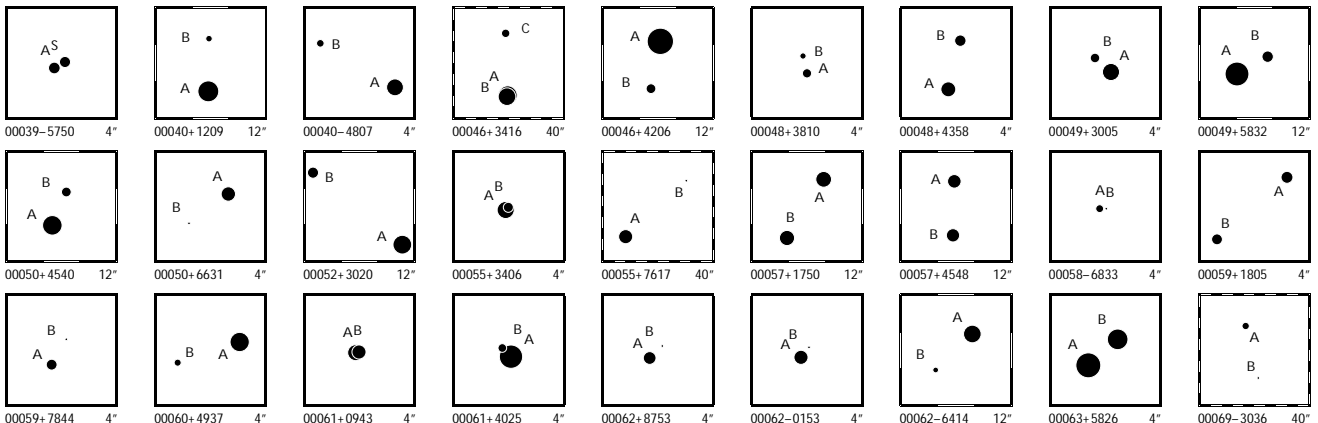


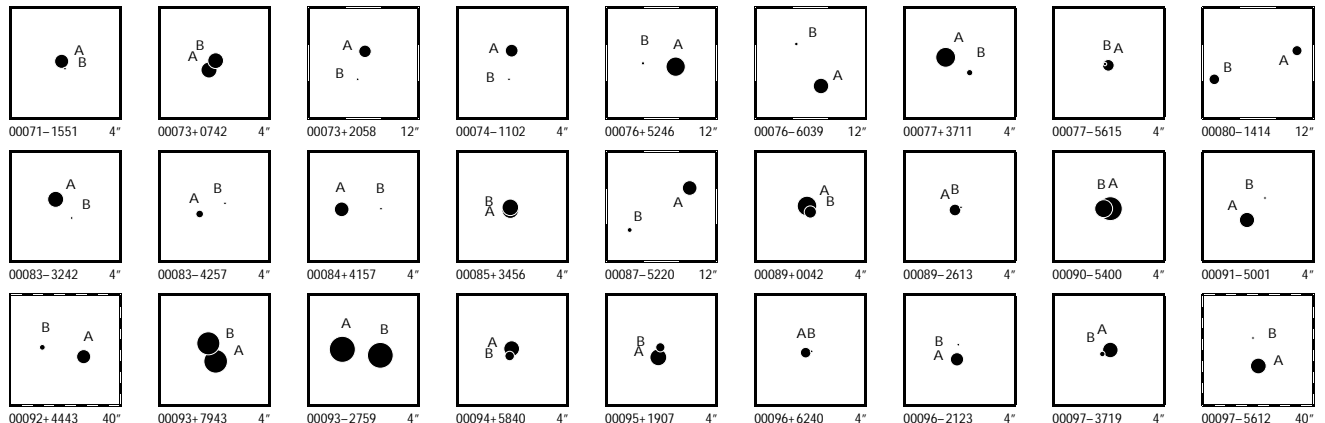
Part C: Component Solutions

System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
00003-4417	1	L	A	25	6.894	0.004					0.079 365 37	-44.290 297 41	13.74	58.36	-108.64	0.88	0.81	0.98	0.73	0.68	A	315.8	0.463	+0.8	-0.009
			B	25	7.551	0.007					0.079 240 29	-44.290 205 27	13.74	69.09	-110.11	1.82	1.69	0.98	1.05	1.05					
00004-4711	1	F	A	37	10.966	0.092					0.105 366 43	-47.179 602 56	3.74	-6.92	7.03	6.49	7.96	2.72	2.23	2.14	A	332	0.23		
			B	37	11.745	0.188					0.105 322 13	-47.179 545 42	3.74	-6.92	7.03	18.42	20.65	2.72	2.23	2.14					
00005+6713	1	F	A	40	11.007	0.017					0.121 969 71	+67.216 791 25	-3.40	-2.99	-3.18	3.83	3.95	4.25	4.14	3.75	A	224.9	8.20		
			B	40	11.176	0.019					0.117 816 51	+67.215 178 97	-3.40	-2.99	-3.18	8.46	8.08	4.25	4.14	3.75					
00005-7212	1	F	A	45	9.890	0.012	10.618	0.033	9.808	0.026	0.134 204 53	-72.202 710 31	15.10	-37.20	-2.78	1.82	1.68	1.92	1.95	1.64	A	242.5	2.83		
			B	45	11.954	0.075					0.131 924 59	-72.203 073 62	15.10	-37.20	-2.78	18.78	18.00	1.92	1.95	1.64					
00006-5306	1	F	A	50	6.674	0.003	7.256	0.004	6.579	0.003	0.142 870 59	-53.097 662 77	16.89	52.98	-20.52	0.52	0.56	0.80	0.56	0.55	A	324.8	1.70		
			B	50	9.962	0.057					0.142 417 38	-53.097 277 14	16.89	52.98	-20.52	12.46	13.11	0.80	0.56	0.55					
00006-6641	1	F	A	55	7.707	0.004	8.164	0.011	7.613	0.011	0.157 833 23	-66.683 103 36	14.66	162.88	-28.82	0.86	0.85	0.98	0.82	0.82	A	273.6	3.81		
			B	55	9.499	0.020	9.797	0.073	9.168	0.064	0.155 165 15	-66.683 036 86	14.66	162.88	-28.82	6.38	5.39	0.98	0.82	0.82					
00008+3647	1	I	A	71	8.418	0.007	9.319	0.017	8.357	0.013	0.207 099 81	+36.780 153 28	9.13	-24.50	-19.47	2.11	1.35	1.84	2.05	1.40	A	233.87	15.35	+0.11	+0.01
			B	70	10.587	0.043	11.153	0.073	10.377	0.057	0.202 800 14	-53.097 277 14	5.25	-46.78	-0.88	19.36	13.02	13.87	16.42	11.24					
00012+1358	1	F	A	96	10.608	0.023	11.875	0.107	10.693	0.060	0.304 893 57	+13.974 748 26	19.83	20.59	139.82	4.63	3.08	5.16	4.67	3.04	A	203.9	11.80		
			B	96	11.146	0.033					0.303 523 43	+13.971 752 51	19.83	20.59	139.82	13.45	9.79	5.16	4.67	3.04					
00014+3937	1	L	A	110	9.202	0.011	9.831	0.022	8.887	0.016	0.348 708 16	+39.610 817 88	20.42	-29.92	-41.34	2.12	1.53	1.91	1.88	1.30	A	176.3	1.20	-0.6	0.00
			B	110	9.843	0.019					0.348 735 83	+39.610 486 13	20.42	-16.27	-42.38	5.38	6.06	1.91	4.00	4.36					
00015+3044	1	F	A	114	8.279	0.010	8.830	0.015	8.091	0.012	0.371 676 09	+30.735 879 29	9.93	-10.28	-38.64	1.79	1.20	1.95	1.97	1.17	A	196	1.10		
			B	114	9.908	0.044					0.371 580 02	+30.735 584 47	9.93	-10.28	-38.64	12.74	7.21	1.95	1.97	1.17					
00019-4137	1	F	A	151	7.950	0.003					0.484 582 40	-41.613 736 74	7.56	89.74	-15.52	0.97	0.82	1.37	1.03	0.96	A	16	0.71		
			B	151	10.770	0.037					0.484 656 59	-41.613 548 24	7.56	89.74	-15.52	19.45	6.90	1.37	1.03	0.96					
00021-6817	1	F	A	169	9.611	0.009	11.233	0.063	9.701	0.026	0.535 020 93	-68.280 205 94	63.03	207.45	-231.80	1.98	1.67	1.98	2.37	1.70	A	125.0	4.21		
			B	169	10.967	0.029	12.010	0.163	10.561	0.071	0.537 607 46	-68.280 877 29	63.03	207.45	-231.80	9.56	8.26	1.98	2.37	1.70					
00022+5958	1	F	A	174	9.025	0.010	10.173	0.023	8.963	0.014	0.551 566 87	+59.965 338 25	3.89	15.17	-0.10	1.41	1.49	1.83	1.66	1.45	A	248.1	12.88		
			B	174	11.646	0.109					0.544 935 85	+59.964 003 10	3.89	15.17	-0.10	25.48	31.37	1.83	1.66	1.45					
00023-2708	1	F	A	178	8.682	0.007	9.140	0.024	8.570	0.023	0.567 796 20	-27.135 172 99	9.02	99.62	8.25	3.17	1.31	2.50	4.00	1.28	A	287.5	3.073		
			B	178	9.043	0.010	9.617	0.031	8.964	0.027	0.566 881 20	-27.134 916 69	9.02	99.62	8.25	4.77	2.62	2.50	4.00	1.28					
00024+1047	1	F	A	190	9.374	0.153					0.605 568 58	+10.776 667 45	10.47	-49.43	-118.65	13.33	11.82	1.17	1.06	0.79	A	218	0.18		
			B	190	9.907	0.251					0.605 536 54	+10.776 626 88	10.47	-49.43	-118.65	22.16	15.50	1.17	1.06	0.79					
00026+1841	1	F	A	201	8.486	0.103					0.639 312 63	+18.683 369 33	10.06	-13.19	17.41	5.85	8.92	0.99	0.70	0.56	A	165	0.15		
			B	201	10.617	0.735					0.639 323 78	+18.683 329 13	10.06	-13.19	17.41	39.51	35.37	0.99	0.70	0.56					
00026+6606	1	I	A	207	6.038	0.021	7.222	0.006	5.963	0.004	0.650 342 49	+66.098 963 41	1.57	3.32	1.14	1.68	1.64	1.67	1.83	1.61	A	70.43	15.20	-0.02	+0.01
			B	209	7.301	0.061	7.404	0.007	7.294	0.008	0.660 159 60	+66.100 377 25	-0.69	8.09	9.09	15.95	15.05	9.62	10.61	9.19					
00026-0829	1	F	A	210	9.818	0.022					0.662 141 39	-8.487 976 00	7.65	-2.72	-4.67	4.96	2.94	1.93	2.27	0.96	A	13	0.268		
			B	210	10.066	0.027					0.662 157 80	-8.487 903 32	7.65	-2.72	-4.67	8.28	3.82	1.93	2.27	0.96					
00028+0208	1	F	A	223	7.460	0.007	7.994	0.011	7.336	0.010	0.696 411 17	+2.130 376 40	21.58	62.25	-91.23	1.50	0.99	1.65	2.35	1.07	A	168	1.55		
			B	223	9.383	0.040					0.696 501 22	+2.129 956 32	21.58	62.25	-91.23	14.04	7.61	1.65	2.35	1.07					
00028+8017	1	I	A	221	7.788	0.009	8.175	0.010	7.734	0.009	0.693 215 13	+80.282 241 46	7.82	47.54	17.14	1.36	1.20	1.11	1.36	1.00	A	23.40	16.75	-0.01	+0.01
			B	227	9.916	0.053	10.295	0.034	9.826	0.036	0.704 167 74	+80.286 512 36	8.72	48.59	27.27	16.78	14.69	7.25	8.24	6.26					
00029+4715	1	F	A	229	8.968	0.008					0.713 934 63	+47.252 280 68	2.16	18.80	-5.10	2.13	1.83	2.57	1.59	1.59	A	113.2	1.622		
			B	229	9.184	0.009					0.714 544 62	+47.252 103 15	2.16	18.80	-5.10	3.21	2.91	2.57	1.59	1.59					
00031+2929	1	F	A	252	10.519	0.017	11.607	0.110	10.502	0.066	0.779 590 51	+29.485 982 54	-0.95	16.56	-1.50	2.59	1.66	2.86	2.78	1.59	A	137	5.60		
			B	252	13.887	0.377					0.780 805 25	+29.484 843 39	-0.95	16.56	-1.50	127.49	75.49	2.86	2.78	1.59					
00031+5228	1	F	A	250	8.406	0.011					0.774 317 25	+52.465 168 59	5.19	-8.04	-16.48	2.40	2.06	1.99	1.55	1.20	A	327	0.35		
			B	250	11.115	0.132					0.774 229 56	+52.465 250 85	5.19	-8.04	-16.48	31.01	19.86	1.99	1.55	1.20					
00033-0409	1	F	A	267	8.207	0.006	8.584	0.010	8.147	0.010	0.835 411 12	-4.145 730 41	11.66	-22.91	-10.99	1.47									

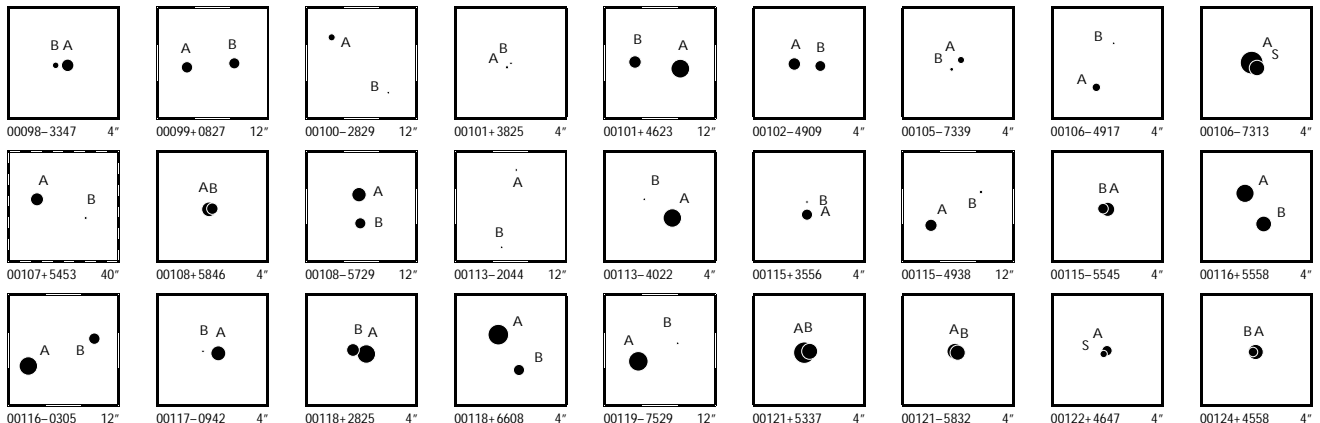
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt						
1	2-3-5	6	7	8	9	10	11	12	13	14	deg	deg	17	18	19	20	21	22	23	24	25	26	27	28	29				
00039-5750	1	LCA	A S	306 306	9.407 9.534	0.012 0.013					0.974 0.974	739 539	-57.830 -57.830	357 300	20 44	14.36 14.36	150.24 164.42	-58.93 -54.48	3.05 3.43	3.71 4.09	2.44 2.44	2.11 2.54	2.20 2.82	A	298	0.436	+1	-0.010	
00040+1209	1	FCA	A B	316 316	7.350 10.573	0.007 0.009	7.622 10.987	0.008 0.075	7.277 10.336	0.008 0.065	1.000 1.000	996 969	68 27	+12.145 +12.147	833 430	98 98	5.48 5.48	17.89 17.89	-15.14 -15.14	1.25 28.39	0.77 13.00	1.25 1.25	1.26 1.26	0.85 0.85	A	359.0	5.75		
00040-4807	1	FCA	A B	313 313	8.268 10.290	0.005 0.027	8.616 10.799	0.009 0.140	8.204 9.637	0.009 0.076	0.991 0.992	102 247	13 73	-48.125 -48.124	187 73	32 94	10.62 10.62	23.52 23.52	0.78 0.78	1.35 11.26	0.97 6.78	1.46 1.46	1.60 1.60	1.25 1.25	A	59.3	3.20		
00046+3416	1	LNC	G A B C	374 374 375	7.812 8.096 10.134	0.022 0.022 0.245					1.167 1.167 1.167	044 189 293	44 49 73	+34.265 +34.265 +34.271	197 036 505	97 39 66	6.13 6.13 6.13	-15.80 -17.07 123.40	-30.38 -29.22 -59.91	1.62 2.74 44.16	1.21 1.96 30.26	1.59 1.59 1.59	1.51 1.86 25.15	1.09 1.29 16.83	A	143.4	0.724	0.0	-0.002
00046+4206	1	FND	D A B	365 365	6.200 9.856	0.003 0.008	6.311 9.903	0.003 0.058	6.148 9.651	0.004 0.076	1.152 1.152	483 859	79 87	+42.092 +42.091	561 103	48 98	1.94 1.94	-11.94 -11.94	-12.73 -12.73	0.84 20.81	0.85 19.95	1.12 1.12	1.05 1.05	0.84 0.84	A	169.2	5.34		
00048+3810	1	LCA	A B	385 385	9.960 10.598	0.007 0.011					1.195 1.195	153 215	84 50	+38.173 +38.174	826 003	11 47	9.37 9.37	22.27 32.73	-64.96 -59.13	2.52 6.32	2.63 4.02	2.81 2.81	2.13 4.02	2.35 3.34	A	15.3	0.662	+0.7	+0.008
00048+4358	1	FCA	A B	391 391	8.719 9.466	0.005 0.009	8.932 9.673	0.017 0.030	8.525 9.179	0.016 0.028	1.211 1.211	960 785	13 75	+43.970 +43.971	790 286	63 10	6.95 6.95	-91.44 -91.44	-29.53 -29.53	1.37 3.28	1.22 3.12	1.91 1.91	1.63 1.63	1.22 1.22	A	345.8	1.840		
00049+3005	1	FCA	A B	392 392	8.249 9.892	0.003 0.014					1.216 1.216	515 707	01 32	+30.085 +30.086	931 074	31 31	10.47 10.47	71.44 71.44	-33.54 -33.54	1.44 7.10	0.92 4.07	1.53 1.53	1.91 1.91	0.93 0.93	A	49.3	0.79		
00049+5832	1	FCA	A B	398 398	6.700 9.509	0.003 0.032	6.685 9.437	0.004 0.046	6.667 9.297	0.005 0.065	1.229 1.227	026 227	90 82	+58.532 +58.532	173 688	92 39	2.13 2.13	9.06 9.06	-3.04 -3.04	0.58 7.74	0.59 7.13	0.82 0.82	0.58 0.58	0.62 0.62	A	298.7	3.85		
00050+4540	1	FCA	A B	404 404	7.679 9.836	0.003 0.057	8.175 10.243	0.007 0.057	7.599 9.385	0.006 0.043	1.239 1.239	617 006	28 80	+45.673 +45.674	952 071	17 17	14.53 14.53	17.18 17.18	-65.33 -65.33	0.76 4.45	0.76 7.38	1.21 1.21	0.71 0.71	0.76 0.76	A	337.3	3.98		
00050+6631	1	LCA	A B	412 412	8.818 11.895	0.007 0.118	9.230 12.153	0.014 0.057	8.735 9.385	0.013 0.043	1.257 1.258	558 594	02 43	+66.516 +66.516	789 490	60 09	6.19 6.19	43.49 66.06	0.09 86.53	1.32 28.78	1.37 31.08	1.54 1.54	1.15 21.83	1.03 27.95	A	126	1.84	-3	-0.03
00052+3020	1	LCA	A B	423 426	7.871 9.547	0.006 0.021	8.277 9.835	0.012 0.025	7.816 9.387	0.010 0.026	1.288 1.291	587 746	87 94	+30.329 +30.331	115 307	09 36	5.43 6.64	-44.71 -47.21	-34.32 -37.27	2.14 10.81	1.25 6.85	1.90 8.01	2.64 8.89	1.32 5.18	A	51.20	12.60	0.00	0.00
00055+3406	1	FCA	A B	461 461	8.196 9.756	0.099 0.418					1.371 1.371	076 037	01 20	+34.105 +34.105	650 677	58 97	11.04 11.04	-14.88 -14.88	26.52 26.52	5.74 22.57	5.29 20.05	0.91 0.91	0.87 0.87	0.56 0.56	A	310	0.15		
00055+7617	1	IND	D A B	465 465	8.898 12.153	0.006 0.083	10.875 12.153	0.042 0.083	8.926 9.385	0.015 0.043	1.390 1.364	926 747	68 08	+76.285 +76.291	826 562	49 92	3.94 6.35	10.50 -10.40	-3.56 1.81	1.64 23.67	1.60 22.17	1.45 13.02	1.70 15.19	1.57 13.94	A	312.76	30.42	-0.02	+0.02
00057+1750	1	FCA	A B	482 482	8.515 8.649	0.006 0.007	8.869 9.019	0.014 0.015	8.403 8.556	0.013 0.014	1.435 1.436	046 225	35 31	+17.840 +17.838	326 510	78 28	5.95 5.95	56.51 56.51	-14.95 -14.95	1.63 3.41	1.30 2.20	1.68 1.68	1.49 1.49	1.24 1.24	A	148.29	7.687		
00057+4548	1	LCA	P A B	473 473	9.011 9.075	0.007 0.007	10.668 10.746	0.048 0.043	9.009 9.096	0.019 0.017	1.417 1.417	822 896	75 10	+45.812 +45.810	454 777	96 65	85.10 85.10	878.73 838.05	-153.87 -162.93	2.51 3.69	2.47 2.50	2.74 2.74	1.65 5.38	1.65 3.07	A	178.25	6.041	+0.39	+0.008
00058-6833	1	FCB	A B	488 488	10.265 12.393	0.048 0.337					1.462 1.462	592 392	34 21	-68.551 -68.551	287 299	23 48	7.92 7.92	-62.33 -62.33	-34.68 -34.68	7.15 46.41	4.04 34.17	1.61 1.61	1.57 1.57	1.49 1.49	A	261	0.27		
00059+1805	1	LCA	A B	495 495	9.343 9.629	0.007 0.010	10.297 10.850	0.033 0.057	9.245 9.600	0.021 0.031	1.481 1.482	514 267	11 89	+18.076 +18.075	226 591	26 87	25.77 25.77	-149.96 -157.32	-147.27 -153.74	2.23 4.13	1.56 3.36	2.07 2.07	1.69 3.14	1.35 2.30	A	131.5	3.445	+0.2	-0.001
00059+7844	1	FFD	D A B	487 487	9.616 13.010	0.021 0.479	10.225 12.153	0.029 0.479	9.511 9.385	0.025 0.043	1.462 1.461	422 631	23 95	+78.738 +78.738	407 662	85 49	11.21 11.21	97.43 97.43	44.31 44.31	1.29 40.26	1.25 53.00	1.34 1.34	1.67 1.67	1.26 1.26	A	329	1.07		
00060+4937	1	FCA	A B	497 497	7.710 10.427	0.004 0.042	7.951 10.427	0.008 0.042	7.635 9.385	0.009 0.043	1.487 1.488	689 670	65 65	+49.622 +49.622	347 139	97 61	7.05 7.05	-6.91 -6.91	-1.86 -1.86	0.84 14.29	0.82 11.10	1.15 1.15	0.83 0.83	0.90 0.90	A	108.2	2.41		
00061+0943	1	FCA	A B	510 510	8.472 8.878	0.220 0.320					1.533 1.533	440 406	53 52	+9.714 +9.714	960 969	96 92	11.07 11.07	21.00 21.00	-10.87 -10.87	14.55 17.24	9.30 13.09	1.00 1.00	0.89 0.89	0.62 0.62	A	285	0.12		
00061+4025	1	FCA	A B	508 508	6.869 10.056	0.003 0.052					1.517 1.517	731 853	79 88	+40.418 +40.418	536 626	43 92	3.28 3.28	-2.99 -2.99	-2.59 -2.59	0.96 16.63	0.71 9.88	0.85 0.85	0.82 0.82	0.64 0.64	A	46	0.47		
00062+8753	1	FCA	A B	513 513	9.173 12.120	0.005 0.072					1.547 1.544	464 055	85 31	+87.889 +87.889	385 504	95 97	2.09 2.09	-9.03 -9.03	15.82 15.82	1.26 26.55	1.18 21.14	1.20 1.20	1.60 1.60	1.16 1.16	A	313	0.62		
00062-0153	1	FCA	A B	515 515	8.878 11.670	0.006 0.068					1.554 1.554	830 753	56 30	-1.887 -1.886	050 943	95 19	7.38 7.38	-9.75 -9.75	-46.60 -46.60	1.88 24.92	1.12 13.22	1.55 1.55	2.33 2.33	0.92 0.92	A	324	0.48		
00062-6414	1	FNC	A B	519 519	8.112 10.752	0.018 0.130	8.476 10.686	0.011 0.054	7.999 10.172	0.011 0.054	1.570 1.572	009 619	83 102	-64.240 -64.241	514 634	92 51	5.38 5.38	36.94 36.94	17.19 17.19	1.40 17.64	1.41 19.42	1.67 1.67	1.52 1.52	1.58 1.58	A	134.6	5.74		
00063+5826	1	LCA	A B	518 518	6.488 7.427	0.004 0.009	7.002 10.002	0.017 0.017	6.266 9.385	0.019 0.043	1.564 1.564	743 161	95 71	+58.436 +58.436	689 954	66 95	49.30 49.30	247.36 279.98	17.77 55.58	0.87 3.49	0.78 2.71	1.05 1.05	0.81 4.60	0.70 3.17	A	311.0	1.455	+2.0	0.000
00069-3036	1	FND	D A B	571 570	10.352 12.012	0.039 0.150	10.594 12.012	0.037 0.150	10.297 9.385	0.045 0.043	1.732 1.730	265 762	63 17	-30.603 -30.608	081 511	80 44	3.82 3.82	15.21 15.21	3.89 3.89	3.97 59.49	2.56 37.37	3.43 3.43	4.08 4.08	2.98 2.98	A	193.4	20.09		



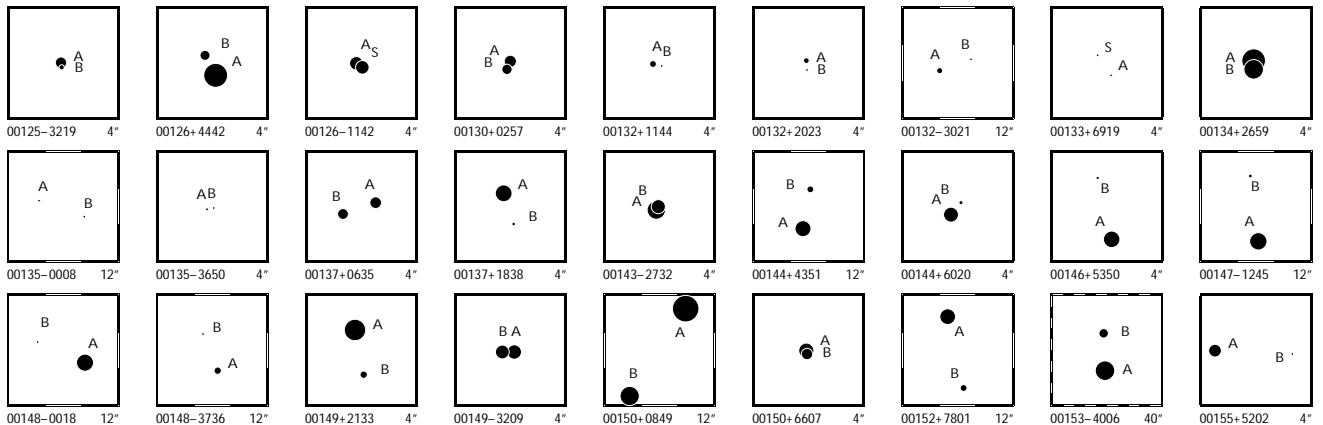
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
00071-1551	1	F C B	A B	584 584	8.856 11.761	0.029 0.427					1.781 538 47 1.781 510 10	-15.850 082 98 -15.850 152 96	7.89 7.89	72.06 72.06	-29.35 -29.35	5.51 5.99 2.34 2.62 1.29 65.53 37.00 2.34 2.62 1.29	A 201	0.27							
00073+0742	1	L C A	A B	603 603	8.472 8.521	0.006 0.006					1.826 625 24 1.826 550 14	+7.703 572 12 +7.703 664 94	5.87 5.87	-4.44 -6.25	-5.68 -9.76	2.45 1.46 1.72 1.83 0.91 2.76 1.73 1.72 2.22 1.11	A 321.3	0.428	-0.5	-0.002					
00073+2058	1	L C A	A B	601 601	9.250 11.532	0.005 0.041	10.073 0.028	9.230 0.021			1.825 624 87 1.825 862 92	+20.965 597 58 +20.964 757 40	17.98 17.98	4.66 -26.66	-218.76 20.88	2.24 1.56 2.35 1.99 1.40 25.98 22.47 2.35 20.01 22.35	A 165.2	3.13	-0.6	-0.24					
00074-1102	1	F C C	A B	608 608	9.181 12.659	0.009 0.216	10.133 0.028	9.108 0.018			1.845 415 76 1.845 436 38	-11.033 364 16 -11.033 662 37	1.52 1.52	-27.64 -27.64	-13.11 -13.11	1.83 1.33 2.42 2.81 1.27 61.77 43.68 2.42 2.81 1.27	A 176	1.08							
00076+5246	1	F C B	A B	622 622	7.757 11.283	0.005 0.132	8.696 0.008	7.686 0.006			1.905 902 07 1.907 577 81	+52.772 989 80 +52.773 087 83	2.74 2.74	-7.60 -7.60	-8.50 -8.50	0.86 0.90 1.26 1.04 1.00 31.24 25.94 1.26 1.04 1.00	A 84.5	3.67							
00076-6039	1	F C A	A B	618 618	8.593 11.224	0.007 0.078	9.138 0.012	8.511 0.011			1.894 588 28 1.896 143 47	-60.641 727 98 -60.640 424 34	8.86 8.86	40.28 40.28	-38.19 -38.19	1.11 1.26 1.46 1.18 1.39 15.24 18.28 1.46 1.18 1.39	A 30.3	5.44							
00077+3711	1	F C A	A B	634 634	7.614 10.596	0.003 0.040					1.929 585 94 1.929 286 34	+37.185 482 26 +37.185 328 93	7.19 7.19	7.74 7.74	-16.16 -16.16	0.81 0.65 0.92 0.72 0.62 9.74 7.44 0.92 0.72 0.62	A 237.3	1.02							
00077-5615	1	F C C	A B	632 632	9.414 11.242	0.254 1.368					1.920 725 92 1.920 792 26	-56.249 553 13 -56.249 539 39	1.60 1.60	20.14 20.14	3.36 3.36	17.66 5.48 1.32 0.90 1.22 80.84 79.24 1.32 0.90 1.22	A 70	0.14							
00080-1414	1	F N B	A B	645 645	9.687 9.790	0.013 0.014	10.287 0.031	9.563 0.026			1.996 600 33 1.993 994 14	-14.226 713 54 -14.225 814 37	7.79 7.79	89.49 89.49	-94.73 -94.73	6.96 3.16 2.24 2.58 1.57 3.44 1.97 2.24 2.58 1.57	B 289.59	9.65							
00083-3242	1	F N D	A B	673 673	8.435 11.710	0.006 0.112					2.077 557 92 2.077 362 48	-32.700 839 24 -32.701 043 20	3.50 3.50	69.69 69.69	-51.57 -51.57	1.37 0.99 1.43 1.36 1.07 25.71 23.16 1.43 1.36 1.07	A 219	0.94							
00083-4257	1	F C A	A B	674 674	10.328 11.427	0.014 0.037					2.087 706 37 2.087 357 63	-42.943 655 92 -42.943 544 02	7.73 7.73	121.71 121.71	6.99 6.99	2.78 2.37 3.35 3.21 3.15 12.88 8.74 3.35 3.21 3.15	A 294	1.00							
00084+4157	1	F F D	A B	683 683	8.766 12.486	0.008 0.240	8.707 0.009	8.729 0.011			2.108 507 12 2.107 955 75	+41.957 989 84 +41.957 995 10	2.88 2.88	3.66 3.66	-3.34 -3.34	0.89 0.82 1.35 1.12 0.90 93.89 75.15 1.35 1.12 0.90	A 271	1.48							
00085+3456	1	F C A	A B	689 689	8.270 8.312	0.265 0.276					2.118 271 61 2.118 270 21	+34.934 509 15 +34.934 537 30	12.72 12.72	114.26 114.26	9.75 9.75	10.44 8.70 0.86 1.06 0.57 10.92 17.05 0.86 1.06 0.57	A 358	0.10							
00087-5220	1	F C A	A B	702 702	8.734 10.898	0.005 0.034	9.021 0.008	8.639 0.009			2.187 320 32 2.190 314 19	-52.327 950 54 -52.329 256 67	5.07 5.07	8.48 8.48	-48.92 -48.92	0.97 1.16 1.56 1.18 1.41 8.72 10.49 1.56 1.18 1.41	A 125.5	8.09							
00089+0042	1	F C A	A B	717 717	7.666 9.311	0.021 0.096					2.217 672 97 2.217 636 05	+0.692 456 10 +0.692 395 84	1.36 1.36	5.08 5.08	3.16 3.16	5.43 2.97 1.53 1.72 1.16 25.16 9.51 1.53 1.72 1.16	A 211	0.25							
00089-2613	1	F C A	A B	721 721	9.430 11.709	0.029 0.239					2.230 486 35 2.230 414 42	-26.223 632 83 -26.223 601 34	2.60 2.60	-0.01 -0.01	-7.67 -7.67	4.13 3.06 1.43 1.83 0.86 31.05 24.27 1.43 1.83 0.86	A 296	0.26							
00090-5400	1	L C A	A B	730 730	6.743 8.067	0.012 0.040					2.259 756 19 2.259 868 89	-54.001 963 54 -54.001 961 20	7.00 7.00	46.80 45.28	9.38 25.61	1.85 1.88 0.74 0.89 1.14 5.59 6.63 0.74 2.56 3.56	A 88	0.239	-4	-0.001					
00091-5001	1	F C A	A B	743 743	8.655 11.564	0.007 0.097	9.934 0.018	8.562 0.010			2.279 067 62 2.278 775 22	-50.013 628 00 -50.013 400 32	1.37 1.37	0.01 0.01	-7.69 -7.69	1.21 1.20 1.61 1.21 1.41 24.15 21.70 1.61 1.21 1.41	A 320	1.06							
00092+4443	1	L C A	A B	747 750	8.869 10.729	0.008 0.039	9.286 0.012	8.796 0.012			2.292 375 17 2.298 313 13	+44.721 845 55 +44.722 767 34	4.80 12.20	53.46 67.05	-33.26 -38.38	1.73 1.48 2.04 1.67 1.40 14.50 13.82 9.40 9.60 8.67	A 77.67	15.55	+0.03	+0.01					
00093+7943	1	L C A	A B	760 760	6.769 6.894	0.003 0.004					2.332 620 25 2.333 025 51	+79.714 641 13 +79.714 823 08	8.56 8.56	106.17 105.05	-39.37 -31.32	1.28 1.61 1.17 1.12 1.47 1.78 2.06 1.17 1.31 1.62	A 217	0.705	-0.3	+0.007					
00093-2759	1	F C A	A B	761 761	6.233 6.293	0.004 0.004					2.337 586 20 2.337 140 91	-27.987 903 90 -27.987 966 48	14.57 14.57	72.57 72.57	-9.99 -9.99	1.28 0.91 1.34 1.68 0.82 2.45 1.31 1.34 1.68 0.82	A 261.0	1.433							
00094+5840	1	F C A	A B	763 763	8.528 9.893	0.023 0.082					2.346 947 67 2.346 975 04	+58.665 917 18 +58.665 846 83	1.42 1.42	7.72 7.72	-2.76 -2.76	2.44 3.05 1.15 0.89 0.97 8.86 9.91 1.15 0.89 0.97	A 169	0.26							
00095+1907	1	L C A	A B	768 768	8.287 9.984	0.005 0.024					2.366 592 01 2.366 567 52	+19.115 699 82 +19.115 801 07	13.80 13.80	276.80 258.95	38.24 19.52	1.69 1.27 1.30 1.32 0.81 8.83 5.72 1.30 6.12 3.37	A 347	0.374	-3	-0.014					
00096+6240	1	F F D	A B	779 779	9.664 11.487	0.135 0.725					2.401 541 16 2.401 406 10	+62.667 811 40 +62.667 818 69	4.76 4.76	-2.50 -2.50	2.02 2.02	26.16 7.40 2.01 1.80 2.03 34.61 35.04 2.01 1.80 2.03	A 277	0.22							
00096-2123	1	F C A	A B	777 777	9.082 12.343	0.007 0.129					2.396 747 40 2.396 726 14	-21.381 865 98 -21.381 711 31	8.17 8.17	-8.94 -8.94	1.65 1.65	2.05 1.46 1.89 2.54 1.06 46.22 24.80 1.89 2.54 1.06	A 353	0.56							
00097-3719	1	F C A	A B	786 786	8.591 10.777	0.017 0.124					2.423 370 39 2.423 472 53	-37.314 811 17 -37.314 858 91	6.90 6.90	-50.81 -50.81	-23.66 -23.66	3.44 2.06 1.41 1.40 1.17 13.91 12.42 1.41 1.40 1.17	A 120	0.34							
00097-5612	1	F C A	A B	782 782	8.533 11.460	0.007 0.100	9.573 0.014	8.469 0.010			2.413 765 49 2.414 794 06	-56.191 785 61 -56.188 873 22	3.25 3.25	64.24 64.24	-15.35 -15.35	1.08 1.21 1.50 1.10 1.29 25.39 25.78 1.50 1.10 1.29	A 11.1	10.69							



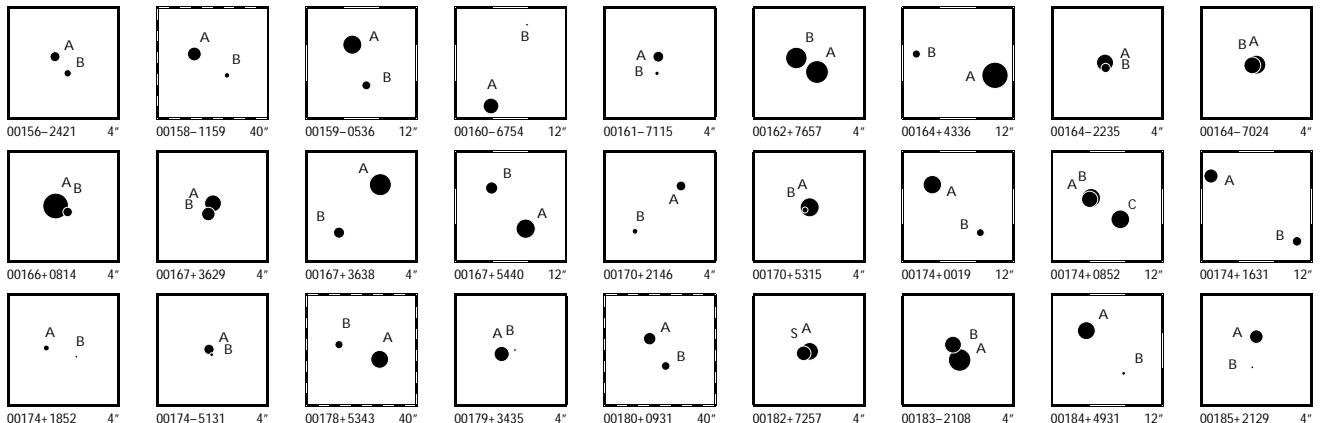
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
00098-3347	1	LCA	A B	794 794	9.262 10.580	0.008 0.027					2.458 853 62 2.459 004 50	-33.788 682 19 -33.788 684 20	17.08 17.08	-68.90 -50.97	-140.78 -165.26	2.36 7.47	1.62 7.75	1.86 1.86	1.49 4.21	1.17 4.52	A	91	0.451	+3	+0.018
00099+0827	1	FCA	A B	795 795	9.498 9.555	0.015 0.016	10.206 10.177	0.042 0.041	9.349 9.428	0.032 0.035	2.465 063 29 2.463 589 46	+8.453 196 73 +8.453 326 10	14.21 14.21	56.25 56.25	-11.26 -11.26	4.41 10.97	3.16 8.64	4.23 4.23	3.64 3.64	2.42 2.42	A	275.1	5.27		
00100-2829	1	FCA	A B	811 811	10.467 11.965	0.009 0.035	11.805	0.087	10.413	0.042	2.502 170 25 2.500 175 08	-28.482 370 46 -28.484 058 33	-0.35 -0.35	-3.63 -3.63	-23.52 -23.52	2.75 16.33	1.70 9.44	2.70 2.70	3.60 3.60	1.76 1.76	A	226.1	8.76		
00101+3825	1	FCA	A B	823 823	11.294 11.921	0.096 0.105					2.521 940 60 2.521 887 10	+38.414 879 64 +38.414 919 85	10.83 10.83	-8.20 -8.20	14.07 14.07	7.49 16.00	7.17 14.35	2.10 2.10	1.79 1.79	1.34 1.34	A	314	0.21		
00101+4623	1	FCA	P B	817 817	7.860 9.210	0.072 0.017	7.980 9.614	0.007 0.031	7.787 9.077	0.010 0.030	2.513 264 91 2.515 281 86	+46.390 353 23 +46.390 540 33	7.21 7.21	10.98 10.98	-16.28 -16.28	1.07 5.13	1.00 3.91	1.55 1.55	1.05 1.05	0.94 0.94	A	82.34	5.05		
00102-4909	1	FCA	A B	831 831	9.266 9.625	0.010 0.014					2.538 684 15 2.538 277 15	-49.143 312 04 -49.143 336 09	8.50 8.50	82.16 82.16	-25.58 -25.58	1.85 3.12	2.22 4.76	2.90 2.90	2.27 2.27	3.40 3.40	A	264.8	0.962		
00105-7339	1	FCA	A B	853 853	10.445 11.138	0.011 0.021					2.614 341 47 2.614 691 83	-73.649 453 33 -73.649 550 70	4.11 4.11	16.06 16.06	10.97 10.97	2.85 8.08	2.57 6.21	2.38 2.38	2.97 2.97	2.47 2.47	A	135	0.50		
00106-4917	1	FCB	A B	862 862	10.156 13.035	0.010 0.144	10.851	0.035	9.989	0.026	2.656 411 31 2.656 134 96	-49.281 393 79 -49.280 936 49	13.51 13.51	15.68 15.68	-42.51 -42.51	1.65 34.14	1.84 41.02	2.44 2.44	1.89 1.89	2.34 2.34	A	338	1.77		
00106-7313	1	FCA	A S	865 865	6.971 8.551	0.010 0.044					2.659 659 38 2.659 467 08	-73.224 422 75 -73.224 484 17	15.06 15.06	121.50 121.50	18.57 18.57	1.49 5.85	1.60 6.24	0.70 0.70	0.76 0.76	0.64 0.64	A	222	0.30		
00107+5453	1	FND	D B	871 871	9.113 11.312	0.039 0.256	9.848	0.017	9.112	0.015	2.675 285 89 2.666 598 45	+54.891 494 75 +54.889 618 10	1.74 1.74	-1.90 -1.90	-0.81 -0.81	1.49 44.63	1.68 47.88	2.12 2.12	1.87 1.87	1.82 1.82	A	249.4	19.21		
00108+5846	1	FCA	A B	876 876	8.768 9.502	0.129 0.254					2.693 185 11 2.693 109 47	+58.769 518 88 +58.769 521 90	1.62 1.62	7.58 7.58	-1.36 -1.36	9.01 16.60	9.01 17.65	0.92 0.92	0.75 0.75	0.75 0.75	A	274	0.14		
00108-5729	1	FCA	A B	883 883	8.829 9.567	0.012 0.018	9.256 10.166	0.015 0.043	8.771 9.475	0.015 0.036	2.697 550 40 2.697 471 33	-57.486 285 59 -57.487 175 83	7.77 7.77	-57.96 -57.96	-45.65 -45.65	1.67 5.40	1.94 5.21	2.24 2.24	1.84 1.84	2.19 2.19	A	182.7	3.21		
00113-2044	1	FCB	A B	911 911	11.952 13.725	0.023 0.115					2.822 725 82 2.823 191 88	-20.725 298 39 -20.727 638 03	6.13 6.13	302.05 302.05	35.80 35.80	5.00 45.74	3.54 46.17	5.67 5.67	6.05 6.05	3.91 3.91	A	169.4	8.57		
00113-4022	1	FCB	A B	913 913	7.898 11.607	0.004 0.124	9.015	0.010	7.828	0.006	2.824 320 14 2.824 703 58	-40.372 685 46 -40.372 491 08	5.09 5.09	18.94 18.94	-2.20 -2.20	0.80 32.11	0.88 38.83	1.26 1.26	0.79 0.79	1.10 1.10	A	56	1.26		
00115+3556	1	FCB	A B	923 923	9.563 12.979	0.008 0.174					2.872 584 62 2.872 594 46	+35.931 088 11 +35.931 212 46	3.47 3.47	-5.18 -5.18	-2.52 -2.52	1.79 48.28	1.88 33.15	1.90 1.90	1.51 1.51	1.32 1.32	A	4	0.45		
00115-4938	1	FCA	A B	924 924	9.286 11.211	0.008 0.044	9.960 11.871	0.022 0.155	9.160 10.749	0.018 0.091	2.878 592 06 2.876 221 68	-49.629 209 81 -49.628 205 07	20.86 20.86	-44.77 -44.77	-36.75 -36.75	1.45 11.38	1.61 13.16	2.16 2.16	1.70 1.70	1.88 1.88	A	303.2	6.61		
00115-5545	1	FCA	A B	927 927	8.858 9.657	0.097 0.202					2.880 933 91 2.881 015 71	-55.749 663 71 -55.749 655 42	4.31 4.31	38.44 38.44	-6.92 -6.92	8.46 14.10	4.75 9.41	1.11 1.11	0.86 0.86	1.07 1.07	A	80	0.17		
00116+5558	1	FCA	A B	945 945	7.986 8.539	0.005 0.009	7.734	0.019	7.741	0.021	2.912 221 69 2.911 878 24	+55.961 486 16 +55.961 171 48	2.14 2.14	3.52 3.52	-10.46 -10.46	1.21 3.13	1.24 3.74	1.60 1.60	1.39 1.39	1.24 1.24	A	211.4	1.328		
00116-0305	1	FCA	A B	931 931	7.900 9.453	0.003 0.013	8.390 9.978	0.014 0.041	7.826 9.284	0.013 0.035	2.896 342 95 2.894 302 22	-3.077 997 19 -3.077 181 87	9.91 9.91	150.06 150.06	-11.57 -11.57	1.47 5.75	0.82 3.83	1.48 1.48	1.97 1.97	0.93 0.93	A	291.81	7.90		
00117-0942	1	FCB	A B	947 947	8.695 11.838	0.007 0.127					2.919 853 90 2.920 018 39	-9.702 773 72 -9.702 755 99	6.88 6.88	101.70 101.70	-11.00 -11.00	1.76 29.66	1.18 27.53	1.58 1.58	1.77 1.77	0.96 0.96	A	84	0.59		
00118+2825	1	FCA	A B	956 956	7.900 9.202	0.005 0.017					2.959 122 03 2.959 277 62	+28.423 257 17 +28.423 295 69	12.79 12.79	-96.26 -96.26	37.11 37.11	1.55 5.63	0.84 3.59	1.43 1.43	1.55 1.55	0.72 0.72	A	74.3	0.51		
00118+6608	1	FCA	A B	957 957	7.460 9.568	0.005 0.032	7.404	0.007	7.381	0.007	2.960 134 15 2.959 598 35	+66.126 347 54 +66.125 980 74	1.99 1.99	12.61 12.61	-1.12 -1.12	0.83 8.43	0.83 8.32	0.98 0.98	0.85 0.85	0.84 0.84	A	210.6	1.53		
00119-7529	1	FND	D B	965 965	7.652 11.490	0.005 0.172	9.502	0.018	7.685	0.008	2.980 721 56 2.975 891 58	-75.476 840 86 -75.476 271 34	2.05 2.05	0.92 0.92	5.13 5.13	0.89 38.16	0.87 33.60	0.98 0.98	0.92 0.92	0.84 0.84	A	295.2	4.82		
00121+5337	1	LCA	A B	981 981	7.245 8.459	0.039 0.118					3.033 562 24 3.033 482 68	+53.623 916 00 +53.623 922 57	9.42 9.42	43.71 24.18	-12.93 -10.29	3.40 8.84	2.79 8.58	0.74 0.74	1.32 3.70	2.15 6.42	A	278	0.17	0	+0.02
00121-5832	1	FCA	A B	975 975	8.444 8.611	0.220 0.257					3.021 632 16 3.021 572 00	-58.524 797 11 -58.524 803 07	17.21 17.21	66.87 66.87	-150.80 -150.80	12.81 12.34	9.73 11.00	0.76 0.76	0.58 0.58	0.70 0.70	A	259	0.12		
00122+4647	1	FCA	A S	984 984	9.701 10.351	0.232 0.422					3.042 928 21 3.042 971 07	+46.774 920 71 +46.774 887 90	4.88 4.88	48.58 48.58	-0.69 -0.69	11.84 22.01	13.17 23.79	1.22 1.22	1.03 1.03	0.72 0.72	A	138	0.16		
00124+4558	1	FCA	A B	995 995	8.660 9.893	0.164 0.510					3.109 923 51 3.109 972 65	+45.959 607 06 +45.959 606 31	3.99 3.99	-3.21 -3.21	-8.15 -8.15	8.62 33.53	5.25 15.11	1.02 1.02	0.63 0.63	0.60 0.60	A	91	0.12		



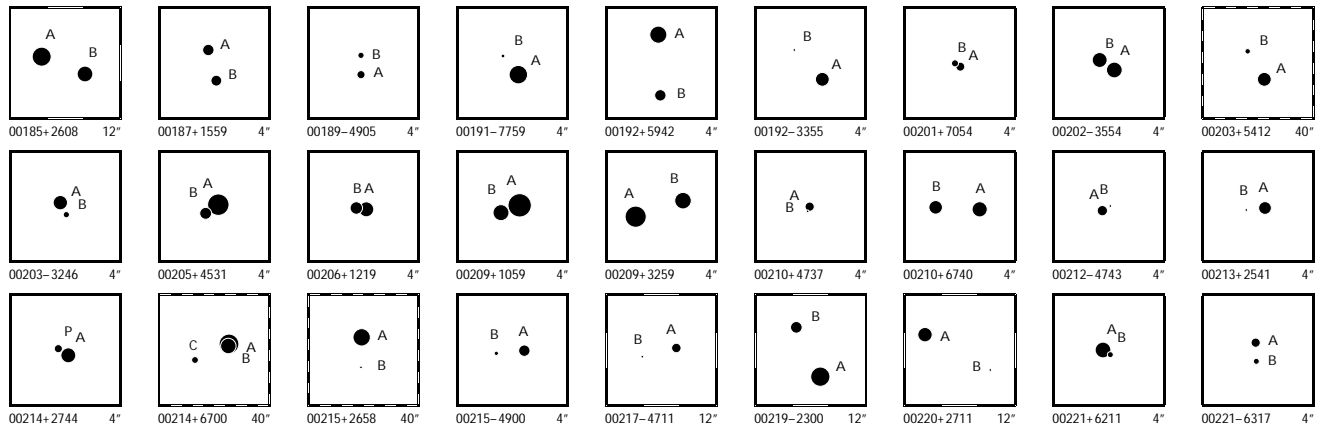
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α (ICRS) deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
00125-3219	1	F CA	A 1001 B 1001	9.505 0.104 10.855 0.360							3.128 930 75 -32.320 813 88 3.128 925 12 -32.320 857 82	4.61 4.61	-11.77 20.36 -11.77 20.36	6.33 7.70 1.40 1.33 0.79 22.17 27.04 1.40 1.33 0.79	A 186 0.16										
00126+4442	1	F CA	A 1009 B 1009	6.734 0.002 9.771 0.030							3.142 016 23 +44.707 247 72 3.142 175 14 +44.707 449 46	6.30 6.30	98.84 -21.64 98.84 -21.64	0.58 0.51 0.82 0.59 0.51 9.64 7.23 0.82 0.59 0.51	A 29 0.83										
00126-1142	1	F CA	A 1005 S 1005	8.981 0.063 8.981 0.063							3.138 176 47 -11.692 958 21 3.138 114 50 -11.693 002 62	5.39 5.39	-0.02 -1.19 -0.02 -1.19	8.23 5.48 1.46 1.77 0.85 9.33 5.81 1.46 1.77 0.85	A 234 0.27										
00130+0257	1	F CA	A 1040 B 1040	9.297 0.014 9.698 0.020							3.251 872 08 +2.949 675 47 3.251 910 36 +2.949 590 17	5.43 5.43	45.48 -13.27 45.48 -13.27	2.34 1.91 1.70 1.78 1.08 4.00 2.84 1.70 1.78 1.08	A 156 0.337										
00132+1144	1	F CA	A 1059 B 1059	10.480 0.123 11.684 0.372							3.298 751 97 +11.726 357 07 3.298 665 26 +11.726 328 88	2.43 2.43	2.93 -10.95 2.93 -10.95	14.29 6.09 2.22 1.96 1.41 41.84 22.31 2.22 1.96 1.41	A 252 0.32										
00132+2023	1	F CA	A 1055 B 1055	10.764 0.037 12.238 0.144							3.287 635 86 +20.382 416 02 3.287 634 60 +20.382 316 98	24.96 24.96	223.65 5.88 223.65 5.88	4.03 6.54 2.95 3.04 2.41 25.15 19.29 2.95 3.04 2.41	A 181 0.36										
00132-3021	1	F CC	A 1060 B 1060	10.651 0.017 13.651 0.263	11.276 0.068	10.558 0.057					3.299 774 05 -30.349 832 05 3.298 648 20 -30.349 479 51	5.84 5.84	46.88 -9.02 46.88 -9.02	3.94 2.48 3.90 4.68 2.54 108.51 53.79 3.90 4.68 2.54	A 290 3.72										
00133+6919	1	F ND	D A 1068 S 1068	13.312 0.058 13.363 0.061							3.310 993 04 +69.327 592 24 3.311 387 24 +69.327 790 73	37.30 37.30	717.01 -292.41 717.01 -292.41	20.62 18.27 6.34 6.89 6.21 6.32 7.14 6.34 6.89 6.21	A 35 0.87										
00134+2659	1	L CA	A 1076 B 1076	6.772 0.006 7.669 0.014							3.349 721 58 +26.987 624 97 3.349 725 70 +26.987 535 76	8.08 8.08	-15.68 -32.71 -10.03 -37.10	2.08 1.24 1.15 1.64 0.68 6.03 2.74 1.15 3.15 1.12	A 178 0.321 -1 +0.005										
00135-0008	1	F ND	D B 1082 A 1082	11.554 0.036 11.589 0.037							3.367 084 71 -0.147 681 55 3.368 484 74 -0.147 203 52	1.92 1.92	-88.75 -436.55 -88.75 -436.55	15.32 11.26 5.38 9.33 5.70 12.23 9.87 5.38 9.33 5.70	B 71.1 5.33										
00135-3650	1	F CB	A 1083 B 1083	11.352 0.102 11.931 0.174							3.371 819 26 -36.827 931 41 3.371 744 79 -36.827 918 75	36.74 36.74	-209.24 -319.00 -209.24 -319.00	8.75 10.10 2.54 2.28 1.95 22.71 26.57 2.54 2.28 1.95	A 282 0.22										
00137+0635	1	F CA	A 1095 B 1095	9.395 0.010 9.625 0.013							3.418 611 97 +6.580 421 42 3.418 949 33 +6.580 305 60	5.97 5.97	31.55 -11.05 31.55 -11.05	3.74 2.23 3.04 3.03 1.90 11.72 3.82 3.04 3.03 1.90	A 109.1 1.28										
00137+1838	1	F ND	D A 1098 B 1098	8.307 0.008 11.195 0.115	9.472 0.021	8.210 0.013					3.429 241 88 +18.635 805 42 3.429 133 95 +18.635 491 65	7.52 7.52	3.72 -33.25 3.72 -33.25	1.37 1.02 1.27 1.30 0.89 25.30 20.90 1.27 1.30 0.89	A 198 1.19										
00143-2732	1	F CA	A 1144 B 1144	7.932 0.233 8.877 0.557							3.584 263 64 -27.531 088 65 3.584 241 13 -27.531 056 08	20.23 20.23	-28.31 -144.53 -28.31 -144.53	9.75 12.82 1.20 1.44 0.79 20.18 29.23 1.20 1.44 0.79	A 328 0.14										
00144+4351	1	F CA	A 1152 B 1152	8.442 0.003 10.477 0.022	8.925 0.009	8.364 0.008					3.598 424 20 +43.845 875 55 3.598 099 58 +43.847 062 91	7.15 7.15	-16.35 25.65 -16.35 25.65	1.07 0.81 1.41 1.09 0.83 8.71 4.79 1.41 1.09 0.83	A 348.8 4.36										
00144+6020	1	L CA	A 1148 B 1148	8.729 0.007 11.126 0.057							3.588 865 46 +60.341 630 69 3.588 660 34 +60.341 746 46	22.51 22.51	182.08 27.46 199.69 6.85	1.42 1.56 1.49 1.34 1.26 14.12 15.39 1.49 11.24 7.60	A 319 0.55 0 -0.03										
00146+5350	1	F CA	A 1167 B 1167	8.348 0.005 11.263 0.074	8.370 0.006	8.322 0.007					3.648 595 35 +53.827 568 51 3.648 831 45 +53.828 200 87	1.62 1.62	6.60 -3.74 6.60 -3.74	0.90 1.05 1.56 1.12 1.16 16.44 20.89 1.56 1.12 1.16	A 12.4 2.33										
00147-1245	1	F CA	A 1177 B 1177	8.151 0.005 11.145 0.075	9.590 0.016	8.097 0.009					3.670 637 44 -12.748 199 36 3.670 895 22 -12.746 164 97	3.02 3.02	14.28 -7.68 14.28 -7.68	1.23 0.97 1.40 1.64 0.76 22.44 21.72 1.40 1.64 0.76	A 7.0 7.38										
00148-0018	1	F CB	A 1189 B 1189	8.233 0.006 11.805 0.168	8.497 0.012	8.175 0.013					3.708 890 00 -0.302 925 64 3.710 347 78 -0.302 263 35	4.97 4.97	45.76 -11.47 45.76 -11.47	1.72 1.05 1.66 1.80 1.06 53.70 32.99 1.66 1.80 1.06	A 65.6 5.76										
00148-3736	1	F CA	A 1186 B 1186	10.351 0.008 11.461 0.020	10.847 0.039	10.230 0.035					3.704 825 62 -37.608 958 49 3.705 392 17 -37.607 835 71	2.62 2.62	43.21 -42.79 43.21 -42.79	2.40 2.14 3.11 2.50 2.21 9.85 7.32 3.11 2.50 2.21	A 21.8 4.35										
00149+2133	1	F CA	A 1194 B 1194	7.268 0.003 10.408 0.050	8.959 0.013	7.259 0.007					3.734 666 95 +21.542 195 99 3.734 567 57 +21.541 739 37	4.35 4.35	11.15 -34.64 11.15 -34.64	0.95 0.67 1.08 1.00 0.78 14.73 9.36 1.08 1.00 0.78	A 191.4 1.68										
00149-3209	1	F CA	A 1190 B 1190	8.807 0.010 8.928 0.012							3.722 513 71 -32.152 699 10 3.722 666 23 -32.152 693 03	6.81 6.81	32.48 -31.91 32.48 -31.91	3.04 1.82 2.18 2.80 1.31 4.14 3.69 2.18 2.80 1.31	A 87 0.465										
00150+0849	1	I CA	A 1196 B 1197	6.100 0.005 7.715 0.020	6.382 0.005	6.053 0.005	8.021 0.011	7.581 0.009			3.744 923 70 +8.821 022 80 3.746 656 64 +8.818 337 93	12.47 15.91	97.67 -24.96 103.38 -27.34	1.47 0.89 1.28 1.27 0.88 9.52 4.44 3.90 6.41 3.57	A 147.47 11.464 -0.02 +0.005										
00150+6607	1	F CA	A 1200 B 1200	8.665 0.155 9.494 0.333							3.754 499 42 +66.113 971 24 3.754 478 53 +66.113 937 68	0.78 0.78	4.11 -5.76 4.11 -5.76	7.73 10.25 0.82 0.64 0.64 13.38 15.87 0.82 0.64 0.64	A 194 0.12										
00152+7801	1	F CA	A 1216 B 1216	8.502 0.005 10.477 0.031	9.816 0.020	8.444 0.011	11.165 0.073	10.135 0.046			3.796 262 48 +78.017 309 62 3.793 892 35 +78.015 094 56	3.42 3.42	22.74 -1.96 22.74 -1.96	1.03 1.03 1.12 1.02 0.95 6.19 7.56 1.12 1.02 0.95	A 192.53 8.17										
00153-4006	1	I CA	A 1225 B 1226	7.667 0.006 9.913 0.043	8.800 0.009	7.594 0.006	10.378 0.029	9.760 0.026			3.812 738 39 -40.095 959 84 3.812 895 74 -40.092 109 91	5.94 4.87	39.02 -7.14 34.91 -9.26	1.21 1.36 1.63 1.20 1.47 12.98 12.57 8.60 5.97 7.81	A 1.79 13.87 -0.02 0.00										
00155+5202	1	F ND	D A 1244 B 1244	9.181 0.007 12.722 0.164	9.073 0.011	9.183 0.016					3.877 426 80 +52.036 135 14 3.876 124 67 +52.036 111 24	2.84 2.84	-5.87 0.19 -5.87 0.19	1.16 1.22 1.77 1.20 1.24 43.68 43.39 1.77 1.20 1.24	A 268 2.88										



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
00156-2421	1	F CA	A 1248 B 1248	9.791 0.007 10.397 0.012				3.892 604 77 3.892 468 62	-24.346 345 39 -24.346 513 09	2.99 2.99	35.45 -47.69 35.45 -47.69	2.23 1.83 2.47 5.95 3.20 2.47	2.30 2.01 2.30 2.01	A 216.5	0.751												
00158-1159	1	F CA	A 1260 B 1260	8.927 0.009 10.805 0.046	8.994 0.014 11.455 0.115	8.862 0.017 10.847 0.102		3.953 875 22 3.950 434 84	-11.990 154 80 -11.992 362 53	2.24 2.24	4.27 -13.83 4.27 -13.83	1.93 1.13 1.98 19.08 8.36 1.98	2.62 1.09 2.62 1.09	A 236.73	14.49												
00159-0536	1	F CA	A 1265 B 1265	7.772 0.004 10.010 0.033	8.882 0.014 10.396 0.066	7.683 0.009 9.831 0.063		3.965 074 74 3.964 649 09	-5.601 201 29 -5.602 444 08	6.68 6.68	6.57 -5.84 6.57 -5.84	1.37 1.03 1.41 12.04 9.79 1.41	1.47 1.03 1.47 1.03	A 198.8	4.73												
00160-6754	1	F CB	A 1278 B 1278	8.548 0.009 11.611 0.144	8.696 0.009	8.496 0.011		4.008 219 60 4.005 313 93	-67.899 378 47 -67.896 867 27	2.19 2.19	-15.33 -13.62 -15.33 -13.62	1.21 1.28 1.41 31.99 32.44 1.41	1.25 1.38 1.25 1.38	A 336.5	9.86												
00161-7115	1	F CA	A 1281 B 1281	9.591 0.006 11.015 0.019				4.013 171 21 4.013 209 04	-71.251 399 22 -71.251 568 80	5.18 5.18	52.63 -14.50 52.63 -14.50	1.43 1.38 1.48 7.06 5.31 1.48	1.58 1.46 1.58 1.46	A 176	0.61												
00162+7657	1	L CA	A 1296 B 1296	6.980 0.003 7.230 0.004				4.057 852 81 4.058 787 73	+76.950 762 67 +76.950 909 15	5.28 5.28	19.77 -3.13 19.58 1.95	1.00 1.03 0.96 1.86 1.88 0.96	1.10 0.94 1.32 1.18	A 55.2	0.925	-0.3	+0.003										
00164+4336	1	F CC	A 1302 B 1302	6.176 0.002 10.203 0.096	6.212 0.003 10.557 0.075	6.149 0.004 9.826 0.056		4.089 585 66 4.092 931 92	+43.595 106 16 +43.595 398 51	10.75 10.75	35.61 -23.43 35.61 -23.43	0.76 0.57 0.98 45.82 19.24 0.98	0.89 0.56 0.89 0.56	A 74.8	9.04												
00164-2235	1	F CA	A 1306 B 1306	8.242 0.055 9.959 0.268				4.097 690 03 4.097 678 63	-22.587 910 29 -22.587 958 09	13.71 13.71	18.94 -39.74 18.94 -39.74	3.69 5.60 1.21 17.82 16.13 1.21	1.35 0.69 1.35 0.69	A 192	0.18												
00164-7024	1	F CA	A 1309 B 1309	7.803 0.145 8.260 0.221				4.101 544 65 4.101 652 39	-70.392 386 92 -70.392 398 16	5.08 5.08	2.32 9.17 2.32 9.17	10.14 5.05 0.61 11.78 7.16 0.61	0.55 0.53 0.55 0.53	A 107	0.14												
00166+0814	1	F CB	A 1319 B 1319	6.319 0.006 9.923 0.156				4.141 905 28 4.141 784 35	+8.240 189 97 +8.240 132 04	7.38 7.38	-28.01 -14.69 -28.01 -14.69	1.28 0.71 0.92 43.66 20.71 0.92	0.79 0.53 0.79 0.53	A 244	0.48												
00167+3629	1	L CA	A 1336 B 1336	8.283 0.004 9.013 0.008				4.185 270 42 4.185 329 50	+36.491 388 29 +36.491 281 77	11.15 11.15	89.22 46.91 99.77 61.51	1.35 1.01 1.30 3.10 1.98 1.30	0.96 0.69 1.65 1.10	A 156.0	0.420	-2.1	-0.009										
00167+3638	1	F CA	A 1333 B 1333	7.144 0.002 9.558 0.018	7.152 0.005	7.094 0.006		4.179 355 12 4.179 888 50	+36.629 874 37 +36.629 381 04	7.18 7.18	-27.92 -25.46 -27.92 -25.46	0.77 0.56 0.87 6.88 4.02 0.87	0.74 0.53 0.74 0.53	A 139.1	2.35												
00167+5440	1	F CA	A 1329 B 1329	7.744 0.003 9.276 0.014	7.894 0.006 9.574 0.015	7.667 0.007 9.078 0.015		4.173 530 50 4.175 317 20	+54.660 156 05 +54.661 401 14	8.28 8.28	-0.60 -4.06 -0.60 -4.06	0.70 0.78 1.13 3.67 4.16 1.13	0.85 0.83 0.85 0.83	A 39.69	5.825												
00170+2146	1	F CA	A 1358 B 1358	9.851 0.014 10.750 0.031	9.920 0.030 10.455 0.081	9.479 0.031 9.884 0.066		4.255 794 33 4.256 303 08	+21.774 211 26 +21.773 745 23	8.04 8.04	104.79 -51.75 104.79 -51.75	2.42 1.93 2.38 9.09 5.61 2.38	2.40 1.74 2.40 1.74	A 134.6	2.39												
00170+5315	1	F CC	A 1357 B 1357	7.828 0.055 10.699 0.775				4.250 848 80 4.250 923 94	+53.243 281 12 +53.243 256 24	3.20 3.20	-10.76 -4.68 -10.76 -4.68	4.53 3.62 1.05 56.58 56.29 1.05	0.75 0.74 0.75 0.74	A 119	0.19												
00174+0019	1	INB	A 1397 B 1397	7.944 0.005 10.279 0.041	8.459 0.013	7.887 0.013		4.369 837 33 4.368 370 51	+0.320 975 36 +0.319 488 29	11.30 11.30	19.27 107.81 -32.10 -9.11	1.40 1.08 1.39 13.56 8.31 8.39	1.29 0.97 8.23 5.01	A 224.61	7.52	-0.35	+0.12										
00174+0852	1	FNB G	A 1392 B 1392 C 1392 A 1392	7.777 0.131 7.849 0.009 8.382 0.227				4.352 083 97 4.351 176 51 4.352 121 21	+8.876 344 34 +8.875 694 43 +8.876 315 63	15.31 15.31 15.31	75.32 75.53 75.32 75.53 75.32 75.53	4.13 5.26 1.35 6.52 5.03 1.35 7.00 5.09 1.35	1.08 0.82 1.08 0.82 1.08 0.82	B 234.1 B 128	3.987 0.17												
00174+1631	1	I CA	A 1390 B 1388	8.875 0.012 9.917 0.029	9.492 0.020 10.446 0.050	8.795 0.017 9.623 0.038		4.343 070 16 4.340 307 37	+16.510 414 65 +16.508 424 54	9.72 12.73	38.16 -2.89 45.52 0.41	3.22 2.75 3.09 13.70 8.35 5.66	3.35 2.60 9.04 6.02	A 233.08	11.93	-0.01	-0.01										
00174+1852	1	F CC	A 1389 B 1389	10.688 0.016 13.277 0.170	12.175 0.207	10.978 0.118		4.342 874 20 4.342 542 86	+18.859 564 77 +18.859 476 42	23.30 23.30	533.20 -26.87 533.20 -26.87	2.91 2.24 3.17 51.52 38.47 3.17	3.32 2.15 3.32 2.15	A 254	1.17												
00174-5131	1	FFD D	A 1393 B 1393	9.734 0.065 11.162 0.242				4.351 540 44 4.351 490 94	-51.522 347 72 -51.522 409 28	8.38 8.38	90.80 -32.34 90.80 -32.34	8.85 12.88 2.39 25.06 23.61 2.39	1.69 2.03 1.69 2.03	A 207	0.25												
00178+5343	1	F CA	A 1417 B 1417	8.022 0.010 10.190 0.071	9.674 0.014 10.562 0.029	7.999 0.007 10.122 0.029		4.436 776 81 4.443 823 55	+53.711 243 84 +53.712 746 89	-0.23 -0.23	-5.23 -3.55 -5.23 -3.55	1.04 1.21 1.86 15.60 20.02 1.86	1.27 1.32 1.27 1.32	A 70.2	15.96												
00179+3435	1	F CA	A 1441 B 1441	8.622 0.004 11.541 0.062				4.487 222 65 4.487 051 54	+34.575 571 49 +34.575 609 86	8.19 8.19	15.90 -19.97 15.90 -19.97	1.55 1.07 1.55 22.80 22.16 1.55	1.39 0.85 1.39 0.85	A 285	0.53												
00180+0931	1	I CA	A 1447 B 1446	9.261 0.019 10.090 0.035	9.626 0.027 10.429 0.049	9.167 0.027 9.891 0.049		4.502 810 28 4.501 117 74	+9.514 912 04 +9.512 082 55	4.17 4.17	-28.86 -68.17 -26.28 -68.24	5.24 2.97 4.73 15.22 9.55 10.49	4.91 2.59 10.91 5.96	A 210.54	11.83	-0.01	0.00										
00182+7257	1	F CA	A 1461 S 1461	8.104 0.040 8.762 0.073				4.561 188 25 4.561 379 87	+72.946 796 41 +72.946 778 16	6.06 6.06	-1.79 -13.95 -1.79 -13.95	4.35 2.16 0.75 6.52 4.11 0.75	0.77 0.64 0.77 0.64	A 108	0.213												
00183-2108	1	F CA	A 1464 B 1464	6.990 0.003 8.254 0.010				4.570 612 89 4.570 687 81	-21.138 455 30 -21.138 296 70	4.29 4.29	1.37 -1.85 1.37 -1.85	1.25 0.96 1.34 5.94 2.36 1.34	1.30 0.87 1.30 0.87	A 24	0.624												
00184+4931	1	F CA	A 1478 B 1478	8.024 0.005 11.165 0.084	8.565 0.014	7.962 0.013		4.589 834 89 4.588 086 90	+49.509 777 82 +49.508 451 72	8.87 8.87	-19.73 -12.96 -19.73 -12.96	0.99 0.77 1.18 25.20 16.89 1.18	1.05 0.76 1.05 0.76	A 220.6	6.28												
00185+2129	1	F CB	A 1482 B 1482	8.976 0.009 12.196 0.172	9.402 0.018	8.883 0.017		4.613 657 89 4.613 703 42	+21.477 665 57 +21.477 352 30	9.58 9.58	44.94 -21.28 44.94 -21.28	1.68 1.36 1.73 31.84 46.74 1.73	1.70 1.18 1.70 1.18	A 172	1.14												

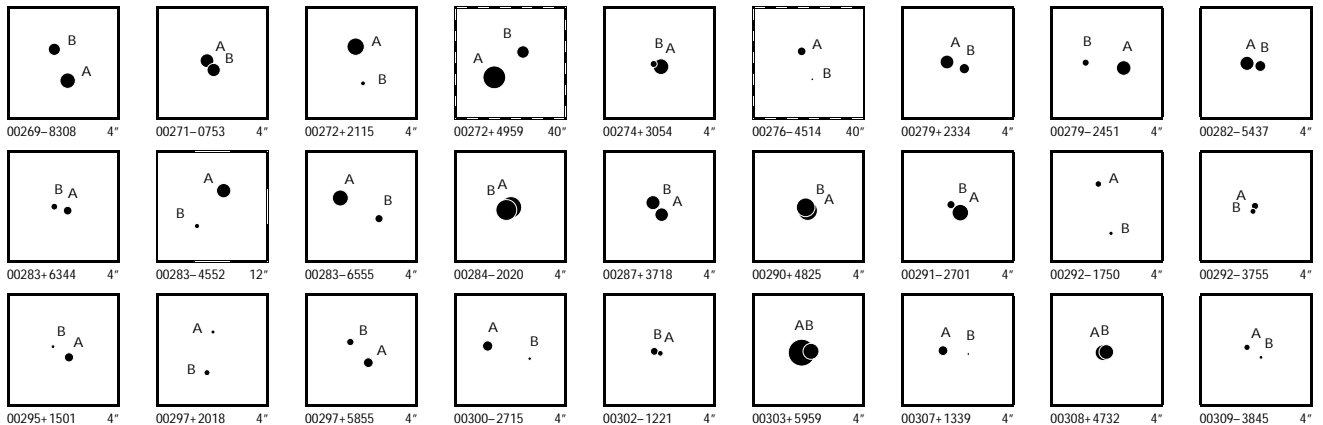


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt	
1	2-3-5	6	7	8	9	mag	mag	mag	mag	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
00185+2608	1	F CA	A 1488 B 1488	7.782 0.005 8.505 0.010	7.898 0.010	7.723 0.013	4.627 516 75 +26.140 355 86 4.626 030 52 +26.139 813 83	8.17 8.17	-17.32 -25.76 -17.32 -25.76	1.48 1.21 1.52 1.67 1.18 4.69 3.24 1.52 1.67 1.18	A 247.89 5.18													
00187+1559	1	F CA	A 1503 B 1503	9.460 0.011 9.600 0.012			4.678 313 59 +15.990 707 55 4.678 227 28 +15.990 393 69	6.33 6.33	28.96 -29.09 28.96 -29.09	4.59 3.55 3.93 4.39 2.53 10.94 11.44 3.93 4.39 2.53	A 195 1.17													
00189-4905	1	F CA	A 1516 B 1516	10.215 0.008 10.626 0.011			4.730 766 24 -49.086 889 54 4.730 769 61 -49.086 692 14	11.25 11.25	-31.17 -25.08 -31.17 -25.08	2.04 4.51 3.76 2.09 5.13 4.90 6.58 3.76 2.09 5.13	A 0.6 0.711													
00191-7759	1	F CA	A 1531 B 1531	7.936 0.004 11.163 0.078			4.772 117 67 -77.988 977 14 4.772 902 56 -77.988 778 84	4.02 4.02	41.58 12.22 41.58 12.22	0.76 0.79 0.82 0.81 0.86 16.82 14.13 0.82 0.81 0.86	A 39 0.92													
00192+5942	1	F CA P	A 1543 B 1543	8.209 0.005 9.477 0.016	8.475 0.011 9.666 0.021	8.111 0.011 9.189 0.024	4.809 268 63 +59.704 969 76 4.809 222 91 +59.704 348 58	5.98 5.98	63.64 -15.36 63.64 -15.36	1.01 1.06 1.33 1.23 1.23 4.50 4.51 1.33 1.23 1.23	A 182.1 2.238													
00192-3355	1	F CB	A 1544 B 1544	8.911 0.007 12.494 0.196	9.317 0.015	8.819 0.014	4.813 145 48 -33.908 950 92 4.813 495 04 -33.908 653 78	4.90 4.90	31.48 -17.97 31.48 -17.97	1.56 1.27 1.73 1.49 1.29 31.53 40.99 1.73 1.49 1.29	A 44 1.49													
00201+7054	1	F CA	A 1606 B 1606	10.033 0.049 10.467 0.074			5.023 745 45 +70.899 111 24 5.023 909 20 +70.899 151 09	1.94 1.94	1.20 -15.03 1.20 -15.03	5.03 4.15 1.36 1.50 1.18 7.68 6.80 1.36 1.50 1.18	A 53 0.24													
00202-3554	1	F CA	A 1610 B 1610	8.529 0.005 8.670 0.006			5.040 626 14 -35.902 805 94 5.040 808 60 -35.902 712 63	2.54 2.54	-9.96 -4.65 -9.96 -4.65	1.75 1.60 2.07 1.81 1.57 2.34 2.18 2.07 1.81 1.57	A 57.7 0.629													
00203+5412	1	L CA	A 1621 B 1621	8.947 0.007 10.800 0.035	8.873 0.008 11.016 0.041	8.914 0.010 10.344 0.035	5.069 245 31 +54.200 998 86 5.072 148 85 +54.203 897 79	0.20 0.20	0.75 -2.89 42.97 -14.10	1.09 1.36 1.84 1.11 1.11 9.34 12.81 1.84 7.18 7.87	A 30.36 12.10 +0.20 +0.01													
00203-3246	1	L CA	A 1625 B 1625	8.831 0.006 10.635 0.032			5.076 585 22 -32.769 129 47 5.076 505 14 -32.769 246 12	19.39 19.39	252.56 -84.34 223.89 -108.91	1.79 1.66 1.62 1.95 1.49 11.01 7.51 1.62 13.52 5.73	A 210 0.48 +1 +0.04													
00205+4531	1	F CA	A 1642 B 1642	7.267 0.003 9.346 0.019			5.137 252 48 +45.508 980 81 5.137 450 14 +45.508 894 65	9.20 9.20	73.72 -21.95 73.72 -21.95	0.84 0.83 1.02 0.77 0.83 5.01 7.29 1.02 1.07 0.83	A 122 0.59													
00206+1219	1	L CA	A 1646 B 1646	8.714 0.016 9.249 0.027			5.159 260 11 +12.311 045 78 5.159 365 13 +12.311 056 24	8.83 8.83	-29.75 10.39 -23.36 1.68	3.29 2.07 2.07 1.90 1.52 6.19 4.53 2.07 3.21 2.97	A 84 0.371 +1 +0.005													
00209+1059	1	F CA	A 1670 B 1670	6.810 0.003 8.462 0.012			5.227 552 74 +10.976 967 97 5.227 743 78 +10.976 892 10	5.22 5.22	-35.92 -27.47 -35.92 -27.47	1.17 0.77 1.22 1.13 0.66 6.14 4.97 1.22 1.13 0.66	A 112 0.728													
00209+3259	1	F CA	A 1669 B 1669	7.323 0.004 8.334 0.009	7.677 0.013 8.551 0.034	7.195 0.013 7.998 0.027	5.225 491 83 +32.978 163 04 5.224 922 78 +32.978 320 95	14.00 14.00	10.09 -64.80 10.09 -64.80	1.20 0.82 1.32 1.34 0.87 3.11 2.90 1.32 1.34 0.87	A 288.3 1.810													
00210+4737	1	F CC	A 1676 B 1676	9.942 0.055 12.223 0.449			5.247 690 21 +47.616 879 22 5.247 717 29 +47.616 825 99	3.24 3.24	5.39 -4.49 5.39 -4.49	6.08 5.92 1.82 1.50 1.08 50.44 53.71 1.82 1.50 1.08	A 161 0.20													
00210+6740	1	L CA	A 1674 B 1674	8.624 0.007 9.000 0.010	9.235 0.020 9.666 0.046	8.371 0.021 8.749 0.029	5.237 884 52 +67.667 292 01 5.239 077 69 +67.667 311 68	31.49 31.49	20.42 73.82 30.98 74.36	1.44 1.45 1.51 1.24 1.15 3.16 3.53 1.51 2.32 2.22	A 87.5 1.634 0.0 +0.011													
00212-4743	1	F CB	A 1693 B 1693	9.747 0.030 12.241 0.296			5.305 941 36 -47.715 714 22 5.305 814 30 -47.715 671 95	5.41 5.41	42.17 -36.13 42.17 -36.13	5.27 3.61 2.40 1.76 1.60 36.76 32.40 2.40 1.76 1.60	A 296 0.34													
00213+2541	1	F CB	A 1695 B 1695	9.195 0.008 12.270 0.123			5.323 321 38 +25.682 932 30 5.323 533 10 +25.682 913 54	5.42 5.42	1.75 -23.86 1.75 -23.86	1.71 1.16 1.72 1.94 1.15 35.85 28.23 1.72 1.94 1.15	A 96 0.69													
00214+2744	1	F CA	A 1699 P 1699	8.719 0.013 10.224 0.051			5.339 030 37 +27.733 629 94 5.339 137 81 +27.733 693 75	0.75 0.75	3.40 -6.45 3.40 -6.45	2.78 1.80 1.93 2.07 1.26 10.59 6.50 1.93 2.07 1.26	A 56 0.41													
00214+6700	1	F CA	A 1700 B 1700 C 1700	7.622 0.011 8.604 0.017 10.513 0.212	10.417 0.040	9.922 0.041	5.342 389 90 +67.005 412 29 5.342 562 35 +67.005 267 18 5.351 184 75 +67.003 831 41	4.91 4.91 4.91	25.67 -1.69 25.67 -1.69 25.67 -1.69	1.00 1.21 1.26 1.00 1.27 6.38 6.31 1.26 1.00 1.27 14.67 14.61 1.26 1.00 1.27	A 155 0.58 A 114.7 13.62													
00215+2658	1	F CB	A 1709 B 1709	8.182 0.007 11.708 0.183	10.103 0.022	8.202 0.009	5.383 317 85 +26.962 144 66 5.383 248 54 +26.959 056 40	1.21 1.21	14.20 -5.45 14.20 -5.45	1.88 1.21 1.91 1.93 1.19 81.33 55.98 1.91 1.93 1.19	A 181.1 11.12													
00215-4900	1	F CA	A 1705 B 1705	9.472 0.010 11.065 0.044			5.365 274 46 -48.996 453 15 5.365 711 23 -48.996 477 52	5.36 5.36	-26.03 -42.60 -26.03 -42.60	1.59 1.87 2.37 1.69 1.96 7.89 9.97 2.37 1.69 1.96	A 95 1.04													
00217-4711	1	F ND	A 1723 B 1723	9.888 0.015 13.244 0.315	11.154 0.050	9.880 0.027	5.415 711 02 -47.177 712 70 5.417 214 43 -47.178 002 86	19.82 19.82	158.00 64.58 158.00 64.58	1.88 1.73 2.27 1.77 1.68 72.74 65.02 2.27 1.77 1.68	A 106 3.82													
00219-2300	1	F CA	A 1732 B 1732	7.735 0.005 9.432 0.022	8.298 0.013 10.100 0.030	7.654 0.013 9.155 0.022	5.468 329 89 -23.007 699 85 5.469 125 19 -23.006 170 95	13.41 13.41	133.24 -115.04 133.24 -115.04	1.56 1.00 1.50 1.79 0.94 10.87 5.53 1.50 1.79 0.94	A 25.6 6.10													
00220+2711	1	L CA	A 1740 B 1740	8.820 0.004 11.737 0.063	9.022 0.011	8.795 0.012	5.500 230 45 +27.185 957 31 5.497 973 69 +27.184 879 01	3.84 3.84	54.40 15.58 -30.29 -5.04	2.16 1.19 2.04 1.54 0.98 46.02 25.04 2.04 25.10 14.35	A 241.8 8.20 +0.2 +0.08													
00221+6211	1	F CA	A 1743 B 1743	8.511 0.019 10.676 0.141			5.514 259 09 +62.185 084 71 5.514 093 06 +62.185 041 74	-0.37 -0.37	-2.79 -1.82 -2.79 -1.82	3.63 2.15 1.25 1.15 1.04 15.08 12.47 1.25 1.15 1.04	A 241 0.32													
00221-6317	1	F CA	A 1747 B 1747	9.935 0.008 10.676 0.016			5.521 739 59 -63.285 132 22 5.521 725 50 -63.285 320 07	6.37 6.37	47.38 18.30 47.38 18.30	1.70 2.57 2.22 1.90 3.19 4.85 4.74 2.22 1.90 3.19	A 181.9 0.677													



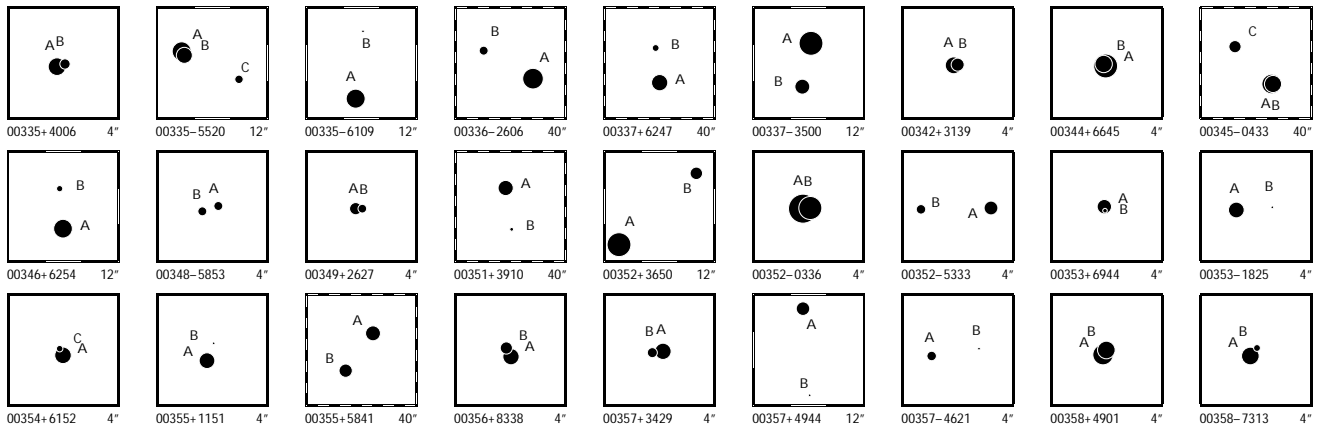
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt					
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
00222-4353	1	LCA	A	1753	9.335	0.015	9.669	0.022	9.262	0.023		5.551	699 75	-43.881	001 37	5.73	-12.01	6.35	1.76	1.95	2.27	1.51	1.75	A	357.62	16.37	-0.07	-0.07
			B	1753	11.170	0.074	11.794	0.125	11.024	0.094		5.551	437 44	-43.876	458 50	5.73	-27.99	-62.82	24.16	27.11	2.27	13.38	21.31					
00226-0639	1	FCA	A	1778	10.107	0.033						5.644	801 51	-6.643	076 13	3.96	-25.87	-19.33	3.55	4.69	2.05	1.98	1.18	A	163	0.26		
			B	1778	12.035	0.192						5.644	822 98	-6.643	144 11	3.96	-25.87	-19.33	21.40	22.38	2.05	1.98	1.18					
00229+6215	1	FCA	P	A	1805	8.171	0.009	8.182	0.012	8.117	0.014	5.722	254 24	+62.241	388 39	2.24	-3.61	-1.73	0.95	0.98	1.25	1.13	1.06	A	84.0	9.54		
			B	1805	11.129	0.103						5.727	910 68	+62.241	663 51	2.24	-3.61	-1.73	21.22	15.56	1.25	1.13	1.06					
00233+0556	1	FCA	A	1847	10.580	0.008						5.834	229 56	+5.925	405 40	-0.77	-25.59	-59.41	5.50	6.07	6.01	5.63	5.14	A	344	0.60		
			B	1847	11.029	0.012						5.834	184 26	+5.925	566 48	-0.77	-25.59	-59.41	8.97	9.24	6.01	5.63	5.14					
00233+6113	1	FCC	A	1846	11.381	0.023						5.833	973 59	+61.215	478 43	16.56	297.04	39.93	3.28	3.43	4.30	3.66	3.43	A	355	2.44		
			B	1846	13.208	0.121						5.833	841 80	+61.216	154 30	16.56	297.04	39.93	35.56	41.99	4.30	3.66	3.43					
00233-7643	1	FCA	A	1838	8.828	0.007						5.817	104 22	-76.724	276 38	5.68	23.58	9.81	1.84	2.50	1.90	1.66	2.58	A	337.1	0.564		
			B	1838	8.874	0.007						5.816	839 01	-76.724	132 11	5.68	23.58	9.81	3.11	3.31	1.90	1.66	2.58					
00237+5201	1	FCA	A	1872	10.770	0.012	11.201	0.093	10.603	0.088		5.915	421 17	+52.014	533 70	1.49	6.66	-5.51	2.29	2.05	3.16	2.49	2.01	A	270	2.94		
			B	1872	13.234	0.116						5.914	095 64	+52.014	533 58	1.49	6.66	-5.51	35.76	33.17	3.16	2.49	2.01					
00237-6226	1	FCC	A	1877	7.780	0.004						5.927	047 10	-62.425	273 63	10.02	211.80	84.86	0.87	0.92	1.06	0.93	1.04	A	261	0.65		
			B	1877	11.610	0.145						5.926	662 61	-62.425	303 05	10.02	211.80	84.86	33.61	43.51	1.06	0.93	1.04					
00240+4912	1	FCA	A	1896	8.762	0.079						5.994	419 43	+49.201	434 82	1.07	-4.89	-3.53	6.46	7.52	0.94	0.82	0.61	A	254	0.17		
			B	1896	10.829	0.531						5.994	348 31	+49.201	421 72	1.07	-4.89	-3.53	40.83	35.63	0.94	0.82	0.61					
00240-0329	1	FCA	A	1900	7.448	0.004	7.524	0.006	7.413	0.007		5.999	231 39	-3.475	279 39	8.14	18.94	-6.22	1.17	0.72	1.17	1.10	0.70	A	341	3.34		
			B	1900	10.881	0.079	10.918	0.167	10.283	0.169		5.998	932 87	-3.474	399 96	8.14	18.94	-6.22	34.77	13.15	1.17	1.10	0.70					
00243+5201	1	FCA	A	1921	5.948	0.031						6.065	166 82	+52.019	916 88	2.38	13.70	-4.40	2.16	1.70	0.69	0.41	0.42	A	54	0.157		
			B	1921	6.835	0.070						6.065	224 29	+52.019	942 31	2.38	13.70	-4.40	4.20	3.40	0.69	0.41	0.42					
00251+4803	1	FCA	A	1987	7.721	0.018						6.285	414 61	+48.047	461 61	23.69	274.31	11.16	2.83	2.07	1.08	0.76	0.87	A	242	0.28		
			B	1987	10.629	0.264						6.285	312 66	+48.047	426 08	23.69	274.31	11.16	24.65	23.35	1.08	0.76	0.87					
00253+3230	1	FCA	A	1997	9.533	0.012	9.967	0.036	9.430	0.035		6.328	029 15	+32.503	529 13	4.89	36.48	-6.05	3.02	2.66	3.05	3.31	2.46	A	167.3	5.23		
			B	1997	9.786	0.014	10.195	0.096	9.570	0.087		6.328	407 18	+32.502	113 08	4.89	36.48	-6.05	5.81	5.46	3.05	3.31	2.46					
00254+2036	1	FCA	A	2002	9.061	0.007	9.494	0.020	8.930	0.019		6.345	661 45	+20.592	317 46	11.27	39.72	-45.42	1.93	1.38	1.96	1.88	1.21	A	228.1	2.80		
			B	2002	11.236	0.049						6.345	042 24	+20.591	797 21	11.27	39.72	-45.42	20.58	16.06	1.96	1.88	1.21					
00256+3629	1	FCA	A	2018	8.471	0.005						6.406	899 85	+36.483	752 03	5.11	24.24	-9.72	1.21	1.03	1.41	1.16	0.86	A	76.0	1.01		
			B	2018	10.644	0.028						6.407	237 47	+36.483	819 92	5.11	24.24	-9.72	10.73	7.68	1.41	1.16	0.86					
00257-5050	1	ICA	A	2028	8.460	0.018	8.783	0.009	8.372	0.009		6.430	473 12	-50.838	125 42	13.82	148.20	16.95	2.22	2.22	2.56	2.75	2.50	A	171.81	16.58	-0.02	0.00
			B	2029	9.747	0.051	10.213	0.021	9.593	0.020		6.431	511 79	-50.842	684 90	11.78	153.75	17.21	13.61	13.19	8.62	9.01	7.85					
00258+1025	1	FCA	A	2035	9.711	0.088						6.457	429 13	+10.423	374 94	8.14	65.56	48.76	4.22	6.40	1.33	1.35	0.98	A	157	0.15		
			B	2035	10.708	0.221						6.457	445 73	+10.423	336 04	8.14	65.56	48.76	10.10	13.55	1.33	1.35	0.98					
00258+3852	1	FFD	D	A	2033	8.769	0.007	9.075	0.014	8.707	0.015	6.454	915 91	+38.862	917 79	5.15	7.02	-18.71	2.37	1.62	2.85	2.44	1.71	A	153.6	6.14		
			B	2033	11.778	0.106						6.455	889 07	+38.861	390 88	5.15	7.02	-18.71	47.86	29.76	2.85	2.44	1.71					
00259-3112	1	FCA	A	2041	10.564	0.159						6.476	149 56	-31.198	574 46	2.20	9.61	-4.61	7.45	11.77	1.74	1.75	1.27	A	357	0.16		
			B	2041	11.073	0.253						6.476	147 09	-31.198	531 04	2.20	9.61	-4.61	15.34	18.64	1.74	1.75	1.27					
00260+1905	1	FCA	P	A	2048	8.986	0.006					6.489	891 94	+19.075	741 50	11.94	99.31	8.82	1.53	1.12	1.56	1.51	0.93	A	254	0.80		
			B	2048	11.711	0.071						6.489	665 24	+19.075	681 12	11.94	99.31	8.82	16.69	18.54	1.56	1.51	0.93					
00261+2359	1	FCA	A	2060	9.224	0.009	10.309	0.026	9.144	0.015		6.522	508 83	+23.983	388 16	0.69	-3.58	5.74	1.76	1.16	1.93	1.89	1.11	A	334	1.11		
			B	2060	11.804	0.089						6.522	359 60	+23.983	664 02	0.69	-3.58	5.74	20.95	15.54	1.93	1.89	1.11					
00261+4410	1	FCC	A	2059	8.626	0.006	10.131	0.020	8.586	0.010		6.517	225 96	+44.176	639 05	5.20	-4.91	-14.49	1.05	1.11	1.56	0.97	1.13	A	143	4.53		
			B	2059	12.299	0.171						6.518	270 13	+44.175	627 21	5.20	-4.91	-14.49	35.62	40.68	1.56	0.97	1.13					
00262+5647	1	FCA	A	2074	6.914	0.003	7.880	0.007	6.874	0.004		6.550	421 58	+56.779	340 00	4.45	-49.											

System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt							
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
00269-8308	1	F CA	A 2115 B 2115	8.606 9.276	0.005 0.010	8.813 8.255	0.011 0.010	6.712 6.713	100 232	29 62	-83.139 -83.138	133 813	09 77	9.53 9.53	44.48 44.48	-0.61 -0.61	1.29 3.47	1.15 4.08	1.19 1.19	1.32 1.32	1.06 1.06	A	23.0	1.25						
00271-0753	1	F CA	A 2143 B 2143	8.946 9.037	0.013 0.014			6.782 6.782	450 63	-7.876 -7.876	045 133	19 31	18.36 18.36	-32.98 -32.98	21.03 21.03		3.78 6.43	2.32 2.92	2.75 2.75	2.63 2.63	1.96 1.96	A	218	0.40						
00272+2115	1	F CA	A 2147 B 2147	8.183 10.910	0.008 0.092	8.360 8.100	0.011 0.012	6.796 6.796	321 247	18 +21.257	258 696	075 08	81 08	5.76 5.76	33.85 33.85	-0.23 -0.23	1.59 21.34	1.20 33.58	1.59 1.59	1.69 1.69	0.97 0.97	A	190	1.39						
00272+4959	1	I CA	A 2151 B 2149	6.955 9.221	0.008 0.047	6.917 9.510	0.005 0.023	6.937 8.924	0.006 0.020	6.801 6.797	859 216	31 76	+49.985 +49.988	729 332	98 16	5.22 7.26	4.06 53.35	-1.89 -4.13	1.29 11.75	1.15 12.42	1.35 7.10	1.19 7.73	1.11 9.13	A	311.08	14.26	+0.12	-0.04		
00274+3054	1	F CA	A 2170 B 2170	8.548 10.456	0.032 0.184			6.847 6.847	586 672	48 12	+30.893 +30.893	351 383	84 12	1.61 1.61	-1.51 -1.51	-10.03 -10.03	5.08 22.39	2.56 12.54	1.24 1.24	1.21 1.21	0.95 0.95	A	67	0.29						
00276-4514	1	F CC	A 2187 B 2187	10.057 12.961	0.017 0.237	10.631 9.932	0.034 0.028	6.911 6.909	395 907	32 79	-45.234 -45.237	503 345	41 19	0.33 0.33	3.26 3.26	-5.23 -5.23	1.92 46.06	1.92 45.07	2.39 2.39	2.27 2.27	2.26 2.26	A	200.2	10.90						
00279+2334	1	L CA	A 2206 B 2206	8.968 9.740	0.006 0.012			6.970 6.970	802 613	45 10	+23.571 +23.571	621 551	22 22	5.35 5.35	-8.58 2.93	-22.16 -20.53	2.03 4.50	1.33 3.84	1.91 1.91	1.66 1.66	0.99 2.68	A	248.0	0.674	-0.2	-0.011				
00279-2451	1	F CA	A 2207 B 2207	8.786 10.442	0.008 0.034	9.183 8.604	0.016 0.015	6.974 6.975	576 007	25 54	-24.848 -24.848	406 353	70 03	10.58 10.58	93.22 93.22	31.69 31.69	2.02 13.35	1.58 5.95	2.15 2.15	2.02 2.02	1.71 1.71	A	82.2	1.42						
00282-5437	1	L CA	A 2226 B 2226	8.884 9.581	0.006 0.011			7.056 7.056	556 309	65 57	-54.622 -54.622	572 604	93 52	8.17 8.17	44.86 52.27	25.39 32.66	2.01 4.06	1.77 5.03	1.95 1.95	1.88 3.50	1.43 3.16	A	257.5	0.527	+0.6	-0.009				
00283+6344	1	F CA	A 2232 B 2232	10.060 10.494	0.011 0.015			7.070 7.071	815 130	40 29	+63.734 +63.734	952 992	56 31	9.04 9.04	72.15 72.15	2.05 2.05	3.26 5.34	2.47 6.54	3.06 3.06	3.84 3.84	2.12 2.12	A	74	0.522						
00283-4552	1	F CB	A 2236 B 2236	8.828 10.862	0.014 0.083	9.457 8.686	0.018 0.015	7.088 7.089	006 174	74 -45.870	073 173	30 91		11.49 11.49	139.34 139.34	-118.56 -118.56	2.32 20.84	1.77 21.44	2.55 2.55	2.71 2.71	1.72 1.72	A	143.6	4.93						
00283-6555	1	F CA	A 2228 B 2228	8.482 10.176	0.004 0.020	8.713 8.339	0.009 0.010	7.060 7.059	358 391	80 09	-65.912 -65.912	174 379	16 06	6.83 6.83	-16.07 -16.07	-8.80 -8.80	0.94 6.23	0.96 6.74	1.07 1.07	0.96 0.96	0.95 0.95	A	242.6	1.60						
00284-2020	1	F CA	A 2237 B 2237	7.231 7.398	0.056 0.065			7.088 7.088	184 232	52 56	-20.334 -20.334	764 790	72 60	31.01 31.01	-118.11 -118.11	-112.69 -112.69	5.47 5.47	5.35 5.56	0.87 0.87	0.95 0.95	0.57 0.57	A	120	0.187						
00287+3718	1	F CA	A 2252 B 2252	8.886 8.992	0.006 0.007			7.170 7.170	299 179	88 99	+37.304 +37.304	126 006	53 53	6.23 6.23	5.06 5.06	-7.33 -7.33	2.14 4.10	2.31 3.11	2.29 2.29	1.96 1.96	1.95 1.95	B	218	0.553						
00290+4825	1	F CB W	A 2271 B 2271	7.669 7.866	0.096 0.115			7.237 7.237	478 515	25 65	+48.413 +48.413	701 736	89 90	1.50 1.50	-0.93 -0.93	-3.36 -3.36	5.82 6.21	6.73 7.11	0.95 0.95	0.56 0.56	0.80 0.80	A	35	0.15						
00291-2701	1	F CA	A 2278 B 2278	8.349 10.186	0.006 0.033			7.280 7.280	551 663	17 06	-27.010 -27.010	291 204	79 14	1.53 1.53	-3.03 -3.03	-22.81 -22.81	1.66 10.30	1.33 6.70	1.54 1.54	1.90 1.90	1.25 1.25	A	49	0.48						
00292-1750	1	F CA	A 2287 B 2287	10.559 11.066	0.011 0.017	10.954 11.185	0.054 0.072	10.244 10.677	0.045 0.075	7.301 7.301	853 715	52 52	-17.825 -17.825	159 666	62 82	-6.82 -6.82	32.19 32.19	-34.11 -34.11	4.35 7.92	4.42 7.55	5.82 5.82	5.91 5.91	3.69 3.69	A	194.5	1.89				
00292-3755	1	F CA P	A 2286 B 2286	10.375 10.693	0.127 0.168			7.300 7.300	508 535	25 79	-37.908 -37.908	457 176	77 66	-2.13 -2.13	6.83 6.83	-14.45 -14.45	7.58 12.55	13.72 19.77	3.75 3.75	3.62 3.62	4.00 4.00	A	160	0.23						
00295+1501	1	F CA	A 2309 B 2309	9.956 11.132	0.009 0.025			7.364 7.364	436 605	34 31	+15.010 +15.010	311 419	94 53	4.89 4.89	-34.74 -34.74	1.95 1.95	2.28 8.41	1.76 6.25	2.32 2.32	2.40 2.40	1.61 1.61	A	56.6	0.70						
00297+2018	1	F CA	A 2327 B 2327	10.664 11.117	0.025 0.037	11.445 10.616	0.104 0.073	7.427 7.427	643 579	44 84	-20.301 -20.301	448 866	84 16	20.25 20.25	27.94 27.94	-16.39 -16.39	5.49 14.28	3.12 10.64	4.43 4.43	4.39 4.39	2.35 2.35	B	352	1.52						
00297+5855	1	F CA	A 2328 B 2328	9.825 10.394	0.008 0.013			7.436 7.436	163 514	88 11	+58.923 +58.924	927 139	21 85	1.17 1.17	3.95 3.95	-3.80 -3.80	2.09 5.05	1.92 4.19	2.66 2.66	2.30 2.30	1.93 1.93	A	40.4	1.005						
00300-2715	1	F CA	A 2346 B 2346	9.747 11.198	0.012 0.044	10.160 9.561	0.029 0.027	7.488 7.488	956 471	55 89	-27.245 -27.245	380 516	56 29	2.82 2.82	66.33 66.33	-20.36 -20.36	2.04 12.65	1.79 7.84	2.33 2.33	2.85 2.85	2.05 2.05	A	252.5	1.63						
00302-1221	1	F CA	A 2362 B 2362	10.248 10.721	0.121 0.187			7.541 7.541	940 873	41 32	-12.346 -12.346	872 899	99 12	0.33 0.33	-10.89 -10.89	-18.09 -18.09	14.18 20.76	6.56 10.45	1.80 1.80	2.05 2.05	1.17 1.17	B	248	0.25						
00303+5959	1	F CA	A 2377 B 2377	6.066 8.447	0.007 0.062			7.582 7.582	973 789	73 50	+59.977 +59.977	564 572	00 68	4.54 4.54	16.26 16.26	-3.94 -3.94	1.64 7.50	1.00 10.03	0.76 0.76	0.66 0.66	0.53 0.53	A	275	0.33						
00307+1339	1	F ND D	A 2411 B 2411	9.813 12.755	0.010 0.144			7.678 7.678	899 626	77 34	+13.653 +13.653	165 131	81 81	5.87 5.87	50.56 50.56	-76.48 -76.48	2.01 44.47	1.68 35.64	2.15 2.15	2.43 2.43	1.51 1.51	A	263	0.96						
00308+4732	1	F CA	A 2414 B 2414	8.491 8.772	0.218 0.282			7.689 7.689	849 806	65 72	+47.530 +47.530	002 009	62 08	20.91 20.91	6.00 6.00	-54.40 -54.40	12.75 11.39	11.03 14.25	1.05 1.05	0.81 0.81	0.90 0.90	A	283	0.11						
00309-3845	1	F CA	A 2424 B 2424	10.643 11.170	0.009 0.015			7.728 7.727	119 938	72 58	-38.750 -38.750	015 119	34 86	-1.20 -1.20	20.84 20.84	-14.64 -14.64	3.44 6.05	3.53 6.23	4.22 4.22	3.91 3.91	3.36 3.36	A	234	0.633						

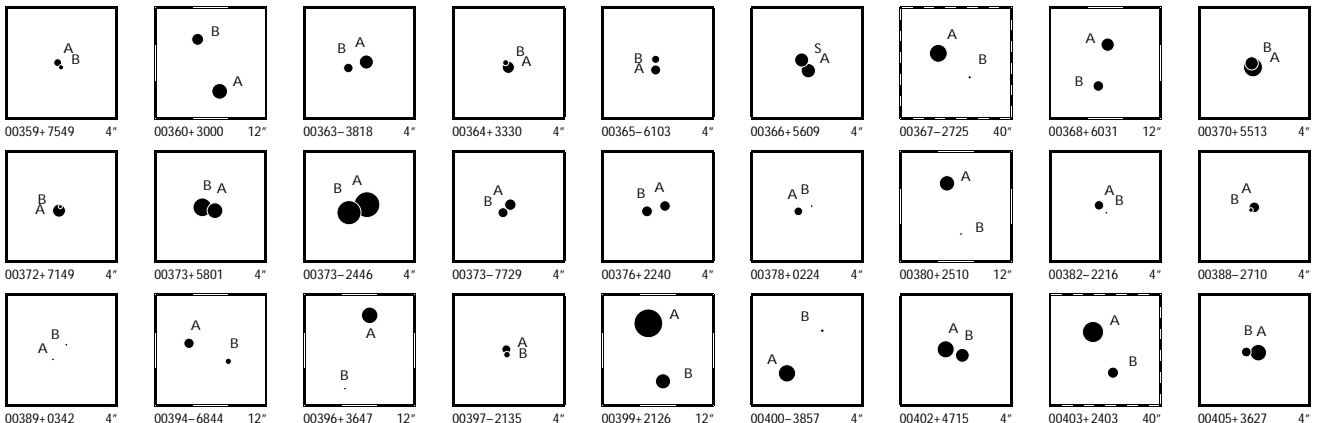


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt						
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
00310+3406	1	F CA	A	2429	8.907	0.006	9.210	0.019	8.747	0.018	7.743	815	08	+34.098	657	23	8.10	25.48	-7.25	1.96	1.61	2.16	1.92	1.18	A	211.6	2.763		
				B	2429	8.936	0.007	9.283	0.020	8.797	0.019	7.743	328	90	+34.098	003	78	8.10	25.48	-7.25	3.43	2.75	2.16	1.92				1.18	
00310+5015	1	F CA	A	2437	7.655	0.006					7.760	478	77	+50.253	995	22	4.20	9.98	12.82	1.26	1.39	1.24	1.03	1.02	A	10	0.42		
				B	2437	9.872	0.042					7.760	509	27	+50.254	110	89	4.20	9.98	12.82	12.23	8.81	1.24	1.03				1.02	
00310+6126	1	F CC	A	2430	8.887	0.207					7.748	075	77	+61.438	652	21	1.88	-1.04	0.11	12.97	5.19	0.96	0.74	0.65	A	277	0.16		
				B	2430	9.947	0.548					7.747	983	77	+61.438	657	52	1.88	-1.04	0.11	46.48	16.80	0.96	0.74				0.65	
00310-1005	1	F CA	C	2444	9.093	0.152					7.771	780	26	-10.083	862	75	11.69	-33.73	-38.99	17.40	7.77	1.57	1.83	0.97	C	83	0.22		
				B	2444	9.691	0.264					7.771	840	71	-10.083	855	88	11.69	-33.73	-38.99	24.25	15.79	1.57	1.83				0.97	
00310-3138	1	F CA	A	2433	10.452	0.284					7.754	833	74	-31.638	676	28	8.28	34.04	-189.23	19.41	22.83	1.33	1.28	0.86	A	106	0.16		
				B	2433	10.453	0.284					7.754	884	57	-31.638	688	52	8.28	34.04	-189.23	23.24	21.18	1.33	1.28				0.86	
00310-3238	1	F ND	D	A	2438	10.360	0.017	10.875	0.046	10.398	0.048	7.762	936	24	-32.631	816	15	3.44	28.87	-44.58	2.34	1.78	2.50	2.31	1.65	A	359.3	11.26	
				B	2438	13.543	0.306					7.762	891	20	-32.628	689	13	3.44	28.87	-44.58	93.65	69.05	2.50	2.31	1.65				
00312-6418	1	F CA	A	2449	10.468	0.010	11.134	0.054	10.290	0.039	7.793	714	40	-64.293	566	16	3.91	13.59	-23.57	2.32	2.59	2.45	3.26	2.70	A	275.3	3.58		
				B	2449	10.953	0.058	11.312	0.069	10.606	0.060	7.791	428	63	-64.293	474	62	3.91	13.59	-23.57	5.02	7.07	2.45	3.26				2.70	
00313+6320	1	F CA	A	2460	10.958	0.021	11.196	0.085	10.837	0.104	7.823	574	94	+63.342	498	86	8.09	1.58	-6.54	7.51	8.02	5.48	8.42	8.67	A	353.9	5.83		
				B	2460	11.776	0.043					7.823	192	50	+63.344	108	74	8.09	1.58	-6.54	16.01	15.83	5.48	8.42				8.67	
00315-1116	1	F CA	A	2483	8.384	0.006	8.949	0.014	8.314	0.012	7.882	163	41	-11.273	240	41	15.36	91.16	-19.30	1.35	1.02	1.58	1.68	0.99	A	120.3	5.77		
				B	2483	10.955	0.058	12.116	0.261	10.533	0.093	7.883	573	37	-11.274	049	05	15.36	91.16	-19.30	15.99	14.41	1.58	1.68				0.99	
00316+5809	1	F CA	A	2493	9.077	0.011					7.910	020	08	+58.143	660	77	2.01	2.66	1.11	1.76	1.98	1.88	1.31	1.31	A	176	0.353		
				B	2493	10.208	0.032					7.910	032	92	+58.143	562	92	2.01	2.66	1.11	6.27	5.70	1.88	1.31				1.31	
00317+1929	1	F CA	A	2502	7.838	0.089					7.930	987	11	+19.482	084	96	5.23	-36.87	-24.46	8.97	5.03	1.08	1.12	0.70	A	60	0.20		
				B	2502	9.374	0.365					7.931	039	44	+19.482	113	29	5.23	-36.87	-24.46	25.52	14.86	1.08	1.12				0.70	
00318+3658	1	F CA	A	2509	8.328	0.005	9.193	0.021	8.278	0.016	7.956	151	38	+36.967	150	75	6.40	-14.88	4.22	1.25	1.09	1.47	1.39	0.89	A	131.5	6.64		
				B	2509	11.387	0.081	11.299	0.120	10.680	0.113	7.957	881	95	+36.965	929	46	6.40	-14.88	4.22	21.52	15.76	1.47	1.39				0.89	
00318+5431	1	L CA	A	2505	5.439	0.004					7.942	991	36	+54.522	324	73	9.20	40.78	-14.81	0.81	1.00	1.06	0.79	0.80	A	190.1	0.446	+0.5	-0.007
				B	2505	5.483	0.004					7.942	954	04	+54.522	202	84	9.20	37.96	-7.59	1.55	1.52	1.06	1.08					
00321+5000	1	F CA	A	2528	9.518	0.148					8.020	668	99	+50.003	575	56	5.02	12.07	0.62	10.19	7.04	1.41	1.28	1.14	A	78	0.17		
				B	2528	10.555	0.383					8.020	740	61	+50.003	585	70	5.02	12.07	0.62	33.62	16.19	1.41	1.28				1.14	
00321-0511	1	F ND	D	A	2533	8.780	0.010	9.635	0.021	8.693	0.016	8.033	767	96	-5.178	640	35	21.40	297.12	-27.41	1.96	1.35	1.86	1.57	1.04	A	190	2.61	
				C	2533	11.400	0.111					8.033	637	87	-5.179	353	37	21.40	297.12	-27.41	26.32	16.93	1.86	1.57	1.04				
00321-1218	1	F CA	A	2532	8.966	0.270					8.029	334	60	-12.295	030	39	13.78	49.01	-26.84	9.06	20.48	1.06	1.16	0.81	A	23	0.15		
				B	2532	9.459	0.425					8.029	350	88	-12.294	992	34	13.78	49.01	-26.84	18.21	23.42	1.06	1.16				0.81	
00321-3614	1	F CA	A	2530	11.105	0.043					8.025	727	03	-36.239	344	66	0.67	48.56	-4.65	5.24	4.60	3.03	3.01	2.27	A	274	0.34		
				B	2530	11.722	0.076					8.025	611	26	-36.239	337	92	0.67	48.56	-4.65	11.23	15.04	3.03	3.01				2.27	
00324+0657	1	F ND	D	A	2548	5.839	0.102					8.098	983	41	+6.955	454	94	12.36	45.91	3.54	3.96	2.26	0.80	0.66	0.52	A	266	0.13	
				C	2548	7.985	0.739					8.098	947	83	+6.955	452	20	12.36	45.91	3.54	63.15	16.48	0.80	0.66	0.52				
00324+2147	1	F CA	A	2549	9.191	0.135					8.098	785	25	+21.778	172	49	4.84	7.57	-6.58	8.73	10.65	1.03	0.92	0.63	A	22	0.16		
				B	2549	9.912	0.263					8.098	803	65	+21.778	213	82	4.84	7.57	-6.58	16.47	16.13	1.03	0.92				0.63	
00324+5820	1	F CA	A	2543	7.240	0.004	7.559	0.005	7.181	0.005	8.090	758	30	+58.338	641	89	11.36	6.90	-27.33	0.68	0.67	1.01	0.80	0.61	A	196.6	2.83		
				B	2543	10.643	0.081					8.090	330	96	+58.337	887	58	11.36	6.90	-27.33	18.46	16.98	1.01	0.80				0.61	
00325+6714	1	L CA	A	2552	10.564	0.018					8.111	716	15	+67.236	215	44	98.74	1739.07	-224.63	2.98	2.88	3.37	2.61	2.45	A	163.4	4.15	+0.8	+0.08
				B	2552	12.197	0.080					8.112	566	51	+67.235	111	49	98.74	1704.93	-314.62	21.34	21.95	3.37	10.86					
00325-6800	1	F CA	A	2556	9.641	0.008					8.118	914	30	-68.007	644	33	19.65	105.60	69.69	1.30	1.48	1.47	1.20	1.46	A	327	0.64		
				B	2556	11.805	0.056					8.118	654	39	-68.007	494	99	19.65	105.60	69.69	11.12	12.30	1.47	1.20				1.46	
00327+3851	1	L CA	A	2576	7.734	0.093					8.180	027	16	+38.843	833	07	4.47	-22.75	-21.98	8.08	6.42	0.93	2.05	3.14	A	109	0.162	-1	+0.010
				B	2576	7.738	0.093					8.180	081	74	+38.843	818	14	4.47	-12.91	-23.00	7.07	5.92	0.93	2.06					

System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
00335+4006	1	L CA	A 2643 B 2643	8.091 0.020 9.717 0.088							8.374 888 75 +40.105 612 19 8.374 788 26 +40.105 633 58	16.68 16.68	-21.06 12.02	10.25 23.72	3.85 4.30 1.62 2.54 4.13 12.39 20.69 1.62 9.78 18.45	A 286	0.29	+4	-0.03						
00335-5520	1	F CA	G A 2642 B 2642 C 2642	7.780 0.017 8.440 0.028 10.161 0.127			10.391 0.030	9.864 0.029			8.373 757 45 -55.328 338 37 8.373 590 33 -55.328 485 57 8.370 673 21 -55.329 199 07	6.34 6.34 6.34	9.89 9.89 9.89	6.40 6.40 6.40	2.50 3.18 3.40 2.69 3.24 6.15 6.43 3.40 2.69 3.24 13.84 12.05 3.40 2.69 3.24	A 213 A 243.9	0.63 7.04								
00335-6109	1	F ND	D A 2646 B 2646	7.786 0.005 12.048 0.220			7.786 0.007	7.756 0.008			8.385 311 73 -61.147 248 05 8.384 853 36 -61.145 171 72	2.97 2.97	23.22 23.22	7.94 7.94	0.80 0.76 0.93 0.80 0.81 56.60 51.86 0.93 0.80 0.81	A 353.9	7.52								
00336-2606	1	I CA	A 2649 B 2653	7.442 0.013 10.031 0.112			9.275 0.015	7.463 0.007			8.401 449 95 -26.091 804 22 8.407 057 09 -26.088 945 77	2.29 13.24	-10.10 15.25	-5.69 7.87	1.54 1.25 1.61 2.21 1.39 35.69 25.85 20.77 36.45 22.02	A 60.4	20.85	0.0	+0.03						
00337+6247	1	L FD	D A 2656 B 2657	8.429 0.013 10.499 0.087			9.681 0.022	8.423 0.013			8.414 285 50 +62.788 822 56 8.415 327 53 +62.792 424 83	-0.55 -0.55	-1.48 5.32	-2.01 2.39	2.30 2.28 2.41 2.55 2.23 15.13 16.34 2.41 12.55 11.72	A 7.5	13.08	0.0	+0.01						
00337-3500	1	F CA	A 2663 B 2663	6.700 0.003 8.673 0.020			9.387 0.023	8.457 0.018			8.432 704 24 -35.000 822 29 8.433 004 03 -35.002 127 11	27.63 27.63	-60.33 -60.32	-516.78 -516.78	0.91 0.82 1.06 0.91 0.77 5.69 7.18 1.06 0.91 0.77	A 169.3	4.78								
00342+3139	1	F CA	A 2694 B 2694	8.276 0.125 9.127 0.274							8.544 111 84 +31.645 548 62 8.544 066 88 +31.645 548 38	6.50 6.50	45.95 45.95	-3.53 -3.53	8.99 5.41 0.87 0.92 0.60 16.15 11.79 0.87 0.92 0.60	A 270	0.14								
00344+6645	1	F CB	A 2707 B 2707	6.714 0.110 8.172 0.419							8.603 682 87 +66.750 346 05 8.603 730 06 +66.750 375 32	5.77 5.77	23.84 23.84	-0.28 -0.28	2.74 5.32 0.61 0.47 0.46 20.36 22.94 0.61 0.47 0.46	A 32	0.12								
00345-0433	1	L NB	G A 2713 B 2713 C 2715	7.655 0.035 8.248 0.050 9.278 0.147			9.817 0.033	9.235 0.031			8.623 976 60 -4.546 539 67 8.623 875 62 -4.546 547 30 8.627 777 87 -4.542 657 76	9.97 9.97 9.97	78.35 100.11	0.61 10.27	3.08 1.85 1.90 2.05 1.44 8.06 6.16 1.90 3.97 3.02 33.06 22.61 1.90 19.48 11.94	A 266 A 44.31	0.363 19.53	+1 +0.05	-0.022 +0.03						
00346+6254	1	F CA	A 2716 B 2716	7.858 0.004 10.604 0.053			8.318 0.011	7.792 0.010			8.640 409 52 +62.903 391 41 8.640 661 11 +62.904 634 26	19.32 19.32	-26.30 -26.30	-59.37 -59.37	0.88 0.90 1.15 0.95 0.89 16.04 12.60 1.15 0.95 0.89	A 5.3	4.49								
00348-5853	1	F CA	A 2726 B 2726	9.993 0.008 10.025 0.008							8.697 644 31 -58.885 379 25 8.697 962 78 -58.885 432 02	11.70 11.70	40.06 40.06	-31.86 -31.86	4.67 2.66 3.14 5.16 2.61 5.42 4.12 3.14 5.16 2.61	A 108	0.622								
00349+2627	1	F CA	A 2732 B 2732	9.323 0.106 10.105 0.218							8.727 087 60 +26.444 456 68 8.727 016 61 +26.444 458 11	7.49 7.49	11.13 11.13	-9.03 -9.03	12.93 9.31 1.81 1.77 1.25 24.02 18.92 1.81 1.77 1.25	A 271	0.23								
00351+3910	1	F CA	A 2750 B 2750	8.663 0.010 11.163 0.095			10.108 0.029	8.599 0.016			8.771 474 89 +39.167 966 41 8.770 677 00 +39.163 686 19	1.83 1.83	-3.10 -3.10	-5.65 -5.65	1.35 1.35 1.54 1.31 1.02 23.09 17.29 1.54 1.31 1.02	A 188.2	15.57								
00352+3650	1	I CA	A 2753 B 2752	6.712 0.004 9.262 0.040			8.445 0.013	6.713 0.005			8.790 130 47 +36.832 271 88 8.787 127 62 +36.834 459 10	4.78 16.71	-20.36 -25.92	-16.14 -13.13	1.36 1.23 1.31 1.27 0.99 14.75 11.96 7.26 9.63 6.80	A 312.30	11.70	-0.01	+0.01						
00352-0336	1	F CA	A 2762 B 2762	5.609 0.016 6.902 0.053							8.811 022 22 -3.592 760 16 8.810 943 65 -3.592 750 27	47.51 47.51	407.68 407.68	-36.47 -36.47	2.82 2.52 1.15 1.31 0.61 9.83 9.41 1.15 1.31 0.61	A 277	0.28								
00352-5333	1	F CA	A 2758 B 2758	8.964 0.007 9.871 0.015			8.955 0.011	8.835 0.014			8.802 907 56 -53.548 768 72 8.804 121 17 -53.548 783 47	-0.48 -0.48	-4.99 -4.99	1.14 1.14	1.33 1.36 1.67 1.34 1.33 5.06 4.29 1.67 1.34 1.33	A 91.2	2.60								
00353+6944	1	F CB	A 2770 B 2770	8.831 0.107 11.004 0.792							8.827 121 17 +69.737 285 63 8.827 101 41 +69.737 284 84	0.58 0.58	-2.98 -2.98	-0.30 -0.30	8.59 8.94 0.77 0.76 0.69 54.00 42.47 0.77 0.76 0.69	A 190	0.15								
00353-1825	1	F CB	A 2769 B 2769	8.522 0.009 12.065 0.224			8.897 0.012	8.433 0.012			8.823 925 82 -18.424 024 80 8.823 537 63 -18.423 990 02	5.61 5.61	-15.25 -15.25	-15.90 -15.90	1.55 1.12 1.87 2.17 1.19 43.28 25.74 1.87 2.17 1.19	A 275	1.33								
00354+6152	1	F CA	A 2772 B 2772 C 2772	8.353 0.022 10.556 0.164							8.841 494 80 +61.864 677 67 8.841 556 99 +61.864 747 12	1.38 1.38	-5.40 -5.40	-0.76 -0.76	2.73 4.00 1.26 1.08 1.03 19.90 19.89 1.26 1.08 1.03	A 23	0.27								
00355+1151	1	F FD	D A 2780 B 2780	8.521 0.135 11.980 3.272							8.869 155 04 +11.840 492 15 8.869 081 58 +11.840 662 19	10.53 10.53	-92.70 -92.70	-138.03 -138.03	7.99 9.52 7.90 7.36 5.15 46.98 32.08 7.90 7.36 5.15	A 337	0.66								
00355+5841	1	I NB	A 2778 B 2779	8.685 0.027 9.042 0.033			8.748 0.011	8.632 0.013			8.863 841 24 +58.678 505 73 8.869 124 88 +58.674 688 07	7.25 3.20	-1.42 -4.41	-4.03 -2.00	3.60 3.61 4.38 4.03 3.65 9.97 10.28 7.97 7.43 6.81	A 144.26	16.93	0.00	0.00						
00356+8338	1	F CA	A 2794 B 2794	8.376 0.006 9.325 0.015							8.896 733 98 +83.631 645 99 8.897 162 58 +83.631 736 77	5.08 5.08	21.57 21.57	4.60 4.60	1.59 1.37 1.10 1.26 1.10 4.55 3.63 1.10 1.26 1.10	A 28	0.369								
00357+3429	1	F CA	A 2801 B 2801	8.426 0.008 9.781 0.027							8.914 500 55 +34.479 598 59 8.914 629 82 +34.479 588 27	5.43 5.43	28.20 28.20	-5.26 -5.26	2.06 2.01 1.55 1.55 1.05 7.18 9.07 1.55 1.55 1.05	A 96	0.39								
00357+4944	1	L ND	D A 2808 B 2808	9.001 0.016 12.435 0.355			11.128 0.056	9.167 0.018			8.934 241 27 +49.736 262 36 8.933 944 18 +49.733 566 56	-1.00 -1.00	-5.83 -4.13	1.18 161.05	1.74 1.73 2.12 1.78 1.63 62.26 64.87 2.12 42.27 35.30	A 184.1	9.73	+0.1	-0.16						
00357-4621	1	F CA	A 2803 B 2803	9.882 0.010 12.679 0.120			10.381 0.029	9.752 0.025			8.923 172 89 -46.357 973 77 8.922 466 17 -46.357 892 70	3.69 3.69	48.21 48.21	-28.84 -28.84	1.78 1.60 2.11 1.91 1.66 32.77 29.47 2.11 1.91 1.66	A 279	1.78								
00358+4901	1	L CA	A 2814 B 2814	7.522 0.046 8.093 0.078							8.952 914 99 +49.021 133 01 8.952 856 95 +49.021 178 93	0.64 0.64	-2.87 1.76	-1.44 -8.58	3.64 4.10 0.97 1.31 1.07 5.61 6.10 0.97 2.21 1.69	A 320	0.215	0	-0.008						
00358-7313	1	F CA	A 2812 B 2812	8.122 0.006 10.490 0.048							8.947 020 95 -73.222 027 22 8.946 753 68 -73.221 945 77	3.27 3.27	22.69 22.69	19.82 19.82	1.29 1.29 0.97 1.01 1.02 12.07 11.86 0.97 1.01 1.02	A 317	0.40								

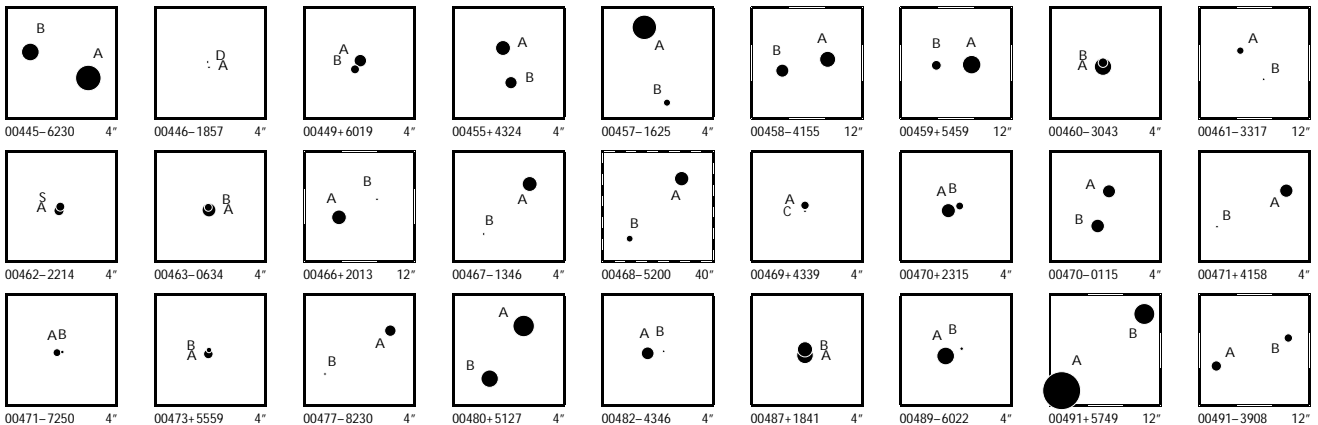


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
00359+7549	1	FCA	A B	2826 2826	10.267 10.834	0.076 0.129				8.968 8.967	133.91 984.67	+75.818 +75.818	391.89 343.69	1.92 1.92	4.87 4.87	-0.53 -0.53	5.82 10.65	6.57 11.21	1.22 1.22	1.22 1.22	1.21 1.21	A	217	0.22			
00360+3000	1	LCA	A B	2844 2844	8.501 9.347	0.007 0.015	9.144 9.915	0.023 0.041	8.412 9.125	0.019 0.033				18.93 18.93	185.55 180.62	-408.03 -398.62	1.85 5.16	1.63 6.28	1.70 1.70	1.57 4.77	1.25 5.52	A	22.68	6.19	-0.08	+0.01	
00363-3818	1	FCA	A B	2863 2863	8.871 9.871	0.005 0.012				9.072 9.072	384.74 615.94	-38.294 -38.294	047.56 113.23	7.77 7.77	248.61 248.61	-32.61 -32.61	1.53 3.84	1.46 4.73	1.89 1.89	2.00 2.00	1.33 1.33	A	109.9	0.695			
00364+3330	1	FCB	A B	2872 2872	9.326 10.698	0.096 0.340				9.101 9.101	044.45 069.79	+33.505 +33.505	416.57 464.63	-0.05 -0.05	4.92 4.92	-4.92 -4.92	13.87 52.95	8.67 25.29	1.26 1.26	1.29 1.29	0.87 0.87	A	24	0.19			
00365-6103	1	FCA	A B	2881 2881	9.802 10.192	0.014 0.019				9.126 9.126	144.70 136.98	-61.047 -61.047	594.60 487.83	13.15 13.15	18.07 18.07	-2.29 -2.29	2.30 5.15	2.52 3.96	2.10 2.10	1.57 1.57	1.97 1.97	A	358	0.385			
00366+5609	1	FCA	A S	2886 2886	8.797 8.883	0.006 0.007				9.139 9.139	406.28 519.15	+56.142 +56.142	201.32 308.66	4.21 4.21	-31.43 -31.43	-1.17 -1.17	1.44 2.41	1.71 2.55	2.11 2.11	1.47 1.47	1.55 1.55	A	30.4	0.448			
00367-2725	1	FCB	A B	2893 2893	8.051 11.259	0.009 0.156	8.396 11.905	0.012 0.226	7.978 11.093	0.011 0.152				9.03 9.03	-7.84 -7.84	3.32 3.32	1.18 35.93	0.95 32.44	1.29 1.29	1.54 1.54	0.91 0.91	A	232.0	14.49			
00368+6031	1	FCA	A B	2905 2905	9.034 9.634	0.006 0.011	9.263 11.136	0.016 0.080	8.987 9.448	0.018 0.029				-2.51 -2.51	0.27 0.27	-1.57 -1.57	1.71 4.35	1.53 3.76	2.26 2.26	2.06 2.06	1.50 1.50	A	166.5	4.719			
00370+5513	1	FCA	A B	2922 2922	7.773 9.049	0.046 0.150				9.256 9.256	498.45 956.04	+55.217 +55.217	252.48 289.71	2.21 2.21	6.34 6.34	-13.42 -13.42	2.50 7.55	3.18 9.50	0.85 0.85	0.67 0.67	0.54 0.54	A	32	0.16			
00372+7149	1	FCC	A B	2932 2932	9.119 11.073	0.196 1.184				9.303 9.303	776.42 745.90	+71.821 +71.821	507.73 552.51	3.35 3.35	-0.27 -0.27	-5.00 -5.00	3.63 51.20	15.66 83.44	0.91 0.91	0.77 0.77	0.90 0.90	A	348	0.16			
00373+5801	1	FCA	A B	2935 2935	7.876 8.517	0.004 0.008				9.318 9.317	089.30 839.51	+58.016 +58.016	219.70 180.79	0.36 0.36	3.15 3.15	-2.89 -2.89	1.16 2.35	0.91 2.46	1.38 1.38	1.08 1.08	0.80 0.80	B	253.6	0.496			
00373-2446	1	LCA	A B	2941 2941	6.317 6.639	0.005 0.006				9.332 9.332	446.13 652.66	-24.767 -24.767	225.45 306.65	64.38 64.38	1422.09 1368.23	-17.15 -23.36	1.68 4.32	1.09 3.19	1.40 1.40	2.84 4.60	1.23 2.86	A	113.4	0.736	+2.1	-0.047	
00373-7729	1	LCA	A B	2940 2940	9.456 9.758	0.010 0.014				9.331 9.331	137.45 468.63	-77.486 -77.486	162.05 246.59	3.71 3.71	-16.83 -22.30	-7.28 -3.18	2.52 4.76	2.39 4.04	1.71 1.71	1.64 2.43	1.63 2.20	A	140	0.399	0	-0.007	
00376+2240	1	FNB	A B	2959 2959	9.617 9.647	0.008 0.008				9.401 9.400	150.74 956.04	+22.674 +22.674	428.15 487.90	1.96 1.96	-3.68 -3.68	-7.14 -7.14	2.66 4.05	2.32 4.46	2.13 2.13	2.47 2.47	1.56 1.56	B	288	0.682			
00378+0224	1	FCA	A B	2970 2970	10.101 12.116	0.012 0.071				9.461 9.460	094.86 955.20	+2.394 +2.394	507.08 560.63	4.73 4.73	6.91 6.91	13.94 13.94	3.05 24.26	2.13 21.10	2.54 2.54	2.62 2.62	1.62 1.62	A	291	0.54			
00380+2510	1	FCB	A B	2990 2990	8.596 11.746	0.010 0.171	9.029	0.018	8.538	0.017				6.71 6.71	-10.89 -10.89	-5.42 -5.42	1.47 31.47	1.25 28.87	1.57 1.57	1.43 1.43	1.08 1.08	A	195.4	5.85			
00382-2216	1	FCA	A B	3003 3003	9.913 11.490	0.016 0.069				9.549 9.548	047.25 963.67	-22.263 -22.263	834.44 909.98	12.52 12.52	38.79 38.79	-11.61 -11.61	3.34 18.49	2.74 13.06	2.48 2.48	2.89 2.89	2.41 2.41	A	226	0.39			
00388-2710	1	FCB	A B	3049 3049	9.676 10.993	0.120 0.403				9.688 9.688	252.14 289.15	-27.171 -27.171	533.19 561.27	7.50 7.50	100.22 100.22	-36.93 -36.93	5.53 31.19	10.42 28.29	1.38 1.38	1.99 1.99	1.12 1.12	A	130	0.16			
00389+0342	1	FND	A B	3061 3061	12.429 12.682	0.035 0.045				9.711 9.711	982.50 846.83	+3.704 +3.704	809.28 954.03	8.17 8.17	197.44 197.44	89.78 89.78	10.82 29.84	6.37 17.65	10.12 10.12	10.11 10.11	7.10 7.10	A	317	0.71			
00394-6844	1	FCA	A B	3096 3096	9.736 10.634	0.009 0.020	10.049	0.023	9.567	0.023	10.845	0.052	10.246	0.047	1.69 1.69	-4.33 -4.33	11.68 11.68	1.85 6.94	2.15 7.05	2.05 2.05	1.79 1.79	2.51 2.51	A	246.1	4.82		
00396+3647	1	FCB	A B	3109 3109	8.342 11.590	0.010 0.191	8.698	0.013	8.288	0.013				9.68 9.68	-16.00 -16.00	-27.68 -27.68	1.56 26.78	1.23 42.33	1.66 1.66	1.52 1.52	1.05 1.05	A	161.7	8.56			
00397-2135	1	FCA	A B	3118 3118	10.019 10.551	0.169 0.275				9.915 9.915	251.81 242.96	-21.579 -21.579	119.62 167.65	8.20 8.20	10.98 10.98	-21.28 -21.28	8.54 13.97	14.89 20.87	1.48 1.48	1.71 1.71	1.44 1.44	A	190	0.18			
00399+2126	1	FCA	A B	3138 3138	5.611 8.657	0.003 0.039	6.886	0.007	5.558	0.004	9.981	474.68	+21.438	564.40	7.94 7.94	28.46 28.46	-28.51 -28.51	0.71 14.06	0.75 9.15	0.79 0.79	0.79 0.79	0.71 0.71	A	194.4	6.61		
00400-3857	1	LCA	A B	3149 3149	8.171 11.217	0.003 0.048	8.347	0.008	8.092	0.009				7.33 7.33	-11.64 -41.94	-4.46 -20.85	1.04 14.80	1.07 19.64	1.21 1.21	0.95 11.00	0.84 9.84	A	320.8	2.03	-1.0	+0.01	
00402+4715	1	FCA	A B	3159 3159	8.229 8.922	0.004 0.008				10.054 10.053	127.19 883.87	+47.255 +47.255	854.20 786.65	4.08 4.08	17.53 17.53	-3.72 -3.72	1.51 2.79	1.01 2.70	1.82 1.82	1.44 1.44	1.11 1.11	A	247.8	0.642			
00403+2403	1	LCA	A B	3165 3163	7.294 9.567	0.008 0.057	7.462	0.009	7.229	0.009	9.683	0.030	9.292	0.032	6.11 8.72	39.16 39.98	6.39 -0.04	1.58 19.01	1.27 14.05	1.33 8.21	1.79 10.63	1.20 6.91	A	205.49	16.51	-0.01	+0.01
00405+3627	1	FCA	A B	3176 3176	8.322 9.833	0.007 0.028				10.121 10.121	126.29 278.09	+36.450 +36.450	438.41 453.88	5.09 5.09	-14.21 -14.21	-3.22 -3.22	1.71 5.56	1.12 4.89	1.41 1.41	1.39 1.39	0.90 0.90	A	83	0.44			

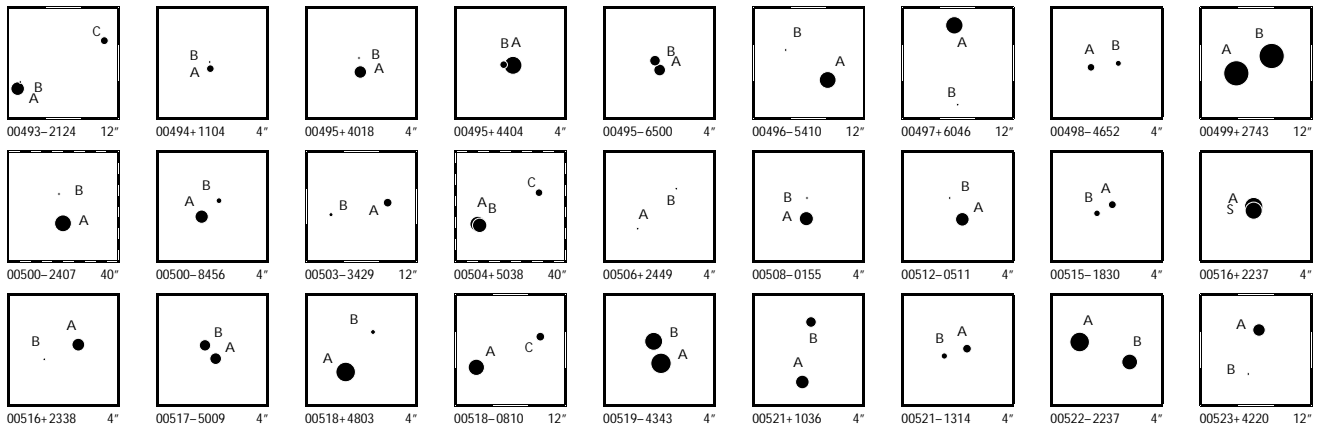


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
00408-0714	1	F CA	A	3203	7.185	0.004	7.832	0.010	7.112	0.008	10.197	842 63	-7.232	383 77	38.65	0.64	-91.59	1.17	0.88	1.10	1.12	0.73	A	321.2	8.46		
			B	3203	10.062	0.052	11.282	0.157	9.979	0.075	10.196	360 07	-7.230	551 83	38.65	0.64	-91.59	17.78	15.14	1.10	1.12	0.73					
00408-3246	1	F CA	A	3200	10.186	0.012	10.786	0.049	10.063	0.039	10.194	310 69	-32.766	638 50	1.11	-15.95	-3.41	2.59	1.97	2.81	2.79	2.30	A	266.2	5.87		
			B	3200	11.502	0.038	12.096	0.176	10.830	0.089	10.192	376 93	-32.766	745 33	1.11	-15.95	-3.41	10.73	9.81	2.81	2.79	2.30					
00408-4112	1	F CA	A	3205	10.103	0.008	10.486	0.029	9.930	0.026	10.205	550 10	-41.206	648 16	0.85	5.94	14.81	1.86	2.31	2.66	1.83	2.11	A	248.1	4.306		
			B	3205	10.296	0.010	10.582	0.031	10.159	0.033	10.204	074 81	-41.207	093 81	0.85	5.94	14.81	3.35	5.24	2.66	1.83	2.11					
00409-4032	1	F CA	A	3218	8.505	0.004					10.227	678 26	-40.531	328 72	3.76	-3.62	-5.65	0.98	1.19	1.26	0.84	0.97	A	120	0.47		
			B	3218	10.659	0.026					10.227	827 49	-40.531	394 47	3.76	-3.62	-5.65	6.50	10.35	1.26	0.84	0.97					
00411-2309	1	F CA	A	3226	9.724	0.011	9.741	0.027	9.309	0.024	10.266	535 16	-23.148	322 94	1.74	16.86	3.26	2.22	1.96	2.45	2.26	1.96	A	206.4	1.57		
			B	3226	10.286	0.019	10.189	0.045	9.617	0.038	10.266	324 28	-23.148	714 39	1.74	16.86	3.26	5.42	4.91	2.45	2.26	1.96					
00420-5547	1	F CA	A	3290	8.109	0.005	8.537	0.011	8.028	0.010	10.499	323 90	-55.782	051 46	10.33	-41.70	-31.16	0.99	1.00	1.22	0.98	1.02	A	161.27	6.315		
			B	3290	9.153	0.014	9.508	0.020	8.950	0.019	10.500	325 39	-55.783	712 74	10.33	-41.70	-31.16	3.56	4.51	1.22	0.98	1.02					
00422-2300	1	F CA	A	3315	10.455	0.013					10.550	333 63	-22.991	853 76	7.05	5.70	5.55	3.75	3.35	4.02	3.78	3.08	A	26	0.94		
			B	3315	10.553	0.014					10.550	460 71	-22.991	619 01	7.05	5.70	5.55	10.72	6.03	4.02	3.78	3.08					
00423+0449	1	F CA	A	3319	10.084	0.064					10.582	959 63	+4.810	522 66	4.18	-23.10	-31.41	4.14	9.66	2.20	2.01	1.41	A	190	0.25		
			B	3319	11.824	0.317					10.582	947 70	+4.810	455 51	4.18	-23.10	-31.41	24.37	28.73	2.20	2.01	1.41					
00424+0410	1	L CA	A	3326	7.888	0.004	8.321	0.014	7.785	0.015	10.596	722 29	+4.166	674 97	16.16	30.60	-42.02	1.23	0.96	1.19	0.92	0.69	A	200.9	1.789	+0.3	+0.010
			B	3326	9.726	0.018					10.596	544 55	+4.166	210 78	16.16	18.62	-47.69	6.92	4.31	1.19	0.98	2.63					
00426+7122	1	F CA	A	3348	7.860	0.004	7.780	0.009	7.781	0.014	10.666	703 23	+71.365	907 04	3.18	21.08	-4.93	1.22	1.23	1.38	1.47	1.23	A	333.77	5.476		
			B	3348	8.125	0.006	8.074	0.012	8.039	0.015	10.664	598 91	+71.367	271 42	3.18	21.08	-4.93	3.17	2.69	1.38	1.47	1.23					
00426-5407	1	I NB	A	3340	8.590	0.030	9.343	0.015	8.499	0.012	10.645	641 10	-54.117	371 87	30.82	-65.24	-166.84	8.35	8.43	5.80	6.19	5.69	A	241.11	16.72	+0.03	0.00
			B	3337	8.769	0.034	9.874	0.027	8.903	0.019	10.638	702 24	-54.119	615 81	24.04	-71.72	-160.60	5.11	5.06	5.66	6.20	5.69					
00427-3828	1	F CA	A	3356	6.612	0.004					10.678	708 12	-38.463	467 45	7.55	2.49	-6.25	0.96	1.09	1.22	1.02	1.00	A	14.0	0.737		
			B	3356	7.041	0.005					10.678	771 45	-38.463	268 94	7.55	2.49	-6.25	2.65	1.97	1.22	1.02	1.00					
00427-6537	1	L CA	A	3351	7.571	0.010					10.672	177 85	-65.608	485 71	6.41	42.00	-4.00	1.66	1.35	0.72	0.72	0.92	A	280.8	0.338	-0.2	+0.004
			B	3351	8.148	0.017					10.671	954 78	-65.608	468 15	6.41	37.36	-4.42	2.66	3.15	0.72	1.06	1.67					
00428+1249	1	F CB	A	3361	10.777	0.081					10.699	655 24	+12.811	632 84	14.62	193.17	-76.89	6.55	8.27	2.40	2.44	1.87	A	160	0.23		
			B	3361	12.018	0.255					10.699	678 18	+12.811	572 77	14.62	193.17	-76.89	26.10	28.16	2.40	2.44	1.87					
00429+2047	1	F CA	A	3373	10.090	0.036					10.721	675 69	+20.776	599 78	7.34	19.10	18.67	14.33	6.21	1.88	1.70	1.59	B	201	0.26		
			B	3373	10.264	0.043					10.721	647 49	+20.776	531 06	7.34	19.10	18.67	11.98	6.03	1.88	1.70	1.59					
00429+5226	1	F CA	A	3370	8.566	0.005					10.718	369 58	+52.431	950 26	2.08	3.24	-6.47	1.20	1.17	1.40	0.97	1.11	A	50	0.48		
			B	3370	11.610	0.085					10.718	535 95	+52.432	035 81	2.08	3.24	-6.47	21.09	19.56	1.40	0.97	1.11					
00429+5742	1	F CA	A	3374	10.106	0.016					10.723	779 95	+57.699	713 81	4.12	-54.28	3.04	3.13	2.29	3.15	2.68	1.59	A	255	0.398		
			B	3374	10.284	0.018					10.723	580 13	+57.699	685 34	4.12	-54.28	3.04	4.63	4.43	3.15	2.68	1.59					
00430-0351	1	F CA	A	3385	7.392	0.003					10.757	481 92	-3.856	267 87	8.41	65.98	1.04	1.02	0.78	1.08	0.99	0.68	A	341	0.87		
			B	3385	10.225	0.035					10.757	403 78	-3.856	038 07	8.41	65.98	1.04	10.90	8.34	1.08	0.99	0.68					
00430-2638	1	F ND	A	3379	9.754	0.009	10.061	0.024	9.675	0.025	10.738	634 14	-26.628	176 96	2.62	3.87	11.37	1.63	1.57	1.85	1.99	1.36	A	287	2.93		
			B	3379	13.104	0.180					10.737	760 41	-26.627	943 40	2.62	3.87	11.37	55.53	54.46	1.85	1.99	1.36					
00433+0634	1	F CA	A	3393	8.928	0.025					10.818	145 97	+6.569	737 98	0.66	13.29	-3.13	4.31	4.21	2.00	1.75	1.16	A	318	0.25		
			B	3393	10.492	0.105					10.818	099 24	+6.569	788 77	0.66	13.29	-3.13	16.97	16.79	2.00	1.75	1.16					
00433-3257	1	F CA	A	3398	9.441	0.007	9.860	0.024	9.307	0.024	10.822	564 87	-32.948	257 88	5.83	10.32	-43.58	2.07	1.85	2.33	2.23	1.79	A	46.4	1.86		
			B	3398	10.949	0.026					10.823	011 13	-32.947	901 55	5.83	10.32	-43.58	11.14	8.72	2.33	2.23	1.79					
00433-4511	1	F ND	A	3397	7.147	0.009	8.315	0.009	7.091	0.005	10.822	802 85	-45.181	346 54	6.72	31.67	4.36	1.39	1.19	1.37	1.42	1.17	A	312.6	14.25		
			B	3394	10.324	0.160	11.114	0.061	10.253	0.044	10.818	666 44	-45.178	668 72	6.72	31.67	4.36	42.94	37.57	1.37	1.42	1.17					
00436-4753	1	F CA	A	3425	9.254	0.008	9.472	0.012	8.953	0.013	10.906	987 03	-47.885	984 17	6.37	65.25	-35.89	1.46	1.56	2.29	1.82	1.58	A	204.4	1.338		
			B	3425	9.837	0.013	9.907	0.048	9.400	0.035	10.906	757 80	-47.886	322 53	6.37	65.25	-35.89										

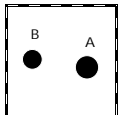
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry													
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt							
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
00445-6230	1	FCA	A 3489 B 3489	6.364 8.112	0.003 0.013	6.756 6.257	0.012 0.010	11.131 11.132	347 638	86 49	-62.497 -62.497	6.06 3.42	11.89 11.89	103.16 103.16	6.29 6.29	0.56 3.68	0.60 4.38	0.67 0.67	0.54 0.54	0.61 0.61	A	66.1	2.346							
00446-1857	1	FCB	A 3493 D 3493	11.461 11.739	0.220 0.284			11.154 11.154	108 029	71 -18.947	189 138	29.58 29.58	270.75 270.75	183.36 183.36	14.27 17.59	23.27 20.75	2.21 2.21	2.37 2.21	1.69 1.69	A	13	0.19								
00449+6019	1	FCA	P A 3513 B 3513	9.215 10.024	0.014 0.030			11.209 11.209	751 848	98 90	+60.309 +60.309	183 088	3.13 3.13	26.69 26.69	-12.22 -12.22	2.15 5.95	2.44 5.51	2.19 2.19	1.79 1.79	1.85 1.85	A	153	0.38							
00455+4324	1	FCA	A 3558 B 3558	8.718 9.317	0.007 0.011	8.736 8.379	0.011	11.368 11.368	180 065	48 71	+43.400 +43.400	927 574	5.87 5.87	-8.39 -8.39	-21.27 -21.27	1.56 4.09	1.76 5.90	1.90 1.90	1.34 1.34	1.30 1.30	A	193.3	1.30							
00457-1625	1	FCB	A 3576 B 3576	6.590 10.414	0.003 0.103	6.867 6.529	0.005	11.423 11.423	504 504	52 17	-16.424 -16.424	205 973	11.38 11.38	12.04 12.04	-6.07 -6.07	1.06 43.15	0.78 21.57	1.10 1.10	1.41 1.41	0.76 0.76	A	197	2.89							
00458-4155	1	LCA	A 3588 B 3588	8.477 9.119	0.005 0.009	9.861 10.581	0.032 0.039	8.468 9.059	0.018 0.018	11.450 11.452	197 034	84 36	-41.909 -41.909	008 351	83 96	62.41 62.41	301.59 278.00	-80.66 -114.11	1.23 3.78	1.38 3.06	1.60 1.60	1.02 2.64	0.98 1.75	A	104.09	5.073	+0.43	-0.015		
00459+5459	1	LCA	A 3589 B 3589	7.915 9.843	0.005 0.029	8.417 10.123	0.010 0.068	7.830 9.807	0.010 0.083	11.461 11.463	629 469	53 59	+54.978 -54.978	013 008	39 37	20.56 20.56	95.62 1.64	-76.91 -3.89	1.03 11.43	1.36 10.07	1.69 1.69	1.35 1.35	1.04 6.81	A	90.3	3.80	-1.1	-0.09		
00460-3043	1	FCB	A 3592 B 3592	8.148 9.873	0.101 0.495			11.488 11.488	734 727	28 33	-30.709 -30.709	285 247	55 32	7.70 7.70	0.28 0.28	13.61 13.61	6.14 24.96	7.52 26.88	1.05 1.05	1.32 1.32	0.82 0.82	A	351	0.14						
00461-3317	1	FCA	A 3602 B 3602	10.360 11.375	0.014 0.035	10.737 10.238	0.046	11.533 11.532	694 824	48 73	-33.284 -33.285	289 164	44 73	3.04 3.04	9.21 9.21	-7.66 -7.66	3.21 14.76	2.32 9.26	3.26 3.26	3.28 3.28	2.45 2.45	A	219.7	4.10						
00462-2214	1	FCA	A 3606 S 3606	9.758 10.026	0.071 0.091			11.546 11.546	062 047	51 95	-22.241 -22.241	493 446	99 56	9.22 9.22	-18.03 -18.03	15.99 15.99	3.71 5.06	6.07 7.63	1.22 1.22	1.43 1.43	0.94 0.94	A	344	0.178						
00463-0634	1	FCA	A 3612 B 3612	8.930 10.266	0.151 0.515			11.567 11.567	112 119	41 57	-6.566 -6.566	239 202	33 54	7.07 7.07	37.07 37.07	4.75 4.75	6.53 21.98	10.50 27.92	1.19 1.19	1.04 1.04	0.68 0.68	A	11	0.13						
00466+2013	1	FCB	A 3636 B 3636	8.764 11.942	0.011 0.206	8.868 8.720	0.016	11.655 11.654	559 326	14 19	+20.212 +20.213	676 204	32 45	4.18 4.18	-11.19 -11.19	-7.63 -7.63	1.88 53.99	1.83 33.28	2.03 2.03	1.97 1.97	1.61 1.61	A	295	4.58						
00467-1346	1	FCA	A 3648 B 3648	8.705 11.883	0.014 0.253	10.085 8.651	0.016	11.676 11.677	777 252	60 09	-13.761 -13.761	125 638	63 94	4.19 4.19	-12.66 -12.66	10.61 10.61	1.91 34.78	1.49 19.63	1.95 1.95	1.95 1.95	1.22 1.22	A	138	2.48						
00468-5200	1	IND	D A 3653 B 3656	8.826 10.499	0.008 0.025	9.971 10.956	0.022 0.046	8.772 10.384	0.014 0.044	11.694 11.702	177 808	77 73	-52.003 -52.009	803 986	19 08	1.48 4.66	0.64 -20.81	6.52 -45.64	1.90 7.79	2.16 8.88	2.25 6.42	2.19 6.32	2.21 6.25	A	139.33	29.35	+0.10	+0.03		
00469+4339	1	FCA	A 3669 C 3669	10.123 11.647	0.081 0.328			11.736 11.736	127 138	68 56	+43.647 +43.647	199 132	30 82	15.71 15.71	-1.64 -1.64	-296.68 -296.68	5.96 25.69	10.96 33.35	2.20 2.20	1.63 1.63	1.53 1.53	A	173	0.24						
00470+2315	1	FCA	A 3673 B 3673	8.877 10.279	0.007 0.022			11.753 11.753	436 303	02 46	+23.250 +23.250	691 736	40 86	7.92 7.92	7.23 7.23	-35.48 -35.48	2.09 7.46	1.75 9.01	1.90 1.90	1.80 1.80	1.03 1.03	A	290	0.47						
00470-0115	1	FCA	B 3674 A 3674	8.999 9.099	0.014 0.016			11.754 11.754	685 571	18 45	-1.252 -1.252	458 111	53 52	11.15 11.15	58.29 58.29	-40.68 -40.68	2.86 4.93	2.34 6.50	2.84 2.84	3.27 3.27	1.97 1.97	B	341.9	1.31						
00471+4158	1	FCA	A 3677 B 3677	9.078 11.672	0.005 0.048	9.392 9.022	0.013	11.763 11.764	479 436	68 21	+41.964 +41.964	787 416	88 88	5.65 5.65	1.23 1.23	19.14 19.14	1.21 14.63	1.56 15.67	1.75 1.75	1.15 1.15	1.30 1.30	A	117.5	2.89						
00471-7250	1	FCC	A 3679 B 3679	10.241 11.202	0.408 0.990			11.770 11.770	657 471	32 41	-72.825 -72.825	485 478	63 46	3.56 3.56	-6.83 -6.83	-9.69 -9.69	36.87 99.49	17.73 64.53	1.14 1.14	1.28 1.28	1.21 1.21	A	277	0.20						
00473+5559	1	FND	D A 3689 B 3689	9.891 10.782	0.231 0.525			11.824 11.824	130 126	44 61	+55.978 +55.978	624 662	84 27	2.45 2.45	6.85 6.85	1.71 1.71	5.66 12.99	11.66 40.71	1.39 1.39	0.89 0.89	0.80 0.80	A	357	0.13						
00477-8230	1	FCA	A 3716 B 3716	9.482 11.470	0.007 0.040	10.145 9.390	0.024	9.390 9.020	11.924 11.930	920 049	45 75	-82.507 -82.507	495 936	00 49	13.96 13.96	-153.59 -153.59	-153.70 -153.70	1.32 11.27	1.32 11.23	1.38 1.38	1.52 1.52	1.38 1.38	A	123.4	2.89					
00480+5127	1	FCA	A 3736 B 3736	7.251 8.174	0.005 0.010	7.050 7.035	0.014	11.995 11.996	960 498	32 63	+51.444 +51.444	782 248	11 48	3.12 3.12	-4.48 -4.48	-11.75 -11.75	0.82 3.33	0.85 2.68	1.40 1.40	0.87 0.87	0.83 0.83	A	147.8	2.269						
00482-4346	1	FCB	A 3754 B 3754	9.151 12.455	0.012 0.255			12.048 12.048	418 182	29 33	-43.772 -43.772	780 752	90 90	6.59 6.59	83.40 83.40	-14.23 -14.23	1.94 34.21	1.52 36.80	1.91 1.91	1.34 1.34	1.37 1.37	A	279	0.62						
00487+1841	1	LCA	A 3795 B 3795	8.343 8.614	0.029 0.037			12.186 12.186	756 760	28 36	+18.685 +18.685	622 688	96 13	16.28 16.28	-7.48 -22.88	-43.59 -54.79	7.44 10.35	4.45 5.73	1.21 1.21	4.66 6.08	1.77 2.24	A	3	0.235	-4	-0.012				
00489-6022	1	FCA	A 3804 B 3804	8.085 11.236	0.005 0.084			12.218 12.218	786 453	06 72	-60.369 -60.369	822 750	64 64	7.46 7.46	-15.45 -15.45	25.14 25.14	1.08 23.69	0.95 23.70	1.15 1.15	1.04 1.04	0.95 0.95	A	294	0.65						
00491+5749	1	LCA	A 3821 B 3821	3.584 7.365	0.002 0.076	4.158 3.520	0.003	12.271 12.266	252 487	62 44	+57.816 +57.816	547 913	70 14	167.99 167.99	1087.11 1104.72	-559.65 -493.25	0.44 18.41	0.44 20.68	0.62 0.62	0.44 16.92	0.44 14.83	A	312.99	12.49	+0.28	+0.03				
00491-3908	1	FCA	A 3827 B 3827	9.714 10.165	0.010 0.015	10.210 10.582	0.020 0.027	9.586 9.889	0.018 0.024	12.278 12.275	375 524	07 40	-39.133 -39.133	867 000	57 54	8.65 8.65	23.60 23.60	1.76 1.76	1.70 4.02	2.17 4.18	2.57 2.57	1.86 1.86	1.95 1.95	A	291.41	8.55				



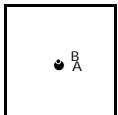
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
00493-2124	1	FNC	Y	A 3845 C 3843 B 3845	9.001 10.261 12.526	0.021 0.058 0.406	10.809	0.061	10.048	0.048	12.326 288 51 -21.397 383 10 12.323 407 24 -21.395 904 87 12.326 176 27 -21.397 169 99	3.15 3.15 3.15	27.24 27.24 27.24	6.08 6.08 6.08	1.95 1.57 2.40 2.89 1.75 11.55 8.23 2.40 2.89 1.75 59.79 57.44 2.40 2.89 1.75	A 298.9 A 334	11.03 0.85										
00494+1104	1	FCA		A 3848 B 3848	10.303 11.975	0.041 0.191					12.356 040 61 +11.066 112 45 12.356 040 75 +11.066 183 97	2.21 2.21	7.26 7.26	12.42 12.42	3.19 6.67 2.14 1.92 1.26 17.64 21.18 2.14 1.92 1.26	A 0	0.26										
00495+4018	1	FCA		A 3853 B 3853	9.253 12.113	0.005 0.070					12.373 185 64 +40.299 571 39 12.373 209 59 +40.299 720 57	2.66 2.66	-7.83 -7.83	-0.58 -0.58	1.43 1.50 1.88 1.50 1.15 26.26 12.79 1.88 1.50 1.15	A 7	0.54										
00495+4404	1	FCA		A 3857 B 3857	8.023 10.321	0.012 0.100					12.386 422 07 +44.059 397 26 12.386 553 27 +44.059 405 28	14.85 14.85	-69.67 -69.67	-68.55 -68.55	2.56 1.37 1.32 0.90 0.72 11.74 12.92 1.32 0.90 0.72	A 85	0.34										
00495-6500	1	LCA		A 3851 B 3851	9.429 9.658	0.012 0.015					12.365 954 37 -65.004 493 65 12.366 054 55 -65.004 392 82	5.87 5.87	29.77 18.92	-14.46 -15.77	2.90 2.80 1.70 2.07 1.73 3.04 3.00 1.70 2.04 2.10	A 23	0.394	-1	-0.005								
00496-5410	1	LCA		A 3864 B 3864	8.259 11.396	0.005 0.088	8.705	0.010	8.202	0.009	12.396 152 42 -54.164 161 49 12.398 367 69 -54.163 251 04	13.04 13.04	74.91 14.74	5.50 -10.86	0.99 1.01 1.11 0.97 0.82 22.69 21.76 1.11 15.88 12.19	A 54.9	5.70	-0.2	-0.06								
00497+6046	1	FNC		A 3868 B 3868	8.186 11.807	0.006 0.170	8.694	0.010	8.104	0.009	12.414 605 60 +60.759 082 20 12.414 403 68 +60.756 633 15	7.36 7.36	25.55 25.55	-18.23 -18.23	0.93 1.03 1.26 1.14 1.06 37.85 38.77 1.26 1.14 1.06	A 182.3	8.82										
00498-4652	1	FCA		A 3880 B 3880	10.316 10.685	0.009 0.012					12.451 643 76 -46.863 729 38 12.451 231 75 -46.863 686 83	9.63 9.63	16.23 16.23	1.97 1.97	1.90 2.30 2.94 2.34 2.43 3.98 4.97 2.94 2.34 2.43	A 278.6	1.026										
00499+2743	1	LNB		A 3885 B 3885	6.396 6.400	0.004 0.004					12.471 286 57 +27.710 311 05 12.470 063 82 +27.710 835 67	9.40 9.40	86.54 87.78	-10.20 -11.94	0.91 0.76 0.88 0.85 0.57 1.54 1.21 0.88 0.97 0.63	A 295.86	4.331	-0.01	-0.002								
00500-2407	1	FCC		A 3898 B 3898	8.279 12.004	0.007 0.213	9.391	0.018	8.209	0.012	12.501 223 97 -24.119 483 37 12.501 630 18 -24.116 448 19	5.17 5.17	10.58 10.58	-7.17 -7.17	1.27 1.37 1.74 1.44 1.22 47.81 62.60 1.74 1.44 1.22	A 7.0	11.01										
00500-8456	1	FCA		A 3899 B 3899	9.034 10.718	0.004 0.019					12.503 252 76 -84.935 241 64 12.501 166 88 -84.935 084 50	4.76 4.76	9.44 9.44	10.54 10.54	1.00 1.02 1.07 1.14 1.10 6.04 6.25 1.07 1.14 1.10	A 310.5	0.87										
00503-3429	1	FCA		A 3920 B 3920	10.109 11.087	0.012 0.028	10.932	0.052	9.958	0.036	12.579 843 69 -34.489 846 84 12.581 953 01 -34.490 199 69	11.07 11.07	21.27 21.27	-14.83 -14.83	2.40 2.00 2.56 2.46 1.72 8.57 7.47 2.56 2.46 1.72	A 101.5	6.39										
00504+5038	1	FNB	G	A 3926 B 3926 C 3923	8.580 8.822 10.333	0.015 0.016 0.096	11.128	0.080	10.157	0.051	12.604 574 40 +50.630 432 83 12.604 238 43 +50.630 326 33 12.594 652 77 +50.633 675 95	13.06 13.06 13.06	-35.05 -35.05 -35.05	-8.95 -8.95 -8.95	1.77 1.19 2.03 1.71 1.15 3.00 1.84 2.03 1.71 1.15 17.62 13.17 2.03 1.71 1.15	A 243.4 A 297.27	0.858 25.49										
00506+2449	1	FCB		A 3937 B 3937	12.482 13.590	0.033 0.085					12.637 979 91 +24.816 821 58 12.637 538 31 +24.817 237 62	83.20 83.20	198.46 198.46	-41.74 -41.74	11.14 6.57 9.08 9.58 4.98 52.23 36.44 9.08 9.58 4.98	A 316	2.08										
00508-0155	1	FCA		A 3957 B 3957	8.896 11.764	0.004 0.055					12.697 944 49 -1.921 868 50 12.697 935 92 -1.921 662 74	6.82 6.82	20.23 20.23	-64.18 -64.18	1.54 1.06 1.58 1.44 0.90 23.44 15.03 1.58 1.44 0.90	A 358	0.74										
00512-0511	1	FCA		A 3982 B 3982	8.974 11.725	0.007 0.086					12.802 810 43 -5.183 362 84 12.802 942 46 -5.183 151 27	4.43 4.43	83.63 83.63	-27.07 -27.07	1.97 1.54 2.13 2.16 1.52 45.75 21.08 2.13 2.16 1.52	A 32	0.90										
00515-1830	1	FCB		A 4019 B 4019	10.258 10.556	0.012 0.015					12.877 847 82 -18.507 673 19 12.878 020 97 -18.507 760 81	5.40 5.40	1.00 1.00	43.70 43.70	7.16 3.48 4.00 7.08 3.30 10.81 6.86 4.00 7.08 3.30	A 118	0.67										
00516+2237	1	FCA		A 4030 S 4030	7.926 8.224	0.123 0.162					12.904 105 25 +22.623 453 72 12.904 111 26 +22.623 414 10	2.43 2.43	11.01 11.01	2.43 2.43	10.30 9.81 1.00 1.05 0.76 13.16 9.01 1.00 1.05 0.76	A 172	0.14										
00516+2338	1	FCA		A 4032 B 4032	9.164 11.421	0.018 0.139	10.140	0.037	9.018	0.023	12.908 956 34 +23.632 147 04 12.909 346 24 +23.631 997 19	2.47 2.47	5.53 5.53	-3.00 -3.00	2.57 2.32 2.66 2.56 2.02 21.07 28.60 2.66 2.56 2.02	A 113	1.39										
00517-5009	1	FCA		A 4035 B 4035	9.447 9.487	0.005 0.005					12.935 458 39 -50.152 480 54 12.935 632 73 -50.152 335 16	7.19 7.19	-18.18 -18.18	-19.34 -19.34	2.64 3.23 3.07 3.45 3.85 3.46 3.93 3.07 3.45 3.85	A 37.5	0.660										
00518+4803	1	FCA		A 4038 B 4038	7.704 10.905	0.004 0.066	9.101	0.013	7.653	0.008	12.946 084 48 +48.056 581 59 12.945 664 57 +48.056 990 70	3.39 3.39	-5.53 -5.53	-4.95 -4.95	0.91 0.89 1.14 0.81 0.72 22.44 19.21 1.14 0.81 0.72	A 326	1.79										
00518-0810	1	FCA	D	A 4044 C 4044	8.377 10.086	0.006 0.026	8.987	0.017	8.289	0.015	12.960 412 31 -8.165 818 42 12.958 433 05 -8.164 865 96	7.12 7.12	48.59 48.59	33.24 33.24	1.55 1.41 1.85 1.53 1.25 8.40 7.85 1.85 1.53 1.25	A 295.9	7.84										
00519-4343	1	LCA		A 4049 B 4049	7.495 8.047	0.004 0.007					12.967 272 79 -43.709 038 14 12.967 381 42 -43.708 810 82	11.66 11.66	30.29 30.91	3.36 -6.62	1.14 1.38 1.54 0.99 1.13 3.54 3.09 1.54 2.05 1.77	A 19.1	0.866	+0.3	-0.009								
00521+1036	1	FCA		A 4065 B 4065	8.986 9.638	0.006 0.011	9.260	0.017	8.835	0.016	13.031 555 85 +10.600 942 71 13.031 466 55 +10.601 558 81	9.61 9.61	42.91 42.91	-25.86 -25.86	1.84 1.48 1.90 1.74 1.09 4.74 3.57 1.90 1.74 1.09	A 351.9	2.240										
00521-1314	1	FCA		A 4066 B 4066	10.073 10.624	0.015 0.024					13.032 284 79 -13.230 295 03 13.032 525 42 -13.230 367 66	14.69 14.69	84.84 84.84	-88.07 -88.07	4.43 3.11 3.60 4.95 2.41 11.82 8.04 3.60 4.95 2.41	A 107	0.88										
00522-2237	1	LCA		A 4072 B 4072	7.672 8.513	0.006 0.013	7.897	0.027	7.365	0.028	13.053 665 56 -22.616 758 97 13.053 111 71 -22.616 964 01	18.48 18.48	-110.92 -107.03	-204.39 -212.92	1.38 1.21 1.47 1.25 0.93 4.26 3.80 1.47 2.61 1.93	A 248.1	1.983	-0.3	0.000								
00523+4220	1	FND	D	A 4082 B 4082	9.264 13.268	0.009 0.333	10.666	0.041	9.207	0.020	13.087 132 04 +42.326 373 49 13.087 570 66 +42.325 020 15	0.94 0.94	-10.00 -10.00	-4.43 -4.43	1.35 1.16 1.66 1.36 0.98 88.15 56.04 1.66 1.36 0.98	A 167	5.01										



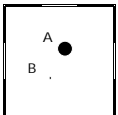
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
00524-6930	1	I CA	A 4084 B 4088	6.840 0.027 7.621 0.046	7.248 0.006 8.142 0.009	6.705 0.005 7.424 0.008		13.102 138 60 13.118 186 30	-69.503 596 43 -69.502 736 58	16.33 13.50	3.81 -68.87 -2.47 -59.75	1.73 1.78 1.59 1.84 2.14 15.63 14.16 4.60 11.60 12.41	A	81.31	20.46	-0.03	0.00									
00527+4257	1	F C B	A 4102 B 4102	9.590 0.197 10.903 0.659				13.164 785 53 13.164 787 87	+42.958 048 17 +42.958 083 96	2.23 2.23	-1.79 0.21 -1.79 0.21	6.18 12.17 1.19 0.97 0.65 18.24 38.29 1.19 0.97 0.65	A	3	0.13											
00528+0948	1	F C B	A 4120 B 4120	8.688 0.007 12.033 0.145	9.533 0.020	8.600 0.015		13.195 597 15 13.196 043 83	+9.803 580 75 +9.802 662 80	23.39 23.39	-32.77 -49.48 -32.77 -49.48	1.90 1.50 2.04 1.88 1.32 45.64 52.26 2.04 1.88 1.32	A	154	3.66											
00528+5638	1	F N B G	A 4121 C 4121 D 4121 B 4121	8.626 0.010 9.207 0.016 9.819 0.029 10.124 0.044	8.439 0.016 9.065 0.035 9.686 0.022	8.380 0.020 8.859 0.042 9.656 0.031		13.205 068 15 13.206 493 18 13.203 986 49 13.205 834 56	+56.627 646 22 +56.626 898 86 +56.625 238 10 +56.627 706 29	-0.81 -0.81 -0.81 -0.81	-2.95 -3.22 -2.95 -3.22 -2.95 -3.22 -2.95 -3.22	1.35 1.29 1.71 1.22 1.18 3.64 3.34 1.71 1.22 1.18 5.94 6.14 1.71 1.22 1.18 8.48 8.02 1.71 1.22 1.18	A	133.63	3.899											
00528+6852	1	F C A	A 4116 B 4116	7.997 0.005 8.041 0.005				13.188 430 85 13.189 970 72	+68.865 809 74 +68.866 487 07	5.31 5.31	3.51 -3.66 3.51 -3.66	1.53 1.44 1.55 1.48 1.38 2.80 2.32 1.55 1.48 1.38	A	39.3	3.153											
00530+1806	1	F C B	A 4141 B 4141	9.264 0.010 12.297 0.166	10.474 0.050	9.191 0.027		13.240 997 02 13.241 283 73	+18.106 761 87 +18.105 741 79	4.43 6.43	35.63 -24.01 35.63 -24.01	2.22 1.49 2.16 2.38 1.30 44.78 36.01 2.16 2.38 1.30	A	165	3.80											
00530+6355	1	F C A	A 4142 B 4142	8.109 0.005 11.466 0.100	8.459 0.009	8.057 0.009		13.242 506 04 13.242 273 53	+63.924 571 32 +63.923 729 41	4.70 6.70	-3.75 -31.62 -3.75 -31.62	0.81 0.87 1.13 0.83 0.77 22.22 21.82 1.13 0.83 0.77	A	186.9	3.05											
00530-6105	1	F C A	A 4149 B 4149	8.534 0.007 9.049 0.010	9.076 0.015 9.552 0.021	8.411 0.013 8.859 0.018		13.252 677 93 13.255 859 87	-61.077 001 91 -61.076 457 02	8.55 8.55	51.47 6.16 51.47 6.16	1.32 1.45 1.56 1.45 1.40 3.33 3.67 1.56 1.45 1.40	A	70.50	5.877											
00532-2447	1	F C A	A 4164 B 4164	6.651 0.003 9.203 0.025	7.036 0.005	6.587 0.006		13.301 640 21 13.301 868 45	-24.776 972 93 -24.775 474 76	13.43 13.43	104.49 39.95 104.49 39.95	0.92 0.72 1.02 1.01 0.82 8.02 5.88 1.02 1.01 0.82	A	7.9	5.44											
00533+0405	1	F C A	A 4176 B 4176	7.550 0.018 8.793 0.058				13.331 303 21 13.331 367 82	+4.086 298 98 +4.086 352 03	8.31 8.31	-40.23 -30.52 -40.23 -30.52	4.55 1.87 1.20 1.14 0.90 16.28 4.50 1.20 1.14 0.90	A	51	0.30											
00533+0500	1	F C A	A 4173 B 4173	9.341 0.007 10.484 0.019	9.729 0.023	9.212 0.024 10.339 0.065		13.329 475 78 13.328 590 04	+5.005 111 36 +5.007 410 51	3.05 3.05	-7.74 -1.17 -7.74 -1.17	2.15 1.55 2.21 1.96 1.48 8.22 6.44 2.21 1.96 1.48	A	339.0	8.87											
00533-4530	1	F C A	A 4177 B 4177	9.050 0.032 9.052 0.032				13.334 279 54 13.334 234 48	-45.505 783 40 -45.505 713 57	4.40 4.40	16.30 -1.96 16.30 -1.96	2.85 4.03 1.24 0.96 0.90 3.56 4.34 1.24 0.96 0.90	A	336	0.276											
00535+0318	1	F C A	A 4186 B 4186	9.529 0.007 9.827 0.009	9.605 0.039 9.914 0.061	9.095 0.031 9.386 0.051		13.368 915 00 13.368 574 84	+3.302 801 94 +3.302 524 55	5.11 5.11	20.67 -14.20 20.67 -14.20	2.26 1.61 2.22 2.00 1.30 4.11 4.24 2.22 2.00 1.30	A	230.8	1.58											
00537-7910	1	F C C	A 4210 B 4210	10.328 0.770 10.453 0.864				13.427 769 05 13.427 578 37	-79.171 782 61 -79.171 792 92	-0.22 -0.22	10.51 0.36 10.51 0.36	24.92 16.29 0.89 0.86 0.99 75.77 20.77 0.89 0.86 0.99	A	254	0.13											
00538+5241	1	F C A	A 4212 B 4212	6.378 0.002 9.806 0.049	6.551 0.003 10.235 0.029	6.333 0.003 9.493 0.023		13.448 029 20 13.444 569 01	+52.689 344 53 +52.688 437 97	11.72 11.72	75.18 -21.03 75.18 -21.03	0.53 0.50 0.75 0.53 0.47 11.62 11.00 0.75 0.53 0.47	A	246.6	8.23											
00539-5435	1	F C A	A 4228 B 4228	7.766 0.005 10.464 0.059	9.066 0.012 11.070 0.056	7.721 0.007 10.468 0.051		13.486 612 35 13.482 294 57	-54.592 330 89 -54.589 405 68	3.27 3.27	20.50 31.65 20.50 31.65	0.84 0.90 1.05 1.02 0.92 14.77 17.97 1.05 1.02 0.92	A	319.5	13.86											
00540-2503	1	I C A	A 4233 B 4234	8.816 0.012 8.967 0.013	9.185 0.015 9.336 0.017	8.755 0.015 8.899 0.017		13.496 877 63 13.500 466 05	-25.042 481 24 -25.044 624 83	9.95 8.34	45.08 -25.69 42.74 -20.85	4.05 3.63 4.09 5.03 3.87 7.12 6.15 4.64 7.56 5.02	A	126.75	12.90	-0.01	0.00									
00541+5701	1	F C B	A 4237 B 4237	7.900 0.158 8.788 0.357				13.520 883 34 13.520 824 74	+57.014 127 68 +57.014 130 81	8.49 8.49	28.25 -8.22 28.25 -8.22	8.23 11.17 0.82 0.61 0.55 19.77 24.93 0.82 0.61 0.55	A	276	0.12											
00541+6626	1	F C C	A 4239 B 4239	7.173 0.003 11.095 0.111				13.525 104 97 13.525 641 44	+66.435 529 48 +66.435 426 62	9.45 9.45	58.87 7.37 58.87 7.37	0.70 0.65 0.83 0.74 0.69 32.70 33.51 0.83 0.74 0.69	A	116	0.86											
00542+5108	1	L C A	A 4253 B 4253	9.909 0.007 10.469 0.011				13.562 093 82 13.562 385 01	+51.136 753 84 +51.136 919 38	14.65 14.65	64.41 -53.81 74.40 -61.15	2.82 2.39 4.00 2.65 1.86 5.20 4.44 4.00 4.43 3.38	A	47.8	0.888	+0.8	+0.002									
00542-1626	1	F C C	A 4247 B 4247	9.198 0.014 12.332 0.246				13.544 363 83 13.544 363 61	-16.434 924 52 -16.435 027 69	6.46 6.46	21.72 15.25 21.72 15.25	2.26 2.89 2.25 2.22 1.50 46.45 47.31 2.25 2.22 1.50	A	180	0.37											
00543+6903	1	F C A	A 4258 B 4258	9.862 0.008 10.298 0.012	10.324 0.028 10.771 0.047	9.699 0.026 10.072 0.041		13.574 959 49 13.579 712 53	+69.047 357 87 +69.047 955 25	8.59 8.59	-94.54 -35.18 -94.54 -35.18	1.98 1.83 2.24 2.24 1.95 5.03 4.97 2.24 2.24 1.95	A	70.63	6.49											
00546+1912	1	L C A	A 4267 B 4267	6.150 0.004 7.196 0.009				13.646 749 99 13.646 692 52	+19.188 436 11 +19.188 313 05	8.88 8.88	11.05 -7.69 20.17 -16.20	1.18 0.95 1.01 0.96 0.65 4.56 2.46 1.01 2.11 1.05	A	203.8	0.484	-1.4	+0.004									
00546+3910	1	I C A G	A 4268 B 4269	8.209 0.028 9.485 0.071	10.187 0.024 11.181 0.059	8.361 0.010 9.319 0.019		13.656 319 82 13.657 167 97	+39.169 393 08 +39.162 884 44	6.98 3.52	-51.00 -14.60 15.88 -11.38	20.91 27.29 4.21 20.41 17.22 9.78 8.52 8.15 10.38 5.67	A	174.2	23.55	-0.2	0.00									
00546-8240	1	F C C	A 4266 B 4266	8.612 0.124 11.076 1.197				13.639 972 75 13.639 556 16	-82.669 322 67 -82.669 293 49	1.91 1.91	6.04 -2.06 6.04 -2.06	16.39 8.65 1.53 1.77 1.43 75.16 47.54 1.53 1.77 1.43	A	299	0.22											
00547-4954	1	F N D	A 4277 B 4277	9.486 0.010 13.445 0.388	10.039 0.019	9.405 0.017		13.681 269 48 13.684 016 87	-49.904 645 79 -49.905 218 98	8.30 8.30	12.47 -50.35 12.47 -50.35	1.29 1.44 1.78 1.44 1.59 86.18 98.04 1.78 1.44 1.59	A	108	6.70											
00547-6528	1	I C A	A 4273 B 4271	8.053 0.012 9.707 0.043	8.507 0.010 10.169 0.029	7.977 0.009 9.579 0.027		13.667 745 34 13.661 701 10	-65.459 987 62 -65.463 688 43	11.12 9.12	-53.49 -53.09 -50.83 -53.62	1.52 1.54 1.46 1.52 1.58 11.44 11.88 5.83 6.27 6.34	A	214.15	16.10	-0.01	0.00									



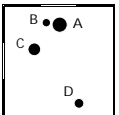
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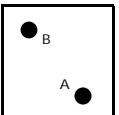
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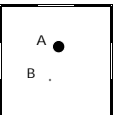
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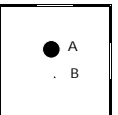
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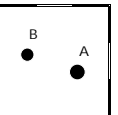
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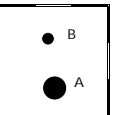
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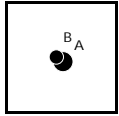
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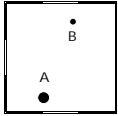
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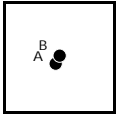
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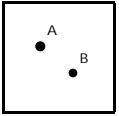
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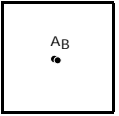
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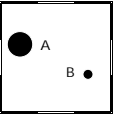
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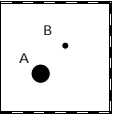
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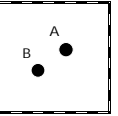
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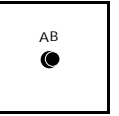
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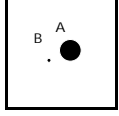
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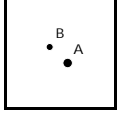
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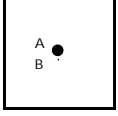
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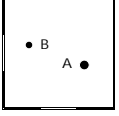
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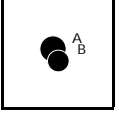
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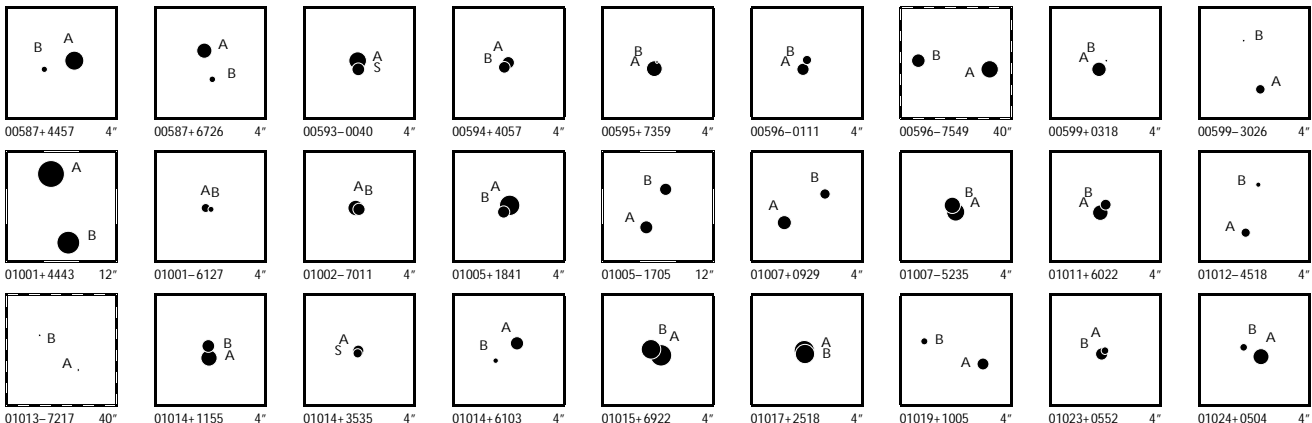


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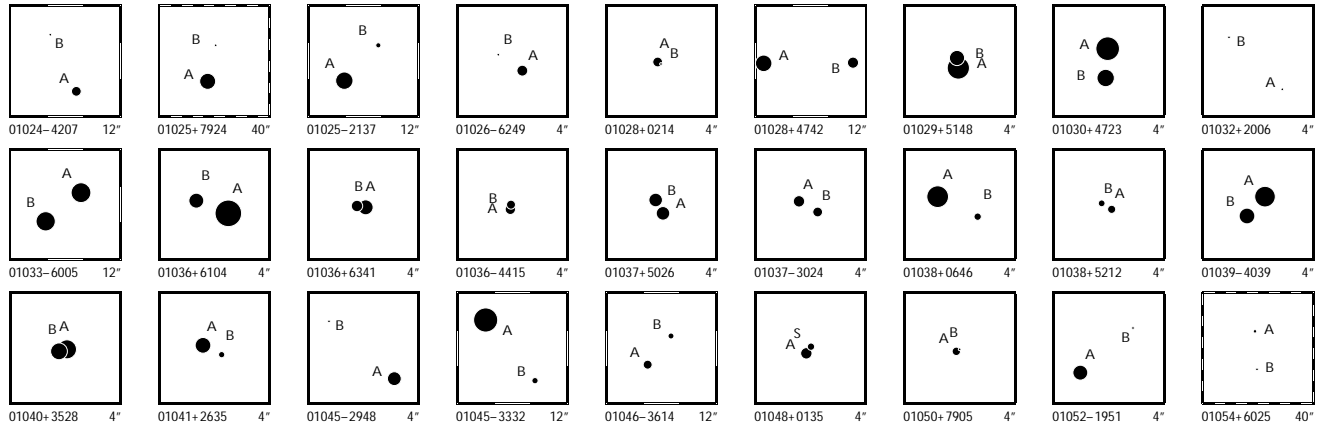


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
00548+0926	1	F CA	A	4278	8.614	0.004	8.912	0.019	8.568	0.020	13.688	303 21	+9.428	859 62	5.03	-17.39	-30.28	1.60	1.20	1.67	1.57	1.02	A	300.2	3.131		
			B	4278	9.629	0.009	10.032	0.085	9.501	0.074	13.687	541 25	+9.429	297 36	5.03	-17.39	-30.28	4.47	3.66	1.67	1.57	1.02					
00549+2337	1	L CA	A	4288	6.186	0.004					13.741	749 56	+23.628	445 95	25.69	137.06	-45.58	1.37	1.35	1.29	1.39	1.17	A	289.8	0.743	+2.5	+0.016
			B	4288	6.592	0.005					13.741	537 51	+23.628	515 78	25.69	132.99	-9.66	4.16	4.49	1.29	2.30	3.14					
00549+4924	1	F CA	A	4285	8.206	0.011					13.724	324 98	+49.405	293 84	0.17	11.66	-7.05	1.85	1.68	1.71	1.41	1.04	A	218	0.351		
			B	4285	8.780	0.019					13.724	233 85	+49.405	216 58	0.17	11.66	-7.05	3.65	2.72	1.71	1.41	1.04					
00551+1333	1	F CA	A	4302	9.719	0.010	10.274	0.040	9.539	0.034	13.782	265 74	+13.549	736 53	8.55	82.98	-67.03	2.30	2.14	2.48	1.91	1.32	A	273.0	5.23		
			B	4302	11.275	0.042					13.780	772 08	+13.549	813 56	8.55	82.98	-67.03	14.51	14.39	2.48	1.91	1.32					
00551-1727	1	F CA	A	4299	8.734	0.005	9.038	0.014	8.447	0.013	13.774	400 96	-17.442	832 29	6.31	23.46	-1.07	1.72	1.35	1.69	2.20	1.20	A	96.6	1.20		
			B	4299	9.888	0.014					13.774	746 78	-17.442	870 46	6.31	23.46	-1.07	7.09	4.45	1.69	2.20	1.20					
00552+4653	1	F CA	A	4306	7.998	0.005					13.790	428 76	+46.882	980 00	4.14	33.60	-23.08	1.19	1.11	1.24	0.97	0.78	A	116	0.45		
			B	4306	10.865	0.060					13.790	592 34	+46.882	925 11	4.14	33.60	-23.08	14.95	14.67	1.24	0.97	0.78					
00553+2310	1	F CB P	A	4322	10.897	0.052	10.957	0.080	10.866	0.120	13.825	549 71	+23.163	713 60	9.22	24.10	-0.18	4.35	3.26	4.25	4.54	3.30	A	109.6	11.10		
			B	4322	12.528	0.163					13.828	707 67	+23.162	678 50	9.22	24.10	-0.18	41.20	29.40	4.25	4.54	3.30					
00554+3040	1	L CA	B	4327	8.598	0.007					13.845	571 85	+30.661	644 64	5.97	26.77	3.48	3.56	2.24	1.97	2.50	1.15	B	120.0	0.499	+0.5	-0.007
			A	4327	8.643	0.008					13.845	711 52	+30.661	575 41	5.97	18.09	3.01	3.91	2.95	1.97	3.14	1.74					
00558-1622	1	F CA	A	4356	9.783	0.008	9.920	0.037	9.368	0.047	13.958	076 79	-16.368	507 50	1.28	0.99	-48.18	4.05	3.32	4.29	4.41	2.55	A	130.0	1.76		
			B	4356	10.097	0.011	10.253	0.074	9.558	0.060	13.958	467 43	-16.368	821 97	1.28	0.99	-48.18	6.06	5.27	4.29	4.41	2.55					
00558-2941	1	F CC	A	4353	9.619	0.007					13.954	130 97	-29.676	379 96	32.77	394.49	174.42	1.50	1.31	1.71	2.14	1.18	A	84	0.96		
			B	4353	13.201	0.188					13.954	435 80	-29.676	351 30	32.77	394.49	174.42	55.14	54.64	1.71	2.14	1.18					
00559-1732	1	F CA	A	4359	10.416	0.013	11.005	0.074	10.345	0.059	13.968	756 81	-17.525	733 07	4.88	15.28	-35.09	3.40	2.43	3.68	4.97	2.61	A	308.2	6.87		
			B	4359	11.803	0.045					13.967	184 25	-17.524	554 34	4.88	15.28	-35.09	16.20	13.08	3.68	4.97	2.61					
00560-2229	1	F CA	A	4368	10.702	0.014	11.142	0.058	10.540	0.054	13.996	201 14	-22.477	456 95	5.48	10.24	-3.44	2.60	2.34	3.15	3.22	2.72	A	48.8	2.83		
			B	4368	12.312	0.057					13.996	842 80	-22.476	938 76	5.48	10.24	-3.44	18.54	18.97	3.15	3.22	2.72					
00562+4639	1	F CB	A	4386	7.852	0.018					14.054	870 04	+46.654	124 23	2.29	-4.21	-3.26	4.14	3.33	1.62	1.44	0.97	A	280	0.29		
			B	4386	11.011	0.339					14.054	753 88	+46.654	138 51	2.29	-4.21	-3.26	37.34	58.80	1.62	1.44	0.97					
00564+5903	1	F CC	A	4397	8.430	0.117					14.095	739 17	+59.050	280 81	3.01	-12.95	-2.20	9.62	3.79	0.96	0.71	0.63	A	270	0.17		
			B	4397	10.586	0.849					14.095	649 62	+59.050	280 67	3.01	-12.95	-2.20	63.03	27.32	0.96	0.71	0.63					
00565-5946	1	F CA	A	4404	9.163	0.007	9.668	0.021	9.074	0.020	14.117	506 66	-59.763	890 20	5.70	-4.17	-16.48	1.22	1.28	1.45	1.28	1.50	A	273	3.68		
			B	4404	12.482	0.149					14.115	478 84	-59.763	839 64	5.70	-4.17	-16.48	40.49	34.18	1.45	1.28	1.50					
00567+1010	1	F CA	A	4431	9.369	0.006					14.182	404 73	+10.165	883 07	1.61	-8.42	-7.63	1.75	1.47	1.59	1.80	1.31	A	63	0.79		
			B	4431	12.068	0.066					14.182	603 22	+10.165	983 01	1.61	-8.42	-7.63	21.35	17.84	1.59	1.80	1.31					
00568+6022	1	L CA	A	4440	6.110	0.014					14.195	614 26	+60.362	821 19	5.31	25.88	-7.76	1.48	1.85	0.61	0.89	0.62	A	333.4	0.264	+1.4	+0.005
			B	4440	6.534	0.021					14.195	547 84	+60.362	886 82	5.31	29.57	-0.35	2.52	2.68	0.61	1.41	0.86					
00568-6404	1	F CA	A	4441	8.736	0.007	9.041	0.015	8.624	0.012	14.196	215 92	-64.075	052 03	5.71	9.08	4.01	1.36	1.34	1.49	1.33	1.34	A	246.7	2.62		
			B	4441	10.144	0.026	10.139	0.036	9.593	0.038	14.194	685 18	-64.075	340 54	5.71	9.08	4.01	7.01	7.06	1.49	1.33	1.34					
00569-5153	1	F CA	A	4448	9.767	0.113					14.230	714 12	-51.875	542 86	22.95	97.90	11.31	11.61	7.00	2.16	2.08	1.71	A	93	0.23		
			B	4448	10.018	0.142					14.230	816 55	-51.875	545 82	22.95	97.90	11.31	17.22	12.61	2.16	2.08	1.71					
00570+5614	1	F NC	A	4451	8.663	0.013	9.790	0.021	8.667	0.014	14.241	918 47	+56.240	022 65	-0.97	-1.85	0.65	1.26	1.39	1.87	1.37	1.34	A	209	2.31		
			E	4451	12.304	0.364					14.241	364 68	+56.239	458 43	-0.97	-1.85	0.65	56.74	61.04	1.87	1.37	1.34					
00574-3957	1	F CA	A	4483	9.921	0.017					14.359	708 10	-39.946	729 33	5.24	86.27	-34.06	3.00	3.06	3.28	2.70	2.17	A	242	0.434		
			B	4483	10.076	0.019					14.359	568 93	-39.946	785 69	5.24	86.27	-34.06	4.00	5.42	3.28	2.70	2.17					
00576-1900	1	F CA	A	4496	7.041	0.003	7.062	0.005	6.986	0.005	14.407	298 52	-18.998	633 00	7.64	14.33	4.99	1.03	0.83	1.14	1.12	0.81	A	237.8	3.29		
			B	4496	9.770	0.039	7.281	0.008	7.179	0.009	14.406	481 95	-18.999	119 44	7.64	14.33	4.99	13.81	12.92	1.14	1.12	0.81					
00576-4115	1	L CA	A	4493	8.869	0.004					14.394	842 52	-41.256	420 81	11.16	-42.59	-65.76	0.93	1.30	1.47	0.78	0.99	A	62.5	0.766	-1.0	+0.015
			B	4493	11.060	0.028					14.395	093 69	-41.256	322 64	11.16	-35.81	-47.10	6.44	10.51	1.47	0.78	0.99					
00579-6634	1	F CA	A	4512	7.702	0.																					

System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors				Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
00587+4457	1	FCA	A 4581 B 4581	7.813 0.003 10.641 0.044	8.802 0.009	7.709 0.006		14.672 673 82 14.673 112 61	+44.956 267 83 +44.956 177 95	5.63 5.63	-8.97 -8.97	-5.62 -5.62	1.23 0.99 1.38 1.15 0.81 26.66 8.84 1.38 1.15 0.81	A 106	1.16												
00587+6726	1	LCA	A 4580 B 4580	8.621 0.005 10.575 0.029	8.900 0.011	8.470 0.011		14.666 307 86 14.666 081 12	+67.440 215 06 +67.439 921 34	5.78 5.78	22.32 39.47	-12.43 -30.42	1.05 1.16 1.20 0.91 1.18 7.22 10.31 1.20 5.31 9.10	A 196.5	1.10	-1.1	+0.01										
00593-0040	1	FCA	A 4619 S 4619	8.110 0.011 9.167 0.029				14.835 292 81 14.835 281 49	-0.674 528 87 -0.674 618 42	12.60 12.60	27.38 27.38	-34.58 -34.58	1.74 2.03 1.19 1.26 1.04 5.14 4.56 1.19 1.26 1.04	A 187	0.325												
00594+4057	1	FCA	A 4626 B 4626	9.298 0.047 9.446 0.054				14.850 564 32 14.850 617 02	+40.942 219 69 +40.942 174 69	2.18 2.18	-4.67 -4.67	-1.55 -1.55	3.96 4.22 1.45 1.19 0.82 4.77 4.90 1.45 1.19 0.82	A 139	0.216												
00595+7359	1	FCC	A 4636 B 4636	8.503 0.049 11.446 0.731				14.877 216 28 14.877 128 00	+73.987 677 84 +73.987 745 83	2.44 2.44	-23.02 -23.02	-3.62 -3.62	4.98 6.84 1.47 1.42 1.44 61.40 67.48 1.47 1.42 1.44	A 340	0.26												
00596-0111	1	LCA	A 4641 B 4641	9.284 0.010 9.937 0.019				14.896 119 70 14.896 078 61	-1.191 799 77 -1.191 703 11	10.55 10.55	79.79 92.01	79.84 84.40	2.78 2.56 2.18 2.21 1.67 5.98 5.10 2.18 3.59 2.70	A 337	0.378	+2	-0.001										
00596-7549	1	ICB	A 4638 B 4646	8.183 0.079 8.980 0.132	8.752 0.013 9.525 0.018	8.096 0.011 8.880 0.016		14.891 438 88 14.921 254 54	-75.814 602 59 -75.813 783 01	9.67 8.72	-15.87 -14.18	-18.24 -17.06	40.71 45.07 1.51 1.36 1.83 3.12 3.32 2.16 2.05 2.71	A 83.61	26.470	0.00	+0.002										
00599+0318	1	FCC	A 4660 B 4660	8.807 0.006 12.434 0.152				14.971 253 75 14.971 177 05	+3.302 748 64 +3.302 847 33	3.65 3.65	-20.64 -20.64	-13.05 -13.05	2.01 1.75 1.61 1.57 1.18 65.02 60.63 1.61 1.57 1.18	A 322	0.45												
00599-3026	1	FCA	A 4667 B 4667	9.901 0.010 11.802 0.054	10.282 0.034	9.768 0.033		14.986 919 42 14.987 116 30	-30.429 284 18 -30.428 793 36	6.46 6.46	-31.97 -31.97	17.91 17.91	2.00 2.32 2.41 2.50 2.00 16.27 15.08 2.41 2.50 2.00	A 19.1	1.87												
01001+4443	1	FCA	A 4675 B 4675	6.087 0.003 6.954 0.007	6.024 0.003 6.953 0.005	6.061 0.004 6.902 0.006		15.014 779 94 15.014 055 55	+44.713 304 26 +44.711 183 71	7.76 7.76	14.72 14.72	-25.24 -25.24	0.96 0.80 1.11 0.96 0.68 2.43 1.90 1.11 0.96 0.68	A 193.65	7.856												
01001-6127	1	FCA	A 4678 B 4678	10.046 0.107 10.655 0.188				15.029 258 90 15.029 153 62	-61.454 445 82 -61.454 454 04	4.32 4.32	0.31 0.31	-31.44 -31.44	8.53 7.59 1.12 1.04 1.09 17.69 13.00 1.12 1.04 1.09	A 261	0.18												
01002-7011	1	FCA	A 4684 B 4684	8.572 0.151 9.307 0.297				15.042 079 07 15.041 973 35	-70.176 784 84 -70.176 797 18	7.15 7.15	-9.47 -9.47	11.82 11.82	9.85 5.46 0.74 0.67 0.69 16.76 10.38 0.74 0.67 0.69	A 251	0.14												
01005+1841	1	FCA	A 4705 B 4705	7.516 0.011 9.328 0.058				15.123 411 09 15.123 477 07	+18.691 576 10 +18.691 509 92	6.94 6.94	75.13 75.13	0.98 0.98	2.01 1.81 1.26 1.24 0.67 8.94 8.08 1.26 1.24 0.67	A 137	0.33												
01005-1705	1	FCA	P A 4711 B 4711	9.123 0.010 9.306 0.012	9.655 0.040	9.160 0.040		15.131 774 97 15.131 147 45	-17.076 757 13 -17.075 595 68	6.22 6.22	-4.48 -4.48	-7.24 -7.24	2.82 2.77 3.16 3.08 2.25 5.06 4.11 3.16 3.08 2.25	A 332.7	4.71												
01007+0929	1	FCA	A 4728 B 4728	8.859 0.006 9.718 0.012	9.167 0.022 9.869 0.034	8.708 0.020 9.395 0.037		15.173 893 68 15.173 467 33	+9.486 878 13 +9.487 170 22	2.65 2.65	7.17 7.17	-1.63 -1.63	2.22 1.65 2.09 2.38 1.28 4.03 3.57 2.09 2.38 1.28	A 304.8	1.843												
01007-5235	1	LCA	A 4724 B 4724	7.993 0.016 8.409 0.024				15.166 885 55 15.166 946 40	-52.582 802 68 -52.582 736 85	7.68 7.68	16.73 4.61	12.60 0.34	1.91 2.10 0.86 1.19 1.18 3.29 3.37 0.86 1.82 1.80	A 29	0.272	-1	-0.017										
01011+6022	1	FCA	A 4755 B 4755	8.584 0.009 9.611 0.022				15.276 899 48 15.276 789 92	+60.358 509 79 +60.358 599 44	5.65 5.65	23.41 23.41	-21.54 -21.54	1.61 1.62 1.70 1.30 1.18 5.14 4.35 1.70 1.30 1.18	A 329	0.377												
01012-4518	1	FCA	A 4764 B 4764	9.939 0.008 10.883 0.018	10.281 0.019 10.659 0.104	9.510 0.017 9.948 0.042		15.305 244 50 15.305 054 07	-45.299 676 71 -45.299 187 50	16.47 16.47	129.31 129.31	25.20 25.20	1.77 1.84 2.47 1.74 1.92 5.90 5.18 2.47 1.74 1.92	A 344.7	1.83												
01013-7217	1	FND	D A 4768 B 4773	11.394 0.067 13.506 0.405	11.370 0.085	11.320 0.137		15.320 819 00 15.333 965 67	-72.291 978 97 -72.288 406 63	-6.63 -6.63	3.57 3.57	-1.18 -1.18	4.50 4.42 3.80 5.21 4.81 128.68 117.71 3.80 5.21 4.81	A 48.2	19.30												
01014+1155	1	LCA	A 4775 B 4775	8.415 0.006 9.177 0.012				15.340 700 04 15.340 707 46	+11.912 701 20 +11.912 826 07	13.85 13.85	9.50 7.36	9.08 29.65	1.76 2.04 1.51 1.69 1.50 4.44 4.19 1.51 4.09 2.85	A 3	0.450	0	+0.020										
01014+3535	1	FCA	A 4783 S 4783	9.523 0.236 9.945 0.349				15.354 510 33 15.354 525 60	+35.578 736 15 +35.578 703 88	5.93 5.93	21.99 21.99	-26.89 -26.89	6.64 16.25 1.14 1.32 0.65 12.70 13.84 1.14 1.32 0.65	A 159	0.12												
01014+6103	1	FCA	A 4781 B 4781	9.087 0.007 10.786 0.031				15.352 000 92 15.352 457 56	+61.043 241 79 +61.043 066 86	6.93 6.93	55.05 55.05	-12.38 -12.38	1.21 1.15 1.71 1.51 1.25 7.46 6.01 1.71 1.51 1.25	A 128.4	1.01												
01015+6922	1	FCA	A 4789 B 4789	7.260 0.005 7.655 0.008				15.375 653 59 15.375 922 01	+69.358 528 05 +69.358 595 00	2.80 2.80	-7.42 -7.42	-2.71 -2.71	1.03 1.06 1.06 0.92 1.20 1.73 1.78 1.06 0.92 1.20	A 54.7	0.417												
01017+2518	1	LCA	A 4809 B 4809	7.479 0.180 7.755 0.232				15.431 226 50 15.431 221 67	+25.292 263 94 +25.292 231 42	13.94 13.94	144.66 124.56	-8.43 -18.16	6.16 11.17 0.90 3.33 1.77 8.59 11.30 0.90 4.69 2.31	A 188	0.118	+9	+0.012										
01019+1005	1	FCA	A 4823 B 4823	9.351 0.009 10.413 0.024	9.617 0.022	9.164 0.022		15.485 404 41 15.486 014 77	+10.089 748 40 +10.089 979 25	4.39 4.39	-17.68 -17.68	-3.05 -3.05	2.13 1.51 1.91 2.32 1.32 8.48 5.87 1.91 2.32 1.32	A 69.0	2.32												
01023+0552	1	FCA	B 4841 A 4841	9.317 0.068 10.301 0.168				15.573 140 21 15.573 104 56	+5.866 623 56 +5.866 659 23	6.68 6.68	98.72 98.72	-5.17 -5.17	4.88 5.83 1.25 1.52 0.86 13.40 14.25 1.25 1.52 0.86	B 315	0.18												
01024+0504	1	LCA	A 4849 B 4849	8.466 0.006 10.339 0.030				15.601 553 92 15.601 728 87	+5.060 909 60 +5.061 002 33	46.61 46.61	340.03 308.41	221.12 242.67	1.76 1.26 1.61 1.69 1.08 10.47 7.33 1.61 8.06 4.24	A 62.0	0.71	-2.7	-0.02										

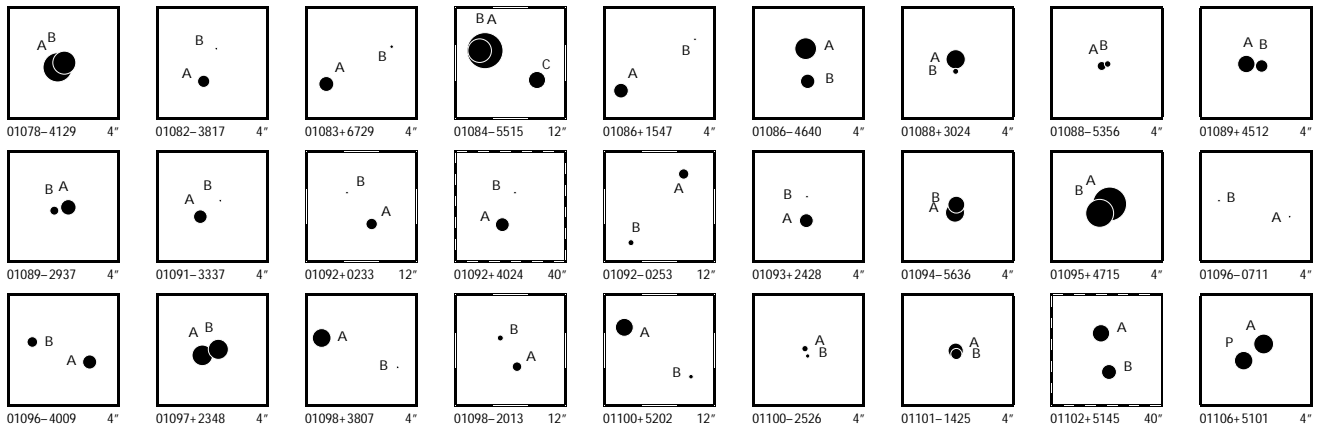


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
01024-4207	1	F CA	A 4848 B 4848	9.838 12.448	0.008 0.087	10.505	0.027	9.750	0.022	15.589 668 57 15.590 785 05	-42.123 513 23 -42.121 770 69	11.50 11.50	-6.06 -6.06	27.92 27.92	1.40 23.70	1.66 27.96	2.29 2.29	1.52 1.52	1.63 1.63	A	25.4	6.95						
01025+7924	1	F ND	W A 4862 B 4862	8.440 11.890	0.009 0.204	8.694	0.010	8.397	0.011	15.626 381 46 15.621 931 30	+79.403 312 21 +79.406 976 43	1.17 1.17	-1.44 -1.44	-9.34 -9.34	1.07 43.06	1.06 45.47	1.13 1.13	1.30 1.30	1.32 1.32	A	347.1	13.53						
01025-2137	1	F CA	A 4855 B 4855	8.134 10.889	0.004 0.041	8.945	0.013	8.060	0.010	15.614 906 94 15.613 762 44	-21.610 500 13 -21.609 437 11	31.35 31.35	237.00 237.00	-32.06 -32.06	1.03 11.81	0.88 11.93	1.28 1.28	1.61 1.61	0.81 0.81	A	315.0	5.41						
01026-6249	1	F CA	A 4870 B 4870	9.578 12.605	0.012 0.182	10.383	0.028	9.498	0.021	15.654 965 43 15.655 494 59	-62.823 567 98 -62.823 402 12	6.49 6.49	21.04 21.04	15.41 15.41	1.51 36.11	1.57 36.24	1.73 1.73	1.60 1.60	1.87 1.87	A	56	1.06						
01028+0214	1	F ND	D A 4886 B 4886	9.865 11.732	0.220 1.227	15.688	524 55	+2.228	240 58	15.688 485 08	+2.228 209 92	11.43 11.43	119.44 119.44	-9.78 -9.78	12.26 115.14	8.27 85.92	1.69 1.69	1.80 1.80	1.04 1.04	A	232	0.18						
01028+4742	1	F CA	A 4888 B 4888	8.339 9.554	0.007 0.020	8.330	0.010	8.298	0.013	15.695 750 39 15.691 664 05	+47.698 750 23 +47.698 777 91	4.70 4.70	20.55 20.55	-11.18 -11.18	1.64 7.62	1.51 5.77	1.92 1.92	1.41 1.41	1.12 1.12	A	270.58	9.90						
01029+5148	1	F CA	A 4902 B 4902	7.076 8.639	0.003 0.014	15.724	089 70	+51.798	106 49	15.724 110 62	+51.798 206 67	0.89 0.89	10.89 10.89	-5.46 -5.46	1.66 9.26	1.09 3.81	1.30 1.30	0.89 0.89	0.72 0.72	A	7	0.364						
01030+4723	1	L CA	A 4911 B 4911	6.808 8.143	0.005 0.016	15.756	134 04	+47.376	195 49	15.756 173 99	+47.375 899 77	9.68 9.68	86.92 87.04	-15.47 -23.96	1.03 3.91	0.86 4.12	1.01 1.01	0.76 2.20	0.61 2.41	A	174.8	1.069	0.0	+0.008				
01032+2006	1	F CB	A 4927 B 4927	11.681 12.973	0.019 0.061	15.807	242 67	+20.097	735 84	15.807 819 15	+20.098 272 94	61.23 61.23	671.78 671.78	44.46 44.46	5.28 33.70	3.73 28.32	5.26 5.26	4.80 4.80	2.94 2.94	A	45.2	2.75						
01033-6005	1	F CA	A 4934 B 4934	7.631 7.720	0.005 0.005	8.052	0.008	7.518	0.008	15.825 172 42 15.827 368 78	-60.097 259 49 -60.098 142 35	12.44 12.44	-119.10 -119.10	-93.79 -93.79	1.08 2.03	1.05 1.74	1.11 1.11	0.99 0.99	1.03 1.03	A	128.88	5.064						
01036+6104	1	F CA	A 4962 B 4962	6.121 8.710	0.004 0.038	6.550	0.004	6.012	0.003	15.904 198 20 15.904 880 60	+61.074 829 82 +61.074 964 40	2.16 2.16	-1.54 -1.54	-2.96 -2.96	0.61 10.84	0.61 7.85	0.87 0.87	0.68 0.68	0.62 0.62	A	67.8	1.28						
01036+6341	1	L CA	A 4963 B 4963	8.675 9.505	0.029 0.061	15.904	900 75	+63.687	782 40	15.905 091 44	+63.687 796 37	9.72 9.72	-21.36 -28.70	-13.76 2.25	4.51 7.12	1.78 4.71	1.32 1.32	1.04 2.05	1.30 2.91	A	81	0.308	-3	-0.005				
01036-4415	1	L CA	A 4959 B 4959	9.728 10.004	0.089 0.115	15.897	224 70	-44.241	918 26	15.897 215 38	-44.241 866 94	3.54 3.54	15.60 -10.78	5.96 12.60	4.87 6.18	8.41 9.83	1.30 1.30	4.66 5.88	1.92 2.35	A	353	0.186	-8	+0.010				
01037+5026	1	F CA	A 4971 B 4971	8.970 9.022	0.005 0.005	15.926	716 63	+50.431	835 66	15.926 602 67	+50.431 695 97	3.08 3.08	6.51 6.51	-9.10 -9.10	2.99 4.03	2.81 3.55	2.82 2.82	2.34 2.34	2.21 2.21	B	207	0.567						
01037-3024	1	F CA	A 4974 B 4974	9.495 9.824	0.011 0.014	15.932	551 94	-30.398	615 17	15.932 330 74	-30.398 726 78	11.36 11.36	35.14 35.14	-33.59 -33.59	5.81 7.46	3.57 5.10	5.31 5.31	7.21 7.21	3.62 3.62	A	239.7	0.80						
01038+0646	1	F CA	A 4978 B 4978	7.195 10.367	0.004 0.064	7.178	0.007	7.135	0.007	15.946 421 21 15.946 002 91	+6.764 866 93 +6.764 665 64	6.93 6.93	12.03 12.03	-13.38 -13.38	1.11 22.53	1.13 15.10	1.14 1.14	1.25 1.25	0.88 0.88	A	244.1	1.66						
01038+5212	1	F CA	A 4976 B 4976	10.179 10.528	0.013 0.018	15.942	153 07	+52.198	703 30	15.942 330 18	+52.198 760 12	8.70 8.70	177.84 177.84	-33.68 -33.68	2.92 4.73	2.12 3.45	2.87 2.87	2.41 2.41	1.58 1.58	A	62	0.441						
01039-4039	1	L CA	A 4985 B 4985	7.427 8.529	0.003 0.007	15.981	632 06	-40.648	303 12	15.981 872 12	-40.648 504 29	5.43 5.43	-0.34 2.63	4.41 7.23	0.66 1.73	0.94 2.69	1.12 1.12	0.59 1.08	0.70 1.37	A	137.8	0.977	-0.2	0.000				
01040+3528	1	F CA	A 4990 B 4990	7.812 8.293	0.019 0.030	15.994	738 12	+35.469	468 97	15.994 837 58	+35.469 453 47	2.67 2.67	5.93 5.93	-2.48 -2.48	3.38 4.96	2.41 4.48	1.03 1.03	1.18 1.18	0.59 0.59	A	101	0.297						
01041+2635	1	F CB	P A 5007 B 5007	8.506 10.622	0.025 0.075	16.029	836 56	-26.587	061 57	16.029 628 07	+26.586 970 48	4.64 4.64	-10.96 -10.96	-12.12 -12.12	2.03 15.54	1.37 10.60	2.05 2.05	2.15 2.15	1.32 1.32	A	244	0.75						
01045-2948	1	F CA	A 5036 B 5036	8.953 11.935	0.006 0.085	9.391	0.015	8.876	0.015	16.124 665 51 16.125 444 69	-29.796 830 67 -29.796 245 76	4.47 4.47	30.33 30.33	-13.69 -13.69	1.46 25.89	1.46 29.31	1.83 1.83	2.14 2.14	1.48 1.48	A	49.1	3.22						
01045-3332	1	F CC	A 5042 B 5042	6.634 10.593	0.004 0.134	7.851	0.007	6.575	0.004	16.135 867 37 16.134 043 35	-33.532 788 05 -33.534 678 92	6.30 6.30	-44.23 -44.23	-23.51 -23.51	1.73 182.22	1.47 49.35	2.07 2.07	1.87 1.87	1.35 1.35	A	219	8.73						
01046-3614	1	F CA	A 5050 B 5050	9.994 10.681	0.008 0.015	10.412	0.029	9.837	0.028	16.163 616 88 16.162 733 93	-36.232 309 41 -36.231 439 59	6.37 6.37	51.40 51.40	-13.17 -13.17	1.92 4.82	2.17 5.92	2.74 2.74	1.82 1.82	1.83 1.83	A	320.7	4.05						
01048+0135	1	F CA	A 5064 S 5064	9.492 10.361	0.018 0.040	16.201	216 13	+1.587	778 78	16.201 165 80	+1.587 846 05	6.49 6.49	-14.47 -14.47	-15.33 -15.33	2.53 6.25	2.56 6.19	1.50 1.50	1.59 1.59	1.10 1.10	A	323	0.302						
01050+7905	1	F CC	A 5077 B 5077	10.147 11.588	0.196 0.738	16.241	073 59	+79.087	650 55	16.240 897 22	+79.087 670 54	2.02 2.02	-2.63 -2.63	0.81 0.81	9.70 50.40	6.23 28.29	1.11 1.11	1.27 1.27	1.16 1.16	A	301	0.14						
01052-1951	1	F CB	A 5093 B 5093	8.725 11.549	0.008 0.102	8.915	0.018	8.653	0.019	16.304 793 82 16.304 223 72	-19.854 960 30 -19.854 492 56	2.87 2.87	4.04 4.04	-6.98 -6.98	2.04 47.60	1.51 22.94	1.95 1.95	1.89 1.89	1.29 1.29	A	311	2.56						
01054+6025	1	F CA	A 5100 B 5100	11.233 12.768	0.033 0.132	11.459	0.069	11.187	0.090	16.345 958 14 16.345 706 96	+60.421 916 87 +60.418 086 15	5.46 5.46	-8.46 -8.46	5.68 5.68	4.24 31.18	4.19 37.73	6.54 6.54	4.78 4.78	4.03 4.03	A	181.9	13.80						

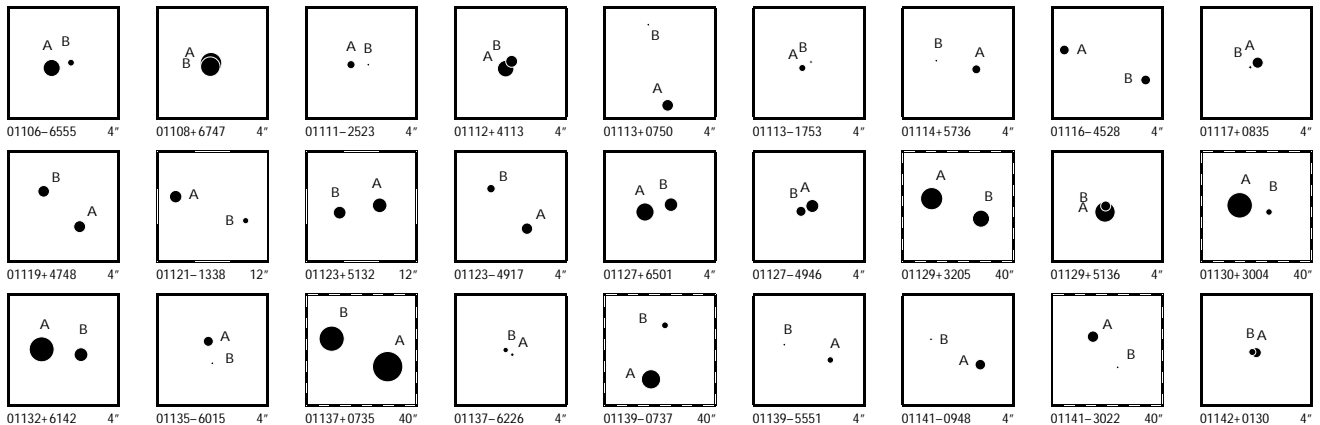


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
01055+1523	1	F CA	A	5110	9.221	0.008	10.489	0.054	9.150	0.029	16.374 623 37	+15.390 539 92	37.60	6.41	-196.83	2.23	1.65	2.02	2.48	1.81	A	202.0	6.23			
			B	5110	9.961	0.015	11.445	0.132	9.852	0.051	16.373 952 66	+15.388 935 96	37.60	6.41	-196.83	6.20	5.11	2.02	2.48	1.81						
01055+2107	1	L CA	A	5115	9.804	0.006					16.385 061 72	+21.120 791 11	11.63	-5.58	-35.95	3.29	2.59	3.08	2.71	1.68	A	343.5	0.553	-1.5	+0.011	
			B	5115	10.538	0.012					16.385 014 85	+21.120 938 47	11.63	-22.26	-29.87	7.49	5.14	3.08	5.10	3.09						
01057+2128	1	I ND	D	A	5131	5.343	0.008	5.319	0.003	5.317	0.004	16.420 531 52	+21.473 216 20	13.67	44.30	-14.32	1.70	1.35	1.47	1.66	1.10	A	159.40	29.778	-0.02	+0.002
			B	5132	5.519	0.009	5.470	0.003	5.527	0.004	16.423 658 38	+21.465 473 18	14.67	53.93	-12.63	3.69	2.44	1.72	2.04	1.22						
01057-6121	1	F CA	A	5126	9.326	0.008	9.551	0.018	9.029	0.017	16.412 378 95	-61.357 410 66	2.79	-0.18	-14.57	1.46	1.47	1.50	1.32	1.39	A	84.5	1.18			
			B	5126	10.290	0.020					16.413 060 09	-61.357 379 08	2.79	-0.18	-14.57	6.18	4.14	1.50	1.32	1.39						
01058-2618	1	F CC	A	5140	9.125	0.068	9.707	0.024	8.996	0.019	16.455 184 35	-26.306 929 13	6.58	120.29	-61.11	2.02	2.07	2.55	2.41	2.13	A	116.3	22.25			
			B	5140	10.720	0.236	11.951	0.180	11.011	0.136	16.461 365 72	-26.309 664 89	6.58	120.29	-61.11	96.10	86.66	2.55	2.41	2.13						
01060-0840	1	F CA	A	5154	8.255	0.005	9.252	0.017	8.177	0.012	16.491 313 64	-8.659 483 94	5.59	5.68	-12.97	1.19	0.87	1.21	1.45	0.88	A	46	1.27			
			B	5154	11.947	0.126					16.491 571 39	-8.659 239 82	5.59	5.68	-12.97	32.14	22.02	1.21	1.45	0.88						
01060-3925	1	F NC	A	5157	9.154	0.007	16.507	149 23	-39.413	991 43	3.62	-10.89	15.59	1.61	1.32	1.78	1.93	1.33		A	350	0.62				
			B	5157	13.247	0.297					16.507 110 88	-39.413 820 38	3.62	-10.89	15.59	75.41	78.81	1.78	1.93	1.33						
01061-5829	1	F CC	A	5167	9.465	0.009	9.960	0.020	9.378	0.018	16.524 612 95	-58.475 327 04	9.58	25.04	-82.40	1.18	1.31	1.42	1.26	1.46	A	349	5.75			
			B	5167	13.253	0.280					16.524 012 95	-58.473 761 53	9.58	25.04	-82.40	54.56	58.58	1.42	1.26	1.46						
01063+2233	1	F CA	A	5182	8.844	0.009	9.309	0.017	8.776	0.016	16.564 777 40	+22.551 720 26	12.62	30.27	21.00	1.82	1.12	1.79	1.61	0.99	A	119.3	13.54			
			B	5182	11.272	0.081					16.568 326 22	+22.549 878 00	12.62	30.27	21.00	26.66	14.62	1.79	1.61	0.99						
01063-0016	1	F CA	A	5181	9.273	0.037					16.564 183 35	-0.265 369 34	2.25	25.77	-3.04	2.75	4.23	1.30	1.26	0.95	A	357	0.223			
			B	5181	9.733	0.057					16.564 180 44	-0.265 307 49	2.25	25.77	-3.04	4.89	6.20	1.30	1.26	0.95						
01064+8005	1	F CA	A	5195	9.215	0.066					16.610 924 60	+80.089 895 97	5.22	33.23	1.03	4.42	6.71	0.88	0.88	1.02	B	353	0.20			
			B	5195	9.958	0.130					16.610 886 82	+80.089 950 89	5.22	33.23	1.03	8.71	11.26	0.88	0.88	1.02						
01064-2902	1	F CA	A	5194	11.497	0.018	16.610	747 36	-29.028	804 64	1.78	-51.80	-7.21	4.70	5.22	5.84	7.53	5.36		A	162	0.51				
			B	5194	11.918	0.026					16.610 798 75	-29.028 939 13	1.78	-51.80	-7.21	11.58	10.01	5.84	7.53	5.36						
01066+6240	1	F CB	A	5203	7.954	0.005	9.266	0.014	7.901	0.008	16.640 080 19	+62.670 849 26	4.57	62.50	-3.65	1.02	1.04	1.44	1.14	1.07	A	294.6	7.89			
			B	5203	11.550	0.137	11.789	0.236	11.454	0.253	16.635 743 52	+62.671 762 24	4.57	62.50	-3.65	46.83	38.66	1.44	1.14	1.07						
01066+6424	1	F ND	D	A	5210	7.667	0.004	8.208	0.008	7.600	0.007	16.658 975 84	+64.393 123 44	6.37	-16.26	-51.16	0.65	0.78	0.94	0.86	0.97	A	312	2.14		
			B	5210	11.782	0.156					16.657 946 99	+64.393 517 19	6.37	-16.26	-51.16	39.51	39.15	0.94	0.86	0.97						
01066+6833	1	F CC	A	5208	9.420	0.013					16.656 690 83	+68.548 607 31	1.74	-3.52	-0.83	2.97	3.49	2.54	2.17	2.34	A	28	0.45			
			B	5208	12.780	0.279					16.656 855 24	+68.548 718 25	1.74	-3.52	-0.83	56.06	64.42	2.54	2.17	2.34						
01068-0439	1	F CB	A	5220	8.334	0.014	8.704	0.012	8.276	0.012	16.689 619 83	-4.650 412 49	9.29	12.25	-30.96	2.11	1.77	2.02	2.37	1.71	A	29	2.73			
			B	5220	11.925	0.379					16.689 991 35	-4.649 749 92	9.29	12.25	-30.96	61.29	47.10	2.02	2.37	1.71						
01069+5952	1	F CA	A	5232	7.213	0.095					16.725 048 37	+59.858 641 27	4.65	1.99	-13.94	4.91	3.43	0.68	0.45	0.45	A	279	0.12			
			B	5232	8.336	0.267					16.724 984 64	+59.858 646 61	4.65	1.99	-13.94	14.98	10.17	0.68	0.45	0.45						
01071+1133	1	F ND	D	A	5244	7.304	0.006	7.575	0.011	7.249	0.008	16.766 426 59	+11.552 082 42	12.95	70.62	6.90	1.26	1.10	1.28	1.22	1.03	A	200.8	8.43		
			B	5244	10.760	0.147	11.257	0.111	10.491	0.093	16.765 579 22	+11.549 893 58	12.95	70.62	6.90	36.16	32.82	1.28	1.22	1.03						
01071-0036	1	F CB	A	5245	9.209	0.020					16.768 826 52	-0.592 026 44	18.53	-34.11	-29.03	4.48	3.86	2.04	2.03	1.45	A	308	0.28			
			B	5245	11.763	0.205					16.768 764 78	-0.591 978 54	18.53	-34.11	-29.03	44.29	40.25	2.04	2.03	1.45						
01072+3839	1	F CA	A	5249	8.290	0.123					16.788 176 25	+38.650 479 93	8.67	32.57	-13.43	7.83	6.38	0.84	0.74	0.50	B	286	0.13			
			B	5249	8.598	0.163					16.788 132 47	+38.650 489 80	8.67	32.57	-13.43	9.97	9.30	0.84	0.74	0.50						
01072+4933	1	F CA	A	5262	7.082	0.089	16.807	790 95	+49.555	459 89	5.92	20.87	-8.91	2.76	6.15	0.87	0.71	0.54		A	350	0.13				
			B	5262	8.407	0.301					16.807 781 66	+49.555 495 39	5.92	20.87	-8.91	9.92	15.22	0.87	0.71	0.54						
01072-0144	1	F CA	A	5253	7.473	0.004	7.967	0.012	7.381	0.014	16.795 620 46	-1.732 083 24	20.28	71.42	0.76	1.30	1.13	1.29	1.52	1.22	A	315.74	4.286			
			B	5253	8.562	0.010					16.794 789 18	-1.731 230 67	20.28	71.42	0.76	3.20	2.73	1.29	1.52	1.22						
01072-5606	1	F CB	A	5264	8.988	0.007					16.810 038 20	-56.103 415 00	9.75	82.92	-25.02	1.28	1.31	1.52	1.30	1.33	A	102	0.91			
			B	5264	12.396	0.158					16.810 484 72	-56.103 465 86	9.75	82.92	-25.02	38.91	49.25	1.52	1.30	1.33						
01072-6834	1	F FC	G	A	5261	9.474	0.009	11.049	0.050	9.419	0.020	16.807 764 14	-68.565 536 71	1.05	63.97	27.72	118.25	158.09	12.73	13.63	14.60	A	323.2			

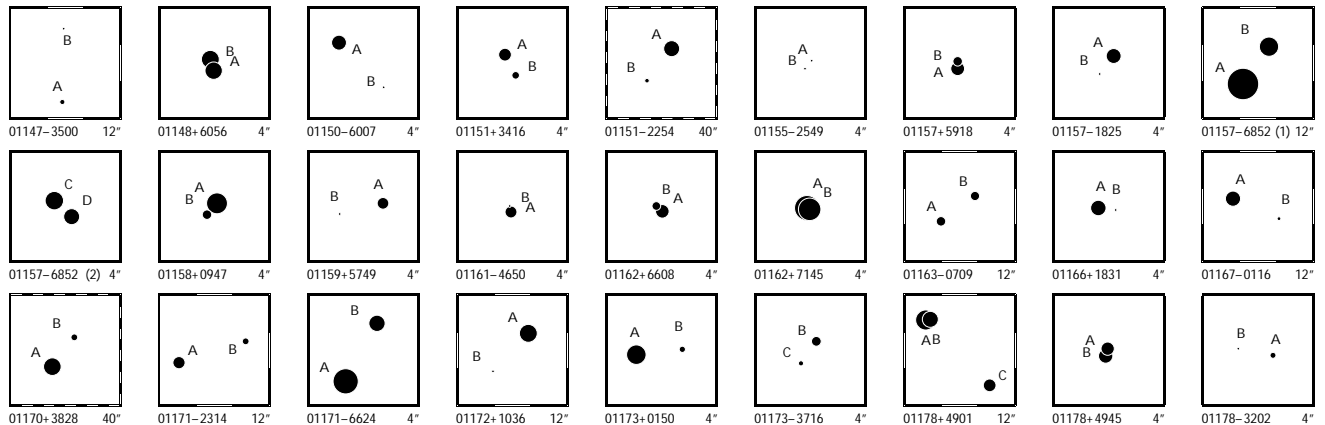
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
01078-4129	1	L CA	A 5300 B 5300	5.540 6.876	0.007 0.023						16.949 290 86 16.949 207 46	-41.486 944 49 -41.486 903 23	16.48 16.48	38.38 27.83	2.44 26.41	1.01 3.21	1.26 4.62	0.61 0.61	0.49 1.22	0.84 2.75	A 303	0.270	+3	+0.022		
01082-3817	1	F CA	A 5334 B 5334	9.327 12.254	0.008 0.108	10.291	0.030	9.244	0.020		17.048 875 68 17.048 703 10	-38.279 848 31 -38.279 512 64	2.70 2.70	28.11 28.11	-3.35 -3.35	1.55 22.26	1.60 36.37	1.95 1.95	1.62 1.62	1.34 1.34	A 338	1.30				
01083+6729	1	F CA	A 5340 B 5340	8.709 11.230	0.008 0.075	10.980	0.053	8.803	0.015		17.069 691 44 17.067 939 00	+67.483 376 26 +67.483 754 30	0.93 0.93	9.71 9.71	-1.52 -1.52	1.19 14.80	1.22 14.20	1.47 1.47	1.30 1.30	1.38 1.38	A 299.4	2.77				
01084-5515	1	F NC	G A 5348 B 5348 C 5348	4.023 6.803 8.233	0.007 0.064 0.282						17.096 083 70 17.096 355 90 17.093 260 67	-55.245 832 35 -55.245 813 61 -55.246 714 87	11.66 11.66 11.66	21.17 21.17 21.17	29.70 29.70 29.70	0.64 10.43 50.63	0.68 11.88 46.81	0.77 0.77 0.77	0.56 0.56 0.56	0.66 0.66 0.66	A 83 A 241.3	0.56 6.61				
01086+1547	1	F CA	A 5362 B 5362	8.732 11.775	0.007 0.105	9.895	0.026	8.640	0.016		17.140 704 59 17.139 914 94	+15.790 268 58 +15.790 791 93	5.08 5.08	1.91 1.91	-21.93 -21.93	1.65 26.31	1.01 15.51	1.55 1.55	1.76 1.76	0.98 0.98	A 304.6	3.32				
01086-4640	1	F CA	A 5363 B 5363	7.190 8.790	0.003 0.014	7.295	0.007	7.009	0.008		17.140 906 77 17.140 874 34	-46.668 039 15 -46.668 367 60	11.50 11.50	18.54 18.54	23.50 23.50	0.82 4.37	0.82 6.13	1.09 1.09	1.02 1.02	0.86 0.86	A 183.9	1.19				
01088+3024	1	F CA	A 5379 B 5379	7.760 10.683	0.003 0.049						17.202 808 68 17.202 810 81	+30.407 983 87 +30.407 861 75	4.06 4.06	22.41 22.41	-13.19 -13.19	1.10 15.74	0.92 9.57	1.17 1.17	1.13 1.13	0.71 0.71	A 179	0.44				
01088-5356	1	F CA	A 5378 B 5378	9.994 10.547	0.073 0.121						17.199 791 88 17.199 690 45	-53.940 248 44 -53.940 228 33	2.79 2.79	6.58 6.58	-6.87 -6.87	7.75 12.35	4.86 9.42	1.40 1.40	1.53 1.53	1.13 1.13	A 289	0.23				
01089+4512	1	F CA	A 5385 B 5385	8.175 9.263	0.005 0.014						17.221 454 61 17.221 220 12	+45.207 476 13 +45.207 459 23	4.07 4.07	-4.10 -4.10	-11.08 -11.08	1.46 3.89	1.13 4.51	1.61 1.61	1.51 1.51	1.01 1.01	A 264.2	0.598				
01089-2937	1	F CA	A 5383 B 5383	8.558 10.026	0.005 0.020						17.215 766 57 17.215 926 81	-29.622 421 51 -29.622 454 06	12.24 12.24	27.32 27.32	-37.83 -37.83	1.57 5.17	1.29 7.32	1.76 1.76	1.96 1.96	0.96 0.96	A 103	0.515				
01091-3337	1	F CB	A 5399 B 5399	9.003 12.759	0.006 0.196						17.273 940 17 17.273 702 42	-33.608 363 41 -33.608 209 56	6.91 6.91	51.26 51.26	-2.25 -2.25	1.41 60.68	1.16 33.58	1.58 1.58	1.53 1.53	1.09 1.09	A 308	0.90				
01092+0233	1	F CA	A 5413 B 5413	9.476 11.850	0.006 0.049	9.746	0.023	9.340	0.024		17.302 367 78 17.303 137 20	+2.551 764 68 +2.552 709 58	1.77 1.77	-7.77 -7.77	-28.46 -28.46	1.53 16.12	1.24 11.80	1.61 1.61	1.45 1.45	1.12 1.12	A 39.1	4.39				
01092+4024	1	F CA	A 5404 B 5404	8.935 11.813	0.010 0.131	10.617	0.036	8.916	0.016		17.293 210 22 17.291 516 26	+40.406 835 18 +40.410 077 88	2.85 2.85	-7.78 -7.78	-6.36 -6.36	1.50 28.25	1.15 27.32	1.64 1.64	1.74 1.74	1.04 1.04	A 338.3	12.56				
01092-0253	1	F CA	A 5405 B 5405	9.730 10.654	0.010 0.023	10.250	0.033	9.579	0.030	11.602	0.098	10.590	0.064													
01093+2428	1	F CA	A 5427 B 5427	8.921 11.421	0.005 0.051						17.322 170 79 17.322 165 20	+24.458 686 81 +24.458 935 71	3.63 3.63	-11.88 -11.88	-5.84 -5.84	1.63 18.94	1.09 12.90	1.67 1.67	1.74 1.74	0.85 0.85	A 359	0.90				
01094-5636	1	L CA	A 5428 B 5428	7.783 8.253	0.012 0.019						17.342 061 47 17.342 030 40	-56.595 149 28 -56.595 068 83	10.32 10.32	139.21 130.19	-23.37 -15.28	1.82 3.65	2.06 3.04	0.82 0.82	1.39 2.47	0.92 1.34	A 348	0.296	-1	+0.010		
01095+4715	1	L CA	A 5434 B 5434	4.524 5.813	0.002 0.008						17.375 509 08 17.375 660 22	+47.241 824 10 +47.241 734 09	4.43 4.43	3.81 7.71	-13.02 -9.97	0.62 2.77	0.71 2.44	0.80 0.80	0.57 1.15	0.57 1.14	A 131.3	0.491	-0.6	+0.001		
01096-0711	1	F ND	D A 5443 B 5443	11.555 13.992	0.027 0.250						17.412 149 32 17.412 880 37	-7.179 455 03 -7.179 290 28	26.61 26.61	-235.46 -235.46	-351.60 -351.60	3.67 81.71	2.75 58.32	3.57 3.57	3.81 3.81	2.50 2.50	A 77	2.68				
01096-4009	1	F CA	A 5437 B 5437	8.886 9.683	0.004 0.008	8.899 9.690	0.008 0.013	8.781 9.378	0.009 0.015		17.391 554 85 17.392 325 11	-40.142 255 48 -40.142 057 93	4.95 4.95	13.20 13.20	9.30 9.30	0.88 2.19	1.07 3.09	1.61 1.61	1.03 1.03	1.33 1.33	A 71.5	2.236				
01097+2348	1	F CA	A 5444 B 5444	7.415 7.543	0.004 0.004						17.413 101 82 17.412 919 62	+23.794 288 95 +23.794 355 13	7.68 7.68	7.61 7.61	-21.62 -21.62	2.74 3.49	1.13 1.94	1.80 1.80	2.56 2.56	0.99 0.99	A 291.7	0.646				
01098+3807	1	F ND	D A 5450 B 5450	7.836 11.647	0.005 0.159	8.207	0.008	7.771	0.008		17.438 703 13 17.437 716 97	+38.124 559 56 +38.124 254 16	4.75 4.75	37.02 37.02	-9.80 -9.80	1.15 37.08	0.87 31.63	1.23 1.23	1.24 1.24	0.86 0.86	A 249	3.00				
01098-2013	1	F CA	A 5452 B 5452	9.899 10.691	0.023 0.036	10.647	0.062	9.690	0.041		17.440 669 10 17.441 192 74	-20.216 610 93 -20.215 747 77	12.52 12.52	23.14 23.14	42.14 42.14	3.07 8.38	3.41 9.94	4.01 4.01	3.11 3.11	2.44 2.44	A 29.7	3.58				
01100+5202	1	F ND	D A 5468 B 5468	8.042 10.991	0.008 0.116	8.848	0.015	8.017	0.012		17.502 784 31 17.499 455 91	+52.033 273 54 +52.031 760 05	4.37 4.37	-10.17 -10.17	0.91 0.91	1.13 19.93	1.33 25.30	1.62 1.62	1.01 1.01	1.06 1.06	A 233.5	9.17				
01100-2526	1	F CA	A 5467 B 5467	10.605 11.012	0.034 0.050						17.498 439 18 17.498 409 10	-25.432 957 52 -25.433 032 12	2.79 2.79	-9.63 -9.63	-11.77 -11.77	5.57 12.07	4.37 7.46	2.37 2.37	2.37 2.37	1.96 1.96	A 200	0.29				
01101-1425	1	F CA	A 5475 B 5475	8.646 9.514	0.262 0.582						17.528 704 38 17.528 699 15	-14.420 426 64 -14.420 455 53	4.46 4.46	-0.35 -0.35	-24.63 -24.63	9.60 24.16	13.72 26.21	1.12 1.12	1.14 1.14	1.07 1.07	A 190	0.11				
01102+5145	1	I NB	A 5480 B 5476	8.187 8.677	0.025 0.033	8.585	0.015	8.101	0.014	9.101	0.019	8.518	0.017													
01106+5101	1	L CA	A 5512 P 5512	7.598 7.927	0.005 0.007						17.642 956 95 17.643 290 74	+51.013 288 00 +51.013 120 82	9.47 9.47	6.12 -1.26	18.04 15.17	1.23 1.87	1.63 2.54	1.89 1.89	0.99 1.62	1.33 2.05	A 128.5	0.966	+0.4	-0.004		



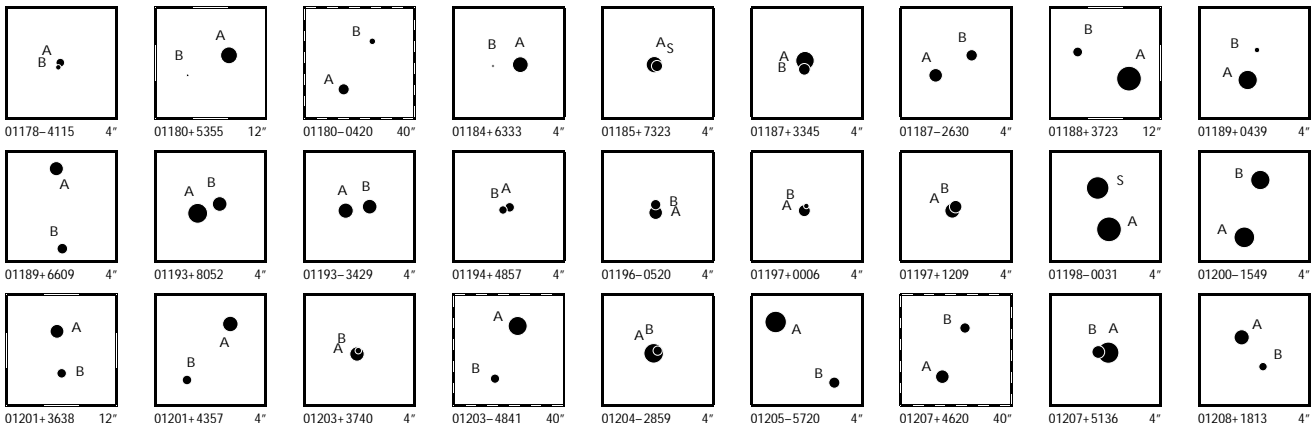
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
01106-6555	1	LCA	P	A 5514 B 5514	8.197 0.004 10.519 0.031						17.648 467 59 17.647 982 52	-65.921 739 95 -65.921 689 40	10.91 10.91	92.45 95.27	18.17 30.52	0.86 6.53	0.88 7.89	0.87 0.87	0.67 3.55	0.67 4.01	A 284.3	0.735	+1.0	0.000	
01108+6747	1	FCA	A	5531 5531	7.218 0.094 7.683 0.145						17.709 819 21 17.709 844 70	+67.780 052 23 +67.780 015 68	17.41 17.41	250.30 250.30	23.58 23.58	4.25 6.06	7.08 7.39	0.67 0.67	0.53 0.53	0.67 0.67	A 165	0.136			
01111-2523	1	FCA	A	5546 5546	10.203 0.010 12.083 0.055						17.785 071 35 17.784 865 79	-25.385 626 26 -25.385 630 27	2.35 2.35	56.79 56.79	16.72 16.72	2.16 14.60	1.91 15.55	2.69 2.69	2.76 2.76	1.76 1.76	A 269	0.67			
01112+4113	1	FCA	A	5553 5553	8.347 0.009 9.360 0.024						17.810 660 05 17.810 579 03	+41.221 465 49 +41.221 544 71	7.57 7.57	40.98 40.98	-29.26 -29.26	1.79 4.86	1.50 3.92	1.51 1.51	1.20 1.20	0.84 0.84	A 322	0.360			
01113+0750	1	FND	D	A 5562 B 5562	9.448 0.009 12.476 0.133	9.892 0.029	9.387 0.029				17.829 259 88 17.829 454 23	+7.827 899 16 +7.828 723 78	1.62 1.62	7.12 7.12	14.97 14.97	1.88 44.74	1.55 32.87	2.00 2.00	1.81 1.81	1.47 1.47	A 13	3.05			
01113-1753	1	FCC	A	5560 5560	10.432 0.020 13.080 0.229						17.824 030 63 17.823 940 39	-17.883 549 36 -17.883 491 20	1.22 1.22	-6.17 -6.17	-3.60 -3.60	4.18 62.41	4.72 67.23	3.65 3.65	3.69 3.69	2.88 2.88	A 304	0.37			
01114+5736	1	FCA	A	5569 5569	10.000 0.010 11.505 0.039	9.917 0.017	9.838 0.023				17.858 058 84 17.858 828 97	+57.596 791 04 +57.596 880 94	3.87 3.87	-4.19 -4.19	-0.61 -0.61	1.85 10.99	1.71 9.45	3.01 3.01	2.16 2.16	1.74 1.74	A 77.7	1.52			
01116-4528	1	FCA	B	5583 A 5583	9.824 0.007 9.858 0.007	10.214 0.022 10.252 0.024	9.737 0.022 9.751 0.023				17.897 787 14 17.898 974 82	-45.465 218 91 -45.464 912 84	3.23 3.23	25.51 25.51	15.81 15.81	2.71 3.45	2.38 3.00	3.11 3.11	2.67 2.67	2.07 2.07	B 69.8	3.195			
01117+0835	1	LCA	A	5593 5593	9.538 0.024 11.298 0.123						17.931 054 56 17.931 128 34	+8.580 017 74 +8.579 967 62	7.54 7.54	90.50 99.83	33.86 17.99	4.46 18.31	3.27 15.81	1.83 1.83	2.19 9.14	1.60 7.85	A 124	0.32	+1	+0.02	
01119+4748	1	FCA	A	5604 B 5604	9.351 0.008 9.422 0.008	9.469 0.032 9.469 0.045	9.162 0.036 9.048 0.050				17.968 007 52 17.968 549 01	+47.798 311 39 +47.798 670 50	6.93 6.93	17.71 17.71	-14.27 -14.27	2.37 4.25	2.70 4.37	3.12 3.12	2.00 2.00	2.24 2.24	A 45.4	1.840			
01121-1338	1	FCD	D	A 5616 B 5616	9.233 0.006 10.608 0.021	9.467 0.031 11.577 0.201	9.119 0.033 11.466 0.274				18.021 485 46 18.019 273 76	-13.626 460 29 -13.627 211 60	3.64 3.64	35.16 35.16	8.99 8.99	1.94 9.38	1.86 7.98	2.06 2.06	2.26 2.26	2.10 2.10	A 250.73	8.20			
01123+5132	1	FCA	A	5630 B 5630	8.742 0.008 9.166 0.012	8.870 0.017	8.608 0.019				18.079 027 31 18.081 016 16	+51.525 045 89 +51.524 808 58	6.68 6.68	9.40 9.40	-5.21 -5.21	1.69 3.19	1.99 4.35	2.54 2.54	2.04 2.04	1.86 1.86	A 100.9	4.536			
01123-4917	1	FCA	A	5633 B 5633	9.489 0.008 10.130 0.013	9.680 0.021 10.060 0.035	9.289 0.019 9.583 0.037				18.085 967 73 18.086 532 59	-49.276 725 09 -49.276 317 35	4.33 4.33	63.77 63.77	47.26 47.26	1.83 4.13	1.86 4.12	2.16 2.16	2.10 2.10	1.82 1.82	A 42.1	1.979			
01127+6501	1	FCA	A	5659 B 5659	7.979 0.005 8.987 0.012						18.171 996 07 18.171 385 25	+65.009 161 37 +65.009 234 70	3.99 3.99	-12.50 -12.50	-16.36 -16.36	1.03 3.84	1.05 4.40	1.31 1.31	1.20 1.20	1.09 1.09	A 285.9	0.966			
01127-4946	1	FCA	A	5656 B 5656	9.148 0.008 9.758 0.014						18.163 382 10 18.163 565 25	-49.768 459 71 -49.768 512 60	5.93 5.93	56.35 56.35	-4.72 -4.72	1.98 3.86	1.84 4.71	2.03 2.03	2.00 2.00	1.50 1.50	A 114	0.466			
01129+3205	1	FCA	A	5671 B 5669	7.095 0.041 8.237 0.097	7.023 0.010 8.496 0.020	6.999 0.013 8.283 0.022				18.220 756 70 18.214 775 24	+32.075 465 28 +32.073 481 04	4.97 4.97	12.76 12.76	-9.35 -9.35	2.28 22.52	1.80 18.70	1.91 1.91	2.13 2.13	1.57 1.57	A 248.6	19.59			
01129+5136	1	FCA	A	5674 B 5674	7.499 0.070 9.799 0.581						18.224 440 72 18.224 421 71	+51.602 503 95 +51.602 561 78	12.94 12.94	31.04 31.04	-66.08 -66.08	7.94 35.43	11.96 39.49	1.28 1.28	0.77 0.77	0.88 0.88	A 348	0.21			
01130+3004	1	FCA	A	5679 B 5679	6.389 0.003 10.536 0.131	7.486 0.010	6.337 0.005				18.247 746 57 18.244 375 98	+30.064 307 91 +30.063 685 98	9.58 9.58	21.88 21.88	-32.33 -32.33	0.92 52.01	0.68 45.63	0.95 0.95	0.97 0.97	0.64 0.64	A 258.0	10.74			
01132+6142	1	FCA	A	5688 B 5688	6.501 0.003 8.968 0.027	6.424 0.004	6.444 0.005				18.290 905 32 18.290 050 93	+61.706 203 71 +61.706 154 28	5.00 5.00	29.16 29.16	-6.35 -6.35	0.55 6.87	0.62 5.40	0.82 0.82	0.56 0.56	0.61 0.61	A 263.0	1.47			
01135-6015	1	FCA	A	5712 B 5712	9.776 0.008 11.475 0.038						18.367 958 66 18.367 875 09	-60.242 026 76 -60.242 250 03	11.31 11.31	147.30 147.30	9.79 9.79	1.62 10.62	1.68 9.93	1.87 1.87	1.75 1.75	1.74 1.74	A 191	0.82			
01137+0735	1	FND	D	A 5737 B 5743	5.285 0.053 6.427 0.118	5.530 0.005 6.811 0.007	5.231 0.005 6.283 0.007				18.432 509 86 18.438 228 40	+7.575 488 95 +7.578 375 74	22.09 16.69	141.66 154.42	-55.62 -47.11	2.47 38.55	1.98 31.80	2.04 18.42	2.31 20.62	1.83 16.60	A 63.01	22.90	0.00	+0.02	
01137-6226	1	FCA	B	5736 A 5736	10.784 0.038 11.197 0.056						18.431 408 93 18.431 254 93	-62.431 350 52 -62.431 402 85	4.34 4.34	41.03 41.03	2.37 2.37	3.70 6.76	3.10 6.31	1.65 1.65	1.56 1.56	1.52 1.52	B 234	0.32			
01139-0737	1	FND	D	A 5760 B 5759	7.719 0.028 10.478 0.286	8.808 0.014 11.073 0.091	7.644 0.009 10.304 0.075				18.481 265 90 18.479 819 10	-7.622 481 23 -7.616 869 15	6.58 6.58	-27.69 -27.69	-21.81 -21.81	1.92 88.05	1.51 60.33	1.81 1.81	1.96 1.96	1.47 1.47	A 345.7	20.85			
01139-5551	1	FCA	A	5762 B 5762	10.532 0.011 13.579 0.173	11.027 0.047	10.424 0.043				18.485 253 39 18.486 091 30	-55.858 185 58 -55.858 036 98	7.80 7.80	45.30 45.30	6.86 6.86	1.66 39.50	1.68 44.12	1.96 1.96	1.61 1.61	1.82 1.82	A 72	1.78			
01141-0948	1	FND	D	A 5779 B 5779	9.654 0.010 13.289 0.284	10.587 0.036	9.507 0.022				18.534 650 01 18.535 161 97	-9.802 476 37 -9.802 210 41	1.69 1.69	32.74 32.74	-3.38 -3.38	1.87 89.02	1.36 59.27	1.83 1.83	2.00 2.00	1.38 1.38	A 62	2.05			
01141-3022	1	FND	D	A 5773 B 5773	9.476 0.015 13.005 0.363	10.064 0.027	9.423 0.024				18.522 611 39 18.519 650 77	-30.365 666 10 -30.368 802 38	11.55 11.55	-17.28 -17.28	-10.31 -10.31	1.84 93.06	1.59 76.99	2.24 2.24	2.44 2.44	1.45 1.45	A 219.2	14.56			
01142+0130	1	FCA	A	5783 B 5783	9.804 0.253 10.442 0.456						18.543 667 02 18.543 708 83	+1.497 898 77 +1.497 904 79	3.93 3.93	20.36 20.36	7.28 7.28	17.95 32.30	8.05 15.58	1.46 1.46	1.34 1.34	1.14 1.14	A 82	0.15			



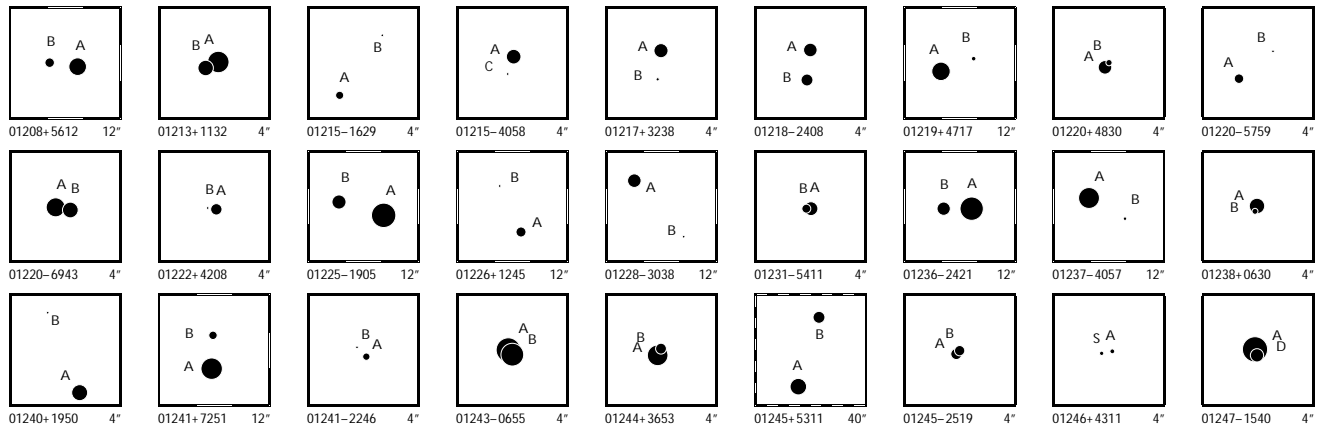
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt						
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
01147-3500	1	F	C	B	A	5815	10.861 0.014	11.462 0.082	10.651 0.061	18.665 856 70	-35.003 861 67	3.02	26.29	0.13	2.43	2.28	3.04	2.83	2.55	A	358.6	8.20							
01148+6056	1	L	C	A	B	5829	8.067 0.006			18.690 646 97	+60.939 115 73	11.38	60.40	-44.11	1.32	1.64	1.66	1.16	1.26	B	199.7	0.442	-0.9	-0.005					
01150-6007	1	F	C	A	B	5844	8.694 0.006	8.932 0.011	8.634 0.012	18.752 348 09	-60.115 292 79	5.54	-12.55	10.80	1.14	1.01	1.17	1.17	1.08	A	225	2.30							
01151+3416	1	F	C	A	B	5852	9.202 0.008			18.764 251 07	+34.267 543 45	9.14	-147.17	-63.48	2.09	1.47	1.88	2.41	1.82	A	208	0.86							
01151-2254	1	I	C	A	B	5857	8.459 0.007	9.431 0.015	8.414 0.010	18.783 354 68	-22.899 478 01	5.79	45.83	3.47	1.73	1.37	1.84	2.49	1.14	A	141.1	14.97	0.0	+0.02					
01155-2549	1	F	C	B	A	5877	11.804 0.034			18.867 098 63	-25.815 058 00	-0.64	6.77	-4.98	4.93	4.15	5.15	4.45	2.58	A	143	0.37							
01157+5918	1	F	C	A	B	5890	8.959 0.026			18.919 979 45	+59.292 100 65	2.53	9.62	-2.75	2.31	4.09	1.41	1.00	1.03	A	360	0.27							
01157-1825	1	F	C	B	A	5892	8.681 0.006			18.926 870 40	-18.416 133 86	9.73	-23.72	-42.68	1.43	1.28	1.50	1.68	1.09	A	142	0.80							
01157-6852	1	L	C	A	B	5896	5.051 0.002			18.939 563 91	-68.876 237 08	48.94	411.11	127.43	0.54	0.53	0.53	0.50	0.48	A	325.10	5.055	-0.53	-0.017					
	2	L	C	A	B	5896	7.743 0.027			18.937 334 83	-68.875 085 40	48.94	382.74	86.50	7.28	7.39	0.53	4.12	4.65										
				C	D	5842	7.904 0.005			18.751 334 30	-68.819 094 40	47.36	416.56	75.95	1.28	1.38	1.25	1.30	1.32										
				D		5842	8.452 0.008			18.750 824 81	-68.819 266 38	47.36	361.93	145.57	2.92	3.48	1.25	2.85	2.79	C	226.9	0.907	+5.6	-0.008					
01158+0947	1	F	C	A	B	5898	7.364 0.003			18.944 913 63	+9.784 792 21	17.75	-75.14	30.41	1.21	0.93	1.11	1.39	0.80	A	139	0.53							
01159+5749	1	F	N	D	A	5904	9.395 0.007	9.417 0.012	9.345 0.015	18.962 695 56	+57.812 123 71	1.12	3.09	-3.61	1.27	1.23	2.03	1.60	1.36	A	104	1.67							
01161-4650	1	F	C	A	B	5917	9.351 0.062			19.030 853 53	-46.835 922 58	2.50	-17.75	-25.35	5.05	8.61	1.60	1.24	1.34	A	15	0.25							
01162+6608	1	F	C	A	B	5929	9.029 0.024			19.051 627 37	+66.130 483 97	4.62	46.41	-7.75	3.70	3.32	1.38	1.43	1.00	A	46	0.29							
01162+7145	1	F	C	A	B	5926	6.502 0.113			19.049 624 87	+71.743 853 43	0.22	-1.59	-1.18	6.22	4.37	0.59	0.49	0.54	A	233	0.12							
01163-0709	1	F	C	A	B	5933	9.882 0.009	10.523 0.043	9.719 0.032	19.070 581 00	-7.148 913 97	5.31	-0.76	-33.16	2.66	2.18	2.72	2.55	1.92	A	306.9	4.67							
01166+1831	1	F	C	B	A	5952	8.609 0.006			19.151 165 42	+18.522 615 74	16.08	282.14	19.71	1.47	0.92	1.30	1.33	0.85	A	264	0.62							
01167-0116	1	F	C	A	B	5961	8.633 0.007	9.663 0.022	8.566 0.015	19.174 266 89	-1.261 465 61	3.11	25.26	-9.76	1.50	1.23	1.55	1.66	1.42	A	246.5	5.56							
01170+3828	1	I	C	A	B	5982	8.085 0.007	9.154 0.014	8.031 0.010	19.237 831 68	+38.460 778 48	4.85	6.15	-12.23	1.91	1.83	2.23	2.13	1.96	A	322.9	13.65	0.0	-0.01					
01171-2314	1	F	C	A	B	5996	9.294 0.006	9.882 0.021	9.160 0.018	19.273 365 68	-23.238 563 90	4.32	15.19	1.54	1.72	1.43	2.34	1.80	1.81	1.27	A	288.03	7.856						
01171-6624	1	L	C	A	B	5992	6.424 0.003	6.442 0.005	6.408 0.005	19.265 338 31	-66.397 890 75	9.69	53.04	15.04	0.58	0.63	0.59	0.51	0.64	A	331.0	2.435	-0.2	-0.006					
01172+1036	1	F	C	A	B	6003	8.040 0.005	8.520 0.013	7.964 0.012	19.306 950 55	+10.596 674 39	14.06	0.26	-4.26	36.73	26.53	1.18	1.15	0.93	A	137.1	5.81							
01173+0150	1	F	C	A	B	6013	7.683 0.005	9.489 0.021	7.702 0.010	19.331 234 56	+1.841 279 14	0.74	1.11	-8.30	1.11	0.90	1.26	1.17	1.11	A	277.3	1.69							
01173-3716	1	F	C	A	B	6009	9.857 0.006			19.318 788 69	-37.276 921 76	6.28	13.53	28.06	1.99	1.58	2.48	2.00	1.66	B	143.8	0.98							
01178+4901	1	F	C	A	B	6060	7.566 0.011	9.223 0.022	8.932 0.025	19.449 834 28	+49.008 476 92	3.21	24.12	-13.09	1.74	1.09	1.45	1.76	1.04	A	278	0.48							
01178+4945	1	F	C	A	B	6058	8.798 0.020			19.439 998 71	+49.753 858 04	5.81	14.88	-9.97	2.70	2.66	1.44	1.28	1.14	B	345	0.317							
01178-3202	1	F	C	A	B	6062	10.654 0.011	10.879 0.043	10.429 0.045	19.450 077 63	-32.031 623 66	2.61	-11.30	-0.15	2.34	1.70	2.61	2.94	1.79	A	79.9	1.27							



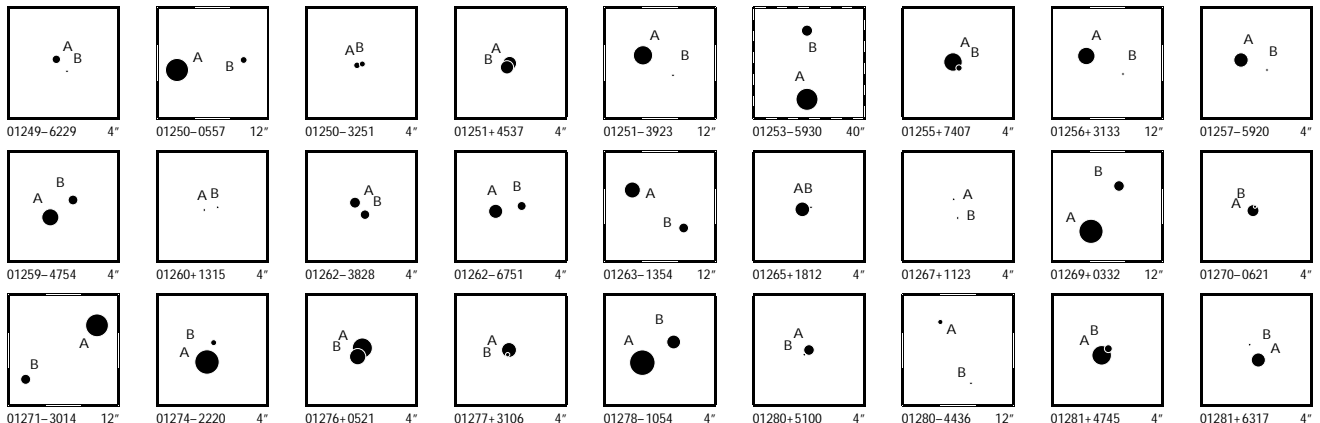
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt					
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
01178-4115	1	F CA	A 6066 B 6066	10.093 0.240 10.810 0.465								19.461 919 89 -41.250 460 10 19.461 952 79 -41.250 512 46	13.04 13.04	-121.36 -42.72 -121.36 -42.72	16.88 23.05 2.32 1.46 1.61 27.38 37.95 2.32 1.46 1.61	A 155	0.21											
01180+5355	1	F CA	A 6080 B 6080	8.274 0.006 11.442 0.111	8.499 0.010 11.988 0.236	8.211 0.011 11.025 0.149						19.505 858 24 +53.916 860 13 19.507 999 97 +53.916 256 43	3.96 3.96	26.92 -13.19 26.92 -13.19	0.93 1.11 1.36 1.00 0.97 16.40 19.40 1.36 1.00 0.97	A 115.6	5.03											
01180-0420	1	I CA	A 6078 B 6077	9.529 0.023 10.578 0.047	10.066 0.031 11.299 0.081	9.419 0.028 10.468 0.061						19.500 528 41 -4.336 162 57 19.497 582 95 -4.331 229 64	2.88 0.42	41.90 -12.06 46.42 -2.00	2.80 2.21 2.54 3.18 2.49 20.54 14.77 8.57 11.13 8.11	A 329.23	20.67	+0.03	+0.01									
01184+6333	1	F CA	A 6105 B 6105	8.539 0.006 11.935 0.131								19.595 475 74 +63.545 021 51 19.596 102 36 +63.545 012 50	6.22 6.22	-5.26 9.74 -5.26 9.74	1.06 1.11 1.49 1.13 1.13 37.18 34.71 1.49 1.13 1.13	A 92	1.01											
01185+7323	1	F CA	A 6114 S 6114	8.427 0.241 9.511 0.653								19.624 401 91 +73.383 999 23 19.624 292 89 +73.383 982 90	4.04 4.04	12.55 -10.51 12.55 -10.51	15.02 7.85 0.80 0.87 0.78 28.71 17.54 0.80 0.87 0.78	A 242	0.13											
01187+3345	1	F CA	A 6127 B 6127	7.919 0.010 9.445 0.040								19.665 202 12 +33.757 037 48 19.665 211 18 +33.756 945 17	3.16 3.16	-1.70 -13.19 -1.70 -13.19	1.91 1.96 1.32 1.10 0.91 8.12 6.05 1.32 1.10 0.91	A 175	0.33											
01187-2630	1	F CA	A 6136 B 6136	9.023 0.007 9.472 0.010	9.543 0.025 9.961 0.052	8.727 0.021 9.070 0.041						19.683 935 03 -26.502 390 36 19.683 526 62 -26.502 183 88	16.36 16.36	229.74 201.82 229.74 201.82	1.76 1.46 2.34 2.01 1.42 3.80 3.43 2.34 2.01 1.42	A 299.5	1.511											
01188+3723	1	FFD D	A 6140 B 6140	6.566 0.003 9.851 0.062	6.769 0.006 9.976 0.063	6.506 0.006 9.567 0.066						19.695 898 64 +37.386 302 38 19.697 891 06 +37.387 123 94	7.15 7.15	-8.67 -11.34 -8.67 -11.34	1.00 0.92 1.31 1.39 1.20 13.78 18.21 1.31 1.39 1.20	A 62.6	6.42											
01189+0439	1	F CA	A 6142 B 6142	7.714 0.008 10.787 0.141	7.815 0.011 9.638 0.010							19.718 265 69 +4.653 797 72 19.718 174 09 +4.654 109 13	6.30 6.30	-10.25 -5.72 -10.25 -5.72	1.59 0.99 1.59 1.57 0.96 16.84 15.21 1.59 1.57 0.96	A 344	1.17											
01189+6609	1	F CA	A 6156 B 6156	8.881 0.010 9.685 0.021	9.145 0.017 9.854 0.024	8.734 0.018 9.384 0.024						19.739 574 67 +66.157 779 70 19.739 419 10 +66.156 957 59	3.48 3.48	1.29 -0.68 1.29 -0.68	1.90 1.81 2.30 2.13 1.88 5.75 4.67 2.30 2.13 1.88	A 184.4	2.968											
01193+8052	1	L CA	A 6167 B 6167	7.637 0.003 8.780 0.009								19.779 483 65 +80.861 794 06 19.778 053 74 +80.861 884 45	6.46 6.46	45.56 2.31 51.83 -2.36	0.88 0.84 0.83 0.74 0.80 2.84 3.06 0.83 1.78 2.17	A 291.7	0.880	-0.1	-0.008									
01193-3429	1	L CA	A 6182 B 6182	8.629 0.006 8.789 0.006								19.827 452 23 -34.490 619 87 19.827 158 69 -34.490 578 02	10.36 10.36	32.24 46.47 35.91 41.04	2.11 1.16 1.60 2.03 1.01 2.94 1.99 1.60 3.21 2.08	A 279.8	0.884	-0.3	-0.005									
01194+4857	1	F CA	A 6185 B 6185	9.890 0.037 10.169 0.047								19.838 022 01 +48.958 108 55 19.838 134 18 +48.958 081 38	3.08 3.08	-4.65 -1.45 -4.65 -1.45	5.59 4.03 1.90 2.01 1.29 7.48 7.41 1.90 2.01 1.29	A 110	0.28											
01196-0520	1	L CA	A 6211 B 6211	8.974 0.024 9.712 0.047								19.904 564 64 -5.325 380 35 19.904 569 31 -5.325 307 94	8.68 8.68	72.22 38.69 53.68 37.45	2.30 3.57 1.17 1.62 1.02 5.07 5.75 1.17 2.97 1.66	A 4	0.261	-4	-0.002									
01197+0006	1	F CA	A 6217 B 6217	9.381 0.060 10.778 0.218								19.928 246 54 +0.105 702 89 19.928 224 71 +0.105 749 41	7.46 7.46	117.77 29.67 117.77 29.67	3.40 5.44 1.46 1.39 1.14 13.12 16.93 1.46 1.39 1.14	A 335	0.18											
01197+1209	1	F CA	A 6216 B 6216	8.672 0.068 9.252 0.115								19.928 317 69 +12.145 794 70 19.928 284 95 +12.145 828 08	8.57 8.57	26.38 -4.26 26.38 -4.26	4.64 4.62 1.08 1.21 0.73 6.77 6.59 1.08 1.21 0.73	A 316	0.166											
01198-0031	1	L CA	A 6226 S 6226	6.532 0.004 7.048 0.006	7.306 0.018 7.131 0.032	6.341 0.013 6.679 0.044						19.951 217 20 -0.508 994 90 19.951 335 99 -0.508 573 50	8.27 8.27	5.35 -13.91 8.47 -14.90	1.30 1.08 1.28 1.11 0.96 3.24 2.53 1.28 1.76 1.49	A 15.7	1.576	+0.1	0.000									
01200-1549	1	L CA	A 6234 B 6234	7.445 0.004 7.728 0.005	7.979 0.010 8.237 0.009	7.348 0.007 7.583 0.007						19.990 525 23 -15.814 083 69 19.990 349 10 -15.813 501 50	19.67 19.67	61.23 -95.90 49.42 -93.73	1.58 0.97 1.58 1.42 0.73 3.66 1.55 1.58 2.10 0.96	A 343.8	2.183	-0.3	+0.005									
01201+3638	1	L CA	A 6240 B 6240	8.955 0.008 9.908 0.019	9.575 0.021 10.580 0.060	8.866 0.018 9.648 0.042						20.018 555 15 +36.631 268 64 20.018 371 32 +36.629 964 92	15.43 15.43	-100.79 -141.08 -122.69 -141.81	1.70 1.54 2.02 1.70 1.48 6.04 4.61 2.02 4.42 3.33	A 186.5	4.723	+0.3	+0.003									
01201+4357	1	F CA	A 6247 B 6247	8.562 0.007 9.879 0.027	9.469 0.020 9.933 0.030	8.454 0.013 9.464 0.026						20.034 192 80 +43.952 632 83 20.034 822 43 +43.952 052 78	5.63 5.63	16.97 -7.53 16.97 -7.53	1.44 1.21 1.56 1.46 1.42 4.13 5.36 1.56 1.46 1.42	A 142.0	2.650											
01203+3740	1	F CC	A 6260 B 6260	8.796 0.022 10.553 1.345								20.076 474 65 +37.672 371 89 20.076 455 95 +37.672 407 56	0.86 0.86	25.61 -9.02 25.61 -9.02	10.31 19.90 1.18 1.14 1.03 28.57 59.80 1.18 1.14 1.03	A 337	0.14											
01203-4841	1	I CB	A 6262 B 6264	7.803 0.018 9.946 0.107	8.231 0.010 10.356 0.032	7.734 0.008 9.702 0.029						20.082 682 43 -48.676 550 56 20.086 129 37 -48.681 854 14	11.21 10.37	86.17 50.08 95.13 50.07	1.72 1.75 1.88 2.09 1.83 30.88 49.02 14.39 16.42 13.73	A 156.78	20.78	-0.02	0.00									
01204-2859	1	F CA	A 6267 B 6267	7.679 0.051 9.986 0.430								20.094 017 41 -28.986 885 90 20.093 973 68 -28.986 863 05	5.17 5.17	28.50 -3.92 28.50 -3.92	3.68 2.95 0.92 1.06 0.64 26.59 22.84 0.92 1.06 0.64	A 301	0.16											
01205-5720	1	F CA	A 6271 B 6271	7.231 0.003 9.535 0.026	7.733 0.005 9.884 0.035	7.192 0.005 9.199 0.029						20.115 637 75 -57.338 732 97 20.114 515 83 -57.339 355 57	20.28 20.28	174.56 88.85 174.56 88.85	0.72 0.71 0.82 0.86 0.68 7.01 7.08 0.82 0.86 0.68	A 224.2	3.13											
01207+4620	1	I CA	A 6292 B 6291	9.013 0.021 9.715 0.030	9.580 0.022 10.904 0.063	8.873 0.019 9.473 0.028						20.184 409 83 +46.338 467 91 20.181 080 47 +46.343 419 10	8.25 -10.89	-37.74 4.39 -37.88 -5.48	3.68 2.62 3.65 3.21 2.54 15.76 10.30 11.63 11.42 8.09	A 335.10	19.65	-0.01	-0.01									
01207+5136	1	F CA	A 6287 B 6287	7.296 0.006 9.182 0.034								20.168 994 98 +51.594 790 09 20.169 165 30 +51.594 789 39	1.63 1.63	5.90 -4.42 5.90 -4.42	1.31 1.35 1.30 1.00 1.12 5.83 9.18 1.30 1.00 1.12	A 90	0.38											
01208+1813	1	F CA	A 6297 B 6297	8.636 0.007 10.145 0.027	8.873 0.014 9.480 0.014							20.202 596 42 +18.214 642 65 20.202 365 46 +18.214 340 81	5.53 5.53	10.18 -8.05 10.18 -8.05	1.63 1.06 1.51 1.92 1.00 9.13 6.86 1.51 1.92 1.00	A 216.0	1.34											



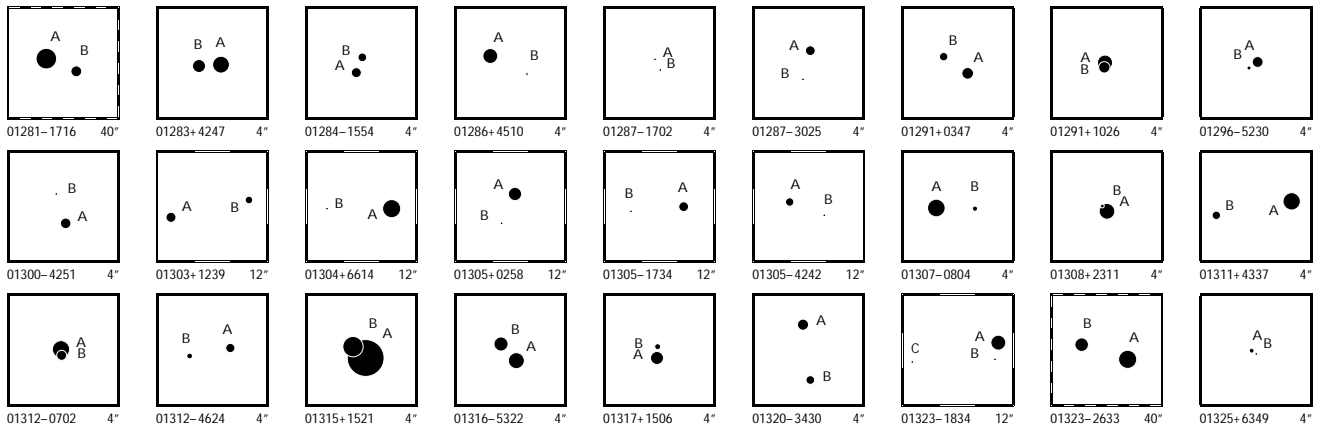
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
01208+5612	1	F CA	A 6295 B 6295	8.078 0.005 9.907 0.022	8.403 0.009 10.023 0.032	8.034 0.008 9.528 0.041		20.199 459 78 +56.207 328 97 20.201 018 98 +56.207 448 82	9.75 9.75	49.31 -28.48 49.31 -28.48	0.91 1.15 1.41 0.97 1.16 5.42 8.28 1.41 0.97 1.16	A 82.1 3.15																
01213+1132	1	F CA	A 6334 B 6334	7.258 0.003 8.586 0.011				20.330 104 92 +11.536 745 64 20.330 237 57 +11.536 688 72	6.16 6.16	60.89 0.11 60.89 0.11	1.43 1.06 1.41 1.40 0.86 5.14 5.01 1.41 1.40 0.86	A 114 0.511																
01215-1629	1	F CA	A 6346 B 6346	10.214 0.010 12.608 0.087	10.666 0.039 10.200 0.041			20.381 860 54 -16.483 136 69 20.381 412 76 -16.482 516 48	6.10 6.10	46.80 -12.14 46.80 -12.14	2.27 1.31 2.29 2.22 1.15 30.07 13.47 2.29 2.22 1.15	A 325 2.72																
01215-4058	1	F CC	A 6343 C 6343	8.745 0.005 12.442 0.150				20.372 438 33 -40.971 499 53 20.372 512 02 -40.971 671 51	11.16 11.16	13.65 11.87 13.65 11.87	0.99 1.09 1.52 1.08 1.05 47.22 29.39 1.52 1.08 1.05	A 162 0.65																
01217+3238	1	F CA	A 6362 B 6362	8.889 0.008 11.301 0.076	10.097 0.029 8.767 0.016			20.432 745 00 +32.639 633 93 20.432 789 01 +32.639 336 43	6.19 6.19	-7.47 -8.10 -7.47 -8.10	2.03 1.20 1.94 1.55 1.11 13.67 12.71 1.94 1.55 1.11	A 173 1.08																
01218-2408	1	F CA	A 6367 B 6367	8.972 0.005 9.381 0.008				20.444 111 16 -24.128 015 24 20.444 151 60 -24.128 329 36	8.97 8.97	72.26 25.19 72.26 25.19	2.35 1.64 2.75 2.88 1.47 3.87 5.44 2.75 2.88 1.47	A 173.3 1.14																
01219+4717	1	L CA	A 6374 B 6374	7.946 0.006 12.658 0.093	8.138 0.010 7.885 0.010			20.482 933 76 +47.282 359 43 20.481 455 41 +47.282 736 28	6.27 6.27	45.17 -1.42 37.11 -19.37	1.10 0.86 1.09 0.90 0.61 17.46 10.86 1.09 10.05 5.95	A 290.6 3.86 -0.3 0.00																
01220+4830	1	F CA	A 6381 B 6381	9.013 0.043 10.631 0.193				20.498 324 85 +48.491 671 37 20.498 254 30 +48.491 719 24	3.47 3.47	-1.08 -1.74 -1.08 -1.74	4.17 4.28 1.29 1.27 0.83 15.26 14.94 1.29 1.27 0.83	A 316 0.24																
01220-5759	1	F ND	D 6375	9.917 0.012 12.658 0.138	10.769 0.040 9.785 0.027			20.487 476 06 -57.977 709 25 20.486 828 00 -57.977 439 44	17.91 17.91	261.62 289.17 261.62 289.17	1.68 1.58 1.80 1.76 1.51 36.92 30.34 1.80 1.76 1.51	A 308 1.57																
01220-6943	1	L CA	A 6377 B 6377	7.825 0.004 8.491 0.007				20.494 386 26 -69.718 778 98 20.493 957 99 -69.718 814 44	12.38 12.38	-6.02 3.75 -1.17 14.01	1.28 1.12 1.08 1.01 0.95 2.86 3.34 1.08 1.64 1.85	A 256.6 0.549 +0.9 -0.007																
01222+4208	1	F CC	A 6398 B 6398	9.456 0.079 12.753 1.641				20.545 606 33 +42.128 846 66 20.545 718 18 +42.128 860 44	5.32 5.32	10.79 -2.45 10.79 -2.45	6.18 2.84 2.01 1.68 1.74 105.03 71.20 2.01 1.68 1.74	A 81 0.30																
01225-1905	1	F CA	A 6427 B 6427	6.582 0.002 8.882 0.019	6.997 0.006 9.368 0.037	6.509 0.005 8.647 0.031		20.627 153 74 +19.081 049 77 20.628 611 28 -19.080 631 55	16.82 16.82	-58.42 -64.95 -58.42 -64.95	0.85 0.57 0.85 1.02 0.58 6.11 4.01 0.85 1.02 0.58	A 73.11 5.18																
01226+1245	1	F CA	A 6431 B 6431	9.768 0.007 11.760 0.042	10.820 0.060 9.620 0.033			20.651 503 60 +12.750 926 21 20.652 187 25 +12.752 352 38	23.84 23.84	403.31 9.37 403.31 9.37	1.99 1.42 2.11 2.05 1.35 16.95 11.18 2.11 2.05 1.35	A 25.1 5.67																
01228-3038	1	F CA	A 6445 B 6445	9.010 0.005 11.432 0.047	9.392 0.014 11.924 0.146	8.924 0.014 10.950 0.095		20.695 195 81 -30.628 141 39 20.693 426 69 -30.629 893 66	8.70 8.70	-30.69 -40.45 -30.69 -40.45	1.31 1.01 1.57 1.90 1.04 11.30 10.49 1.57 1.90 1.04	A 221.0 8.36																
01231-5411	1	F CA	A 6461 B 6461	8.955 0.074 10.019 0.197				20.776 034 83 -54.183 523 59 20.776 113 09 -54.183 522 85	3.87 3.87	27.02 36.80 27.02 36.80	6.06 4.18 0.91 0.90 0.83 14.58 10.99 0.91 0.90 0.83	A 89 0.16																
01236-2421	1	F CA	A 6507 B 6507	6.857 0.003 9.074 0.023	7.051 0.006 9.318 0.021	6.818 0.006 8.815 0.018		20.895 601 60 -24.352 774 79 20.896 526 16 -24.352 755 14	11.16 11.16	-20.64 4.48 -20.64 4.48	0.83 0.76 1.08 1.17 0.73 5.72 6.58 1.08 1.17 0.73	A 88.7 3.03																
01237-4057	1	F CC	A 6515 B 6515	7.409 0.004 11.212 0.119	8.701 0.009 11.656 0.117	7.350 0.005 10.909 0.104		20.919 646 82 -40.955 842 79 20.918 161 68 -40.956 479 92	5.43 5.43	-8.48 -87.57 -8.48 -87.57	0.64 0.79 1.07 0.72 0.80 29.71 28.34 1.07 0.72 0.80	A 240.4 4.64																
01238+0630	1	F CB	A 6521 B 6521	8.588 0.046 10.661 0.312				20.945 242 92 +6.499 123 57 20.945 257 98 +6.499 071 37	5.27 5.27	28.66 -19.31 28.66 -19.31	6.37 4.17 1.13 1.24 1.00 43.37 28.24 1.13 1.24 1.00	A 164 0.20																
01240+1950	1	F CA	A 6538 B 6538	8.474 0.005 11.897 0.122	8.877 0.011 8.424 0.011			21.008 881 33 +19.839 744 56 21.009 231 73 +19.840 565 40	7.54 7.54	-31.42 -28.37 -31.42 -28.37	1.37 0.88 1.38 1.48 0.90 43.73 20.08 1.38 1.48 0.90	A 22 3.18																
01241+7251	1	F CA	A 6547 B 6547	7.275 0.004 10.123 0.058	7.841 0.007 10.140 0.061	7.206 0.006 9.744 0.068		21.033 917 02 +72.847 091 87 21.033 697 91 +72.848 125 24	2.20 2.20	-6.89 5.72 -6.89 5.72	0.83 0.81 0.95 0.87 0.87 18.63 14.98 0.95 0.87 0.87	A 356.4 3.73																
01241-2246	1	F CA	A 6544 B 6544	10.381 0.016 11.521 0.044				21.026 230 02 -22.770 976 70 21.026 336 71 -22.770 885 85	2.49 2.49	-18.90 -42.46 -18.90 -42.46	4.52 2.61 3.71 3.73 1.95 16.21 8.68 3.71 3.73 1.95	A 47 0.48																
01243-0655	1	L CA	A 6564 B 6564	6.586 0.062 6.978 0.089				21.085 371 57 -6.914 650 11 21.085 328 19 -6.914 694 94	22.33 22.33	46.29 25.54 9.17 -24.17	11.04 3.83 0.95 5.74 1.88 16.81 6.11 0.95 8.48 2.90	A 224 0.22 -2 +0.06																
01244+3653	1	F CA	A 6568 B 6568	7.443 0.012 9.611 0.086				21.098 308 31 +36.883 516 96 21.098 272 25 +36.883 585 99	7.96 7.96	16.30 -18.47 16.30 -18.47	1.59 1.98 0.94 1.03 0.63 10.06 10.49 0.94 1.03 0.63	A 337 0.27																
01245+5311	1	INB	A 6583 B 6580	8.368 0.010 9.386 0.019	9.948 0.031 10.599 0.041	8.326 0.015 9.248 0.022		21.137 654 05 +53.186 160 65 21.134 169 31 +53.193 245 62	2.40 5.63	0.96 -2.53 25.12 -13.45	1.79 2.02 2.10 1.96 2.08 6.07 6.81 4.60 4.99 5.23	A 343.58 26.59 +0.04 -0.02																
01245-2519	1	F CA	A 6581 B 6581	9.514 0.077 9.733 0.094				21.133 945 07 -25.319 727 78 21.133 907 29 -25.319 693 07	4.94 4.94	19.15 4.03 19.15 4.03	5.58 5.92 1.14 1.12 0.85 5.84 6.28 1.14 1.12 0.85	A 315 0.175																
01246+4311	1	F CA	A 6586 S 6586	10.921 0.028 11.054 0.032				21.165 644 93 +43.169 423 69 21.165 800 81 +43.169 400 81	9.77 9.77	-56.19 87.40 -56.19 87.40	15.55 15.20 10.14 17.21 17.18 18.14 21.41 10.14 17.21 17.18	A 101 0.42																
01247-1540	1	F CA	A 6589 D 6589	6.432 0.020 9.031 0.217				21.166 313 26 -15.660 414 36 21.166 288 96 -15.660 469 73	9.76 9.76	29.88 -20.19 29.88 -20.19	2.59 2.09 0.94 0.92 0.60 32.11 16.46 0.94 0.92 0.60	A 203 0.22																



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
01249-6229	1	F C C	A 6616 B 6616	10.152 0.010 12.806 0.106							21.233 529 47 21.233 295 99	-62.481 044 42 -62.481 161 92	15.13 15.13	152.62 152.62	271.74 271.74	1.68 1.77 1.65 1.60 1.80 29.54 29.78 1.65 1.60 1.80						A 223	0.57		
01250-0557	1	F C A	A 6624 B 6624	6.870 0.003 10.518 0.074	7.030 0.006 10.793 0.069	6.808 0.007 10.003 0.050					21.252 405 98 21.250 350 98	-5.946 409 49 -5.946 107 67	10.21 10.21	13.91 13.91	-7.58 -7.58	0.82 0.80 0.95 0.86 0.76 26.36 14.68 0.95 0.86 0.76					A 278.4	7.44			
01250-3251	1	F C A	A 6626 B 6626	10.535 0.124 10.679 0.142							21.256 904 43 21.256 844 27	-32.851 487 52 -32.851 471 74	37.93 37.93	232.65 232.65	147.85 147.85	11.78 10.40 1.59 1.29 0.98 12.10 11.30 1.59 1.29 0.98					A 287	0.19			
01251+4537	1	F C A	A 6633 B 6633	8.941 0.190 9.085 0.217							21.278 111 55 21.278 144 21	+45.608 630 88 +45.608 590 99	6.26 6.26	-9.37 -9.37	-22.17 -22.17	11.33 14.86 1.11 1.04 0.83 10.18 13.77 1.11 1.04 0.83					A 150	0.17			
01251-3923	1	F C C	A 6634 B 6634	7.752 0.005 11.469 0.141	8.873 0.010 10.793 0.069	7.681 0.007 10.003 0.050					21.280 824 68 21.279 621 25	-39.378 151 78 -39.378 765 30	9.73 9.73	76.46 76.46	-69.99 -69.99	0.81 0.72 0.98 0.86 0.76 32.16 24.65 0.98 0.86 0.78					A 236.6	4.01			
01253-5930	1	I N B	A 6651 B 6652	7.157 0.012 9.525 0.076	7.507 0.006 9.940 0.026	7.100 0.007 9.371 0.024					21.332 656 98 21.332 757 00	-59.498 681 69 -59.491 658 34	8.08 4.70	72.46 79.15	9.89 22.31	1.09 1.20 1.12 1.02 1.25 17.84 19.78 12.32 11.74 14.65					A	0.41	25.28	+0.01	+0.01
01255+7407	1	F C A	A 6661 B 6661	7.920 0.012 10.611 0.141							21.368 969 92 21.368 743 58	+74.115 302 84 +74.115 249 97	2.40 2.40	-4.97 -4.97	-1.28 -1.28	1.90 1.67 0.82 0.70 0.80 16.47 17.06 0.82 0.70 0.80					A 230	0.29			
01256+3133	1	F C B	A 6668 B 6668	8.186 0.006 11.802 0.172	8.773 0.016 10.793 0.069	8.074 0.014 10.003 0.050					21.392 381 74 21.391 060 83	+31.550 531 43 +31.549 962 71	16.62 16.62	153.50 153.50	-48.37 -48.37	1.56 1.11 1.49 1.71 1.05 46.24 47.95 1.49 1.71 1.05					A 243	4.54			
01257-5920	1	F N D	A 6684 B 6684	8.807 0.007 12.196 0.154	9.776 0.020 10.793 0.069	8.730 0.014 10.003 0.050					21.433 885 82 21.433 360 36	-59.334 617 73 -59.334 718 20	3.34 3.34	42.49 42.49	0.51 0.51	0.97 1.13 1.20 0.94 1.17 30.12 36.32 1.20 0.94 1.17					A 249	1.03			
01259-4754	1	L C A	A 6693 B 6693	8.190 0.005 9.827 0.020							21.483 855 48 21.483 508 44	-47.898 568 63 -47.898 396 45	25.95 25.95	-20.26 -28.37	-125.35 -136.73	1.00 1.19 1.28 0.91 1.01 5.62 6.48 1.28 4.19 4.58					A 306.5	1.042	-0.8	0.000	
01260+1315	1	F C A	A 6694 B 6694	11.423 0.021 11.622 0.025							21.488 886 89 21.488 744 61	+13.248 342 51 +13.248 366 30	17.01 17.01	18.99 18.99	-53.53 -53.53	8.65 4.51 6.34 7.85 2.63 14.67 13.59 6.34 7.85 2.63					A 280	0.51			
01262-3828	1	F C A	A 6704 B 6704	9.570 0.007 9.884 0.009							21.554 412 84 21.554 277 81	-38.469 169 80 -38.469 292 08	8.59 8.59	59.38 59.38	31.00 31.00	2.15 2.49 2.60 2.09 2.80 3.49 3.88 2.60 2.09 2.80					A 220.8	0.582			
01262-6751	1	L C A	A 6703 B 6703	8.862 0.006 10.008 0.015							21.538 720 18 21.538 008 45	-67.842 339 61 -67.842 285 24	15.15 15.15	118.07 105.20	-68.00 -51.45	1.24 1.30 1.24 1.08 1.21 4.56 4.66 1.24 2.84 3.18					A	281.4	0.986	+0.8	+0.016
01263-1354	1	F C A	A 6707 B 6707	8.478 0.006 9.853 0.019	8.769 0.014 10.310 0.083	8.377 0.014 9.889 0.097					21.568 799 94 21.567 138 90	-13.893 640 06 -13.894 823 42	7.30 7.30	16.27 16.27	12.10 12.10	1.46 0.95 1.51 1.75 0.87 7.26 4.94 1.51 1.75 0.87					A 233.73	7.20			
01265+1812	1	F C B	A 6722 B 6722	8.787 0.019 11.723 0.283							21.629 720 27 21.629 628 25	+18.203 075 56 +18.203 091 10	3.97 3.97	-3.15 -3.15	-8.27 -8.27	3.99 2.34 2.20 2.57 1.54 51.45 36.15 2.20 2.57 1.54					A 280	0.32			
01267+1123	1	F N D	A 6730 B 6730	12.468 0.038 12.607 0.043							21.671 066 38 21.671 028 60	+11.382 130 69 +11.381 931 57	17.23 17.23	183.10 183.10	-118.22 -118.22	27.04 10.61 5.79 8.62 7.24 8.54 6.74 5.79 8.62 7.24					A 191	0.73			
01269+0332	1	F C A	A 6751 B 6751	6.649 0.004 9.638 0.060	6.563 0.005 9.767 0.043	6.637 0.007 9.508 0.052					21.723 118 66 21.722 252 56	+3.535 686 17 +3.537 103 21	6.25 6.25	6.14 6.14	-17.40 -17.40	1.16 0.69 0.97 1.21 0.65 17.83 14.56 0.97 1.21 0.65					A 328.6	5.98			
01270-0621	1	F C C	A 6763 B 6763	9.347 0.172 11.305 1.042							21.755 311 00 21.755 290 95	-6.349 009 41 -6.348 972 88	3.38 3.38	45.14 45.14	-6.38 -6.38	6.38 10.14 1.38 1.09 1.00 40.59 67.19 1.38 1.09 1.00					A 331	0.15			
01271-3014	1	F C A	A 6771 B 6771	6.950 0.003 9.780 0.041	8.074 0.008 10.272 0.037	6.895 0.004 9.556 0.030					21.770 266 92 21.772 812 29	-30.235 820 84 -30.237 470 26	5.27 5.27	-30.43 -30.43	-36.14 -36.14	0.82 0.74 1.01 1.05 0.71 8.45 9.28 1.01 1.05 0.71					A 126.9	9.90			
01274-2220	1	F C B	A 6789 B 6789	6.618 0.002 10.708 0.093							21.847 128 14 21.847 060 77	-22.338 027 01 -22.337 831 29	8.43 8.43	-1.66 -1.66	-84.29 -84.29	1.02 0.72 1.03 1.01 0.72 44.40 20.83 1.03 1.01 0.72					A 342	0.74			
01276+0521	1	L C A	A 6815 B 6815	7.560 0.006 8.407 0.013							21.915 893 22 21.915 939 21	+5.353 120 49 +5.353 032 92	14.04 14.04	-18.16 -19.01	-137.25 -119.48	1.43 1.28 1.14 1.31 0.99 2.94 2.48 1.14 2.21 1.55					A 152.4	0.356	-1.2	-0.016	
01277+3106	1	F C B	A 6814 B 6814	8.711 0.074 11.019 0.621							21.914 138 90 21.914 154 55	+31.100 466 92 +31.100 418 55	3.60 3.60	-14.64 -14.64	-9.58 -9.58	2.63 7.25 1.09 1.28 0.76 36.79 42.84 1.09 1.28 0.76					A 165	0.18			
01278-1054	1	F C A	A 6822 B 6822	6.377 0.004 8.933 0.037	7.954 0.012 10.793 0.069	6.325 0.005 10.003 0.050					21.943 485 44 21.943 152 99	-10.901 620 48 -10.901 404 28	9.15 9.15	179.15 179.15	15.79 15.79	0.93 0.60 0.97 0.90 0.51 13.15 5.74 0.97 0.90 0.51					A 303.5	1.41			
01280+5100	1	F C A	A 6839 B 6839	9.672 0.049 11.694 0.314							22.004 056 05 22.004 125 11	+51.001 542 95 +51.001 490 87	3.33 3.33	5.70 5.70	-8.69 -8.69	4.13 5.61 1.69 1.50 1.10 25.38 31.57 1.69 1.50 1.10					A 140	0.24			
01280-4436	1	F C B	A 6836 B 6836	10.887 0.015 11.900 0.038	11.357 0.057 10.793 0.069	10.800 0.057 10.003 0.050					21.999 984 23 21.998 642 94	-44.603 784 41 -44.605 658 40	8.54 8.54	113.24 113.24	123.68 123.68	2.77 2.81 3.57 3.29 3.25 13.26 12.66 3.57 3.29 3.25					A 207.0	7.57			
01281+4745	1	F C A	A 6850 B 6850	7.673 0.016 10.276 0.180							22.027 690 51 22.027 590 67	+47.752 584 08 +47.752 649 65	6.81 6.81	26.11 26.11	-14.97 -14.97	2.77 2.68 1.18 1.37 0.99 19.12 19.65 1.18 1.37 0.99					A 314	0.34			
01281+6317	1	F C A	A 6844 B 6844	8.899 0.005 11.591 0.051							22.013 144 11 22.013 342 48	+63.282 548 81 +63.282 710 59	0.80 0.80	-2.12 -2.12	-0.34 -0.34	1.06 1.09 1.58 1.18 1.10 15.39 13.47 1.58 1.18 1.10					A 29	0.67			

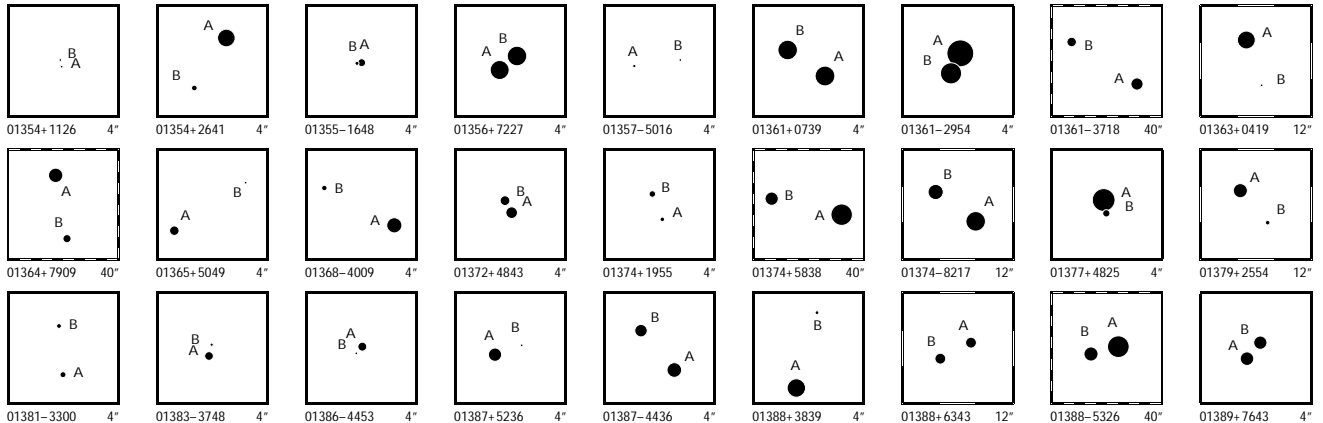


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
01281-1716	1	I CA	P	A 6849 B 6847	7.450 0.007 9.617 0.042	7.772 0.009 10.124 0.044	7.396 0.009 9.360 0.035		22.024 249 67 -17.261 554 49 22.021 042 11 -17.262 886 98	13.23 15.71	48.10 46.12	12.29 7.21	1.91 1.49 1.71 2.04 1.43 15.16 11.67 7.75 10.62 7.16	A 246.49 12.03 -0.02 0.00														
01283+4247	1	F CA	A	A 6864 B 6864	8.268 0.005 9.131 0.012				22.080 416 42 +42.782 257 98 22.080 717 86 +42.782 245 75	3.05 3.05	-12.16 -12.16	-12.94 -12.94	1.59 1.23 1.62 1.62 1.42 4.17 3.89 1.62 1.62 1.42	A 93.2 0.798														
01284-1554	1	F CA	A	A 6870 B 6870	9.769 0.007 10.094 0.009				22.102 584 58 -15.907 560 83 22.102 525 26 -15.907 402 65	3.53 3.53	11.98 11.98	-33.39 -33.39	3.94 3.80 4.60 4.12 3.89 5.77 4.90 4.60 4.12 3.89	A 340 0.605														
01286+4510	1	F CB	A	A 6882 B 6882	8.728 0.008 11.524 0.097	9.174 0.018	8.688 0.017		22.155 002 75 +45.152 127 55 22.154 468 78 +45.151 941 32	3.77 3.77	6.64 6.64	-1.71 -1.71	1.77 1.29 1.84 1.60 1.42 30.05 24.93 1.84 1.60 1.42	A 244 1.51														
01287-1702	1	F CB	A	A 6885 B 6885	11.472 0.025 12.873 0.089				22.168 410 81 -17.032 379 76 22.168 361 96 -17.032 486 63	2.18 2.18	141.40 141.40	-3.57 -3.57	7.71 4.27 5.39 5.20 3.11 49.66 21.48 5.39 5.20 3.11	A 204 0.42														
01287-3025	1	F CA	A	A 6892 B 6892	9.810 0.008 11.927 0.051	10.284 0.027	9.619 0.024		22.187 548 29 -30.408 515 81 22.187 642 98 -30.408 808 34	8.02 8.02	39.96 39.96	-19.89 -19.89	1.57 1.48 2.04 2.16 1.35 12.19 15.36 2.04 2.16 1.35	A 164 1.09														
01291+0347	1	F CA	A	A 6922 B 6922	9.405 0.008 10.142 0.015				22.281 637 84 +3.785 402 19 22.281 885 86 +3.785 579 67	4.27 4.27	-18.55 -18.55	-38.39 -38.39	2.43 1.69 2.38 2.27 1.55 6.05 5.26 2.38 2.27 1.55	A 54.4 1.10														
01291+1026	1	F CA	A	A 6919 B 6919	8.622 0.072 9.469 0.158				22.272 693 98 +10.432 221 69 22.272 696 48 +10.432 175 23	2.37 2.37	18.43 18.43	1.37 1.37	4.06 6.36 1.06 1.13 0.81 8.70 11.20 1.06 1.13 0.81	A 177 0.17														
01296-5230	1	F CA	A	A 6962 B 6962	9.608 0.012 11.095 0.047				22.404 370 13 -52.497 284 45 22.404 430 77 -52.497 355 60	2.17 2.17	23.96 23.96	10.69 10.69	2.12 1.98 1.79 1.78 1.84 9.03 9.25 1.79 1.78 1.84	A 128 0.41														
01300-4251	1	F ND	D	A 6992 B 6992	9.655 0.012 13.154 0.286	10.163 0.021	9.550 0.019		22.500 850 21 -42.848 114 29 22.500 985 13 -42.847 823 00	7.27 7.27	9.12 9.12	2.41 2.41	1.23 1.56 1.87 1.40 1.71 55.73 73.77 1.87 1.40 1.71	A 19 1.11														
01303+1239	1	F CA	A	A 7011 B 7011	9.754 0.012 10.339 0.020	10.051 0.035	9.610 0.038		22.568 871 07 +12.649 400 01 22.566 416 62 +12.649 934 98	0.69 0.69	-3.67 -3.67	-3.59 -3.59	3.08 2.62 2.82 3.42 2.69 10.10 5.59 2.82 3.42 2.69	A 282.6 8.83														
01304+6614	1	F ND	D	A 7019 B 7019	7.968 0.006 12.187 0.270	10.213 0.024	8.076 0.009		22.604 301 80 +66.240 378 70 22.609 262 76 +66.240 390 68	-0.95 -0.95	0.47 0.47	-8.50 -8.50	0.98 0.92 1.21 1.13 1.00 75.47 66.28 1.21 1.13 1.00	A 90 7.20														
01305+0258	1	F CB	A	A 7022 B 7022	9.037 0.010 12.568 0.256	9.436 0.023	8.961 0.022		22.621 411 40 +2.971 181 14 22.621 811 79 +2.970 270 75	3.37 3.37	-0.01 -0.01	7.61 7.61	2.03 1.31 1.85 2.45 1.42 48.89 44.55 1.85 2.45 1.42	A 156 3.58														
01305-1734	1	F CA	P	A 7021 B 7021	9.849 0.016 11.708 0.059	10.460 0.039	9.671 0.031		22.616 833 27 -17.566 657 89 22.618 514 11 -17.566 806 08	5.64 5.64	63.20 63.20	70.83 70.83	2.27 1.59 2.42 2.43 1.60 14.99 10.73 2.42 2.43 1.60	A 95.3 5.79														
01305-4242	1	F CA	A	A 7024 B 7024	10.132 0.011 11.996 0.060	10.560 0.025	10.048 0.025		22.628 457 61 -42.706 867 40 22.627 008 38 -42.707 260 33	4.99 4.99	18.15 18.15	-17.25 -17.25	1.54 1.81 2.26 1.99 2.10 12.99 16.32 2.26 1.99 2.10	A 249.7 4.09														
01307-0804	1	F CA	A	A 7038 B 7038	8.128 0.007 10.870 0.081	9.281 0.021	8.029 0.013		22.686 940 16 -8.069 262 82 22.686 539 24 -8.069 272 39	4.09 4.09	-6.92 -6.92	-4.67 -4.67	1.37 1.03 1.44 1.44 1.00 23.51 13.20 1.44 1.44 1.00	A 269 1.43														
01308+2311	1	F CB	A	A 7048 B 7048	8.515 0.072 11.163 0.818				22.710 781 02 +23.176 528 85 22.710 822 38 +23.176 581 68	4.01 4.01	0.38 0.38	-0.71 -0.71	3.95 12.58 2.09 2.37 2.03 51.69 41.53 2.09 2.37 2.03	A 36 0.23														
01311+4337	1	F CA	A	A 7067 B 7067	8.131 0.004 10.159 0.020	8.502 0.011 9.861 0.038	8.020 0.011 9.120 0.030		22.770 811 37 +43.620 764 17 22.771 871 39 +43.620 624 13	9.99 9.99	33.87 33.87	-11.19 -11.19	1.04 0.92 1.27 1.08 1.22 8.81 7.01 1.27 1.08 1.22	A 100.3 2.81														
01312-0702	1	F CA	A	A 7075 B 7075	8.187 0.023 9.786 0.101				22.794 589 49 -7.032 773 15 22.794 577 52 -7.032 838 67	8.68 8.68	-1.19 -1.19	-15.13 -15.13	3.60 3.13 1.28 1.15 1.14 15.81 9.83 1.28 1.15 1.14	A 190 0.24														
01312-4624	1	F CA	A	A 7072 B 7072	9.952 0.013 10.769 0.026	9.996 0.022 10.437 0.131	9.492 0.021 9.922 0.091		22.787 666 46 -46.392 088 51 22.788 263 96 -46.392 168 78	3.53 3.53	-2.25 -2.25	-10.01 -10.01	1.96 2.30 2.57 1.94 2.42 7.65 7.93 2.57 1.94 2.42	A 101.0 1.51														
01315+1521	1	F CA	A	A 7097 B 7097	3.827 0.002 7.507 0.066				22.870 807 76 +15.345 831 01 22.870 942 65 +15.345 953 70	11.09 11.09	25.73 25.73	-3.29 -3.29	0.77 0.55 0.82 0.77 0.50 35.85 12.87 0.82 0.77 0.50	A 47 0.64														
01316-5322	1	F CA	A	A 7111 B 7111	8.435 0.005 8.885 0.007				22.897 060 74 -53.369 478 14 22.897 314 70 -53.369 309 37	9.33 9.33	81.48 81.48	26.86 26.86	1.53 1.52 1.68 1.89 1.96 2.75 2.74 1.68 1.89 1.96	A 41.9 0.817														
01317+1506	1	F CA	A	A 7120 B 7120	9.114 0.007 10.698 0.030				22.936 823 37 +15.094 080 83 22.936 811 41 +15.094 191 17	0.13 0.13	-4.05 -4.05	-3.59 -3.59	2.03 1.65 1.83 2.00 1.16 9.85 6.30 1.83 2.00 1.16	A 354 0.40														
01320-3430	1	F CA	A	A 7137 B 7137	9.539 0.009 10.089 0.015	9.818 0.020 10.097 0.028	9.273 0.024 9.604 0.033		22.992 704 02 -34.498 896 21 22.992 616 24 -34.499 462 69	6.60 6.60	-3.12 -3.12	9.85 9.85	2.40 2.21 3.01 3.12 2.30 4.54 3.79 3.01 3.12 2.30	A 187.3 2.056														
01323-1834	1	L NC	G	A 7158 C 7158 B 7158	8.723 0.025 11.536 0.265 11.718 0.303	9.321 0.017	8.617 0.015		23.067 524 54 -18.566 036 62 23.070 323 93 -18.566 642 09 23.067 654 86 -18.566 557 30	22.07 22.07 22.07	38.56 -54.97 -11.38	-56.97 -169.43 -64.64	2.80 2.21 2.88 2.71 1.93 58.40 39.18 2.88 34.10 23.69 63.29 40.56 2.88 32.81 23.70	A 102.9 9.80 +0.8 -0.07 A 167 1.93 +1 0.00														
01323-2633	1	I CA	A	A 7161 B 7163	8.001 0.022 8.988 0.040	8.208 0.012 9.678 0.024	7.968 0.012 9.087 0.022		23.079 956 04 -26.552 350 75 23.085 263 83 -26.550 844 07	4.94 3.65	-43.99 -39.79	-91.49 -84.55	2.82 2.50 2.90 2.63 2.34 15.67 12.41 8.07 12.06 8.14	A 72.40 17.93 -0.02 +0.01														
01325+6349	1	F CC	A	A 7173 B 7173	10.908 0.137 12.584 0.640				23.121 709 96 +63.821 624 96 23.121 608 51 +63.821 589 93	-1.11 -1.11	1.44 1.44	-7.85 -7.85	11.82 13.17 2.43 1.79 1.85 63.73 78.73 2.43 1.79 1.85	A 232 0.20														

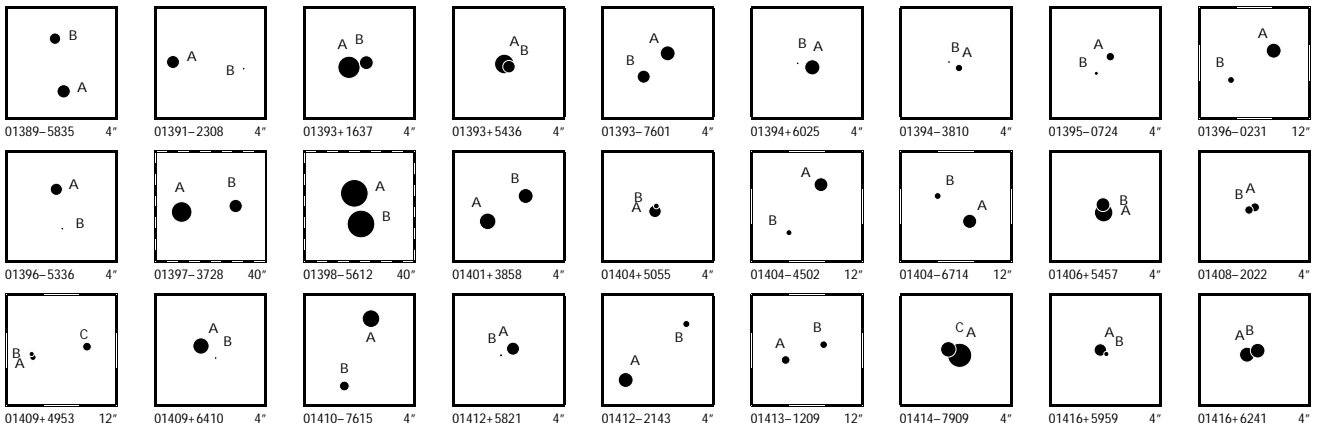


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
01325+7001	1	F	A	7182	7.288	0.059						23.135 564 52	+70.019 458 39	4.15	5.14	-12.25	3.38	3.16	0.62	0.52	0.59					
			B	7182	8.442	0.172						23.135 474 91	+70.019 429 97	4.15	5.14	-12.25	9.10	8.99	0.62	0.52	0.59	A	227		0.15	
01325-1018	1	F	A	7178	8.287	0.008						23.129 731 65	-10.297 468 62	7.68	-26.87	-19.86	2.24	1.41	1.80	1.75	1.15					
			B	7178	11.220	0.111						23.129 620 38	-10.297 548 58	7.68	-26.87	-19.86	44.86	22.20	1.80	1.75	1.15	A	234		0.49	
01325-4608	1	F	A	7176	9.875	0.009	10.764	0.037	9.791	0.025		23.127 155 11	-46.132 931 58	0.95	9.26	3.25	1.42	1.56	2.02	1.45	1.55					
			B	7176	12.302	0.082						23.126 826 99	-46.133 370 80	0.95	9.26	3.25	19.16	17.31	2.02	1.45	1.55	A	207		1.78	
01328+3551	1	F	A	7201	6.823	0.003	8.150	0.009	6.812	0.004		23.198 799 64	+35.842 802 30	6.73	-5.29	-50.92	0.94	0.72	1.06	1.13	0.74					
			B	7201	10.077	0.064	10.131	0.067	9.441	0.052		23.198 601 82	+35.841 969 87	6.73	-5.29	-50.92	19.92	17.44	1.06	1.13	0.74	A	190.9		3.05	
01328+4538	1	F	A	7205	9.905	0.051						23.210 288 82	+45.625 460 72	1.88	-3.39	-7.37	26.74	21.11	1.29	1.07	0.94					
			B	7205	10.137	0.435						23.210 337 15	+45.625 488 10	1.88	-3.39	-7.37	17.41	14.85	1.29	1.07	0.94	A	51		0.16	
01328-4115	1	I	A	7199	9.371	0.018	10.270	0.024	9.199	0.015		23.194 823 79	-41.255 101 89	7.08	-15.63	-41.68	2.12	2.91	3.04	2.49	2.84					
			B	7197	10.436	0.042	10.979	0.043	10.297	0.038		23.188 011 63	-41.255 541 89	9.59	-16.47	-43.37	11.92	15.17	8.27	6.75	7.71	A	265.09	18.50	0.00	0.00
01329+4736	1	F	A	7214	10.022	0.376						23.234 067 85	+47.594 886 08	2.26	-8.05	-3.65	17.80	39.39	1.53	1.57	1.03					
			B	7214	10.590	0.634						23.234 121 09	+47.594 860 50	2.26	-8.05	-3.65	47.61	56.84	1.53	1.57	1.03	A	125		0.16	
01332+6041	1	F	A	7232	7.348	0.006	7.545	0.005	7.284	0.005		23.308 362 06	+60.686 439 05	2.44	-1.49	-0.72	0.80	0.91	1.30	1.07	1.05					
			B	7232	9.939	0.055	9.968	0.044	9.895	0.069		23.313 089 94	+60.683 351 19	2.44	-1.49	-0.72	13.10	13.45	1.30	1.07	1.05	A	143.14		13.89	
01333+0813	1	F	A	7243	6.501	0.003	7.859	0.009	6.456	0.005		23.326 112 46	+8.208 814 72	5.58	18.89	-31.62	0.82	0.59	0.83	0.86	0.57					
			B	7243	10.563	0.110						23.327 210 93	+8.209 050 56	5.58	18.89	-31.62	31.59	30.47	0.83	0.86	0.57	A	77.8		4.01	
01334+7438	1	F	A	7249	9.471	0.075						23.350 062 61	+74.628 464 99	0.97	-4.20	2.22	5.32	6.22	0.87	0.70	0.78					
			B	7249	9.802	0.102						23.350 162 92	+74.628 507 76	0.97	-4.20	2.22	6.50	7.47	0.87	0.70	0.78	A	32		0.181	
01334-4354	1	F	A	7254	8.390	0.258						23.360 526 54	-43.901 405 04	28.23	223.67	64.01	7.63	10.95	0.94	0.69	0.73					
			B	7254	9.220	0.555						23.360 523 26	-43.901 433 86	28.23	223.67	64.01	13.97	30.47	0.94	0.69	0.73	A	185		0.10	
01335+5745	1	F	A	7260	10.238	0.186						23.386 196 99	+57.751 495 31	2.69	-4.59	-0.66	11.33	15.66	2.32	1.89	1.98					
			B	7260	10.623	0.264						23.386 254 69	+57.751 543 48	2.69	-4.59	-0.66	21.18	25.65	2.32	1.89	1.98	A	33		0.21	
01335-7342	1	F	A	7264	9.485	0.008	10.269	0.027	9.424	0.021		23.394 009 52	-73.707 508 37	8.64	253.00	35.93	1.36	1.40	1.41	1.51	1.52					
			B	7264	12.298	0.096						23.394 196 65	-73.707 790 84	8.64	253.00	35.93	25.47	30.68	1.41	1.51	1.52	A	169		1.03	
01336+3023	1	F	A	7269	8.299	0.056						23.404 503 80	+30.389 255 30	4.04	-9.72	-19.19	3.04	4.17	0.98	1.06	0.63					
			B	7269	10.447	0.401						23.404 468 84	+30.389 295 18	4.04	-9.72	-19.19	27.17	28.54	0.98	1.06	0.63	A	323		0.18	
01337-1213	1	F	A	7274	9.318	0.005						23.426 701 41	-12.212 875 70	14.57	-8.91	-6.25	6.56	4.16	5.84	6.46	3.80					
			B	7274	9.375	0.055						23.426 610 52	-12.212 657 57	14.57	-8.91	-6.25	7.02	5.01	5.84	6.46	3.80	A	337.8		0.848	
01339-4421	1	F	A	7286	8.882	0.009						23.468 416 45	-44.348 266 52	2.97	23.04	5.07	1.55	1.82	1.63	1.27	1.24					
			B	7286	11.492	0.097						23.468 501 59	-44.348 368 95	2.97	23.04	5.07	18.86	18.30	1.63	1.27	1.24	A	149		0.43	
01339-5531	1	F	A	7290	10.093	0.010	11.304	0.061	10.065	0.033		23.480 113 35	-55.523 142 22	22.36	-41.50	-197.50	1.73	1.85	2.04	1.92	1.89					
			B	7290	12.758	0.112						23.479 682 08	-55.522 475 82	22.36	-41.50	-197.50	28.22	39.21	2.04	1.92	1.89	A	340		2.55	
01340+4559	1	F	A	7299	8.993	0.011	8.923	0.015	8.945	0.020		23.502 729 61	+45.976 586 77	3.66	-2.20	-4.22	2.37	1.70	2.35	2.50	1.76					
			B	7299	9.875	0.023	9.887	0.033	9.843	0.046		23.500 148 95	+45.978 679 37	3.66	-2.20	-4.22	7.04	6.82	2.35	2.50	1.76	A	319.4		9.92	
01341-2918	1	I	A	7306	9.879	0.020	10.290	0.031	9.843	0.033		23.515 053 31	-29.302 165 67	-1.95	24.46	-7.70	2.97	2.74	3.24	3.91	2.46					
			B	7304	11.756	0.090						23.509 029 58	-29.299 785 38	-2.53	32.24	-16.09	43.06	30.29	17.36	20.84	12.53	A	294.37	20.76	-0.01	-0.01
01342+3611	1	F	A	7314	8.515	0.065						23.547 945 92	+36.190 145 57	3.62	-0.97	-2.78	1.73	3.20	1.32	1.38	0.92					
			B	7314	9.423	0.150						23.547 950 47	+36.190 198 68	3.62	-0.97	-2.78	6.57	10.81	1.32	1.38	0.92	A	4		0.19	
			C	7314	10.727	0.052	10.752	0.066	10.481	0.087		23.545 230 68	+36.189 750 45	3.62	-0.97	-2.78	11.62	8.91	1.32	1.38	0.92	A	259.8		8.02	
01343-4541	1	F	A	7327	7.198	0.004	8.146	0.010	7.088	0.007		23.585 685 28	-45.691 374 30	7.82	96.97	85.49	0.76	0.82	1.07	0.80	0.76					
			B	7327	9.413	0.031						23.585 778 52	-45.690 938 77	7.82	96.97	85.49	6.83	7.16	1.07	0.80	0.76	A	8.5		1.59	
01344-3954	1	F	A	7329	10.110	0.011						23.596 172 82	-39.901 681 90	10.37	185.62	2.40	1.71	2.57	2.67	1.40	2.14					
			B	7329	11.641	0.043						23.596 152 11	-39.901 551 23	10.37	185.62	2.40	11.60	10.88	2.67	1.40	2.14	A	353		0.47	
01345+3440	1	F	A	7337	10.461	0.034						23.623 719 44	+34.660 966 99	4.33	-5.73	-42.29	3.80	3.63	2.50	2.32	1.76					
			B	7337	10.684	0.042	</																			

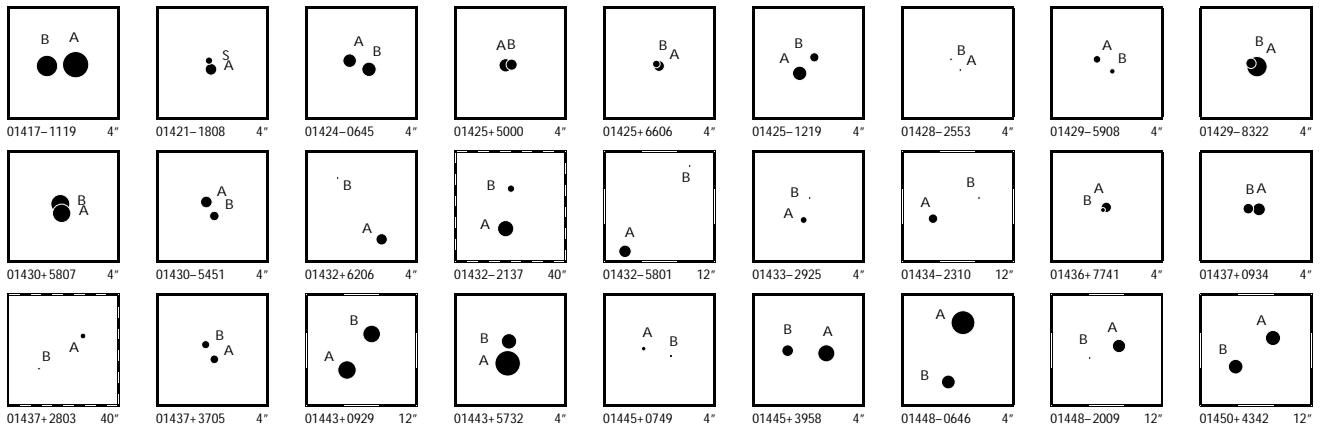
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
01354+1126	1	F C B	A 7397 B 7397	12.671 12.749	0.154 0.166						23.839 893 67 +11.434 414 58 23.839 909 57 +11.434 476 56	10.33 10.33	119.64 -37.87 119.64 -37.87	49.50 24.81 4.37 5.11 3.46 15.36 12.43 4.37 5.11 3.46	A 14	0.23										
01354+2641	1	F C A	A 7406 B 7406	8.103 10.765	0.005 0.053	8.658 0.013	8.011 0.011				23.860 811 56 +26.684 401 12 23.861 178 97 +26.683 894 52	6.68 6.68	23.01 -58.02 23.01 -58.02	1.27 1.03 1.27 1.65 1.01 13.17 8.95 1.27 1.65 1.01	A 147.1	2.17										
01355-1648	1	F C B	A 7407 B 7407	10.261 11.115	0.453 0.994						23.864 581 70 -16.792 931 27 23.864 624 92 -16.792 932 38	4.42 4.42	-9.86 -3.19 -9.86 -3.19	29.16 16.96 1.64 1.51 1.06 75.01 36.33 1.64 1.51 1.06	A 92	0.15										
01356+7227	1	L C A	A 7413 B 7413	7.698 7.780	0.004 0.005						23.888 982 26 +72.442 021 17 23.889 574 15 +72.441 876 08	4.46 4.46	-17.05 2.40 -10.38 -0.22	1.48 1.68 1.53 1.41 1.43 1.85 2.06 1.53 2.10 2.35	B 129.1	0.828 -0.2 +0.007										
01357-5016	1	F C A	A 7425 B 7425	11.259 11.392	0.015 0.017	12.014 0.133	10.977 0.085				23.917 582 65 -50.261 801 13 23.916 842 55 -50.261 738 19	20.47 20.47	231.39 52.33 231.39 52.33	4.28 4.12 4.74 4.86 4.23 8.19 11.61 4.74 4.86 4.23	A 277.6	1.72										
01361+0739	1	F C A	A 7456 B 7456	7.608 7.664	0.005 0.005						24.011 915 56 +7.645 253 55 24.012 305 12 +7.645 519 18	13.33 13.33	-20.61 19.38 -20.61 19.38	2.06 1.37 1.61 1.99 1.02 2.62 2.64 1.61 1.99 1.02	A 55.5	1.687										
01361-2954	1	L C A	A 7463 B 7463	6.058 7.347	0.002 0.008						24.035 121 24 -29.907 433 60 24.035 238 38 -29.907 635 52	16.13 16.13	119.68 47.98 98.86 39.12	0.81 0.73 0.97 1.00 0.62 2.40 2.26 0.97 2.33 1.25	A 153.3	0.814 +1.6 -0.001										
01361-3718	1	I C B	A 7460 B 7466	9.291 9.870	0.135 0.191	10.358 0.028	9.198 0.017				24.034 493 86 -37.296 656 67 24.042 880 31 -37.292 340 97	0.52 3.51	18.28 -0.01 18.70 -1.57	2.09 2.00 2.30 1.99 1.86 4.64 4.97 3.70 3.09 3.05	A 57.11	28.605 0.00 0.000										
01363+0419	1	F C A	A 7476 B 7476	8.055 11.633	0.004 0.099	9.350 0.020	7.989 0.012				24.070 589 09 +4.314 324 09 24.070 139 97 +4.312 914 88	3.75 3.75	24.93 2.88 24.93 2.88	1.14 0.91 1.27 1.07 0.77 35.60 23.33 1.27 1.07 0.77	A 197.6	5.32										
01364+7909	1	I C B	A 7492 B 7489	8.826 10.207	0.011 0.029	8.918 0.013	8.753 0.016				24.109 673 11 +79.154 795 62 24.103 667 06 +79.148 301 70	3.12 -2.28	9.61 -10.46 9.56 -12.09	1.72 1.84 1.66 1.77 1.84 11.82 11.62 8.91 9.98 8.46	A 189.88	23.73 0.00 0.00										
01365+5049	1	L N D	A 7495 B 7495	9.896 12.411	0.011 0.107	10.163 0.025	9.838 0.029				24.124 697 47 +50.823 930 92 24.123 553 19 +50.824 422 91	-3.84 -3.84	-0.80 1.23 -27.46 60.24	1.95 2.09 2.71 2.02 2.09 28.90 33.60 2.71 19.29 20.82	A 304.2	3.15 +0.6 +0.06										
01368-4009	1	F C A	A 7510 B 7510	8.633 10.785	0.005 0.034	8.995 0.008	8.570 0.008				24.190 011 94 -40.148 774 40 24.190 943 45 -40.148 393 37	6.09 6.09	-22.74 -23.35 -22.74 -23.35	0.81 1.11 1.45 0.88 1.03 6.72 9.99 1.45 0.88 1.03	A 61.8	2.91										
01372+4843	1	F C A	A 7540 B 7540	9.396 9.819	0.009 0.013						24.289 680 10 +48.711 870 32 24.289 775 34 +48.711 985 44	4.87 4.87	6.87 -9.51 6.87 -9.51	2.68 2.54 2.62 2.43 2.93 6.39 4.35 2.62 2.43 2.93	A 29	0.472										
01374+1955	1	F C A	A 7558 B 7558	10.565 10.951	0.020 0.029						24.342 912 74 +19.912 515 55 24.342 799 14 +19.912 252 12	6.28 6.28	47.60 4.40 47.60 4.40	4.19 2.68 3.07 4.51 2.22 11.01 5.90 3.07 4.51 2.22	B 202	1.02										
01374+5838	1	I N D	A 7559 B 7566	7.262 9.050	0.009 0.036	7.266 0.006	7.237 0.007				24.345 289 04 +58.637 411 34 24.359 071 41 +58.639 070 89	0.54 -3.47	2.14 -3.50 14.42 -9.99	1.54 1.44 1.55 1.86 1.61 10.61 10.36 7.96 9.26 8.12	A 76.97	26.50 +0.02 +0.01										
01374-8217	1	F C A	A 7560 B 7560	7.681 8.641	0.004 0.009	8.761 0.025	7.576 0.016				24.347 575 33 -82.281 744 82 24.356 688 18 -82.280 840 03	8.03 8.03	50.97 -34.08 50.97 -34.08	0.92 0.95 0.94 1.09 1.13 3.18 3.28 0.94 1.09 1.13	A 53.53	5.479										
01377+4825	1	F C A	A 7589 B 7589	6.942 10.378	0.003 0.074						24.434 845 02 +48.412 733 09 24.434 794 16 +48.412 598 75	15.53 15.53	149.01 5.90 149.01 5.90	0.91 0.87 0.97 0.77 0.94 25.61 14.66 0.97 0.77 0.94	A 194	0.50										
01379+2554	1	F C A	A 7600 B 7600	8.856 10.968	0.005 0.033	9.886 0.028	8.760 0.018				24.478 913 88 +25.904 037 30 24.477 991 59 +25.903 064 04	2.13 2.13	23.94 -4.02 23.94 -4.02	1.81 1.43 1.75 2.50 1.30 15.51 7.64 1.75 2.50 1.30	A 220.4	4.60										
01381-3300	1	F C A	A 7619 B 7619	10.671 10.931	0.009 0.011	10.412 0.051	9.874 0.034				24.535 887 44 -33.003 400 50 24.535 933 58 -33.002 902 60	1.95 1.95	10.22 -3.95 10.22 -3.95	2.48 2.82 3.50 3.20 2.97 6.52 4.52 3.50 3.20 2.97	A 4.4	1.798										
01383-3748	1	F C A	A 7627 B 7627	10.083 11.295	0.012 0.034						24.564 753 28 -37.802 953 27 24.564 719 51 -37.802 834 60	8.18 8.18	24.11 25.05 24.11 25.05	2.06 2.33 2.35 1.77 1.81 8.94 7.86 2.35 1.77 1.81	A 347	0.44										
01386-4453	1	F C A	A 7662 B 7662	10.009 11.477	0.030 0.115						24.660 634 68 -44.879 003 57 24.660 720 68 -44.879 077 17	2.70 2.70	20.10 25.66 20.10 25.66	3.27 3.84 1.84 1.44 1.57 13.56 14.29 1.84 1.44 1.57	A 140	0.34										
01387+5236	1	F C A	A 7665 B 7665	9.039 11.685	0.010 0.110	9.085 0.013	8.966 0.016				24.668 837 80 +52.606 395 11 24.668 375 04 +52.606 485 04	1.70 1.70	-2.63 0.88 -2.63 0.88	1.47 1.67 2.01 1.89 1.80 25.91 21.60 2.01 1.89 1.80	A 288	1.06										
01387-4436	1	F C A	A 7667 B 7667	8.763 9.266	0.006 0.010	9.113 0.015	8.603 0.015				24.677 646 95 -44.594 329 58 24.678 119 57 -44.593 928 76	7.78 7.78	25.64 52.58 25.64 52.58	1.54 1.71 2.03 1.83 1.80 3.10 3.47 2.03 1.83 1.80	A 40.0	1.884										
01388+3839	1	F C A	A 7671 B 7671	7.943 11.182	0.004 0.082	9.082 0.015	7.880 0.010				24.694 730 67 +38.651 954 75 24.694 457 91 +38.652 729 80	3.08 3.08	-0.46 16.45 -0.46 16.45	1.20 0.87 1.29 1.31 0.87 30.47 26.39 1.29 1.31 0.87	A 345	2.89										
01388+6343	1	F C A	A 7670 B 7670	9.597 9.622	0.009 0.009	10.472 0.033	9.440 0.023				24.694 242 88 +63.716 646 50 24.692 071 92 +63.717 145 78	20.40 20.40	97.20 28.23 97.20 28.23	2.65 3.22 3.32 1.99 2.48 4.63 4.39 3.32 1.99 2.48	B 297.4	3.90										
01388-5326	1	I C A	A 7673 B 7674	7.185 8.866	0.009 0.025	7.589 0.008	7.131 0.008				24.702 322 10 -53.438 784 33 24.706 994 77 -53.439 505 86	8.60 9.56	-8.44 -51.65 -7.47 -49.25	1.37 1.42 1.43 1.71 1.44 6.43 7.94 4.03 4.56 4.00	A 104.53	10.351 -0.01 0.000										
01389+7643	1	F C A	A 7684 B 7684	9.018 9.045	0.005 0.005						24.736 076 11 +76.723 637 44 24.735 496 11 +76.723 801 95	4.27 4.27	34.64 -14.02 34.64 -14.02	1.77 1.92 1.86 2.10 2.23 3.22 3.11 1.86 2.10 2.23	A 321.0	0.762										



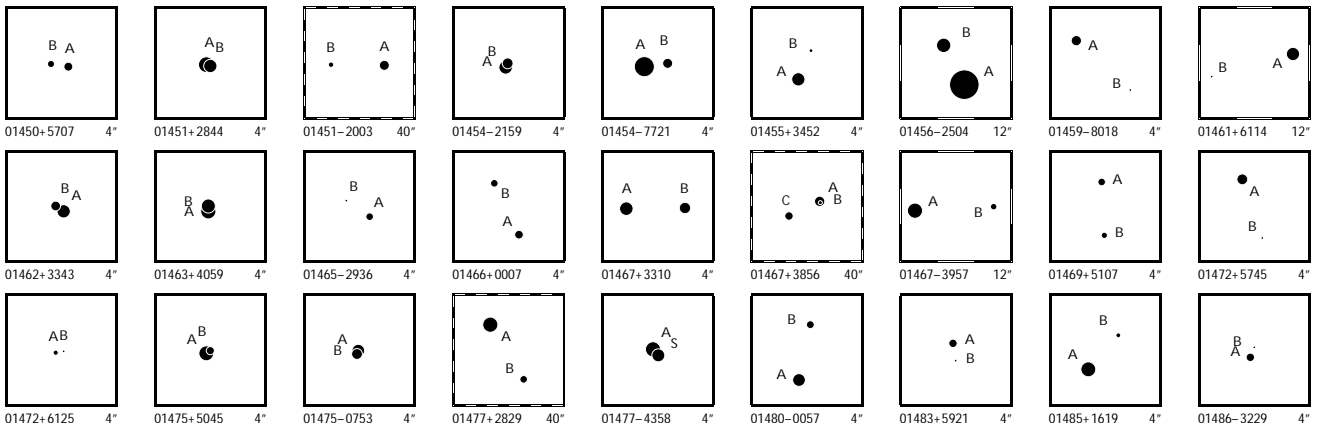
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry												
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt						
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
01389-5835	1	FCA	A	7682	9.084	0.006	9.334	0.019	8.907	0.021	24.733	603	31	-58.580	245	81	3.88	17.67	23.37	1.69	2.07	2.01	2.08	2.28	A	9.3	2.001		
01391-2308	1	FCC	A	7704	9.117	0.012	9.634	0.021	9.034	0.018	24.787	031	50	-23.127	906	22	5.34	-66.01	-118.23	1.94	1.33	1.97	1.87	1.32	A	265	2.64		
01393+1637	1	LCA	A	7709	7.078	0.003					24.813	387	97	+16.625	539	31	3.70	1.54	-21.53	1.47	1.27	1.35	1.65	0.90	A	286	0.661	0	-0.010
01393+5436	1	FCA	A	7713	7.674	0.036					24.822	464	90	+54.600	508	69	4.56	-15.00	-0.40	3.17	2.25	0.85	0.64	0.58	A	236	0.20		
01393-7601	1	FCA	A	7717	8.716	0.007					24.835	910	22	-76.020	796	08	4.76	45.68	1.73	1.52	1.62	1.51	1.44	1.63	A	133.7	1.21		
01394+6025	1	FCB	A	7720	8.652	0.006					24.838	502	69	+60.408	429	60	0.49	-1.37	2.09	1.67	1.52	1.92	1.82	1.77	A	74	0.56		
01394-3810	1	FCB	A	7725	10.374	0.014					24.855	151	56	-38.165	803	65	3.45	0.41	25.53	2.65	2.29	2.46	1.97	1.83	A	63	0.44		
01395-0724	1	FCA	A	7730	10.152	0.008					24.884	369	59	-7.394	540	28	9.29	18.84	-31.73	3.07	2.28	3.16	3.10	2.51	A	140	0.82		
01396-0231	1	FCA	A	7736	8.685	0.013	9.145	0.028	8.569	0.026	24.910	901	10	-2.517	115	62	11.71	95.58	18.25	2.07	1.53	2.22	2.47	1.48	A	124.7	5.74		
01396-5336	1	FCC	A	7735	9.309	0.010	9.562	0.016	9.219	0.018	24.905	868	21	-53.591	892	82	4.96	-8.44	1.63	1.25	1.53	1.63	1.62	1.57	A	190	1.45		
01397-3728	1	ICA	A	7742	7.426	0.020	8.807	0.014	7.387	0.008	24.922	893	45	-37.473	379	66	3.76	0.06	-19.74	1.61	1.78	1.88	1.66	1.69	A	277.04	19.81	-0.03	0.00
01398-5612	1	FND	D	7751	5.905	0.021	6.994	0.008	5.951	0.005	24.946	846	03	-56.196	440	67	122.75	286.10	16.66	5.17	5.55	1.41	1.01	1.41	B	12.48	11.26		
01401+3858	1	FCA	A	7773	8.328	0.006	8.593	0.023	8.146	0.021	25.014	561	94	+38.969	604	27	8.76	-24.97	-20.98	1.81	1.17	1.89	1.93	1.14	A	302.8	1.692		
01404+5055	1	FCA	A	7801	9.237	0.072					25.095	883	98	+50.917	827	00	2.98	23.08	-11.32	4.78	7.49	1.25	1.03	0.95	A	347	0.19		
01404-4502	1	FCA	A	7807	8.912	0.007	9.240	0.013	8.835	0.013	25.102	308	99	-45.035	662	92	2.70	12.32	9.80	1.21	1.36	1.71	1.35	1.44	A	146.0	6.33		
01404-6714	1	FCA	A	7806	8.851	0.005	9.324	0.014	8.754	0.013	25.099	902	54	-67.232	192	70	7.73	31.12	-0.15	1.12	1.16	1.21	1.15	1.41	A	51.2	4.51		
01406+5457	1	FCA	A	7820	7.941	0.014					25.146	464	83	+54.942	007	55	2.37	2.10	-2.12	1.62	2.21	1.08	0.84	0.73	A	5	0.280		
01408-2022	1	FCA	A	7838	10.006	0.063					25.209	713	03	-20.365	038	27	0.04	-1.98	11.48	7.96	6.43	1.77	1.87	1.12	A	115	0.24		
01409+4953	1	FCA	G	7841	10.064	0.020	10.749	0.053	9.904	0.039	25.215	050	43	+49.875	355	30	14.32	49.31	-31.10	6.02	4.79	3.09	2.16	3.35	C	101.5	6.08		
01409+6410	1	FCB	A	7845	8.384	0.008					25.219	831	23	+64.173	086	68	-0.19	-1.70	1.10	1.04	1.16	1.51	1.17	1.23	A	233	0.71		
01410-7615	1	FCA	A	7853	8.114	0.005	8.475	0.009	8.047	0.009	25.247	486	49	-76.242	922	64	6.35	-10.31	4.73	0.88	1.05	0.98	0.87	1.11	A	158.3	2.67		
01412+5821	1	FCA	A	7868	9.131	0.008					25.307	678	27	+58.345	293	37	-1.22	1.50	-5.18	1.94	1.67	1.91	1.97	1.42	A	118	0.49		
01412-2143	1	FCA	A	7864	8.708	0.005	8.998	0.013	8.630	0.014	25.291	571	19	-21.719	769	31	5.54	14.98	-23.31	1.44	1.14	1.56	1.56	1.21	A	312.7	3.05		
01413-1209	1	FCA	A	7877	10.068	0.011	10.540	0.042	9.738	0.032	25.330	388	01	-12.147	193	54	6.21	9.53	-12.90	4.23	3.54	3.21	3.64	2.33	A	291.9	4.56		
01414-7909	1	LCA	A	7879	6.667	0.003					25.338	687	82	-79.148	253	74	8.26	59.76	22.13	0.78	0.78	0.63	0.57	0.75	A	61.8	0.461	+0.7	-0.013
01416+5959	1	FCA	A	7900	9.234	0.049					25.398	433	70	+59.985	158	05	0.32	1.49	-2.19	6.02	4.89	1.63	1.80	1.49	A	233	0.25		
01416+6241	1	FCA	A	7895	8.674	0.010					25.391	396	57	+62.676	850	81	4.32	20.54	-18.32	1.61	1.69	1.96	1.43	1.49	A	293.6	0.405		



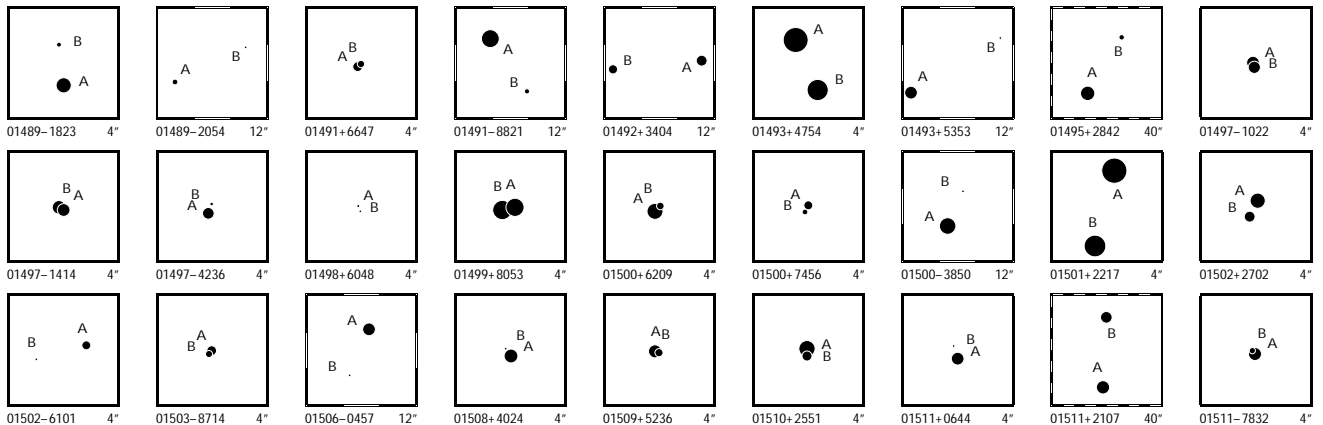
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
01417-1119	1	L CA	A 7916 B 7916	6.187 7.266	0.003 0.009				25.436 658 70 25.436 961 98	-11.323 668 16 -11.323 680 41	26.83 26.83	60.10 18.13	-411.71 -413.60	0.97 3.58	0.75 3.05	0.96 0.96	0.94 2.76	0.66 1.61	A	92.4	1.071	+0.2	-0.042					
01421-1808	1	F CA	A 7952 S 7952	9.390 10.380	0.025 0.063				25.532 657 85 25.532 677 29	-18.126 322 16 -18.126 234 64	5.94 5.94	59.75 59.75	8.34 8.34	3.50 10.31	4.17 8.36	1.73 1.73	1.70 1.70	1.53 1.53	A	12	0.32							
01424-0645	1	F CA	B 7968 A 7968	8.833 8.979	0.006 0.007				25.598 339 48 25.598 536 05	-6.754 800 98 -6.754 705 28	7.74 7.74	-27.10 -27.10	-39.24 -39.24	3.00 3.66	2.88 4.00	3.57 3.57	3.12 3.12	2.76 2.76	B	63.9	0.783							
01425+5000	1	F CA	A 7979 B 7979	9.081 9.554	0.067 0.104				25.622 858 62 25.622 763 06	+49.999 756 13 +49.999 762 97	0.48 0.48	-0.20 -0.20	-8.75 -8.75	8.38 10.40	4.94 8.70	1.48 1.48	1.20 1.20	1.10 1.10	A	276	0.22							
01425+6606	1	F CB	A 7984 B 7984	9.579 10.304	0.206 0.402				25.634 518 54 25.634 583 81	+66.107 966 73 +66.107 990 71	2.64 2.64	-2.50 -2.50	-6.41 -6.41	11.42 17.20	9.15 17.57	1.20 1.20	0.94 0.94	0.99 0.99	A	48	0.13							
01425-1219	1	F CA	A 7980 B 7980	8.822 9.968	0.005 0.014				25.624 363 77 25.624 209 33	-12.320 531 08 -12.320 363 77	0.80 0.80	-7.79 -7.79	-1.92 -1.92	1.69 6.47	1.44 5.08	1.84 1.84	1.75 1.75	1.52 1.52	A	318.0	0.811							
01428-2553	1	F CA	A 8008 B 8008	12.318 12.699	0.037 0.052				25.705 774 55 25.705 873 64	-25.890 015 45 -25.889 910 89	29.15 29.15	-118.33 -118.33	-96.12 -96.12	7.63 21.59	9.23 20.43	9.05 9.05	7.88 7.88	6.67 6.67	A	40	0.49							
01429-5908	1	F CA	A 8012 B 8012	10.349 10.807	0.007 0.010				25.716 907 42 25.716 594 81	-59.126 137 06 -59.126 263 89	5.60 5.60	-1.72 -1.72	7.06 7.06	2.91 5.58	2.64 5.84	2.93 2.93	3.19 3.19	2.57 2.57	A	232	0.736							
01429-8322	1	F CA	A 8018 B 8018	7.489 9.730	0.022 0.176				25.733 272 31 25.733 743 21	-83.367 094 79 -83.367 060 64	14.95 14.95	-8.05 -8.05	-33.06 -33.06	2.81 14.05	2.56 16.34	0.68 0.68	0.64 0.64	0.78 0.78	A	58	0.23							
01430+5807	1	F CA	B 8019 A 8019	7.794 7.921	0.011 0.012				25.740 570 13 25.740 547 09	+58.115 833 91 +58.115 736 19	8.97 8.97	10.50 10.50	-26.34 -26.34	2.19 2.30	2.05 2.16	1.60 1.60	1.38 1.38	1.44 1.44	B	187	0.355							
01430-5451	1	F CA	A 8024 B 8024	9.396 9.883	0.007 0.010				25.754 591 77 25.754 444 00	-54.856 431 85 -54.856 570 06	5.78 5.78	-12.18 -12.18	-18.88 -18.88	1.58 3.32	2.33 3.93	1.93 1.93	1.66 1.66	2.38 2.38	A	211.6	0.584							
01432+6206	1	F ND	D 8036 B 8036	9.488 13.127	0.008 0.229	9.548 0.011	9.458 0.014		25.797 568 32 25.798 530 47	+62.094 093 48 +62.094 724 65	-0.50 -0.50	-3.73 -3.73	-4.20 -4.20	1.01 49.94	1.29 64.84	1.84 1.84	1.23 1.23	1.57 1.57	A	36	2.79							
01432-2137	1	I CA	P 8039 B 8038	8.373 10.368	0.009 0.048	9.326 0.022	8.338 0.016	11.569 0.097	10.202 0.046	25.809 567 79 25.808 926 40	-21.619 746 31 -21.615 631 86	30.58 22.11	50.53 58.75	-9.49 -18.27	2.29 19.16	1.73 14.49	2.09 14.43	2.62 16.03	1.85 11.08	A	351.8	14.97	0.0	-0.01				
01432-5801	1	F NC	A 8035 B 8035	9.269 13.017	0.020 0.612	10.346 0.029	9.294 0.020		25.796 793 13 25.793 006 55	-58.009 668 78 -58.007 035 48	24.30 24.30	-149.96 -149.96	-187.83 -187.83	1.65 92.44	1.89 96.50	2.10 2.10	1.73 1.73	1.76 1.76	A	322.7	11.92							
01433-2925	1	F CB	A 8048 B 8048	10.515 13.382	0.009 0.114				25.834 579 46 25.834 497 10	-29.413 656 61 -29.413 432 59	3.05 3.05	15.45 15.45	-10.37 -10.37	2.14 42.75	2.13 49.93	3.42 3.42	3.38 3.38	2.14 2.14	A	342	0.85							
01434-2310	1	F CA	A 8054 B 8054	9.895 11.390	0.009 0.035	10.508 0.049	9.753 0.039		25.852 842 93 25.851 301 28	-23.169 472 23 -23.168 850 97	8.41 8.41	-13.11 -13.11	-36.98 -36.98	2.44 11.64	2.40 8.89	3.44 3.44	2.53 2.53	2.14 2.14	A	293.7	5.57							
01436+7741	1	F CB	A 8065 B 8065	9.735 10.921	0.175 0.520				25.911 038 26 25.911 205 58	+77.680 177 91 +77.680 143 82	9.57 9.57	21.13 21.13	51.26 51.26	10.88 33.89	9.20 34.48	1.08 1.08	1.02 1.02	0.97 0.97	A	134	0.18							
01437+0934	1	L CA	A 8078 B 8078	9.194 9.684	0.026 0.040				25.937 314 32 25.937 427 11	+9.568 773 99 +9.568 783 60	21.20 21.20	-46.85 -25.06	-46.21 -19.88	5.46 9.52	3.12 7.46	3.47 3.47	3.93 6.39	2.36 5.26	A	85	0.40	-3	+0.02					
01437+2803	1	I ND	D 8067 B 8069	10.727 11.680	0.044 0.092	11.803 0.128	10.585 0.071		25.912 487 93 25.917 545 83	+28.055 999 31 +28.052 706 29	20.23 33.68	254.13 275.93	0.88 24.26	6.81 44.11	4.83 29.30	6.05 26.00	6.86 27.82	5.18 22.84	A	126.4	19.97	-0.1	0.00					
01437+3705	1	L CA	A 8072 B 8072	10.104 10.187	0.009 0.010				25.929 578 10 25.929 676 78	+37.081 767 94 +37.081 918 60	5.59 5.59	32.31 -52.03	-1.47 -13.42	7.04 10.09	9.38 10.44	5.75 5.75	7.20 31.04	8.33 9.86	A	28	0.612	-6	-0.050					
01443+0929	1	F CA	A 8110 B 8110	7.915 8.120	0.005 0.006	8.486 0.014	8.000 0.014		26.062 925 55 26.062 143 39	+9.484 245 02 +9.485 366 66	14.27 14.27	142.80 142.80	-67.49 -67.49	2.21 3.74	1.17 2.65	2.02 2.02	2.16 2.16	0.93 0.93	A	325.5	4.901							
01443+5732	1	L CA	A 8115 B 8115	6.363 8.606	0.003 0.019				26.074 641 15 26.074 613 12	+57.536 661 51 +57.536 890 55	12.63 12.63	46.70 36.25	-18.39 -27.90	0.60 6.32	0.68 5.53	0.77 0.77	0.57 4.02	0.56 2.84	A	356.2	0.826	-0.8	-0.009					
01445+0749	1	F CA	A 8129 B 8129	10.950 11.278	0.008 0.010				26.121 493 65 26.121 213 13	+7.818 813 86 +7.818 738 67	1.73 1.73	-3.79 -3.79	6.60 6.60	5.36 7.90	2.69 4.36	5.45 5.45	5.38 5.38	2.51 2.51	A	254.9	1.04							
01445+3958	1	F CA	A 8131 B 8131	8.208 9.419	0.004 0.013	8.407 0.020	7.996 0.018		26.128 215 22 26.128 731 67	+39.958 656 73 +39.958 680 99	7.75 7.75	48.06 48.06	-10.65 -10.65	1.36 6.43	1.11 3.04	1.58 1.58	1.13 1.13	1.02 1.02	A	86.5	1.43							
01448-0646	1	F CA	A 8143 B 8143	6.714 8.962	0.003 0.019	7.742 0.008	6.642 0.006	9.194 0.020	8.660 0.028	26.181 959 61 26.182 117 48	-6.766 175 51 -6.766 782 07	6.09 6.09	11.07 11.07	4.71 4.71	0.79 5.84	0.70 4.77	0.94 0.94	0.87 0.87	0.76 0.76	A	165.5	2.255						
01448-2009	1	F CA	A 8149 B 8149	9.055 11.612	0.012 0.123	9.523 0.018	8.969 0.017		26.194 260 07 26.195 209 78	-20.150 904 86 -20.151 266 55	5.72 5.72	47.02 47.02	-40.45 -40.45	1.78 21.46	1.55 20.46	2.06 2.06	1.88 1.88	1.58 1.58	A	112.1	3.46							
01450+4342	1	F CA	A 8169 B 8169	8.661 8.767	0.008 0.009	8.977 0.015	8.535 0.015	9.005 0.016	8.650 0.017	26.260 437 25 26.262 039 98	+43.706 371 37 +43.705 507 95	4.03 4.03	0.76 0.76	-16.92 -16.92	1.98 4.39	1.73 3.25	2.05 2.05	1.60 1.60	1.62 1.62	A	126.7	5.202						



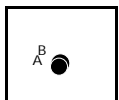
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
01450+5707	1	F CA	A 8166 B 8166	10.036 0.008 10.446 0.012				26.252 968 97 +57.116 759 66 26.253 293 50 +57.116 783 56	12.63 12.63	3.48 -8.30 3.48 -8.30	3.35 2.27 3.55 4.11 2.18 5.28 4.60 3.55 4.11 2.18	A 82.3 0.640														
01451+2844	1	F CA	A 8175 B 8175	8.541 0.231 9.089 0.383			26.277 619 65 +28.734 731 30 26.277 570 08 +28.734 717 37	3.85 3.85	36.04 -52.98 36.04 -52.98	17.30 6.60 1.14 1.01 0.87 27.33 9.62 1.14 1.01 0.87	A 252 0.16															
01451-2003	1	I CA	A 8177 B 8181	9.791 0.026 10.773 0.047	10.216 0.031 11.372 0.084	9.671 0.030 10.795 0.080	26.283 909 14 -20.051 874 66 26.289 731 08 -20.051 824 13	9.11 19.59	23.09 -17.30 8.18 -21.81	3.88 3.50 3.83 3.85 3.12 18.18 15.84 12.58 12.62 10.09	A 89.47 19.69 +0.01 -0.01															
01454-2159	1	F CB	A 8200 B 8200	9.027 0.276 9.622 0.478			26.353 892 73 -21.987 085 13 26.353 872 49 -21.987 043 07	3.53 3.53	-0.39 -2.91 -0.39 -2.91	9.72 22.15 1.30 1.25 1.00 18.76 36.05 1.30 1.25 1.00	A 336 0.17															
01454-7721	1	F CA	A 8199 B 8199	7.586 0.003 9.791 0.025			26.349 409 40 -77.356 917 87 26.348 290 43 -77.356 882 04	7.19 7.19	17.07 3.24 17.07 3.24	0.74 0.84 0.78 0.71 0.90 5.46 5.80 0.78 0.71 0.90	A 278.3 0.89															
01455+3452	1	F CA	A 8203 B 8203	9.065 0.007 11.130 0.048	10.172 0.025	8.943 0.015	26.367 080 11 +34.862 980 75 26.366 927 01 +34.863 270 15	5.69 5.69	-7.86 -28.52 -7.86 -28.52	1.56 1.09 1.71 1.77 1.04 10.66 9.52 1.71 1.77 1.04	A 337 1.14															
01456-2504	1	F CB	A 8209 B 8209	5.430 0.004 8.827 0.097	5.776 0.003 9.498 0.033	5.373 0.003 8.504 0.023	26.411 060 16 -25.052 434 03 26.411 765 90 -25.052 521 31	36.46 36.46	159.48 -72.38 159.48 -72.38	0.90 0.69 1.01 0.98 0.69 21.03 23.44 1.01 0.98 0.69	A 27.9 4.92															
01459-8018	1	F CA	A 8224 B 8224	9.747 0.010 11.812 0.068	11.185 0.052	9.715 0.024	26.471 847 70 -80.300 676 21 26.468 596 09 -80.301 176 54	29.96 29.96	178.66 212.39 178.66 212.39	1.46 1.43 1.44 1.49 1.84 13.34 11.98 1.44 1.49 1.84	A 227.6 2.67															
01461+6114	1	F CA	A 8239 B 8239	9.076 0.010 11.624 0.096	9.741 0.022 12.058 0.235	8.993 0.019 11.203 0.190	26.520 414 85 +61.228 275 61 26.525 567 99 +61.227 561 31	-1.79 -1.79	0.31 -3.91 0.31 -3.91	1.57 1.66 2.42 1.89 1.97 24.18 24.67 2.42 1.89 1.97	A 106.1 9.29															
01462+3343	1	F CA	A 8252 B 8252	9.067 0.020 9.841 0.040			26.555 709 05 +33.721 823 05 26.555 800 39 +33.721 878 98	7.60 7.60	-30.08 -5.95 -30.08 -5.95	3.35 2.05 1.50 1.40 1.27 8.91 4.92 1.50 1.40 1.27	A 54 0.34															
01463+4059	1	F CA	A 8258 B 8258	8.629 0.042 8.853 0.052			26.581 407 80 +40.983 320 32 26.581 404 21 +40.983 373 83	13.46 13.46	88.04 -33.17 88.04 -33.17	3.96 4.23 1.04 0.94 0.61 4.82 4.62 1.04 0.94 0.61	A 357 0.193															
01465-2936	1	F ND	A 8270 B 8270	10.296 0.009 13.574 0.180	10.772 0.038	10.214 0.037	26.634 906 78 -29.594 894 81 26.635 188 17 -29.594 722 88	10.10 10.10	-94.12 -236.73 -94.12 -236.73	1.53 1.31 2.15 2.19 1.30 53.53 49.19 2.15 2.19 1.30	A 55 1.08															
01466+0007	1	F CA	A 8274 B 8274	10.104 0.010 10.322 0.013	10.196 0.036 10.196 0.047	9.636 0.046 9.660 0.066	26.657 890 46 +0.112 163 58 26.658 144 02 +0.112 691 52	6.47 6.47	46.63 -37.34 46.63 -37.34	3.23 2.55 2.89 3.13 2.11 6.58 4.45 2.89 3.13 2.11	A 25.7 2.11															
01467+3310	1	F CA	A 8283 B 8283	8.989 0.006 9.471 0.009	9.320 0.018 9.749 0.029	8.822 0.018 9.254 0.023	26.683 612 75 +33.162 634 30 26.682 896 64 +33.162 641 12	7.61 7.61	-21.46 -26.16 -21.46 -26.16	2.09 1.57 2.32 2.49 1.80 3.84 2.84 2.32 2.49 1.80	A 270.7 2.158															
01467+3856	1	F NB	A 8282 C 8284 B 8282	9.698 0.022 10.114 0.028 11.082 0.069	10.327 0.032	9.886 0.033	26.682 631 31 +38.927 776 02 26.686 647 45 +38.926 249 14 26.682 515 63 +38.927 598 10	5.96 5.96 5.96	24.25 0.62 24.25 0.62 24.25 0.62	3.51 2.19 3.08 2.64 1.75 7.54 5.19 3.08 2.64 1.75 21.71 10.95 3.08 2.64 1.75	A 116.04 12.52 A 207 0.72															
01467-3957	1	F CA	A 8280 B 8280	8.667 0.006 10.532 0.032	8.865 0.008 10.723 0.028	8.597 0.008 10.319 0.032	26.670 125 75 -39.944 320 91 26.666 971 25 -39.944 220 85	3.81 3.81	-4.66 2.52 -4.66 2.52	0.91 1.29 1.68 1.02 1.17 7.22 7.77 1.68 1.02 1.17	A 272.4 8.71															
01469+5107	1	F CA	A 8295 B 8295	10.292 0.010 10.601 0.013	10.246 0.041 10.390 0.056	9.718 0.035 9.769 0.052	26.736 686 99 +51.124 050 69 26.736 634 86 +51.123 505 33	6.70 6.70	-13.11 6.04 -13.11 6.04	3.10 4.07 5.12 3.44 4.33 6.67 5.85 5.12 3.44 4.33	A 183.4 1.967															
01472+5745	1	F CC	A 8313 B 8313	9.570 0.027 12.663 0.465	9.553 0.017	9.458 0.021	26.803 049 85 +57.744 976 60 26.802 677 78 +57.744 380 89	-3.14 -3.14	2.69 -0.41 2.69 -0.41	2.82 2.76 3.62 2.72 2.35 86.37 95.28 3.62 2.72 2.35	A 198 2.26															
01472+6125	1	F CB	A 8312 B 8312	10.844 0.112 12.355 0.446			26.799 690 40 +61.422 492 29 26.799 535 24 +61.422 499 06	-0.85 -0.85	1.24 1.93 1.24 1.93	11.64 8.91 3.25 2.24 2.36 97.61 62.15 3.25 2.24 2.36	A 275 0.27															
01475+5045	1	F CA	A 8333 B 8333	8.671 0.053 10.228 0.223			26.869 037 76 +50.750 951 69 26.868 964 24 +50.750 985 34	1.87 1.87	7.83 -6.66 7.83 -6.66	4.62 5.59 1.35 1.29 1.03 16.45 21.01 1.35 1.29 1.03	A 306 0.21															
01475-0753	1	F CB	A 8337 B 8337	9.152 0.256 9.577 0.378			26.880 554 37 -7.876 807 56 26.880 563 35 -7.876 836 73	2.45 2.45	26.19 -21.72 26.19 -21.72	6.68 15.68 1.00 0.88 0.78 8.69 15.30 1.00 0.88 0.78	A 163 0.11															
01477+2829	1	I CA	A 8358 B 8356	8.610 0.016 10.292 0.055	9.679 0.023 10.325 0.038	8.544 0.015 10.101 0.051	26.927 514 26 +28.487 257 75 26.923 656 07 +28.481 661 07	5.13 -4.05	27.39 12.83 10.12 5.46	2.28 1.62 1.99 2.24 1.78 24.56 15.67 9.19 11.15 8.76	A 211.21 23.56 +0.03 +0.02															
01477-4358	1	L CA	A 8353 S 8353	8.618 0.018 9.098 0.028			26.918 799 31 -43.971 080 87 26.918 715 63 -43.971 147 31	5.81 5.81	52.18 -7.01 49.36 -17.57	2.31 2.71 1.33 1.20 1.51 4.17 4.94 1.33 1.88 2.48	A 222 0.323 -1 +0.010															
01480-0057	1	F CA	A 8377 B 8377	9.172 0.006 10.255 0.016	9.328 0.016 10.128 0.064	9.041 0.018 9.700 0.036	26.987 291 32 -0.956 439 07 26.987 171 32 -0.955 871 41	2.46 2.46	28.03 -14.57 28.03 -14.57	2.28 1.52 2.09 2.21 1.60 6.71 5.01 2.09 2.21 1.60	A 348.1 2.089															
01483+5921	1	F CC	A 8396 B 8396	10.144 0.014 13.170 0.227			27.082 064 00 +59.342 078 79 27.082 020 55 +59.341 893 16	8.01 8.01	22.48 -15.23 22.48 -15.23	2.45 2.26 3.01 2.76 2.15 75.80 68.74 3.01 2.76 2.15	A 187 0.67															
01485+1619	1	F CA	A 8414 B 8414	8.720 0.006 10.895 0.045	9.003 0.022	8.591 0.022	27.138 773 82 +16.306 087 48 27.138 445 69 +16.306 430 75	10.09 10.09	-26.69 -10.88 -26.69 -10.88	1.64 1.33 1.49 1.90 1.36 11.95 10.23 1.49 1.90 1.36	A 317.5 1.68															
01486-3229	1	F CB	A 8422 B 8422	10.121 0.012 12.863 0.151			27.157 171 85 -32.477 293 72 27.157 129 73 -32.477 186 11	11.00 11.00	152.12 -69.08 152.12 -69.08	2.05 2.38 2.16 1.97 1.43 35.80 37.59 2.16 1.97 1.43	A 342 0.41															



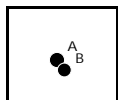
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^*	δ	π	μ_{α^*}	μ_{δ}	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr						
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
01489-1823	1	F CA	A 8442 B 8442	8.611 0.007 10.926 0.058	9.435 0.016	8.517 0.012		27.212 533 25 27.212 580 22	-18.377 467 44 -18.377 043 47	6.17 6.17	51.45 54.24 51.45 54.24	1.41 1.09 1.48 1.55 1.11	1.55 1.11	A 6.0	1.53														
01489-2054	1	F CB	A 8447 B 8447	10.729 0.042 12.723 0.166	11.386 0.085	10.734 0.072		27.225 484 25 27.223 135 59	-20.892 904 94 -20.891 833 48	9.91 9.91	44.82 -15.91 44.82 -15.91	3.22 2.82 3.50 3.43 2.57	3.43 2.57	A 296.0	8.79														
01491+6647	1	F CC	A 8458 B 8458	9.852 0.417 10.398 0.690				27.269 692 76 27.269 613 26	+66.785 145 99 +66.785 173 96	5.33 5.33	16.49 -13.72 16.49 -13.72	29.29 6.75 1.31 39.75 57.11 1.31	1.07 0.91 1.07 0.91	A 312	0.15														
01491-8821	1	F CA	A 8469 B 8469	8.043 0.004 10.873 0.055	8.034 0.008 10.943 0.069	8.006 0.009 10.540 0.079		27.297 502 72 27.258 185 08	-88.357 446 89 -88.359 069 22	3.10 3.10	18.56 9.27 18.56 9.27	0.81 0.82 0.85 11.78 11.82 0.85	0.84 0.90 0.84 0.90	A 214.8	7.11														
01492+3404	1	F CA	A 8468 B 8468	9.605 0.010 9.988 0.014	10.058 0.045 10.405 0.055	9.566 0.043 9.975 0.059		27.295 067 27 27.298 361 39	+34.060 010 33 +34.059 747 73	7.82 7.82	0.82 -21.32 0.82 -21.32	2.75 2.43 3.19 5.45 4.31 3.19	3.32 2.97 3.32 2.97	A 95.50	9.87														
01493+4754	1	L CA	A 8475 B 8475	6.490 0.004 7.312 0.007	6.571 0.007 7.396 0.012	6.428 0.007 7.126 0.010		27.314 839 54 27.314 518 13	+47.896 951 75 +47.896 444 46	9.84 9.84	-20.22 -11.46 -15.40 -9.11	0.97 0.75 1.05 2.40 2.08 1.05	0.76 0.63 1.92 1.49	A 203.0	1.984	-0.1	-0.004												
01493+5353	1	I CA	A 8483 B 8483	9.150 0.007 11.759 0.068	9.010 0.013	9.159 0.018		27.337 924 64 27.333 262 61	+53.874 979 81 +53.876 657 20	-0.46 5.99	0.92 -4.46 -5.25 6.61	1.50 1.93 2.12 18.70 24.17 13.73	1.90 1.94 12.16 11.51	A 301.4	11.59	0.0	+0.01												
01495+2842	1	IND D	A 8496 B 8495	8.801 0.020 10.815 0.094	9.774 0.024 11.118 0.069	8.728 0.017 10.511 0.065		27.382 555 41 27.378 635 16	+28.693 203 65 +28.698 886 28	7.30 15.68	-34.30 -19.22 8.85 0.08	2.35 1.56 2.04 33.77 22.40 20.00	2.29 1.67 24.14 16.70	A 328.8	23.91	+0.1	-0.01												
01497-1022	1	F CA	A 8509 B 8509	9.181 0.157 9.321 0.178				27.430 865 57 27.430 848 00	-10.374 076 99 -10.374 122 90	7.44 7.44	-31.31 -36.32 -31.31 -36.32	8.33 13.24 1.24 8.97 13.95 1.24	1.20 1.15 1.20 1.15	A 201	0.18														
01497-1414	1	F CA	B 8504 A 8504	9.010 0.249 9.180 0.292				27.417 671 92 27.417 623 72	-14.232 445 64 -14.232 478 48	10.79 10.79	72.23 -60.18 72.23 -60.18	24.22 16.52 1.50 24.20 16.26 1.50	1.55 1.27 1.55 1.27	B 235	0.21														
01497-4236	1	F CA	A 8511 B 8511	9.408 0.026 11.218 0.137				27.436 581 15 27.436 527 00	-42.597 270 42 -42.597 180 98	5.56 5.56	5.25 -34.41 5.25 -34.41	3.63 5.58 3.66 16.63 18.17 3.66	2.67 2.93 2.67 2.93	A 336	0.35														
01498+6048	1	F CB	A 8513 B 8513	11.364 0.276 11.582 0.337				27.450 270 55 27.450 222 58	+60.793 582 87 +60.793 539 76	2.57 2.57	-0.21 -5.83 -0.21 -5.83	9.52 22.33 1.71 21.73 29.91 1.71	1.45 1.56 1.45 1.56	A 208	0.18														
01499+8053	1	L CA	B 8519 A 8519	7.713 0.005 7.995 0.006				27.471 354 74 27.470 539 36	+80.886 447 46 +80.886 470 02	5.11 5.11	-17.55 -0.58 -19.54 4.87	1.32 1.29 1.12 2.09 2.55 1.12	1.04 0.99 1.31 1.71	B 279.9	0.472	+0.6	+0.003												
01500+6209	1	F CA	A 8529 B 8529	8.434 0.035 10.314 0.195				27.497 434 95 27.497 325 52	+62.150 998 94 +62.151 047 85	4.95 4.95	-6.22 0.38 -6.22 0.38	3.53 3.47 1.26 15.75 19.17 1.26	0.84 1.13 0.84 1.13	A 314	0.25														
01500+7456	1	F CA	A 8533 B 8533	10.010 0.041 10.721 0.079				27.504 811 52 27.504 945 73	+74.933 384 26 +74.933 317 52	10.77 10.77	193.51 -37.21 193.51 -37.21	3.80 5.49 1.25 7.70 9.30 1.25	1.12 1.15 1.12 1.15	A 152	0.27														
01500-3850	1	F CB	A 8534 B 8534	8.342 0.005 11.931 0.145	8.774 0.009	8.265 0.009		27.506 047 51 27.505 425 65	-38.830 682 15 -38.829 617 33	9.41 9.41	-90.55 -58.70 -90.55 -58.70	0.94 1.18 1.53 37.66 36.41 1.53	1.00 1.08 1.00 1.08	A 335.5	4.21														
01501+2217	1	F CA	A 8544 B 8544	6.395 0.003 7.199 0.007	7.627 0.009 7.379 0.008	6.349 0.005 7.150 0.010		27.535 751 13 27.535 976 57	+22.275 356 60 +22.274 586 37	5.68 5.68	-14.32 -7.55 -14.32 -7.55	1.09 0.82 1.09 3.06 2.14 1.09	1.33 0.89 1.33 0.89	A 164.8	2.873														
01502+2702	1	L CA	A 8545 B 8545	8.629 0.003 9.621 0.008				27.548 622 03 27.548 706 64	+27.033 062 05 +27.032 898 61	5.80 5.80	56.47 -38.12 55.99 -33.64	1.51 1.13 1.47 3.80 2.52 1.47	1.34 1.04 2.43 1.78	A 155.2	0.648	-0.1	-0.004												
01502-6101	1	F CC	A 8546 B 8546	10.026 0.011 12.823 0.143	10.384 0.029	9.938 0.030		27.557 830 30 27.558 889 44	-61.013 969 19 -61.014 108 79	2.62 2.62	-1.94 2.07 -1.94 2.07	1.69 1.81 1.87 34.39 33.27 1.87	1.71 2.13 1.71 2.13	A 105	1.91														
01503-8714	1	F CA	A 8550 B 8550	9.822 0.146 10.461 0.262				27.569 998 50 27.570 576 09	-87.228 419 96 -87.228 455 81	6.94 6.94	-26.90 -23.58 -26.90 -23.58	7.67 11.04 0.89 12.90 15.65 0.89	0.85 1.01 0.85 1.01	A 142	0.16														
01506-0457	1	F CA P	A 8579 B 8579	9.207 0.012 11.427 0.072	9.569 0.024	9.119 0.024		27.655 377 91 27.655 969 39	-4.954 237 09 -4.955 650 27	5.25 5.25	19.83 24.90 19.83 24.90	2.23 1.63 2.29 22.80 13.91 2.29	2.38 1.62 2.38 1.62	A 157.4	5.51														
01508+4024	1	F CA	A 8584 B 8584	8.950 0.023 11.878 0.336				27.701 034 12 27.701 102 07	+40.398 504 36 +40.398 584 53	4.00 4.00	2.78 -10.20 2.78 -10.20	3.95 4.72 1.85 37.36 22.95 1.85	1.84 1.36 1.84 1.36	A 33	0.34														
01509+5236	1	F CC	A 8594 B 8594	9.135 0.445 10.171 1.157				27.733 090 20 27.733 023 79	+52.607 709 13 +52.607 702 05	3.36 3.36	18.25 -10.54 18.25 -10.54	43.53 7.70 1.10 43.20 15.42 1.10	1.00 0.84 1.00 0.84	A 260	0.15														
01510+2551	1	F CA	A 8600 B 8600	8.411 0.011 9.754 0.039				27.743 804 73 27.743 801 04	+25.851 349 89 +25.851 269 27	4.76 4.76	5.21 -10.68 5.21 -10.68	2.33 2.01 1.34 8.31 5.91 1.34	1.73 1.20 1.73 1.20	A 182	0.290														
01511+0644	1	F CA	A 8617 B 8617	9.164 0.007 11.804 0.079				27.785 426 89 27.785 470 19	+6.725 143 86 +6.725 275 69	5.31 5.31	-12.27 -16.33 -12.27 -16.33	1.91 2.18 2.04 27.26 14.72 2.04	2.16 2.18 2.16 2.18	A 18	0.50														
01511+2107	1	IND D	A 8608 B 8607	9.062 0.013 9.410 0.016	9.337 0.019 9.870 0.026	8.939 0.019 9.263 0.024		27.758 146 78 27.757 868 66	+21.115 577 59 +21.122 712 94	0.87 7.88	61.58 -28.95 84.47 70.61	3.17 2.13 2.75 11.31 14.13 5.47	3.71 2.45 9.60 11.41	A 357.92	25.70	+0.06	+0.10												
01511-7832	1	F CC	A 8616 B 8616	9.090 0.167 10.639 0.694				27.783 674 95 27.783 829 95	-78.529 908 29 -78.529 873 84	1.30 1.30	-0.51 -7.22 -0.51 -7.22	4.67 12.72 0.77 53.76 31.04 0.77	0.82 0.90 0.82 0.90	A 42	0.17														



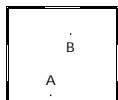
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
01512+2439	1	LCA	B A	8622 8622	7.821 8.218	0.073 0.105						27.805 563 55 27.805 583 69	+24.652 230 79 +24.652 193 18	8.04 8.04	-3.52 -3.03	-17.13 -29.36	3.75 5.02	5.58 6.99	0.94 0.94	3.00 4.06	1.86 2.50	B 154	0.151	+2	+0.011	
01513+6021	1	FCA	A B	8629 8629	8.658 8.934	0.009 0.012						27.830 472 07 27.830 316 33	+60.353 627 87 +60.353 530 92	3.09 3.09	7.14 7.14	-4.70 -4.70	1.95 3.43	1.97 3.07	2.04 2.04	1.80 1.80	1.89 1.89	A 218	0.446			
01513-3801	1	FCB	A B	8631 8631	11.837 13.085	0.023 0.072						27.833 990 13 27.833 238 52	-38.009 988 42 -38.008 110 45	21.97 21.97	140.61 140.61	198.05 198.05	4.42 23.02	4.51 28.16	5.74 5.74	4.34 4.34	3.66 3.66	A 342.5	7.09			
01514+4329	1	INB	A B	8637 8635	8.494 9.283	0.007 0.011	8.427 9.278	0.010 0.020	8.442 9.156	0.012 0.026		27.846 873 31 27.837 833 46	+43.476 484 59 +43.481 238 70	0.73 2.76	3.74 5.24	-4.65 -3.82	1.87 5.12	1.41 3.38	1.80 3.22	1.79 3.27	1.24 2.05	A 305.94	29.164	0.00	-0.001	
01515+4117	1	FCC	A B	8644 8644	10.835 13.642	0.015 0.190	11.419	0.076	10.736	0.066		27.862 814 12 27.862 368 11	+41.291 203 77 +41.291 180 86	3.68 3.68	19.47 19.47	-34.42 -34.42	2.86 63.29	1.99 43.38	3.10 3.10	2.34 2.34	2.04 2.04	A 266	1.21			
01516+4705	1	FCB	A B	8663 8663	7.643 11.303	0.004 0.116	8.595	0.011	7.561	0.008		27.905 631 50 27.906 509 33	+47.086 670 89 +47.086 809 25	7.94 7.94	-65.47 -65.47	0.22 0.22	1.25 52.82	0.88 39.78	1.35 1.35	1.37 1.37	0.81 0.81	A 77	2.21			
01517+4549	1	ICA	A B	8678 8679	9.393 9.810	0.024 0.028	9.526 9.860	0.020 0.025	9.353 9.638	0.024 0.028		27.922 356 62 27.923 365 23	+45.810 614 32 +45.806 238 86	12.96 15.16	18.51 10.18	-8.02 -7.99	5.79 15.56	4.06 10.03	5.37 7.20	5.14 11.26	3.78 7.34	A 170.87	15.95	+0.03	0.00	
01518-5458	1	FCA	A B	8687 8687	11.922 12.999	0.024 0.064						27.941 418 38 27.940 673 99	-54.965 813 72 -54.966 328 19	20.13 20.13	279.27 279.27	-13.32 -13.32	4.96 23.33	5.70 33.18	5.96 5.96	5.50 5.50	5.78 5.78	A 220	2.41			
01519-3120	1	FFD	A B	8698 8698	9.199 10.564	0.075 0.263	8.291	0.013	7.997	0.015		27.975 494 20 27.975 466 41	-31.333 535 56 -31.333 489 35	-0.10 -0.10	5.67 5.67	-3.11 -3.11	7.44 20.97	11.48 26.85	1.15 1.15	1.22 1.22	0.80 0.80	A 333	0.19			
01520+1049	1	FND	A B	8708 8708	8.202 8.217	0.005 0.005	8.291	0.013	7.997	0.015		28.010 594 73 28.010 937 82	+10.810 588 06 +10.811 367 12	7.92 7.92	9.61 9.61	-11.66 -11.66	2.43 1.71	1.75 1.47	1.74 1.74	1.85 1.85	1.89 1.89	B 23.4	3.056			
01520+1326	1	FCA	A B	8703 8703	9.463 9.865	0.186 0.270						27.989 982 48 27.990 026 36	+13.427 223 36 +13.427 212 78	3.94 3.94	13.66 13.66	8.41 8.41	16.02 21.53	20.10 28.68	1.08 1.08	1.07 1.07	0.89 0.89	A 104	0.16			
01520+5222	1	FCB	A B	8705 8705	8.093 11.193	0.006 0.105	8.046	0.008	8.067	0.010		27.998 914 88 27.998 430 59	+52.358 951 30 +52.358 389 09	2.95 2.95	5.91 5.91	-6.21 -6.21	0.98 21.49	0.90 23.19	1.26 1.26	1.08 1.08	0.95 0.95	A 208	2.29			
01522-2745	1	FCA	A B	8723 8723	8.618 10.484	0.006 0.033	8.971	0.012	8.492	0.012		28.056 137 88 28.056 074 64	-27.755 943 36 -27.755 518 06	9.63 9.63	47.96 47.96	10.65 10.65	1.21 7.17	1.05 9.67	1.52 1.52	1.43 1.43	1.08 1.08	A 352.5	1.54			
01523-0944	1	FCA	A B	8729 8729	8.633 10.817	0.007 0.048	8.961	0.013	8.574	0.013		28.065 989 32 28.064 868 71	-9.730 313 20 -9.731 006 71	6.85 6.85	-9.06 -9.06	-8.74 -8.74	1.40 14.25	1.47 12.45	1.79 1.79	1.56 1.56	1.64 1.64	A 237.9	4.69			
01528+6028	1	FCA	A B	8772 8772	10.417 11.360	0.097 0.231						28.212 084 25 28.212 050 11	+60.466 248 90 +60.466 189 57	-1.16 -1.16	0.15 0.15	-2.18 -2.18	8.28 25.70	8.15 25.42	2.37 2.37	2.10 2.10	1.83 1.83	A 196	0.22			
01531-1644	1	FCA	A B	8801 8801	8.803 9.723	0.013 0.030	9.598	0.038	8.555	0.025		28.283 552 50 28.282 981 72	-16.732 686 30 -16.733 161 51	4.84 4.84	-7.07 -7.07	-48.54 -48.54	1.82 7.61	1.72 6.30	2.03 2.03	1.94 1.94	1.77 1.77	A 229.0	2.61			
01531-1724	1	FCB	A B	8803 8803	9.494 12.505	0.111 0.169						28.285 334 78 28.285 541 19	-17.392 388 07 -17.392 489 80	6.92 6.92	-31.97 -31.97	-146.38 -146.38	2.17 57.77	2.01 52.74	2.51 2.51	2.69 2.69	2.37 2.37	A 117	0.80			
01532+1526	1	FCA	A B	8810 8810	8.809 9.067	0.006 0.008						28.309 384 77 28.309 061 50	+15.433 402 74 +15.433 327 17	10.76 10.76	-13.47 -13.47	14.32 14.32	2.38 3.74	2.59 3.80	2.31 2.31	3.02 3.02	3.25 3.25	A 256.4	1.154			
01532+3719	1	FCA	A B	8805 8805	7.603 8.307	0.005 0.010	7.909 8.697	0.021 0.038	7.506 8.141	0.019 0.037		28.294 714 66 28.295 133 74	+37.321 301 46 +37.320 376 18	11.75 11.75	-11.14 -11.14	-61.38 -61.38	1.12 3.15	0.89 2.00	1.13 1.13	1.21 1.21	1.00 1.00	A 160.2	3.540			
01534+6411	1	FCA	A B	8822 8822	9.573 12.000	0.013 0.120						28.353 223 19 28.352 983 63	+64.189 472 60 +64.189 459 14	0.87 0.87	-2.33 -2.33	0.86 0.86	2.64 23.87	2.20 24.00	2.47 2.47	1.85 1.85	2.03 2.03	A 263	0.38			
01534+7003	1	FCA	A B	8821 8821	9.160 11.164	0.011 0.046	9.542 11.512	0.015 0.095	9.041 10.641	0.015 0.071		28.347 511 08 28.350 519 94	+70.042 611 31 +70.041 524 61	4.86 4.86	19.44 19.44	4.32 4.32	1.23 9.85	1.25 9.62	1.56 1.56	1.33 1.33	1.28 1.28	A 136.6	5.38			
01536+1918	1	LCA	A B	8832 8832	4.584 4.638	0.005 0.006	4.608	0.002	4.632	0.003		28.382 355 06 28.382 375 17	+19.294 092 64 +19.296 205 30	15.96 15.96	79.43 82.48	-99.10 -106.92	1.04 2.37	0.71 1.96	0.85 0.85	1.06 1.53	0.65 1.03	A 0.51	7.606	+0.02	-0.008	
01538-6921	1	FCC	A B	8849 8849	9.682 12.838	0.029 0.525						28.458 961 79 28.459 145 71	-69.349 865 27 -69.349 807 87	1.89 1.89	-18.75 -18.75	-9.41 -9.41	5.23 69.10	5.29 62.47	1.24 1.24	1.64 1.64	1.58 1.58	A 48	0.31			
01541-7729	1	FCA	A B	8866 8866	7.546 8.246	0.136 0.260						28.525 204 95 28.525 337 32	-77.491 255 79 -77.491 273 38	6.62 6.62	10.97 10.97	34.93 34.93	7.29 11.85	4.99 9.43	0.55 0.55	0.48 0.48	0.58 0.58	A 122	0.12			
01545+5954	1	FFD	A B	8895 8895	8.398 10.503	0.037 0.241	8.504 10.686	0.011 0.053	8.339 10.309	0.013 0.060		28.632 438 56 28.627 613 63	+59.893 702 23 +59.889 790 31	3.86 3.86	-0.61 -0.61	-4.89 -4.89	2.21 31.75	2.20 34.09	2.85 2.85	2.83 2.83	2.35 2.35	A 211.7	16.56			
01546+4906	1	FCB	A B	8901 8901	9.166 10.862	0.180 0.860						28.657 406 73 28.657 472 45	+49.092 375 31 +49.092 386 18	0.18 0.18	-17.29 -17.29	1.32 1.32	11.25 71.85	2.43 31.90	1.08 1.08	0.89 0.89	0.64 0.64	A 76	0.16			
01547+3812	1	ICB	A B	8906 8909	9.059 10.497	0.005 0.012	10.114 10.893	0.027 0.059	8.960 10.299	0.017 0.056		28.665 191 03 28.673 029 78	+38.196 000 93 +38.191 719 48	5.75 4.93	7.62 15.41	-12.97 -10.11	2.26 5.80	1.83 4.82	2.28 4.43	2.36 4.80	2.22 4.69	A 124.80	27.008	-0.01	+0.005	



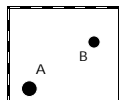
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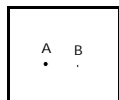
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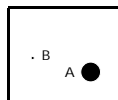
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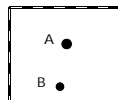
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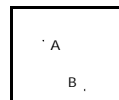
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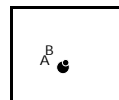
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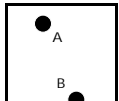
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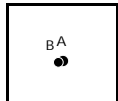
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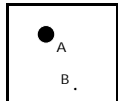
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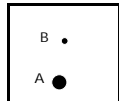
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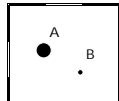
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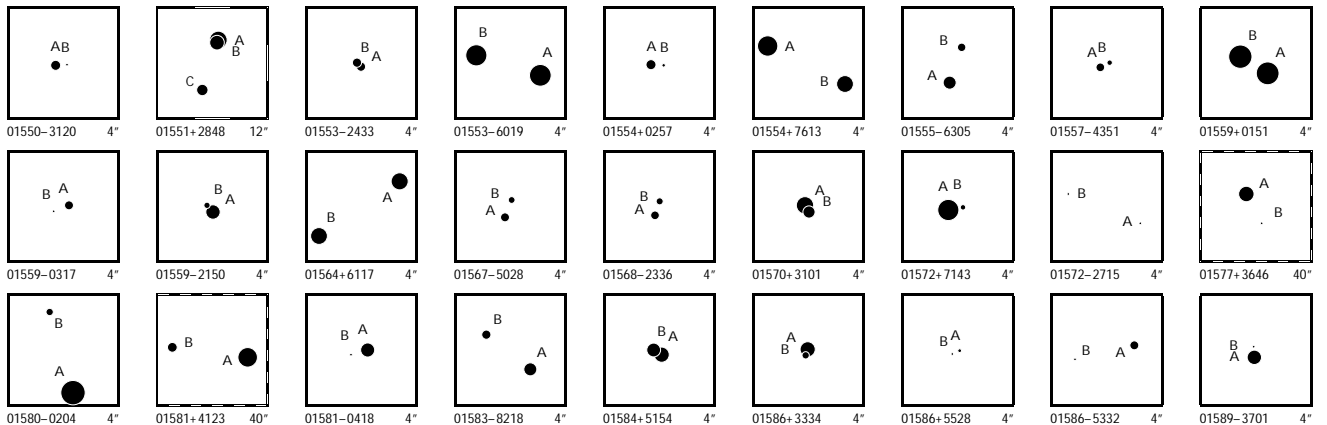


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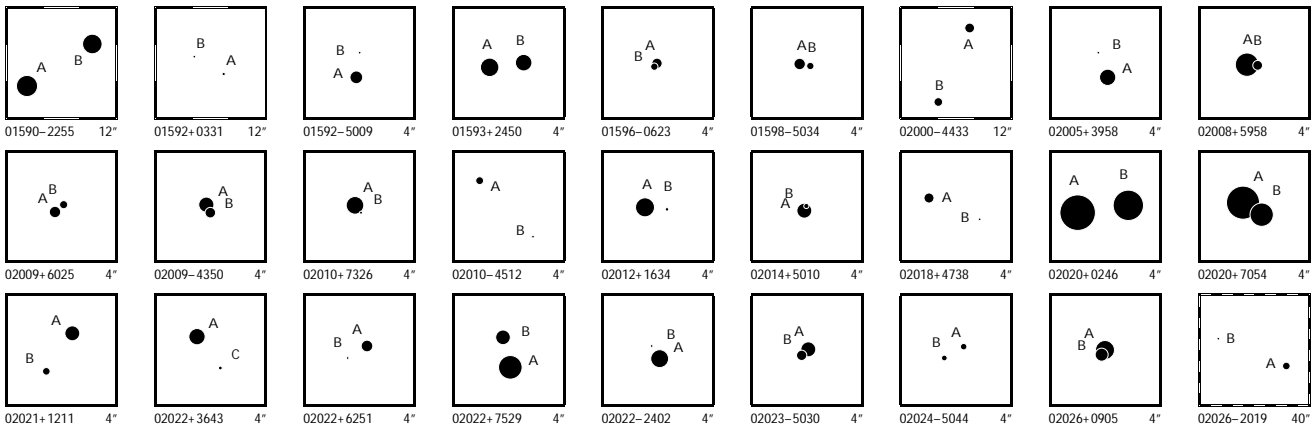


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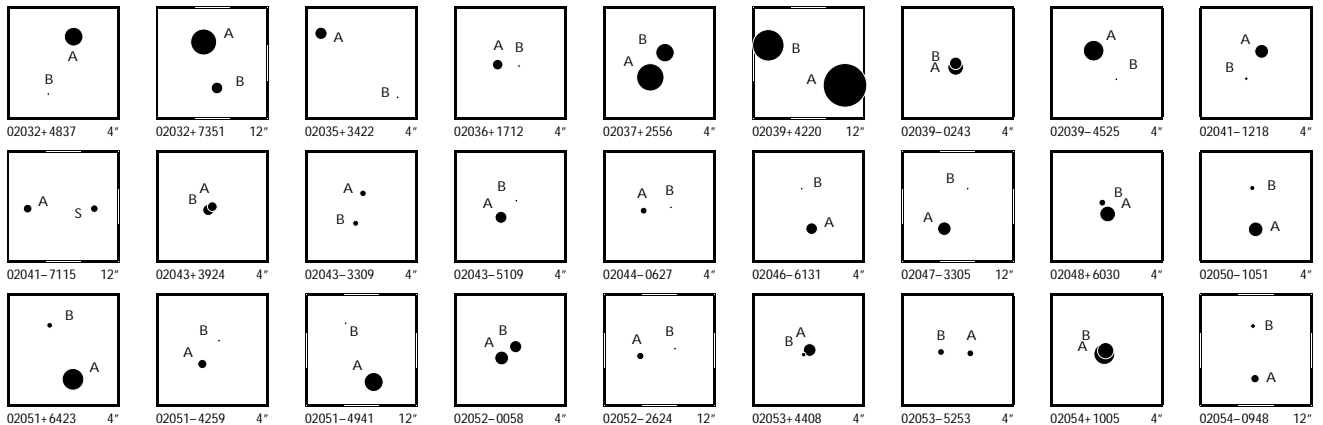
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1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
01550-3120	1	F	C	A 8933 B 8933	9.793 12.844	0.014 0.230					28.744 479 20 28.744 353 86	-31.329 917 63 -31.329 913 65	6.01 6.01	-16.64 -16.64	-20.80 -20.80	2.98 2.21 2.43 41.43 46.66 2.43	2.18 1.70 2.18 1.70					A 272	0.39		
01551+2848	1	F	N	B	A 8938 B 8938 C 8938	8.098 0.015 8.778 0.031 9.453 0.030		9.747 0.032	9.256 0.032		28.780 789 97 28.780 815 62 28.781 332 33	+28.797 952 22 +28.797 866 88 +28.796 422 97	7.27 7.27 7.27	29.38 29.38 29.38	-37.66 -37.66 -37.66	1.83 1.77 1.89 4.24 4.06 1.89 7.71 4.83 1.89	1.56 1.28 1.56 1.28 1.56 1.28				A 165 A 162.7	0.318 5.765			
01553-2433	1	F	C	A	8955 8955	9.973 0.115 9.986 0.117					28.829 236 03 28.829 284 53	-24.558 259 82 -24.558 220 55	2.64 2.64	0.51 0.51	4.63 4.63	12.36 8.41 1.68 11.17 7.96 1.68	1.53 1.15 1.53 1.15				A 48	0.21			
01553-6019	1	L	C	A	8957 8957	7.214 0.005 7.339 0.006	7.535 0.009 7.677 0.009	7.124 0.009 7.249 0.008			28.832 061 22 28.833 372 79	-60.312 385 93 -60.312 183 75	18.23 18.23	-45.78 -42.92	-40.39 -50.37	0.94 1.05 0.93 2.01 1.71 0.93	0.80 0.96 1.80 1.55				A 72.71	2.449 +0.24	0.000		
01554+0257	1	F	C	A	8958 8958	9.769 0.020 11.225 0.074					28.841 749 94 28.841 618 89	+2.956 818 03 +2.956 811 73	23.17 23.17	-7.77 -7.77	-55.38 -55.38	4.37 2.73 3.02 19.53 16.39 3.02	3.50 2.25 3.50 2.25				A 267	0.47			
01554+7613	1	F	C	A	8962 8962	7.499 0.003 8.263 0.006	7.832 0.009 8.535 0.038	7.399 0.012 8.116 0.038			28.864 013 62 28.860 689 01	+76.224 551 63 +76.224 158 00	5.82 5.82	-18.24 -18.24	3.39 3.39	0.82 0.85 0.96 2.39 2.64 0.96	0.83 0.83 0.83 0.89				A 243.6	3.183			
01555-6305	1	F	C	A	8965 8965	9.098 0.007 10.112 0.017		9.117 0.012	8.863 0.014		28.867 901 35 28.867 644 56	-63.077 242 35 -63.076 878 46	3.85 3.85	2.64 2.64	12.56 12.56	1.39 1.54 1.49 4.65 6.38 1.49	1.67 1.50 1.67 1.50				A 342.3	1.38			
01557-4351	1	F	C	A	8975 8975	10.064 0.018 10.793 0.035					28.922 543 06 28.922 408 52	-43.850 808 43 -43.850 758 65	6.82 6.82	31.05 31.05	-21.35 -21.35	2.81 2.77 2.96 6.92 7.49 2.96	2.34 2.09 2.34 2.09				A 297	0.39			
01559+0151	1	L	C	A	8998 8998	6.844 0.005 6.936 0.005					28.973 914 11 28.973 638 66	+1.849 519 01 +1.849 350 11	25.71 25.71	158.44 168.94	190.44 205.05	2.18 1.71 1.73 2.32 1.89 1.73	1.82 1.40 2.24 1.66				B 238.5	1.163 +0.3	-0.017		
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01559-2150	1	L	C	A	9006 9006	8.792 0.021 10.598 0.111					28.986 432 30 28.986 504 48	-21.825 417 99 -21.825 348 94	6.98 6.98	9.95 -10.35	-21.60 -35.73	4.77 4.02 3.27 18.49 11.21 3.27	3.21 2.20 12.07 6.26				A 44	0.35 -1	-0.02		
01564+6117	1	F	C	A	9037 9037	8.236 0.006 8.272 0.006					29.098 162 08 29.099 887 77	+61.281 117 43 +61.280 556 00	0.99 0.99	7.52 7.52	-16.09 -16.09	1.64 1.73 2.18 3.25 3.11 2.18	1.85 1.87 1.85 1.87				A 124.10	3.605			
01567-5028	1	F	C	A	9066 9066	10.017 0.006 10.507 0.009					29.178 187 62 29.178 084 07	-50.471 436 78 -50.471 254 15	5.16 5.16	-42.45 -42.45	-13.84 -13.84	1.79 2.51 2.14 3.88 4.37 2.14	2.15 2.57 2.15 2.57				A 340.2	0.699			
01568-2336	1	F	C	A	9071 9071	10.056 0.012 10.463 0.017					29.192 743 95 29.192 693 29	-23.603 074 54 -23.602 931 92	5.20 5.20	20.22 20.22	0.22 0.22	3.47 3.50 4.03 6.80 5.48 4.03	3.79 3.60 3.79 3.60				A 342	0.540			
01570+3101	1	F	C	A	9087 9087	8.164 0.023 9.304 0.067					29.255 569 66 29.255 520 05	+31.022 905 99 +31.022 844 88	11.47 11.47	31.41 31.41	-81.24 -81.24	7.56 3.67 1.78 22.45 8.87 1.78	1.52 1.38 1.52 1.38				A 215	0.27			
01572+7143	1	F	C	A	9097 9097	7.299 0.003 10.781 0.076					29.296 097 05 29.295 642 62	+71.724 972 88 +71.725 008 59	4.91 4.91	3.91 3.91	-12.26 -12.26	0.79 0.71 0.78 15.41 22.21 0.78	0.73 0.71 0.73 0.71				A 284	0.53			
01572-2715	1	F	C	A	9102 9102	11.395 0.017 11.567 0.019	12.100 0.161	11.365 0.123			29.306 201 11 29.307 028 86	-27.251 043 39 -27.250 749 56	5.76 5.76	11.44 11.44	-38.73 -38.73	4.19 5.38 6.87 11.09 12.85 6.87	5.01 5.03 5.01 5.03				A 68.2	2.85			
01577+3646	1	F	C	A	9126 9126	8.587 0.009 11.498 0.131	8.903 0.013	8.523 0.013			29.415 870 06 29.413 896 52	+36.770 350 33 +36.767 395 28	8.40 8.40	-16.44 -16.44	-3.24 -3.24	1.52 1.13 1.63 32.60 23.61 1.63	1.71 1.42 1.71 1.42				A 208.1	12.06			
01580-0204	1	F	C	A	9165 9165	6.608 0.003 10.363 0.078	6.747 0.004	6.567 0.005			29.497 451 59 29.497 692 83	-2.059 501 08 -2.058 677 27	6.64 6.64	36.61 36.61	8.78 8.78	0.89 0.66 0.94 26.58 16.04 0.94	0.86 0.60 0.86 0.60				A 16.3	3.09			
01581+4123	1	I	N	D	A	9172 9176	7.706 0.008 9.820 0.038	8.374 0.010 11.416 0.080	7.654 0.010 9.737 0.030		29.519 206 67 29.529 524 89	+41.385 982 03 +41.387 019 42	31.98 9.58	-40.05 12.50	25.67 -8.58	1.77 1.43 1.71 12.51 9.81 8.45	1.73 1.65 8.76 8.55				A 82.36	28.12 +0.08	+0.05		
01581-0418	1	F	C	B	A	9177 9177	8.883 0.006 12.161 0.102				29.529 284 68 29.529 455 99	-4.301 831 07 -4.301 879 10	5.04 5.04	5.79 5.79	6.47 6.47	1.82 1.35 2.00 42.45 36.98 2.00	1.89 1.38 1.89 1.38				A 106	0.64			
01583-8218	1	F	C	A	9191 9191	9.136 0.006 9.950 0.012	9.646 0.021	8.961 0.020	9.520 0.033		29.586 574 37 29.589 910 99	-82.294 080 96 -82.293 727 39	16.89 16.89	-66.37 -66.37	14.63 14.63	1.27 1.54 1.41 3.83 3.87 1.41	1.38 1.80 1.38 1.80				A 51.7	2.053			
01584+5154	1	F	C	A	9203 9203	8.643 0.014 8.967 0.019					29.604 681 23 29.604 820 88	+51.893 701 56 +51.893 749 88	3.76 3.76	-8.25 -8.25	-10.42 -10.42	2.35 1.65 1.92 3.50 2.63 1.92	1.55 1.27 1.55 1.27				A 61	0.356			
01586+3334	1	F	C	A	9223 9223	8.652 0.037 10.387 0.182					29.641 597 22 29.641 627 09	+33.560 856 37 +33.560 796 32	2.64 2.64	18.07 18.07	-9.94 -9.94	3.41 4.62 1.39 14.72 16.77 1.39	1.60 1.20 1.60 1.20				A 157	0.23			
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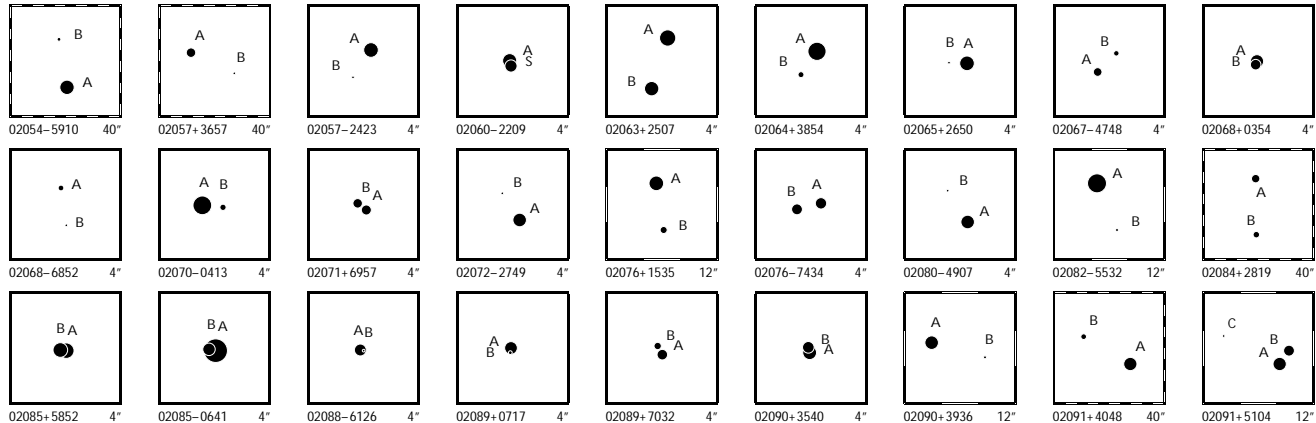
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1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
01590-2255	1	F C B	A B	9258 9258	7.322 0.018 7.678 0.021	7.689 0.021 8.181 0.011	7.255 0.022 7.594 0.009	29.752 749 82 29.750 578 71	-22.919 879 80 -22.918 592 93	4.63 4.63	96.49 96.49	31.03 31.03	2.36 5.06	1.55 3.16	2.36 2.36	2.09 2.09	1.66 1.66	A	302.76	8.56						
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02005+3958	1	F N D	A B	9378 9378	8.425 0.007 12.273 0.250			30.126 711 35 30.126 843 82	+39.967 011 57 +39.967 262 83	2.90 2.90	-3.29 -3.29	-8.87 -8.87	1.42 71.28	0.99 42.92	1.43 1.43	1.69 1.69	1.22 1.22	A	22	0.98						
02008+5958	1	F C B	A B	9403 9403	6.867 0.008 9.820 0.116			30.201 804 03 30.201 592 47	+59.959 395 66 +59.959 390 17	10.94 10.94	40.18 40.18	-24.92 -24.92	1.10 18.12	0.90 15.77	1.07 1.07	1.06 1.06	0.83 0.83	A	267	0.38						
02009+6025	1	F C A	A B	9411 9411	9.466 0.016 10.210 0.032			30.224 897 96 30.224 716 58	+60.421 623 67 +60.421 697 73	1.78 1.78	-7.73 -7.73	-0.87 -0.87	2.72 7.21	2.45 6.84	2.76 2.76	2.77 2.77	2.15 2.15	A	310	0.42						
02009-4350	1	L C A	A B	9408 9408	8.627 0.017 9.639 0.043			30.220 482 70 30.220 420 56	-43.830 936 26 -43.831 017 55	11.86 11.86	-12.12 -26.34	-48.50 -57.78	2.15 6.21	2.84 6.93	1.23 1.23	1.30 3.19	1.09 2.57	A	209	0.334	+1	+0.015				
02010+7326	1	F C B	A B	9419 9419	8.079 0.009 11.366 0.177			30.254 326 49 30.254 093 43	+73.426 460 29 +73.426 387 65	6.99 6.99	47.50 47.50	-38.48 -38.48	1.72 37.53	1.89 36.41	1.21 1.21	1.04 1.04	1.04 1.04	A	222	0.35						
02010-4512	1	F C A	A B	9416 9416	10.240 0.012 12.463 0.084	11.310 0.066	10.184 0.037	30.247 437 91 30.246 663 89	-45.195 281 05 -45.195 859 83	4.77 4.77	37.44 37.44	8.37 8.37	1.92 23.90	2.05 21.55	2.37 2.37	2.01 2.01	2.10 2.10	A	223.3	2.86						
02012+1634	1	F C B	A B	9434 9434	7.780 0.005 11.232 0.108			30.290 729 15 30.290 493 56	+16.565 207 06 +16.565 185 63	13.30 13.30	-42.99 -42.99	-25.65 -25.65	1.35 33.05	1.06 38.49	1.50 1.50	1.66 1.66	1.26 1.26	A	265	0.82						
02014+5010	1	F F D	A B	9445 9445	8.709 0.050 10.839 0.355			30.346 033 40 30.345 995 50	+50.170 847 95 +50.170 898 85	3.25 3.25	5.65 5.65	1.02 1.02	4.35 12.59	8.34 13.37	1.17 1.17	1.15 1.15	0.72 0.72	A	335	0.20						
02018+4738	1	F C A	A B	9462 9462	9.808 0.008 12.758 0.117	9.963 0.025	9.664 0.027	30.445 239 66 30.444 474 51	+47.631 671 93 +47.631 455 67	-0.69 -0.69	-2.03 -2.03	-4.11 -4.11	1.56 27.82	1.10 21.84	1.79 1.79	1.38 1.38	1.18 1.18	A	247	2.01						
02020+0246	1	L C A	A B	9487 9487	4.161 0.003 5.274 0.008	4.088 0.010	4.102 0.011	30.511 669 29 30.511 153 44	+2.763 760 48 +2.763 837 90	23.45 23.45	33.29 35.40	-0.42 -19.63	1.03 2.62	0.88 2.62	1.06 1.06	1.34 1.90	0.99 1.61	A	278.5	1.876	-0.6	-0.005				
02020+7054	1	L C A	A B	9480 9480	4.693 0.002 6.823 0.011			30.489 790 79 30.489 208 45	+70.907 046 05 +70.906 917 37	27.91 27.91	-54.46 -81.17	-10.69 22.72	0.45 3.23	0.51 3.63	0.56 0.56	0.49 1.97	0.52 1.89	A	236.0	0.828	+3.0	+0.003				
02021+1211	1	F C A	A B	9490 9490	8.707 0.007 10.327 0.031	9.108 0.011	8.583 0.013	30.524 761 12 30.525 037 03	+12.181 338 39 +12.180 954 35	2.58 2.58	-1.00 -1.00	-12.98 -12.98	1.88 11.12	1.58 7.73	2.22 2.22	2.63 2.63	1.99 1.99	A	144.9	1.69						
02022+3643	1	F N D	A B	9500 9500	8.387 0.008 11.188 0.102	9.195 0.019	8.268 0.014	30.553 442 26 30.553 155 22	+36.717 122 73 +36.716 802 17	16.29 16.29	138.50 138.50	-55.49 -55.49	1.58 22.01	1.29 14.97	1.62 1.62	1.64 1.64	1.52 1.52	A	216	1.42						
02022+6251	1	F C A	A B	9498 9498	9.391 0.007 11.732 0.054			30.547 681 13 30.548 106 29	+62.841 963 99 +62.841 838 63	1.70 1.70	-0.68 -0.68	0.63 0.63	1.23 10.93	1.53 17.31	2.25 2.25	1.39 1.39	1.57 1.57	A	123	0.83						
02022+7529	1	F C A	A B	9494 9494	6.775 0.003 8.739 0.019	6.604 0.005	6.657 0.008	30.538 621 87 30.538 887 97	+75.502 190 29 +75.502 502 87	5.18 5.18	17.38 17.38	-9.78 -9.78	0.70 4.78	0.74 6.57	0.82 0.82	0.74 0.74	0.77 0.77	A	12.0	1.15						
02022-2402	1	F C C	A B	9497 9497	8.012 0.006 11.699 0.167			30.546 874 81 30.546 957 09	-24.039 950 94 -24.039 810 93	15.71 15.71	100.03 100.03	33.36 33.36	1.81 72.28	1.45 43.67	1.87 1.87	1.57 1.57	1.17 1.17	A	28	0.57						
02023-5030	1	F C A	A B	9503 9503	8.710 0.028 9.729 0.071			30.568 414 46 30.568 526 69	-50.492 568 54 -50.492 623 66	5.79 5.79	65.55 65.55	22.80 22.80	4.12 6.98	3.44 6.56	1.05 1.05	0.96 0.96	0.93 0.93	A	128	0.32						
02024-5044	1	F C A	A B	9512 9512	10.580 0.010 10.752 0.012			30.591 286 09 30.591 603 16	-50.739 703 41 -50.739 811 80	7.85 7.85	35.23 35.23	38.11 38.11	3.29 4.93	3.11 5.50	3.33 3.33	3.56 3.56	3.16 3.16	A	118.4	0.82						
02026+0905	1	F C A	A B	9537 9537	7.821 0.023 9.091 0.074			30.647 795 99 30.647 831 37	+9.081 709 06 +9.081 658 08	2.68 2.68	-0.48 -0.48	-8.07 -8.07	2.45 7.14	2.55 6.40	1.03 1.03	1.08 1.08	0.65 0.65	A	146	0.22						
02026-2019	1	I N C	A B	9530 9536	10.315 0.016 12.153 0.064	10.882 0.064	10.143 0.055	30.640 861 49 30.648 296 28	-20.315 065 92 -20.312 295 00	0.36 2.58	36.20 26.82	44.95 23.18	3.47 24.39	3.29 23.32	3.58 14.82	4.95 19.37	4.22 18.48	A	68.33	27.01	+0.04	-0.02				



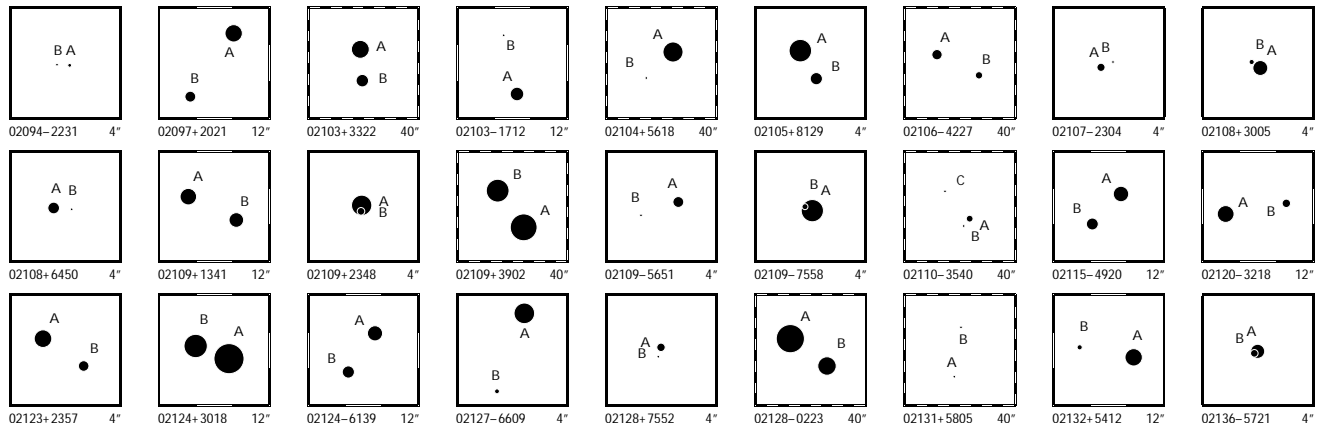
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
02032+4837	1	F	C	B	A 9583 B 9583	7.861 0.008 11.540 0.219	8.487 0.011	7.787 0.008			30.789 232 78 +48.620 502 40 30.789 610 81 +48.619 907 12	21.24 21.24	195.20 195.20	-45.98 -45.98	1.51 1.21 1.90 1.67 1.21 64.60 50.91 1.90 1.67 1.21	A 157	2.32									
02032+7351	1	F	C	A	A 9586 B 9586	6.234 0.002 9.445 0.035	6.344 0.003	6.194 0.004	9.599 0.025	9.098 0.024	30.793 780 02 +73.850 565 27 30.792 346 46 +73.849 137 51	8.98 8.98	-27.15 -27.15	1.91 1.91	0.47 0.48 0.58 0.48 0.52 8.49 9.24 0.58 0.48 0.52	A 195.6	5.34									
02035+3422	1	F	C	A	A 9605 B 9605	9.287 0.009 12.354 0.150	11.256 0.073	9.306 0.024			30.883 516 43 +34.368 574 27 30.882 552 49 +34.367 913 57	1.94 1.94	6.92 6.92	-1.92 -1.92	1.94 1.37 2.08 2.53 1.66 41.24 27.46 2.08 2.53 1.66	A 230.3	3.72									
02036+1712	1	F	N	D	A 9613 B 9613	9.674 0.009 12.697 0.135					30.890 017 74 +17.203 134 10 30.889 779 79 +17.203 124 35	-0.05 -0.05	5.98 5.98	-10.65 -10.65	2.19 1.40 2.05 2.71 1.88 43.34 29.47 2.05 2.71 1.88	A 268	0.82									
02037+2556	1	L	C	A	A 9621 B 9621	5.915 0.002 7.945 0.015					30.913 593 46 +25.935 448 79 30.913 424 70 +25.935 695 43	18.90 18.90	125.66 133.13	9.27 31.51	0.76 0.58 0.71 0.71 0.57 4.74 3.21 0.71 3.05 2.00	A 328.4	1.043	+1.0	+0.015							
02039+4220	1	F	C	A	A 9640 B 9640	2.328 0.005 5.021 0.050	4.006 0.006	2.330 0.004			30.974 662 83 +42.329 848 32 30.977 857 67 +42.331 071 65	9.19 9.19	43.08 43.08	-50.85 -50.85	0.70 0.56 0.73 0.66 0.58 10.25 8.44 0.73 0.66 0.58	A 62.62	9.58									
02039-0243	1	F	C	A	A 9641 B 9641	8.501 0.077 9.249 0.153					30.977 377 39 -2.712 432 45 30.977 374 27 -2.712 396 48	3.30 3.30	21.25 21.25	-14.79 -14.79	5.10 5.31 1.00 0.94 0.67 10.05 8.08 1.00 0.94 0.67	A 355	0.130									
02039-4525	1	F	N	D	A 9642 B 9642	7.447 0.005 11.657 0.215	8.148 0.008	7.386 0.006			30.979 076 30 -45.413 032 42 30.978 755 09 -45.413 325 77	20.34 20.34	328.03 328.03	52.87 52.87	0.77 0.97 1.04 0.86 0.95 44.08 57.79 1.04 0.86 0.95	A 218	1.33									
02041-1218	1	F	C	A	A 9653 B 9653	8.926 0.006 11.223 0.047	9.232 0.014	8.826 0.014			31.029 024 39 -12.305 926 31 31.029 189 58 -12.306 201 50	6.98 6.98	10.15 10.15	-13.58 -13.58	1.34 1.06 1.67 1.46 1.00 13.46 8.22 1.67 1.46 1.00	A 150	1.15									
02041-7115	1	F	C	A	A 9651 S 9651	10.085 0.012 10.312 0.015	10.538 0.038	9.883 0.032	10.867 0.048	10.137 0.041	31.017 714 00 -71.253 012 20 31.011 338 02 -71.253 027 62	4.80 4.80	21.56 21.56	15.48 15.48	2.21 2.36 2.23 2.41 2.95 5.25 4.54 2.23 2.41 2.95	A 269.57	7.38									
02043+3924	1	F	C	A	A 9667 B 9667	9.541 0.075 9.855 0.100					31.082 511 93 +39.403 620 52 31.082 457 87 +39.403 657 06	-0.39 -0.39	-9.47 -9.47	-4.40 -4.40	6.37 5.85 1.50 1.80 1.23 9.62 9.32 1.50 1.80 1.23	B 311	0.20									
02043-3309	1	F	C	A	A 9662 B 9662	10.572 0.010 10.656 0.011					31.074 444 94 -33.156 698 60 31.074 535 03 -33.157 003 92	3.88 3.88	31.93 31.93	2.48 2.48	3.26 3.14 4.35 3.59 2.76 5.64 8.31 4.35 3.59 2.76	A 166.1	1.13									
02043-5109	1	F	C	A	A 9661 B 9661	9.366 0.006 12.535 0.112					31.074 459 17 -51.153 541 23 31.074 207 87 -51.153 369 32	3.64 3.64	4.74 4.74	-68.64 -68.64	1.42 1.72 1.77 1.65 1.77 46.48 43.64 1.77 1.65 1.77	A 317	0.84									
02044-0627	1	F	C	A	A 9670 B 9670	10.483 0.013 13.201 0.152					31.089 916 28 -6.443 018 59 31.089 630 24 -6.442 990 11	2.62 2.62	37.06 37.06	-5.84 -5.84	2.80 1.61 3.10 3.16 1.60 55.05 31.16 3.10 3.16 1.60	A 276	1.03									
02046-6131	1	F	C	A	A 9687 B 9687	9.442 0.007 13.002 0.186	9.859 0.020	9.362 0.019			31.153 530 37 -61.520 094 26 31.153 758 92 -61.519 680 37	4.05 4.05	27.79 27.79	5.11 5.11	1.14 1.13 1.16 1.26 1.17 35.95 46.58 1.16 1.26 1.17	A 15	1.54									
02047-3305	1	F	C	A	A 9694 B 9694	9.005 0.009 12.006 0.129	9.959 0.021	8.922 0.015			31.173 725 82 -33.083 792 47 31.172 854 15 -33.082 556 51	9.04 9.04	-0.32 -0.32	9.05 9.05	1.22 1.37 1.83 1.39 1.31 25.35 25.98 1.83 1.39 1.31	A 329.4	5.17									
02048+6030	1	F	C	A	A 9704 B 9704	8.523 0.006 10.479 0.034					31.202 973 49 +60.506 313 90 31.203 099 42 +60.506 428 29	11.98 11.98	9.62 9.62	-22.73 -22.73	1.58 1.36 1.70 1.41 1.27 11.71 9.17 1.70 1.41 1.27	A 28	0.47									
02050-1051	1	F	C	A	A 9719 B 9719	8.772 0.005 10.881 0.031	9.881 0.022	8.658 0.014			31.256 792 96 -10.851 117 92 31.256 823 21 -10.850 695 60	3.47 3.47	20.20 20.20	-5.72 -5.72	1.30 1.05 1.73 1.45 1.03 9.06 9.25 1.73 1.45 1.03	A 4.0	1.52									
02051+6423	1	F	C	A	A 9720 B 9720	7.227 0.003 10.739 0.065	7.450 0.005	7.162 0.005			31.256 076 74 +64.385 600 93 31.256 639 31 +64.386 151 80	-0.18 -0.18	-0.72 -0.72	-1.92 -1.92	0.59 0.72 0.95 0.70 0.83 16.31 23.42 0.95 0.70 0.83	A 24	2.17									
02051-4259	1	F	N	D	A 9728 B 9728	9.945 0.011 13.230 0.225	10.434 0.028	9.870 0.025			31.279 306 60 -42.981 644 92 31.279 076 54 -42.981 404 88	-0.95 -0.95	0.79 0.79	13.95 13.95	1.40 1.69 1.96 1.64 1.62 48.73 60.16 1.96 1.64 1.62	A 325	1.06									
02051-4941	1	F	N	D	A 9729 B 9729	7.805 0.005 12.017 0.213	8.050 0.009	7.757 0.009			31.280 110 17 -49.681 825 78 31.281 426 24 -49.680 007 78	7.73 7.73	48.10 48.10	30.51 30.51	0.85 0.99 1.13 0.97 0.93 48.29 52.36 1.13 0.97 0.93	A 25.1	7.23									
02052-0058	1	F	C	A	A 9733 B 9733	8.954 0.007 9.304 0.009					31.306 331 98 -0.968 904 25 31.306 185 60 -0.968 780 83	3.07 3.07	31.95 31.95	-3.63 -3.63	5.30 2.23 2.70 4.57 2.35 7.10 3.14 2.70 4.57 2.35	A 310.1	0.689									
02052-2624	1	F	C	A	A 9731 B 9731	10.384 0.023 13.110 0.284	10.786 0.054	10.386 0.058			31.297 237 77 -26.403 397 87 31.296 075 71 -26.403 151 32	0.81 0.81	-1.60 -1.60	-7.25 -7.25	3.54 3.22 4.11 3.78 3.08 76.37 41.83 4.11 3.78 3.08	A 283	3.85									
02053+4408	1	F	C	A	A 9736 B 9736	9.163 0.035 10.965 0.182					31.317 872 59 +44.140 623 20 31.317 957 13 +44.140 577 24	1.49 1.49	-4.54 -4.54	-0.03 -0.03	4.83 3.54 1.67 1.95 1.27 24.26 18.53 1.67 1.95 1.27	A 127	0.27									
02053-5253	1	F	C	A	A 9741 B 9741	10.479 0.007 10.498 0.007					31.325 564 19 -52.883 310 29 31.326 078 81 -52.883 300 12	14.83 14.83	-26.72 -26.72	-23.06 -23.06	2.75 3.10 2.44 2.22 2.74 4.05 4.15 2.44 2.22 2.74	A 88.1	1.12									
02054+1005	1	F	F	D	A 9748 B 9748	7.409 0.118 8.387 0.290					31.347 084 82 +10.076 834 65 31.347 070 41 +10.076 865 55	2.31 2.31	2.82 2.82	5.21 5.21	6.04 9.08 0.86 0.85 0.60 11.81 11.24 0.86 0.85 0.60	A 335	0.12									
02054-0948	1	F	C	A	A 9753 B 9753	10.147 0.014 10.890 0.026	11.238 0.056	10.097 0.033	11.718 0.095	10.429 0.049	31.352 817 18 -9.791 878 62 31.352 876 05 -9.790 253 98	30.57 30.57	155.29 155.29	-28.43 -28.43	3.32 2.72 3.71 3.93 2.95 9.77 6.95 3.71 3.93 2.95	A 2.0	5.85									



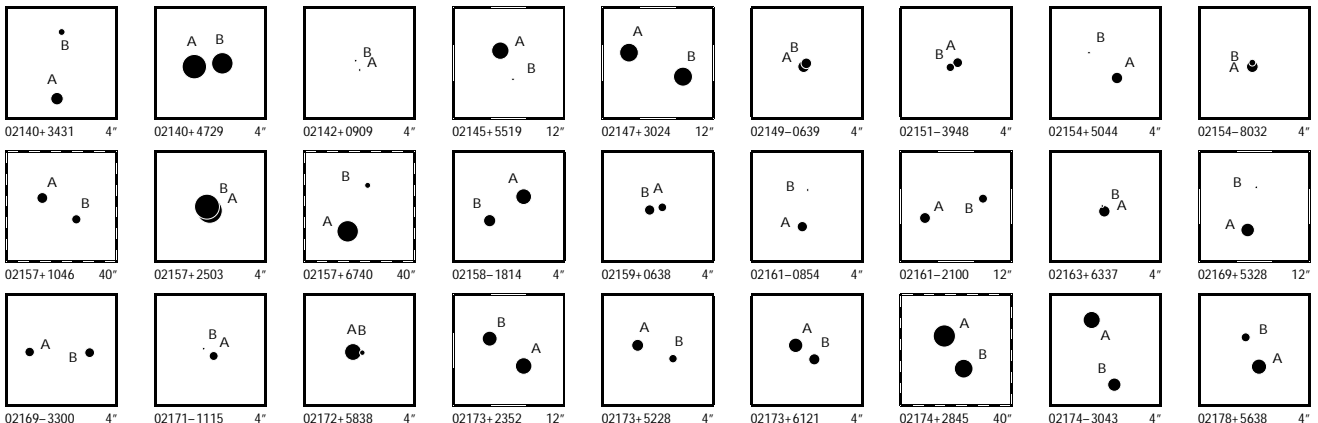
System CCDM	Solution		Comp. HIP	Magnitudes								Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry			
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ	μ_{α}	μ_{δ}		α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	deg	deg	17	18	19	20	21	22	23	24	25	26	27	28	29	
02054-5910	1	I CA	A 9747 B 9750	8.810 0.012 11.159 0.080	8.977 0.012 11.066 0.057	8.749 0.014 10.608 0.061	31.346 693 13 31.348 301 22	-59.166 517 95 -59.161 537 66	6.19 1.48	-6.77 -0.57	5.86 7.20	1.59 1.64 1.46 23.28 23.36 11.30	1.57 1.65 12.18 12.76	A	9.40	18.17	+0.02	0.00								
02057+3657	1	F CA	A 9772 B 9770	9.882 0.018 11.965 0.106	10.236 0.034	9.787 0.034	31.415 758 12 31.410 309 68	+36.957 317 85 +36.955 093 03	-1.21 -1.21	20.09 38.09	-7.25 -14.65	3.84 2.60 3.41 44.78 34.48 3.41	4.26 3.27 18.77 18.50	A	242.9	17.60										
02057-2423	1	F CA	A 9774 B 9774	8.787 0.008 11.435 0.088	9.685 0.021	8.667 0.015	31.421 853 28 31.422 054 49	-24.375 900 50 -24.376 179 32	22.31 22.31	420.17 420.17	-56.69 -56.69	1.56 1.56 1.89 19.80 17.94 1.89	1.55 1.35 1.55 1.35	A	147	1.20										
02060-2209	1	F CA	A 9798 S 9798	8.875 0.148 9.297 0.218			31.497 295 96 31.497 278 02	-22.150 819 51 -22.150 869 26	7.55 7.55	3.17 3.17	54.21 54.21	7.07 14.61 9.04 16.47	1.06 0.73 0.75 1.06 0.73 0.75	A	198	0.19										
02063+2507	1	F CA	A 9814 B 9814	8.397 0.004 8.791 0.006	8.560 0.018 8.873 0.019	8.260 0.014 8.652 0.019	31.562 606 81 31.562 491 73	+25.108 828 38 +25.108 310 63	2.15 2.15	-10.93 -10.93	-7.62 -7.62	1.60 1.37 1.66 3.39 2.04 1.66	1.63 1.43 1.63 1.43	A	162.1	1.959										
02064+3854	1	F CA	A 9822 B 9822	8.004 0.004 10.704 0.042	7.965 0.009	7.918 0.010	31.602 715 91 31.602 932 86	+38.899 731 05 +38.899 486 82	1.84 1.84	-3.84 -3.84	-0.03 -0.03	1.17 0.84 1.23 15.04 8.22 1.23	1.15 0.98 1.15 0.98	A	145	1.07										
02065+2650	1	F CA	A 9833 B 9833	8.783 0.005 11.929 0.078			31.632 146 28 31.632 342 81	+26.837 632 03 +26.837 644 74	3.22 3.22	10.60 10.60	-5.68 -5.68	1.31 0.94 1.28 26.31 24.77 1.28	1.34 1.01 1.34 1.01	A	86	0.63										
02067-4748	1	F CA	A 9845 B 9845	10.051 0.008 10.770 0.016			31.671 688 85 31.671 407 99	-47.802 629 70 -47.802 441 22	5.02 5.02	30.63 30.63	0.93 0.93	1.67 1.88 2.08 4.42 4.56 2.08	1.94 1.82 1.94 1.82	A	315.0	0.960										
02068+0354	1	F D W	A 9854 B 9854	9.058 0.298 9.668 0.522			31.694 036 43 31.694 049 32	+3.904 123 69 +3.904 089 36	-0.72 -0.72	-4.21 -4.21	-3.09 -3.09	25.94 24.18 43.96 28.81	1.09 1.11 0.80 1.09 1.11 0.80	A	159	0.13										
02068-6852	1	F CA	A 9853 B 9853	10.718 0.013 12.412 0.062	11.011 0.050	10.634 0.056	31.689 500 32 31.689 375 22	-68.861 081 66 -68.861 474 42	4.11 4.11	19.87 19.87	16.12 16.12	1.85 1.87 1.85 13.11 15.89 1.85	2.26 2.12 2.26 2.12	A	187	1.42										
02070-0413	1	F CA	A 9874 B 9874	7.878 0.004 10.618 0.047			31.757 938 58 31.757 723 85	-4.217 520 99 -4.217 537 44	5.19 5.19	-38.87 -38.87	-14.50 -14.50	1.08 0.88 1.22 8.97 8.34 1.22	1.07 0.88 1.07 0.88	A	266	0.77										
02071+6957	1	F CA	A 9877 B 9877	9.750 0.012 9.910 0.013			31.773 940 51 31.774 204 32	+69.943 925 86 +69.943 991 65	8.86 8.86	78.93 78.93	-46.64 -46.64	2.70 2.42 2.60 4.46 3.97 2.60	2.59 2.41 2.59 2.41	A	54	0.403										
02072-2749	1	F C B	A 9888 B 9888	9.010 0.009 12.416 0.192	9.702 0.018	8.921 0.014	31.802 464 51 31.802 661 98	-27.818 732 09 -27.818 465 62	11.34 11.34	112.64 112.64	-57.67 -57.67	1.38 1.59 1.97 51.55 51.78 1.97	1.63 1.55 1.63 1.55	A	33	1.15										
02076+1535	1	F CA	A 9912 B 9912	8.765 0.005 10.446 0.021	8.840 0.016	8.727 0.020	31.893 606 62 31.893 362 51	+15.589 931 80 +15.588 493 79	2.68 2.68	23.99 23.99	-3.78 -3.78	1.56 1.28 2.03 7.68 5.81 2.03	2.45 1.89 2.45 1.89	A	189.3	5.25										
02076-7434	1	F CA	A 9916 B 9916	9.503 0.006 9.573 0.006			31.909 481 20 31.910 391 68	-74.562 000 11 -74.562 065 38	5.81 5.81	-14.04 -14.04	-25.25 -25.25	1.89 1.96 1.90 3.14 3.19 1.90	2.11 2.64 2.11 2.64	A	105.1	0.904										
02080-4907	1	F C B	A 9941 B 9941	9.004 0.007 12.525 0.181	10.434 0.029	8.977 0.015	31.994 225 48 31.994 530 61	-49.115 121 73 -49.114 803 41	3.36 3.36	11.76 11.76	-45.65 -45.65	0.99 1.28 1.28 35.73 39.27 1.28	1.08 1.29 1.08 1.29	A	32	1.35										
02082-5532	1	F CA	A 9961 B 9961	7.813 0.004 11.340 0.102	9.109 0.013	7.760 0.008	32.058 329 33 32.057 288 96	-55.526 010 12 -55.527 452 35	4.67 4.67	-4.52 -4.52	-23.37 -23.37	0.76 0.85 0.87 29.03 23.50 0.87	0.78 0.89 0.78 0.89	A	202.2	5.61										
02084+2819	1	I CA	A 9971 B 9972	10.114 0.033 10.585 0.046	10.878 0.057 11.311 0.081	9.953 0.038 10.529 0.065	32.099 033 31 32.098 941 93	+28.311 517 52 +28.305 771 71	18.62 25.58	226.70 241.03	-303.03 -300.10	3.84 2.93 3.76 21.66 17.47 6.56	4.26 3.53 13.81 10.76	A	180.80	20.69	-0.04	0.00								
02085+5852	1	F CA	A 9980 B 9980	8.573 0.067 8.754 0.079			32.128 846 26 32.128 962 00	+58.865 288 41 +58.865 300 38	4.42 4.42	1.84 1.84	-2.63 -2.63	7.64 3.14 1.13 8.20 4.83 1.13	1.10 0.89 1.10 0.89	A	79	0.22										
02085-0641	1	F CA	A 9981 B 9981	6.780 0.027 9.261 0.267			32.132 457 54 32.132 529 23	-6.678 017 32 -6.678 002 41	5.44 5.44	8.02 8.02	9.57 9.57	3.89 1.98 1.03 25.45 21.83 1.03	0.97 0.62 0.97 0.62	A	78	0.26										
02088-6126	1	F C C	A 10001 B 10001	9.367 0.217 11.484 1.526			32.197 318 03 32.197 234 85	-61.436 702 44 -61.436 708 10	3.38 3.38	39.19 39.19	13.72 13.72	10.45 4.71 1.06 127.23 48.75 1.06	0.96 1.18 0.96 1.18	A	262	0.14										
02089+0717	1	F C B	A 10009 B 10009	9.202 0.087 11.135 0.516			32.229 744 97 32.229 752 02	+7.284 521 42 +7.284 471 86	1.06 1.06	22.25 22.25	-11.68 -11.68	3.92 7.87 1.51 20.34 39.57 1.51	1.42 1.16 1.42 1.16	A	172	0.18										
02089+7032	1	F CA	A 10011 B 10011	9.640 0.022 10.407 0.045			32.232 113 24 32.232 263 40	+70.526 754 44 +70.526 835 22	2.19 2.19	-1.32 -1.32	-3.00 -3.00	2.58 3.46 1.62 6.03 7.27 1.62	1.17 1.43 1.17 1.43	A	32	0.34										
02090+3540	1	F CA	A 10022 B 10022	8.939 0.169 9.438 0.268			32.258 599 31 32.258 612 38	+35.674 851 76 +35.674 899 22	6.83 6.83	72.53 72.53	-54.05 -54.05	11.54 15.66 1.33 18.16 18.96 1.33	1.21 1.28 1.21 1.28	A	13	0.18										
02090+3936	1	F CA	A 10023 B 10023	8.989 0.007 11.311 0.057	9.263 0.017	8.936 0.019	32.259 650 22 32.257 506 56	+39.592 330 70 +39.591 870 48	5.52 5.52	10.35 10.35	-12.88 -12.88	1.84 1.29 1.97 17.46 10.78 1.97	1.67 1.52 1.67 1.52	A	254.4	6.17										
02091+4048	1	L F C	A 10027 B 10030	9.074 0.035 10.738 0.120	9.483 0.020 11.325 0.087	9.018 0.019 10.574 0.072	32.264 232 09 32.270 454 55	+40.794 233 40 +40.797 010 22	6.60 6.60	7.78 16.38	-7.96 -34.66	2.87 2.11 2.93 30.25 23.07 2.93	2.41 2.33 19.26 20.22	A	59.48	19.69	+0.08	-0.01								
02091+5104	1	F N C	A 10032 B 10032 C 10032	9.067 0.012 9.572 0.014 12.196 0.215	8.953 0.024 9.442 0.051	8.835 0.029 9.246 0.046	32.286 839 16 32.286 352 62 32.289 608 85	+51.073 352 74 +51.073 786 22 +51.074 241 03	1.13 1.13 1.13	5.26 5.26 5.26	-4.37 -4.37 -4.37	1.53 1.33 1.93 3.47 3.18 1.93 37.18 33.83 1.93	1.36 1.29 1.36 1.29 1.36 1.29	A	324.8	1.910										



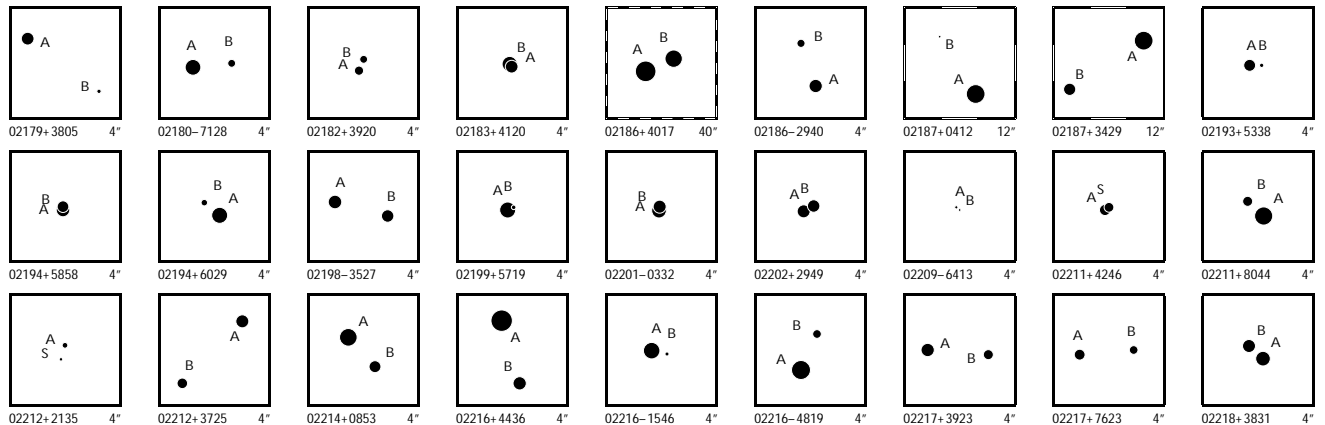
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
02094-2231	1	F C B	A 10057 B 10057	11.167 13.263	0.028 0.191						32.359 130 57 32.359 261 52	-22.511 219 31 -22.511 206 07	16.85 16.85	214.11 214.11	18.86 18.86	4.68 46.35	3.73 45.57	3.50 3.50	3.33 3.33	2.46 2.46	A	84		0.44	
02097+2021	1	F C A	A 10088 B 10088	8.161 9.593	0.005 0.017	8.563 9.898	0.011 0.029	8.100 9.414	0.011 0.028		32.428 182 55 32.429 607 91	+20.348 131 63 +20.346 208 79	2.25 2.25	-7.70 -7.70	1.73 1.73	1.30 6.16	1.01 4.00	1.45 1.45	1.51 1.51	1.31 1.31	A	145.20		8.430	
02103+3322	1	I C A	A 10130 B 10129	8.066 9.217	0.008 0.020	8.019 9.181	0.009 0.020	7.999 9.076	0.011 0.024		32.567 073 47 32.566 832 53	+33.365 336 59 +33.362 125 07	5.63 6.77	8.95 20.54	-4.84 -7.92	2.44 8.90	1.71 5.60	2.12 5.80	3.00 8.36	2.06 5.54	A	183.59	11.58	-0.06	0.00
02103-1712	1	F C C	A 10128 B 10128	8.974 12.758	0.008 0.268	9.337 10.018	0.018	8.933 10.018	0.018		32.566 569 53 32.567 015 07	-17.196 172 09 -17.194 372 58	6.08 6.08	60.49 60.49	14.14 14.14	2.01 103.98	1.59 72.70	2.37 2.37	2.95 2.95	1.82 1.82	A	13		6.66	
02104+5618	1	F N D	A 10139 B 10139	7.539 11.420	0.009 0.293	8.915 12.354	0.011 0.374	7.513 11.854	0.007 0.391		32.599 981 20 32.605 010 41	+56.297 209 74 +56.294 478 54	6.34 6.34	51.09 51.09	-40.58 -40.58	1.02 71.33	0.96 66.11	1.27 1.27	1.27 1.27	1.08 1.08	A	134.4		14.06	
02105+8129	1	F C A	A 10144 B 10144	7.032 9.278	0.003 0.023	7.157 10.005	0.005	6.916 10.006	0.006		32.624 300 27 32.623 180 74	+81.482 016 20 +81.481 725 54	5.22 5.22	32.51 32.51	-11.55 -11.55	0.69 5.67	0.65 7.17	0.73 0.73	0.73 0.73	0.64 0.64	A	209.7		1.20	
02106-4227	1	I C A	A 10157 B 10154	9.743 10.379	0.019 0.031	10.199 11.053	0.033 0.056	9.621 10.470	0.030 0.056		32.658 975 03 32.653 150 93	-42.455 842 82 -42.457 969 52	3.12 2.35	63.30 62.98	-10.26 -12.26	3.41 12.12	4.30 14.81	4.24 7.70	4.00 4.18	4.22 7.14	A	243.67	17.26	-0.01	0.00
02107-2304	1	F C C	A 10165 B 10165	10.194 13.237	0.012 0.186						32.675 860 21 32.675 734 48	-23.070 662 08 -23.070 609 13	1.57 1.57	14.01 14.01	-0.95 -0.95	3.28 56.79	2.97 69.21	2.87 2.87	2.50 2.50	2.15 2.15	A	295		0.46	
02108+3005	1	F C A	A 10169 B 10169	8.707 10.832	0.013 0.087						32.694 233 75 32.694 345 94	+30.078 297 96 +30.078 359 02	5.49 5.49	-19.27 -19.27	-13.73 -13.73	2.51 17.54	1.77 12.61	1.79 1.79	1.94 1.94	1.50 1.50	A	58		0.41	
02108+6450	1	F C C	A 10173 B 10173	9.398 12.944	0.011 0.284						32.707 857 79 32.707 419 45	+64.829 188 50 +64.829 174 99	3.33 3.33	-0.66 -0.66	-1.78 -1.78	1.48 59.46	1.78 75.49	2.44 2.44	1.84 1.84	2.24 2.24	A	266		0.67	
02109+1341	1	F C A	A 10175 B 10175	8.316 8.787	0.007 0.011	8.998 9.551	0.020 0.036	8.251 8.734	0.017 0.029		32.716 716 10 32.715 200 97	+13.683 453 73 +13.682 717 17	20.41 20.41	111.71 111.71	-73.24 -73.24	1.77 12.12	1.43 15.81	1.75 1.75	1.81 1.81	1.46 1.46	A	243.42		5.926	
02109+2348	1	F C B	A 10181 B 10181	7.480 10.325	0.024 0.334						32.726 694 99 32.726 693 32	+23.799 133 00 +23.799 068 16	9.95 9.95	39.41 39.41	5.22 5.22	6.07 88.45	3.98 38.23	2.01 2.01	2.24 2.24	1.81 1.81	A	181		0.23	
02109+3902	1	I N B	A 10176 B 10180	6.069 6.949	0.030 0.058	5.997 6.882	0.006 0.006	6.067 6.792	0.011 0.009		32.720 143 34 32.723 640 37	+39.039 578 14 +39.043 334 40	12.41 1.92	-7.99 -7.60	-21.52 -19.97	3.40 22.22	2.36 15.16	2.83 11.75	4.28 12.01	2.91 12.23	A	35.9	16.69	0.0	0.00
02109-5651	1	F N D	A 10178 B 10178	9.609 12.345	0.009 0.112	10.212 11.053	0.024	9.519 10.470	0.021		32.721 967 58 32.722 653 65	-56.847 800 68 -56.847 940 31	7.54 7.54	-22.43 -22.43	-27.02 -27.02	1.27 25.90	1.29 25.06	1.28 1.28	1.27 1.27	1.57 1.57	A	110		1.44	
02109-7558	1	F C C	A 10179 B 10179	7.090 10.664	0.025 0.673						32.722 496 96 32.722 784 27	-75.958 832 60 -75.958 790 91	4.52 4.52	10.48 10.48	-3.31 -3.31	5.65 35.03	3.14 31.95	0.91 0.91	0.88 0.88	0.90 0.90	A	59		0.29	
02110-3540	1	F N B	A 10191 B 10191 C 10191	10.501 11.920 11.943	0.029 0.083 0.122	12.133 12.133	0.105	10.568 10.568	0.041		32.759 711 17 32.760 457 33 32.762 815 05	-35.670 245 97 -35.671 062 04 -35.667 419 14	48.22 48.22 48.22	-158.26 -158.26 -158.26	-214.08 -214.08 -214.08	2.43 13.74 20.55	2.83 19.28 26.38	3.50 3.50 3.50	2.55 2.55 2.55	3.03 3.03 3.03	A	143.4	3.66		13.64
02115-4920	1	F C A	A 10226 B 10226	8.567 9.363	0.005 0.009	8.866 9.556	0.015 0.032	8.458 9.212	0.015 0.035		32.870 534 12 32.871 849 94	-49.331 458 47 -49.332 371 73	5.36 5.36	40.48 40.48	23.22 23.22	1.01 3.04	1.29 3.63	1.28 1.28	1.12 1.12	1.36 1.36	A	136.80		4.510	
02120-3218	1	F C A	A 10260 B 10260	8.300 10.156	0.004 0.019	9.300 10.355	0.015 0.036	8.215 9.963	0.010 0.041		33.005 470 00 33.003 267 90	-32.287 643 83 -32.287 319 90	4.41 4.41	-6.81 -6.81	10.02 10.02	0.87 4.67	1.09 6.31	1.43 1.43	1.07 1.07	1.07 1.07	A	279.9		6.802	
02123+2357	1	F C A	A 10272 B 10272	8.070 9.675	0.005 0.022	8.792 9.707	0.014	7.907 9.011	0.011		33.063 874 54 33.063 418 32	+23.958 595 35 +23.958 308 84	30.99 30.99	127.12 127.12	-160.41 -160.41	1.35 5.99	1.16 5.77	1.51 1.51	1.71 1.71	1.26 1.26	A	235.5		1.82	
02124+3018	1	F C A	A 10280 B 10280	5.322 6.826	0.004 0.012	6.230 7.229	0.011 0.007	5.243 6.673	0.006 0.010		33.093 016 32 33.094 200 76	+30.303 215 07 +30.303 588 87	10.68 10.68	-64.59 -64.59	-61.07 -61.07	0.78 3.74	0.69 3.27	0.92 0.92	0.92 0.92	0.82 0.82	A	69.92		3.920	
02124-6139	1	L C A	A 10284 B 10284	8.665 9.297	0.006 0.010	9.108 9.609	0.021 0.046	8.597 9.083	0.025 0.040		33.109 348 43 33.111 097 19	-61.651 553 51 -61.652 734 60	7.56 7.56	103.10 103.11	100.12 89.93	1.39 3.84	1.44 3.77	1.29 1.29	1.30 2.44	1.34 3.07	A	144.89	5.198	+0.06	+0.008
02127-6609	1	F C A	A 10299 B 10299	7.469 10.904	0.003 0.068	8.905 11.950	0.011 1.220	7.426 11.950	0.006 1.220		33.176 966 90 33.177 671 60	-66.154 422 26 -66.155 216 39	5.20 5.20	1.36 1.36	15.32 15.32	0.69 18.61	0.66 19.36	0.70 0.70	0.64 0.64	0.68 0.68	A	160.3		3.04	
02128+7552	1	F C C	A 10313 B 10313	10.158 12.753	0.028 0.304						33.211 700 07 33.211 789 76	+75.865 017 55 +75.864 920 58	2.65 2.65	-10.26 -10.26	-0.94 -0.94	4.24 49.52	6.50 57.41	1.83 1.83	1.74 1.74	1.91 1.91	A	167		0.36	
02128-0223	1	I C A	A 10305 B 10303	5.772 7.905	0.012 0.059	6.328 8.498	0.005 0.017	5.712 7.709	0.005 0.013		33.197 179 97 33.193 438 81	-2.393 459 60 -2.396 167 94	21.71 8.04	374.41 364.13	-73.08 -79.61	1.80 26.52	1.48 16.55	1.67 9.94	1.76 11.42	1.33 8.53	A	234.07	16.62	0.00	+0.01
02131+5805	1	F F C	A 10332 B 10332	11.586 11.870	0.076 0.087	11.356 11.050	0.091	11.050 11.050	0.111		33.281 209 25 33.280 087 81	+58.079 965 84 +58.085 107 63	23.29 23.29	-11.12 -11.12	31.89 31.89	4.99 19.43	5.36 14.56	7.15 7.15	6.61 6.61	9.50 9.50	A	353.4		18.63	
02132+5412	1	F C A	A 10338 B 10338	8.154 10.877	0.004 0.044	8.123 10.791	0.007 0.079	8.115 10.486	0.009 0.099		33.300 369 49 33.303 165 44	+54.218 841 92 +54.219 138 92	0.08 0.08	12.33 12.33	-5.21 -5.21	0.92 13.15	0.77 11.31	1.15 1.15	0.98 0.98	0.82 0.82	A	79.7		5.98	
02136-5721	1	F C B	A 10362 B 10362	8.854 10.337	0.116 0.456						33.389 763 33 33.389 832 28	-57.344 954 13 -57.344 977 05	5.31 5.31	-24.90 -24.90	-11.78 -11.78	5.95 34.42	9.61 23.81	0.73 0.73	0.63 0.63	0.72 0.72	A	122		0.16	



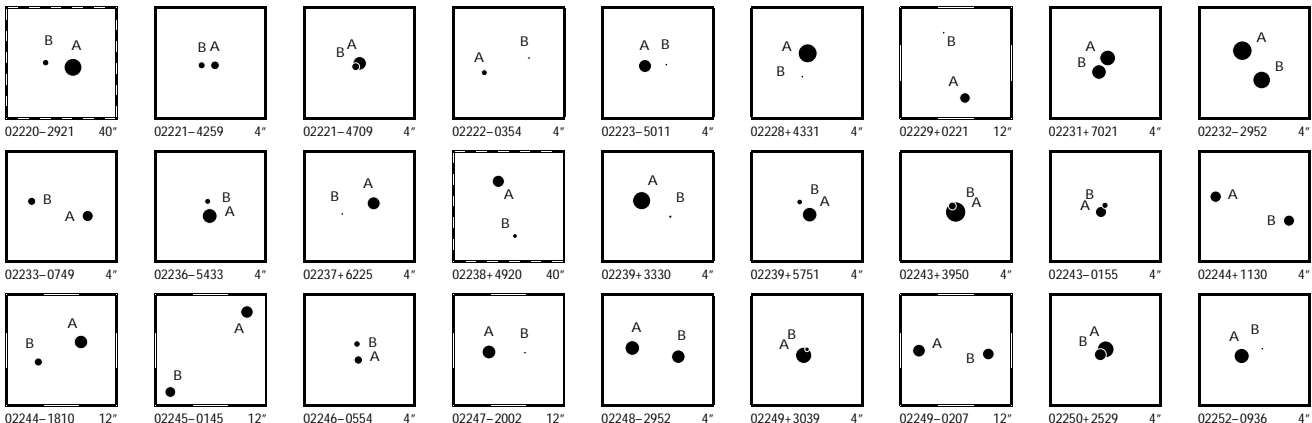
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
02140+3431	1	FCA	A 10400 B 10400	9.243 0.010 10.478 0.031	9.436 0.016 10.469 0.084	9.141 0.015 9.757 0.033		33.495 352 09 +34.514 221 08 33.495 290 27 +34.514 911 41	3.54 3.54	47.53 -41.77 47.53 -41.77	1.92 1.44 2.00 2.08 1.68 9.23 8.64 2.00 2.08 1.68	A 355.8 2.49														
02140+4729	1	LCA	A 10403 B 10403	6.612 0.004 7.273 0.007				33.510 536 06 +47.484 387 29 33.510 100 99 +47.484 417 94	24.07 24.07	-82.13 -60.10 -81.24 -46.01	0.98 0.76 0.96 1.02 0.80 3.23 1.88 0.96 2.21 1.57	A 276.0 1.064 +0.8 +0.001														
02142+0909	1	FCB	A 10414 B 10414	11.862 0.036 13.664 0.188				33.545 571 94 +9.144 027 87 33.545 615 97 +9.144 126 40	16.77 16.77	32.14 -111.11 32.14 -111.11	6.68 5.19 4.69 4.67 3.95 77.43 37.46 4.69 4.67 3.95	A 24 0.39														
02145+5519	1	FCC	A 10443 B 10443	8.162 0.010 11.655 0.254	8.128 0.008 8.133 0.011			33.637 383 49 +55.317 138 59 33.636 672 99 +55.316 275 13	-2.91 -2.91	-1.70 -2.27 -1.70 -2.27	0.86 0.78 1.15 0.99 0.91 52.30 48.71 1.15 0.99 0.91	A 205 3.43														
02147+3024	1	FCA	B 10453 A 10453	7.813 0.005 7.887 0.006	7.737 0.059 7.758 0.054 7.873 0.013 7.829 0.012			33.675 618 62 +30.394 796 92 33.677 562 08 +30.395 538 08	4.27 4.27	11.04 -6.09 11.04 -6.09	2.27 1.64 1.99 1.97 1.55 3.53 2.82 1.99 1.97 1.55	B 66.15 6.60														
02149-0639	1	FCA	A 10467 B 10467	9.395 0.241 9.647 0.304				33.731 316 55 -6.650 692 87 33.731 292 29 -6.650 662 67	3.69 3.69	27.90 12.61 27.90 12.61	12.33 15.27 1.37 1.19 1.04 13.38 15.43 1.37 1.19 1.04	A 321 0.14														
02151-3948	1	FCA	A 10477 B 10477	9.853 0.023 10.124 0.030				33.776 749 17 -39.792 140 50 33.776 850 91 -39.792 190 62	3.67 3.67	49.94 53.46 49.94 53.46	2.62 2.48 1.63 1.38 1.32 4.12 4.48 1.63 1.38 1.32	A 123 0.334														
02154+5044	1	FCA	A 10498 B 10498	9.489 0.008 11.651 0.060	10.373 0.032 9.358 0.021			33.838 163 47 +50.734 042 23 33.838 623 92 +50.734 300 79	2.32 2.32	10.46 -7.86 10.46 -7.86	1.75 1.68 2.45 2.07 2.13 16.62 17.66 2.45 2.07 2.13	A 48 1.40														
02154-8032	1	FCA	A 10504 B 10504	9.408 0.160 10.481 0.428				33.850 267 33 -80.534 871 62 33.850 234 20 -80.534 830 99	3.78 3.78	19.72 8.60 19.72 8.60	4.21 11.49 0.88 0.83 0.97 16.26 28.38 0.88 0.83 0.97	A 352 0.15														
02157+1046	1	ICA	A 10533 B 10530	9.595 0.023 9.967 0.028	10.096 0.033 9.499 0.030 10.535 0.046 9.831 0.040			33.926 087 92 +10.771 179 40 33.922 622 58 +10.768 995 33	8.01 2.61	63.44 -72.43 64.43 -77.42	6.29 4.99 4.99 7.26 5.68 13.68 10.28 8.07 12.13 8.98	A 237.32 14.56 -0.02 0.00														
02157+2503	1	FCA	A 10535 B 10535	6.400 0.042 6.484 0.045				33.928 460 54 +25.043 235 05 33.928 494 04 +25.043 277 17	20.77 20.77	-88.69 -87.16 -88.69 -87.16	5.04 3.94 0.89 0.75 0.74 4.89 3.52 0.89 0.75 0.74	A 36 0.187														
02157+6740	1	FFD	A 10531 B 10529	7.279 0.028 10.706 0.568	8.359 0.009 7.292 0.006			33.924 001 75 +67.673 056 55 33.918 768 82 +67.677 818 71	42.46 42.46	515.14 -318.06 515.14 -318.06	2.20 2.40 2.51 2.48 3.10 108.52 124.28 2.51 2.48 3.10	A 337.3 18.58														
02158-1814	1	LCA	A 10542 B 10542	8.524 0.007 9.275 0.014	9.491 0.023 8.288 0.014			33.942 366 30 -18.237 874 00 33.942 740 93 -18.238 122 20	44.96 44.96	-42.44 -123.47 -60.29 -166.60	1.59 1.37 1.69 1.32 1.15 3.41 4.36 1.69 3.73 5.85	A 124.9 1.562 +1.7 +0.010														
02159+0638	1	FCA	B 10552 A 10552	9.702 0.012 10.079 0.017				33.972 798 46 +6.626 464 03 33.972 670 33 +6.626 496 75	26.37 26.37	-114.08 -54.72 -114.08 -54.72	4.32 3.87 3.69 4.14 3.13 7.68 10.17 3.69 4.14 3.13	B 284 0.47														
02161-0854	1	FCA	A 10573 B 10573	9.700 0.012 12.278 0.118	10.440 0.039 9.625 0.030			34.027 800 92 -8.904 759 79 34.027 743 99 -8.904 389 52	3.60 3.60	11.26 10.20 11.26 10.20	2.52 2.43 2.85 3.02 2.31 34.33 48.48 2.85 3.02 2.31	A 351 1.35														
02161-2100	1	FCA	A 10579 B 10579	9.578 0.012 9.993 0.015	9.906 0.036 9.302 0.033 10.615 0.057 9.830 0.044			34.038 666 72 -21.008 198 71 34.036 768 28 -21.007 605 80	7.23 7.23	48.58 -6.26 48.58 -6.26	3.35 2.63 3.71 3.81 2.43 6.21 6.56 3.71 3.81 2.43	A 288.5 6.73														
02163+6337	1	FCB	A 10586 B 10586	9.497 0.075 11.491 0.471				34.075 726 60 +63.612 489 20 34.075 793 96 +63.612 546 99	3.85 3.85	-4.69 2.01 -4.69 2.01	5.83 8.96 1.71 1.07 1.42 33.37 55.33 1.71 1.07 1.42	A 27 0.23														
02169+5328	1	FCA	A 10636 B 10636	9.026 0.007 11.770 0.087	9.084 0.014 8.977 0.017			34.230 514 18 +53.466 457 13 34.230 097 96 +53.467 738 05	0.59 0.59	-0.27 -3.11 -0.27 -3.11	1.26 1.20 1.63 1.35 1.30 18.76 14.90 1.63 1.35 1.30	A 349.1 4.70														
02169-3300	1	FCA	B 10638 A 10638	9.822 0.010 9.878 0.010	10.089 0.035 9.448 0.028 10.086 0.028 9.489 0.038			34.234 778 07 -32.996 810 59 34.235 508 76 -32.996 801 07	7.53 7.53	17.86 -33.44 17.86 -33.44	2.97 2.80 2.87 2.32 2.36 3.95 4.26 2.87 2.32 2.36	B 89.1 2.21														
02171-1115	1	FCA	A 10645 B 10645	10.017 0.011 12.346 0.092				34.262 798 97 -11.253 210 71 34.262 910 83 -11.253 128 76	3.21 3.21	8.63 -8.30 8.63 -8.30	2.57 1.96 2.23 2.27 1.65 29.99 22.26 2.23 2.27 1.65	A 53 0.49														
02172+5838	1	FCB	A 10660 B 10660	8.261 0.023 10.811 0.245				34.299 474 18 +58.636 198 19 34.299 286 75 +58.636 199 12	11.17 11.17	73.44 -20.42 73.44 -20.42	5.60 2.60 1.78 1.73 1.47 29.00 28.60 1.78 1.73 1.47	A 271 0.35														
02173+2352	1	FCA	A 10667 B 10667	8.359 0.004 8.670 0.005	8.868 0.029 8.497 0.031			34.315 530 31 +23.873 560 13 34.316 667 26 +23.874 387 40	8.30 8.30	15.24 -7.10 15.24 -7.10	1.81 1.58 2.30 2.16 2.19 3.11 2.93 2.30 2.16 2.19	A 51.49 4.783														
02173+5228	1	FCA	A 10674 B 10674	9.388 0.007 10.144 0.013	9.320 0.020 9.051 0.020 9.794 0.076 9.386 0.089			34.334 358 19 +52.469 296 87 34.333 767 42 +52.469 164 27	4.60 4.60	8.59 -4.68 8.59 -4.68	1.47 1.41 1.73 1.44 1.62 5.67 3.93 1.73 1.44 1.62	A 249.8 1.38														
02173+6121	1	LCA	A 10677 B 10677	8.809 0.006 9.522 0.012				34.345 826 06 +61.351 795 94 34.345 433 84 +61.351 653 43	19.09 19.09	44.60 -85.24 58.89 -91.73	1.80 1.70 2.07 1.58 1.61 4.36 3.98 2.07 2.74 2.78	A 232.8 0.849 -0.9 -0.007														
02174+2845	1	ICA	A 10680 B 10679	7.100 0.011 7.852 0.020	7.627 0.009 7.049 0.008 8.493 0.012 7.805 0.014			34.355 123 22 +28.745 219 94 34.352 833 64 +28.741 952 00	25.37 29.40	94.34 -72.17 98.15 -67.41	2.79 2.26 2.84 3.00 2.83 10.01 7.05 5.39 6.96 5.77	A 211.56 13.81 0.00 -0.01														
02174-3043	1	FCA	A 10683 B 10683	8.222 0.007 9.036 0.014	8.679 0.013 8.122 0.012 9.449 0.025 8.872 0.024			34.360 456 17 -30.722 018 08 34.360 186 07 -30.722 674 08	10.02 10.02	-67.40 -44.67 -67.40 -44.67	1.26 1.17 1.38 1.59 1.10 3.88 4.50 1.38 1.59 1.10	A 199.5 2.51														
02178+5638	1	FCA	A 10704 B 10704	8.628 0.009 9.999 0.030	8.567 0.012 8.441 0.015			34.443 076 61 +56.641 373 85 34.443 316 83 +56.641 676 68	-0.58 -0.58	-0.33 -2.13 -0.33 -2.13	1.62 1.47 1.99 1.85 1.56 7.73 9.32 1.99 1.85 1.56	A 23.6 1.19														



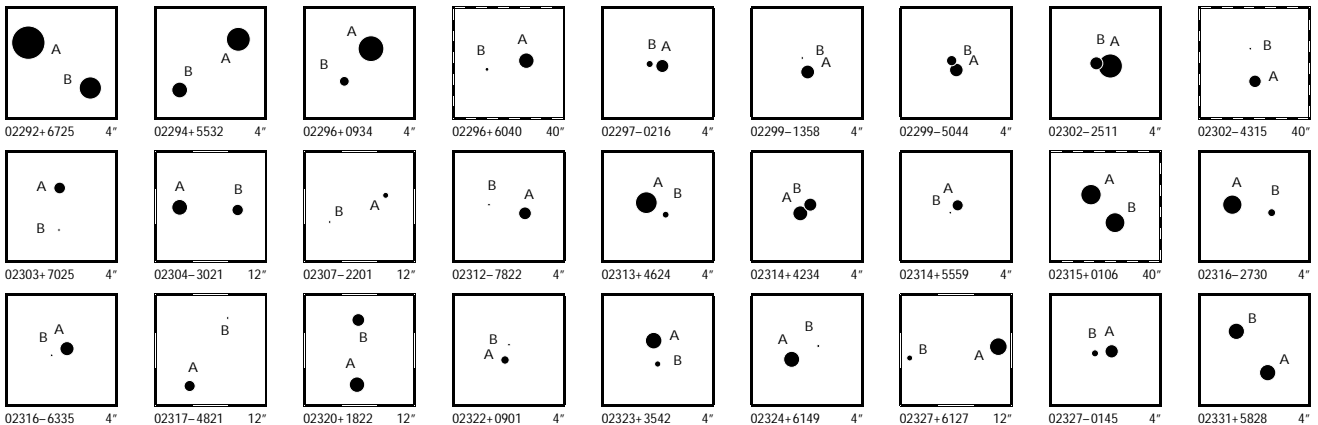
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
02179+3805	1	F CA	A 10711 B 10711	9.179 0.007 11.034 0.037	9.707 0.026	9.139 0.024		34.483 740 74 +38.082 312 65 34.482 814 36 +38.081 775 32	14.36 14.36	261.96 -212.62 261.96 -212.62	1.81 1.16 1.87 1.89 1.45 11.40 7.84 1.87 1.89 1.45	A 233.6 3.26															
02180-7128	1	F CA	A 10722 B 10722	8.549 0.007 10.257 0.024	9.483 0.017	8.397 0.012		34.503 339 18 -71.467 472 97 34.502 101 26 -71.467 436 42	4.67 4.67	18.64 16.67 18.64 16.67	1.19 1.02 1.11 1.17 1.11 8.73 5.88 1.11 1.17 1.11	A 275.3 1.42															
02182+3920	1	F CA	A 10735 B 10735	9.970 0.009 10.271 0.012				34.542 154 85 +39.327 809 64 34.542 101 56 +39.327 934 56	12.00 12.00	-27.10 -42.12 -27.10 -42.12	2.82 2.36 3.11 2.26 2.34 5.00 3.78 3.11 2.26 2.34	A 342 0.474															
02183+4120	1	F CA	B 10749 A 10749	8.617 0.175 9.181 0.294				34.572 128 72 +41.325 952 40 34.572 098 71 +41.325 922 33	3.68 3.68	-7.36 -3.56 -7.36 -3.56	9.98 9.71 1.02 0.77 0.70 17.69 14.12 1.02 0.77 0.70	B 217 0.14															
02186+4017	1	I CA	A 10772 B 10769	7.421 0.012 8.140 0.022	7.702 0.007	7.252 0.009		34.651 131 87 +40.278 808 34 34.647 409 50 +40.280 822 89	8.83 8.54	-20.95 -7.66 -18.86 -19.61	2.88 2.28 2.91 2.79 2.55 10.22 7.88 4.85 4.74 4.06	A 293.16 11.12 -0.05 -0.01															
02186-2940	1	L CA	A 10765 B 10765	9.059 0.006 10.229 0.017	9.338 0.016	8.833 0.015		34.640 374 04 -29.671 070 26 34.640 553 75 -29.670 632 31	4.30 4.30	-31.74 -22.95 -39.66 -17.66	1.47 1.41 1.65 1.34 1.08 4.48 4.89 1.65 2.97 2.63	A 19.6 1.674 -0.3 +0.002															
02187+0412	1	F ND	D A 10775 B 10775	7.869 0.007 11.393 0.173	9.136 0.015	7.822 0.009		34.670 442 95 +4.196 172 11 34.671 536 12 +4.197 933 56	3.51 3.51	-18.92 -43.23 -18.92 -43.23	1.46 1.23 1.46 1.70 1.30 43.08 34.38 1.46 1.70 1.30	A 31.8 7.46															
02187+3429	1	F CA	A 10774 B 10774	7.867 0.006 9.316 0.023	8.431 0.011	7.783 0.010		34.665 252 44 +34.487 847 59 34.668 051 05 +34.486 363 80	7.59 7.59	133.05 -71.25 133.05 -71.25	1.56 1.19 1.78 1.83 1.42 9.53 4.88 1.78 1.83 1.42	A 122.75 9.87															
02193+5338	1	F CA	A 10824 B 10824	9.336 0.009 11.015 0.041				34.834 384 94 +53.639 128 01 34.834 168 75 +53.639 122 33	-2.24 -2.24	-4.46 -1.37 -4.46 -1.37	2.08 1.66 2.05 2.02 1.73 10.04 9.71 2.05 2.02 1.73	A 267 0.46															
02194+5858	1	F CC	D A 10829 B 10829	9.000 0.269 9.410 0.393				34.841 165 19 +58.961 194 56 34.841 152 35 +58.961 227 97	1.92 1.92	1.00 -2.51 1.00 -2.51	14.12 16.64 1.27 1.40 1.03 18.38 21.06 1.27 1.40 1.03	A 349 0.12															
02194+6029	1	F CA	A 10828 B 10828	8.481 0.004 10.547 0.026				34.840 055 62 +60.486 250 61 34.840 367 62 +60.486 382 73	7.53 7.53	24.32 -8.57 24.32 -8.57	1.12 1.00 1.28 1.17 1.31 8.00 7.19 1.28 1.17 1.31	A 49 0.73															
02198-3527	1	L CA	A 10864 B 10864	9.023 0.006 9.230 0.007	9.793 0.018	8.883 0.014		34.949 772 90 -35.445 586 06 34.949 111 73 -35.445 729 29	27.96 27.96	-85.28 35.49 -96.49 17.28	1.81 1.77 2.50 1.78 1.60 2.66 3.29 2.50 2.95 4.13	A 255.1 2.006 -0.4 +0.016															
02199+5719	1	F CC	A 10873 B 10873	8.448 0.031 10.980 0.320				34.983 902 06 +57.318 103 77 34.983 772 04 +57.318 130 23	0.34 0.34	-2.13 -9.14 -2.13 -9.14	5.38 4.32 1.75 1.72 1.45 40.04 37.45 1.75 1.72 1.45	A 291 0.27															
02201-0332	1	L CA	A 10885 B 10885	8.778 0.143 9.093 0.190				35.020 627 75 -3.534 817 52 35.020 614 22 -3.534 779 08	9.15 9.15	-97.57 -47.13 -73.93 -44.84	5.44 10.79 1.30 3.70 2.21 6.31 10.92 1.30 4.85 2.80	A 341 0.147 +9 -0.006															
02202+2949	1	F CA	A 10892 B 10892	9.137 0.010 9.224 0.011				35.043 405 29 +29.811 771 52 35.043 293 00 +29.811 824 77	7.48 7.48	-9.25 -13.10 -9.25 -13.10	2.97 2.49 2.59 3.00 2.30 4.19 4.21 2.59 3.00 2.30	A 299 0.400															
02209-6413	1	F CC	A 10938 B 10938	11.308 0.482 12.792 1.892				35.224 248 91 -64.210 337 55 35.224 173 12 -64.210 361 45	25.85 25.85	-266.29 -200.46 -266.29 -200.46	12.88 23.32 1.42 1.31 1.50 166.04 84.30 1.42 1.31 1.50	A 234 0.15															
02211+4246	1	F CA	A 10952 S 10952	9.552 0.097 9.831 0.126				35.265 311 44 +42.774 171 51 35.265 250 88 +42.774 202 80	16.36 16.36	23.93 -207.35 23.93 -207.35	8.73 6.96 1.49 2.03 1.09 10.31 8.16 1.49 2.03 1.09	A 305 0.20															
02211+8044	1	F CA	A 10956 B 10956	7.952 0.003 9.775 0.015				35.278 203 05 +80.726 649 69 35.279 227 84 +80.726 801 29	1.61 1.61	16.20 -7.04 16.20 -7.04	0.74 0.77 0.85 0.75 0.81 3.81 3.97 0.85 0.75 0.81	A 47.4 0.807															
02212+2135	1	F CA	A 10959 S 10959	10.738 0.012 11.212 0.019				35.297 689 62 +21.589 291 02 35.297 736 77 +21.589 149 88	9.92 9.92	41.32 4.87 41.32 4.87	19.54 9.79 8.77 23.26 11.30 22.99 11.13 8.77 23.26 11.30	A 163 0.53															
02212+3725	1	F CA	A 10966 B 10966	9.110 0.005 9.660 0.008	9.218 0.024	9.044 0.029		35.312 196 08 +37.423 094 25 35.312 960 69 +37.422 464 56	2.28 2.28	15.20 -12.69 15.20 -12.69	2.79 1.72 2.44 2.58 1.92 4.84 3.54 2.44 2.58 1.92	A 136.0 3.149															
02214+0853	1	F CA	A 10975 B 10975	8.084 0.008 9.338 0.026	8.299 0.022	7.895 0.027		35.342 172 97 +8.880 721 74 35.341 898 12 +8.880 413 84	6.30 6.30	-3.17 18.83 -3.17 18.83	1.96 1.06 1.59 2.17 1.33 7.25 5.06 1.59 2.17 1.33	A 221.4 1.48															
02216+4436	1	F CA	A 10985 B 10985	7.263 0.005 9.065 0.027	7.449 0.008	7.221 0.008		35.398 646 03 +44.599 992 27 35.398 390 57 +44.599 353 46	7.20 7.20	-16.95 -8.50 -16.95 -8.50	1.81 1.39 2.03 1.71 1.88 12.62 15.78 2.03 1.71 1.88	A 195.9 2.39															
02216-1546	1	F CA	A 10990 B 10990	8.348 0.004 11.076 0.039				35.410 900 53 -15.767 871 86 35.410 732 80 -15.767 910 31	9.83 9.83	33.48 -44.65 33.48 -44.65	1.02 0.95 1.25 0.98 0.94 11.59 14.36 1.25 0.98 0.94	A 257 0.60															
02216-4819	1	F CA	A 10983 B 10983	7.785 0.004 10.078 0.034	8.944 0.012	7.680 0.007		35.390 623 74 -48.312 213 24 35.390 374 50 -48.311 842 44	3.60 3.60	17.40 -11.65 17.40 -11.65	0.90 0.89 0.98 0.97 0.82 8.13 8.59 0.98 0.97 0.82	A 335.9 1.46															
02217+3923	1	F CA	A 10999 B 10999	9.063 0.006 10.254 0.010	9.967 0.035	8.831 0.024		35.434 201 58 +39.377 853 04 35.433 392 73 +39.377 807 55	1.25 1.25	28.73 -22.24 28.73 -22.24	1.80 1.39 2.08 1.79 1.77 3.96 3.10 2.08 1.79 1.77	A 265.8 2.257															
02217+7623	1	L CA	A 10992 B 10992	9.583 0.007 10.103 0.011	9.900 0.024	9.286 0.021		35.415 220 71 +76.380 194 92 35.412 848 19 +76.380 243 61	5.28 5.28	-12.26 41.43 -14.90 30.50	2.05 1.77 2.02 1.71 1.61 3.92 5.01 2.02 2.90 4.13	A 275.0 2.019 -0.3 +0.002															
02218+3831	1	F CA	A 11004 B 11004	8.737 0.006 9.131 0.008				35.443 571 52 +38.508 187 51 35.443 751 20 +38.508 308 52	4.05 4.05	21.49 -2.11 21.49 -2.11	2.57 2.38 2.48 2.63 2.56 4.77 3.22 2.48 2.63 2.56	A 49.3 0.668															



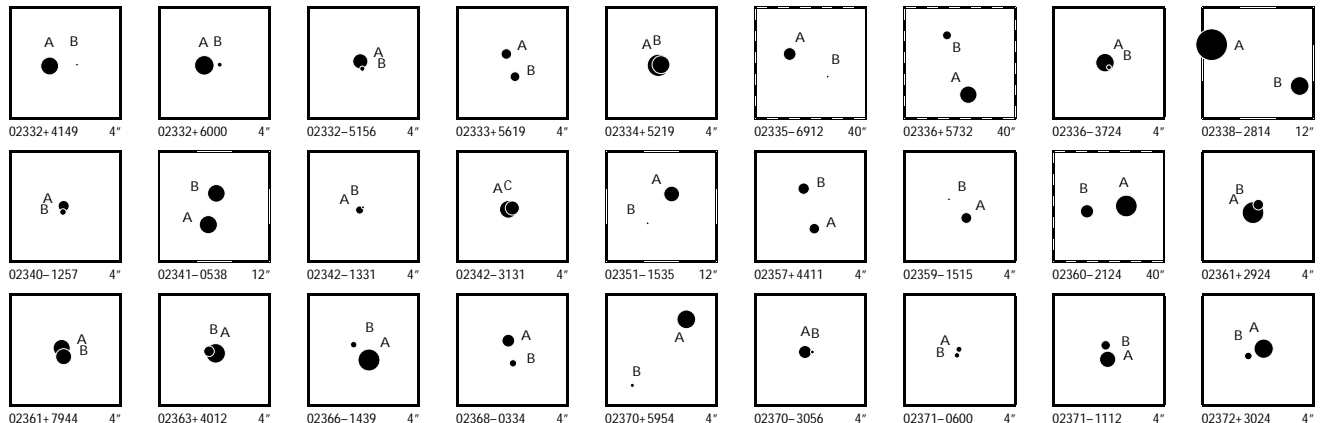
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
02220-2921	1	F CA	A 11024 B 11024	8.031 0.006 10.546 0.052	8.672 0.013 11.689 0.117	7.945 0.011 10.382 0.053		35.496 517 07 35.499 741 87	-29.351 664 67 -29.351 205 92	22.23 22.23	28.66 -173.25 28.66 -173.25	1.31 0.97 1.34 1.22 0.96 11.67 14.37 1.34 1.22 0.96	A 80.7 10.25													
02221-4259	1	F CA	A 11034 B 11034	10.107 0.010 10.460 0.013				35.527 467 22 35.527 654 30	-42.976 763 93 -42.976 765 09	2.05 2.05	16.86 0.09 16.86 0.09	2.67 2.37 2.53 2.37 2.02 4.63 5.28 2.53 2.37 2.02	A 90 0.493													
02221-4709	1	F CA	A 11036 B 11036	8.989 0.047 10.289 0.156				35.528 202 72 35.528 271 06	-47.148 509 74 -47.148 543 78	3.72 3.72	-64.88 -3.11 -64.88 -3.11	3.75 3.73 1.08 0.83 0.81 12.04 12.58 1.08 0.83 0.81	A 126 0.21													
02222-0354	1	F CA	A 11045 B 11045	10.697 0.014 12.384 0.064	11.827 0.125	10.664 0.070		35.551 026 76 35.550 565 22	-3.895 541 60 -3.895 380 91	12.73 12.73	264.45 -197.65 264.45 -197.65	3.53 3.00 3.65 3.64 2.95 21.66 23.24 3.65 3.64 2.95	A 289 1.76													
02223-5011	1	F ND D	A 11055 B 11055	9.113 0.005 13.187 0.197				35.572 619 72 35.572 275 90	-50.184 284 15 -50.184 272 58	1.13 1.13	20.20 13.44 20.20 13.44	1.02 1.08 1.12 1.04 1.03 58.00 63.53 1.12 1.04 1.03	A 273 0.79													
02228+4331	1	F CA	A 11092 B 11092	7.794 0.004 11.415 0.102				35.710 503 35 35.710 573 40	+43.517 713 41 +43.517 470 26	5.34 5.34	-11.22 -6.85 -11.22 -6.85	0.99 0.76 1.13 0.96 0.98 23.43 19.31 1.13 0.96 0.98	A 168 0.89													
02229+0221	1	F CA	A 11103 B 11103	9.680 0.013 12.210 0.131				35.729 469 02 35.730 108 57	+2.351 103 17 +2.353 105 25	3.13 3.13	28.97 -4.97 28.97 -4.97	2.50 1.95 2.49 3.17 2.34 41.65 29.13 2.49 3.17 2.34	A 17.7 7.57													
02231+7021	1	L CA	A 11120 B 11120	8.540 0.006 8.734 0.006				35.769 586 99 35.769 841 63	+70.343 234 64 +70.343 084 77	3.39 3.39	23.29 -6.21 29.10 -0.30	2.34 2.53 2.24 1.86 2.04 3.31 3.43 2.24 2.57 2.61	A 150.3 0.621 -0.7 -0.002													
02232-2952	1	L CA	A 11131 B 11131	7.660 0.006 8.073 0.008	7.745 0.021	7.153 0.022		35.810 792 65 35.810 561 71	-29.869 085 76 -29.869 386 42	24.51 24.51	-77.38 -97.45 -95.14 -126.86	1.72 1.33 1.47 1.67 1.10 3.99 4.31 1.47 3.07 2.35	A 213.7 1.301 -0.1 +0.034													
02233-0749	1	F CA	A 11136 B 11136	9.524 0.010 10.212 0.019	9.794 0.028 10.197 0.068	9.225 0.032 9.608 0.040		35.822 719 41 35.823 297 18	-7.818 076 88 -7.817 926 06	6.78 6.78	19.80 -20.63 19.80 -20.63	2.46 1.94 2.34 2.29 2.06 6.90 6.95 2.34 2.29 2.06	A 75.2 2.13													
02236-5433	1	F CA	A 11163 B 11163	8.693 0.005 10.660 0.028				35.910 842 64 35.910 882 69	-54.543 140 00 -54.542 992 86	2.63 2.63	22.87 10.40 22.87 10.40	1.07 1.25 1.09 1.04 1.24 8.73 7.08 1.09 1.04 1.24	A 9 0.54													
02237+6225	1	F CA	A 11166 B 11166	9.126 0.009 11.387 0.069	9.277 0.014	9.048 0.016		35.932 576 98 35.933 284 27	+62.416 813 12 +62.416 694 24	2.30 2.30	-0.07 -0.80 -0.07 -0.80	1.67 1.69 2.09 1.50 1.83 23.54 17.63 2.09 1.50 1.83	A 110 1.25													
02238+4920	1	F ND D	A 11168 B 11167	9.316 0.024 10.901 0.084	9.285 0.016 10.886 0.078	9.268 0.021 10.567 0.093		35.938 170 24 35.935 531 23	+49.338 718 39 +49.333 072 50	1.34 1.34	-6.60 0.88 -6.60 0.88	2.27 1.90 2.79 2.94 2.78 26.03 22.91 2.79 2.94 2.78	A 196.9 21.25													
02239+3330	1	F CA	A 11178 B 11178	7.984 0.004 11.272 0.081	8.025 0.007	7.927 0.011		35.978 681 66 35.978 327 11	+33.507 828 96 +33.507 660 89	2.40 2.40	-1.86 -3.40 -1.86 -3.40	1.08 0.91 1.31 1.23 1.01 22.24 18.16 1.31 1.23 1.01	A 240 1.22													
02239+5751	1	F CA	A 11175 B 11175	8.766 0.005 10.719 0.029				35.971 121 43 35.971 326 88	+57.848 673 46 +57.848 801 58	1.41 1.41	-9.43 -2.91 -9.43 -2.91	1.39 1.16 1.77 1.37 1.26 9.61 7.70 1.77 1.37 1.26	A 40 0.61													
02243+3950	1	F ND D	A 11206 B 11206	7.472 0.016 10.260 0.214				36.069 077 14 36.069 121 25	+39.828 839 85 +39.828 904 62	8.55 8.55	-2.54 -26.11 -2.54 -26.11	1.51 1.56 1.29 1.08 1.05 32.41 31.30 1.29 1.08 1.05	A 28 0.26													
02243-0155	1	F CA	A 11208 B 11208	9.514 0.026 10.603 0.070				36.072 513 66 36.072 477 17	-1.912 997 37 -1.912 925 45	7.54 7.54	46.46 3.29 46.46 3.29	3.54 4.80 2.19 1.97 1.78 9.37 10.23 2.19 1.97 1.78	A 333 0.29													
02244+1130	1	F NB	A 11217 B 11217	9.496 0.007 9.510 0.007	9.695 0.037 9.635 0.043	9.232 0.031 9.182 0.041		36.094 207 61 36.093 435 04	+11.501 871 70 +11.501 621 40	6.69 6.69	-2.89 6.58 -2.89 6.58	2.62 1.64 2.51 2.83 1.91 3.09 2.16 2.51 2.83 1.91	A 251.70 2.870													
02244-1810	1	F CA	A 11219 B 11219	9.017 0.007 10.219 0.021	10.018 0.033 10.516 0.069	8.932 0.022 9.679 0.055		36.098 982 44 36.100 353 15	-18.162 412 19 -18.163 032 51	5.87 5.87	23.40 -12.90 23.40 -12.90	1.54 1.35 1.78 1.57 1.33 5.47 5.34 1.78 1.57 1.33	A 115.5 5.193													
02245-0145	1	I CA	A 11227 B 11229	9.227 0.012 9.611 0.015	9.808 0.028 10.060 0.037	9.145 0.024 9.427 0.032		36.125 773 06 36.128 128 58	-1.749 861 87 -1.752 309 09	5.24 5.75	64.37 29.89 49.86 24.10	4.53 3.84 4.03 4.53 3.99 8.24 7.11 5.63 6.94 6.52	A 136.11 12.23 +0.07 -0.01													
02246-0554	1	F CA	A 11236 B 11236	10.143 0.010 10.565 0.015				36.161 846 44 36.161 860 45	-5.893 358 57 -5.893 198 64	6.99 6.99	19.53 -13.51 19.53 -13.51	3.64 4.56 3.30 3.92 5.40 6.09 6.51 3.30 3.92 5.40	A 5 0.58													
02247-2002	1	F CC	A 11241 B 11241	8.957 0.017 12.170 0.294	9.479 0.020	8.922 0.018		36.173 542 17 36.172 358 96	-20.039 461 41 -20.039 484 00	13.89 13.89	-10.81 -15.61 -10.81 -15.61	2.12 1.97 2.64 2.31 2.06 63.22 63.64 2.64 2.31 2.06	A 269 4.00													
02248-2952	1	F CA	A 11248 B 11248	8.759 0.008 8.988 0.010	8.986 0.020 9.268 0.024	8.560 0.025 8.843 0.017		36.203 425 87 36.202 879 81	-29.863 150 90 -29.863 237 73	8.14 8.14	68.24 -3.98 68.24 -3.98	2.03 1.70 2.08 2.09 1.54 3.54 3.73 2.08 2.09 1.54	A 259.6 1.733													
02249+3039	1	F CB	A 11253 B 11253	8.387 0.035 10.969 0.376				36.213 242 78 36.213 199 85	+30.647 178 37 +30.647 233 46	16.88 16.88	-40.55 -180.81 -40.55 -180.81	5.61 8.75 1.40 1.64 1.10 59.25 65.30 1.40 1.64 1.10	A 326 0.24													
02249-0207	1	F CA	A 11257 B 11257	9.205 0.006 9.427 0.007	9.568 0.025 9.825 0.028	9.039 0.024 9.278 0.027		36.224 025 42 36.221 885 23	-2.112 034 85 -2.112 136 10	4.05 4.05	68.56 -15.39 68.56 -15.39	2.76 2.37 2.84 2.80 2.60 4.78 4.03 2.84 2.80 2.60	A 267.29 7.71													
02250+2529	1	F CA	A 11265 B 11265	8.281 0.011 9.386 0.030				36.257 878 64 36.257 941 72	+25.486 930 13 +25.486 876 86	2.44 2.44	-14.62 2.83 -14.62 2.83	1.83 1.45 1.20 1.29 0.92 4.70 3.66 1.20 1.29 0.92	A 133 0.281													
02252-0936	1	F CA	A 11277 B 11277	8.665 0.005 11.530 0.068				36.305 818 13 36.305 595 15	-9.600 056 85 -9.599 973 81	5.00 5.00	40.56 16.88 40.56 16.88	1.78 1.53 1.72 1.86 1.57 25.56 27.48 1.72 1.86 1.57	A 291 0.85													



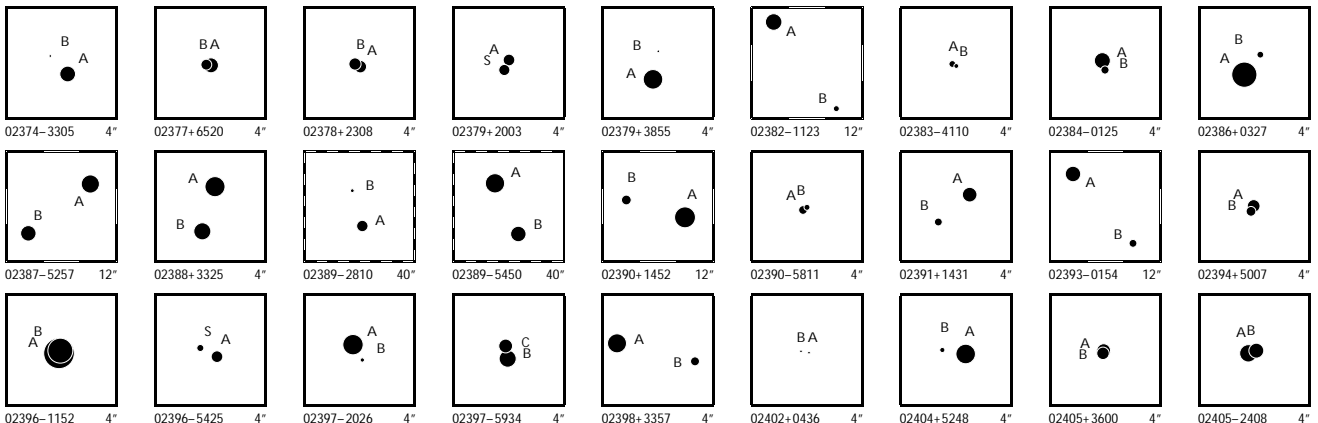
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
02292+6725	1	LCA	P	A 11569 B 11569	4.619 0.003 7.093 0.029	4.775 0.003 7.191 0.015	4.640 0.003 6.758 0.013	37.266 617 41 37.264 977 04	+67.402 383 85 +67.401 913 84	23.04 23.04	-27.92 -18.82	37.06 -8.29	0.57 7.57	0.70 8.03	0.80 0.80	0.59 5.00	0.70 5.78	A 233.3	2.831	-0.8	+0.020					
02294+5532	1	FCA	A	A 11593 B 11593	6.740 0.003 8.508 0.015	6.772 0.006 8.583 0.016	6.720 0.007 8.309 0.017	37.353 857 43 37.354 919 01	+55.536 232 41 +55.535 714 35	5.03 5.03	33.23 33.23	-12.84 -12.84	0.77 5.29	0.69 3.90	0.93 0.93	1.00 1.00	0.94 0.94	A 130.8	2.856							
02296+0934	1	FCA	A	A 11603 B 11603	6.286 0.004 9.817 0.089	7.433 0.007	6.208 0.004	37.397 326 74 37.397 596 21	+9.565 624 36 +9.565 290 88	11.40 11.40	-2.17 -2.17	2.01 2.01	0.85 27.73	0.66 13.41	0.85 0.85	1.01 1.01	0.73 0.73	A 141	1.54							
02296+6040	1	FCA	A	A 11604 B 11604	8.597 0.013 11.158 0.128	8.801 0.012 11.463 0.112	8.519 0.013 10.901 0.108	37.407 283 21 37.415 546 30	+60.657 276 56 +60.656 299 40	1.16 1.16	-2.72 -2.72	-1.19 -1.19	1.38 30.01	1.18 25.21	1.68 1.68	1.63 1.63	1.48 1.48	A 103.6	15.00							
02297-0216	1	FCA	A	A 11606 B 11606	9.127 0.012 10.468 0.040			37.428 813 67 37.428 948 40	-2.267 145 67 -2.267 117 35	5.91 5.91	25.86 25.86	2.05 2.05	2.58 9.00	1.79 7.18	2.45 2.45	2.39 2.39	2.16 2.16	A 78	0.50							
02299-1358	1	FND	D	A 11624 B 11624	8.921 0.010 12.680 0.302			37.486 369 93 37.486 425 65	-13.973 361 79 -13.973 222 69	3.58 3.58	13.53 13.53	-1.23 -1.23	1.99 96.36	1.70 67.56	1.89 1.89	1.90 1.90	1.77 1.77	A 21	0.54							
02299-5044	1	FCA	A	A 11620 B 11620	9.017 0.007 9.748 0.013			37.472 878 35 37.472 959 35	-50.732 888 68 -50.732 788 61	4.78 4.78	32.20 32.20	-2.65 -2.65	1.42 3.79	1.57 3.54	1.26 1.26	1.26 1.26	1.30 1.30	A 27	0.405							
02302-2511	1	LCA	P	A 11644 B 11644	6.686 0.003 9.145 0.027			37.556 974 41 37.557 129 87	-25.186 517 26 -25.186 486 44	9.39 9.39	80.35 96.18	30.95 38.62	0.99 7.83	0.83 8.30	0.92 0.92	0.83 5.04	0.72 5.51	A 78	0.518	0	+0.017					
02302-4315	1	FCA	A	A 11639 B 11639	9.259 0.009 12.030 0.113	9.608 0.016	9.203 0.017	37.539 962 45 37.540 646 41	-43.244 957 30 -43.241 664 00	4.20 4.20	13.56 13.56	13.06 13.06	1.19 21.02	1.29 27.05	1.49 1.49	1.34 1.34	1.30 1.30	A 8.6	11.99							
02303+7025	1	FND	D	A 11656 B 11656	9.392 0.009 13.121 0.258	9.665 0.018	9.335 0.020	37.584 034 28 37.584 061 21	+70.413 223 68 +70.412 793 49	3.46 3.46	4.33 4.33	-11.20 -11.20	1.27 70.77	1.34 73.03	1.78 1.78	1.50 1.50	1.68 1.68	A 179	1.55							
02304-3021	1	FCA	A	A 11660 B 11660	8.540 0.005 9.465 0.012	9.063 0.012 9.918 0.024	8.454 0.011 9.320 0.022	37.592 635 02 37.590 540 82	-30.352 058 59 -30.352 121 95	7.63 7.63	76.06 76.06	-25.51 -25.51	1.27 3.68	1.21 3.47	1.94 1.94	1.95 1.95	1.61 1.61	A 267.99	6.510							
02307-2201	1	FCA	A	A 11683 B 11683	10.682 0.009 11.813 0.024	11.282 0.082	10.458 0.059	37.672 902 94 37.674 767 09	-22.020 197 37 -22.021 022 54	7.94 7.94	-9.75 -9.75	3.00 3.00	2.73 9.57	2.58 9.29	3.41 3.41	3.39 3.39	2.66 2.66	A 115.5	6.89							
02312-7822	1	FCB	A	A 11715 B 11715	9.156 0.009 12.073 0.124	9.498 0.016	9.042 0.016	37.805 347 08 37.807 206 84	-78.366 779 82 -78.366 684 93	6.95 6.95	-7.75 -7.75	19.59 19.59	1.47 34.90	1.29 28.53	1.39 1.39	1.54 1.54	1.33 1.33	A 76	1.39							
02313+4624	1	FCA	A	A 11719 B 11719	7.198 0.003 10.517 0.050			37.815 340 40 37.815 056 73	+46.394 991 43 +46.394 867 73	8.72 8.72	-22.13 -22.13	-16.11 -16.11	0.73 11.78	0.60 9.89	0.89 0.89	0.89 0.89	0.80 0.80	A 238	0.83							
02314+4234	1	FCA	A	A 11731 B 11731	8.714 0.007 9.121 0.010			37.862 074 80 37.861 937 51	+42.563 466 69 +42.563 554 82	5.49 5.49	2.95 2.95	-13.59 -13.59	2.38 4.08	1.50 2.85	2.21 2.21	3.00 3.00	1.98 1.98	A 311	0.483							
02314+5559	1	FCA	A	A 11730 B 11730	9.568 0.018 11.663 0.121			37.858 614 31 37.858 749 77	+55.985 962 91 +55.985 892 25	4.68 4.68	20.00 20.00	-14.74 -14.74	3.46 20.54	3.04 19.39	2.73 2.73	2.31 2.31	2.49 2.49	A 133	0.37							
02315+0106	1	LCA	A	A 11737 B 11736	7.522 0.018 7.602 0.019	7.687 0.012 7.849 0.011	7.496 0.013 7.623 0.014	37.874 512 95 37.872 112 39	+1.094 293 43 +1.091 414 88	-3.75 -5.32	-49.18 -47.13	-34.69 -34.66	4.48 9.63	3.36 6.53	4.42 5.24	5.77 8.42	4.29 5.90	A 219.82	13.49	-0.01	0.00					
02316-2730	1	FCA	A	A 11744 B 11744	7.750 0.006 10.257 0.059	7.972 0.012	7.654 0.010	37.889 989 40 37.889 531 11	-27.504 595 38 -27.504 679 69	8.46 8.46	49.09 49.10	17.46 17.46	1.07 15.54	1.04 13.46	1.30 1.30	0.98 0.98	1.00 1.00	A 258.3	1.49							
02316-6335	1	FCB	A	A 11748 B 11748	8.857 0.007 12.433 0.197			37.897 418 19 37.897 776 89	-63.575 441 19 -63.575 514 75	1.99 1.99	7.30 7.30	10.10 10.10	1.39 40.05	1.35 42.14	1.24 1.24	1.41 1.41	1.43 1.43	A 115	0.63							
02317-4821	1	FCA	A	A 11756 B 11756	9.531 0.010 11.766 0.075	10.098 0.024 11.522 0.099	9.452 0.021 10.882 0.094	37.917 040 34 37.915 315 20	-48.352 279 35 -48.350 184 11	3.21 3.21	-3.53 -3.53	-32.84 -32.84	1.53 16.19	1.60 18.28	1.80 1.80	1.70 1.70	1.57 1.57	A 331.3	8.60							
02320+1822	1	LCA	A	A 11781 B 11781	8.604 0.006 9.159 0.010	9.106 0.022 9.722 0.037	8.537 0.020 9.010 0.031	38.012 086 59 38.012 054 02	+18.373 671 73 +18.375 655 16	9.56 9.56	-19.98 -31.39	-11.24 -6.01	2.08 4.76	1.52 3.15	1.93 1.93	1.96 4.24	1.54 2.36	A 359.11	7.141	-0.09	+0.005					
02322+0901	1	FCA	A	A 11793 B 11793	10.166 0.008 11.824 0.033			38.045 373 04 38.045 327 16	+9.014 506 17 +9.014 659 78	12.30 12.30	5.37 5.37	-111.10 -111.10	2.75 14.66	1.96 10.45	2.62 2.62	3.98 3.98	2.37 2.37	A 344	0.58							
02323+3542	1	FCA	A	A 11806 B 11806	8.318 0.005 10.602 0.038			38.066 417 26 38.066 361 74	+35.707 889 21 +35.707 644 79	4.85 4.85	57.89 57.89	-21.71 -21.71	1.30 11.90	0.97 7.14	1.39 1.39	1.44 1.44	1.26 1.26	A 190	0.89							
02324+6149	1	FCA	A	A 11818 B 11818	8.449 0.007 11.330 0.098	8.553 0.011	8.393 0.013	38.100 756 89 38.100 172 84	+61.808 653 91 +61.808 786 81	4.76 4.76	16.41 16.41	-19.03 -19.03	1.28 21.52	1.08 17.05	1.57 1.57	1.31 1.31	1.25 1.25	A 296	1.10							
02327+6127	1	FCA	A	A 11832 B 11832	8.072 0.007 10.678 0.076	8.467 0.012	7.993 0.013	38.177 244 26 38.182 952 17	+61.455 995 09 +61.455 662 83	2.01 2.01	-1.17 -1.17	-1.48 -1.48	1.16 15.03	1.01 13.14	1.34 1.34	1.28 1.28	1.18 1.18	A 96.9	9.89							
02327-0145	1	FCA	A	A 11830 B 11830	9.083 0.008 10.440 0.025			38.172 536 61 38.172 701 31	-1.756 473 18 -1.756 490 09	3.13 3.13	3.52 3.52	-6.06 -6.06	2.32 8.42	1.63 9.06	2.10 2.10	2.42 2.42	1.87 1.87	A 96	0.60							
02331+5828	1	FCA	A	A 11870 B 11870	8.392 0.004 8.423 0.005	8.430 0.013 8.479 0.010	8.243 0.014 8.277 0.010	38.286 060 70 38.286 681 07	+58.462 260 87 +58.462 687 42	6.54 6.54	-15.22 -15.22	-5.77 -5.77	1.70 3.71	1.49 2.53	2.23 2.23	2.08 2.08	1.88 1.88	A 37.3	1.929							



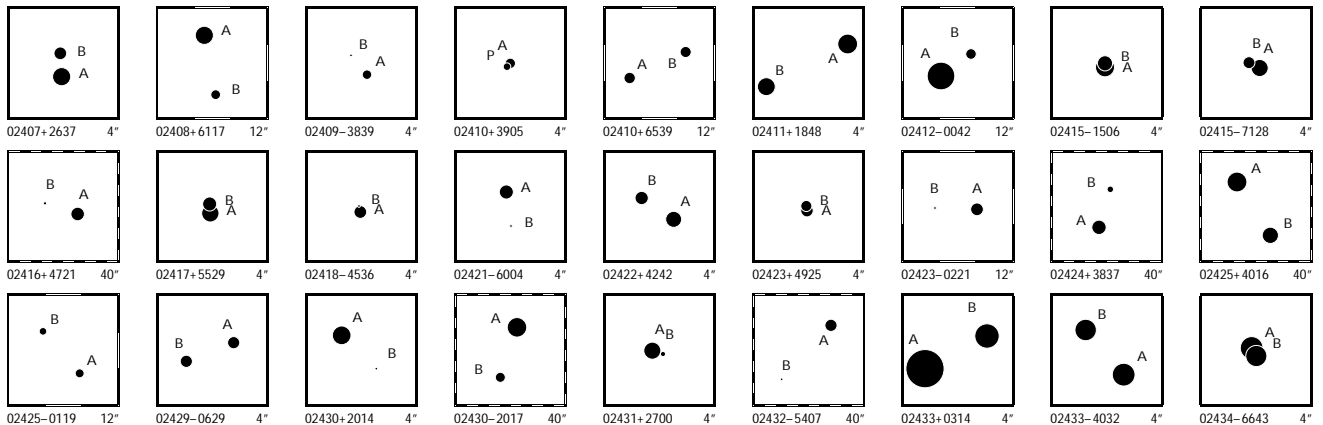
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
02332+4149	1	F	C	A 11871 B 11871	8.032 12.126	0.005 0.225					38.288 709 51 +41.817 669 85 38.288 344 00 +41.817 682 94	6.52 6.52	43.45 43.45	0.10 0.10	1.18 47.68	0.76 25.88	1.25 1.25	1.38 1.38	1.08 1.08	A 273	0.98				
02332+6000	1	F	C	A 11878 B 11878	7.681 10.930	0.005 0.095					38.306 416 83 +59.999 585 08 38.306 107 15 +59.999 596 16	3.53 3.53	-0.11 -0.11	-26.33 -26.33	1.16 22.37	0.85 23.45	1.16 1.16	0.97 0.97	0.89 0.89	A 274	0.56				
02332-5156	1	F	C	A 11877 B 11877	8.649 10.865	0.022 0.165					38.305 754 87 -51.938 650 05 38.305 715 48 -51.938 727 88	25.12 25.12	-33.77 -33.77	166.49 166.49	2.16 15.04	4.32 18.79	1.17 1.17	0.92 0.92	1.12 1.12	A 197	0.29				
02333+5619	1	F	N	A 11888 B 11888	9.690 9.821	0.031 0.036					38.326 451 53 +56.318 062 18 38.326 296 85 +56.317 820 23	-3.57 -3.57	8.94 8.94	-23.72 -23.72	6.55 3.43	5.57 3.75	3.17 3.17	2.75 2.75	3.40 3.40	A 200	0.92				
02334+5219	1	F	C	A 11889 B 11889	7.105 8.027	0.132 0.308					38.328 771 37 +52.308 974 80 38.328 722 79 +52.308 985 61	4.57 4.57	-15.04 -15.04	-9.85 -9.85	7.53 13.70	4.18 11.19	0.70 0.70	0.54 0.54	0.63 0.63	A 290	0.11				
02335-6912	1	F	C	A 11896 B 11896	9.201 12.015	0.010 0.119	10.612 0.035	9.170 0.018			38.372 529 35 -69.199 147 19 38.361 736 03 -69.201 419 05	2.93 2.93	-2.13 -2.13	1.76 1.76	1.02 31.66	1.17 32.89	1.10 1.10	1.02 1.02	1.20 1.20	A 239.3	16.04				
02336+5732	1	I	C	A 11898 B 11902	8.145 10.017	0.012 0.049	8.682 0.014	8.077 0.012	10.248 0.036	9.713 0.035	38.386 613 08 +57.537 433 48 38.390 819 82 +57.533 575 67	0.77 14.98	-1.05 -5.84	-3.36 13.63	1.75 18.61	1.44 12.59	1.83 13.11	1.90 18.24	1.72 13.01	A 20.18	23.56	-0.03	+0.01		
02336-3724	1	F	N	D	A 11903 B 11903	7.914 10.945	0.020 0.329				38.397 779 41 -37.407 353 41 38.397 723 52 -37.407 403 30	2.30 2.30	12.46 12.46	-3.94 -3.94	1.29 33.52	1.54 39.30	1.31 1.31	0.89 0.89	1.10 1.10	A 222	0.24				
02338-2814	1	F	C	A 11918 B 11918	4.955 7.878	0.002 0.034	4.891 0.003	4.952 0.003	7.907 0.034	7.711 0.032	38.461 301 70 -28.232 340 10 38.458 206 22 -28.233 606 81	7.19 7.19	-12.69 -12.69	-1.40 -1.40	0.58 7.31	0.55 9.10	0.78 0.78	0.61 0.61	0.63 0.63	A 245.09	10.83				
02340-1257	1	F	C	A 11931 B 11931	9.561 10.540	0.071 0.174					38.493 517 70 -12.951 095 41 38.493 529 90 -12.951 152 49	4.36 4.36	19.46 19.46	-16.81 -16.81	3.62 9.23	7.87 15.66	1.63 1.63	1.99 1.99	1.72 1.72	A 168	0.21				
02341-0538	1	F	C	A 11945 B 11945	8.007 8.106	0.007 0.007	9.222 0.040	7.970 0.026			38.531 169 04 -5.635 466 59 38.530 921 18 -5.634 489 33	4.80 4.80	26.84 26.84	25.54 25.54	1.91 3.18	1.80 2.59	2.10 2.10	2.29 2.29	2.20 2.20	A 345.8	3.628				
02342-1331	1	F	C	A 11955 B 11955	10.202 11.365	0.206 0.601					38.550 336 64 -13.523 661 37 38.550 298 90 -13.523 628 35	3.81 3.81	20.48 20.48	-11.37 -11.37	12.45 45.07	22.14 62.91	1.66 1.66	1.75 1.75	1.56 1.56	A 312	0.18				
02342-3131	1	F	C	A 11950 C 11950	8.083 8.902	0.100 0.213					38.543 946 36 -31.523 771 80 38.543 900 07 -31.523 757 82	8.03 8.03	-21.02 -21.02	-30.50 -30.50	7.57 12.82	4.42 10.67	0.99 0.99	0.92 0.92	0.77 0.77	A 290	0.15				
02351-1535	1	F	C	A 12026 B 12026	8.539 11.920	0.005 0.105	9.702 0.035	8.480 0.022			38.771 360 18 -15.583 166 26 38.772 122 91 -15.584 059 31	3.81 3.81	-6.80 -6.80	-5.52 -5.52	1.05 30.18	1.06 30.10	1.41 1.41	1.20 1.20	1.11 1.11	A 140.6	4.16				
02357+4411	1	F	C	A 12077 B 12077	9.460 9.653	0.008 0.010	9.373 0.022	9.195 0.020	9.494 0.026	9.349 0.036	38.925 871 32 +44.190 020 02 38.925 725 38 +44.189 607 84	2.30 2.30	1.79 1.79	-6.39 -6.39	3.19 4.99	1.69 2.39	2.77 2.77	4.56 4.56	2.90 2.90	B 194.2	1.531				
02359-1515	1	F	C	A 12095 B 12095	9.571 11.600	0.007 0.047					38.970 568 96 -15.241 702 50 38.970 755 36 -15.241 510 54	6.14 6.14	-19.59 -19.59	-21.48 -21.48	1.47 11.54	1.59 12.58	1.84 1.84	1.68 1.68	1.67 1.67	A 43	0.95				
02360-2124	1	I	C	A 12105 B 12108	7.214 9.044	0.009 0.039	8.234 0.011	7.150 0.007	9.210 0.018	8.829 0.018	38.997 611 57 -21.403 708 25 39.001 969 09 -21.404 272 69	7.33 5.83	-1.69 -4.24	10.91 11.25	1.78 14.70	1.65 10.91	1.72 6.21	1.95 7.24	1.70 6.27	A 97.92	14.75	0.00	0.00		
02361+2924	1	F	C	A 12115 B 12115	7.214 9.678	0.012 0.113					39.017 931 41 +29.403 807 93 39.017 874 05 +29.403 884 19	3.00 3.00	10.49 10.49	-6.87 -6.87	2.13 14.15	2.52 12.63	1.49 1.49	1.73 1.73	1.25 1.25	A 327	0.33				
02361+7944	1	F	C	A 12121 B 12121	8.237 8.489	0.010 0.013					39.033 059 24 +79.729 110 58 39.032 930 35 +79.729 031 55	3.61 3.61	25.85 25.85	-21.42 -21.42	1.53 2.56	1.60 2.28	0.81 0.81	0.74 0.74	0.82 0.82	A 196	0.296				
02363+4012	1	F	C	A 12136 B 12136	7.653 9.676	0.029 0.189					39.078 686 10 +40.204 866 39 39.078 785 30 +40.204 894 17	0.43 0.43	2.17 2.17	-7.44 -7.44	4.77 21.40	2.08 11.31	1.19 1.19	1.18 1.18	1.05 1.05	A 70	0.29				
02366-1439	1	F	C	A 12146 B 12146	7.127 10.573	0.004 0.102					39.141 556 19 -14.656 659 95 39.141 712 24 -14.656 504 54	8.14 8.14	-35.59 -35.59	-28.52 -28.52	1.11 28.76	1.04 19.29	1.23 1.23	1.35 1.35	1.07 1.07	A 44	0.78				
02368-0334	1	F	C	A 12171 B 12171	9.183 10.408	0.007 0.021					39.212 219 75 -3.569 889 14 39.212 170 72 -3.570 122 92	3.16 3.16	-0.60 -0.60	-8.09 -8.09	2.02 8.24	1.99 6.12	2.14 2.14	2.24 2.24	2.16 2.16	A 191.8	0.86				
02370+5954	1	F	C	A 12178 B 12178	7.852 11.094	0.007 0.121	8.061 0.010	7.794 0.010	10.956 0.230	11.380 0.640	39.230 366 31 +59.883 636 44 39.231 472 78 +59.882 970 28	1.43 1.43	8.98 8.98	-12.14 -12.14	1.01 20.70	0.80 14.96	1.18 1.18	0.97 0.97	0.89 0.89	A 140.2	3.12				
02370-3056	1	F	C	A 12192 B 12192	9.120 11.175	0.028 0.182					39.258 699 68 -30.932 997 15 39.258 610 07 -30.933 004 33	4.97 4.97	-7.76 -7.76	13.65 13.65	4.72 21.57	3.07 21.55	1.76 1.76	1.85 1.85	1.40 1.40	A 265	0.28				
02371-0600	1	F	C	A 12195 B 12195	10.662 10.794	0.048 0.055					39.266 780 13 -6.002 110 76 39.266 803 67 -6.002 175 79	4.74 4.74	17.35 17.35	-91.44 -91.44	6.57 5.42	7.95 7.56	2.91 2.91	2.55 2.55	2.72 2.72	A 160	0.25				
02371-1112	1	L	C	A 12204 B 12204	8.373 9.917	0.005 0.022					39.285 830 03 -11.197 611 41 39.285 852 92 -11.197 457 41	15.61 15.61	43.25 63.01	25.96 28.74	1.74 7.86	1.64 6.57	1.54 1.54	1.58 5.63	1.46 4.57	A 8	0.560	+2	+0.006		
02372+3024	1	F	C	A 12207 B 12207	7.767 10.316	0.004 0.044					39.293 973 00 +30.407 839 78 39.294 154 16 +30.407 764 19	4.60 4.60	5.19 5.19	-9.09 -9.09	1.58 19.16	1.12 16.27	1.56 1.56	1.95 1.95	1.35 1.35	A 116	0.62				



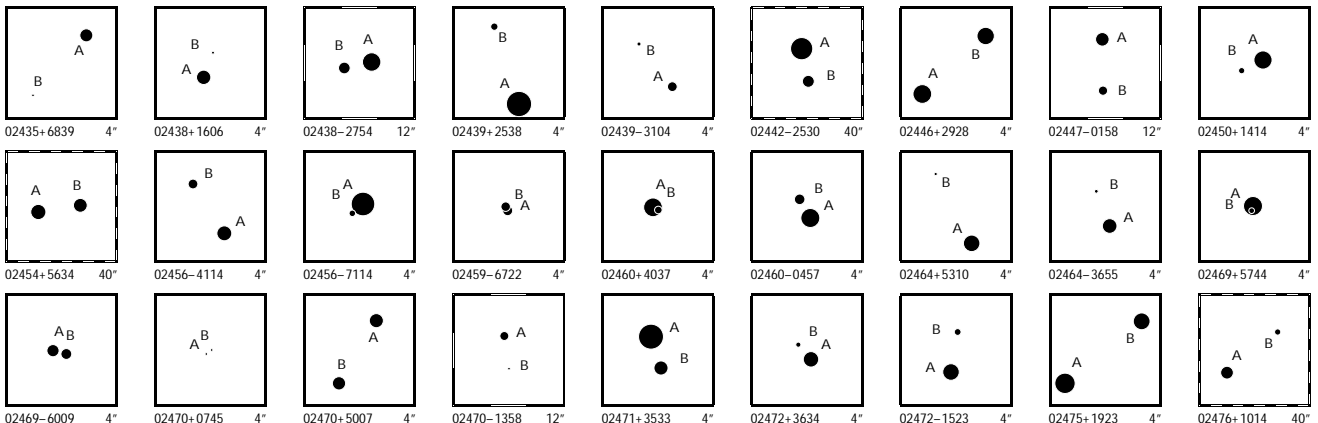
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _I	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
02374+3305	1	FND	D	A 12224 B 12224	8.539 0.006 12.784 0.271						39.349 729 00 39.349 937 54	-33.075 475 05 -33.075 289 37	8.30 8.30	-47.36 -47.36	-52.21 -52.21	0.93 63.15	1.16 89.04	1.42 1.42	1.04 1.04	1.14 1.14	A	43		0.92	
02377+6520	1	FCA	A	A 12243 B 12243	8.670 0.040 9.596 0.094						39.414 650 17 39.414 782 03	+65.340 564 92 +65.340 568 13	1.76 1.76	12.09 12.09	-5.29 -5.29	4.29 7.89	2.92 6.71	1.00 1.00	0.58 0.58	0.86 0.86	A	87		0.198	
02378+2308	1	FND	D	A 12257 B 12257	9.263 0.075 9.275 0.076						39.455 201 43 39.455 263 83	+23.128 542 09 +23.128 572 60	9.08 9.08	34.35 34.35	-39.94 -39.94	8.57 7.50	4.96 4.21	1.49 1.49	1.60 1.60	1.18 1.18	A	62		0.23	
02379+2003	1	FCA	A	A 12266 S 12266	9.436 0.009 9.566 0.010						39.479 737 95 39.479 791 48	+20.052 688 76 +20.052 593 40	2.76 2.76	14.40 14.40	-8.04 -8.04	3.17 3.45	2.37 2.69	2.69 3.08	3.08 2.26	2.26 2.26	A	152		0.388	
02379+3855	1	FCA	A	A 12265 B 12265	7.699 0.005 11.447 0.151	7.788 0.008	7.624 0.009				39.477 026 93 39.476 947 86	+38.918 608 96 +38.918 902 46	6.29 6.29	-11.83 -11.83	-19.27 -19.27	0.99 30.32	0.83 22.05	1.07 1.07	1.11 1.11	1.21 1.21	A	348		1.08	
02382-1123	1	FCA	A	A 12279 B 12279	8.323 0.007 10.702 0.063	9.403 0.021	8.262 0.014				39.542 097 77 39.540 127 08	-11.384 981 55 -11.387 649 13	3.93 3.93	35.11 35.11	6.96 6.96	1.54 14.31	1.29 16.77	1.55 1.55	1.61 1.61	1.41 1.41	A	215.9	11.86		
02383-4110	1	LCA	A	A 12290 B 12290	10.513 0.108 10.892 0.154						39.582 979 96 39.582 920 98	-41.161 529 04 -41.161 544 20	5.07 5.07	-26.58 -32.90	1.70 36.94	9.43 11.07	7.52 10.26	1.27 1.27	2.38 3.15	4.52 5.97	A	251	0.169 +12	-0.005	
02384-0125	1	FCA	A	A 12301 B 12301	8.486 0.010 10.193 0.049						39.605 215 19 39.605 187 65	-1.408 605 59 -1.408 704 40	4.28 4.28	26.21 26.21	-8.19 -8.19	2.56 14.13	2.29 8.17	1.94 1.94	2.35 2.35	1.84 1.84	A	196		0.37	
02386+0327	1	FCC	A	A 12318 B 12318	6.396 0.003 10.511 0.130						39.653 264 55 39.653 110 86	+3.443 185 49 +3.443 385 99	7.46 7.46	34.89 34.89	7.94 7.94	0.99 36.85	0.76 24.60	1.08 1.08	1.21 1.21	1.17 1.17	A	323		0.91	
02387-5257	1	FCA	A	A 12326 B 12326	7.972 0.007 8.575 0.011	8.445 0.011	7.872 0.012	8.462 0.025			39.684 199 73 39.687 349 57	-52.950 967 11 -52.952 482 76	16.31 16.31	72.69 72.69	48.81 48.81	1.34 3.62	1.50 3.76	1.47 1.47	1.30 1.30	1.34 1.34	A	128.61	8.743		
02388+3325	1	FCA	A	A 12328 B 12328	7.538 0.005 8.212 0.010	8.750 0.017	7.395 0.014	8.090 0.016			39.691 206 64 39.691 362 51	+33.419 116 48 +33.418 653 99	3.64 3.64	18.36 18.36	-11.65 -11.65	1.40 4.39	0.94 2.54	1.40 1.40	1.49 1.49	1.16 1.16	A	164.3	1.730		
02389-2810	1	ICA	A	A 12336 B 12337	9.461 0.009 11.165 0.037	9.889 0.019	9.340 0.018	10.856 0.070			39.717 063 41 39.718 194 81	-28.166 032 84 -28.162 407 98	5.28 5.53	16.23 10.71	-28.80 -30.55	2.18 14.94	1.97 12.73	2.52 14.40	2.76 13.27	3.18 15.88	A	15.39	13.53	-0.02	0.00
02389-5450	1	ICA	A	A 12345 B 12342	7.729 0.030 8.586 0.054	8.041 0.008	7.639 0.008	8.505 0.017			39.736 487 87 39.732 346 70	-54.837 206 10 -54.842 416 23	5.14 8.80	17.89 19.22	-14.16 -7.25	1.87 10.53	1.99 11.35	1.65 4.49	2.19 5.95	2.17 5.81	A	204.59	20.63	0.00	-0.01
02390+1452	1	FCA	A	A 12349 B 12349	7.388 0.005 9.849 0.041	8.740 0.015	7.329 0.009	9.613 0.052			39.749 050 92 39.750 924 67	+14.860 472 46 +14.861 003 82	5.21 5.21	20.94 20.94	-11.87 -11.87	1.19 14.98	0.98 7.74	1.23 1.23	1.45 1.45	1.09 1.09	A	73.6	6.79		
02390-5811	1	FCA	A	A 12351 B 12351	10.077 0.146 10.692 0.258						39.755 009 94 39.754 920 51	-58.187 229 86 -58.187 203 13	60.51 60.51	-18.96 -18.96	30.33 30.33	10.89 19.30	9.33 19.41	1.30 1.30	1.26 1.26	1.33 1.33	A	300		0.20	
02391+1431	1	FCA	A	A 12359 B 12359	8.733 0.007 10.274 0.029	9.098 0.020	8.601 0.019				39.776 266 42 39.776 608 43	+14.505 150 04 +14.504 873 32	9.89 9.89	-14.87 -14.87	-13.03 -13.03	1.67 8.50	1.36 6.71	1.74 1.74	2.00 2.00	1.51 1.51	A	129.9	1.55		
02393-0154	1	ICA	A	A 12376 B 12375	8.605 0.008 10.284 0.034	9.369 0.020	8.523 0.016				39.827 267 39 39.825 432 36	-1.900 995 51 -1.903 141 67	8.32 6.86	65.97 72.45	-2.10 10.77	3.20 21.19	2.96 17.13	2.88 6.79	4.08 18.70	3.42 17.54	A	220.5	10.16	0.0	-0.01
02394+5007	1	FCA	A	A 12382 B 12382	9.183 0.060 9.820 0.108						39.849 865 35 39.849 903 49	+50.119 688 78 +50.119 636 56	3.65 3.65	-9.61 -9.61	-8.16 -8.16	3.32 5.97	5.82 9.23	1.40 1.40	1.21 1.21	1.11 1.11	A	155		0.21	
02396-1152	1	FCB	A	A 12390 B 12390	5.216 0.135 6.503 0.442						39.890 553 23 39.890 534 53	-11.871 588 69 -11.871 558 36	36.99 36.99	172.01 172.01	-236.31 -236.31	4.87 15.61	7.27 21.95	1.76 1.76	1.55 1.55	1.31 1.31	A	329		0.13	
02396-5425	1	FCA	A	A 12397 S 12397	9.439 0.006 10.423 0.015						39.908 071 02 39.908 360 12	-54.416 865 01 -54.416 774 43	9.91 9.91	-24.54 -24.54	-18.24 -18.24	1.63 4.67	1.84 5.52	1.74 1.74	1.73 1.73	1.84 1.84	A	61.7	0.688		
02397-2026	1	FCB	A	A 12399 B 12399	7.504 0.004 11.059 0.102						39.914 423 75 39.914 319 97	-20.427 610 15 -20.427 769 85	7.68 7.68	-119.23 -119.23	-185.07 -185.07	0.85 29.12	0.92 19.81	1.06 1.06	0.92 0.92	0.93 0.93	A	211		0.67	
02397-5934	1	FCA	B	A 12405 C 12405	8.201 0.007 8.920 0.012						39.935 838 11 39.935 875 44	-59.568 720 07 -59.568 598 93	3.95 3.95	18.88 18.88	0.25 0.25	1.28 3.82	1.44 3.14	1.09 1.09	0.94 0.94	1.20 1.20	B	9		0.441	
02398+3357	1	FCA	A	A 12417 B 12417	7.828 0.003 10.026 0.021	8.932 0.015	7.780 0.009	9.503 0.040			39.961 072 40 39.960 113 66	+33.949 272 59 +33.949 091 47	1.57 1.57	-2.85 -2.85	-20.12 -20.12	1.11 9.40	0.79 4.91	1.23 1.23	1.28 1.28	1.10 1.10	A	257.2	2.94		
02402+0436	1	FCA	A	A 12446 B 12446	11.579 0.125 11.942 0.174						40.059 259 98 40.059 340 79	+4.598 849 14 +4.598 860 40	15.56 15.56	72.08 72.08	-38.80 -38.80	15.06 30.48	7.38 17.87	4.69 4.69	4.42 4.42	3.91 3.91	A	82		0.29	
02404+5248	1	FCA	A	A 12454 B 12454	7.679 0.003 10.885 0.061						40.090 773 00 40.091 167 86	+52.804 120 00 +52.804 158 75	3.80 3.80	15.26 15.26	-12.24 -12.24	0.80 13.99	0.63 11.83	1.04 1.04	0.85 0.85	1.02 1.02	A	81		0.87	
02405+3600	1	FCC	P	A 12465 B 12465	8.953 0.480 9.217 0.612						40.130 296 85 40.130 300 54	+36.005 894 77 +36.005 867 91	1.86 1.86	20.47 20.47	-9.26 -9.26	10.25 12.40	25.97 22.47	1.11 1.11	0.97 0.97	0.93 0.93	A	174		0.10	
02405-2408	1	FCA	A	A 12466 B 12466	8.149 0.021 8.684 0.034						40.131 220 03 40.131 140 43	-24.135 416 98 -24.135 394 66	4.00 4.00	21.74 21.74	16.73 16.73	3.44 4.87	2.45 4.68	1.05 1.05	1.13 1.13	0.84 0.84	A	287		0.274	



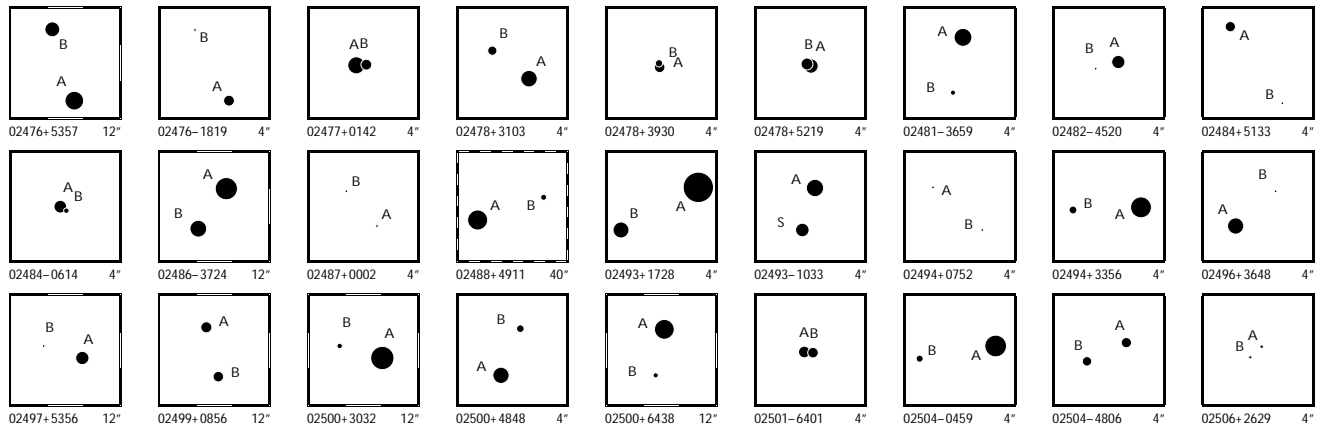
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	σ	σ	σ	α	δ	μ_{α^*}		μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
02407+2637	1	L CA	A 12491 B 12491	7.960 0.004 9.181 0.011							40.175 977 16 +26.622 312 81 40.175 995 36 +26.622 551 92	13.85 13.85	94.11 -3.61 81.84 0.18	1.36 0.95 1.25 1.34 1.02 5.22 3.40 1.25 3.82 2.88	A 3.9 0.863 -0.8 +0.003										
02408+6117	1	L CA	A 12495 B 12495	7.997 0.009 9.846 0.050	8.480 0.009 10.380 0.035	7.901 0.009 9.883 0.036					40.187 290 39 +61.282 237 08 40.186 564 55 +61.280 419 04	-2.97 -2.97	-5.76 3.05 24.51 -8.49	1.88 1.56 2.23 1.72 1.63 12.87 9.43 2.23 9.44 9.63	A 190.9 6.66 -0.3 +0.01										
02409-3839	1	F CA	A 12504 B 12504	9.897 0.008 12.525 0.086							40.220 726 46 -38.651 220 93 40.220 932 06 -38.651 032 56	0.95 0.95	-1.51 2.53 -1.51 2.53	1.44 1.61 1.87 1.78 1.88 22.15 28.44 1.87 1.78 1.88	A 40 0.89										
02410+3905	1	F CA	A 12509 P 12509	9.734 0.162 10.331 0.281							40.244 115 36 +39.079 723 34 40.244 161 63 +39.079 692 47	20.09 20.09	66.93 72.33 66.93 72.33	10.92 8.92 1.65 1.50 1.79 18.17 15.68 1.65 1.50 1.79	A 131 0.17										
02410+6539	1	F CA D	A 12512 B 12512	9.459 0.007 9.522 0.007	10.289 0.022 10.410 0.024	9.368 0.016 9.391 0.016					40.260 256 39 +65.644 123 45 40.256 120 43 +65.644 912 31	20.22 20.22	112.42 -62.72 112.42 -62.72	1.74 2.47 3.28 1.81 2.86 3.31 4.55 3.28 1.81 2.86	A 294.82 6.765										
02411+1848	1	F CA	A 12518 B 12518	7.636 0.005 8.034 0.006	7.595 0.052 7.963 0.015	7.515 0.048 7.918 0.023					40.277 477 96 +18.800 206 49 40.278 355 98 +18.799 765 16	0.81 0.81	-2.00 -13.00 -2.00 -13.00	1.62 1.13 1.71 2.28 1.34 3.16 1.89 1.71 2.28 1.34	A 117.97 3.388										
02412-0042	1	F CB	A 12530 B 12530	5.871 0.003 9.675 0.103	6.342 0.004 5.810 0.003						40.307 795 17 -0.695 348 47 40.306 898 41 -0.694 689 43	46.24 46.24	218.94 -125.30 218.94 -125.30	1.25 1.20 1.31 1.77 1.39 41.36 22.25 1.31 1.77 1.39	A 306 4.01										
02415-1506	1	F CA	A 12554 B 12554	7.771 0.167 8.652 0.376							40.375 488 47 -15.100 552 62 40.375 491 75 -15.100 516 62	13.59 13.59	91.34 -66.10 91.34 -66.10	9.57 11.25 1.00 1.18 0.87 22.93 21.47 1.00 1.18 0.87	A 5 0.13										
02415-7128	1	L CA	A 12548 B 12548	8.224 0.006 9.370 0.016							40.362 580 01 -71.462 334 99 40.362 925 19 -71.462 284 83	18.80 18.80	142.03 -73.35 146.76 -54.31	1.47 1.34 1.09 1.10 1.33 4.55 4.54 1.09 3.29 4.28	A 65 0.434 -2 +0.012										
02416+4721	1	L CA P	A 12565 B 12565	9.000 0.006 11.256 0.045	9.254 0.012 8.899 0.013						40.395 440 70 +47.356 404 11 40.400 359 07 +47.357 447 05	5.06 5.06	50.54 -43.75 11.95 0.10	1.68 1.51 2.22 1.60 1.61 22.37 21.95 2.22 20.89 21.03	A 72.6 12.57 -0.2 -0.02										
02417+5529	1	F CA	A 12575 B 12575	8.161 0.010 8.871 0.019							40.428 178 94 +55.481 571 23 40.428 199 22 +55.481 666 87	4.35 4.35	-6.14 -8.48 -6.14 -8.48	1.74 1.82 1.24 0.92 1.19 4.54 3.21 1.24 0.92 1.19	A 7 0.347										
02418-4536	1	F CB	A 12583 B 12583	9.171 0.041 11.493 0.345							40.449 069 13 -45.602 783 38 40.449 089 07 -45.602 719 29	4.15 4.15	15.65 8.01 15.65 8.01	4.75 5.99 1.20 1.16 1.09 33.57 36.06 1.20 1.16 1.09	A 12 0.24										
02421-6004	1	F CB	A 12612 B 12612	8.906 0.010 11.904 0.160	9.909 0.021 8.801 0.014						40.535 567 27 -60.064 424 44 40.535 488 04 -60.064 771 20	4.73 4.73	25.94 20.64 25.94 20.64	1.60 1.64 1.61 1.71 1.63 29.40 40.67 1.61 1.71 1.63	A 187 1.26										
02422+4242	1	F CA	A 12619 B 12619	8.442 0.007 9.077 0.013	8.139 0.015 8.143 0.019						40.554 720 44 +42.699 229 20 40.555 159 45 +42.699 450 47	2.69 2.69	-0.07 -5.79 -0.07 -5.79	2.12 1.98 2.51 1.77 2.14 5.87 6.57 2.51 1.77 2.14	A 55.6 1.41										
02423+4925	1	F CA	A 12632 B 12632	9.219 0.081 9.521 0.106							40.582 177 94 +49.416 240 25 40.582 187 40 +49.416 288 78	2.24 2.24	27.71 -12.76 27.71 -12.76	5.32 7.37 1.17 0.92 0.94 6.93 8.27 1.17 0.92 0.94	A 7 0.176										
02423-0221	1	F ND D	A 12631 B 12631	9.186 0.009 12.592 0.197	10.392 0.048 9.110 0.028						40.578 217 29 -2.351 888 43 40.579 509 37 -2.351 842 16	26.81 26.81	172.32 21.48 172.32 21.48	1.81 1.59 2.65 3.12 2.49 59.83 45.43 2.65 3.12 2.49	A 88 4.65										
02424+3837	1	I CA	A 12638 B 12635	8.841 0.011 10.550 0.042	9.608 0.023 11.197 0.073	8.820 0.018 10.191 0.049					40.588 550 43 +38.618 936 82 40.587 033 20 +38.622 806 19	19.93 22.27	82.84 -110.65 106.95 -102.80	2.90 1.97 2.81 3.07 3.08 22.55 11.82 8.29 16.60 12.38	A 343.0 14.57 +0.1 0.00										
02425+4016	1	I CA	A 12648 B 12645	7.613 0.012 8.388 0.021	7.531 0.013 8.386 0.017	7.541 0.014 8.317 0.021					40.622 788 22 +40.261 309 22 40.618 396 96 +40.255 854 82	-0.44 4.20	20.30 -25.56 22.44 -25.21	2.20 1.56 2.03 2.46 2.32 10.20 7.00 7.11 8.07 7.63	A 211.57 23.05 0.00 0.00										
02425-0119	1	F CA	A 12644 B 12644	10.029 0.014 10.326 0.018	10.324 0.037 9.932 0.040						40.612 338 19 -1.321 501 66 40.613 457 01 -1.320 218 25	1.49 1.49	-15.92 16.27 -15.92 16.27	4.12 3.63 4.17 5.42 4.37 9.12 6.71 4.17 5.42 4.37	A 41.1 6.13										
02429-0629	1	F CA	A 12677 B 12677	9.277 0.006 9.279 0.006							40.718 559 95 -6.489 068 09 40.719 042 92 -6.489 260 77	7.19 7.19	65.88 -59.32 65.88 -59.32	4.79 2.74 3.72 4.97 2.80 6.11 5.67 3.72 4.97 2.80	A 111.9 1.862										
02430+2014	1	F CA	A 12688 B 12688	7.843 0.004 11.415 0.108	9.090 0.017 7.774 0.010						40.754 303 67 +20.230 622 36 40.753 917 00 +20.230 276 13	3.79 3.79	5.97 -10.78 5.97 -10.78	1.14 0.79 1.14 1.34 0.98 28.02 18.30 1.14 1.34 0.98	A 226 1.81										
02430-2017	1	I CA	A 12681 B 12683	7.705 0.014 9.750 0.074	8.799 0.013 10.513 0.036	7.656 0.009 9.356 0.023					40.739 166 31 -20.289 274 22 40.740 941 51 -20.294 424 63	3.81 10.31	67.16 22.05 14.84 -13.23	1.67 1.70 1.77 1.64 1.72 21.64 25.04 13.50 17.05 17.11	A 162.1 19.49 +0.2 +0.02										
02431+2700	1	F CA	A 12696 B 12696	8.196 0.011 10.846 0.130							40.770 164 36 +27.004 094 53 40.770 048 00 +27.004 054 93	4.68 4.68	-6.36 -9.09 -6.36 -9.09	2.26 1.26 1.36 1.65 1.17 25.10 13.22 1.36 1.65 1.17	A 249 0.40										
02432-5407	1	F ND D	A 12702 B 12703	9.317 0.019 12.850 0.352	10.806 0.044 9.321 0.021						40.803 115 14 -54.111 924 35 40.811 628 89 -54.117 431 71	3.39 3.39	35.05 9.53 35.05 9.53	2.53 3.01 2.46 2.59 2.90 78.75 79.47 2.46 2.59 2.90	A 137.8 26.76										
02433+0314	1	F CA	A 12706 B 12706	3.563 0.007 6.629 0.109	3.686 0.007 6.366 0.029	3.576 0.005 5.948 0.030					40.825 518 97 +3.236 171 62 40.824 878 37 +3.236 505 28	39.78 39.78	-146.43 -145.27 -146.43 -145.27	1.04 0.83 0.95 1.05 0.95 28.14 15.17 0.95 1.05 0.95	A 297.6 2.60										
02433-4032	1	L CA	A 12708 B 12708	6.985 0.004 7.270 0.005	6.908 0.009 7.175 0.010	6.929 0.009 7.178 0.008					40.834 267 02 -40.527 939 63 40.834 783 36 -40.527 487 77	5.95 5.95	14.73 14.11 20.01 18.79	0.90 1.00 1.07 0.79 0.90 1.85 1.95 1.07 1.10 1.20	A 40.98 2.155 +0.02 +0.007										
02434-6643	1	L CA	A 12717 B 12717	6.940 0.008 7.311 0.012							40.860 271 68 -66.714 055 73 40.860 142 84 -66.714 132 98	18.36 18.36	98.55 -80.68 118.15 -54.78	1.20 1.21 0.59 0.69 0.63 2.25 1.97 0.59 1.13 0.90	A 213.4 0.333 -0.4 -0.032										



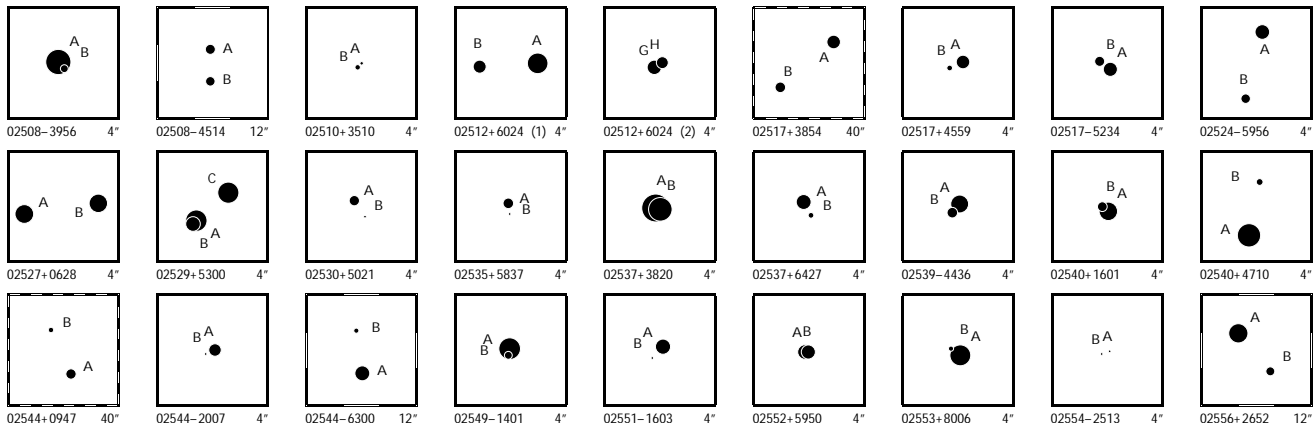
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
02435+6839	1	FND	D	A 12722 B 12722	9.148 0.007 12.721 0.186	9.717 0.017	9.085 0.015	40.879 637 54 40.881 130 01	+68.652 740 76 +68.652 126 77	1.37 1.37	-3.29 -3.29	-3.79 -3.79	1.00 1.28 1.60 42.97 50.56 1.60	1.08 1.44 1.08 1.44	A 138	2.95											
02438+1606	1	FCA	A	A 12742 B 12742	8.815 0.005 11.317 0.046			40.954 602 31 40.954 497 56	+16.104 149 14 +16.104 408 41	9.22 9.22	23.46 23.46	-83.34 -83.34	1.42 1.00 1.47 14.73 10.40 1.47	1.66 1.16 1.66 1.16	A 339	1.00											
02438-2754	1	FCA	A	A 12739 B 12739	7.897 0.004 9.449 0.016	8.941 0.015 9.750 0.026	7.826 0.010 9.190 0.026	40.938 640 78 40.939 604 58	-27.899 342 28 -27.899 505 62	4.11 4.11	37.28 37.28	15.83 15.83	1.03 1.01 1.43 4.43 5.32 1.43	1.04 1.29 1.04 1.29	A 100.9	3.122											
02439+2538	1	FCB	A	A 12744 B 12744	6.436 0.003 10.363 0.111	6.490 0.006	6.404 0.006	40.963 530 93 40.963 823 20	+25.638 332 02 +25.639 120 32	9.27 9.27	-5.20 -5.20	4.38 4.38	1.00 0.79 1.01 39.12 28.21 1.01	1.08 0.89 1.08 0.89	A 18	2.99											
02439-3104	1	FCA	A	A 12752 B 12752	9.862 0.009 11.121 0.027	10.444 0.030	9.719 0.025	40.977 479 67 40.977 884 86	-31.062 982 38 -31.062 542 79	6.05 6.05	-1.53 -1.53	-2.25 -2.25	1.69 1.89 2.32 7.66 8.50 2.32	2.22 2.16 2.22 2.16	A 38.3	2.02											
02442-2530	1	ICA	A	A 12780 B 12779	7.094 0.007 9.331 0.055	7.725 0.007 10.090 0.029	7.023 0.006 9.117 0.019	41.060 452 70 41.059 681 41	-25.495 519 01 -25.498 880 25	23.80 16.85	164.51 146.24	51.88 61.40	2.21 1.72 2.46 18.58 13.22 9.33	2.64 1.99 16.40 11.23	A 191.7	12.36	+0.1	-0.01									
02446+2928	1	FCA	A	A 12808 B 12808	7.836 0.007 8.179 0.009	8.471 0.090	8.080 0.092	41.153 397 28 41.152 665 75	+29.460 310 92 +29.460 914 03	11.99 11.99	37.07 37.07	-55.32 -55.32	2.56 1.36 2.36 4.46 3.62 2.36	2.54 1.63 2.54 1.63	A 313.4	3.158											
02447-0158	1	FCA	A	A 12812 B 12812	9.002 0.005 9.973 0.012	9.330 0.017 10.191 0.027	8.873 0.016 9.796 0.028	41.166 163 05 41.166 139 70	-1.961 816 52 -1.963 417 21	2.70 2.70	-13.99 -13.99	-3.54 -3.54	2.34 2.01 3.20 7.46 3.91 3.20	3.87 2.90 3.87 2.90	A 180.8	5.763											
02450+1414	1	FCA	A	A 12838 B 12838	7.995 0.004 10.648 0.050			41.260 046 86 41.260 269 98	+14.237 632 73 +14.237 526 89	10.78 10.78	-27.67 -27.67	-33.59 -33.59	1.49 1.32 1.62 26.44 29.61 1.62	1.82 1.50 1.82 1.50	A 116	0.87											
02454+5634	1	INB	A	A 12866 B 12865	8.627 0.026 8.930 0.031	8.614 0.011 8.953 0.012	8.481 0.013 8.838 0.015	41.353 130 45 41.345 241 90	+56.563 727 84 +56.564 362 28	-2.67 3.19	10.13 6.96	-6.01 0.01	10.00 6.45 6.07 6.40 4.65 6.77	6.84 7.00 7.46 7.46	A 278.31	15.81	+0.02	0.00									
02456-4114	1	FCA	A	A 12885 B 12885	8.713 0.005 9.828 0.014	9.058 0.012 10.064 0.030	8.581 0.013 9.449 0.027	41.406 334 52 41.406 760 42	-41.232 434 07 -41.231 926 55	8.80 8.80	-16.90 -16.90	1.89 1.89	1.04 1.22 1.38 4.27 4.47 1.38	1.15 1.24 1.15 1.24	A 32.3	2.160											
02456-7114	1	FCA	A	A 12884 B 12884	6.793 0.017 10.558 0.091			41.403 571 39 41.403 897 39	-71.235 956 06 -71.236 051 94	17.22 17.22	63.60 63.60	2.53 2.53	0.76 0.76 0.65 24.07 25.47 0.65	0.61 0.72 0.61 0.72	A 132	0.51											
02459-6722	1	FCA	A	A 12902 B 12902	9.786 0.198 9.880 0.216			41.464 500 27 41.464 552 10	-67.369 374 56 -67.369 334 75	4.63 4.63	25.32 25.32	-37.07 -37.07	8.92 10.64 0.89 10.11 17.95 0.89	0.73 0.88 0.73 0.88	A 27	0.16											
02460+4037	1	FCB	A	A 12911 B 12911	7.868 0.042 10.305 0.394			41.497 670 42 41.497 595 73	+40.612 032 17 +40.612 000 28	7.14 7.14	23.44 23.44	-38.21 -38.21	12.55 5.35 1.16 123.99 58.27 1.16	1.16 1.26 1.16 1.26	A 241	0.23											
02460-0457	1	FCA	A	A 12912 B 12912	7.803 0.004 9.667 0.022			41.498 306 52 41.498 411 03	-4.956 478 70 -4.956 291 15	11.64 11.64	52.85 52.85	5.93 5.93	1.41 0.94 1.36 10.42 4.98 1.36	1.63 1.16 1.63 1.16	A 29	0.77											
02464+5310	1	FCA	A	A 12936 B 12936	8.337 0.005 11.276 0.074	10.490 0.032	8.448 0.012	41.588 289 72 41.588 906 45	+53.162 971 44 +53.163 676 30	-2.24 -2.24	-0.05 -0.05	-2.64 -2.64	1.21 1.09 1.47 22.76 20.07 1.47	1.10 1.33 1.10 1.33	A 27.7	2.87											
02464-3655	1	FCA	A	A 12940 B 12940	8.783 0.007 11.179 0.061	9.126 0.012	8.667 0.012	41.608 168 10 41.608 332 59	-36.909 699 83 -36.909 346 51	8.28 8.28	53.24 53.24	32.09 32.09	1.15 1.32 1.57 13.01 20.75 1.57	1.25 1.35 1.25 1.35	A 20	1.36											
02469+5744	1	FCC	A	A 12972 B 12972	7.778 0.057 10.740 0.864			41.714 374 09 41.714 414 95	+57.733 805 55 +57.733 759 79	1.08 1.08	0.10 0.10	-2.14 -2.14	4.59 5.40 1.05 59.94 51.23 1.05	0.95 0.92 0.95 0.92	A 155	0.18											
02469-6009	1	FCA	A	A 12973 B 12973	9.284 0.008 9.603 0.011			41.716 733 45 41.716 464 59	-60.149 506 50 -60.149 548 55	8.95 8.95	-8.51 -8.51	-65.67 -65.67	2.21 1.80 1.81 3.33 3.45 1.81	2.15 1.75 2.15 1.75	A 252.6	0.505											
02470+0745	1	FCB	A	A 12986 B 12986	12.115 0.199 13.443 0.675			41.752 552 48 41.752 495 56	+7.747 275 43 +7.747 320 85	10.15 10.15	-27.40 -27.40	-64.23 -64.23	20.51 18.19 5.78 114.93 101.19 5.78	7.39 5.54 7.39 5.54	A 309	0.26											
02470+5007	1	FCA	A	A 12984 B 12984	8.908 0.007 9.054 0.008	9.328 0.020 9.475 0.022	8.734 0.019 8.898 0.020	41.750 688 42 41.751 287 10	+50.124 625 55 +50.123 976 99	14.65 14.65	5.04 5.04	0.75 0.75	1.78 1.55 2.24 3.23 3.15 2.24	1.92 1.72 1.92 1.72	A 149.4	2.713											
02470-1358	1	FCA	A	A 12983 B 12983	10.001 0.011 11.676 0.050	10.981 0.058	9.932 0.037	41.750 000 25 41.749 865 32	-13.962 567 91 -13.963 546 52	2.93 2.93	7.78 7.78	-2.74 -2.74	2.58 2.04 2.37 13.11 13.16 2.37	3.09 2.43 3.09 2.43	A 187.6	3.55											
02471+3533	1	FCA	A	A 12990 B 12990	6.460 0.006 8.894 0.051	6.704 0.008	6.331 0.008	41.765 011 43 41.764 879 98	+35.554 813 58 +35.554 492 89	21.24 21.24	-39.11 -39.11	-54.84 -54.84	1.19 0.92 1.25 18.69 16.69 1.25	1.06 1.09 1.06 1.09	A 198	1.22											
02472+3634	1	FCA	A	A 13009 B 13009	8.565 0.007 10.884 0.054			41.797 097 48 41.797 254 75	+36.563 518 05 +36.563 661 29	4.90 4.90	0.77 0.77	-9.97 -9.97	1.54 1.36 1.68 17.75 10.49 1.68	1.41 1.55 1.41 1.55	A 41	0.69											
02472-1523	1	FCA	A	A 13002 B 13002	8.321 0.008 10.519 0.059	8.637 0.013	8.199 0.013	41.788 561 04 41.788 497 19	-15.377 215 79 -15.376 811 59	6.29 6.29	25.93 25.93	12.50 12.50	1.51 1.36 1.55 12.67 13.49 1.55	1.74 1.44 1.74 1.44	A 351	1.47											
02475+1923	1	FCA	A	A 13027 B 13027	7.484 0.006 8.276 0.012	8.064 0.013	7.386 0.017	41.863 952 48 41.863 121 55	+19.372 210 52 +19.372 849 96	30.66 30.66	117.81 117.81	-160.26 -160.26	2.07 1.44 1.86 8.77 3.62 1.86	2.09 1.55 2.09 1.55	A 309.2	3.64											
02476+1014	1	IND	D	A 13043 B 13042	9.178 0.030 10.592 0.085	9.644 0.029 10.868 0.080	9.067 0.028 10.251 0.077	41.906 044 89 41.900 789 11	+10.226 370 01 +10.230 538 58	7.50 11.18	52.84 43.95	-46.74 -36.85	3.39 3.40 3.27 31.95 29.61 17.11	4.38 3.95 23.53 21.61	A 308.9	23.91	0.0	+0.01									



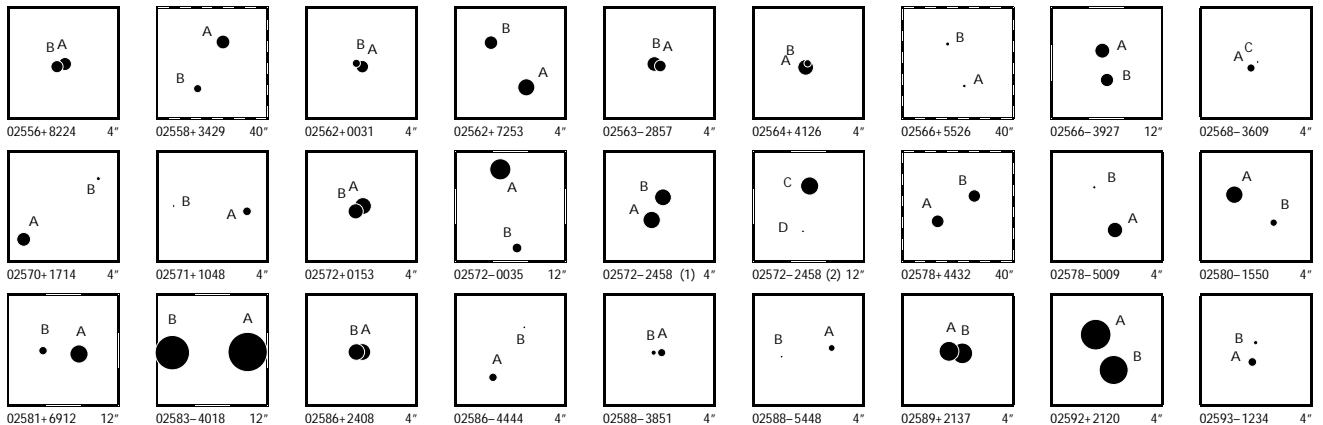
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B_T	σ	V_T	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	deg	deg	17	18	19	20	21	22	23	24	25	26	27	28	29
02476+5357	1	F CA	A 13049 B 13049	7.835 0.005 8.698 0.011	8.973 0.015 8.972 0.017	7.824 0.010 8.670 0.018		41.911 427 08 +53.943 288 03 41.912 557 24 +53.945 474 38	0.38 0.38	6.71 -7.65 6.71 -7.65	1.34 1.16 1.62 1.56 1.34 3.88 3.29 1.62 1.56 1.34	A 16.92 8.227																
02476-1819	1	F CA	A 13048 B 13048	9.578 0.010 12.500 0.137	10.089 0.030	9.520 0.028		41.911 991 28 -18.317 383 25 41.911 359 35 -18.316 658 26	5.54 5.54	32.25 7.04 32.25 7.04	1.98 2.00 2.53 1.97 2.08 37.42 38.70 2.53 1.97 2.08	A 26 2.90																
02477+0142	1	F CA	A 13050 B 13050	8.224 0.012 9.618 0.044				41.916 150 28 +1.705 435 20 41.916 056 03 +1.705 445 88	1.61 1.61	-2.03 -14.70 -2.03 -14.70	2.82 2.97 2.10 1.93 2.11 9.80 12.43 2.10 1.93 2.11	A 276 0.34																
02478+3103	1	F CA	A 13053 B 13053	8.313 0.005 9.945 0.021	9.044 0.016	8.125 0.012		41.938 064 96 +31.052 941 59 41.938 500 45 +31.053 225 25	5.67 5.67	-7.33 -22.72 -7.33 -22.72	1.61 0.96 1.75 1.63 1.35 7.48 5.26 1.75 1.63 1.35	A 52.8 1.69																
02478+3930	1	F CB	A 13057 B 13057	9.688 0.365 10.363 0.679				41.949 520 19 +39.504 130 66 41.949 538 12 +39.504 168 25	6.75 6.75	32.84 -10.59 32.84 -10.59	16.45 22.87 1.56 1.34 1.11 31.41 44.45 1.56 1.34 1.11	A 20 0.14																
02478+5219	1	F CC	A 13058 B 13058	8.839 0.223 9.383 0.368				41.954 098 21 +52.321 512 14 41.954 172 27 +52.321 527 51	2.47 2.47	-7.32 -6.45 -7.32 -6.45	20.77 9.31 1.58 1.36 1.30 22.44 11.76 1.58 1.36 1.30	A 71 0.17																
02481-3659	1	F CA	A 13080 B 13080	8.039 0.005 10.888 0.060	8.583 0.009	7.973 0.008		42.032 981 14 -36.981 667 64 42.033 112 45 -36.982 239 18	6.13 6.13	21.77 32.08 21.77 32.08	0.77 0.86 1.06 0.84 0.96 12.04 12.17 1.06 0.84 0.96	A 169.6 2.09																
02482-4520	1	F CA	A 13083 B 13083	9.054 0.006 11.981 0.079				42.047 914 94 -45.326 217 51 42.048 256 43 -45.326 276 31	3.23 3.23	8.76 -1.36 8.76 -1.36	1.28 1.27 1.46 1.44 1.52 24.28 31.82 1.46 1.44 1.52	A 104 0.89																
02484+5133	1	F CC	A 13097 B 13097	9.746 0.010 13.128 0.211	9.818 0.025	9.637 0.030		42.100 987 31 +51.543 228 71 42.100 144 01 +51.542 438 74	2.68 2.68	-2.34 0.31 -2.34 0.31	1.72 1.52 2.26 2.21 1.93 55.08 39.63 2.26 2.21 1.93	A 214 3.41																
02484-0614	1	F CA	A 13096 B 13096	9.164 0.059 10.786 0.261				42.097 745 13 -6.236 589 31 42.097 682 20 -6.236 630 17	3.71 3.71	-11.70 -1.05 -11.70 -1.05	7.81 5.50 1.44 1.72 1.49 23.83 16.97 1.44 1.72 1.49	A 237 0.27																
02486-3724	1	F CA	A 13112 B 13112	7.057 0.003 8.290 0.010	7.382 0.007 8.710 0.016	6.983 0.008 8.114 0.015		42.158 264 98 -37.401 137 32 42.159 354 12 -37.402 353 93	17.81 17.81	81.14 55.60 81.14 55.60	0.75 0.83 1.10 0.83 0.92 3.24 3.42 1.10 0.83 0.92	A 144.58 5.374																
02487+0002	1	F ND	A 13117 B 13117	12.244 0.080 12.887 0.143				42.180 076 00 +0.034 316 50 42.180 389 90 +0.034 661 27	29.67 29.67	494.62 78.24 494.62 78.24	10.06 8.17 9.34 8.70 11.24 37.63 34.55 9.34 8.70 11.24	A 42 1.68																
02488+4911	1	INC	A 13124 B 13123	7.572 0.009 10.705 0.120	7.577 0.007 11.078 0.067	7.540 0.008 10.724 0.077		42.209 026 43 +49.183 910 87 42.198 636 42 +49.186 275 66	3.56 -9.18	12.26 -13.06 -4.08 -13.20	1.29 1.20 1.53 1.37 1.34 37.02 30.41 26.33 26.01 23.80	A 289.2 25.89 0.0 +0.02																
02493+1728	1	F CA	A 13165 B 13165	5.301 0.003 8.461 0.053	5.201 0.003 8.249 0.051	5.305 0.004 7.945 0.055		42.323 157 08 +17.464 344 48 42.323 994 99 +17.463 904 88	5.41 5.41	3.65 -14.61 3.65 -14.61	0.90 0.79 1.06 1.18 0.88 17.44 11.93 1.06 1.18 0.88	A 118.8 3.28																
02493-1033	1	L CA	A 13168 S 13168	8.155 0.007 9.010 0.016	8.600 0.016 9.579 0.055	7.975 0.016 8.723 0.025		42.332 640 43 -10.550 430 96 42.332 776 44 -10.550 861 14	17.85 17.85	102.64 -46.20 96.72 -34.49	1.64 1.43 1.58 1.45 1.50 6.95 5.10 1.58 6.46 4.81	A 162.7 1.622 +0.1 -0.013																
02494+0752	1	F ND	A 13173 B 13173	12.454 0.070 13.699 0.219				42.356 518 59 +7.866 468 24 42.356 009 79 +7.866 028 39	20.51 20.51	-65.09 23.31 -65.09 23.31	8.73 6.85 8.55 9.05 8.19 71.88 59.31 8.55 9.05 8.19	A 229 2.41																
02494+3356	1	F CA	A 13175 B 13175	7.386 0.005 10.247 0.061	7.533 0.010	7.339 0.011		42.361 161 07 +33.936 254 33 42.361 996 36 +33.936 228 72	8.74 8.74	11.33 4.23 11.33 4.23	1.29 1.04 1.35 1.30 1.14 21.58 10.05 1.35 1.30 1.14	A 92.1 2.50																
02496+3648	1	F CA	A 13180 B 13180	8.370 0.005 11.463 0.070	8.598 0.014	8.315 0.015		42.394 213 24 +36.808 166 50 42.393 691 41 +36.808 515 96	8.00 8.00	33.41 -28.55 33.41 -28.55	1.20 1.02 1.22 1.07 1.13 20.86 17.88 1.22 1.07 1.13	A 310 1.96																
02497+5356	1	F ND	A 13187 B 13187	9.042 0.012 12.600 0.314	9.359 0.017	9.003 0.018		42.425 489 91 +53.927 106 35 42.427 515 90 +53.927 490 81	0.81 0.81	-3.47 -2.35 -3.47 -2.35	1.60 1.18 1.63 1.72 1.45 64.11 46.92 1.63 1.72 1.45	A 72 4.51																
02499+0856	1	F CA	A 13199 B 13199	9.568 0.024 9.641 0.025	9.984 0.038 10.162 0.049	9.380 0.035 9.493 0.042		42.468 115 61 +8.939 678 75 42.467 736 40 +8.938 153 06	-0.85 -0.85	51.51 -24.64 51.51 -24.64	4.48 3.31 4.89 5.38 4.66 7.58 5.42 4.89 5.38 4.66	A 193.8 5.66																
02500+3032	1	F CC	A 13210 B 13210	6.833 0.003 10.787 0.121	7.168 0.005	6.774 0.005		42.501 296 74 +30.526 328 98 42.502 805 18 +30.526 697 13	15.68 15.68	41.46 -49.61 41.46 -49.61	1.00 0.67 1.00 1.17 0.98 46.87 28.59 1.00 1.17 0.98	A 74.2 4.86																
02500+4848	1	F CA	A 13206 B 13206	8.419 0.013 10.343 0.073	9.088 0.015	8.308 0.012		42.490 402 63 +48.802 123 45 42.490 097 08 +48.802 600 89	1.73 1.73	-0.29 -9.50 -0.29 -9.50	1.98 1.95 2.69 2.19 2.57 16.67 13.70 2.69 2.19 2.57	A 337 1.87																
02500+6438	1	F CA	A 13208 B 13208	7.598 0.004 10.856 0.077	7.876 0.007 10.804 0.064	7.534 0.006 10.341 0.069		42.492 198 69 +64.630 809 55 42.492 815 80 +64.629 365 42	2.97 2.97	4.76 -5.16 4.76 -5.16	0.75 0.86 1.06 0.79 0.94 22.49 21.23 1.06 0.79 0.94	A 169.6 5.29																
02501-6401	1	F CA	A 13216 B 13216	9.434 0.022 9.671 0.027				42.529 674 04 -64.019 387 61 42.529 493 44 -64.019 391 68	10.10 10.10	35.82 -18.08 35.82 -18.08	3.43 2.01 1.01 1.17 1.12 4.23 3.61 1.01 1.17 1.12	A 267 0.285																
02504-0459	1	F CA	A 13233 B 13233	7.228 0.003 10.437 0.047	7.279 0.007	7.182 0.005		42.589 456 70 -4.986 425 43 42.590 240 26 -4.986 560 01	7.12 7.12	-20.66 0.11 -20.66 0.11	0.98 0.77 1.03 1.12 0.87 21.66 12.49 1.03 1.12 0.87	A 99.8 2.85																
02504-4806	1	F CA	A 13243 B 13243	9.720 0.010 9.888 0.012	9.889 0.036 10.000 0.046	9.215 0.030 9.412 0.054		42.609 597 61 -48.106 998 47 42.610 204 10 -48.107 193 39	10.12 10.12	45.72 0.33 45.72 0.33	1.84 1.87 1.88 2.08 1.78 3.64 3.44 1.88 2.08 1.78	A 115.7 1.618																
02506+2629	1	F CA	A 13261 B 13261	11.204 0.010 11.263 0.010				42.655 105 30 +26.489 770 41 42.655 231 03 +26.489 665 71	5.97 5.97	18.27 -15.15 18.27 -15.15	6.91 3.58 4.52 10.24 5.02 9.87 5.51 4.52 10.24 5.02	A 133 0.553																



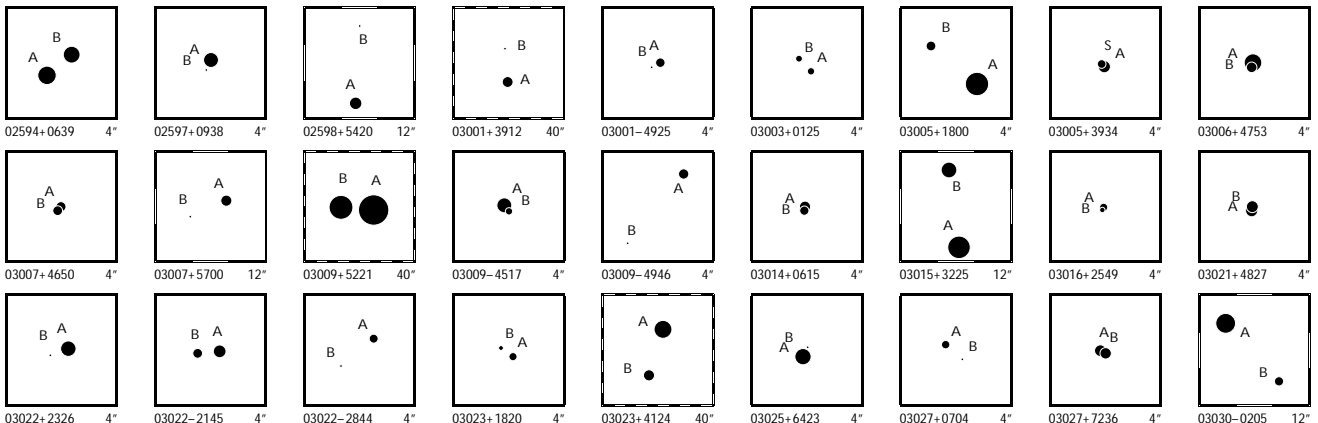
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
02508-3956	1	F C C	A 13271 B 13271	6.417 0.008 10.235 0.275							42.699 061 66 42.698 983 41	-39.932 199 29 -39.932 262 63	10.02 10.02	42.30 42.30	-10.16 -10.16	1.53 1.76 0.77 35.61 35.35 0.77	0.66 0.73 0.66 0.73	A 223	0.31						
02508-4514	1	F C A	A 13273 B 13273	9.763 0.010 9.892 0.011	10.159 0.026 10.219 0.027	9.579 0.024 9.693 0.027					42.711 876 40 42.711 858 56	-45.239 921 04 -45.240 893 08	8.64 8.64	-6.25 -6.25	-34.66 -34.66	2.06 2.10 2.23 4.05 4.53 2.23	2.56 2.79 2.56 2.79	A 180.7	3.50						
02510+3510	1	F C A	B 13287 A 13287	10.773 0.121 11.213 0.182							42.756 806 62 42.756 752 54	+35.161 205 31 +35.161 242 67	2.14 2.14	3.31 3.31	-8.44 -8.44	9.19 10.90 3.11 17.94 20.73 3.11	2.33 2.07 2.33 2.07	B 310	0.21						
02512+6024	1	F C A	A 13296 B 13296	7.430 0.005 9.091 0.022	7.676 0.008 9.207 0.027	7.351 0.009 8.812 0.043					42.783 234 35 42.784 441 89	+60.417 744 39 +60.417 714 82	1.98 1.98	-1.38 -1.38	-0.69 -0.69	1.02 0.80 1.17 5.67 4.55 1.17	1.15 1.10 1.15 1.10	A 92.8	2.15						
	2	F C A	G 13308 H 13308	8.821 0.033 9.345 0.053							42.810 201 45 42.810 037 47	+60.386 080 60 +60.386 126 19	0.42 0.42	8.08 8.08	-7.13 -7.13	3.58 3.26 1.85 6.56 7.62 1.85	2.03 1.75 2.03 1.75	G 299	0.33						
02517+3854	1	L F D	D A 13340 B 13344	8.972 0.159 9.674 0.248	9.431 0.026 10.630 0.058	8.929 0.026 10.706 0.099					42.926 362 62 42.933 304 94	+38.901 442 78 +38.896 774 64	5.19 5.19	-50.38 -63.08	-40.99 -69.39	2.36 1.95 2.08 32.70 24.37 2.08	2.38 2.37 37.32 28.57	A 130.8	25.70	+0.1	+0.01				
02517+4559	1	F C A	A 13336 B 13336	8.974 0.005 10.717 0.022							42.913 125 98 42.913 320 06	+45.980 064 04 +45.980 005 17	15.95 15.95	487.66 487.66	-285.73 -285.73	1.86 1.61 2.10 11.21 11.20 2.10	2.09 2.33 2.09 2.33	A 114	0.53						
02517-5234	1	F C A	P A 13341 B 13341	8.877 0.005 9.769 0.012							42.928 022 80 42.928 209 64	-52.559 230 01 -52.559 149 04	11.12 11.12	-10.77 -10.77	-108.39 -108.39	1.28 1.23 1.22 3.15 3.23 1.22	1.07 1.11 1.07 1.11	A 54.5	0.502						
02524-5956	1	F C A	A 13399 B 13399	8.746 0.005 9.900 0.014	9.503 0.018 10.133 0.047	8.594 0.013 9.420 0.032					43.110 032 25 43.110 385 62	-59.931 624 26 -59.932 302 70	10.51 10.51	14.57 14.57	-144.14 -144.14	1.12 1.18 1.13 3.78 5.15 1.13	1.12 1.37 1.12 1.37	A 165.4	2.52						
02527+0628	1	F C A	A 13408 B 13408	7.833 0.006 7.907 0.006	7.783 0.015 7.845 0.018	7.809 0.019 7.841 0.018					43.165 144 20 43.164 385 10	+6.474 845 49 +6.474 959 64	3.96 3.96	21.86 21.86	-12.60 -12.60	1.97 2.01 1.99 4.25 3.11 1.99	2.12 2.21 2.12 2.21	A 278.6	2.746						
02529+5300	1	F N B	G A 13424 C 13424 B 13424	7.255 0.022 7.293 0.007 8.778 0.297	6.968 0.042 6.967 0.038						43.216 762 86 43.216 229 16 43.216 830 56	+52.997 397 13 +52.997 688 43 +52.997 360 30	3.23 3.23 3.23	0.22 0.22 0.22	-15.25 -15.25 -15.25	2.72 2.39 1.11 3.91 2.72 1.11 16.81 18.67 1.11	0.79 1.05 0.79 1.05 0.79 1.05	A 312.2 A 132	1.56 0.20						
02530+5021	1	F C A	A 13432 B 13432	9.725 0.013 11.663 0.074							43.241 030 39 43.240 859 51	+50.354 580 01 +50.354 426 85	2.93 2.93	-19.74 -19.74	3.17 3.17	2.32 2.22 3.08 18.89 17.43 3.08	2.30 2.66 2.30 2.66	A 215	0.68						
02535+5837	1	F C A	A 13472 B 13472	9.675 0.016 12.644 0.236							43.376 280 16 43.376 239 58	+58.612 299 58 +58.612 183 43	2.48 2.48	-0.54 -0.54	-0.81 -0.81	2.69 3.41 2.72 54.64 32.72 2.72	2.57 2.59 2.57 2.59	A 190	0.43						
02537+3820	1	F C A	A 13490 B 13490	5.794 0.077 6.800 0.194							43.427 425 24 43.427 368 21	+38.337 683 76 +38.337 667 47	13.87 13.87	47.62 47.62	-78.48 -78.48	6.38 2.31 0.86 13.96 6.52 0.86	0.76 0.83 0.76 0.83	A 250	0.17						
02537+6427	1	F C A	A 13487 B 13487	8.716 0.006 10.715 0.033							43.418 703 86 43.418 536 35	+64.451 986 52 +64.451 853 45	3.83 3.83	1.55 1.55	-0.59 -0.59	1.11 1.38 1.52 8.03 8.47 1.52	1.12 1.34 1.12 1.34	A 208	0.55						
02539-4436	1	L C A	A 13498 B 13498	8.064 0.006 9.642 0.024							43.462 758 48 43.462 866 97	-44.605 797 33 -44.605 890 83	14.84 14.84	106.04 88.38	55.90 56.95	1.31 1.48 1.13 6.40 7.42 1.13	1.03 1.13 4.46 4.29	A 140	0.437	+2	-0.012				
02540+1601	1	F C A	A 13509 B 13509	7.919 0.028 9.838 0.162							43.497 617 32 43.497 683 60	+16.020 450 95 +16.020 493 50	5.20 5.20	10.18 10.18	-5.65 -5.65	10.77 5.02 2.05 64.18 29.01 2.05	2.79 1.65 2.79 1.65	A 56	0.28						
02540+4710	1	F C B	A 13512 B 13512	6.831 0.004 10.520 0.101	6.830 0.006 6.813 0.006						43.504 040 67 43.503 885 33	+47.160 923 08 +47.161 472 61	2.48 2.48	8.72 8.72	-12.04 -12.04	0.78 0.77 1.02 32.09 22.10 1.02	1.07 1.06 1.07 1.06	A 349	2.01						
02544+0947	1	I C A	A 13543 B 13544	9.745 0.037 10.816 0.080	10.351 0.046 11.452 0.128	9.647 0.039 10.778 0.117					43.604 571 20 43.606 662 04	+9.772 828 30 +9.777 368 97	9.35 6.78	21.11 18.06	-4.80 6.80	4.73 4.17 4.09 26.31 25.88 12.27	5.34 4.35 15.91 13.00	A 24.41	17.95	-0.02	+0.01				
02544-2007	1	F C A	A 13542 B 13542	9.231 0.009 11.587 0.080							43.601 357 33 43.601 456 19	-20.117 104 08 -20.117 148 97	10.84 10.84	215.62 215.62	43.45 43.45	2.24 2.12 1.91 20.15 22.14 1.91	1.74 1.61 1.74 1.61	A 116	0.37						
02544-6300	1	F C A	A 13541 B 13541	8.670 0.007 10.832 0.050	9.078 0.018 11.451 0.163	8.574 0.018 10.374 0.097					43.596 205 87 43.596 583 92	-63.005 784 53 -63.004 460 54	7.03 7.03	-2.68 -2.68	-9.69 -9.69	1.12 1.23 1.19 9.37 10.85 1.19	1.24 1.42 1.24 1.42	A 7.4	4.81						
02549-1401	1	F C B	A 13578 B 13578	7.222 0.018 10.240 0.283							43.725 769 16 43.725 789 08	-14.024 844 48 -14.024 915 94	4.03 4.03	-16.10 -16.10	-4.80 -4.80	2.54 2.73 1.19 39.73 34.45 1.19	1.31 1.08 1.31 1.08	A 165	0.27						
02551-1603	1	F C B	A 13590 B 13590	8.631 0.011 12.149 0.263							43.782 373 30 43.782 480 23	-16.047 169 75 -16.047 287 80	3.91 3.91	-2.20 -2.20	-11.02 -11.02	1.83 2.35 1.42 43.86 42.49 1.42	1.42 1.26 1.42 1.26	A 139	0.56						
02552+5950	1	F C B	A 13597 B 13597	8.757 0.487 8.865 0.538							43.802 703 19 43.802 643 81	+59.829 320 34 +59.829 327 41	6.63 6.63	-12.36 -12.36	-7.41 -7.41	22.96 5.97 1.07 29.03 9.19 1.07	0.88 1.04 0.88 1.04	A 283	0.11						
02553+8006	1	F C A	A 13602 B 13602	7.402 0.004 10.887 0.098							43.825 208 42 43.825 746 60	+80.106 608 24 +80.106 678 87	3.37 3.37	-3.23 -3.23	5.38 5.38	0.98 1.07 0.80 23.40 29.35 0.80	0.67 0.83 0.67 0.83	A 53	0.42						
02554-2513	1	L C A	A 13610 B 13610	12.174 0.114 12.250 0.122							43.845 827 21 43.845 919 34	-25.224 542 36 -25.224 568 21	35.24 35.24	315.29 364.00	-107.97 -64.71	11.74 10.66 3.81 18.09 22.55 3.81	6.19 6.25 9.42 10.12	A 107	0.31	-10	+0.03				
02556+2652	1	L C A	A 13642 B 13642	7.728 0.003 10.018 0.025	8.732 0.016 7.646 0.011						43.912 023 72 43.910 909 34	+26.873 682 05 +26.872 507 92	43.71 43.71	262.72 270.14	-191.44 -167.72	1.50 0.85 1.26 12.77 6.61 1.26	1.86 1.15 10.94 7.52	A 220.3	5.54	+0.1	-0.02				



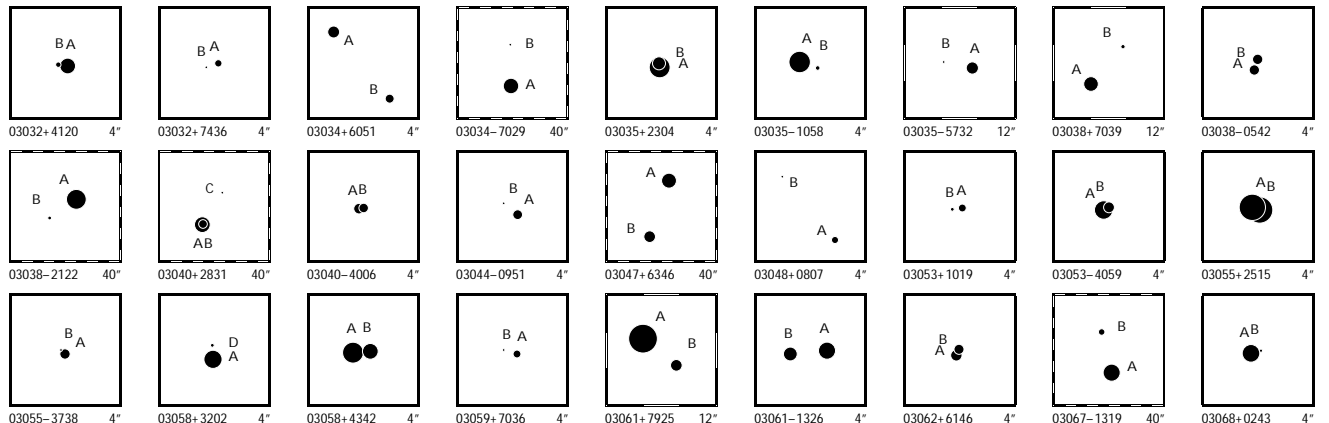
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
02556+8224	1	LCA	A 13637 B 13637	9.118 0.019 9.321 0.023					43.902 654 75 +82.399 931 64 43.903 225 99 +82.399 910 43	7.29 7.29	13.87 -11.16 8.61 1.75	3.36 3.43 1.03 1.37 2.07 3.52 3.26 1.03 1.58 2.49	A 106	0.282 -2 -0.009											
02558+3429	1	IND	D	A 13652 B 13653	8.936 0.044 10.198 0.117	11.014 0.062 11.631 0.123	8.972 0.021 10.197 0.054		43.946 152 87 +34.477 854 83 43.949 333 73 +34.473 087 33	-2.30 9.28	4.51 -11.58 111.18 -104.42	3.98 3.06 3.67 3.46 3.15 34.43 27.59 20.64 20.46 18.85	A 151.2	19.59 -0.1 +0.13											
02562+0031	1	FCB	A 13680 B 13680	9.225 0.129 10.213 0.320				44.057 572 00 +0.522 186 18 44.057 642 73 +0.522 218 87	5.89 5.89	31.03 25.61 31.03 25.61	21.19 10.57 1.68 1.75 1.84 32.93 15.70 1.68 1.75 1.84	A 65	0.28												
02562+7253	1	LCA	A 13677 B 13677	8.207 0.004 9.023 0.009	8.736 0.011 9.448 0.017	8.079 0.011 8.791 0.015		44.047 177 47 +72.886 216 66 44.048 432 56 +72.886 675 29	16.23 16.23	41.78 -42.80 39.97 -61.45	1.10 1.39 1.34 0.95 1.25 3.30 3.85 1.34 2.19 3.12	A 38.8	2.120 +0.3 -0.016												
02563-2857	1	LCA	A 13692 B 13692	8.733 0.038 9.395 0.070				44.082 387 48 -28.950 438 35 44.082 317 09 -28.950 455 52	9.45 9.45	3.55 2.69 -4.48 5.68	4.75 2.65 1.03 1.11 1.89 7.00 5.15 1.03 1.80 3.23	B 254	0.230 +1 +0.007												
02564+4126	1	FCC	A 13694 B 13694	8.517 0.160 10.383 0.895				44.089 944 61 +41.432 029 09 44.089 920 47 +41.432 068 19	4.26 4.26	1.43 -1.70 1.43 -1.70	6.14 12.82 1.04 0.80 0.84 24.33 45.45 1.04 0.80 0.84	A 335	0.16												
02566+5526	1	FCP	A 13716 B 13714	11.086 0.062 11.224 0.066	12.133 0.142	10.643 0.060		44.143 456 41 +55.442 662 23 44.140 329 13 +55.438 354 37	30.94 30.94	802.74 -443.75 733.14 -452.05	61.54 37.93 9.86 61.94 43.67 9.54 7.47 9.86 11.61 9.12	B 202.4	16.77 +0.2 +0.03												
02566-3927	1	FCA	A 13715 B 13715	8.697 0.006 9.039 0.008	9.270 0.022 9.645 0.021	8.562 0.018 8.907 0.016		44.140 727 48 -39.445 969 87 44.140 543 45 -39.446 883 87	10.40 10.40	135.20 -119.11 135.20 -119.11	1.37 1.61 1.90 1.52 1.80 3.22 3.24 1.90 1.52 1.80	A 188.8	3.330												
02568-3609	1	FFC	A 13725 C 13725	10.208 0.276 11.491 0.901				44.197 855 40 -36.151 958 95 44.197 769 83 -36.151 898 40	17.32 17.32	-171.34 -267.13 -171.34 -267.13	47.55 45.68 7.30 6.08 7.80 86.93 107.88 7.30 6.08 7.80	A 311	0.33												
02570+1714	1	FCA	A 13752 B 13752	8.943 0.007 11.113 0.051				44.256 341 36 +17.239 541 02 44.255 533 47 +17.240 168 64	4.83 4.83	19.42 -20.87 19.42 -20.87	2.66 1.66 1.95 3.42 1.88 20.68 7.73 1.95 3.42 1.88	A 309.1	3.58												
02571+1048	1	FCA	A 13759 B 13759	10.085 0.010 12.304 0.073	10.438 0.037	9.905 0.035		44.281 901 85 +10.803 790 38 44.282 665 59 +10.803 845 24	3.54 3.54	2.07 0.49 2.07 0.49	2.85 1.97 2.78 4.37 2.66 37.44 20.03 2.78 4.37 2.66	A 85.8	2.71												
02572+0153	1	LCA	A 13773 B 13773	8.280 0.016 8.623 0.022				44.312 089 22 +1.887 571 98 44.312 170 14 +1.887 521 64	20.12 20.12	99.25 -101.38 114.17 -94.39	3.34 3.00 1.50 2.51 2.63 5.11 5.81 1.50 3.74 4.65	A 122	0.343 -2 +0.009												
02572-0035	1	FCA	A 13766 B 13766	7.309 0.008 9.812 0.076	8.272 0.017	7.239 0.010		44.294 241 94 -0.574 574 75 44.293 712 17 -0.576 990 94	6.64 6.64	-8.80 12.78 -8.80 12.78	1.76 1.51 1.81 2.05 1.72 19.55 23.41 1.81 2.05 1.72	A 192.4	8.90												
02572-2458	1	LCA	A 13772 B 13772	8.189 0.005 8.258 0.005				44.311 216 34 -24.969 417 10 44.311 088 69 -24.969 191 10	44.49 44.49	30.21 -36.90 30.45 -19.35	2.22 1.79 2.55 2.39 1.81 3.54 3.48 2.55 3.87 3.18	A 332.9	0.914 +0.5 +0.016												
	2	FND	D	C 13769 D 13769	7.985 0.011 11.876 0.377	8.986 0.023	7.875 0.016		44.304 907 89 -24.975 041 03 44.305 119 90 -24.976 440 62	38.87 38.87	15.44 -32.54 15.44 -32.54	1.29 1.06 1.50 1.47 1.18 71.92 64.24 1.50 1.47 1.18	C 172	5.09											
02578+4432	1	INB	P	A 13804 B 13802	9.161 0.024 9.231 0.025	9.893 0.023 9.758 0.021	9.062 0.017 9.159 0.019		44.441 589 66 +44.524 086 91 44.436 343 80 +44.526 660 24	13.93 12.41	49.87 18.77 108.39 -11.37	5.09 4.31 5.07 6.54 6.42 9.02 8.04 6.17 7.81 7.78	A 304.53	16.34 +0.03 -0.07											
02578-5009	1	FCA	A 13815 B 13815	8.568 0.005 11.262 0.050	8.929 0.012	8.506 0.012		44.458 042 15 -50.152 954 14 44.458 381 33 -50.152 522 71	3.90 3.90	34.76 13.52 34.76 13.52	0.97 1.04 1.09 1.02 1.10 14.79 13.73 1.09 1.02 1.10	A 26.7	1.74												
02580-1550	1	FCA	A 13831 B 13831	8.170 0.006 10.392 0.045	8.590 0.013	8.085 0.013		44.509 719 86 -15.838 558 79 44.509 298 88 -15.838 843 82	11.87 11.87	156.50 140.67 156.50 140.67	1.20 1.17 1.37 1.39 1.38 9.02 8.73 1.37 1.39 1.38	A 234.9	1.78												
02581+6912	1	FCA	A 13836 B 13836	7.969 0.004 10.139 0.032	8.313 0.008 10.582 0.085	7.891 0.008 9.821 0.073		44.528 880 48 +69.193 509 70 44.531 989 04 +69.193 620 50	12.43 12.43	97.09 -94.75 97.09 -94.75	0.73 0.91 1.10 0.77 1.00 7.32 9.52 1.10 0.77 1.00	A 84.3	4.00												
02583-4018	1	LCA	A 13847 B 13847	3.278 0.003 4.363 0.009	3.413 0.003 4.423 0.003	3.239 0.002 4.321 0.003		44.565 481 80 -40.304 734 91 44.568 508 68 -40.304 737 40	20.22 20.22	-53.53 25.71 -52.74 17.09	0.49 0.52 0.54 0.49 0.56 2.52 2.69 0.54 1.39 1.52	A 90.06	8.310 +0.06 +0.001												
02586+2408	1	FCA	A 13867 B 13867	8.297 0.079 8.354 0.083				44.649 922 71 +24.133 797 66 44.649 994 47 +24.133 798 46	4.87 4.87	9.14 -4.68 9.14 -4.68	10.35 4.37 1.11 1.30 0.95 10.26 3.76 1.11 1.30 0.95	A 89	0.24												
02586-4444	1	FCA	A 13866 B 13866	10.122 0.008 11.776 0.033	10.557 0.035	10.013 0.034		44.642 310 59 -44.733 199 76 44.641 862 39 -44.732 683 81	4.98 4.98	-23.44 -23.11 -23.44 -23.11	1.47 1.56 1.72 1.51 1.60 9.34 9.40 1.72 1.51 1.60	A 328.3	2.18												
02588-3851	1	FCA	A 13888 B 13888	10.215 0.054 10.875 0.099				44.707 430 62 -38.849 817 67 44.707 529 24 -38.849 818 57	2.89 2.89	-9.80 -17.72 -9.80 -17.72	8.23 3.95 1.88 1.57 1.68 13.44 9.39 1.88 1.57 1.68	A 91	0.28												
02588-5448	1	FCB	A 13886 B 13886	10.503 0.011 13.082 0.106	12.174 0.154	10.331 0.044		44.704 193 81 -54.804 465 83 44.705 093 99 -54.804 550 79	29.17 29.17	72.30 101.82 72.30 101.82	1.92 1.75 1.89 1.74 1.66 30.66 29.78 1.89 1.74 1.66	A 99	1.89												
02589+2137	1	LCA	B 13892 A 13892	7.417 0.007 7.623 0.008				44.721 029 34 +21.617 770 32 44.721 183 18 +21.617 788 66	7.10 7.10	40.49 -17.35 44.64 -21.21	2.03 1.34 1.74 1.66 1.48 2.76 1.84 1.74 2.07 2.09	B 82.7	0.519 +0.5 +0.004												
02592+2120	1	FCA	A 13914 B 13914	5.244 0.005 5.592 0.007				44.803 057 73 +21.340 444 77 44.802 853 71 +21.340 088 72	11.15 11.15	-13.04 -6.55 -13.04 -6.55	1.27 0.91 1.48 1.33 1.03 2.20 1.75 1.48 1.33 1.03	A 208.1	1.453												
02593-1234	1	FCA	A 13916 B 13916	10.067 0.008 11.060 0.020				44.814 903 79 -12.568 676 36 44.814 864 20 -12.568 473 51	11.50 11.50	215.59 28.49 215.59 28.49	3.11 3.24 3.35 3.17 3.61 7.57 8.17 3.35 3.17 3.61	A 349	0.74												



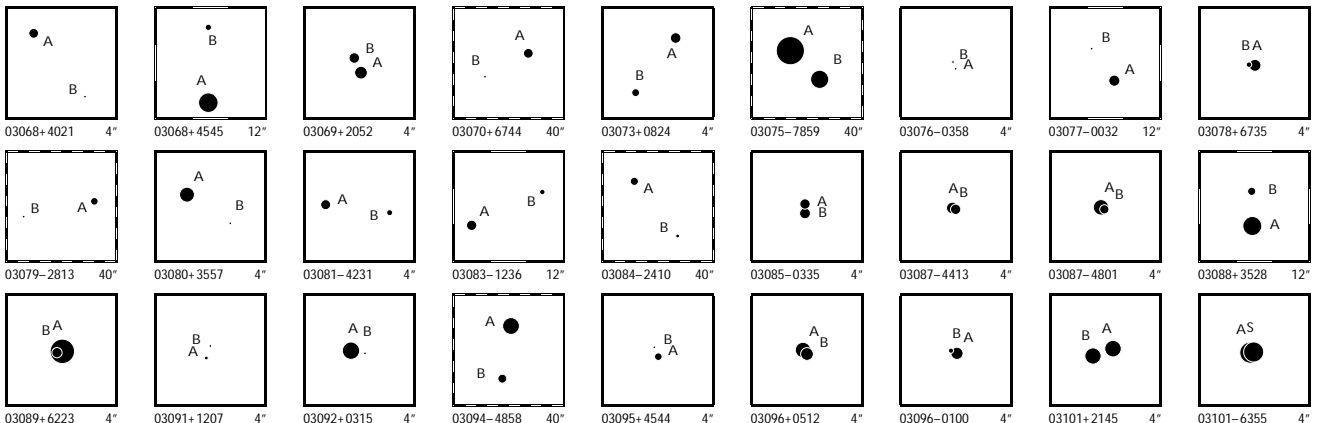
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
02594+0639	1	FCA	A 13923 B 13923	7.932 0.011 8.309 0.015	7.991 0.023	7.588 0.023		44.843 527 88 44.843 272 11	+6.652 201 86 +6.652 415 09	8.65 8.65	25.64 -40.89 25.64 -40.89	2.51 2.23 2.41 8.43 3.83 2.41	2.67 2.53 2.67 2.53	A 310.0	1.19												
02597+0938	1	FCB	A 13950 B 13950	8.700 0.011 11.894 0.209				44.919 475 75 44.919 535 07	+9.635 385 84 +9.635 271 65	6.20 6.20	43.60 21.66 43.60 21.66	2.69 3.26 2.30 47.83 30.14 2.30	2.41 1.77 2.41 1.77	A 153	0.46												
02598+5420	1	FCB	A 13958 B 13958	9.236 0.013 12.085 0.168	9.394 0.016	9.153 0.018		44.938 626 38 44.938 429 75	+54.329 173 83 +54.331 538 62	0.95 0.95	4.70 -6.42 4.70 -6.42	2.35 1.97 2.90 47.12 36.57 2.90	2.75 2.47 2.75 2.47	A 357.2	8.52												
03001+3912	1	FCA	W A 13983 B 13983	9.615 0.017 11.991 0.144	9.894 0.038	9.636 0.045		45.023 801 48 45.024 174 73	+39.190 303 49 +39.193 776 49	2.86 2.86	-1.18 -28.33 -1.18 -28.33	2.30 2.37 3.06 44.60 30.06 3.06	2.44 2.49 2.44 2.49	A 4.8	12.55												
03001-4925	1	FND	D A 13979 B 13979	9.889 0.031 13.541 0.892				45.013 153 99 45.013 285 43	-49.417 942 02 +18.005 430 71	14.30 14.30	27.54 19.06 27.54 19.06	2.20 1.72 1.53 136.68 102.49 1.53	1.55 1.69 1.55 1.69	A 114	0.34												
03003+0125	1	FNB	A 14008 B 14008	10.388 0.015 10.507 0.017				45.084 480 87 45.084 606 81	+1.417 224 65 +1.417 345 16	1.01 1.01	44.30 -32.58 44.30 -32.58	10.28 6.98 5.59 6.13 6.05 5.59	5.55 6.86 5.55 6.86	A 46	0.63												
03005+1800	1	FCA	A 14021 B 14021	6.834 0.003 9.839 0.048	6.826 0.004	6.788 0.006		45.131 277 86 45.131 771 29	+18.005 037 94 +18.005 430 71	7.79 7.79	-2.61 -26.24 -2.61 -26.24	0.93 0.88 1.11 11.80 9.28 1.11	1.06 0.96 1.06 0.96	A 50.1	2.20												
03005+3934	1	FCB	A 14020 S 14020	9.292 0.233 10.107 0.493				45.129 938 14 45.129 982 72	+39.572 581 82 +39.572 609 26	2.06 2.06	-21.53 -5.58 -21.53 -5.58	14.29 12.38 1.92 35.81 20.62 1.92	1.40 1.44 1.40 1.44	A 51	0.16												
03006+4753	1	FCA	A 14029 B 14029	8.095 0.028 9.684 0.120				45.158 299 86 45.158 320 21	+47.885 111 55 +47.885 053 07	2.56 2.56	-9.67 -5.97 -9.67 -5.97	1.54 3.35 1.14 6.71 10.20 1.14	0.96 1.04 0.96 1.04	A 167	0.22												
03007+4650	1	FCA	A 14034 B 14034	9.773 0.087 9.851 0.093				45.176 123 53 45.176 167 63	+46.826 982 29 +46.826 937 58	4.46 4.46	44.43 -40.54 44.43 -40.54	5.64 7.45 1.30 5.86 7.63 1.30	1.29 1.13 1.29 1.13	A 146	0.19												
03007+5700	1	FCA	A 14032 B 14032	9.528 0.007 11.541 0.044	9.824 0.025	9.409 0.025		45.174 738 30 45.176 720 29	+56.995 221 10 +56.994 756 05	5.34 5.34	14.30 -13.80 14.30 -13.80	1.81 1.42 1.94 10.69 12.26 1.94	2.19 1.80 2.19 1.80	A 113.3	4.23												
03009+5221	1	ICA	A 14043 B 14047	5.257 0.008 6.692 0.030	5.180 0.003 6.686 0.007	5.247 0.003 6.666 0.008		45.217 433 52 45.222 880 26	+52.351 797 69 +52.352 086 62	4.10 4.82	31.20 -21.99 31.99 -21.27	1.26 1.31 1.35 10.51 9.64 4.94	1.32 1.65 5.09 5.60	A 85.03	12.02	0.00	0.00										
03009-4517	1	FCA	A 14046 B 14046	8.694 0.024 10.359 0.111				45.221 158 67 45.221 084 40	-45.280 192 08 -45.280 252 32	5.48 5.48	1.76 9.70 1.76 9.70	3.51 3.83 1.08 11.70 11.66 1.08	1.01 1.01 1.01 1.01	A 221	0.29												
03009-4946	1	FCC	A 14045 B 14045	9.719 0.008 12.815 0.127	10.435 0.030	9.700 0.025		45.220 477 05 45.221 373 16	-49.758 485 58 -49.759 190 96	14.47 14.47	14.05 40.79 14.05 40.79	1.45 1.50 1.59 36.32 43.21 1.59	1.56 1.68 1.56 1.68	A 141	3.29												
03014+0615	1	FCA	A 14075 B 14075	9.522 0.118 9.965 0.177				45.344 437 08 45.344 446 75	+6.249 360 32 +6.249 315 77	15.17 15.17	36.30 -89.80 36.30 -89.80	7.27 9.66 1.44 10.61 12.50 1.44	1.53 1.37 1.53 1.37	A 168	0.16												
03015+3225	1	FCA	A 14081 B 14081	7.008 0.007 8.519 0.028	8.116 0.015 8.799 0.017	6.946 0.006 8.417 0.018		45.371 070 17 45.371 451 74	+32.412 763 31 +32.415 140 64	5.06 5.06	20.39 -14.36 20.39 -14.36	1.30 1.02 1.35 6.33 5.50 1.35	1.42 1.11 1.42 1.11	A 7.72	8.64												
03016+2549	1	FCA	A 14088 B 14088	10.195 0.236 10.824 0.422				45.410 065 80 45.410 078 57	+25.814 060 54 +25.814 019 36	0.20 0.20	2.73 -1.43 2.73 -1.43	6.76 20.91 1.44 11.08 21.93 1.44	1.79 1.24 1.79 1.24	A 164	0.15												
03021+4827	1	FCA	A 14118 B 14118	9.308 0.290 9.347 0.300				45.520 790 20 45.520 768 67	+48.443 722 25 +48.443 760 39	2.58 2.58	-2.27 -15.83 -2.27 -15.83	12.06 17.22 1.19 10.14 20.93 1.19	1.03 1.17 1.03 1.17	A 339	0.15												
03022+2326	1	FCC	A 14129 B 14129	8.596 0.004 12.454 0.143				45.556 588 17 45.556 790 25	+23.427 744 46 +23.427 676 96	8.22 8.22	7.11 -6.70 7.11 -6.70	1.56 1.09 1.66 73.05 52.79 1.66	1.76 1.63 1.76 1.63	A 110	0.71												
03022-2145	1	FCA	A 14128 B 14128	9.166 0.006 9.820 0.011				45.554 421 38 45.554 662 31	-21.751 265 95 -21.751 292 43	7.50 7.50	6.78 26.14 6.78 26.14	1.89 1.71 2.30 4.56 5.05 2.30	2.20 2.23 2.20 2.23	A 96.7	0.811												
03022-2844	1	FND	D A 14127 B 14127	10.045 0.013 13.021 0.204	10.711 0.040	9.954 0.032		45.553 445 19 45.553 819 72	-28.729 802 89 -28.730 082 18	7.65 7.65	48.74 3.57 48.74 3.57	1.74 1.72 2.25 49.68 45.17 2.25	1.40 1.86 1.40 1.86	A 130	1.55												
03023+1820	1	FCA	A 14132 B 14132	10.175 0.014 10.916 0.027				45.564 617 52 45.564 747 93	+18.329 333 68 +18.329 417 49	11.94 11.94	114.80 -62.11 114.80 -62.11	3.23 2.39 3.04 9.31 6.00 3.04	3.38 3.39 3.38 3.39	A 56	0.54												
03023+4124	1	ICA	A 14134 B 14137	8.068 0.010 9.513 0.033	8.576 0.011 10.616 0.049	7.991 0.010 9.708 0.034		45.569 957 35 45.571 888 58	+41.395 764 33 +41.391 098 77	18.91 34.91	4.55 107.95 16.87 86.95	2.17 1.44 1.98 18.50 12.29 12.86	2.43 2.39 16.09 16.44	A 162.7	17.59	0.0	+0.02										
03025+6423	1	FCC	A 14154 B 14154	8.428 0.023 11.622 0.438				45.618 218 22 45.618 121 55	+64.382 808 03 +64.382 895 99	3.36 3.36	0.40 -4.14 0.40 -4.14	2.45 4.57 2.49 40.07 64.43 2.49	1.69 2.19 1.69 2.19	A 335	0.35												
03027+0704	1	FCB	A 14169 B 14169	10.113 0.011 12.708 0.115				45.676 868 22 45.676 695 66	+7.066 730 10 +7.066 577 11	4.57 4.57	2.05 2.71 2.05 2.71	2.67 1.92 2.88 40.60 26.09 2.88	3.23 2.94 3.23 2.94	A 228	0.83												
03027+7236	1	FCA	A 14167 B 14167	9.394 0.050 9.484 0.054				45.666 024 13 45.665 837 83	+72.599 353 72 +72.599 332 52	0.64 0.64	0.50 -1.25 0.50 -1.25	5.45 3.43 1.18 5.95 4.93 1.18	1.01 1.24 1.01 1.24	A 249	0.215												
03030-0205	1	FCA	A 14194 B 14194	7.632 0.007 9.973 0.061	8.092 0.015	7.559 0.013		45.757 198 19 45.755 562 73	-2.086 495 10 -2.088 273 88	18.81 18.81	106.34 5.17 106.34 5.17	1.88 1.55 1.77 16.75 13.23 1.77	2.11 2.04 2.11 2.04	A 222.6	8.70												



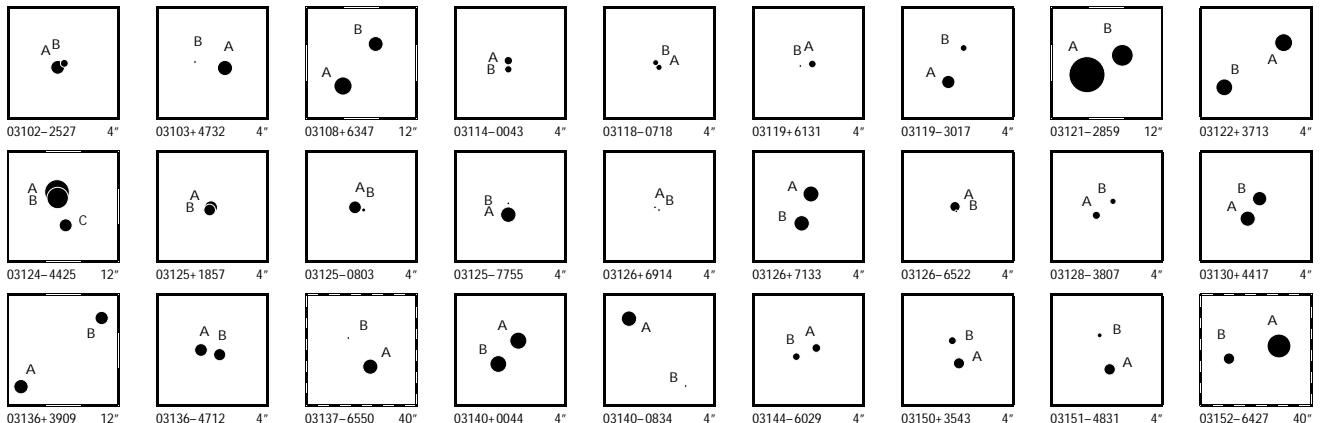
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03032+4120	1	F CA	A 14207 B 14207	8.504 10.774	0.023 0.186						45.796 950 55 +41.335 171 91 45.797 073 69 +41.335 181 97	2.50 2.50	5.03 -10.23 5.03 -10.23	4.06 1.36 1.42 1.41 1.45 23.62 12.12 1.42 1.41 1.45	A 84 0.33										
03032+7436	1	F CA	A 14208 B 14208	10.366 11.549	0.010 0.030						45.800 844 86 +74.593 552 95 45.801 317 91 +74.593 515 11	3.78 3.78	-6.86 -9.68 -6.86 -9.68	2.02 2.03 2.00 2.05 1.96 6.96 9.34 2.00 2.05 1.96	A 107 0.47										
03034+6051	1	F CA	A 14221 B 14221	9.375 10.042	0.008 0.013	9.753 0.024 10.638 0.077	9.193 0.022 9.882 0.059				45.842 609 36 +60.842 993 75 45.841 438 27 +60.842 308 20	8.69 8.69	-76.76 14.27 -76.76 14.27	2.07 2.28 2.76 2.03 3.14 5.15 5.14 2.76 2.03 3.14	A 219.8 3.211										
03034-7029	1	F ND	A 14218 B 14218	8.604 11.611	0.014 0.214	9.853 0.028	8.537 0.017				45.839 105 35 -70.477 036 86 45.839 334 76 -70.472 719 45	2.38 2.38	-7.66 16.06 -7.66 16.06	1.00 1.02 1.02 0.97 1.08 46.04 45.46 1.02 0.97 1.08	A 1.0 15.55										
03035+2304	1	F CA	A 14230 B 14230	7.379 9.104	0.042 0.204						45.869 100 84 -23.061 463 67 45.869 114 11 +23.061 507 71	29.62 29.62	111.75 3.47 111.75 3.47	3.12 3.86 1.09 1.23 1.06 13.54 11.41 1.09 1.23 1.06	A 15 0.16										
03035-1058	1	F CB	A 14235 B 14235	7.237 10.962	0.005 0.140						45.883 382 36 -10.974 807 77 45.883 191 94 -10.974 867 02	20.38 20.38	-26.96 -108.22 -26.96 -108.22	1.36 1.12 1.49 1.31 1.51 49.45 45.14 1.49 1.31 1.51	A 252 0.71										
03035-5732	1	F CB	A 14227 B 14227	9.292 12.595	0.007 0.129	10.541 0.033	9.239 0.019				45.866 838 27 -57.525 190 89 45.868 445 41 -57.525 033 65	2.34 2.34	2.65 -2.31 2.65 -2.31	1.23 1.20 1.25 1.19 1.22 38.85 27.77 1.25 1.19 1.22	A 80 3.16										
03038+7039	1	F CA	A 14248 B 14248	8.782 11.025	0.005 0.037	8.911 0.010 11.218 0.079	8.688 0.011 10.450 0.061				45.944 782 40 +70.657 199 21 45.941 813 10 +70.658 359 89	4.17 4.17	-15.57 -2.46 -15.57 -2.46	0.94 1.06 1.32 0.90 1.12 9.12 10.14 1.32 0.90 1.12	A 319.7 5.48										
03038-0542	1	F CA	A 14255 B 14255	9.697 9.746	0.015 0.016						45.953 595 02 -5.699 154 18 45.953 634 18 -5.699 263 17	6.00 6.00	-4.21 -11.40 -4.21 -11.40	3.04 2.91 2.88 3.15 2.92 4.38 3.81 2.88 3.15 2.92	B 160 0.417										
03038-2122	1	F CB	A 14249 B 14249	7.620 11.172	0.005 0.121	8.557 0.010	7.537 0.008				45.945 474 33 -21.361 370 01 45.948 469 38 -21.363 285 51	17.52 17.52	196.27 -35.47 196.27 -35.47	0.86 0.88 1.16 0.98 1.12 34.81 28.12 1.16 0.98 1.12	A 124.5 12.18										
03040+2831	1	F NB	A 14270 B 14270 C 14270	8.495 10.050 11.419	0.016 0.061 0.157	11.953 0.203	11.185 0.155				45.998 692 13 +28.509 143 01 45.998 574 19 +28.509 147 31 45.996 377 68 +28.512 339 94	3.38 3.38 3.38	9.51 -8.74 9.51 -8.74 9.51 -8.74	1.94 1.34 1.49 1.46 1.17 11.95 8.02 1.49 1.46 1.17 32.78 29.67 1.49 1.46 1.17	A 272 0.37 A 327.5 13.64										
03040-4006	1	F CA	A 14271 B 14271	9.634 9.888	0.111 0.140						45.998 635 12 -40.106 531 62 45.998 573 55 -40.106 523 57	5.11 5.11	46.20 17.14 46.20 17.14	9.97 6.35 1.16 1.03 1.08 10.31 7.78 1.16 1.03 1.08	A 280 0.17										
03044-0951	1	F CA	A 14299 B 14299	9.869 11.789	0.010 0.053						46.103 166 52 -9.852 982 05 46.103 321 89 -9.852 868 57	6.44 6.44	31.44 -7.19 31.44 -7.19	2.48 1.91 2.76 2.88 2.66 20.11 12.56 2.76 2.88 2.66	A 53 0.69										
03047+6346	1	I CA	A 14316 B 14317	8.724 9.440	0.033 0.053	9.130 0.012 10.718 0.037	8.603 0.012 9.333 0.019				46.162 729 29 +63.763 051 88 46.167 196 89 +63.757 310 76	9.00 5.43	-14.52 -6.88 -34.68 -10.06	2.39 2.44 3.04 2.63 2.90 20.94 28.43 5.69 17.12 26.52	A 161.01 21.86 +0.05 0.00										
03048+0807	1	F CA	A 14334 B 14334	10.448 11.567	0.012 0.032	10.964 0.055	10.180 0.044				46.209 276 29 +8.113 577 97 46.209 816 52 +8.114 221 66	7.77 7.77	7.13 11.85 7.13 11.85	3.74 2.86 3.81 4.29 4.06 13.32 10.52 3.81 4.29 4.06	A 39.7 3.01										
03053+1019	1	F CA	A 14360 B 14360	10.234 11.138	0.022 0.051						46.322 826 70 +10.308 461 13 46.322 930 79 +10.308 445 99	4.84 4.84	-5.57 -3.47 -5.57 -3.47	4.64 3.42 3.41 4.97 3.05 13.03 11.48 3.41 4.97 3.05	A 98 0.37										
03053-4059	1	F CA	A 14361 B 14361	7.906 9.583	0.023 0.106						46.326 025 13 -40.984 240 42 46.325 950 40 -40.984 203 35	12.04 12.04	36.24 4.77 36.24 4.77	2.79 2.81 0.87 0.78 0.88 8.38 11.38 0.87 0.78 0.88	A 303 0.24										
03055+2515	1	L CA	A 14376 B 14376	6.189 6.207	0.045 0.046						46.361 156 52 +25.255 183 84 46.361 238 31 +25.255 214 53	8.11 8.11	0.29 -11.68 7.75 -8.48	8.60 3.89 1.19 2.29 1.30 8.08 3.58 1.19 2.36 1.36	B 67 0.288 0 +0.008										
03055-3738	1	F CC	A 14381 B 14381	9.710 11.573	0.150 0.837						46.384 929 34 -37.631 130 92 46.384 980 69 -37.631 096 71	2.89 2.89	22.63 20.24 22.63 20.24	11.42 8.44 1.32 0.99 1.21 57.27 58.21 1.32 0.99 1.21	A 50 0.19										
03058+3202	1	F CB	A 14399 B 14399	7.979 11.174	0.005 0.098						46.439 857 17 +32.030 943 90 46.439 865 03 +32.031 095 58	3.63 3.63	54.05 -39.74 54.05 -39.74	1.57 1.39 1.49 1.65 1.39 37.91 19.33 1.49 1.65 1.39	A 3 0.55										
03058+4342	1	F CA	A 14402 B 14402	7.371 8.532	0.004 0.010						46.443 313 53 +43.702 479 04 46.443 072 20 +43.702 492 59	3.73 3.73	-3.16 -3.01 -3.16 -3.01	1.23 0.96 1.36 1.46 1.22 3.95 3.48 1.36 1.46 1.22	A 274.4 0.630										
03059+7036	1	F CA	A 14410 B 14410	10.247 11.680	0.008 0.028						46.477 940 24 +70.599 282 03 46.478 379 73 +70.599 318 10	8.44 8.44	123.89 -95.87 123.89 -95.87	2.06 2.20 2.63 1.87 2.27 9.27 11.71 2.63 1.87 2.27	A 76 0.54										
03061+7925	1	F CB	A 14417 B 14417	5.615 9.396	0.005 0.145	7.625 0.007 9.831 0.030	5.704 0.003 9.153 0.027				46.533 133 95 +79.418 510 27 46.527 568 59 +79.417 691 65	4.69 4.69	-34.64 10.28 -34.64 10.28	0.59 0.64 0.72 0.60 0.71 28.65 27.19 0.72 0.60 0.71	A 231.3 4.71										
03061-1326	1	F CA	A 14413 B 14413	8.234 8.964	0.005 0.009	8.424 0.013	7.942 0.012				46.516 582 10 -13.434 900 54 46.516 965 85 -13.434 938 95	9.28 9.28	25.12 15.16 25.12 15.16	1.79 2.05 1.77 2.23 2.89 4.55 3.51 1.77 2.23 2.89	A 95.9 1.35										
03062+6146	1	F CA	A 14422 B 14422	9.478 9.793	0.068 0.090						46.551 640 35 +61.772 233 79 46.551 593 66 +61.772 291 84	2.04 2.04	-7.74 -5.09 -7.74 -5.09	3.84 6.80 1.62 1.33 1.75 6.21 9.14 1.62 1.33 1.75	A 339 0.22										
03067-1319	1	F CA	A 14464 B 14464	8.226 10.587	0.015 0.121	11.387 0.092	10.258 0.057				46.673 889 83 -13.318 930 63 46.674 913 08 -13.314 733 87	14.09 14.09	75.10 -36.64 75.10 -36.64	1.71 1.75 2.05 2.30 2.88 26.22 28.05 2.05 2.30 2.88	A 13.3 15.53										
03068+0243	1	F CA	A 14471 B 14471	8.075 11.256	0.008 0.139						46.696 097 15 +2.714 468 08 46.695 989 44 +2.714 496 15	2.45 2.45	-12.07 -9.47 -12.07 -9.47	2.22 1.59 1.59 2.02 1.54 40.23 33.11 1.59 2.02 1.54	A 285 0.40										



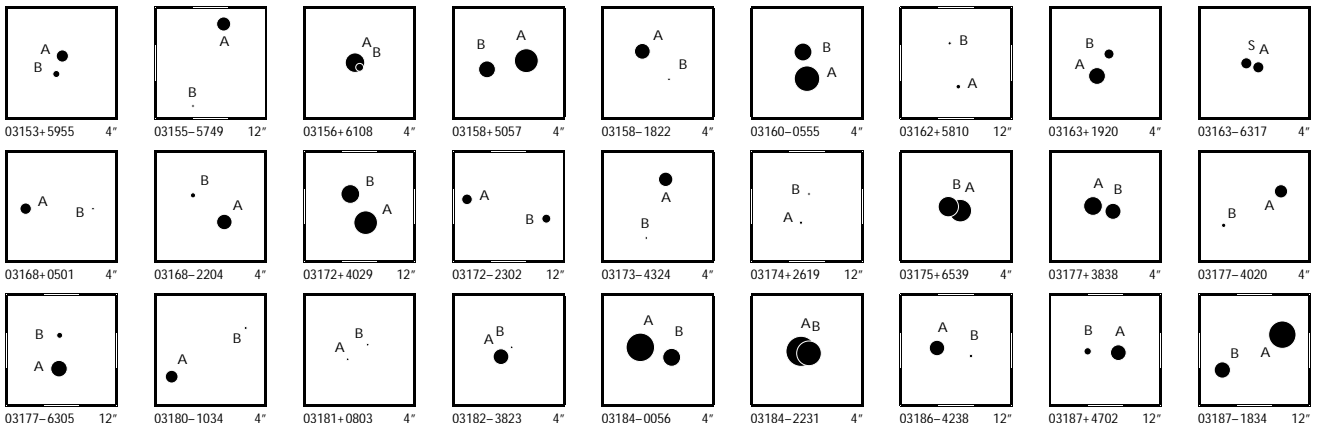
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _I	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03068+4021	1	F C B	A 14478 B 14478	9.869 0.011 12.834 0.153	11.142 0.087	9.862 0.045		46.715 147 31 +40.359 782 74 46.714 454 83 +40.359 140 87		36.71 36.71	-383.85 -194.11 -383.85 -194.11	2.54 1.79 2.75 2.57 2.89 57.93 39.01 2.75 2.57 2.89	A 219 2.99													
03068+4545	1	F C A	A 14472 B 14472	7.678 0.005 10.623 0.067	7.672 0.008	7.638 0.009		46.698 881 77 +45.750 876 55 46.698 894 45 +45.753 208 81		4.87 4.87	40.64 -37.28 40.64 -37.28	0.96 0.81 1.09 1.03 0.90 16.09 12.87 1.09 1.03 0.90	A 0.2 8.40													
03069+2052	1	F C A	A 14481 B 14481	9.171 0.005 9.638 0.008				46.718 561 59 +20.862 055 30 46.718 636 84 +20.862 205 96		3.09 3.09	27.83 -32.00 27.83 -32.00	3.20 2.58 3.25 4.17 4.95 5.23 3.58 3.25 4.17 4.95	A 25 0.599													
03070+6744	1	F C A	A 14483 B 14486	9.818 0.018 11.762 0.094	10.065 0.020	9.766 0.022		46.738 907 59 +67.736 851 47 46.750 739 78 +67.734 345 21		-1.04 -1.04	-4.77 -6.58 -4.77 -6.58	2.59 3.57 3.68 2.90 4.10 26.03 39.95 3.68 2.90 4.10	A 119.2 18.49													
03073+0824	1	F C B	A 14504 B 14504	9.665 0.049 10.265 0.086	10.133 0.042	9.560 0.039		46.831 027 71 +8.395 639 50 46.831 439 66 +8.395 073 27		5.01 5.01	-11.19 -13.11 -11.19 -13.11	4.35 3.79 4.13 4.74 4.43 15.43 9.20 4.13 4.74 4.43	A 144.3 2.51													
03075-7859	1	I C A P	A 14521 B 14515	5.748 0.007 8.005 0.050	6.012 0.004	5.698 0.003		46.882 920 15 -78.989 423 29 46.867 224 41 -78.992 406 34		13.13 15.02	79.07 73.56 79.83 89.31	0.92 0.95 0.78 0.80 1.01 16.02 13.53 5.25 8.63 9.46	A 225.13 15.22 +0.04 -0.01													
03076-0358	1	F C A	A 14524 B 14524	11.686 0.086 11.706 0.087				46.891 411 44 -3.970 521 13 46.891 438 05 -3.970 447 82		17.25 17.25	-264.97 -388.85 -264.97 -388.85	16.10 12.81 4.36 6.39 4.40 28.18 16.55 4.36 6.39 4.40	A 20 0.28													
03077-0032	1	F C A	A 14538 B 14538	9.542 0.007 11.677 0.043	10.109 0.041	9.522 0.037		46.919 231 07 -0.537 678 28 46.919 925 56 -0.536 698 71		6.09 6.09	-17.13 -10.96 -17.13 -10.96	2.10 1.90 2.43 2.72 2.27 17.52 15.85 2.43 2.72 2.27	A 35.3 4.32													
03078+6735	1	F F D D	A 14542 B 14542	9.335 0.085 10.776 0.313				46.940 609 14 +67.577 398 51 46.940 759 89 +67.577 396 85		3.00 3.00	-2.06 -3.61 -2.06 -3.61	14.73 7.76 1.72 1.17 1.63 23.86 28.74 1.72 1.17 1.63	A 92 0.21													
03079-2813	1	I N D D	A 14555 B 14559	10.303 0.037 12.447 0.193	11.971 0.135	10.372 0.051		46.983 222 57 -28.219 435 17 46.991 442 29 -28.220 970 06		52.38 114.73	-339.14 -119.54 -156.07 -146.48	5.62 4.78 5.03 6.28 5.47 60.96 51.41 33.98 36.75 33.14	A 102.0 26.65 0.0 +0.18													
03080+3557	1	F C A	A 14560 B 14560	8.704 0.007 11.878 0.117	8.830 0.015	8.663 0.017		46.994 624 38 +35.947 915 90 46.994 086 74 +35.947 626 90		2.43 2.43	-4.45 0.37 -4.45 0.37	1.54 1.18 1.55 1.59 1.27 43.72 28.98 1.55 1.59 1.27	A 236 1.88													
03081-4231	1	F C A	A 14573 B 14573	9.808 0.011 10.673 0.024	10.170 0.032	9.505 0.026		47.036 274 65 -42.513 777 40 47.035 379 84 -42.513 856 60		7.25 7.25	79.22 43.56 79.22 43.56	2.28 2.71 2.57 2.49 3.12 9.50 7.43 2.57 2.49 3.12	A 263.2 2.39													
03083-1236	1	F C B	A 14584 B 14584	9.707 0.012 10.776 0.032	10.602 0.033	9.586 0.023		47.069 570 03 -12.593 170 25 47.067 359 73 -12.592 141 35		6.81 6.81	63.76 56.46 63.76 56.46	2.31 2.37 2.85 2.84 4.20 9.58 8.96 2.85 2.84 4.20	A 295.5 8.60													
03084-2410	1	I N D W	A 14593 B 14589	10.213 0.023 11.166 0.042	11.771 0.092	10.178 0.036		47.106 991 86 -24.167 187 74 47.102 182 46 -24.172 809 17		28.42 45.83	-16.70 -170.33 7.55 -161.97	3.91 3.59 4.16 4.16 4.34 19.00 15.51 11.06 10.82 10.74	A 217.97 25.67 -0.03 -0.02													
03085-0335	1	L C A	B 14598 A 14598	9.575 0.023 9.740 0.027				47.112 656 53 -3.589 914 85 47.112 663 83 -3.589 817 82		7.30 7.30	32.03 9.91 26.60 -1.47	3.85 4.36 3.12 4.06 3.09 6.21 5.59 3.12 5.37 3.62	B 4 0.350 -1 -0.012													
03087-4413	1	F C A	A 14608 B 14608	9.442 0.314 9.698 0.398				47.164 654 96 -44.221 606 44 47.164 602 49 -44.221 617 88		6.36 6.36	19.59 9.37 19.59 9.37	24.44 9.05 1.06 0.96 1.07 19.78 11.17 1.06 0.96 1.07	A 253 0.14													
03087-4801	1	F C A G	A 14609 B 14609	8.568 0.103 9.950 0.369				47.167 583 68 -48.016 407 53 47.167 531 57 -48.016 432 94		13.68 13.68	82.58 -24.37 82.58 -24.37	7.24 4.80 0.80 1.05 0.75 19.90 17.03 0.80 1.05 0.75	A 234 0.16													
03088+3528	1	F C A	A 14615 B 14615	7.802 0.007 10.196 0.058	7.961 0.009	7.769 0.011		47.191 182 89 +35.458 766 15 47.191 191 38 +35.459 840 39		6.70 6.70	31.86 -30.06 31.86 -30.06	1.71 1.34 1.72 1.83 1.46 15.70 22.95 1.72 1.83 1.46	A 0.4 3.87													
03089+6223	1	F C B	A 14626 B 14626	6.596 0.021 9.721 0.361				47.225 755 69 +62.384 597 19 47.225 872 06 +62.384 580 01		1.62 1.62	-1.98 -0.22 -1.98 -0.22	2.35 2.84 1.24 0.93 1.13 28.44 55.95 1.24 0.93 1.13	A 108 0.20													
03091+1207	1	F C A	A 14636 B 14636	11.159 0.016 11.869 0.029				47.279 355 93 +12.119 624 39 47.279 308 68 +12.119 744 75		3.67 3.67	-8.13 -20.04 -8.13 -20.04	4.45 3.58 4.39 5.40 5.05 11.64 8.71 4.39 5.40 5.05	A 339 0.46													
03092+0315	1	F C C	A 14644 B 14644	8.152 0.007 12.047 0.234				47.310 539 09 +3.242 752 37 47.310 387 50 +3.242 732 43		3.85 3.85	14.93 -0.59 14.93 -0.59	1.60 1.03 1.35 1.65 1.32 47.11 36.93 1.35 1.65 1.32	A 262 0.55													
03094-4858	1	F C A	A 14656 B 14656	8.250 0.028 10.030 0.122	8.501 0.009	8.155 0.009		47.341 999 88 -48.962 764 65 47.343 293 89 -48.968 135 22		5.16 5.16	29.45 9.96 29.45 9.96	1.17 1.17 1.27 1.25 1.28 19.44 20.58 1.27 1.25 1.28	A 171.0 19.57													
03095+4544	1	F C B	A 14669 B 14669	10.324 0.025 12.496 0.184				47.379 800 07 +45.733 677 67 47.379 862 19 +45.733 777 76		64.83 64.83	-429.09 -384.63 -429.09 -384.63	6.14 5.12 4.26 4.15 3.71 59.78 32.32 4.26 4.15 3.71	A 23 0.39													
03096+0512	1	L C A	A 14676 B 14676	8.577 0.084 9.196 0.149				47.401 279 14 +5.202 962 99 47.401 238 06 +5.202 923 46		13.83 13.83	55.36 -23.88 98.72 -36.59	7.12 6.19 1.14 3.53 1.89 12.09 9.36 1.14 6.01 3.19	A 226 0.20 -11 -0.02													
03096-0100	1	F C C	A 14680 B 14680	9.323 0.208 10.861 0.858				47.411 643 96 -1.003 799 38 47.411 705 61 -1.003 764 60		-0.13 -0.13	-3.04 -16.83 -3.04 -16.83	21.04 13.92 2.39 2.83 1.81 101.84 40.15 2.39 2.83 1.81	A 61 0.25													
03101+2145	1	F C B	A 14715 B 14715	8.344 0.009 8.373 0.009				47.527 195 11 +21.747 162 64 47.527 417 86 +21.747 087 83		11.40 11.40	29.57 -8.16 29.57 -8.16	3.22 2.27 2.97 2.82 2.72 7.33 6.03 2.97 2.82 2.72	A 110 0.79													
03101-6355	1	F C A	A 14709 S 14709	7.345 0.125 7.586 0.156				47.513 635 27 -63.913 637 55 47.513 557 63 -63.913 629 35		4.32 4.32	41.59 11.96 41.59 11.96	8.37 3.30 0.57 0.51 0.59 7.75 4.86 0.57 0.51 0.59	A 284 0.126													



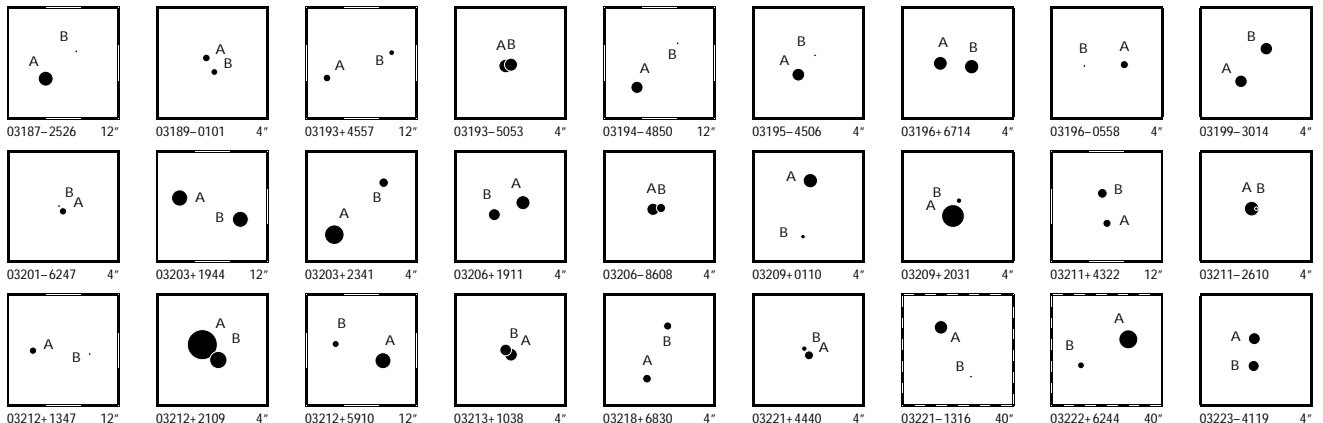
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
03102+2527	1	F CA	A 14728 B 14728	8.911 0.030 10.268 0.106					47.561 351 42 -25.444 362 29 47.561 278 79 -25.444 318 85	2.75 2.75	0.26 0.26	10.98 10.98	5.10 4.00 1.51 1.73 1.38 12.52 10.66 1.51 1.73 1.38	A 304	0.28													
03103+4732	1	F CA	A 14734 B 14734	8.645 0.005 11.974 0.103	8.898 0.016	8.547 0.016			47.572 568 61 +47.528 141 82 47.573 016 87 +47.528 202 67	3.61 3.61	13.91 13.91	-11.42 -11.42	1.19 1.05 1.38 1.24 1.21 36.18 24.82 1.38 1.24 1.21	A 79	1.11													
03108+6347	1	F CA	A 14780 B 14780	7.988 0.004 8.706 0.007	8.402 0.009 9.107 0.019	7.895 0.010 8.532 0.018			47.709 284 97 +63.787 857 95 47.706 978 75 +63.789 166 14	12.55 12.55	53.96 53.96	-82.98 -82.98	0.84 0.91 1.39 0.87 1.02 2.32 2.80 1.39 0.87 1.02	A 322.09	5.969													
03114-0043	1	F CA	A 14825 B 14825	10.132 0.019 10.362 0.024					47.853 336 72 -0.709 255 18 47.853 339 24 -0.709 341 09	3.03 3.03	25.73 25.73	-12.72 -12.72	3.08 2.53 2.02 2.16 1.78 5.42 3.55 2.02 2.16 1.78	A 178	0.309													
03118-0718	1	F CA	A 14848 B 14848	10.611 0.279 10.709 0.305					47.938 062 29 -7.307 459 27 47.938 097 69 -7.307 411 31	4.82 4.82	23.18 23.18	-3.22 -3.22	19.56 31.16 3.33 3.32 3.10 23.13 31.49 3.33 3.32 3.10	A 36	0.21													
03119+6131	1	F CA	A 14864 B 14864	10.319 0.020 12.449 0.142					47.986 812 73 +61.520 000 29 47.987 059 46 +61.519 976 50	27.13 27.13	-2.51 -2.51	119.34 119.34	4.49 2.98 3.41 3.66 3.03 33.09 28.27 3.41 3.66 3.03	A 101	0.43													
03119-3017	1	F CA	A 14855 B 14855	9.059 0.007 10.503 0.025	9.177 0.010	8.879 0.011			47.966 405 63 -30.276 734 86 47.966 226 48 -30.276 390 91	5.19 5.19	-1.42 -1.42	1.44 1.44	1.28 1.38 1.83 1.31 1.34 6.34 8.44 1.83 1.31 1.34	A 335.8	1.36													
03121-2859	1	L CA	A 14879 B 14879	4.040 0.003 7.192 0.045	4.522 0.005	3.975 0.004			48.017 833 32 -28.989 106 23 48.016 585 72 -28.988 519 05	70.86 70.86	371.49 345.78	612.26 648.31	0.54 0.56 0.67 0.47 0.63 13.17 17.42 0.67 6.48 13.24	A 298.3	4.46 +0.3 +0.04													
03122+3713	1	L CA	A 14886 B 14886	8.037 0.007 8.309 0.008					48.039 765 75 +37.217 845 30 48.040 525 15 +37.217 390 91	23.60 23.60	-32.74 -24.30	-25.05 -24.78	2.26 1.45 2.03 1.69 1.58 3.74 2.27 2.03 2.35 2.26	A 126.75	2.717 -0.11 +0.007													
03124-4425	1	L NB G	A 14913 B 14913 C 14913	6.557 0.005 7.268 0.006 9.092 0.054	9.678 0.044	8.757 0.034			48.106 995 96 -44.419 653 95 48.106 991 68 -44.419 843 00 48.106 643 46 -44.420 677 44	22.83 22.83 22.83	82.73 97.53 87.06	-2.61 -20.82 -18.18	0.80 0.79 0.78 0.84 0.81 1.87 1.69 0.78 1.34 1.24 9.55 10.73 0.78 7.47 7.55	A 180.9 A 193.8	0.681 -1.3 +0.018 3.79 -0.1 +0.01													
03125+1857	1	F CB	A 14929 B 14929	9.142 0.413 9.447 0.547					48.137 099 91 +18.943 638 85 48.137 108 39 +18.943 613 30	9.58 9.58	12.22 12.22	-22.94 -22.94	11.92 21.59 1.13 1.10 0.98 18.61 18.36 1.13 1.10 0.98	A 163	0.10													
03125-0803	1	F ND D	A 14918 B 14918	9.188 0.041 11.095 0.237					48.115 766 96 -8.047 060 49 48.115 672 68 -8.047 088 25	-1.36 -1.36	4.66 4.66	-3.73 -3.73	3.98 1.80 2.17 2.68 1.69 34.36 15.05 2.17 2.68 1.69	A 253	0.35													
03125-7755	1	F CA	A 14926 B 14926	8.584 0.007 11.553 0.108					48.130 099 14 -77.915 181 85 48.130 070 95 -77.915 059 86	8.81 8.81	48.54 48.54	48.46 48.46	1.22 1.66 1.02 0.95 1.30 24.37 22.40 1.02 0.95 1.30	A 357	0.44													
03126+6914	1	L CA G	A 14932 B 14932	11.514 0.167 11.579 0.178					48.140 258 94 +69.237 222 15 48.140 135 33 +69.237 190 88	5.10 5.10	-21.32 10.49	33.79 -21.68	15.37 16.57 2.36 5.28 8.99 13.73 17.96 2.36 5.86 9.95	A 234	0.19 -19 +0.01													
03126+7133	1	L CA	A 14944 B 14944	8.483 0.005 8.557 0.006					48.162 928 66 +71.555 750 01 48.163 224 76 +71.555 449 67	20.55 20.55	13.94 24.48	11.80 22.00	1.19 1.51 1.59 1.02 1.38 2.11 3.28 1.59 1.86 2.46	A 162.7	1.133 -0.7 -0.007													
03126-6522	1	F CC	A 14942 B 14942	9.749 0.179 12.037 1.474					48.158 109 84 -65.358 609 72 48.158 054 36 -65.358 654 89	4.36 4.36	-2.74 -2.74	3.34 3.34	5.78 15.09 0.90 0.77 1.24 76.12 105.11 0.90 0.77 1.24	A 207	0.18													
03128-3807	1	F CA	A 14960 B 14960	10.175 0.008 10.600 0.012					48.210 373 57 -38.124 102 41 48.210 154 47 -38.123 958 68	4.86 4.86	76.21 76.21	1.60 1.60	2.35 2.37 2.87 2.30 2.58 3.96 4.49 2.87 2.30 2.58	A 309.8	0.808													
03130+4417	1	L CA	A 14969 B 14969	8.628 0.006 8.807 0.007					48.237 598 46 +44.287 380 22 48.237 428 67 +44.287 586 36	10.32 10.32	86.30 97.22	-19.87 -19.82	2.36 2.08 2.66 2.51 2.62 3.54 3.64 2.66 3.90 4.28	A 329.5	0.861 +0.6 -0.006													
03136+3909	1	I CA	A 15019 B 15017	8.807 0.011 9.038 0.013	9.204 0.019	8.744 0.019			48.397 154 13 +39.144 933 55 48.393 985 85 +39.147 069 10	7.50 7.08	26.81 28.81	-37.64 -35.70	4.67 2.79 3.63 5.71 3.96 8.41 6.00 4.32 7.68 5.88	A 311.00	11.72 +0.01 0.00													
03136-4712	1	F CA	A 15018 B 15018	9.192 0.007 9.309 0.008					48.395 867 82 -47.193 568 37 48.395 580 82 -47.193 608 74	6.19 6.19	63.03 63.03	41.09 41.09	3.17 2.00 2.42 3.66 2.35 3.99 3.43 2.42 3.66 2.35	A 258.3	0.717													
03137-6550	1	F CB	A 15031 B 15031	8.617 0.014 11.583 0.202	9.124 0.013	8.525 0.012			48.424 466 40 -65.830 036 09 48.430 048 86 -65.827 084 76	7.85 7.85	-17.66 -17.66	-18.20 -18.20	1.22 1.34 1.26 1.17 1.55 32.03 44.77 1.26 1.17 1.55	A 37.8	13.44													
03140+0044	1	F CA	A 15058 B 15058	8.214 0.006 8.260 0.006					48.511 852 30 +0.739 388 83 48.512 055 57 +0.739 147 92	16.27 16.27	74.73 74.73	-13.92 -13.92	2.47 1.87 2.33 2.71 2.13 5.63 2.76 2.33 2.71 2.13	A 139.8	1.13													
03140-0834	1	F ND D	A 15053 B 15053	8.591 0.006 12.400 0.177	9.096 0.013	8.542 0.012			48.499 562 23 -8.573 400 36 48.498 970 42 -8.574 087 04	5.26 5.26	-14.77 -14.77	-68.84 -68.84	1.67 1.00 1.64 2.37 1.52 65.79 38.93 1.64 2.37 1.52	A 220	3.25													
03144-6029	1	F CA	A 15075 B 15075	10.106 0.007 10.321 0.009					48.587 500 52 -60.488 645 09 48.587 910 13 -60.488 727 29	7.31 7.31	-6.80 -6.80	-22.38 -22.38	3.16 2.26 2.46 3.49 2.87 4.29 3.92 2.46 3.49 2.87	A 112.2	0.784													
03150+3543	1	F CA	A 15124 B 15124	9.513 0.006 10.234 0.012					48.751 098 39 +35.723 926 39 48.751 179 03 +35.724 156 40	2.45 2.45	-1.56 -1.56	-0.72 -0.72	2.33 1.50 2.34 2.38 2.24 6.08 3.77 2.34 2.38 2.24	A 15.9	0.861													
03151-4831	1	F CA P	A 15133 B 15133	9.495 0.009 10.937 0.033	10.325 0.029	9.322 0.020			48.778 437 02 -48.522 079 39 48.778 586 48 -48.521 733 09	3.87 3.87	-15.97 -15.97	-22.62 -22.62	1.57 1.53 1.59 1.79 1.68 6.53 10.89 1.59 1.79 1.68	A 16.0	1.30													
03152-6427	1	F ND D	A 15140 B 15144	6.727 0.019 9.508 0.203	7.176 0.006 9.580 0.021	6.671 0.005 8.955 0.019			48.796 123 83 -64.443 742 85 48.808 001 77 -64.445 139 12	8.89 8.89	-27.17 -27.17	-57.26 -57.26	1.21 1.25 1.06 1.15 1.32 48.53 51.02 1.06 1.15 1.32	A 105.2	19.12													



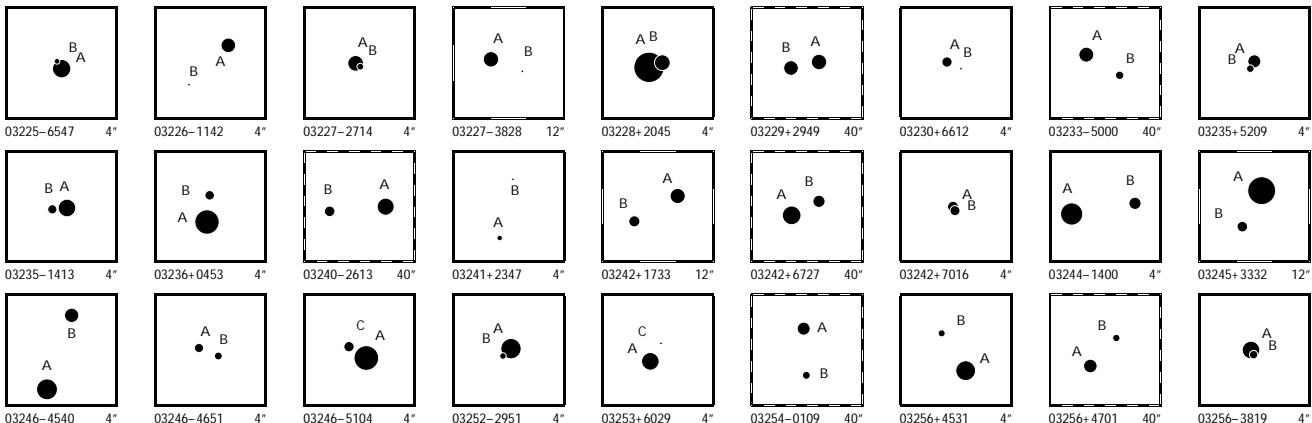
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03153+5955	1	FCA	A 15150 B 15150	9.285 0.009 10.436 0.023								48.819 784 71 48.819 906 97	+59.913 658 77 +59.913 472 81	3.00 3.00	5.14 5.14	-3.62 -3.62	2.18 2.06 2.91 7.04 7.40 2.91	2.47 2.47 2.47 2.47	2.47 2.47 2.47 2.47	A 162	0.70					
03155-5749	1	FCA	A 15176 B 15176	8.895 0.009 11.588 0.106		10.197 0.027 11.943 0.182	8.847 0.015 11.439 0.184					48.886 126 58 48.887 896 36	-57.821 649 33 -57.824 196 90	2.52 2.52	10.08 10.08	20.07 20.07	1.36 1.46 1.52 19.42 27.40 1.52	1.37 1.53 1.37 1.53	1.53 1.53 1.53 1.53	A 159.7	9.78					
03156+6108	1	FCB	A 15180 B 15180	7.707 0.031 10.266 0.328								48.910 357 51 48.910 259 89	+61.127 950 31 +61.127 908 60	2.79 2.79	-3.02 -3.02	-0.77 -0.77	3.68 3.38 1.12 29.40 25.94 1.12	1.06 1.00 1.06 1.00	1.00 1.00 1.00 1.00	A 228	0.23					
03158+5057	1	FCA	A 15193 B 15193	6.737 0.005 8.294 0.018		6.713 0.012	6.608 0.016					48.952 703 94 48.953 345 76	+50.955 975 51 +50.955 891 67	7.90 7.90	30.43 30.43	-35.30 -35.30	0.90 0.81 1.03 5.03 3.44 1.03	0.84 0.92 0.84 0.92	0.92 0.92 0.92 0.92	A 101.7	1.486					
03158-1822	1	FCA	A 15194 B 15194	8.491 0.007 11.561 0.107		9.725 0.018	8.428 0.011					48.952 562 99 48.952 274 95	-18.362 286 07 -18.362 578 14	5.87 5.87	6.03 6.03	48.02 48.02	1.40 1.06 1.48 25.26 27.12 1.48	1.62 1.36 1.62 1.36	1.36 1.36 1.36 1.36	A 223	1.44					
03160-0555	1	FCA	A 15203 B 15203	6.373 0.004 8.050 0.018								49.003 537 99 49.003 583 63	-5.918 696 82 -5.918 429 45	5.29 5.29	9.79 9.79	-3.59 -3.59	1.07 0.69 1.06 6.40 3.83 1.06	1.54 0.90 1.54 0.90	0.90 0.90 0.90 0.90	A	9.6	0.976				
03162+5810	1	FCB	A 15220 B 15220	10.987 0.024 11.266 0.031								49.055 581 25 49.056 055 66	+58.168 169 90 -63.280 502 98	74.29 74.29	431.20 431.20	-324.95 -324.95	5.61 4.68 6.30 14.15 13.02 6.30	6.57 5.52 6.57 5.52	5.52 5.52 5.52 5.52	A	10.6	4.88				
03163+1920	1	FCA	A 15227 B 15227	8.260 0.004 9.807 0.016								49.080 806 68 49.080 678 47	+19.337 779 47 +19.338 003 98	0.57 0.57	-11.90 -11.90	-3.29 -3.29	1.41 1.02 1.48 5.50 3.49 1.48	1.46 1.08 1.46 1.08	1.08 1.08 1.08 1.08	A 331.7	0.918					
03163-6317	1	FCA	A 15225 S 15225	9.517 0.009 9.519 0.009								49.067 330 69 49.067 592 00	-63.280 671 88 -63.280 631 48	4.40 4.40	22.23 22.23	4.66 4.66	2.42 2.45 1.50 2.49 2.65 1.50	1.73 1.46 1.73 1.46	1.46 1.46 1.46 1.46	A 71	0.447					
03168+0501	1	FCA	A 15253 B 15253	9.458 0.010 11.868 0.086		9.982 0.029	9.361 0.026					49.190 255 15 49.189 556 18	+5.020 127 06 +5.020 128 95	10.82 10.82	25.64 25.64	-268.07 -268.07	2.23 1.95 2.36 25.03 22.26 2.36	2.65 2.59 2.65 2.59	2.59 2.59 2.59 2.59	A 270	2.51					
03168-2204	1	FCA	A 15257 B 15257	8.562 0.007 10.888 0.057		9.630 0.019	8.465 0.012					49.201 129 17 49.201 476 91	-22.072 309 37 -22.072 041 15	4.16 4.16	-4.66 -4.66	-20.77 -20.77	1.26 1.27 1.72 12.09 13.78 1.72	1.51 1.63 1.51 1.63	1.63 1.63 1.63 1.63	A 50.2	1.51					
03172+4029	1	FCA	A 15282 B 15282	6.797 0.005 7.838 0.013		6.718 0.007	6.771 0.009					49.297 692 70 49.298 334 70	+40.483 054 29 +40.483 922 93	4.63 4.63	13.90 13.90	-31.11 -31.11	1.47 1.14 1.60 7.10 5.58 1.60	1.88 1.36 1.88 1.36	1.36 1.36 1.36 1.36	A 29.3	3.59					
03172-2302	1	FCA	A 15280 B 15280	9.677 0.016 10.007 0.022		10.205 0.027	9.550 0.025					49.292 138 70 49.289 486 02	-23.026 474 16 -23.027 062 14	7.28 7.28	-7.09 -7.09	-62.11 -62.11	2.54 2.47 2.85 7.25 5.52 2.85	2.39 2.57 2.39 2.57	2.57 2.57 2.57 2.57	A 256.46	9.04					
03173-4324	1	FCA	A 15293 B 15293	8.843 0.005 11.862 0.080		10.499 0.030	8.870 0.014					49.328 768 84 49.329 047 80	-43.407 328 03 -43.407 927 89	3.16 3.16	5.64 5.64	2.56 2.56	1.15 1.11 1.32 27.54 24.99 1.32	1.22 1.17 1.22 1.17	1.17 1.17 1.17 1.17	A 161	2.28					
03174+2619	1	FCC	A 15300 B 15300	11.295 0.027 13.767 0.253								49.344 760 49 49.344 472 51	+26.315 148 25 +26.316 011 96	29.49 29.49	182.90 182.90	-47.44 -47.44	4.76 3.65 4.70 92.49 61.83 4.70	5.12 4.55 5.12 4.55	4.55 4.55 4.55 4.55	A 343	3.25					
03175+6539	1	FCA	A 15309 B 15309	7.027 0.003 7.487 0.004								49.381 418 44 49.381 709 46	+65.658 350 07 +65.658 400 38	5.47 5.47	-10.33 -10.33	6.88 6.88	0.76 0.73 0.94 1.51 1.38 0.94	0.76 0.87 0.76 0.87	0.87 0.87 0.87 0.87	A 67.2	0.468					
03177+3838	1	LCA	A 15329 B 15329	7.880 0.004 8.474 0.007								49.433 063 93 49.432 788 51	+38.639 310 76 +38.639 256 90	13.94 13.94	105.32 111.86	-36.31 -46.58	1.87 1.19 1.74 3.70 2.12 1.74	1.74 1.38 2.51 2.11	1.38 1.38 1.38 1.38	A 255.9	0.798	-0.8	-0.004			
03177-4020	1	FCA	A 15328 B 15328	9.050 0.009 11.015 0.053		9.457 0.015	8.909 0.012					49.430 575 38 49.431 348 59	-40.336 807 70 -40.337 157 34	9.48 9.48	132.47 132.47	49.57 49.57	1.34 1.45 1.67 10.72 13.45 1.67	1.59 1.67 1.59 1.67	1.67 1.67 1.67 1.67	A 120.7	2.47					
03177-6305	1	FCA	A 15325 B 15325	8.349 0.005 10.665 0.043		8.840 0.012	8.268 0.010					49.421 095 58 49.421 022 80	-63.077 057 63 -63.076 033 67	8.78 8.78	-105.41 -105.41	-66.39 -66.39	0.94 0.93 0.91 9.24 10.19 0.91	0.90 0.93 0.90 0.93	0.93 0.93 0.93 0.93	A 358.2	3.69					
03180-1034	1	FCA	A 15356 B 15356	9.160 0.013 11.345 0.096		9.518 0.018	9.051 0.018					49.502 069 27 49.501 296 40	-10.570 284 01 -10.569 787 98	6.82 6.82	44.59 44.59	21.03 21.03	2.37 1.36 2.20 16.47 11.66 2.20	3.37 1.91 3.37 1.91	1.91 1.91 1.91 1.91	A 303.1	3.27					
03181+0803	1	FCB	A 15368 B 15368	11.941 0.034 13.187 0.105								49.531 842 04 49.531 636 50	+8.044 269 32 +8.044 421 17	13.76 13.76	58.94 58.94	-3.70 -3.70	5.66 4.00 5.62 33.33 22.55 5.62	7.48 5.32 7.48 5.32	5.32 5.32 5.32 5.32	A 307	0.91					
03182-3823	1	FCC	A 15370 B 15370	8.536 0.008 12.827 0.392								49.543 336 13 49.543 188 77	-38.379 433 70 -38.379 344 72	4.07 4.07	0.86 0.86	-6.97 -6.97	1.44 1.32 1.19 63.94 63.03 1.19	0.95 1.00 0.95 1.00	1.00 1.00 1.00 1.00	A 308	0.52					
03184-0056	1	FCA	A 15383 B 15383	5.674 0.003 8.015 0.022		6.745 0.011	5.530 0.005					49.592 828 30 49.592 507 69	-0.930 141 05 -0.930 245 06	14.68 14.68	251.68 251.68	-60.59 -60.59	0.90 0.67 0.96 7.13 5.58 0.96	0.91 0.76 0.91 0.76	0.76 0.76 0.76 0.76	A 252.0	1.21					
03184-2231	1	LCA	A 15382 B 15382	5.324 0.008 6.569 0.024								49.592 086 01 49.591 999 24	-22.511 145 26 -22.511 164 00	12.79 12.79	14.09 7.70	10.85 20.05	1.36 1.24 0.75 4.15 4.29 0.75	0.76 1.17 1.91 3.49	1.17 1.17 1.17 1.17	A 257	0.296	+2	+0.004			
03186-4238	1	FCA	A 15407 B 15407	8.605 0.006 11.248 0.069		9.052 0.013	8.520 0.013					49.661 788 47 49.660 395 16	-42.642 124 26 -42.642 372 05	10.19 10.19	-47.51 -47.51	6.26 6.26	1.11 1.16 1.27 16.87 20.61 1.27	1.11 1.18 1.11 1.18	1.18 1.18 1.18 1.18	A 256.4	3.80					
03187+4702	1	FCA	A 15410 B 15410	8.537 0.005 10.403 0.024		8.847 0.014	8.460 0.014					49.669 114 45 49.670 531 69	+47.025 535 06 +47.025 587 98	5.72 5.72	33.22 33.22	-36.51 -36.51	1.28 1.10 1.48 7.21 6.90 1.48	1.42 1.46 1.42 1.46	1.46 1.46 1.46 1.46	A 86.9	3.48					
03187-1834	1	LCA	A 15411 B 15411	5.924 0.003 8.371 0.023		6.235 0.005	5.871 0.005					49.671 135 24 49.673 073 58	-18.559 640 06 -18.560 722 75	27.33 27.33	124.90 132.57	-63.27 -77.42	0.94 0.67 0.85 7.79 6.85 0.85	0.88 0.72 5.19 4.90	0.72 0.72 0.72 0.72	A 120.51	7.678	+0.06	+0.014			



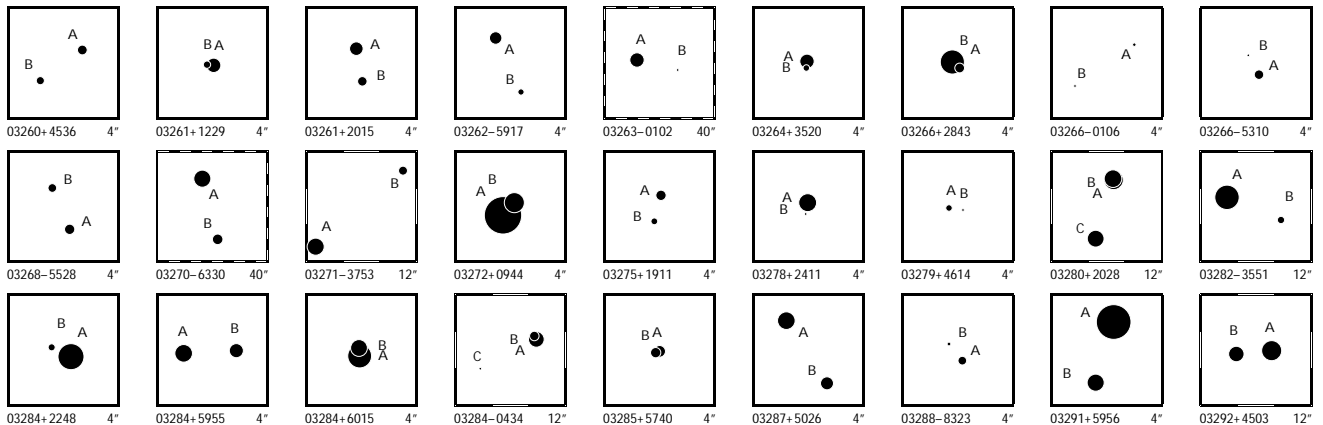
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03187-2526	1	F CA	A 15418 B 15418	8.727 0.007 11.492 0.084	9.334 0.014	8.646 0.012		49.683 174 54 49.682 108 35	-25.428 861 92 -25.428 033 71	11.82 11.82	11.00 11.00	-15.91 -15.91	1.29 1.18 1.61 1.42 1.40 18.85 20.66 1.61 1.42 1.40	A 310.7	4.57													
03189-0101	1	F CA	A 15430 B 15430	10.304 0.008 10.504 0.009				49.720 010 33 49.719 935 61	-1.019 372 91 -1.019 518 54	11.43 11.43	180.15 180.15	93.65 93.65	6.77 6.58 5.34 6.31 7.47 10.20 8.22 5.34 6.31 7.47	A 207	0.589													
03193+4557	1	F D	A 15455 B 15455	10.324 0.037 10.768 0.056	10.607 0.046	10.218 0.053		49.827 162 06 49.824 307 67	+45.951 291 97 +45.952 073 18	12.48 12.48	5.10 5.10	6.72 6.72	7.63 5.61 9.18 9.68 8.61 20.54 18.03 9.18 9.68 8.61	A 291.5	7.68													
03193-5053	1	F CA	A 15451 B 15451	9.004 0.045 9.147 0.051				49.823 292 65 49.823 201 04	-50.875 296 35 -50.875 288 12	8.48 8.48	-32.54 -32.54	21.83 21.83	4.78 2.51 0.86 0.90 0.86 5.24 3.93 0.86 0.90 0.86	A 278	0.210													
03194-4850	1	F CC	A 15459 B 15459	9.306 0.008 12.658 0.161	9.669 0.018	9.265 0.018		49.842 401 79 49.840 522 08	-48.831 835 64 -48.830 465 19	7.49 7.49	-17.18 -17.18	-35.37 -35.37	1.21 1.28 1.30 1.41 1.57 47.24 40.23 1.30 1.41 1.57	A 317.9	6.65													
03195-4506	1	F CA	A 15473 B 15473	9.202 0.007 11.387 0.050				49.874 415 40 49.874 167 58	-45.105 223 58 -45.105 030 79	10.97 10.97	54.37 54.37	119.24 119.24	1.22 1.32 1.44 1.31 1.48 10.37 11.06 1.44 1.31 1.48	A 318	0.94													
03196+6714	1	F CA	A 15482 B 15482	8.816 0.006 8.963 0.006				49.897 320 87 49.898 148 69	+67.237 587 83 +67.237 623 24	14.43 14.43	-52.98 -52.98	-15.70 -15.70	1.58 2.01 2.31 1.27 2.26 2.48 2.32 2.31 1.27 2.26	B 83.7	1.160													
03196-0558	1	F CA	A 15480 B 15480	10.197 0.007 12.054 0.040	10.412 0.035	10.011 0.038		49.896 105 14 49.896 520 43	-5.972 301 74 -5.972 315 87	8.00 8.00	-4.27 -4.27	-17.62 -17.62	2.62 1.37 2.92 3.63 2.34 22.95 8.10 2.92 3.63 2.34	A 92.0	1.49													
03199-3014	1	F CA	A 15511 B 15511	9.211 0.007 9.224 0.007				49.974 878 72 49.974 579 05	-30.225 956 23 -30.225 618 03	3.51 3.51	23.97 23.97	10.36 10.36	1.70 1.86 2.43 1.54 2.15 3.11 3.29 2.43 1.54 2.15	A 322.6	1.533													
03201-6247	1	F CC	A 15535 B 15535	10.375 0.061 12.712 0.523				50.032 067 65 50.032 148 21	-62.788 097 58 -62.788 048 30	2.39 2.39	0.60 0.60	-0.89 -0.89	13.32 7.67 1.43 1.47 1.50 92.56 74.37 1.43 1.47 1.50	A 37	0.22													
03203+1944	1	F CA	A 15550 B 15550	8.377 0.008 8.451 0.008	8.509 0.021	8.299 0.023	8.610 0.022	8.429 0.025	50.085 943 83 50.083 948 65	+19.730 391 60 +19.729 757 42	7.14 7.14	16.03 16.03	-14.20 -14.20	2.31 1.60 2.17 2.93 2.07 4.48 3.21 2.17 2.93 2.07	A 251.34	7.14												
03203+2341	1	F CA	A 15552 B 15552	7.655 0.006 9.900 0.047	7.819 0.014	7.589 0.012		50.088 459 74 50.087 902 27	+23.689 425 41 +23.689 958 36	7.76 7.76	30.52 30.52	-56.38 -56.38	1.47 1.23 1.58 1.75 1.41 13.31 7.66 1.58 1.75 1.41	A 316.2	2.66													
03206+1911	1	F CA	A 15566 B 15566	8.873 0.012 9.361 0.019				50.142 254 91 50.142 573 94	+19.180 421 59 +19.180 305 94	3.70 3.70	10.17 10.17	-11.02 -11.02	2.84 1.78 2.23 2.88 2.19 10.25 4.90 2.23 2.88 2.19	A 111.0	1.16													
03206-8608	1	F CA	A 15574 B 15574	9.318 0.018 9.969 0.032				50.158 606 95 50.157 383 65	-86.138 269 31 -86.138 267 14	6.75 6.75	0.19 0.19	-18.04 -18.04	2.98 2.38 1.16 1.25 1.51 5.17 5.76 1.16 1.25 1.51	A 272	0.297													
03209+0110	1	F CA	A 15599 B 15599	8.803 0.005 10.994 0.034	9.307 0.025	8.724 0.023		50.222 535 58 50.222 603 46	+1.165 013 05 +1.164 440 40	14.96 14.96	140.03 140.03	-38.17 -38.17	1.85 1.74 1.87 2.37 2.40 17.36 12.72 1.87 2.37 2.40	A 173.2	2.08													
03209+2031	1	F CB	A 15597 B 15597	6.976 0.003 10.792 0.106				50.214 415 02 50.214 349 48	+20.509 485 91 +20.509 636 65	7.40 7.40	5.89 5.89	-23.20 -23.20	1.05 0.88 0.99 1.08 0.92 33.87 34.02 0.99 1.08 0.92	A 338	0.59													
03211+4322	1	F CA	A 15617 B 15617	9.838 0.010 10.175 0.013	9.856 0.060	9.877 0.083		50.273 974 89 50.273 791 69	+43.360 564 92 +43.359 627 85	3.24 3.24	0.34 0.34	-4.67 -4.67	3.43 2.90 2.71 2.45 2.72 5.78 3.61 2.71 2.45 2.72	B 188.1	3.407													
03211-2610	1	F CC	A 15616 B 15616	8.749 0.065 11.212 0.623				50.268 727 85 50.268 670 03	-26.171 100 20 -26.171 100 47	3.92 3.92	35.08 35.08	0.23 0.23	5.88 3.34 1.18 1.01 0.99 55.73 31.65 1.18 1.01 0.99	A 270	0.19													
03212+1347	1	F CA	A 15625 B 15625	10.393 0.009 12.405 0.054	11.034 0.056	10.333 0.050		50.301 924 92 50.300 153 54	+13.784 006 66 +13.783 908 73	3.79 3.79	36.64 36.64	2.53 2.53	2.63 1.74 2.72 3.01 2.53 26.49 17.10 2.72 3.01 2.53	A 266.7	6.20													
03212+2109	1	F CA	A 15627 B 15627	5.354 0.007 8.168 0.061				50.306 712 25 50.306 535 80	-21.147 140 57 -21.146 987 73	7.06 7.06	21.68 21.68	-22.41 -22.41	1.09 0.78 1.03 1.22 0.94 16.12 8.59 1.03 1.22 0.94	A 227	0.81													
03212+5910	1	F CA	A 15623 B 15623	8.451 0.006 10.412 0.037	8.694 0.011	8.367 0.012	10.412 0.037	50.297 959 68 50.300 814 61	+59.167 659 21 +59.168 191 79	2.04 2.04	2.81 2.81	-0.57 -0.57	1.51 1.29 1.78 1.53 1.56 15.04 9.55 1.78 1.53 1.56	A 70.0	5.61													
03213+1038	1	F CA	A 15633 B 15633	9.187 0.056 9.426 0.069				50.325 382 08 50.325 441 07	+10.629 817 78 +10.629 863 40	11.88 11.88	-41.40 -41.40	-19.60 -19.60	7.39 4.93 1.47 1.63 1.55 10.20 6.07 1.47 1.63 1.55	A 52	0.27													
03218+6830	1	F CA	A 15665 B 15665	10.097 0.009 10.184 0.010	10.119 0.028	9.536 0.027	10.181 0.030	9.636 0.027	50.441 492 57 50.440 922 36	+68.499 990 30 +68.500 534 45	6.17 6.17	33.10 33.10	-16.70 -16.70	1.70 2.56 2.79 1.68 2.74 3.43 4.95 2.79 1.68 2.74	A 339.0	2.10												
03221+4440	1	F CA	A 15688 B 15688	10.041 0.052 10.784 0.103				50.521 520 68 50.521 578 14	+44.661 652 60 +44.661 713 75	9.98 9.98	83.34 83.34	-47.12 -47.12	6.81 6.46 1.80 1.66 1.60 15.37 11.69 1.80 1.66 1.60	A 34	0.26													
03221-1316	1	IND	A 15690 B 15689	8.995 0.037 11.527 0.308	10.216 0.034	8.917 0.019		50.526 335 08 50.523 218 76	-13.273 088 49 -13.278 119 98	2.59 2.59	9.24 -112.94	-13.68 -299.04	2.77 2.19 2.62 2.81 2.74 88.04 66.08 61.79 62.48 56.70	A 211.1	21.15	-0.1	+0.31											
03222+6244	1	I CA	A 15686 B 15691	7.775 0.011 10.476 0.105	8.388 0.009	7.709 0.008	10.013 0.034	50.520 279 15 50.531 031 84	+62.741 444 75 +62.738 794 76	6.33 8.37	29.94 20.68	-28.28 -20.29	1.07 1.35 1.48 1.19 1.56 23.31 30.26 16.42 18.61 30.94	A 118.3	20.13	0.0	-0.01											
03223-4119	1	F CA	A 15703 B 15703	9.341 0.007 9.560 0.009				50.569 609 10 50.569 612 25	-41.315 702 70 -41.315 988 09	16.09 16.09	75.38 75.38	97.37 97.37	1.58 1.70 1.78 1.72 2.15 3.01 3.35 1.78 1.72 2.15	A 179.5	1.027													



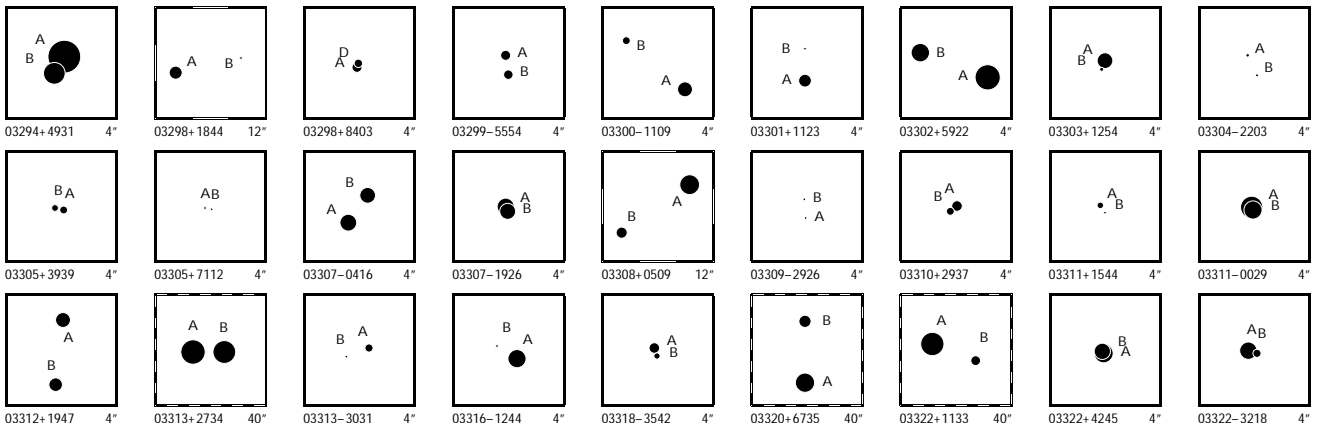
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03225-6547	1	FCA	A 15719 B 15719	7.922 0.018 10.756 0.242								50.612 388 63 50.612 503 39	-65.781 673 66 -65.781 597 79	5.94 5.94	32.45 32.45	10.46 10.46	2.05 20.59	3.67 22.59	0.91 0.91	0.81 0.81	0.94 0.94	A	32		0.32	
03226-1142	1	FCB	A 15727 B 15727	8.789 0.010 12.050 0.193	9.226 0.017	8.691 0.016						50.648 673 45 50.649 092 91	-11.700 777 62 -11.701 183 48	6.57 6.57	-21.37 -21.37	-6.68 -6.68	2.19 61.02	1.68 46.07	2.25 2.25	2.50 2.50	2.30 2.30	A	135		2.08	
03227-2714	1	FCA	A 15736 B 15736	8.548 0.064 10.506 0.388								50.686 025 93 50.685 973 47	-27.238 272 53 -27.238 300 24	4.25 4.25	-10.85 -10.85	7.50 7.50	5.63 31.06	3.27 24.40	1.04 1.04	0.89 0.89	0.91 0.91	A	239		0.20	
03227-3828	1	FCB	A 15733 B 15733	8.603 0.008 12.178 0.203	9.771 0.018	8.526 0.011						50.676 507 94 50.675 294 02	-38.459 057 62 -38.459 417 91	3.09 3.09	41.96 41.96	17.54 17.54	1.14 41.09	1.15 34.40	1.39 1.39	1.23 1.23	1.36 1.36	A	249		3.66	
03228+2045	1	FCA	A 15737 B 15737	5.304 0.003 8.503 0.054								50.688 633 99 50.688 485 27	+20.742 105 10 +20.742 153 79	10.23 10.23	-49.22 -49.22	-14.88 -14.88	1.27 28.68	0.98 31.08	1.05 1.05	1.28 1.28	1.02 1.02	A	289		0.53	
03229+2949	1	ICA	P A 15744 B 15746	8.600 0.010 8.786 0.011	8.831 0.019	8.553 0.021	9.118 0.025	8.677 0.024				50.715 842 58 50.719 122 13	+29.818 459 28 +29.817 882 07	4.43 4.63	25.04 22.03	-21.33 -30.65	4.48 7.90	2.26 4.89	3.35 3.84	5.41 7.05	3.29 5.32	A	101.47	10.45	+0.05	0.00
03230+6612	1	FCC	A 15755 B 15755	9.704 0.010 13.158 0.224								50.740 597 76 50.740 237 69	+66.199 446 48 +66.199 377 12	1.72 1.72	-3.51 -3.51	-3.24 -3.24	1.86 42.47	1.60 52.19	1.87 1.87	1.14 1.14	1.69 1.69	A	244		0.58	
03233-5000	1	ICA	A 15774 B 15771	8.696 0.011 10.150 0.037	9.944 0.021	8.685 0.013	12.294 0.177	10.413 0.055				50.820 645 50 50.815 300 40	-49.992 578 06 -49.994 770 31	50.64 50.16	247.98 233.23	266.14 261.70	1.83 10.19	2.03 12.49	1.73 5.62	1.87 7.63	2.34 9.92	A	237.46	14.67	+0.02	+0.01
03235+5209	1	FCA	A 15790 B 15790	9.127 0.021 10.328 0.065								50.875 458 62 50.875 533 05	+52.148 500 92 +52.148 226 35	2.65 2.65	2.61 2.61	-3.38 -3.38	2.64 8.37	3.13 8.85	1.44 1.44	1.51 1.51	1.35 1.35	A	149		0.31	
03235-1413	1	FCA	A 15786 B 15786	8.126 0.004 9.960 0.019								50.865 114 30 50.865 272 19	-14.220 821 29 -14.220 836 42	11.54 11.54	-7.63 -7.63	30.67 30.67	1.21 5.45	1.00 6.79	1.33 1.33	1.13 1.13	1.12 1.12	A	96		0.554	
03236+0453	1	FCA	A 15807 B 15807	6.575 0.003 9.894 0.056								50.912 474 48 50.912 440 23	+4.882 111 55 +4.882 383 65	2.92 2.92	-6.83 -6.83	-2.56 -2.56	0.89 14.17	0.71 14.34	0.95 0.95	1.00 1.00	0.87 0.87	A	353		0.99	
03240-2613	1	LF	D A 15833 B 15834	8.241 0.053 9.664 0.157	8.672 0.013	8.201 0.013	9.032 0.015	8.500 0.014				50.988 797 58 50.995 201 27	-26.216 183 92 -26.216 662 12	12.01 12.01	-42.74 -44.54	-4.89 14.72	3.47 13.10	2.80 11.76	3.37 3.37	4.13 13.33	4.61 11.85	A	94.76	20.75	-0.05	0.00
03241+2347	1	FCA	A 15844 B 15844	10.803 0.014 12.072 0.045								51.026 422 50 51.026 269 93	+23.785 340 67 +23.785 948 92	50.54 50.54	217.18 217.18	-129.17 -129.17	3.91 15.40	3.34 11.68	4.66 4.66	4.39 4.39	3.47 3.47	A	347.1		2.25	
03242+1733	1	FCA	A 15854 B 15854	8.645 0.008 9.558 0.017	9.943 0.053	9.357 0.046						51.059 613 21 51.061 025 07	+17.549 715 29 +17.548 935 69	5.12 5.12	14.28 14.28	-53.04 -53.04	2.49 6.46	2.02 5.75	3.32 3.32	2.80 2.80	2.81 2.81	A	120.1		5.600	
03242+6727	1	ICA	A 15855 B 15852	7.858 0.004 9.284 0.014	8.374 0.008	7.776 0.008	9.882 0.017	9.116 0.014				51.061 980 37 51.054 678 40	+67.455 207 43 +67.456 588 04	6.26 5.58	58.47 55.64	-15.07 -10.02	1.06 5.05	1.43 6.85	1.60 3.76	1.07 3.52	1.57 4.79	A	296.25	11.237	+0.02	+0.005
03242+7016	1	FCA	A 15851 B 15851	9.579 0.116 9.777 0.139								51.048 956 81 51.048 892 32	+70.262 154 42 +70.262 112 15	-1.22 -1.22	6.17 6.17	-7.33 -7.33	6.67 7.14	9.14 10.14	1.15 1.15	0.78 0.78	1.17 1.17	A	207		0.17	
03244-1400	1	FCA	A 15869 B 15869	7.055 0.005 9.284 0.039	7.158 0.005	7.043 0.007	9.282 0.020	8.923 0.025				51.102 532 63 51.101 868 99	-13.992 958 12 -13.992 850 13	5.59 5.59	8.84 8.84	2.91 2.91	1.05 11.67	0.88 8.93	1.15 1.15	1.00 1.00	1.06 1.06	A	279.5		2.35	
03245+3332	1	FCA	A 15876 B 15876	5.816 0.003 9.657 0.092	5.781 0.003	5.798 0.004	9.716 0.052	9.249 0.055				51.123 663 06 51.124 353 40	+33.536 017 71 +33.534 912 27	6.19 6.19	31.87 31.87	-22.99 -22.99	0.82 28.08	0.66 15.98	0.92 0.92	0.91 0.91	0.84 0.84	A	152.5		4.49	
03246-4540	1	FCA	A 15883 B 15883	7.385 0.003 8.820 0.011	7.636 0.006	7.321 0.008	9.007 0.017	8.642 0.017				51.143 925 80 51.143 562 85	-45.663 919 36 -45.663 160 91	8.39 8.39	4.36 4.36	18.15 18.15	0.76 3.58	0.75 4.15	0.86 0.86	0.79 0.79	0.91 0.91	A	341.5		2.879	
03246-4651	1	FCA	A 15881 B 15881	9.974 0.006 10.256 0.008								51.141 847 97 51.141 566 15	-46.850 496 93 -46.850 573 52	6.68 6.68	66.52 66.52	10.97 10.97	2.82 4.21	2.66 4.97	2.83 2.83	3.42 3.42	3.19 3.19	A	248.3		0.747	
03246-5104	1	LCA	A 15884 C 15884	6.569 0.002 9.722 0.039								51.150 873 44 51.151 167 97	-51.062 705 39 -51.062 590 30	7.49 7.49	-7.37 8.49	19.71 32.83	0.65 10.45	0.62 11.43	0.61 0.61	0.65 6.66	0.63 8.26	A	58	0.78	0	+0.02
03252-2951	1	FCA	A 15930 B 15930	7.482 0.006 10.589 0.103								51.298 236 61 51.298 334 32	-29.843 079 94 -29.843 151 79	3.90 3.90	35.41 35.41	-3.17 -3.17	1.15 17.89	1.35 25.30	1.16 1.16	0.75 0.75	1.00 1.00	A	130		0.40	
03253+6029	1	FCC	A 15941 C 15941	8.112 0.007 11.610 0.154								51.317 765 88 51.317 540 27	+60.483 718 86 +60.483 907 49	1.13 1.13	-0.70 -0.70	-3.26 -3.26	1.76 65.33	1.62 53.48	2.12 2.12	2.02 2.02	1.97 1.97	A	329		0.79	
03254-0109	1	ICA	A 15956 B 15955	9.143 0.021 10.254 0.052	9.459 0.022	8.998 0.022	10.398 0.042	9.793 0.039				51.353 838 94 51.353 585 54	-1.152 937 09 -1.157 677 02	1.68 3.40	-32.57 -29.79	-26.70 -28.97	3.64 19.61	2.05 11.62	3.55 9.74	4.47 12.08	3.76 10.38	A	183.06	17.09	-0.01	0.00
03256+4531	1	FCA	A 15972 B 15972	7.592 0.004 10.423 0.045	7.584 0.008	7.535 0.010						51.407 076 70 51.407 424 78	+45.515 567 23 +45.515 952 22	2.14 2.14	10.41 10.41	-2.48 -2.48	0.94 13.69	0.78 9.90	1.11 1.11	0.95 0.95	0.89 0.89	A	32.4		1.64	
03256+4701	1	ICA	A 15971 B 15970	8.998 0.014 10.383 0.041	9.306 0.019	8.945 0.020	10.334 0.043	10.110 0.055				51.406 828 62 51.402 884 66	+47.020 702 72 +47.023 554 70	12.35 7.18	26.21 7.83	-19.63 2.17	3.65 14.52	2.95 12.93	3.47 9.36	3.84 11.95	4.07 13.81	A	316.7	14.11	0.0	+0.03
03256-3819	1	FCA	A 15964 B 15964	8.123 0.041 10.127 0.260								51.395 081 05 51.395 042 81	-38.312 636 44 -38.312 684 34	11.50 11.50	141.56 141.56	24.31 24.31	2.73 18.08	3.75 21.78	0.97 0.97	0.85 0.85	1.01 1.01	A	212		0.20	



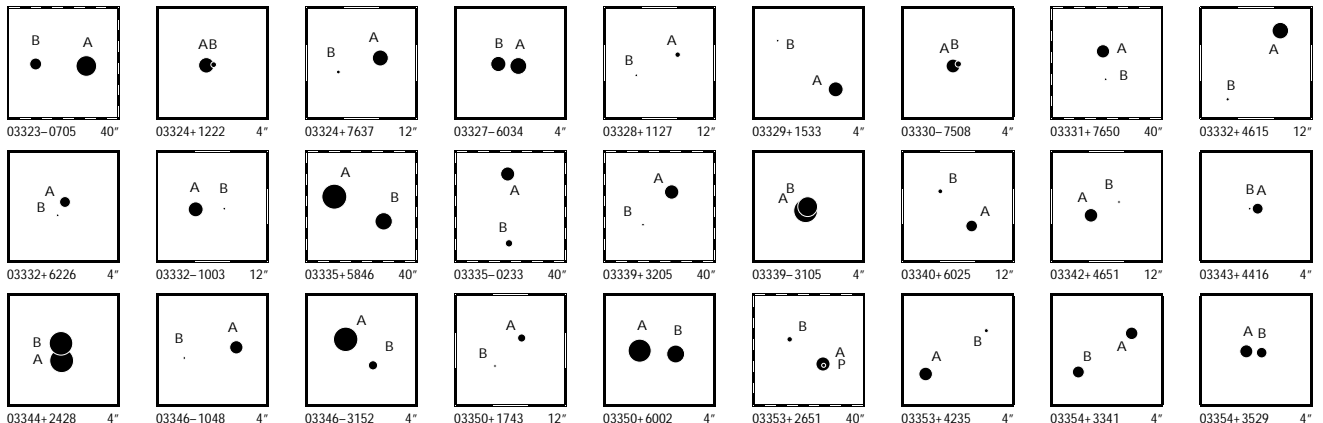
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03260+4536	1	F CA	A 15992 B 15992	9.851 10.214	0.009 0.012	10.047 10.309	0.042 0.046	9.450 9.591	0.042 0.047	51.504 51.505	437 066	72 57	+45.600 +45.600	420 112	88 40	7.97 7.97	-6.58 -6.58	-78.60 -78.60	3.55 6.50	2.12 5.29	2.98 2.98	3.69 3.69	2.65 2.65	A	125.0		1.934	
03261+1229	1	F CA	A 16008 B 16008	8.821 10.376	0.076 0.319					51.536 51.536	703 775	98 23	+12.481 +12.481	864 878	08 81	13.68 13.68	-75.75 -75.75	-32.47 -32.47	8.63 38.36	4.44 18.22	1.55 2.10	2.10 1.81	1.81 1.81	A	78		0.26	
03261+2015	1	F CA	A 15996 B 15996	9.019 9.921	0.007 0.015	9.161	0.019	8.742	0.020	51.513 51.513	817 741	70 69	+20.245 +20.245	587 260	80 36	3.47 3.47	-8.03 -8.03	-9.52 -9.52	3.61 13.20	3.47 16.11	3.25 3.25	3.89 3.89	2.91 2.91	A	192		1.21	
03262-5917	1	F CA	A 16013 B 16013	9.264 10.614	0.005 0.017	9.532 10.398	0.019 0.074	9.070 9.846	0.017 0.081	51.547 51.546	059 552	78 79	-59.285 -59.285	003 58	64 43	5.72 5.72	62.06 62.06	71.47 71.47	1.25 5.64	1.31 5.43	1.32 1.32	1.22 1.22	1.36 1.36	A	205.0		2.20	
03263-0102	1	F CA	A 16021 B 16021	8.806 11.421	0.009 0.095	9.386	0.018	8.718	0.015	51.572 51.567	150 936	89 25	-1.035 -1.035	027 97	15 64	12.19 12.19	25.59 25.59	-21.47 -21.47	1.59 34.50	0.94 16.94	1.68 1.68	1.89 1.89	1.59 1.59	A	257.3		15.55	
03264+3520	1	F CA	A 16025 B 16025	8.799 10.580	0.025 0.130					51.587 51.587	698 709	11 16	+35.340 +35.340	590 524	88 89	13.29 13.29	-33.04 -33.04	-2.08 -2.08	2.30 11.53	3.50 12.55	1.48 1.48	1.42 1.42	1.32 1.32	A	172		0.24	
03266+2843	1	F CB P	B 16042 A 16042	6.686 9.835	0.020 0.351					51.647 51.647	339 255	38 31	+28.715 +28.715	340 283	96 23	19.91 19.91	41.35 41.35	-104.29 -104.29	3.22 36.15	2.72 24.58	1.25 1.25	1.41 1.41	1.35 1.35	B	232		0.34	
03266-0106	1	F CA	A 16045 B 16045	11.211 11.419	0.018 0.022	11.768	0.122	10.813	0.082	51.649 51.650	955 563	59 49	-1.104 -1.104	074 49	87 09	4.55 4.55	26.15 26.15	-30.14 -30.14	4.70 10.79	2.77 6.85	4.66 4.66	5.40 5.40	4.62 4.62	A	124.5		2.65	
03266-5310	1	F ND	D A 16039 B 16039	9.901 13.609	0.009 0.266					51.640 51.641	888 064	17 72	-53.162 -53.162	124 92	47 40	20.91 20.91	295.89 295.89	222.52 222.52	1.46 79.59	1.37 74.47	1.43 1.43	1.59 1.59	1.34 1.34	A	28		0.81	
03268-5528	1	F CA	A 16055 B 16055	9.715 10.064	0.008 0.011	9.969 10.079	0.030 0.046	9.397 9.546	0.030 0.054	51.688 51.688	350 66	66 39	-55.467 -55.467	509 085	05 36	8.66 8.66	-25.88 -25.88	-5.73 -5.73	1.75 3.88	1.90 4.14	1.81 1.81	1.83 1.83	2.03 2.03	A	22.5		1.651	
03270-6330	1	F ND	D A 16069 B 16068	8.231 9.658	0.019 0.055	10.211	0.031	9.615	0.028	51.744 51.741	825 293	44 64	-63.498 -63.504	499 748	14 85	61.07 8.21	356.99 17.25	-247.77 16.60	1.67 15.25	1.76 15.03	1.42 8.65	1.52 9.66	1.68 9.86	A	194.15	23.20	+0.97	-0.17
03271-3753	1	F CA	A 16080 B 16078	8.191 10.014	0.008 0.036	8.619 10.368	0.018 0.041	8.140 9.788	0.017 0.038	51.774 51.771	945 551	48 10	-37.890 -37.888	745 390	95 16	12.23 17.46	-4.50 6.42	79.24 79.76	1.68 11.37	1.72 12.22	1.70 5.65	2.01 10.18	2.04 9.91	A	311.33	12.84	+0.03	-0.01
03272+0944	1	F CA	A 16083 B 16083	3.740 7.552	0.004 0.117					51.792 51.792	170 045	49 65	+9.732 +9.732	772 896	15 15	14.68 14.68	53.61 53.61	-38.12 -38.12	0.89 29.46	0.72 22.53	1.01 1.01	1.02 1.01	1.01 1.01	A	315		0.63	
03275+1911	1	F CA	A 16109 B 16109	9.723 10.517	0.009 0.018					51.883 51.883	608 681	48 06	+19.187 +19.187	296 025	16 32	5.64 5.64	-56.75 -56.75	-67.20 -67.20	2.57 6.95	2.11 6.26	2.93 2.93	2.96 2.96	2.81 2.81	A	165.8		1.01	
03278+2411	1	F CA	A 16132 B 16132	8.044 11.519	0.004 0.086					51.956 51.956	647 670	00 09	+24.182 +24.182	797 677	83 08	3.73 3.73	-10.06 -10.06	-18.49 -18.49	1.34 33.09	0.93 19.10	1.16 1.16	1.24 1.24	1.05 1.05	A	170		0.44	
03279+4614	1	F CA	A 16135 B 16135	10.571 11.826	0.014 0.042					51.971 51.971	745 532	92 56	+46.240 +46.240	477 457	69 80	2.71 2.71	6.27 6.27	-3.93 -3.93	2.87 12.50	1.87 9.61	2.58 2.58	2.54 2.54	2.21 2.21	A	262		0.54	
03280+2028	1	F CA	G A 16143 B 16143 C 16143	7.720 8.079 8.271	0.046 0.077 0.028	8.431	0.019	8.208	0.021	52.005 52.005 52.006	807 838 413	08 71 22	+20.464 +20.464 +20.464	248 306 441	09 75 53	4.96 4.96 4.96	2.61 2.61 2.61	-4.73 -4.73 -4.73	8.80 13.38 12.94	5.38 13.32 13.81	6.41 6.41 6.41	7.87 7.87 7.87	6.36 6.36 6.36	A	27	0.24	6.82	
03282-3551	1	F CB	A 16156 B 16156	6.576 10.357	0.004 0.125	6.667 10.584	0.004 0.065	6.537 10.075	0.004 0.067	52.047 52.045	911 858	77 26	-35.853 -35.854	418 112	73 12	9.01 9.01	35.67 35.67	-3.29 -3.29	0.61 23.29	0.69 25.04	0.84 0.84	0.66 0.66	0.73 0.73	A	247.3		6.49	
03284+2248	1	F ND	D A 16181 B 16181	6.218 10.447	0.003 0.161					52.110 52.110	696 918	49 66	+22.804 +22.804	277 370	06 85	14.44 14.44	0.02 0.02	-111.40 -111.40	1.01 56.81	0.68 30.17	0.93 0.93	1.09 1.09	0.91 0.91	A	65		0.81	
03284+5955	1	F CA	A 16183 B 16183	8.113 8.878	0.006 0.011	9.908 9.291	0.075 0.028	8.122 8.843	0.022 0.047	52.121 52.119	061 979	21 06	+59.906 +59.906	656 679	23 28	0.92 0.92	-0.56 -0.56	-3.62 -3.62	1.44 3.14	1.25 3.39	1.77 1.77	1.52 1.52	1.38 1.38	A	272.4		1.955	
03284+6015	1	F CA	A 16177 B 16177	6.734 8.287	0.009 0.037					52.098 52.098	182 190	37 33	+60.255 +60.255	710 791	68 58	3.80 3.80	23.10 23.10	-22.31 -22.31	1.56 6.94	1.60 6.26	0.89 0.89	0.85 0.85	0.84 0.84	A	3		0.29	
03284-0434	1	F CA	G A 16172 B 16172 C 16172	8.500 9.916 11.735	0.013 0.035 0.290					52.091 52.091 52.093	469 522 192	05 94 07	-4.562 -4.562 -4.563	510 389 396	39 25 79	4.81 4.81 4.81	4.35 4.35 4.35	-3.86 -3.86 -3.86	2.58 9.84 24.49	1.92 8.20 19.01	2.64 2.64 2.64	2.61 2.61 2.61	2.48 2.48 2.48	A	24	0.48	6.96	
03285+5740	1	F CA	A 16185 B 16185	9.437 9.704	0.178 0.228					52.122 52.122	679 752	41 47	+57.671 +57.671	776 763	72 59	7.18 7.18	39.99 39.99	-45.68 -45.68	12.15 15.46	12.75 17.88	1.47 1.47	1.32 1.32	1.25 1.25	A	109		0.15	
03287+5026	1	F CA	A 16196 B 16196	8.091 9.092	0.005 0.013	8.544 9.462	0.015 0.022	8.009 8.954	0.016 0.023	52.168 52.167	450 788	24 82	+50.436 +50.435	448 805	46 15	5.75 5.75	-11.16 -11.16	-5.25 -5.25	1.32 4.32	0.98 3.29	1.39 1.39	1.33 1.33	1.33 1.33	A	213.2		2.768	
03288-8323	1	F CA	A 16208 B 16208	10.102 11.180	0.008 0.021					52.206 52.207	214 351	19 07	-83.384 -83.384	859 684	85 17	4.92 4.92	-1.25 -1.25	22.42 22.42	1.65 5.32	1.87 6.07	1.77 1.77	1.77 2.08	2.08 2.08	A	36.7		0.79	
03291+5956	1	F ND	D A 16228 B 16228	4.339 8.224	0.006 0.202	4.693	0.003	4.295	0.003	52.267 52.267	226 587	84 72	+59.940 +59.939	334 715	61 16	0.76 0.76	-0.82 -0.82	-1.85 -1.85	0.75 38.37	0.70 31.21	0.89 0.89	0.71 0.71	0.82 0.82	A	164		2.32	
03292+4503	1	F CA	A 16235 B 16235	7.568 8.586	0.005 0.013	7.529 9.666	0.009 0.045	7.517 8.320	0.013 0.027	52.307 52.308	281 825	50 04	+45.049 +45.049	328 220	52 76	1.38 1.38	1.74 1.74	-3.27 -3.27	1.17 4.58	0.93 3.00	1.34 1.34	1.15 1.15	1.12 1.12	A	95.64		3.945	



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt					
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
03294+4931	1	FCA	A 16244 B 16244	4.756 7.176	0.003 0.026			52.341 792 96 52.341 953 91	+49.509 019 19 +49.508 847 78	5.84 5.84	22.16 22.16	-29.18 -29.18	0.70 6.44	0.65 5.71	0.85 0.85	0.74 0.74	0.91 0.91	A	149				0.72					
03298+1844	1	FND	D A 16271 B 16271	9.140 13.110	0.006 0.023	9.593	0.022	9.115	0.022	52.446 436 52 52.444 313 22	+18.738 491 23 +18.738 943 44	8.65 8.65	-8.15 -8.15	-48.09 -48.09	2.00 108.37	0.99 48.25	2.03 2.03	2.25 2.25	1.88 1.88	A	282.7			7.42				
03298+8403	1	FFD	W A 16267 D 16267	9.766 10.137	0.302 0.424			52.413 207 80 52.413 034 13	+84.046 605 21 +84.046 650 09	0.58 0.58	5.67 5.67	10.17 10.17	15.30 18.83	27.45 28.60	1.14 1.14	0.96 0.96	1.22 1.22	A	338			0.17						
03299-5554	1	FCA	A 16284 B 16284	9.758 9.879	0.007 0.008			52.479 603 09 52.479 563 40	-55.900 254 04 -55.900 450 20	5.29 5.29	10.73 10.73	17.40 17.40	1.76 2.85	3.33 3.95	2.16 2.16	1.65 1.65	3.09 3.09	A	186.5			0.711						
03300-1109	1	FCA	A 16291 B 16291	8.674 10.239	0.009 0.039	9.032	0.016	8.559	0.014	52.496 068 89 52.496 675 99	-11.146 333 59 -11.145 841 95	8.12 8.12	-32.89 -32.89	-99.55 -99.55	1.84 11.56	1.31 6.82	1.88 1.88	2.29 2.29	1.60 1.60	A	50.5			2.78				
03301+1123	1	FND	D A 16296 B 16296	9.188 12.023	0.011 0.153			52.524 771 06 52.524 773 27	+11.387 557 82 +11.387 883 99	5.68 5.68	10.33 10.33	-13.00 -13.00	2.14 42.27	1.54 34.34	2.18 2.18	2.94 2.94	2.57 2.57	A	0			1.17						
03302+5922	1	FCA	A 16303 B 16303	6.432 7.890	0.004 0.015	6.330	0.015	6.237	0.019	52.545 548 46 52.546 905 98	+59.366 068 84 +59.366 316 22	9.67 9.67	14.07 14.07	-50.27 -50.27	0.86 4.34	0.78 3.74	1.07 1.07	0.77 0.77	0.85 0.85	A	70.3			2.645				
03303+1254	1	FCA	A 16314 B 16314	8.498 11.119	0.013 0.141			52.563 946 64 52.563 986 21	+12.901 904 06 +12.901 825 27	6.14 6.14	-32.67 -32.67	-45.33 -45.33	2.37 23.24	2.38 14.53	1.58 1.58	1.67 1.67	1.40 1.40	A	154			0.32						
03304-2203	1	FCA	A 16324 B 16324	11.208 11.365	0.017 0.020			52.607 872 77 52.607 768 78	-22.048 598 14 -22.048 798 38	20.13 20.13	125.96 125.96	60.30 60.30	3.71 8.59	6.05 8.95	5.75 5.75	4.19 4.19	7.00 7.00	A	206			0.80						
03305+3939	1	FCC	P A 16328 B 16328	10.237 10.509	0.110 0.138			52.626 127 94 52.626 231 61	+39.658 125 78 +39.658 148 76	1.80 1.80	4.66 4.66	-8.74 -8.74	15.87 21.43	6.83 11.93	3.03 3.03	3.44 3.44	2.55 2.55	A	74			0.30						
03305+7112	1	FFC	A 16332 B 16332	11.385 11.520	0.155 0.175			52.634 245 84 52.634 034 87	+71.192 082 06 +71.192 069 34	0.31 0.31	-11.20 -11.20	0.80 0.80	26.10 27.50	22.90 25.88	3.34 3.34	2.54 2.54	3.67 3.67	A	259			0.25						
03307-0416	1	FCA	A 16347 B 16347	8.293 8.497	0.005 0.006			52.663 907 86 52.663 711 26	-4.273 273 48 -4.272 995 30	9.71 9.71	-7.55 -7.55	-3.99 -3.99	2.72 6.75	2.03 4.18	2.80 2.80	4.12 4.12	2.52 2.52	A	324.8			1.23						
03307-1926	1	LCA	A 16348 B 16348	8.223 8.468	0.057 0.072			52.666 902 04 52.666 888 14	-19.435 546 24 -19.435 595 38	23.76 23.76	-6.64 9.15	0.55 -16.49	5.24 6.89	5.14 6.32	1.07 1.07	4.12 5.07	1.80 2.19	A	195		0.183	-6	+0.012					
03308+0509	1	FCA	A 16363 B 16363	7.602 9.546	0.004 0.021	7.977	0.011	7.550	0.010	52.698 637 65 52.700 740 68	+5.152 664 18 +5.151 187 78	6.93 6.93	-20.02 -20.02	-16.02 -16.02	1.40 7.52	0.84 4.54	1.48 1.48	1.69 1.69	1.41 1.41	A	125.18			9.23				
03309-2926	1	FCC	A 16373 B 16373	11.674 13.567	0.018 0.100			52.729 770 71 52.729 787 62	-29.431 229 91 -29.431 037 72	8.96 8.96	-49.28 -49.28	-144.51 -144.51	2.90 31.66	3.87 35.25	5.25 5.25	2.71 2.71	4.15 4.15	A	4			0.69						
03310+2937	1	FCA	A 16376 B 16376	9.643 10.241	0.028 0.049			52.747 110 95 52.747 188 12	+29.613 722 14 +29.613 678 37	7.82 7.82	-11.89 -11.89	12.95 12.95	4.59 9.02	3.46 6.98	1.81 1.81	2.02 2.02	1.69 1.69	A	123			0.29						
03311+1544	1	FCC	A 16393 B 16393	10.548 13.064	0.034 0.341			52.776 180 96 52.776 128 41	+15.736 111 97 +15.736 040 43	6.50 6.50	-3.56 -3.56	-5.96 -5.96	9.27 113.57	5.41 40.71	3.40 3.40	3.91 3.91	3.08 3.08	A	215			0.32						
03311-0029	1	FCA	A 16389 B 16389	7.064 7.993	0.131 0.308			52.766 633 83 52.766 625 46	-0.481 140 42 -0.481 167 02	6.16 6.16	-11.26 -11.26	-22.56 -22.56	6.83 15.80	7.44 10.30	0.80 0.80	0.88 0.88	0.72 0.72	A	197			0.10						
03312+1947	1	FCA	A 16401 B 16401	8.728 9.012	0.007 0.009	9.093	0.021	8.588	0.015	52.805 954 20 52.806 036 14	+19.783 429 44 +19.782 769 23	8.75 8.75	35.04 35.04	36.64 36.64	2.48 3.73	1.15 3.19	2.44 2.44	3.25 3.25	2.11 2.11	A	173.3			2.393				
03313+2734	1	INB	A 16411 B 16410	6.628 6.985	0.021 0.028	6.630	0.005	6.596	0.007	52.836 363 56 52.832 785 91	+27.571 881 29 +27.571 857 35	4.20 4.20	41.23 42.48	-23.84 -21.52	4.24 12.23	2.61 7.94	3.61 6.42	4.48 8.40	4.14 7.89	A	269.57		11.42	+0.01	0.00			
03313-3031	1	FCA	A 16413 B 16413	10.214 12.092	0.009 0.048			52.836 570 71 52.836 830 04	-30.516 292 69 -30.516 378 14	7.81 7.81	29.75 29.75	-8.92 -8.92	1.65 12.90	1.99 16.61	2.59 2.59	1.87 1.87	2.38 2.38	A	111			0.86						
03316-1244	1	FCA	A 16435 B 16435	7.978 11.390	0.004 0.092			52.903 004 31 52.903 215 63	-12.734 765 72 -12.734 636 87	4.91 4.91	-12.09 -12.09	-2.96 -2.96	1.11 20.64	0.77 15.94	1.02 1.02	1.22 1.22	0.94 0.94	A	58			0.88						
03318-3542	1	FCA	A 16442 B 16442	9.653 10.619	0.032 0.077			52.938 351 67 52.938 319 24	-35.703 123 84 -35.703 209 76	5.82 5.82	27.29 27.29	63.03 63.03	3.13 8.83	4.86 9.67	1.59 1.59	1.20 1.20	1.47 1.47	A	197			0.32						
03320+6735	1	INB	A 16459 B 16458	7.735 9.282	0.017 0.054	8.027	0.005	7.669	0.006	53.005 926 43 53.005 941 60	+67.585 679 44 +67.591 954 73	5.98 -20.71	23.02 35.38	-25.17 -34.34	1.20 12.64	1.63 18.20	1.83 14.21	1.16 8.77	1.85 14.73	A	0.05	22.59	+0.03	-0.01				
03322+1133	1	FCA	A 16478 B 16478	6.816 9.818	0.007 0.102	6.833	0.004	6.785	0.007	53.049 682 04 53.045 187 66	+11.542 525 45 +11.540 816 09	6.23 6.23	31.18 31.18	-40.99 -40.99	1.21 40.44	0.75 18.71	1.34 1.34	1.39 1.39	1.22 1.22	A	248.8			17.01				
03322+4245	1	FCC	A 16473 B 16473	7.810 8.417	0.404 0.707			53.039 272 22 53.039 279 44	+42.749 339 28 +42.749 361 52	4.70 4.70	-0.12 -0.12	-10.13 -10.13	10.71 20.64	19.66 18.37	0.93 0.93	0.88 0.88	0.86 0.86	A	13			0.08						
03322-3218	1	FCA	A 16480 B 16480	8.169 10.210	0.009 0.059			53.054 326 77 53.054 222 53	-32.307 963 95 -32.307 986 04	4.40 4.40	-8.73 -8.73	-17.65 -17.65	1.84 9.32	1.73 12.21	1.21 1.21	0.79 0.79	1.00 1.00	A	256			0.33						

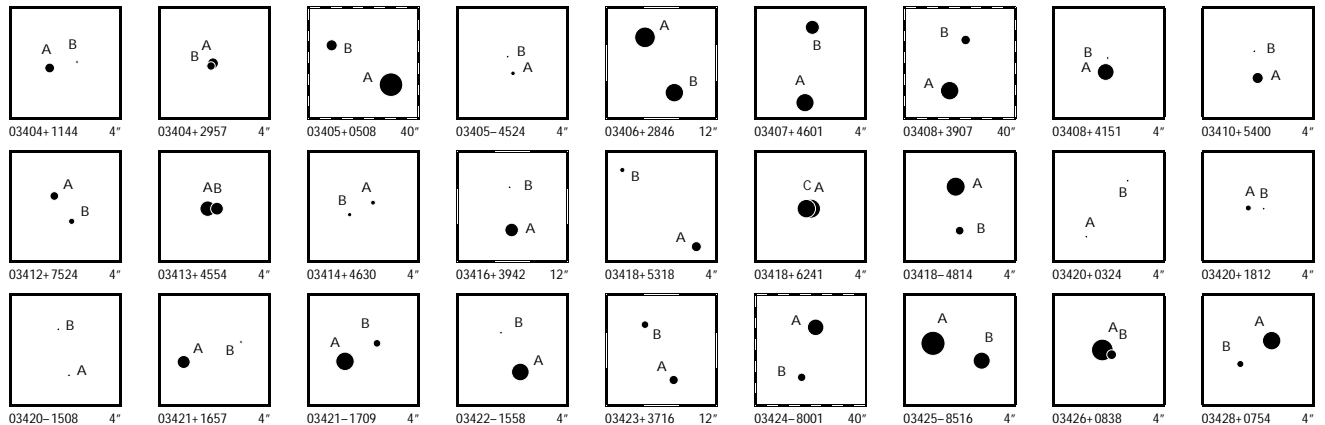


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03323-0705	1	I CA	A 16485 B 16486	7.428 0.021 9.381 0.100	7.859 0.012 10.098 0.050	7.343 0.010 9.467 0.046	53.064 173 90 53.069 433 07	-7.090 016 89 -7.089 844 38	5.54 -4.23	-38.31 -79.73	-41.77 -89.73	2.09 1.64 2.02 3.49 2.90 31.06 26.43 14.03 42.06 40.59	A 88.1 18.80 +0.1 -0.04												
03324+1222	1	F CB	A 16497 B 16497	8.575 0.029 10.743 0.213			53.106 757 89 53.106 676 72	+12.363 504 07 +12.363 509 90	6.65 6.65	21.21 21.21	-7.88 -7.88	6.44 4.83 1.77 2.19 1.55 39.94 36.87 1.77 2.19 1.55	A 274 0.29												
03324+7637	1	F CA	A 16495 B 16495	8.474 0.006 11.163 0.076	8.625 0.008	8.430 0.010	53.103 405 12 53.109 032 78	+76.617 435 19 +76.616 991 16	2.97 2.97	-4.97 -4.97	-4.65 -4.65	1.00 1.11 1.23 1.00 1.27 17.72 17.70 1.23 1.00 1.27	A 108.8 4.95												
03327-6034	1	L CA	A 16523 B 16523	8.272 0.004 8.626 0.006			53.181 819 49 53.182 237 88	-60.574 418 49 -60.574 399 97	13.73 13.73	118.85 115.14	56.24 64.67	1.84 1.34 1.31 1.61 1.44 2.51 2.41 1.31 2.24 2.11	A 84.9 0.743 -0.7 -0.003												
03328+1127	1	F ND	D A 16525 B 16525	10.797 0.022 13.825 0.354	11.151 0.078	10.622 0.077	53.189 733 71 53.191 023 14	+11.453 135 19 +11.452 484 26	-0.03 -0.03	-11.57 -11.57	-8.48 -8.48	3.12 1.92 3.26 4.23 3.72 113.31 60.65 3.26 4.23 3.72	A 117 5.12												
03329+1533	1	F CA	A 16532 B 16532	8.699 0.005 11.802 0.085	9.095 0.017	8.626 0.017	53.223 436 18 53.224 045 71	+15.549 667 26 +15.550 168 10	10.98 10.98	28.10 28.10	58.45 58.45	1.71 0.95 1.89 2.80 2.41 27.32 16.40 1.89 2.80 2.41	A 49.5 2.78												
03330-7508	1	L CA	A 16539 B 16539	8.925 0.040 10.626 0.191			53.246 976 20 53.246 766 56	-75.132 870 60 -75.132 850 52	7.06 7.06	19.12 0.32	102.64 100.46	4.62 3.90 0.91 1.40 2.00 18.78 18.76 0.91 5.58 8.34	A 290 0.21 -2 +0.02												
03331+7650	1	F ND	D A 16550 B 16550	9.079 0.007 13.101 0.268	9.233 0.012	9.035 0.014	53.280 262 52 53.278 994 24	+76.836 339 75 +76.833 463 00	2.56 2.56	11.83 11.83	-19.80 -19.80	1.02 1.05 1.22 1.09 1.27 69.12 74.72 1.22 1.09 1.27	A 185.7 10.41												
03332+4615	1	F CA	A 16563 B 16563	8.365 0.007 11.294 0.081	9.148 0.021	8.363 0.017	53.305 970 56 53.308 297 22	+46.257 800 38 +46.255 693 77	29.61 29.61	67.45 67.45	-176.39 -176.39	1.30 0.89 1.40 1.19 1.05 23.14 17.52 1.40 1.19 1.05	A 142.6 9.54												
03332+6226	1	F CA	A 16565 B 16565	9.592 0.007 11.632 0.041			53.307 217 96 53.307 383 08	+62.429 437 31 +62.429 292 85	3.24 3.24	-5.13 -5.13	-5.92 -5.92	1.22 1.58 1.92 1.36 1.85 8.74 12.13 1.92 1.36 1.85	A 152 0.59												
03332-1003	1	F CA	A 16554 B 16554	8.679 0.005 12.114 0.115	8.960 0.021	8.610 0.021	53.314 771 20 53.313 846 66	-10.059 933 59 -10.059 921 07	5.21 5.21	-24.41 -24.41	-28.69 -28.69	1.54 1.00 1.52 1.90 1.28 42.62 23.15 1.52 1.90 1.28	A 270.8 3.28												
03335+5846	1	I CA	A 16587 B 16584	6.502 0.021 8.158 0.076	6.614 0.005 8.312 0.015	6.439 0.006 7.901 0.015	53.384 124 63 53.374 260 54	+58.765 351 10 +58.762 879 54	4.27 10.18	13.07 4.70	-45.58 -44.73	1.77 1.65 1.95 1.49 1.69 20.35 18.01 11.71 10.80 11.18	A 244.22 20.45 +0.01 +0.01												
03335-0233	1	F FC	G A 16582 B 16583	8.862 0.140 10.361 0.420	9.977 0.032 11.038 0.074	8.816 0.020 10.605 0.074	53.374 152 33 53.374 001 69	-2.542 884 00 -2.549 954 59	-1.72 -1.72	61.89 61.89	-27.85 -27.85	63.51 27.76 13.08 27.90 14.61 15.70 9.52 13.08 27.90 14.61	A 181.2 25.46												
03339+3205	1	F ND	D A 16626 B 16626	8.801 0.012 12.272 0.277	10.363 0.039	8.798 0.019	53.481 658 94 53.485 185 66	+32.083 597 45 +32.080 250 24	2.31 2.31	5.81 5.81	-7.87 -7.87	1.53 1.19 1.73 1.93 1.90 85.82 52.39 1.73 1.93 1.90	A 138.2 16.15												
03339-3105	1	L CA	A 16628 B 16628	6.693 0.057 7.626 0.135			53.486 732 41 53.486 698 46	-31.080 312 33 -31.080 271 59	23.54 23.54	-44.54 -12.97	89.00 46.64	3.99 4.57 0.76 2.28 2.19 8.19 8.01 0.76 5.35 4.75	A 324 0.18 0 -0.05												
03340+6025	1	F CA	A 16630 B 16630	9.414 0.009 10.914 0.036	9.607 0.020 10.698 0.055	9.309 0.023 10.649 0.084	53.495 894 01 53.497 855 84	+60.408 902 20 +60.409 971 42	0.10 0.10	8.28 8.28	-17.58 -17.58	1.66 1.68 2.03 2.09 2.08 10.24 8.96 2.03 2.09 2.08	A 42.2 5.19												
03342+4651	1	F CC	A 16644 B 16644	8.996 0.025 12.859 0.859	9.225 0.015	8.943 0.017	53.541 040 23 53.539 798 03	+46.849 210 57 +46.849 638 75	-0.03 -0.03	-1.06 -1.06	-5.70 -5.70	2.94 2.25 3.20 2.88 2.63 94.26 71.34 3.20 2.88 2.63	A 297 3.42												
03343+4416	1	F CC	A 16655 B 16655	9.623 0.040 12.465 0.547			53.575 654 91 53.575 778 74	+44.269 949 16 +44.269 958 08	2.11 2.11	12.43 12.43	-19.79 -19.79	4.54 2.80 2.38 2.17 1.78 79.64 45.57 2.38 2.17 1.78	A 84 0.32												
03344+2428	1	L CA	A 16664 B 16664	6.734 0.006 6.764 0.006			53.610 930 00 53.610 931 58	+24.464 475 43 +24.464 656 07	6.28 6.28	2.70 -1.00	-33.96 -27.58	6.59 7.86 3.96 11.30 14.26 7.13 8.01 3.96 11.54 14.41	A 0 0.65 0 +0.01												
03346-1048	1	F CA	A 16679 B 16679	9.060 0.006 12.224 0.109	10.608 0.048	9.036 0.021	53.657 582 50 53.658 135 31	-10.794 851 13 -10.794 955 22	2.40 2.40	-7.64 -7.64	-29.97 -29.97	1.83 1.21 1.69 2.40 1.69 37.52 22.89 1.69 2.40 1.69	A 101 1.99												
03346-3152	1	F CA	A 16672 B 16672	6.588 0.005 9.949 0.098	8.312 0.009	6.576 0.004	53.639 909 78 53.639 574 45	-31.874 798 45 -31.875 068 25	2.36 2.36	15.36 15.36	-1.10 -1.10	0.71 0.82 1.04 0.78 0.95 23.35 23.72 1.04 0.78 0.95	A 227 1.41												
03350+1743	1	F CA	A 16706 B 16706	10.187 0.035 11.915 0.094	11.032 0.069	10.057 0.045	53.743 766 59 53.744 645 71	+17.710 668 42 +17.709 829 40	2.54 2.54	67.34 67.34	-41.49 -41.49	5.97 2.61 5.37 6.84 4.35 40.89 20.39 5.37 6.84 4.35	A 135 4.27												
03350+6002	1	L CA	A 16712 B 16712	6.891 0.006 8.034 0.016	7.047 0.021	6.633 0.018	53.754 314 34 53.753 565 64	+60.041 376 77 +60.041 334 54	17.86 17.86	-22.58 -42.63	21.52 26.85	1.12 1.07 1.20 1.11 1.16 5.55 4.19 1.20 3.66 2.86	A 263.6 1.355 +0.3 +0.019												
03353+2651	1	F CA	G A 16740 B 16742 P 16740	8.899 0.025 10.806 0.132 11.085 0.122	10.962 0.066	10.396 0.065	53.835 013 50 53.838 796 84 53.834 977 83	+26.850 185 83 +26.852 765 24 +26.850 065 50	5.22 5.22 5.22	29.96 29.96 29.96	-32.32 -32.32 -32.32	3.92 2.44 4.03 3.95 3.52 31.80 21.32 4.03 3.95 3.52 24.76 20.95 4.03 3.95 3.52	A 52.6 15.29 A 195 0.45												
03353+4235	1	F CA	A 16729 B 16729	9.009 0.010 11.071 0.063	9.035 0.016	8.902 0.019	53.809 251 76 53.808 410 99	+42.590 799 56 +42.591 244 62	-1.74 -1.74	0.27 0.27	2.29 2.29	1.73 1.37 2.01 1.97 1.83 14.64 11.88 2.01 1.97 1.83	A 305.7 2.74												
03354+3341	1	F CA	A 16744 B 16744	9.227 0.012 9.388 0.013	9.386 0.032 9.645 0.026	8.989 0.043 9.180 0.030	53.845 306 76 53.845 968 42	+33.676 366 18 +33.675 970 41	4.12 4.12	16.34 16.34	-7.24 -7.24	3.60 2.24 3.06 3.26 3.51 9.28 4.89 3.06 3.26 3.51	A 125.7 2.44												
03354+3529	1	L CA	A 16747 B 16747	9.106 0.010 9.663 0.016			53.860 071 32 53.859 878 40	+35.479 922 43 +35.479 913 18	26.73 26.73	-55.66 -29.58	-32.08 -29.52	2.88 1.50 2.25 2.74 1.98 5.74 3.50 2.25 4.67 3.88	A 266.6 0.567 +0.1 -0.026												

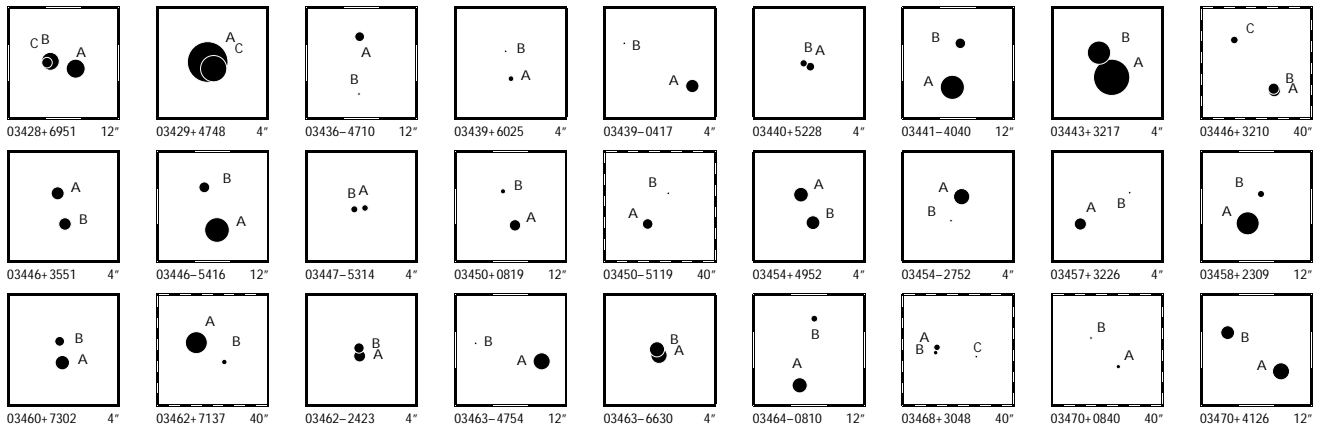


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03356+3141	1	FCA	B	16757	7.616	0.005						53.907 635 21	+31.680 442 76	11.92	63.88	0.06	1.57	1.02	1.33	1.36	1.36	B	222.4	1.095		
			A	16757	7.813	0.006						53.907 394 47	+31.680 218 06	11.92	63.88	0.06	2.60	1.52	1.33	1.36	1.36					
03356+8624	1	FCB	A	16754	9.172	0.006						53.887 970 52	+86.399 785 59	6.79	23.44	-20.78	1.59	1.63	1.48	1.42	1.60	A	23	0.58		
			B	16754	12.500	0.128						53.888 971 25	+86.399 932 90	6.79	23.44	-20.78	51.36	35.95	1.48	1.42	1.60					
03359+0934	1	FCB	A	16778	12.092	0.063						53.981 327 25	+9.566 019 96	2.50	-6.97	-49.13	10.13	8.95	5.56	24.84	12.90	A	359	0.29		
			B	16778	12.568	0.097						53.981 325 59	+9.566 100 50	2.50	-6.97	-49.13	26.71	18.93	5.56	24.84	12.90					
03362+4220	1	LCA	A	16793	8.878	0.006						54.038 994 17	+42.339 767 98	13.07	141.58	-145.79	2.38	1.78	2.47	2.10	1.95	A	324.5	0.671	+1.1	+0.007
			B	16793	9.695	0.013						54.038 847 66	+42.339 919 55	13.07	147.87	-132.09	5.61	3.84	2.47	4.48	3.95					
03363-1728	1	FCA	P	A	16803	5.482	0.082					54.072 458 55	-17.467 045 05	6.89	33.35	-9.65	5.51	2.58	0.82	0.88	0.80	A	65	0.15		
			B	16803	6.839	0.284						54.072 498 49	-17.467 027 17	6.89	33.35	-9.65	17.72	9.89	0.82	0.88	0.80					
03365+1011	1	FCA	A	16830	9.941	0.012						54.128 521 65	+10.185 477 73	5.92	-14.95	-29.57	3.16	2.49	2.69	3.31	2.74	A	4	0.410		
			B	16830	10.373	0.018						54.128 529 98	+10.185 591 21	5.92	-14.95	-29.57	5.93	4.08	2.69	3.31	2.74					
03365-7819	1	FCA	A	16827	6.894	0.069						54.125 706 30	-78.323 094 11	4.10	-14.30	6.53	4.84	2.70	0.49	0.42	0.52	A	68	0.142		
			B	16827	7.665	0.141						54.125 886 84	-78.323 079 03	4.10	-14.30	6.53	7.71	5.53	0.49	0.42	0.52					
03367-5201	1	FCA	A	16839	10.125	0.090						54.181 195 19	-52.014 522 37	7.10	6.53	-3.55	5.57	8.35	1.16	1.21	1.38	A	21	0.21		
			B	16839	10.555	0.133						54.181 228 54	-52.014 468 45	7.10	6.53	-3.55	10.19	12.33	1.16	1.21	1.38					
03368+0035	1	FCA	A	16846	6.036	0.005	6.998	0.008	5.995	0.006		54.197 119 94	+0.588 154 98	34.52	-32.98	-163.45	0.82	0.61	0.87	0.93	0.88	A	268.2	6.66		
			B	16846	8.902	0.041	10.115	0.063	8.902	0.037		54.195 270 19	+0.588 097 86	34.52	-32.98	-163.45	10.59	7.13	0.87	0.93	0.88					
03368-2229	1	FCA	A	16848	8.616	0.005	9.652	0.019	8.530	0.013		54.207 432 97	-22.484 900 86	-1.27	7.67	-14.17	0.96	1.16	1.47	1.09	1.32	A	221	1.31		
			B	16848	12.119	0.123	10.115	0.063	8.902	0.037		54.207 172 07	-22.485 173 60	-1.27	7.67	-14.17	22.52	33.67	1.47	1.09	1.32					
03371-4054	1	FCA	A	16867	8.861	0.006	9.785	0.022	8.771	0.015		54.265 703 73	-40.897 174 30	4.71	-1.39	-11.93	1.18	1.23	1.39	1.33	1.48	A	335	1.66		
			B	16867	11.279	0.056	10.115	0.063	8.902	0.037		54.265 445 78	-40.896 755 52	4.71	-1.39	-11.93	16.03	17.06	1.39	1.33	1.48					
03372-4428	1	FCA	A	16881	8.719	0.006						54.308 752 02	-44.472 047 07	0.74	-5.15	8.08	1.06	1.09	1.19	1.22	1.30	A	38	0.70		
			B	16881	11.708	0.093						54.308 920 19	-44.471 892 96	0.74	-5.15	8.08	20.29	20.60	1.19	1.22	1.30					
03375-6631	1	FCB	A	16903	8.987	0.149						54.372 394 27	-66.524 578 12	5.40	30.26	32.55	6.74	7.70	0.69	0.63	0.73	A	140	0.15		
			B	16903	10.463	0.579						54.372 460 49	-66.524 609 40	5.40	30.26	32.55	28.21	31.79	0.69	0.63	0.73					
03377-2028	1	LCA	A	16916	10.315	0.015	10.524	0.049	10.226	0.057		54.433 707 06	-20.467 569 00	3.00	23.66	13.63	6.08	5.21	5.51	7.21	6.58	A	86.9	12.03	0.0	+0.01
			B	16919	10.653	0.019	10.998	0.055	10.413	0.049		54.437 268 70	-20.467 388 10	5.11	36.90	22.86	11.17	11.22	9.24	13.17	14.93					
03378+4046	1	FND	D	A	16920	10.282	0.114					54.438 371 62	+40.763 703 34	4.60	1.95	5.59	10.17	2.59	2.06	2.12	1.78	A	267	0.22		
			B	16920	10.812	0.186						54.438 290 33	+40.763 699 80	4.60	1.95	5.59	23.86	9.22	2.06	2.12	1.78					
03378+4807	1	FCA	A	16915	9.627	0.008	9.771	0.041	9.319	0.041		54.429 211 51	+48.117 369 21	6.67	35.77	-19.58	3.51	2.22	3.02	3.74	2.58	A	55.4	1.35		
			B	16915	9.899	0.010	10.115	0.063	8.902	0.037		54.429 672 21	+48.117 581 61	6.67	35.77	-19.58	6.17	4.75	3.02	3.74	2.58					
03379-0231	1	FCC	A	16933	9.785	0.013	10.806	0.061	9.655	0.036		54.476 359 92	-2.511 706 45	23.01	114.73	21.50	2.28	1.71	2.42	2.90	2.90	A	72	3.04		
			B	16933	12.985	0.235	10.115	0.063	8.902	0.037		54.477 164 61	-2.511 451 00	23.01	114.73	21.50	79.48	55.06	2.42	2.90	2.90					
03379-1133	1	FCA	A	16931	10.088	0.011						54.472 538 47	-11.548 653 15	7.98	-6.45	-116.26	3.78	2.82	3.43	5.44	3.95	A	111	0.69		
			B	16931	10.747	0.019						54.472 720 98	-11.548 722 76	7.98	-6.45	-116.26	7.72	7.96	3.43	5.44	3.95					
03382-6058	1	FCC	A	16963	9.222	0.008	9.690	0.019	9.157	0.018		54.556 422 07	-60.965 727 45	8.01	13.29	5.34	1.14	1.18	1.16	1.18	1.29	A	11	4.53		
			B	16963	13.151	0.271	10.115	0.063	8.902	0.037		54.556 906 06	-60.964 491 95	8.01	13.29	5.34	63.42	69.42	1.16	1.18	1.29					
03388-0830	1	FCA	A	17012	7.486	0.007	8.764	0.016	7.437	0.010		54.709 016 38	-8.506 932 38	4.01	3.56	-24.58	1.34	1.10	1.32	1.78	1.43	A	197	2.43		
			B	17012	11.048	0.178	10.115	0.063	8.902	0.037		54.708 820 26	-8.507 579 74	4.01	3.56	-24.58	39.84	38.68	1.32	1.78	1.43					
03390-4546	1	FCA	A	17029	10.051	0.007						54.756 956 65	-45.774 385 86	17.17	-22.80	-34.54	1.58	1.77	1.71	1.62	2.08	A	359	0.63		
			B	17029	11.482	0.026						54.756 951 21	-45.774 210 78	17.17	-22.80	-34.54	8.50	6.91	1.71	1.62	2.08					
03392+1105	1	FCB	P	A	17040	10.721	0.049	9.100	0.016	8.833	0.017	54.795 212 81	+11.089 962 10	0.41	15.58	-4.69	9.15	5.82	3.03	3.23	2.61	A	43	0.28		
			B	17040	12.489	0.248	11.367	0.114	10.817	0.103		54.795 267 33	+11.090 019 73	0.41	15.58	-4.69	59.48	28.44	3.03	3.23	2.61					
03392+2757	1	FCA	A	17039	8.876	0.010	10.457	0.041	9.162	0.023		54.795 120 47	+27.956 515 77	3.59	-1.25	-12.23	2.19	1.30	2.10	2.31	1.90	A	313.6	10.03		
			B	17039	11.087	0.103	10.115	0.063	8.902	0.037		54.792 834 80	+27.958 437 19	3.59	-1.25	-12.23</										

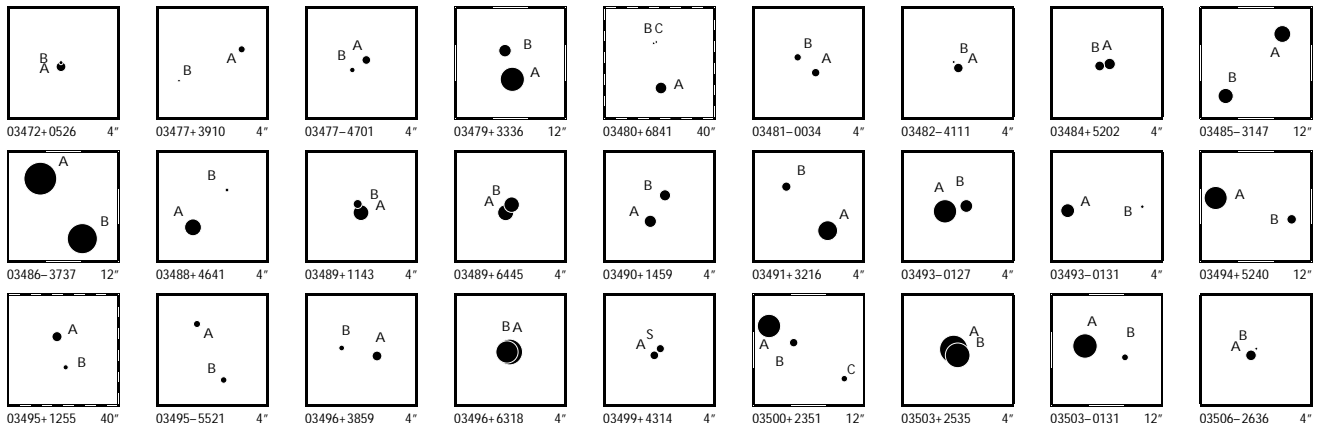
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03404+1144	1	F CA	A 17149 B 17149	9.852 0.010 11.436 0.041							55.090 551 46 +11.731 571 21 55.090 271 08 +11.731 624 64	7.55 7.55	46.21 40.97 46.21 40.97	2.58 1.46 2.40 2.93 1.96 12.73 10.04 2.40 2.93 1.96	A 281 1.01										
03404+2957	1	F CA	A 17151 B 17151	9.622 0.204 10.162 0.335							55.101 015 12 +29.956 132 72 55.101 048 19 +29.956 106 07	5.61 5.61	43.52 3.91 43.52 3.91	10.19 11.59 1.23 1.20 1.18 23.46 25.40 1.23 1.20 1.18	A 133 0.14										
03405+0508	1	IND D	A 17155 B 17158	6.771 0.013 9.562 0.120	8.310 0.010 10.256 0.033	6.754 0.006 9.633 0.031					55.116 824 06 +5.125 893 27 55.122 953 30 +5.129 920 20	3.34 0.98	7.62 -8.90 -58.59 11.95	2.08 1.44 1.78 2.24 1.79 33.73 23.80 20.59 28.90 23.24	A 56.59 26.33 -0.12 -0.04										
03405-4524	1	F CA	A 17160 B 17160	10.994 0.015 12.145 0.041							55.125 038 71 -45.396 004 02 55.125 116 77 -45.395 837 14	18.53 18.53	189.37 -333.36 189.37 -333.36	2.44 3.07 2.83 2.50 3.28 10.64 11.32 2.83 2.50 3.28	A 18 0.63										
03406+2846	1	F CA	A 17168 B 17168	7.458 0.006 7.923 0.009	7.524 0.008 8.005 0.014	7.395 0.013 7.800 0.014					55.161 481 59 +28.773 429 40 55.160 449 41 +28.771 710 73	6.50 6.50	20.58 -40.66 20.58 -40.66	2.34 1.27 1.87 2.48 1.81 4.91 2.70 1.87 2.48 1.81	A 207.76 6.992										
03407+4601	1	F CA	A 17173 B 17173	7.956 0.006 8.855 0.013	8.974 0.020 9.725 0.022	7.890 0.012 8.743 0.019					55.169 238 50 +46.023 360 08 55.169 136 61 +46.024 128 93	8.72 8.72	-0.18 6.07 -0.18 6.07	1.35 0.98 1.41 1.26 1.09 4.44 3.36 1.41 1.26 1.09	A 354.7 2.780										
03408+3907	1	I CA	A 17190 B 17188	7.917 0.017 9.872 0.084	8.067 0.010 10.012 0.028	7.847 0.011 9.392 0.026					55.208 965 41 +39.117 196 21 55.206 822 88 +39.122 442 47	5.49 -4.31	30.04 -21.11 18.42 -6.70	1.85 1.26 1.72 2.06 1.67 28.58 18.72 13.47 16.34 12.71	A 342.42 19.81 -0.02 +0.02										
03408+4151	1	F CA	A 17189 B 17189	8.305 0.004 11.509 0.066							55.207 698 35 +41.841 751 52 55.207 663 61 +41.841 901 49	6.70 6.70	-31.77 -15.91 -31.77 -15.91	1.19 0.95 1.27 1.15 0.99 26.21 15.46 1.27 1.15 0.99	A 350 0.55										
03410+5400	1	F CA	A 17200 B 17200	9.533 0.013 12.297 0.154							55.261 978 01 +54.001 129 40 55.262 032 97 +54.001 401 12	0.40 0.40	-0.49 -3.10 -0.49 -3.10	1.98 1.67 2.33 2.14 2.09 35.64 27.87 2.33 2.14 2.09	A 7 0.99										
03412+7524	1	L CA	A 17213 B 17213	10.094 0.007 10.632 0.012	11.099 0.051	9.790 0.026					55.306 241 05 +75.399 365 85 55.305 533 32 +75.399 102 36	21.50 21.50	94.08 -136.65 109.93 -138.47	1.81 2.06 2.04 1.62 2.03 4.57 6.14 2.04 3.57 4.96	A 214.1 1.15 -0.7 -0.01										
03413+4554	1	F CA	A 17217 B 17217	8.566 0.020 9.164 0.035							55.316 535 31 +45.895 829 49 55.316 392 35 +45.895 827 05	20.37 20.37	-49.74 4.39 -49.74 4.39	3.35 1.85 2.27 2.07 1.82 5.52 3.93 2.27 2.07 1.82	A 269 0.358										
03414+4630	1	F CA	A 17228 B 17228	10.923 0.015 11.053 0.017							55.347 369 95 +46.502 141 40 55.347 723 18 +46.502 018 81	2.61 2.61	5.83 -14.64 5.83 -14.64	4.17 3.23 4.10 3.63 3.25 10.56 7.87 4.10 3.63 3.25	A 117 0.98										
03416+3942	1	F CB	A 17251 B 17251	8.971 0.008 12.483 0.194	8.999 0.016	8.965 0.020					55.409 262 00 +39.699 691 14 55.409 334 89 +39.701 011 00	1.61 1.61	0.76 1.62 0.76 1.62	1.73 1.24 1.84 1.99 1.75 65.23 29.06 1.84 1.99 1.75	A 2 4.76										
03418+5318	1	F CA	A 17261 B 17261	9.803 0.013 10.847 0.032	10.195 0.032 11.187 0.079	9.652 0.031 10.741 0.088					55.457 612 42 +53.293 686 89 55.458 882 31 +53.294 469 27	0.53 0.53	0.12 0.27 0.12 0.27	2.65 2.23 3.22 2.69 2.70 11.95 8.83 3.22 2.69 2.70	A 44.1 3.92										
03418+6241	1	F CB D	A 17257 B 17257	7.825 0.059 7.946 0.066							55.450 659 42 +62.648 446 51 55.450 759 51 +62.648 455 38	0.79 0.79	1.53 -4.65 1.53 -4.65	5.71 4.22 1.35 0.97 1.25 5.19 3.26 1.35 0.97 1.25	A 79 0.169										
03418-4814	1	F CA	A 17260 B 17260	7.775 0.005 10.085 0.039	8.167 0.008	7.679 0.011					55.455 919 29 -48.238 983 27 55.455 870 15 -48.239 435 96	10.37 10.37	-14.10 -79.53 -14.10 -79.53	0.89 0.81 0.88 0.87 0.81 8.16 8.06 0.88 0.87 0.81	A 184.1 1.63										
03420+0324	1	F CB	A 17277 B 17277	11.770 0.042 12.910 0.120							55.497 856 78 +3.393 508 71 55.497 435 57 +3.394 082 68	9.80 9.80	23.01 -11.45 23.01 -11.45	6.09 4.13 5.81 7.83 7.03 44.21 20.00 5.81 7.83 7.03	A 324 2.56										
03420+1812	1	F CA	A 17282 B 17282	10.658 0.018 11.779 0.050							55.507 863 70 +18.205 714 67 55.507 700 44 +18.205 703 16	3.92 3.92	-4.24 -2.13 -4.24 -2.13	4.95 2.19 4.25 4.80 2.85 17.44 9.52 4.25 4.80 2.85	A 266 0.56										
03420-1508	1	F CB	A 17275 B 17275	11.397 0.025 13.209 0.129							55.494 624 46 -15.133 325 04 55.494 737 27 -15.132 855 91	17.58 17.58	119.42 176.03 119.42 176.03	4.36 3.43 4.27 5.34 4.85 34.15 27.48 4.27 5.34 4.85	A 13 1.73										
03421+1657	1	F CA	A 17291 B 17291	9.115 0.011 12.609 0.265	10.590 0.043	9.076 0.021					55.526 885 75 +16.956 025 88 55.526 273 35 +16.956 230 44	0.39 0.39	9.41 1.01 9.41 1.01	2.13 1.44 2.05 2.40 2.04 51.55 31.59 2.05 2.40 2.04	A 289 2.23										
03421-1709	1	F CB	A 17288 B 17288	7.930 0.005 10.322 0.042	8.352 0.013	7.841 0.012					55.517 140 92 -17.145 866 81 55.516 796 77 -17.145 675 32	10.92 10.92	35.65 -19.97 35.65 -19.97	1.45 1.20 1.47 1.48 1.94 21.68 9.31 1.47 1.48 1.94	A 300 1.37										
03422-1558	1	F ND D	A 17303 B 17303	8.095 0.009 11.517 0.198	9.450 0.020	8.060 0.012					55.557 213 77 -15.963 238 50 55.557 414 71 -15.962 837 15	0.77 0.77	54.64 -14.76 54.64 -14.76	1.27 1.25 1.39 1.30 1.58 38.62 34.93 1.39 1.30 1.58	A 26 1.60										
03423+3716	1	F CB	A 17308 B 17308	9.978 0.009 10.314 0.012	10.375 0.042 11.594 0.125	9.878 0.044 10.137 0.054					55.575 972 77 +37.267 381 02 55.577 075 00 +37.269 075 68	-2.58 -2.58	4.91 -7.60 4.91 -7.60	3.45 2.08 3.48 4.52 2.97 7.01 4.25 3.48 4.52 2.97	A 27.4 6.87										
03424-8001	1	IND D	A 17319 B 17321	8.360 0.044 10.117 0.193	9.101 0.017 10.263 0.035	8.290 0.014 9.738 0.032					55.610 739 57 -80.020 164 43 55.618 869 09 -80.025 301 75	2.32 -3.52	-0.03 0.14 59.79 -69.75	2.88 3.00 2.32 2.79 3.41 37.94 43.63 21.56 26.01 33.32	A 164.7 19.18 -0.1 +0.08										
03425-8516	1	F CA	A 17328 B 17328	6.635 0.002 8.201 0.010	6.521 0.010	6.557 0.011					55.636 207 79 -85.262 022 84 55.630 186 90 -85.262 196 82	6.78 6.78	20.99 24.32 20.99 24.32	0.64 0.71 0.68 0.66 0.86 2.91 3.77 0.68 0.66 0.86	A 250.7 1.897										
03426+0838	1	F CA	A 17337 B 17337	7.221 0.004 9.820 0.047							55.655 299 79 +8.634 673 78 55.655 199 68 +8.634 615 90	7.07 7.07	-29.76 -28.75 -29.76 -28.75	1.69 0.97 1.11 1.42 1.03 22.23 11.15 1.11 1.42 1.03	A 240 0.41										
03428+0754	1	F CA	A 17348 B 17348	7.896 0.006 10.434 0.055	8.038 0.010	7.768 0.011					55.691 223 65 +7.902 996 20 55.691 551 78 +7.902 748 88	8.62 8.62	32.79 -18.25 32.79 -18.25	1.67 0.92 1.47 2.70 1.48 20.19 9.27 1.47 2.70 1.48	A 127 1.47										



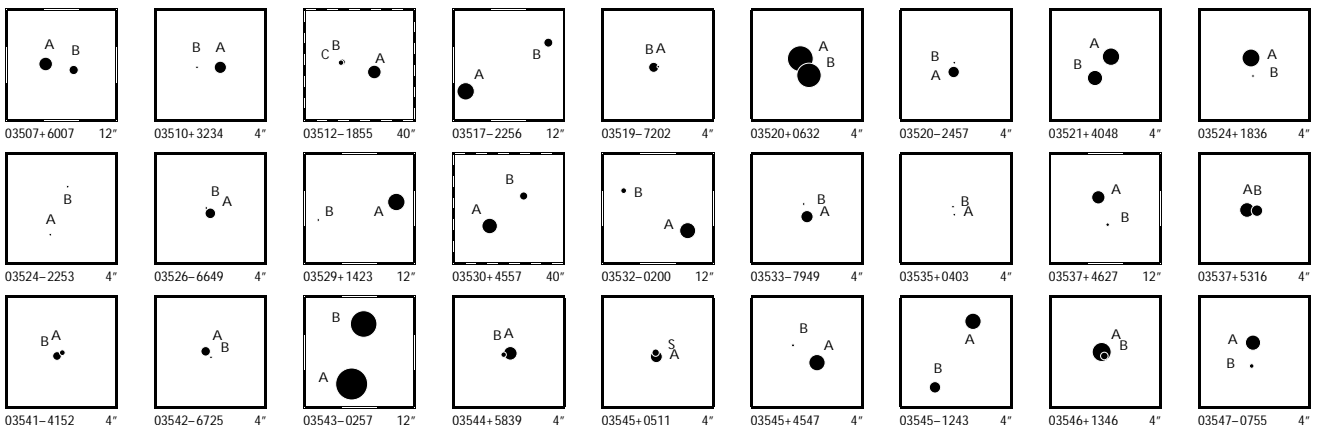
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03428+6951	1	F CA	G	A 17347 B 17347 C 17347	7.783 0.018 8.037 0.024 9.647 0.097	7.995 0.006	7.717 0.007	55.688 214 04 +69.845 719 89 55.690 457 04 +69.845 963 75 55.690 786 66 +69.845 917 08	3.71 3.71 3.71	13.86 -28.36 13.86 -28.36 13.86 -28.36	3.15 2.97 3.70 3.30 3.97 5.98 5.84 3.70 3.30 3.97 13.22 10.39 3.70 3.30 3.97	A 72.5 2.92 B 112 0.44														
03429+4748	1	F CA		A 17358 C 17358	3.029 0.004 6.171 0.073			55.731 175 40 +47.787 653 30 55.731 085 26 +47.787 584 46	6.18 6.18	23.83 -41.93 23.83 -41.93	1.45 1.00 0.85 0.68 0.71 30.47 18.16 0.85 0.68 0.71	A 221 0.33														
03436-4710	1	F CA		A 17397 B 17397	9.826 0.011 12.277 0.099	10.168 0.025	9.704 0.025	55.908 510 16 -47.169 005 03 55.908 536 17 -47.170 745 68	5.12 5.12	18.38 22.51 18.38 22.51	1.89 1.82 1.95 2.02 1.92 23.59 34.57 1.95 2.02 1.92	A 179.4 6.27														
03439+6025	1	F CA		A 17418 B 17418	10.731 0.018 12.701 0.110			55.978 854 59 +60.410 838 11 55.978 957 79 +60.411 115 28	18.30 18.30	146.24 -190.49 146.24 -190.49	2.76 2.52 3.41 3.19 3.33 22.84 22.58 3.41 3.19 3.33	A 10 1.01														
03439-0417	1	F CB		A 17416 B 17416	9.089 0.015 12.189 0.251	9.137 0.017	9.018 0.021	55.977 869 67 -4.279 538 14 55.978 573 64 -4.279 104 63	5.38 5.38	5.13 8.37 5.13 8.37	2.33 2.02 2.74 3.40 3.37 58.99 43.91 2.74 3.40 3.37	A 58 2.97														
03440+5228	1	F CA		A 17427 B 17427	10.066 0.052 10.383 0.070			56.002 229 36 +52.468 826 58 56.002 354 05 +52.468 861 60	4.22 4.22	-1.10 -21.22 -1.10 -21.22	5.83 3.16 2.05 1.89 2.00 8.05 5.05 2.05 1.89 2.00	A 65 0.30														
03441-4040	1	F CA		A 17436 B 17436	6.681 0.003 9.642 0.040	7.885 0.008	6.621 0.005	56.026 500 52 -40.660 086 03 56.026 536 81 -40.658 710 40	10.77 10.77	25.07 -83.56 25.07 -83.56	0.58 0.62 0.70 0.66 0.71 11.30 9.79 0.70 0.66 0.71	A 349.5 5.04														
03443+3217	1	F CA	W	A 17448 B 17448	3.931 0.005 6.836 0.057	3.875 0.003	3.857 0.003	56.079 693 47 +32.288 273 25 56.079 837 81 +32.288 528 73	2.21 2.21	8.11 -10.32 8.11 -10.32	0.82 0.59 0.84 0.83 0.78 14.84 8.11 0.84 0.83 0.78	A 26 1.02														
03446+3210	1	F NB	G	A 17465 B 17465 C 17468	9.281 0.033 9.528 0.034 10.295 0.111			56.142 440 38 +32.162 831 81 56.142 492 96 +32.162 996 69 56.147 311 43 +32.167 961 30	4.52 4.52 4.52	1.12 -9.43 1.12 -9.43 1.12 -9.43	3.52 2.15 3.30 3.46 3.91 6.41 3.19 3.30 3.46 3.91 25.53 14.48 3.30 3.46 3.91	A 15 0.615 A 38.8 23.69														
03446+3551	1	F CA		A 17467 B 17467	9.102 0.006 9.248 0.007			56.146 264 12 +35.855 763 43 56.146 174 48 +35.855 446 81	1.03 1.03	6.71 -13.96 6.71 -13.96	3.28 2.27 3.04 3.10 2.62 5.76 6.85 3.04 3.10 2.62	A 192.9 1.17														
03446-5416	1	F CA		A 17464 B 17464	6.521 0.003 9.582 0.047	7.716 0.006	6.462 0.005	56.141 102 76 -54.274 186 13 56.141 790 46 -54.272 851 82	12.81 12.81	25.49 65.50 25.49 65.50	0.58 0.55 0.57 0.62 0.62 8.67 9.64 0.57 0.62 0.62	A 16.7 5.02														
03447-5314	1	F CA		A 17477 A 17477	10.449 0.018 10.557 0.020			56.175 624 55 -53.233 131 34 56.175 448 14 -53.233 114 24	2.89 2.89	19.02 -3.47 19.02 -3.47	3.64 4.34 2.16 2.50 2.42 3.54 3.88 2.16 2.50 2.42	B 279 0.385														
03450+0819	1	F CA		A 17512 B 17512	9.475 0.012 10.873 0.043	9.837 0.031	9.378 0.030	56.245 474 71 +8.319 632 68 56.245 855 48 +8.320 665 48	8.90 8.90	30.87 -26.02 30.87 -26.02	2.53 1.64 2.55 3.40 2.93 12.51 8.57 2.55 3.40 2.93	A 20.0 3.96														
03450-5119	1	F CA		A 17516 B 17516	9.688 0.015 11.631 0.083	10.282 0.024	9.564 0.021	56.258 583 69 -51.316 711 22 56.255 254 34 -51.313 563 00	6.44 6.44	52.46 21.72 52.46 21.72	1.58 1.52 1.57 1.68 1.62 17.29 12.82 1.57 1.68 1.62	A 326.5 13.59														
03454+4952	1	F CA		A 17541 B 17541	8.752 0.006 8.958 0.008			56.344 191 50 +49.861 782 12 56.344 000 85 +49.861 490 22	2.51 2.51	19.56 -23.11 19.56 -23.11	2.90 2.16 2.88 3.03 2.62 8.40 5.29 2.88 3.03 2.62	A 202.8 1.14														
03454-2752	1	L CA		A 17544 B 17544	8.396 0.005 11.450 0.075			56.349 671 57 -27.862 820 03 56.349 795 61 -27.863 063 54	45.95 45.95	320.90 140.23 260.71 117.45	0.93 1.01 1.41 0.80 0.93 19.76 21.54 1.41 11.05 12.81	A 156 0.96 +4 0.00														
03457+3226	1	F ND	D	A 17561 B 17561	9.323 0.009 13.199 0.300	9.990 0.044	9.244 0.037	56.413 153 32 +32.440 057 58 56.412 552 96 +32.440 376 88	4.10 4.10	5.39 -8.11 5.39 -8.11	2.06 1.18 2.12 2.08 1.86 100.83 58.48 2.12 2.08 1.86	A 302 2.16														
03458+2309	1	F CA		A 17572 B 17572	6.916 0.004 10.461 0.090	6.923 0.006	6.894 0.006	56.453 341 90 +23.147 256 91 56.452 887 48 +23.148 163 29	9.68 9.68	21.06 -44.49 21.06 -44.49	1.02 0.69 1.03 1.09 0.79 23.32 20.65 1.03 1.09 0.79	A 335.3 3.59														
03460+7302	1	F CA		A 17580 B 17580	8.810 0.005 9.867 0.013			56.489 549 31 +33.034 867 73 56.489 643 66 +33.035 091 81	11.50 11.50	-50.32 38.39 -50.32 38.39	1.00 1.34 1.55 1.22 1.64 3.85 3.95 1.55 1.22 1.64	A 7.0 0.813														
03462+7137	1	F CB		A 17602 B 17602	7.137 0.004 10.794 0.117	8.192 0.007	7.072 0.005	56.557 856 49 +71.618 107 04 56.548 772 83 +71.616 150 78	6.68 6.68	-5.37 8.17 -5.37 8.17	0.55 0.65 0.80 0.50 0.69 25.61 28.45 0.80 0.50 0.69	A 235.7 12.49														
03462-2423	1	F CA		A 17600 B 17600	9.365 0.027 9.717 0.037			56.554 816 45 -24.391 030 73 56.554 829 41 -24.390 943 63	6.81 6.81	27.83 22.94 27.83 22.94	2.11 3.33 1.72 1.10 1.55 4.39 4.90 1.72 1.10 1.55	A 8 0.316														
03463-4754	1	F ND	D	A 17606 B 17606	8.217 0.006 12.403 0.281	8.678 0.009	8.136 0.009	56.576 388 43 -47.894 324 92 56.579 418 17 -47.893 764 60	6.48 6.48	51.56 1.04 51.56 1.04	1.03 1.08 1.11 0.95 1.05 64.84 68.70 1.11 0.95 1.05	A 75 7.59														
03463-6630	1	F CA		A 17604 B 17604	8.400 0.028 8.617 0.034			56.565 134 10 -66.504 059 84 56.565 182 07 -66.504 000 10	4.94 4.94	-15.27 -25.37 -15.27 -25.37	2.70 3.53 0.68 0.67 0.87 2.44 3.77 0.68 0.67 0.87	A 18 0.226														
03464-0810	1	F CA		A 17612 B 17612	8.644 0.008 10.473 0.040	8.978 0.016	8.556 0.016	56.596 385 57 -8.168 432 73 56.595 921 27 -8.166 405 65	0.88 0.88	20.01 -2.18 20.01 -2.18	1.61 1.37 1.83 2.00 2.00 10.91 8.33 1.83 2.00 2.00	A 347.2 7.48														
03468+3048	1	F NB	G	A 17646 B 17646 C 17642	10.580 0.027 10.972 0.026 12.255 0.137	10.299 0.035	9.818 0.041	56.708 530 32 +30.809 299 86 56.708 774 89 +30.808 745 02 56.703 880 84 +30.808 324 81	2.03 2.03 2.03	-5.06 -8.12 -5.06 -8.12 -5.06 -8.12	3.70 2.23 3.15 4.04 2.74 8.17 5.49 3.15 4.04 2.74 34.50 21.88 3.15 4.04 2.74	A 159.3 2.14 A 256.3 14.80														
03470+0840	1	F NC		A 17668 B 17668	11.010 0.049 12.744 0.224	11.424 0.097	10.867 0.098	56.757 377 74 +8.664 811 49 56.760 199 92 +8.667 703 77	8.85 8.85	5.53 -26.30 5.53 -26.30	4.09 2.45 4.18 5.27 3.50 70.42 43.32 4.18 5.27 3.50	A 44.0 14.47														
03470+4126	1	L CA	W	A 17666 B 17666	8.245 0.008 8.945 0.014			56.756 873 79 +41.430 278 41 56.759 068 43 +41.431 466 59	40.83 40.83	598.96 -1239.94 583.17 -1254.96	2.33 1.72 2.24 2.40 2.20 5.97 3.81 2.24 5.08 3.89	A 54.17 7.307 +0.02 -0.022														



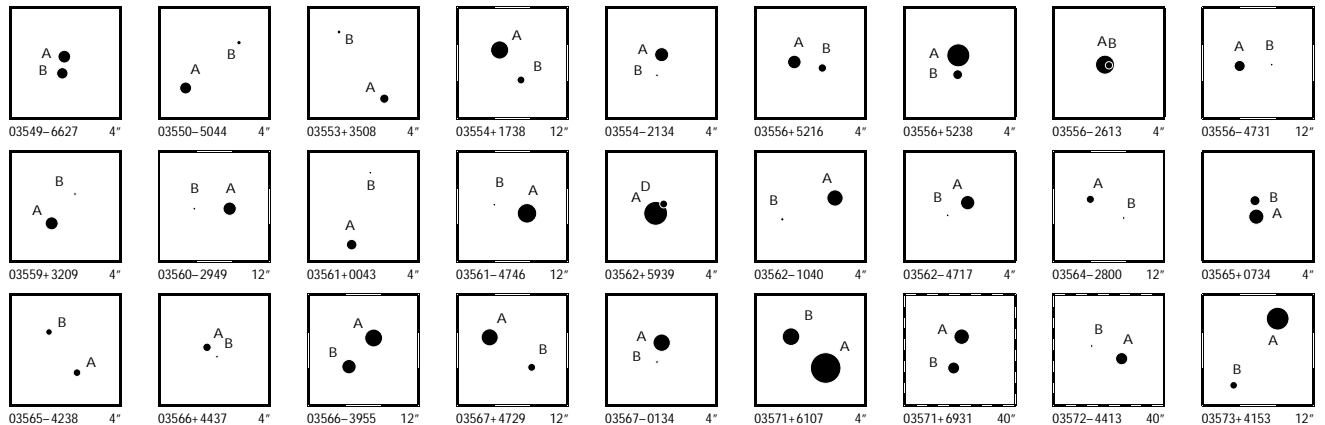
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
03472+0526	1	F	FCB	A 17677 B 17677	9.820 0.332 11.117 1.095				56.806 309 27 56.806 307 66	+ 5.439 968 39 + 5.440 008 44	5.28 5.28	23.52 23.52	-18.89 -18.89	8.12 25.66 1.52 1.35 1.21 25.70 62.13 1.52 1.35 1.21	A 358	0.14												
03477+3910	1	F	FCB	A 17719 B 17719	10.445 0.021 12.742 0.168	11.772 0.122	10.370 0.054		56.920 058 45 56.920 894 76	+ 39.160 386 43 + 39.160 073 75	26.39 26.39	247.00 247.00	-90.07 -90.07	4.62 3.29 4.78 5.69 4.61 84.03 36.11 4.78 5.69 4.61	A 116	2.59												
03477-4701	1	F	FCA	A 17724 B 17724	10.058 0.007 10.801 0.014				56.929 426 57 56.929 640 06	-47.014 096 68 -47.014 197 78	4.96 4.96	1.56 1.56	3.37 3.37	1.93 1.93 1.95 2.08 2.00 4.67 4.97 1.95 2.08 2.00	A 125	0.638												
03479+3336	1	F	FCA	P	A 17735 B 17735	6.683 0.003 9.266 0.033	6.680 0.005 9.574 0.048	6.655 0.005 9.357 0.062		56.969 427 82 56.969 684 69	+ 33.599 882 71 + 33.600 788 13	2.63 2.63	4.41 4.41	-4.45 -4.45	0.95 0.68 1.00 1.04 0.85 10.35 6.26 1.00 1.04 0.85	A 13.3	3.35											
03480+6841	1	L	LND	X	A 17749 B 17750 C 17750	9.408 0.037 11.580 0.167 12.080 0.273	10.907 0.027 11.796 0.074	9.425 0.013 10.427 0.035		57.003 477 01 57.005 588 59 57.004 847 91	+ 68.672 287 07 + 68.676 889 18 + 68.676 915 23	57.53 57.53 57.53	126.40 61.30 100.65	239.69 464.88 44.87	1.48 2.22 2.68 1.47 2.42 28.04 37.63 2.68 14.92 25.17 45.54 60.37 2.68 24.38 41.49	A 9.5 B 276	16.80 0.97	-0.3 -24	+0.21 -0.08									
03481-0034	1	F	FCA	A	17757 B 17757	10.133 0.009 10.356 0.011			57.018 485 93 57.018 673 74	-0.561 791 40 -0.561 628 06	-2.54 -2.54	-2.84 -2.84	10.88 10.88	3.48 2.55 3.81 4.46 4.03 7.28 4.05 3.81 4.46 4.03	A 49.0	0.90												
03482-4111	1	F	FCA	A	17765 B 17765	9.906 0.025 11.328 0.094			57.047 742 61 57.047 811 95	-41.177 954 94 -41.177 886 45	5.43 5.43	-22.19 -22.19	8.70 8.70	3.22 3.55 1.47 1.32 1.53 12.13 11.54 1.47 1.32 1.53	A 37	0.31												
03484+5202	1	F	FCA	A	17782 B 17782	9.505 0.028 9.827 0.037			57.095 601 46 57.095 761 73	+ 52.038 025 30 + 52.038 005 23	19.75 19.75	59.87 59.87	-72.61 -72.61	4.48 2.88 2.97 3.34 2.81 7.01 5.67 2.97 3.34 2.81	A 102	0.36												
03485-3147	1	F	FCA	A	17793 B 17793	8.308 0.006 8.612 0.008	8.464 0.017 8.885 0.021	8.256 0.019 8.648 0.024		57.134 293 54 57.136 338 25	-31.778 747 54 -31.780 660 62	5.49 5.49	-4.86 -4.86	-1.36 -1.36	1.71 1.51 1.94 1.54 1.40 3.27 4.25 1.94 1.54 1.40	A 137.74	9.305											
03486-3737	1	L	LCA	A	17797 B 17797	4.765 0.004 5.361 0.007	4.724 0.003 5.346 0.003	4.745 0.003 5.321 0.004		57.149 262 23 57.147 630 51	-37.620 128 78 -37.621 983 05	20.23 20.23	75.83 64.55	-10.69 -10.93	0.76 0.80 0.83 0.76 0.84 2.41 2.43 0.83 1.37 1.48	A 214.88	8.137	+0.06	+0.007									
03488+4641	1	F	FCA	A	17818 B 17818	8.254 0.005 11.154 0.060	8.319 0.010	8.198 0.012		57.190 090 55 57.189 588 16	+ 46.684 043 26 + 46.684 422 95	0.37 0.37	0.19 0.19	-4.16 -4.16	1.11 0.97 1.30 1.35 1.27 13.88 10.51 1.30 1.35 1.27	A 317.8	1.85											
03489+1143	1	F	FCA	A	17826 B 17826	8.544 0.010 10.003 0.037			57.214 883 70 57.214 921 19	+ 11.708 812 90 + 11.708 900 10	6.97 6.97	-12.69 -12.69	-6.29 -6.29	2.61 1.83 1.58 1.81 1.44 11.21 5.86 1.58 1.81 1.44	A 23	0.34												
03489+6445	1	F	FCA	A	17831 B 17831	8.471 0.011 8.567 0.012			57.235 497 02 57.235 356 83	+ 64.748 484 02 + 64.748 563 55	8.30 8.30	19.72 19.72	-54.93 -54.93	1.62 1.96 1.64 1.24 1.49 2.34 2.88 1.64 1.24 1.49	A 323	0.358												
03490+1459	1	F	FCA	A	17836 B 17836	9.301 0.007 9.522 0.009			57.241 981 03 57.241 826 59	+ 14.975 706 40 + 14.975 976 85	0.56 0.56	8.60 8.60	-27.04 -27.04	3.58 1.97 3.63 4.54 4.40 6.06 3.24 3.63 4.54 4.40	A 331.1	1.11												
03491+3216	1	F	FCA	A	17845 B 17845	7.626 0.004 9.945 0.032	7.742 0.007 9.904 0.069	7.594 0.007 9.389 0.063		57.280 389 51 57.280 891 69	+ 32.264 291 58 + 32.264 746 23	3.09 3.09	8.02 8.02	-9.16 -9.16	1.13 0.76 1.21 1.20 0.97 10.75 6.75 1.21 1.20 0.97	A 43.0	2.24											
03493-0127	1	F	FCA	A	17856 B 17856	6.840 0.003 9.179 0.024			57.329 384 56 57.329 165 73	-1.453 159 56 -1.453 099 61	8.84 8.84	92.92 92.92	-39.77 -39.77	1.07 0.83 1.29 1.45 1.63 10.52 9.86 1.29 1.45 1.63	A 285	0.82												
03493-0131	1	F	FCB	A	17855 B 17855	8.916 0.013 11.232 0.106	9.996 0.029	8.833 0.018		57.318 388 38 57.317 625 36	-1.508 699 30 -1.508 656 35	2.48 2.48	0.02 0.02	-9.89 -9.89	2.59 1.84 2.98 3.11 3.66 33.88 25.31 2.98 3.11 3.66	A 273	2.75											
03494+5240	1	F	FCA	A	17877 B 17877	6.895 0.004 9.897 0.059	7.207 0.008	6.854 0.009		57.364 879 11 57.361 023 59	+ 52.655 407 83 + 52.654 751 74	0.33 0.33	-1.91 -1.91	-4.32 -4.32	0.98 0.73 1.12 1.16 1.01 12.44 9.77 1.12 1.16 1.01	A 254.3	8.74											
03495+1255	1	I	ICA	A	17878 B 17876	9.783 0.034 10.872 0.054	10.464 0.043 11.496 0.100	9.756 0.037 10.643 0.078		57.365 792 57 57.364 853 54	+ 12.912 073 93 + 12.908 843 39	11.30 0.03	-34.22 -39.25	42.34 50.04	5.88 2.74 4.77 5.76 3.99 23.42 11.35 14.37 17.93 12.43	A 195.8	12.09	0.0	-0.01									
03495-5521	1	F	FCA	A	17885 B 17885	10.444 0.009 10.570 0.010	10.267 0.038 10.371 0.049	9.771 0.036 9.864 0.049		57.385 268 58 57.384 786 87	-55.348 607 42 -55.349 188 65	1.59 1.59	9.37 9.37	22.95 22.95	2.03 1.97 1.98 2.08 1.91 3.97 4.06 1.98 2.08 1.91	A 205.2	2.313											
03496+3859	1	F	FCB	A	17890 B 17890	9.825 0.022 10.710 0.039	9.985 0.024	9.489 0.024		57.401 379 68 57.401 841 95	+ 38.982 115 02 + 38.982 202 51	8.33 8.33	12.48 12.48	-18.41 -18.41	3.73 2.12 3.49 4.57 3.20 9.61 6.11 3.49 4.57 3.20	A 76.3	1.33											
03496+6318	1	L	LCA	A	17891 B 17891	6.309 0.099 7.107 0.207			57.402 568 00 57.402 630 74	+ 63.297 102 86 + 63.297 107 56	14.11 14.11	-21.96 -9.14	-46.56 -77.69	5.33 4.10 0.64 1.62 2.24 8.79 8.42 0.64 3.44 4.77	A 81	0.103	+18	+0.008										
03499+4314	1	F	FCA	A	17918 S 17918	10.074 0.026 10.222 0.030			57.472 301 42 57.472 216 92	+ 43.225 794 64 + 43.225 858 84	5.40 5.40	46.35 46.35	1.07 1.07	4.47 3.83 2.06 1.80 1.62 4.42 3.75 2.06 1.80 1.62	A 316	0.320												
03500+2351	1	F	FNC	G	A 17923 B 17923 C 17923	6.842 0.010 10.150 0.168 10.543 0.260	6.836 0.005	6.805 0.008		57.491 846 38 57.491 027 57 57.489 310 24	+ 23.848 803 39 + 23.848 286 74 + 23.847 197 91	6.30 6.30 6.30	18.74 18.74 18.74	-44.35 -44.35 -44.35	1.38 1.01 1.46 1.53 1.49 33.19 23.82 1.46 1.53 1.49 51.47 34.35 1.46 1.53 1.49	A 235.4 A 235.3	3.28 10.16											
03503+2535	1	L	LCA	A	17954 B 17954	5.733 0.010 6.524 0.020			57.578 826 29 57.578 781 31	+ 25.579 668 94 + 25.579 606 52	16.96 16.96	30.23 49.10	-130.88 -91.17	2.91 1.63 0.82 3.12 1.68 7.35 3.33 0.82 7.31 3.80	A 213	0.268	+1	-0.044										
03503-0131	1	F	FCC	A	17950 B 17950	6.600 0.003 10.510 0.113	6.987 0.005	6.538 0.006		57.567 101 21 57.565 888 27	-1.522 635 03 -1.522 982 45	22.22 22.22	102.33 102.33	25.09 25.09	0.88 0.67 0.97 0.97 0.95 37.17 29.33 0.97 0.97 0.95	A 254.0	4.54											
03506-2636	1	F	FCA	A	17979 B 17979	9.657 0.046 11.335 0.217			57.648 385 61 57.648 328 70	-26.600 568 74 -26.600 504 02	3.79 3.79	30.35 30.35	46.22 46.22	6.48 7.46 2.01 1.26 1.54 22.14 26.37 2.01 1.26 1.54	A 322	0.30												



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03507+6007	1	FCA	A 17986 B 17986	9.000 0.006 9.959 0.013	8.980 0.015 9.826 0.024	8.836 0.017 9.547 0.037		57.663 398 33 57.661 705 23	+60.122 995 71 +60.122 817 69	2.25 2.25	-3.01 -3.01	0.22 0.22	1.54 1.46 1.88 1.92 2.33 5.35 5.23 1.88 1.92 2.33	A 258.1 B 3.10												
03510+3234	1	FCA	A 18014 B 18014	9.311 0.006 11.788 0.050				57.756 011 05 57.756 299 31	+32.558 435 85 +32.558 431 93	5.64 5.64	8.00 8.00	-18.12 -18.12	1.59 1.00 1.68 1.93 1.31 16.59 11.18 1.68 1.93 1.31	A 91 B 0.87												
03512-1855	1	FCA	G A 18029 B 18031 C 18031	9.017 0.031 10.683 0.096 10.804 0.118	9.049 0.020	8.940 0.024		57.800 367 58 57.803 869 50 57.803 962 38	-18.910 606 99 -18.909 524 63 -18.909 607 25	1.73 1.73 1.73	5.70 5.70 5.70	-1.33 -1.33 -1.33	4.89 4.14 5.00 4.76 5.17 27.64 25.57 5.00 4.76 5.17 33.74 29.61 5.00 4.76 5.17	A 71.9 B 12.55 C 0.43												
03517-2256	1	FCA	A 18068 B 18068	8.159 0.005 10.019 0.026	9.252 0.013 10.539 0.042	8.078 0.009 9.822 0.034		57.927 424 85 57.924 661 28	-22.931 519 67 -22.930 023 28	4.36 4.36	10.00 10.00	-25.87 -25.87	1.01 1.25 1.67 1.06 1.36 5.47 8.54 1.67 1.06 1.36	A 300.45 B 10.63												
03519-7202	1	FND	D B 18084 A 18084	9.772 0.217 12.412 2.467				57.980 641 61 57.980 518 45	-72.027 137 60 -72.027 134 88	5.96 5.96	-2.74 -2.74	-21.18 -21.18	9.54 5.27 1.02 0.97 1.09 210.15 60.18 1.02 0.97 1.09	B 274 A 0.14												
03520+0632	1	LCA	A 18089 B 18089	6.272 0.005 6.622 0.007				58.000 935 29 58.000 844 11	+6.534 914 24 +6.534 740 90	4.63 4.63	7.60 7.49	-2.80 -7.46	2.18 1.31 1.49 1.69 1.27 2.29 1.64 1.49 2.18 1.44	A 207.6 B 0.704 -0.2 +0.004												
03520-2457	1	FCA	A 18093 B 18093	9.508 0.028 11.558 0.185				58.010 888 67 58.010 889 51	-24.957 613 48 -24.957 510 46	11.78 11.78	100.26 100.26	-29.10 -29.10	2.85 6.04 2.43 1.55 2.21 23.05 23.43 2.43 1.55 2.21	A 0 B 0.37												
03521+4048	1	FCA	A 18095 B 18095	8.185 0.005 8.624 0.007				58.019 497 47 58.019 708 61	+40.797 520 37 +40.797 300 76	4.73 4.73	-5.96 -5.96	-10.46 -10.46	1.51 1.09 1.52 1.71 1.40 3.40 1.77 1.52 1.71 1.40	A 144.0 B 0.978												
03524+1836	1	FCC	A 18116 B 18116	8.025 0.004 12.034 0.159				58.096 252 79 58.096 228 83	+18.597 802 03 +18.597 616 05	5.49 5.49	-23.11 -23.11	-31.45 -31.45	1.46 0.93 1.40 1.44 1.25 65.66 36.95 1.40 1.44 1.25	A 187 B 0.67												
03524-2253	1	FND	D A 18115 B 18115	12.221 0.035 12.305 0.038				58.095 379 18 58.095 181 96	-22.882 970 82 -22.882 486 45	42.09 42.09	438.11 438.11	197.40 197.40	3.66 4.92 6.17 3.39 4.80 11.99 12.28 6.17 3.39 4.80	A 339.4 B 1.86												
03526-6649	1	FND	D A 18131 B 18131	9.642 0.045 12.937 0.937				58.153 828 82 58.153 940 99	-66.824 058 34 -66.824 014 47	5.33 5.33	34.99 34.99	47.02 47.02	2.39 2.39 1.13 1.25 1.30 106.68 106.47 1.13 1.25 1.30	A 45 B 0.22												
03529+1423	1	FCC	D A 18158 B 18158	8.135 0.005 11.593 0.119	9.355 0.019 12.046 0.346	8.089 0.012 11.176 0.214		58.231 244 48 58.233 729 76	+14.382 616 87 +14.382 050 00	8.58 8.58	2.72 2.72	3.51 3.51	1.77 0.86 1.71 1.85 1.26 38.54 26.56 1.71 1.85 1.26	A 103.2 B 8.90												
03530+4557	1	FND	D A 18166 B 18166	8.583 0.021 10.199 0.080	8.623 0.013 10.169 0.036	8.502 0.015 9.947 0.046		58.259 567 90 58.254 604 84	+45.956 875 69 +45.959 979 36	-0.40 -0.40	-5.22 -5.22	-1.49 -1.49	1.76 1.40 1.99 2.07 1.73 19.50 15.74 1.99 2.07 1.73	A 312.0 B 16.71												
03532-0200	1	FCA	A 18171 B 18171	8.445 0.005 10.739 0.041	8.786 0.012 11.274 0.097	8.387 0.013 10.301 0.063		58.298 507 98 58.300 493 19	-1.997 815 53 -1.996 603 06	7.39 7.39	-8.08 -8.08	-11.87 -11.87	1.29 1.05 1.48 1.46 1.48 12.21 11.42 1.48 1.46 1.48	A 58.6 B 8.37												
03533-7949	1	FCC	A 18179 B 18179	9.272 0.030 12.074 0.371				58.333 260 59 58.333 429 99	-79.809 785 58 -79.809 654 84	7.62 7.62	4.06 4.06	0.33 0.33	3.62 7.49 2.80 3.20 3.93 45.10 49.29 2.80 3.20 3.93	A 13 B 0.48												
03535+0403	1	FCA	A 18197 B 18197	11.595 0.058 11.715 0.065				58.386 163 55 58.386 178 81	+4.050 792 34 +4.050 865 81	2.93 2.93	-2.75 -2.75	-3.62 -3.62	9.78 7.79 5.36 4.68 4.67 18.76 10.94 5.36 4.68 4.67	A 12 B 0.27												
03537+4627	1	FCA	A 18219 B 18219	9.063 0.005 11.203 0.036	9.260 0.023 10.458 0.063	8.922 0.024 10.020 0.081		58.435 841 19 58.435 433 96	+46.450 561 52 +46.449 711 43	-1.04 -1.04	-2.64 -2.64	0.38 0.38	1.59 1.23 1.86 1.60 1.44 11.68 8.36 1.86 1.60 1.44	A 198.3 B 3.22												
03537+5316	1	FCA	A 18218 B 18218	8.765 0.012 9.495 0.024				58.432 005 41 58.431 835 35	+53.273 202 09 +53.273 199 60	15.76 15.76	-44.19 -44.19	-70.69 -70.69	2.66 1.98 1.95 2.19 1.92 5.82 5.15 1.95 2.19 1.92	A 269 B 0.366												
03541-4152	1	FCA	A 18247 B 18247	10.053 0.051 10.722 0.094				58.533 181 91 58.533 107 72	-41.872 693 54 -41.872 659 92	4.21 4.21	29.44 29.44	24.63 24.63	4.95 4.52 1.32 1.24 1.58 9.31 10.00 1.32 1.24 1.58	B 301 A 0.23												
03542-6725	1	FCC	A 18249 B 18249	9.889 0.046 12.382 0.461				58.542 227 37 58.542 097 75	-67.423 864 78 -67.423 924 09	5.75 5.75	-11.87 -11.87	-22.09 -22.09	5.00 5.34 1.26 1.23 1.33 55.63 54.31 1.26 1.23 1.33	A 220 B 0.28												
03543-0257	1	FCA	A 18255 B 18255	4.915 0.004 6.105 0.012	5.875 0.006 6.188 0.005	4.821 0.004 6.091 0.007		58.572 860 91 58.572 463 16	-2.954 733 48 -2.952 868 25	9.46 9.46	26.42 26.42	1.49 1.49	0.83 0.68 0.86 0.90 0.93 4.41 3.09 0.86 0.90 0.93	A 347.98 B 6.865												
03544+5839	1	FCA	D A 18260 B 18260	8.974 0.071 10.803 0.364				58.590 685 00 58.590 820 89	+58.653 336 00 +58.653 325 27	-0.69 -0.69	0.84 0.84	-3.37 -3.37	11.15 6.84 2.63 3.02 2.87 35.63 46.39 2.63 3.02 2.87	A 99 B 0.26												
03545+0511	1	FCA	A 18264 S 18264	9.376 0.171 10.352 0.421				58.612 863 49 58.612 869 75	+5.191 157 60 +5.191 195 87	4.08 4.08	17.32 17.32	-18.34 -18.34	5.39 11.22 1.42 1.78 1.43 14.24 26.81 1.42 1.78 1.43	A 9 B 0.14												
03545+4547	1	FCA	A 18270 B 18270	8.413 0.005 11.350 0.070	8.460 0.011	8.335 0.013		58.622 203 46 58.622 563 30	+45.781 591 20 +45.781 776 04	3.23 3.23	20.33 20.33	-22.13 -22.13	1.27 0.96 1.43 1.50 1.24 23.56 18.89 1.43 1.50 1.24	A 54 B 1.12												
03545-1243	1	FCA	A 18272 B 18272	8.416 0.008 9.499 0.020	8.440 0.012 9.675 0.035	8.335 0.017 9.235 0.032		58.632 605 19 58.633 003 01	-12.721 886 47 -12.722 562 05	4.29 4.29	-9.32 -9.32	-16.29 -16.29	1.96 1.46 1.94 2.57 1.85 9.67 6.95 1.94 2.57 1.85	A 150.1 B 2.80												
03546+1346	1	FCC	A 18274 B 18274	7.825 0.057 10.331 0.576				58.639 557 10 58.639 527 15	+13.771 050 44 +13.771 013 02	5.95 5.95	10.37 10.37	-64.00 -64.00	5.71 3.94 1.02 1.23 0.89 51.26 33.59 1.02 1.23 0.89	A 218 B 0.17												
03547-0755	1	FCA	A 18293 B 18293	8.652 0.004 10.967 0.031				58.677 645 12 58.677 657 76	-7.910 274 02 -7.910 508 93	15.02 15.02	64.63 64.63	-103.41 -103.41	1.25 1.18 1.45 1.64 1.95 10.22 9.28 1.45 1.64 1.95	A 177 B 0.85												

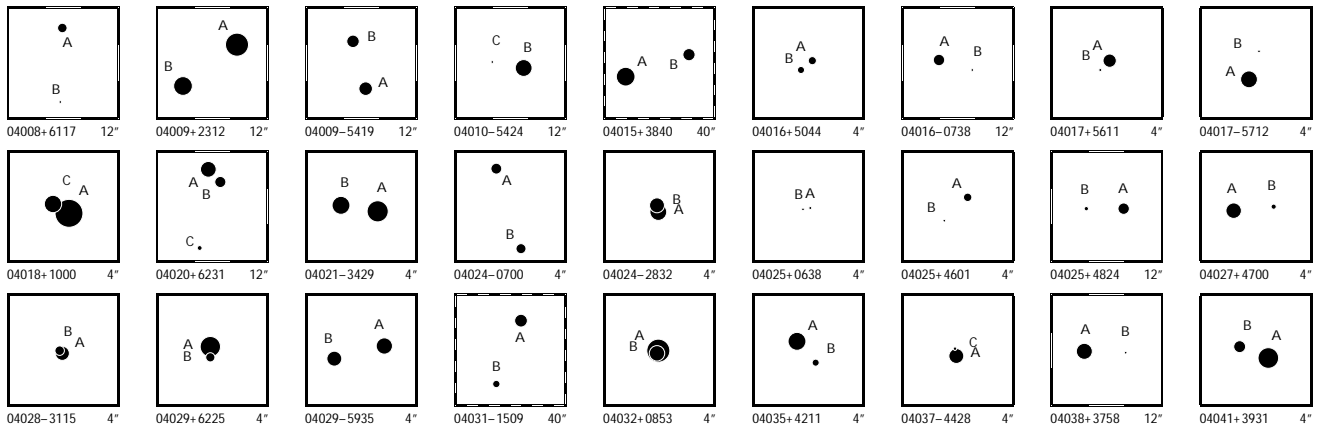


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
03549-6627	1	L	C	A 18311 B 18311	9.186 0.005 9.489 0.006						58.721 817 65 58.721 867 04	-66.449 312 09 -66.449 487 71	5.62 5.62	21.70 23.37	79.19 71.00	1.69 2.70 1.62 1.45 3.38 3.27 3.37 1.62 3.50 4.10						A	173.6	0.636	-0.1	+0.008
03550-5044	1	F	C	A 18316 B 18316	9.375 0.011 11.049 0.050						58.740 490 87 58.739 634 59	-50.732 417 08 -50.731 956 70	7.65 7.65	4.13 4.13	33.01 33.01	1.66 1.69 1.64 1.86 1.84 12.46 10.80 1.64 1.86 1.84						A	310.3	2.56		
03553+3508	1	F	C	A 18345 B 18345	9.931 0.007 11.142 0.020						58.830 779 22 58.831 352 19	+35.131 197 63 +35.131 880 33	4.19 4.19	2.42 2.42	-4.58 -4.58	2.40 1.43 2.65 2.34 1.98 10.25 5.24 2.65 2.34 1.98						A	34.5	2.98		
03554+1738	1	F	C	A 18354 B 18354	7.987 0.004 10.260 0.034						58.858 567 36 58.857 874 85	+17.632 664 56 +17.631 747 69	3.84 3.84	-2.32 -2.32	-4.72 -4.72	1.38 0.82 1.41 1.63 1.25 9.91 5.72 1.41 1.63 1.25						A	215.7	4.07		
03554-2134	1	F	N	D	A 18349 B 18349	8.885 0.006 12.595 0.161					58.841 697 95 58.841 745 67	-21.571 346 65 -21.571 559 29	4.45 4.45	22.88 22.88	18.39 18.39	1.36 1.34 1.55 1.35 1.49 46.33 50.26 1.55 1.35 1.49						A	168	0.78		
03556+5216	1	F	C	A 18372 B 18372	9.011 0.006 10.167 0.018						58.911 489 60 58.911 023 39	+52.260 467 51 +52.260 408 62	2.87 2.87	28.90 28.90	-30.06 -30.06	2.75 1.67 2.05 3.30 2.41 8.11 5.46 2.05 3.30 2.41						A	258.3	1.05		
03556+5238	1	F	C	A 18370 B 18370	6.912 0.003 9.822 0.039						58.910 087 60 58.910 099 91	+52.641 327 05 +52.641 124 54	0.48 0.48	-0.21 -0.21	-1.52 -1.52	0.97 0.76 1.04 1.01 0.86 12.33 7.72 1.04 1.01 0.86						A	178	0.73		
03556-2613	1	F	N	D	A 18364 B 18364	7.794 0.058 10.396 0.639					58.901 264 05 58.901 216 82	-26.215 032 82 -26.215 033 49	11.09 11.09	-31.53 -31.53	-18.43 -18.43	3.11 1.52 0.82 0.62 0.72 58.87 15.66 0.82 0.62 0.72						A	269	0.15		
03556-4731	1	F	C	A 18371 B 18371	9.563 0.009 12.114 0.090						58.910 578 42 58.909 139 67	-47.509 773 56 -47.509 721 82	2.83 2.83	-4.09 -4.09	-13.08 -13.08	1.40 1.34 1.48 1.45 1.46 20.01 21.80 1.48 1.45 1.46						A	273.0	3.50		
03559+3209	1	F	C	A 18392 B 18392	9.113 0.009 11.554 0.080						58.978 542 85 58.978 258 58	+32.154 945 18 +32.155 242 98	3.99 3.99	5.38 5.38	-9.58 -9.58	1.92 1.45 2.10 2.39 2.06 26.17 16.41 2.10 2.39 2.06						A	321	1.38		
03560-2949	1	L	N	C	A 18398 B 18398	9.064 0.015 13.032 0.532					58.998 103 06 58.999 339 38	-29.810 683 49 -29.810 657 03	7.62 7.62	2.75 41.37	0.98 135.05	1.32 1.63 1.97 1.18 1.64 82.01 98.33 1.97 39.13 56.89						A	89	3.86	-2	+0.04
03561+0043	1	F	C	B	A 18408 B 18408	9.655 0.011 12.377 0.132					59.034 982 91 59.034 780 82	+0.711 118 30 +0.711 851 53	1.85 1.85	-8.20 -8.20	-10.78 -10.78	2.21 1.70 2.36 2.54 2.37 33.56 29.97 2.36 2.54 2.37						A	345	2.74		
03561-4746	1	F	C	C	A 18402 B 18402	7.702 0.008 11.447 0.233					59.023 045 02 59.024 544 07	-47.772 931 50 -47.772 654 43	17.46 17.46	-101.23 -101.23	-104.57 -104.57	1.10 1.08 1.17 1.27 1.18 53.14 34.90 1.17 1.27 1.18						A	75	3.76		
03562+5939	1	F	C	A 18413 D 18413	6.715 0.002 10.242 0.060						59.049 370 79 59.049 220 45	+59.641 500 46 +59.641 595 02	46.74 46.74	-284.06 -284.06	159.32 159.32	0.95 1.10 0.96 0.90 0.96 19.81 32.65 0.96 0.90 0.96						A	321	0.44		
03562-1040	1	F	C	A 18414 B 18414	8.370 0.007 11.294 0.091						59.050 470 53 59.051 022 94	-10.658 753 17 -10.658 976 75	4.52 4.52	7.61 7.61	-1.27 -1.27	1.40 1.19 1.74 2.35 1.64 22.60 15.54 1.74 2.35 1.64						A	112.4	2.11		
03562-4717	1	F	C	B	A 18416 B 18416	8.841 0.006 12.491 0.156					59.059 774 97 59.060 074 66	-47.285 489 81 -47.285 618 73	9.45 9.45	44.59 44.59	44.31 44.31	1.31 1.36 1.44 1.35 1.39 53.28 82.14 1.44 1.35 1.39						A	122	0.87		
03564-2800	1	F	N	B	A 18426 B 18426	10.181 0.016 11.385 0.042					59.104 295 60 59.103 153 44	-27.998 459 92 -27.999 027 56	8.32 8.32	36.33 36.33	108.17 108.17	1.70 2.24 2.83 1.72 2.44 7.94 11.28 2.83 1.72 2.44						A	240.6	4.17		
03565+0734	1	F	C	A 18430 B 18430	8.629 0.004 9.799 0.012						59.116 962 38 59.116 978 73	+7.571 312 40 +7.571 472 68	4.75 4.75	45.22 45.22	-18.32 -18.32	1.84 1.09 1.84 1.92 1.53 4.85 2.93 1.84 1.92 1.53						A	5.8	0.580		
03565-4238	1	F	C	A 18429 B 18429	10.346 0.009 10.534 0.011						59.115 188 68 59.115 584 47	-42.625 966 48 -42.625 547 32	6.25 6.25	20.55 20.55	5.19 5.19	2.77 3.56 2.95 2.43 4.28 4.07 5.11 2.95 2.43 4.28						A	34.8	1.837		
03566+4437	1	F	C	A 18447 B 18447	10.113 0.011 12.512 0.093						59.147 481 11 59.147 332 67	+44.611 535 33 +44.611 438 67	2.34 2.34	1.24 1.24	-25.97 -25.97	2.32 1.80 2.14 2.16 1.95 27.05 18.48 2.14 2.16 1.95						A	228	0.52		
03566-3955	1	F	C	A 18452 B 18452	8.055 0.005 8.839 0.010						59.151 853 80 59.152 840 18	-39.915 133 42 -39.916 015 20	7.53 7.53	-20.15 -20.15	3.15 3.15	1.10 1.09 1.22 1.14 1.24 3.03 3.40 1.22 1.14 1.24						A	139.4	4.183		
03567+4729	1	F	C	A 18460 B 18460	8.206 0.004 10.248 0.026						59.169 879 02 59.167 996 56	+47.483 391 24 +47.482 460 19	5.44 5.44	3.11 3.11	-46.43 -46.43	1.16 0.93 1.31 1.20 1.11 8.84 5.31 1.31 1.20 1.11						A	233.8	5.68		
03567-0134	1	F	C	A 18462 B 18462	8.151 0.004 11.518 0.094						59.179 307 49 59.179 350 31	-1.571 832 82 -1.572 026 90	3.81 3.81	-1.08 -1.08	-9.89 -9.89	1.22 1.13 1.33 1.78 1.91 21.04 17.57 1.33 1.78 1.91						A	168	0.72		
03571+6107	1	F	C	A 18488 B 18488	5.204 0.003 8.081 0.035						59.284 552 87 59.285 287 19	+61.108 917 03 +61.109 231 78	1.76 1.76	-3.40 -3.40	-14.06 -14.06	0.58 0.57 0.74 0.58 0.63 6.85 7.17 0.74 0.58 0.63						A	48.4	1.71		
03571+6931	1	F	N	B	A 18487 B 18487	8.581 0.011 9.374 0.021					59.279 525 87 59.281 782 63	+69.515 662 02 +69.512 405 19	4.67 4.67	-9.03 -9.03	-8.71 -8.71	1.15 1.57 1.77 1.16 1.73 4.13 5.86 1.77 1.16 1.73						A	166.37	12.06		
03572-4413	1	L	C	A 18496 B 18497	9.278 0.007 11.432 0.038						59.303 592 53 59.307 762 98	-44.221 137 81 -44.219 917 42	12.51 9.48	9.74 7.38	19.89 18.59	1.69 1.72 1.53 1.57 1.69 14.32 14.50 10.26 10.31 11.25						A	67.8	11.62	0.0	0.00
03573+4153	1	F	C	A 18499 B 18499	6.930 0.003 10.307 0.061						59.317 927 50 59.319 749 39	+41.880 659 89 +41.878 621 01	9.46 9.46	-18.81 -18.81	-14.16 -14.16	0.89 0.62 0.89 0.90 0.80 18.23 11.61 0.89 0.90 0.80						A	146.4	8.82		

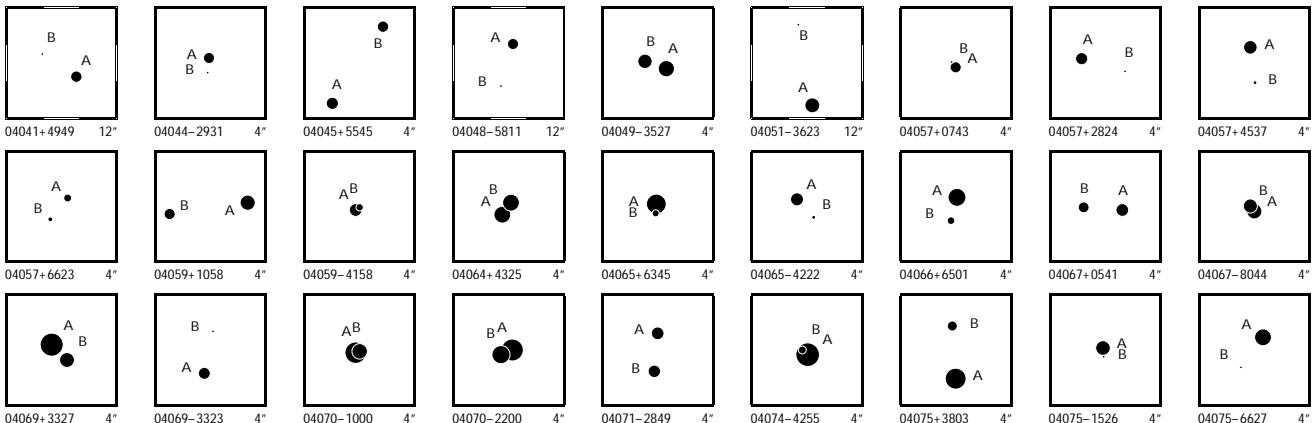


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
03575+7725	1	FCA	B 18510	8.754	0.007							59.365 841 40	+7.414 817 63	3.65	-2.51	-13.00	1.15	1.60	1.31	1.06	1.45	B	333.3	0.456		
			A 18510	9.516	0.013							59.365 580 35	+7.414 930 71	3.65	-2.51	-13.00	3.01	4.31	1.31	1.06	1.45					
03575-0110	1	FCB	A 18512	8.199	0.008	9.546	0.022	8.201	0.013			59.370 031 10	-1.159 113 86	63.41	-182.43	-139.14	1.78	1.54	2.00	2.31	2.67	A	17.3	11.08		
			B 18512	11.450	0.151							59.370 944 67	-1.156 175 35	63.41	-182.43	-139.14	43.60	34.83	2.00	2.31	2.67					
03575-7650	1	FCA	A 18515	9.723	0.009	10.134	0.025	9.628	0.024			59.381 794 65	-76.833 143 10	6.64	24.96	-38.26	1.35	1.42	1.37	1.34	1.72	A	112.3	3.87		
			B 18515	12.032	0.076							59.386 156 30	-76.833 550 78	6.64	24.96	-38.26	14.79	18.09	1.37	1.34	1.72					
03576+1130	1	FCA	A 18520	8.816	0.006	9.388	0.018	8.647	0.015			59.398 863 05	+11.496 976 76	7.13	-0.30	-23.53	1.84	1.01	1.80	1.96	1.65	A	265.0	1.44		
			B 18520	10.712	0.030							59.398 456 58	+11.496 942 08	7.13	-0.30	-23.53	12.90	5.72	1.80	1.96	1.65					
03578+2255	1	FCA	A 18531	9.038	0.006	10.090	0.026	8.947	0.017			59.446 648 05	+22.924 367 90	27.72	157.34	11.00	3.02	1.37	2.77	3.16	3.06	A	146	2.52		
			B 18531	11.385	0.048							59.447 074 64	+22.923 787 55	27.72	157.34	11.00	40.98	12.90	2.77	3.16	3.06					
03579+0938	1	IFC	A 18539	9.600	0.008	10.189	0.036	9.570	0.031			59.486 061 76	+9.625 298 42	3.19	22.79	5.69	5.67	2.93	5.01	5.31	4.35	A	94.4	16.70	-0.2	+0.03
			B 18540	11.634	0.009							59.490 753 73	+9.624 945 06	-8.31	59.70	47.76	27.60	14.01	21.80	24.33	20.09					
03583+3245	1	FCA	A 18558	9.187	0.008	9.484	0.021	9.069	0.021			59.585 032 30	+32.756 525 04	1.82	16.47	-7.59	2.30	1.56	2.70	3.04	2.61	A	198.0	1.59		
			B 18558	10.769	0.034							59.584 870 35	+32.756 105 60	1.82	16.47	-7.59	13.38	8.44	2.70	3.04	2.61					
03584-4150	1	FCA	A 18563	9.526	0.061							59.602 859 45	-41.839 337 52	12.20	40.39	59.24	7.87	4.39	1.25	1.37	1.28	A	290	0.23		
			B 18563	11.391	0.340							59.602 778 15	-41.839 316 01	12.20	40.39	59.24	27.83	24.78	1.25	1.37	1.28					
03586-0239	1	FCA	B 18591	10.561	0.045	10.770	0.103	10.545	0.153			59.674 587 51	-2.651 878 07	2.09	24.46	7.99	6.85	4.70	6.54	8.43	7.95	B	39	1.25		
			C 18591	11.484	0.103							59.674 806 35	-2.651 608 77	2.09	24.46	7.99	33.66	19.76	6.54	8.43	7.95					
03586-3101	1	FCA	A 18572	10.478	0.011							59.637 463 89	-31.022 307 60	1.33	-6.96	-29.32	2.57	2.83	3.50	2.59	3.03	A	185.1	1.07		
			B 18572	10.585	0.011							59.637 433 37	-31.022 602 48	1.33	-6.96	-29.32	5.10	6.11	3.50	2.59	3.03					
03586-3648	1	FCA	A 18573	9.372	0.045							59.638 471 53	-36.796 204 99	1.61	6.36	12.59	5.31	4.06	1.23	1.17	1.19	A	255	0.23		
			B 18573	11.049	0.211							59.638 394 38	-36.796 222 00	1.61	6.36	12.59	19.48	18.79	1.23	1.17	1.19					
03588+0230	1	FCA	A 18601	9.260	0.007	10.294	0.039	9.167	0.024			59.694 719 68	+2.507 830 68	7.01	-3.47	10.52	1.92	1.29	2.10	2.34	2.24	A	207.8	1.98		
			B 18601	11.495	0.050							59.694 462 63	+2.507 343 23	7.01	-3.47	10.52	14.49	10.25	2.10	2.34	2.24					
03589+5130	1	FND	D 18604	7.816	0.013	9.793	0.021	7.906	0.009			59.713 734 44	+51.499 028 68	-0.02	1.20	-5.41	2.45	1.89	2.29	2.30	2.10	A	226.0	12.27		
			B 18603	11.032	0.238	11.886	0.179	11.079	0.128			59.709 795 90	+51.496 660 16	-0.02	1.20	-5.41	61.44	50.56	2.29	2.30	2.10					
03589-3547	1	FCB	A 18611	8.344	0.009							59.733 542 50	-35.778 567 95	2.08	21.43	0.16	2.06	1.79	1.36	1.03	1.18	A	68	0.39		
			B 18611	11.560	0.169							59.733 667 12	-35.778 526 18	2.08	21.43	0.16	36.12	37.71	1.36	1.03	1.18					
03590+0947	1	FCA	A 18618	8.848	0.017							59.751 090 97	+9.781 798 16	12.85	95.92	-45.88	2.90	2.07	1.55	1.81	1.29	A	309	0.317		
			B 18618	9.362	0.026							59.751 021 74	+9.781 854 02	12.85	95.92	-45.88	5.68	4.14	1.55	1.81	1.29					
03590-0056	1	FCB	A 18617	10.167	0.010	10.739	0.053	10.166	0.051			59.750 346 07	-0.936 638 51	10.38	80.09	1.75	2.47	1.81	2.61	3.23	3.04	A	101	4.27		
			C 18617	12.946	0.123							59.751 510 58	-0.936 867 89	10.38	80.09	1.75	60.06	35.21	2.61	3.23	3.04					
03595-2846	1	FCA	B 18644	9.822	0.016							59.862 647 54	-28.773 984 40	3.77	30.64	30.04	3.39	4.34	3.50	1.43	2.57	B	24	0.407		
			A 18644	10.015	0.019							59.862 700 72	-28.773 881 37	3.77	30.64	30.04	3.61	4.16	3.50	1.43	2.57					
03596-1019	1	FCA	A 18655	9.016	0.010							59.903 616 35	-10.322 923 04	8.16	37.67	22.85	2.83	2.23	2.36	2.70	2.33	A	310	0.424		
			B 18655	9.214	0.012							59.903 523 99	-10.322 847 97	8.16	37.67	22.85	4.59	3.65	2.36	2.70	2.33					
03597+3849	1	FCA	A 18657	6.625	0.003	6.668	0.005	6.560	0.006			59.916 592 91	+38.820 388 84	2.97	-11.68	-3.44	1.20	0.85	1.29	1.23	1.06	A	324	1.38		
			B 18657	9.280	0.033							59.916 306 55	+38.820 699 61	2.97	-11.68	-3.44	22.04	11.44	1.29	1.23	1.06					
03598+5054	1	FFD	D 18668	10.332	0.020	11.147	0.075	10.139	0.046			59.961 380 71	+50.893 624 95	5.27	-18.42	-25.65	4.54	2.82	4.85	4.29	3.49	A	353.6	3.45		
			B 18668	12.121	0.101							59.961 212 18	+50.894 577 56	5.27	-18.42	-25.65	29.39	24.81	4.85	4.29	3.49					
03599+3204	1	FCA	A 18670	9.555	0.044							59.971 650 68	+32.064 049 54	0.63	-2.10	-2.79	9.38	5.11	1.71	2.04	1.80	A	51	0.27		
			B 18670	11.825	0.355							59.971 720 53	+32.064 097 82	0.63	-2.10	-2.79	43.84	30.50	1.71	2.04	1.80					
03599+4454	1	FND	D 18669	9.057	0.010	9.306	0.018	9.022	0.019			59.968 870 08	+44.899 802 66	4.40	-1.57	-5.78	1.68	1.21	1.79	1.87	1.59	A	256	1.97		
			B 18669	13.277	0.488							59.968 120 70	+44.899 671 81	4.40	-1.57	-5.78	135.82	83.38	1.79	1.87	1.59					
04000+3026	1	FCB	A 18676	9.327	0.007	9.924	0.021	9.275	0.018			59.989 117 39	+30.431 085 95	8.91	18.04	19.76	1.87	1.09	2.31	2.03	1.82	A	163	2.90		
			B 18676	12.568	0.131							59.989 390 98	+30.430 316 88	8.91	18.04	19.76	52.50	23.18	2.31	2.03	1.82					
04002-6254	1	FCA	A 18689	8.310	0.004							60.056 941 17	-62.902 299 49	7.39												

System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
04008+6117	1	F CA	A 18737 B 18737	9.918 0.009 11.753 0.048	10.382 0.037	9.929 0.037	60.206 538 84 60.206 675 84	+61.290 757 97 +61.288 458 80	0.02 0.02	5.64 -19.57 5.64 -19.57	1.51 1.62 1.99 10.72 11.58 1.99	1.78 1.98 1.78 1.98	A	178.4	8.28											
04009+2312	1	F CA	A 18748 B 18748	6.929 0.004 7.878 0.010	6.938 0.008	6.886 0.007	60.236 708 92 60.238 518 13	+23.201 576 34 +23.200 324 59	3.01 3.01	15.01 -35.07 15.01 -35.07	1.44 1.05 1.36 5.17 2.21 1.36	1.82 1.84 1.82 1.84	A	126.97	7.493											
04009-5419	1	F CA	A 18741 B 18741	8.982 0.007 9.239 0.009	9.271 0.017	8.842 0.017	60.216 655 33 60.217 279 94	-54.323 832 91 -54.322 382 84	2.69 2.69	18.50 22.85 18.50 22.85	1.68 1.89 1.69 3.37 3.58 1.69	1.85 2.13 1.85 2.13	A	14.10	5.382											
04010-5424	1	F CB	B 18756 C 18756	8.291 0.006 11.687 0.125	8.556 0.010	8.213 0.010	60.266 275 13 60.267 922 72	-54.406 175 35 -54.405 990 27	7.06 7.06	29.86 -6.85 29.86 -6.85	1.00 0.99 0.99 27.78 31.95 0.99	1.18 1.16 1.18 1.16	B	79	3.52											
04015+3840	1	I CB	A 18793 B 18789	7.842 0.008 9.277 0.023	9.895 0.028	7.894 0.012	60.395 105 05 60.386 761 93	+38.665 491 99 +38.667 740 10	3.50 3.50	-5.33 -7.87 -40.67 25.11	1.71 1.42 1.63 10.04 7.21 7.50	1.98 1.82 7.96 7.40	A	289.04	24.81	+0.05	+0.04									
04016+5044	1	F CA	A 18794 B 18794	10.216 0.010 10.431 0.012	60.402 291 67 60.402 459 32	+50.728 134 48 +50.728 031 29	5.01 5.01	8.94 -50.15 8.94 -50.15	5.14 3.52 3.71 7.71 5.88 3.71	5.85 4.31 5.85 4.31	A	134	0.533													
04016-0738	1	F ND	D 18790 B 18790	9.468 0.011 12.708 0.202	10.605 0.051	9.370 0.028	60.390 627 24 60.389 585 71	-7.626 673 65 -7.626 968 87	3.22 3.22	-2.05 -16.54 -2.05 -16.54	1.82 1.55 2.18 48.86 44.43 2.18	2.16 2.20 2.16 2.20	A	254	3.87											
04017+5611	1	F CA	A 18801 B 18801	9.088 0.008 11.315 0.061	60.425 493 61 60.425 674 64	+56.176 864 17 +56.176 767 80	-1.19 -1.19	3.03 -8.35 3.03 -8.35	2.13 1.72 1.93 19.24 14.99 1.93	1.99 1.77 1.99 1.77	A	134	0.50													
04017-5712	1	F CA	A 18802 B 18802	8.279 0.005 11.772 0.105	8.770 0.011	8.208 0.010	60.434 412 94 60.434 237 14	-57.207 830 41 -57.207 540 04	19.02 19.02	347.27 413.51 347.27 413.51	0.87 0.89 0.87 20.64 24.04 0.87	1.01 1.00 1.01 1.00	A	342	1.10											
04018+1000	1	F CA	A 18805 C 18805	5.793 0.002 8.182 0.017	60.442 220 88 60.442 395 88	+9.998 013 93 +9.998 122 52	5.77 5.77	5.59 1.13 5.59 1.13	0.87 0.50 0.78 7.07 3.86 0.78	0.94 0.74 0.94 0.74	A	57.8	0.73													
04020+6231	1	F NB	G 18818 B 18818 C 18818	8.518 0.013 9.510 0.026 10.923 0.111	8.654 0.013 9.598 0.027 10.885 0.063	8.368 0.018 9.269 0.031 10.471 0.071	60.493 123 98 60.492 283 49 60.493 666 34	+62.514 081 79 +62.513 686 53 +62.511 659 01	0.77 0.77 0.77	-2.04 -0.48 -2.04 -0.48 -2.04 -0.48	1.40 1.55 2.04 5.05 4.73 2.04	1.55 1.78 1.55 1.78 1.55 1.78	A	224.5	1.994											
04021-3429	1	L CA	A 18824 B 18824	7.324 0.004 8.019 0.008	7.787 0.018	7.077 0.016	60.513 258 42 60.513 709 60	-34.482 121 85 -34.482 058 99	19.15 19.15	377.44 -15.13 368.13 3.52	0.97 1.10 1.13 3.70 2.95 1.13	0.83 1.02 2.41 1.79	A	80.4	1.358	-0.8	-0.006									
04024-0700	1	F CA	A 18840 B 18840	9.601 0.006 9.754 0.007	10.082 0.041	9.471 0.037	60.593 936 84 60.593 675 62	-7.005 142 26 -7.005 959 94	10.51 10.51	-1.62 20.89 -1.62 20.89	3.73 2.84 5.06 4.75 4.07 5.06	5.73 5.79 5.73 5.79	A	197.6	3.088											
04024-2832	1	L CA	A 18839 B 18839	8.281 0.019 8.714 0.028	60.591 032 33 60.591 045 77	-28.530 880 65 -28.530 805 04	16.85 16.85	-23.94 -31.54 -51.86 -40.09	1.56 2.72 1.09 3.00 4.35 1.09	1.72 1.46 2.82 2.28	A	9	0.275	-5	-0.013											
04025+0638	1	F CA	A 18856 B 18856	11.369 0.214 11.813 0.322	60.636 840 57 60.636 914 13	+6.631 155 06 +6.631 142 69	12.63 12.63	-29.86 -6.48 -29.86 -6.48	27.72 23.14 3.45 48.99 40.67 3.45	4.16 2.77 4.16 2.77	A	100	0.27													
04025+4601	1	F CA	A 18845 B 18845	10.145 0.009 12.044 0.050	10.490 0.039	10.014 0.041	60.613 365 20 60.613 716 04	+46.012 597 53 +46.012 362 39	4.32 4.32	4.76 -7.20 4.76 -7.20	3.12 1.93 3.10 37.15 14.29 3.10	2.73 2.47 2.73 2.47	A	134	1.22											
04025+4824	1	F CA	A 18846 B 18846	9.504 0.010 11.067 0.041	9.762 0.023	9.409 0.024	60.614 731 96 60.616 480 16	+48.395 307 23 +48.395 297 10	2.86 2.86	-7.02 1.36 -7.02 1.36	1.96 1.42 2.11 14.23 7.21 2.11	2.00 1.88 2.00 1.88	A	90.5	4.18											
04027+4700	1	F CA	A 18873 B 18873	8.586 0.005 10.873 0.041	8.776 0.011	8.465 0.012	60.684 194 53 60.683 593 89	+46.996 989 95 +46.997 031 97	5.47 5.47	25.55 -25.96 25.55 -25.96	1.39 1.09 1.57 16.21 9.42 1.57	1.41 1.35 1.41 1.35	A	275.9	1.48											
04028-3115	1	F CA	A 18879 B 18879	8.861 0.155 9.923 0.413	60.707 188 61 60.707 223 10	-31.242 579 24 -31.242 552 01	6.16 6.16	8.79 -4.00 8.79 -4.00	8.88 6.99 1.00 20.17 21.20 1.00	0.66 0.88 0.66 0.88	A	47	0.14													
04029+6225	1	F CA	A 18884 B 18884	7.521 0.007 9.971 0.067	60.729 785 00 60.729 798 15	+62.421 315 39 +62.421 206 06	2.23 2.23	0.30 -0.76 0.30 -0.76	1.10 1.46 1.29 11.75 13.05 1.29	1.03 1.15 1.03 1.15	A	177	0.39													
04029-5935	1	F CA	A 18883 B 18883	8.387 0.004 8.711 0.006	8.654 0.018	8.188 0.024	60.724 391 35 60.725 396 57	-59.579 510 23 -59.579 639 55	3.64 3.64	27.19 5.42 27.19 5.42	1.63 1.41 1.38 3.03 3.28 1.38	1.59 1.31 1.59 1.31	A	104.3	1.891											
04031-1509	1	L FC	A 18897 B 18899	9.180 0.076 10.364 0.173	9.966 0.032	9.207 0.025	60.763 804 69 60.766 430 41	-15.145 590 05 -15.152 096 80	0.59 0.59	-8.99 -69.58 -30.59 -208.68	3.63 3.09 3.32 75.84 60.09 3.32	4.66 3.83 60.05 75.76	A	158.7	25.14	+0.2	+0.12									
04032+0853	1	F CA	A 18911 B 18911	6.893 0.094 8.570 0.441	60.794 077 84 60.794 071 60	+8.882 633 34 +8.882 607 19	5.04 5.04	9.78 6.49 9.78 6.49	3.00 4.18 0.88 14.78 19.37 0.88	1.00 1.00 1.00 1.00	A	153	0.11													
04035+4211	1	F CA	A 18935 B 18935	8.052 0.006 10.466 0.054	8.105 0.010	7.943 0.015	60.880 348 04 60.880 083 80	+42.182 048 63 +42.181 830 68	1.27 1.27	-4.92 0.73 -4.92 0.73	1.38 0.98 1.43 14.53 8.59 1.43	1.74 1.29 1.74 1.29	A	222	1.05											
04037-4428	1	F CA	A 18958 C 18958	8.719 0.035 11.220 0.348	60.938 171 02 60.938 187 72	-44.481 479 78 -44.481 410 66	14.31 14.31	-68.22 -84.70 -68.22 -84.70	1.91 5.57 1.03 21.79 30.54 1.03	0.92 1.05 0.92 1.05	A	10	0.25													
04038+3758	1	F CB	Y 18963 B 18963	8.476 0.005 12.139 0.125	8.543 0.010	8.415 0.012	60.951 701 83 60.950 119 93	+37.972 184 30 +37.972 152 09	6.05 6.05	-12.92 -12.71 -12.92 -12.71	1.88 1.26 2.11 87.87 45.93 2.11	1.95 1.79 1.95 1.79	A	269	4.49											
04041+3931	1	L CA	A 18986 B 18986	7.459 0.004 9.330 0.021	8.039 0.011	7.270 0.011	61.029 106 99 61.029 485 55	+39.509 956 71 +39.510 072 43	27.42 27.42	144.21 -97.59 149.74 -77.77	1.50 1.24 1.46 9.11 7.03 1.46	1.57 1.36 6.37 6.76	A	68.4	1.13	-0.8	+0.01									



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04041+4949	1	F C B	A 18989 B 18989	9.489 0.010 12.481 0.155	9.698 0.022	9.457 0.027		61.034 911 76 +49.814 605 00 61.036 544 43 +49.815 306 62	4.34 4.34	-9.13 -8.04 -9.13 -8.04	2.04 1.54 2.24 2.43 2.07 45.72 31.73 2.24 2.43 2.07	A 56	4.56													
04044-2931	1	F C A	A 19015 B 19015	9.521 0.008 12.426 0.116				61.104 124 92 -29.515 299 79 61.104 142 24 -29.515 449 08	4.81 4.81	11.16 -13.59 11.16 -13.59	1.35 1.88 1.96 1.17 1.74 29.19 30.81 1.96 1.17 1.74	A 174	0.54													
04045+5545	1	F C A	A 19021 B 19021	9.328 0.010 9.486 0.011	10.775 0.055 10.824 0.071	9.167 0.023 9.369 0.032		61.122 339 47 +55.740 653 43 61.121 427 12 +55.741 437 61	3.09 3.09	-4.24 -15.34 -4.24 -15.34	2.38 1.89 2.68 2.97 2.65 3.85 3.75 2.68 2.97 2.65	A 326.8	3.375													
04048-5811	1	F C C	A 19045 B 19045	9.540 0.012 13.120 0.299	9.951 0.025	9.449 0.024		61.209 403 17 -58.177 851 43 61.210 115 60 -58.179 155 94	3.58 3.58	1.13 3.94 1.13 3.94	1.47 1.49 1.45 1.59 1.53 62.96 64.88 1.45 1.59 1.53	A 164	4.89													
04049-3527	1	L C B	A 19052 B 19052	8.403 0.007 8.805 0.010				61.233 211 94 -35.446 463 15 61.233 484 26 -35.446 393 08	15.86 15.86	-60.99 -35.01 -47.48 -33.74	1.76 3.06 2.24 1.73 2.60 4.54 5.45 2.24 3.62 4.34	A 72.5	0.838 +0.2	+0.013												
04051-3623	1	F F D	A 19060 B 19060	8.717 0.028 11.815 0.489	10.543 0.032	8.748 0.013		61.266 873 01 -36.389 842 90 61.267 421 83 -36.387 358 35	2.00 2.00	-0.88 28.44 -0.88 28.44	1.12 1.16 1.34 1.16 1.25 17.69 19.63 1.34 1.16 1.25	A 10.1	9.08													
04057+0743	1	F C C	A 19104 B 19104	9.529 0.070 11.978 0.669				61.425 538 53 +7.713 445 96 61.425 575 22 +7.713 494 66	5.17 5.17	1.95 -3.77 1.95 -3.77	7.50 6.78 1.73 2.23 1.77 58.91 48.09 1.73 2.23 1.77	A 37	0.22													
04057+2824	1	F C A	A 19097 B 19097	9.303 0.008 12.253 0.110	9.540 0.025	9.193 0.026		61.413 229 26 +28.395 391 59 61.412 732 77 +28.395 267 68	0.45 0.45	2.84 -5.32 2.84 -5.32	1.97 1.67 1.98 2.68 2.42 30.35 18.66 1.98 2.68 2.42	A 254	1.63													
04057+4537	1	F C A	A 19101 B 19101	9.012 0.009 11.157 0.060	9.125 0.014	8.919 0.016		61.421 055 59 +45.622 562 52 61.420 993 04 +45.622 203 76	2.47 2.47	-2.70 -18.89 -2.70 -18.89	2.24 1.53 2.32 2.02 1.51 18.61 21.66 2.32 2.02 1.51	A 187	1.30													
04057+6623	1	F C A	A 19109 B 19109	10.236 0.011 10.900 0.021				61.435 799 20 +66.378 693 97 61.436 252 43 +66.378 469 98	4.05 4.05	-15.02 -35.71 -15.02 -35.71	2.28 2.61 3.74 2.27 2.81 6.40 7.62 3.74 2.27 2.81	A 141.0	1.04													
04059+1058	1	F C A	A 19112 B 19112	8.638 0.014 9.564 0.032	8.937 0.019	8.425 0.018		61.470 377 46 +10.973 428 96 61.471 189 31 +10.973 311 65	7.63 7.63	-4.31 -72.08 -4.31 -72.08	2.32 1.61 2.07 2.33 1.81 9.28 6.54 2.07 2.33 1.81	A 98.4	2.90													
04059-4158	1	F C A	A 19119 B 19119	9.196 0.093 10.407 0.283				61.478 752 60 -41.960 525 59 61.478 694 28 -41.960 501 43	1.81 1.81	0.42 5.14 0.42 5.14	7.06 5.48 0.97 0.92 0.95 20.58 16.94 0.97 0.92 0.95	A 299	0.18													
04064+4325	1	L C A	A 19159 B 19159	8.284 0.004 8.289 0.004				61.606 296 00 +43.418 643 45 61.606 171 71 +43.418 768 13	12.11 12.11	-24.34 -198.23 -33.51 -194.46	2.77 1.70 1.99 2.79 1.76 3.59 2.14 1.99 3.20 2.18	A 324.1	0.554 -0.5	+0.008												
04065+6345	1	F C A	A 19161 B 19161	7.624 0.025 10.460 0.334				61.629 853 34 +63.745 669 52 61.629 857 01 +63.745 584 56	5.30 5.30	-14.72 3.91 -14.72 3.91	2.37 5.58 1.46 1.05 1.30 32.76 33.55 1.46 1.05 1.30	A 179	0.31													
04065-4222	1	F C A	A 19160 B 19160	9.092 0.006 11.145 0.039				61.626 841 11 -42.364 688 48 61.626 607 15 -42.364 877 92	8.14 8.14	82.69 32.59 82.69 32.59	1.21 1.31 1.40 1.36 1.47 10.02 10.64 1.40 1.36 1.47	A 222	0.92													
04066+6501	1	F C A	A 19173 B 19173	8.023 0.003 10.290 0.025				61.652 595 53 +65.009 214 07 61.652 748 48 +65.008 976 48	2.61 2.61	-4.87 -1.09 -4.87 -1.09	0.80 0.89 1.24 0.88 1.13 6.64 8.30 1.24 0.88 1.13	A 164.8	0.89													
04067+0541	1	F C A	A 19189 B 19189	9.195 0.008 9.619 0.012				61.686 361 00 +5.686 788 92 61.686 752 83 +5.686 814 57	4.40 4.40	70.32 15.57 70.32 15.57	2.96 1.76 2.78 2.94 3.06 5.58 3.40 2.78 2.94 3.06	A 86.2	1.41													
04067-8044	1	L C A	A 19188 B 19188	8.641 0.034 8.904 0.043				61.685 440 13 -80.735 563 32 61.685 673 32 -80.735 513 42	14.08 14.08	-25.58 -245.22 -30.55 -225.47	3.67 4.22 0.74 1.40 1.57 3.69 4.38 0.74 1.61 1.80	A 37	0.225 -4	+0.013												
04069+3327	1	F C A	A 19201 B 19201	6.896 0.004 8.706 0.021				61.732 603 98 +33.446 384 72 61.732 411 79 +33.446 229 72	3.89 3.89	4.41 -6.55 4.41 -6.55	1.28 0.96 1.31 1.50 1.38 10.53 4.03 1.31 1.50 1.38	A 226	0.80													
04069-3323	1	F N D	A 19198 B 19198	9.370 0.009 13.059 0.268	10.055 0.024	9.297 0.019		61.718 416 38 -33.380 747 01 61.718 296 13 -33.380 324 64	15.19 15.19	-22.26 -48.30 -22.26 -48.30	1.09 1.42 1.55 1.20 1.71 56.05 72.72 1.55 1.20 1.71	A 347	1.56													
04070-1000	1	F C A	A 19206 B 19206	7.285 0.054 8.601 0.182				61.752 654 09 -10.000 113 65 61.752 606 22 -10.000 098 81	24.00 24.00	-127.56 -141.56 -127.56 -141.56	4.78 4.30 0.92 1.02 1.05 15.51 15.10 0.92 1.02 1.05	A 287	0.18													
04070-2200	1	L C A	A 19202 B 19202	7.143 0.005 7.955 0.010				61.742 161 32 -21.994 032 96 61.742 280 62 -21.994 085 60	7.18 7.18	15.20 -12.14 18.79 -5.56	1.24 1.16 1.11 1.10 1.24 2.91 3.22 1.11 1.63 2.38	A 115.4	0.441 -1.0	0.000												
04071-2849	1	F C A	A 19211 B 19211	9.170 0.005 9.258 0.006				61.768 338 22 -28.811 127 30 61.768 375 94 -28.811 518 96	0.39 0.39	10.18 6.59 10.18 6.59	1.51 1.56 2.08 1.58 1.81 2.22 3.10 2.08 1.58 1.81	A 175.2	1.415													
04074-4255	1	F C C	A 19242 B 19242	6.798 0.017 10.253 0.408				61.855 170 98 -42.916 812 43 61.855 239 03 -42.916 761 24	7.48 7.48	1.20 13.65 1.20 13.65	2.48 1.98 0.78 0.76 0.87 41.43 46.07 0.78 0.76 0.87	A 44	0.26													
04075+3803	1	L C A	A 19255 B 19255	7.381 0.002 9.760 0.018	8.261 0.010	7.293 0.007		61.892 603 09 +38.075 087 67 61.892 650 05 +38.075 631 99	48.59 48.59	172.94 -226.60 159.24 -188.32	1.17 0.76 1.17 1.01 0.89 14.23 6.42 1.17 9.13 6.31	A 3.9	1.96 -0.5	+0.04												
04075-1526	1	F C A	A 19251 B 19251	8.733 0.026 11.522 0.337				61.875 573 12 -15.440 236 78 61.875 562 81 -15.440 319 75	1.84 1.84	3.32 4.76 3.32 4.76	2.31 5.17 1.74 1.68 1.52 29.84 30.80 1.74 1.68 1.52	A 187	0.30													
04075-6627	1	F C B	A 19246 B 19246	8.292 0.008 12.023 0.256	9.440 0.017	8.225 0.011		61.868 066 35 -66.445 185 55 61.868 614 09 -66.445 492 13	3.12 3.12	12.66 -5.55 12.66 -5.55	1.01 1.10 1.02 0.89 1.13 28.92 34.75 1.02 0.89 1.13	A 144	1.36													

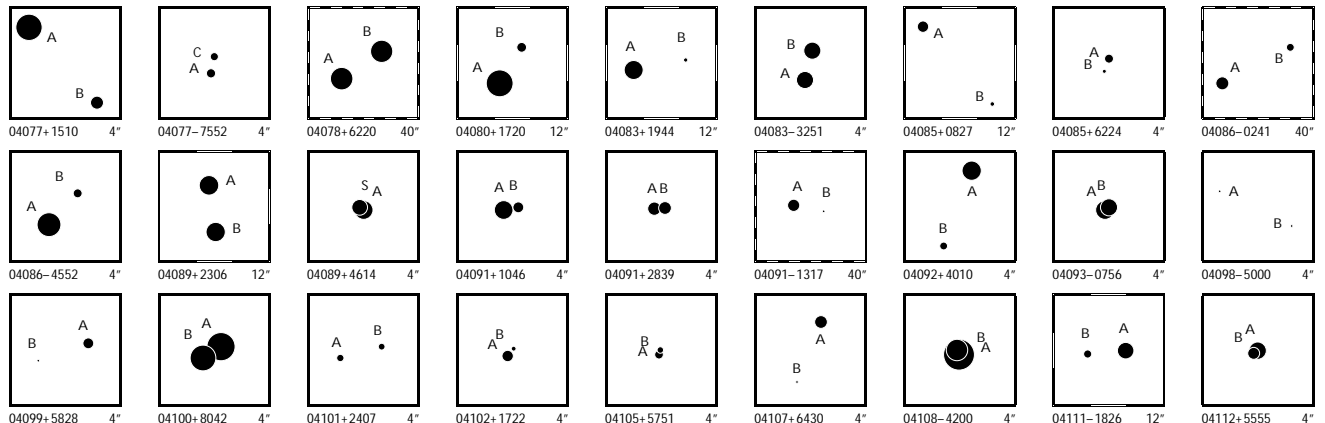


Component Solutions

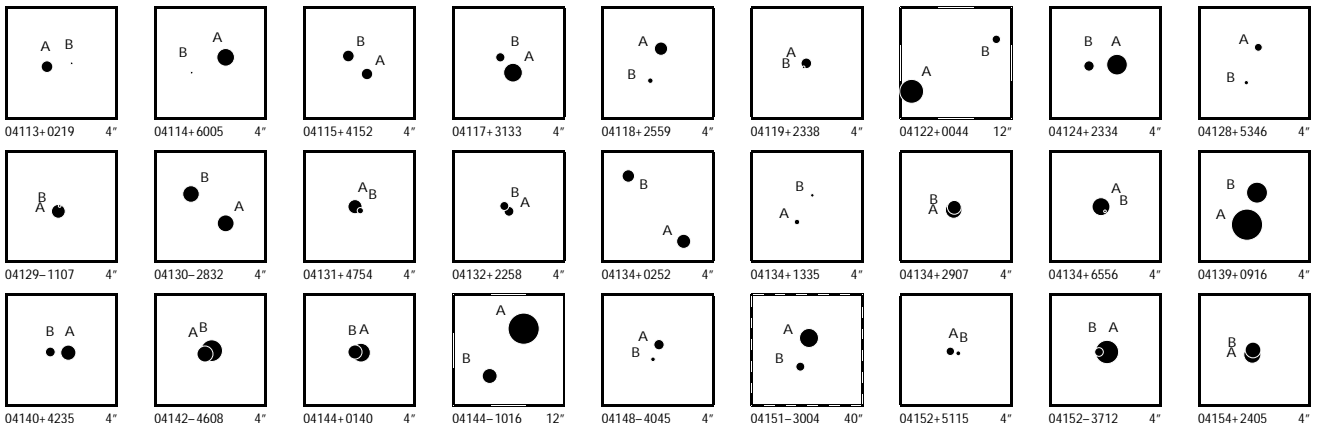
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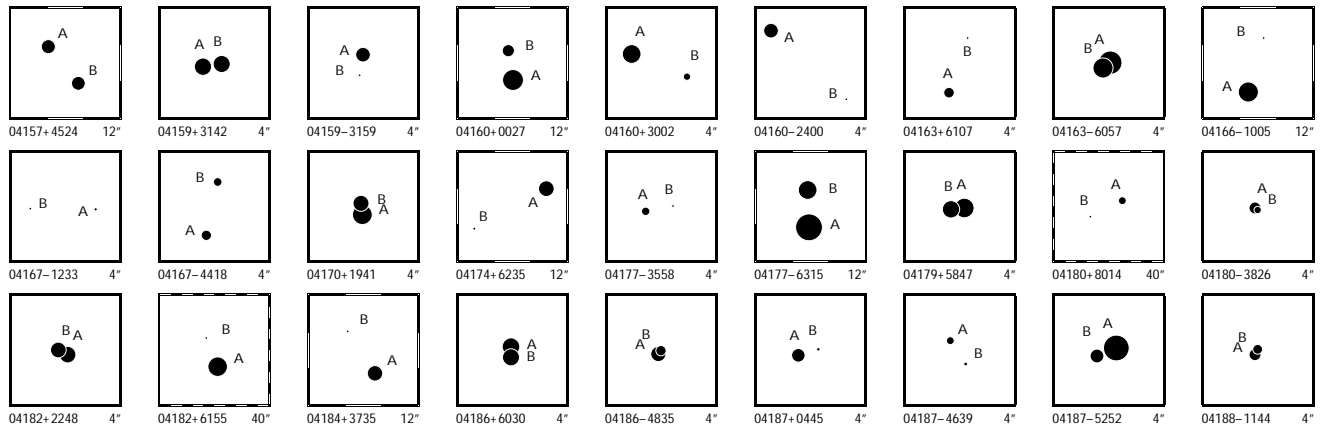
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04077+1510	1	F CA	A 19261 B 19261	6.157 0.003 9.114 0.047	6.514 0.005 9.505 0.079	6.097 0.006 8.775 0.071	61.924 609 42 61.923 883 87	+15.162 843 28 +15.162 070 83	21.27 21.27	127.06 127.06	-22.75 -22.75	0.93 0.81 1.03 1.14 0.89 15.68 9.36 1.03 1.14 0.89	A 222.2 3.75												
04077-7552	1	F CA	A 19258 C 19258	9.974 0.006 10.208 0.008			61.920 349 45 61.920 201 76	-75.862 083 10 -75.861 912 70	5.48 5.48	101.82 101.82	123.39 123.39	2.18 3.72 2.31 2.34 5.06 4.72 5.25 2.31 2.34 5.06	A 348 0.627												
04078+6220	1	INB P	A 19272 B 19270	7.042 0.042 7.088 0.043	7.367 0.007 7.351 0.011	6.959 0.007 6.967 0.011	61.964 143 34 61.955 355 25	+62.330 107 52 +62.332 952 89	0.48 3.03	0.13 -1.06	-2.25 -5.54	10.24 12.51 7.69 7.54 9.40 4.52 5.16 5.60 5.26 6.42	A 304.89 17.91 -0.01 0.00												
04080+1720	1	F CB	A 19284 B 19284	6.061 0.006 9.859 0.176	7.945 0.011 10.587 0.099	6.101 0.007 9.706 0.073	61.997 547 52 61.996 818 01	+17.339 921 01 +17.341 012 56	9.46 9.46	7.66 7.66	-10.06 -10.06	1.07 0.77 1.06 1.16 0.87 39.62 33.01 1.06 1.16 0.87	A 327.5 4.66												
04083+1944	1	F CA	A 19308 B 19308	7.819 0.005 11.028 0.094	8.077 0.011	7.765 0.010	62.086 024 55 62.084 345 90	+19.737 656 27 +19.737 947 01	3.58 3.58	-9.44 -9.44	-4.37 -4.37	1.22 0.85 1.26 1.30 0.96 24.50 16.07 1.26 1.30 0.96	A 280.4 5.78												
04083-3251	1	F CA	B 19305 A 19305	8.210 0.006 8.225 0.006			62.071 493 93 62.071 582 43	-32.856 833 42 -32.857 133 94	7.68 7.68	11.30 11.30	14.81 14.81	1.29 1.59 1.49 1.22 1.55 1.74 2.75 1.49 1.22 1.55	B 166.1 1.114												
04085+0827	1	F CA	A 19328 B 19328	9.501 0.014 10.988 0.052	10.106 0.040	9.385 0.034	62.133 623 88 62.131 465 98	+8.444 888 32 +8.442 505 12	2.35 2.35	-13.87 -13.87	-12.72 -12.72	2.64 2.24 2.45 3.03 2.89 17.40 13.15 2.45 3.03 2.89	A 221.8 11.52												
04085+6224	1	F CA	A 19321 B 19321	10.045 0.016 11.118 0.042			62.115 964 34 62.116 068 35	+62.406 590 84 +62.406 462 33	-2.68 -2.68	0.15 0.15	0.27 0.27	2.52 3.22 3.55 2.84 3.52 9.68 10.58 3.55 2.84 3.52	A 159 0.49												
04086-0241	1	IND D	A 19342 B 19338	9.096 0.007 10.279 0.014	10.344 0.030 11.698 0.111	9.068 0.017 10.291 0.049	62.163 022 04 62.156 054 67	-2.687 366 89 -2.683 706 44	-0.95 4.32	7.25 16.92	-0.74 -0.18	2.50 1.71 2.31 3.09 2.56 8.69 6.05 5.64 7.94 6.44	A 297.74 28.31 +0.01 -0.01												
04086-4552	1	F CA	A 19331 B 19331	6.726 0.003 10.005 0.058	7.042 0.004	6.656 0.004	62.140 912 32 62.140 486 63	-45.864 857 07 -45.864 541 42	19.83 19.83	70.36 70.36	23.86 23.86	0.57 0.56 0.60 0.53 0.59 12.96 13.91 0.60 0.53 0.59	A 317 1.56												
04089+2306	1	F CA	A 19363 B 19363	7.654 0.007 7.758 0.007	7.894 0.011 7.970 0.014	7.557 0.010 7.665 0.016	62.222 899 69 62.222 686 58	+23.098 646 33 +23.097 201 42	4.08 4.08	17.33 17.33	-25.93 -25.93	2.22 1.61 2.06 2.30 1.91 4.20 3.06 2.06 2.30 1.91	A 187.7 5.249												
04089+4614	1	F CA	A 19366 S 19366	7.873 0.135 8.504 0.242			62.227 255 59 62.227 307 90	+46.227 821 24 +46.227 841 45	6.65 6.65	21.99 21.99	-34.88 -34.88	9.30 5.52 0.96 0.89 0.82 13.87 8.17 0.96 0.89 0.82	A 61 0.15												
04091+1046	1	F CA	A 19384 B 19384	7.856 0.007 9.617 0.034			62.282 470 91 62.282 314 09	+10.765 176 48 +10.765 203 15	2.99 2.99	28.73 28.73	-7.24 -7.24	2.30 1.72 1.81 2.34 2.24 9.59 8.29 1.81 2.34 2.24	A 280 0.56												
04091+2839	1	F CA	A 19385 B 19385	9.072 0.015 9.150 0.016			62.285 683 35 62.285 554 92	+28.643 051 37 +28.643 058 71	9.21 9.21	29.48 29.48	-71.18 -71.18	3.51 2.34 2.75 2.62 2.18 4.98 3.92 2.75 2.62 2.18	A 274 0.41												
04091-1317	1	F CC	A 19381 B 19381	9.275 0.016 12.577 0.331	10.584 0.043	9.239 0.023	62.278 965 84 62.275 840 59	-13.287 918 75 -13.288 518 01	4.04 4.04	-5.59 -5.59	4.03 4.03	2.45 2.05 2.63 2.91 2.64 66.87 64.97 2.63 2.91 2.64	A 258.9 11.16												
04092+4010	1	F CA	A 19389 B 19389	7.739 0.005 10.236 0.046	8.199 0.007 10.294 0.046	7.691 0.006 9.591 0.032	62.292 867 32 62.293 234 54	+40.161 551 16 +40.160 775 51	14.95 14.95	-25.28 -25.28	-127.04 -127.04	1.23 0.82 1.35 1.23 1.10 13.03 6.49 1.35 1.23 1.10	A 160.1 2.97												
04093-0756	1	F CA	A 19399 B 19399	7.851 0.059 8.215 0.082			62.335 345 24 62.335 301 57	-7.929 039 55 -7.929 014 08	6.46 6.46	-13.71 -13.71	-26.44 -26.44	6.03 5.50 1.15 1.15 1.07 7.17 7.08 1.15 1.15 1.07	A 300 0.181												
04098-5000	1	FND D	A 19442 B 19442	11.620 0.022 13.577 0.132			62.457 502 79 62.456 361 42	-50.000 342 67 -50.000 707 43	17.84 17.84	-45.55 -45.55	297.08 297.08	2.63 2.76 2.69 2.46 2.84 37.02 38.93 2.69 2.46 2.84	A 244 2.95												
04099+5828	1	F CC	A 19447 B 19447	9.582 0.008 13.073 0.186	9.861 0.020	9.552 0.024	62.471 741 85 62.472 724 76	+58.460 005 11 +58.459 828 18	2.98 2.98	-2.80 -2.80	-3.38 -3.38	1.83 1.60 1.99 1.88 1.83 50.59 49.52 1.99 1.88 1.83	A 109 1.96												
04100+8042	1	L CA	A 19461 B 19461	5.739 0.003 6.278 0.004			62.511 606 98 62.512 717 68	+80.698 674 09 +80.698 556 75	9.44 9.44	-11.57 -19.93	3.00 -7.62	0.85 0.85 0.86 0.73 0.85 1.80 2.11 0.86 1.05 1.25	A 123.2 0.772 +1.0 -0.001												
04101+2407	1	F CA	A 19464 B 19464	10.409 0.018 10.486 0.020	10.477 0.054	9.893 0.051	62.520 779 61 62.520 315 07	+24.114 940 16 +24.115 063 49	7.87 7.87	-6.84 -6.84	-15.40 -15.40	4.22 2.63 3.82 4.15 3.19 8.62 5.39 3.82 4.15 3.19	A 286.2 1.59												
04102+1722	1	F CA	A 19472 B 19472	9.456 0.014 10.934 0.056			62.557 509 40 62.557 444 29	+17.368 802 46 +17.368 881 80	29.88 29.88	414.43 414.43	-152.23 -152.23	3.19 2.36 2.67 2.50 1.74 13.39 11.05 2.67 2.50 1.74	A 322 0.36												
04105+5751	1	F CA	A 19488 B 19488	10.089 0.110 10.531 0.165			62.619 407 72 62.619 381 60	+57.851 336 82 +57.851 384 51	1.48 1.48	3.99 3.99	-16.10 -16.10	5.25 9.89 1.17 1.05 1.02 7.28 12.57 1.17 1.05 1.02	A 344 0.18												
04107+6430	1	F CA	A 19498 B 19498	9.157 0.010 11.640 0.090	9.839 0.023	9.076 0.019	62.670 132 12 62.670 714 50	+64.493 153 38 +64.492 531 54	3.57 3.57	-3.07 -3.07	-2.90 -2.90	1.61 1.79 2.21 1.80 2.13 24.92 23.56 2.21 1.80 2.13	A 158 2.41												
04108-4200	1	F CA	A 19515 B 19515	5.153 0.014 7.287 0.102			62.710 134 14 62.710 162 19	-41.993 748 26 -41.993 690 84	18.61 18.61	199.09 199.09	69.10 69.10	1.58 1.81 0.59 0.46 0.54 11.59 11.44 0.59 0.46 0.54	A 20 0.22												
04111-1826	1	F CA	A 19535 B 19535	8.349 0.007 10.217 0.036	8.767 0.019	8.284 0.018	62.771 854 10 62.773 063 97	-18.426 665 51 -18.426 774 90	10.41 10.41	33.76 33.76	-11.92 -11.92	1.51 1.37 1.56 1.86 1.70 10.48 11.89 1.56 1.86 1.70	A 95.4 4.15												
04112+5555	1	F CB	A 19551 B 19551	8.143 0.360 9.345 1.089			62.810 323 47 62.810 406 66	+55.910 525 48 +55.910 493 87	3.46 3.46	7.55 7.55	-5.85 -5.85	42.23 23.97 1.06 0.97 0.96 64.55 61.13 1.06 0.97 0.96	A 124 0.20												



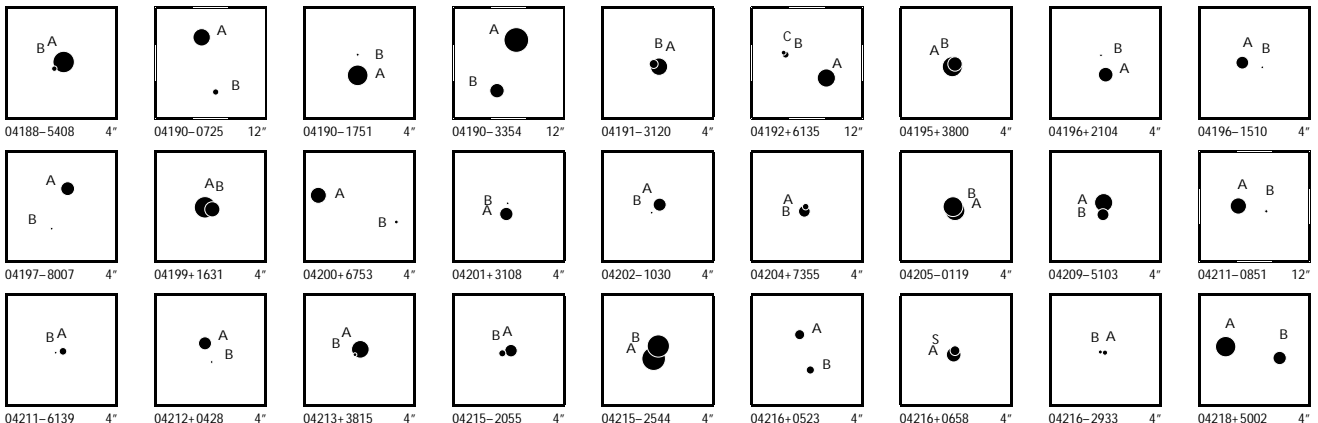
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04113+0219	1	F CA	A 19552 B 19552	9.406 0.006 11.628 0.044						62.819 964 21 62.819 713 57	+2.315 631 21 +2.315 661 18	7.73 7.73	-31.07 -19.33 -31.07 -19.33	1.95 1.25 1.88 2.42 1.95 17.70 11.30 1.88 2.42 1.95								A 277		0.91		
04114+6005	1	F CC	A 19557 B 19557	8.108 0.006 11.917 0.190	8.162 0.008	8.052 0.009				62.838 303 30 62.839 011 34	+60.082 230 81 +60.082 072 18	4.66 4.66	-5.67 -1.08 -5.67 -1.08	1.04 0.98 1.33 0.99 1.05 49.56 40.62 1.33 0.99 1.05								A 114		1.39		
04115+4152	1	F CA	B 19564 A 19564	9.405 0.008 9.459 0.008						62.862 507 41 62.862 260 70	+41.859 955 22 +41.859 770 91	3.24 3.24	12.71 -39.02 12.71 -39.02	3.11 2.26 2.45 2.91 2.81 4.26 2.91 2.45 2.91 2.81								B 224.9		0.937		
04117+3133	1	F CA	A 19576 B 19576	7.874 0.005 9.953 0.026						62.921 713 04 62.921 874 27	+31.550 734 48 +31.550 882 04	4.48 4.48	-2.20 -16.63 -2.20 -16.63	1.50 1.15 1.50 1.44 1.37 13.65 6.19 1.50 1.44 1.37								A 43		0.73		
04118+2559	1	F CA	A 19583 B 19583	9.067 0.008 10.780 0.041	9.497 0.020	8.930 0.019				62.953 932 96 62.954 055 37	+25.983 836 84 +25.983 511 06	11.51 11.51	12.27 15.09 12.27 15.09	2.11 1.43 2.18 2.17 1.95 16.70 10.51 2.18 2.17 1.95								A 161		1.24		
04119+2338	1	F CB	A 19591 B 19591	9.683 0.144 11.786 0.997						62.983 890 18 62.983 907 07	+23.636 463 66 +23.636 422 74	27.21 27.21	137.76 -54.42 137.76 -54.42	6.36 8.40 2.11 2.28 1.74 84.95 71.58 2.11 2.28 1.74								A 159		0.16		
04122+0044	1	F CA	A 19611 B 19611	6.728 0.003 10.165 0.062	7.713 0.008	6.662 0.006	10.849 0.065	10.047 0.046		63.038 670 12 63.036 056 49	+0.735 555 65 +0.737 154 85	7.00 7.00	-10.23 15.28 -10.23 15.28	1.05 0.70 1.02 1.15 1.12 24.08 12.53 1.02 1.15 1.12								A 301.5		11.03		
04124+2334	1	F CA	A 19634 B 19634	7.449 0.003 9.722 0.019						63.104 218 44 63.104 527 60	+23.574 633 62 +23.574 622 85	6.19 6.19	-15.79 -25.53 -15.79 -25.53	1.07 0.72 1.13 1.14 0.89 8.13 5.51 1.13 1.14 0.89								A 92.2		1.02		
04128+5346	1	L CA	A 19660 B 19660	10.278 0.011 11.030 0.022	10.740 0.053	9.983 0.044				63.188 397 39 63.188 611 75	+53.772 143 99 +53.771 778 55	2.07 2.07	6.68 -25.80 -14.35 -25.52	2.91 2.04 2.88 3.26 2.43 9.43 7.20 2.88 9.24 7.19								A 160.9	1.39	+0.8	-0.01	
04129-1107	1	F CB	A 19678 B 19678	8.940 0.049 11.789 0.680						63.234 674 18 63.234 659 56	-11.123 082 30 -11.123 025 62	3.56 3.56	9.62 -2.01 9.62 -2.01	2.70 6.56 1.60 1.94 1.59 34.93 55.75 1.60 1.94 1.59								A 346		0.21		
04130-2832	1	L CA	A 19684 B 19684	8.257 0.005 8.369 0.006	8.593 0.016	8.079 0.012	8.739 0.017	8.209 0.014		63.251 970 64 63.252 377 02	-28.540 751 93 -28.540 448 07	17.62 17.62	84.45 42.75 78.33 27.70	1.29 1.56 1.79 1.05 1.54 2.24 3.20 1.79 1.86 2.54								A 49.6	1.688	+0.3	-0.014	
04131+4754	1	F CC	A 19691 B 19691	8.907 0.166 10.614 0.801						63.268 477 47 63.268 398 69	+47.907 584 63 +47.907 552 14	-0.01 -0.01	-1.91 -8.30 -1.91 -8.30	20.55 11.51 1.22 1.31 1.04 49.61 24.81 1.22 1.31 1.04								A 238		0.22		
04132+2258	1	F CA	A 19702 B 19702	9.815 0.048 10.048 0.060						63.308 318 49 63.308 367 43	+22.958 790 41 +22.958 846 60	2.83 2.83	1.23 -12.80 1.23 -12.80	6.74 4.98 1.95 1.97 1.63 10.87 6.61 1.95 1.97 1.63								A 39		0.26		
04134+0252	1	F CA	A 19712 B 19712	8.904 0.007 9.215 0.009	9.216 0.021	8.666 0.020	9.739 0.052	9.039 0.046		63.346 016 76 63.346 583 18	+2.868 820 67 +2.869 497 57	10.29 10.29	-21.20 -23.06 -21.20 -23.06	2.51 2.05 2.79 2.84 2.41 4.09 3.44 2.79 2.84 2.41								A 39.9		3.176		
04134+1335	1	F CA	A 19709 B 19709	10.819 0.024 11.230 0.035						63.344 008 71 63.343 850 05	+13.578 672 25 +13.578 942 66	4.69 4.69	-10.30 -11.53 -10.30 -11.53	7.00 6.30 6.13 8.65 7.76 16.05 12.45 6.13 8.65 7.76								A 330		1.12		
04134+2907	1	F CB	A 19715 B 19715	8.369 0.246 8.919 0.408						63.351 854 26 63.351 848 20	+29.122 934 94 +29.122 966 25	1.91 1.91	8.15 -12.67 8.15 -12.67	8.91 15.31 1.00 1.15 0.83 14.97 17.93 1.00 1.15 0.83								A 350		0.11		
04134+6556	1	F ND	A 19710 B 19710	8.062 0.022 11.619 0.570						63.346 293 32 63.346 198 33	+65.935 536 61 +65.935 487 88	5.35 5.35	11.48 -23.08 11.48 -23.08	1.27 1.49 1.45 0.86 1.15 61.59 72.85 1.45 0.86 1.15								A 218		0.22		
04139+0916	1	F CA	A 19740 B 19740	5.116 0.005 7.369 0.036	5.944 0.017	4.978 0.007				63.484 962 28 63.484 859 03	+9.263 898 44 +9.264 227 98	8.78 8.78	-9.42 -30.60 -9.42 -30.60	1.15 1.01 1.39 1.57 1.25 15.67 11.23 1.39 1.57 1.25								A 343		1.24		
04140+4235	1	L CA	A 19744 B 19744	8.611 0.005 9.858 0.016						63.495 818 68 63.496 070 98	+42.582 462 58 +42.582 469 33	7.30 7.30	-1.38 -6.66 -0.16 6.80	1.69 1.19 1.72 1.56 1.39 5.86 3.88 1.72 3.91 3.56								A 87.9	0.669	-1.1	+0.002	
04142-4608	1	L CA	B 19758 A 19758	7.186 0.010 8.475 0.034						63.539 764 65 63.539 858 82	-46.132 205 60 -46.132 239 53	22.27 22.27	160.73 -84.42 157.95 -116.60	1.66 1.74 0.64 0.87 1.27 5.22 6.17 0.64 2.44 4.05								B 117	0.265	+6	+0.012	
04144+0140	1	F CA	A 19779 B 19779	7.885 0.049 8.882 0.123						63.604 591 07 63.604 650 65	+1.659 329 52 +1.659 331 93	2.10 2.10	-6.09 -16.61 -6.09 -16.61	5.67 2.27 1.09 1.18 1.01 11.23 6.34 1.09 1.18 1.01								A 88		0.21		
04144-1016	1	F CA	A 19777 B 19777	5.074 0.003 8.683 0.075	6.416 0.004	5.027 0.002	9.423 0.035	8.526 0.027		63.598 721 49 63.599 768 99	-10.255 888 90 -10.257 338 77	15.80 15.80	-7.61 -162.11 -7.61 -162.11	0.81 0.65 0.95 0.84 0.87 18.64 17.91 0.95 0.84 0.87								A 144.6		6.40		
04148-4045	1	F CA	A 19806 B 19806	9.695 0.009 10.994 0.028						63.705 963 96 63.706 047 30	-40.754 677 10 -40.754 828 39	7.91 7.91	47.06 33.44 47.06 33.44	1.82 2.03 2.05 1.85 1.89 7.87 7.08 2.05 1.85 1.89								A 157		0.59		
04151-3004	1	I CA	A 19827 B 19828	7.791 0.005 10.002 0.034	7.819 0.007	7.767 0.008	10.055 0.028	9.678 0.031		63.775 287 88 63.776 309 46	-30.071 953 70 -30.074 867 75	6.52 6.05	20.39 -3.01 19.95 9.53	1.07 1.27 1.35 1.10 1.48 7.88 10.70 6.22 5.94 8.34								A 163.12	10.96	-0.02	-0.01	
04152+5115	1	F CA	A 19833 B 19833	10.167 0.044 10.946 0.089						63.790 653 31 63.790 527 57	+51.246 971 15 +51.246 947 85	1.83 1.83	4.80 -2.49 4.80 -2.49	6.26 2.84 2.17 2.39 1.71 13.83 7.43 2.17 2.39 1.71								A 254		0.30		
04152-3712	1	F CA	A 19836 B 19836	6.865 0.009 10.066 0.165						63.796 141 60 63.796 249 99	-37.196 900 64 -37.196 901 09	6.01 6.01	-20.53 2.59 -20.53 2.59	1.84 0.92 0.74 0.63 0.70 16.89 17.47 0.74 0.63 0.70								A 90		0.31		
04154+2405	1	F CA	A 19853 B 19853	8.201 0.078 8.546 0.107						63.850 514 61 63.850 505 49	+24.078 464 78 +24.078 513 69	3.79 3.79	3.73 -3.24 3.73 -3.24	5.45 7.86 1.05 1.11 0.88 7.35 8.68 1.05 1.11 0.88								A 350		0.18		



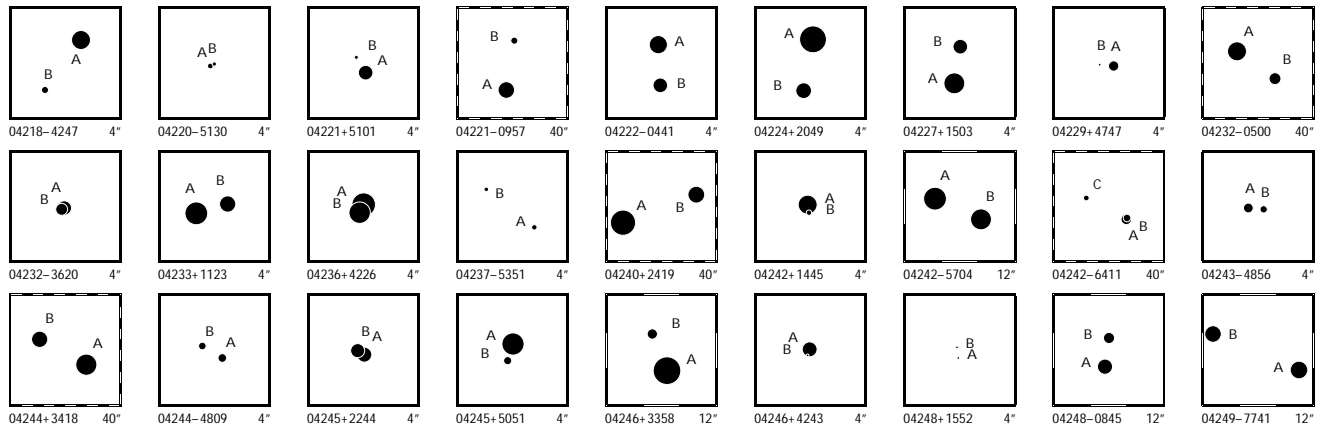
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04157+4524	1	L CA	A 19874 B 19874	8.864 0.006 8.965 0.007	9.312 0.018 9.594 0.026	8.592 0.015 8.808 0.021	63.937 271 77 63.935 955 32	+45.394 299 97 +45.393 163 22	10.53 10.53	126.84 -203.64 140.12 -207.93	2.58 1.77 2.84 2.41 1.87 5.42 3.47 2.84 4.57 3.14	A 219.12 5.275 -0.14 -0.005													
04159+3142	1	F CA	A 19883 B 19883	8.187 0.004 8.221 0.004			63.982 187 32 63.981 969 72	+31.693 193 70 +31.693 222 42	10.08 10.08	5.84 -50.17 5.84 -50.17	3.09 1.91 2.94 3.86 2.67 3.98 2.61 2.94 3.86 2.67	A 278.8 0.675													
04159-3159	1	F ND D	A 19885 B 19885	8.776 0.005 13.051 0.253			63.984 707 13 63.984 752 04	-31.988 187 43 -31.988 394 69	10.03 10.03	23.88 39.80 23.88 39.80	0.86 1.05 1.16 0.86 1.22 63.73 76.18 1.16 0.86 1.22	A 170 0.76													
04160+0027	1	F CA	A 19892 B 19892	7.366 0.004 9.288 0.021	7.373 0.010 9.354 0.067	7.319 0.010 8.932 0.071	64.005 933 15 64.006 071 70	+0.453 951 18 +0.454 857 19	6.14 6.14	24.25 -22.07 24.25 -22.07	1.25 0.88 1.26 1.18 0.95 6.93 4.71 1.26 1.18 0.95	A 8.7 3.300													
04160+3002	1	F CA	A 19895 B 19895	7.885 0.004 10.362 0.031	8.427 0.013	7.810 0.012	64.008 848 71 64.008 198 72	+30.035 902 80 +30.035 669 09	6.40 6.40	-2.55 -53.44 -2.55 -53.44	1.30 0.85 1.33 1.42 1.03 13.59 8.45 1.33 1.42 1.03	A 247.4 2.19													
04160-2400	1	F CB	A 19889 B 19889	8.745 0.006 12.313 0.163	9.116 0.009	8.695 0.009	63.993 955 69 63.993 108 20	-24.008 301 77 -24.009 004 34	9.70 9.70	44.42 49.91 44.42 49.91	0.83 1.15 1.64 0.92 1.39 34.35 40.38 1.64 0.92 1.39	A 228 3.76													
04163+6107	1	F ND D	A 19916 B 19916	9.638 0.011 12.709 0.184	9.858 0.018	9.609 0.022	64.086 232 34 64.086 232 34	+61.111 849 35 +61.112 401 97	1.44 1.44	-2.88 -4.39 -2.88 -4.39	1.31 1.52 2.05 1.40 1.97 36.11 38.35 2.05 1.40 1.97	A 341 2.11													
04163-6057	1	L CA	A 19917 B 19917	6.832 0.008 7.547 0.016			64.087 178 14 64.087 326 39	-60.948 542 91 -60.948 590 93	8.41 8.41	43.73 25.01 29.80 16.15	1.29 1.14 0.53 0.72 0.81 2.47 2.50 0.53 1.33 1.63	A 123.7 0.312 +2.8 -0.007													
04166-1005	1	F CA	A 19938 B 19938	7.550 0.007 11.385 0.226	7.707 0.009	7.498 0.009	64.149 872 02 64.149 419 45	-10.085 836 06 -10.084 144 60	4.83 4.83	14.13 31.35 14.13 31.35	1.18 1.00 1.34 1.32 1.45 29.21 29.98 1.34 1.32 1.45	A 345.2 6.30													
04167-1233	1	F CB	A 19948 B 19948	11.290 0.033 12.393 0.090			64.173 833 94 64.174 520 75	-12.556 918 53 -12.556 910 78	47.05 47.05	-74.96 211.24 -74.96 211.24	5.49 5.77 6.24 6.67 6.43 18.02 19.91 6.24 6.67 6.43	A 89.3 2.41													
04167-4418	1	F CA	A 19951 B 19951	9.700 0.008 10.057 0.010	9.837 0.033 10.097 0.048	9.317 0.023 9.539 0.039	64.186 125 69 64.185 969 93	-44.293 824 24 -44.293 272 96	7.11 7.11	12.42 -2.51 12.42 -2.51	1.78 2.20 2.04 1.61 2.24 3.81 3.85 2.04 1.61 2.24	A 348.6 2.025													
04170+1941	1	L CA	A 19975 B 19975	7.645 0.006 8.443 0.013			64.255 085 95 64.255 105 82	+19.675 935 42 +19.676 058 56	10.42 10.42	3.48 -103.10 1.53 -92.27	1.73 1.42 1.44 1.50 1.26 3.82 2.87 1.44 2.95 2.25	A 8.6 0.448 -0.5 +0.010													
04174+6235	1	F CA	A 20008 B 20008	8.497 0.009 11.365 0.119	8.979 0.012	8.410 0.011	64.347 287 42 64.352 058 69	+62.589 349 07 +62.588 150 33	7.69 7.69	3.40 -29.50 3.40 -29.50	1.41 1.67 2.01 1.75 2.17 27.70 25.46 2.01 1.75 2.17	A 118.6 9.01													
04177-3558	1	F CA	A 20024 B 20024	10.158 0.011 11.872 0.052			64.421 236 54 64.420 888 37	-35.967 002 81 -35.966 944 22	13.23 13.23	43.82 53.13 43.82 53.13	1.62 1.88 2.03 1.71 2.18 12.03 13.08 2.03 1.71 2.18	A 282 1.04													
04177-6315	1	L CA	A 20020 B 20020	6.047 0.003 7.845 0.013	5.930 0.004 7.811 0.011	6.028 0.006 7.671 0.012	64.417 771 99 64.417 902 29	-63.255 491 71 -63.254 345 05	7.05 7.05	5.48 35.53 5.02 28.29	0.66 0.61 0.58 0.51 0.60 4.04 4.13 0.58 1.68 2.17	A 2.93 4.133 0.00 -0.007													
04179+5847	1	L CA	A 20046 B 20046	7.667 0.004 8.165 0.007			64.482 125 42 64.482 378 62	+58.790 765 22 +58.790 749 59	7.55 7.55	-10.26 -2.39 -12.19 1.36	1.18 0.96 1.15 1.02 0.93 1.95 1.72 1.15 1.29 1.20	A 96.8 0.476 -0.4 -0.002													
04180+8014	1	F CA	A 20055 B 20055	10.277 0.013 12.566 0.101	11.330 0.056 10.177 0.032		64.504 572 43 64.523 681 73	+80.236 807 34 +80.235 273 84	1.85 1.85	24.58 -26.38 24.58 -26.38	1.97 2.27 2.49 1.75 2.51 33.49 44.16 2.49 1.75 2.51	A 115.3 12.91													
04180-3826	1	L CA	A 20048 B 20048	9.388 0.158 10.372 0.391			64.493 166 33 64.493 129 22	-38.428 887 57 -38.428 911 61	25.63 25.63	-106.33 -74.20 -87.45 -40.71	9.36 8.15 0.98 3.55 5.58 20.73 20.14 0.98 9.85 12.46	A 230 0.14 +6 -0.04													
04182+2248	1	F CA	A 20071 B 20071	8.341 0.015 8.541 0.017			64.560 613 10 64.560 719 35	+22.806 903 72 +22.806 952 43	7.19 7.19	-9.80 -26.31 -9.80 -26.31	3.23 1.99 2.47 2.72 2.04 5.11 3.07 2.47 2.72 2.04	A 64 0.394													
04182+6155	1	F CC	A 20066 B 20066	7.707 0.007 11.461 0.198	7.668 0.007	7.672 0.008	64.545 931 99 64.548 364 80	+61.912 563 35 +61.915 568 48	4.11 4.11	-3.27 3.66 -3.27 3.66	0.93 0.96 1.24 1.06 1.19 45.47 42.56 1.24 1.06 1.19	A 20.9 11.58													
04184+3735	1	F CA	A 20085 B 20085	8.578 0.006 11.556 0.088	8.876 0.013 12.976 0.828	8.508 0.014 11.514 0.380	64.590 581 74 64.591 634 31	+37.577 208 24 +37.578 501 01	6.69 6.69	3.45 -2.79 3.45 -2.79	1.34 0.95 1.38 1.68 1.18 18.02 11.41 1.38 1.68 1.18	A 32.8 5.54													
04186+6030	1	L CA	A 20105 B 20105	8.080 0.007 8.244 0.009			64.649 208 84 64.649 207 81	+60.493 876 11 +60.493 764 47	4.72 4.72	16.65 -12.98 15.25 -7.40	1.59 1.82 1.77 1.27 1.44 2.69 2.72 1.77 1.56 1.71	A 180.3 0.402 +0.2 -0.006													
04186-4835	1	F CA	A 20107 B 20107	8.664 0.116 9.707 0.303			64.659 813 72 64.659 776 90	-48.590 759 42 -48.590 724 49	2.47 2.47	-2.55 14.90 -2.55 14.90	4.80 6.82 0.77 0.74 0.80 14.56 19.02 0.77 0.74 0.80	A 325 0.15													
04187+0445	1	F CA	A 20111 B 20111	9.024 0.008 11.207 0.054			64.674 237 82 64.674 035 55	+4.750 739 13 +4.750 793 05	4.17 4.17	16.37 -18.45 16.37 -18.45	2.09 1.62 2.12 2.77 2.09 17.48 16.81 2.12 2.77 2.09	A 285 0.75													
04187-4639	1	F CA	A 20112 B 20112	10.278 0.011 11.150 0.023			64.677 920 73 64.677 684 33	-46.648 653 51 -46.648 893 28	0.69 0.69	7.16 9.89 7.16 9.89	1.95 2.10 2.11 1.91 1.94 7.29 6.77 2.11 1.91 1.94	A 214.1 1.04													
04187-5252	1	F CA	A 20109 B 20109	6.273 0.002 8.948 0.022			64.666 586 53 64.666 926 78	-52.860 274 88 -52.860 356 20	13.49 13.49	45.84 73.10 45.84 73.10	0.53 0.51 0.52 0.53 0.52 5.76 6.32 0.52 0.53 0.52	A 111.6 0.80													
04188-1144	1	F CA	A 20115 B 20115	9.348 0.077 9.860 0.123			64.697 912 77 64.697 883 19	-11.737 070 52 -11.737 016 93	6.10 6.10	6.11 -0.76 6.11 -0.76	4.95 8.30 1.79 1.57 1.66 7.34 11.32 1.79 1.57 1.66	A 332 0.22													



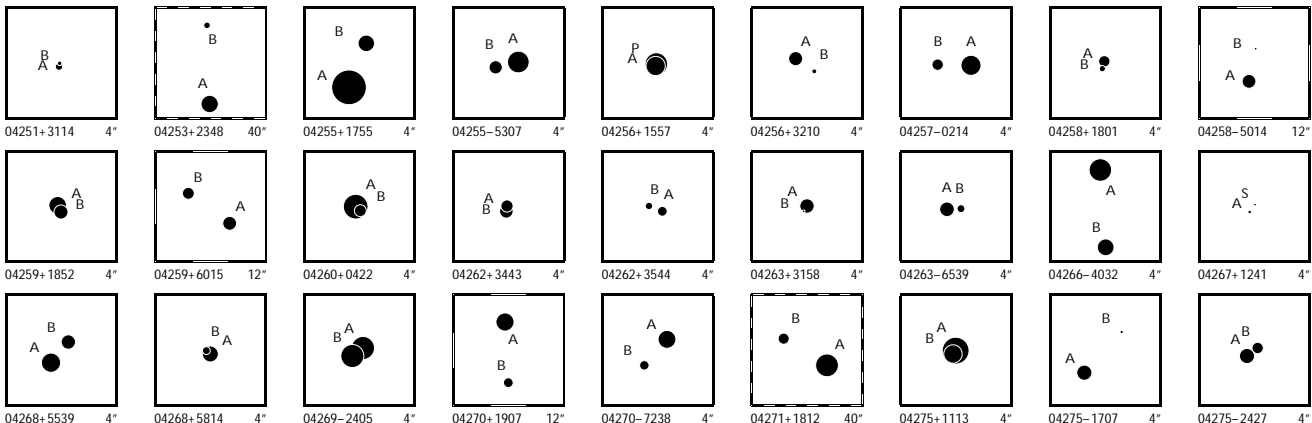
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04188-5408	1	F C B	A 20117 B 20117	7.246 0.006 10.817 0.155							64.700 608 10 64.700 771 51	-54.135 540 12 -54.135 605 81	8.56 8.56	-15.90 -15.90	19.61 19.61	1.30 1.07 0.76 28.26 30.64 0.76	0.83 0.82 0.83 0.82					A 124	0.42		
04190-0725	1	F C A	A 20137 B 20137	8.184 0.005 10.638 0.044	8.483 0.011 11.225 0.120	8.141 0.011 10.384 0.083					64.761 276 83 64.760 818 59	-7.423 207 26 -7.424 875 48	5.90 5.90	-13.60 -13.60	37.35 37.35	1.19 0.99 1.33 13.80 10.52 1.33	1.60 1.58 1.60 1.58					A 195.2	6.22		
04190-1751	1	F C B	A 20134 B 20134	7.461 0.003 11.329 0.095							64.754 028 58 64.754 033 69	-17.850 915 70 -17.850 702 36	1.98 1.98	9.29 9.29	5.68 5.68	0.94 0.76 1.05 33.72 21.72 1.05	0.97 1.02 0.97 1.02					A 1	0.77		
04190-3354	1	F C A	A 20138 B 20138	6.531 0.002 8.833 0.028	6.618 0.007 9.234 0.036	6.507 0.008 8.727 0.029					64.762 040 95 64.762 756 32	-33.904 627 85 -33.906 177 86	8.61 8.61	-2.11 -2.11	4.53 4.53	0.50 0.60 0.68 3.70 5.58 0.68	0.55 0.71 0.55 0.71					A 159.04	5.98		
04191-3120	1	F C A	A 20140 B 20140	8.175 0.027 10.043 0.153							64.768 689 53 64.768 752 14	-31.327 239 22 -31.327 215 32	3.39 3.39	-3.83 -3.83	62.30 62.30	3.08 2.27 0.90 11.90 12.07 0.90	0.65 0.81 0.65 0.81					A 66	0.21		
04192+6135	1	F N C G	A 20157 B 20157 C 20157	7.981 0.010 10.489 0.124 10.899 0.178	8.156 0.008 7.917 0.010						64.807 392 62 64.810 014 18 64.810 178 05	+61.584 012 58 +61.584 730 81 +61.584 788 17	6.94 6.94 6.94	-6.30 -6.30 -6.30	-16.36 -16.36 -16.36	0.94 0.97 1.34 18.61 16.46 1.34 26.99 23.31 1.34	0.96 1.12 0.96 1.12 0.96 1.12					A 60.1 B 54	5.18 0.35		
04195+3800	1	F C A	A 20176 B 20176	7.568 0.090 8.819 0.285							64.876 019 20 64.875 981 72	+37.998 400 20 +37.998 424 45	13.35 13.35	-27.36 -27.36	-9.12 -9.12	5.31 3.64 0.89 15.30 13.36 0.89	0.87 0.70 0.87 0.70					A 309	0.14		
04196+2104	1	F C B	A 20181 B 20181	8.774 0.015 12.282 0.375							64.890 411 08 64.890 468 41	+21.065 181 83 +21.065 387 98	7.72 7.72	2.28 2.28	-15.94 -15.94	2.10 1.34 2.01 45.42 25.32 2.01	2.05 1.63 2.05 1.63					A 15	0.77		
04196-1510	1	F C A	A 20183 B 20183	9.182 0.007 11.586 0.057							64.891 984 04 64.891 776 60	-15.169 933 55 -15.169 983 97	3.97 3.97	-5.75 -5.75	0.01 0.01	1.80 1.45 1.80 17.34 12.88 1.80	2.24 1.80 2.24 1.80					A 256	0.74		
04197-8007	1	F C C	A 20195 B 20195	8.942 0.015 12.346 0.336	9.431 0.019 8.850 0.017						64.928 293 15 64.929 287 55	-80.120 134 36 -80.120 536 89	3.61 3.61	-5.72 -5.72	9.60 9.60	1.77 2.00 1.87 41.61 41.83 1.87	2.01 2.27 2.01 2.27					A 157	1.57		
04199+1631	1	L C A	A 20215 B 20215	7.259 0.026 8.623 0.092							64.978 287 59 64.978 203 83	+16.522 682 02 +16.522 661 25	23.27 23.27	126.86 101.64	-42.40 -16.46	4.37 1.96 1.14 13.74 7.48 1.14	2.38 1.86 8.58 6.42					A 255	0.30 +6	+0.02	
04200+6753	1	F C A	A 20221 B 20221	8.485 0.004 11.136 0.045	9.001 0.012 12.087 0.343	8.414 0.011 11.108 0.257					64.996 037 24 64.993 909 85	+67.880 327 31 +67.880 051 66	12.01 12.01	0.38 0.38	19.00 19.00	0.77 0.99 1.30 9.21 14.23 1.30	0.87 1.14 0.87 1.14					A 251.0	3.05		
04201+3108	1	F N D D	A 20227 B 20227	9.047 0.013 12.976 0.467							65.026 108 34 65.026 091 79	+31.141 086 05 +31.141 193 92	16.93 16.93	91.05 91.05	-193.51 -193.51	1.83 1.55 1.81 98.89 94.32 1.81	2.13 1.62 2.13 1.62					A 353	0.39		
04202-1030	1	F N D D	A 20236 B 20236	9.122 0.009 13.002 0.300							65.053 241 69 65.053 325 43	-10.501 826 98 -10.501 913 38	9.56 9.56	-21.28 -21.28	-41.61 -41.61	1.58 1.48 1.74 72.37 68.77 1.74	1.65 1.59 1.65 1.59					A 136	0.43		
04204+7355	1	F C A	B 20254 A 20254	9.433 0.104 10.557 0.292							65.102 894 78 65.102 875 27	+73.918 026 16 +73.918 077 46	1.86 1.86	10.39 10.39	-13.77 -13.77	3.87 9.58 1.10 10.95 24.36 1.10	0.76 1.09 0.76 1.09					B 354	0.19		
04205-0119	1	L C A	A 20257 B 20257	7.591 0.070 7.633 0.073							65.120 459 28 65.120 479 90	-1.316 343 43 -1.316 295 66	11.25 11.25	-10.78 -19.11	-32.54 -21.80	5.43 6.02 1.04 6.11 7.16 1.04	3.90 1.59 4.04 1.62					A 23	0.187 -4	+0.007	
04209-5103	1	F C A	A 20292 B 20292	7.993 0.005 9.385 0.018							65.231 892 48 65.231 903 51	-51.044 415 43 -51.044 539 62	4.84 4.84	6.68 6.68	14.80 14.80	1.05 1.30 0.90 5.11 4.78 0.90	0.78 1.07 0.78 1.07					A 177	0.448		
04211-0851	1	F C A	A 20310 B 20310	8.398 0.007 11.307 0.099	8.791 0.025 8.356 0.025						65.267 053 66 65.266 169 07	-8.851 956 58 -8.852 114 99	3.75 3.75	-7.30 -7.30	2.40 2.40	1.58 1.33 1.77 26.01 21.37 1.77	1.97 1.88 1.97 1.88					A 259.7	3.20		
04211-6139	1	F C A	A 20317 B 20317	10.296 0.033 11.457 0.097							65.284 844 71 65.285 003 34	-61.647 503 85 -61.647 518 23	4.53 4.53	-10.86 -10.86	7.93 7.93	4.86 2.79 1.24 13.74 10.78 1.24	1.27 1.33 1.27 1.33					A 101	0.28		
04212+0428	1	F C B	A 20321 B 20321	9.092 0.013 12.106 0.191							65.302 010 26 65.301 948 05	+4.465 438 08 +4.465 243 91	1.42 1.42	0.17 0.17	-18.09 -18.09	2.51 1.73 2.37 50.36 35.10 2.37	2.90 2.03 2.90 2.03					A 198	0.73		
04213+3815	1	F C B	A 20326 B 20326	8.118 0.021 11.168 0.340							65.319 383 25 65.319 442 52	+38.244 326 51 +38.244 271 84	10.76 10.76	-9.28 -9.28	-17.81 -17.81	3.06 2.71 1.26 31.30 25.51 1.26	1.36 1.12 1.36 1.12					A 140	0.26		
04215-2055	1	F C A	A 20342 B 20342	9.216 0.025 10.455 0.079							65.369 498 11 65.369 589 54	-20.915 410 53 -20.915 436 84	27.46 27.46	190.51 190.51	130.36 130.36	4.36 3.10 1.87 10.47 10.90 1.87	1.33 1.36 1.33 1.36					A 107	0.32		
04215-2544	1	L C A	A 20347 B 20347	6.799 0.004 7.054 0.006							65.380 380 46 65.380 328 60	-25.728 457 17 -25.728 328 01	18.40 18.40	37.06 66.05	-50.38 -58.65	0.85 1.16 1.16 1.57 1.89 1.16	0.68 0.93 0.92 1.11					A 340.1	0.494 +2.8	-0.018	
04216+0523	1	F C A	A 20361 B 20361	9.782 0.010 10.185 0.014	9.915 0.036 9.514 0.039						65.408 491 94 65.408 383 23	+5.389 176 23 +5.388 808 22	6.31 6.31	3.50 3.50	4.17 4.17	4.11 2.57 3.13 7.25 7.48 3.13	4.64 2.67 4.64 2.67					A 196.4	1.38		
04216+0658	1	F C A	A 20356 S 20356	8.738 0.093 9.814 0.251							65.392 374 07 65.392 359 71	+6.974 292 36 +6.974 332 78	4.59 4.59	-0.80 -0.80	-10.58 -10.58	3.21 7.06 1.12 9.39 15.58 1.12	1.31 1.09 1.31 1.09					A 341	0.15		
04216-2933	1	F C A	A 20355 B 20355	10.836 0.199 11.071 0.247							65.390 254 43 65.390 308 68	-29.554 835 58 -29.554 835 50	0.96 0.96	17.47 17.47	27.62 27.62	16.49 15.63 1.74 21.21 19.39 1.74	1.08 1.77 1.08 1.77					A 90	0.17		
04218+5002	1	F C A	A 20370 B 20370	7.509 0.008 9.081 0.032	8.795 0.014 7.339 0.008						65.439 463 59 65.438 604 58	+50.035 188 08 +50.035 076 35	2.15 2.15	5.05 5.05	-7.14 -7.14	1.66 1.14 1.90 8.63 5.91 1.90	1.99 1.38 1.99 1.38					A 258.6	2.03		



System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04218-4247	1	F CA	A 20374 B 20374	7.828 0.004 10.428 0.040	8.947 0.011 10.263 0.060	7.768 0.007 9.711 0.071	65.444 405 18 65.444 917 12	-42.788 049 24 -42.788 562 25	5.38 5.38	21.20 21.20	77.71 77.71	0.72 0.80 0.85 7.46 8.97 0.85	0.70 0.76 0.70 0.76	A 143.8 2.29											
04220-5130	1	F CA	A 20396 B 20396	10.730 0.131 11.058 0.177			65.502 781 08 65.502 707 04	-51.493 180 06 -51.493 163 28	4.47 4.47	-9.51 -9.51	-12.82 -12.82	10.48 9.85 1.10 14.65 12.61 1.10	1.05 1.10 1.05 1.10	A 290 0.18											
04221+5101	1	F CA	A 20403 B 20403	8.770 0.005 11.124 0.041			65.524 919 69 65.525 081 86	+51.016 914 25 +51.017 070 74	5.21 5.21	18.02 18.02	-28.91 -28.91	1.80 1.37 2.18 21.00 11.62 2.18	1.75 1.54 1.75 1.54	A 33 0.67											
04221-0957	1	F CA	A 20401 B 20401	8.351 0.014 10.469 0.086	10.052 0.026 12.170 0.223	8.349 0.012 10.788 0.095	65.515 367 31 65.514 554 69	-9.951 812 46 -9.946 792 79	4.51 4.51	-11.86 -11.86	-36.76 -36.76	1.45 1.32 1.86 21.57 17.22 1.86	1.65 1.52 1.65 1.52	A 350.9 18.30											
04222-0441	1	L CA	A 20407 B 20407	7.986 0.007 8.759 0.014			65.542 562 35 65.542 536 26	-4.676 950 89 -4.677 370 13	9.08 9.08	7.59 -10.27	2.48 0.71	2.29 1.55 1.95 6.01 6.40 1.95	2.65 2.98 4.77 5.66	A 183.5 1.51 +0.7 0.00											
04224+2049	1	F CA	A 20417 B 20417	6.050 0.005 8.539 0.042			65.594 712 74 65.594 820 17	+20.821 418 42 +20.820 893 80	1.86 1.86	-1.99 -1.99	-1.04 -1.04	1.15 0.80 1.13 14.05 10.40 1.13	1.18 0.96 1.18 0.96	A 169.2 1.92											
04227+1503	1	F CA	A 20440 B 20440	7.354 0.022 8.766 0.079	7.760 0.020 7.172 0.018		65.683 765 13 65.683 698 10	+15.056 139 81 +15.058 507 08	21.45 21.45	111.98 111.98	-19.88 -19.88	2.62 1.65 2.76 9.38 7.21 2.76	2.43 1.97 2.43 1.97	A 350.0 1.34											
04229+4747	1	F CB	A 20450 B 20450	9.697 0.013 12.844 0.228			65.722 235 06 65.722 440 42	+47.776 280 03 +47.776 293 47	0.27 0.27	-1.66 -1.66	-1.96 -1.96	2.94 1.70 2.38 69.00 35.53 2.38	2.40 2.00 2.40 2.00	A 84 0.50											
04232-0500	1	L FD	A 20471 B 20469	7.785 0.015 9.343 0.053	9.261 0.035 10.261 0.052	7.773 0.019 9.579 0.044	65.812 547 18 65.808 584 50	-5.005 650 75 -5.008 415 22	1.95 1.95	37.11 101.21	-19.27 -19.67	2.73 2.11 2.39 34.15 25.85 2.39	3.46 3.57 29.84 25.41	A 235.0 17.35 -0.1 -0.05											
04232-3620	1	F CB	A 20470 B 20470	8.830 0.412 9.365 0.674			65.809 315 52 65.809 344 23	-36.332 958 03 -36.332 979 78	11.90 11.90	38.59 38.59	51.31 51.31	18.42 15.13 0.87 22.21 32.62 0.87	0.74 0.88 0.74 0.88	A 133 0.11											
04233+1123	1	F CA	A 20472 B 20472	6.986 0.007 8.370 0.025	6.989 0.012 6.775 0.014		65.820 134 76 65.819 807 84	+11.378 007 31 +11.378 102 07	13.23 13.23	25.85 25.85	-35.07 -35.07	1.37 1.06 1.34 8.09 6.18 1.34	1.53 1.16 1.53 1.16	A 286.5 1.20											
04236+4226	1	F CA	A 20498 B 20498	6.763 0.006 7.281 0.010			65.899 163 21 65.899 218 59	+42.427 992 19 +42.427 905 44	5.90 5.90	21.03 21.03	-34.14 -34.14	1.18 1.05 0.85 2.36 1.63 0.85	0.82 0.69 0.82 0.69	A 154.8 0.345											
04237-5351	1	F CA	A 20504 B 20504	10.790 0.013 10.967 0.015	10.598 0.055 10.496 0.061	9.965 0.042 9.897 0.050	65.915 769 85 65.916 609 16	-53.851 113 01 -53.850 724 73	3.38 3.38	-19.57 -19.57	1.40 1.40	2.37 2.67 2.39 5.45 5.04 2.39	2.93 3.24 2.93 3.24	A 51.9 2.27											
04240+2419	1	IND	A 20533 B 20531	6.400 0.006 8.273 0.025	6.539 0.007 8.490 0.016	6.350 0.006 8.128 0.017	65.998 995 68 65.990 698 69	+24.301 023 25 +24.303 861 55	4.49 3.78	4.54 5.76	-12.94 -7.04	1.39 1.15 1.11 9.68 7.03 5.01	1.38 1.11 6.62 5.05	A 290.58 29.08 +0.01 0.00											
04242+1445	1	F CA	A 20553 B 20553	7.778 0.012 10.799 0.198			66.051 658 05 66.051 644 60	+14.758 288 42 +14.758 205 36	22.25 22.25	97.38 97.38	-33.51 -33.51	1.86 2.25 1.52 25.34 18.77 1.52	1.53 1.06 1.53 1.06	A 189 0.30											
04242-5704	1	L CA	A 20552 B 20552	6.974 0.004 7.392 0.006	7.569 0.009 8.054 0.011	6.874 0.011 7.271 0.010	66.051 331 35 66.048 721 76	-57.071 157 47 -57.071 797 02	36.92 36.92	-104.32 -99.63	-73.73 -59.98	0.97 0.94 0.84 1.93 2.09 0.84	1.09 0.92 1.42 1.28	A 245.73 5.602 +0.11 -0.010											
04242-6411	1	F NB	A 20555 B 20555 C 20560	9.636 0.034 10.346 0.056 10.736 0.074	10.876 0.054 10.393 0.057		66.054 162 81 66.054 000 68 66.063 659 69	-64.189 384 73 -64.189 323 32 -64.187 272 93	4.96 4.96 4.96	-11.03 -11.03 -11.03	-4.43 -4.43 -4.43	2.74 2.82 2.10 8.09 8.84 2.10 11.97 13.50 2.10	1.95 2.41 1.95 2.41 1.95 2.41	A 311 62.95 0.34 16.72											
04243-4856	1	F CA	A 20559 B 20559	9.847 0.009 10.354 0.013			66.063 661 59 66.063 417 24	-48.935 873 40 -48.935 889 30	7.83 7.83	-33.85 -33.85	-5.05 -5.05	2.94 2.13 2.39 4.46 5.18 2.39	2.92 2.22 2.92 2.22	A 264 0.581											
04244+3418	1	I CA	A 20570 B 20573	7.316 0.024 8.381 0.052	7.301 0.008 9.047 0.021	7.278 0.009 8.622 0.021	66.103 514 76 66.109 323 82	+34.314 819 58 +34.317 427 31	-6.73 -6.99	18.19 -17.29	-27.96 -14.23	3.36 2.07 3.00 30.22 16.88 9.55	3.40 2.57 22.76 13.95	A 61.47 19.66 -0.08 -0.02											
04244-4809	1	F CA	A 20571 B 20571	10.087 0.008 10.318 0.010			66.105 479 84 66.105 789 31	-48.151 891 61 -48.151 771 18	6.17 6.17	3.92 3.92	-16.46 -16.46	2.70 2.41 2.73 5.18 4.45 2.73	2.70 2.44 2.70 2.44	A 59.7 0.860											
04245+2244	1	F CA	A 20580 B 20580	8.713 0.040 8.874 0.046			66.122 770 62 66.122 846 66	+22.741 583 10 +22.741 622 00	6.80 6.80	31.05 31.05	-36.92 -36.92	6.02 3.13 1.35 7.93 3.99 1.35	1.37 1.15 1.37 1.15	A 61 0.29											
04245+5051	1	F CA	A 20586 B 20586	7.052 0.003 10.194 0.042			66.136 624 61 66.136 706 15	+50.845 331 16 +50.845 156 48	20.69 20.69	3.90 3.90	-64.48 -64.48	0.85 0.70 1.02 13.74 8.41 1.02	0.87 0.79 0.87 0.79	A 164 0.66											
04246+3358	1	F CA	A 20591 B 20591	5.876 0.003 9.721 0.116	6.264 0.004 10.170 0.096	5.831 0.004 9.247 0.070	66.155 933 84 66.156 460 79	+33.959 888 43 +33.961 000 69	24.00 24.00	54.69 54.69	-83.07 -83.07	0.87 0.60 0.91 24.05 13.59 0.91	0.94 0.69 0.94 0.69	A 21.5 4.30											
04246+4243	1	F CA	A 20590 B 20590	8.691 0.035 11.398 0.427			66.150 245 73 66.150 275 19	+42.721 623 95 +42.721 571 46	-0.40 -0.40	4.79 4.79	-3.56 -3.56	2.25 3.87 1.33 24.49 29.59 1.33	1.29 1.07 1.29 1.07	A 158 0.20											
04248+1552	1	F CB	A 20605 B 20605	12.131 0.039 13.098 0.094			66.199 969 15 66.199 986 83	+15.874 781 73 +15.874 891 53	24.41 24.41	102.58 102.58	-26.06 -26.06	8.68 6.99 6.94 32.72 22.17 6.94	10.11 9.06 10.11 9.06	A 9 0.40											
04248-0845	1	L CA	A 20598 B 20598	8.626 0.004 9.521 0.009	9.215 0.014 9.993 0.032	8.537 0.012 9.282 0.022	66.175 041 69 66.174 920 17	-8.752 915 41 -8.752 036 04	15.11 15.11	-111.63 -124.19	-161.39 -158.92	1.60 1.31 1.80 3.79 3.92 1.80	1.84 1.47 3.54 3.75	A 352.2 3.195 -0.2 +0.004											
04249-7741	1	I CA	A 20610 B 20612	8.086 0.007 8.317 0.008	8.543 0.013 8.784 0.014	8.041 0.012 8.244 0.013	66.219 995 41 66.232 426 68	-77.685 005 91 -77.683 903 94	15.48 16.98	-48.30 -48.51	-4.94 -0.58	2.35 2.92 2.04 4.36 5.23 2.29	2.34 3.42 3.20 4.53	A 67.44 10.337 -0.02 +0.001											



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
04251+3114	1	F C B	A 20621 B 20621	10.361 0.291 10.958 0.504				66.278 030 18 +31.229 553 91 66.278 021 46 +31.229 589 32		-0.27 -0.27		-0.40 -4.27 -0.40 -4.27	9.30 25.74 1.78 1.68 1.19 16.13 16.77 1.78 1.68 1.19	A 348	0.13												
04253+2348	1	I N B	A 20631 B 20632	8.178 0.007 10.580 0.047	8.316 0.012 11.306 0.109	8.124 0.013 10.405 0.077		66.329 845 54 +23.788 047 81 66.330 250 83 +23.796 132 24		5.15 -4.14		5.89 -11.52 4.39 -10.66	2.03 1.56 1.76 1.97 1.55 17.96 12.86 10.85 12.85 9.08	A	2.63	29.13	0.00	0.00									
04255+1755	1	F C B	A 20648 B 20648	4.348 0.002 8.366 0.086	4.382 0.003	4.317 0.003		66.372 155 93 +17.927 989 17 66.371 964 73 +17.928 439 91		22.05 22.05		108.26 -32.47 108.26 -32.47	0.75 0.52 0.77 0.97 0.83 37.03 20.06 0.77 0.97 0.83	A 338	1.75												
04255-5307	1	F C A	A 20650 B 20650	7.175 0.003 9.037 0.014				66.373 556 32 -53.111 885 16 66.373 947 18 -53.111 939 83		8.10 8.10		42.00 28.13 42.00 28.13	0.69 0.69 0.68 0.68 0.68 4.68 5.10 0.68 0.68 0.68	A 103.1	0.867												
04256+1557	1	F C A	P 20661 A 20661	6.999 0.140 7.743 0.278				66.405 219 23 +15.941 088 49 66.405 231 03 +15.941 063 35		21.47 21.47		104.62 -28.83 104.62 -28.83	5.42 6.01 0.97 1.08 0.75 15.88 12.62 0.97 1.08 0.75	P 156	0.10												
04256+3210	1	F C A	A 20659 B 20659	8.869 0.006 10.898 0.037				66.401 852 21 +32.158 723 98 66.401 625 23 +32.158 600 90		8.92 8.92		2.13 46.20 2.13 46.20	1.94 1.20 1.87 2.57 1.53 15.66 7.56 1.87 2.57 1.53	A 237	0.82												
04257-0214	1	F C A	A 20673 B 20673	7.542 0.004 9.500 0.023	8.018 0.011	7.381 0.011		66.424 206 39 -2.232 457 65 66.424 543 94 -2.232 450 54		23.86 23.86		62.60 7.57 62.60 7.57	1.29 1.06 1.21 1.40 1.22 8.00 5.00 1.21 1.40 1.22	A 88.8	1.21												
04258+1801	1	F C A	A 20679 B 20679	9.492 0.027 10.595 0.073				66.447 872 05 +18.017 378 57 66.447 891 12 +18.017 305 43		20.79 20.79		112.62 -35.79 112.62 -35.79	2.70 3.80 1.83 2.46 2.06 8.46 9.92 1.83 2.46 2.06	A 166	0.27												
04258-5014	1	F N D	D 20681 B 20681	8.941 0.007 13.241 0.351	9.995 0.023	8.910 0.015		66.451 881 23 -50.225 417 00 66.451 533 94 -50.224 424 90		4.19 4.19		26.04 46.17 26.04 46.17	1.07 1.11 1.10 1.09 1.14 83.34 91.42 1.10 1.09 1.14	A 347	3.66												
04259+1852	1	F C A	A 20686 B 20686	8.086 0.031 8.890 0.064				66.465 256 85 +18.864 165 19 66.465 226 27 +18.864 103 19		23.08 23.08		110.87 -33.75 110.87 -33.75	3.65 3.23 1.22 1.74 1.48 8.24 6.28 1.22 1.74 1.48	A 205	0.25												
04259+6015	1	F C A	A 20687 B 20687	8.935 0.006 9.387 0.008	9.259 0.016 9.670 0.022	8.821 0.016 9.272 0.023		66.468 355 24 +60.255 870 57 66.470 939 81 +60.256 789 30		3.24 3.24		4.37 0.02 4.37 0.02	1.60 1.62 2.34 1.75 1.76 3.37 3.37 2.34 1.75 1.76	A 54.38	5.679												
04260+0422	1	F C B	A 20698 B 20698	6.518 0.019 9.370 0.266				66.505 565 82 +4.373 493 00 66.505 522 84 +4.373 444 98		5.17 5.17		22.87 -16.01 22.87 -16.01	2.64 2.31 1.15 1.16 0.91 43.84 24.12 1.15 1.16 0.91	A 222	0.23												
04262+3443	1	F C A	B 20709 A 20709	9.003 0.057 9.321 0.077				66.562 450 33 +34.716 040 71 66.562 438 48 +34.716 097 72		6.69 6.69		90.74 -77.64 90.74 -77.64	3.26 6.47 1.58 1.44 1.20 5.50 7.54 1.58 1.44 1.20	B 350	0.208												
04262+3544	1	L C A	A 20707 B 20707	9.838 0.019 10.371 0.012				66.551 521 62 +35.739 502 46 66.551 689 27 +35.739 555 18		8.75 8.75		11.99 -35.01 9.89 -24.32	3.12 1.76 2.36 2.65 1.75 6.85 3.69 2.36 4.48 2.84	A 68.8	0.525	-1.2	+0.002										
04263+3158	1	F C B	A 20710 B 20710	8.802 0.032 11.650 0.445				66.572 103 13 +31.959 184 58 66.572 141 42 +31.959 130 41		2.78 2.78		-4.14 -11.42 -4.14 -11.42	3.61 4.78 1.60 1.54 1.10 38.85 33.92 1.60 1.54 1.10	A 149	0.23												
04263-6539	1	F C A	A 20714 B 20714	8.782 0.006 10.276 0.021				66.586 790 35 -65.650 748 73 66.586 443 39 -65.650 744 04		2.75 2.75		-5.76 -6.69 -5.76 -6.69	1.39 1.23 1.13 1.21 1.44 5.37 6.69 1.13 1.21 1.44	A 272	0.515												
04266-4032	1	F C A	A 20735 B 20735	7.035 0.005 8.259 0.013	7.027 0.009 8.129 0.013	6.994 0.011 7.905 0.014		66.657 054 44 -40.529 425 61 66.656 992 52 -40.530 220 84		8.20 8.20		0.51 19.70 0.51 19.70	0.81 0.82 0.88 0.80 0.93 3.70 3.27 0.88 0.80 0.93	A 183.4	2.868												
04267+1241	1	F C A	A 20745 S 20745	11.193 0.055 11.485 0.072				66.678 120 98 +12.686 618 75 66.678 064 28 +12.686 687 05		28.27 28.27		123.44 -16.78 123.44 -16.78	6.08 5.12 3.17 3.97 2.55 12.50 9.45 3.17 3.97 2.55	A 321	0.32												
04268+5539	1	F C A	A 20748 B 20748	7.767 0.005 8.832 0.012				66.692 727 02 +55.643 726 04 66.692 410 14 +55.643 937 29		5.76 5.76		-13.70 2.73 -13.70 2.73	1.22 1.03 1.22 1.31 1.11 3.67 2.89 1.22 1.31 1.11	A 319.8	0.996												
04268+5814	1	F C A	A 20754 B 20754	8.438 0.059 10.252 0.312				66.706 670 79 +58.240 748 85 66.706 743 02 +58.240 782 17		10.03 10.03		-68.50 -58.49 -68.50 -58.49	5.30 3.70 1.12 0.79 0.79 24.17 17.93 1.12 0.79 0.79	A 49	0.18												
04269-2405	1	L C A	A 20765 B 20765	6.898 0.004 6.921 0.005				66.737 226 42 -24.081 288 40 66.737 341 41 -24.081 372 07		9.00 9.00		-6.88 -14.09 -12.02 -21.92	0.94 1.18 1.26 0.77 1.04 1.42 1.95 1.26 0.88 1.19	A 128.6	0.483	+1.1	+0.001										
04270+1907	1	F C A	A 20769 B 20769	8.004 0.004 9.847 0.022	8.491 0.018 10.437 0.074	7.924 0.014 9.570 0.055		66.752 343 39 +19.117 966 81 66.752 257 75 +19.116 082 73		15.26 15.26		95.44 -130.10 95.44 -130.10	1.39 0.95 1.50 2.13 1.50 11.20 6.13 1.50 2.13 1.50	A 182.5	6.79												
04270-7238	1	F C A	A 20766 B 20766	8.049 0.005 9.928 0.028	8.958 0.012	7.902 0.009		66.740 658 53 -72.633 834 35 66.741 444 08 -72.634 101 59		3.45 3.45		-13.05 -5.92 -13.05 -5.92	0.96 0.93 0.91 0.95 1.01 6.99 7.48 0.91 0.95 1.01	A 138.7	1.28												
04271+1812	1	I C A	A 20780 B 20782	6.955 0.013 9.517 0.113	6.967 0.007 10.006 0.048	6.925 0.008 9.350 0.041		66.770 242 75 +18.207 580 48 66.774 898 46 +18.210 348 17		8.04 7.69		2.83 -17.77 -5.93 -33.28	1.87 1.38 1.53 2.18 1.85 45.01 28.03 17.39 25.67 20.88	A 57.96	18.78	+0.03	-0.02										
04275+1113	1	F C B	A 20804 B 20804	6.074 0.059 7.938 0.328				66.869 870 65 +11.212 336 63 66.869 900 40 +11.212 306 74		6.70 6.70		-2.51 -13.20 -2.51 -13.20	6.77 10.39 0.96 1.14 0.84 58.63 70.06 0.96 1.14 0.84	A 136	0.15												
04275-1707	1	F C A	A 20806 B 20806	8.629 0.009 11.284 0.090	9.292 0.017	8.513 0.014		66.882 742 62 -17.108 656 43 66.882 350 59 -17.108 233 61		20.90 20.90		76.03 68.79 76.03 68.79	1.71 1.54 2.04 2.31 1.98 23.99 23.46 2.04 2.31 1.98	A 318	2.03												
04275-2427	1	F C A	A 20807 B 20807	8.638 0.004 9.491 0.009				66.881 988 63 -24.457 195 31 66.881 859 06 -24.457 111 60		13.05 13.05		-36.96 -54.71 -36.96 -54.71	0.98 1.46 1.68 0.91 1.26 2.52 4.59 1.68 0.91 1.26	A 305.4	0.521												

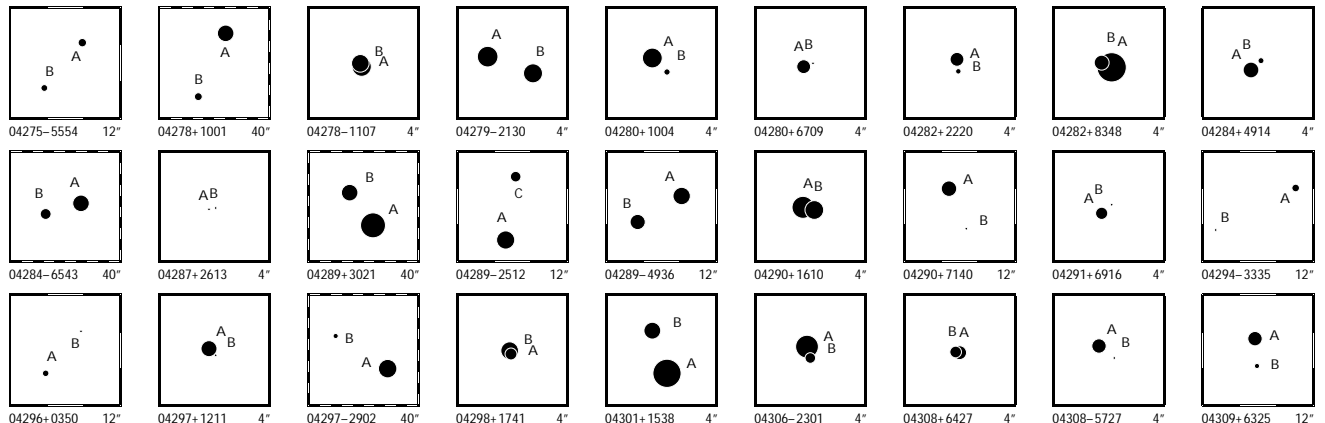


Component Solutions

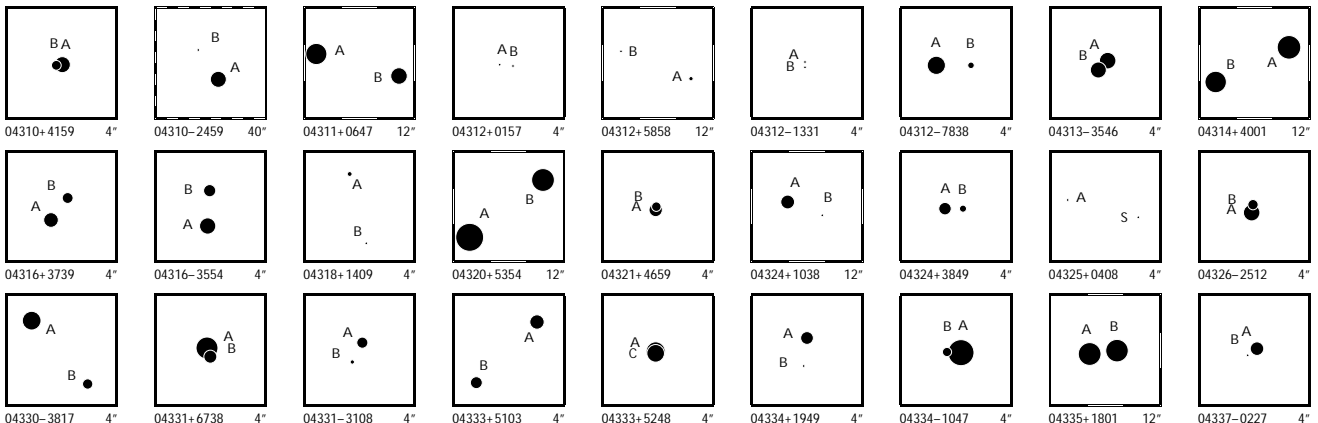
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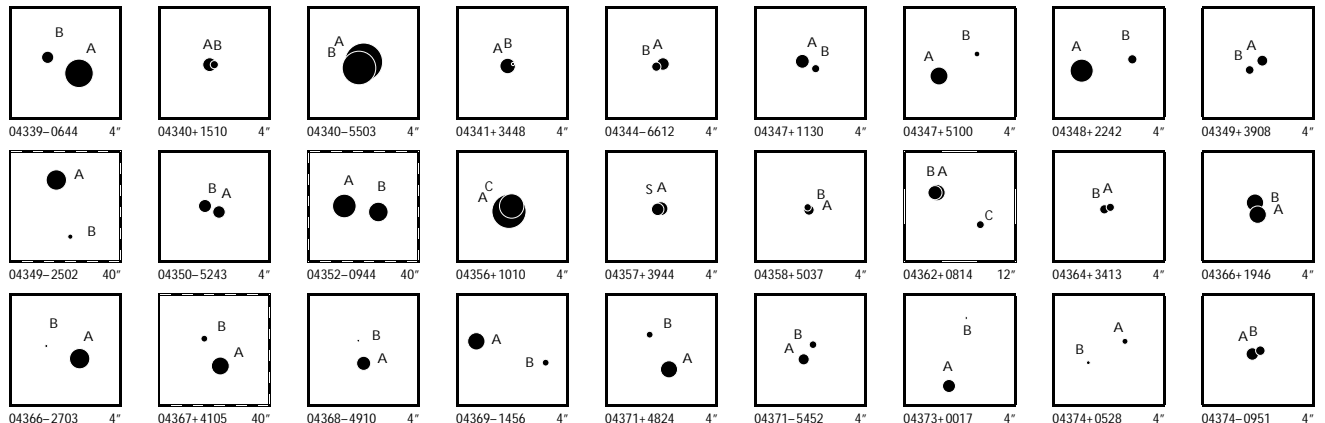
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04275-5554	1	F CA	A 20805 B 20805	10.113 0.014 10.476 0.019	10.390 0.029 10.825 0.044	9.917 0.029 10.211 0.039		66.876 952 37 -55.905 147 05 66.879 030 81 -55.906 524 10	4.17 4.17	19.08 31.17 19.08 31.17	2.31 2.78 2.35 2.61 3.03 4.73 6.84 2.35 2.61 3.03	A 139.8 6.49															
04278+1001	1	I ND	D A 20830 B 20831	8.356 0.017 10.266 0.073	8.727 0.017 10.465 0.061	8.258 0.017 9.920 0.060		66.962 044 62 +10.020 924 49 66.964 807 95 +10.014 379 53	7.67 4.76	3.72 -8.31 -32.00 -22.12	3.22 2.58 2.55 3.96 3.25 29.02 23.32 15.28 25.95 22.09	A 157.4 25.52 +0.1 0.00															
04278-1107	1	F CA	A 20829 B 20829	7.721 0.094 8.100 0.134				66.947 917 25 -11.124 367 14 66.947 929 78 -11.124 331 92	3.32 3.32	-7.00 10.13 -7.00 10.13	4.28 6.13 1.04 0.99 0.90 7.12 8.14 1.04 0.99 0.90	A 19 0.134															
04279-2130	1	L CA	A 20836 B 20836	7.458 0.005 7.796 0.006	7.820 0.013 8.091 0.014	7.307 0.011 7.624 0.014		66.980 740 92 -21.503 945 49 66.980 243 04 -21.504 118 20	9.18 9.18	-19.31 -48.75 -24.64 -49.43	1.27 1.20 1.46 1.01 1.18 3.20 2.17 1.46 1.84 1.86	A 249.6 1.780 0.0 +0.005															
04280+1004	1	F CA	A 20845 B 20845	7.594 0.005 10.617 0.082				67.012 372 21 +10.072 207 51 67.012 223 44 +10.072 060 83	9.35 9.35	-19.60 -19.27 -19.60 -19.27	1.75 1.22 1.51 2.11 1.67 35.11 18.35 1.51 2.11 1.67	A 225 0.75															
04280+6709	1	F CC	A 20840 B 20840	8.933 0.026 11.833 0.379				66.992 738 65 +67.149 347 75 66.992 479 45 +67.149 375 19	3.86 3.86	-15.33 -6.27 -15.33 -6.27	8.12 4.78 2.73 1.79 2.15 49.05 57.03 2.73 1.79 2.15	A 285 0.38															
04282+2220	1	F CA	A 20859 B 20859	8.942 0.005 10.817 0.030				67.050 644 34 +22.332 797 94 67.050 618 88 +22.332 677 03	6.92 6.92	1.49 -11.03 1.49 -11.03	1.77 1.47 1.49 1.61 1.50 11.36 7.99 1.49 1.61 1.50	A 191 0.44															
04282+8348	1	F CA	P A 20860 B 20860	5.537 0.004 8.693 0.056				67.055 397 51 +83.807 762 84 67.056 402 58 +83.807 807 27	4.76 4.76	-4.23 11.25 -4.23 11.25	0.62 0.67 0.63 0.59 0.66 9.77 12.20 0.63 0.59 0.66	A 68 0.42															
04284+4914	1	F CA	A 20872 B 20872	8.525 0.008 10.660 0.055				67.095 604 94 +49.231 647 75 67.095 452 65 +49.231 743 89	5.60 5.60	25.30 -28.61 25.30 -28.61	2.19 1.61 2.03 2.38 1.78 13.67 8.00 2.03 2.38 1.78	A 314 0.50															
04284-6543	1	I NB	A 20869 B 20875	8.359 0.016 9.627 0.050	8.792 0.014 10.119 0.032	8.297 0.014 9.627 0.032		67.088 547 02 -65.712 208 18 67.097 254 37 -65.713 351 80	12.72 3.81	24.44 129.59 -9.59 9.99	2.20 2.17 1.77 2.14 2.56 12.60 12.17 6.85 8.14 9.78	A 107.71 13.53 +0.53 0.00															
04287+2613	1	F CB	A 20895 B 20895	11.695 0.265 11.970 0.341				67.165 782 06 +26.220 160 87 67.165 716 66 +26.220 173 96	25.00 25.00	73.83 -36.86 73.83 -36.86	23.87 13.61 3.24 3.77 2.16 45.12 28.34 3.24 3.77 2.16	A 283 0.22															
04289+3021	1	I CA	A 20904 B 20907	6.496 0.012 8.324 0.050	7.013 0.006 8.719 0.016	6.429 0.005 8.215 0.016		67.216 569 06 +30.361 541 12 67.219 337 86 +30.364 881 63	18.42 21.46	23.05 -20.33 14.18 -21.63	2.07 1.30 1.61 2.62 1.54 19.60 11.58 7.51 11.24 7.29	A 35.57 14.78 -0.02 -0.01															
04289-2512	1	F CA	A 20909 B 20909	7.951 0.004 9.634 0.016	9.252 0.012 10.001 0.024	7.918 0.007 9.530 0.025		67.225 522 04 -25.194 870 50 67.225 206 95 -25.192 926 42	3.06 3.06	16.66 -1.88 16.66 -1.88	0.73 0.97 1.31 0.77 1.05 3.37 4.81 1.31 0.77 1.05	A 351.66 7.074															
04289-4936	1	L CA	A 20911 B 20911	8.155 0.005 8.659 0.008	9.126 0.016 9.072 0.016	8.026 0.011 8.529 0.014		67.226 547 73 -49.601 770 16 67.228 587 69 -49.602 588 82	5.22 5.22	20.37 -30.56 17.92 -35.46	1.41 1.34 1.27 1.13 1.03 2.58 3.42 1.27 1.83 1.92	A 121.77 5.598 +0.06 0.000															
04290+1610	1	L CA	A 20916 B 20916	7.149 0.013 7.849 0.025				67.248 822 18 +16.159 153 91 67.248 707 48 +16.159 129 80	20.58 20.58	90.28 -25.47 115.25 -31.34	2.58 1.25 1.74 2.12 1.38 5.73 2.92 1.74 3.92 2.33	A 257.7 0.406 -1.6 -0.023															
04290+7140	1	F ND	D A 20918 B 20918	8.558 0.005 12.438 0.172	8.848 0.009 8.503 0.009			67.255 743 79 +71.663 822 20 67.254 029 18 +71.662 580 60	1.47 1.47	7.95 -19.84 7.95 -19.84	0.77 1.09 1.27 0.81 1.25 36.87 58.86 1.27 0.81 1.25	A 203 4.87															
04291+6916	1	F CA	A 20921 B 20921	9.301 0.009 11.890 0.098				67.272 392 18 +69.270 537 19 67.272 121 13 +69.270 622 79	3.75 3.75	-3.22 0.12 -3.22 0.12	1.44 1.95 1.88 0.93 1.63 16.71 26.28 1.88 0.93 1.63	A 312 0.46															
04294-3335	1	F CA	P A 20943 B 20943	10.312 0.025 12.244 0.117	10.666 0.039 10.259 0.043			67.353 287 20 -33.576 203 87 67.356 234 60 -33.577 477 14	2.05 2.05	8.31 0.60 8.31 0.60	1.99 2.34 2.61 2.06 2.49 19.12 19.92 2.61 2.06 2.49	A 117.4 9.96															
04296+0350	1	F CA	A 20956 B 20956	10.546 0.025 12.402 0.135	11.321 0.127 10.287 0.081			67.398 273 07 +3.838 648 88 67.397 215 79 +3.839 916 05	2.45 2.45	47.66 -40.57 47.66 -40.57	3.70 2.80 4.52 4.10 4.04 26.85 21.22 4.52 4.10 4.04	A 320.2 5.94															
04297+1211	1	F CB	A 20960 B 20960	8.487 0.027 11.718 0.538				67.419 576 92 +12.175 856 70 67.419 512 82 +12.175 793 93	7.07 7.07	5.81 -36.56 5.81 -36.56	3.68 5.19 1.76 2.57 2.17 61.40 40.09 1.76 2.57 2.17	A 225 0.32															
04297-2902	1	I NC	A 20965 B 20968	7.890 0.028 10.887 0.345	9.393 0.019 11.599 0.093	7.873 0.011 10.898 0.075		67.431 042 46 -29.029 701 62 67.437 131 16 -29.026 366 95	2.18 120.70	-32.44 -31.12 -58.31 -283.12	1.42 1.91 1.89 1.44 2.00 67.52 86.47 56.47 44.96 61.11	A 57.9 22.62 +0.5 -0.16															
04298+1741	1	F CA	A 20971 B 20971	8.089 0.137 9.367 0.444				67.450 505 99 +17.677 625 90 67.450 496 10 +17.677 590 32	4.85 4.85	4.02 -8.74 4.02 -8.74	5.23 9.39 1.08 1.17 0.92 20.14 22.55 1.08 1.17 0.92	B 195 0.13															
04301+1538	1	F CA	A 20995 B 20995	5.748 0.003 8.265 0.030	6.012 0.006 5.670 0.007			67.535 553 51 +15.637 898 64 67.535 703 05 +15.638 334 86	22.93 22.93	107.59 -23.92 107.59 -23.92	1.19 0.65 1.25 1.27 0.89 12.73 8.14 1.25 1.27 0.89	A 18.3 1.65															
04306-2301	1	F CA	A 21032 B 21032	6.970 0.004 9.663 0.042				67.640 631 75 -23.024 384 31 67.640 582 68 -23.024 495 24	7.06 7.06	-0.82 -1.60 -0.82 -1.60	1.06 0.99 1.02 0.78 0.83 15.30 11.81 1.02 0.78 0.83	A 202 0.43															
04308+6427	1	F CB	D A 21059 B 21059	8.922 0.137 9.409 0.213				67.708 489 58 +64.441 817 31 67.708 589 96 +64.441 819 48	1.71 1.71	19.64 -15.44 19.64 -15.44	11.35 8.01 0.94 0.77 0.87 15.92 12.37 0.94 0.77 0.87	A 87 0.16															
04308-5727	1	F CC	A 21056 B 21056	8.797 0.009 12.463 0.252				67.701 763 24 -57.450 132 35 67.701 473 15 -57.450 258 40	8.55 8.55	49.79 43.44 49.79 43.44	1.20 1.18 1.15 1.37 1.23 37.00 40.58 1.15 1.37 1.23	A 231 0.72															
04309+6325	1	F CA	A 21065 B 21065	8.827 0.005 10.855 0.029	9.330 0.013 10.454 0.078	8.727 0.013 9.934 0.055		67.726 570 60 +63.415 742 24 67.726 457 29 +63.414 883 27	6.03 6.03	7.77 32.22 7.77 32.22	1.03 1.15 1.43 1.32 1.47 7.08 8.90 1.43 1.32 1.47	A 183.4 3.10															



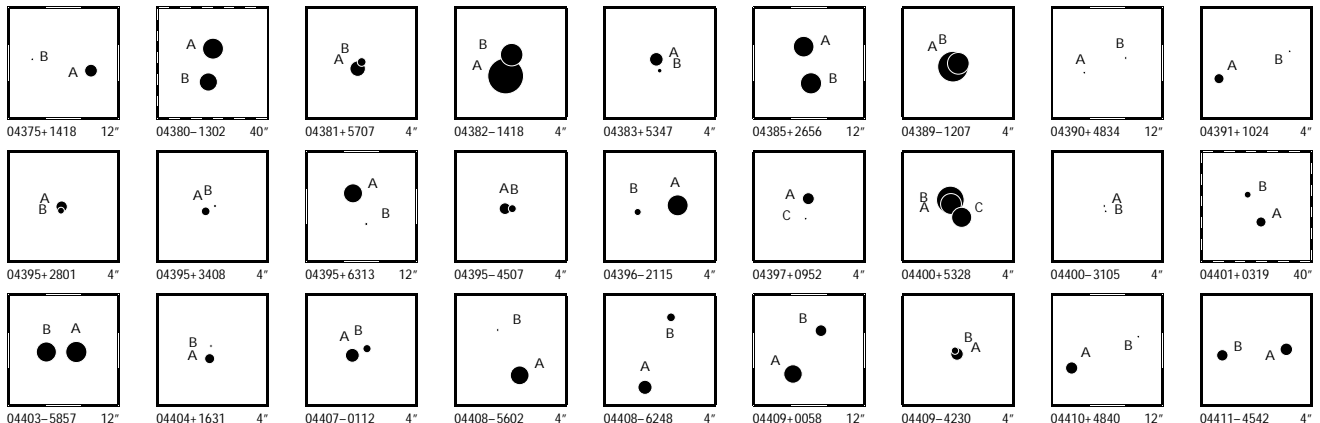
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04310+4159	1	FCA	A 21067 B 21067	8.465 0.072 9.868 0.261				67.742 454 66 +41.975 909 72 67.742 528 75 +41.975 911 53	3.27 3.27	20.20 -28.14 20.20 -28.14	7.29 1.86 1.03 0.90 0.72 22.13 6.86 1.03 0.90 0.72	A 88 0.20														
04310-2459	1	FCA	A 21071 B 21071	8.464 0.006 11.767 0.113	9.588 0.011	8.390 0.007	67.748 385 97 -24.979 874 62 67.750 592 64 -24.976 886 42	3.72 3.72	4.54 -4.08 4.54 -4.08	0.70 1.05 1.40 0.76 1.18 21.00 36.02 1.40 0.76 1.18	A 33.8 12.95															
04311+0647	1	FCA	A 21078 B 21078	7.294 0.004 8.320 0.011	8.481 0.017	7.235 0.014	67.767 159 13 +6.791 548 83 67.764 591 53 +6.790 878 33	12.13 12.13	-67.19 -90.66 -67.19 -90.66	1.52 0.92 1.37 1.74 1.25 5.75 3.17 1.37 1.74 1.25	A 255.27 9.49															
04312+0157	1	FNC	A 21092 B 21092	12.834 0.217 14.039 0.656			67.797 668 71 +1.957 828 06 67.797 537 53 +1.957 811 73	19.64 19.64	170.09 27.24 170.09 27.24	18.20 8.30 9.61 10.87 10.30 150.98 75.12 9.61 10.87 10.30	A 263 0.48															
04312+5858	1	LND	D A 21088 B 21088	11.054 0.020 12.472 0.071			67.791 858 95 +58.982 052 52 67.796 073 23 +58.982 867 23	181.36 181.36	1300.21 -2048.99 1335.64 -1962.61	3.81 2.80 3.67 4.27 3.10 27.41 18.84 3.67 18.17 13.17	A 69.4 8.35 -0.5 +0.06															
04312-1331	1	FCB	A 21086 B 21086	11.924 0.419 13.125 1.266			67.788 070 49 -13.514 087 37 67.788 083 03 -13.514 140 58	49.73 49.73	-161.78 -206.99 -161.78 -206.99	17.37 23.21 3.24 3.26 2.76 44.15 158.80 3.24 3.26 2.76	A 167 0.20															
04312-7838	1	FCA	A 21087 B 21087	8.009 0.007 10.535 0.064	8.183 0.009	7.922 0.012	67.791 030 82 -78.632 949 46 67.789 208 66 -78.632 946 84	7.93 7.93	-2.32 28.78 -2.32 28.78	0.94 1.07 0.95 0.88 1.33 14.66 10.96 0.95 0.88 1.33	A 270.4 1.29															
04313-3546	1	FCA	A 21098 B 21098	8.333 0.007 8.465 0.008			67.812 844 01 -35.773 648 59 67.812 961 61 -35.773 744 86	1.83 1.83	-2.43 6.92 -2.43 6.92	1.42 1.60 1.42 1.43 1.50 2.06 2.82 1.42 1.43 1.50	A 135.3 0.488															
04314+4001	1	FCA	A 21108 B 21108	6.804 0.005 7.262 0.007	6.785 0.014	6.790 0.016	67.850 409 25 +40.010 214 96 67.853 353 91 +40.009 137 91	1.91 1.91	0.83 -9.09 0.83 -9.09	1.63 1.54 1.46 1.96 2.00 3.64 2.55 1.46 1.96 2.00	A 115.53 8.998															
04316+3739	1	LCA	A 21117 B 21117	8.742 0.006 9.608 0.013			67.889 796 81 +37.652 447 42 67.889 576 19 +37.652 670 53	10.03 10.03	29.34 -29.84 31.27 -36.12	2.28 1.25 2.39 1.83 1.42 6.06 2.55 2.39 4.57 2.47	A 321.9 1.020 -0.1 -0.006															
04316-3554	1	FCA	A 21118 B 21118	8.422 0.006 9.270 0.013	8.537 0.011	8.125 0.011	67.894 168 20 -35.905 788 39 67.894 153 41 -35.905 421 29	6.91 6.91	33.07 42.41 33.07 42.41	1.12 1.23 1.30 1.15 1.27 2.88 4.80 1.30 1.15 1.27	A 358.1 1.32															
04318+1409	1	FND	D A 21132 B 21132	10.936 0.058 11.483 0.096	11.710 0.116	10.707 0.078	67.949 345 19 +14.154 960 82 67.949 174 22 +14.154 240 52	28.36 28.36	-330.66 -352.00 -330.66 -352.00	13.09 9.91 4.86 10.18 8.91 43.86 29.37 4.86 10.18 8.91	A 193 2.66															
04320+5354	1	FCA	P A 21148 B 21148	5.825 0.003 6.955 0.008	5.906 0.003	5.783 0.003	68.007 679 12 +53.910 844 67 68.003 845 55 +53.912 617 03	-1.53 -1.53	-3.19 -5.99 -3.19 -5.99	0.81 0.70 1.02 0.87 0.75 2.63 2.10 1.02 0.87 0.75	A 308.13 10.334															
04321+4659	1	FCA	A 21153 B 21153	9.074 0.250 9.903 0.537			68.026 525 66 +46.983 975 53 68.026 510 72 +46.984 009 33	1.55 1.55	0.92 -5.72 0.92 -5.72	7.88 15.91 1.61 1.44 1.08 16.75 26.72 1.61 1.44 1.08	A 343 0.13															
04324+1038	1	FND	D A 21176 B 21176	8.969 0.006 12.183 0.111	10.720 0.051	8.964 0.020	68.099 878 70 +10.639 937 05 68.098 817 27 +10.639 511 12	2.94 2.94	-4.44 -5.37 -4.44 -5.37	1.51 0.98 1.42 1.87 1.31 35.47 21.74 1.42 1.87 1.31	A 247.8 4.06															
04324+3849	1	FCA	A 21178 B 21178	9.241 0.008 10.460 0.025			68.105 940 76 +38.809 971 42 68.105 709 90 +38.809 976 12	9.66 9.66	19.91 -21.08 19.91 -21.08	3.13 1.76 3.15 2.80 2.13 9.02 8.12 3.15 2.80 2.13	A 271 0.65															
04325+0408	1	FCB	A 21186 S 21186	11.397 0.017 13.208 0.087			68.126 726 41 +4.139 930 98 68.125 992 63 +4.139 754 49	24.04 24.04	51.61 -162.12 51.61 -162.12	4.75 3.78 4.57 7.06 7.00 38.95 23.30 4.57 7.06 7.00	A 256.4 2.71															
04326-2512	1	FCA	A 21193 B 21193	8.349 0.014 9.725 0.048			68.157 602 36 -25.204 924 73 68.157 582 11 -25.204 833 86	7.14 7.14	5.29 18.75 5.29 18.75	1.14 2.23 1.21 0.68 1.15 4.75 7.36 1.21 0.68 1.15	A 349 0.33															
04330-3817	1	FCA	P A 21213 B 21213	7.885 0.004 9.698 0.021	8.078 0.009	7.854 0.010	68.256 358 98 -38.283 411 51 68.255 627 13 -38.284 060 92	7.45 7.45	24.66 24.92 24.66 24.92	0.82 0.96 0.97 0.85 1.02 4.47 5.79 0.97 0.85 1.02	A 221.5 3.121															
04331+6738	1	LCA	A 21219 B 21219	7.164 0.005 9.105 0.028			68.279 623 05 +67.631 493 02 68.279 531 63 +67.631 401 63	7.51 7.51	9.93 -25.08 8.43 -10.80	0.93 1.13 0.84 0.74 0.77 6.04 6.31 0.84 3.89 3.33	A 201 0.352 +1 -0.013															
04331-3108	1	FCA	A 21216 B 21216	9.513 0.006 11.054 0.024			68.265 331 47 -31.125 275 15 68.265 451 66 -31.125 475 49	3.75 3.75	-13.54 -13.01 -13.54 -13.01	1.16 1.55 1.69 1.19 1.62 5.23 7.62 1.69 1.19 1.62	A 152.8 0.81															
04333+5103	1	FCA	A 21230 B 21230	8.835 0.006 9.374 0.009	9.297 0.023	8.759 0.021	68.315 443 92 +51.047 658 80 68.316 428 46 +51.047 039 69	6.24 6.24	3.66 -58.93 3.66 -58.93	3.05 2.03 2.73 3.94 2.67 4.59 3.19 2.73 3.94 2.67	A 135.0 3.152															
04333+5248	1	FND	D A 21233 C 21233	7.825 0.196 8.103 0.253			68.320 322 03 +52.805 021 32 68.320 330 07 +52.804 993 56	1.99 1.99	10.01 -13.94 10.01 -13.94	3.41 8.39 0.96 0.68 0.61 4.39 12.84 0.96 0.68 0.61	A 170 0.10															
04334+1949	1	FND	D A 21240 B 21240	9.188 0.009 12.055 0.126	10.468 0.061	9.132 0.034	68.346 443 80 +19.813 747 97 68.346 488 64 +19.813 462 92	5.16 5.16	-17.58 -16.40 -17.58 -16.40	1.82 1.21 1.77 2.00 1.39 31.50 24.94 1.77 2.00 1.39	A 172 1.04															
04334-1047	1	FCA	A 21239 B 21239	6.235 0.003 9.982 0.086			68.342 027 29 -10.785 406 51 68.342 179 62 -10.785 398 98	3.45 3.45	-0.82 30.04 -0.82 30.04	0.85 0.56 0.86 0.92 0.74 20.39 16.02 0.86 0.92 0.74	A 87 0.54															
04335+1801	1	FCA	A 21251 B 21251	6.985 0.005 7.036 0.006	6.985 0.060	6.930 0.055	68.387 673 13 +18.016 762 91 68.386 780 78 +18.016 867 11	7.71 7.71	12.44 -16.74 12.44 -16.74	1.47 0.91 1.34 1.49 1.03 3.36 1.76 1.34 1.49 1.03	A 277.00 3.078															
04337-0227	1	FCB	A 21263 B 21263	9.019 0.009 12.436 0.210			68.429 973 96 -2.452 903 87 68.430 076 52 -2.452 975 78	2.74 2.74	-4.15 -3.61 -4.15 -3.61	2.73 1.59 1.96 2.03 1.77 54.64 28.80 1.96 2.03 1.77	A 125 0.45															



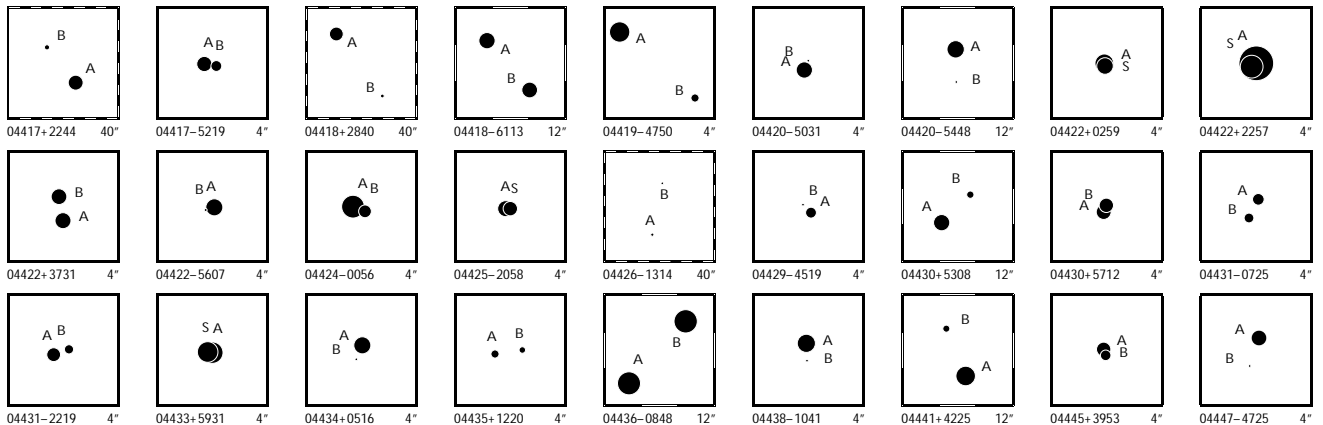
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04339-0644	1	F CA	P	A 21278 B 21278	5.718 9.287	0.003 0.058	5.567	0.004	5.706	0.004	68.478 040 57 68.478 360 83	-6.738 896 08 -6.738 729 69	4.18 4.18	-2.65 -2.65	-4.76 -4.76	0.85 0.59 0.88 18.04 11.84 0.88	0.86 0.67 0.86 0.67	A	62	1.29					
04340+1510	1	F CB	A	21280 21280	8.932 10.198	0.209 0.670					68.493 664 78 68.493 610 84	+15.163 703 74 +15.163 702 21	24.02 24.02	101.93 101.93	-33.75 -33.75	18.04 4.73 1.68 60.20 14.50 1.68	2.48 1.25 2.48 1.25	A	268	0.19					
04340-5503	1	L CA	P	A 21281 B 21281	3.616 4.565	0.005 0.011					68.498 826 84 68.498 908 31	-55.045 005 59 -55.045 076 07	18.56 18.56	58.06 42.83	12.73 -12.94	0.89 0.86 0.46 2.50 2.46 0.46	0.64 0.58 1.28 1.21	A	146.5	0.304	+5.1	+0.013			
04341+3448	1	F CB	A	21291 21291	8.586 11.307	0.051 0.626					68.520 267 04 68.520 201 52	+34.800 321 10 +34.800 343 93	7.65 7.65	-11.25 -11.25	-12.65 -12.65	8.85 2.50 1.36 58.12 26.32 1.36	1.73 1.08 1.73 1.08	A	293	0.21					
04344-6612	1	F CA	A	21305 21305	9.235 9.979	0.037 0.074					68.606 935 87 68.607 111 55	-66.193 055 83 -66.193 085 83	6.89 6.89	-21.25 -21.25	-45.54 -45.54	5.61 3.36 1.02 9.14 6.83 1.02	1.20 1.24 1.20 1.24	A	113	0.28					
04347+1130	1	F CA	A	21335 21335	8.935 10.219	0.006 0.019					68.681 723 28 68.681 585 16	+11.499 366 22 +11.499 284 36	7.55 7.55	30.49 30.49	0.87 0.87	2.03 1.30 1.82 8.74 4.92 1.82	2.11 1.58 2.11 1.58	A	239	0.57					
04347+5100	1	F CA	A	21328 21328	8.012 10.742	0.004 0.044	8.386	0.010	7.913	0.010	68.663 047 70 68.662 425 79	+51.003 262 35 +51.003 489 90	6.46 6.46	5.38 5.38	-38.63 -38.63	1.26 1.01 1.33 16.39 10.78 1.33	1.60 1.21 1.60 1.21	A	300.2	1.63					
04348+2242	1	F CA	A	21341 21341	6.923 9.968	0.003 0.053	7.383	0.010	6.828	0.008	68.689 231 15 68.688 666 42	+22.692 382 27 +22.692 499 50	6.42 6.42	40.31 40.31	-28.79 -28.79	1.10 0.71 1.05 13.33 9.01 1.05	1.29 0.93 1.29 0.93	A	282.7	1.92					
04349+3908	1	F CA	A	21352 21352	9.596 10.107	0.011 0.015					68.721 557 00 68.721 727 25	+39.141 939 54 +39.141 840 99	26.74 26.74	-81.55 -81.55	-93.59 -93.59	6.00 3.81 4.28 9.73 8.49 4.28	5.49 3.72 5.49 3.72	A	127	0.593					
04349-2502	1	F ND	D	A 21354 B 21354	7.490 10.851	0.014 0.242	7.927	0.005	7.431	0.005	68.727 555 43 68.726 017 31	-25.038 918 66 -25.044 722 10	14.18 14.18	1.87 1.87	-38.57 -38.57	0.63 0.96 1.28 41.79 87.45 1.28	0.73 1.15 0.73 1.15	A	193.5	21.49					
04350-5243	1	F CA	B	21358 21358	9.119 9.213	0.006 0.007					68.740 443 57 68.740 212 28	-52.712 711 94 -52.712 775 81	2.65 2.65	6.91 6.91	14.35 14.35	2.33 2.06 1.68 2.79 2.65 1.68	1.95 1.62 1.95 1.62	B	245.5	0.554					
04352-0944	1	I CA	A	21377 21375	6.752 7.695	0.010 0.022	6.797	0.005	6.707	0.006	68.808 742 20 68.805 192 61	-9.736 334 17 -9.736 944 25	8.41 6.26	33.78 33.91	-16.11 -22.08	2.25 1.74 2.36 9.25 6.78 4.99	2.70 2.07 6.79 5.79	A	260.11	12.78	-0.03	0.00			
04356+1010	1	F CA	A	21402 21402	4.439 6.608	0.011 0.081					68.913 477 12 68.913 443 92	+10.160 910 93 +10.160 962 24	21.68 21.68	44.89 44.89	-52.42 -52.42	1.57 1.23 0.82 11.73 9.02 0.82	0.94 0.79 0.94 0.79	A	328	0.22					
04357+3944	1	F CB	A	21405 21405	8.930 9.244	0.417 0.557					68.920 877 01 68.920 918 92	+39.734 502 70 +39.734 496 62	8.69 8.69	9.72 9.72	-16.91 -16.91	28.77 9.21 1.36 29.34 12.21 1.36	1.13 0.91 1.13 0.91	A	101	0.12					
04358+5037	1	F CC	A	21417 21417	9.730 10.403	0.691 1.283					68.949 438 03 68.949 458 30	+50.610 494 02 +50.610 521 56	6.52 6.52	-8.02 -8.02	19.98 19.98	12.96 32.19 1.49 47.89 62.17 1.49	1.47 1.34 1.47 1.34	A	25	0.11					
04362+0814	1	F NB	G	A 21434 B 21434 C 21434	8.370 8.909 10.268	0.478 0.783 0.047	10.531	0.084	10.040	0.076	69.038 898 45 69.038 940 71 69.037 535 25	+8.225 782 11 +8.225 784 20 +8.224 816 79	6.38 6.38 6.38	-2.55 -2.55 -2.55	-13.07 -13.07 -13.07	15.96 1.95 1.32 34.36 6.37 1.32 19.25 7.74 1.32	1.49 1.17 1.49 1.17 1.49 1.17	A	87	0.15					
04364+3413	1	F CA	B	21454 21454	9.962 10.211	0.121 0.152					69.103 198 00 69.103 124 16	+34.209 254 97 +34.209 272 96	12.98 12.98	99.33 99.33	43.77 43.77	18.54 9.05 2.20 18.09 7.97 2.20	3.23 1.63 3.23 1.63	B	286	0.23					
04366+1946	1	F ND	D	A 21465 A 21465	8.152 8.171	0.009 0.009					69.144 649 95 69.144 622 53	+19.760 037 59 +19.759 909 00	4.23 4.23	-10.35 -10.35	-1.53 -1.53	2.68 1.65 1.84 2.03 1.27 1.84	1.98 1.26 1.98 1.26	B	191.3	0.472					
04366-2703	1	F CC	A	21466 21466	7.484 11.326	0.005 0.184	7.926	0.006	7.410	0.005	69.148 509 08 69.148 886 86	-27.047 807 46 -27.047 875 85	9.93 9.93	12.60 12.60	-18.27 -18.27	0.74 0.88 1.11 35.51 33.32 1.11	0.78 0.95 0.78 0.95	A	69	1.30					
04367+4105	1	I CA	A	21469 21470	8.017 10.489	0.008 0.048	8.186	0.016	7.981	0.018	69.163 036 15 69.165 304 82	+41.076 860 07 +41.079 640 20	2.67 0.54	5.20 3.88	-6.15 -5.21	2.38 2.19 2.24 22.08 20.77 16.93	2.59 2.30 19.31 16.43	A	31.6	11.75	0.0	0.00			
04368-4910	1	F CA	A	21481 21481	8.851 12.098	0.006 0.106					69.196 128 63 69.196 210 67	-49.171 482 79 -49.171 253 37	1.68 1.68	-2.99 -2.99	-3.28 -3.28	1.09 1.11 1.10 29.45 30.20 1.10	1.21 1.15 1.21 1.15	A	13	0.85					
04369-1456	1	F CA	A	21488 21488	8.173 10.513	0.005 0.044	8.762	0.009	8.115	0.009	69.224 545 08 69.223 808 97	-14.925 777 60 -14.926 003 52	14.74 14.74	46.76 46.76	32.33 32.33	1.26 1.00 1.48 11.17 9.16 1.48	1.95 1.38 1.95 1.38	A	252.4	2.69					
04371+4824	1	F CA	A	21507 21507	8.209 10.524	0.014 0.115	8.433	0.015	8.100	0.015	69.283 860 23 69.284 154 84	+48.399 413 47 +48.399 761 50	1.75 1.75	2.34 2.34	-3.41 -3.41	2.09 1.99 2.61 22.83 14.05 2.61	2.66 2.02 2.66 2.02	A	29	1.44					
04371-5452	1	F CA	A	21505 21505	9.564 10.331	0.007 0.013					69.280 502 58 69.280 334 67	-54.862 059 57 -54.861 908 39	9.85 9.85	19.81 19.81	30.63 30.63	1.59 1.86 1.54 3.85 3.93 1.54	1.61 2.14 1.61 2.14	A	327.4	0.646					
04373+0017	1	F CA	A	21528 21528	9.141 12.034	0.008 0.107	9.447	0.020	9.081	0.022	69.335 296 31 69.335 111 68	+0.289 844 83 +0.290 542 57	6.70 6.70	3.49 3.49	-12.65 -12.65	1.85 1.28 1.96 29.78 22.17 1.96	2.09 1.78 2.09 1.78	A	345	2.60					
04374+0528	1	F CA	A	21529 21529	10.670 11.166	0.018 0.027	10.894	0.068	10.399	0.071	69.342 440 35 69.342 822 93	+5.472 302 17 +5.472 082 19	3.34 3.34	-5.38 -5.38	-5.01 -5.01	4.81 3.37 4.42 10.76 8.09 4.42	6.08 4.99 6.08 4.99	A	120.0	1.58					
04374-0951	1	F CA	A	21536 21536	9.252 9.876	0.022 0.038					69.359 481 05 69.359 399 53	-9.850 341 16 -9.850 302 81	10.54 10.54	70.21 70.21	23.37 23.37	3.60 2.66 1.61 6.18 5.47 1.61	1.54 1.37 1.54 1.37	A	296	0.320					



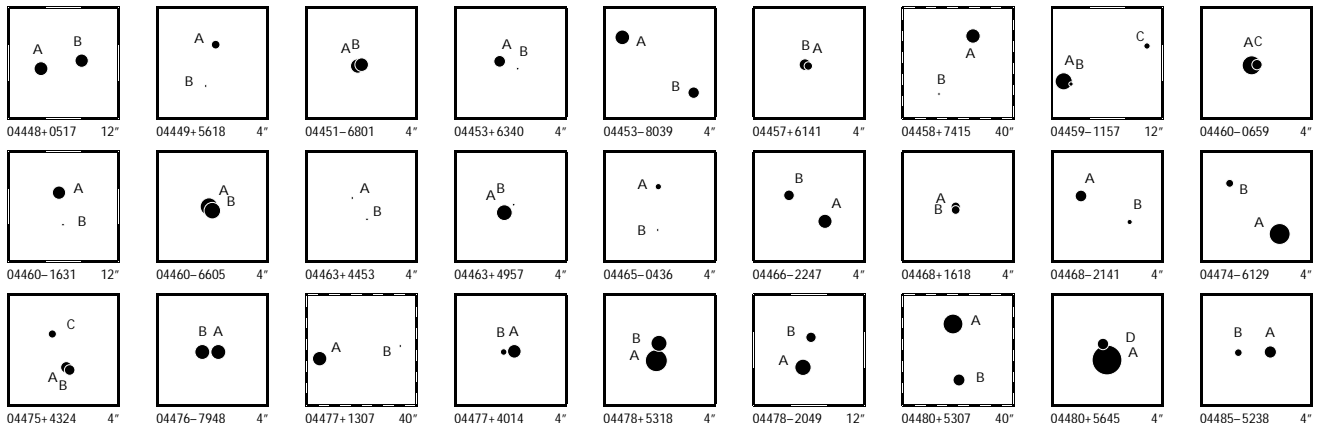
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04375+1418	1	FND	D	A 21542 B 21542	9.185 0.007 12.784 0.194	9.660 0.032	9.077 0.029	69.382 248 79 +14.302 061 68 69.384 132 60 +14.302 414 32	7.59 7.59	-8.95 -16.30 -8.95 -16.30	1.87 1.34 2.21 2.58 1.68 70.00 39.46 2.21 2.58 1.68	A 79.1 6.69														
04380-1302	1	ICA	A	A 21577 B 21578	7.355 0.008 7.958 0.012	7.390 0.006 8.061 0.009	7.340 0.007 7.852 0.010	69.498 970 56 -13.028 877 08 69.499 455 32 -13.032 292 30	2.27 4.98	22.95 -18.61 22.80 -18.74	2.34 1.68 2.25 2.96 2.30 5.93 4.21 3.41 4.65 4.11	A 172.13 12.412 0.00 0.000														
04381+5707	1	FCA	A	A 21581 B 21581	8.554 0.013 10.102 0.053			69.514 605 57 +57.110 647 92 69.514 534 57 +57.110 716 78	2.61 2.61	-5.76 -7.91 -5.76 -7.91	1.73 1.92 1.34 0.94 0.90 7.09 6.21 1.34 0.94 0.90	A 331 0.28														
04382-1418	1	LCA	A	A 21594 B 21594	4.098 0.001 6.994 0.019			69.545 295 58 -14.303 587 00 69.545 228 99 -14.303 371 50	29.84 29.84	-77.86 -178.06 -63.71 -140.84	0.63 0.48 0.62 0.74 0.57 5.83 5.39 0.62 4.28 4.04	A 343.3 0.810 +1.7 +0.032														
04383+5347	1	FCA	A	A 21607 B 21607	9.004 0.006 10.972 0.032			69.579 083 16 +53.784 071 75 69.579 021 07 +53.783 964 55	9.48 9.48	2.92 0.56 2.92 0.56	1.90 1.60 1.70 1.68 1.41 13.47 9.41 1.70 1.68 1.41	A 199 0.41														
04385+2656	1	LCA	B	A 21619 A 21619	7.322 0.005 7.442 0.006	7.607 0.011 7.744 0.009	7.248 0.013 7.358 0.011	69.622 863 82 +26.939 424 08 69.623 118 18 +26.940 571 86	14.29 14.29	42.99 -66.05 41.29 -55.80	2.22 1.35 1.64 1.83 1.32 3.06 1.73 1.64 2.70 2.02	B 11.18 4.212 -0.05 +0.010														
04389-1207	1	FCA	A	A 21644 B 21644	5.191 0.007 7.216 0.042			69.723 314 34 -12.123 084 06 69.723 261 15 -12.123 040 95	14.34 14.34	-65.10 -17.68 -65.10 -17.68	1.43 1.27 0.78 0.89 0.68 8.61 8.02 0.78 0.89 0.68	A 310 0.24														
04390+4834	1	FCB	A	A 21659 B 21659	12.079 0.047 12.492 0.069			69.755 815 40 +48.567 976 13 69.753 926 60 +48.568 452 71	18.49 18.49	96.20 -147.94 96.20 -147.94	8.19 7.15 7.93 9.22 7.51 33.35 19.24 7.93 9.22 7.51	A 290.9 4.82														
04391+1024	1	FCA	A	A 21663 B 21663	9.778 0.011 11.422 0.046	10.170 0.032	9.645 0.032	69.766 590 82 +10.398 944 81 69.765 860 71 +10.399 226 81	5.02 5.02	1.34 -5.71 1.34 -5.71	2.44 1.64 2.34 2.73 2.27 13.24 8.97 2.34 2.73 2.27	A 291.4 2.78														
04395+2801	1	FCA	A	A 21699 B 21699	9.473 0.115 10.500 0.297			69.884 509 37 +28.021 684 25 69.884 517 97 +28.021 645 82	1.73 1.73	5.82 -11.40 5.82 -11.40	4.74 8.58 1.19 1.45 1.06 12.03 16.86 1.19 1.45 1.06	A 169 0.14														
04395+3408	1	FCA	A	A 21697 B 21697	10.071 0.020 11.355 0.061			69.879 129 56 +34.129 157 70 69.879 009 69 +34.129 209 18	8.90 8.90	30.66 -52.21 30.66 -52.21	4.29 3.18 2.96 3.45 2.30 17.73 15.13 2.96 3.45 2.30	A 297 0.40														
04395+6313	1	FCA	A	A 21695 B 21695	7.808 0.003 11.366 0.080	7.908 0.007	7.746 0.009	69.866 341 07 +63.220 812 00 69.865 417 13 +63.219 862 94	4.28 4.28	-4.76 -1.05 -4.76 -1.05	0.69 0.71 1.03 0.72 0.79 18.82 23.42 1.03 0.72 0.79	A 203.7 3.73														
04395-4507	1	LCA	A	A 21698 B 21698	9.447 0.041 10.233 0.085			69.881 657 10 -45.123 442 02 69.881 555 40 -45.123 445 37	22.34 22.34	-64.20 -84.99 -42.04 -71.58	5.67 3.97 1.07 1.82 3.64 10.41 9.01 1.07 3.37 6.75	A 267 0.259 +3 -0.023														
04396-2115	1	FCA	A	A 21704 B 21704	7.405 0.005 10.466 0.082	8.390 0.010	7.304 0.006	69.904 242 64 -21.247 599 19 69.904 686 69 -21.247 664 54	11.68 11.68	12.96 21.67 12.96 21.67	0.86 0.87 1.13 0.95 0.95 19.61 19.48 1.13 0.95 0.95	A 99 1.51														
04397+0952	1	FCB	A	A 21710 C 21710	9.363 0.006 12.771 0.136			69.927 570 18 +9.872 980 87 69.927 600 67 +9.872 773 55	35.21 35.21	-11.41 -373.65 -11.41 -373.65	1.89 1.24 1.81 2.10 1.67 49.41 33.10 1.81 2.10 1.67	A 172 0.75														
04400+5328	1	LCB	G	B 21730 A 21730 C 21730	5.860 0.108 7.353 0.432 7.556 0.019			69.991 807 87 +53.473 245 21 69.991 802 21 +53.473 201 89 69.991 610 46 +53.473 065 75	11.76 11.76 11.76	32.72 -80.13 48.40 -123.02 58.60 -105.80	1.10 3.52 0.86 1.11 1.23 7.99 27.98 0.86 4.38 6.04 7.96 5.80 0.86 4.16 3.09	B 184 0.16 -7 +0.04 B 213.2 0.772 -2.7 +0.007														
04400-3105	1	FCC	A	A 21733 B 21733	11.597 0.270 12.451 0.592			70.005 341 23 -31.075 702 84 70.005 324 09 -31.075 754 05	33.44 33.44	15.04 156.00 15.04 156.00	17.12 19.89 1.99 1.62 2.12 32.68 60.78 1.99 1.62 2.12	A 196 0.19														
04401+0319	1	ICA	A	A 21744 B 21745	9.757 0.009 10.470 0.017	9.875 0.032 10.735 0.066	9.695 0.039 10.165 0.059	70.031 171 83 +3.319 922 49 70.032 572 15 +3.322 721 98	3.14 -5.61	26.89 -5.12 -9.38 2.11	5.04 2.81 3.83 6.40 3.79 11.07 6.28 7.21 13.66 6.87	A 26.5 11.26 -0.2 -0.01														
04403-5857	1	LCA	A	A 21756 B 21756	7.322 0.004 7.533 0.005	8.175 0.016	7.402 0.014	70.073 836 79 -58.944 334 45 70.075 568 76 -58.944 338 70	32.30 32.30	30.97 174.81 56.61 178.63	1.14 1.09 0.98 1.03 1.03 1.78 2.02 0.98 1.55 1.95	A 90.27 3.217 -0.07 +0.026														
04404+1631	1	FCA	A	A 21762 B 21762	9.785 0.010 11.537 0.050			70.105 891 16 +16.513 734 14 70.105 875 67 +16.513 861 55	23.65 23.65	91.94 -30.69 91.94 -30.69	2.88 2.25 2.53 3.83 2.44 13.22 11.92 2.53 3.83 2.44	A 353 0.46														
04407-0112	1	FCA	A	A 21777 B 21777	8.956 0.009 10.182 0.027			70.170 984 90 -1.200 327 49 70.170 830 20 -1.200 258 32	7.17 7.17	-14.51 -22.17 -14.51 -22.17	3.31 1.68 2.64 3.50 1.82 9.83 6.27 2.64 3.50 1.82	A 294 0.61														
04408-5602	1	FCC	A	A 21787 B 21787	7.856 0.006 11.733 0.225	8.126 0.009	7.786 0.009	70.203 097 96 -56.030 942 39 70.203 504 91 -56.030 481 93	8.59 8.59	29.33 43.22 29.33 43.22	0.94 0.91 0.90 0.98 1.01 36.58 37.76 0.90 0.98 1.01	A 26 1.85														
04408-6248	1	FCA	A	A 21789 B 21789	8.867 0.006 10.101 0.017	9.257 0.020 10.303 0.048	8.716 0.019 9.593 0.038	70.204 955 42 -62.800 907 31 70.204 374 59 -62.800 192 23	7.54 7.54	25.77 22.10 25.77 22.10	1.19 1.20 1.14 1.04 1.24 4.70 5.55 1.14 1.04 1.24	A 339.6 2.75														
04409+0058	1	FCA	A	A 21795 B 21795	7.930 0.004 9.390 0.014	7.890 0.014 9.481 0.034	7.877 0.018 9.277 0.039	70.234 211 96 +0.962 790 05 70.233 353 76 +0.964 117 53	2.59 2.59	-0.33 -0.72 -0.33 -0.72	1.39 0.88 1.42 1.45 1.09 5.17 3.67 1.42 1.45 1.09	A 327.1 5.690														
04409-4230	1	FCB	A	A 21794 B 21794	9.237 0.188 10.371 0.535			70.233 763 15 -42.500 999 24 70.233 791 99 -42.500 961 32	5.38 5.38	2.40 13.96 2.40 13.96	9.11 12.62 0.91 0.82 0.91 26.34 33.32 0.91 0.82 0.91	A 29 0.16														
04410+4840	1	FND	D	A 21800 B 21800	9.323 0.010 13.176 0.334	10.783 0.079	9.310 0.036	70.252 235 62 +48.668 252 06 70.249 154 08 +48.669 214 85	4.39 4.39	16.40 -19.19 16.40 -19.19	2.04 1.60 2.00 2.24 2.04 110.90 85.82 2.00 2.24 2.04	A 295 8.10														
04411-4542	1	FCA	A	A 21806 B 21806	9.257 0.007 9.460 0.009	9.404 0.020 9.579 0.019	9.080 0.025 9.223 0.023	70.264 484 11 -45.704 852 26 70.265 415 90 -45.704 914 37	3.51 3.51	-13.22 11.08 -13.22 11.08	1.50 1.54 1.47 1.49 1.61 3.38 2.95 1.47 1.49 1.61	A 95.5 2.353														



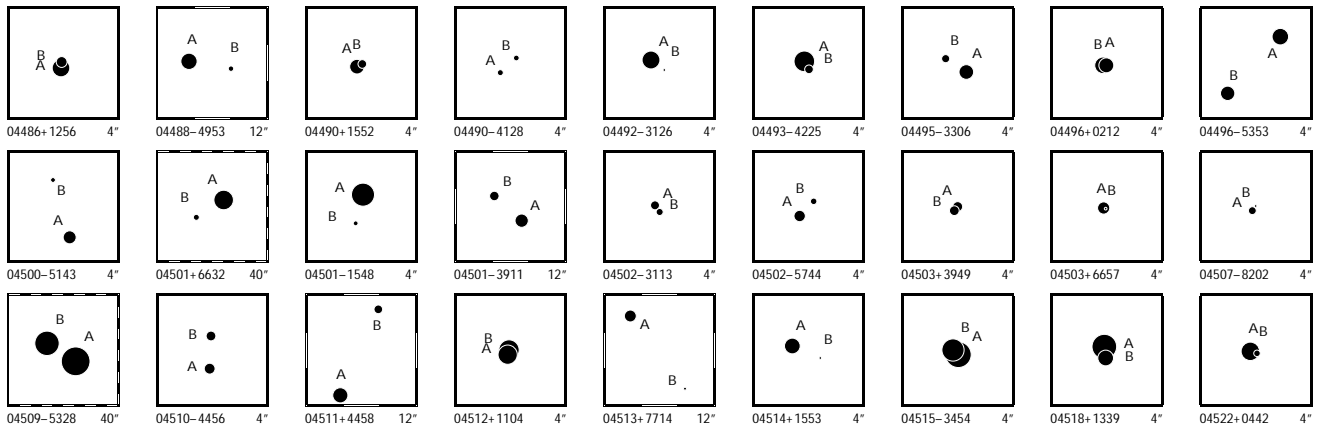
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt								
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	deg	deg	17	18	mas/yr	19	20	mas	21	22	23	mas/yr	24	25	°	"	°/yr	"/yr
04417+2244	1	F CA	A 21840 B 21840	8.702 0.019 10.861 0.125	10.978 0.094 11.889 0.274	8.852 0.028 10.552 0.128		70.430 646 22 +22.731 599 80 70.433 760 55 +22.735 152 64	3.24 3.24	4.77 -8.87 4.77 -8.87	2.71 1.76 2.74 3.10 2.12 39.75 27.31 2.74 3.10 2.12	A 39.0 16.45																			
04417-5219	1	F CA	A 21838 B 21838	8.635 0.007 9.595 0.016				70.426 102 60 -52.312 302 37 70.425 903 75 -52.312 326 21	7.29 7.29	-2.04 53.08 -2.04 53.08	1.52 1.23 1.11 1.13 1.00 3.79 4.13 1.11 1.13 1.00	A 259 0.446																			
04418+2840	1	I CB	A 21845 B 21842	8.965 0.006 11.130 0.027	9.448 0.028	8.906 0.025		70.446 862 33 +28.660 011 49 70.441 448 19 +28.653 561 44	8.27 1.17	11.85 -14.73 3.84 -29.88	2.46 1.63 2.01 2.78 1.85 15.24 9.49 9.00 13.03 8.67	A 216.38 28.84 -0.01 +0.02																			
04418-6113	1	F CA	A 21841 B 21841	8.423 0.007 8.509 0.007	8.424 0.011 8.506 0.012	8.345 0.014 8.405 0.014		70.438 387 94 -61.217 738 09 70.435 674 78 -61.219 253 46	5.49 5.49	7.47 15.07 7.47 15.07	1.62 1.67 1.50 1.67 1.75 3.32 3.65 1.50 1.67 1.75	A 220.76 7.203																			
04419-4750	1	F CA	A 21849 B 21849	7.528 0.004 10.222 0.042	7.784 0.007 10.463 0.082	7.488 0.008 9.597 0.057		70.465 833 61 -47.825 952 20 70.464 687 56 -47.826 623 95	11.12 11.12	-28.06 -38.61 -28.06 -38.61	0.78 0.77 0.79 0.78 0.82 11.56 9.79 0.79 0.78 0.82	A 228.9 3.68																			
04420-5031	1	F CC	A 21855 B 21855	8.381 0.012 11.938 0.302				70.495 726 72 -50.518 718 34 70.495 667 21 -50.518 626 88	5.14 5.14	-5.92 15.30 -5.92 15.30	1.59 2.07 1.01 0.96 1.00 41.38 47.29 1.01 0.96 1.00	A 338 0.36																			
04420-5448	1	F CB	A 21857 B 21857	8.142 0.005 11.843 0.160	9.237 0.013	8.077 0.009		70.498 714 23 -54.800 456 70 70.498 636 08 -54.801 464 40	7.38 7.38	-9.46 47.78 -9.46 47.78	0.85 0.93 0.87 0.87 1.04 29.13 39.92 0.87 0.87 1.04	A 182.6 3.63																			
04422+0259	1	F CB	A 21880 S 21880	7.868 0.627 8.327 0.957				70.557 125 28 +2.990 060 94 70.557 121 88 +2.990 036 45	5.65 5.65	16.07 -17.51 16.07 -17.51	22.50 26.52 1.26 1.69 1.11 44.33 31.34 1.26 1.69 1.11	A 188 0.09																			
04422+2257	1	F CA	A 21881 S 21881	4.328 0.019 6.970 0.215				70.561 260 60 +22.956 977 95 70.561 309 18 +22.956 946 95	8.14 8.14	-2.84 -20.33 -2.84 -20.33	1.92 1.41 0.78 0.81 0.58 26.63 18.64 0.78 0.81 0.58	A 125 0.20																			
04422+3731	1	L CA	A 21878 B 21878	8.448 0.006 8.516 0.006				70.555 991 02 +37.514 892 93 70.556 045 78 +37.515 146 64	14.60 14.60	49.62 5.05 32.48 -3.74	2.80 1.71 2.31 2.42 1.54 3.96 2.36 2.31 3.17 2.19	A 9.7 0.927 -1.0 -0.012																			
04422-5607	1	F CA	A 21874 B 21874	8.202 0.011 11.326 0.200				70.543 123 85 -56.118 988 81 70.543 291 47 -56.119 013 35	8.25 8.25	37.65 60.58 37.65 60.58	2.33 1.29 0.87 0.92 1.02 24.30 24.81 0.87 0.92 1.02	A 105 0.35																			
04424-0056	1	F CA P	A 21894 B 21894	6.950 0.006 9.198 0.039				70.594 095 45 -0.929 854 73 70.593 975 53 -0.929 904 94	7.06 7.06	-18.75 -18.71 -18.75 -18.71	1.40 0.89 1.16 1.23 0.86 11.41 6.47 1.16 1.23 0.86	A 247 0.47																			
04425-2058	1	F CA	A 21900 S 21900	8.466 0.084 8.799 0.114				70.632 200 62 -20.973 107 80 70.632 150 15 -20.973 112 23	2.58 2.58	2.57 -2.43 2.57 -2.43	7.17 2.76 0.93 0.72 0.71 8.73 3.63 0.93 0.72 0.71	A 265 0.170																			
04426-1314	1	F CA	A 21906 B 21906	11.259 0.066 11.708 0.092	11.984 0.127 11.434 0.069	11.190 0.102 11.041 0.083		70.656 536 38 -13.238 394 90 70.655 497 34 -13.233 084 99	4.80 4.80	19.78 -13.69 19.78 -13.69	4.45 3.96 7.17 7.28 5.49 23.35 20.66 7.17 7.28 5.49	A 349.2 19.46																			
04429-4519	1	F ND D	A 21930 B 21930	9.597 0.013 12.891 0.257				70.729 953 50 -45.315 522 97 70.730 069 10 -45.315 435 04	4.04 4.04	-8.04 -6.22 -8.04 -6.22	1.37 1.41 1.26 1.48 1.40 49.02 52.43 1.26 1.48 1.40	A 43 0.43																			
04430+5308	1	F CA	A 21937 B 21937	8.392 0.005 10.354 0.027	8.773 0.013 10.833 0.099	8.306 0.013 10.064 0.076		70.741 357 53 +53.138 418 01 70.739 888 64 +53.139 281 10	6.50 6.50	53.43 -66.16 53.43 -66.16	1.39 1.12 1.54 1.73 1.38 7.67 6.89 1.54 1.73 1.38	A 314.4 4.44																			
04430+5712	1	L CA	A 21941 B 21941	8.695 0.018 8.847 0.020				70.744 861 03 +57.202 018 73 70.744 797 19 +57.202 095 81	12.64 12.64	-26.07 30.97 -15.31 41.40	2.28 2.42 1.39 1.55 1.32 3.38 3.14 1.39 2.03 1.69	A 336 0.304 +3 +0.005																			
04431-0725	1	F CA	A 21955 B 21955	9.395 0.006 9.862 0.010				70.779 940 38 -7.411 689 81 70.780 035 00 -7.411 883 10	1.73 1.73	1.64 -0.89 1.64 -0.89	3.34 2.31 3.20 4.13 3.15 5.34 3.59 3.20 4.13 3.15	A 154.1 0.773																			
04431-2219	1	F CA	A 21948 B 21948	8.930 0.005 9.952 0.013				70.766 149 33 -22.322 281 41 70.765 985 40 -22.322 228 43	3.04 3.04	2.74 -4.12 2.74 -4.12	1.85 1.57 2.08 1.52 1.50 3.77 5.04 2.08 1.52 1.50	A 289 0.578																			
04433+5931	1	L CA	A 21966 S 21966	7.252 0.048 7.423 0.056				70.823 958 66 +59.521 233 13 70.824 064 95 +59.521 236 63	5.80 5.80	0.82 -36.63 14.11 -46.55	4.90 1.70 0.81 0.95 1.02 4.95 1.94 0.81 1.07 1.14	A 86 0.194 +3 +0.013																			
04434+0516	1	F CC	A 21975 B 21975	8.230 0.005 12.327 0.198				70.853 965 28 +5.264 570 48 70.854 033 85 +5.264 422 89	3.75 3.75	-12.54 -2.32 -12.54 -2.32	1.44 1.12 1.48 1.70 1.31 69.57 41.99 1.48 1.70 1.31	A 155 0.59																			
04435+1220	1	F CA	A 21980 B 21980	10.209 0.012 10.532 0.015				70.877 351 32 +12.334 491 97 70.877 059 97 +12.334 535 00	8.22 8.22	-22.44 -14.52 -22.44 -14.52	5.46 3.28 5.25 6.00 4.13 10.42 6.44 5.25 6.00 4.13	A 278.6 1.04																			
04436-0848	1	F NB	A 21986 B 21986	6.827 0.009 6.919 0.010	7.251 0.008 7.825 0.011	6.826 0.009 6.775 0.008		70.894 699 25 -8.794 245 87 70.896 453 42 -8.796 156 23	8.04 8.04	28.84 -29.27 28.84 -29.27	2.83 2.19 1.39 1.45 1.18 1.53 1.20 1.39 1.45 1.18	B 137.78 9.287																			
04438-1041	1	F CA D	A 22000 B 22000	7.976 0.008 11.617 0.206				70.940 944 80 -10.682 250 01 70.940 936 30 -10.682 428 13	5.40 5.40	6.35 9.70 6.35 9.70	1.01 1.06 1.29 1.28 1.16 29.04 27.27 1.29 1.28 1.16	A 183 0.64																			
04441+4225	1	F CA	A 22019 B 22019	7.694 0.005 10.433 0.056	7.914 0.011 10.435 0.067	7.652 0.011 10.191 0.102		71.012 730 00 +42.418 871 10 71.013 549 13 +42.420 319 53	-0.76 -0.76	2.62 -4.03 2.62 -4.03	1.32 1.04 1.38 1.31 1.12 18.69 13.23 1.38 1.31 1.12	A 22.7 5.65																			
04445+3953	1	F CA	A 22050 B 22050	8.834 0.049 9.683 0.080				71.137 373 81 +39.875 581 19 71.137 355 54 +39.875 525 82	5.12 5.12	34.14 -30.93 34.14 -30.93	7.65 9.16 1.55 1.64 1.58 17.75 15.10 1.55 1.64 1.58	A 194 0.21																			
04447-4725	1	F CC	A 22062 B 22062	8.494 0.005 12.586 0.196	9.040 0.013	8.423 0.012		71.179 113 00 -47.411 656 73 71.179 261 65 -47.411 952 43	16.14 16.14	249.32 -63.47 249.32 -63.47	0.88 0.89 0.87 0.85 0.89 35.31 53.79 0.87 0.85 0.89	A 161 1.12																			



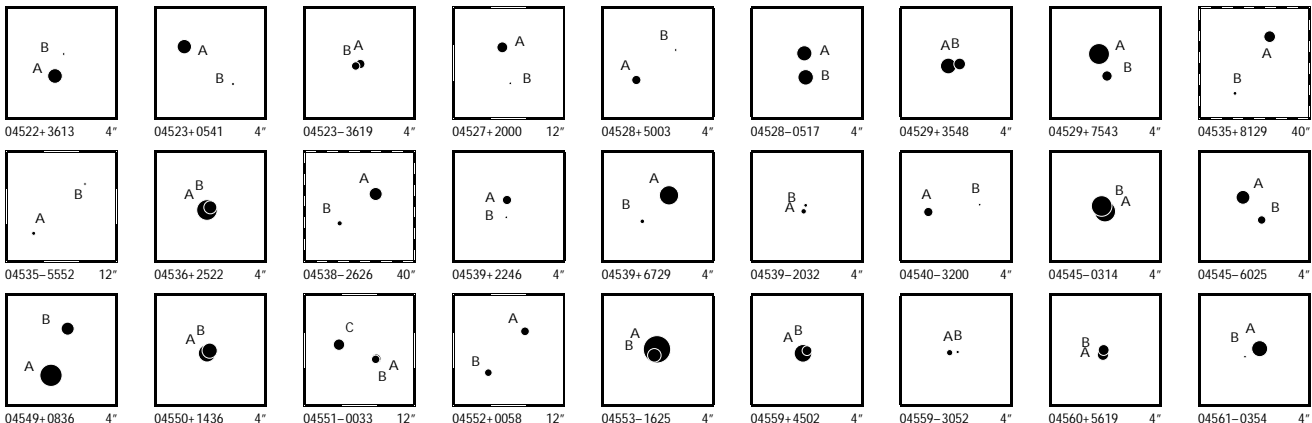
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04448+0517	1	LCA	A 22067 B 22067	8.936 0.009 9.077 0.010	9.756 0.035 9.723 0.026	8.828 0.026 8.684 0.019		71.200 996 61 71.199 729 18	+5.289 538 34 +5.289 782 40	23.43 23.43	-116.07 -121.83	-43.76 -58.36	2.70 1.72 2.55 4.95 3.53 2.55	2.36 1.80 4.81 3.44	A 280.95	4.627	-0.19	+0.003								
04449+5618	1	FND	D A 22079 B 22079	10.085 0.012 13.011 0.171	10.415 0.036	10.023 0.041		71.234 163 48 71.234 359 00	+56.300 160 25 +56.299 734 19	-0.13 -0.13	-5.59 -5.59	-7.23 -7.23	1.78 1.56 2.55 49.74 35.33 2.55	1.74 1.67 1.74 1.67	A 166	1.58										
04451-6801	1	FCA	A 22088 B 22088	8.792 0.099 9.005 0.120				71.282 194 66 71.282 084 79	-68.021 341 17 -68.021 322 15	8.70 8.70	40.09 40.09	68.50 68.50	7.86 5.84 0.65 7.86 6.51 0.65	0.71 0.89 0.71 0.89	A 295	0.16										
04453+6340	1	FCA	A 22098 B 22098	9.404 0.006 11.474 0.040				71.329 659 88 71.329 253 24	+63.667 313 77 +63.667 244 57	3.22 3.22	-1.89 -1.89	0.41 0.41	1.31 1.24 1.77 8.67 9.75 1.77	1.43 1.37 1.43 1.37	A 249	0.70										
04453-8039	1	FCA	A 22101 B 22101	8.738 0.022 9.466 0.023	9.109 0.019	8.694 0.019		71.359 323 17 71.354 818 69	-80.641 371 33 -80.641 941 64	8.58 8.58	18.44 18.44	52.77 52.77	1.92 2.08 1.81 4.61 5.00 1.81	2.06 2.24 2.06 2.24	A 232.1	3.342										
04457+6141	1	FCA	B 22125 A 22125	9.417 0.179 10.125 0.344				71.421 121 39 71.421 041 70	+61.689 510 86 +61.689 500 37	0.35 0.35	3.56 3.56	-4.15 -4.15	12.92 4.67 1.06 20.06 8.53 1.06	0.93 0.87 0.93 0.87	B 254	0.14										
04458+7415	1	INC	A 22131 B 22135	8.830 0.014 11.977 0.192	9.832 0.019	8.745 0.013		71.439 628 36 71.452 648 66	+74.249 972 14 +74.243 996 68	3.25 20.68	-8.33 -10.29	-1.96 -1.26	1.37 1.78 1.71 39.88 53.88 33.21	1.44 1.91 28.31 39.15	A 149.4	24.99	0.0	0.00								
04459-1157	1	LND	X A 22140 C 22140 B 22140	8.241 0.026 10.590 0.139 11.013 0.213	10.318 0.042	10.020 0.050		71.462 735 56 71.460 102 71 71.462 492 25	-11.949 393 22 -11.948 314 64 -11.949 486 95	5.38 5.38 5.38	-4.68 30.26 262.19	-18.29 0.01 -97.50	2.18 1.85 2.44 24.17 20.60 2.44 33.28 28.37 2.44	2.53 2.01 19.39 13.85 28.65 18.83	A 292.7 A 249	10.05 0.92	+0.2 -11	-0.03 -0.22								
04460-0659	1	FCA	A 22151 C 22151	7.811 0.048 9.730 0.282				71.498 749 57 71.498 693 33	-6.988 025 52 -6.988 022 26	14.60 14.60	-20.50 -20.50	-93.79 -93.79	5.61 2.92 1.12 23.36 18.08 1.12	1.14 0.93 1.14 0.93	A 273	0.20										
04460-1631	1	FCB	A 22158 B 22158	9.079 0.009 12.189 0.155	9.122 0.014	9.037 0.017		71.512 138 29 71.512 010 78	-16.515 786 07 -16.516 765 14	2.61 2.61	6.37 6.37	3.35 3.35	1.52 1.33 1.96 36.96 30.72 1.96	1.70 1.63 1.70 1.63	A 187	3.55										
04460-6605	1	LCA	A 22150 B 22150	8.118 0.044 8.348 0.055				71.496 419 23 71.496 340 55	-66.078 763 83 -66.078 809 07	10.71 10.71	21.07 38.17	33.25 33.67	3.54 3.97 0.62 3.92 4.36 0.62	2.04 1.44 2.46 1.71	A 215	0.199	-4	-0.010								
04463+4453	1	FCA	A 22182 B 22182	12.278 0.059 12.684 0.085				71.587 358 70 71.587 156 88	+44.890 371 94 +44.890 147 28	25.54 25.54	14.38 14.38	-5.31 -5.31	8.62 8.80 11.70 27.82 19.46 11.70	9.88 10.82 9.88 10.82	A 212	0.96										
04463+4957	1	FND	D A 22174 B 22174	8.511 0.006 11.817 0.128				71.564 755 71 71.564 598 78	+49.948 226 84 +49.948 305 69	4.25 4.25	7.33 7.33	-19.96 -19.96	1.65 1.36 1.53 53.42 33.31 1.53	2.05 1.51 2.05 1.51	A 308	0.46										
04465-0436	1	FCA	A 22206 B 22206	10.648 0.017 11.379 0.033	11.463 0.088	10.578 0.070		71.637 243 02 71.637 247 06	-4.604 834 27 -4.605 283 58	11.82 11.82	-194.35 -194.35	-146.11 -146.11	3.40 2.40 3.12 11.72 7.91 3.12	3.52 2.74 3.52 2.74	A 179.5	1.62										
04466-2247	1	FCA	A 22209 B 22209	8.870 0.007 9.688 0.015	9.199 0.017	8.690 0.016		71.643 918 44 71.644 318 85	-22.779 610 79 -22.779 346 09	6.38 6.38	7.86 7.86	-22.30 -22.30	1.52 1.56 1.98 4.56 4.71 1.98	1.43 1.41 1.43 1.41	A 54.4	1.635										
04468+1618	1	FCB	A 22225 B 22225	9.985 0.446 10.052 0.475				71.705 816 63 71.705 822 12	+16.301 622 30 +16.301 591 53	-0.48 -0.48	6.39 6.39	-2.60 -2.60	10.02 27.07 1.31 11.49 20.26 1.31	1.24 0.98 1.24 0.98	A 170	0.11										
04468-2141	1	FCA	A 22228 B 22228	9.407 0.007 10.866 0.024	9.570 0.018	9.205 0.014		71.712 078 76 71.711 540 39	-21.687 887 82 -21.688 152 83	4.93 4.93	3.10 3.10	-7.19 -7.19	1.41 1.38 1.85 6.05 6.89 1.85	1.49 1.40 1.49 1.40	A 242.1	2.04										
04474-6129	1	FCA	A 22249 B 22249	7.403 0.004 10.255 0.056	7.769 0.007	7.335 0.009		71.840 284 62 71.841 367 52	-61.476 057 18 -61.475 534 24	13.28 13.28	47.98 47.98	-24.45 -24.45	0.81 0.81 0.77 14.00 15.03 0.77	0.83 0.90 0.83 0.90	A 44.7	2.65										
04475+4324	1	FNB	G A 22255 B 22255 C 22255	9.499 0.638 9.660 0.737 10.213 0.055				71.871 117 29 71.871 068 85 71.871 310 24	+43.400 575 32 +43.400 548 68 +43.400 910 81	3.70 3.70 3.70	13.03 13.03 13.03	-22.76 -22.76 -22.76	22.28 16.43 2.17 30.65 20.47 2.17 31.20 24.93 2.17	2.41 1.75 2.41 1.75 2.41 1.75	A 233 A 23	0.16 1.31										
04476-7948	1	FCA	A 22260 B 22260	8.675 0.004 8.696 0.004				71.894 375 77 71.895 269 97	-79.807 242 98 -79.807 240 02	2.14 2.14	-1.42 -1.42	2.37 2.37	2.09 1.65 1.55 2.70 2.65 1.55	2.11 1.58 2.11 1.58	A 88.9	0.570										
04477+1307	1	IND	D A 22267 B 22266	8.833 0.008 12.216 0.126	9.286 0.019	8.783 0.018		71.916 733 92 71.908 266 27	+13.114 665 74 +13.115 935 04	5.77 6.12	26.25 -3.72	-2.37 -36.91	2.49 1.60 2.04 51.33 28.83 27.16	2.76 2.01 30.56 22.68	A 278.75	30.04	-0.07	+0.02								
04477+4014	1	FCA	P A 22272 B 22272	8.981 0.029 10.543 0.109				71.929 565 18 71.929 712 41	+40.232 537 39 +40.232 529 30	-2.19 -2.19	3.94 3.94	-0.92 -0.92	4.12 2.63 2.97 22.01 15.41 2.97	2.42 1.86 2.42 1.86	A 94	0.41										
04478+5318	1	LCA	A 22279 B 22279	7.160 0.002 8.431 0.008				71.956 339 41 71.956 288 19	+53.301 277 12 +53.301 450 70	8.14 8.14	15.86 20.87	-77.88 -74.77	1.03 0.86 1.02 2.65 2.17 1.02	1.05 0.79 2.35 1.56	A 350.0	0.635	+0.5	+0.002								
04478-2049	1	FCA	A 22277 B 22277	8.384 0.006 9.719 0.020	8.540 0.009	8.341 0.008		71.944 033 34 71.943 787 67	-20.809 713 80 -20.808 800 96	2.90 2.90	-5.35 -5.35	4.45 4.45	1.29 1.21 1.67 5.13 5.29 1.67	1.34 1.31 1.34 1.31	A 345.9	3.39										
04480+5307	1	ICA	A 22290 B 22289	7.626 0.020 9.368 0.080	7.778 0.011	7.577 0.013		72.007 175 00 72.006 178 31	+53.122 001 92 +53.116 212 78	7.48 19.98	-6.93 -1.24	3.76 -0.17	1.71 1.43 1.58 23.28 17.62 11.40	2.00 1.56 15.02 11.72	A 185.90	20.95	-0.02	0.00								
04480+5645	1	FCB	A 22287 D 22287	5.372 0.003 9.492 0.117				72.000 902 98 72.000 970 19	+56.757 539 19 +56.757 704 43	20.12 20.12	53.02 53.02	-146.40 -146.40	0.63 0.61 0.79 28.84 23.22 0.79	0.58 0.54 0.58 0.54	A 13	0.61										
04485-5238	1	FCA	A 22322 B 22322	9.311 0.009 10.305 0.021	9.775 0.019	9.085 0.016		72.126 390 91 72.126 927 87	-52.629 344 21 -52.629 350 93	10.28 10.28	62.31 62.31	190.99 190.99	1.44 1.58 1.44 6.04 5.11 1.44	1.36 1.88 1.36 1.88	A 91.2	1.17										



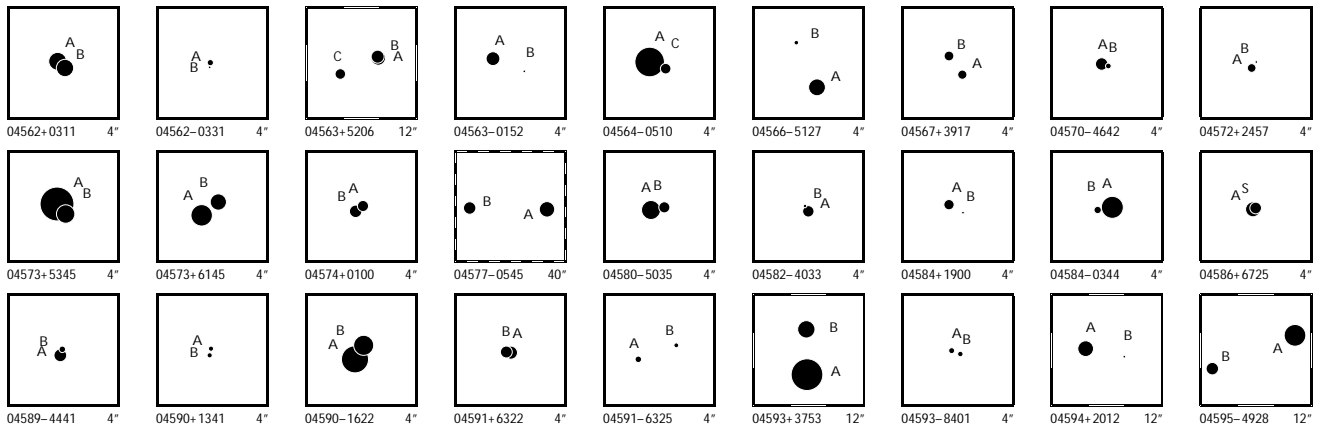
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	mag	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
04486+1256	1	F CA	A 22327 B 22327	8.099 0.030 9.575 0.118					72.138 776 40 +12.925 436 68 72.138 764 51 +12.925 498 66	5.18 5.18	-6.57 -12.59 -6.57 -12.59	2.88 3.85 1.17 1.42 1.01 11.09 10.24 1.17 1.42 1.01	A 349	0.23													
04488-4953	1	F CA	A 22359 B 22359	8.374 0.006 10.801 0.052	8.780 0.012 11.143 0.089	8.294 0.011 10.527 0.081			72.197 139 42 -49.885 600 83 72.195 106 44 -49.885 832 52	7.04 7.04	142.77 -14.13 142.77 -14.13	0.98 1.05 1.04 1.05 1.24 10.77 13.75 1.04 1.05 1.24	A 260.0	4.79													
04490+1552	1	F CA	A 22376 B 22376	8.774 0.083 10.053 0.270					72.259 886 41 +15.863 203 41 72.259 824 15 +15.863 227 60	2.18 2.18	7.38 -3.81 7.38 -3.81	13.00 9.41 1.81 2.08 1.60 34.02 25.74 1.81 2.08 1.60	A 292	0.23													
04490-4128	1	F CA	A 22377 B 22377	10.660 0.014 10.741 0.015					72.259 875 98 -41.466 096 58 72.259 654 90 -41.465 944 17	6.77 6.77	-40.38 -129.96 -40.38 -129.96	4.55 5.00 4.09 4.61 5.34 6.16 7.52 4.09 4.61 5.34	A 312.6	0.81													
04492-3126	1	F CB	A 22395 B 22395	8.052 0.005 11.623 0.118					72.305 277 95 -31.426 536 24 72.305 122 35 -31.426 631 20	23.28 23.28	109.67 -21.01 109.67 -21.01	0.94 1.01 1.08 0.88 1.05 26.19 28.83 1.08 0.88 1.05	A 234	0.59													
04493-4225	1	F CA	A 22411 B 22411	7.469 0.005 10.053 0.057					72.334 985 16 -42.413 682 46 72.334 918 69 -42.413 766 77	4.37 4.37	-22.25 4.09 -22.25 4.09	0.97 1.06 0.72 0.65 0.78 10.14 9.41 0.72 0.65 0.78	A 210	0.35													
04495-3306	1	L CA	A 22425 B 22425	8.733 0.005 10.185 0.018					72.387 132 64 -33.093 776 77 72.387 389 82 -33.093 645 42	8.91 8.91	-58.88 -76.75 -50.23 -75.46	1.23 1.46 1.49 1.02 1.39 5.52 7.11 1.49 3.00 4.85	A 58.6	0.908 +0.2 +0.008													
04496+0212	1	F CA	B 22428 A 22428	8.350 0.188 8.694 0.258					72.388 313 26 +2.201 767 86 72.388 272 46 +2.201 769 65	4.57 4.57	3.76 -4.30 3.76 -4.30	15.34 4.42 0.95 1.05 0.72 14.53 6.11 0.95 1.05 0.72	B 273	0.15													
04496-5353	1	L CA	A 22431 B 22431	8.312 0.005 8.817 0.008	9.081 0.026 9.627 0.031	8.189 0.019 8.678 0.020			72.403 842 35 -53.882 079 28 72.404 764 84 -53.882 669 28	34.10 34.10	135.24 231.90 153.45 228.89	1.25 1.13 1.06 1.00 1.04 3.44 3.30 1.06 2.26 2.10	A 137.34	2.888 -0.23 +0.015													
04500-5143	1	F CA	A 22459 B 22459	9.136 0.007 10.892 0.032	9.459 0.014 10.469 0.083	8.964 0.018 9.946 0.051			72.496 181 08 -51.710 359 06 72.496 449 88 -51.709 775 30	1.75 1.75	17.05 -3.57 17.05 -3.57	1.28 1.29 1.25 1.40 1.56 8.67 8.08 1.25 1.40 1.56	A 15.9	2.19													
04501+6632	1	F CA	A 22465 B 22465	7.656 0.005 10.703 0.077	9.081 0.012 11.248 0.079	7.612 0.007 10.524 0.064			72.522 679 16 +66.535 421 88 72.529 714 99 +66.533 609 58	3.38 3.38	10.20 -33.17 10.20 -33.17	0.80 0.84 1.12 0.76 0.85 20.37 20.61 1.12 0.76 0.85	A 122.9	12.01													
04501-1548	1	F CC	A 22467 B 22467	6.912 0.004 10.949 0.156	7.929 0.006 8.634 0.004				72.528 329 28 -15.804 259 46 72.528 404 66 -15.804 553 13	5.03 5.03	3.94 -28.59 3.94 -28.59	0.77 0.71 1.07 1.03 0.87 41.11 43.11 1.07 1.03 0.87	A 166	1.09													
04501-3911	1	F CA	A 22463 B 22463	9.051 0.007 9.874 0.013	9.427 0.018 10.267 0.036	8.918 0.017 9.661 0.034			72.517 522 17 -39.180 997 68 72.518 614 01 -39.180 233 54	9.34 9.34	-95.49 49.51 -95.49 49.51	1.58 1.58 1.69 1.63 1.86 3.74 4.90 1.69 1.63 1.86	A 47.9	4.105													
04502-3113	1	L CA	A 22484 B 22484	10.027 0.038 10.451 0.056					72.556 538 66 -31.208 181 05 72.556 483 22 -31.208 251 81	8.87 8.87	39.28 -15.84 15.89 -3.96	3.35 4.18 1.82 2.08 2.73 6.57 7.60 1.82 3.64 4.52	A 214	0.307 +5 +0.003													
04502-5744	1	F CA	A 22478 B 22478	9.480 0.007 10.568 0.017					72.545 100 42 -57.732 080 43 72.544 830 38 -57.731 938 54	4.63 4.63	-30.38 17.27 -30.38 17.27	1.67 1.73 1.58 1.76 1.89 5.61 6.66 1.58 1.76 1.89	A 315	0.73													
04503+3949	1	F CA	A 22487 B 22487	9.763 0.170 9.863 0.186					72.566 769 31 +39.824 682 06 72.566 813 39 +39.824 642 77	4.47 4.47	-8.30 -4.46 -8.30 -4.46	13.90 13.16 1.54 1.45 1.17 18.97 18.44 1.54 1.45 1.17	A 139	0.19													
04503+6657	1	F ND	A 22489 B 22489	9.273 0.521 11.510 4.086					72.570 040 56 +66.956 026 22 72.569 968 07 +66.956 022 91	1.48 1.48	3.22 -13.49 3.22 -13.49	16.93 6.81 1.34 0.88 1.04 256.78 58.44 1.34 0.88 1.04	A 263	0.10													
04507-8202	1	F CA	A 22518 B 22518	10.249 0.107 11.834 0.461					72.683 303 41 -82.032 521 52 72.683 035 80 -82.032 479 86	8.56 8.56	-18.73 -10.31 -18.73 -10.31	6.58 8.26 1.22 1.17 1.39 33.64 36.30 1.22 1.17 1.39	A 318	0.20													
04509-5328	1	I NB	A 22531 B 22534	5.666 0.018 6.591 0.038	5.972 0.004 6.912 0.006	5.654 0.004 6.427 0.004			72.730 776 22 -53.461 721 12 72.735 745 65 -53.459 903 99	26.97 31.18	-79.08 87.79 -87.35 84.89	1.64 1.61 1.32 1.46 1.72 9.87 10.11 4.99 5.64 6.86	A 58.44	12.50 -0.01 -0.01													
04510-4456	1	F CA	A 22537 B 22537	9.605 0.007 9.848 0.009					72.762 579 24 -44.925 790 07 72.762 555 84 -44.925 462 90	3.60 3.60	4.85 26.15 4.85 26.15	1.87 1.76 1.78 1.84 1.72 3.28 4.44 1.78 1.84 1.72	A 357.1	1.18													
04511+4458	1	I CA	A 22540 B 22539	8.661 0.008 10.085 0.024	8.831 0.021 10.210 0.053	8.635 0.024 9.888 0.061			72.770 147 05 +44.968 828 87 72.768 486 02 +44.971 484 84	1.48 4.09	-1.67 -1.12 -0.25 1.03	3.22 2.62 3.23 4.14 2.49 14.55 10.70 11.19 14.46 8.30	A 336.1	10.46 0.0 0.00													
04512+1104	1	L CA	B 22550 A 22550	7.504 0.090 7.748 0.112					72.801 998 59 +11.068 067 93 72.802 014 31 +11.068 020 75	20.15 20.15	100.61 9.43 71.31 -31.44	4.77 8.19 1.14 4.49 3.43 5.33 8.70 1.14 5.50 4.11	B 162	0.179 +13 +0.030													
04513+7714	1	L CA	A 22561 B 22561	9.338 0.008 11.313 0.048	9.496 0.016 9.267 0.018				72.834 666 09 +77.225 222 22 72.826 961 68 +77.222 985 78	2.57 2.57	17.36 -21.94 -0.39 1.22	1.35 1.55 1.61 1.12 1.36 11.58 15.09 1.61 7.71 9.04	A 217.30	10.12 +0.16 -0.01													
04514+1553	1	F CA	A 22568 B 22568	8.529 0.009 11.673 0.159	10.083 0.033 8.521 0.016				72.859 618 41 +15.881 526 99 72.859 317 16 +15.881 399 36	1.87 1.87	-2.59 -2.70 -2.59 -2.70	1.85 1.20 1.88 2.02 1.38 44.41 27.39 1.88 2.02 1.38	A 246	1.14													
04515-3454	1	L CA	A 22573 B 22573	6.306 0.014 7.051 0.027					72.867 474 14 -34.906 246 14 72.867 535 31 -34.906 203 94	11.39 11.39	25.71 -24.86 22.64 -17.60	1.31 1.42 0.59 0.54 0.71 2.54 2.98 0.59 0.90 1.32	A 49.9	0.236 -1.8 +0.002													
04518+1339	1	L CA	A 22607 B 22607	6.524 0.003 8.535 0.018					72.958 017 30 +13.655 194 10 72.958 008 38 +13.655 074 94	23.91 23.91	106.84 -16.00 73.35 -17.63	1.33 0.92 1.04 1.18 0.74 8.85 4.96 1.04 6.23 2.68	A 184	0.430 +4 +0.004													
04522+0442	1	F CB	A 22635 B 22635	7.913 0.048 10.538 0.542					73.046 837 99 +4.692 474 09 73.046 762 14 +4.692 456 52	4.29 4.29	0.68 15.25 0.68 15.25	6.99 2.34 1.45 1.43 0.97 63.20 25.96 1.45 1.43 0.97	A 257	0.28													



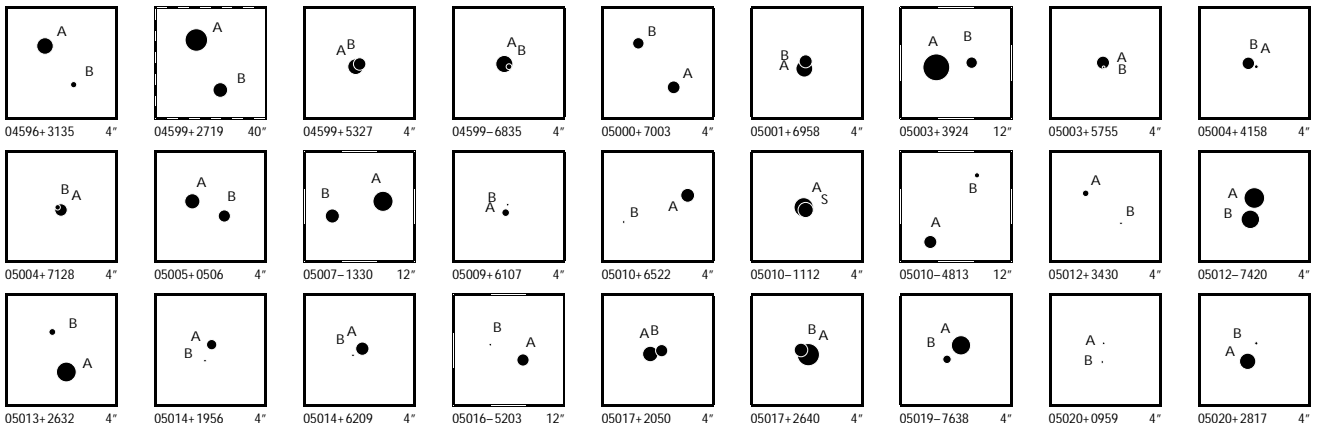
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04522+3613	1	FCA	A 22630 B 22630	8.776 0.006 11.968 0.107							73.038 293 56 +36.220 348 54 73.038 193 89 +36.220 573 83	3.94 3.94	-8.41 0.88 -8.41 0.88	1.80 1.25 1.74 1.63 1.34 33.89 20.47 1.74 1.63 1.34	A 340 0.86										
04523+0541	1	FCA	A 22642 B 22642	8.825 0.005 11.356 0.045	10.026 0.034	8.752 0.020					73.076 898 42 +5.676 959 47 73.076 396 71 +5.676 575 51	4.61 4.61	6.82 -30.05 6.82 -30.05	1.71 1.12 1.74 2.13 1.25 17.13 9.00 1.74 2.13 1.25	A 232.4 2.27										
04523-3619	1	FCA	A 22641 B 22641	9.976 0.105 10.154 0.123							73.065 940 41 -36.324 741 86 73.065 991 23 -36.324 752 83	8.03 8.03	16.49 -11.24 16.49 -11.24	8.10 4.65 0.93 0.73 0.88 7.81 5.91 0.93 0.73 0.88	A 105 0.153										
04527+2000	1	FCA	A 22684 B 22684	9.604 0.009 11.544 0.049	10.333 0.045	9.489 0.033					73.174 841 40 +20.000 656 43 73.174 562 35 +19.999 559 59	12.14 12.14	72.14 -19.74 72.14 -19.74	2.12 1.69 2.22 2.61 1.95 15.41 9.29 2.22 2.61 1.95	A 193.4 4.06										
04528+5003	1	FCA	A 22696 B 22696	9.935 0.011 11.390 0.039	10.116 0.037	9.823 0.044					73.195 890 24 +50.048 580 53 73.195 272 87 +50.048 894 74	7.19 7.19	-4.31 -6.29 -4.31 -6.29	4.05 2.22 3.77 3.77 2.27 18.50 12.01 3.77 3.77 2.27	A 308 1.82										
04528-0517	1	LN B	A 22692 B 22692	8.572 0.006 8.615 0.007							73.192 257 39 -5.286 541 20 73.192 268 07 -5.286 294 41	7.57 7.57	-12.40 -0.09 -13.69 -5.08	2.84 1.96 2.23 2.00 1.54 2.43 1.63 2.23 1.97 1.56	B 2.5 0.889 -0.1 -0.005										
04529+3548	1	FCA	A 22704 B 22704	8.527 0.010 9.397 0.023							73.234 608 62 +35.802 896 21 73.234 463 62 +35.802 916 60	1.20 1.20	-1.45 -9.94 -1.45 -9.94	2.29 1.53 1.96 1.65 1.22 5.37 4.11 1.96 1.65 1.22	A 280 0.430										
04529+7543	1	LCA	A 22703 B 22703	7.367 0.003 9.713 0.028							73.232 418 54 +75.710 520 58 73.232 097 58 +75.710 296 46	22.08 22.08	104.60 -174.43 76.84 -167.90	0.71 0.94 0.98 0.69 0.84 6.26 7.84 0.98 4.67 5.17	A 199.5 0.856 +1.9 +0.003										
04535+8129	1	ICA	A 22735 B 22742	9.404 0.010 11.186 0.039	9.342 0.014 11.507 0.076	9.316 0.017 10.778 0.064					73.364 230 72 +81.490 083 91 73.387 903 48 +81.484 248 69	2.08 -14.86	-2.07 -9.25 13.90 4.43	1.65 1.77 1.67 1.36 1.87 12.01 13.17 8.60 7.25 9.71	A 149.00 24.50 -0.05 0.00										
04535-5552	1	FCA	A 22738 B 22738	11.106 0.016 12.006 0.035							73.379 450 78 -55.860 487 27 73.376 655 13 -55.858 973 77	89.47 89.47	132.86 73.93 132.86 73.93	3.65 3.37 3.55 4.25 3.76 13.25 15.10 3.55 4.25 3.76	A 314.0 7.85										
04536+2522	1	FCA	A 22747 B 22747	7.418 0.102 9.120 0.489							73.401 870 54 +25.366 359 68 73.401 836 82 +25.366 383 30	4.51 4.51	27.79 -19.33 27.79 -19.33	6.30 4.42 1.06 0.93 0.69 36.73 32.70 1.06 0.93 0.69	A 308 0.14										
04538-2626	1	ICA	A 22761 B 22766	9.145 0.014 10.866 0.060	10.276 0.027 11.238 0.049	9.061 0.016 10.572 0.045					73.456 999 73 -26.429 150 60 73.461 211 93 -26.432 233 32	2.70 -9.22	-2.76 -8.59 -0.98 -4.38	1.98 2.91 2.82 2.05 3.16 15.06 23.39 10.60 7.24 11.58	A 129.26 17.54 -0.01 0.00										
04539+2246	1	FCC	A 22767 B 22767	9.975 0.019 13.287 0.393							73.465 801 22 +22.771 041 99 73.465 801 32 +22.770 865 49	3.24 3.24	1.39 -7.65 1.39 -7.65	3.36 3.02 3.02 4.20 3.00 79.21 57.69 3.02 4.20 3.00	A 177 0.64										
04539+6729	1	FCA	A 22768 B 22768	7.728 0.004 10.972 0.082	8.065 0.008	7.652 0.009					73.466 037 16 +67.487 558 72 73.466 761 63 +67.487 294 73	12.03 12.03	-61.09 -67.72 -61.09 -67.72	0.88 0.99 1.30 0.90 0.98 27.32 33.00 1.30 0.90 0.98	A 134 1.38										
04539-2032	1	FCA	A 22772 B 22772	10.776 0.084 11.149 0.119							73.481 575 64 -20.539 528 42 73.481 552 35 -20.539 465 54	23.05 23.05	-33.24 240.32 -33.24 240.32	8.06 8.67 2.73 2.31 2.64 15.12 13.21 2.73 2.31 2.64	A 341 0.24										
04540-3200	1	FCA	A 22781 B 22781	9.961 0.011 11.688 0.053	10.314 0.027	9.879 0.029					73.511 943 71 -32.002 071 12 73.511 330 42 -32.001 995 04	6.85 6.85	-4.08 -6.53 -4.08 -6.53	1.95 1.92 2.40 2.29 2.13 11.45 11.58 2.40 2.29 2.13	A 278.3 1.89										
04545-0314	1	LCA	A 22812 B 22812	7.293 0.022 7.458 0.026							73.616 484 12 -3.225 937 84 73.616 516 81 -3.225 884 24	7.53 7.53	36.86 -0.12 14.35 -3.69	3.11 2.34 0.94 2.90 1.23 4.78 3.08 0.94 3.81 1.52	A 31 0.226 -4 -0.015										
04545-6025	1	LCA	A 22814 B 22814	8.947 0.006 10.160 0.017							73.627 237 66 -60.414 284 25 73.626 850 86 -60.414 516 46	4.59 4.59	-4.97 0.66 -10.09 15.97	1.25 1.28 1.09 1.19 1.17 4.92 5.48 1.09 4.07 3.89	A 219.4 1.082 +0.7 -0.009										
04549+0836	1	FCA	A 22848 B 22848	7.065 0.003 9.109 0.020	7.166 0.007 9.165 0.037	7.022 0.007 8.716 0.026					73.734 937 13 +8.600 001 65 73.734 759 27 +8.600 479 47	6.13 6.13	-15.02 -2.00 -15.02 -2.00	1.25 0.77 1.40 1.40 0.79 7.44 3.91 1.40 1.40 0.79	A 339.8 1.833										
04550+1436	1	FCA	A 22853 B 22853	8.157 0.125 8.629 0.193							73.751 141 37 +14.593 766 19 73.751 109 87 +14.593 791 91	4.38 4.38	16.02 -1.44 16.02 -1.44	8.45 7.29 0.91 0.93 0.68 12.27 9.91 0.91 0.93 0.68	A 310 0.14										
04551-0033	1	FNB G	A 22856 B 22856	9.493 0.023 9.882 0.701 10.139 0.889	9.618 0.037	9.417 0.047					73.766 182 39 -0.545 001 98 73.765 017 83 -0.545 429 95 73.765 049 33 -0.545 456 97	1.30 1.30 1.30	-0.96 2.13 -0.96 2.13 -0.96 2.13	16.24 13.00 2.49 2.27 1.90 18.90 15.95 2.49 2.27 1.90 32.75 31.80 2.49 2.27 1.90	C 249.8 4.47 C 248 4.40										
04552+0058	1	FCA	A 22874 B 22874	10.078 0.017 10.310 0.021	10.351 0.041 10.466 0.049	9.928 0.042 10.124 0.056					73.807 872 22 +0.967 398 44 73.809 002 91 +0.966 118 75	4.91 4.91	-0.26 -6.95 -0.26 -6.95	6.81 4.33 6.38 7.07 5.47 18.62 10.40 6.38 7.07 5.47	A 138.5 6.15										
04553-1625	1	FCA	A 22881 B 22881	5.931 0.018 9.028 0.318							73.827 673 92 -16.417 852 34 73.827 700 46 -16.417 905 77	11.30 11.30	11.79 36.48 11.79 36.48	1.59 2.12 0.82 0.80 0.59 33.53 37.25 0.82 0.80 0.59	A 155 0.21										
04559+4502	1	FCA	A 22917 B 22917	8.118 0.032 9.810 0.152							73.977 802 95 +45.034 748 71 73.977 737 22 +45.034 781 50	2.59 2.59	-5.48 -1.56 -5.48 -1.56	4.11 3.02 1.37 1.40 0.87 18.90 12.58 1.37 1.40 0.87	A 305 0.20										
04559-3052	1	FCA	A 22921 B 22921	10.591 0.030 11.306 0.058							73.986 087 46 -30.858 133 23 73.985 993 02 -30.858 126 72	22.95 22.95	102.74 -209.62 102.74 -209.62	4.74 3.40 2.13 1.75 1.97 9.61 10.24 2.13 1.75 1.97	A 275 0.29										
04560+5619	1	FCA	A 22922 B 22922	9.488 0.329 9.597 0.364							73.992 670 19 +56.314 623 78 73.992 654 77 +56.314 666 30	6.25 6.25	5.81 2.07 5.81 2.07	7.97 22.90 1.71 1.07 1.01 8.24 26.88 1.71 1.07 1.01	A 349 0.16										
04561-0354	1	FCA	A 22929 B 22929	8.465 0.006 11.450 0.090							74.017 113 15 -3.903 468 47 74.017 263 68 -3.903 546 49	1.27 1.27	-2.59 5.91 -2.59 5.91	1.64 1.13 1.50 1.78 1.16 22.64 19.73 1.50 1.78 1.16	A 117 0.61										



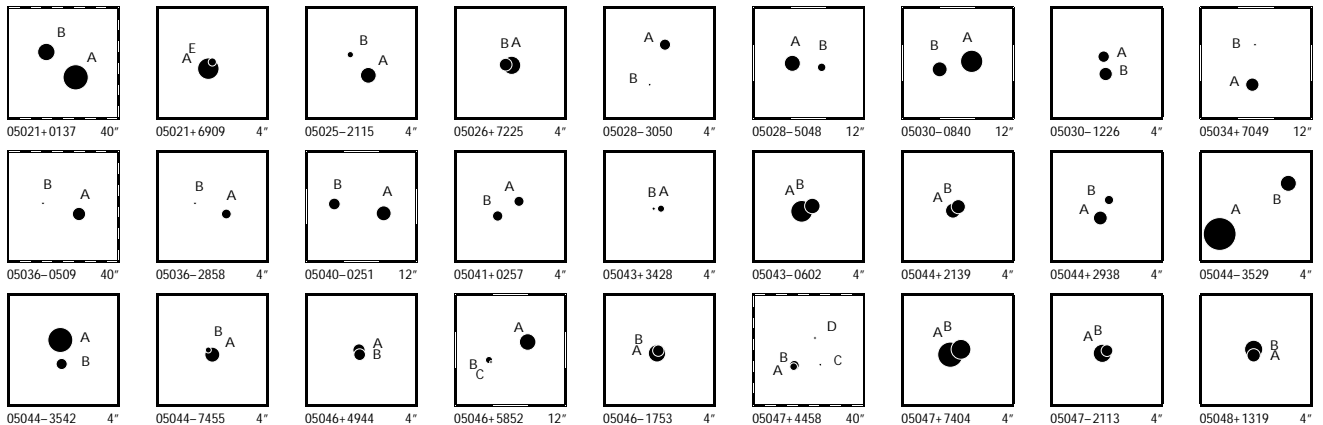
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04562+0311	1	F CA	A 22946 B 22946	8.034 8.157	0.008 0.009						74.058 966 97 74.058 888 16	+3.175 846 71 +3.175 773 35	5.65 5.65	-2.68 -2.68	-4.30 -4.30	2.63 4.24	1.86 2.91	2.26 2.26	2.01 2.01	1.56 1.56	A 227		0.387		
04562-0331	1	F CC P	A 22943 B 22943	10.648 12.462	0.172 0.911						74.050 069 80 74.050 078 22	-3.523 203 75 -3.523 249 68	-0.37 -0.37	3.02 3.02	4.62 4.62	5.86 42.94	12.63 75.47	1.69 1.69	1.96 1.96	1.28 1.28	A 170		0.17		
04563+5206	1	F NB G	A 22951 B 22951 C 22951	8.828 9.135 9.679	0.194 0.256 0.026		10.094	0.065	9.496	0.058	74.070 298 56 74.070 318 23 74.072 196 34	+52.097 808 89 +52.097 855 76 +52.097 318 82	10.15 10.15 10.15	32.28 32.28 32.28	-39.64 -39.64 -39.64	3.21 8.00 6.30	7.88 13.61 8.92	1.39 1.39 1.39	1.96 1.96 1.96	1.48 1.48 1.48	A 14 A 112.8		0.17 4.55		
04563-0152	1	F CA	A 22954 B 22954	8.933 11.615	0.006 0.061		9.080	0.016	8.838	0.018	74.078 992 05 74.078 673 60	-1.870 148 91 -1.870 274 41	5.52 5.52	-5.83 -5.83	-12.11 -12.11	1.65 19.10	1.22 15.31	1.70 1.70	1.76 1.76	1.32 1.32	A 248		1.23		
04564-0510	1	F CB	A 22958 B 22958 C 22958	5.488 9.635	0.003 0.136						74.100 788 52 74.100 623 03	-5.171 350 66 -5.171 420 95	4.41 4.41	-5.67 -5.67	-2.32 -2.32	1.25 69.81	0.79 45.27	1.29 1.29	1.80 1.80	0.97 0.97	A 247		0.65		
04566-5127	1	F CA	A 22975 B 22975	8.265 10.988	0.005 0.058		9.617	0.017	8.198	0.009	74.161 414 79 74.161 755 89	-51.452 072 56 -51.451 620 95	4.88 4.88	11.82 11.82	14.18 14.18	0.94 14.12	1.08 16.52	0.99 0.99	0.99 0.99	1.31 1.31	A 25.2		1.80		
04567+3917	1	F CA	A 22979 B 22979	9.843 9.958	0.012 0.014						74.178 454 84 74.178 270 80	+39.289 879 18 +39.289 687 55	2.02 2.02	-5.05 -5.05	-8.28 -8.28	4.96 6.08	3.36 4.30	2.88 2.88	3.61 3.61	3.36 3.36	B 217		0.86		
04570-4642	1	F CA	A 23017 B 23017	9.239 10.758	0.047 0.192						74.250 437 50 74.250 341 83	-46.703 699 32 -46.703 712 07	5.93 5.93	23.20 23.20	31.03 31.03	6.42 18.98	5.53 21.28	1.28 1.28	1.28 1.28	1.41 1.41	A 259		0.24		
04572+2457	1	F CA	A 23032 B 23032	10.082 11.403	0.047 0.160						74.288 846 03 74.288 794 61	+24.952 734 48 +24.952 798 12	6.17 6.17	40.32 40.32	-23.79 -23.79	6.69 22.85	7.36 20.46	2.35 2.35	2.80 2.80	1.88 1.88	A 324		0.28		
04573+5345	1	F CA	A 23040 B 23040	4.494 7.898	0.004 0.078						74.321 751 75 74.321 598 36	+53.752 082 89 +53.751 981 79	8.68 8.68	-24.17 -24.17	7.53 7.53	0.89 23.05	0.77 16.56	0.81 0.81	0.80 0.80	0.67 0.67	A 222		0.49		
04573+6145	1	F CA	A 23037 B 23037	7.245 8.406	0.003 0.009						74.314 239 66 74.313 884 45	+61.753 108 36 +61.753 238 84	2.77 2.77	2.47 2.47	3.51 3.51	0.87 2.93	0.77 3.05	1.27 1.27	0.96 0.96	0.86 0.86	A 307.8		0.766		
04574+0100	1	F CA	A 23044 B 23044	9.226 9.545	0.024 0.032						74.347 708 70 74.347 635 99	+0.991 944 37 +0.991 997 16	12.62 12.62	47.85 47.85	26.02 26.02	3.77 6.34	3.31 6.02	1.89 1.89	2.18 2.18	1.29 1.29	B 306		0.323		
04577-0545	1	INB	A 23052 B 23053	8.589 9.242	0.009 0.013		9.031	0.031	8.558	0.030	74.409 350 90 74.417 356 26	-5.748 676 05 -5.748 581 40	5.13 2.99	17.80 16.53	-4.66 -8.82	2.43 5.66	1.90 4.77	2.49 4.29	3.17 5.04	2.22 3.86	A 89.32		28.68	+0.01	0.00
04580-5035	1	F CA	A 23078 B 23078	7.777 9.522	0.004 0.018						74.491 977 99 74.491 767 03	-50.575 809 66 -50.575 775 01	5.13 5.13	-5.38 -5.38	-0.75 -0.75	0.99 4.45	0.91 5.62	0.83 0.83	0.91 0.91	0.94 0.94	A 285		0.498		
04582-4033	1	F CA	A 23097 B 23097	9.501 11.199	0.040 0.190						74.548 846 47 74.548 891 43	-40.551 716 33 -40.551 659 61	8.46 8.46	4.01 4.01	133.95 133.95	3.59 15.87	5.25 18.64	1.22 1.22	1.12 1.12	1.63 1.63	A 31		0.24		
04584+1900	1	F CA	A 23109 B 23109	9.690 11.515	0.010 0.054						74.589 440 32 74.589 292 95	+18.993 379 88 +18.993 305 49	5.17 5.17	10.59 10.59	-6.26 -6.26	2.53 16.50	1.76 10.67	2.20 2.20	2.48 2.48	1.94 1.94	A 242		0.57		
04584-0344	1	F CA	A 23116 B 23116	7.122 10.401	0.004 0.088						74.608 975 84 74.609 126 18	-3.733 003 61 -3.733 038 35	20.13 20.13	78.36 78.36	48.37 48.37	1.27 20.07	0.84 19.98	1.08 1.08	1.20 1.20	0.84 0.84	A 103		0.55		
04586+6725	1	F CB	A 23124 S 23124	8.680 9.397	0.218 0.422						74.638 298 07 74.638 226 85	+67.420 399 37 +67.420 421 36	6.29 6.29	32.99 32.99	-31.18 -31.18	10.86 18.36	9.66 18.56	0.90 0.90	0.68 0.68	0.73 0.73	A 309		0.13		
04589-4441	1	F CA	A 23152 B 23152	9.179 10.579	0.032 0.115						74.720 379 64 74.720 358 23	-44.677 082 45 -44.677 013 92	1.81 1.81	-1.42 -1.42	19.31 19.31	2.36 9.60	3.87 14.01	1.13 1.13	1.08 1.08	1.29 1.29	A 347		0.25		
04590+1341	1	F CA	A 23162 B 23162	10.836 10.888	0.040 0.042						74.749 531 62 74.749 553 96	+13.690 866 08 +13.690 797 31	7.54 7.54	-13.58 -13.58	-14.73 -14.73	4.19 6.35	5.84 6.42	2.93 2.93	2.63 2.63	1.75 1.75	A 162		0.26		
04590-1622	1	L CA	A 23166 B 23166	5.987 7.537	0.003 0.010						74.755 991 03 74.755 897 58	-16.376 336 81 -16.376 187 03	23.17 23.17	-121.61 -140.52	127.52 147.41	0.83 3.70	0.65 2.44	0.83 0.83	0.85 2.31	0.63 1.45	A 329.1		0.628	-0.5	+0.027
04591+6322	1	L CA	A 23170 B 23170	9.125 9.372	0.065 0.081						74.771 350 63 74.771 472 11	+63.368 427 22 +63.368 435 51	12.12 12.12	-37.57 -45.42	-18.02 7.20	6.79 7.16	2.57 3.07	0.95 0.95	1.55 1.84	2.09 2.54	A 81		0.198	-8	-0.004
04591-6325	1	F CA	A 23171 B 23171	10.557 10.924	0.009 0.012		10.464	0.045	9.757	0.043	74.773 571 18 74.772 705 26	-63.425 037 23 -63.424 892 28	11.01 11.01	27.24 27.24	30.03 30.03	2.26 5.42	2.39 5.49	1.86 1.86	1.97 1.97	2.71 2.71	A 290.5		1.49		
04593+3753	1	F CA	A 23179 B 23179	5.008 8.178	0.003 0.048		5.014	0.004	4.991	0.004	74.814 064 25 74.814 129 36	+37.890 482 40 +37.891 866 18	20.50 20.50	46.26 46.26	-97.81 -97.81	0.88 11.54	0.64 9.69	0.94 0.94	0.75 0.75	0.57 0.57	A 2.1		4.99		
04593-8401	1	F CA	A 23180 B 23180	10.681 10.808	0.037 0.041						74.816 017 79 74.815 192 87	-84.022 553 56 -84.022 589 98	5.33 5.33	8.94 8.94	14.05 14.05	4.21 5.57	3.02 5.43	1.57 1.57	1.68 1.68	1.80 1.80	A 247		0.34		
04594+2012	1	F CB	A 23191 B 23191	8.514 11.981	0.005 0.104		9.840	0.036	8.453	0.020	74.856 883 50 74.855 641 99	+20.194 086 48 +20.193 841 69	2.39 2.39	30.38 30.38	-7.08 -7.08	1.46 42.81	1.04 29.99	1.44 1.44	1.80 1.80	1.22 1.22	A 258.1		4.29		
04595-4928	1	F CA W	A 23196 B 23196	7.229 9.264	0.007 0.035		7.538	0.006	7.176	0.007	74.873 502 81 74.877 420 70	-49.458 099 20 -49.459 127 33	6.41 6.41	21.17 21.17	-2.38 -2.38	0.94 7.28	0.96 8.25	0.96 0.96	0.96 0.96	1.10 1.10	A 111.99		9.89		



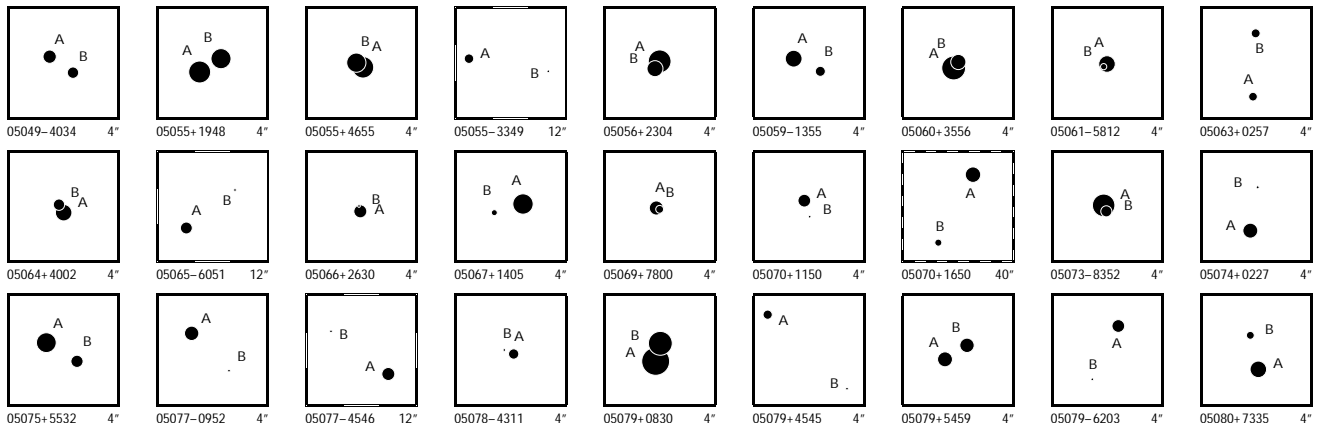
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
04596+3135	1	F CA	A 23205 B 23205	8.319 0.006 10.621 0.047	8.732 0.017	8.187 0.016		74.902 759 20 +31.585 231 36 74.902 420 74 +31.584 833 54	10.73 10.73	68.19 -46.86 68.19 -46.86	1.59 1.29 1.66 2.24 2.03 14.29 10.54 1.66 2.24 2.03	A 215.9 1.77														
04599+2719	1	I CA	A 23228 B 23226	7.011 0.031 8.740 0.127	7.096 0.009 9.073 0.026	6.973 0.008 8.722 0.027		74.973 913 26 +27.325 657 20 74.971 116 33 +27.320 532 50	7.23 -7.31	17.38 -21.93 3.53 -35.29	2.27 1.29 1.98 1.95 1.31 37.20 22.96 15.81 24.81 15.03	A 205.9 20.50 0.0 +0.02														
04599+5327	1	F CA	A 23229 B 23229	8.537 0.081 9.236 0.153				74.974 133 79 +53.452 106 74 74.974 065 12 +53.452 136 61	8.48 8.48	-30.86 -19.83 -30.86 -19.83	8.04 7.34 1.08 1.17 0.88 15.02 14.06 1.08 1.17 0.88	A 306 0.18														
04599-6835	1	F CA	A 23225 B 23225	8.212 0.031 10.767 0.322				74.967 350 38 -68.582 025 53 74.967 203 06 -68.582 057 19	3.95 3.95	-12.86 21.40 -12.86 21.40	4.32 2.47 0.67 0.68 0.85 20.45 16.94 0.67 0.68 0.85	A 240 0.22														
05000+7003	1	F CA	A 23234 B 23234	9.163 0.036 9.454 0.008	9.364 0.013 9.631 0.017	8.918 0.012 9.187 0.016		74.990 759 48 +70.054 333 96 74.991 824 30 +70.054 782 89	7.27 7.27	13.89 -23.75 13.89 -23.75	1.30 2.04 2.65 1.15 1.97 2.94 3.36 2.65 1.15 1.97	A 39.0 2.079														
05001+6958	1	F CA	A 23246 B 23246	8.288 0.023 9.097 0.049				75.036 723 34 +69.958 826 70 75.036 681 79 +69.958 900 22	5.78 5.78	-3.16 9.95 -3.16 9.95	1.49 3.39 0.99 0.46 0.83 3.69 6.26 0.99 0.46 0.83	A 349 0.270														
05003+3924	1	F ND D	A 23261 B 23261	6.088 0.006 9.501 0.128	6.490 0.005	6.024 0.004		75.076 447 04 +39.394 703 89 75.075 042 78 +39.394 859 26	18.86 18.86	-10.93 -1.21 -10.93 -1.21	1.27 0.93 1.26 1.17 0.93 33.14 22.81 1.26 1.17 0.93	A 278.1 3.95														
05003+5755	1	F CC	A 23257 B 23257	9.103 0.135 11.725 1.513				75.068 463 01 +57.913 602 56 75.068 458 19 +57.913 554 88	4.36 4.36	4.28 -13.12 4.28 -13.12	4.15 13.56 1.33 0.96 0.90 51.71 93.41 1.33 0.96 0.90	A 183 0.17														
05004+4158	1	F CB	A 23274 B 23274	9.211 0.033 11.182 0.205				75.108 962 91 +41.961 683 72 75.108 856 10 +41.961 651 38	6.81 6.81	-3.65 -25.41 -3.65 -25.41	6.17 3.48 1.81 2.10 1.27 38.61 22.72 1.81 2.10 1.27	B 248 0.31														
05004+7128	1	F CB	A 23271 B 23271	9.222 0.138 10.808 0.596				75.102 353 32 +71.465 028 09 75.102 462 95 +71.465 053 61	3.61 3.61	-7.57 -5.76 -7.57 -5.76	6.93 8.14 1.11 0.58 0.96 41.48 33.61 1.11 0.58 0.96	A 54 0.16														
05005+0506	1	L CA	A 23277 B 23277	8.644 0.005 9.302 0.010				75.123 607 07 +5.099 043 87 75.123 280 95 +5.098 900 61	16.18 16.18	34.41 -30.87 24.43 -39.20	2.20 1.38 2.00 1.97 1.29 4.97 3.30 2.00 3.66 2.13	A 246.2 1.278 -0.2 +0.012														
05007-1330	1	F CA	A 23298 B 23298	7.530 0.003 8.893 0.011	7.527 0.006 8.965 0.016	7.480 0.006 8.765 0.018		75.169 014 96 -13.503 695 47 75.170 598 54 -13.504 151 88	2.13 2.13	-7.21 -9.76 -7.21 -9.76	0.91 0.83 1.24 1.05 0.83 3.38 3.51 1.24 1.05 0.83	A 106.51 5.782														
05009+6107	1	F CB	A 23317 B 23317	10.334 0.043 12.269 0.256				75.216 581 94 +61.125 270 33 75.216 533 65 +61.125 350 48	22.01 22.01	128.94 -221.17 128.94 -221.17	2.77 6.54 2.26 1.57 1.27 20.01 29.00 2.26 1.57 1.27	A 344 0.30														
05010+6522	1	F FD D	A 23324 B 23324	8.946 0.016 11.952 0.247	9.049 0.010	8.880 0.012		75.258 523 28 +65.362 805 50 75.260 068 96 +65.362 527 84	3.43 3.43	6.94 -25.19 -25.19	1.78 1.70 2.28 2.15 1.78 32.90 28.21 2.28 2.15 1.78	A 113 2.53														
05010-1112	1	F CA	A 23326 S 23326	7.725 0.176 8.625 0.403				75.262 516 86 -11.208 065 75 75.262 494 66 -11.208 091 65	4.30 4.30	5.78 -1.09 5.78 -1.09	8.32 8.07 0.87 0.70 0.57 19.48 17.42 0.87 0.70 0.57	A 220 0.12														
05010-4813	1	F CA	A 23325 B 23325	9.126 0.010 10.838 0.047	9.540 0.017 10.905 0.052	9.053 0.017 10.528 0.058		75.260 525 56 -48.211 306 31 75.258 389 87 -48.209 245 62	3.93 3.93	9.57 9.01 9.57 9.01	1.51 1.44 1.46 1.60 1.62 10.17 8.89 1.46 1.60 1.62	A 325.4 9.02														
05012+3430	1	F CA	A 23337 B 23337	10.564 0.056 11.604 0.087	11.123 0.099	10.403 0.086		75.295 121 16 +34.507 394 00 75.294 691 71 +34.507 081 86	4.77 4.77	9.04 -5.33 9.04 -5.33	5.02 3.09 5.39 4.91 3.09 17.94 11.37 5.39 4.91 3.09	A 229 1.70														
05012-7420	1	F CA	A 23335 B 23335	7.439 0.004 7.915 0.006				75.289 235 61 -74.340 870 77 75.289 378 61 -74.341 086 08	3.57 3.57	12.86 10.48 12.86 10.48	1.09 0.95 0.96 0.97 1.09 2.11 1.73 0.96 0.97 1.09	A 169.8 0.787														
05013+2632	1	F CB	A 23349 B 23349	7.632 0.013 10.497 0.184	8.023 0.015	7.563 0.012		75.328 810 24 +26.534 307 76 75.328 965 45 +26.534 721 64	4.64 4.64	2.19 -5.67 2.19 -5.67	2.12 1.41 2.12 2.99 1.51 39.79 26.02 2.12 2.99 1.51	A 19 1.57														
05014+1956	1	F CA	A 23356 B 23356	9.715 0.008 12.413 0.093				75.340 070 26 +19.930 526 28 75.340 136 80 +19.930 366 70	4.87 4.87	-8.95 -8.11 -8.95 -8.11	2.54 1.87 2.72 3.28 1.86 41.51 24.30 2.72 3.28 1.86	A 159 0.62														
05014+6209	1	F CB	A 23357 B 23357	9.046 0.008 12.260 0.151				75.341 284 46 +62.154 684 03 75.341 483 25 +62.154 617 18	4.57 4.57	-4.05 -16.85 -4.05 -16.85	2.56 2.56 2.68 1.82 1.65 50.55 57.20 2.68 1.82 1.65	A 126 0.41														
05016-5203	1	F CA	A 23376 B 23376	9.305 0.006 12.330 0.098	9.453 0.015	9.242 0.017		75.393 351 05 -52.052 669 19 75.394 967 18 -52.052 220 52	1.73 1.73	11.32 23.59 11.32 23.59	1.16 1.20 1.15 1.18 1.24 25.78 28.29 1.15 1.18 1.24	A 65.7 3.93														
05017+2050	1	F CA	A 23396 B 23396	8.606 0.008 9.285 0.015				75.434 431 38 +20.830 070 77 75.434 304 81 +20.830 106 23	24.38 24.38	-65.85 -92.74 -65.85 -92.74	2.32 1.60 1.78 2.03 1.32 5.71 4.46 1.78 2.03 1.32	A 287 0.44														
05017+2640	1	F CA	A 23395 B 23395	7.066 0.019 9.006 0.116				75.434 489 08 +26.671 062 13 75.434 570 20 +26.671 113 06	25.27 25.27	-2.32 43.47 -2.32 43.47	6.54 3.25 1.77 2.55 1.34 41.22 18.38 1.77 2.55 1.34	A 55 0.32														
05019-7638	1	F CA	A 23413 B 23413	7.755 0.003 10.159 0.028				75.484 677 96 -76.628 142 81 75.485 310 18 -76.628 290 21	17.48 17.48	-27.54 -134.93 -27.54 -134.93	0.75 0.76 0.74 0.73 0.88 6.97 7.21 0.74 0.73 0.88	A 135 0.75														
05020+0959	1	F ND D	A 23418 B 23418	11.835 0.057 12.833 0.143				75.494 944 98 +9.983 315 68 75.494 950 30 +9.983 127 57	31.20 31.20	17.18 -81.96 17.18 -81.96	8.64 5.58 8.56 8.75 5.42 44.37 24.44 8.56 8.75 5.42	A 178 0.68														
05020+2817	1	F CA	A 23415 B 23415	8.378 0.005 11.273 0.062				75.490 002 25 +28.291 157 67 75.489 901 23 +28.291 346 33	5.68 5.68	-3.01 0.98 -3.01 0.98	1.46 0.94 1.42 1.33 0.96 17.67 10.90 1.42 1.33 0.96	A 335 0.75														



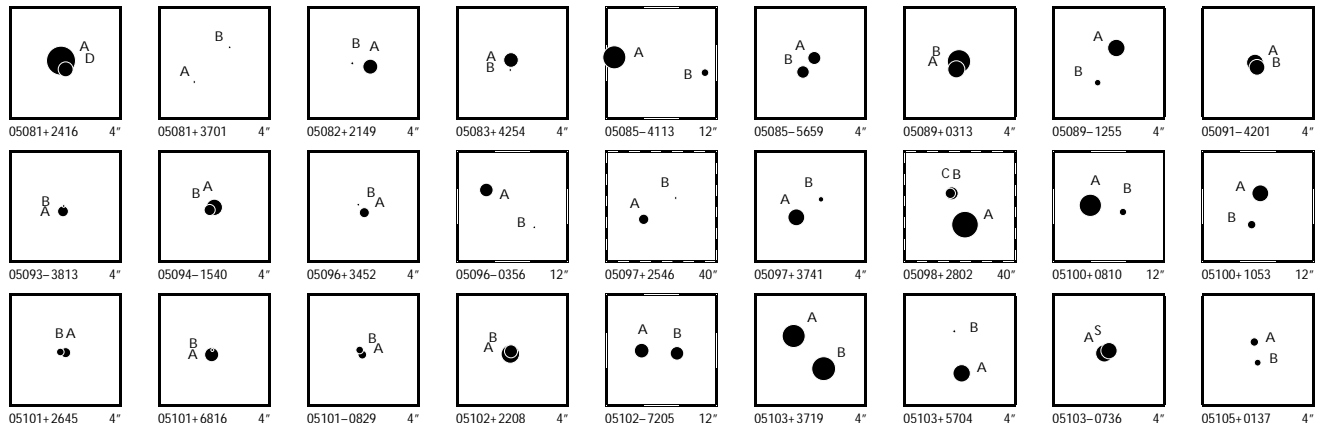
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2	3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05021+0137	1	I CA	A 23419 B 23421	6.446 0.013 8.183 0.043	6.391 0.005 8.051 0.013	6.492 0.007 7.814 0.013			75.500 112 62 75.503 163 39	+1.608 841 08 +1.611 440 84	6.42 12.06	-5.37 -7.42	9.84 7.25	1.89 1.23 1.71 15.32 10.02 7.63	1.95 1.32 7.76 5.58	A 49.55	14.43	0.00	0.00									
05021+6909	1	F CA	A 23425 E 23425	7.289 0.018 10.208 0.260					75.522 785 14 75.522 690 27	+69.160 459 01 +69.160 525 58	15.83 15.83	86.38 86.38	-79.28 -79.28	2.48 3.27 1.00 31.81 31.67 1.00	0.79 0.82 0.79 0.82	A 333	0.27											
05025-2115	1	L CA	A 23452 B 23452	8.545 0.006 10.606 0.039					75.618 792 15 75.618 995 54	-21.256 105 76 -21.255 899 91	117.38 117.38	-141.55 -149.09	-221.74 -268.05	1.34 1.42 1.81 10.36 12.42 1.81	1.28 1.38 11.84 16.07	A 43	1.01	+1	-0.04									
05026+7225	1	F CA	A 23463 B 23463	7.987 0.019 9.155 0.055					75.654 281 48 75.654 497 40	+72.415 761 68 +72.415 766 22	1.58 1.58	-7.23 -7.23	0.00 0.00	2.48 1.49 0.84 5.53 4.76 0.84	0.58 0.72 0.58 0.72	A 86	0.235											
05028-3050	1	F CA	A 23476 B 23476	9.543 0.008 11.969 0.075	10.568 0.032 9.427 0.020				75.694 149 53 75.694 323 78	-30.836 368 30 -30.836 776 52	3.78 3.78	2.72 2.72	-46.16 -46.16	1.25 1.58 1.77 15.29 19.05 1.77	1.27 1.76 1.27 1.76	A 160	1.57											
05028-5048	1	L CA	A 23480 B 23480	8.471 0.006 10.150 0.024	9.003 0.012 10.582 0.100	8.403 0.011 9.842 0.082			75.701 098 79 75.699 668 77	-50.793 103 31 -50.793 232 25	11.56 11.56	5.69 -0.08	-171.64 -157.58	1.30 1.13 1.09 6.94 6.23 1.09	1.10 1.02 4.34 4.31	A 261.9	3.287	+0.3	+0.004									
05030-0840	1	F CA	A 23493 B 23493	7.079 0.003 8.719 0.014	6.988 0.008 8.731 0.022	7.055 0.008 8.522 0.027			75.758 194 89 75.759 205 45	-8.663 143 67 -8.663 376 12	6.62 6.62	-12.23 -12.23	-3.31 -3.31	1.11 0.76 1.12 5.82 3.98 1.12	1.22 0.82 1.22 0.82	A 103.1	3.69											
05030-1226	1	F CA	A 23490 B 23490	9.031 0.006 9.498 0.009					75.740 320 46 75.740 348 38	-12.438 579 58 -12.438 406 51	4.37 4.37	0.50 0.50	-7.60 -7.60	2.34 2.49 2.96 4.62 3.64 2.96	2.55 2.66 2.55 2.66	B 9.0	0.631											
05034+7049	1	F NC	A 23525 B 23525	9.057 0.008 12.166 0.143	9.127 0.009 9.053 0.011				75.859 246 36 75.858 975 79	+70.824 971 91 +70.826 195 96	5.56 5.56	-7.51 -7.51	-0.92 -0.92	1.11 1.56 1.91 25.57 36.20 1.91	1.11 1.59 1.11 1.59	A 355.8	4.42											
05036-0509	1	F CA	A 23535 B 23535	9.059 0.009 11.425 0.073	9.174 0.019 9.012 0.023				75.909 492 84 75.913 197 28	-5.145 283 11 -5.144 172 28	2.17 2.17	-2.06 -2.06	-6.40 -6.40	1.76 1.31 1.84 27.89 17.95 1.84	2.13 1.41 2.13 1.41	A 73.2	13.87											
05036-2858	1	F CA	A 23534 B 23534	9.825 0.012 11.430 0.054	10.379 0.027 9.599 0.021				75.906 523 09 75.906 890 91	-28.969 378 92 -28.969 274 22	7.59 7.59	-6.65 -6.65	-45.75 -45.75	1.61 2.13 2.17 12.40 11.29 2.17	1.63 2.62 1.63 2.62	A 72	1.22											
05040-0251	1	F CA	A 23567 B 23567	8.708 0.007 9.420 0.013	9.004 0.016 9.770 0.044	8.573 0.016 9.334 0.048			76.005 206 07 76.006 732 61	-2.857 814 21 -2.857 551 01	6.43 6.43	15.86 15.86	9.29 9.29	1.77 1.33 2.00 4.99 3.62 2.00	1.78 1.42 1.78 1.42	A 80.24	5.57											
05041+0257	1	F CA	B 23571 A 23571	9.704 0.009 9.798 0.010					76.017 201 78 76.016 984 86	+2.955 980 56 +2.956 128 73	8.38 8.38	0.58 0.58	-1.73 -1.73	4.75 2.83 3.27 6.43 4.27 3.27	3.37 2.47 3.37 2.47	B 304.4	0.94											
05043+3428	1	F CA	A 23584 B 23584	10.437 0.095 11.277 0.206					76.064 443 55 76.064 540 62	+34.460 904 91 +34.460 908 25	2.94 2.94	17.19 17.19	-18.96 -18.96	12.76 2.69 2.41 31.26 9.08 2.41	2.66 1.71 2.66 1.71	A 88	0.29											
05043-0602	1	F CA	A 23586 B 23586	7.197 0.005 8.592 0.017					76.074 994 02 76.074 881 32	-6.031 315 39 -6.031 254 20	5.65 5.65	-3.27 -3.27	7.12 7.12	1.50 0.96 1.07 5.76 3.64 1.07	1.51 0.90 1.51 0.90	A 299	0.46											
05044+2139	1	F CA	A 23592 B 23592	8.692 0.030 8.855 0.035					76.091 954 43 76.091 900 13	+21.643 541 28 -21.643 584 67	1.04 1.04	2.68 2.68	-5.17 -5.17	4.72 3.29 1.29 4.45 3.23 1.29	1.36 0.73 1.36 0.73	A 311	0.240											
05044+2938	1	F CA	A 23598 B 23598	8.939 0.005 9.964 0.013					76.110 702 77 76.110 607 62	+29.629 699 51 +29.629 888 68	4.47 4.47	-3.43 -3.43	-9.39 -9.39	2.42 1.44 2.34 6.92 4.63 2.34	2.34 1.45 2.34 1.45	A 336.4	0.74											
05044-3529	1	F CA	A 23595 B 23595	4.735 0.002 8.481 0.063	6.143 0.004 4.706 0.002				76.101 298 97 76.100 431 61	-35.482 870 57 -35.482 352 16	17.63 17.63	126.17 126.17	-44.36 -44.36	0.43 0.52 0.54 11.68 18.26 0.54	0.44 0.59 0.44 0.59	A 306.3	3.15											
05044-3542	1	F CA	A 23596 B 23596	6.450 0.007 9.565 0.054					76.108 902 21 76.108 885 12	-35.705 207 75 -35.705 453 40	9.77 9.77	28.46 28.46	40.58 40.58	0.54 0.68 0.69 9.15 11.19 0.69	0.55 0.76 0.55 0.76	A 183	0.89											
05044-7455	1	F CA	A 23594 B 23594	8.716 0.040 10.676 0.239					76.094 730 98 76.094 894 51	-74.921 097 11 -74.921 052 42	2.92 2.92	-7.15 -7.15	-10.20 -10.20	3.40 3.82 0.85 18.00 20.42 0.85	0.90 1.03 0.90 1.03	A 44	0.22											
05046+4944	1	F CA	A 23609 B 23609	9.303 0.131 9.395 0.143					76.150 405 04 76.150 398 15	+49.732 224 18 +49.732 181 21	3.80 3.80	2.64 2.64	-20.67 -20.67	6.08 11.05 1.30 6.78 8.98 1.30	1.48 0.94 1.48 0.94	A 186	0.16											
05046+5852	1	F CA	A 23605 B 23605 C 23605	8.348 0.014 10.443 0.060 11.741 0.362	9.498 0.019 8.273 0.012				76.137 373 52 76.139 644 97 76.139 530 69	+58.861 000 90 +58.860 452 37 +58.860 363 47	7.00 7.00 7.00	-5.85 -5.85 -5.85	-21.09 -21.09 -21.09	2.04 1.99 3.01 23.33 24.60 3.01	2.25 2.04 2.25 2.04 2.25 2.04	A 115.0	4.67											
05046-1753	1	F CB	A 23612 B 23612	8.145 0.220 9.459 0.737					76.155 055 97 76.155 044 93	-17.885 131 72 -17.885 097 90	2.63 2.63	-4.33 -4.33	10.09 10.09	3.34 14.33 0.95 24.48 36.38 0.95	0.73 0.76 0.73 0.76	A 343	0.13											
05047+4458	1	F NC	G B 23624 A 23624 C 23624 D 23624	9.834 0.021 10.344 0.039 13.151 0.443 13.187 0.651					76.183 984 13 76.184 064 22 76.180 227 04 76.180 967 86	+44.958 625 58 +44.958 448 45 +44.958 686 49 +44.961 443 22	-2.60 -2.60 -2.60 -2.60	-3.63 -3.63 -3.63 -3.63	-2.61 -2.61 -2.61 -2.61	3.33 2.52 3.63 7.91 5.17 3.63	3.54 2.41 3.54 2.41 3.54 2.41 3.54 2.41	B 162 B 271 B 323	0.670 9.57 12.73											
05047+7404	1	L CA	A 23617 B 23617	6.423 0.003 7.615 0.009					76.165 220 92 76.164 835 10	+74.066 993 80 +74.067 054 45	6.07 6.07	7.03 11.89	-15.94 -19.15	0.68 0.82 0.70 1.92 3.13 0.70	0.50 0.72 1.04 1.73	A 299.8	0.439	0.0	-0.006									
05047-2113	1	F CA	A 23620 B 23620	8.003 0.055 9.431 0.206					76.173 919 94 76.173 871 88	-21.220 905 12 -21.220 875 82	5.27 5.27	9.76 9.76	-28.89 -28.89	4.49 3.53 1.00 16.14 13.49 1.00	0.97 0.92 0.97 0.92	A 303	0.19											
05048+1319	1	F CA	B 23629 A 23629	7.972 0.029 9.080 0.080					76.204 527 58 76.204 524 40	+13.308 888 37 +13.308 834 15	5.35 5.35	0.07 0.07	-4.10 -4.10	2.06 3.03 1.12 5.18 6.73 1.12	1.04 0.62 1.04 0.62	B 183	0.196											



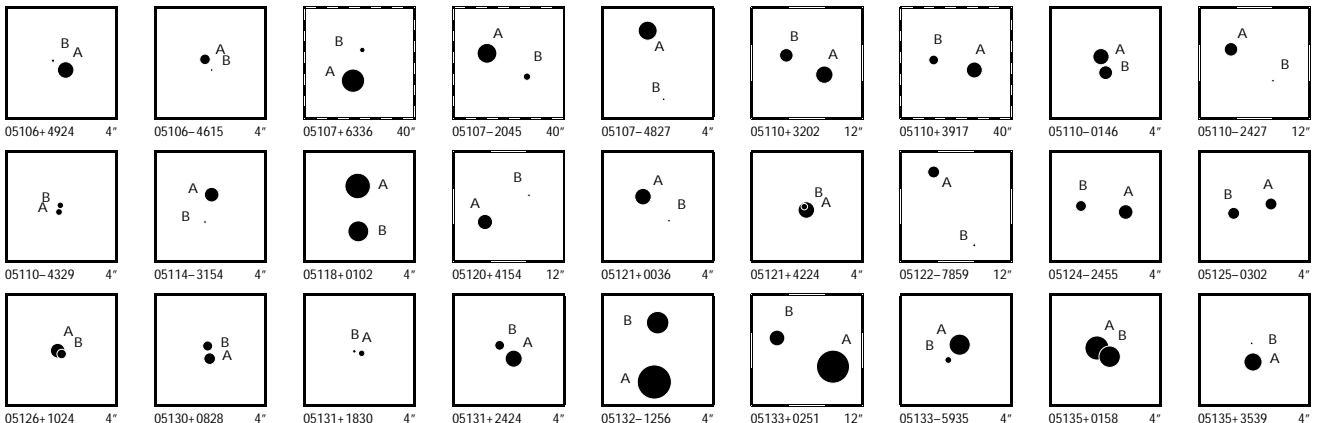
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05049-4034	1	LCA	A 23644 B 23644	9.051 0.007 9.491 0.010							76.227 394 83 76.227 073 24	-40.570 557 14 -40.570 718 10	14.96 14.96	2.72 11.56	39.35 38.34	1.63 1.75 1.61 3.44 3.72 1.61	1.61 1.72 3.19 3.45	A 236.6	1.053	-0.3	-0.007				
05055+1948	1	LCA	A 23695 B 23695	7.128 0.004 7.545 0.006							76.383 777 76 76.383 543 53	+19.806 753 25 +19.806 890 93	7.03 7.03	-10.61 -15.66	-12.36 -16.27	1.37 0.85 1.22 2.31 1.67 1.22	1.36 0.72 2.06 1.05	A 302.0	0.935	-0.4	+0.002				
05055+4655	1	LCA	A 23684 B 23684	7.259 0.015 7.768 0.024							76.363 712 78 76.363 823 41	+46.916 388 27 +46.916 431 11	4.64 4.64	-4.36 -11.37	-3.99 -5.70	2.32 1.38 0.94 4.33 2.62 0.94	1.35 0.88 2.42 1.54	A 60	0.313	0	-0.007				
05055-3349	1	FND	D A 23686 B 23686	9.892 0.009 13.459 0.242	10.913 0.044	9.815 0.028					76.366 019 30 76.363 076 81	-33.812 428 64 -33.812 816 16	21.18 21.18	21.72 21.72	-125.54 -125.54	1.28 1.59 1.66 56.23 76.01 1.66	1.25 1.66 1.25 1.66	A 261.0	8.91						
05056+2304	1	FCA	A 23699 B 23699	6.974 0.005 8.452 0.019							76.407 156 09 76.407 205 62	+23.061 069 03 +23.060 981 64	4.02 4.02	-1.12 -1.12	-7.98 -7.98	1.39 0.93 1.21 5.13 2.78 1.21	1.44 0.70 1.44 0.70	A 152	0.355						
05059-1355	1	LCA	A 23716 B 23716	8.264 0.004 9.799 0.015	9.019 0.012	8.057 0.009					76.479 926 42 76.479 642 04	-13.913 874 90 -13.914 004 25	21.24 21.24	87.61 71.02	51.84 68.36	1.19 1.17 1.45 6.33 6.99 1.45	1.05 1.01 4.11 3.74	A 244.9	1.097	+1.1	+0.008				
05060+3556	1	FCA	A 23724 B 23724	6.733 0.006 8.616 0.035							76.503 884 60 76.503 820 36	+35.936 410 43 +35.936 472 92	12.14 12.14	-17.02 -17.02	-13.03 -13.03	1.45 1.15 0.93 7.61 4.81 0.93	0.96 0.70 0.96 0.70	A 320	0.29						
05061-5812	1	FCB	A 23732 B 23732	8.356 0.106 10.601 0.839							76.533 167 59 76.533 233 14	-58.199 022 12 -58.199 046 35	2.16 2.16	4.02 4.02	13.32 13.32	6.03 6.59 0.69 50.94 45.04 0.69	0.62 0.68 0.62 0.68	A 125	0.15						
05063+0257	1	FCA	B 23752 A 23752	10.024 0.007 10.054 0.007	10.106 0.029	9.583 0.032	10.096 0.033	9.589 0.042			76.578 735 47 76.578 756 37	+2.953 924 97 +2.953 283 53	8.56 8.56	-2.46 -2.46	-16.52 -16.52	5.53 2.92 5.52 5.38 4.32 5.52	5.51 2.42 5.51 2.42	B 178.1	2.310						
05064+4002	1	FCA	A 23762 B 23762	8.323 0.008 9.457 0.022							76.612 455 90 76.612 519 54	+40.037 517 58 +40.037 602 23	7.37 7.37	-7.06 -7.06	-17.01 -17.01	2.03 1.40 1.39 7.35 4.17 1.39	1.50 0.90 1.50 0.90	A 30	0.352						
05065-6051	1	FCA	A 23763 B 23763	9.340 0.007 12.485 0.120	9.325 0.016	9.271 0.021					76.613 831 05 76.610 803 37	-60.853 816 97 -60.852 658 74	3.27 3.27	-2.80 -2.80	18.08 18.08	1.34 1.40 1.24 32.35 31.99 1.24	1.37 1.59 1.37 1.59	A 308.1	6.75						
05066+2630	1	FCC	A 23772 B 23772	9.115 0.038 12.308 0.721							76.640 689 04 76.640 702 59	+26.495 567 94 +26.495 631 88	12.00 12.00	21.74 21.74	-35.01 -35.01	6.37 7.69 1.87 107.59 51.00 1.87	2.02 1.09 2.02 1.09	A 11	0.23						
05067+1405	1	FCA	A 23789 B 23789	7.476 0.005 10.708 0.098	7.979 0.009	7.384 0.008					76.679 518 32 76.679 818 69	+14.085 072 64 +14.084 980 87	16.90 16.90	-15.21 -15.21	-121.23 -121.23	1.23 0.77 1.25 25.16 16.59 1.25	1.22 0.77 1.22 0.77	A 107	1.10						
05069+7800	1	FCA	A 23803 B 23803	8.900 0.127 10.235 0.434							76.733 250 62 76.733 071 37	+78.005 195 00 +78.005 180 82	3.81 3.81	6.53 6.53	-24.53 -24.53	8.33 3.53 0.90 26.44 19.29 0.90	0.62 0.90 0.62 0.90	A 249	0.14						
05070+1150	1	FND	D A 23804 B 23804	9.175 0.006 13.010 0.195							76.738 362 15 76.738 302 70	+11.830 418 52 +11.830 251 39	2.05 2.05	-3.27 -3.27	-3.46 -3.46	1.56 1.06 1.58 73.85 43.79 1.58	1.55 1.03 1.55 1.03	A 199	0.64						
05070+1650	1	IND	D A 23807 B 23810	8.565 0.007 10.435 0.026	9.002 0.017	8.521 0.017	11.012 0.070	10.083 0.047			76.755 830 23 76.759 530 15	+16.827 558 91 +16.820 600 38	11.26 12.34	51.76 55.12	-55.69 -55.52	2.35 1.71 2.03 12.41 7.80 8.20	2.65 1.58 10.09 5.50	A 153.03	28.11	-0.01	0.00				
05073-8352	1	FCA	A 23824 B 23824	7.026 0.024 9.559 0.248							76.826 323 57 76.826 126 66	-83.860 253 02 -83.860 312 28	21.01 21.01	58.04 58.04	147.61 147.61	2.31 3.14 0.64 21.16 19.21 0.64	0.62 0.74 0.62 0.74	A 200	0.23						
05074+0227	1	FCB	A 23826 B 23826	8.710 0.012 11.337 0.128	8.692 0.014	8.698 0.018					76.841 785 96 76.841 710 40	+2.448 478 61 +2.448 919 45	5.61 5.61	-0.38 -0.38	-7.61 -7.61	2.99 2.02 3.30 64.63 30.29 3.30	3.44 2.09 3.44 2.09	A 350	1.61						
05075+5532	1	FCA	A 23838 B 23838	7.633 0.005 9.282 0.020	8.002 0.014	7.439 0.014					76.877 913 22 76.877 366 15	+55.540 102 08 +55.539 916 80	7.23 7.23	-16.82 -16.82	-10.82 -10.82	1.16 0.99 1.23 6.11 6.33 1.23	1.15 0.97 1.15 0.97	A 239.1	1.30						
05077-0952	1	FCA	A 23864 B 23864	8.790 0.005 11.469 0.053	8.919 0.015	8.747 0.017					76.933 832 51 76.933 449 03	-9.864 843 45 -9.865 218 66	5.17 5.17	-11.83 -11.83	-3.17 -3.17	1.58 1.26 1.79 18.44 17.38 1.79	1.78 1.27 1.78 1.27	A 225	1.92						
05077-4546	1	FCB	A 23861 B 23861	9.140 0.006 12.475 0.131	9.059 0.013	9.145 0.017					76.921 317 92 76.923 803 80	-45.766 778 20 -45.765 462 56	2.71 2.71	1.92 1.92	-6.85 -6.85	1.17 1.23 1.18 40.42 38.53 1.18	1.21 1.33 1.21 1.33	A 52.8	7.84						
05078-4311	1	FCA	A 23872 B 23872	9.747 0.011 11.732 0.064							76.955 682 53 76.955 825 04	-43.187 913 03 -43.187 879 11	2.51 2.51	-5.26 -5.26	-12.72 -12.72	2.03 1.82 1.44 12.11 14.01 1.44	1.36 1.49 1.36 1.49	A 72	0.39						
05079+0830	1	LCA	A 23879 B 23879	5.807 0.003 6.711 0.006							76.970 304 87 76.970 256 46	+8.498 573 48 +8.498 756 15	16.84 16.84	34.96 2.12	-59.49 -63.54	1.45 1.01 1.32 3.60 2.08 1.32	1.48 1.00 2.29 1.39	A 345.3	0.680	-2.8	+0.004				
05079+4545	1	FND	D A 23880 B 23880	9.943 0.011 13.687 0.345	9.935 0.027	9.925 0.039					76.972 909 47 76.971 733 48	+45.752 234 71 +45.751 479 75	6.47 6.47	-0.88 -0.88	-4.31 -4.31	2.07 1.56 2.15 113.63 81.07 2.15	2.27 1.62 2.27 1.62	A 227	4.01						
05079+5459	1	FCA	A 23877 B 23877	8.684 0.007 8.813 0.008							76.968 354 98 76.967 957 56	+54.986 688 14 +54.986 835 12	2.36 2.36	-4.96 -4.96	-14.06 -14.06	2.00 1.89 2.24 4.20 3.20 2.24	2.08 1.91 2.08 1.91	A 302.8	0.977						
05079-6203	1	FND	D A 23886 B 23886	9.190 0.008 13.218 0.298	10.438 0.031	9.133 0.018					76.983 585 82 76.984 144 18	-62.046 745 60 -62.047 293 12	0.36 0.36	-9.32 -9.32	3.50 3.50	1.19 1.21 1.12 75.08 80.00 1.12	1.17 1.57 1.17 1.57	A 154	2.18						
05080+7335	1	FCA	A 23891 B 23891	8.320 0.005 10.237 0.025	8.450 0.007	8.174 0.008					77.013 182 54 77.013 471 96	+73.591 478 32 +73.591 832 84	6.49 6.49	-22.43 -22.43	3.95 3.95	0.79 1.08 1.20 5.87 9.94 1.20	0.80 1.19 0.80 1.19	A 13.0	1.31						



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α (ICRS) deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05081+2416	1	F CA	A 23900 D 23900	5.578 8.676	0.003 0.043						77.027 592 84 77.027 542 59	+24.265 187 65 +24.265 096 20	1.01 1.01	1.74 1.74	-5.29 -5.29	1.17 21.61	0.74 10.00	0.95 0.95	1.24 1.24	0.59 0.59	A 207		0.37		
05081+3701	1	F CA	A 23904 B 23904	11.794 12.242	0.018 0.027	11.366	0.121	11.439	0.224		77.032 999 75 77.032 552 31	+37.010 204 64 +37.010 567 60	-0.59 -0.59	16.31 16.31	-18.30 -18.30	10.72 22.10	7.13 13.41	7.24 7.24	11.49 11.49	6.97 6.97	A 315		1.83		
05082+2149	1	F CA	A 23909 B 23909	8.702 11.346	0.005 0.051						77.058 116 13 77.058 317 09	+21.813 342 35 +21.813 378 88	6.65 6.65	0.98 0.98	-17.46 -17.46	1.47 15.72	0.82 8.75	1.40 1.40	1.54 1.54	0.79 0.79	A 79		0.68		
05083+4254	1	F CC	A 23911 B 23911	8.736 12.508	0.007 0.230						77.064 754 72 77.064 765 36	+42.901 913 94 +42.901 806 03	2.10 2.10	1.19 1.19	-3.15 -3.15	2.22 75.93	1.59 50.88	1.74 1.74	1.64 1.64	0.94 0.94	A 176		0.39		
05085-4113	1	I CB	A 23926 B 23923	6.884 10.293	0.004 0.095	7.561	0.006	6.822	0.005		77.124 852 82 77.121 168 70	-41.214 369 98 -41.214 860 32	17.40 8.47	-75.06 -64.08	283.57 276.34	1.02 32.99	1.06 29.96	0.95 11.53	1.02 12.70	1.19 15.61	A 260.0	10.13	-0.1	-0.01	
05085-5659	1	F CA	A 23924 B 23924	9.098 9.214	0.006 0.006						77.121 824 71 77.122 026 50	-56.987 611 13 -56.987 750 64	3.62 3.62	-4.00 -4.00	40.06 40.06	2.78 4.65	3.58 4.51	2.19 2.19	3.30 3.30	4.49 4.49	A 142		0.639		
05089+0313	1	F CA	A 23957 B 23957	6.829 8.206	0.007 0.025						77.233 982 16 77.234 008 92	+3.218 804 88 +3.218 796 40	6.31 6.31	-6.80 -6.80	-26.15 -26.15	1.15 3.97	1.23 3.87	0.88 0.88	1.05 1.05	0.74 0.74	B 161		0.298		
05089-1255	1	F CA	A 23951 B 23951	8.138 10.561	0.008 0.070	8.731	0.012	8.029	0.010		77.215 328 80 77.215 522 31	-12.916 229 31 -12.916 587 83	9.76 9.76	32.50 32.50	-14.00 -14.00	1.35 16.56	1.12 14.23	1.55 1.55	1.27 1.27	1.06 1.06	A 152		1.46		
05091-4201	1	F CA	A 23968 B 23968	8.264 8.536	0.071 0.091						77.281 391 92 77.281 367 86	-42.018 753 23 -42.018 796 40	8.97 8.97	-0.63 -0.63	-43.49 -43.49	3.43 5.40	5.36 7.22	0.64 0.64	0.51 0.51	0.63 0.63	A 203		0.168		
05093-3813	1	F CC	A 23981 B 23981	9.601 11.822	0.135 1.046						77.313 030 58 77.313 027 75	-38.220 490 68 -38.220 428 14	0.85 0.85	2.38 2.38	0.68 0.68	5.79 43.00	19.70 71.44	1.98 1.98	1.66 1.66	2.28 2.28	A 358		0.23		
05094-1540	1	F CA	A 23988 B 23988	8.407 9.548	0.043 0.122						77.353 056 83 77.353 106 61	-15.663 580 98 -15.663 609 51	5.86 5.86	-15.53 -15.53	-17.15 -17.15	4.79 12.51	4.25 12.50	1.27 1.27	1.03 1.03	0.92 0.92	A 121		0.20		
05096+3452	1	F CA	A 23998 B 23998	9.802 11.770	0.011 0.065						77.387 928 45 77.387 997 70	+34.867 251 64 +34.867 334 00	2.88 2.88	-3.24 -3.24	-1.94 -1.94	2.61 19.74	1.76 11.38	1.92 1.92	1.99 1.99	1.22 1.22	A 35		0.36		
05096-0356	1	F ND	D 24001 B 24001	9.012 12.173	0.012 0.201	10.242	0.033	8.936	0.019		77.400 890 12 77.399 424 66	-3.925 387 19 +3.925 518 10	0.51 0.51	20.92 20.92	-6.14 -6.14	1.91 48.98	1.64 39.06	2.01 2.01	2.17 2.17	1.84 1.84	A 232.3		6.65		
05097+2546	1	F CA	A 24011 B 24011	9.693 11.494	0.011 0.051	9.995	0.027	9.572	0.028		77.427 439 19 77.423 821 73	+25.765 478 53 +25.767 636 37	0.81 0.81	3.11 3.11	-10.14 -10.14	2.45 20.62	1.37 10.48	2.29 2.29	2.63 2.63	1.35 1.35	A 303.5		14.07		
05097+3741	1	F CA	A 24013 B 24013	8.303 10.818	0.005 0.047	9.351	0.017	8.191	0.011		77.428 161 16 77.427 838 79	+37.682 737 14 +37.682 918 91	6.60 6.60	-53.80 -53.80	-35.19 -35.19	1.75 31.54	1.22 7.66	1.58 1.58	1.75 1.75	1.22 1.22	A 305		1.13		
05098+2802	1	L ND	X A 24019 B 24020 C 24020	6.100 9.107 9.714	0.014 0.168 0.241	6.346	0.004	6.045	0.004		77.437 730 63 77.439 324 61 77.439 533 63	+28.030 608 35 +28.033 765 98 +28.033 775 91	18.28 18.28 18.28	55.86 103.25 26.21	-60.57 15.87 -17.82	1.44 43.28 71.15	0.86 22.52 33.96	1.30 1.30 1.30	1.33 28.89 41.59	0.77 13.07 18.32	A 24.0	12.44	+0.1	+0.09	
05100+0810	1	L CB	A 24031 B 24031	7.079 10.391	0.004 0.079	7.554	0.007	7.003	0.006		77.492 764 24 77.491 752 65	+8.173 411 92 +8.173 222 99	11.86 11.86	-47.60 1.25	-107.40 -95.70	1.36 24.82	0.89 18.52	1.34 1.34	1.27 15.76	0.80 10.71	A 259.3	3.67	0.0	-0.05	
05100+1053	1	F CA	A 24032 B 24032	8.295 10.149	0.004 0.023	9.512	0.021	8.230	0.013		77.496 549 76 77.496 829 00	+10.892 549 99 +10.891 587 70	3.92 3.92	-8.05 -8.05	-11.02 -11.02	1.49 7.84	0.93 6.06	1.52 1.52	1.54 1.54	0.95 0.95	A 164.1		3.60		
05101+2645	1	F CA	A 24047 B 24047	9.765 10.347	0.174 0.297						77.518 694 81 77.518 758 02	+26.753 651 73 +26.753 657 87	4.09 4.09	31.90 31.90	-44.11 -44.11	18.58 25.22	3.22 6.65	1.55 1.55	1.62 1.62	0.91 0.91	A 84		0.20		
05101+6816	1	F CC	A 24044 B 24044	8.868 11.332	0.139 1.342						77.514 382 33 77.514 365 54	+68.265 558 24 +68.265 604 38	2.23 2.23	5.52 5.52	-7.58 -7.58	5.30 33.34	9.16 120.41	0.93 0.93	0.65 0.65	0.84 0.84	A 352		0.17		
05101-0829	1	F CA	A 24051 B 24051	10.058 10.326	0.080 0.103						77.531 268 31 77.531 291 91	-8.481 714 16 -8.481 668 10	2.31 2.31	-2.06 -2.06	0.27 0.27	8.17 11.88	7.46 11.12	1.73 1.73	1.31 1.31	0.96 0.96	A 27		0.19		
05102+2208	1	F CB	A 24063 B 24063	7.901 9.092	0.212 0.637						77.553 928 06 77.553 914 42	+22.136 659 76 +22.136 687 70	4.35 4.35	-8.63 -8.63	-0.06 -0.06	7.42 29.49	11.53 25.09	0.93 0.93	1.06 1.06	0.56 0.56	A 336		0.11		
05102-7205	1	F CA	A 24062 B 24062	8.770 9.015	0.006 0.008	9.935	0.028	8.675	0.017		77.554 892 53 77.554 334 93	-72.076 832 35 -72.076 898 22	2.19 2.19	-6.72 -6.72	-7.93 -7.93	1.55 3.01	1.63 3.17	1.47 1.47	1.54 1.54	2.05 2.05	A 266.56		3.948		
05103+3719	1	F CA	B 24072 A 24072	6.717 6.916	0.008 0.009	6.881	0.009	6.497	0.038		77.578 354 58 77.578 734 21	+37.301 851 20 +37.302 187 45	1.59 1.59	2.62 2.62	1.05 1.05	2.45 2.97	1.56 1.73	1.62 1.62	1.82 1.82	1.31 1.31	B 41.9		1.627		
05103+5704	1	F CA	A 24067 B 24067	8.183 11.358	0.004 0.079	8.268	0.009	8.123	0.011		77.574 327 07 77.574 455 66	+57.072 250 68 +57.072 671 94	2.43 2.43	-2.00 -2.00	-8.95 -8.95	1.26 35.49	1.10 32.61	1.50 1.50	1.51 1.51	1.19 1.19	A 9		1.54		
05103-0736	1	F CA	A 24076 S 24076	8.184 8.383	0.060 0.072						77.586 258 77 77.586 214 95	-7.593 689 10 -7.593 656 41	17.56 17.56	-40.93 -40.93	-174.65 -174.65	6.18 6.50	5.26 5.47	0.99 0.99	1.00 1.00	0.66 0.66	A 307		0.196		
05105+0137	1	F CA	A 24088 B 24088	10.125 10.515	0.008 0.011						77.617 583 12 77.617 550 06	+1.621 543 74 +1.621 342 33	-1.25 -1.25	-2.33 -2.33	1.58 1.58	4.90 7.91	3.62 5.20	5.30 5.30	5.49 5.49	4.07 4.07	A 189		0.735		

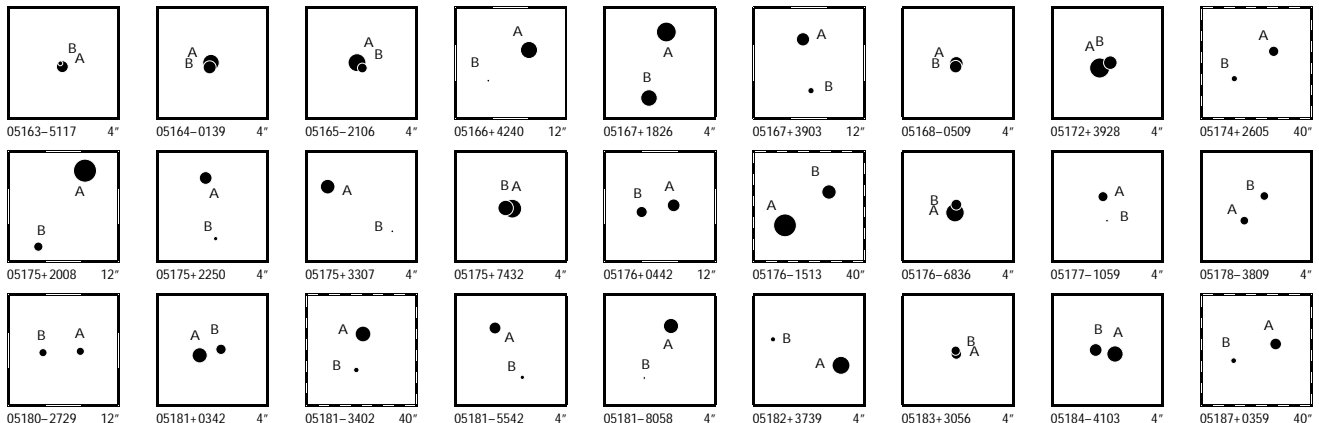


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05106+4924	1	FCA	A 24097 B 24097	8.321 0.005 11.306 0.070				77.641 945 01 +49.395 947 00 77.642 140 85 +49.396 038 94	3.84 3.84	-11.48 -9.04 -11.48 -9.04	2.05 1.42 1.85 2.18 1.28 44.85 30.78 1.85 2.18 1.28	A 54 0.57														
05106-4615	1	FCA	A 24095 B 24095	9.634 0.008 12.340 0.091				77.639 648 04 -46.250 847 42 77.639 557 81 -46.250 951 41	7.48 7.48	16.03 45.83 16.03 45.83	1.56 1.68 1.22 1.25 1.40 24.55 23.76 1.22 1.25 1.40	A 211 0.44														
05107+6336	1	FCC	A 24108 B 24108	6.821 0.004 10.790 0.135	7.084 0.004 11.558 0.080	6.767 0.004 10.567 0.050		77.677 719 86 +63.597 410 25 77.675 470 98 +63.600 535 61	11.63 11.63	33.65 -81.55 33.65 -81.55	0.65 0.58 0.88 0.66 0.58 33.54 24.86 0.88 0.66 0.58	A 342.3 11.81														
05107-2045	1	ICA	A 24112 B 120001	7.636 0.007 10.353 0.073	7.588 0.005 10.695 0.039	7.616 0.006 10.300 0.043		77.681 209 83 -20.748 410 93 77.676 787 60 -20.750 829 56	6.99 4.54	-6.31 0.53 -5.89 22.37	1.07 1.12 1.24 1.18 1.22 24.20 28.88 12.21 27.51 32.08	A 239.7 17.25 +0.1 -0.01														
05107-4827	1	FCC	A 24111 B 24111	7.820 0.005 11.759 0.191	7.965 0.007	7.767 0.008		77.680 456 15 -48.455 472 36 77.680 217 84 -48.456 181 79	7.65 7.65	26.45 14.79 26.45 14.79	0.95 0.95 0.95 1.00 1.15 42.80 55.97 0.95 1.00 1.15	A 193 2.62														
05110+3202	1	LCA	A 24133 B 24133	8.162 0.004 9.010 0.009	8.862 0.020 9.689 0.056	8.079 0.016 8.789 0.045		77.746 629 06 +32.038 757 44 77.748 011 85 +32.039 345 34	21.39 21.39	-116.47 21.53 -116.98 29.33	2.28 1.39 2.18 1.81 1.16 5.31 3.22 2.18 4.29 2.50	A 63.36 4.721 -0.09 +0.003														
05110+3917	1	ICA	A 24137 B 24141	8.449 0.020 9.814 0.041	9.183 0.019 10.042 0.034	8.335 0.015 9.405 0.030		77.759 571 80 +39.282 009 65 77.765 071 63 +39.283 123 68	8.18 9.15	36.90 21.34 17.82 12.32	3.58 2.53 3.13 3.77 2.54 17.43 11.93 8.87 13.85 9.04	A 75.33 15.84 +0.01 -0.02														
05110-0146	1	FCA	A 24127 B 24127	8.375 0.005 8.950 0.009				77.738 822 50 -1.763 920 85 77.738 772 69 -1.764 085 16	1.11 1.11	2.02 -4.95 2.02 -4.95	2.00 1.64 2.05 2.33 1.95 3.59 2.40 2.05 2.33 1.95	A 196.9 0.618														
05110-2427	1	FCA	A 24138 B 24138	8.991 0.009 11.996 0.148	9.083 0.007	8.915 0.009		77.761 406 56 -24.448 387 64 77.759 973 92 -24.449 357 68	4.26 4.26	1.55 12.56 1.55 12.56	1.23 2.04 2.56 1.34 2.21 27.44 40.56 2.56 1.34 2.21	A 233.4 5.85														
05110-4329	1	FCA	A 24128 B 24128	10.487 0.087 10.553 0.092				77.740 580 89 -43.490 505 56 77.740 551 91 -43.490 442 55	1.97 1.97	19.77 7.16 19.77 7.16	5.37 9.90 1.36 1.34 1.87 7.99 11.55 1.36 1.34 1.87	A 342 0.24														
05114-3154	1	FCA	A 24168 B 24168	8.768 0.006 11.618 0.082				77.844 121 95 -31.908 583 18 77.844 199 56 -31.908 858 79	4.69 4.69	14.89 9.35 14.89 9.35	1.01 1.13 1.32 1.09 1.21 16.42 18.78 1.32 1.09 1.21	A 167 1.02														
05118+0102	1	FCA	A 24203 B 24203	6.356 0.005 7.406 0.014	6.968 0.058	6.114 0.022		77.938 960 00 +1.037 054 65 77.938 953 44 +1.036 591 99	3.56 3.56	0.95 -11.12 0.95 -11.12	1.22 0.90 1.30 1.21 1.00 5.66 3.09 1.30 1.21 1.00	A 180.8 1.666														
05120+4154	1	FCB	A 24220 B 24220	8.653 0.006 11.906 0.117	8.661 0.013	8.613 0.017		78.010 865 98 +41.897 925 87 78.009 070 83 +41.898 752 57	0.73 0.73	0.00 -3.82 0.00 -3.82	1.91 1.13 1.93 1.91 1.10 40.04 28.97 1.93 1.91 1.10	A 301.7 5.66														
05121+0036	1	FCB	A 24227 B 24227	8.326 0.012 11.561 0.228	8.637 0.015	8.211 0.015		78.023 449 23 +0.604 637 44 78.023 191 82 +0.604 394 72	6.87 6.87	20.27 0.80 20.27 0.80	2.60 2.40 2.71 3.13 2.95 85.53 38.85 2.71 3.13 2.95	A 227 1.27														
05121+4224	1	FCC	A 24223 B 24223	8.331 0.125 10.567 0.978				78.014 767 33 +42.399 323 01 78.014 794 94 +42.399 356 91	1.65 1.65	1.11 -2.60 1.11 -2.60	6.17 8.25 1.28 1.10 0.65 44.94 48.84 1.28 1.10 0.65	A 31 0.14														
05122-7859	1	LCA	A 24237 B 24237	9.356 0.006 11.317 0.030	9.892 0.021	9.251 0.018		78.058 848 62 -78.986 407 12 78.052 199 23 -78.988 660 09	3.84 3.84	-8.74 27.53 -6.56 -0.99	1.31 1.16 1.17 1.11 1.21 11.33 9.91 1.17 7.76 8.31	A 209.4 9.31 -0.1 +0.02														
05124-2455	1	FCA	A 24257 B 24257	8.772 0.005 9.570 0.011	9.145 0.011 9.804 0.020	8.627 0.011 9.206 0.021		78.108 139 49 -24.922 209 39 78.108 641 83 -24.922 146 58	7.84 7.84	13.73 -33.10 13.73 -33.10	1.08 1.53 1.97 1.15 1.68 3.23 4.88 1.97 1.15 1.68	A 82.2 1.656														
05125-0302	1	FNB	A 24261 B 24261	9.348 0.007 9.350 0.007				78.113 180 90 -3.037 220 31 78.113 576 06 -3.037 308 96	7.58 7.58	1.45 -4.23 1.45 -4.23	2.24 1.64 2.14 1.85 1.55 3.36 2.34 2.14 1.85 1.55	A 102.7 1.456														
05126+1024	1	FCA	A 24273 B 24273	8.737 0.083 9.892 0.241				78.144 538 77 +10.408 312 88 78.144 503 46 +10.408 277 41	4.96 4.96	16.12 -7.46 16.12 -7.46	8.64 5.24 1.18 1.20 0.88 27.41 16.71 1.18 1.20 0.88	A 224 0.18														
05130+0828	1	FCA	A 24310 B 24310	9.446 0.007 9.789 0.010				78.252 415 56 +8.467 610 50 78.252 431 73 +8.467 743 12	0.92 0.92	4.60 -5.26 4.60 -5.26	2.55 1.96 2.48 2.71 2.03 3.84 2.68 2.48 2.71 2.03	A 6.9 0.481														
05131+1830	1	FCA	A 24317 B 24317	10.559 0.171 11.224 0.316				78.270 375 10 +18.498 681 95 78.270 450 52 +18.498 700 62	0.73 0.73	2.86 -5.49 2.86 -5.49	19.83 5.95 2.58 3.00 1.62 43.18 16.08 2.58 3.00 1.62	A 75 0.27														
05131+2424	1	FCA	A 24315 B 24315	8.226 0.003 9.810 0.014				78.264 260 43 +24.396 960 01 78.264 421 60 +24.397 092 47	10.66 10.66	-5.13 -17.78 -5.13 -17.78	1.58 0.92 1.49 1.80 0.90 8.59 4.33 1.49 1.80 0.90	A 48 0.71														
05132-1256	1	FCA	A 24327 B 24327	4.430 0.002 6.999 0.024	4.301 0.004	4.411 0.005		78.307 854 22 -12.941 288 33 78.307 824 52 -12.940 683 76	5.83 5.83	-12.22 -1.32 -12.22 -1.32	0.61 0.52 0.69 0.59 0.55 6.84 4.35 0.69 0.59 0.55	A 357.3 2.179														
05133+0251	1	FCA	A 24331 B 24331	4.669 0.003 8.498 0.094	6.061 0.005	4.619 0.003		78.322 831 71 +2.861 253 46 78.324 549 58 +2.862 111 84	9.49 9.49	3.05 4.94 3.05 4.94	0.87 0.69 0.82 0.98 0.78 25.47 18.21 0.82 0.98 0.78	A 63.4 6.91														
05133-5935	1	FCA	A 24333 B 24333	7.329 0.003 10.515 0.061				78.327 228 25 -59.585 735 52 78.327 470 53 -59.585 895 72	4.94 4.94	5.42 24.79 5.42 24.79	0.79 0.77 0.79 0.79 0.73 15.94 14.52 0.79 0.79 0.73	A 143 0.73														
05135+0158	1	FCA	A 24349 B 24349	6.665 0.005 7.274 0.009				78.381 472 20 +1.967 684 35 78.381 338 62 +1.967 597 93	3.71 3.71	6.06 -0.05 6.06 -0.05	1.67 1.27 1.43 1.76 1.43 4.20 2.72 1.43 1.76 1.43	A 237.1 0.573														
05135+3539	1	FCA	A 24350 B 24350	7.961 0.008 11.591 0.211				78.382 453 44 +35.653 060 06 78.382 472 85 +35.653 254 24	4.54 4.54	-7.70 -4.26 -7.70 -4.26	1.53 0.96 1.53 1.90 0.99 45.04 25.58 1.53 1.90 0.99	A 5 0.70														



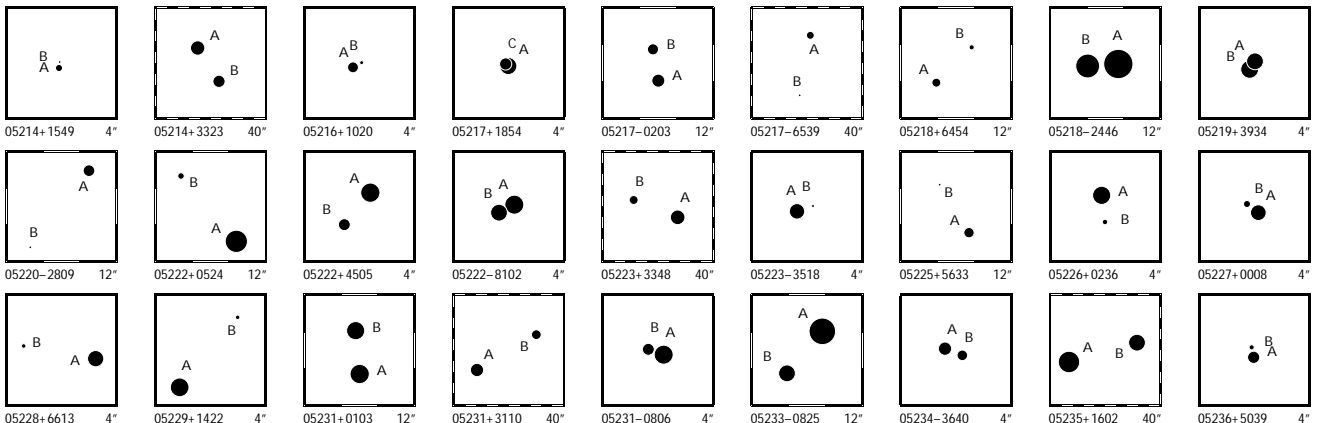
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05135-0720	1	F CA	A	24353	10.219	0.046					78.386 515 56	-7.329 825 00	7.24	0.14	-11.66	3.53	5.33	2.02	1.94	1.49					
			B	24353	10.768	0.076							78.386 518 43	-7.329 891 88	7.24	0.14	-11.66	7.76	9.49	2.02	1.94	1.49	A	178	0.24
05135-3154	1	L CA	A	24355	8.236	0.007	8.617	0.020	8.196	0.020	78.387 211 79	-31.904 264 49	12.66	13.00	3.36	1.48	1.59	1.67	1.33	1.59					
			B	24355	8.496	0.009							78.388 403 47	-31.905 971 60	12.66	22.06	13.95	3.21	3.38	1.67	2.53	3.28	A	149.35	7.144
05135-4753	1	F CA	A	24346	8.832	0.005	9.205	0.021	8.720	0.021	78.371 684 38	-47.875 172 31	8.51	0.66	48.50	1.39	1.30	1.32	1.62	1.67					
			B	24346	9.214	0.007	9.538	0.036	9.078	0.036	78.370 436 37	-47.874 989 14	8.51	0.66	48.50	2.20	2.16	1.32	1.62	1.67	A	282.34	3.085		
05136+0413	1	F CB	A	24363	8.936	0.149					78.407 872 97	+4.211 169 63	6.12	-0.09	-3.71	6.96	12.19	1.40	1.66	1.11					
			B	24363	10.604	0.694							78.407 883 34	+4.211 209 90	6.12	-0.09	-3.71	40.04	40.49	1.40	1.66	1.11	A	14	0.15
05136-6735	1	F CA	A	24366	9.468	0.008	10.205	0.040	9.364	0.031	78.412 131 59	-67.575 658 10	6.43	51.13	71.23	1.45	1.40	1.30	1.31	1.59					
			B	24366	11.146	0.035							78.417 492 10	-67.576 329 83	6.43	51.13	71.23	8.21	8.15	1.30	1.31	1.59	A	108.2	7.75
05138+4659	1	F CA	A	24380	7.633	0.004	7.669	0.010	7.628	0.013	78.456 264 04	+46.976 704 26	2.08	-5.48	-1.86	1.06	0.71	1.06	1.41	0.77					
			B	24380	10.669	0.056	10.423	0.072	10.639	0.143	78.456 093 85	+46.975 077 41	2.08	-5.48	-1.86	16.06	11.16	1.06	1.41	0.77	A	184.1	5.87		
05138-5038	1	F CA	A	24381	9.415	0.007	10.733	0.039	9.369	0.021	78.457 942 20	-50.635 757 40	3.50	5.72	6.71	1.20	1.45	1.30	1.14	1.41					
			B	24381	11.876	0.063							78.457 248 13	-50.635 391 36	3.50	5.72	6.71	13.06	17.32	1.30	1.14	1.41	A	309.7	2.06
05139-2259	1	F CA	A	24387	7.582	0.005	8.721	0.010	7.510	0.006	78.482 583 69	-22.988 501 32	3.57	11.01	23.33	0.79	0.89	1.23	0.98	1.14					
			B	24387	10.513	0.065	10.898	0.059	10.273	0.052	78.483 160 85	-22.986 166 37	3.57	11.01	23.33	11.72	13.41	1.23	0.98	1.14	A	12.8	8.62		
05140+3655	1	F CA	A	24398	8.290	0.015					78.510 520 53	+36.916 277 17	0.93	-4.62	-4.29	1.70	2.21	1.18	1.16	0.72					
			B	24398	8.653	0.021							78.510 551 85	+36.916 205 47	0.93	-4.62	-4.29	2.67	3.00	1.18	1.16	0.72	A	161	0.273
05140+5126	1	F CA	A	24397	7.428	0.005					78.507 007 60	+51.431 041 83	16.76	60.00	-137.14	1.31	0.98	1.17	1.09	0.74					
			B	24397	9.935	0.045							78.507 175 40	+51.430 958 86	16.76	60.00	-137.14	13.10	10.57	1.17	1.09	0.74	A	128	0.48
05140+8229	1	F CA	A	24393	9.755	0.010	9.794	0.020	9.745	0.027	78.495 202 31	+82.479 376 36	0.55	-0.68	2.84	1.36	1.67	1.58	1.35	2.12					
			B	24393	11.740	0.058							78.500 254 78	+82.478 601 64	0.55	-0.68	2.84	11.71	17.40	1.58	1.35	2.12	A	139.5	3.67
05142+5446	1	F CA	A	24410	9.185	0.012	9.696	0.025	8.947	0.021	78.551 051 00	+54.758 814 60	1.85	4.59	-11.15	2.11	1.53	2.10	2.13	1.43					
			B	24410	10.062	0.026							78.551 966 85	+54.758 830 19	1.85	4.59	-11.15	6.74	4.80	2.10	2.13	1.43	A	88.3	1.90
05142-0639	1	F CA	A	24408	9.912	0.010	10.354	0.037	9.841	0.036	78.546 370 10	-6.652 159 09	6.12	-10.98	19.63	2.74	1.87	2.80	2.89	1.99					
			B	24408	12.263	0.085							78.546 114 50	-6.650 350 80	6.12	-10.98	19.63	30.48	22.61	2.80	2.89	1.99	A	352.0	6.57
05143+6949	1	F CA	A	24417	7.560	0.003	8.800	0.009	7.494	0.005	78.582 469 17	+69.823 944 80	8.52	29.53	-100.33	0.64	0.97	1.18	0.63	1.21					
			B	24417	9.276	0.015	9.843	0.023	9.055	0.018	78.579 687 07	+69.822 870 71	8.52	29.53	-100.33	3.21	6.43	1.18	0.63	1.21	A	221.8	5.19		
05145-1823	1	F CA	A	24427	7.860	0.007	9.243	0.015	7.818	0.008	78.620 766 53	-18.385 134 13	3.01	-11.74	11.44	1.22	1.23	1.45	1.26	1.36					
			B	24427	10.522	0.082							78.620 346 25	-18.385 044 65	3.01	-11.74	11.44	15.77	13.86	1.45	1.26	1.36	A	283	1.47
05145-4019	1	F CA	A	24429	10.192	0.010	10.080	0.039	9.501	0.036	78.626 549 26	-40.319 755 50	8.63	6.74	-33.98	2.89	2.80	2.83	3.55	3.15					
			B	24429	10.305	0.012	10.162	0.055	9.768	0.055	78.626 530 38	-40.319 336 81	8.63	6.74	-33.98	4.20	6.55	2.83	3.55	3.15	A	358.0	1.51		
05146+7628	1	F CA	A	24440	6.419	0.002	6.360	0.003	6.381	0.004	78.648 095 87	+76.472 769 09	7.75	-8.58	-3.27	0.50	0.58	0.65	0.49	0.63					
			B	24440	9.463	0.033							78.650 049 81	+76.472 479 83	7.75	-8.58	-3.27	7.65	9.72	0.65	0.49	0.63	A	122.3	1.95
05147-0704	1	F CA	A	24449	7.090	0.004	8.800	0.029	7.093	0.015	78.672 128 47	-7.071 641 54	3.98	-8.74	-10.10	1.16	0.87	1.31	1.32	0.91					
			B	24449	8.645	0.015	9.617	0.139	8.784	0.113	78.671 286 78	-7.070 804 77	3.98	-8.74	-10.10	5.62	4.57	1.31	1.32	0.91	A	315.1	4.26		
05148+1232	1	F CA	A	24452	8.512	0.009					78.687 612 68	+12.525 414 59	5.32	-4.60	-8.39	1.95	1.33	1.83	1.78	1.30					
			B	24452	9.377	0.019							78.687 875 83	+12.525 276 46	5.32	-4.60	-8.39	6.05	4.53	1.83	1.78	1.30	A	118.3	1.05
05150+3521	1	F CA	A	24464	8.383	0.006	9.569	0.024	8.338	0.015	78.745 597 39	+35.357 576 40	4.27	-3.01	-3.97	1.61	0.87	1.55	1.64	0.84					
			B	24464	10.896	0.055							78.746 139 24	+35.357 098 78	4.27	-3.01	-3.97	17.87	7.59	1.55	1.64	0.84	A	137.2	2.34
05151-3639	1	IND	D	24474	6.915	0.018	8.167	0.008	6.844	0.005	78.786 508 42	-36.652 895 47	4.03	1.44	2.43	1.16	1.22	1.14	1.08	1.29					
			B	24470	8.771	0.074	9.738	0.026	8.669	0.017	78.778 588 98	-36.651 097 07	14.49	-10.80	-20.93	18.12	21.07	12.30	11.27	15.47	A	285.80	23.77	-0.06	+0.01
05152+0826	1	F CA	A	24477	7.789	0.007	8.034	0.014	7.728	0.017	78.793 874 54	+8.432 475 00	10.27	10.79	-39.06	2.10	1.41	2.05	2.65	1.70					
			B	24477	8.505	0.013	8.891	0.045	8.338	0.042	78.793 994 77	+8.431 147 56	10.27	10.79	-39.06	6.93	4.45	2.05	2.65	1.70	A	174.9	4.798		
05153+4710	1	F CA	A	24488	7.251	0.013					78.814 077 23	+47.170 986 93	8.94	92.05	-105.73	2.35	1.18	1.35	1.54	0.95					
			B	24488	9.102	0.070							78.814 221 00	+47.171 004 52	8.94	92.05	-105.73	12.19	6.47	1.35					

System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
05163-5117	1	F C B	A 24572 B 24572	9.348 0.146 10.918 0.618				79.064 277 29 79.064 317 62	-21.279 855 97 -51.279 818 01	6.75 6.75	52.17 91.45 52.17 91.45	5.44 12.11 0.87 32.44 33.54 0.87	0.89 1.09 0.89 1.09	A 34	0.16												
05164-0139	1	F C A	A 24580 B 24580	8.326 0.064 9.116 0.134				79.102 881 20 79.102 895 80	-1.642 008 84 -1.642 054 28	3.56 3.56	5.00 4.01 5.00 4.01	2.53 5.68 1.03 4.84 8.90 1.03	0.96 0.57 0.96 0.57	A 162	0.172												
05165-2106	1	F C A	A 24592 B 24592	8.066 0.013 9.810 0.065				79.127 272 17 79.127 207 52	-21.100 064 38 -21.100 120 46	7.26 7.26	-5.05 15.04 -5.05 15.04	1.98 2.24 1.15 8.26 9.99 1.15	1.04 1.11 1.04 1.11	A 227	0.30												
05166+4240	1	F N D	A 24594 B 24594	8.210 0.006 11.422 0.104	8.513 0.015	8.136 0.015		79.137 519 09 79.139 254 81	+42.667 608 92 +42.666 674 13	5.70 5.70	-8.55 11.00 -8.55 11.00	1.54 1.11 1.60 33.16 23.05 1.60	1.51 1.12 1.51 1.12	A 126.2	5.70												
05167+1826	1	F C C	A 24612 B 24612	7.646 0.012 8.353 0.024	7.725 0.014	7.659 0.015		79.182 831 29 79.183 019 74	+18.439 543 08 +18.438 867 60	2.97 2.97	1.42 -3.49 1.42 -3.49	2.49 1.74 2.37 6.20 4.02 2.37	2.52 1.73 2.52 1.73	A 165.2	2.515												
05167+3903	1	F C A	A 24605 B 24605	9.078 0.007 10.628 0.029	9.180 0.018	9.019 0.021		79.166 780 42 79.166 446 83	+39.045 794 29 +39.044 197 47	3.22 3.22	3.23 -10.88 3.23 -10.88	1.61 1.06 1.61 7.52 5.26 1.61	1.84 1.07 1.84 1.07	A 189.2	5.82												
05168-0509	1	F C B	A 24616 B 24616	8.971 0.313 9.242 0.402				79.199 566 10 79.199 576 89	-5.151 434 04 -5.151 466 47	4.82 4.82	-12.78 -2.99 -12.78 -2.99	7.37 22.47 1.09 10.18 15.07 1.09	0.94 0.68 0.94 0.68	A 162	0.12												
05172+3928	1	F C A	A 24638 B 24638	7.535 0.007 8.986 0.027				79.301 739 93 79.301 604 87	+39.463 658 76 +39.463 708 69	1.56 1.56	1.22 -3.51 1.22 -3.51	2.07 1.38 1.57 9.32 6.85 1.57	1.66 0.97 1.66 0.97	A 296	0.42												
05174+2605	1	I C A	A 24654 B 24655	9.694 0.029 10.641 0.054	9.993 0.029	9.490 0.030		79.352 273 13 79.356 732 30	+26.083 170 43 +26.080 319 39	16.51 24.03	-16.80 -0.70 -19.09 8.27	5.61 2.59 4.68 27.19 13.13 13.04	4.71 2.42 18.49 9.08	A 125.44	17.70	-0.02	-0.01										
05175+2008	1	F C A	A 24663 B 24663	6.871 0.007 9.932 0.110	7.340 0.008	6.816 0.009		79.379 839 89 79.381 379 92	+20.132 070 90 +20.129 705 40	13.66 13.66	-14.34 -94.09 -14.34 -94.09	1.48 1.24 1.64 29.60 13.69 1.64	1.93 1.20 1.93 1.20	A 148.6	9.98												
05175+2250	1	F C A	A 24668 B 24668	9.199 0.006 11.046 0.034	9.561 0.024	9.102 0.023		79.385 147 60 79.385 031 95	+22.829 210 27 +22.828 587 86	6.11 6.11	-2.76 1.02 -2.76 1.02	1.84 1.13 1.79 13.25 7.41 1.79	2.71 1.26 2.71 1.26	A 189.7	2.27												
05175+3307	1	F C A	A 24667 B 24667	8.731 0.005 11.889 0.083	8.751 0.018	8.714 0.023		79.384 814 86 79.384 029 53	+33.124 620 87 +33.124 167 09	2.21 2.21	1.94 -2.58 1.94 -2.58	1.33 0.79 1.35 24.93 16.39 1.35	1.34 0.76 1.34 0.76	A 235.4	2.88												
05175+7432	1	F C A	A 24664 B 24664	7.881 0.021 8.598 0.041				79.381 707 75 79.381 933 40	+74.535 878 12 +74.535 885 90	5.06 5.06	3.91 -30.79 3.91 -30.79	2.41 1.92 0.76 4.01 4.07 0.76	0.53 0.71 0.53 0.71	A 83	0.218												
05176+0442	1	F C A	A 24676 B 24676	9.175 0.007 9.512 0.009	9.662 0.031	9.080 0.028		79.412 520 88 79.413 496 61	+4.683 844 68 +4.683 629 07	1.92 1.92	13.33 -30.16 13.33 -30.16	3.26 2.10 2.96 5.42 3.58 2.96	3.81 2.18 3.81 2.18	A 102.5	3.59												
05176-1513	1	L F C	A 24670 B 24669	6.970 0.032 8.837 0.148	6.882 0.005	6.947 0.006		79.397 916 97 79.393 138 12	-15.219 572 90 -15.216 184 31	2.52 2.52	1.80 3.10 -13.30 14.70	1.90 1.87 1.99 19.45 18.20 1.99	1.57 1.83 16.46 14.93	A 306.31	20.60	0.00	+0.02										
05176-6836	1	F C A	A 24671 B 24671	7.934 0.015 9.605 0.068				79.398 146 77 79.398 116 27	-68.593 142 15 -68.593 056 19	3.47 3.47	-21.00 2.63 -21.00 2.63	1.49 2.31 0.78 7.53 8.42 0.78	0.80 0.88 0.80 0.88	A 353	0.31												
05177-1059	1	F C A	A 24687 B 24687	9.776 0.008 11.430 0.034				79.431 420 03 79.431 370 78	-10.979 345 88 -10.979 593 51	-0.40 -0.40	10.91 -3.30 10.91 -3.30	2.16 1.80 2.31 11.62 10.42 2.31	2.33 1.93 2.33 1.93	A 191	0.91												
05178-3809	1	F C A	A 24697 B 24697	10.073 0.009 10.096 0.009				79.450 621 51 79.450 366 03	-38.151 986 42 -38.151 734 24	4.71 4.71	15.39 28.79 15.39 28.79	2.06 2.36 2.33 3.54 4.68 2.33	2.08 2.90 2.08 2.90	A 321.5	1.16												
05180-2729	1	F N D	A 24710 B 24710	10.171 0.041 10.188 0.041	10.993 0.046	9.803 0.025		79.501 734 15 79.503 021 21	-27.490 437 91 -27.490 498 71	19.09 19.09	-47.57 -109.53 -47.57 -109.53	6.11 7.97 3.25 3.22 3.71 3.25	2.64 2.75 2.64 2.75	A 93.0	4.12												
05181+0342	1	F C A	A 24714 B 24714	8.637 0.005 9.739 0.017				79.514 714 68 79.514 496 46	+3.691 761 14 +3.691 822 94	8.92 8.92	-66.49 1.91 -66.49 1.91	2.04 1.42 2.25 6.69 5.18 2.25	2.52 1.57 2.52 1.57	A 285.8	0.81												
05181-3402	1	I C A	A 24711 B 24712	8.514 0.007 10.797 0.052	9.082 0.012	8.434 0.011		79.513 536 98 79.514 272 31	-34.029 659 25 -34.033 321 81	14.12 9.65	72.99 20.68 72.53 16.66	1.56 1.66 1.52 15.80 17.27 7.21	1.71 1.97 10.80 15.70	A 170.55	13.37	0.00	0.00										
05181-5542	1	F C A	A 24717 B 24717	9.355 0.006 11.028 0.029	10.049 0.028	9.157 0.018		79.518 682 94 79.518 188 11	-55.707 243 49 -55.707 749 21	5.71 5.71	19.41 18.36 19.41 18.36	1.34 1.41 1.31 7.96 8.49 1.31	1.39 1.72 1.39 1.72	A 208.9	2.08												
05181-8058	1	F C A	A 24718 B 24718	8.633 0.005 11.557 0.063	9.179 0.013	8.537 0.012		79.523 042 58 79.524 765 80	-80.964 690 80 -80.965 224 45	14.06 14.06	-49.80 47.59 -49.80 47.59	0.90 0.93 0.88 14.83 17.78 0.88	0.98 1.14 0.98 1.14	A 153.1	2.15												
05182+3739	1	F C B	A 24724 B 24724	8.022 0.008 10.832 0.101	8.059 0.011	7.995 0.011		79.542 407 23 79.543 286 62	+37.650 142 17 +37.650 414 17	0.37 0.37	3.98 -2.00 3.98 -2.00	1.60 1.00 1.55 31.11 15.30 1.55	1.61 0.98 1.61 0.98	A 68.7	2.69												
05183+3056	1	F C A	A 24743 B 24743	9.672 0.254 9.948 0.327				79.582 226 58 79.582 236 25	+30.933 356 67 +30.933 389 93	4.31 4.31	1.91 -35.86 1.91 -35.86	11.30 15.00 1.95 15.16 17.76 1.95	1.84 0.86 1.84 0.86	A 14	0.12												
05184-4103	1	F C A	A 24751 B 24751	8.421 0.004 9.187 0.008				79.610 270 29 79.610 534 25	-41.044 355 45 -41.044 317 07	7.07 7.07	5.54 -19.21 5.54 -19.21	1.11 1.25 1.24 2.28 3.43 1.24	1.12 1.43 1.12 1.43	A 79.1	0.730												
05187+0359	1	F C A	A 24774 B 24774	9.424 0.029 10.710 0.083	9.927 0.031	9.268 0.026		79.672 235 36 79.676 550 56	+3.981 559 95 +3.979 812 38	3.81 3.81	50.10 42.25 50.10 42.25	3.40 2.51 3.84 25.62 17.28 3.84	4.31 2.82 4.31 2.82	A 112.1	16.73												

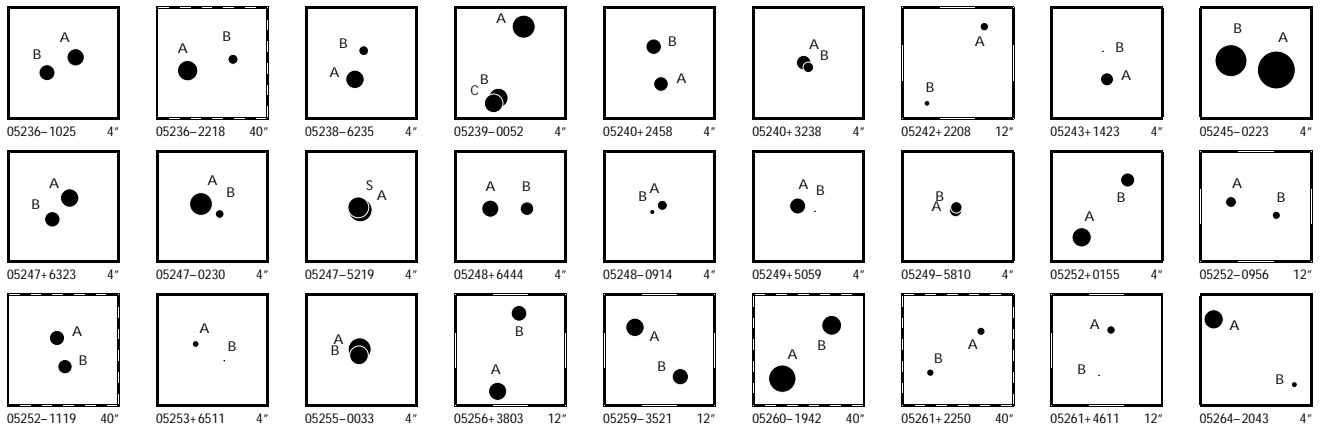


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
05188+5250	1	F	C	A	24782	8.392	0.006				79.696	580 88	+52.830	947 17	8.07	37.56	16.98	2.13	1.54	1.92	2.28	1.62	A	304.7	0.99			
				B	24782	8.868	0.010				79.696	205 25	+52.831	104 11	8.07	37.56	16.98	5.12	3.19	1.92	2.28	1.62						
05188-2124	1	F	C	B	24783	9.497	0.009	11.053	0.055	9.537	0.025	79.696	990 88	-21.393	665 93	49.34	-139.42	-39.09	1.42	1.63	2.13	1.84	2.04	A	77.5	4.97		
				B	24783	12.525	0.147				79.698	437 69	-21.393	366 35	49.34	-139.42	-39.09	32.06	37.99	2.13	1.84	2.04						
05189+4904	1	F	C	A	24790	9.435	0.010	9.448	0.022	9.439	0.031	79.726	497 59	+49.065	719 03	0.33	-1.40	-0.05	2.58	1.51	2.53	2.41	1.40	A	10.3	4.21		
				B	24790	11.729	0.079				79.726	817 82	+49.066	868 49	0.33	-1.40	-0.05	26.86	15.89	2.53	2.41	1.40						
05190+7235	1	F	N	C	24798	10.875	0.021	11.715	0.074	10.751	0.052	79.748	078 38	-72.589	908 23	8.83	7.96	-40.14	1.89	2.65	3.18	1.87	3.14	A	231.1	11.92		
				B	24798	13.049	0.149				79.739	469 81	+72.587	829 92	8.83	7.96	-40.14	33.66	48.27	3.18	1.87	3.14						
05190-2159	1	F	C	A	24800	8.767	0.022				79.754	465 30	-21.984	194 89	5.92	14.22	-15.74	2.55	3.23	1.41	1.23	1.26	A	330	0.28			
				S	24800	9.579	0.046				79.754	422 92	-21.984	127 60	5.92	14.22	-15.74	6.13	7.39	1.41	1.23	1.26						
05191+1430	1	F	C	A	24812	9.180	0.038				79.781	861 34	+14.492	884 42	5.25	-1.62	-6.24	5.48	1.39	1.38	1.54	0.94	A	94	0.33			
				B	24812	9.799	0.067				79.781	957 21	+14.492	878 66	5.25	-1.62	-6.24	8.73	3.22	1.38	1.54	0.94						
05192+2008	1	F	C	A	24820	6.280	0.003	7.426	0.009	6.214	0.005	79.811	303 53	+20.134	660 50	7.56	-34.12	-26.54	1.12	0.88	1.13	1.41	0.84	A	202.9	9.07		
				B	24820	10.078	0.103	10.530	0.063	9.664	0.047	79.810	259 56	+20.132	338 71	7.56	-34.12	-26.54	24.23	15.38	1.13	1.41	0.84					
05192-0305	1	F	C	B	24819	7.932	0.007	9.159	0.016	7.954	0.011	79.801	037 51	-3.074	140 77	59.29	702.14	136.27	1.60	1.02	1.68	1.79	1.05	A	354	3.07		
				B	24819	11.396	0.178				79.800	952 92	-3.073	292 23	59.29	702.14	136.27	46.14	22.09	1.68	1.79	1.05						
05193+3453	1	F	C	B	24821	7.116	0.008				79.814	023 32	+34.890	555 82	3.19	-0.16	-4.53	1.57	0.88	1.52	1.52	0.83	A	92	0.69			
				C	24821	11.062	0.295				79.814	257 79	+34.890	548 82	3.19	-0.16	-4.53	85.32	47.81	1.52	1.52	0.83						
05195+3809	1	F	C	A	24837	9.017	0.006				79.877	186 15	+38.142	356 56	-0.28	-0.68	-3.98	1.81	1.25	1.69	1.83	1.00	A	22	0.467			
				B	24837	10.166	0.017				79.877	247 40	+38.142	476 91	-0.28	-0.68	-3.98	5.52	3.54	1.69	1.83	1.00						
05196-0942	1	F	C	A	24844	8.623	0.143				79.893	194 73	-9.700	795 47	4.62	-2.79	-1.35	12.03	3.79	0.95	0.85	0.75	A	92	0.150			
				B	24844	9.938	0.191				79.893	236 88	-9.700	797 12	4.62	-2.79	-1.35	10.80	5.01	0.95	0.85	0.75						
05197+4113	1	F	N	D	24852	8.146	0.019	8.389	0.013	8.095	0.014	79.919	683 31	+41.220	211 38	0.34	-5.84	-0.55	1.82	1.00	1.93	1.60	0.89	A	273.4	18.96		
				B	24852	11.138	0.256				79.912	694 10	+41.220	523 40	0.34	-5.84	-0.55	84.53	46.37	1.93	1.60	0.89						
05197+6800	1	F	C	A	24858	7.600	0.004	7.850	0.006	7.503	0.006	79.928	987 43	+67.996	424 90	4.81	-4.26	-5.21	0.60	0.72	0.89	0.69	0.81	A	185	1.04		
				B	24858	10.883	0.073				79.928	915 67	+67.996	138 56	4.81	-4.26	-5.21	10.82	14.16	0.89	0.69	0.81						
05200+2425	1	F	C	B	24875	9.820	0.013	10.385	0.047	9.715	0.040	80.001	872 07	+24.423	994 34	2.87	1.24	-7.71	2.23	1.44	2.17	2.56	1.52	A	216	1.42		
				B	24875	12.477	0.141				80.001	617 45	+24.423	674 39	2.87	1.24	-7.71	37.43	25.34	2.17	2.56	1.52						
05202+4105	1	F	C	A	24902	5.577	0.004				80.061	182 20	+41.086	339 16	10.66	-18.10	-52.22	1.19	0.76	1.00	0.91	0.52	A	48	0.38			
				B	24902	8.546	0.055				80.061	285 81	+41.086	410 18	10.66	-18.10	-52.22	19.59	11.04	1.00	0.91	0.52						
05203+2510	1	F	C	A	24905	8.440	0.008	8.644	0.013	8.365	0.015	80.074	944 70	+25.171	104 87	5.51	-7.40	-17.28	1.55	0.98	1.51	1.86	1.01	A	80.10	12.11		
				B	24905	10.836	0.066	11.224	0.117	10.616	0.113	80.078	606 73	+25.171	683 02	5.51	-7.40	-17.28	17.67	8.43	1.51	1.86	1.01					
05204-0522	1	F	C	A	24925	6.480	0.004				80.110	038 44	-5.367	516 87	4.80	-4.11	-4.72	1.30	1.02	1.32	1.24	0.88	A	196	0.53			
				C	24925	9.106	0.049				80.109	998 76	-5.367	657 96	4.80	-4.11	-4.72	18.64	10.94	1.32	1.24	0.88						
05204-0618	1	F	N	C	24916	10.011	0.017	10.189	0.030	9.890	0.035	80.096	252 73	-6.299	586 73	4.44	5.73	-3.83	2.23	1.71	2.41	2.14	1.74	A	256	1.97		
				B	24916	13.583	0.444				80.095	718 14	-6.299	717 82	4.44	5.73	-3.83	118.22	91.11	2.41	2.14	1.74						
05204-0802	1	F	C	A	24919	8.234	0.007				80.100	648 41	-8.029	731 36	10.21	1.47	-65.06	3.40	2.80	2.68	3.16	2.72	A	332.5	0.621			
				B	24919	8.532	0.010				80.100	567 88	-8.029	578 35	10.21	1.47	-65.06	3.83	2.88	2.68	3.16	2.72						
05204-2114	1	F	C	A	24927	4.727	0.002	4.672	0.002	4.724	0.002	80.112	132 25	-21.239	739 32	7.11	10.78	-9.91	0.45	0.48	0.67	0.63	0.56	A	279.9	4.11		
				B	24927	8.448	0.048				80.110	926 35	-21.239	542 31	7.11	10.78	-9.91	9.71	12.71	0.67	0.63	0.56						
05204-3237	1	F	C	A	24912	8.761	0.005	9.244	0.014	8.613	0.013	80.089	183 56	-32.619	785 85	16.52	20.00	44.79	1.00	1.20	1.30	1.00	1.56	A	170.2	1.10		
				B	24912	10.712	0.031				80.089	245 59	-32.620	087 14	16.52	20.00	44.79	6.84	9.47	1.30	1.00	1.56						
05204-3324	1	I	N	C	24917	9.445	0.029	9.908	0.021	9.369	0.020	80.096	982 30	-33.398	750 67	7.54	-4.27	17.72	2.49	2.96	2.66	2.61	3.37	A	322.08	20.28	+0.09	+0.01
				B	24913	10.649	0.075	11.144	0.059	10.422	0.046	80.092	835 63	-33.394	306 75	-3.39	16.19	46.03	20.87	24.91	14.28	14.28	19.39					
05207+4658	1	I	N	C	24951	6.666	0.031	7.250	0.008	6.618	0.006	80.163	193 56	+46.963	805 31	5.30	-4.70	-8.95	1.60	1.18	1.47	1.78	1.11	A	181.8	23.26	-0.2	0.00
				B	24950	9.132	0.230	9.370	0.029	9.207	0.037	80.162	895 82	+46.957	346 07	-15.06	65.13	-7.15	75.40	44.88	41.88	44.81	23.39					
05207+6310	1																											

System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt						
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
05214+1549	1	F C B	A 25018 B 25018	10.454 0.105 12.261 0.554								80.348 894 45 +15.814 964 28 80.348 889 49 +15.815 017 85	4.94 4.94	1.77 1.77	6.47 6.47	5.94 8.87 2.04 2.53 1.35 31.40 55.62 2.04 2.53 1.35	A 355	0.19											
05214+3323	1	I C A	A 25015 B 25012	8.819 0.022 9.327 0.031	8.812 0.019 9.404 0.028	8.815 0.025 9.353 0.036						80.340 659 19 +33.385 457 09 80.338 001 88 +33.382 033 02	-3.39 -6.99	-1.08 -0.04	-3.95 -4.24	6.17 3.67 5.17 7.18 3.55 20.27 10.64 8.34 11.79 5.41	A 212.9	14.69	0.0	0.00									
05216+1020	1	F C A	A 25033 B 25033	9.617 0.013 11.128 0.050								80.412 126 60 +10.327 136 52 80.412 035 69 +10.327 190 00	9.37 9.37	7.63 7.63	-12.92 -12.92	4.22 2.73 2.87 3.24 1.66 19.54 14.48 2.87 3.24 1.66	A 301	0.38											
05217+1854	1	F C B	A 25035 C 25035	8.216 0.202 9.279 0.539								80.416 295 81 +18.906 810 68 80.416 328 05 +18.906 830 18	1.41 1.41	-2.71 -2.71	-14.32 -14.32	15.30 6.12 1.13 1.46 0.71 25.70 19.52 1.13 1.46 0.71	A 57	0.13											
05217-0203	1	F C A	A 25036 B 25036	9.125 0.006 9.555 0.009	9.356 0.021 9.789 0.029	9.069 0.023 9.445 0.032						80.416 267 24 -2.051 301 53 80.416 450 94 -2.050 340 49	4.98 4.98	-2.44 -2.44	9.81 9.81	2.40 1.49 2.64 2.37 1.37 3.88 3.16 2.64 2.37 1.37	A 10.8	3.522											
05217-6539	1	I C A	A 25039 B 25040	10.258 0.020 12.379 0.105	11.125 0.064 10.173 0.043							80.427 929 82 -65.641 437 23 80.430 799 81 -65.647 525 96	2.09 8.37	-21.32 -9.12	-23.93 -33.21	2.46 2.58 2.11 1.60 2.71 42.89 58.61 16.99 11.93 22.59	A 169.00	22.33	-0.03	+0.01									
05218+6454	1	F C A	A 25046 B 25046	9.991 0.010 10.883 0.021	10.339 0.023 10.741 0.058	9.765 0.022 10.484 0.054						80.447 491 64 +64.904 421 63 80.444 877 79 +64.905 529 09	3.78 3.78	-0.25 -0.25	5.19 5.19	1.96 1.90 2.78 2.11 1.98 5.70 6.62 2.78 2.11 1.98	A 315.0	5.64											
05218-2446	1	L C A	A 25045 B 25045	5.500 0.003 6.698 0.008	6.403 0.005 6.797 0.005	5.405 0.003 6.584 0.008						80.442 781 96 -24.772 949 96 80.443 834 77 -24.773 017 08	11.09 11.09	-20.55 -22.23	-12.99 -3.94	0.54 0.69 0.85 0.54 0.76 1.94 3.41 0.85 1.09 1.94	A 94.02	3.450	-0.15	-0.002									
05219+3934	1	F C A	B 25060 A 25060	8.064 0.010 8.289 0.012								80.480 732 11 +39.573 037 09 80.480 651 29 +39.573 115 91	4.92 4.92	-0.57 -0.57	-6.28 -6.28	3.01 1.85 2.07 2.35 1.03 3.20 2.19 2.07 2.35 1.03	B 322	0.362											
05220-2809	1	L C A	A 25063 B 25063	9.409 0.010 11.896 0.092	9.828 0.017 10.173 0.043	9.332 0.017 10.173 0.043						80.487 313 58 -28.144 077 99 80.489 382 25 -28.146 438 97	7.32 7.32	81.36 34.85	-97.40 18.19	1.44 1.77 1.91 1.39 1.98 22.59 27.24 1.91 13.47 27.14	A 142.3	10.74	-0.2	-0.12									
05222+0524	1	F C A	A 25082 B 25082	7.109 0.005 10.535 0.104	7.563 0.009 11.413 0.140	7.050 0.006 10.056 0.056						80.546 582 50 +5.395 428 09 80.548 290 02 +5.397 436 65	18.46 18.46	49.12 49.12	-50.64 -50.64	1.19 0.94 1.27 1.44 0.95 26.52 16.07 1.27 1.44 0.95	A 40.2	9.47											
05222+4505	1	F C A	A 25081 B 25081	7.726 0.006 9.359 0.025	7.567 0.015 7.630 0.015							80.545 952 55 +45.081 676 82 80.546 328 68 +45.081 349 06	1.04 1.04	-0.78 -0.78	-2.51 -2.51	1.42 0.82 1.37 1.59 0.77 7.27 5.31 1.37 1.59 0.77	A 141.0	1.52											
05222-8102	1	F C A	A 25079 B 25079	7.819 0.004 8.269 0.005								80.539 237 96 -81.038 973 03 80.540 205 93 -81.039 057 55	3.89 3.89	-18.31 -18.31	15.50 15.50	1.07 0.96 0.89 1.14 1.12 1.80 1.81 0.89 1.14 1.12	A 119.3	0.622											
05223+3348	1	I C A	A 25090 B 25093	8.736 0.028 10.047 0.063	8.718 0.018 9.741 0.032	8.658 0.022 9.663 0.045						80.575 387 00 +33.798 408 29 80.580 792 80 +33.800 120 41	-4.01 -5.21	1.65 -2.46	-4.09 -5.24	4.98 2.25 4.21 4.31 2.14 23.17 13.49 12.57 15.00 7.27	A 69.13	17.31	0.00	0.00									
05223-3518	1	F C A	A 25091 B 25091	8.591 0.005 11.359 0.058								80.577 171 84 -35.297 403 37 80.576 962 96 -35.297 352 62	8.29 8.29	-15.94 -15.94	-13.13 -13.13	0.92 1.22 1.16 0.86 1.33 10.42 19.94 1.16 0.86 1.33	A 287	0.64											
05225+5633	1	F N D	A 25102 B 25102	9.706 0.015 12.960 0.291	9.899 0.025 10.650 0.029							80.617 180 18 +56.558 261 19 80.618 858 39 +56.559 727 82	-0.41 -0.41	-0.66 -0.66	1.73 1.73	2.06 1.86 2.35 2.52 2.28 74.44 65.84 2.35 2.52 2.28	A 32	6.24											
05226+0236	1	L C A	A 25119 B 25119	7.983 0.005 10.774 0.060								80.656 076 65 +2.603 529 40 80.656 042 20 +2.603 254 44	50.24 50.24	54.20 96.39	-139.41 -175.77	1.53 1.10 1.52 1.44 0.94 21.80 16.75 1.52 16.68 13.80	A 187	1.00	-3	+0.03									
05227+0008	1	F C A	A 25128 B 25128	8.519 0.004 10.450 0.024								80.679 642 94 +0.139 241 91 80.679 758 43 +0.139 334 26	2.55 2.55	1.77 1.77	0.93 0.93	1.75 1.16 1.75 1.61 0.99 12.38 8.04 1.75 1.61 0.99	A 51	0.53											
05228+6613	1	F C A	A 25138 B 25138	8.373 0.005 10.985 0.053	8.527 0.008 8.309 0.009							80.695 656 34 +66.209 894 84 80.697 489 29 +66.210 025 23	4.25 4.25	-3.28 -3.28	29.03 29.03	0.79 0.83 1.16 0.81 0.93 8.86 8.60 1.16 0.81 0.93	A 80.0	2.70											
05229+1422	1	F C A	A 25151 B 25151	7.859 0.004 10.996 0.076	9.183 0.019 7.808 0.011							80.736 942 78 +14.361 147 01 80.736 328 38 +14.361 863 48	2.89 2.89	-2.19 -2.19	-17.28 -17.28	1.26 0.84 1.22 1.35 0.89 27.10 14.43 1.22 1.35 0.89	A 320.3	3.35											
05231+0103	1	F C A	A 25174 B 25174	7.730 0.005 7.960 0.006	7.707 0.007 7.873 0.008	7.680 0.009 7.903 0.010						80.773 073 91 +1.056 926 56 80.773 181 41 +1.058 244 97	4.35 4.35	2.81 2.81	-7.11 -7.11	2.22 1.31 2.12 2.55 1.25 3.67 2.93 2.12 2.55 1.25	A 4.7	4.762											
05231+3110	1	I C B	A 25175 B 25169	9.079 0.009 9.838 0.014	9.121 0.018 9.903 0.033	9.055 0.023 9.760 0.042						80.773 799 78 +31.158 539 94 80.766 701 34 +31.162 130 05	0.48 0.12	6.16 11.18	-3.08 -2.45	2.60 1.77 2.23 2.68 1.78 6.61 3.92 4.23 5.08 2.78	A 300.59	25.40	+0.01	0.00									
05231-0806	1	F C A	A 25171 B 25171	7.791 0.005 9.373 0.019								80.767 616 22 -8.105 546 99 80.767 777 18 -8.105 495 16	2.52 2.52	-2.02 -2.02	6.12 6.12	1.23 0.93 1.32 1.22 0.93 5.36 4.49 1.32 1.22 0.93	A 72.0	0.603											
05233-0825	1	F C A	A 25187 B 25187	6.128 0.005 8.256 0.033	6.015 0.005 8.469 0.019	6.133 0.007 8.089 0.019						80.827 130 53 -8.415 588 11 80.828 246 40 -8.416 880 03	6.61 6.61	-1.73 -1.73	-2.91 -2.91	0.89 0.69 0.95 0.88 0.70 9.44 5.22 0.95 0.88 0.70	A 139.5	6.12											
05234-3640	1	L C A	A 25190 B 25190	9.046 0.005 9.639 0.008								80.837 696 06 -36.670 979 94 80.837 466 06 -36.671 052 98	18.83 18.83	-2.30 -2.28	194.80 174.86	2.09 2.12 2.17 1.77 2.38 3.77 4.14 2.17 2.93 4.91	A 248.4	0.714	-1.5	+0.007									
05235+1602	1	I C B	A 25207 B 25201	7.284 0.012 8.282 0.023	7.286 0.008 8.278 0.014	7.261 0.010 8.223 0.017						80.882 246 71 +16.040 507 74 80.874 995 82 +16.042 482 07	3.17 1.28	1.42 3.67	-5.70 -3.39	1.61 1.13 1.32 1.95 1.12 8.93 5.68 4.86 7.21 3.98	A 285.82	26.07	+0.01	0.00									
05236+5039	1	F C A	A 25215 B 25215	9.317 0.025 10.880 0.104								80.906 967 09 +50.653 013 67 80.907 002 00 +50.653 111 39	1.65 1.65	12.71 12.71	-3.07 -3.07	3.63 4.47 3.16 3.47 2.28 14.84 13.42 3.16 3.47 2.28	A 13	0.36											

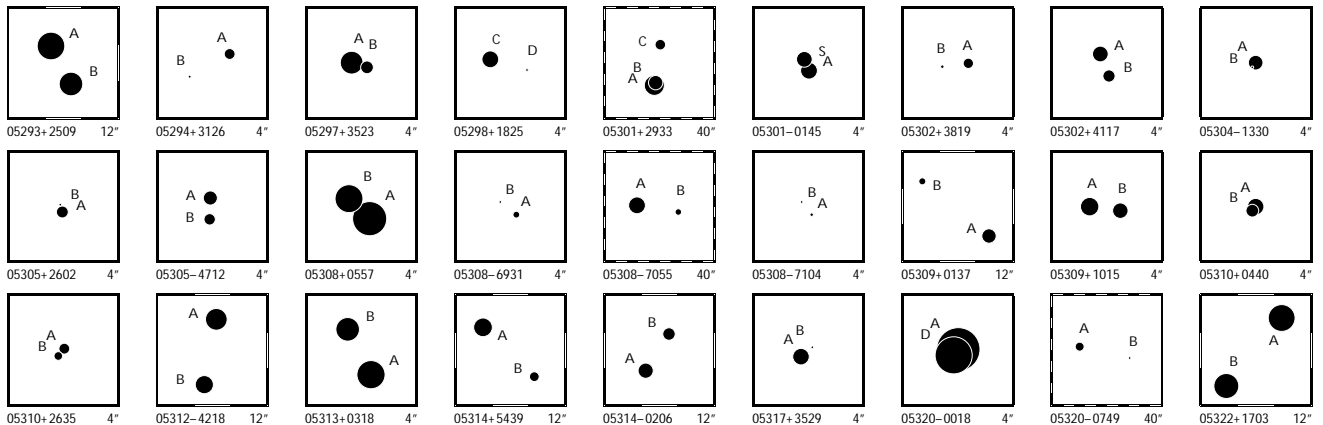


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05236+1025	1	F CA	A 25210 B 25210	8.157 0.007 8.468 0.009							80.894 960 02 80.895 248 26	-10.418 559 05 -10.418 726 28	3.80 3.80	-1.46 -1.46	7.36 7.36	1.52 1.35 1.59 1.36 1.32 3.50 3.03 1.59 1.36 1.32						A 120.5 1.18			
05236+2218	1	I CA	A 25218 B 25212	7.515 0.010 9.752 0.068			7.647 0.007 10.813 0.048	7.450 0.008 10.215 0.043			80.908 978 36 80.903 915 39	-22.308 024 10 -22.306 844 47	6.53 7.52	-2.20 -12.56	-32.53 -32.58	1.11 1.25 1.36 1.41 1.44 17.24 20.12 9.63 18.57 16.62						A 284.1 17.39	0.0	+0.01	
05238+6235	1	F CA	A 25231 B 25231	7.913 0.004 9.869 0.023			8.222 0.011 7.770 0.009				80.941 669 92 80.941 476 65	-62.581 781 37 -62.581 485 21	15.88 15.88	-4.85 -4.85	-46.96 -46.96	0.91 0.87 0.82 0.86 0.90 5.51 6.70 0.82 0.86 0.90						A 343.3 1.11			
05239+0052	1	L NB G	A 25240 B 25240 C 25240	6.925 0.008 7.673 0.036 7.838 0.040			7.379 0.007 6.855 0.008				80.963 888 15 80.964 140 17 80.964 192 72	-0.866 624 18 -0.867 357 22 -0.867 416 13	17.23 17.23 17.23	-5.64 -0.45	0.95 2.04 -15.93	1.39 1.03 1.13 1.50 0.97 7.16 5.27 1.13 3.53 1.97 6.20 5.86 1.13 3.42 2.09						A 161.0 2.791	-0.1	+0.001	
05240+2458	1	F CA	B 25253 A 25253	8.586 0.015 8.734 0.017			8.449 0.011 8.192 0.012				81.004 860 31 81.004 771 61	+24.960 503 86 +24.960 127 28	6.65 6.65	10.39 10.39	-27.00 -27.00	2.85 1.51 2.45 2.27 1.24 5.68 3.62 2.45 2.27 1.24						A 192.1 1.39			
05240+3238	1	F CA	A 25252 B 25252	8.744 0.052 9.682 0.124							81.003 232 40 81.003 177 43	+32.625 578 84 +32.625 535 01	-0.11 -0.11	-1.53 -1.53	-3.50 -3.50	7.88 5.90 1.57 1.74 1.07 19.14 12.77 1.57 1.74 1.07						A 227 0.23			
05242+2208	1	I CA	A 25264 B 25266	10.148 0.012 10.759 0.020			10.825 0.070 11.200 0.087	10.019 0.053 10.358 0.063			81.051 375 01 81.053 288 57	+22.140 323 40 +22.137 947 24	-0.93 1.66	8.22 26.28	-18.52 -14.45	8.12 4.72 6.74 8.08 4.26 15.86 9.03 11.12 13.58 7.10						A 143.3 10.67	-0.1	+0.01	
05243+1423	1	F ND D	A 25275 B 25275	9.126 0.012 12.739 0.321			9.803 0.030 9.021 0.024				81.084 381 69 81.084 430 38	+14.387 952 17 +14.388 240 08	-1.18 -1.18	1.85 1.85	-19.24 -19.24	2.42 1.80 2.53 2.60 1.60 81.45 388 29.5 2.53 2.60 1.60						A 9 1.05			
05245+0223	1	L CA	A 25281 B 25281	3.575 0.008 4.891 0.017			3.165 0.011 3.359 0.009				81.119 237 74 81.119 699 06	-2.397 138 44 -2.397 041 69	3.62 3.62	-0.54 8.40	-3.21 -1.70	0.94 0.69 0.88 0.97 0.73 4.65 3.04 0.88 2.52 1.62						A 78.1 1.695	0.0	+0.009	
05247+6323	1	F CA	A 25300 B 25300	7.933 0.008 8.593 0.014							81.185 074 21 81.185 474 93	+63.386 603 93 +63.386 389 17	21.83 21.83	-125.65 -125.65	-57.50 -57.50	1.36 1.41 1.73 1.19 1.27 4.12 3.28 1.73 1.19 1.27						A 140.1 1.008			
05247+0230	1	F CA	A 25293 B 25293	6.973 0.004 10.105 0.061							81.168 256 37 81.168 056 33	-2.497 844 38 -2.497 948 71	2.13 2.13	-4.98 -4.98	-1.29 -1.29	0.90 0.63 1.00 0.95 0.68 16.06 10.10 1.00 0.95 0.68						A 242 0.81			
05247+5219	1	F CA	A 25303 S 25303	6.764 0.160 7.400 0.287							81.192 869 36 81.192 907 21	-52.316 186 68 -52.316 163 18	6.11 6.11	-5.18 -5.18	-27.66 -27.66	6.53 6.85 0.53 0.47 0.57 12.61 12.89 0.53 0.47 0.57						A 45 0.12			
05248+6444	1	F CA	A 25305 B 25305	8.207 0.007 8.973 0.015			8.720 0.012 7.857 0.009				81.196 867 43 81.195 994 66	+64.731 262 87 +64.731 261 79	2.70 2.70	4.97 4.97	13.86 13.86	1.21 1.26 1.77 1.14 1.35 4.52 3.27 1.77 1.14 1.35						A 269.8 1.34			
05248+0914	1	F CA	A 25310 B 25310	9.761 0.012 10.837 0.031							81.203 836 22 81.203 939 21	-9.229 885 24 -9.229 952 33	4.12 4.12	1.52 1.52	-2.01 -2.01	2.84 2.18 2.41 2.34 1.81 8.40 7.62 2.41 2.34 1.81						A 123 0.44			
05249+5059	1	F CA	A 25316 B 25316	8.445 0.009 11.705 0.170							81.229 927 32 81.229 655 91	+50.981 649 67 +50.981 599 47	4.95 4.95	37.22 37.22	-1.48 -1.48	1.94 1.35 2.01 1.88 1.28 43.70 30.38 2.01 1.88 1.28						A 254 0.64			
05249+5810	1	F CA	A 25313 B 25313	9.314 0.229 9.491 0.269							81.212 658 53 81.212 634 60	-58.168 974 77 -58.168 939 93	3.35 3.35	-1.66 -1.66	-17.50 -17.50	10.16 13.17 0.79 0.96 0.92 10.82 16.45 0.79 0.96 0.92						A 340 0.13			
05252+0155	1	F CA	A 25340 B 25340	7.750 0.005 8.870 0.014			7.663 0.007 8.816 0.019	7.733 0.007 8.834 0.020			81.297 494 97 81.297 020 09	+1.923 342 94 +1.923 934 16	1.84 1.84	0.61 0.61	-3.42 -3.42	1.42 0.87 1.63 1.56 0.81 4.99 3.19 1.63 1.56 0.81						A 321.2 2.729			
05252+0956	1	F CA	A 25338 B 25338	9.581 0.008 10.182 0.013			9.594 0.024 10.351 0.043	9.504 0.030 10.120 0.053			81.293 804 44 81.292 394 12	-9.940 914 84 -9.941 323 34	3.05 3.05	-1.40 -1.40	-1.78 -1.78	2.28 2.03 2.84 2.52 2.18 6.21 5.74 2.84 2.52 2.18						A 253.6 5.21			
05252+1119	1	F CA	A 25342 B 25342	8.636 0.008 8.842 0.010			8.691 0.013 8.975 0.019	8.556 0.015 8.803 0.022			81.304 459 16 81.303 635 64	-11.312 385 00 -11.315 268 77	2.36 2.36	6.27 6.27	1.99 1.99	2.15 1.48 2.84 2.37 1.58 3.94 3.34 2.36 2.37 1.58						A 195.64 10.781			
05253+6511	1	F ND D	A 25354 B 25354	10.503 0.014 13.109 0.145			11.937 0.102 10.499 0.041				81.335 285 73 81.334 600 90	+65.181 766 28 +65.181 585 11	25.96 25.96	-108.91 -108.91	20.74 20.74	1.73 1.87 2.17 1.71 1.91 39.12 42.12 2.17 1.71 1.91						A 238 1.22			
05255+0033	1	L CA	A 25365 B 25365	6.927 0.013 7.883 0.031							81.379 501 49 81.379 517 88	-0.543 918 62 -0.543 984 04	4.42 4.42	-0.71 -4.08	-1.41 -6.45	1.56 1.73 0.80 1.08 0.70 3.79 3.28 0.80 2.06 1.30						A 166 0.243	+1	+0.004	
05256+3803	1	F CA	A 25370 B 25370	7.994 0.007 8.508 0.011			7.971 0.010 8.695 0.013	7.899 0.010 8.593 0.016			81.410 407 20 81.409 592 71	+38.044 760 12 +38.047 161 39	-1.54 -1.54	-14.13 -14.13	-12.11 -12.11	2.46 1.21 2.83 2.93 1.14 5.02 3.00 2.83 2.93 1.14						A 345.04 8.948			
05259+3521	1	F CA	A 25387 B 25387	7.928 0.007 8.428 0.010			8.851 0.015 8.743 0.014	7.817 0.011 8.346 0.015			81.471 170 17 81.469 486 36	-35.352 731 60 -35.354 268 04	4.29 4.29	4.12 4.12	-30.44 -30.44	1.23 1.33 1.41 1.20 1.47 3.06 3.57 1.41 1.20 1.47						A 221.79 7.419			
05260+1942	1	I NC	A 25397 B 25396	5.934 0.010 7.641 0.034			6.324 0.004 8.090 0.009	5.868 0.003 7.509 0.010			81.499 262 59 81.493 932 07	-19.695 352 96 -19.689 869 92	23.24 34.90	3.43 7.42	-19.06 -26.32	1.14 1.23 1.39 1.26 1.45 9.50 10.74 6.98 6.49 7.31						A 317.53 26.76	0.00	-0.01	
05261+2250	1	I NC P	A 25409 B 25413	10.206 0.035 10.391 0.038			10.576 0.055 10.779 0.064	10.000 0.051 10.182 0.057			81.522 469 81 81.528 086 26	+22.826 062 25 +22.821 825 09	0.91 2.19	-15.38 -17.95	-27.80 -24.61	7.53 4.96 6.51 8.85 4.64 19.61 11.46 9.97 13.86 6.81						A 129.30 24.08	0.00	0.00	
05261+4611	1	F ND D	A 25403 B 25403	10.132 0.011 13.608 0.273			11.719 0.111 10.017 0.038				81.512 328 44 81.512 862 07	+46.181 439 65 +46.180 054 32	2.34 2.34	13.83 13.83	-6.76 -6.76	2.43 1.54 2.27 3.07 1.37 104.43 54.28 2.27 3.07 1.37						A 165 5.16			
05264+2043	1	F CA	A 25437 B 25437	7.741 0.005 10.651 0.062			7.943 0.009 7.683 0.009				81.600 415 70 81.599 534 03	-20.715 293 22 -20.715 963 19	8.85 8.85	-2.95 -2.95	19.07 19.07	0.99 1.01 1.45 1.48 1.15 15.40 14.59 1.45 1.48 1.15						A 230.9 3.83			

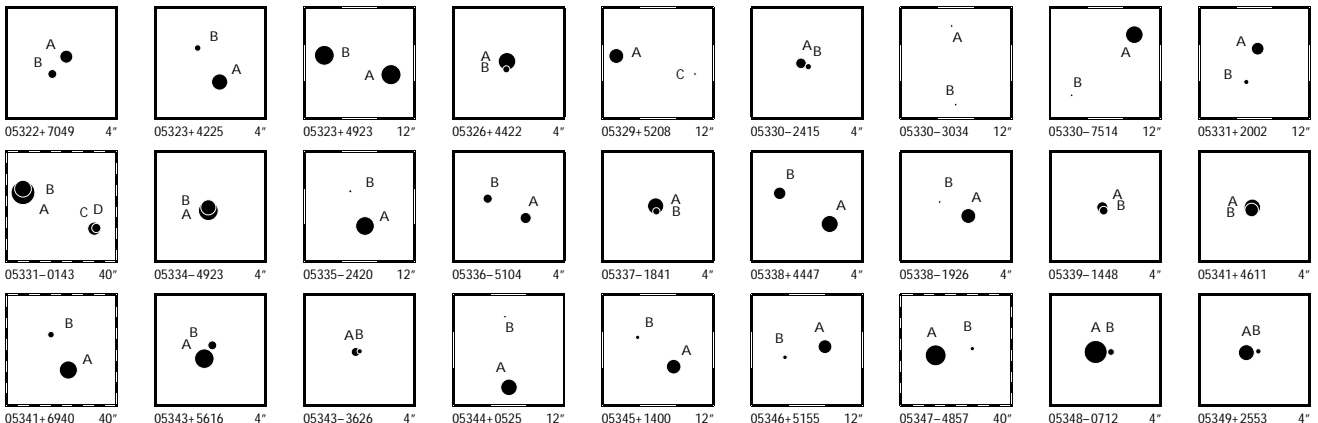


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05264-4323	1	I	A	25436	8.336	0.009	8.675	0.012	8.235	0.012	81.600 000 97	-43.375 785 34	12.22	21.49	13.26	2.33	2.45	1.97	2.35	2.75	A	252.74	11.96	-0.07	0.00
			B	25434	9.069	0.016	9.561	0.027	9.007	0.025	81.595 635 19	-43.376 771 41	14.72	30.48	-0.03	6.03	6.63	4.41	4.78	5.98					
05265+0256	1	F	A	25443	6.677	0.005	6.587	0.007	6.618	0.009	81.630 077 17	+2.935 921 03	6.41	-1.89	-5.85	1.34	0.81	1.52	1.59	0.75	A	65.0	3.17		
			B	25443	8.633	0.031	8.890	0.146	8.407	0.153	81.630 077 17	+2.936 292 15	6.41	-1.89	-5.85	9.64	6.34	1.52	1.59	0.75					
05267+3857	1	F	A	25464	8.491	0.015					81.686 469 38	+38.957 253 06	2.15	7.83	-17.76	3.18	1.55	2.16	2.21	1.01	A	259	0.38		
			B	25464	10.702	0.112					81.686 335 41	+38.957 233 38	2.15	7.83	-17.76	24.91	13.37	2.16	2.21	1.01					
05268+0305	1	F	A	25473	4.536	0.003	4.336	0.002	4.574	0.002	81.709 284 05	+3.095 677 18	2.30	0.34	-1.11	0.74	0.45	0.85	0.87	0.42	A	326.8	2.94		
			B	25473	8.619	0.091					81.708 835 33	+3.096 360 88	2.30	0.34	-1.11	28.67	16.42	0.85	0.87	0.42					
05268-6436	1	F	A	25466	9.168	0.063					81.687 383 29	-64.604 883 83	5.46	21.61	-49.50	5.57	3.34	0.69	0.74	0.78	A	290	0.190		
			S	25466	9.353	0.075					81.687 267 69	-64.604 865 98	5.46	21.61	-49.50	6.86	4.46	0.69	0.74	0.78					
05270+2737	1	F	A	25484	8.683	0.007					81.755 485 88	+27.610 263 62	5.20	30.63	-14.40	2.73	1.31	2.88	2.96	1.13	B	83.1	0.755		
			B	25484	8.780	0.007					81.755 720 74	+27.610 288 63	5.20	30.63	-14.40	3.99	2.07	2.88	2.96	1.13					
05270+3446	1	F	A	25485	8.453	0.006					81.761 668 86	+34.769 130 13	1.84	-5.21	-5.03	2.46	1.23	2.30	2.80	1.12	A	305	0.63		
			B	25485	11.760	0.122					81.761 494 42	+34.769 229 52	1.84	-5.21	-5.03	71.62	32.80	2.30	2.80	1.12					
05270-6837	1	L	A	25482	6.712	0.005	6.493	0.019	6.123	0.020	81.749 252 31	-68.622 495 71	13.16	-10.85	-19.76	1.17	0.97	0.85	1.09	1.00	A	163.9	1.325	-0.2	+0.002
			B	25482	7.049	0.007					81.749 531 84	-68.622 849 41	13.16	-4.97	-20.51	2.37	3.10	0.85	1.58	1.87					
05272+3146	1	F	A	25494	9.842	0.131					81.788 811 07	+31.765 899 76	2.22	6.82	-11.47	5.14	9.20	1.57	1.64	0.76	A	17	0.14		
			B	25494	11.867	0.845					81.788 824 88	+31.765 937 97	2.22	6.82	-11.47	47.25	51.60	1.57	1.64	0.76					
05272+7331	1	F	A	25495	8.471	0.066					81.788 933 87	+73.511 605 68	3.04	-7.26	-1.95	2.59	5.63	0.76	0.46	0.75	A	22	0.18		
			B	25495	9.514	0.173					81.789 000 11	+73.511 651 86	3.04	-7.26	-1.95	7.20	12.98	0.76	0.46	0.75					
05272-3437	1	F	A	25504	7.220	0.003					81.810 984 60	-34.614 352 06	5.51	-25.50	-4.68	0.72	0.86	0.71	0.66	0.74	A	187	0.43		
			B	25504	9.549	0.028					81.810 966 03	-34.614 469 63	5.51	-25.50	-4.68	6.73	6.38	0.71	0.66	0.74					
05275-7723	1	F	A	25526	10.149	0.232					81.876 272 01	-77.381 942 04	5.52	-4.97	-17.47	8.87	15.57	0.82	0.88	0.86	A	21	0.14		
			B	25526	10.387	0.288					81.876 335 66	-77.381 905 42	5.52	-4.97	-17.47	13.27	17.19	0.82	0.88	0.86					
05276+0106	1	F	A	25533	7.734	0.004					81.903 654 39	+1.107 585 06	3.00	1.34	2.43	1.19	0.84	1.37	1.33	0.73	A	5	0.52		
			B	25533	10.953	0.067					81.903 665 97	+1.107 729 78	3.00	1.34	2.43	22.20	13.67	1.37	1.33	0.73					
05277+7433	1	F	A	25543	7.370	0.003	7.455	0.005	7.302	0.006	81.914 360 21	+74.556 661 08	8.09	-2.58	25.09	0.52	0.67	0.77	0.52	0.77	A	356.1	1.49		
			B	25543	10.231	0.040					81.914 254 83	+74.557 072 97	8.09	-2.58	25.09	6.84	11.69	0.77	0.52	0.77					
05278+2608	1	F	A	25556	9.255	0.011	12.027	0.136	9.445	0.025	81.940 580 30	+26.138 476 33	1.51	-3.22	-0.86	2.48	1.46	2.08	2.47	1.36	A	314	1.13		
			B	25556	12.132	0.148					81.940 329 40	+26.138 696 50	1.51	-3.22	-0.86	52.82	21.98	2.08	2.47	1.36					
05278-3225	1	F	A	25562	7.055	0.009					81.960 632 41	-32.417 588 04	4.72	-2.72	-26.29	1.86	1.03	0.75	0.65	0.74	A	268	0.32		
			C	25562	9.882	0.122					81.960 528 71	-32.417 590 87	4.72	-2.72	-26.29	12.08	14.80	0.75	0.65	0.74					
05279+2318	1	F	A	25572	8.333	0.007	8.512	0.011	8.275	0.012	81.980 872 33	+23.293 173 72	7.65	-2.00	-47.03	1.91	1.35	1.91	2.34	1.28	A	112	4.60		
			B	25572	12.244	0.245					81.982 163 31	+23.292 698 79	7.65	-2.00	-47.03	75.50	50.73	1.91	2.34	1.28					
05279+3447	1	F	A	25565	8.632	0.225					81.968 337 34	+34.782 854 51	4.52	1.25	-0.29	8.99	12.52	1.35	1.45	0.68	A	214	0.13		
			B	25565	9.994	0.784					81.968 313 09	+34.782 824 52	4.52	1.25	-0.29	50.42	42.76	1.35	1.45	0.68					
05280-3854	1	F	A	25576	7.764	0.005	8.636	0.010	7.674	0.008	81.996 037 84	-38.906 748 14	4.95	-4.95	14.54	0.99	0.93	1.00	1.01	1.03	A	277	1.27		
			B	25576	10.959	0.092					81.995 588 74	-38.906 704 42	4.95	-4.95	14.54	31.17	17.87	1.00	1.01	1.03					
05282-0157	1	I	A	25600	8.507	0.009	8.390	0.017	8.460	0.022	82.052 641 85	-1.941 253 78	2.25	-0.73	0.60	2.56	1.59	2.35	2.41	1.60	A	148.71	24.18	-0.03	0.00
			B	25603	9.495	0.018	9.520	0.025	9.375	0.031	82.056 132 12	-1.946 993 20	-17.44	7.34	10.86	8.92	5.76	6.44	6.60	4.54					
05285-2921	1	F	A	25632	9.205	0.013					82.127 173 51	-29.349 294 13	5.97	-24.72	39.51	1.73	2.47	1.74	1.38	1.86	A	148	0.38		
			B	25632	11.080	0.071					82.127 239 01	-29.349 384 43	5.97	-24.72	39.51	9.47	12.56	1.74	1.38	1.86					
05286-4548	1	F	A	25641	9.799	0.163					82.156 850 88	-45.801 416 50	6.53	30.05	47.82	7.76	13.31	0.89	1.14	1.12	A	16	0.15		
			B	25641	10.306	0.260					82.156 866 98	-45.801 377 01	6.53	30.05	47.82	11.33	14.04	0.89	1.14	1.12					
05287-0823	1	I	A	25644	6.901	0.015	7.781	0.008	6.843	0.006	82.177 069 01	-8.376 678 85	4.34	-13.39	2.94	1.53	1.29	1.54	1.47	1.29	A	300.7	25.96	+0.1	-0.03
			B	25644	10.206	0.225	10.646	0.052	10.237	0.060	82.170 801 11	-8.372 999 36	-20.32	27.22	5.60	61.16	48.04	37.89	32.65	28.20					
05288-4001	1	F	A	25658	8.971	0.017					82.210 215 05	-40.008 460 49	7.80	-14.89	-5.06	1.57	2.60	0.88	0.79	0.98	A	2	0.313		
			B	25658																					

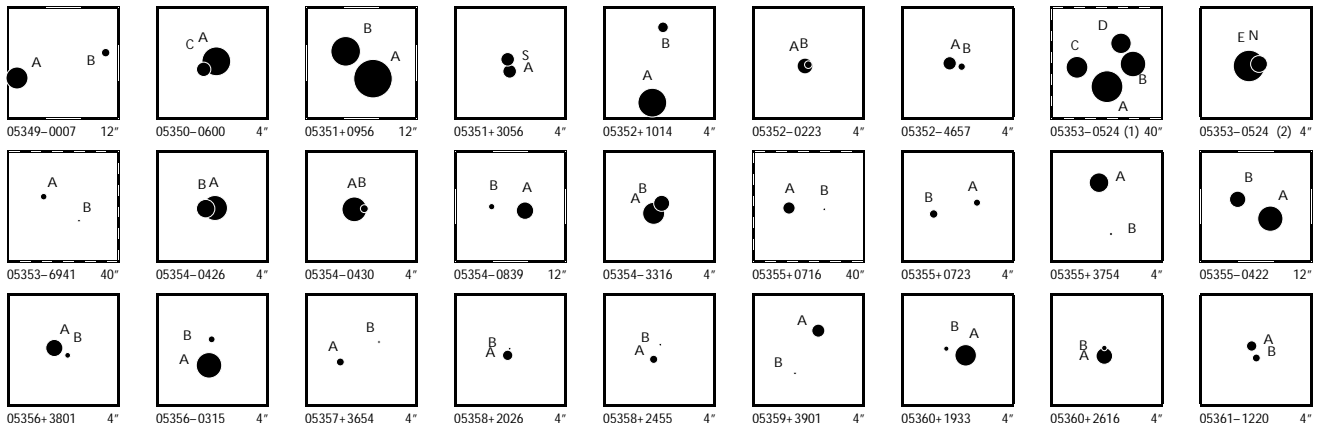
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05293+2509	1	L CA	A 25695 B 25695	5.852 0.004 6.781 0.009	5.755 0.005 6.779 0.007	5.836 0.005 6.683 0.007		82.318 719 86 82.318 040 18	+25.150 305 96 +25.149 135 48	7.52 7.52	11.44 6.47	-37.36 -25.35	1.30 3.97	0.92 2.16	1.09 1.09	1.45 3.11	0.75 1.21	A 207.73	4.760	+0.12	-0.008							
05294+3126	1	F CA	A 25711 B 25711	9.621 0.009 11.332 0.042	10.309 0.039	9.518 0.030		82.352 676 00 82.353 157 79	+31.426 337 60 +31.426 100 88	10.37 10.37	-2.13 -2.13	-46.14 -46.14	2.22 12.77	1.20 7.26	2.12 2.12	2.75 2.75	1.15 1.15	A 119.9	1.71									
05297+3523	1	F CA D	A 25733 B 25733	6.969 0.059 9.154 0.093				82.427 710 60 82.427 512 68	+35.375 028 40 +35.374 979 50	1.78 1.78	0.72 0.72	-1.57 -1.57	1.75 16.97	1.14 10.23	1.51 1.51	1.84 1.84	1.20 1.20	A 253	0.61									
05298+1825	1	F CC	C 25747 D 25747	8.288 0.008 11.978 0.229	8.680 0.014	8.202 0.014		82.463 337 38 82.462 946 59	+18.430 777 90 +18.430 664 37	3.52 3.52	11.51 11.51	-13.78 -13.78	2.03 64.47	1.15 38.90	1.99 1.99	2.18 2.18	1.07 1.07	C 253	1.40									
05301+2933	1	F CA G	A 25764 B 25764 C 25763	7.555 0.024 8.826 0.073 9.641 0.124	8.463 0.028	7.352 0.015		82.525 590 13 82.525 416 06 82.524 900 33	+29.548 688 48 +29.548 995 51 +29.552 863 32	3.37 3.37 3.37	13.35 13.35 13.35	-26.84 -26.84 -26.84	6.31 24.52 30.83	3.51 23.56 18.30	5.28 5.28 5.28	5.92 5.92 5.92	2.88 2.88 2.88	A 334	1.23									
05301-0145	1	F CA	A 25762 S 25762	8.294 0.008 8.526 0.010				82.518 248 84 82.518 291 79	-1.749 610 25 -1.749 499 84	1.82 1.82	1.66 1.66	-0.55 -0.55	2.02 3.19	1.69 2.77	1.94 1.94	1.93 1.93	1.39 1.39	A 21	0.426									
05302+3819	1	F CA	A 25771 B 25771	9.698 0.006 11.236 0.024				82.548 416 98 82.548 756 76	+38.311 302 10 +38.311 273 91	2.41 2.41	-9.11 -9.11	-15.49 -15.49	2.68 9.93	1.67 7.24	2.95 2.95	2.37 2.37	1.65 1.65	A 96.0	0.97									
05302+4117	1	F CA	A 25773 B 25773	8.523 0.006 9.271 0.011				82.554 657 69 82.554 530 19	+41.282 521 27 +41.282 295 98	2.15 2.15	-3.14 -3.14	-2.61 -2.61	1.69 4.65	1.28 3.09	1.60 1.60	2.07 2.07	1.44 1.44	A 203.0	0.881									
05304-1330	1	F ND D	A 25788 B 25788	8.773 0.031 12.041 0.620				82.601 420 15 82.601 460 58	-13.498 894 11 -13.498 949 97	3.04 3.04	0.19 0.19	-0.27 -0.27	2.04 70.22	2.28 85.70	1.64 1.64	1.37 1.37	1.27 1.27	A 145	0.25									
05305+2602	1	F CC	A 25792 B 25792	9.341 0.021 12.720 0.473				82.613 084 11 82.613 118 44	+26.032 037 44 +26.032 113 30	6.77 6.77	6.34 6.34	-21.18 -21.18	3.83 51.01	4.19 59.59	2.65 2.65	2.74 2.74	1.43 1.43	A 22	0.29									
05305-4712	1	F CA	A 25797 B 25797	8.862 0.005 9.473 0.009				82.630 564 12 82.630 573 13	-47.200 610 56 -47.200 831 94	7.72 7.72	-21.06 -21.06	22.76 22.76	1.19 3.25	1.54 3.31	1.28 1.28	1.21 1.21	1.60 1.60	A 178.4	0.797									
05308+0557	1	L CA	A 25813 B 25813	4.428 0.003 5.804 0.010				82.696 033 01 82.696 254 14	+5.948 217 92 +5.948 421 00	11.30 11.30	6.57 12.92	-32.45 -28.07	1.08 7.81	0.58 3.13	1.01 1.01	1.13 1.13	0.52 1.53	A 47.3	1.078	+0.1	+0.008							
05308-6931	1	F CA	A 25822 B 25822	10.519 0.011 12.903 0.093				82.708 660 58 82.709 114 22	-69.524 835 00 -69.524 710 60	-1.02 -1.02	1.60 1.60	1.80 1.80	2.07 27.43	1.94 24.51	2.03 2.03	2.24 2.24	2.23 2.23	A 52	0.73									
05308-7055	1	I CA	A 25811 B 25805	8.302 0.009 10.554 0.056	8.785 0.013 11.158 0.087	8.244 0.012 10.330 0.068		82.691 155 69 82.678 254 14	-70.919 031 10 -70.919 753 69	13.33 16.97	-26.46 -21.21	27.34 25.72	1.58 18.86	1.44 17.50	1.22 7.18	1.47 9.27	1.48 8.62	A 260.24	15.36	-0.01	0.00							
05308-7104	1	F CB	A 25815 B 25815	11.232 0.020 13.660 0.180				82.699 041 40 82.699 367 14	-71.067 315 41 -71.067 187 64	-0.19 -0.19	4.60 4.60	4.29 4.29	3.84 58.86	4.19 78.66	3.44 3.44	3.35 3.35	3.94 3.94	A 40	0.60									
05309+0137	1	F CA	A 25828 B 25828	8.803 0.011 10.424 0.048	8.810 0.013 10.732 0.069	8.782 0.016 10.369 0.077		82.718 971 29 82.721 042 77	+1.611 361 68 +1.613 071 00	2.39 2.39	4.35 4.35	1.91 1.91	2.84 13.23	1.55 8.28	2.51 2.51	3.56 3.56	1.43 1.43	A 50.5	9.67									
05309+1015	1	F CA	A 25826 B 25826	7.915 0.004 8.564 0.007				82.715 693 97 82.715 369 03	+10.254 386 11 +10.254 344 49	1.02 1.02	3.25 3.25	-1.39 -1.39	3.88 3.88	1.99 1.99	2.04 2.04	2.61 2.61	0.98 0.98	A 262.6	1.161									
05310+0440	1	F CA	A 25837 B 25837	8.329 0.076 9.206 0.171				82.740 602 34 82.740 640 95	+4.668 739 32 +4.668 704 31	-0.30 -0.30	-2.79 -2.79	0.12 0.12	6.37 12.17	5.27 9.52	1.23 1.23	1.05 1.05	0.45 0.45	A 132	0.19									
05310+2635	1	F CA	A 25845 B 25845	9.582 0.022 10.087 0.035				82.762 362 96 82.762 423 83	+26.584 264 37 +26.584 190 06	4.11 4.11	-1.68 -1.68	-14.15 -14.15	3.56 7.07	2.56 4.48	2.28 2.28	2.73 2.73	1.18 1.18	A 144	0.332									
05312-4218	1	F CA	A 25856 B 25856	7.219 0.005 7.997 0.011	7.493 0.006 8.293 0.014	7.162 0.008 7.863 0.015		82.793 456 32 82.793 970 92	-42.299 938 28 -42.301 946 58	10.83 10.83	27.59 27.59	58.63 58.63	0.89 2.99	0.85 3.08	0.87 0.87	0.88 0.88	0.90 0.90	A 169.27	7.359									
05313+0318	1	F CA	A 25861 B 25861	5.743 0.002 6.794 0.006	5.538 0.009 6.437 0.011	5.744 0.007 6.596 0.010		82.810 549 42 82.810 789 47	+3.292 135 10 +3.292 601 58	2.08 2.08	1.28 1.28	-0.89 -0.89	1.07 2.38	0.63 1.77	1.11 1.11	1.13 1.13	0.60 0.60	A 27.2	1.888									
05314+5439	1	L CA	A 25880 B 25880	7.833 0.004 9.823 0.022	8.417 0.011 10.786 0.065	7.755 0.009 9.674 0.037		82.871 202 40 82.868 495 36	+54.655 544 73 +54.654 033 57	24.43 24.43	-142.50 -122.65	-354.00 -360.02	1.05 7.59	0.88 5.90	1.18 1.18	1.00 5.15	0.75 3.91	A 226.02	7.834	-0.13	-0.010							
05314-0206	1	F CA	A 25870 B 25870	8.619 0.008 9.247 0.015	8.651 0.018 9.135 0.027	8.580 0.021 8.998 0.031		82.838 364 17 82.837 646 04	-2.099 199 20 -2.098 074 31	1.46 1.46	-1.17 -1.17	0.27 0.27	1.76 4.90	1.27 3.31	1.89 1.89	1.85 1.85	1.22 1.22	A 327.5	4.804									
05317+3529	1	F CB	A 25901 B 25901	8.352 0.006 11.871 0.148				82.930 644 33 82.930 497 14	+35.491 226 92 +35.491 318 73	1.38 1.38	2.47 2.47	-2.28 -2.28	1.70 46.48	1.17 31.34	1.45 1.45	1.59 1.59	0.99 0.99	A 307	0.54									
05320-0018	1	F CA D	A 25930 D 25930	2.411 0.006 3.763 0.021				83.001 654 99 83.001 702 56	-0.299 080 71 -0.299 137 47	3.56 3.56	1.67 1.67	0.56 0.56	1.11 4.66	0.81 3.33	0.83 0.83	0.79 0.79	0.46 0.46	A 140	0.267									
05320-0749	1	I CA	A 25928 B 25927	10.030 0.024 11.567 0.079	10.381 0.044 12.050 0.201	9.956 0.047 11.505 0.198		82.992 914 14 82.987 717 17	-7.822 006 40 -7.823 133 26	3.01 -4.80	-1.37 22.08	2.11 1.06	3.57 30.55	2.71 26.17	3.71 17.93	3.07 24.63	2.46 17.26	A 257.7	18.97	0.0	-0.02							
05322+1703	1	F CA	A 25950 B 25950	6.088 0.007 6.455 0.010	6.036 0.008 6.468 0.004	6.057 0.009 6.458 0.004		83.058 935 91 83.060 706 78	+17.058 154 45 +17.056 075 05	2.92 2.92	-4.23 -4.23	-10.85 -10.85	1.82 6.50	1.06 2.41	1.57 1.57	1.88 1.88	0.91 0.91	A 140.85	9.65									



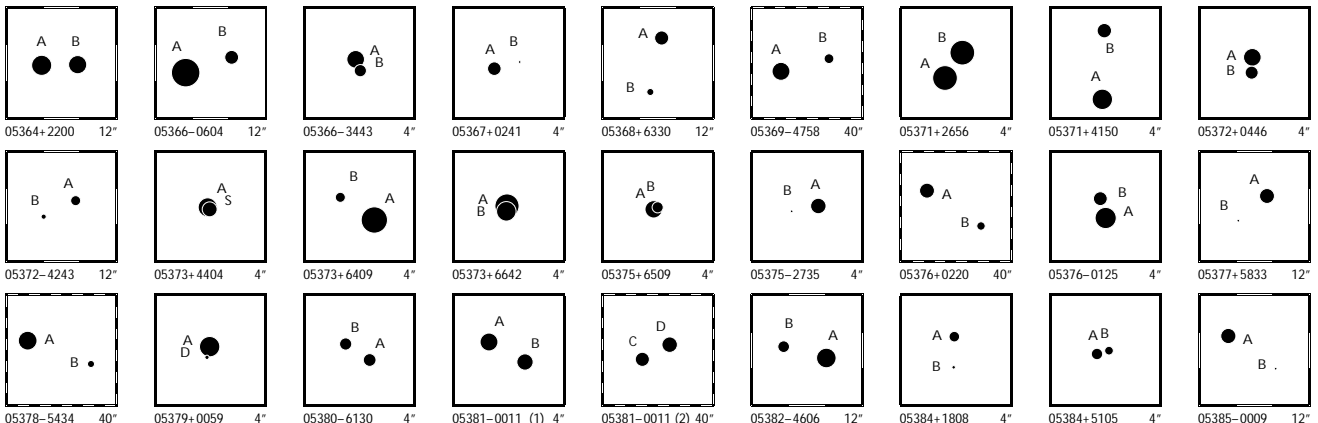
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05322+7049	1	LCA	A 25949 B 25949	9.095 0.005 10.012 0.010		8.604 0.016	8.254 0.016	83.059 804 27 +70.815 329 24 83.060 217 70 +70.815 149 81	13.99 13.99	-4.82 -55.00 2.49 -64.57	1.12 1.76 1.99 0.85 1.55 3.35 5.14 1.99 1.82 4.16	A 142.9	0.810	0.0	+0.012											
05323+4225	1	FCA	A 25960 B 25960	8.384 0.008 10.575 0.058				83.076 864 63 +42.415 892 44 83.077 166 65 +42.416 236 80	4.71 4.71	5.94 -42.36 5.94 -42.36	1.60 1.20 1.51 1.83 1.21 13.03 8.60 1.51 1.83 1.21	A 32.9	1.48													
05323+4923	1	LCA	A 25964 B 25964	7.552 0.006 7.598 0.006	7.979 0.010 8.005 0.011	7.451 0.008 7.533 0.009		83.085 795 70 +49.393 481 79 83.088 971 31 +49.394 085 84	8.58 8.58	3.72 -29.77 7.09 -22.39	2.10 1.34 1.97 2.06 1.00 3.97 2.16 1.97 2.59 1.24	A 73.71	7.752	-0.05	+0.005											
05326+4422	1	FCA	A 25974 B 25974	8.104 0.030 10.426 0.257				83.147 802 51 +44.360 163 33 83.147 811 14 +44.360 085 77	-0.14 -0.14	-1.10 -1.65 -1.10 -1.65	2.74 6.09 1.69 2.16 1.63 21.11 27.06 1.69 2.16 1.63	A 175	0.28													
05329+5208	1	FND	A 25996 C 25996	8.687 0.010 12.333 0.250	9.895 0.031 8.657 0.019			83.228 610 09 +52.128 175 75 83.224 687 71 +52.127 619 16	0.72 0.72	10.83 -18.75 10.83 -18.75	1.90 1.22 1.97 2.18 1.14 79.43 48.51 1.97 2.18 1.14	A 257.0	8.90													
05330-2415	1	LCA	A 26003 B 26003	9.662 0.018 10.636 0.045				83.249 248 68 -24.255 141 53 83.249 167 35 -24.255 177 51	16.42 16.42	5.25 -45.02 25.62 -52.47	2.89 2.69 1.73 1.12 2.00 6.39 8.01 1.73 2.56 5.17	A 244	0.297	-3	-0.015											
05330-3034	1	FND	A 26009 B 26009	11.794 0.043 13.740 0.250				83.262 314 81 -30.572 397 62 83.262 153 84 -30.574 826 21	-3.27 -3.27	0.74 -32.36 0.74 -32.36	3.25 3.90 4.37 3.34 3.94 56.97 72.51 4.37 3.34 3.94	A 183.3	8.76													
05330-7514	1	FCC	A 26002 B 26002	8.111 0.004 12.125 0.173	8.056 0.009 8.098 0.011			83.248 456 14 -75.236 821 60 83.255 990 13 -75.238 707 60	3.51 3.51	3.05 16.71 3.05 16.71	0.82 0.67 0.79 0.86 0.87 36.24 24.70 0.79 0.86 0.87	A 134.5	9.69													
05331+2002	1	FCA	A 26018 B 26018	9.155 0.012 10.885 0.060	10.043 0.025 12.054 0.178	9.099 0.018 10.794 0.095		83.279 070 33 +20.036 282 21 83.279 436 28 +20.035 264 17	21.71 21.71	-71.00 -296.53 -71.00 -296.53	2.51 1.40 2.45 2.80 1.20 16.24 8.30 2.45 2.80 1.20	A 161.3	3.87													
05331-0143	1	FNC	A 26020 B 26020 C 26016 D 26016	6.729 0.010 8.264 0.028 9.066 0.044 9.958 0.102	6.480 0.010 6.621 0.010			83.280 606 05 -1.717 360 64 83.280 570 60 -1.716 916 33 83.273 298 15 -1.720 993 72 83.273 133 51 -1.720 911 72	1.18 1.18 1.18 1.18	1.10 1.23 1.10 1.23 1.10 1.23 1.10 1.23	1.09 0.67 1.10 1.00 0.63 7.44 3.89 1.10 1.00 0.63 9.14 6.09 1.10 1.00 0.63 19.93 13.48 1.10 1.00 0.63	A 355.4 A 243.56 C 296	1.605 29.37 0.66													
05334-4923	1	FCB	A 26050 B 26050	7.620 0.200 8.618 0.502				83.361 664 15 -49.377 601 53 83.361 663 88 -49.377 571 72	13.46 13.46	18.80 -121.22 18.80 -121.22	6.45 12.63 0.56 0.59 0.58 16.28 18.68 0.56 0.59 0.58	A 360	0.11													
05335-2420	1	FCA	A 26060 B 26060	7.839 0.004 11.348 0.103	8.335 0.008 7.783 0.007			83.376 492 99 -24.337 492 29 83.376 972 55 -24.336 423 43	19.22 19.22	12.39 -174.46 12.39 -174.46	0.64 0.88 1.17 0.70 0.99 18.86 30.93 1.17 0.70 0.99	A 22.2	4.16													
05336-5104	1	LCA	A 26067 B 26067	9.528 0.013 9.968 0.019	10.092 0.030 10.462 0.061	9.235 0.021 9.605 0.039		83.400 673 83 -51.065 735 43 83.401 297 79 -51.065 542 01	22.03 22.03	2.56 28.68 -4.12 53.32	1.98 2.43 1.84 1.65 2.22 5.06 5.18 1.84 4.71 5.35	A 63.7	1.574	-0.9	+0.005											
05337-1841	1	FCA	A 26078 B 26078	8.395 0.061 10.403 0.386				83.431 686 34 -18.678 197 36 83.431 681 08 -18.678 253 11	8.79 8.79	36.29 29.45 36.29 29.45	3.12 6.60 1.24 0.90 1.00 18.63 31.49 1.24 0.90 1.00	A 185	0.20													
05338+4447	1	FCA	A 26088 B 26088	8.204 0.006 9.262 0.015	9.252 0.042 9.315 0.032	8.035 0.026 9.018 0.034		83.462 103 28 +44.785 632 35 83.462 832 27 +44.785 948 50	1.58 1.58	2.99 -2.83 2.99 -2.83	1.71 1.47 1.78 2.05 1.46 4.97 3.56 1.78 2.05 1.46	A 58.6	2.183													
05338-1926	1	FND	A 26085 B 26085	8.679 0.005 11.941 0.101	8.819 0.012 8.609 0.014			83.453 947 51 -19.430 738 96 83.454 252 33 -19.430 592 77	1.93 1.93	-3.72 5.83 -3.72 5.83	1.02 1.09 1.37 1.40 1.27 23.91 30.74 1.37 1.40 1.27	A 63	1.16													
05339-1448	1	FCA	A 26095 B 26095	9.563 0.252 10.090 0.410				83.478 620 71 -14.804 809 68 83.478 605 24 -14.804 844 13	2.47 2.47	8.23 -10.25 8.23 -10.25	7.79 17.40 1.33 0.94 0.98 13.91 21.36 1.33 0.94 0.98	A 203	0.14													
05341+4611	1	FCB	A 26105 B 26105	8.347 0.268 9.027 0.501				83.514 080 20 +46.186 932 91 83.514 082 74 +46.186 901 10	2.34 2.34	7.15 -17.36 7.15 -17.36	7.34 19.34 0.98 1.04 0.77 13.56 18.39 0.98 1.04 0.77	A 177	0.11													
05341+6940	1	LCA	A 26109 B 26111	7.955 0.005 10.572 0.050	8.390 0.007 11.646 0.073	7.903 0.006 10.416 0.038		83.516 800 92 +69.660 589 02 83.522 003 28 +69.664 259 24	12.13 -7.02	-9.96 75.38 12.35 3.83	1.06 1.51 1.73 1.04 1.54 15.93 28.30 12.03 11.51 22.10	A 26.2	14.73	+0.2	-0.05											
05343+5616	1	FCA	A 26124 B 26124	7.674 0.003 10.042 0.027				83.568 333 68 +56.271 407 92 83.568 180 27 +56.271 540 39	4.99 4.99	3.66 6.02 3.66 6.02	1.02 0.90 1.14 1.08 0.76 9.25 6.87 1.14 1.08 0.76	A 327	0.57													
05343-3626	1	FCC	A 26123 B 26123	9.994 0.227 10.836 0.492				83.566 343 52 -36.433 662 69 83.566 295 08 -36.433 656 11	0.69 0.69	-0.36 9.93 -0.36 9.93	13.91 11.25 1.04 0.98 1.09 35.28 20.33 1.04 0.98 1.09	A 280	0.14													
05344+0525	1	FCA	A 26136 B 26136	8.342 0.005 11.546 0.099	8.377 0.008 8.315 0.009			83.598 772 25 +5.419 764 11 83.598 899 58 +5.421 952 61	3.75 3.75	1.30 -3.67 1.30 -3.67	1.55 0.78 1.59 1.65 0.73 41.95 16.01 1.59 1.65 0.73	A 3.3	7.89													
05345+1400	1	FCA	A 26151 B 26151	8.767 0.005 11.020 0.036	10.640 0.136 10.519 0.218			83.628 543 15 +14.003 316 68 83.629 686 68 +14.004 212 79	1.77 1.77	-1.89 -8.21 -1.89 -8.21	2.00 1.22 2.04 2.31 1.32 17.38 11.91 2.04 2.31 1.32	A 51.1	5.13													
05346+5155	1	FCA	A 26155 B 26155	8.936 0.008 10.991 0.052	9.009 0.014 10.983 0.107	8.838 0.016 10.672 0.132		83.642 778 69 +51.920 455 67 83.644 749 00 +51.920 128 01	2.08 2.08	-3.82 -9.50 -3.82 -9.50	2.01 1.15 2.02 2.01 1.00 15.03 9.04 2.02 2.01 1.00	A 105.1	4.53													
05347-4857	1	FCA	A 26164 B 26164	7.369 0.005 11.010 0.123	7.567 0.006 11.782 0.132	7.322 0.006 10.432 0.056		83.668 479 84 -48.947 539 34 83.662 843 19 -48.946 860 06	6.88 6.88	-7.33 -23.61 -7.33 -23.61	0.66 0.68 0.66 0.71 0.75 23.06 30.20 0.66 0.71 0.75	A 280.4	13.55													
05348-0712	1	FCA	A 26173 B 26173	6.900 0.004 10.473 0.095				83.700 019 96 -7.200 369 55 83.699 869 06 -7.200 368 98	1.36 1.36	3.55 -7.06 3.55 -7.06	0.98 0.61 0.92 0.78 0.60 20.18 14.42 0.92 0.78 0.60	A 270	0.54													
05349+2553	1	FCA	A 26177 B 26177	8.433 0.020 10.775 0.171				83.712 850 62 +25.884 338 94 83.712 725 17 +25.884 344 45	2.15 2.15	-0.66 -3.25 -0.66 -3.25	3.60 1.47 2.10 2.45 1.25 25.26 8.63 2.10 2.45 1.25	A 273	0.41													



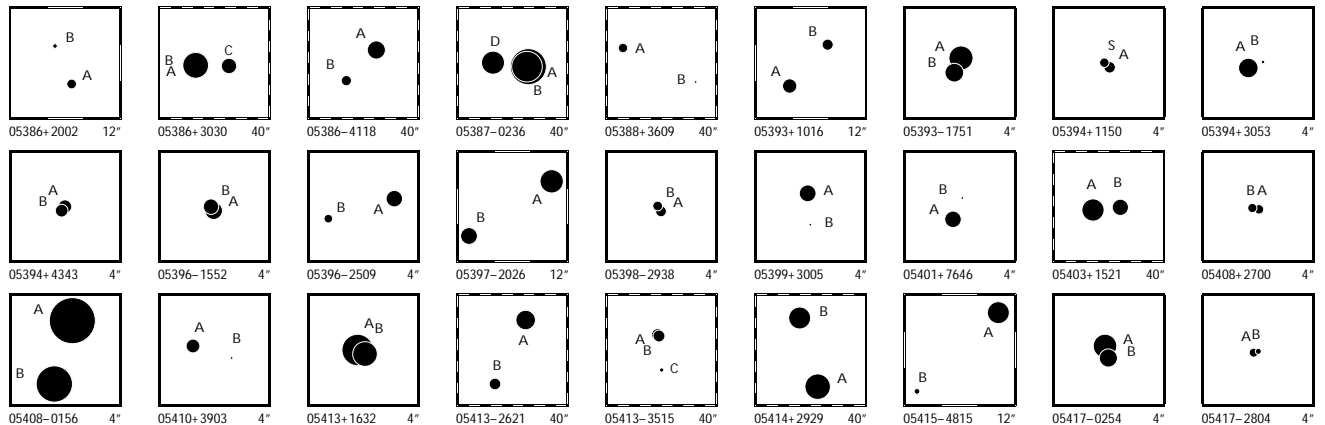
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05349-0007	1	F CA	A 26188 B 26188	7.137 0.004 10.129 0.054	7.020 0.005 10.233 0.053	7.129 0.005 10.031 0.061			83.735 382 01 83.732 677 23	-0.122 849 78 -0.122 075 80	2.61 2.61	-1.81 -4.11 -1.81 -4.11	1.18 0.69 1.29 1.24 0.67 16.16 10.58 1.29 1.24 0.67	A 286.0 10.13											
05350-0600	1	F CB	A 26197 B 26197 C 26197	5.647 0.005 8.839 0.098					83.754 192 79 83.754 326 42	-6.009 269 27 -6.009 346 94	0.55 0.55	1.02 -0.27 1.02 -0.27	1.08 0.75 1.11 1.01 0.71 24.46 19.59 1.11 1.01 0.71	A 120 0.55											
05351+0956	1	F CA	A 26207 B 26207	3.496 0.003 5.452 0.015	3.312 0.007	3.517 0.006			83.784 490 43 83.785 337 73	+9.934 162 94 +9.935 033 02	3.09 3.09	-1.03 -1.86 -1.03 -1.86	0.79 0.54 0.78 0.97 0.53 5.78 3.57 0.78 0.97 0.53	A 43.8 4.340											
05351+3056	1	L NB	A 26206 B 26206	8.983 0.009 9.018 0.009					83.777 326 45 83.777 345 91	+30.929 019 36 +30.929 147 62	11.45 11.45	2.15 -23.24 -4.62 -27.38	2.89 2.15 1.84 2.19 1.47 2.20 1.69 1.84 2.07 1.36	A 7.4 0.466 -0.8 -0.005											
05352+1014	1	F CA	A 26215 B 26215	5.668 0.003 9.682 0.127	5.757 0.005	5.636 0.005			83.805 161 63 83.805 044 26	+10.240 102 04 +10.240 877 41	2.23 2.23	1.45 -3.76 1.45 -3.76	0.82 0.56 0.82 1.01 0.56 35.34 23.30 0.82 1.01 0.56	A 352 2.82											
05352-0223	1	F CC	A 26216 B 26216	8.519 0.256 10.291 1.311					83.807 589 33 83.807 559 23	-2.381 206 63 -2.381 195 63	1.89 1.89	1.25 -0.47 1.25 -0.47	10.32 7.37 1.00 0.96 0.57 86.64 56.98 1.00 0.96 0.57	A 290 0.12											
05352-4657	1	F CA	A 26217 B 26217	9.088 0.006 10.388 0.018					83.808 510 28 83.808 334 90	-46.945 372 39 -46.945 412 41	11.46 11.46	52.76 0.46 52.76 0.46	1.34 1.31 1.12 1.21 1.31 4.71 5.36 1.12 1.21 1.31	A 252 0.454											
05353-0524	1	F NC Y	A 26221 B 26220 C 26224 D 26220 E 26235 N 26235	4.961 0.059 6.351 0.143 7.198 0.319 7.492 0.646 5.049 0.007 8.281 0.141					83.818 608 63 83.815 928 96 83.821 660 16 83.817 134 08 83.845 415 91 83.845 311 77	-5.389 696 24 -5.387 315 36 -5.387 680 76 -5.385 247 17 -5.416 063 31 -5.416 039 21	-1.85 -1.85 -1.85 -1.85 1.72 1.72	-0.92 0.13 -0.92 0.13 -0.92 0.13 -0.92 0.13 1.68 1.50 1.68 1.50	1.94 1.41 2.12 2.06 1.34 23.22 17.40 2.12 2.06 1.34 53.34 36.43 2.12 2.06 1.34 95.27 69.75 2.12 2.06 1.34 1.32 0.99 1.00 0.93 0.64 34.72 28.48 1.00 0.93 0.64	A 311.7 12.87 A 56.4 13.12 A 341.7 16.87 E 283 0.38											
05353-6941	1	I CB	A 26222 B 26218	10.574 0.021 13.407 0.239	10.621 0.048	10.759 0.093			83.819 291 96 83.809 157 22	-69.677 345 37 -69.679 801 72	-1.14 17.78	6.40 -1.71 19.26 -34.09	3.37 3.53 2.90 3.89 4.10 90.80 92.84 55.37 77.11 78.55	A 235.1 15.45 -0.1 +0.01											
05354-0426	1	F CA	A 26234 B 26234	6.453 0.008 7.891 0.029					83.842 983 92 83.843 087 54	-4.424 323 72 -4.424 331 19	2.89 2.89	-0.48 1.52 -0.48 1.52	1.32 0.74 1.06 0.94 0.59 4.99 3.13 1.06 0.94 0.59	A 94 0.373											
05354-0430	1	F CC P	A 26233 B 26233	6.552 0.008 10.282 0.250					83.841 106 14 83.840 999 79	-4.494 174 72 -4.494 164 38	2.68 2.68	2.12 0.94 2.12 0.94	1.38 0.71 0.98 0.86 0.56 42.54 24.62 0.98 0.86 0.56	A 276 0.38											
05354-0839	1	F CA	A 26246 B 26246	8.141 0.005 10.649 0.043	8.108 0.010	8.104 0.013			83.861 513 32 83.862 541 01	-8.645 587 63 -8.645 486 57	2.99 2.99	-5.43 0.00 -5.43 0.00	1.16 0.89 1.39 1.15 0.87 11.24 9.73 1.39 1.15 0.87	A 84.3 3.68											
05354-3316	1	L CA	A 26245 B 26245	7.125 0.004 8.460 0.014					83.861 587 23 83.861 497 78	-33.269 485 75 -33.269 389 52	20.99 20.99	-42.54 105.71 -36.13 103.55	0.88 1.16 0.85 0.72 0.91 3.00 4.48 0.85 2.14 2.63	A 322.1 0.439 +0.5 -0.006											
05355+0716	1	F CA	A 26256 B 26256	9.326 0.010 11.484 0.067	9.834 0.020	9.232 0.018			83.877 702 85 83.874 020 02	+7.272 608 92 +7.272 477 65	6.21 6.21	1.86 -27.67 1.86 -27.67	2.99 1.39 3.01 3.27 1.26 29.14 15.49 3.01 3.27 1.26	A 267.9 13.16											
05355+0723	1	L CA	A 26259 B 26259	10.157 0.008 10.466 0.011	9.900 0.021 10.127 0.063	9.498 0.020 9.650 0.047			83.882 445 63 83.881 999 54	+7.388 504 51 +7.388 620 92	6.35 6.35	-7.64 -4.78 22.56 -8.34	5.40 3.01 4.46 3.94 2.17 9.53 4.92 4.46 9.57 3.67	B 284.7 1.65 +0.1 -0.03											
05355+3754	1	F CA	A 26249 B 26249	7.704 0.005 11.311 0.122	7.966 0.013	7.659 0.017			83.865 332 47 83.865 177 46	+37.902 003 52 +37.901 476 57	8.63 8.63	-28.09 -17.37 -28.09 -17.37	1.26 0.89 1.34 1.25 0.82 28.57 17.32 1.34 1.25 0.82	A 193 1.95											
05355-0422	1	F CA	A 26257 B 26257	6.431 0.003 8.390 0.020	6.260 0.007	6.431 0.008			83.879 486 33 83.880 511 78	-4.364 048 61 -4.363 454 55	2.58 2.58	3.78 1.07 3.78 1.07	0.89 0.60 1.01 0.89 0.58 6.38 4.46 1.01 0.89 0.58	A 59.8 4.26											
05356+3801	1	F CA	A 26261 B 26261	8.200 0.005 10.763 0.048					83.891 267 14 83.891 101 82	+38.019 742 36 +38.019 667 07	3.95 3.95	-1.17 -3.60 -1.17 -3.60	1.75 1.20 1.67 1.58 0.99 18.97 11.90 1.67 1.58 0.99	A 240 0.54											
05356-0315	1	F CC	A 26263 B 26263	6.386 0.004 10.515 0.168					83.899 600 25 83.899 564 33	-3.252 837 54 -3.252 575 17	1.25 1.25	0.85 -1.00 0.85 -1.00	0.82 0.58 0.92 0.92 0.58 42.33 34.14 0.92 0.92 0.58	A 352 0.95											
05357+3654	1	F CA	A 26275 B 26275	10.277 0.015 12.190 0.089	10.508 0.057	10.132 0.065			83.931 936 32 83.931 445 19	+36.906 101 93 +36.906 304 12	-0.64 -0.64	-8.09 -14.46 -8.09 -14.46	3.46 1.87 3.75 2.96 1.88 23.46 13.83 3.75 2.96 1.88	A 297 1.59											
05358+2026	1	F CC	A 26281 B 26281	9.704 0.051 12.168 0.489					83.940 154 24 83.940 138 55	+20.437 826 22 +20.437 891 70	-0.13 -0.13	10.25 3.73 10.25 3.73	8.64 8.23 2.60 3.44 1.60 65.27 55.43 2.60 3.44 1.60	A 347 0.24											
05358+2455	1	F CA	A 26286 B 26286	10.172 0.007 11.491 0.023					83.957 094 92 83.957 023 09	+24.922 994 58 +24.923 134 41	3.42 3.42	-1.64 -5.81 -1.64 -5.81	3.19 1.81 3.23 3.14 1.56 10.22 6.02 3.23 3.14 1.56	A 335 0.56											
05359+3901	1	F CA	A 26293 B 26293	9.112 0.007 12.101 0.101	9.684 0.030	8.992 0.025			83.984 284 24 83.984 595 73	+39.024 063 57 +39.023 630 70	11.57 11.57	-31.14 -1.14 -31.14 -1.14	2.13 1.53 2.09 2.48 1.62 37.13 26.94 2.09 2.48 1.62	A 151 1.79											
05360+1933	1	F ND D	A 26298 B 26298	7.233 0.005 10.877 0.137					84.010 804 07 84.011 009 12	+19.549 432 46 +19.549 511 86	0.27 0.27	-3.66 -9.28 -3.66 -9.28	1.37 0.88 1.34 1.45 0.91 39.35 23.98 1.34 1.45 0.91	A 68 0.75											
05360+2616	1	F CA	A 26299 B 26299	8.314 0.015 10.820 0.147					84.011 233 85 84.011 232 48	+26.268 320 59 +26.268 404 03	1.95 1.95	-3.72 -6.45 -3.72 -6.45	2.16 3.31 1.62 2.25 1.15 19.89 14.79 1.62 2.25 1.15	A 359 0.30											
05361-1220	1	F CA	A 26301 B 26301	9.722 0.009 10.245 0.014					84.014 402 90 84.014 357 25	-12.339 942 60 -12.340 064 20	7.69 7.69	13.49 -12.74 13.49 -12.74	2.48 2.68 2.62 2.13 2.14 5.65 4.97 2.62 2.13 2.14	A 200 0.466											



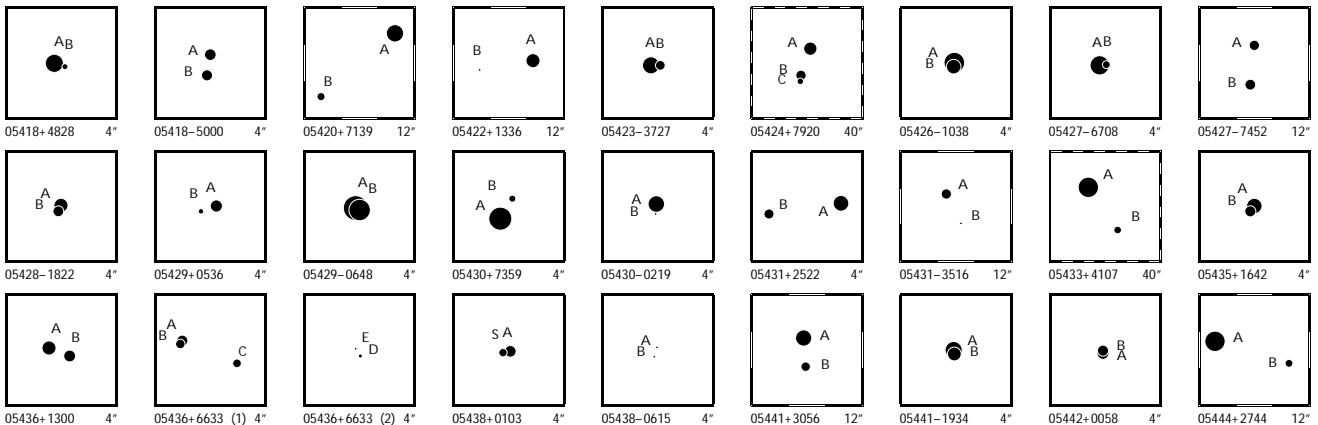
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05364+2200	1	LCA	A 26328 B 26328	7.530 0.005 7.968 0.006				84.110 044 06 +21.993 314 40 84.108 847 54 +21.993 350 83	15.35 15.35	-44.21 -84.81 -46.82 -76.45	2.29 1.34 1.99 1.87 1.07 4.07 2.12 1.99 3.04 1.82	A 271.88 3.996 +0.12 +0.003														
05366-0604	1	FCB	A 26345 B 26345	5.684 0.004 8.910 0.074	5.465 0.003 9.006 0.035	5.720 0.004 9.236 0.054		84.148 723 14 -6.064 752 48 84.147 298 72 -6.064 271 83	1.70 1.70	0.00 0.35 0.00 0.35	0.80 0.53 0.93 0.79 0.53 16.53 11.40 0.93 0.79 0.53	A 288.7 5.38														
05366-3443	1	FCA	A 26343 B 26343	8.082 0.006 9.301 0.019				84.146 298 73 -34.722 628 00 84.146 244 27 -34.722 747 44	3.53 3.53	-24.46 -20.07 -24.46 -20.07	1.04 1.48 1.12 0.84 1.39 4.13 4.73 1.12 0.84 1.39	A 201 0.459														
05367+0241	1	FCA	A 26353 B 26353	9.008 0.004 11.746 0.049				84.174 353 60 +2.686 498 36 84.174 099 54 +2.686 573 37	4.30 4.30	1.67 2.08 1.67 2.08	1.67 0.89 1.67 2.00 0.84 24.31 12.89 1.67 2.00 0.84	A 286 0.95														
05368+6330	1	FCA	A 26358 B 26358	8.909 0.007 10.449 0.026	10.109 0.025 11.383 0.079	8.871 0.015 10.242 0.046		84.202 950 60 +63.508 494 70 84.203 733 31 +63.506 818 77	2.53 2.53	-14.50 -14.82 -14.50 -14.82	1.19 1.16 1.52 1.23 1.12 6.09 6.84 1.52 1.23 1.12	A 168.2 6.16														
05369-4758	1	INB	A 26373 B 26369	8.057 0.025 9.856 0.113	8.993 0.018 11.086 0.068	8.019 0.013 9.702 0.032		84.236 802 24 -47.964 687 27 84.229 454 24 -47.963 383 16	41.90 41.23	25.31 -0.04 5.42 21.87	2.19 1.96 1.74 2.30 2.15 28.56 25.70 15.54 20.58 19.61	A 284.8 18.32 +0.1 +0.02														
05371+2656	1	LCA	A 26396 B 26396	6.564 0.004 6.566 0.005				84.286 825 53 +26.924 528 23 84.287 025 92 +26.924 270 20	6.83 6.83	11.11 -22.68 17.02 -19.85	2.80 1.75 1.91 1.93 1.16 3.34 2.14 1.91 2.36 1.39	B 145.3 1.130 -0.3 +0.001														
05371+4150	1	FCA	A 26392 B 26392	7.492 0.003 8.790 0.010	7.954 0.014 9.379 0.025	7.424 0.013 8.572 0.014		84.279 965 91 +41.828 335 57 84.279 941 38 +41.829 040 25	22.35 22.35	4.28 -32.27 4.28 -32.27	1.20 0.91 1.20 1.46 1.01 3.49 3.15 1.20 1.46 1.01	A 358.5 2.538														
05372+0446	1	FCA	A 26402 B 26402	8.108 0.005 9.149 0.011				84.305 533 85 +4.768 597 70 84.305 540 19 +4.768 441 63	-1.55 -1.55	-1.62 0.05 -1.62 0.05	1.75 1.29 1.74 1.72 1.17 3.93 3.22 1.74 1.72 1.17	A 177.7 0.562														
05372-4243	1	FCA	A 26401 B 26401	9.769 0.009 10.884 0.023	10.471 0.032 11.202 0.071	9.703 0.026 10.277 0.051		84.303 797 18 -42.715 434 81 84.305 134 71 -42.715 915 81	13.39 13.39	11.90 -13.76 11.90 -13.76	1.43 1.69 1.60 1.47 2.06 5.77 7.01 1.60 1.47 2.06	A 116.1 3.94														
05373+4404	1	FCB	A 26413 S 26413	7.770 0.295 8.718 0.707				84.320 196 15 +44.070 892 12 84.320 174 15 +44.070 871 30	0.33 0.33	3.82 -1.73 3.82 -1.73	9.22 13.54 1.00 1.22 0.92 25.54 21.86 1.00 1.22 0.92	A 217 0.09														
05373+6409	1	FCA	A 26408 B 26408	6.192 0.003 9.760 0.075	6.162 0.004 6.165 0.004			84.312 783 75 +64.154 851 21 84.313 583 96 +64.155 090 77	8.77 8.77	1.06 -66.45 1.06 -66.45	0.62 0.57 0.72 0.63 0.55 17.31 14.44 0.72 0.63 0.55	A 56 1.52														
05373+6642	1	LCA	A 26410 B 26410	6.681 0.030 7.661 0.074				84.316 876 52 +66.696 729 36 84.316 886 80 +66.696 679 64	12.60 12.60	-16.39 -8.30 -27.83 -12.27	1.26 2.86 0.65 1.13 0.81 3.06 5.66 0.65 2.64 1.64	A 175 0.180 +4 +0.003														
05375+6509	1	FCA	A 26429 B 26429	8.182 0.115 9.540 0.400				84.372 566 27 +65.141 809 96 84.372 477 47 +65.141 832 67	7.05 7.05	-8.41 6.02 -8.41 6.02	8.53 5.23 0.91 0.72 0.65 22.01 16.00 0.91 0.72 0.65	A 301 0.16														
05375-2735	1	FCA	A 26436 B 26436	8.596 0.007 12.022 0.167	8.938 0.011 8.498 0.011			84.387 451 56 -27.584 742 08 84.387 769 38 -27.584 792 42	9.44 9.44	15.89 0.84 15.89 0.84	0.94 1.29 1.47 1.02 1.74 28.58 37.41 1.47 1.02 1.74	A 100 1.03														
05376+0220	1	LCA	A 26450 B 26445	8.698 0.016 10.130 0.038	8.881 0.040 10.354 0.039	8.723 0.048 10.121 0.052		84.410 167 44 +2.321 537 99 84.404 619 77 +2.317 920 53	4.08 -0.48	-9.13 -4.66 -14.80 -5.79	3.01 1.70 2.42 3.46 1.49 17.12 9.04 9.40 12.44 5.28	A 236.87 23.83 +0.01 +0.01														
05376-0125	1	FCA	A 26439 B 26439	7.303 0.002 8.921 0.010				84.395 011 36 -1.422 131 20 84.395 062 87 -1.421 927 47	2.51 2.51	0.95 -1.06 0.95 -1.06	0.99 0.65 1.10 1.12 0.60 4.14 2.23 1.10 1.12 0.60	A 14.2 0.756														
05377+5833	1	FCA	A 26455 B 26455	8.721 0.009 11.718 0.138	9.152 0.014 8.633 0.014			84.417 476 80 +58.549 226 79 84.419 165 19 +58.548 462 17	6.21 6.21	-2.89 -42.44 -2.89 -42.44	1.66 1.32 1.82 1.94 1.28 27.59 20.60 1.82 1.94 1.28	A 131.0 4.20														
05378-5434	1	IND D	A 26468 B 26462	7.863 0.030 10.411 0.237	8.652 0.013 10.816 0.054	7.800 0.010 10.021 0.041		84.451 154 61 -54.564 470 01 84.440 127 82 -54.566 911 23	9.58 30.99	-0.50 99.62 -6.54 84.33	2.03 2.13 1.68 1.87 2.17 43.91 48.62 24.17 25.38 30.98	A 249.1 24.64 0.0 +0.01														
05379+0059	1	FCA	A 26476 D 26476	7.491 0.003 11.031 0.069				84.472 724 59 +0.968 613 77 84.472 747 40 +0.968 502 47	2.03 2.03	0.90 -1.63 0.90 -1.63	1.53 0.76 1.44 1.35 0.62 32.65 16.14 1.44 1.35 0.62	A 168 0.41														
05380-6130	1	FCA	A 26483 B 26483	9.169 0.008 9.270 0.009				84.491 005 20 -61.493 157 84 84.491 511 92 -61.492 995 20	2.09 2.09	4.48 34.92 4.48 34.92	1.64 1.79 1.51 1.82 2.38 3.29 3.44 1.51 1.82 2.38	A 56.1 1.049														
05381-0011	1	FCA	A 26494 B 26494	8.017 0.005 8.413 0.007	7.746 0.032 7.783 0.035			84.527 150 99 -0.184 298 95 84.526 784 77 -0.184 511 40	4.40 4.40	-2.08 1.98 -2.08 1.98	2.12 1.09 1.82 1.97 0.96 3.00 1.54 1.82 1.97 0.96	A 239.9 1.524														
	2	FCA	D 26500 C 26500	8.608 0.021 8.902 0.025	8.621 0.017 8.690 0.018	8.484 0.020 8.643 0.022		84.538 457 05 -0.182 162 02 84.541 253 12 -0.183 656 01	-0.62 -0.62	-7.25 -0.09 -7.25 -0.09	4.67 2.20 3.65 6.11 2.06 10.80 5.08 3.65 6.11 2.06	D 118.12 11.41														
05382-4606	1	LCA	A 26501 B 26501	7.666 0.004 9.445 0.020	8.393 0.014 7.580 0.014			84.539 568 79 -46.104 906 64 84.541 471 80 -46.104 540 27	39.59 39.59	-126.90 -465.04 -128.52 -481.39	1.00 0.99 0.94 0.95 0.95 6.45 5.76 0.94 4.93 4.67	A 74.5 4.93 +0.2 -0.01														
05384+1808	1	FCA	A 26520 B 26520	9.688 0.013 11.191 0.049	10.035 0.035 9.528 0.035			84.598 524 72 +18.136 307 71 84.598 523 93 +18.135 999 25	5.41 5.41	3.94 -39.00 3.94 -39.00	2.60 1.83 2.52 3.02 1.82 13.40 11.02 2.52 3.02 1.82	A 180 1.11														
05384+5105	1	FCA	A 26519 B 26519	9.483 0.011 10.056 0.019				84.592 428 43 +51.089 713 83 84.592 241 92 +51.089 743 77	1.83 1.83	-0.25 -3.61 -0.25 -3.61	2.81 1.87 2.16 2.69 1.72 5.98 4.40 2.16 2.69 1.72	A 284 0.44														
05385-0009	1	FCB	A 26526 B 26526	8.643 0.006 12.155 0.146	8.577 0.010 8.637 0.013			84.630 559 14 -0.147 785 50 84.629 104 99 -0.148 769 21	1.74 1.74	-1.15 -0.65 -1.15 -0.65	1.57 0.90 1.64 1.83 0.84 53.22 29.67 1.64 1.83 0.84	A 235.9 6.32														



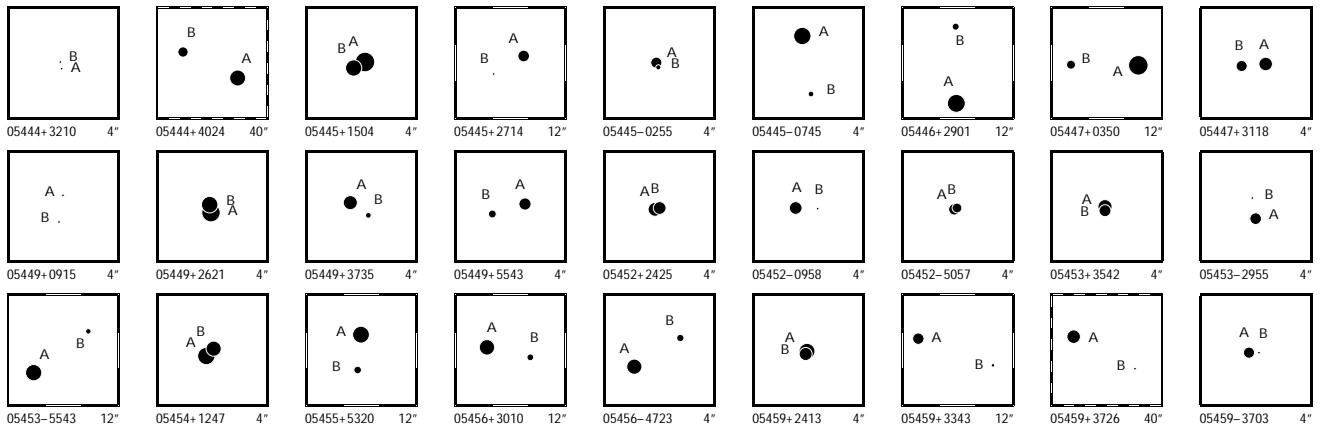
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05386+2002	1	F CA	A 26539 B 26539	9.829 0.018 10.950 0.050	10.431 0.056	9.883 0.055	84.661 727 57 +20.035 126 94 84.662 278 65 +20.036 284 24	5.43 5.43	0.23 -30.14 0.23 -30.14	4.08 2.56 3.81 4.74 2.98 14.25 9.28 3.81 4.74 2.98	A 24.1 4.56														
05386+3030	1	F NB G	A 26536 B 26536 C 26536	6.213 0.114 6.286 0.121 8.589 0.076	8.750 0.020	8.408 0.021	84.658 749 67 +30.492 460 92 84.658 746 66 +30.492 420 64 84.654 825 28 +30.492 353 15	7.29 7.29 7.29	-21.15 -11.98 -21.15 -11.98 -21.15 -11.98	3.48 3.52 0.96 0.97 0.64 1.33 3.05 0.96 0.97 0.64 20.74 12.65 0.96 0.97 0.64	A 184 0.145 B 268.2 12.18														
05386-4118	1	I CA	A 26531 B 26533	7.986 0.012 9.743 0.047	8.382 0.012	7.941 0.010 10.313 0.033	84.651 977 74 -41.296 450 70 84.656 093 88 -41.299 620 77	11.74 19.14	-5.65 -18.95 -5.27 -20.79	1.42 1.79 1.42 1.33 1.96 10.85 14.41 6.27 5.82 8.51	A 135.71 15.94 0.00 0.00														
05387-0236	1	F NB G	A 26549 B 26549 D 26551	4.036 0.013 5.246 0.039 6.888 0.120	6.375 0.012	6.557 0.014	84.686 509 20 -2.600 056 36 84.686 561 45 -2.600 103 09 84.690 100 95 -2.599 691 73	2.84 2.84 2.84	4.61 -0.40 4.61 -0.40 4.61 -0.40	0.95 0.66 0.91 0.88 0.53 7.00 4.61 0.91 0.88 0.53 24.74 14.12 0.91 0.88 0.53	A 132 0.25 B 84.2 12.98														
05388+3609	1	I NC	A 26557 B 26554	9.881 0.013 12.252 0.078	10.357 0.048	9.777 0.044	84.705 299 88 +36.154 513 47 84.696 091 76 +36.151 015 80	10.87 -7.94	17.48 -27.45 -2.52 -25.16	4.26 2.89 3.85 3.81 2.61 38.22 26.27 21.95 21.38 14.79	A 244.81 29.58 +0.02 +0.02														
05393+1016	1	F CA	A 26604 B 26604	8.848 0.007 9.538 0.013	9.490 0.017	8.794 0.015 10.275 0.035	84.821 627 39 +10.259 924 00 84.820 459 32 +10.261 204 06	17.29 17.29	1.98 -28.94 1.98 -28.94	4.15 3.22 2.99 3.38 2.77 10.81 5.28 2.99 3.38 2.77	A 318.1 6.19														
05393-1751	1	F CA	A 26602 B 26602	6.682 0.003 7.876 0.009			84.817 617 07 -17.849 415 10 84.817 689 02 -17.849 569 73	2.50 2.50	-6.97 2.78 -6.97 2.78	0.80 0.76 0.97 0.75 0.75 3.16 2.17 0.97 0.75 0.75	A 156.1 0.609														
05394+1150	1	F CA	A 26609 S 26609	9.502 0.054 9.904 0.078			84.849 504 64 +11.834 913 60 84.849 564 91 +11.834 962 05	3.37 3.37	-3.99 -4.90 -3.99 -4.90	10.44 8.35 2.01 2.07 1.22 15.16 10.79 2.01 2.07 1.22	A 51 0.27														
05394+3053	1	F CB	A 26611 B 26611	7.699 0.008 11.195 0.210			84.853 343 32 +30.890 776 89 84.853 168 52 +30.890 838 88	2.13 2.13	-1.34 -3.58 -1.34 -3.58	1.91 1.14 1.54 1.55 0.90 32.05 20.95 1.54 1.55 0.90	A 292 0.58														
05394+4343	1	F CA	A 26607 B 26607	8.980 0.079 9.152 0.093			84.843 942 58 +43.709 318 14 84.843 984 58 +43.709 278 98	6.60 6.60	-7.22 3.23 -7.22 3.23	6.80 7.35 1.17 1.31 1.14 7.09 7.18 1.17 1.31 1.14	A 142 0.178														
05396-1552	1	F CA	A 26628 B 26628	8.123 0.110 8.598 0.171			84.894 116 51 -15.868 127 37 84.894 142 84 -15.868 089 04	4.69 4.69	7.03 4.97 7.03 4.97	6.18 8.16 1.03 0.80 0.69 7.92 10.28 1.03 0.80 0.69	A 33 0.17														
05396-2509	1	F CA	A 26626 B 26626	8.321 0.007 10.094 0.033	8.253 0.005	8.311 0.008 9.879 0.024	84.892 738 69 -25.148 210 50 84.893 491 54 -25.148 410 20	3.09 3.09	-0.13 5.46 -0.13 5.46	0.90 1.15 1.44 1.01 1.17 7.24 7.39 1.44 1.01 1.17	A 106.3 2.56														
05397-2026	1	I CA	A 26642 B 26643	6.859 0.008 8.301 0.021	6.763 0.006	6.860 0.007 8.140 0.009	84.936 300 39 -20.435 201 69 84.939 010 96 -20.436 865 51	4.17 9.63	-5.73 8.70 -12.10 3.44	1.38 1.32 1.53 1.86 1.35 5.55 5.81 4.97 5.24 4.65	A 123.23 10.93 +0.04 0.00														
05398-2938	1	F CA	A 26645 B 26645	9.577 0.049 9.817 0.061			84.946 332 05 -29.632 141 26 84.946 374 13 -29.632 086 73	3.33 3.33	12.76 12.94 12.76 12.94	4.76 6.43 1.42 0.90 1.38 4.85 6.57 1.42 0.90 1.38	A 34 0.24														
05399+3005	1	F CB	A 26658 B 26658	8.267 0.011 11.419 0.184	9.056 0.016	8.225 0.013	84.985 935 39 +30.086 463 95 84.985 910 96 +30.086 141 11	2.28 2.28	-1.61 -4.39 -1.61 -4.39	1.81 1.27 1.80 1.90 1.10 39.63 29.01 1.80 1.90 1.10	A 184 1.16														
05401+7646	1	F CB	A 26673 B 26673	8.364 0.005 11.995 0.142			85.025 523 87 +76.766 686 00 85.025 108 71 +76.766 898 94	8.60 8.60	-12.03 -67.87 -12.03 -67.87	0.84 1.04 1.16 0.87 1.10 32.14 38.89 1.16 0.87 1.10	A 336 0.84														
05403+1521	1	I CA	A 26692 B 26690	7.059 0.009 8.429 0.032	7.304 0.013	6.965 0.014 8.364 0.038	85.078 547 12 +15.350 153 82 85.075 629 66 +15.350 399 94	2.13 8.18	8.61 -30.90 13.96 -28.28	3.07 2.06 2.53 3.33 2.13 15.77 9.98 6.45 7.50 4.90	A 275.00 10.17 +0.02 -0.01														
05408+2700	1	F CA	A 26730 B 26730	9.882 0.112 9.935 0.117			85.193 460 57 +26.998 352 99 85.193 542 79 +26.998 357 45	5.94 5.94	23.11 -75.82 23.11 -75.82	16.23 4.57 1.86 2.03 1.32 12.63 4.15 1.86 2.03 1.32	A 87 0.26														
05408-0156	1	F CA P	A 26727 B 26727	1.824 0.004 3.951 0.025	1.767 0.006	1.884 0.004 3.498 0.011	85.189 686 72 -1.942 578 41 85.189 870 30 -1.943 224 69	3.99 3.99	3.99 2.54 3.99 2.54	0.70 0.41 0.79 0.74 0.40 7.85 5.43 0.79 0.74 0.40	A 164.2 2.42														
05410+3903	1	F CB	A 26746 B 26746	8.957 0.009 11.644 0.098	10.084 0.044	8.873 0.026	85.247 252 63 +39.053 253 24 85.246 747 60 +39.053 136 76	5.08 5.08	-5.39 -10.03 -5.39 -10.03	1.97 1.44 1.95 2.50 1.53 33.95 20.63 1.95 2.50 1.53	A 253 1.47														
05413+1632	1	F CA	A 26777 B 26777	5.043 0.008 6.558 0.031			85.323 814 26 +16.534 183 18 85.323 731 74 +16.534 140 91	4.36 4.36	5.42 -14.54 5.42 -14.54	3.56 2.24 1.23 2.25 1.17 16.98 10.54 1.23 2.25 1.17	A 242 0.32														
05413-2621	1	I NB	A 26775 B 26776	7.652 0.010 9.413 0.038	8.070 0.006	7.588 0.006 9.957 0.020	85.320 568 86 -26.346 686 48 85.324 021 27 -26.353 199 97	14.29 13.96	-138.28 6.23 -140.28 12.20	1.24 1.54 1.54 1.35 1.72 9.23 11.04 8.07 6.84 8.44	A 154.59 25.96 0.00 -0.01														
05413-3515	1	F CA G	A 26780 B 26780 C 26780	9.290 0.019 9.386 0.022 11.015 0.113	11.301 0.079	10.768 0.078	85.335 745 75 -35.247 033 44 85.335 618 07 -35.247 160 14 85.335 279 40 -35.250 707 28	7.39 7.39 7.39	-4.30 17.88 -4.30 17.88 -4.30 17.88	3.88 4.66 3.96 3.69 6.11 6.46 7.02 3.96 3.69 6.11 16.63 17.31 3.96 3.69 6.11	A 219 0.59 B 185.9 13.30														
05414+2929	1	I ND	A 26781 B 26783	6.378 0.010 7.162 0.017	6.272 0.004	6.366 0.005 7.097 0.005	85.337 360 27 +29.487 480 98 85.339 408 39 +29.494 481 08	6.49 4.10	16.34 -25.72 6.24 -23.07	1.99 1.29 1.75 1.81 1.07 8.60 5.01 4.55 5.27 2.95	A 14.29 26.005 -0.02 0.000														
05415-4815	1	F CA	A 26805 B 26805	7.163 0.006 10.747 0.157	7.141 0.005	7.136 0.006 10.813 0.057	85.386 059 63 -48.250 659 97 85.389 821 77 -48.253 078 95	7.15 7.15	0.77 11.54 0.77 11.54	0.75 0.77 0.75 0.88 0.89 21.82 29.53 0.75 0.88 0.89	A 134.0 12.54														
05417-0254	1	L CA	A 26820 B 26820	6.807 0.004 7.970 0.012			85.417 951 23 -2.896 514 93 85.417 919 42 -2.896 639 36	11.95 11.95	50.55 23.66 53.66 11.07	1.30 0.89 1.21 1.05 0.58 4.25 2.64 1.21 2.28 1.20	A 194.3 0.462 -0.8 +0.011														
05417-2804	1	F CA	A 26825 B 26825	10.037 0.212 10.676 0.382			85.432 353 79 -28.068 472 76 85.432 303 29 -28.068 459 09	1.65 1.65	0.84 5.06 0.84 5.06	15.62 10.71 1.32 1.07 1.03 29.44 19.72 1.32 1.07 1.03	A 287 0.17														



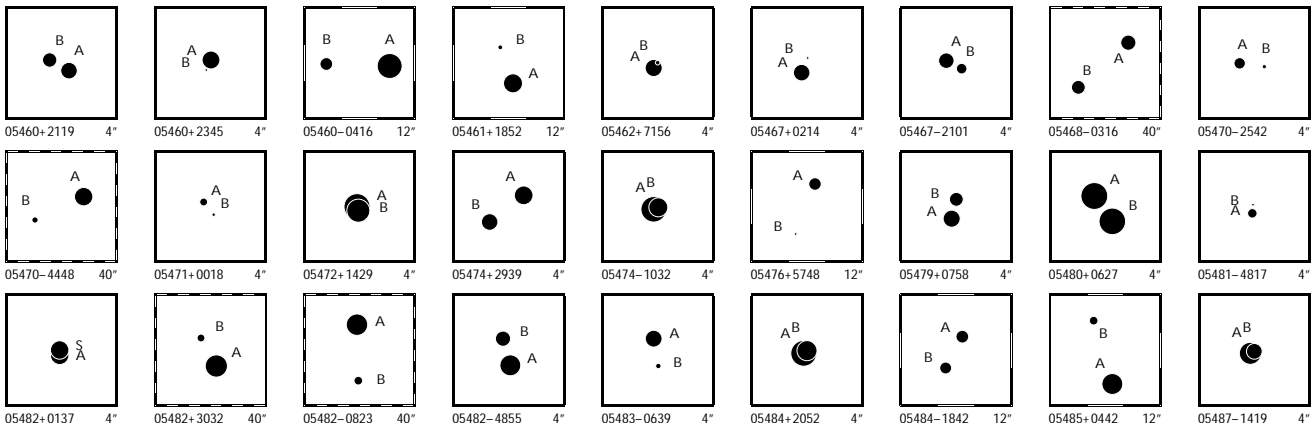
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
05418+4828	1	FCA	A 26827 B 26827	7.978 0.008 10.663 0.096								85.442 112 99 +48.465 534 98 85.441 951 49 +48.465 509 23	3.26 3.26	-5.18 10.91 -5.18 10.91	1.90 1.16 1.36 1.42 1.05 18.06 12.43 1.36 1.42 1.05	A 256	0.40										
05418-5000	1	LCA	A 26830 B 26830	9.423 0.006 9.540 0.007								85.455 125 95 -50.004 452 06 85.455 178 34 -50.004 667 89	18.62 18.62	61.20 75.97 64.50 86.97	1.86 2.81 1.93 1.70 2.67 3.49 3.39 1.93 3.38 4.39	A 171.1	0.786	-0.4	-0.010								
05420+7139	1	ICA	A 26847 B 26851	8.181 0.004 10.182 0.021	8.415 0.007 10.351 0.028	8.113 0.007 9.937 0.030						85.502 952 46 +71.645 758 12 85.510 174 15 +71.643 807 17	2.64 2.38	-0.82 3.75 -1.53 0.13	0.90 1.24 1.31 0.91 1.23 5.81 8.35 4.63 4.76 5.54	A 130.62	10.787	+0.02	+0.002								
05422+1336	1	FCA	A 26861 B 26861	8.870 0.007 11.531 0.012	8.907 0.015	8.803 0.018						85.544 068 48 +13.591 867 79 85.545 745 26 +13.591 590 69	1.36 1.36	-5.05 -3.85 -5.05 -3.85	2.47 1.57 2.49 2.94 1.46 42.00 22.01 2.49 2.94 1.46	A 99.6	5.95										
05423-3727	1	FCA	A 26874 B 26874	8.200 0.010 9.827 0.044								85.585 399 84 -37.458 099 62 85.585 282 41 -37.458 098 46	1.94 1.94	1.79 11.68 1.79 11.68	1.96 1.67 0.94 0.77 0.96 6.66 8.73 0.94 0.77 0.94	A 271	0.34										
05424+7920	1	FNB G	A 26877 B 26878 C 26878	9.051 0.017 9.728 0.023 10.537 0.059	10.108 0.024 9.908 0.024 10.314 0.049	8.948 0.015 9.347 0.025 9.781 0.036						85.593 958 76 +79.331 972 79 85.599 283 13 +79.329 265 47 85.599 733 59 +79.328 676 07	0.70 0.70 0.70	-0.83 -46.52 -0.83 -46.52 -0.83 -46.52	1.35 1.66 1.53 1.20 1.44 4.00 5.31 1.53 1.20 1.44 8.60 11.56 1.53 1.20 1.44	A 159.99	10.37										
05426-1038	1	FCA	A 26894 B 26894	7.452 0.057 8.751 0.188								85.640 669 52 -10.628 821 49 85.640 680 20 -10.628 863 94	2.15 2.15	-6.30 5.12 -6.30 5.12	2.78 4.36 0.93 0.72 0.56 9.99 12.72 0.93 0.72 0.56	A 166	0.16										
05427-6708	1	FCA	A 26904 B 26904	7.723 0.020 10.263 0.212								85.673 554 89 -67.138 761 36 85.673 352 76 -67.138 758 35	12.85 12.85	21.40 -37.51 21.40 -37.51	4.03 1.89 0.84 0.92 1.13 20.22 20.69 0.84 0.92 1.13	A 272	0.28										
05427-7452	1	FCA	B 26900 A 26900	9.603 0.008 9.736 0.009	9.997 0.031 10.098 0.033	9.490 0.030 9.512 0.030						85.663 594 89 -74.859 006 75 85.663 211 05 -74.857 800 65	10.65 10.65	29.43 66.17 29.43 66.17	2.29 2.24 2.08 2.25 3.00 3.57 3.46 2.08 2.25 3.00	B 355.2	4.357										
05428-1822	1	FCA	A 26918 B 26918	8.901 0.042 9.601 0.081								85.710 250 96 -18.361 687 17 85.710 281 30 -18.361 746 09	5.16 5.16	10.04 -6.09 10.04 -6.09	3.04 4.82 1.34 1.16 1.13 5.87 8.06 1.34 1.16 1.13	A 154	0.24										
05429+0536	1	FCA	A 26922 B 26922	9.281 0.011 10.772 0.043								85.714 221 48 +5.603 277 04 85.714 382 48 +5.603 221 13	6.63 6.63	-1.78 -6.53 -1.78 -6.53	3.54 2.23 3.20 2.79 2.04 13.13 9.21 3.20 2.79 2.04	A 109	0.61										
05429-0648	1	FCA	A 26926 B 26926	6.513 0.140 7.243 0.274								85.724 627 27 -6.796 309 46 85.724 593 16 -6.796 325 58	19.94 19.94	12.26 60.59 12.26 60.59	8.21 5.25 0.83 0.80 0.49 22.22 11.53 0.83 0.80 0.49	A 245	0.14										
05430+7359	1	FCA	A 26940 B 26940	6.887 0.003 10.432 0.052								85.753 132 07 +73.985 768 60 85.752 680 79 +73.985 980 06	6.45 6.45	-8.08 11.57 -8.08 11.57	0.46 0.55 0.67 0.47 0.56 10.64 13.07 0.67 0.47 0.56	A 330	0.88										
05430-0219	1	FCC	A 26939 B 26939	8.353 0.019 11.892 0.502								85.752 375 44 -2.312 613 04 85.752 385 18 -2.312 709 80	5.02 5.02	7.16 4.35 7.16 4.35	2.31 4.50 1.89 1.75 1.01 67.12 53.00 1.89 1.75 1.01	A 174	0.35										
05431+2522	1	FCA	A 26947 B 26947	8.509 0.007 9.793 0.023	8.629 0.020	8.465 0.023						85.763 274 51 +25.363 284 54 85.764 087 12 +25.363 182 87	9.40 9.40	2.80 -19.66 2.80 -19.66	2.10 1.35 2.23 2.14 1.42 8.16 6.36 2.23 2.14 1.42	A 97.9	2.67										
05431-3516	1	FND D	A 26948 B 26948	9.705 0.020 13.915 0.899	10.319 0.029	9.637 0.025						85.770 313 86 -35.267 030 22 85.769 771 29 -35.267 042 08	9.47 9.47	-3.90 -73.96 -3.90 -73.96	1.50 1.67 1.83 1.55 1.81 134.40 167.56 1.83 1.55 1.81	A 206	3.65										
05433+4107	1	FFD D	A 26961 B 26960	7.473 0.014 10.320 0.163	7.463 0.009	7.431 0.010						85.821 535 22 +41.122 879 41 85.817 606 59 +41.118 518 99	5.18 5.18	-5.91 -2.58 -5.91 -2.58	2.81 2.04 2.36 3.07 2.17 36.59 29.32 2.36 3.07 2.17	A 214.2	18.97										
05435+1642	1	FCA	A 26980 B 26980	8.595 0.027 9.545 0.064								85.873 692 77 +16.698 373 58 85.873 736 58 +16.698 323 21	3.59 3.59	-5.20 -6.26 -5.20 -6.26	6.16 5.20 1.67 2.66 1.87 14.22 11.97 1.67 2.66 1.87	A 140	0.24										
05436+1300	1	FCA	A 26991 B 26991	8.895 0.006 9.337 0.008								85.900 344 35 +12.995 651 68 85.900 128 31 +12.995 574 31	0.95 0.95	-11.31 -7.52 -11.31 -7.52	3.30 1.87 3.11 3.16 1.76 5.85 3.48 3.11 3.16 1.76	A 249.8	0.81										
05436+6633	1	FNB G	A 26989 B 26989 C 26989	9.548 0.349 9.896 0.485 10.076 0.022	9.948 0.022	9.617 0.028						85.894 810 47 +66.544 683 52 85.894 877 39 +66.544 650 54 85.893 396 60 +66.544 453 58	4.92 4.92 4.92	-5.29 -3.90 -5.29 -3.90 -5.29 -3.90	7.88 9.88 2.02 1.26 1.36 14.34 18.81 2.02 1.26 1.36 7.51 9.41 2.02 1.26 1.36	A 141	0.15										
		2 FCB	D 27000 E 27000	11.113 0.082 12.394 0.266								85.919 815 37 +66.548 463 13 85.919 920 15 +66.548 533 90	3.58 3.58	3.67 -14.23 3.67 -14.23	7.03 9.53 4.53 2.78 3.08 41.20 52.09 4.53 2.78 3.08	D 313	0.30										
05438+0103	1	FCA	A 27013 S 27013	9.391 0.056 10.139 0.111								85.950 270 10 +1.053 843 91 85.950 345 85 +1.053 827 11	4.73 4.73	6.65 -1.58 6.65 -1.58	8.50 3.12 1.59 1.90 1.27 14.95 6.95 1.59 1.90 1.27	A 103	0.28										
05438-0615	1	FFD X	A 27008 B 27008	12.578 0.037 12.996 0.054								85.937 872 90 -6.244 553 18 85.937 906 05 -6.244 640 13	5.36 5.36	38.43 -4.37 38.43 -4.37	11.12 9.70 7.20 6.28 4.41 20.03 15.21 7.20 6.28 4.41	A 159	0.33										
05441+3056	1	FCA	A 27040 B 27040	8.427 0.004 9.905 0.016	8.618 0.012 10.268 0.183	8.377 0.014 9.873 0.176						86.021 468 77 +30.933 826 40 86.021 385 04 +30.932 932 50	-0.24 -0.24	-0.08 -3.00 -0.08 -3.00	1.60 0.98 1.58 1.48 0.88 6.75 3.52 1.58 1.48 0.88	A 184.6	3.228										
05441-1934	1	FCA	A 27043 B 27043	8.228 0.105 8.930 0.200								86.026 232 82 -19.570 620 37 86.026 221 40 -19.570 663 50	5.56 5.56	7.12 -62.35 7.12 -62.35	4.35 8.62 0.91 0.84 0.75 8.29 12.84 0.91 0.84 0.75	A 194	0.16										
05442+0058	1	FCC	A 27053 B 27053	9.382 0.605 9.566 0.717								86.051 518 59 +0.958 289 62 86.051 520 61 +0.958 321 14	0.81 0.81	0.80 -4.68 0.80 -4.68	10.45 38.48 1.25 1.28 0.92 13.05 30.45 1.25 1.28 0.92	A 4	0.11										
05444+2744	1	FCA	A 27063 B 27063	7.499 0.006 10.257 0.059	7.541 0.009 10.107 0.059	7.493 0.010 9.785 0.069						86.088 175 23 +27.731 480 79 86.085 592 01 +27.730 816 88	0.52 0.52	-0.40 -0.26 -0.40 -0.26	1.62 1.04 1.63 1.91 1.27 23.40 15.31 1.63 1.91 1.27	A 253.8	8.57										



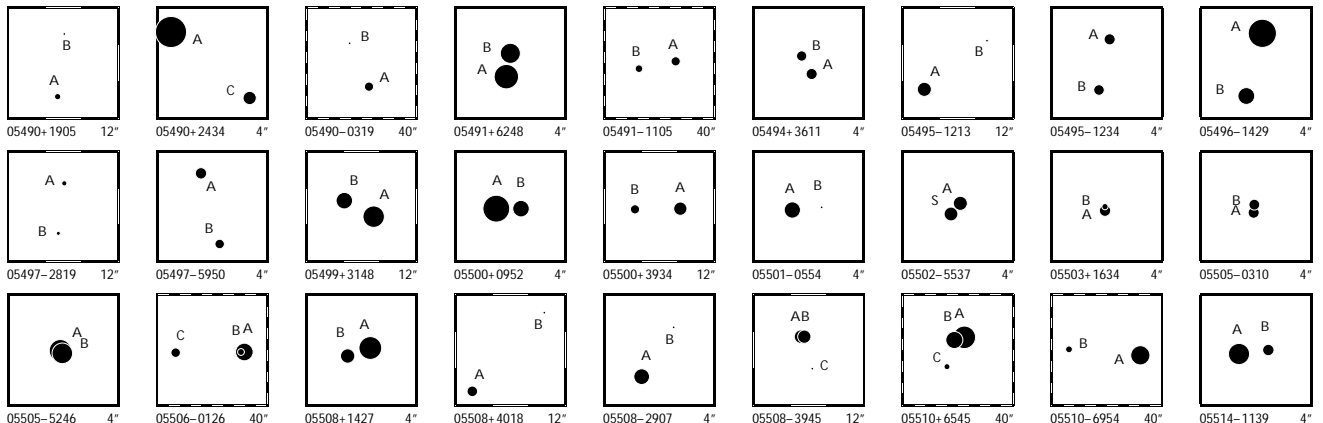
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05444+3210	1	F C B	A 27066 B 27066	11.509 0.060 13.056 0.248							86.096 233 67 +32.173 425 23 86.096 244 00 +32.173 497 48	1.13 1.13	-3.34 2.57 -3.34 2.57	6.20 8.84 3.50 5.05 2.58 43.67 39.97 3.50 5.05 2.58	A 7 0.26										
05444+4024	1	F F D	A 27067 B 27070	8.437 0.063 9.691 0.161	8.955 0.029 11.097 0.108	8.331 0.026 9.941 0.067					86.102 812 16 +40.404 887 57 86.110 189 89 +40.407 556 05	19.06 19.06	21.52 -84.80 21.52 -84.80	2.35 1.79 2.02 2.64 1.88 79.57 43.96 2.02 2.64 1.88	A 64.6 22.39										
05445+1504	1	L C A	A 27078 B 27078	7.702 0.006 8.383 0.011							86.130 599 21 +15.063 563 37 86.130 711 37 +15.063 500 82	3.55 3.55	0.37 -24.74 -5.37 -21.40	2.39 1.67 1.73 1.84 1.17 5.79 4.30 1.73 3.41 2.47	A 120 0.450 0 -0.007										
05445+2714	1	F C B	A 27071 B 27071	9.445 0.012 12.574 0.212	9.476 0.023	9.377 0.029					86.115 525 06 +27.229 921 08 86.116 551 51 +27.229 350 34	-1.39 -1.39	-2.47 -6.15 -2.47 -6.15	2.87 1.88 2.77 3.51 2.32 71.07 53.98 2.77 3.51 2.32	A 122 3.88										
05445-0255	1	F C A	A 27074 B 27074	9.512 0.101 10.887 0.359							86.117 284 61 -2.911 789 66 86.117 266 42 -2.911 839 89	2.59 2.59	3.14 -21.99 3.14 -21.99	8.57 9.21 2.51 2.86 1.95 29.20 30.73 2.51 2.86 1.95	A 200 0.19										
05445-0745	1	F C A	A 27082 B 27082	8.180 0.004 10.740 0.040	8.238 0.008 10.199 0.072	8.155 0.010 9.814 0.090					86.137 152 89 -7.742 936 22 86.137 066 59 -7.743 525 21	4.81 4.81	-7.78 -5.13 -7.78 -5.13	1.13 0.87 1.40 1.29 0.86 12.66 9.16 1.40 1.29 0.86	A 188.3 2.14										
05446+2901	1	F C A	A 27088 B 27088	8.043 0.006 10.464 0.056	8.084 0.015 11.107 0.140	8.041 0.018 10.037 0.088					86.157 267 43 +29.016 605 31 86.157 293 82 +29.018 975 43	-0.53 -0.53	-2.29 -3.54 -2.29 -3.54	1.55 1.20 1.58 2.29 1.59 17.95 10.19 1.58 2.29 1.59	A 0.6 8.53										
05447+0350	1	F C A	A 27093 B 27093	7.660 0.004 10.049 0.034	7.623 0.008	7.614 0.009					86.181 075 25 +3.831 426 32 86.183 153 09 +3.831 459 03	6.44 6.44	-8.41 -6.36 -8.41 -6.36	1.70 1.35 1.47 1.80 1.28 12.86 8.44 1.47 1.80 1.28	A 89.1 7.46										
05447+3118	1	F C A	A 27092 B 27092	8.982 0.007 9.533 0.011							86.173 673 42 +31.305 768 76 86.173 957 88 +31.305 746 02	4.47 4.47	-16.12 -7.17 -16.12 -7.17	2.75 1.66 2.81 2.90 1.45 4.43 3.29 2.81 2.90 1.45	A 95.3 0.879										
05449+0915	1	F F C	A 27111 B 27111	11.862 0.015 12.841 0.034							86.236 525 11 +9.243 791 11 86.236 573 37 +9.243 532 77	44.67 44.67	38.91 -703.76 38.91 -703.76	17.84 11.46 14.98 17.60 10.43 98.84 34.37 14.98 17.60 10.43	A 170 0.95										
05449+2621	1	F C A	A 27110 B 27110	7.905 0.017 8.345 0.026							86.231 492 58 +26.342 389 36 86.231 503 75 +26.342 466 04	3.07 3.07	-3.74 -8.85 -3.74 -8.85	1.84 2.56 1.16 1.47 1.02 3.07 3.64 1.16 1.47 1.02	A 7 0.278										
05449+3735	1	F C A	A 27105 B 27105	8.855 0.006 10.752 0.032							86.215 414 26 +37.576 365 52 86.215 186 10 +37.576 234 68	7.78 7.78	-4.75 -54.69 -4.75 -54.69	2.55 1.81 2.42 2.62 1.70 21.66 14.96 2.42 2.62 1.70	A 234 0.80										
05449+5543	1	F C A	A 27108 B 27108	9.281 0.007 10.243 0.017	9.178 0.015	9.007 0.017					86.230 618 89 +55.715 349 56 86.231 222 76 +55.715 246 71	-0.11 -0.11	-2.72 -2.44 -2.72 -2.44	1.93 1.64 2.36 1.85 1.27 7.49 4.85 2.36 1.85 1.27	A 106.8 1.28										
05452+2425	1	F C B	A 27135 B 27135	8.918 0.151 9.200 0.195							86.307 204 52 +24.420 133 77 86.307 156 30 +24.420 151 30	1.12 1.12	3.46 -5.97 3.46 -5.97	18.83 7.81 1.32 1.50 1.01 20.72 10.10 1.32 1.50 1.01	A 292 0.17										
05452-0958	1	F C A	A 27136 B 27136	9.195 0.004 11.631 0.034							86.308 931 24 -9.974 049 05 86.308 696 97 -9.974 062 40	1.64 1.64	0.21 -9.45 0.21 -9.45	1.30 0.98 1.35 1.20 0.90 9.10 9.22 1.35 1.20 0.90	A 267 0.83										
05452-5057	1	F C A	A 27131 B 27131	9.493 0.254 9.822 0.344							86.298 923 60 -50.949 829 43 86.298 870 82 -50.949 811 44	2.42 2.42	-7.79 18.21 -7.79 18.21	15.11 13.16 0.79 0.80 0.98 18.35 16.42 0.79 0.80 0.98	A 298 0.14										
05453+3542	1	F C A	A 27144 B 27144	8.879 0.227 9.358 0.353							86.320 647 54 +35.694 974 00 86.320 651 99 +35.694 932 68	3.39 3.39	0.99 -14.89 0.99 -14.89	7.41 19.36 1.34 1.42 0.89 11.27 19.40 1.34 1.42 0.89	A 175 0.15										
05453-2955	1	F C A	A 27148 B 27148	9.423 0.006 11.501 0.039							86.330 400 76 -29.910 891 72 86.330 440 45 -29.910 680 79	5.13 5.13	-0.01 -3.10 -0.01 -3.10	1.17 1.47 1.59 1.21 1.59 11.53 10.28 1.59 1.21 1.59	A 9 0.77										
05453-5543	1	F C A	A 27139 B 27139	8.426 0.005 10.777 0.042	8.819 0.013 11.721 0.135	8.358 0.013 10.673 0.087					86.312 934 22 -55.724 699 58 86.309 945 97 -55.723 431 74	11.21 11.21	-20.20 -25.74 -20.20 -25.74	0.90 1.00 0.91 0.95 1.25 11.33 10.89 0.91 0.95 1.25	A 307.0 7.59										
05454+1247	1	F C A	A 27153 B 27153	8.132 0.009 8.633 0.014							86.344 122 03 +12.789 350 71 86.344 047 08 +12.789 422 65	5.89 5.89	4.02 -10.17 4.02 -10.17	2.76 1.94 2.12 2.70 1.52 4.65 2.83 2.12 2.70 1.52	A 315 0.369										
05455+5320	1	F C A	A 27162 B 27162	8.250 0.005 10.323 0.031	8.527 0.011 10.450 0.088	8.163 0.011 9.997 0.104					86.369 542 52 +53.327 198 07 86.369 715 51 +53.326 105 80	5.66 5.66	-11.47 1.13 -11.47 1.13	1.42 0.99 1.45 1.55 1.04 9.36 8.32 1.45 1.55 1.04	A 174.6 3.95										
05456+3010	1	F C B	A 27179 B 27179	8.601 0.014 10.488 0.078	8.588 0.014	8.565 0.018					86.402 205 61 +30.167 730 83 86.400 663 38 +30.167 428 84	0.31 0.31	-1.18 -3.40 -1.18 -3.40	3.01 2.03 2.79 3.54 2.48 31.07 19.24 2.79 3.54 2.48	A 257.2 4.92										
05456-4723	1	F C A	A 27174 B 27174	8.627 0.005 10.372 0.022	9.032 0.012 10.265 0.065	8.514 0.012 9.734 0.103					86.394 442 92 -47.382 462 32 86.393 751 53 -47.382 169 90	10.65 10.65	18.92 -5.87 18.92 -5.87	1.05 1.03 1.03 1.03 0.99 6.29 6.49 1.03 1.03 0.99	A 302.0 1.99										
05459+2413	1	F C B	A 27200 B 27200	8.462 0.350 9.132 0.649							86.485 790 29 +24.224 954 70 86.485 803 75 +24.224 924 57	3.25 3.25	-5.09 -9.03 -5.09 -9.03	10.65 17.97 1.18 1.34 0.90 32.36 32.86 1.18 1.34 0.90	A 158 0.12										
05459+3343	1	F C A	A 27198 B 27198	9.471 0.007 11.244 0.036	9.506 0.018	9.406 0.023					86.478 948 53 +33.719 329 25 86.476 179 47 +33.718 500 17	-0.59 -0.59	2.50 -8.45 2.50 -8.45	2.61 1.67 2.70 2.53 1.46 21.08 10.24 2.70 2.53 1.46	A 250.2 8.81										
05459+3726	1	F F C	A 27195 B 27194	8.981 0.007 12.293 0.103	10.194 0.044	8.969 0.026					86.473 004 56 +37.430 149 57 86.465 031 06 +37.426 907 75	5.68 5.68	-7.15 -4.65 -7.15 -4.65	3.42 2.22 2.91 3.20 1.93 208.68 115.83 2.91 3.20 1.93	A 242.9 25.61										
05459-3703	1	F C A	A 27201 B 27201	9.559 0.013 12.418 0.183							86.488 101 80 -37.042 332 11 86.487 972 44 -37.042 331 96	9.03 9.03	163.26 107.69 163.26 107.69	2.81 1.83 1.61 1.45 1.51 31.46 30.54 1.61 1.45 1.51	A 270 0.37										



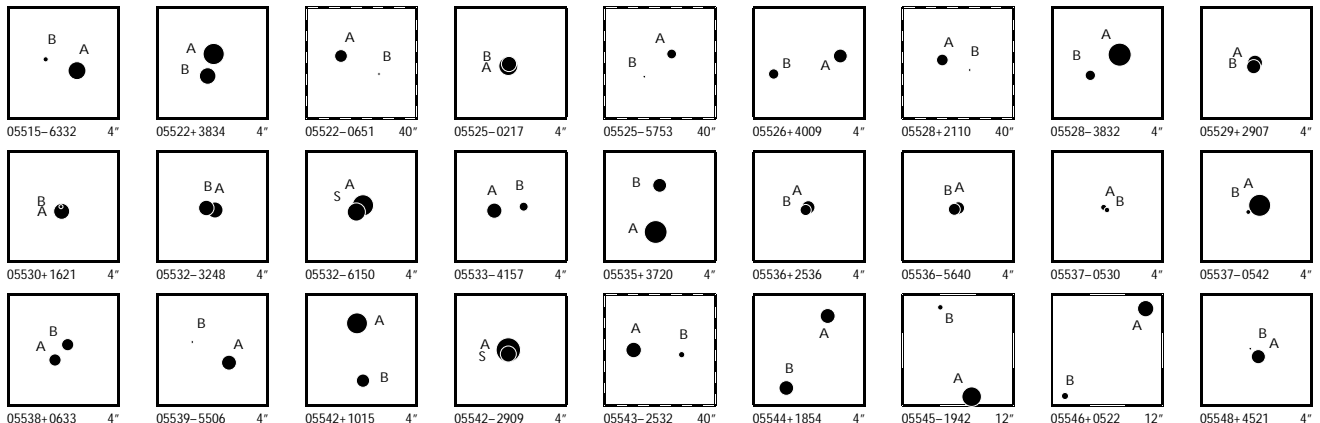
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05460+2119	1	F CA	A 27205 B 27205	8.324 0.006 8.838 0.009				86.503 342 51 86.503 558 70	+21.317 904 49 +21.318 018 60	5.91 5.91	1.05 -41.14 1.05 -41.14	1.78 1.19 1.57 2.10 1.42 3.74 3.10 1.57 2.10 1.42	A	60.5	0.833											
05460+2345	1	F CB	A 27203 B 27203	8.024 0.006 11.579 0.063				86.494 315 43 86.494 364 49	+23.747 474 71 +23.747 362 60	2.51 2.51	6.85 -21.10 6.85 -21.10	1.78 1.40 1.42 1.95 1.25 55.63 39.80 1.42 1.95 1.25	A	158	0.43											
05460-0416	1	F CA	A 27212 B 27212	6.489 0.003 9.202 0.034	7.690 0.008 9.595 0.029	6.424 0.006 8.980 0.026		86.511 928 13 86.513 875 78	-4.268 318 21 -4.268 266 83	8.78 8.78	9.51 -68.35 9.51 -68.35	0.77 0.57 0.87 0.79 0.59 7.42 6.40 0.87 0.79 0.59	A	88.5	6.99											
05461+1852	1	F CA	A 27218 B 27218	7.771 0.005 10.906 0.088	8.178 0.013 7.694 0.012			86.535 131 76 86.535 555 05	+18.860 601 57 +18.861 691 00	5.08 5.08	8.41 -9.01 8.41 -9.01	1.51 1.06 1.50 1.68 1.16 23.20 15.41 1.50 1.68 1.16	A	20.2	4.18											
05462+7156	1	F CB	A 27223 B 27223	8.201 0.033 10.959 0.412				86.548 107 33 86.547 976 89	+71.933 785 56 +71.933 834 98	5.66 5.66	0.57 13.40 0.57 13.40	4.27 3.73 1.13 0.67 1.00 32.00 32.48 1.13 0.67 1.00	A	321	0.23											
05467+0214	1	F CA	A 27258 B 27258	8.319 0.005 11.662 0.090				86.672 264 34 86.672 200 41	+2.240 853 19 +2.241 008 79	1.33 1.33	3.72 0.07 3.72 0.07	1.58 1.26 1.43 1.84 1.30 37.60 24.66 1.43 1.84 1.30	A	338	0.61											
05467-2101	1	F CA	A 27256 B 27256	8.556 0.004 9.680 0.011				86.662 996 50 86.662 827 25	-21.022 257 28 -21.022 343 79	10.84 10.84	20.65 -33.57 20.65 -33.57	1.12 1.10 1.54 1.57 1.23 3.30 3.48 1.54 1.57 1.23	A	241.3	0.648											
05468-0316	1	I CC	A 27269 B 27273	8.664 0.012 8.946 0.013	9.794 0.035 9.297 0.023	8.596 0.022 8.824 0.022		86.693 955 31 86.699 110 08	-3.260 099 97 -3.264 659 72	10.77 3.88	-9.49 -2.75 -2.05 10.27	5.95 3.74 3.24 4.23 2.52 4.89 3.39 3.83 5.06 3.33	A	131.54	24.75 -0.03 0.00											
05470-2542	1	F CA	A 27292 B 27292	9.500 0.009 11.039 0.035				86.746 777 95 86.746 492 80	-25.706 715 02 -25.706 748 63	7.97 7.97	5.37 9.59 5.37 9.59	1.41 1.66 2.20 1.60 1.84 7.10 8.63 2.20 1.60 1.84	A	263	0.93											
05470-4448	1	I CA	A 27294 B 27297	7.927 0.012 10.627 0.120	8.068 0.009 10.779 0.046	7.877 0.010 10.066 0.039		86.751 771 63 86.758 911 45	-44.800 203 89 -44.802 596 58	7.96 -1.16	-7.66 -18.74 -5.47 -36.24	1.34 1.32 1.17 1.41 1.36 42.96 40.56 15.59 28.44 26.40	A	115.3	20.17 0.0 0.01											
05471+0018	1	F CA P	A 27309 B 27309	10.236 0.017 11.198 0.037				86.782 970 87 86.782 868 66	+0.298 950 46 +0.298 825 75	5.70 5.70	-4.72 2.42 -4.72 2.42	5.90 5.06 4.95 6.18 4.87 22.31 15.56 4.95 6.18 4.87	A	219	0.58											
05472+1429	1	F CA	A 27316 B 27316	6.229 0.038 6.870 0.069				86.804 793 62 86.804 782 90	+14.488 439 46 +14.488 397 56	7.72 7.72	3.84 -42.30 3.84 -42.30	3.02 3.05 0.93 0.88 0.55 5.37 4.76 0.93 0.88 0.55	A	194	0.155											
05474+2939	1	L CA	A 27336 B 27336	7.874 0.007 8.312 0.011	8.233 0.031 8.558 0.041	7.651 0.022 8.034 0.034		86.853 525 75 86.853 920 69	+29.657 864 75 +29.657 583 53	12.21 12.21	-10.58 -124.13 0.46 -121.86	1.98 1.46 1.88 2.22 1.44 4.74 3.33 1.88 3.77 2.75	A	129.3	1.597 -0.3 +0.007											
05474-1032	1	F CA D	A 27341 B 27341	6.343 0.045 7.791 0.170				86.862 083 17 86.862 037 99	-10.532 921 05 -10.532 900 35	4.99 4.99	-11.46 -16.97 -11.46 -16.97	3.87 3.54 1.04 0.97 0.70 16.32 15.47 1.04 0.97 0.70	A	295	0.18											
05476+5748	1	FND D	A 27350 B 27350	9.221 0.009 13.276 0.380	9.532 0.018 9.148 0.019			86.891 723 68 86.892 851 68	+57.801 987 07 +57.800 443 27	3.40 3.40	11.08 -25.20 11.08 -25.20	1.92 1.84 1.86 1.91 1.44 106.88 78.56 1.86 1.91 1.44	A	159	5.96											
05479+0758	1	F CA	A 27377 B 27377	8.202 0.004 8.921 0.007				86.978 743 48 86.978 693 43	+7.960 418 06 +7.960 612 92	9.68 9.68	-37.20 -7.06 -37.20 -7.06	1.83 1.22 1.81 1.93 1.25 3.52 2.05 1.81 1.93 1.25	A	345.7	0.724											
05480+0627	1	L CA	A 27386 B 27386	6.043 0.007 6.109 0.007				87.000 966 00 87.000 774 87	+6.454 210 20 +6.453 950 11	6.80 6.80	4.05 -22.20 7.83 -15.75	1.62 1.05 1.38 1.38 0.97 3.85 2.14 1.38 2.62 1.25	A	216.1	1.159 0.0 -0.007											
05481-4817	1	F CB	A 27393 B 27393	9.879 0.035 12.325 0.329				87.016 947 04 87.016 932 47	-48.276 598 79 -48.276 507 13	1.88 1.88	3.23 33.74 3.23 33.74	2.95 5.89 1.54 1.56 1.88 37.25 50.65 1.54 1.56 1.88	A	354	0.33											
05482+0137	1	F CA	A 27410 S 27410	7.907 0.053 7.929 0.054				87.061 050 91 87.061 053 24	+1.609 723 74 +1.609 779 35	4.19 4.19	6.97 -16.53 6.97 -16.53	2.40 5.41 1.13 1.43 1.08 3.02 5.72 1.13 1.43 1.08	A	2	0.200											
05482+3032	1	F CA	A 27404 B 27404	7.102 0.005 10.230 0.080	8.866 0.017 10.571 0.079	7.108 0.008 10.011 0.082		87.047 749 51 87.049 659 42	+30.535 246 01 +30.538 048 31	2.16 2.16	6.32 -19.87 6.32 -19.87	1.16 0.87 1.04 1.64 1.16 20.30 14.01 1.04 1.64 1.16	A	30.4	11.70											
05482-0823	1	I CA	A 27402 B 27401	7.270 0.013 10.061 0.132	7.156 0.007 9.843 0.026	7.271 0.007 9.487 0.026		87.043 430 63 87.043 271 44	-8.383 632 07 -8.389 415 03	3.63 -8.37	-0.13 -0.97 -9.76 8.89	1.41 1.04 1.35 1.31 0.89 61.66 33.21 23.43 21.77 15.15	A	181.6	20.83 0.0 -0.01											
05482-4855	1	F CA	A 27408 B 27408	7.354 0.004 8.640 0.012				87.055 301 49 87.055 423 58	-48.918 566 03 -48.918 292 84	4.07 4.07	-11.04 9.70 -11.04 9.70	0.80 0.77 0.81 0.82 0.85 3.23 3.38 0.81 0.82 0.85	A	16.4	1.025											
05483-0639	1	F CA	A 27418 B 27418	8.254 0.004 10.797 0.034	8.423 0.009 8.158 0.010			87.084 975 79 87.084 932 07	-6.645 825 77 -6.646 112 53	5.73 5.73	1.20 0.16 1.20 0.16	1.07 0.78 1.40 1.06 0.77 9.38 7.56 1.40 1.06 0.77	A	188.6	1.04											
05484+2052	1	F CA	A 27421 B 27421	6.317 0.108 7.572 0.343				87.093 185 45 87.093 152 44	+20.869 518 76 +20.869 541 05	5.48 5.48	8.19 -17.88 8.19 -17.88	8.23 4.86 0.88 0.96 0.68 35.06 26.18 0.88 0.96 0.68	A	306	0.14											
05484-1842	1	F CA	A 27424 B 27424	9.154 0.006 9.340 0.007	9.000 0.013 9.356 0.025	8.926 0.017 9.220 0.032		87.106 062 05 87.106 579 93	-18.703 521 22 -18.704 463 76	3.34 3.34	-11.06 1.69 -11.06 1.69	2.38 1.93 2.43 2.58 1.70 3.52 4.23 2.43 2.58 1.70	A	152.5	3.825											
05485+0442	1	F CA	A 27427 B 27427	7.382 0.005 10.059 0.055	7.367 0.007 10.248 0.047	7.369 0.010 9.764 0.045		87.117 587 16 87.118 166 52	+4.703 958 78 +4.705 904 64	4.74 4.74	-6.40 -6.38 -6.40 -6.38	1.56 1.11 1.19 1.57 1.14 14.00 11.14 1.19 1.57 1.14	A	16.5	7.31											
05487-1419	1	F CB	A 27444 B 27444	7.162 0.133 8.549 0.476				87.165 354 95 87.165 319 72	-14.314 353 36 -14.314 337 11	6.12 6.12	-7.55 -0.95 -7.55 -0.95	8.24 3.68 0.88 0.65 0.56 27.56 23.90 0.88 0.65 0.56	A	295	0.14											



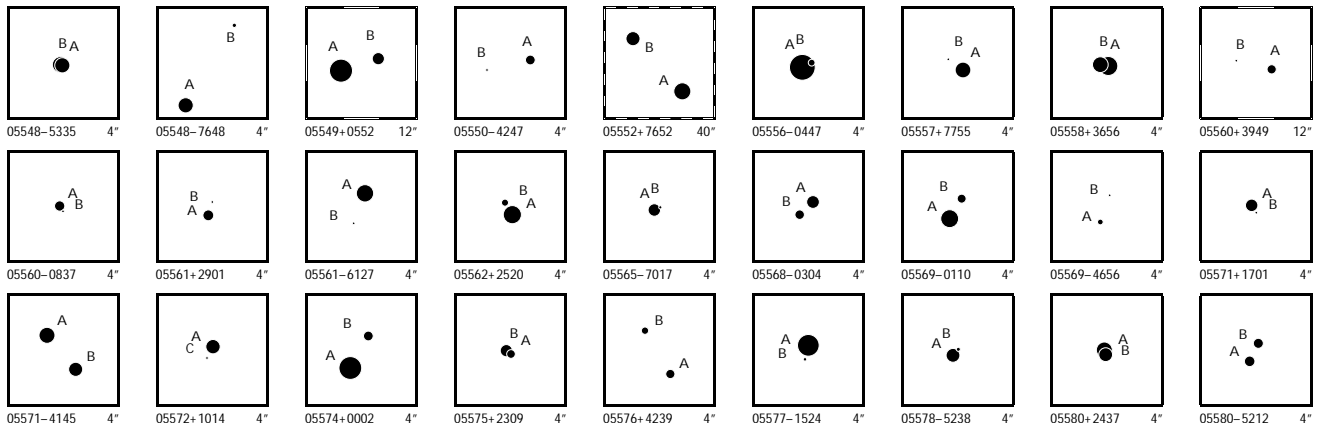
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05490+1905	1	F CA	Y	A 27465 B 27465	10.643 0.015 12.373 0.067	10.647 0.060	10.662 0.101	87.244 492 18 +19.076 788 73 87.244 268 46 +19.078 726 56	3.32 3.32	3.57 1.17 3.57 1.17	5.96 3.60 5.24 6.16 3.28 37.75 18.74 5.24 6.16 3.28	A 353.8 7.02													
05490+2434	1	F NC	C	A 27468 C 27468	5.071 0.012 9.089 0.466	6.187 0.004	5.001 0.004	87.253 997 77 +24.567 554 73 87.253 117 32 +24.566 876 32	6.25 6.25	12.07 -8.16 12.07 -8.16	1.37 0.93 1.29 1.42 1.01 89.25 63.37 1.29 1.42 1.01	A 230 3.78													
05490-0319	1	F ND	D	A 27466 B 27467	9.934 0.038 12.453 0.342	10.193 0.044	9.817 0.047	87.250 952 95 -3.311 289 46 87.252 938 70 -3.306 872 37	-0.37 -0.37	11.73 -41.24 11.73 -41.24	4.54 4.23 4.18 4.35 3.88 99.67 79.06 4.18 4.35 3.88	A 24.2 17.43													
05491+6248	1	L CA	A	A 27472 B 27472	6.593 0.003 7.571 0.007	87.269 487 86 +62.808 195 75 87.269 382 46 +62.808 430 15	7.91 7.91	-18.84 -2.37 -26.72 -6.29	0.78 0.80 0.92 0.79 0.69 2.08 2.14 0.92 1.80 1.23	A 348.4 0.861 -0.6 -0.002															
05491-1105	1	F CA	A	A 27477 B 27477	9.941 0.019 10.325 0.023	9.977 0.033	9.676 0.037	87.277 983 05 -11.082 792 52 87.281 775 24 -11.083 520 20	8.76 8.76	-6.07 6.86 -6.07 6.86	2.94 2.91 3.70 3.27 3.01 8.03 7.93 3.70 3.27 3.01	A 101.06 13.65													
05494+3611	1	F CA	A	A 27503 B 27503	9.521 0.007 9.749 0.009	87.356 387 87 +36.182 541 20 87.356 518 25 +36.182 727 15	8.81 8.81	-2.83 -36.24 -2.83 -36.24	3.17 2.34 2.88 3.27 2.07 5.26 3.53 2.88 3.27 2.07	A 29.5 0.769															
05495-1213	1	F CB	A	A 27509 B 27509	8.856 0.010 12.420 0.251	10.043 0.030	8.781 0.018	87.383 663 54 -12.224 946 93 87.381 686 90 -12.223 458 90	3.65 3.65	0.72 -5.79 0.72 -5.79	1.64 1.51 2.15 1.59 1.44 55.80 56.64 2.15 1.59 1.44	A 307.6 8.78													
05495-1234	1	F CA	A	A 27506 B 27506	9.527 0.007 9.663 0.008	9.360 0.017	9.281 0.021	87.364 625 58 -12.559 084 89 87.364 737 41 -12.559 605 56	-0.40 -0.40	-0.58 6.70 -0.58 6.70	2.74 2.55 2.92 2.25 2.61 4.11 3.32 2.92 2.25 2.61	A 168.2 1.915													
05496-1429	1	F CA	A	A 27517 B 27517	5.748 0.002 8.263 0.023	6.719 0.005	5.684 0.003	87.402 311 90 -14.483 549 87 87.402 476 96 -14.484 190 51	10.51 10.51	-20.98 -47.58 -20.98 -47.58	0.69 0.60 0.93 0.73 0.61 5.25 6.41 0.93 0.73 0.61	A 166.0 2.38													
05497-2819	1	F CA	A	A 27526 B 27526	10.887 0.012 11.105 0.015	11.209 0.049	10.713 0.051	87.431 561 12 -28.320 386 96 87.431 737 83 -28.321 924 74	2.59 2.59	-11.84 -27.33 -11.84 -27.33	2.93 4.91 4.93 3.01 5.68 6.77 10.31 4.93 3.01 5.68	A 173.1 5.58													
05497-5950	1	F CA	A	A 27524 B 27524	9.473 0.006 9.873 0.009	9.738 0.025	9.256 0.024	87.421 913 50 -59.839 318 87 87.421 539 04 -59.840 042 30	7.07 7.07	4.67 28.41 4.67 28.41	1.65 1.60 1.52 1.63 1.59 3.26 4.13 1.52 1.63 1.59	A 194.6 2.691													
05499+3148	1	F CA	A	A 27538 B 27538	7.269 0.005 8.366 0.012	7.372 0.011	7.205 0.016	87.481 383 14 +31.785 745 00 87.482 461 94 +31.786 229 99	7.06 7.06	10.56 -16.42 10.56 -16.42	1.31 0.93 1.23 1.63 1.22 4.76 3.16 1.23 1.63 1.22	A 62.1 3.734													
05500+0952	1	L CA	A	A 27549 B 27549	6.076 0.002 8.313 0.017	87.511 152 93 +9.871 222 24 87.510 890 27 +9.871 213 32	9.77 9.77	14.82 -1.68 6.59 -6.18	0.92 0.66 0.88 0.78 0.59 4.86 4.01 0.88 3.40 2.37	A 268.0 0.932 -0.3 +0.008															
05500+3934	1	F CA	A	A 27553 B 27553	9.043 0.007 9.930 0.016	9.048 0.033	8.958 0.040	87.514 189 71 +39.576 298 44 87.515 986 71 +39.576 281 61	3.01 3.01	-4.72 -2.02 -4.72 -2.02	2.14 1.42 2.08 2.41 1.45 6.84 4.76 2.08 2.41 1.45	A 90.7 4.99													
05501-0554	1	F CA	A	A 27552 B 27552	8.396 0.006 11.489 0.087	9.441 0.018	8.294 0.012	87.513 671 75 -5.898 076 90 87.513 371 18 -5.898 042 29	5.65 5.65	-7.20 -30.25 -7.20 -30.25	1.65 1.27 1.70 1.57 1.32 37.33 28.98 1.70 1.57 1.32	A 277 1.08													
05502-5537	1	F CA	A	A 27556 S 27556	8.900 0.006 8.936 0.006	87.540 548 69 -56.614 355 00 87.540 716 40 -56.614 459 66	6.49 6.49	14.71 -18.58 14.71 -18.58	2.10 2.03 1.40 1.77 1.89 2.43 2.50 1.40 1.77 1.89	A 137.9 0.508															
05503+1634	1	F CA	A	A 27567 B 27567	9.450 0.103 10.596 0.295	87.573 946 45 +16.572 287 41 87.573 946 41 +16.572 326 91	1.66 1.66	4.37 -10.13 4.37 -10.13	5.95 7.46 1.51 1.90 0.92 16.67 18.13 1.51 1.90 0.92	A 360 0.14															
05505-0310	1	F CA	A	A 27589 B 27589	9.525 0.026 9.574 0.027	87.633 772 48 -3.168 031 56 87.633 763 83 -3.167 949 79	4.89 4.89	-10.46 -6.50 -10.46 -6.50	3.75 4.30 1.75 1.63 1.42 3.76 4.42 1.75 1.63 1.42	A 354 0.296															
05505-5246	1	F CA	A	A 27583 B 27583	7.059 0.119 7.411 0.164	87.620 133 49 -52.767 892 61 87.620 101 41 -52.767 922 70	3.69 3.69	-7.54 10.65 -7.54 10.65	5.61 6.87 0.51 0.48 0.52 6.53 7.72 0.51 0.48 0.52	A 213 0.13															
05506-0126	1	L ND	X	A 27600 C 27604 B 27600	8.108 0.038 9.895 0.157 10.518 0.135	9.283 0.027	7.983 0.017	87.657 605 37 -1.429 437 95 87.664 640 36 -1.429 547 55 87.657 904 29 -1.429 460 82	5.52 5.52 5.52	18.41 -28.92 -3.56 65.47 13.30 -22.01	2.47 1.90 2.38 2.63 1.97 26.06 20.22 2.38 18.29 13.52 26.40 20.15 2.38 20.20 15.35	A 90.89 25.32 -0.21 -0.02 A 94 1.08 0 -0.01													
05508+1427	1	F CA	A	A 27614 B 27614	6.950 0.003 8.842 0.018	87.702 734 63 +14.443 394 84 87.702 973 55 +14.443 321 65	2.25 2.25	5.09 -13.45 5.09 -13.45	1.33 0.92 1.24 1.49 0.89 6.41 4.38 1.24 1.49 0.89	A 107.6 0.87															
05508+4018	1	F FD	D	A 27617 B 27617	9.658 0.090 12.087 0.836	10.840 0.069	9.569 0.037	87.712 116 50 +40.303 227 95 87.709 184 03 +40.305 649 12	3.39 3.39	4.42 -4.46 4.42 -4.46	9.89 7.06 9.77 13.71 7.68 72.52 43.68 9.77 13.71 7.68	A 317.3 11.87													
05508-2907	1	F CB	A	A 27609 B 27609	8.510 0.007 11.794 0.133	9.242 0.015	8.404 0.012	87.688 515 97 -29.111 273 84 87.688 151 45 -29.110 778 98	19.91 19.91	16.40 162.76 16.40 162.76	0.91 1.13 1.27 0.97 1.21 20.60 31.53 1.27 0.97 1.21	A 327 2.12													
05508-3945	1	F CA	G	A 27611 B 27611 C 27611	9.027 0.013 9.085 0.015 11.372 0.079	11.718 0.265	10.786 0.175	87.698 325 66 -39.750 292 02 87.698 196 46 -39.750 280 96 87.697 875 24 -39.751 261 23	8.78 8.78 8.78	8.66 -34.86 8.66 -34.86 8.66 -34.86	3.99 4.33 3.56 3.47 3.84 11.60 12.53 3.56 3.47 3.84 14.08 15.90 3.56 3.47 3.84	A 276 0.36 A 199.7 3.71													
05510+6545	1	F NC	G	A 27634 B 27634 C 27634	7.012 0.009 8.234 0.022 10.663 0.216	11.246 0.081	10.179 0.049	87.754 583 37 +65.754 059 33 87.757 077 44 +65.753 777 87 87.758 843 60 +65.751 114 99	1.82 1.82 1.82	-3.72 4.10 -3.72 4.10 -3.72 4.10	0.77 0.89 1.04 0.81 0.87 3.72 4.00 1.04 0.81 0.87 35.59 40.56 1.04 0.81 0.87	A 105.4 3.824 A 149.3 12.33													
05510-6954	1	I ND	D	A 27633 B 27643	7.719 0.006 10.473 0.052	8.108 0.009	7.653 0.011	87.752 438 39 -69.902 370 49 87.773 883 04 -69.901 702 32	17.10 17.92	-6.97 -55.82 -3.98 -15.71	1.49 1.20 1.11 1.31 1.51 18.24 13.42 1.08 15.22 14.16	A 84.83 26.64 -0.09 +0.01													
05514-1139	1	F CA	A	A 27657 B 27657	7.308 0.003 9.509 0.025	7.111 0.006	7.226 0.008	87.840 109 36 -11.646 199 89 87.839 808 14 -11.646 160 54	3.17 3.17	-3.99 1.22 -3.99 1.22	0.96 0.80 1.10 0.98 0.79 7.32 6.70 1.10 0.98 0.79	A 277.6 1.07													



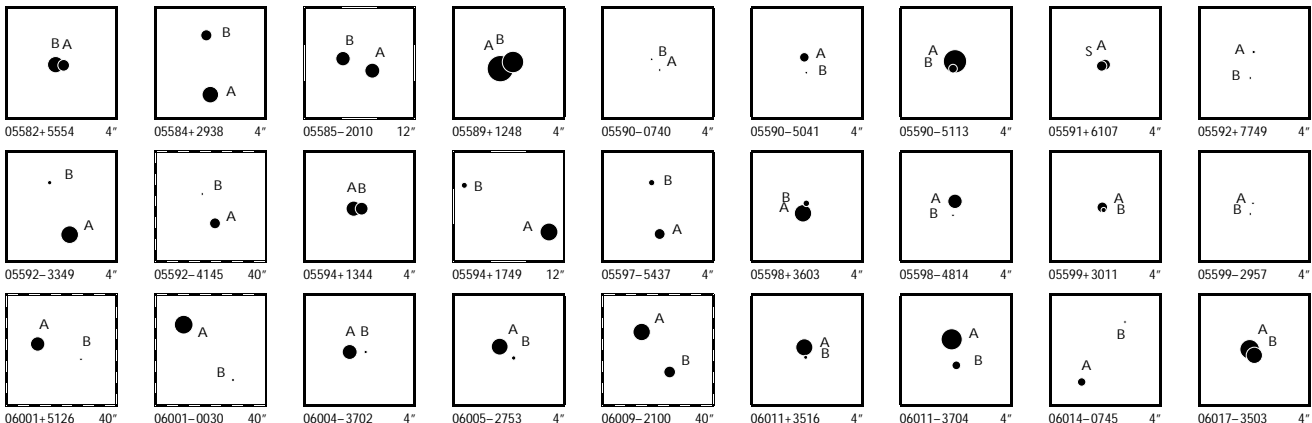
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05515-6332	1	F CA	A 27674 B 27674	8.026 0.005 10.851 0.061	8.196 0.010	7.946 0.012		87.879 387 71 87.880 108 52	-63.531 254 39 -63.531 137 50	7.90 7.90	-19.67 -19.67	9.04 9.04	0.90 0.89 0.83 19.18 14.22 0.83	0.92 0.97 0.92 0.97	A	70	1.23									
05522+3834	1	F CA	A 27723 B 27723	7.314 0.003 8.313 0.008				88.057 802 46 88.057 873 40	+38.560 180 77 +38.559 962 25	4.93 4.93	7.43 7.43	-27.52 -27.52	1.30 0.87 1.24 2.61 1.83 1.24	1.46 0.87 1.46 0.87	A	165.8	0.812									
05522-0651	1	FND D	A 27722 B 27722	9.155 0.012 12.591 0.265	9.213 0.015	9.104 0.018		88.055 688 51 88.051 808 37	-6.848 018 12 -6.849 938 97	2.78 2.78	0.65 0.65	-1.57 -1.57	1.54 1.32 1.79 71.81 61.33 1.79	1.53 1.37 1.53 1.37	A	243.5	15.50									
05525-0217	1	F CB	A 27758 B 27758	7.771 0.274 8.645 0.612				88.122 824 50 88.122 822 34	-2.285 321 61 -2.285 294 86	18.40 18.40	-114.37 -114.37	-8.13 -8.13	8.62 14.36 1.16 18.89 22.79 1.16	1.01 0.90 1.01 0.90	A	355	0.10									
05525-5753	1	F CA	A 27762 B 27762	9.814 0.011 11.925 0.070	9.879 0.020	9.692 0.024		88.126 571 13 88.131 808 36	-57.889 635 61 -57.891 920 51	2.66 2.66	0.13 0.13	15.23 15.23	1.46 1.54 1.45 13.18 17.90 1.45	1.41 1.70 1.41 1.70	A	129.4	12.97									
05526+4009	1	F CA	A 27761 B 27761	8.944 0.009 9.720 0.018	9.348 0.022 9.996 0.056	8.720 0.026 9.268 0.029		88.127 470 63 88.128 363 68	+40.148 764 02 +40.148 578 54	10.06 10.06	55.08 55.08	-107.40 -107.40	2.49 1.61 2.54 8.14 4.92 2.54	3.38 1.76 3.38 1.76	A	105.2	2.55									
05528+2110	1	F CA	A 27785 B 27785	9.443 0.007 11.730 0.055	9.893 0.023	9.412 0.023		88.196 363 88 88.193 359 57	+21.168 993 96 +21.168 032 04	6.70 6.70	-17.23 -17.23	-24.95 -24.95	2.82 1.84 2.91 25.02 10.19 2.91	3.20 1.56 3.20 1.56	A	251.1	10.66									
05528-3832	1	F CA	A 27787 B 27787	6.924 0.004 9.707 0.044	8.129 0.010	6.840 0.005		88.198 806 53 88.199 192 85	-38.525 969 69 -38.526 181 92	2.93 2.93	0.22 0.22	-11.88 -11.88	0.67 0.68 0.74 12.23 10.52 0.74	0.67 0.77 0.67 0.77	A	125.1	1.33									
05529+2907	1	F CA	A 27798 B 27798	8.713 0.125 8.896 0.148				88.237 100 78 88.237 117 77	+29.111 989 40 +29.111 949 16	3.04 3.04	-7.12 -7.12	-16.12 -16.12	6.72 9.39 1.08 7.18 9.72 1.08	1.33 0.92 1.33 0.92	A	160	0.15									
05530+1621	1	FND D	A 27805 B 27805	8.480 0.039 11.117 0.445				88.260 515 40 88.260 514 93	+16.345 668 17 +16.345 719 46	1.85 1.85	-9.86 -9.86	-3.65 -3.65	2.11 2.67 1.12 21.14 49.67 1.12	1.09 0.66 1.09 0.66	A	359	0.18									
05532-3248	1	F CA	A 27821 B 27821	8.455 0.013 8.582 0.015				88.310 666 52 88.310 767 40	-32.806 528 60 -32.806 512 04	5.12 5.12	-5.94 -5.94	-13.44 -13.44	1.79 1.90 0.93 1.83 1.84 0.93	0.82 0.77 0.82 0.77	A	79	0.311									
05532-6150	1	L CA	A 27822 S 27822	7.305 0.007 7.973 0.013				88.311 341 01 88.311 492 26	-61.839 417 00 -61.839 483 83	6.58 6.58	-5.01 8.01	0.24 3.35	1.29 1.35 0.80 2.64 2.85 0.80	0.90 1.03 1.42 1.62	A	133.1	0.352	-1.8	+0.007							
05533-4157	1	F CA	A 27827 B 27827	8.636 0.005 9.994 0.018				88.326 219 08 88.325 818 09	-41.955 312 93 -41.955 268 97	3.65 3.65	-3.21 -3.21	3.84 3.84	0.97 1.04 1.05 4.66 4.59 1.05	0.84 1.14 0.84 1.14	A	278.4	1.085									
05535+3720	1	F CA	A 27844 B 27844	6.966 0.004 8.965 0.028	7.344 0.008	6.860 0.008		88.369 442 04 88.369 392 41	+37.338 849 58 +37.339 323 58	14.93 14.93	-43.96 -43.96	83.88 83.88	1.40 1.01 1.19 10.53 4.73 1.19	1.63 1.00 1.63 1.00	A	355.2	1.712									
05536+2536	1	F CA	A 27858 B 27858	9.086 0.281 9.528 0.422				88.408 957 76 88.408 981 98	+25.593 117 97 +25.593 090 45	-0.12 -0.12	2.71 2.71	-2.91 -2.91	12.19 14.18 1.28 17.92 18.92 1.28	1.16 0.68 1.16 0.68	A	142	0.13									
05536-5640	1	F CA	A 27855 B 27855	9.214 0.130 9.350 0.147				88.399 308 56 88.399 390 85	-56.670 420 32 -56.670 426 52	15.13 15.13	-30.90 -30.90	-48.26 -48.26	10.56 6.63 0.77 10.97 7.77 0.77	0.85 0.87 0.85 0.87	A	98	0.16									
05537-0530	1	F CA	A 27864 B 27864	10.679 0.260 10.808 0.293				88.433 698 52 88.433 664 10	-5.492 387 68 -5.492 420 86	1.42 1.42	-13.75 -13.75	-24.53 -24.53	19.90 17.79 2.27 22.10 19.58 2.27	1.92 1.55 1.92 1.55	A	226	0.17									
05537-0542	1	FND D	A 27861 B 27861	7.136 0.006 10.943 0.183				88.423 607 34 88.423 725 92	-5.704 708 41 -5.704 782 12	5.78 5.78	-2.08 -2.08	-14.23 -14.23	1.24 1.08 1.39 44.19 35.12 1.39	1.27 1.09 1.27 1.09	A	122	0.50									
05538+0633	1	F CA	A 27869 B 27869	9.292 0.007 9.304 0.007				88.462 146 91 88.462 013 89	+6.546 942 12 +6.547 097 69	3.18 3.18	-9.22 -9.22	3.52 3.52	3.58 3.03 3.09 7.07 4.69 3.09	3.94 3.23 3.94 3.23	A	320	0.735									
05539-5506	1	LND W	A 27874 B 27874	8.698 0.023 12.106 0.426	10.931 0.050	8.891 0.017		88.476 366 45 88.477 014 22	-55.093 647 62 -55.093 432 82	1.12 1.12	-4.24 -156.02	-1.57 217.67	1.85 1.77 1.52 64.42 57.98 1.52	1.58 1.78 29.72 31.22	A	60	1.54	-10	-0.02							
05542+1015	1	F CA	A 27895 B 27895	7.406 0.004 9.084 0.018	8.514 0.017 9.387 0.032	7.361 0.011 8.877 0.040		88.539 690 33 88.539 630 97	+10.244 438 03 +10.243 845 19	5.15 5.15	7.02 7.02	-7.15 -7.15	1.72 1.20 2.06 6.73 3.72 2.06	1.58 1.14 1.58 1.14	A	185.6	2.145									
05542-2909	1	F CB	A 27901 S 27901	6.614 0.067 8.445 0.360				88.558 520 56 88.558 521 52	-29.147 095 14 -29.147 140 83	17.84 17.84	-32.60 -32.60	-42.55 -42.55	3.29 6.27 0.71 20.45 21.48 0.71	0.57 0.64 0.57 0.64	A	179	0.16									
05543-2532	1	I CA	A 27908 B 27904	8.567 0.011 10.613 0.061	8.794 0.014 11.877 0.117	8.548 0.016 10.530 0.049		88.579 846 59 88.574 387 03	-25.526 969 49 -25.527 487 65	3.64 16.91	-5.26 7.82	-2.62 17.12	1.23 1.57 1.69 17.64 21.30 11.52	1.36 1.68 14.82 16.86	A	264.0	17.83	+0.1	-0.02							
05544+1854	1	F CA	A 27911 B 27911	8.693 0.006 8.789 0.006				88.593 237 32 88.593 686 91	+18.900 451 60 +18.899 717 76	-1.68 -1.68	-3.80 -3.80	-13.96 -13.96	7.07 4.94 3.38 7.58 5.13 3.38	7.30 4.40 7.30 4.40	A	149.9	3.05									
05545-1942	1	F CA	A 27922 B 27922	7.650 0.004 10.794 0.077	8.375 0.008 11.996 0.119	7.586 0.008 10.573 0.057		88.625 409 18 88.626 437 11	-19.704 282 07 -19.701 553 92	43.86 43.86	92.56 92.56	-26.22 -26.22	0.90 0.89 1.19 22.14 18.44 1.19	0.97 0.86 0.97 0.86	A	19.5	10.42									
05546+0522	1	I CA	A 27932 B 27930	8.419 0.008 10.462 0.040	9.339 0.020 10.570 0.058	8.341 0.015 10.038 0.054		88.649 298 39 88.651 779 84	+5.353 711 13 +5.351 038 27	7.15 -1.71	-8.79 11.58	-9.48 -3.49	2.90 2.00 2.47 23.06 14.64 15.62	3.18 2.12 22.35 13.63	A	137.3	13.10	-0.1	+0.01							
05548+4521	1	F CA	A 27945 B 27945	8.907 0.007 12.077 0.133				88.702 134 14 88.702 249 15	+45.344 356 59 +45.344 443 85	-0.69 -0.69	-1.43 -1.43	-0.64 -0.64	2.20 1.49 1.83 44.23 25.75 1.83	1.81 0.94 1.81 0.94	A	43	0.43									



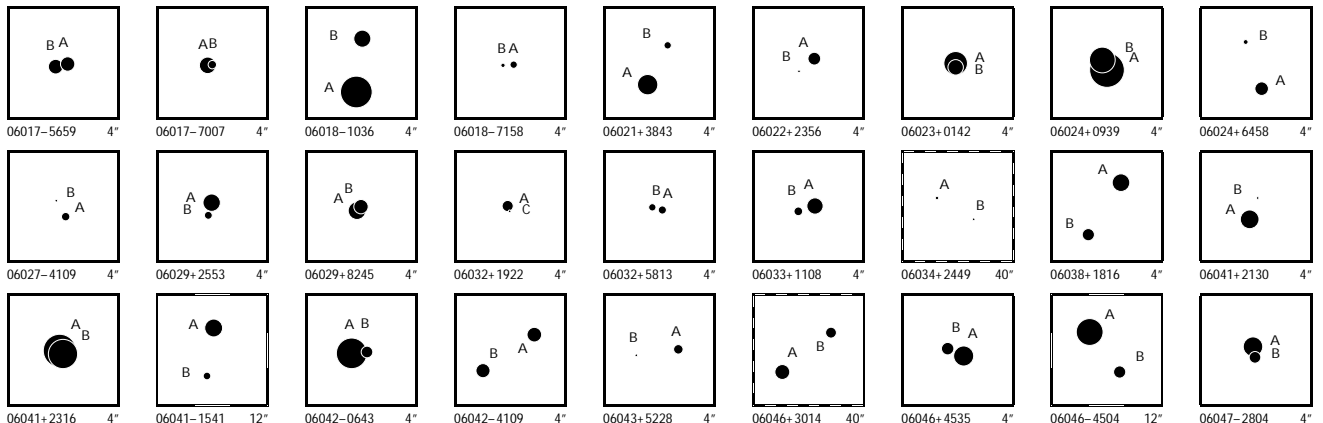
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05548-5335	1	F CA	B 27942 A 27942	8.472 0.241 8.658 0.285							88.692 631 66 -53.575 572 79 88.692 577 97 -53.575 584 29	6.97 6.97	36.68 17.35 36.68 17.35	15.25 7.05 0.63 0.70 0.77 12.54 9.61 0.63 0.70 0.77	B 250 0.12										
05548-7648	1	F CA	A 27943 B 27943	8.615 0.005 11.069 0.042	9.126 0.014	8.528 0.012					88.694 361 79 -76.807 489 09 88.692 160 54 -76.806 669 54	10.65 10.65	28.46 -3.24 28.46 -3.24	0.97 0.98 0.91 0.97 1.09 10.78 9.80 0.91 0.97 1.09	A 328.5 3.46										
05549+0552	1	F CA	A 27962 B 27962	6.898 0.003 9.274 0.028	6.837 0.005	6.878 0.007					88.731 046 21 +5.860 814 31 88.729 889 40 +5.861 184 62	5.42 5.42	0.99 -16.21 0.99 -16.21	1.27 1.04 1.05 1.45 1.07 8.50 6.37 1.05 1.45 1.07	A 287.8 4.35										
05550-4247	1	F CA	A 27974 B 27974	9.828 0.008 12.487 0.084	10.438 0.029	9.790 0.026					88.746 371 65 -42.788 777 47 88.746 985 74 -42.788 889 45	10.96 10.96	-31.29 -18.10 -31.29 -18.10	1.39 1.42 1.46 1.38 1.41 22.91 22.70 1.46 1.38 1.41	A 104 1.67										
05552+7652	1	L FC	A 27988 B 27996	8.194 0.229 8.869 0.348	8.563 0.008	8.115 0.008					88.790 645 42 +76.869 570 95 88.812 655 54 +76.874 941 61	8.58 8.58	11.51 -88.74 41.11 -131.34	1.22 1.56 1.44 1.17 1.54 72.72 82.64 1.44 54.61 60.47	A 42.9 26.41 +0.1 -0.01										
05556-0447	1	F CB	A 28019 B 28019	6.328 0.005 10.470 0.239							88.897 403 47 -4.788 515 44 88.897 311 10 -4.788 467 14	10.17 10.17	-13.93 -29.49 -13.93 -29.49	1.60 1.29 1.23 1.19 0.96 79.43 66.63 1.23 1.19 0.96	A 298 0.37										
05557+7755	1	F CA	A 28030 B 28030	8.499 0.004 12.069 0.095							88.913 140 89 +77.924 160 96 88.913 895 97 +77.924 268 43	3.72 3.72	-1.05 -7.50 -1.05 -7.50	0.83 0.89 1.04 0.74 0.91 23.72 30.06 1.04 0.74 0.91	A 56 0.69										
05558+3656	1	F CA	A 28043 B 28043	7.798 0.036 8.493 0.069							88.959 364 74 +36.936 705 77 88.959 470 63 +36.936 722 27	6.42 6.42	-14.17 -36.64 -14.17 -36.64	5.27 1.52 1.13 1.50 0.89 7.50 2.85 1.13 1.50 0.89	A 79 0.31										
05560+3949	1	F CA	A 28059 B 28059	9.954 0.008 11.963 0.050	10.259 0.036	9.872 0.039					88.994 841 83 +39.814 440 79 88.996 220 48 +39.814 681 32	3.02 3.02	-4.99 -21.91 -4.99 -21.91	2.10 1.41 2.25 2.44 1.41 19.41 12.88 2.25 2.44 1.41	A 77.2 3.91										
05560-0837	1	F CB	A 28063 B 28063	9.718 0.039 12.000 0.321							89.000 036 82 -8.622 171 67 89.000 002 61 -8.622 233 65	5.94 5.94	5.01 -0.93 5.01 -0.93	3.38 4.19 1.85 1.65 1.42 39.27 36.68 1.85 1.65 1.42	A 209 0.25										
05561+2901	1	L CA	A 28072 B 28072	9.596 0.006 12.021 0.054							89.023 732 29 +29.019 385 63 89.023 689 65 +29.019 530 11	2.63 2.63	6.12 -23.52 13.97 -4.49	2.34 1.58 1.84 2.35 1.19 28.06 13.97 1.84 17.79 6.60	A 346 0.54 +1 +0.02										
05561-6127	1	F ND	D 28077 B 28077	8.170 0.006 12.112 0.205	8.468 0.011	8.086 0.011					89.030 224 93 -61.447 355 01 89.030 485 15 -61.447 661 18	6.35 6.35	12.80 51.20 12.80 51.20	0.86 0.79 0.75 0.95 0.80 45.15 43.59 0.75 0.95 0.80	A 158 1.19										
05562+2520	1	F CA	A 28084 B 28084	7.959 0.003 10.424 0.030							89.053 685 39 +25.329 901 86 89.053 764 32 +25.330 031 55	1.67 1.67	-6.72 -5.08 -6.72 -5.08	1.43 1.07 1.50 1.57 0.88 14.86 8.55 1.50 1.57 0.88	A 29 0.53										
05565-7017	1	F CA	A 28115 B 28115	9.263 0.071 11.255 0.442							89.137 372 60 -70.289 563 47 89.137 194 02 -70.289 535 41	2.01 2.01	4.27 16.13 4.27 16.13	9.32 6.36 1.44 1.67 1.67 50.56 37.07 1.44 1.67 1.67	A 295 0.24										
05568-0304	1	F CA	A 28140 B 28140	9.206 0.007 9.912 0.013							89.206 034 44 -3.071 447 40 89.206 163 99 -3.071 577 06	2.99 2.99	1.27 -3.82 1.27 -3.82	2.93 2.31 2.59 2.94 2.57 7.64 4.95 2.59 2.94 2.57	A 135 0.66										
05569-0110	1	F CA	A 28144 B 28144	8.032 0.005 10.023 0.028							89.215 059 94 -1.164 670 86 89.214 937 45 -1.164 465 88	0.53 0.53	2.36 -5.93 2.36 -5.93	1.41 1.02 1.43 1.37 1.00 11.59 7.15 1.43 1.37 1.00	A 329 0.86										
05569-4656	1	F ND	D 28153 B 28153	10.727 0.017 13.886 0.300	13.086 0.416	10.817 0.079					89.233 724 83 -46.932 787 14 89.233 581 20 -46.932 510 15	42.17 42.17	66.86 488.90 66.86 488.90	1.74 1.85 1.77 1.97 1.88 63.71 69.16 1.77 1.97 1.88	A 341 1.06										
05571+1701	1	F CA	A 28167 B 28167	9.228 0.019 11.500 0.156							89.281 620 75 +17.010 781 87 89.281 578 43 +17.010 707 40	2.69 2.69	-4.19 -6.77 -4.19 -6.77	4.21 3.65 2.69 2.48 1.37 32.00 19.21 2.69 2.48 1.37	A 209 0.31										
05571-4145	1	L CA	A 28165 B 28165	8.481 0.006 8.902 0.008	8.747 0.020	8.303 0.021	9.088 0.024	8.708 0.027			89.277 600 24 -41.756 513 89 89.277 206 64 -41.756 868 14	3.54 3.54	-1.31 -12.11 -6.19 -8.62	1.36 1.39 1.29 1.05 1.26 3.20 3.22 1.29 1.85 2.57	A 219.7 1.656 +0.2 0.000										
05572+1014	1	F CB	A 28171 B 28171 C 28171	8.835 0.012 12.128 0.249							89.285 745 55 +10.229 369 43 89.285 809 30 +10.229 251 84	6.64 6.64	9.21 -1.61 9.21 -1.61	3.43 2.76 2.78 3.24 2.00 79.12 45.08 2.78 3.24 2.00	A 152 0.48										
05574+0002	1	F CA	A 28187 B 28187	6.973 0.004 9.866 0.053	6.917 0.006	6.922 0.007					89.355 321 23 +0.027 540 04 89.355 134 73 +0.027 874 87	5.46 5.46	-15.52 -8.85 -15.52 -8.85	1.81 1.38 1.89 1.90 1.50 50.23 49.76 1.89 1.90 1.50	A 331 1.38										
05575+2309	1	F CA	B 28195 A 28195	9.288 0.073 10.060 0.148							89.372 842 93 +23.148 319 46 89.372 790 40 +23.148 283 48	7.88 7.88	-9.42 -7.63 -9.42 -7.63	8.61 5.53 1.53 1.78 0.95 17.60 9.50 1.53 1.78 0.95	B 233 0.22										
05576+4239	1	F CA	A 28204 B 28204	9.949 0.006 10.350 0.009	9.778 0.026	9.492 0.027	10.090 0.029	9.776 0.035			89.394 039 76 +42.644 100 73 89.394 382 69 +42.644 547 05	0.72 0.72	-1.22 -3.72 -1.22 -3.72	4.28 2.13 3.96 5.14 1.93 5.58 2.90 3.96 5.14 1.93	A 29.5 1.846										
05577-1524	1	F CB	A 28211 B 28211	7.187 0.003 11.203 0.130							89.414 922 69 -15.406 136 40 89.414 951 32 -15.406 281 00	5.43 5.43	-5.46 6.12 -5.46 6.12	0.76 0.86 0.90 0.78 0.74 30.82 24.57 0.90 0.78 0.74	A 169 0.53										
05578-5238	1	F CA	A 28223 B 28223	8.946 0.025 11.104 0.181							89.448 124 52 -52.634 869 70 89.448 027 15 -52.634 805 36	2.76 2.76	-1.51 -6.91 -1.51 -6.91	3.72 3.58 1.04 1.03 1.27 16.28 17.08 1.04 1.03 1.27	A 317 0.31										
05580+2437	1	F CA	A 28238 B 28238	8.454 0.032 8.959 0.051							89.501 196 77 +24.617 161 10 89.501 178 68 +24.617 107 16	0.26 0.26	5.28 -3.08 5.28 -3.08	2.83 3.18 1.23 1.23 0.67 5.03 4.49 1.23 1.23 0.67	A 197 0.203										
05580-5212	1	L CA	A 28240 B 28240	9.674 0.005 9.752 0.006							89.510 981 43 -52.204 664 44 89.510 825 04 -52.204 477 57	16.76 16.76	-27.09 42.38 -28.72 61.78	2.14 2.92 1.93 2.47 3.31 3.57 4.03 1.93 4.81 5.31	A 332.8 0.756 +0.6 +0.018										



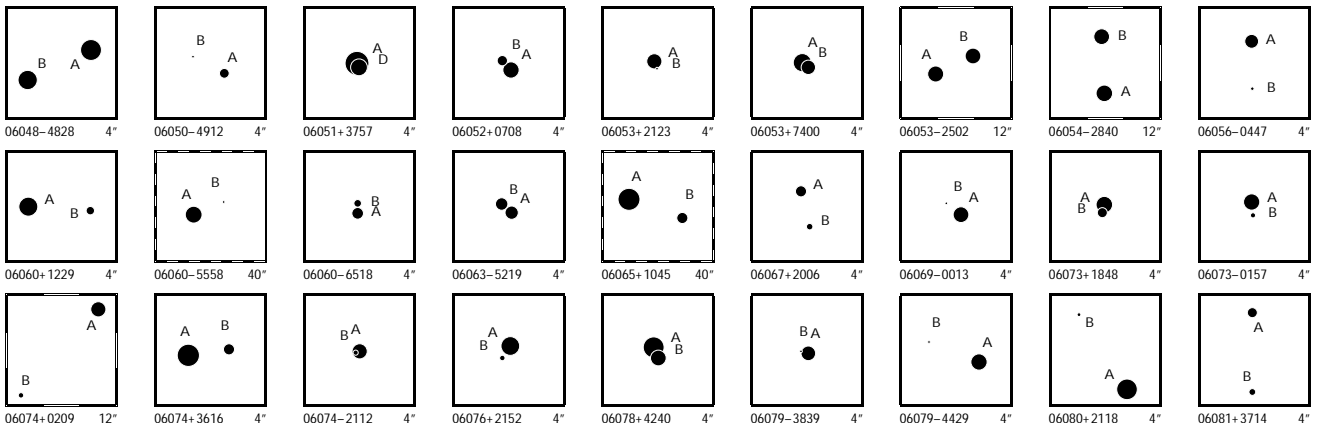
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry				
	S	N		H_p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	$d\theta/dt$
1	2-3-5	6	7-8	9-10	11	12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
05582+5554	1	F CA	B 28253 A 28253	8.398 0.033 9.438 0.086				89.553 143 46 +55.907 184 47 89.552 988 63 +55.907 177 94	10.60 10.60	3.42 -59.51 3.42 -59.51	4.68 1.60 1.24 1.51 0.83 10.93 4.96 1.24 1.51 0.83	B 266 0.31										
05584+2938	1	F CA	A 28270 B 28270	8.344 0.004 9.560 0.013	8.493 0.007 9.619 0.016	8.300 0.009 9.266 0.019	89.600 187 18 +29.627 002 41 89.600 238 54 +29.627 611 25	4.65 4.65	-9.63 -4.30 -9.63 -4.30	1.68 1.05 1.68 1.88 0.96 5.53 3.14 1.68 1.88 0.96	A 4.2 2.198											
05585-2010	1	F CA	A 28275 B 28275	8.702 0.006 8.836 0.007	8.971 0.022	8.610 0.024	89.618 076 86 -20.164 796 21 89.619 056 67 -20.164 422 57	3.92 3.92	13.46 1.94 13.46 1.94	1.70 1.99 2.47 1.77 2.04 3.02 3.12 2.47 1.77 2.04	A 67.89 3.574											
05589+1248	1	F CA	A 28302 B 28302	6.200 0.004 7.260 0.009			89.721 840 12 +12.808 257 41 89.721 710 29 +12.808 328 77	3.89 3.89	-8.64 2.84 -8.64 2.84	1.34 0.85 1.20 1.26 0.80 5.11 2.70 1.20 1.26 0.80	A 299.4 0.523											
05590-0740	1	F ND	D 28319 A 28319	13.406 0.189 13.913 0.301			89.748 419 25 -7.667 554 14 89.748 499 95 -7.667 441 05	37.20 37.20	-63.87 164.10 -63.87 164.10	18.74 18.21 8.66 11.07 9.39 100.19 70.64 8.66 11.07 9.39	A 35 0.50											
05590-5041	1	F CA	A 28315 B 28315	9.917 0.007 11.701 0.037			89.745 196 93 -50.677 261 44 89.745 166 10 -50.677 418 02	7.73 7.73	16.67 72.06 16.67 72.06	1.44 1.67 1.39 1.52 1.51 10.61 8.41 1.39 1.52 1.51	A 187 0.57											
05590-5113	1	F CA	A 28322 B 28322	6.846 0.010 10.075 0.190			89.757 350 91 -51.223 197 95 89.757 390 27 -51.223 275 67	5.51 5.51	-3.32 13.27 -3.32 13.27	1.32 2.01 0.61 0.69 0.72 21.26 20.40 0.61 0.69 0.72	A 162 0.29											
05591+6107	1	F CB	A 28326 S 28326	9.627 0.390 9.702 0.418			89.771 065 55 +61.123 636 24 89.771 132 06 +61.123 621 32	6.67 6.67	-0.68 -92.30 -0.68 -92.30	27.57 13.46 1.01 0.86 0.64 16.79 9.37 1.01 0.86 0.64	A 115 0.13											
05592+7749	1	F CA	A 28330 B 28330	11.253 0.016 11.578 0.021			89.794 931 09 +77.820 689 94 89.795 057 21 +77.820 421 00	4.26 4.26	-2.71 -6.66 -2.71 -6.66	3.30 4.25 4.54 3.03 4.64 8.38 9.33 4.54 3.03 4.64	A 174 0.97											
05592-3349	1	F CA	A 28329 B 28329	8.121 0.004 11.066 0.048	8.314 0.009	8.058 0.010	89.794 097 98 -33.818 650 91 89.794 343 31 -33.818 125 12	6.03 6.03	12.35 31.83 12.35 31.83	0.73 0.87 0.95 0.71 0.95 13.33 13.69 0.95 0.71 0.95	A 21.2 2.03											
05592-4145	1	F CB	A 28331 B 28331	9.621 0.012 12.310 0.133	10.621 0.043	9.487 0.025	89.799 302 41 -41.746 539 60 89.801 038 84 -41.743 462 07	-1.21 -1.21	-1.10 -2.77 -1.10 -2.77	1.51 1.61 1.66 1.41 1.70 30.63 34.90 1.66 1.41 1.70	A 22.8 12.02											
05594+1344	1	F CA	A 28345 B 28345	8.622 0.069 9.165 0.114			89.843 804 67 +13.735 328 92 89.843 725 61 +13.735 332 74	-1.40 -1.40	1.78 -5.13 1.78 -5.13	10.16 1.75 1.48 1.56 0.87 13.92 3.47 1.48 1.56 0.87	A 273 0.28											
05594+1749	1	I CA	A 28348 B 120002	8.033 0.004 10.687 0.037	8.519 0.012	7.990 0.011	89.852 004 49 +17.814 971 59 89.854 727 33 +17.816 409 79	11.27 3.39	25.22 -86.96 24.03 -79.21	2.05 1.19 1.71 2.04 1.16 22.15 9.86 13.57 13.74 6.93	A 60.98 10.67 -0.04 0.00											
05597-5437	1	F CA	A 28383 B 28383	9.614 0.008 10.610 0.020	9.805 0.026	9.299 0.027	89.937 265 50 -54.617 900 63 89.937 408 33 -54.617 376 36	5.46 5.46	13.86 9.31 13.86 9.31	1.53 1.78 1.60 1.50 2.26 5.26 5.36 1.60 1.50 2.26	A 9.0 1.91											
05598+3603	1	F CA	A 28388 B 28388	8.178 0.004 10.583 0.036			89.948 241 24 +36.045 075 61 89.948 204 78 +36.045 183 43	1.41 1.41	4.33 -14.97 4.33 -14.97	1.42 1.03 1.29 1.82 0.78 12.66 6.14 1.29 1.82 0.78	A 345 0.40											
05598-4814	1	F CB	A 28393 B 28393	8.821 0.006 12.506 0.167			89.957 026 27 -48.239 849 73 89.957 042 24 -48.239 999 57	23.24 23.24	-42.27 65.16 -42.27 65.16	1.10 1.31 1.02 1.08 1.15 42.11 32.85 1.02 1.08 1.15	A 176 0.54											
05599+3011	1	F CC	A 28402 B 28402	9.687 0.280 10.872 0.835			89.979 143 41 +30.185 988 29 89.979 136 66 +30.185 959 60	6.56 6.56	1.71 -1.92 1.71 -1.92	9.84 15.14 1.49 1.41 0.67 39.84 35.43 1.49 1.41 0.67	A 191 0.11											
05599-2957	1	F CB	A 28401 B 28401	12.416 0.051 13.289 0.112			89.975 451 18 -29.954 358 57 89.975 483 93 -29.954 471 47	6.53 6.53	-1.88 -2.76 -1.88 -2.76	6.50 8.50 6.94 5.55 6.99 30.94 29.36 6.94 5.55 6.99	A 166 0.42											
06001+5126	1	F ND	D 28415 A 28415	8.843 0.016 12.034 0.263	10.156 0.025	8.819 0.015	90.019 336 41 +51.439 221 32 90.012 175 96 +51.437 646 19	3.02 3.02	-4.42 6.51 -4.42 6.51	1.69 1.24 1.85 1.86 1.22 78.87 57.27 1.85 1.86 1.22	A 250.6 17.04											
06001-0030	1	F CB	A 28421 B 28418	7.865 0.022 11.345 0.398	7.849 0.010	7.865 0.010	90.032 652 46 -0.501 788 14 90.027 543 70 -0.507 508 92	2.95 2.95	-1.91 -0.51 -1.91 -0.51	1.97 1.30 1.67 1.92 1.33 47.91 33.57 1.67 1.92 1.33	A 221.8 27.61											
06004-3702	1	F CA	A 28450 B 28450	8.715 0.004 11.307 0.044			90.108 202 90 -37.039 256 62 90.108 005 16 -37.039 255 37	11.89 11.89	-5.65 -237.61 -5.65 -237.61	1.03 1.10 1.09 0.90 1.17 9.54 15.25 1.09 0.90 1.17	A 270 0.57											
06005-2753	1	F CA	A 28457 B 28457	8.294 0.004 11.067 0.045			90.118 781 79 -27.888 491 50 90.118 620 17 -27.888 608 59	1.03 1.03	-6.35 -0.68 -6.35 -0.68	0.76 0.87 1.04 0.89 0.92 9.14 12.62 1.04 0.89 0.92	A 231 0.66											
06009-2100	1	I CA	A 28491 B 28488	8.166 0.014 9.398 0.037	8.307 0.007 9.680 0.019	8.094 0.008 9.258 0.021	90.216 383 47 -21.003 749 23 90.213 385 42 -21.007 862 84	3.99 -7.45	-3.92 2.34 -4.73 2.90	1.64 1.83 2.10 1.87 1.92 10.88 12.82 7.32 6.77 6.42	A 214.23 17.91 0.00 0.00											
06011+3516	1	L CA	A 28506 B 28506	8.214 0.004 11.123 0.054			90.270 634 05 +35.258 891 29 90.270 616 43 +35.258 790 17	4.30 4.30	-8.95 -11.86 34.42 -22.09	1.44 1.08 1.28 1.56 0.71 20.25 11.98 1.28 14.81 5.43	A 188 0.37 -7 0.00											
06011-3704	1	F CA	A 28504 B 28504	7.343 0.003 10.072 0.038			90.262 971 57 -37.071 607 28 90.262 908 81 -37.071 873 39	3.57 3.57	13.40 2.52 13.40 2.52	0.64 0.72 0.77 0.66 0.84 8.16 9.98 0.77 0.66 0.84	A 191 0.97											
06014-0745	1	F FD	D 28535 B 28535	10.168 0.018 11.408 0.056	10.295 0.042	10.086 0.053	90.352 809 80 -7.756 186 53 90.352 366 77 -7.755 567 97	1.68 1.68	1.86 5.04 1.86 5.04	3.51 3.12 4.27 3.24 2.75 12.54 10.51 4.27 3.24 2.75	A 324.6 2.73											
06017-3503	1	F CA	A 28557 B 28557	7.688 0.020 8.410 0.039			90.415 939 47 -35.043 766 84 90.415 878 15 -35.043 818 37	3.27 3.27	-7.51 13.64 -7.51 13.64	2.20 2.27 0.76 0.66 0.74 4.09 4.33 0.76 0.66 0.74	A 224 0.259											



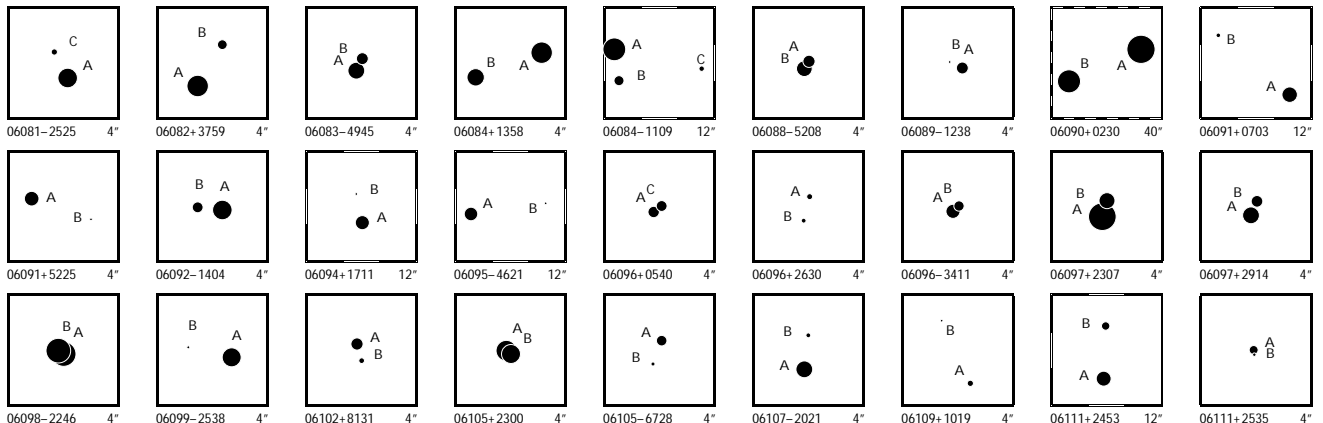
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06017-5659	1	F CA	B 28560 A 28560	8.765 0.007 8.829 0.007					90.423 080 62 -56.985 329 21 90.422 849 17 -56.985 301 67	2.77 2.77	-0.39 10.29 -0.39 10.29	2.07 1.94 1.31 1.71 1.35 2.44 2.23 1.31 1.71 1.35	B 282.3 0.465												
06017-7007	1	F CA	A 28566 B 28566	8.347 0.085 10.140 0.441				90.434 635 21 -70.113 851 89 90.434 495 30 -70.113 846 08	1.61 1.61	-1.43 -1.65 -1.43 -1.65	7.90 3.14 0.69 0.77 0.79 29.64 17.31 0.69 0.77 0.79	A 277 0.17													
06018-1036	1	F CA	A 28574 B 28574	4.981 0.003 8.245 0.054	4.841 0.004	4.976 0.004		90.460 107 57 -10.597 939 18 90.460 050 93 -10.597 387 84	3.33 3.33	-6.88 3.59 -6.88 3.59	0.72 0.62 0.80 0.75 0.66 12.56 9.85 0.80 0.75 0.66	A 354.2 1.99													
06018-7158	1	L CA	A 28573 B 28573	10.387 0.012 11.032 0.022				90.459 754 76 -71.959 792 70 90.460 116 14 -71.959 801 39	16.00 16.00	62.07 111.45 51.97 126.96	2.80 2.38 1.75 1.91 2.14 6.03 6.49 1.75 3.06 4.18	A 94 0.404 -2 -0.011													
06021+3843	1	F CA	A 28588 B 28588	7.476 0.003 10.392 0.039	8.388 0.010	7.390 0.009		90.522 274 99 +38.720 199 49 90.522 004 03 +38.720 599 66	2.50 2.50	-6.79 -4.24 -6.79 -4.24	1.02 0.67 1.07 1.37 0.66 14.61 8.19 1.07 1.37 0.66	A 332.2 1.63													
06022+2356	1	F CA	A 28597 B 28597	9.173 0.006 12.454 0.108				90.539 201 18 +23.929 822 04 90.539 376 82 +23.929 692 18	3.09 3.09	5.13 -7.64 5.13 -7.64	2.16 1.38 1.96 2.43 1.31 44.11 23.43 1.96 2.43 1.31	A 129 0.74													
06023+0142	1	F CA	A 28609 B 28609	6.762 0.062 8.558 0.326				90.571 284 83 +1.694 070 66 90.571 283 54 +1.694 031 12	5.59 5.59	-3.91 -4.80 -3.91 -4.80	1.91 5.02 0.86 0.71 0.58 9.31 17.32 0.86 0.71 0.58	A 182 0.14													
06024+0939	1	L CA	A 28614 B 28614	4.346 0.002 6.296 0.014				90.595 793 23 +9.647 367 56 90.595 836 49 +9.647 471 45	21.49 21.49	14.19 -37.44 11.43 -30.05	1.06 0.93 0.82 1.18 0.77 5.42 3.73 0.82 3.91 2.31	A 22.3 0.404 -0.8 +0.006													
06024+6458	1	F CA	A 28612 B 28612	8.998 0.006 10.941 0.038	9.570 0.016	8.877 0.014		90.589 362 82 +64.968 861 78 90.589 752 14 +64.969 335 04	10.58 10.58	31.29 -219.39 31.29 -219.39	1.15 1.20 1.60 1.13 1.22 8.09 8.21 1.60 1.13 1.22	A 19.2 1.80													
06027-4109	1	F CA	A 28631 B 28631	10.157 0.007 11.976 0.034				90.673 203 18 -41.157 297 72 90.673 323 83 -41.157 136 10	1.94 1.94	2.78 16.44 2.78 16.44	1.38 1.54 1.55 1.40 1.61 10.03 9.52 1.55 1.40 1.61	A 29 0.67													
06029+2553	1	F CA	A 28640 B 28640	8.156 0.004 10.237 0.024				90.719 086 56 +25.884 479 70 90.719 116 02 +25.884 344 11	8.84 8.84	26.25 -74.66 26.25 -74.66	1.59 1.13 1.47 1.48 0.86 9.55 5.60 1.47 1.48 0.86	A 169 0.50													
06029+8245	1	L CA	A 28646 B 28646	8.096 0.049 8.813 0.094				90.736 693 27 +82.751 359 31 90.736 384 10 +82.751 400 60	10.80 10.80	49.82 24.64 43.08 45.09	4.22 4.72 0.74 1.20 1.72 6.77 7.76 0.74 2.09 3.09	A 317 0.204 +3 +0.019													
06032+1922	1	F CA	A 28671 B 28671 C 28671	9.554 0.048 11.669 0.336				90.810 210 73 +19.362 265 54 90.810 196 84 +19.362 205 06	14.86 14.86	666.60 -623.13 666.60 -623.13	6.11 6.51 2.50 2.52 1.57 42.70 40.05 2.50 2.52 1.57	A 192 0.22													
06032+5813	1	F CA	A 28666 B 28666	10.203 0.027 10.401 0.033				90.789 847 20 +58.223 376 24 90.790 036 54 +58.223 402 73	7.54 7.54	15.24 60.20 15.24 60.20	4.75 3.88 2.72 3.12 1.88 4.92 3.48 2.72 3.12 1.88	A 75 0.37													
06033+1108	1	F CA	A 28676 B 28676	8.408 0.006 10.059 0.027				90.823 623 60 +11.136 061 88 90.823 792 03 +11.136 012 45	0.55 0.55	-2.49 -2.64 -2.49 -2.64	1.91 1.28 1.81 2.07 1.32 10.37 7.04 1.81 2.07 1.32	A 107 0.62													
06034+2449	1	F ND D	A 28684 B 28684	11.231 0.041 12.855 0.174				90.841 962 87 +24.823 361 26 90.837 792 60 +24.821 230 82	-4.09 -4.09	2.53 -6.38 2.53 -6.38	4.75 3.05 4.63 4.80 2.83 65.26 32.40 4.63 4.80 2.83	A 240.6 15.64													
06038+1816	1	F CA	A 28708 B 28708	8.127 0.006 9.299 0.017	8.056 0.011	8.020 0.014		90.950 568 14 +18.264 794 70 90.950 921 87 +18.264 254 69	2.07 2.07	1.26 -2.17 1.26 -2.17	1.61 1.07 1.56 1.82 1.12 6.19 3.44 1.56 1.82 1.12	A 148.1 2.289													
06041+2130	1	F CA	A 28728 B 28728	7.874 0.003 11.470 0.071				91.023 922 83 +21.494 177 48 91.023 834 86 +21.494 387 85	7.69 7.69	3.28 -16.07 3.28 -16.07	1.30 0.79 1.24 1.31 0.81 26.99 15.92 1.24 1.31 0.81	A 339 0.81													
06041+2316	1	L CA	A 28734 B 28734	4.766 0.047 5.500 0.093				91.030 082 67 +23.263 643 94 91.030 041 82 +23.263 608 72	21.64 21.64	-18.29 -128.83 28.24 -101.81	4.23 4.75 1.06 4.61 2.57 8.92 9.91 1.06 9.58 4.70	A 227 0.19 -4 -0.05													
06041-1541	1	F CA	A 28730 B 28730	8.050 0.003 10.328 0.027	7.978 0.006 10.444 0.056	8.010 0.007 9.964 0.061		91.025 430 54 -15.681 439 60 91.025 647 27 -15.682 909 59	2.41 2.41	-5.96 6.78 -5.96 6.78	0.93 0.85 1.19 1.07 0.91 5.72 5.63 1.19 1.07 0.91	A 171.9 5.35													
06042-0643	1	F CB	A 28744 B 28744	5.243 0.003 9.446 0.144				91.056 264 66 -6.708 950 20 91.056 105 81 -6.708 939 42	3.55 3.55	-3.55 3.62 -3.55 3.62	1.50 1.28 1.00 1.25 1.15 46.12 41.35 1.00 1.25 1.15	A 274 0.57													
06042-4109	1	F CA	A 28745 B 28745	8.744 0.006 8.909 0.007	9.061 0.021 9.259 0.019	8.567 0.018 8.781 0.015		91.060 696 14 -41.153 675 15 91.061 396 43 -41.154 047 49	7.27 7.27	3.08 68.15 3.08 68.15	1.14 1.28 1.20 1.03 1.20 2.01 2.21 1.20 1.03 1.20	A 125.2 2.324													
06043+5228	1	F CA	A 28752 B 28752	9.922 0.013 12.296 0.115	11.082 0.069	9.792 0.035		91.075 381 56 +52.465 422 43 91.076 094 67 +52.465 361 74	1.45 1.45	8.55 -17.02 8.55 -17.02	2.09 1.39 2.07 2.32 1.37 26.38 14.35 2.07 2.32 1.37	A 98 1.58													
06046+3014	1	IND D	A 28777 B 28774	8.681 0.031 9.573 0.056	8.692 0.013 9.525 0.021	8.626 0.017 9.432 0.028		91.142 680 79 +30.234 458 77 91.136 979 56 +30.238 441 63	-0.34 12.81	-1.25 -1.53 -2.46 -7.00	4.18 3.21 3.82 5.33 2.97 23.77 14.59 12.80 18.43 9.99	A 308.96 22.80 -0.01 0.00													
06046+4535	1	F CA	A 28775 B 28775	7.578 0.003 9.226 0.014				91.140 232 54 +45.586 348 43 91.140 477 27 +45.586 419 63	9.01 9.01	2.75 -48.71 2.75 -48.71	1.28 0.81 1.38 1.50 0.82 6.74 4.11 1.38 1.50 0.82	A 67.4 0.67													
06046-4504	1	F CA	A 28790 B 28790	6.076 0.003 9.272 0.053	6.510 0.004 10.169 0.048	6.011 0.003 8.976 0.028		91.167 362 58 -45.079 549 67 91.166 048 45 -45.080 788 32	37.01 37.01	-79.98 254.28 -79.98 254.28	0.56 0.57 0.58 0.56 0.66 11.88 12.37 0.58 0.56 0.66	A 216.8 5.57													
06047-2804	1	F CA	A 28793 B 28793	7.672 0.005 9.449 0.025				91.180 294 61 -28.060 746 34 91.180 269 97 -28.060 861 44	4.42 4.42	-4.34 0.75 -4.34 0.75	0.96 1.28 1.14 0.90 1.04 5.97 5.86 1.14 0.90 1.04	A 191 0.42													



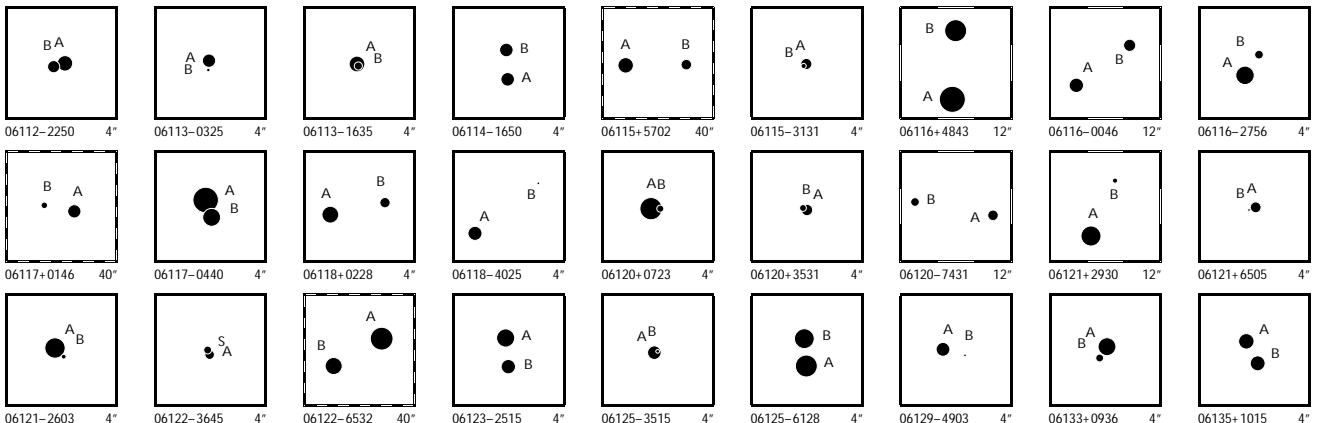
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
06048-4828	1	LCA	A 28796 B 28796	7.357 0.005 7.740 0.007	8.019 0.014 8.439 0.017	7.255 0.012 7.624 0.012		91.194 888 06 91.195 864 77	-48.458 247 42 -48.458 558 63	33.64 33.64	-105.63 -111.09	-23.30 -45.42	0.92 1.02 0.84 1.97 2.01 0.84	0.82 0.89 1.72 1.76	A 115.66	2.587	+0.49	+0.005									
06050-4912	1	FCA	A 28819 B 28819	9.832 0.013 11.597 0.064	10.581 0.035	9.707 0.025		91.259 989 85 91.260 477 23	-49.200 827 13 -49.200 649 01	5.45 5.45	-6.23 -6.23	-7.95 -7.95	2.11 2.20 2.10 18.55 16.74 2.10	2.19 2.56 2.19 2.56	A 61	1.31											
06051+3757	1	FCA	A 28820 D 28820	6.702 0.026 8.274 0.110				91.260 771 71 91.260 744 82	+37.964 296 58 +37.964 250 25	4.32 4.32	-3.08 -3.08	-6.47 -6.47	2.12 2.36 0.90 9.23 7.57 0.90	1.06 0.54 1.06 0.54	A 205	0.18											
06052+0708	1	FCA	A 28832 B 28832	8.402 0.006 9.716 0.018				91.290 703 84 91.290 790 26	+7.128 033 32 +7.128 125 34	2.13 2.13	5.08 5.08	-5.95 -5.95	1.94 1.39 1.64 7.78 5.07 1.64	1.72 1.16 1.72 1.16	A 43	0.45											
06053+2123	1	FCA	A 28843 B 28843	8.645 0.014 11.550 0.195				91.322 002 65 91.321 970 74	+21.387 067 40 +21.386 984 18	3.65 3.65	-4.75 -4.75	-27.00 -27.00	2.49 2.66 1.61 34.80 24.37 1.61	1.89 1.18 1.89 1.18	A 200	0.32											
06053+7400	1	FCA	A 28842 B 28842	7.956 0.014 8.810 0.030				91.316 701 21 91.316 485 47	+73.999 721 55 +73.999 673 43	10.24 10.24	-36.36 -36.36	-31.22 -31.22	1.62 1.74 0.82 3.23 3.95 0.82	0.54 0.83 0.54 0.83	A 231	0.275											
06053-2502	1	FCA	A 28840 B 28840	8.472 0.005 8.517 0.005	8.535 0.013	8.341 0.015		91.316 365 61 91.315 097 19	-25.026 695 02 -25.026 138 58	2.42 2.42	-7.08 -7.08	-3.68 -3.68	1.14 1.54 1.89 1.83 2.12 1.89	1.31 1.86 1.31 1.86	A 295.83	4.597											
06054-2840	1	LCA	A 28852 B 28852	8.357 0.008 8.533 0.009	8.646 0.014 8.892 0.017	8.201 0.014 8.388 0.016		91.352 780 01 91.352 879 17	-28.677 249 63 -28.675 510 41	10.29 10.29	2.42 9.17	-67.66 -66.60	1.53 2.02 1.91 3.38 3.94 1.91	1.45 1.94 2.07 3.05	A 2.86	6.269	+0.06	+0.001									
06056-0447	1	FCA	A 28863 B 28863	8.966 0.021 11.213 0.169	8.939 0.019	8.905 0.023		91.393 402 22 91.393 390 87	-4.784 470 03 -4.784 956 92	3.69 3.69	0.27 0.27	-3.30 -3.30	3.00 2.27 3.07 27.97 17.47 3.07	2.40 2.13 2.40 2.13	A 181	1.75											
06060+1229	1	FCA	A 28894 B 28894	7.812 0.004 10.138 0.032	7.745 0.009	7.755 0.013		91.503 691 55 91.503 037 77	+12.479 367 02 +12.479 326 54	2.77 2.77	2.95 2.95	-10.33 -10.33	1.45 0.98 1.31 10.40 6.02 1.31	1.58 1.00 1.58 1.00	A 266.4	2.30											
06060-5558	1	FCB	A 28895 B 28895	8.250 0.007 11.720 0.163	9.415 0.016	8.208 0.010		91.507 761 33 91.502 309 77	-55.969 445 32 -55.968 188 22	5.63 5.63	-41.36 -41.36	5.96 5.96	0.94 0.88 0.85 28.20 30.70 0.85	1.08 0.91 1.08 0.91	A 292.4	11.88											
06060-6518	1	FCA	A 28891 B 28891	9.407 0.009 10.317 0.019				91.494 624 70 91.494 630 35	-65.307 229 37 -65.307 124 23	4.42 4.42	-10.74 -10.74	17.66 17.66	1.94 1.81 1.40 5.94 4.47 1.40	1.43 1.58 1.43 1.58	A 1	0.379											
06063-5219	1	FCA	A 28924 B 28924	9.033 0.010 9.212 0.012				91.576 910 12 91.577 062 40	-52.321 282 76 -52.321 192 76	2.20 2.20	-2.40 -2.40	9.57 9.57	1.96 1.90 1.48 3.04 2.96 1.48	2.01 1.88 2.01 1.88	A 46.0	0.466											
06065+1045	1	FND D	A 28937 B 28936	7.145 0.042 9.541 0.307	7.113 0.008 9.350 0.030	7.182 0.011 8.951 0.032		91.616 837 80 91.611 270 19	+10.750 336 52 +10.748 478 90	5.29 5.29	4.67 4.67	-21.03 -21.03	2.60 2.22 2.42 88.87 53.33 2.42	3.29 2.10 3.29 2.10	A 251.2	20.80											
06067+2006	1	FCB	A 28958 B 28958	9.526 0.017 10.582 0.043	9.432 0.021	9.344 0.027		91.675 917 58 91.675 822 65	+20.105 117 39 +20.104 758 36	3.28 3.28	-4.11 -4.11	-3.22 -3.22	4.13 2.67 3.72 20.30 15.19 3.72	4.25 2.55 4.25 2.55	A 194	1.33											
06069-0013	1	FCF	A 28982 B 28982	8.505 0.005 12.333 0.163				91.735 213 22 91.735 366 10	-0.215 701 60 -0.215 579 47	0.96 0.96	-4.98 -4.98	-2.11 -2.11	1.71 1.19 1.62 79.48 39.92 1.62	1.53 1.17 1.53 1.17	A 51	0.70											
06073+1848	1	FCA	A 29013 B 29013	8.327 0.010 9.783 0.037				91.833 257 12 91.833 277 96	+18.793 798 19 +18.793 712 60	2.59 2.59	1.33 1.33	-20.32 -20.32	1.83 1.98 1.71 6.39 5.30 1.71	1.74 1.07 1.74 1.07	A 167	0.316											
06073-0157	1	FCA	A 29015 B 29015	8.394 0.006 10.850 0.058				91.834 103 72 91.834 086 45	-1.951 214 35 -1.951 361 36	3.67 3.67	-9.94 -9.94	-6.39 -6.39	1.68 1.59 1.62 17.98 15.24 1.62	1.72 1.38 1.72 1.38	A 187	0.53											
06074+0209	1	LCA	A 29020 B 29021	8.635 0.008 10.806 0.049	8.846 0.020	8.613 0.022		91.853 163 91 91.855 566 62	+2.142 098 98 +2.139 438 22	-1.79 1.04	7.56 35.34	2.70 18.86	2.42 1.81 2.13 23.19 18.17 16.05	2.43 1.88 19.52 16.04	A 137.9	12.90	-0.1	+0.01									
06074+3616	1	FCA	A 29024 B 29024	7.058 0.004 9.510 0.033	6.979 0.007	6.985 0.008		91.857 673 40 91.857 157 02	+36.274 642 65 +36.274 703 46	2.76 2.76	-2.12 -2.12	1.43 1.43	1.01 0.75 1.14 10.11 5.32 1.14	1.32 0.73 1.32 0.73	A 278.3	1.51											
06074-2112	1	FCB	A 29018 B 29018	8.662 0.094 10.871 0.719				91.847 761 09 91.847 806 27	-21.199 726 92 -21.199 744 19	4.71 4.71	8.64 8.64	-8.37 -8.37	8.47 4.25 1.20 37.83 35.74 1.20	0.81 0.94 0.81 0.94	A 112	0.16											
06076+2152	1	FCA	A 29041 B 29041	7.853 0.004 10.772 0.050				91.912 060 17 91.912 149 89	+21.873 182 26 +21.873 058 54	0.85 0.85	-0.78 -0.78	-3.93 -3.93	1.39 0.97 1.34 20.42 11.84 1.34	1.34 0.84 1.34 0.84	A 146	0.54											
06078+4240	1	FCA	A 29062 B 29062	7.399 0.003 8.495 0.009				91.960 823 06 91.960 767 38	+42.665 710 65 +42.665 602 93	4.67 4.67	-1.39 -1.39	-0.62 -0.62	1.40 0.82 1.29 4.00 1.87 1.29	1.33 0.71 1.33 0.71	A 201	0.415											
06079-3839	1	FCA	A 29065 B 29065	8.784 0.018 11.392 0.203				91.972 364 22 91.972 465 00	-38.643 832 14 -38.643 811 59	5.46 5.46	9.44 9.44	-1.41 -1.41	3.57 3.22 1.12 22.19 37.82 1.12	1.08 1.10 1.08 1.10	A 75	0.29											
06079-4429	1	FCF	A 29069 B 29069	8.374 0.010 12.485 0.426	8.458 0.008	8.340 0.009		91.984 566 08 91.985 288 61	-44.478 327 64 -44.478 118 88	4.73 4.73	12.84 12.84	17.48 17.48	1.08 1.09 1.12 35.89 43.45 1.12	1.04 1.21 1.04 1.21	A 68	2.00											
06080+2118	1	FCB	A 29077 B 29077	7.412 0.003 11.174 0.099	7.742 0.007	7.346 0.008		92.010 050 71 92.010 586 27	+21.295 441 06 +21.296 199 29	8.90 8.90	-36.43 -36.43	-4.77 -4.77	1.15 0.78 1.20 37.24 25.27 1.20	1.18 0.76 1.18 0.76	A 33	3.27											
06081+3714	1	FCA	A 29084 B 29084	9.778 0.008 10.514 0.015	9.966 0.025 10.264 0.046	9.452 0.028 9.885 0.043		92.028 948 78 92.028 950 37	+37.241 831 91 +37.241 024 91	6.90 6.90	-29.90 -29.90	-18.33 -18.33	2.24 1.53 2.38 8.21 4.72 2.38	2.88 1.63 2.88 1.63	A 179.9	2.91											



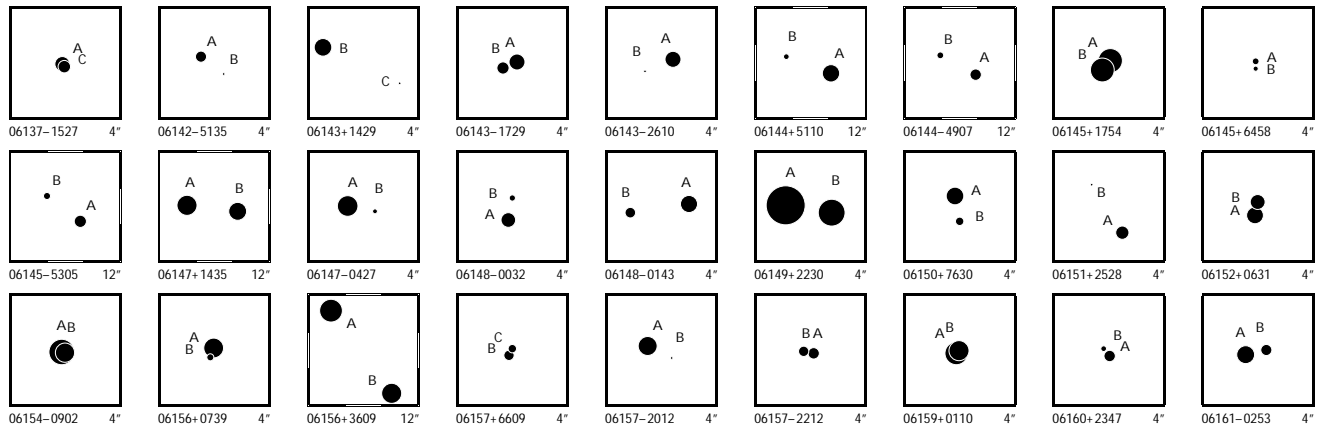
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
06081-2525	1	F CA	D	A 29087 C 29087	7.652 0.005 10.630 0.077	7.835 0.006	7.555 0.007	92.036 056 20 92.036 211 61	-25.416 237 54 -25.415 978 61	9.82 9.82	5.26 5.26	30.31 30.31	0.76 1.05 1.25 0.88 1.14 13.78 23.69 1.25 0.88 1.14	A 28	1.06													
06082+3759	1	F CA	A	A 29090 B 29090	7.240 0.003 9.827 0.031	7.346 0.007	7.166 0.008	92.048 730 24 92.048 415 91	+37.982 747 80 +37.983 168 64	4.52 4.52	-12.17 -12.17	-9.12 -9.12	1.08 0.81 1.14 1.38 0.76 10.97 7.06 1.14 1.38 0.76	A 329.5	1.76													
06083-4945	1	F CA	A	A 29107 B 29107	8.280 0.005 9.387 0.013			92.077 400 40 92.077 306 03	-49.746 621 06 -49.746 497 64	5.84 5.84	4.45 4.45	11.87 11.87	1.12 1.20 1.01 1.04 1.18 4.05 3.85 1.01 1.04 1.18	A 333.7	0.496													
06084+1358	1	F CA	A	A 29126 B 29126	7.282 0.007 8.180 0.015	7.078 0.032	7.185 0.034	92.126 523 37 92.127 216 70	+13.971 066 22 +13.970 820 94	2.66 2.66	-3.26 -3.26	-1.76 -1.76	1.89 1.22 1.60 2.16 1.30 5.89 3.11 1.60 2.16 1.30	A 110.0	2.58													
06084-1109	1	F NC	G	A 29118 B 29118 C 29118	6.936 0.005 9.788 0.048 10.814 0.150	7.056 0.004 10.063 0.065	6.879 0.006 9.339 0.054	92.105 779 45 92.105 610 53 92.103 043 37	-11.146 256 66 -11.147 217 63 -11.146 861 46	13.02 13.02 13.02	12.41 12.41 12.41	-12.91 -12.91 -12.91	0.85 0.73 1.28 0.97 0.88 9.09 8.58 1.28 0.97 0.88 27.19 26.64 1.28 0.97 0.88	A 189.8 A 257.3	3.51 9.91													
06088-5208	1	F CA	B	A 29142 A 29142	8.495 0.025 9.316 0.053			92.202 580 70 92.202 496 93	-52.135 812 36 -52.135 731 78	11.91 11.91	-13.43 -13.43	65.66 65.66	2.81 3.82 0.97 1.27 1.23 5.35 5.90 0.97 1.27 1.23	B 327	0.344													
06089-1238	1	F CA	A	A 29145 B 29145	9.371 0.008 11.845 0.077			92.230 079 97 92.230 211 26	-12.633 261 75 -12.633 213 67	0.56 0.56	2.34 2.34	-1.60 -1.60	2.05 1.62 1.95 1.97 1.52 15.54 15.17 1.95 1.97 1.52	A 69	0.49													
06090+0230	1	IND	D	A 29151 B 29154	5.732 0.006 6.928 0.014	5.769 0.004 6.918 0.008	5.695 0.004 6.859 0.008	92.241 268 44 92.248 674 94	+2.499 726 75 +2.496 422 66	5.35 5.87	-1.75 -1.11	-14.17 -10.79	1.45 1.17 1.22 1.47 1.08 6.31 4.66 3.51 4.05 3.01	A 114.06	29.173	-0.01	-0.001											
06091+0703	1	F CA	A	A 29167 B 29167	8.565 0.007 10.991 0.060	8.613 0.011	8.503 0.014	92.282 643 98 92.284 850 31	+7.055 426 83 +7.057 251 66	2.28 2.28	1.57 1.57	-5.50 -5.50	1.50 1.09 1.49 1.60 1.12 15.07 11.54 1.49 1.60 1.12	A 50.2	10.26													
06091+5225	1	F CB	A	A 29160 B 29160	8.781 0.012 12.327 0.307	10.225 0.036	8.747 0.019	92.267 887 67 92.266 875 79	+52.421 251 48 +52.421 036 11	3.49 3.49	9.08 9.08	-13.98 -13.98	1.95 1.28 2.00 2.02 1.20 47.95 25.67 2.00 2.02 1.20	A 251	2.35													
06092-1404	1	F CA	A	A 29170 B 29170	7.705 0.003 9.585 0.015			92.291 494 45 92.291 757 58	-14.065 397 77 -14.065 372 01	8.14 8.14	-3.12 -3.12	-5.33 -5.33	0.89 0.78 1.08 1.01 0.93 5.05 3.93 1.08 1.01 0.93	A 84.2	0.924													
06094+1711	1	F CC	P	A 29186 B 29186	8.859 0.017 12.336 0.369	9.062 0.017	8.878 0.019	92.354 898 05 92.355 087 28	+17.183 290 22 +17.184 158 25	-2.91 -2.91	3.85 3.85	-4.98 -4.98	2.21 1.48 2.23 2.53 1.52 74.35 39.96 2.23 2.53 1.52	A 12	3.19													
06095-4621	1	F CB	A	A 29195 B 29195	8.972 0.007 12.267 0.152	8.887 0.012	8.927 0.015	92.373 835 48 92.370 480 89	-46.347 716 45 -46.347 406 23	2.83 2.83	-5.38 -5.38	13.41 13.41	1.20 1.20 1.23 1.19 1.24 34.12 37.60 1.23 1.19 1.24	A 277.6	8.41													
06096+0540	1	F CA	C	A 29200 C 29200	9.483 0.017 9.604 0.019			92.388 714 02 92.388 633 56	+5.663 278 38 +5.663 343 49	8.24 8.24	1.68 1.68	-15.04 -15.04	5.20 3.77 3.54 3.83 2.98 8.13 5.54 3.54 3.83 2.98	A 309	0.37													
06096+2630	1	F CA	B	A 29209 B 29209	10.706 0.013 10.923 0.016			92.399 924 97 92.399 995 80	+26.497 113 51 +26.496 860 48	8.01 8.01	8.69 8.69	-11.96 -11.96	7.61 5.22 6.00 7.54 4.70 12.06 7.89 6.00 7.54 4.70	A 166	0.94													
06096-3411	1	F CA	A	A 29214 B 29214	8.908 0.021 9.745 0.046			92.408 569 95 92.408 494 69	-34.180 218 55 -34.180 164 68	2.45 2.45	-5.30 -5.30	-0.76 -0.76	2.82 2.96 0.99 0.79 1.03 5.31 6.31 0.99 0.79 1.03	A 311	0.30													
06097+2307	1	F CA	P	A 29225 B 29225	5.896 0.005 8.477 0.038			92.433 272 40 92.433 227 70	+23.113 469 66 +23.113 632 11	-0.51 -0.51	-1.05 -1.05	-1.43 -1.43	1.19 0.83 1.15 1.08 0.74 9.40 4.82 1.15 1.08 0.74	A 346	0.60													
06097+2914	1	F CA	A	A 29224 B 29224	8.257 0.005 9.431 0.013			92.430 996 02 92.430 924 93	+29.238 503 86 +29.238 645 98	6.81 6.81	-2.71 -2.71	-34.36 -34.36	1.82 1.42 1.80 1.94 1.22 5.04 4.13 1.80 1.94 1.22	A 336.4	0.558													
06098-2246	1	L CA	A	A 29234 B 29234	6.555 0.023 6.568 0.023			92.449 579 47 92.449 641 06	-22.774 506 37 -22.774 474 68	18.48 18.48	77.61 97.83	78.68 42.63	3.04 2.14 0.74 1.21 1.91 3.27 2.70 0.74 1.23 2.10	A 61	0.234	+10	0.000											
06099-2538	1	F CB	A	A 29241 B 29241	7.826 0.005 11.319 0.120	8.358 0.008	7.762 0.007	92.484 015 63 92.484 504 44	-25.625 826 28 -25.625 720 49	19.82 19.82	-25.43 -25.43	35.60 35.60	0.80 1.15 1.32 0.96 1.34 28.50 44.42 1.32 0.96 1.34	A 77	1.63													
06102+8131	1	F CA	A	A 29269 B 29269	9.322 0.006 10.719 0.021			92.554 759 90 92.554 437 37	+81.513 727 45 +81.513 554 49	11.30 11.30	-91.91 -91.91	-364.99 -364.99	1.34 1.47 1.63 1.35 1.45 6.32 5.58 1.63 1.35 1.45	A 195	0.65													
06105+2300	1	F CA	A	A 29288 B 29288	7.449 0.034 7.800 0.047			92.624 758 67 92.624 708 70	+22.997 895 47 +22.997 858 20	3.82 3.82	-6.04 -6.04	-1.57 -1.57	4.00 2.87 1.28 1.18 0.81 6.44 4.25 1.28 1.18 0.81	A 231	0.213													
06105-6728	1	F CA	A	A 29290 B 29290	9.677 0.006 11.121 0.021			92.627 290 83 92.627 519 17	-67.464 612 07 -67.464 856 51	0.09 0.09	-2.57 -2.57	6.58 6.58	1.40 1.54 1.46 1.36 1.56 7.12 7.17 1.46 1.36 1.56	A 160.3	0.93													
06107-2021	1	F CA	A	A 29306 B 29306	8.291 0.007 10.919 0.073	8.201 0.009	8.220 0.011	92.669 504 39 92.669 459 66	-20.351 918 46 -20.351 571 35	4.37 4.37	-4.72 -4.72	9.03 9.03	1.09 1.11 1.39 1.10 1.09 11.43 16.67 1.39 1.10 1.09	A 353	1.26													
06109+1019	1	F CA	A	A 29316 B 29316	10.593 0.028 12.653 0.181			92.728 196 25 92.728 493 59	+10.320 318 41 +10.320 959 65	92.77 92.77	57.62 57.62	-926.70 -926.70	6.98 5.48 4.56 6.64 5.21 44.02 26.58 4.56 6.64 5.21	A 25	2.54													
06111+2453	1	F CA	A	A 29334 B 29334	8.678 0.009 10.136 0.033	8.600 0.013 10.224 0.042	8.634 0.017 9.858 0.048	92.770 289 20 92.770 204 73	+24.882 321 21 +24.883 941 61	0.41 0.41	-2.80 -2.80	-6.67 -6.67	2.14 1.54 2.04 2.90 1.77 9.71 6.13 2.04 2.90 1.77	A 357.3	5.84													
06111+2535	1	F CB	A	A 29338 B 29338	10.045 0.169 11.247 0.511			92.777 508 63 92.777 500 27	+25.575 569 90 +25.575 525 70	0.11 0.11	-0.93 -0.93	-4.61 -4.61	7.00 14.74 1.59 2.46 1.37 20.57 31.64 1.59 2.46 1.37	A 190	0.16													



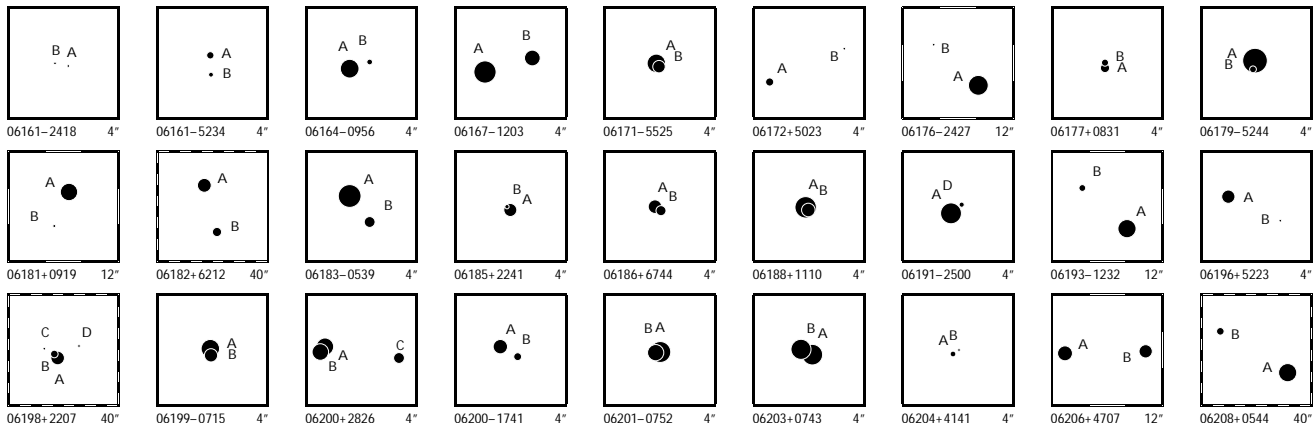
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
06112-2250	1	F CA	A 29343 B 29343	8.568 0.007 9.315 0.014				92.803 968 03 92.804 084 98	-22.828 178 35 -22.828 209 47	0.60 0.60	-5.55 0.32 -5.55 0.32	1.44 1.62 1.64 3.12 4.26 1.64	1.27 1.45 1.27 1.45	A 106	0.404												
06113-0325	1	F CA	A 29359 B 29359	9.045 0.014 11.247 0.102				92.825 260 81 92.825 264 95	-3.417 787 83 -3.417 888 63	0.71 0.71	-3.30 -2.91 -3.30 -2.91	1.96 2.99 1.72 14.43 15.05 1.72	1.88 1.41 1.88 1.41	A 178	0.36												
06113-1635	1	F CC	A 29362 B 29362	8.509 0.359 10.211 1.722				92.835 484 81 92.835 467 16	-16.589 986 79 -16.590 012 71	1.55 1.55	-1.46 -2.22 -1.46 -2.22	10.21 17.51 1.16 56.23 66.30 1.16	1.09 0.87 1.09 0.87	A 213	0.11												
06114-1650	1	F NB	A 29368 B 29368	8.981 0.003 8.994 0.003				92.852 666 18 92.852 676 85	-16.828 562 97 -16.828 262 72	1.22 1.22	-8.65 -1.74 -8.65 -1.74	1.33 1.20 1.92 1.50 1.48 1.92	1.88 1.46 1.88 1.46	A 1.9	1.081												
06115+5702	1	I CA	A 29377 B 29372	8.582 0.044 9.634 0.092	9.073 0.015 11.831 0.141	8.464 0.014 9.787 0.037		92.881 441 73 92.870 147 79	+57.025 659 69 +57.025 664 02	5.97 -2.51	-9.39 -75.50 -14.59 4.18	4.51 3.54 4.17 49.26 27.00 8.56	5.19 3.30 35.80 21.09	A 270.0	22.13	+0.2	+0.01										
06115-3131	1	F CA	A 29380 B 29380	9.512 0.130 10.887 0.460				92.886 950 84 92.886 992 07	-31.519 472 15 -31.519 496 04	5.65 5.65	-3.36 -1.80 -3.36 -1.80	6.91 7.21 1.00 30.40 23.71 1.00	0.73 0.99 0.73 0.99	A 124	0.15												
06116+4843	1	F CA	A 29388 B 29388	6.222 0.003 7.120 0.008	6.252 0.006	6.172 0.007		92.902 410 65 92.902 246 23	+48.711 124 68 +48.713 230 78	10.49 10.49	14.30 -55.85 14.30 -55.85	0.92 0.60 0.96 3.45 1.93 0.96	0.98 0.58 0.98 0.58	A 357.05	7.592												
06116-0046	1	F CA	A 29384 B 29384	8.821 0.012 9.313 0.018	8.769 0.017 9.306 0.026	8.802 0.021 9.281 0.034		92.891 102 85 92.889 470 89	-0.767 116 68 -0.765 901 83	0.55 0.55	-2.36 -0.30 -2.36 -0.30	2.35 1.89 2.24 6.13 4.70 2.24	2.01 1.72 2.01 1.72	A 306.67	7.32												
06116-2756	1	F CA	A 29389 B 29389	7.896 0.004 10.069 0.026				92.903 994 92 92.903 840 03	-27.928 127 49 -27.927 913 16	12.41 12.41	30.53 63.45 30.53 63.45	0.84 0.99 1.17 7.64 9.93 1.17	1.02 1.10 1.02 1.10	A 327.4	0.92												
06117+0146	1	I CA	A 29392 B 29395	9.054 0.008 10.573 0.031	9.226 0.017 10.927 0.089	9.006 0.019 10.306 0.079		92.918 775 72 92.921 830 06	+1.765 442 03 +1.766 090 62	5.86 13.15	1.41 -6.51 -0.88 -13.75	3.46 2.33 3.03 15.52 10.77 9.81	3.71 2.51 13.83 9.82	A 78.01	11.24	+0.03	0.00										
06117-0440	1	F CA	A 29401 B 29401	6.370 0.003 8.044 0.011				92.932 166 82 92.932 104 10	-4.665 431 56 -4.665 616 30	5.52 5.52	-7.12 -3.38 -7.12 -3.38	1.08 0.84 1.09 4.70 3.34 1.09	1.01 0.81 1.01 0.81	A 198.7	0.702												
06118+0228	1	F CA	A 29403 B 29403	8.273 0.005 9.740 0.020	8.094 0.010	8.115 0.012		92.940 503 42 92.939 937 40	+2.471 091 79 +2.471 212 65	3.03 3.03	-5.13 -2.97 -5.13 -2.97	1.85 1.25 1.82 7.87 5.61 1.82	1.82 1.25 1.82 1.25	A 282.1	2.08												
06118-4025	1	F CB	A 29408 B 29408	8.886 0.008 12.135 0.166	9.734 0.020	8.793 0.015		92.951 005 12 92.950 146 56	-40.418 165 26 -40.417 651 61	2.18 2.18	-8.54 4.99 -8.54 4.99	1.14 1.32 1.33 28.83 35.97 1.33	1.13 1.58 1.13 1.58	A 308	2.99												
06120+0723	1	F CB	A 29429 B 29429	7.068 0.023 10.418 0.506				92.994 693 97 92.994 598 21	+7.391 326 37 +7.391 323 06	1.11 1.11	1.51 -2.37 1.51 -2.37	3.53 1.19 1.50 57.68 22.67 1.50	1.57 0.99 1.57 0.99	A 268	0.34												
06120+3531	1	F CA	A 29428 B 29428	9.486 0.127 10.478 0.316				92.993 272 55 92.993 327 47	+35.515 578 80 +35.515 601 75	1.82 1.82	0.37 -0.90 0.37 -0.90	11.87 6.56 1.36 31.32 18.58 1.36	1.51 0.81 1.51 0.81	A 63	0.18												
06120-7431	1	F CA	A 29431 B 29431	9.689 0.009 10.085 0.013	10.391 0.040 10.708 0.057	9.555 0.030 10.030 0.046		92.995 527 81 93.004 454 43	-74.514 144 05 -74.513 746 92	9.77 9.77	-0.42 -36.83 -0.42 -36.83	1.74 1.86 1.66 4.10 4.89 1.66	1.65 1.81 1.65 1.81	A 80.54	8.699												
06121+2930	1	F CA	A 29435 B 29435	7.557 0.005 10.835 0.089	8.928 0.016	7.538 0.010		93.022 865 84 93.022 033 56	+29.492 153 84 +29.493 867 25	3.20 3.20	-0.88 -3.42 -0.88 -3.42	1.21 0.94 1.25 26.33 16.10 1.25	1.38 0.88 1.38 0.88	A 337.1	6.70												
06121+6505	1	F CA	A 29438 B 29438	9.604 0.032 11.834 0.252				93.031 732 26 93.031 881 35	+65.080 111 87 +65.080 090 82	4.39 4.39	-16.88 -45.61 -16.88 -45.61	3.39 3.26 1.57 28.28 26.22 1.57	1.23 1.19 1.23 1.19	A 109	0.24												
06121-2603	1	F CB	A 29437 B 29437	7.479 0.005 10.926 0.120				93.031 236 31 93.031 131 51	-26.049 917 94 -26.050 003 42	3.68 3.68	-32.40 8.90 -32.40 8.90	1.05 1.20 1.06 22.89 30.00 1.06	0.79 0.98 0.79 0.98	A 228	0.46												
06122-3645	1	F CA	A 29443 S 29443	9.896 0.098 10.255 0.137				93.059 052 98 93.059 071 17	-36.756 362 78 -36.756 313 64	5.19 5.19	42.27 -89.82 42.27 -89.82	6.30 8.64 1.05 8.34 11.61 1.05	0.73 1.12 0.73 1.12	A 17	0.18												
06122-6532	1	I CA	A 29439 B 29444	6.961 0.026 8.238 0.071	7.355 0.006 8.795 0.018	6.855 0.006 8.221 0.016		93.046 677 17 93.058 663 94	-65.531 516 86 -65.534 357 24	16.49 23.42	28.08 150.89 23.02 167.56	1.87 1.83 1.46 24.66 21.53 6.63	1.95 1.84 9.21 8.73	A 119.78	20.59	-0.03	-0.01										
06123-2515	1	F CA	A 29449 B 29449	8.004 0.004 8.841 0.009				93.073 760 80 93.073 734 11	-25.245 048 31 -25.245 342 75	8.89 8.89	-3.06 8.67 -3.06 8.67	0.83 1.17 1.45 2.96 3.47 1.45	0.96 1.35 0.96 1.35	A 184.7	1.064												
06125-3515	1	F CC	A 29462 B 29462	9.016 0.187 11.166 1.356				93.114 174 67 93.114 125 07	-35.255 942 35 -35.255 922 35	2.45 2.45	-7.81 1.30 -7.81 1.30	13.35 7.41 0.91 90.89 71.42 0.91	0.79 0.97 0.79 0.97	A 296	0.16												
06125-6128	1	L CA	A 29468 B 29468	7.117 0.004 7.598 0.006				93.134 165 92 93.134 213 78	-61.474 076 91 -61.473 794 19	4.31 4.31	0.35 11.22 0.99 15.06	1.03 0.81 0.78 2.08 1.91 0.78	0.88 0.79 1.26 1.17	A 4.6	1.021	0.0	+0.004										
06129-4903	1	F CA	A 29498 B 29498	8.936 0.006 12.026 0.095				93.233 217 27 93.232 873 44	-49.054 729 40 -49.054 790 61	7.91 7.91	-47.82 167.56 -47.82 167.56	1.02 0.99 1.00 15.97 17.57 1.00	1.18 1.12 1.18 1.12	A 255	0.84												
06133+0936	1	F CA	A 29529 B 29529	8.018 0.004 10.266 0.028				93.315 772 31 93.315 854 62	+9.598 013 25 +9.597 901 13	3.42 3.42	-2.80 5.30 -2.80 5.30	1.44 1.03 1.23 12.12 6.44 1.23	1.42 0.95 1.42 0.95	A 144	0.50												
06135+1015	1	F CA	A 29537 B 29537	8.558 0.007 8.729 0.008				93.364 766 86 93.364 646 01	+10.248 036 07 +10.247 808 46	7.45 7.45	-1.04 -22.63 -1.04 -22.63	3.57 2.67 3.03 6.16 3.63 3.03	4.32 2.89 4.32 2.89	A 207.6	0.924												



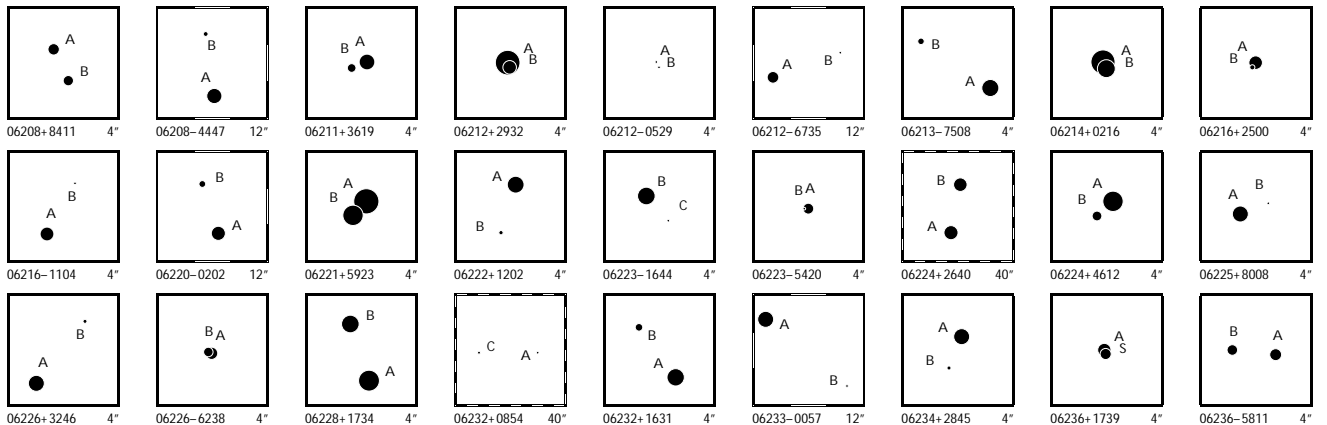
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06137-1527	1	F CA	A 29557 C 29557	8.695 0.148 9.257 0.248							93.418 894 16 93.418 873 32	-15.452 703 06 -15.452 736 97	3.76 3.76	-8.56 -8.56	-0.61 -0.61	6.83 8.46 1.05 16.39 15.76 1.05	1.17 1.06 1.17 1.06					A 211	0.14		
06142-5135	1	F CA	A 29595 B 29595	9.531 0.007 11.686 0.046	10.059 0.025	9.382 0.021					93.555 275 57 93.554 903 70	-51.584 703 05 -51.584 883 80	6.76 6.76	12.14 12.14	36.13 36.13	1.53 1.26 1.44 14.82 13.17 1.44	1.64 1.63 1.64 1.63					A 232	1.06		
06143+1429	1	F CB	B 29599 C 29599	8.079 0.005 11.517 0.126	8.347 0.012	8.049 0.013					93.561 238 66 93.560 426 55	+14.448 616 32 +14.448 248 34	4.20 4.20	3.59 3.59	-20.04 -20.04	1.55 0.99 1.45 35.85 22.02 1.45	1.71 1.04 1.71 1.04					B 245	3.13		
06143-1729	1	L CA	A 29601 B 29601	8.463 0.004 9.286 0.008							93.573 500 08 93.573 654 62	-17.479 848 54 -17.479 909 07	13.36 13.36	47.11 36.60	-70.81 -58.81	1.64 1.47 1.85 3.75 3.81 1.85	1.40 1.21 2.69 2.50					A 112.3	0.574	-0.7	-0.014
06143-2610	1	F CB	A 29603 B 29603	8.459 0.007 12.136 0.217	8.494 0.009	8.418 0.011					93.576 494 10 93.576 813 41	-26.163 527 24 -26.163 646 36	5.68 5.68	9.60 9.60	10.32 10.32	1.00 1.22 1.50 41.34 47.00 1.50	1.18 1.36 1.18 1.36					A 113	1.12		
06144+5110	1	F CA	A 29609 B 29609	8.143 0.006 10.751 0.060	8.097 0.010	8.085 0.012					93.593 044 17 93.595 258 79	+15.166 486 81 +15.167 023 05	2.99 2.99	-3.12 -3.12	-1.49 -1.49	1.31 0.89 1.39 16.95 10.12 1.39	1.36 0.86 1.36 0.86					A 68.9	5.36		
06144-4907	1	F CA	A 29608 B 29608	9.478 0.007 10.519 0.017	9.909 0.023	9.336 0.021					93.589 669 29 93.591 323 31	-49.112 475 92 -49.111 876 62	7.34 7.34	-13.32 -13.32	-8.06 -8.06	1.48 1.48 1.45 5.24 5.30 1.45	1.61 1.67 1.61 1.67					A 61.0	4.45		
06145+1754	1	F CA	A 29616 B 29616	6.674 0.005 6.702 0.005							93.619 104 15 93.619 191 95	+17.906 378 42 +17.906 275 87	7.21 7.21	-2.89 -2.89	-10.63 -10.63	1.67 1.21 1.78 2.77 1.60 1.78	2.06 1.25 2.06 1.25					A 140.8	0.476		
06145+6458	1	F CA	A 29621 B 29621	10.511 0.030 10.856 0.042							93.629 886 50 93.629 874 53	+64.969 024 78 +64.968 946 25	4.57 4.57	1.78 1.78	-16.49 -16.49	2.37 4.43 1.74 4.79 6.56 1.74	1.32 1.43 1.32 1.43					A 184	0.283		
06145-5305	1	F CA	A 29622 B 29622	9.270 0.006 10.432 0.017	9.858 0.021	9.147 0.018					93.629 023 18 93.630 721 46	-53.079 516 83 -53.078 739 80	7.18 7.18	33.22 33.22	37.98 37.98	1.32 1.15 1.26 6.20 4.71 1.26	1.21 1.52 1.21 1.52					A 52.7	4.62		
06147+1435	1	F CA	A 29636 B 29636	7.560 0.005 8.036 0.008	7.464 0.018	7.491 0.019					93.677 780 37 93.676 176 19	+14.586 348 20 +14.586 171 89	1.11 1.11	4.13 4.13	-21.75 -21.75	1.87 1.20 1.82 3.85 2.15 1.82	2.01 1.27 2.01 1.27					A 263.52	5.625		
06147-0427	1	F CB	A 29638 B 29638	7.440 0.005 10.910 0.127	8.755 0.013	7.372 0.008					93.683 323 28 93.683 044 89	-4.448 931 63 -4.448 993 10	3.83 3.83	-0.54 -0.54	-3.24 -3.24	1.84 1.13 1.27 34.41 23.84 1.27	1.82 1.17 1.82 1.17					A 258	1.02		
06148-0032	1	F CA	A 29641 B 29641	8.777 0.004 10.610 0.022							93.696 277 74 93.696 234 26	-0.541 526 92 -0.541 308 32	2.99 2.99	-4.77 -4.77	-3.32 -3.32	1.92 1.25 1.82 9.53 6.71 1.82	1.51 1.16 1.51 1.16					A 349	0.80		
06148-0143	1	F CA	A 29645 B 29645	8.231 0.005 9.667 0.020	8.802 0.019	8.134 0.014					93.701 352 12 93.701 956 38	-1.718 418 61 -1.718 510 46	0.31 0.31	-0.25 -0.25	-4.53 -4.53	1.52 1.18 1.51 6.33 5.45 1.51	1.38 1.12 1.38 1.12					A 98.6	2.20		
06149+2230	1	L CB W	A 29655 B 29655	3.382 0.014 6.070 0.149	5.358 0.011	3.485 0.008					93.719 569 52 93.719 063 77	+22.506 823 76 +22.506 746 88	9.34 9.34	-62.53 -12.73	-10.24 25.77	2.24 1.58 1.99 43.66 29.24 1.99	2.46 1.57 22.88 13.92					A 260.7	1.70	+0.9	-0.05
06150+7630	1	F NB	A 29670 B 29670	8.083 0.006 10.167 0.037							93.755 810 68 93.755 610 70	+76.505 378 63 +76.505 116 04	7.56 7.56	-9.97 -9.97	-3.60 -3.60	0.94 1.15 1.26 7.04 8.62 1.26	0.95 1.02 0.95 1.02					A 190.1	0.96		
06151+2528	1	L CA	A 29680 B 29680	9.062 0.009 11.761 0.109	10.132 0.036	9.042 0.023					93.786 941 36 93.787 298 45	+25.465 025 09 +25.465 514 67	1.34 1.34	-4.21 -12.65	-5.84 34.46	2.67 1.74 2.42 31.12 17.99 2.42	2.14 1.38 17.41 12.86					A 33.4	2.11	-0.8	+0.03
06152+0631	1	F CA	A 29685 B 29685	8.262 0.004 8.704 0.006							93.806 794 79 93.806 769 56	+6.515 949 70 +6.516 087 37	4.59 4.59	0.42 0.42	-16.13 -16.13	1.65 1.20 1.62 2.92 1.72 1.62	1.56 1.15 1.56 1.15					A 349.7	0.504		
06154-0902	1	F CA	A 29705 B 29705	6.337 0.135 7.734 0.487							93.858 991 58 93.858 960 96	-9.035 750 08 -9.035 754 81	4.27 4.27	-13.31 -13.31	-2.47 -2.47	8.10 3.81 0.77 20.11 10.80 0.77	0.71 0.65 0.71 0.65					A 261	0.11		
06156+0739	1	F CA	A 29719 B 29719	7.605 0.003 10.455 0.042							93.898 760 68 93.898 797 34	+7.652 272 10 +7.652 174 95	1.48 1.48	0.87 0.87	-2.31 -2.31	1.11 0.88 0.97 13.87 7.78 0.97	1.16 0.76 1.16 0.76					A 159	0.37		
06156+3609	1	I CA	A 29725 B 29723	6.964 0.007 7.557 0.012	7.351 0.007	6.899 0.008					93.912 731 42 93.910 421 75	+36.148 681 02 +36.146 135 88	20.70 15.01	-58.49 -73.33	3.77 6.12	2.73 1.88 2.44 7.18 4.56 4.66	1.60 1.96 6.84 3.73					A 216.23	11.36	+0.07	+0.01
06157+6609	1	F CA	B 29737 C 29737	9.717 0.044 10.153 0.066							93.937 613 37 93.937 524 32	+66.135 450 28 +66.135 512 65	5.89 5.89	4.34 4.34	-32.19 -32.19	3.55 5.28 1.53 5.97 8.30 1.53	1.04 1.20 1.04 1.20					B 330	0.26		
06157-2012	1	F CC	A 29733 B 29733	7.790 0.005 11.665 0.187							93.924 102 72 93.923 843 92	-20.201 704 11 -20.201 820 63	2.64 2.64	2.16 2.16	15.56 15.56	0.86 0.89 1.12 30.15 38.59 1.12	0.83 0.89 0.83 0.89					A 244	0.97		
06157-2212	1	F CA	A 29732 B 29732	9.480 0.013 9.697 0.016							93.922 931 65 93.923 040 78	-22.192 231 00 -22.192 215 76	0.69 0.69	5.24 5.24	0.63 0.63	2.37 2.30 2.36 3.28 4.01 2.36	2.02 1.81 2.02 1.81					A 81	0.368		
06159+0110	1	F CA	A 29746 B 29746	6.958 0.138 7.553 0.239							93.974 913 33 93.974 883 81	+1.168 997 79 +1.169 016 56	10.76 10.76	-6.51 -6.51	30.36 30.36	8.16 5.11 0.77 13.40 8.63 0.77	0.69 0.53 0.69 0.53					A 302	0.13		
06160+2347	1	F CA	A 29757 B 29757	9.468 0.018 10.769 0.061							94.000 570 51 94.000 628 98	+23.783 249 17 +23.783 325 95	-0.16 -0.16	-3.06 -3.06	-4.38 -4.38	4.31 3.30 2.16 16.40 10.70 2.16	2.51 1.65 2.51 1.65					A 35	0.34		
06161-0253	1	F CA	A 29770 B 29770	8.049 0.004 9.522 0.013							94.031 673 08 94.031 461 36	-2.882 174 84 -2.882 122 29	2.70 2.70	-0.73 -0.73	-1.68 -1.68	1.53 1.11 1.30 5.03 4.22 1.30	1.33 1.09 1.33 1.09					A 284.0	0.784		



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors				Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06161-2418	1	F C B	A 29773 B 29773	12.044 0.015 13.539 0.055				94.035 526 97 -24.295 748 80 94.035 683 66 -24.295 722 07	11.91 11.91	1.75 -189.22 1.75 -189.22	3.06 3.59 4.69 3.43 3.80 18.96 28.39 4.69 3.43 3.80	A 79 0.52														
06161-5234	1	F C A	A 29769 B 29769	10.375 0.008 10.937 0.012			94.029 209 18 -52.570 554 07 94.029 193 93 -52.570 753 87	5.59 5.59	0.27 7.71 0.27 7.71	1.91 2.21 2.07 1.79 2.50 5.38 4.18 2.07 1.79 2.50	A 182.7 0.720															
06164-0956	1	F C A	A 29794 B 29794	7.837 0.004 10.722 0.048			94.095 493 08 -9.935 160 29 94.095 277 33 -9.935 096 27	1.07 1.07	-4.05 -9.70 -4.05 -9.70	1.24 1.06 1.33 1.32 1.12 17.05 14.41 1.33 1.32 1.12	A 287 0.80															
06167-1203	1	F C A	A 29811 B 29811	7.109 0.003 8.520 0.009	7.406 0.010 8.627 0.018	6.987 0.009 8.268 0.018	94.173 468 99 -12.047 185 48 94.172 967 70 -12.047 047 54	3.19 3.19	-9.98 -35.97 -9.98 -35.97	1.01 0.90 1.15 0.96 0.98 3.46 3.14 1.15 0.96 0.98	A 285.7 1.833															
06171-5525	1	F C A	A 29845 B 29845	7.911 0.109 9.261 0.379			94.269 605 35 -55.414 699 42 94.269 565 30 -55.414 728 44	4.62 4.62	-12.51 4.25 -12.51 4.25	4.45 6.06 0.62 0.65 0.69 16.46 16.63 0.62 0.65 0.69	A 218 0.13															
06172+5023	1	F N D	A 29853 B 29853	10.208 0.014 13.547 0.301	10.627 0.046	10.103 0.045	94.293 755 52 +50.389 659 35 94.292 561 83 +50.389 991 83	4.33 4.33	-2.70 -35.67 -2.70 -35.67	2.10 1.42 2.16 2.10 1.34 90.96 61.33 2.16 2.10 1.34	A 294 2.99															
06176-2427	1	F C C	A 29888 B 29888	7.593 0.004 11.453 0.122	7.996 0.007	7.549 0.006	94.405 796 35 -24.444 433 33 94.407 333 83 -24.443 166 76	15.25 15.25	51.39 -119.45 51.39 -119.45	0.59 0.77 0.97 0.66 0.81 23.79 31.92 0.97 0.66 0.81	A 47.9 6.80															
06177+0831	1	F C A	A 29896 B 29896	9.961 0.096 10.439 0.147			94.425 383 43 +8.519 819 59 94.425 389 60 +8.519 869 36	2.08 2.08	5.30 -2.93 5.30 -2.93	6.76 9.34 1.60 1.80 1.09 10.24 12.29 1.60 1.80 1.09	A 7 0.18															
06179-5244	1	F C C	A 29913 B 29913	6.556 0.005 10.487 0.192			94.465 573 14 -52.733 033 75 94.465 604 80 -52.733 132 49	3.80 3.80	8.55 0.95 8.55 0.95	0.95 0.93 0.60 0.65 0.60 40.92 26.27 0.60 0.65 0.60	A 169 0.36															
06181+0919	1	F C A	A 29930 B 29930	8.155 0.007 11.319 0.120	8.472 0.010	8.090 0.011	94.523 178 01 +9.320 943 01 94.523 620 83 +9.319 897 05	11.55 11.55	-2.80 -12.25 -2.80 -12.25	1.41 1.04 1.42 1.53 1.07 33.54 20.03 1.42 1.53 1.07	A 157.3 4.08															
06182+6212	1	I C A	A 29947 B 29944	8.933 0.020 9.982 0.039	9.033 0.015 10.193 0.034	8.872 0.018 9.860 0.038	94.566 730 69 +62.197 706 80 94.563 885 96 +62.192 896 76	12.71 12.73	-1.18 -11.32 5.65 -23.29	3.07 2.91 3.28 2.88 2.77 17.36 14.72 8.29 12.15 11.17	A 195.42 17.96 -0.03 +0.01															
06183-0539	1	F C A	A 29951 B 29951	6.939 0.004 9.582 0.049	6.964 0.006	6.840 0.007	94.572 586 45 -5.654 330 77 94.572 378 76 -5.654 595 66	4.84 4.84	10.09 -4.94 10.09 -4.94	1.74 1.05 1.25 1.65 1.06 23.37 10.73 1.25 1.65 1.06	A 218 1.21															
06185+2241	1	F C B	A 29968 B 29968	9.123 0.131 11.039 0.762			94.632 382 55 +22.679 199 22 94.632 416 72 +22.679 232 53	0.49 0.49	1.62 -1.15 1.62 -1.15	8.59 9.43 1.40 1.62 1.09 61.41 41.59 1.40 1.62 1.09	A 43 0.17															
06186+6744	1	L C A	A 29974 B 29974	8.995 0.031 9.756 0.063			94.656 382 60 +67.728 476 97 94.656 218 86 +67.728 435 45	21.00 21.00	-123.87 -38.00 -115.47 -19.49	4.22 3.91 1.39 1.77 2.61 7.61 8.05 1.39 3.24 4.98	A 236 0.269 +2 -0.017															
06188+1110	1	F C A	A 29994 B 29994	7.277 0.082 9.009 0.403			94.706 134 66 +11.165 087 45 94.706 097 27 +11.165 066 15	4.41 4.41	7.02 -20.01 7.02 -20.01	5.66 2.95 0.92 0.94 0.60 28.42 19.11 0.92 0.94 0.60	A 240 0.15															
06191-2500	1	F C A	A 30039 D 30039	7.389 0.003 10.880 0.082			94.813 716 77 -24.974 936 33 94.813 594 26 -24.974 846 08	4.25 4.25	-10.18 6.55 -10.18 6.55	0.75 0.83 0.91 0.69 0.72 14.88 21.42 0.91 0.69 0.72	A 309 0.52															
06193-1232	1	F C A	A 30042 B 30042	7.965 0.004 10.508 0.036	7.866 0.007 10.509 0.040	7.923 0.009 10.150 0.043	94.826 474 67 -12.533 262 08 94.827 872 50 -12.532 024 99	1.94 1.94	-5.11 3.55 -5.11 3.55	1.08 0.93 1.23 1.09 0.98 8.70 7.39 1.23 1.09 0.98	A 47.8 6.63															
06196+5223	1	F N D	A 30061 B 30061	9.073 0.008 12.374 0.158	9.519 0.022	9.028 0.022	94.907 205 61 +52.387 952 92 94.906 353 17 +52.387 695 74	8.74 8.74	5.51 -21.04 5.51 -21.04	1.66 1.27 1.80 1.94 1.53 45.90 33.19 1.80 1.94 1.53	A 244 2.09															
06198+2207	1	L N C	A 30075 B 30075 D 30075 C 30075	9.028 0.019 10.324 0.045 12.618 0.458 12.697 0.501	9.129 0.019 10.114 0.073	8.883 0.018 9.758 0.078	94.938 464 61 +22.110 786 29 94.938 863 43 +22.111 107 58 94.936 171 34 +22.111 912 79 94.939 977 25 +22.111 714 69	1.87 1.87 1.87 1.87	7.97 4.22 -8.36 -4.85 364.66 339.14 61.59 -58.99	2.88 2.12 2.26 3.27 2.21 13.12 9.18 2.26 8.74 5.81 117.95 73.27 2.26 80.52 50.81 121.44 83.16 2.26 88.86 60.38	A 49.0 1.76 -0.1 -0.02 A 297.9 8.66 +3.1 -0.16 A 56 6.05 +1 +0.01															
06199-0715	1	F C A	A 30086 B 30086	7.942 0.014 9.031 0.037			94.979 577 14 -7.250 609 45 94.979 571 36 -7.250 685 04	2.37 2.37	-2.29 -1.36 -2.29 -1.36	1.35 2.00 1.09 1.11 0.83 3.54 4.93 1.09 1.11 0.83	A 184 0.273															
06200+2826	1	F C A	A 30091 B 30091 C 30091	8.161 0.035 8.345 0.035 9.627 0.075			94.995 656 45 +28.426 865 22 94.995 710 05 +28.426 808 53 94.994 785 35 +28.426 748 41	11.56 11.56 11.56	11.27 -30.98 11.27 -30.98 11.27 -30.98	4.76 4.07 2.76 3.60 2.41 5.98 5.03 2.76 3.60 2.41 14.02 12.51 2.76 3.60 2.41	A 140 0.265 A 261.3 2.79															
06200-1741	1	F C A	A 30092 B 30092	8.804 0.005 10.271 0.019			94.997 171 70 -17.683 624 54 94.996 989 83 -17.683 726 60	3.37 3.37	-2.02 5.17 -2.02 5.17	1.44 1.45 1.93 1.92 1.52 6.54 6.51 1.93 1.92 1.52	A 239.5 0.72															
06201-0752	1	F C A	A 30105 B 30105	7.358 0.087 8.418 0.232			95.028 453 80 -7.871 935 92 95.028 497 86 -7.871 941 93	8.67 8.67	-8.55 -19.10 -8.55 -19.10	7.19 2.11 0.85 0.76 0.63 15.00 6.56 0.85 0.76 0.63	A 98 0.16															
06203+0743	1	L C A	A 30120 B 30120	7.466 0.007 7.533 0.008			95.071 395 94 +7.718 862 55 95.071 507 77 +7.718 918 74	3.55 3.55	0.19 -14.95 -17.90 -7.06	3.19 2.62 2.33 3.59 3.16 5.38 5.11 2.33 7.67 7.07	A 63 0.447 -2 -0.013															
06204+4141	1	F C C	A 30131 B 30131	10.759 0.088 13.194 0.825			95.107 752 73 +41.677 507 27 95.107 672 62 +41.677 539 23	0.29 0.29	1.45 -5.67 1.45 -5.67	17.38 5.45 2.73 3.08 2.07 90.84 68.39 2.73 3.08 2.07	A 298 0.24															
06206+4707	1	F C A	A 30138 B 30138	8.708 0.006 9.077 0.008	8.610 0.012 9.135 0.018	8.648 0.015 8.944 0.021	95.139 908 61 +47.120 293 09 95.136 280 12 +47.120 365 55	3.18 3.18	-1.24 -9.07 -1.24 -9.07	2.46 1.42 2.27 2.24 1.23 4.88 3.15 2.27 2.24 1.23	A 271.68 8.89															
06208+0544	1	I N C	A 30162 B 30164	7.980 0.017 10.317 0.094	10.350 0.042 10.401 0.057	8.227 0.015 10.075 0.065	95.201 394 41 +5.740 604 01 95.208 330 12 +5.744 831 62	-0.03 0.50	2.01 -1.64 8.45 -0.14	2.93 2.42 2.77 2.75 2.28 24.11 20.79 14.21 14.99 13.09	A 58.51 29.13 0.00 +0.01															

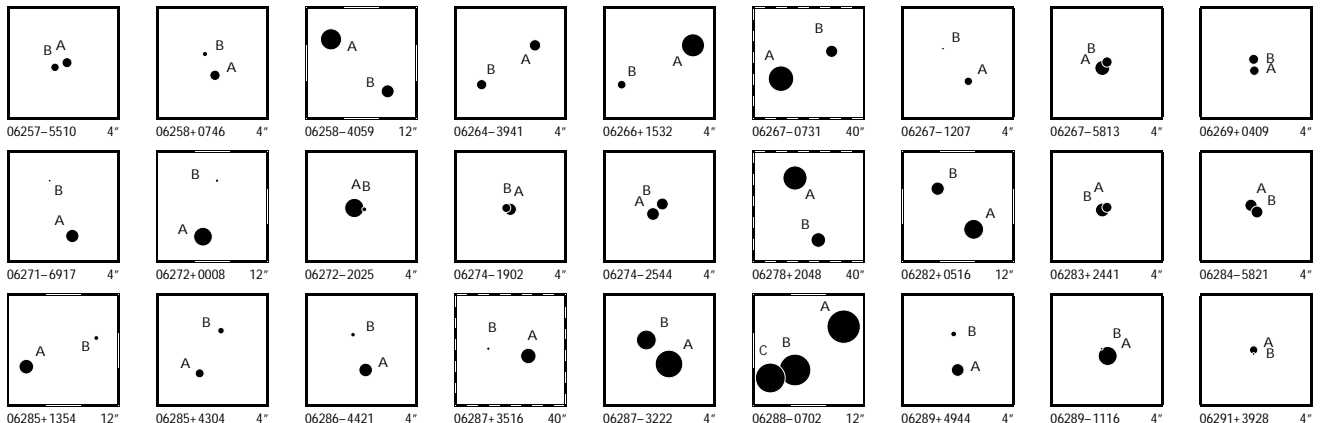


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06208+8411	1	F CA	A 30166 B 30166	9.485 0.009 9.724 0.011	9.674 0.020	9.035 0.018		95.210 845 39 +84.179 041 39 95.209 314 25 +84.178 718 42	10.33 10.33	35.88 -22.33 35.88 -22.33	1.87 1.75 1.91 1.98 1.76 3.48 4.28 1.91 1.98 1.76	A 205.7 1.29																
06208-4447	1	F CA	A 30158 B 30158	8.644 0.004 10.935 0.030	9.315 0.016	8.548 0.013	11.930 0.179 10.582 0.078	95.194 501 10 -44.789 366 84 95.194 859 46 -44.787 452 32	17.00 17.00	188.45 82.39 188.45 82.39	0.90 0.83 0.94 0.85 1.06 8.17 8.53 0.94 0.85 1.06	A 7.6 6.95																
06211+3619	1	F CA	A 30186 B 30186	8.500 0.006 10.073 0.026				95.263 123 06 +36.313 196 13 95.263 326 93 +36.313 136 94	7.87 7.87	4.69 -17.21 4.69 -17.21	1.83 1.18 1.75 1.83 1.15 9.06 5.63 1.75 1.83 1.15	A 110 0.63																
06212+2932	1	F CB	A 30200 B 30200	6.538 0.029 9.027 0.284				95.299 634 49 +29.540 931 39 95.299 612 21 +29.540 888 46	9.64 9.64	9.48 -45.66 9.48 -45.66	1.78 2.82 1.29 1.36 0.95 18.92 16.03 1.29 1.36 0.95	A 204 0.17																
06212-0529	1	F CB	A 30195 B 30195	11.610 0.103 12.234 0.182				95.291 540 84 -5.485 471 03 95.291 505 20 -5.485 527 15	1.27 1.27	-7.04 3.59 -7.04 3.59	8.06 8.41 2.76 3.35 2.46 22.24 20.51 2.76 3.35 2.46	A 212 0.24																
06212-6735	1	F CA	A 30201 B 30201	9.436 0.007 11.652 0.049	9.936 0.024	9.368 0.022		95.310 445 62 -67.583 122 69 95.305 102 75 -67.582 381 45	4.67 4.67	7.95 10.88 7.95 10.88	1.25 1.26 1.20 1.27 1.45 9.95 10.71 1.20 1.27 1.45	A 290.0 7.81																
06213-7508	1	F CA	A 30209 B 30209	8.244 0.004 10.552 0.028	8.734 0.011	8.141 0.010		95.332 723 39 -75.128 040 96 95.335 473 98 -75.127 562 96	7.96 7.96	23.97 -2.84 23.97 -2.84	0.91 0.80 0.80 0.92 0.86 6.72 7.78 0.80 0.92 0.86	A 55.9 3.07																
06214+0216	1	L CA	A 30217 B 30217	6.631 0.017 8.015 0.061				95.357 420 92 +2.268 602 88 95.357 397 56 +2.268 533 56	9.76 9.76	-12.65 -28.34 -27.55 -21.47	1.97 2.45 1.05 1.23 1.00 6.73 7.71 1.05 1.23 1.00	A 199 0.263 +4 -0.002																
06216+2500	1	F CB	A 30234 B 30234	9.019 0.102 10.864 0.558				95.412 424 97 +25.007 063 57 95.412 463 31 +25.007 013 29	5.97 5.97	0.18 -13.46 0.18 -13.46	10.32 14.73 2.48 2.31 1.51 39.17 43.74 2.48 2.31 1.51	A 145 0.22																
06216-1104	1	F CC	A 30231 B 30231	8.948 0.010 12.588 0.269	9.251 0.012	8.896 0.013		95.405 730 46 -11.069 821 24 95.405 444 61 -11.069 311 03	5.25 5.25	-6.63 -25.54 -6.63 -25.54	1.94 1.55 2.02 2.13 1.73 54.04 37.79 2.02 2.13 1.73	A 331 2.10																
06220-0202	1	F CA	A 30266 B 30266	8.893 0.010 10.513 0.042	8.970 0.012	8.817 0.015	10.623 0.041 10.341 0.053	95.505 178 06 -2.029 337 79 95.505 661 50 -2.027 830 94	3.06 3.06	-4.33 -3.37 -4.33 -3.37	2.16 1.52 2.35 2.00 1.55 14.52 6.77 2.35 2.00 1.55	A 17.8 5.70																
06221+5923	1	L CA	A 30272 B 30272	6.439 0.003 7.529 0.008				95.514 825 83 +59.372 097 83 95.515 085 78 +59.371 958 47	7.73 7.73	-5.55 0.60 -11.15 -1.82	0.91 0.72 0.88 0.86 0.63 3.50 2.15 0.88 1.98 1.24	A 136.5 0.692 +0.5 -0.002																
06222+1202	1	F CA	A 30282 B 30282	8.272 0.004 11.025 0.052	8.197 0.013	8.231 0.017		95.549 829 49 +12.038 800 24 95.549 986 88 +12.038 306 79	2.12 2.12	-7.51 -6.77 -7.51 -6.77	1.39 0.95 1.38 1.59 1.09 15.72 10.50 1.38 1.59 1.09	A 162.7 1.86																
06223-1644	1	F ND	D 30300 C 30300	8.106 0.009 11.655 0.244	9.060 0.013	8.022 0.009		95.598 694 30 -16.730 517 67 95.598 457 67 -16.730 765 41	2.51 2.51	-3.90 3.67 -3.90 3.67	1.22 1.21 1.38 1.25 1.13 49.40 40.91 1.38 1.25 1.13	B 222 1.21																
06223-5420	1	F CC	A 30292 B 30292	9.613 0.144 12.169 1.512				95.579 603 83 -54.332 917 07 95.579 670 60 -54.332 922 05	-0.56 -0.56	3.03 -13.86 3.03 -13.86	9.24 4.50 0.87 0.99 0.97 100.62 51.94 0.87 0.99 0.97	A 97 0.14																
06224+2640	1	L CA	A 30306 B 30304	8.875 0.027 8.991 0.027	8.781 0.017	8.745 0.021	8.915 0.019 8.896 0.024	95.608 129 23 +26.668 991 32 95.607 033 62 +26.673 893 25	-1.66 8.20	-9.21 4.61 -13.29 7.35	5.97 4.13 4.94 8.50 5.42 10.27 6.82 6.33 11.58 7.47	A 348.71 18.00 -0.01 0.00																
06224+4612	1	F CA	A 30303 B 30303	7.499 0.003 9.869 0.026				95.605 706 81 +46.194 631 11 95.605 940 85 +46.194 484 66	4.12 4.12	-4.57 -0.61 -4.57 -0.61	1.05 0.75 1.13 1.23 0.78 13.50 7.85 1.13 1.23 0.78	A 132 0.79																
06225+8008	1	F ND	D 30313 B 30313	8.484 0.007 11.961 0.180	9.771 0.017	8.426 0.010		95.626 484 33 +80.127 182 68 95.624 823 12 +80.127 297 76	2.50 2.50	-2.25 -1.56 -2.25 -1.56	0.99 1.07 1.20 0.93 0.99 34.06 35.48 1.20 0.93 0.99	A 292 1.11																
06226+3246	1	F CA	A 30316 B 30316	8.441 0.005 11.090 0.060	8.958 0.015	8.372 0.014		95.645 715 32 +32.760 290 88 95.645 120 20 +32.760 925 25	4.13 4.13	14.06 -23.26 14.06 -23.26	1.46 1.05 1.55 1.78 1.03 15.29 9.62 1.55 1.78 1.03	A 321.7 2.91																
06226-6238	1	F FD	D 30319 B 30319	9.314 0.242 9.911 0.419				95.654 545 34 -62.638 658 19 95.654 630 42 -62.638 646 24	1.06 1.06	-1.65 -0.87 -1.65 -0.87	20.67 11.27 0.72 0.75 0.81 22.19 17.51 0.72 0.75 0.81	A 73 0.15																
06228+1734	1	F CA	A 30333 B 30333	7.408 0.005 8.078 0.010	7.264 0.049	7.259 0.043		95.706 773 31 +17.574 114 58 95.706 978 44 +17.574 699 72	3.76 3.76	1.79 -9.39 1.79 -9.39	1.59 1.11 1.37 1.75 1.28 4.41 2.99 1.37 1.75 1.28	A 18.5 2.221																
06232+0854	1	F FD	D 30365 A 30362	11.351 0.235 11.538 0.242	9.538 0.032	9.605 0.047		95.794 381 97 +8.907 204 23 95.788 193 58 +8.907 239 04	48.08 48.08	206.42 88.35 206.42 88.35	16.98 10.16 13.63 6.61 5.99 51.03 43.54 13.63 6.61 5.99	C 270.3 22.01																
06232+1631	1	F CA	A 30364 B 30364	8.160 0.006 10.326 0.045	8.135 0.012	8.150 0.014	9.913 0.063 9.617 0.077	95.789 217 21 +16.515 182 57 95.789 609 78 +16.515 685 92	3.03 3.03	-3.47 -3.73 -3.47 -3.73	1.70 1.29 1.61 1.76 1.38 16.15 11.41 1.61 1.76 1.38	A 36.8 2.26																
06233-0057	1	L CA	A 30384 B 30383	8.478 0.007 11.561 0.112	9.610 0.025	8.396 0.016		95.834 954 41 -0.952 263 48 95.832 451 42 -0.954 324 29	2.73 17.08	-7.99 -2.86 -22.60 -7.26	2.30 1.69 1.98 2.03 1.71 45.07 34.55 17.22 19.55 16.41	A 230.5 11.67 0.0 +0.01																
06234+2845	1	F CB	A 30388 B 30388	8.451 0.009 11.093 0.102	8.417 0.017	8.378 0.021		95.845 874 04 +28.755 845 46 95.846 024 86 +28.755 514 11	0.27 0.27	1.74 -2.36 1.74 -2.36	3.74 2.91 3.58 4.87 3.10 61.10 49.73 3.58 4.87 3.10	A 158 1.28																
06236+1739	1	F CA	A 30400 S 30400	9.067 0.314 9.524 0.478				95.888 972 08 +17.653 011 00 95.888 955 03 +17.652 977 11	1.70 1.70	-2.22 -2.59 -2.22 -2.59	12.43 18.59 1.31 1.48 1.04 16.41 26.26 1.31 1.48 1.04	A 206 0.14																
06236-5811	1	L CA	A 30401 B 30401	9.373 0.009 9.662 0.012	9.777 0.029	9.043 0.025	9.991 0.045 9.246 0.031	95.888 452 33 -58.179 261 33 95.889 287 39 -58.179 215 73	11.65 11.65	-52.74 60.04 -67.24 43.42	1.83 1.85 1.52 1.46 1.75 3.75 3.69 1.52 2.67 4.14	A 84.1 1.594 +0.5 -0.016																

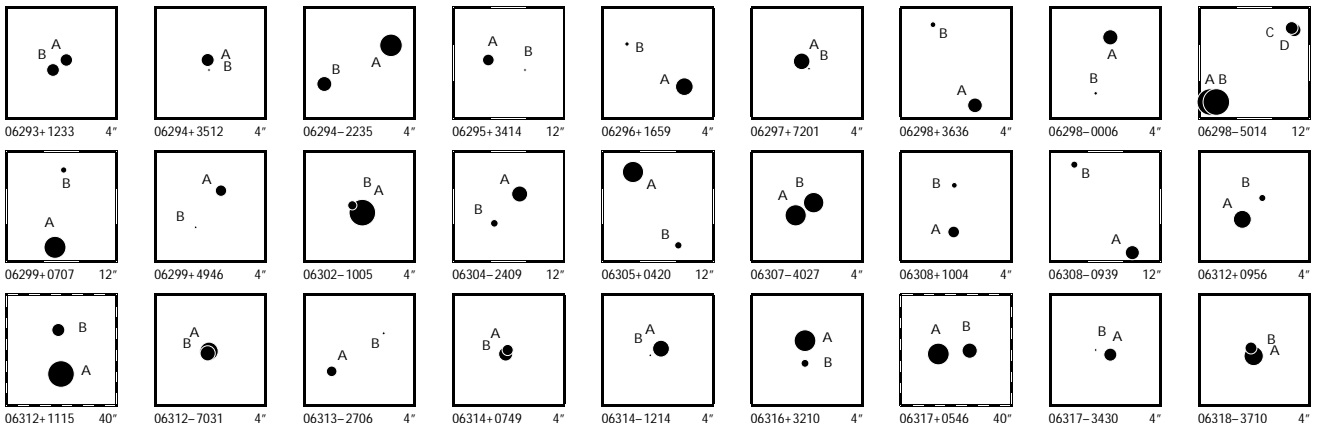


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06237+0436	1	I	A	A 30419	4.456	0.005	4.644	0.004	4.433	0.003	95.942 073 68	+4.592 838 81	25.39	-20.88	10.75	1.19	0.93	1.02	1.28	0.99	A	28.7	12.43	+0.2	-0.02
				B 30422	6.923	0.044	7.104	0.013	6.639	0.013	95.943 736 65	+4.595 866 51	41.09	6.70	-22.26	16.80	12.95	10.14	13.33	10.26					
06237+3220	1	F	C	A 30411	9.352	0.011					95.915 840 30	+32.332 912 96	7.41	-17.07	-26.79	2.14	1.49	2.08	2.30	1.44	A	232	0.92		
				B 30411	11.434	0.071					95.915 601 60	+32.332 756 51	7.41	-17.07	-26.79	19.32	10.60	2.08	2.30	1.44					
06238+0240	1	F	C	A 30425	7.095	0.004	8.359	0.023	7.054	0.010	95.948 193 07	+2.665 737 35	1.34	-1.01	-2.70	1.09	0.78	1.11	1.03	0.84	A	128.2	2.12		
				B 30425	10.013	0.059					95.948 655 98	+2.665 373 95	1.34	-1.01	-2.70	13.65	10.31	1.11	1.03	0.84					
06238-1947	1	F	C	A 30426	6.847	0.003					95.948 570 97	-19.785 411 68	1.31	-5.42	7.55	0.66	0.66	0.87	0.63	0.64	A	155.5	0.828		
				B 30426	8.143	0.007					95.948 672 13	-19.785 620 91	1.31	-5.42	7.55	2.01	2.12	0.87	0.63	0.64					
06239+1407	1	F	C	A 30433	8.104	0.021					95.975 146 85	+14.113 515 16	4.31	-11.64	-8.70	5.13	4.15	1.82	2.97	2.08	A	320	0.27		
				B 30433	9.752	0.095					95.975 097 17	+14.113 571 87	4.31	-11.64	-8.70	19.09	15.98	1.82	2.97	2.08					
06240+6455	1	F	C	A 30437	8.524	0.005	8.884	0.010	8.487	0.011	95.985 824 44	+64.911 381 26	9.28	-22.04	15.27	0.87	1.00	1.37	1.08	1.19	A	272.1	3.82		
				B 30437	11.218	0.053	11.369	0.145	10.838	0.154	95.983 326 49	+64.911 419 78	9.28	-22.04	15.27	14.46	14.36	1.37	1.08	1.19					
06241-5032	1	F	C	A 30456	8.110	0.005	8.410	0.012	7.976	0.012	96.030 522 73	-50.529 864 95	3.89	-4.07	32.21	0.91	0.89	0.90	1.15	0.92	A	307.1	1.58		
				B 30456	10.035	0.026					96.029 971 93	-50.529 599 73	3.89	-4.07	32.21	7.17	7.17	0.90	1.15	0.92					
06242+7355	1	F	C	A 30462	9.718	0.009	10.028	0.020	9.566	0.020	96.052 395 66	+73.915 808 78	6.72	-10.06	1.97	1.58	2.18	2.50	1.47	2.19	A	46.3	3.79		
				B 30462	10.323	0.015	10.624	0.038	10.114	0.039	96.055 142 41	+73.916 535 18	6.72	-10.06	1.97	3.72	5.23	2.50	1.47	2.19					
06244+0519	1	F	C	A 30473	8.829	0.009	8.783	0.016	8.798	0.021	96.094 944 54	+5.324 108 78	0.34	-0.91	-3.26	2.59	1.92	2.55	3.14	2.42	A	273	4.09		
				B 30473	11.486	0.014					96.093 803 54	+5.324 158 84	0.34	-0.91	-3.26	45.47	35.97	2.55	3.14	2.42					
06244-1613	1	I	C	A 30469	7.013	0.012	7.185	0.005	6.969	0.006	96.088 150 20	-16.224 548 55	3.65	-18.13	-6.73	1.57	1.54	1.79	1.79	1.55	A	87.50	16.52	+0.02	0.00
				B 30471	9.111	0.056	8.925	0.014	8.533	0.014	96.092 925 80	-16.224 348 47	10.33	-13.35	-13.15	15.89	15.93	10.83	13.78	12.16					
06245+0411	1	F	C	A 30489	7.939	0.161					96.135 141 95	+4.186 605 23	1.83	-5.24	-4.01	3.22	12.10	0.98	0.94	0.77	A	174	0.15		
				B 30489	8.196	0.204					96.135 146 21	+4.186 564 42	1.83	-5.24	-4.01	4.31	13.27	0.98	0.94	0.77					
06245+4149	1	F	D	A 30482	8.902	0.007					96.116 723 61	+41.816 216 72	0.86	5.00	-8.90	1.70	1.38	2.04	2.07	1.37	A	139	0.84		
				B 30482	11.875	0.112					96.116 928 27	+41.816 040 00	0.86	5.00	-8.90	37.34	20.75	2.04	2.07	1.37					
06245+4707	1	F	D	A 30488	8.173	0.007	8.584	0.010	8.113	0.010	96.130 454 32	+47.120 943 27	7.26	9.21	-17.23	1.15	0.79	1.26	1.13	0.73	A	127	1.42		
				B 30488	11.726	0.190					96.130 919 45	+47.120 706 40	7.26	9.21	-17.23	39.58	26.91	1.26	1.13	0.73					
06246+1942	1	F	C	A 30496	8.481	0.007	8.551	0.017	8.448	0.020	96.159 804 60	+19.704 399 15	1.22	3.49	-2.64	1.76	1.08	1.70	1.88	1.22	A	141	6.24		
				B 30496	12.516	0.275					96.160 972 51	+19.703 058 05	1.22	3.49	-2.64	66.91	36.30	1.70	1.88	1.22					
06246-0125	1	F	C	A 30493	6.890	0.003					96.141 402 12	-1.418 203 06	3.65	-3.00	-7.01	1.03	0.84	1.10	1.03	0.88	A	271.4	0.771		
				B 30493	8.543	0.014					96.141 187 94	-1.418 197 87	3.65	-3.00	-7.01	3.89	3.56	1.10	1.03	0.88					
06249-6546	1	F	C	A 30515	8.835	0.005	10.166	0.028	8.789	0.016	96.214 106 33	-65.774 809 44	4.20	-4.81	20.60	1.16	1.14	1.09	1.24	1.31	A	15	1.79		
				B 30515	11.956	0.089					96.214 427 44	-65.774 329 82	4.20	-4.81	20.60	27.07	29.66	1.09	1.24	1.31					
06250+4233	1	F	N	B 30526	9.040	0.005					96.249 339 39	+42.546 105 33	3.23	4.33	-3.77	2.51	1.80	2.14	2.40	1.53	B	262.3	0.873		
				A 30526	9.056	0.005					96.249 013 17	+42.546 072 74	3.23	4.33	-3.77	2.00	1.47	2.14	2.40	1.53					
06251-0551	1	F	C	A 30535	8.658	0.035					96.281 377 80	-5.851 451 31	4.17	-10.65	-4.32	8.88	6.81	2.37	2.38	1.98	A	133	0.30		
				B 30535	11.418	0.447					96.281 438 84	-5.851 507 70	4.17	-10.65	-4.32	78.14	49.65	2.37	2.38	1.98					
06252-1056	1	F	C	A 30543	7.984	0.003	9.074	0.015	7.907	0.010	96.311 381 00	-10.931 877 24	4.05	5.64	-12.80	1.15	0.91	1.26	1.21	1.03	A	116.8	1.73		
				B 30543	9.718	0.015	9.868	0.027	9.276	0.053	96.311 816 77	-10.932 093 14	4.05	5.64	-12.80	4.98	4.53	1.26	1.21	1.03					
06252-1425	1	F	C	A 30538	8.752	0.005					96.295 502 54	-14.415 161 91	2.79	-6.48	-2.59	1.41	1.37	1.92	1.94	1.62	A	22	0.56		
				B 30538	10.335	0.021					96.295 561 87	-14.415 016 33	2.79	-6.48	-2.59	7.22	5.24	1.92	1.94	1.62					
06253+0130	1	F	C	A 30547	7.082	0.051					96.327 023 38	+1.501 539 64	2.76	-4.34	-3.55	2.39	4.75	0.87	0.68	0.55	A	168	0.176		
				S 30547	7.896	0.108					96.327 033 31	+1.501 491 82	2.76	-4.34	-3.55	4.79	7.83	0.87	0.68	0.55					
06253-5150	1	F	F	A 30546	8.503	0.015					96.321 129 93	-51.839 663 78	0.88	-5.12	1.01	2.49	2.34	2.36	2.75	2.58	A	179	1.07		
				B 30546	9.623	0.041					96.321 139 72	-51.839 960 47	0.88	-5.12	1.01	9.85	8.66	2.36	2.75	2.58					
06253-6048	1	F	D	A 30550	11.453	0.063					96.329 226 63	-60.791 407 75	16.66	113.02	-246.36	9.81	8.66	8.60	12.66	10.51	A	233.8	13.64		
				B 30550	12.553	0.171					96.322 960 56	-60.793 643 64	16.66	113.02	-246.36	57.65	60.99	8.60	12.66	10.51					
06255+2327	1	F	C	A 30569	7.314	0.118					96.385 779 18	+23.442 180 43	2.28	3.94	-10.08	3.47	7.50	1.21	1.24	0.83	A	162	0		

System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06257-5510	1	F CA	A 30590 B 30590	9.785 0.008 10.127 0.011					96.430 026 71 -55.161 760 05 96.430 243 86 -55.161 807 05	5.57 5.57	-0.77 -1.15 -0.77 -1.15	2.02 1.59 1.42 1.81 1.54 3.50 3.26 1.42 1.81 1.54	A 111 0.478												
06258+0746	1	F CA	A 30598 B 30598	9.725 0.010 10.837 0.027				96.451 905 06 +7.773 999 52 96.452 011 38 +7.774 215 61	0.74 0.74	-0.42 -2.71 -0.42 -2.71	2.71 1.89 2.43 2.31 1.88 10.95 6.99 2.43 2.31 1.88	A 26 0.87													
06258-4059	1	F CA	A 30593 B 30593	7.297 0.003 9.116 0.014	7.450 0.006 9.374 0.018	7.244 0.007 8.988 0.019		96.443 045 90 -40.975 481 43 96.440 738 53 -40.977 092 26	5.54 5.54	-8.51 -16.87 -8.51 -16.87	0.67 0.60 0.72 0.75 0.70 3.82 4.31 0.72 0.75 0.70	A 227.24 8.541													
06264-3941	1	F CA	A 30649 B 30649	9.500 0.010 9.694 0.012	9.904 0.032 9.881 0.043	9.224 0.026 9.324 0.032		96.604 132 19 -39.685 356 04 96.604 841 24 -39.685 756 67	8.32 8.32	41.13 58.33 41.13 58.33	1.89 1.93 2.04 1.73 2.49 4.35 4.58 2.04 1.73 2.49	A 126.3 2.44													
06266+1532	1	F CA	A 30663 B 30663	6.926 0.003 10.082 0.056	6.847 0.008	6.910 0.009		96.657 225 47 +15.523 701 80 96.657 985 22 +15.523 292 11	5.09 5.09	-3.30 0.05 -3.30 0.05	1.24 1.00 1.11 1.57 1.14 14.97 10.74 1.11 1.57 1.14	A 119.2 3.02													
06267-0731	1	F NC	A 30675 B 30675	6.332 0.014 9.321 0.178	6.276 0.003 9.797 0.018	6.321 0.003 9.246 0.017		96.686 871 70 -7.511 907 23 96.681 698 56 -7.509 086 71	7.97 7.97	4.54 -11.80 4.54 -11.80	1.39 1.11 1.12 1.29 1.02 51.07 28.24 1.12 1.29 1.02	A 298.8 21.07													
06267-1207	1	F ND	A 30674 B 30674	10.130 0.018 13.025 0.259	10.121 0.026	10.018 0.035		96.685 270 98 -12.112 434 55 96.685 538 82 -12.112 094 83	-2.24 -2.24	1.74 0.83 1.74 0.83	2.29 1.89 2.53 2.96 2.34 49.99 43.17 2.53 2.96 2.34	A 38 1.54													
06267-5813	1	F CA	A 30673 B 30673	8.692 0.033 9.690 0.083				96.682 145 49 -58.222 422 78 96.682 070 75 -58.222 362 12	2.95 2.95	-2.88 -4.40 -2.88 -4.40	3.54 4.32 0.81 0.83 0.91 7.94 8.38 0.81 0.83 0.91	A 327 0.26													
06269+0409	1	F CA	A 30690 B 30690	9.755 0.013 9.892 0.014				96.734 268 08 +4.153 629 13 96.734 264 67 +4.153 509 65	0.96 0.96	0.88 -5.05 0.88 -5.05	3.58 2.89 2.94 2.34 2.02 3.46 3.14 2.94 2.34 2.02	B 182 0.430													
06271-6917	1	F CC	A 30704 B 30704	9.039 0.011 12.680 0.297	10.248 0.031	8.987 0.018		96.769 650 79 -69.286 317 58 96.770 290 01 -69.285 755 02	4.79 4.79	-4.98 -4.23 -4.98 -4.23	2.14 1.90 1.82 1.98 1.91 64.29 77.70 1.82 1.98 1.91	A 22 2.18													
06272+0008	1	F FD	A 30709 B 30709	7.837 0.020 11.257 0.470	7.739 0.011	7.807 0.012		96.788 280 46 +0.135 038 04 96.787 839 75 +0.136 767 48	0.81 0.81	-10.15 -4.57 -10.15 -4.57	2.79 2.22 2.85 2.54 2.12 82.43 65.94 2.85 2.54 2.12	A 346 6.42													
06272-2025	1	F CA	A 30713 B 30713	7.713 0.006 10.939 0.125				96.800 512 65 -20.420 868 86 96.800 411 09 -20.420 880 70	6.09 6.09	-13.39 -26.64 -13.39 -26.64	1.48 0.96 0.99 0.66 0.69 15.68 18.81 0.99 0.66 0.69	A 263 0.35													
06274-1902	1	F CA	A 30731 B 30731	9.327 0.127 10.044 0.245				96.844 124 37 -19.027 054 02 96.844 170 54 -19.027 042 37	3.88 3.88	1.12 -1.07 1.12 -1.07	9.10 5.15 1.31 1.04 1.07 18.71 10.28 1.31 1.04 1.07	A 75 0.16													
06274-2544	1	L CA	A 30733 B 30733	9.184 0.009 9.389 0.010				96.850 440 12 -25.734 784 37 96.850 338 29 -25.734 675 70	22.53 22.53	-4.37 76.85 6.81 109.74	1.95 2.58 2.38 1.83 2.23 3.24 4.38 2.38 2.59 3.16	A 319.8 0.512 +3.3 +0.018													
06278+2048	1	IND	A 30757 B 30756	6.680 0.038 8.785 0.195	8.134 0.014 9.622 0.046	6.650 0.008 8.420 0.029		96.944 097 71 +20.789 619 21 96.941 433 88 +20.783 229 60	5.67 55.52	-32.66 -45.34 44.15 -30.28	2.59 1.88 2.22 2.40 1.81 61.74 42.68 33.89 31.60 25.37	A 201.3 24.69 -0.2 -0.04													
06282+0516	1	F CA	A 30793 B 30793	7.626 0.007 9.056 0.023	7.528 0.010 8.999 0.027	7.567 0.016 8.969 0.036		97.058 159 21 +5.272 252 41 97.059 272 56 +5.273 510 12	2.53 2.53	-0.72 0.33 -0.72 0.33	1.80 1.35 1.71 1.71 1.33 10.35 6.63 1.71 1.71 1.33	A 41.4 6.04													
06283+2441	1	F CA	A 30799 B 30799	8.911 0.097 9.787 0.217				97.071 523 57 +24.681 469 46 97.071 472 11 +24.681 502 30	0.21 0.21	-4.69 -6.10 -4.69 -6.10	10.56 7.99 1.56 2.22 1.47 20.45 14.09 1.56 2.22 1.47	B 305 0.21													
06284-5821	1	F CA	A 30811 B 30811	9.282 0.030 9.357 0.032				97.107 001 90 -58.354 317 89 97.106 889 61 -58.354 377 62	1.73 1.73	6.65 -11.92 6.65 -11.92	2.73 2.82 0.94 0.95 1.24 3.51 3.67 0.94 0.95 1.24	A 225 0.302													
06285+1354	1	F CA	A 30820 B 30820	8.763 0.010 10.930 0.070	10.815 0.075	8.811 0.023		97.122 301 65 +13.897 608 45 97.120 057 28 +13.898 474 94	1.18 1.18	2.50 -11.00 2.50 -11.00	1.87 1.42 1.87 2.08 1.50 17.56 12.22 1.87 2.08 1.50	A 291.7 8.44													
06285+4304	1	F CA	A 30814 B 30814	10.004 0.007 10.570 0.012	10.491 0.041	9.670 0.033		97.114 738 39 +43.068 207 88 97.114 435 96 +43.068 636 51	-1.69 -1.69	11.05 -27.26 11.05 -27.26	3.48 2.71 3.71 4.15 2.75 6.96 5.16 3.71 4.15 2.75	A 332.7 1.74													
06286-4421	1	F CA	A 30831 B 30831	9.025 0.006 10.963 0.034	8.890 0.012	8.930 0.015		97.149 029 42 -44.348 157 49 97.149 218 31 -44.347 789 96	1.95 1.95	3.05 13.68 3.05 13.68	1.18 1.22 1.22 1.13 1.41 9.47 12.51 1.22 1.13 1.41	A 20.2 1.41													
06287+3516	1	F CB	A 30854 B 30854	8.575 0.009 11.270 0.102	9.029 0.017 11.583 0.158	8.497 0.016 11.095 0.164		97.181 479 30 +35.262 010 26 97.186 510 44 +35.262 827 13	2.69 2.69	-4.61 -31.47 -4.61 -31.47	2.02 1.30 2.05 2.35 1.53 50.82 28.11 2.05 2.35 1.53	A 78.8 15.08													
06287-3222	1	F CA	A 30840 B 30840	5.863 0.004 7.649 0.016	5.540 0.006	5.724 0.007		97.163 518 78 -32.371 297 38 97.163 786 91 -32.371 052 11	3.96 3.96	-2.14 7.55 -2.14 7.55	0.59 0.56 0.71 0.63 0.63 3.76 4.08 0.71 0.63 0.63	A 42.7 1.202													
06288-0702	1	F NB	A 30867 B 30867 C 30867	4.630 0.010 4.996 0.013 5.385 0.018	4.481 0.004 4.810 0.007 5.207 0.006	4.616 0.004 4.984 0.004 5.319 0.005		97.204 475 48 -7.033 050 42 97.205 949 84 -7.034 398 00 97.206 737 17 -7.034 644 26	4.72 4.72 4.72	-7.00 -4.97 -7.00 -4.97 -7.00 -4.97	1.14 0.81 1.10 1.16 0.94 4.05 2.35 1.10 1.16 0.94 5.37 3.12 1.10 1.16 0.94	A 132.64 7.161 A 125.38 9.91													
06289+4944	1	F CA	A 30876 B 30876	9.162 0.011 10.768 0.045	9.183 0.014	9.003 0.017		97.223 789 00 +49.725 940 70 97.223 841 01 +49.726 304 73	4.09 4.09	0.87 -8.83 0.87 -8.83	1.91 1.36 2.04 2.05 1.35 8.20 7.61 2.04 2.05 1.35	A 5.3 1.32													
06289-1116	1	F CB	A 30881 B 30881	7.808 0.005 11.399 0.131				97.234 844 26 -11.262 848 63 97.234 904 61 -11.262 770 53	1.50 1.50	-6.16 3.93 -6.16 3.93	1.45 1.31 1.17 1.24 1.02 34.31 29.07 1.17 1.24 1.02	A 37 0.35													
06291+3928	1	F CB	A 30897 B 30897	10.130 0.194 11.492 0.679				97.286 909 38 +39.467 721 46 97.286 896 61 +39.467 679 55	3.71 3.71	4.50 -23.07 4.50 -23.07	9.32 10.22 1.62 1.96 1.20 21.87 60.97 1.62 1.96 1.20	A 193 0.15													

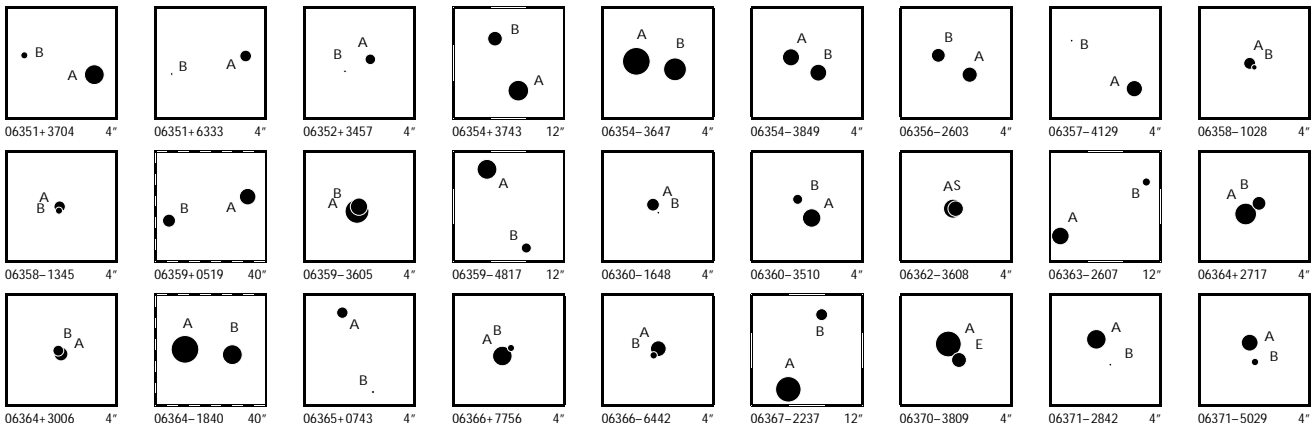


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06293+1233	1	FCA	B 30914 A 30914	9.190 0.008 9.260 0.008				97.326 836 72 97.326 694 69	+12.547 596 15 +12.547 694 08	1.10 1.10	-1.78 -5.92 -1.78 -5.92	11.83 10.81 3.65 9.47 8.70 12.14 11.27 3.65 9.47 8.70	B 305	0.61												
06294+3512	1	FND	D A 30923 B 30923	9.118 0.011 12.507 0.236				97.349 016 87 97.348 992 42	+35.196 738 21 +35.196 634 32	7.67 7.67	-13.24 -15.24 -13.24 -15.24	1.59 1.35 1.57 1.95 1.33 46.58 43.88 1.57 1.95 1.33	A 191	0.38												
06294-2235	1	FCA	A 30925 B 30925	7.043 0.003 8.674 0.013	7.094 0.006 8.609 0.014	7.015 0.005 8.477 0.012		97.356 485 56 97.357 219 45	+22.591 123 69 -22.591 517 46	2.74 2.74	8.84 10.63 8.84 10.63	0.61 0.73 1.07 0.62 0.83 4.14 4.53 1.07 0.62 0.83	A 120.2	2.821												
06295+3414	1	FCB	A 30928 B 30928	9.412 0.008 12.526 0.136	9.970 0.026	9.324 0.023		97.364 740 67 97.363 381 68	+34.236 455 00 +34.236 179 22	5.31 5.31	4.53 -38.57 4.53 -38.57	2.50 1.67 2.56 2.65 1.69 61.50 36.41 2.56 2.65 1.69	A 256	4.16												
06296+1659	1	FND	D A 30941 B 30941	8.109 0.013 11.064 0.195	9.305 0.021	8.028 0.013		97.405 935 97 97.406 552 04	+16.977 203 77 +16.977 644 49	5.53 5.53	11.95 -32.18 11.95 -32.18	1.91 1.27 1.75 1.97 1.35 34.01 22.78 1.75 1.97 1.35	A 53	2.65												
06297+7201	1	FCC	A 30946 B 30946	8.321 0.014 11.553 0.274				97.431 311 46 97.431 078 53	+72.021 345 44 +72.021 273 60	4.69 4.69	-3.31 -24.93 -3.31 -24.93	3.25 3.90 1.52 0.89 1.22 37.74 47.67 1.52 0.89 1.22	A 225	0.37												
06298+3636	1	FCA	A 30950 B 30950	8.774 0.006 10.732 0.036	8.928 0.013 10.802 0.124	8.702 0.014 10.901 0.248		97.443 622 18 97.444 164 15	+36.603 233 01 +36.604 054 97	-0.02 -0.02	-3.35 -18.81 -3.35 -18.81	1.53 1.01 1.70 1.77 1.22 11.03 7.70 1.70 1.77 1.22	A 27.9	3.35												
06298-0006	1	FCA	A 30951 B 30951	8.662 0.004 11.216 0.041	8.680 0.014	8.617 0.017		97.444 343 51 97.444 493 52	-0.097 099 83 -0.097 674 71	1.68 1.68	3.26 -3.79 3.26 -3.79	1.31 1.14 1.43 1.31 1.07 16.86 13.04 1.43 1.31 1.07	A 165.4	2.14												
06298-5014	1	FNC	G A 30953 B 30953 D 30953 C 30953	6.104 0.009 6.129 0.008 9.087 0.182 9.180 0.187				97.454 695 19 97.454 372 38 97.450 605 09 97.450 758 21	+50.238 958 82 -50.238 955 73 -50.236 753 41 -50.236 692 01	19.33 19.33 19.33 19.33	-67.56 -51.83 -67.56 -51.83 -67.56 -51.83 -67.56 -51.83	0.74 0.77 0.66 0.91 0.80 1.49 1.63 0.66 0.91 0.80 32.54 30.48 0.66 0.91 0.80 38.60 29.65 0.66 0.91 0.80	A 270.9	0.743	A 310.1	12.32	D 58	0.42								
06299+0707	1	FCA	A 30961 B 30961	7.126 0.008 10.611 0.191	6.974 0.006 10.626 0.075	7.119 0.009 10.575 0.120		97.483 146 89 97.482 888 12	+7.111 997 31 +7.114 377 41	3.57 3.57	-1.55 -3.74 -1.55 -3.74	1.26 0.93 1.23 1.37 1.03 29.25 20.06 1.23 1.37 1.03	A 353.8	8.62												
06299+4946	1	FCB	A 30960 B 30960	9.479 0.010 12.365 0.139	10.706 0.040	9.367 0.022		97.482 232 78 97.482 622 21	+49.763 761 04 +49.763 387 08	2.27 2.27	-27.71 -23.79 -27.71 -23.79	2.24 1.54 2.38 2.59 1.64 36.61 25.94 2.38 2.59 1.64	A 146	1.62												
06302-1005	1	FCC	A 30986 B 30986	6.102 0.003 9.974 0.104				97.547 001 58 97.547 102 92	-10.081 505 89 -10.081 434 17	0.52 0.52	-7.27 -2.27 -7.27 -2.27	1.18 0.94 1.02 1.08 0.85 40.80 35.10 1.02 1.08 0.85	A 54	0.44												
06304-2409	1	FCA	A 31005 B 31005	8.447 0.005 10.292 0.022	8.820 0.009	8.344 0.009		97.601 601 34 97.602 464 95	-24.141 313 24 -24.142 241 87	12.93 12.93	36.40 54.10 36.40 54.10	0.79 1.06 1.49 0.94 1.18 5.04 6.79 1.49 0.94 1.18	A 139.7	4.38												
06305+0420	1	FCA	A 31015 B 31015	7.330 0.004 10.375 0.070	7.186 0.008 10.254 0.052	7.345 0.008 10.241 0.086		97.621 736 06 97.620 349 01	+4.332 456 09 +4.330 195 68	0.32 0.32	-2.08 -2.75 -2.08 -2.75	1.08 0.85 1.05 0.95 0.79 19.27 17.40 1.05 0.95 0.79	A 211.5	9.54												
06307-4027	1	FCA	A 31032 B 31032	7.296 0.004 7.511 0.004				97.669 506 73 97.669 268 38	-40.448 156 67 -40.448 026 34	0.99 0.99	-3.75 6.74 -3.75 6.74	1.04 1.03 1.07 1.03 1.50 1.77 1.87 1.07 1.03 1.50	A 305.7	0.804												
06308+1004	1	FCA	A 31038 B 31038	9.409 0.014 10.717 0.045	9.229 0.020	9.332 0.028		97.696 070 99 97.696 055 39	+10.062 912 09 +10.063 392 69	1.33 1.33	-1.78 -5.43 -1.78 -5.43	2.93 2.21 2.59 2.26 1.93 17.95 10.19 2.59 2.26 1.93	A 358	1.73												
06308-0939	1	ICA	A 31042 B 31045	8.902 0.006 10.419 0.018	9.089 0.011 10.373 0.029	8.843 0.012 10.050 0.034		97.707 563 90 97.709 368 00	-9.654 111 77 -9.651 416 23	4.62 -3.40	-3.28 0.71 2.81 1.41	2.47 2.00 2.53 2.99 2.45 10.33 7.72 8.83 10.36 8.53	A 33.42	11.63	+0.02	0.00										
06312+0956	1	FCA	A 31065 B 31065	8.029 0.014 10.427 0.117				97.788 931 11 97.788 725 59	+9.939 823 37 +9.940 042 78	0.54 0.54	-1.93 -4.17 -1.93 -4.17	1.93 1.45 1.76 1.55 1.28 24.45 11.75 1.76 1.55 1.28	A 317	1.07												
06312+1115	1	ICA	A 31066 B 120003	6.130 0.012 9.117 0.144	5.993 0.009 9.054 0.030	6.128 0.009 9.087 0.040		97.789 835 09 97.790 108 31	+11.251 381 66 +11.255 856 92	0.59 20.03	4.60 -2.53 1.84 -14.47	1.77 1.41 1.58 1.91 1.59 50.59 40.79 18.50 32.94 26.14	A 3.4	16.14	0.0	-0.01										
06312-7031	1	FCA	A 31071 B 31071	7.948 0.246 8.655 0.471				97.801 312 91 97.801 365 43	-70.516 074 35 -70.516 098 95	7.84 7.84	-28.06 33.98 -28.06 33.98	6.85 11.62 0.56 0.68 0.62 15.51 17.45 0.56 0.68 0.62	A 145	0.11												
06313-2706	1	LCA	D A 31081 B 31081	9.642 0.012 11.349 0.057	12.164 0.309	11.350 0.217		97.832 530 17 97.831 939 38	-27.100 596 32 -27.100 210 52	1.38 1.38	-5.74 3.16 -16.35 -14.47	1.86 1.98 2.50 1.73 1.82 11.70 12.96 2.50 7.09 7.68	A 306.3	2.35	-0.5	0.00										
06314+0749	1	FCA	B 31089 A 31089	8.894 0.180 9.558 0.331				97.857 639 34 97.857 610 34	+7.822 335 36 +7.822 371 92	16.35 16.35	21.67 -3.74 21.67 -3.74	16.61 13.74 1.26 1.10 0.85 30.20 24.99 1.26 1.10 0.85	B 322	0.17												
06314-1214	1	FND	D A 31087 B 31087	8.282 0.007 11.992 0.195				97.850 130 45 97.850 236 71	-12.226 715 67 +5.769 431 40	3.25 3.25	-7.36 1.13 -7.36 1.13	1.40 1.09 1.45 1.46 1.18 51.65 38.83 1.45 1.46 1.18	A 126	0.46												
06316+3210	1	FCA	A 31104 B 31104	7.200 0.003 10.256 0.045				97.902 818 28 97.902 809 40	+32.166 253 35 +32.166 010 84	1.30 1.30	5.49 -24.41 5.49 -24.41	1.14 0.94 1.37 1.61 0.88 15.33 10.77 1.37 1.61 0.88	A 182	0.87												
06317+0546	1	FFC	A 31110 B 31109	7.218 0.014 8.616 0.051	7.138 0.009	7.160 0.011		97.918 904 54 97.915 720 86	+5.769 120 15 +5.769 431 40	-22.14 -22.14	-29.73 9.72 -29.73 9.72	8.40 5.92 6.43 6.92 5.24 43.05 42.02 6.43 6.92 5.24	A 275.6	11.46												
06317-3430	1	FCB	A 31113 B 31113	9.092 0.010 12.354 0.196				97.930 663 96 97.930 843 97	-34.500 391 27 -34.500 335 02	1.65 1.65	-3.16 5.27 -3.16 5.27	1.59 1.29 1.39 1.24 1.40 29.41 33.94 1.39 1.24 1.40	A 69	0.57												
06318-3710	1	FCA	P A 31116 B 31116	7.740 0.011 9.337 0.047				97.938 336 54 97.938 366 25	-37.173 139 95 -37.173 056 03	1.79 1.79	-9.10 9.57 -9.10 9.57	1.35 1.87 0.80 0.63 0.81 6.54 7.15 0.80 0.63 0.81	A 16	0.31												

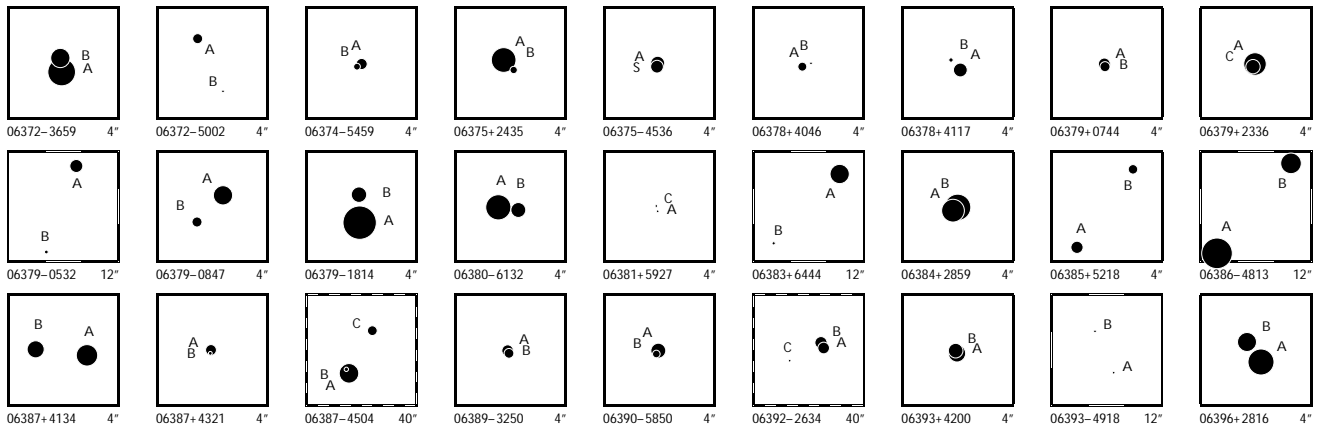


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^* mas	δ mas	π mas	μ_{α^*} mas/yr	μ_{δ} mas/yr	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr						
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
06319-4332	1	F	C	A	31126	10.830	0.015				97.963	901 20	-43.533	972 77	41.35	-275.00	-27.36	1.93	2.21	2.16	1.90	2.56	A	219.2	3.81				
				B	31126	12.738	0.084				97.962	976 72	-43.534	793 35	41.35	-275.00	-27.36	18.54	20.12	2.16	1.90	2.56							
06320-5845	1	F	C	A	31137	5.714	0.003	5.630	0.003	5.701	0.004	97.992	965 24	-58.753	840 73	4.50	-0.67	2.39	0.51	0.55	0.50	0.51	0.53	A	229.9	2.49			
				B	31137	9.432	0.080				97.991	946 27	-58.754	285 89	4.50	-0.67	2.39	15.21	27.07	0.50	0.51	0.53							
06321+0602	1	F	C	A	31147	7.047	0.107				98.029	762 86	+6.035	663 31	3.84	-4.77	-2.29	2.91	7.80	0.88	0.77	0.61	A	194	0.14				
				B	31147	8.094	0.281				98.029	753 60	+6.035	626 78	3.84	-4.77	-2.29	7.96	14.30	0.88	0.77	0.61							
06321-5143	1	F	C	A	31146	9.216	0.005	10.275	0.032	9.175	0.021	98.028	584 11	-51.713	778 66	1.23	-1.24	1.45	1.10	1.09	1.09	1.21	1.16	A	245.5	8.01			
				B	31146	11.678	0.047				98.025	316 17	-51.714	702 94	1.23	-1.24	1.45	13.46	13.64	1.09	1.21	1.16							
06323+1542	1	F	C	A	31164	7.387	0.006	8.020	0.013	7.300	0.012	98.086	235 40	+15.706	192 07	6.73	-0.66	-3.65	1.49	1.24	1.55	1.76	1.18	A	337	1.47			
				B	31164	10.121	0.063				98.086	066 26	+15.706	567 59	6.73	-0.66	-3.65	20.66	17.50	1.55	1.76	1.18							
06323+1747	1	I	C	A	31158	6.409	0.041	6.890	0.010	6.313	0.006	98.077	179 21	+17.784	286 26	9.21	36.43	25.96	3.04	2.45	2.33	3.14	2.45	A	210.97	19.90	+0.01	0.00	
				B	31156	7.069	0.065	7.373	0.009	6.924	0.009	98.074	191 34	+17.779	546 18	8.96	37.17	30.84	20.14	16.18	7.09	9.20	7.18						
06324+6044	1	F	C	A	31169	8.620	0.012	8.818	0.018	8.612	0.021	98.100	728 50	+60.729	329 13	2.12	9.19	-31.37	1.56	1.35	1.77	1.65	1.34	A	194.8	3.80			
				B	31169	11.781	0.208				98.100	177 28	+60.728	308 37	2.12	9.19	-31.37	30.88	31.87	1.77	1.65	1.34							
06326-0347	1	F	C	A	31181	9.478	0.005				98.145	303 13	-3.785	240 94	3.32	-1.01	2.94	1.96	1.43	2.42	2.13	1.73	A	172	0.633				
				B	31181	10.760	0.015				98.145	328 40	-3.785	414 85	3.32	-1.01	2.94	7.11	4.39	2.42	2.13	1.73							
06327-0520	1	F	C	A	31195	8.355	0.004				98.167	774 59	-5.340	610 90	4.90	-11.01	6.84	5.12	4.13	2.71	5.64	5.53	A	334.5	0.650				
				B	31195	8.397	0.004				98.167	696 54	-5.340	448 04	4.90	-11.01	6.84	5.19	4.31	2.71	5.64	5.53							
06328-1203	1	F	C	A	31212	7.878	0.006	7.776	0.006	7.851	0.008	98.210	138 89	-12.056	633 87	0.88	-4.34	-1.49	1.24	0.99	1.40	1.35	1.14	A	191	1.47			
				B	31212	10.918	0.091				98.210	061 58	-12.057	034 87	0.88	-4.34	-1.49	21.61	17.88	1.40	1.35	1.14							
06335-2913	1	F	C	A	31271	8.067	0.007				98.366	377 17	-29.209	875 07	4.83	-8.25	8.73	1.56	1.04	1.07	0.86	0.93	A	260	0.35				
				B	31271	11.187	0.130				98.366	266 38	-29.209	892 62	4.83	-8.25	8.73	21.03	18.92	1.07	0.86	0.93							
06337-2853	1	F	C	A	31283	9.768	0.116				98.415	133 17	-28.889	161 35	5.71	3.63	22.32	6.90	8.93	1.24	0.94	1.11	A	145	0.19				
				B	31283	10.215	0.175				98.415	167 13	-28.889	203 88	5.71	3.63	22.32	9.85	12.60	1.24	0.94	1.11							
06337-7538	1	I	N	D	A	31293	10.499	0.041	12.290	0.220	10.556	0.067	98.433	253 69	-75.630	667 52	114.18	-290.42	278.52	4.02	3.62	3.18	3.40	3.80	A	36.08	22.51	0.00	-0.03
				B	31292	11.490	0.082				98.448	086 29	-75.625	614 16	119.54	-308.79	256.54	28.23	25.04	13.42	14.37	16.07							
06340+5228	1	F	C	A	31309	7.325	0.005	7.518	0.010	7.242	0.010	98.490	074 51	+52.461	601 82	9.95	3.40	-78.61	1.34	1.00	1.43	1.41	0.96	A	334.1	4.80			
				B	31309	8.434	0.014	8.733	0.019	8.269	0.019	98.489	117 08	+52.462	800 89	9.95	3.40	-78.61	5.26	5.23	1.43	1.41	0.96						
06340-1447	1	F	C	A	31311	9.524	0.113				98.494	349 52	-14.789	856 30	1.74	-6.13	4.79	6.01	8.99	1.42	1.36	1.16	A	12	0.17				
				B	31311	10.555	0.292				98.494	359 68	-14.789	809 29	1.74	-6.13	4.79	16.47	23.45	1.42	1.36	1.16							
06341-2938	1	F	C	A	31325	7.183	0.004	7.405	0.007	7.116	0.007	98.533	792 88	-29.629	518 99	7.98	-9.25	-34.57	0.74	0.78	0.97	0.84	0.88	A	353.88	7.702			
				B	31325	8.458	0.012	8.685	0.012	8.309	0.012	98.533	530 41	-29.627	391 64	7.98	-9.25	-34.57	3.31	3.29	0.97	0.84	0.88						
06342+0759	1	I	N	D	A	31328	8.432	0.018	9.260	0.031	8.321	0.022	98.538	578 56	+7.990	927 94	0.81	-0.08	-6.98	3.78	2.92	2.96	3.97	2.96	A	276.73	26.26	-0.01	-0.01
				B	31324	9.955	0.054	9.937	0.044	9.803	0.057	98.531	262 92	+7.991	782 56	9.99	4.76	-13.04	20.60	14.60	11.23	17.93	12.49						
06342+6210	1	F	C	A	31334	9.949	0.164				98.558	367 82	+62.174	568 74	1.53	-2.55	0.78	8.72	20.16	1.35	1.54	1.13	A	194	0.20				
				B	31334	11.122	0.482				98.558	340 03	+62.174	516 10	1.53	-2.55	0.78	27.92	26.63	1.35	1.54	1.13							
06342-1057	1	F	C	A	31332	9.819	0.007				98.549	052 57	-10.957	562 87	21.80	-114.17	270.77	2.11	1.54	2.39	2.89	2.13	A	33	0.86				
				B	31332	11.871	0.043				98.549	186 38	-10.957	363 53	21.80	-114.17	270.77	19.51	13.33	2.39	2.89	2.13							
06344+0318	1	F	C	A	31346	7.497	0.004	8.524	0.015	7.406	0.011	98.590	245 64	+3.306	483 68	4.93	0.86	-7.70	1.25	0.87	1.17	1.15	0.96	A	302.0	1.48			
				B	31346	10.286	0.051				98.589	895 16	+3.306	702 09	4.93	0.86	-7.70	15.63	8.94	1.17	1.15	0.96							
06344+1445	1	F	C	A	31345	8.377	0.006	8.609	0.030	8.164	0.028	98.589	974 87	+14.752	161 88	12.65	7.42	4.96	2.62	1.96	2.19	2.45	1.85	A	311.1	1.756			
				B	31345	8.627	0.008	8.938	0.025	8.429	0.029	98.589	594 82	+14.752	482 76	12.65	7.42	4.96	5.75	3.19	2.19	2.45	1.85						
06345-1114	1	L	C	A	31356	8.222	0.006				98.633	452 87	-11.229	726 36	10.46	-29.44	-6.67	2.11	1.89	2.00	1.96	1.67	A	344.2	0.470	+1.0	+0.005		
				B	31356	8.306	0.006				98.633	416 58	-11.229	600 84	10.46	-22.50	0.26	3.10	2.82	2.00	2.51	1.96							
06347+3832	1	F	C	A	31373	7.890	0.006	8.700	0.035	7.815	0.028	98.674	175 39	+38.540	167 39	3.92	16.93	-13.36	1.89	1.39	1.94	2.52	1.52	A	132.5	3.473			
				B	31373	8.612	0.011	8.926	0.042	8.431	0.040	98.675	085 46	+38.539	516 1														

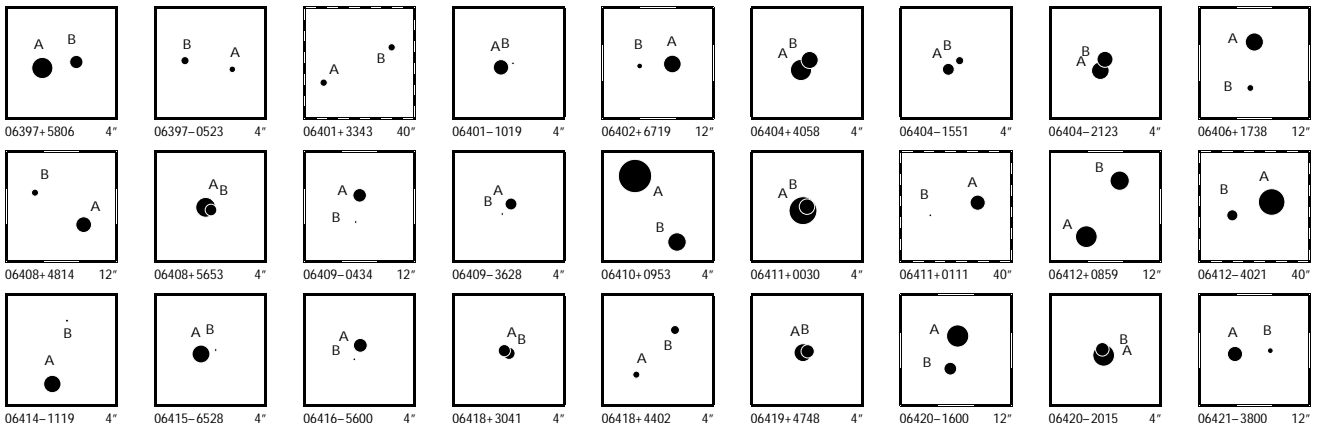
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06351+3704	1	FCA	A 31424 B 31424	7.639 0.003 10.462 0.039	8.936 0.013 10.207 0.043	7.595 0.006 9.787 0.112		98.775 626 08 +37.064 395 19 98.776 524 67 +37.064 592 70	1.22 1.22	0.64 -17.83 0.64 -17.83	1.13 0.79 1.21 1.25 0.80 14.26 7.20 1.21 1.25 0.80	A 74.6 2.68														
06351+6333	1	FND	D A 31422 B 31422	9.434 0.012 13.591 0.536	11.622 0.091	9.515 0.023		98.768 023 66 +63.541 852 06 98.769 717 43 +63.541 662 94	-1.13 -1.13	-3.46 0.05 -3.46 0.05	1.56 1.38 1.92 1.82 1.34 111.12 111.00 1.92 1.82 1.34	A 104 2.80														
06352+3457	1	FCA	A 31431 B 31431	9.652 0.006 11.651 0.037				98.789 487 69 +34.949 644 79 98.789 792 43 +34.949 523 26	6.69 6.69	21.81 13.22 21.81 13.22	1.84 1.22 1.89 2.22 1.44 16.13 8.98 1.89 2.22 1.44	A 116 1.00														
06354+3743	1	FCA	A 31454 B 31454	7.437 0.004 8.775 0.014	8.441 0.012 9.060 0.016	7.340 0.010 8.675 0.017		98.841 781 63 +37.715 388 29 98.842 682 89 +37.716 976 58	4.49 4.49	-4.13 -36.70 -4.13 -36.70	1.37 0.98 1.48 1.45 0.96 5.42 3.28 1.48 1.45 0.96	A 24.17 6.267														
06354-3647	1	LCA	A 31457 B 31457	5.896 0.003 8.967 0.009	5.585 0.014	5.759 0.015		98.850 934 36 -36.779 930 05 98.850 440 38 -36.780 011 80	5.62 5.62	-8.31 20.82 -15.88 22.69	0.61 0.64 0.62 0.53 0.61 3.29 2.19 0.62 1.66 1.74	A 258.3 1.454 +0.1 +0.007														
06354-3849	1	FCA	A 31453 B 31453	8.235 0.005 8.269 0.005				98.841 912 56 -38.808 834 71 98.841 555 81 -38.808 993 09	5.44 5.44	3.39 7.24 3.39 7.24	1.26 1.45 1.31 1.22 1.63 2.72 2.87 1.31 1.22 1.63	A 240.3 1.152														
06356-2603	1	LCA	A 31486 B 31486	8.632 0.006 8.938 0.008	8.742 0.010	8.189 0.009		98.907 184 46 -26.041 521 19 98.907 534 86 -26.041 329 43	10.53 10.53	1.04 -6.84 14.67 -10.90	1.52 1.81 1.88 1.40 1.60 4.86 3.75 1.88 5.32 7.47	A 58.7 1.33 +0.5 +0.01														
06357-4129	1	FND	D A 31491 B 31491	8.371 0.007 12.424 0.270	10.277 0.027	8.463 0.012		98.935 958 15 -41.489 835 12 98.936 822 87 -41.489 347 82	1.48 1.48	3.76 -32.86 3.76 -32.86	0.96 1.20 1.16 0.96 1.39 52.05 65.88 1.16 0.96 1.39	A 53 2.92														
06358-1028	1	FCC	A 31496 B 31496	9.336 0.211 10.774 0.794				98.943 188 22 -10.460 777 89 98.943 143 97 -10.460 812 56	3.64 3.64	-0.94 -0.62 -0.94 -0.62	16.99 14.17 1.59 1.90 1.45 88.46 64.96 1.59 1.90 1.45	A 231 0.20														
06358-1345	1	FCA	A 31497 B 31497	9.499 0.096 10.452 0.231				98.952 398 99 -13.747 102 22 98.952 409 46 -13.747 143 54	1.52 1.52	-1.97 1.10 -1.97 1.10	4.31 7.30 1.46 1.64 1.32 11.54 14.30 1.46 1.64 1.32	A 166 0.15														
06359+0519	1	IND	D A 31513 B 31515	8.354 0.009 9.123 0.014	8.509 0.023 9.069 0.025	8.350 0.028 9.145 0.034		98.979 752 34 +5.309 776 05 98.987 841 81 +5.307 399 35	-1.81 1.13	-1.47 -0.36 -1.97 2.04	2.81 1.94 2.35 2.29 1.78 7.05 4.62 4.10 4.21 3.30	A 106.44 30.233 0.00 -0.001														
06359-3605	1	FCB	A 31509 B 31509	6.727 0.102 8.146 0.376				98.975 306 27 -36.088 463 78 98.975 285 35 -36.088 421 00	24.83 24.83	-59.85 -73.04 -59.85 -73.04	3.05 8.22 0.56 0.45 0.58 19.39 24.44 0.56 0.45 0.58	A 338 0.17														
06359-4817	1	ICA	A 31506 B 31505	7.609 0.005 9.788 0.038	8.678 0.012 10.998 0.072	7.510 0.008 9.857 0.042		98.969 583 44 -48.279 858 94 98.967 794 74 -48.282 276 88	1.86 4.08	0.92 -15.17 8.13 -14.96	1.25 1.33 1.07 1.23 1.55 11.10 15.71 4.60 7.68 12.36	A 206.21 9.70 -0.04 0.00														
06360-1648	1	FCA	A 31518 B 31518	9.198 0.024 11.481 0.193				98.992 073 32 -16.804 323 72 98.992 014 94 -16.804 407 15	6.59 6.59	-11.37 -3.75 -11.37 -3.75	3.99 5.31 2.05 1.68 1.66 26.37 23.42 2.05 1.68 1.66	A 214 0.36														
06360-3510	1	LCA	A 31521 B 31521	7.893 0.004 9.751 0.019				98.998 057 04 -35.171 802 89 98.998 238 38 -35.171 608 31	12.61 12.61	46.78 49.34 29.41 57.65	0.91 1.01 1.01 0.89 1.01 6.48 7.67 1.01 3.82 6.00	A 37.3 0.88 -1.2 0.00														
06362-3608	1	FCB	A 31547 S 31547	7.773 0.201 8.607 0.433				99.052 544 75 -36.138 236 87 99.052 505 48 -36.138 236 34	25.47 25.47	-52.58 -86.04 -52.58 -86.04	12.84 4.56 0.72 0.63 0.76 18.33 15.50 0.72 0.63 0.76	A 271 0.11														
06363-2607	1	ICA	A 31554 B 31553	8.115 0.005 10.229 0.031	9.314 0.012 10.723 0.040	8.043 0.007 10.022 0.034		99.069 240 36 -26.123 646 93 99.066 310 60 -26.121 969 20	5.09 -1.88	4.34 9.47 4.85 12.36	1.17 1.40 1.57 1.30 1.45 9.75 10.76 6.51 5.02 5.87	A 302.53 11.23 +0.01 0.00														
06364+2717	1	FCA	A 31568 B 31568	7.222 0.004 8.948 0.019				99.109 409 34 +27.278 620 05 99.109 251 99 +27.278 730 36	27.72 27.72	8.05 -93.60 8.05 -93.60	2.20 1.37 1.97 2.51 1.61 13.26 8.13 1.97 2.51 1.61	A 308 0.64														
06364+3006	1	FCA	A 31562 B 31562	8.921 0.158 9.599 0.295				99.093 122 13 +30.105 482 73 99.093 154 94 +30.105 513 95	8.04 8.04	18.06 -15.33 18.06 -15.33	9.48 10.19 1.18 1.41 0.88 17.90 16.11 1.18 1.41 0.88	A 42 0.15														
06364-1840	1	ICA	A 31564 B 31560	5.870 0.011 7.613 0.047	6.749 0.004 7.987 0.009	5.790 0.003 7.614 0.010		99.095 240 32 -18.659 944 54 99.090 168 86 -18.660 457 76	11.79 8.13	-11.82 16.82 -13.16 8.56	0.90 0.99 1.21 1.01 1.08 11.73 13.29 8.64 8.11 8.96	A 263.90 17.40 -0.03 0.00														
06365+0743	1	FNC	A 31577 B 31577	9.455 0.027 11.317 0.149	9.479 0.030	9.479 0.040		99.134 210 12 +7.710 379 53 99.133 887 41 +7.709 564 18	5.78 5.78	-1.19 -8.18 -1.19 -8.18	3.92 2.81 3.73 3.96 3.07 30.31 19.71 3.73 3.96 3.07	A 201 3.15														
06366+7756	1	FCA	A 31584 B 31584	7.696 0.004 10.423 0.048				99.148 720 87 +77.925 043 22 99.148 303 83 +77.925 121 72	5.72 5.72	3.72 -33.45 3.72 -33.45	0.90 1.04 0.86 0.65 0.76 10.61 13.97 0.86 0.65 0.76	A 312 0.42														
06366-6442	1	FCA	A 31580 B 31580	8.547 0.023 10.371 0.123				99.139 004 68 -64.698 527 38 99.139 123 01 -64.698 590 90	3.75 3.75	-14.42 -0.81 -14.42 -0.81	2.70 3.40 0.84 0.96 1.02 11.30 14.35 0.84 0.96 1.02	A 141 0.29														
06367-2237	1	FCA	A 31593 B 31593	6.375 0.003 9.349 0.035	6.237 0.003 9.391 0.016	6.384 0.004 9.310 0.020		99.171 121 93 -22.614 750 69 99.170 002 83 -22.612 450 44	4.34 4.34	-8.05 7.74 -8.05 7.74	0.46 0.61 0.83 0.48 0.68 5.67 9.35 0.83 0.48 0.68	A 335.81 9.08														
06370-3809	1	FCA	A 31617 E 31617	6.301 0.002 8.693 0.018				99.257 874 32 -38.146 615 62 99.257 736 81 -38.146 778 72	7.52 7.52	-1.52 45.24 -1.52 45.24	0.57 0.57 0.62 0.64 0.67 5.09 5.26 0.62 0.64 0.67	A 213.5 0.70														
06371-2842	1	FND	D A 31621 B 31621	7.707 0.005 11.979 0.253	8.760 0.009	7.634 0.006		99.263 880 17 -28.706 130 04 99.263 723 10 -28.706 391 85	3.85 3.85	-6.51 -24.62 -6.51 -24.62	0.79 0.89 1.08 0.89 0.94 47.81 64.54 1.08 0.89 0.94	A 208 1.07														
06371-5029	1	FCA	A 31625 B 31625	8.299 0.008 10.373 0.049				99.271 310 25 -50.482 651 64 99.271 227 21 -50.482 844 42	2.00 2.00	-6.94 -2.09 -6.94 -2.09	1.26 1.34 1.27 1.43 1.43 10.59 10.62 1.27 1.43 1.43	A 195 0.72														



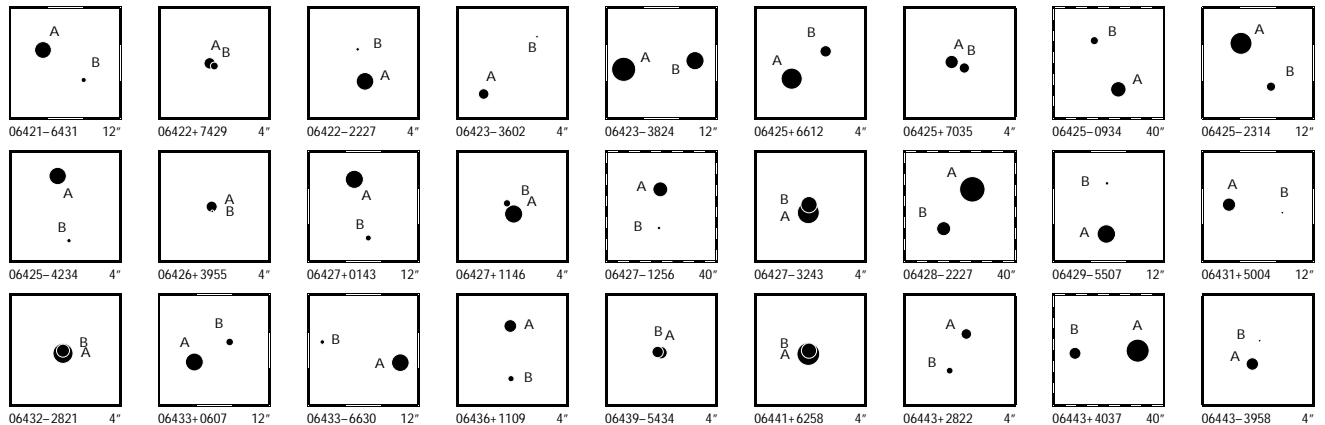
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06372-3659	1	F CA	A 31637 B 31637	5.854 7.768	0.004 0.024						99.307 674 33 99.307 686 63	-36.990 683 88 -36.990 536 19	1.97 1.97	-9.85 -9.85	13.59 13.59	0.71 5.84	0.86 5.19	0.76 0.76	0.65 0.65	0.78 0.78	A	4		0.53	
06372-5002	1	F CA	A 31634 B 31634	9.767 12.431	0.010 0.115	11.499	0.086	9.855	0.033		99.296 169 53 99.295 768 00	-50.038 297 04 -50.038 843 29	66.11 66.11	159.04 159.04	13.58 13.58	1.55 25.15	1.64 26.09	1.61 1.61	1.67 1.67	1.66 1.66	A	205		2.17	
06374-5459	1	F FD	A 31644 B 31644	9.563 10.500	0.176 0.415						99.340 506 69 99.340 577 34	-54.979 209 02 -54.979 230 15	1.51 1.51	-9.91 -9.91	17.37 17.37	16.64 16.97	9.46 12.48	0.83 0.83	0.82 0.82	0.95 0.95	A	118		0.16	
06375+2435	1	F CA	A 31650 B 31650	6.546 10.381	0.004 0.129						99.363 712 66 99.363 600 62	+24.590 844 71 +24.590 744 23	6.00 6.00	-3.94 -3.94	2.55 2.55	1.37 48.93	0.98 34.95	1.19 1.19	1.41 1.41	0.87 0.87	A	225		0.52	
06375-4536	1	F CB	A 31653 S 31653	8.880 9.172	0.325 0.426						99.376 394 79 99.376 401 50	-45.594 303 99 -45.594 336 63	0.66 0.66	-6.49 -6.49	7.56 7.56	6.67 10.08	24.98 14.05	0.71 0.71	0.75 0.75	0.78 0.78	A	172		0.12	
06378+4046	1	F CA	A 31689 B 31689	9.997 12.110	0.036 0.251						99.450 554 50 99.450 448 18	+40.762 275 05 +40.762 317 79	7.24 7.24	50.74 50.74	1.10 1.10	6.08 46.82	3.56 27.42	2.38 2.38	2.36 2.36	1.47 1.47	A	298		0.33	
06378+4117	1	F CA	A 31687 B 31687	8.910 11.013	0.006 0.040						99.441 871 26 99.442 002 11	+41.281 344 39 +41.281 441 56	7.20 7.20	-11.77 -11.77	-44.81 -44.81	1.99 15.57	1.40 9.42	1.63 1.63	2.15 2.15	1.29 1.29	A	45		0.50	
06379+0744	1	F CC	A 31704 B 31704	9.362 9.798	0.291 0.434						99.482 900 36 99.482 892 36	+7.729 225 73 +7.729 196 43	1.31 1.31	4.54 4.54	-0.96 -0.96	14.78 21.84	16.52 18.58	1.39 1.39	1.21 1.21	0.99 0.99	A	195		0.11	
06379+2336	1	F CB	A 31696 C 31696	7.001 8.797	0.089 0.466						99.468 602 74 99.468 626 76	+23.604 458 24 +23.604 425 34	1.38 1.38	1.31 1.31	-1.05 -1.05	4.49 22.44	5.51 24.26	1.25 1.25	1.73 1.73	1.06 1.06	A	146		0.14	
06379-0532	1	F CA	A 31705 B 31705	9.144 11.151	0.005 0.032	9.141	0.016	9.162	0.021		99.484 317 49 99.485 253 15	-5.533 484 65 -5.536 126 06	2.29 2.29	-2.91 -2.91	-2.72 -2.72	1.68 10.18	1.08 6.47	1.72 1.72	1.56 1.56	1.34 1.34	A	160.6		10.08	
06379-0847	1	F CA	A 31693 B 31693	7.729 9.750	0.007 0.045	8.762	0.015	7.569	0.010		99.463 451 50 99.463 717 40	-8.781 681 15 -8.781 960 36	3.51 3.51	7.98 7.98	-20.77 -20.77	1.42 11.29	1.02 7.87	1.36 1.36	1.31 1.31	1.16 1.16	A	136.7		1.38	
06379-1814	1	F CB	A 31700 B 31700	4.626 8.556	0.002 0.061	5.924	0.003	4.562	0.002		99.472 608 02 99.472 621 65	-18.237 457 13 -18.237 167 47	7.03 7.03	-6.86 -6.86	-8.47 -8.47	0.47 12.80	0.46 15.08	0.62 0.62	0.53 0.53	0.49 0.49	A	3		1.04	
06380-6132	1	L CA	A 31711 B 31711	6.402 8.728	0.003 0.023						99.501 768 47 99.501 327 93	-61.533 563 88 -61.533 590 85	46.15 46.15	-50.08 5.32	72.69 71.61	0.78 6.50	0.68 6.30	0.64 0.64	0.73 4.56	0.66 4.59	A	262.7	0.762	-0.6	-0.055
06381+5927	1	F FD	A 31722 C 31722	11.474 11.944	0.067 0.102						99.539 236 73 99.539 264 07	+59.442 072 52 +59.442 134 65	4.16 4.16	10.99 10.99	8.18 8.18	30.76 47.10	19.29 27.29	5.43 5.43	7.29 7.29	5.65 5.65	A	13		0.23	
06383+6444	1	F CB	A 31729 B 31729	7.721 11.300	0.007 0.177	8.158	0.008	7.653	0.007	10.822	99.578 163 90 99.582 914 96	+64.735 004 84 +64.732 871 77	14.46 14.46	-23.38 -23.38	2.90 2.90	3.02 14.56	1.04 39.94	1.40 1.40	1.04 1.04	0.96 0.96	A	136.4		10.60	
06384+2859	1	F CA	B 31737 A 31737	6.201 6.969	0.032 0.064						99.595 896 39 99.595 947 97	+28.984 403 77 +28.984 366 01	7.74 7.74	-18.70 -18.70	-15.52 -15.52	5.33 12.03	2.91 5.80	1.08 1.08	1.32 1.32	0.79 0.79	B	130		0.21	
06385+5218	1	F CA	A 31752 B 31752	9.271 9.884	0.009 0.016	10.010	0.026	9.011	0.019	9.777	99.634 199 70 99.634 255 06	+52.294 687 23 +52.295 482 12	5.52 5.52	-13.13 -13.13	-30.47 -30.47	2.37 8.37	1.85 4.85	2.36 2.36	2.34 2.34	1.63 1.63	A	324.0		3.54	
06386-4813	1	F CA	A 31765 B 31765	5.209 7.432	0.005 0.032	6.295	0.005	5.139	0.004	7.379	99.656 802 09 99.653 382 47	-48.220 231 29 -48.217 455 43	7.48 7.48	3.92 3.92	19.83 19.83	0.55 7.83	0.59 8.67	0.57 0.57	0.58 0.58	0.59 0.59	A	320.62		12.93	
06387+4134	1	F CA	A 31776 B 31776	7.261 8.228	0.004 0.009	6.980	0.017	7.004	0.018		99.669 817 85 99.670 519 80	+41.581 494 94 +41.581 557 76	3.64 3.64	-3.73 -3.73	-0.79 -0.79	1.12 4.65	0.82 1.94	1.12 1.12	1.26 1.26	0.78 0.78	A	83.2		1.904	
06387+4321	1	F CC	A 31782 B 31782	5.955 11.172	0.268 1.147						99.680 278 65 99.680 287 13	+43.352 942 74 +43.352 906 73	6.77 6.77	-7.93 -7.93	-29.50 -29.50	6.12 39.82	16.05 70.46	1.65 1.65	1.83 1.83	1.37 1.37	A	170		0.13	
06387-4504	1	F NC	G A 31784 C 31781 B 31784	7.676 9.829 11.061	0.026 0.160 0.224	7.503	0.007	7.657	0.009	9.517	99.683 280 93 99.679 875 24 99.683 599 27	-45.064 474 28 -45.060 082 08 -45.064 003 76	-0.16 -0.16 -0.16	-0.01 -0.01 -0.01	9.68 9.68 9.68	1.03 19.62 32.23	1.21 25.80 37.63	1.12 1.12 1.12	1.08 1.08 1.08	1.26 1.26 1.26	A	331.3	18.03		
06389-3250	1	F ND	A 31794 B 31794	9.438 9.821	0.408 0.581						99.715 274 35 99.715 264 13	-32.830 967 58 -32.830 993 87	2.30 2.30	-4.38 -4.38	11.39 11.39	8.11 12.89	16.29 28.68	0.92 0.92	0.76 0.76	0.92 0.92	A	198		0.10	
06390-5850	1	F CB	A 31805 B 31805	8.684 10.293	0.224 0.985						99.744 033 62 99.744 083 15	-58.835 972 39 -58.836 001 90	6.70 6.70	-5.32 -5.32	2.13 2.13	8.57 51.84	11.86 47.20	0.64 0.64	0.63 0.63	0.64 0.64	A	139		0.14	
06392-2634	1	L NB	G A 31821 A 31821 C 31821	9.279 9.397 11.587	0.014 0.013 0.150	9.869	0.024	9.026	0.021	9.106	99.798 562 76 99.798 319 81 99.802 217 44	-26.571 941 57 -26.572 456 00 -26.573 800 29	20.56 20.56 20.56	-34.27 -39.42 -22.66	27.38 13.35 -26.55	1.56 2.58 25.43	2.47 3.78 37.80	2.07 2.07 2.07	1.66 1.84 17.66	2.46 2.55 27.41	B	202.9	2.010	0.0	+0.015
06393+4200	1	F CA	A 31834 B 31834	8.131 8.779	0.093 0.168						99.834 451 04 99.834 469 99	+42.004 592 72 +42.004 629 62	4.39 4.39	-1.55 -1.55	-7.38 -7.38	4.07 7.85	6.27 9.74	0.88 0.88	0.98 0.98	0.61 0.61	A	21		0.14	
06393-4918	1	F NC	A 31833 B 31833	11.892 13.237	0.030 0.101						99.832 964 01 99.833 844 60	-49.293 553 78 -49.292 270 12	21.21 21.21	105.92 105.92	294.17 294.17	2.96 27.84	3.04 31.11	2.99 2.99	3.19 3.19	3.17 3.17	A	24.1		5.06	
06396+2816	1	F CA	A 31852 B 31852	6.221 7.821	0.002 0.009						99.888 015 66 99.888 179 23	-28.263 157 74 +28.263 358 83	4.60 4.60	-5.66 -5.66	-9.75 -9.75	1.25 5.44	0.77 3.11	1.21 1.21	1.46 1.46	0.84 0.84	A	35.6		0.891	



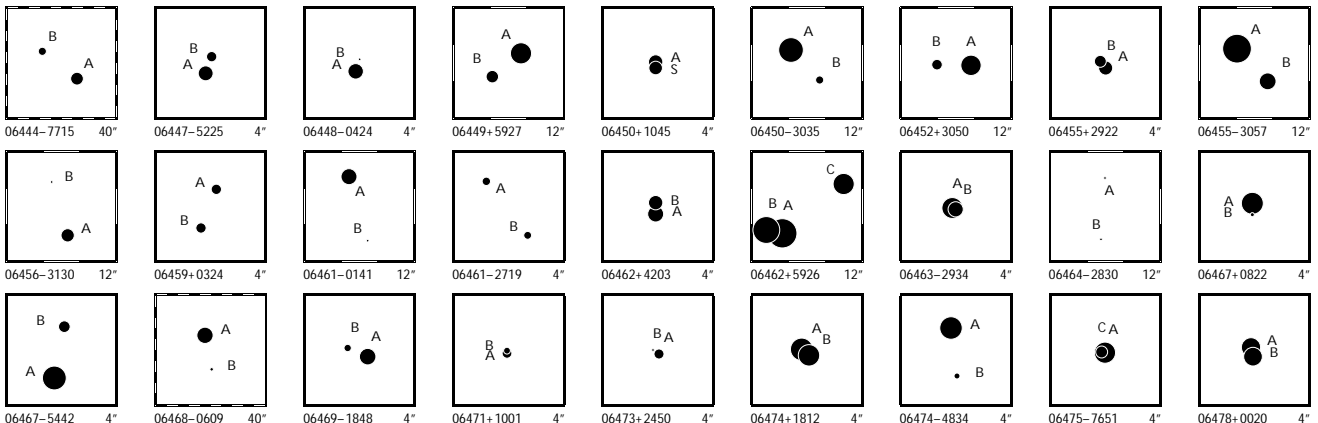
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. mas	Proper Motion			Standard Errors				Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06397+5806	1	F CA	A 31872 B 31872	7.333 0.004 9.039 0.019	8.191 0.019	7.123 0.011	99.931 597 99 99.930 939 49	+8.095 119 61 +8.095 180 92	3.07 3.07	-7.67 -7.67	-38.46 -38.46	1.03 0.77 1.11 6.69 4.35 1.11	1.06 0.75 1.06 0.75	A 280.0	1.27										
06397-0523	1	F CA	B 31867 A 31867	10.206 0.011 10.570 0.015	10.113 0.046	9.567 0.035	99.924 877 91 99.924 394 27	-5.385 087 77 -5.385 172 48	3.55 3.55	-5.44 -5.44	5.46 5.46	2.97 2.07 3.16 6.86 4.55 3.16	2.85 2.36 2.85 2.36	B 260.0	1.76										
06401+3343	1	I NB	A 31913 B 31910	10.367 0.014 10.372 0.014	10.554 0.035	10.108 0.036	100.040 470 60 100.032 102 09	+33.707 509 76 +33.711 169 46	6.76 6.42	1.59 -52.61	-7.12 -5.15	4.32 3.20 4.26 8.48 5.26 5.37	5.52 3.50 6.63 4.25	A 297.73	28.31 -0.05 +0.05										
06401-1019	1	F CB	A 31906 B 31906	8.574 0.015 11.909 0.293			100.026 278 71 100.026 159 83	-10.310 757 26 -10.310 717 88	3.23 3.23	1.18 1.18	2.13 2.13	2.86 1.88 1.82 56.14 40.34 1.82	2.62 1.94 2.62 1.94	A 289	0.44										
06402+6719	1	F CA	A 31914 B 31914	8.084 0.005 10.758 0.054	8.053 0.006	8.054 0.008	100.041 665 27 100.044 235 35	+67.323 512 63 +67.323 467 37	4.92 4.92	1.10 1.10	-22.70 -22.70	0.87 0.88 1.20 10.97 11.25 1.20	0.90 0.92 0.90 0.92	A 92.6	3.57										
06404+4058	1	F CA	A 31928 B 31928	7.321 0.005 8.220 0.010			100.088 770 67 100.088 649 35	+40.969 706 38 +40.969 804 39	8.30 8.30	-32.79 -32.79	-4.00 -4.00	1.91 1.36 1.62 6.11 4.21 1.62	1.72 1.12 1.72 1.12	A 317	0.483										
06404-1551	1	F CA	A 31932 B 31932	9.368 0.007 10.189 0.015			100.100 741 78 100.100 630 47	-15.853 516 49 -15.853 432 03	2.95 2.95	-7.00 -7.00	4.73 4.73	2.30 2.03 2.29 5.94 4.44 2.29	2.23 1.99 2.23 1.99	A 308	0.491										
06404-2123	1	F CA	A 31935 B 31935	8.123 0.008 8.471 0.012			100.104 682 62 100.104 633 16	-21.390 065 02 -21.389 950 58	4.89 4.89	-5.39 -5.39	3.89 3.89	1.45 1.84 1.74 2.71 2.98 1.74	1.57 1.72 1.57 1.72	A 338.1	0.444										
06406+1738	1	F CA	A 31950 B 31950	7.960 0.005 10.492 0.049	8.418 0.019	7.877 0.015	100.145 944 72 100.146 070 12	+17.640 843 46 +17.639 401 61	13.64 13.64	26.81 26.81	-62.17 -62.17	1.55 1.15 1.51 16.41 10.04 1.51	1.76 1.18 1.76 1.18	A 175.3	5.21										
06408+4814	1	F CA	A 31967 B 31967	8.508 0.006 10.448 0.033	8.909 0.015	8.405 0.014	100.211 325 02 100.213 599 16	+48.255 185 54 +48.256 160 66	9.74 9.74	14.88 14.88	-34.91 -34.91	1.44 1.06 1.50 9.53 6.81 1.50	1.69 1.26 1.69 1.26	A 57.2	6.48										
06408+5653	1	F CA	A 31961 B 31961	7.614 0.031 9.444 0.168			100.197 331 01 100.197 237 16	+56.883 855 02 +56.883 828 15	1.23 1.23	5.21 5.21	-21.95 -21.95	4.89 4.23 1.11 25.87 23.27 1.11	1.17 0.80 1.17 0.80	A 242	0.21										
06409-0434	1	F ND	D A 31973 B 31973	9.008 0.017 11.657 0.185	9.345 0.019	8.962 0.020	100.231 854 22 100.232 005 38	-4.568 412 53 -4.569 258 05	4.59 4.59	-13.04 -13.04	-12.38 -12.38	2.78 1.87 2.88 37.54 25.29 2.88	2.58 2.29 2.58 2.29	A 170	3.09										
06409-3628	1	F ND	D A 31971 B 31971	9.363 0.010 13.321 0.371			100.230 613 61 100.230 724 32	-36.473 468 75 -36.473 574 76	8.78 8.78	20.31 20.31	30.88 30.88	1.11 1.46 1.28 74.72 96.96 1.28	0.97 1.66 0.97 1.66	A 140	0.50										
06410+0953	1	F CA	W A 31978 B 31978	4.605 0.004 7.937 0.055	4.371 0.005	4.635 0.005	100.244 421 01 100.243 977 05	+9.895 760 21 +9.895 080 71	3.19 3.19	-0.66 -0.66	-2.51 -2.51	0.73 0.52 0.73 15.75 10.32 0.73	0.78 0.57 0.78 0.57	A 212.8	2.91										
06411+0030	1	F CB	A 31992 B 31992	5.840 0.027 8.573 0.333			100.272 690 70 100.272 652 11	+0.495 332 79 +0.495 367 76	2.82 2.82	-7.48 -7.48	-5.04 -5.04	3.12 2.11 0.80 69.56 53.27 0.80	0.80 0.60 0.80 0.60	A 312	0.19										
06411+0111	1	F ND	D A 31994 B 31998	8.659 0.019 11.398 0.207	9.702 0.031	8.591 0.021	100.286 367 64 100.291 215 61	+1.181 124 48 +1.179 878 48	4.64 4.64	2.80 2.80	4.81 4.81	3.19 2.03 2.42 80.98 44.82 2.42	2.96 2.29 2.96 2.29	A 104.4	18.02										
06412+0859	1	F CA	A 31996 B 31996	7.194 0.008 7.716 0.012	8.141 0.013	7.065 0.011	100.289 234 59 100.288 217 43	+8.984 771 01 +8.986 487 77	4.20 4.20	-2.30 -2.30	-19.45 -19.45	1.86 1.11 1.61 4.84 2.94 1.61	1.80 1.20 1.80 1.20	A 329.66	7.161										
06412-4021	1	F CA	A 32007 B 32007	6.113 0.004 9.513 0.084	5.952 0.003	6.122 0.004	100.309 056 81 100.314 414 40	-40.349 873 12 -40.351 193 25	3.08 3.08	-5.68 -5.68	10.64 10.64	0.49 0.56 0.56 17.78 21.01 0.56	0.48 0.67 0.48 0.67	A 107.9	15.45										
06414-1119	1	F CA	A 32029 B 32029	8.139 0.005 11.351 0.092	8.224 0.013	8.123 0.016	100.358 454 05 100.358 295 74	-11.312 355 64 -11.311 709 35	8.93 8.93	2.15 2.15	-10.91 -10.91	1.15 0.94 1.33 19.51 17.72 1.33	1.35 1.18 1.35 1.18	A 346.5	2.39										
06415-6528	1	F CB	A 32035 B 32035	8.023 0.005 11.692 0.138			100.375 194 37 100.374 812 98	-65.468 490 56 -65.468 449 57	15.94 15.94	-10.86 -10.86	-73.64 -73.64	1.08 0.85 0.80 27.61 31.10 0.80	0.92 0.85 0.92 0.85	A 285	0.59										
06416-5600	1	F CA	A 32041 B 32041	8.949 0.005 11.579 0.056			100.407 497 87 100.407 606 95	-55.999 086 67 -55.999 227 47	4.70 4.70	11.25 11.25	34.23 34.23	1.23 1.36 1.07 18.49 15.82 1.07	1.27 1.38 1.27 1.38	A 157	0.55										
06418+3041	1	F CA	B 32050 A 32050	9.292 0.087 9.323 0.090			100.447 792 34 100.447 848 52	+30.684 054 97 +30.684 087 55	7.94 7.94	2.27 2.27	2.52 2.52	10.81 8.63 1.51 9.25 7.74 1.51	2.01 1.27 2.01 1.27	B 56	0.21										
06418+4402	1	F CA	B 32048 A 32048	10.034 0.013 10.452 0.019	10.029 0.043	9.546 0.026	100.437 731 59 100.438 280 85	+44.025 579 37 +44.025 125 20	5.35 5.35	2.94 2.94	-12.38 -12.38	3.03 2.24 3.16 6.97 4.81 3.16	3.47 2.44 3.47 2.44	B 139.0	2.17										
06419+4748	1	F CA	A 32061 B 32061	8.034 0.174 9.035 0.437			100.475 800 87 100.475 732 66	+47.793 587 74 +47.793 597 69	9.19 9.19	-23.32 -23.32	-22.57 -22.57	13.10 6.25 0.96 36.96 21.44 0.96	1.11 0.84 1.11 0.84	A 282	0.17										
06420-1600	1	F CA	A 32069 B 32069	7.070 0.003 9.183 0.021	7.012 0.005	7.061 0.007	100.498 751 80 100.498 980 91	-16.007 220 09 -16.008 226 38	3.79 3.79	-2.23 -2.23	4.30 4.30	1.06 0.94 1.24 7.82 8.42 1.24	1.03 0.95 1.03 0.95	A 167.7	3.71										
06420-2015	1	F CA	A 32065 B 32065	7.197 0.027 9.024 0.147			100.488 264 73 100.488 283 11	-20.249 627 12 -20.249 567 94	6.71 6.71	-5.95 -5.95	-52.74 -52.74	1.87 3.49 0.89 9.66 11.58 0.89	0.67 0.69 0.67 0.69	A 16	0.22										
06421-3800	1	F CA	A 32075 B 32075	8.652 0.006 10.765 0.038	9.177 0.014	8.576 0.013	100.523 036 04 100.521 658 92	-38.003 799 25 -38.003 698 28	15.16 15.16	14.18 14.18	24.27 24.27	1.04 1.16 1.22 10.08 11.14 1.22	1.03 1.52 1.03 1.52	A 275.3	3.92										



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06421-6431	1	L CA	A 32079 B 32079	8.298 0.008 10.839 0.078	8.557 0.009 11.549 0.132	8.196 0.009 10.699 0.099	100.530 646 11 100.527 721 49	-64.523 963 61 -64.524 882 48	6.02 6.02	3.05 18.00 -56.02 -21.02	1.77 1.93 1.56 1.55 1.66 25.04 32.07 1.56 15.71 25.13	A 233.9 5.61 0.0 +0.07													
06422+7429	1	F F D W	A 32085 B 32085	9.499 0.104 10.236 0.204			100.546 947 32 100.546 772 93	+74.480 826 31 +74.480 797 56	2.35 2.35	-2.21 3.86 -2.21 3.86	14.27 13.23 1.18 0.78 0.95 21.55 23.54 1.18 0.78 0.95	A 238 0.20													
06422-2227	1	F CA	A 32084 B 32084	8.117 0.003 11.248 0.058	7.924 0.005 8.074 0.007		100.538 148 68 100.538 229 22	-22.443 546 19 -22.443 220 67	2.63 2.63	-3.91 2.88 -3.91 2.88	0.59 0.88 1.18 0.61 0.87 9.52 17.68 1.18 0.61 0.87	A 12.9 1.20													
06423-3602	1	F CB	A 32093 B 32093	9.638 0.009 12.694 0.152	10.849 0.038 9.603 0.022		100.569 995 60 100.569 313 64	-36.028 619 64 -36.028 020 58	1.80 1.80	12.74 -8.73 12.74 -8.73	1.29 1.51 1.59 1.26 1.89 33.05 37.72 1.59 1.26 1.89	A 317 2.93													
06423-3824	1	F CA	A 32091 B 32091	6.641 0.003 7.968 0.011	6.929 0.006 8.270 0.012	6.572 0.005 7.852 0.012	100.568 298 83 100.565 514 28	-38.398 799 25 -38.398 537 13	10.95 10.95	-15.02 3.33 -15.02 3.33	0.71 0.74 0.79 0.84 0.98 2.47 3.54 0.79 0.84 0.98	A 276.85 7.913													
06425+6612	1	F CA	A 32117 B 32117	7.335 0.003 9.452 0.019	7.779 0.007 7.209 0.007		100.622 191 04 100.621 314 29	+66.197 842 32 +66.198 123 88	14.03 14.03	-16.81 -30.31 -16.81 -30.31	0.70 0.78 1.05 0.72 0.78 5.46 7.26 1.05 0.72 0.78	A 308.5 1.63													
06425+7035	1	F CA	A 32114 B 32114	9.069 0.004 9.705 0.008			100.615 073 27 100.614 659 54	+70.588 813 89 +70.588 752 26	12.09 12.09	-13.06 -68.02 -13.06 -68.02	1.37 1.80 2.01 1.33 1.81 2.97 4.55 2.01 1.33 1.81	A 245.9 0.542													
06425-0934	1	F CA P	A 32119 B 32119	8.566 0.030 10.212 0.115	8.589 0.015 10.079 0.038	8.515 0.018 10.052 0.054	100.635 826 79 100.638 313 49	-9.566 487 67 -9.561 565 54	1.79 1.79	-0.65 -3.82 -0.65 -3.82	1.79 1.41 1.92 1.80 1.50 32.41 25.23 1.92 1.80 1.50	A 26.5 19.80													
06425-2314	1	F CA	A 32112 B 32112	7.111 0.002 9.930 0.027	6.932 0.004 9.753 0.022	7.105 0.004 9.590 0.029	100.614 901 99 100.613 881 89	-23.232 597 54 -23.233 919 57	2.72 2.72	-4.39 6.47 -4.39 6.47	0.52 0.60 0.82 0.52 0.62 4.38 6.48 0.82 0.52 0.62	A 215.34 5.83													
06425-4234	1	F CA	A 32111 B 32111	8.147 0.005 11.035 0.074	8.698 0.010 8.091 0.009		100.612 899 96 100.612 734 12	-42.571 577 97 -42.572 236 65	18.68 18.68	-59.15 39.16 -59.15 39.16	0.92 0.94 0.98 0.91 1.00 14.51 21.77 0.98 0.91 1.00	A 190.5 2.41													
06426+3955	1	F CC	A 32132 B 32132	9.548 0.169 11.464 0.984			100.655 950 79 100.655 945 87	+39.920 304 72 +39.920 262 92	12.16 12.16	1.31 -22.90 1.31 -22.90	6.85 11.62 1.38 1.73 1.14 45.05 71.64 1.38 1.73 1.14	A 185 0.15													
06427+0143	1	F CA	A 32137 B 32137	7.981 0.003 10.690 0.032	8.042 0.028 7.988 0.033		100.668 950 94 100.668 511 83	+1.716 176 09 +1.714 379 18	-0.66 -0.66	-0.42 1.52 -0.42 1.52	1.49 0.98 1.32 1.38 1.11 14.94 8.45 1.32 1.38 1.11	A 193.7 6.66													
06427+1146	1	F CA	A 32142 B 32142	7.989 0.004 10.393 0.038			100.682 017 42 100.682 086 56	+11.771 476 78 +11.771 589 48	2.49 2.49	1.37 -4.54 1.37 -4.54	1.65 1.26 1.41 1.44 1.21 17.03 12.25 1.41 1.44 1.21	A 31 0.47													
06427-1256	1	F CA	A 32134 B 32134	8.673 0.015 11.211 0.145	10.390 0.040 8.676 0.017		100.665 433 64 100.665 610 36	-12.940 822 72 -12.944 854 61	-3.28 -3.28	5.43 0.29 5.43 0.29	2.09 1.63 2.17 2.25 1.65 32.14 23.36 2.17 2.25 1.65	A 177.6 14.53													
06427-3243	1	F CA	A 32140 B 32140	7.122 0.009 8.407 0.030			100.680 769 89 100.680 769 38	-32.712 790 10 -32.712 711 97	5.37 5.37	15.19 6.70 15.19 6.70	1.20 1.45 0.72 0.61 0.67 4.45 4.32 0.72 0.61 0.67	A 360 0.281													
06428-2227	1	I CA	A 32144 B 32145	6.332 0.007 8.895 0.055	6.621 0.003 9.025 0.010	6.269 0.003 8.303 0.008	100.691 992 98 100.695 171 20	-22.448 835 50 -22.452 928 33	20.45 6.79	-54.07 100.90 -51.12 93.00	0.68 0.97 1.11 0.67 0.93 11.84 17.58 10.45 7.93 11.47	A 144.33 18.14 +0.01 +0.01													
06429-5507	1	F CA	A 32156 B 32156	7.907 0.004 11.210 0.083	7.786 0.008 11.004 0.102	7.937 0.012 10.976 0.161	100.723 508 18 100.723 466 87	-55.115 205 95 -55.113 639 28	3.53 3.53	-8.86 9.50 -8.86 9.50	0.71 0.78 0.73 0.72 0.95 16.84 16.72 0.73 0.72 0.95	A 359.1 5.64													
06431+5004	1	F CC	A 32181 B 32181	9.033 0.010 12.763 0.288	9.216 0.020 9.002 0.023		100.786 453 68 100.783 888 32	+50.060 147 38 +50.059 931 30	2.37 2.37	-5.97 -1.89 -5.97 -1.89	1.78 1.38 1.97 1.99 1.37 63.73 45.44 1.97 1.99 1.37	A 262.5 5.98													
06432-2821	1	F CC	A 32185 B 32185	7.538 0.163 9.142 0.713			100.791 247 05 100.791 251 75	-28.352 751 81 -28.352 720 53	5.20 5.20	1.47 -11.77 1.47 -11.77	5.84 7.47 0.78 0.64 0.74 26.52 44.53 0.78 0.64 0.74	A 8 0.11													
06433+0607	1	F CA	A 32196 B 32196	8.033 0.003 10.304 0.024	8.084 0.007 7.994 0.009		100.813 583 65 100.812 497 33	+6.117 009 47 +6.117 626 57	4.13 4.13	-6.45 -6.68 -6.45 -6.68	1.27 0.87 1.24 1.14 0.96 10.10 5.86 1.24 1.14 0.96	A 299.7 4.48													
06433-6630	1	F CA	A 32200 B 32200	8.128 0.004 10.975 0.056	8.047 0.008 10.935 0.063	8.107 0.010 10.635 0.076	100.821 409 11 100.827 410 75	-66.501 032 15 -66.500 386 69	2.87 2.87	-1.81 6.38 -1.81 6.38	0.99 0.87 0.90 0.66 0.92 10.09 14.73 0.90 0.66 0.92	A 74.9 8.92													
06436+1109	1	F CA	A 32220 B 32220	9.188 0.007 10.636 0.027	9.255 0.019 10.273 0.121	9.056 0.025 9.784 0.056	100.890 867 26 100.890 859 35	+11.151 349 32 +11.150 815 39	3.67 3.67	-3.62 -0.15 -3.62 -0.15	2.37 1.53 2.39 2.28 1.83 12.44 6.20 2.39 2.28 1.83	A 180.8 1.92													
06439-5434	1	F CB	A 32242 B 32242	9.247 0.371 9.469 0.454			100.966 784 55 100.966 843 20	-54.567 653 12 -54.567 642 83	19.79 19.79	-41.13 151.02 -41.13 151.02	22.56 8.85 0.78 0.74 0.98 25.44 13.57 0.78 0.74 0.98	A 73 0.13													
06441+6258	1	F CA	A 32252 B 32252	6.964 0.081 8.615 0.370			101.021 738 18 101.021 731 85	+62.963 030 79 +62.963 068 09	4.13 4.13	-1.70 -20.65 -1.70 -20.65	2.22 6.23 0.87 0.82 0.68 11.38 18.27 0.87 0.82 0.68	A 356 0.13													
06443+2822	1	F CA	A 32279 B 32279	9.637 0.011 10.526 0.024	9.982 0.030 9.490 0.030		101.085 053 34 101.085 250 51	+28.369 070 34 +28.368 688 69	6.91 6.91	-2.36 -34.05 -2.36 -34.05	3.38 2.01 3.06 4.80 2.98 8.16 4.75 3.06 4.80 2.98	A 155.6 1.51													
06443+4037	1	I NB P	A 32275 B 32277	6.880 0.038 9.348 0.275	8.884 0.016 11.175 0.091	7.036 0.008 9.675 0.036	101.072 475 95 101.080 917 58	+40.623 317 75 +40.623 029 55	6.69 29.13	-21.43 -152.76 193.09 37.94	2.66 2.01 2.34 3.26 2.27 86.18 56.93 49.92 67.35 48.97	A 92.6 23.09 -0.5 +0.21													
06443-3958	1	F CA	A 32274 B 32274	9.221 0.004 11.465 0.032			101.069 567 87 101.069 475 32	-39.965 261 75 -39.965 020 23	1.80 1.80	3.31 -16.41 3.31 -16.41	0.96 1.13 1.13 0.97 1.37 8.23 9.08 1.13 0.97 1.37	A 344 0.91													



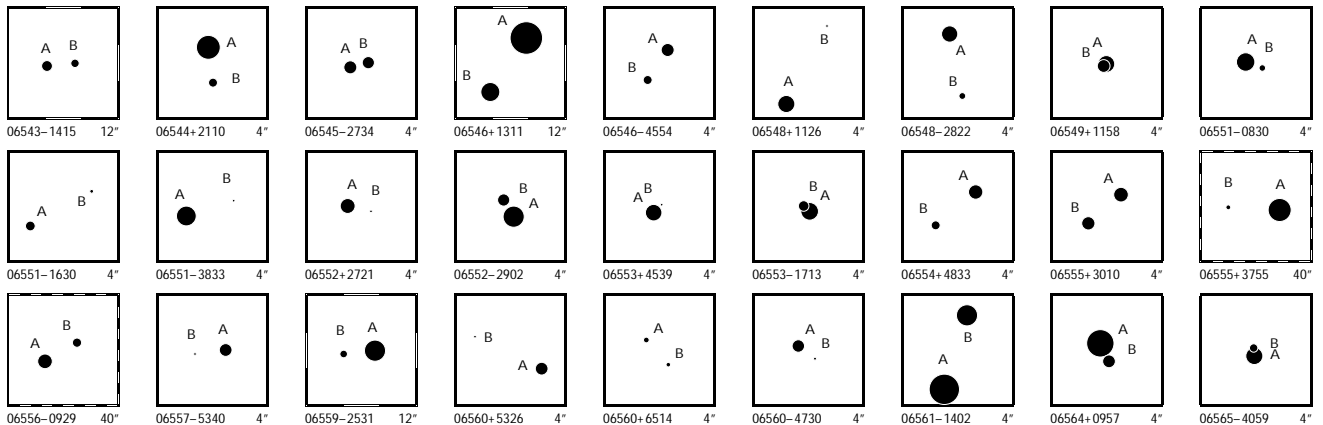
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
06444-7715	1	FFD	D	A 32289 B 32289	9.161 0.036 10.186 0.089	9.639 0.019	8.891 0.016	101.108 688 15 -77.245 984 34 101.124 716 41 -77.243 143 73	12.28 12.28	7.69 7.69	100.37 100.37	1.04 0.98 0.96 1.12 1.05 36.85 33.57 0.96 1.12 1.05	A	51.3	16.34												
06447-5225	1	FCA	A	A 32314 B 32314	8.706 0.005 9.697 0.012			101.192 792 15 -52.423 618 21 101.192 678 79 -52.423 447 86	4.98 4.98	-6.12 -6.12	12.63 12.63	1.24 1.23 1.18 1.25 1.33 3.77 3.43 1.18 1.25 1.33	A	337.9	0.662												
06448-0424	1	FFD	D	A 32312 B 32312	8.604 0.007 12.282 0.196			101.190 105 63 -4.393 555 80 101.190 066 80 -4.393 425 43	4.10 4.10	-5.45 -5.45	-1.18 -1.18	2.03 2.00 1.92 1.62 1.42 73.60 45.42 1.92 1.62 1.42	A	343	0.49												
06449+5927	1	FCA	A	A 32320 B 32320	7.334 0.005 9.217 0.025	7.690 0.010 9.345 0.072	7.247 0.013 9.107 0.090	101.215 130 15 +59.449 252 74 101.216 811 80 +59.448 534 60	9.43 9.43	-2.67 -2.67	11.42 11.42	1.10 0.89 1.24 1.30 0.81 6.92 6.11 1.24 1.30 0.81	A	130.0	4.02												
06450+1045	1	FCA	A	A 32337 S 32337	8.797 0.028 9.015 0.034			101.246 431 51 +10.752 701 02 101.246 429 57 +10.752 640 24	3.05 3.05	2.71 2.71	-12.71 -12.71	2.72 3.28 1.16 1.40 1.05 3.99 3.73 1.16 1.40 1.05	A	182	0.219												
06450-3035	1	FCA	A	A 32339 B 32339	6.530 0.004 10.188 0.112	6.405 0.003 10.058 0.058	6.534 0.004 9.820 0.072	101.260 675 92 -30.586 414 96 101.259 665 50 -30.587 330 13	3.51 3.51	-7.96 -7.96	4.44 4.44	0.55 0.64 0.73 0.57 0.73 17.91 21.52 0.73 0.57 0.73	A	223.5	4.55												
06452+3050	1	FCA	A	A 32353 B 32353	7.493 0.005 9.655 0.034	7.687 0.007 10.127 0.089	7.410 0.011 9.401 0.074	101.291 754 57 +30.825 973 01 101.292 864 16 -30.949 965 23	14.41 14.41	-10.34 -10.34	-15.49 -15.49	1.46 0.81 1.37 1.66 0.98 10.79 5.50 1.37 1.66 0.98	A	90.4	3.74												
06455+2922	1	LCA	A	A 32378 B 32378	8.893 0.013 9.386 0.020			101.362 577 08 +29.366 618 61 101.362 646 03 +29.366 684 19	11.07 11.07	-32.30 -47.88	-74.61 -44.95	3.70 2.58 1.74 3.29 2.70 7.17 5.08 1.74 6.08 5.21	A	42	0.320 -6 +0.011												
06455-3057	1	FCA	P	A 32385 B 32385	5.668 0.015 8.287 0.034	5.510 0.011 8.106 0.020	5.673 0.015 8.210 0.027	101.379 961 61 -30.948 990 76 101.378 857 61 -30.949 999 98	2.06 2.06	-3.11 -3.11	4.20 4.20	0.70 0.78 0.90 0.78 0.87 9.88 12.15 0.90 0.78 0.87	A	223.2	4.98												
06456-3130	1	FND	D	A 32388 B 32388	9.058 0.008 12.824 0.238	9.444 0.015	8.998 0.015	101.391 452 39 -31.500 840 45 101.392 019 18 -31.499 206 85	6.22 6.22	1.23 1.23	-8.39 -8.39	1.06 1.10 1.29 1.19 1.23 49.03 58.13 1.29 1.19 1.23	A	16.5	6.13												
06459+0324	1	FCA	A	A 32400 B 32400	9.690 0.008 9.727 0.009	10.078 0.074 9.685 0.030	9.365 0.036 9.378 0.045	101.466 025 74 +3.400 696 07 101.466 180 77 +3.400 299 90	-0.74 -0.74	-2.70 -2.70	1.82 1.82	3.70 2.44 3.29 4.40 3.30 5.43 4.43 3.29 4.40 3.30	A	158.7	1.53												
06461-0141	1	FCC	A	A 32416 B 32416	8.465 0.012 11.834 0.257	10.100 0.023	8.460 0.011	101.513 208 72 -1.685 340 28 101.512 637 13 -1.687 308 07	3.18 3.18	14.40 14.40	-24.05 -24.05	2.15 1.47 2.04 2.15 1.61 59.57 44.22 2.04 2.15 1.61	A	196.2	7.38												
06461-2719	1	FCA	A	A 32424 B 32424	10.117 0.012 10.270 0.014	9.815 0.021 9.844 0.029	9.599 0.033 9.632 0.036	101.529 042 82 -27.311 651 32 101.528 572 03 -27.312 208 28	1.42 1.42	-2.24 -2.24	1.89 1.89	2.38 2.76 2.98 2.83 3.37 4.77 6.07 2.98 2.83 3.37	A	216.9	2.51												
06462+4203	1	FCA	A	A 32432 B 32432	8.456 0.007 8.826 0.010			101.544 036 75 +42.045 622 88 101.544 046 01 +42.045 737 59	4.73 4.73	-9.86 -9.86	-5.15 -5.15	1.87 1.47 1.84 2.15 1.45 2.92 2.05 1.84 2.15 1.45	A	3.4	0.414												
06462+5926	1	LNB	G	A 32438 B 32438 C 32438	5.515 0.007 6.071 0.011 7.338 0.033	7.494 0.016	7.178 0.013	101.558 969 51 +59.441 691 08 101.559 935 14 +59.441 807 22 101.555 258 37 +59.443 203 83	14.26 14.26 14.26	-18.11 -17.02 -15.84	-8.67 3.74 -4.00	1.04 0.82 0.97 1.11 0.69 3.00 2.29 0.97 1.79 1.31 8.88 6.23 0.97 5.43 3.23	A	76.7	1.816 -0.4 +0.004												
06463-2934	1	FCA	A	A 32444 B 32444	7.359 0.074 8.650 0.243			101.568 362 34 -29.561 080 82 101.568 321 56 -29.561 096 00	4.68 4.68	5.08 5.08	-2.39 -2.39	4.93 2.56 0.68 0.55 0.63 12.98 11.15 0.68 0.55 0.63	A	247	0.14												
06464-2830	1	FCA	A	A 32457 B 32457	11.729 0.018 11.856 0.020			101.609 790 70 -28.507 729 59 101.609 961 25 -28.509 587 93	5.94 5.94	-12.78 -12.78	14.87 14.87	4.14 6.20 6.89 4.83 7.60 10.05 16.15 6.89 4.83 7.60	A	175.4	6.71												
06467+0822	1	FND	D	A 32475 B 32475	7.153 0.004 11.090 0.150			101.669 684 76 +8.363 149 76 101.669 686 27 +8.363 035 23	14.37 14.37	11.41 11.41	-4.84 -4.84	1.18 0.81 1.06 1.01 0.79 45.29 31.75 1.06 1.01 0.79	A	179	0.41												
06467-5442	1	FCA	A	A 32477 B 32477	6.699 0.003 9.393 0.032	7.603 0.010	6.601 0.005	101.673 734 29 -54.695 062 25 101.673 554 66 -54.694 546 19	7.87 7.87	-42.54 -42.54	14.08 14.08	0.61 0.62 0.60 0.57 0.72 7.65 6.70 0.60 0.57 0.72	A	348.6	1.90												
06468-0609	1	FND	D	A 32483 B 32483	8.383 0.007 11.242 0.092	8.460 0.010	8.341 0.012	101.693 886 99 -6.144 765 95 101.693 234 85 -6.148 330 65	1.00 1.00	-2.39 -2.39	-2.44 -2.44	1.34 1.02 1.45 1.56 1.31 27.02 20.21 1.45 1.56 1.31	A	190.3	13.04												
06469-1848	1	FCA	A	A 32498 B 32498	8.343 0.003 10.371 0.021			101.730 874 95 -18.794 589 95 101.731 086 67 -18.794 502 07	0.86 0.86	-2.89 -2.89	3.82 3.82	0.85 0.92 1.24 0.95 1.09 6.26 7.87 1.24 0.95 1.09	A	66	0.79												
06471+1001	1	FCC	A	A 32509 B 32509	9.829 0.242 10.526 0.460			101.763 346 92 +10.012 630 49 101.763 345 76 +10.012 660 10	3.63 3.63	-4.25 -4.25	-31.42 -31.42	13.54 13.74 1.45 1.45 1.14 25.71 19.79 1.45 1.45 1.14	A	358	0.11												
06473+2450	1	FCA	A	A 32527 B 32527	9.773 0.040 12.016 0.314			101.813 561 88 +24.836 501 91 101.813 631 73 +24.836 534 49	1.34 1.34	-3.68 -3.68	-2.18 -2.18	6.40 3.34 1.94 2.06 1.36 39.76 24.68 1.94 2.06 1.36	A	63	0.26												
06474+1812	1	LCA	A	A 32539 B 32539	7.013 0.007 7.261 0.008			101.847 738 12 +18.193 556 53 101.847 660 49 +18.193 486 42	7.56 7.56	-0.02 9.37	-43.08 -43.13	2.04 1.57 1.41 1.75 1.46 3.07 2.57 1.41 2.42 2.26	A	226	0.366 -1 -0.007												
06474-4834	1	FCA	A	A 32538 B 32538	7.026 0.003 10.677 0.090	7.829 0.009	6.953 0.007	101.844 937 57 -48.563 661 91 101.844 845 93 -48.564 150 21	5.08 5.08	-17.70 -17.70	36.84 36.84	0.63 0.66 0.63 0.63 0.74 21.02 16.58 0.63 0.63 0.74	A	187	1.77												
06475-7651	1	FND	D	A 32548 C 32548	7.313 0.079 9.356 0.519			101.870 165 47 -76.851 478 03 101.870 330 80 -76.851 469 44	7.05 7.05	-14.96 -14.96	1.68 1.68	3.72 1.94 0.54 0.62 0.56 42.75 14.83 0.54 0.62 0.56	A	77	0.14												
06478+0020	1	LCA	A	A 32572 B 32572	7.760 0.006 7.880 0.007			101.948 157 79 +0.340 170 27 101.948 134 84 +0.340 069 12	6.70 6.70	-4.42 0.89	7.68 2.69	2.44 1.90 1.73 1.80 1.60 3.20 2.31 1.73 2.07 1.87	A	192.8	0.373 -1.0 +0.004												



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
06478-2210	1	F CA	A 32570	8.337	0.005	8.204	0.006	8.322	0.008	101.946 336 95	-22.169 482 80	2.43	-5.99	4.79	0.71	1.02	1.33	0.82	1.11							
			B 32570	11.238	0.059	11.564	0.123	11.290	0.151	101.947 724 16	-22.168 017 06	2.43	-5.99	4.79	12.17	17.13	1.33	0.82	1.11	A	41.2	7.02				
06478-4620	1	F CA	A 32574	10.300	0.011					101.953 854 68	-46.325 609 84	8.46	21.30	-22.25	2.39	2.56	2.03	2.29	2.81							
			B 32574	10.475	0.013					101.953 997 11	-46.325 532 62	8.46	21.30	-22.25	3.78	4.69	2.03	2.29	2.81	A	52	0.450				
06479-0509	1	F CB	A 32584	7.670	0.005					101.986 933 44	-5.153 994 11	5.49	-6.47	-0.76	1.24	1.05	1.24	1.21	1.02							
			B 32584	11.205	0.128					101.987 017 84	-5.154 141 72	5.49	-6.47	-0.76	32.94	26.72	1.24	1.21	1.02	A	150	0.61				
06480-1106	1	F CA	A 32585	7.814	0.006	7.715	0.009	7.795	0.011	101.989 009 90	-11.108 397 69	2.25	-3.87	-1.31	1.30	1.01	1.27	1.61	1.22							
			B 32585	9.994	0.044	9.897	0.040	9.832	0.058	101.987 602 76	-11.106 900 18	2.25	-3.87	-1.31	14.60	10.18	1.27	1.61	1.22	A	317.3	7.33				
06480-2632	1	F CA	A 32591	9.175	0.092					101.994 218 03	-26.534 977 28	1.42	-2.03	5.44	6.30	4.64	0.97	0.71	0.85							
			S 32591	9.418	0.116					101.994 260 07	-26.534 955 64	1.42	-2.03	5.44	7.51	6.77	0.97	0.71	0.85	A	60	0.156				
06481+5542	1	F CA	B 32609	6.383	0.005					102.050 968 06	+55.704 449 59	21.26	57.71	-104.75	1.54	1.38	1.32	1.29	1.07							
			A 32609	6.413	0.005	6.832	0.008	6.324	0.007	102.053 193 99	+55.704 740 36	21.26	57.71	-104.75	1.69	1.55	1.32	1.29	1.07	B	76.95	4.635				
06486-0404	1	F CA	A 32644	7.436	0.011	7.851	0.011	7.337	0.011	102.149 098 05	-4.075 709 04	22.44	-48.94	-81.11	1.98	1.48	2.23	1.94	1.48							
			B 32644	8.657	0.028	102.149 591 21	-4.076 970 94	22.44	-48.94	-81.11	7.87	5.99	2.23	1.94	1.48	A	158.7	4.88								
06487+0737	1	F CA	A 32650	8.326	0.005	8.719	0.013	8.060	0.011	102.164 219 82	+7.623 248 63	19.96	-59.90	-376.07	1.72	1.08	1.57	1.57	1.18							
			B 32650	9.649	0.016	102.164 502 56	+7.623 412 34	19.96	-59.90	-376.07	10.23	4.04	1.57	1.57	1.18	A	59.7	1.17								
06487-7228	1	F CA	A 32656	9.420	0.028					102.179 372 68	-72.460 849 32	3.84	-4.04	11.24	4.63	4.14	1.30	1.49	1.49							
			B 32656	11.397	0.174	102.179 125 11	-72.460 884 41	3.84	-4.04	11.24	23.59	23.62	1.30	1.49	1.49	A	245	0.30								
06488-1613	1	F CA	A 32664	7.853	0.005	9.248	0.018	7.804	0.010	102.203 264 24	-16.211 456 97	3.60	10.78	-49.01	1.10	1.03	1.19	1.25	1.20							
			B 32664	10.337	0.047	10.925	0.237	9.897	0.126	102.203 708 95	-16.210 643 08	3.60	10.78	-49.01	9.51	9.93	1.19	1.25	1.20	A	27.7	3.31				
06490-1509	1	L CA	A 32677	5.561	0.003					102.240 576 28	-15.144 710 91	5.37	-0.56	-6.04	0.98	0.84	0.86	0.86	0.78							
			B 32677	7.311	0.013	102.240 481 37	-15.144 569 77	5.37	7.77	-8.70	4.95	3.91	0.86	0.78	2.28	A	327.0	0.606	+0.5	-0.007						
06491-2604	1	F CA	A 32685	7.450	0.005	8.854	0.008	7.441	0.004	102.277 820 90	-26.063 440 35	5.77	10.67	-19.65	0.67	0.79	1.01	0.73	0.92							
			B 32685	10.725	0.088	10.523	0.074	9.797	0.060	102.277 150 27	-26.063 300 06	5.77	10.67	-19.65	16.35	20.75	1.01	0.73	0.92	A	283	2.23				
06493-0216	1	F CA	A 32698	6.184	0.055					102.318 383 21	-2.272 037 63	5.84	-8.82	-4.33	3.54	3.32	0.77	0.63	0.51							
			B 32698	6.896	0.106	102.318 409 73	-2.272 008 97	5.84	-8.82	-4.33	6.67	6.03	0.77	0.63	0.51	A	43	0.141								
06493-2858	1	F CA	A 32697	7.128	0.005					102.318 082 77	-28.973 542 86	9.30	-26.95	-2.79	0.89	0.95	0.90	0.78	0.79							
			B 32697	10.170	0.077	102.317 971 70	-28.973 587 94	9.30	-26.95	-2.79	13.80	17.83	0.90	0.78	0.79	A	245	0.39								
06494-3325	1	F CA	B 32709	10.424	0.008	10.443	0.049	9.605	0.034	102.361 769 47	-33.413 342 37	14.74	37.05	52.28	2.76	3.20	2.45	2.14	3.15							
			A 32709	10.521	0.009	10.470	0.070	9.769	0.048	102.362 083 40	-33.412 992 13	14.74	37.05	52.28	3.93	4.49	2.45	2.14	3.15	B	36.8	1.57				
06495-4534	1	F CA	A 32715	7.144	0.005	7.089	0.005	7.113	0.006	102.381 592 38	-45.566 910 51	5.83	2.19	11.01	0.69	0.67	0.70	0.74	0.77							
			B 32715	11.037	0.188	102.381 093 52	-45.567 169 96	5.83	2.19	11.01	19.50	21.01	0.70	0.74	0.77	A	233	1.57								
06497+5302	1	I CA	A 32730	7.914	0.016	8.185	0.010	7.857	0.011	102.412 341 69	+53.031 362 44	6.96	-4.98	-64.19	1.74	1.39	1.71	1.66	1.19							
			B 32738	10.258	0.115	102.420 873 45	+53.033 152 45	-11.62	-41.27	-74.84	48.29	45.12	21.96	21.19	15.50	A	70.8	19.56	0.0	-0.04						
06497-2405	1	F CA	A 32744	6.589	0.002	6.552	0.006	6.504	0.005	102.433 339 40	-24.076 033 32	5.58	0.99	-13.59	0.52	0.67	0.87	0.55	0.79							
			B 32744	8.022	0.008	7.812	0.013	7.715	0.011	102.433 074 64	-24.076 469 08	5.58	0.99	-13.59	1.85	3.30	0.87	0.55	0.79	A	209.0	1.794				
06499-2806	1	F CA	A 32767	10.636	0.394					102.481 966 51	-28.099 293 16	14.62	4.66	152.87	27.65	21.79	1.45	1.12	1.33							
			B 32767	10.645	0.397	102.482 006 65	-28.099 267 56	14.62	4.66	152.87	21.18	15.34	1.45	1.12	1.33	A	54	0.16								
06499-4503	1	F CA	A 32762	8.747	0.004					102.465 941 41	-45.048 406 61	4.13	0.01	117.53	1.10	1.05	1.10	1.19	1.17							
			B 32762	9.751	0.009	102.465 696 04	-45.048 526 93	4.13	0.01	117.53	3.25	3.70	1.10	1.19	1.17	A	235.2	0.760								
06500+4611	1	F CA	A 32774	7.380	0.015					102.504 105 65	+46.184 796 02	3.53	-5.76	-26.24	3.27	2.65	1.38	1.54	1.01							
			C 32774	10.204	0.205	102.504 203 85	+46.184 734 24	3.53	-5.76	-26.24	35.91	23.56	1.38	1.54	1.01	A	132	0.33								
06502+3624	1	F CB	A 32798	8.508	0.445					102.558 890 68	+36.401 948 81	5.61	-13.69	-18.00	15.57	16.08	1.13	1.34	0.95							
			S 32798	8.994	0.697	102.558 865 63	+36.401 970 54	5.61	-13.69	-18.00	36.78	27.18	1.13	1.34	0.95	A	317	0.11								
06502+3957	1	F CA	A 32792	8.253	0.005	9.453	0.020	8.185	0.013	102.549 443 59	+39.953 143 55	4.90	-17.07	-20.58	1.46	0.97	1.55	1.66	1.09							
			B 32792	10.963	0.059	102.551 274 51	+39.952 571 18	4.90	-17.07	-20.58	21.86	13.45	1.55	1.66	1.09	A	112.2	5.46								
06503+2409	1	F CA	A 32800	8.883	0.092	</																				

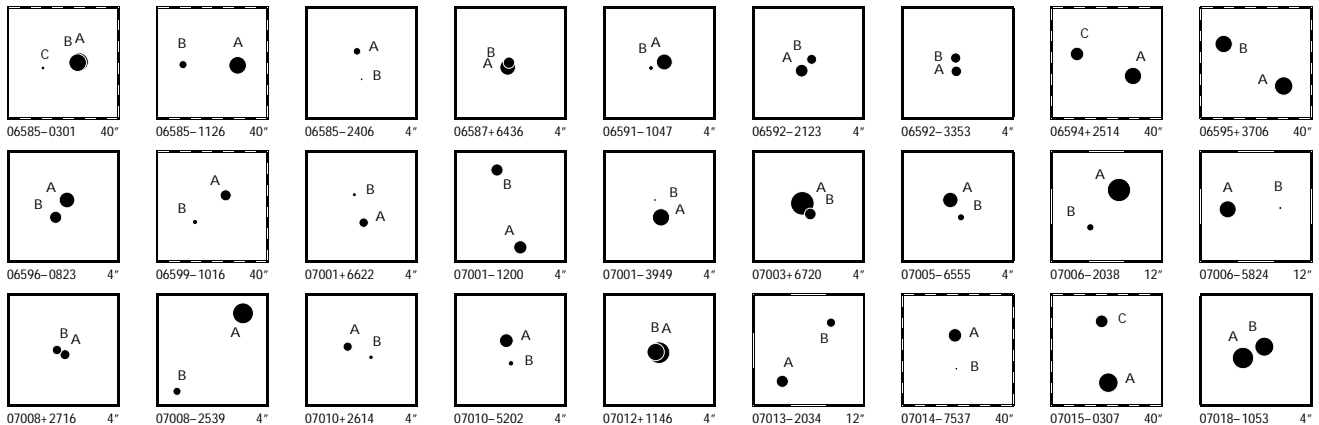
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06510+0551	1	F CA	A	32872	7.730	0.291						102.748 037 64	+5.842 408 86	8.86	-37.05	-36.30	7.41	18.58	1.04	1.13	0.82					
				B	32872	7.935	0.351								102.748 047 80	+5.842 379 82	8.86	-37.05	-36.30	9.57	11.79	1.04	1.13	0.82	A	161
06510-2842	1	F CA	A	32869	8.378	0.005						102.744 342 74	-28.707 367 57	6.37	-10.90	9.43	0.93	0.99	1.24	1.06	1.16					
				B	32869	9.991	0.019								102.744 588 87	-28.707 515 92	6.37	-10.90	9.43	4.43	5.74	1.24	1.06	1.16	A	124.5
06510-5614	1	I CA	A	32871	8.784	0.020						102.747 484 05	-56.240 035 93	9.99	-27.54	37.84	3.34	3.16	2.71	3.53	3.18					
				B	32865	8.957	0.022	9.309	0.016	8.707	0.015	9.611	0.020	8.958	0.018	102.741 217 67	-56.237 003 23	8.71	-29.85	36.17	7.47	7.72	3.54	5.66	5.44	A
06511+5425	1	L CA	A	32887	8.187	0.003						102.785 139 31	+54.419 180 29	9.16	-5.30	-27.46	1.20	0.88	1.19	1.03	0.78					
				B	32887	10.162	0.019								102.785 641 39	+54.419 166 90	9.16	-9.86	-17.27	6.80	4.73	1.19	4.45	2.85	A	92.6
06512+4030	1	F CA	A	32892	9.327	0.005						102.799 267 37	+40.495 298 68	10.65	-0.80	17.47	2.22	1.57	2.44	2.64	1.73					
				B	32892	10.797	0.018	9.898	0.026	9.168	0.022	11.406	0.127	10.430	0.080	102.797 642 12	+40.496 261 68	10.65	-0.80	17.47	10.82	6.41	2.44	2.64	1.73	A
06515-0122	1	F FC	A	32915	10.688	0.087						102.866 040 14	-1.371 091 53	-0.80	-23.07	-10.10	11.25	7.41	8.34	10.30	7.84					
				B	32915	12.151	0.129								102.867 725 31	-1.370 823 08	-0.80	-23.07	-10.10	31.48	25.60	8.34	10.30	7.84	A	80.9
06516-2632	1	F CA	A	32929	8.034	0.023						102.905 960 11	-26.535 159 98	3.95	-6.98	-1.48	2.57	1.83	0.94	0.61	0.81					
				B	32929	9.195	0.067								102.905 895 34	-26.535 151 03	3.95	-6.98	-1.48	6.18	6.02	0.94	0.61	0.81	A	279
06517+2503	1	F CA	A	32942	9.569	0.193						102.931 425 90	+25.048 167 13	3.78	-26.68	-29.59	9.09	13.34	1.44	1.80	1.33					
				B	32942	10.078	0.309								102.931 414 62	+25.048 202 64	3.78	-26.68	-29.59	14.15	15.84	1.44	1.80	1.33	A	344
06518+2020	1	F CB	A	32956	8.539	0.005						102.962 754 53	+20.335 580 45	3.90	26.20	-14.56	2.55	1.54	2.18	2.92	1.78					
				B	32956	12.022	0.119	9.715	0.024	8.487	0.015	10.962	0.210	+20.334 132 13	3.90	26.20	-14.56	66.55	45.79	2.18	2.92	1.78	A	205	5.77	
06518-2635	1	F CA	A	32952	7.817	0.004						102.955 756 80	-26.581 783 61	2.88	-1.26	5.03	0.77	0.85	1.10	0.78	0.95					
				B	32952	9.162	0.013	7.594	0.007	7.771	0.009	8.746	0.022	8.867	0.029	102.956 089 86	-26.581 396 84	2.88	-1.26	5.03	3.37	3.50	1.10	0.78	0.95	A
06520+5159	1	F CA	A	32966	8.336	0.024						102.998 452 60	+51.990 728 44	3.18	2.62	-4.89	5.16	1.87	1.42	1.56	1.05					
				B	32966	10.875	0.250								102.998 303 69	+51.990 716 70	3.18	2.62	-4.89	27.23	19.93	1.42	1.56	1.05	A	263
06523-3517	1	F CA	A	32986	9.139	0.008						103.082 918 56	-35.290 657 80	2.27	-18.17	16.69	1.57	1.63	1.81	1.70	1.78					
				B	32986	9.253	0.009	9.245	0.013	8.965	0.016	9.244	0.013	9.110	0.020	103.083 822 71	-35.290 883 16	2.27	-18.17	16.69	3.06	3.02	1.81	1.70	1.78	A
06525+3248	1	F CA	A	32999	9.720	0.060						103.120 878 64	+32.795 977 82	6.09	-5.41	-33.81	7.78	5.33	1.80	1.96	1.22					
				B	32999	10.279	0.100								103.120 819 51	+32.796 023 65	6.09	-5.41	-33.81	14.42	8.51	1.80	1.96	1.22	A	313
06526+2457	1	F CA	A	33011	9.813	0.016						103.187 823 26	+24.968 586 03	6.94	-8.38	-61.71	4.62	2.86	3.61	4.83	2.98					
				B	33011	10.040	0.019								103.187 759 98	+24.968 497 86	6.94	-8.38	-61.71	7.32	4.28	3.61	4.83	2.98	A	213
06528+4712	1	F CA	A	33022	8.220	0.006						103.201 734 49	+47.205 276 49	8.25	7.74	-25.98	1.61	1.11	1.66	1.85	1.37					
				B	33022	10.678	0.059	8.581	0.013	8.127	0.012	10.678	0.059		103.201 427 35	+47.205 050 73	8.25	7.74	-25.98	25.80	10.65	1.66	1.85	1.37	A	223
06528-2143	1	F CB	A	33020	11.613	0.023						103.200 647 74	-21.717 612 79	17.75	70.71	-50.60	3.48	5.34	7.77	3.84	6.61					
				B	33020	13.052	0.085								103.200 535 60	-21.717 155 60	17.75	70.71	-50.60	28.97	28.72	7.77	3.84	6.61	A	347
06531+3128	1	I NB	A	33047	9.514	0.008						103.269 432 10	+31.462 361 95	8.41	-13.05	-2.41	3.44	2.00	2.84	3.59	2.08					
				B	33049	11.359	0.032	10.047	0.031	9.510	0.031	11.506	0.104	11.052	0.122	103.273 579 99	+31.454 965 03	14.86	-17.96	-13.30	18.07	9.51	9.78	12.52	7.58	A
06532+3826	1	L CA	A	33064	6.593	0.002						103.305 704 58	+38.438 448 44	15.21	42.31	-178.92	1.25	0.81	1.03	1.00	0.67					
				B	33064	8.563	0.014								103.305 749 60	+38.438 330 03	15.21	42.31	-178.92	7.91	4.54	1.03	4.44	3.04	A	163
06532+5926	1	L CA	A	33048	6.002	0.026						103.271 138 29	+59.448 650 78	7.40	-13.42	-50.01	3.21	1.66	0.84	1.11	1.28					
				B	33048	6.530	0.042								103.271 012 40	+59.448 661 69	7.40	-6.64	-39.28	4.75	3.00	0.84	1.65	1.98	A	280
06533-1528	1	F FD	D	33071	9.833	0.044						103.315 818 53	-15.472 634 96	2.72	3.82	-3.14	4.15	3.20	2.65	2.58	2.26					
				B	33071	12.085	0.344								103.315 966 07	-15.472 736 94	2.72	3.82	-3.14	68.04	56.29	2.65	2.58	2.26	A	126
06535+5138	1	F CA	A	33090	8.393	0.009						103.378 855 16	+51.645 119 25	7.28	-2.81	-16.48	2.05	1.17	1.39	1.48	1.07					
				P	33090	10.715	0.078								103.378 677 09	+51.645 143 65	7.28	-2.81	-16.48	13.98	10.07	1.39	1.48	1.07	A	282
06538-4307	1	F CA	A	33111	9.316	0.008						103.447 319 60	-43.114 162 75	11.37	8.17	11.64	1.65	1.54	1.45	1.37	1.61					
				B	33111	10.457	0.019								103.447 503 58	-43.114 169 44	11.37	8.17	11.64	5.24	6.51	1.45	1.37	1.61	A	93
06541-0551	1	F CA	A	33154	7.127	0.005						103.535 824 54	-5.852 201 54	5.80	-11.21	5.60	1.75	1.22	1.59	1.57	1.13					

System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
06543-1415	1	F CA	A 33177 B 33177	9.625 0.020 10.152 0.033	9.431 0.024	9.389 0.032	103.584 440 44	-14.242 824 54	4.71	-0.06	3.14	3.36 2.91 3.17 3.48 2.98	8.55 7.35 3.17 3.48 2.98	A 275.3	3.16										
06544+2110	1	F CB	A 33179 B 33179	6.730 0.006 10.021 0.119	7.929 0.009	6.654 0.007	103.588 775 65	+21.161 463 91	7.21	25.50	-56.40	1.42 0.91 1.21 1.66 1.01	25.50 -56.40	A 188	1.28										
06545-2734	1	F CA	A 33197 B 33197	9.114 0.006 9.321 0.007			103.637 392 68	-27.559 413 22	13.34	-23.70	-0.43	2.96 2.05 2.71 3.79 2.90	3.93 3.48 2.71 3.79 2.90	A 284.3	0.693										
06546+1311	1	F CA	A 33202 B 33202	4.792 0.004 7.803 0.059	5.060 0.004	4.735 0.004	103.660 807 71	+13.178 016 28	35.79	70.19	-77.79	1.13 0.77 1.15 1.22 0.90	18.87 9.37 1.15 1.22 0.90	A 146.3	7.19										
06546-4554	1	F CA	A 33201 B 33201	9.113 0.007 10.043 0.016	9.207 0.015	8.902 0.017	103.652 408 76	-45.892 502 95	2.42	0.31	23.21	1.49 1.52 1.40 1.80 1.63	5.23 6.66 1.40 1.80 1.63	A 145.3	1.32										
06548+1126	1	F CB	A 33223 B 33223	8.235 0.006 11.750 0.138	8.832 0.016	8.152 0.014	103.700 324 63	+11.432 399 38	9.54	9.25	-71.09	1.51 0.99 1.48 1.29 0.97	9.25 -71.09	A 332	3.25										
06548-2822	1	F CA	A 33222 B 33222	8.418 0.005 10.485 0.034	8.832 0.009	8.327 0.010	103.700 006 10	-28.374 874 03	11.43	-14.43	50.34	0.93 1.18 1.36 1.14 1.55	7.64 11.17 1.36 1.14 1.55	A 191.5	2.32										
06549+1158	1	F CA	A 33240 B 33240	8.287 0.307 9.205 0.715			103.737 343 20	+11.965 767 70	10.27	5.18	-52.97	14.43 12.81 1.23 1.10 0.86	40.04 26.88 1.23 1.10 0.86	A 128	0.13										
06551-0830	1	F CA	A 33255 B 33255	7.898 0.005 10.534 0.056			103.780 385 07	-8.498 975 38	3.59	-2.44	-1.42	1.41 1.03 1.47 1.49 1.11	15.80 13.24 1.47 1.49 1.11	A 251	0.67										
06551-1630	1	F CA	A 33250 B 33250	9.837 0.010 11.144 0.032	9.672 0.019	9.493 0.021	103.767 083 93	-16.495 902 60	0.08	-0.11	1.80	1.54 1.79 2.16 1.65 1.76	7.41 8.25 2.16 1.65 1.76	A 299.4	2.61										
06551-3833	1	F CC	A 33254 B 33254	7.649 0.005 11.563 0.184	8.773 0.012	7.584 0.008	103.779 958 11	-38.556 429 88	5.57	-18.70	-10.95	0.86 0.86 0.97 0.95 1.01	34.89 47.22 0.97 0.95 1.01	A 288	1.82										
06552+2721	1	F CA	A 33268 B 33268	8.673 0.007 11.737 0.105			103.807 176 78	+27.353 015 83	1.98	-3.63	3.98	1.88 1.21 2.06 2.60 1.57	36.80 22.69 2.06 2.60 1.57	A 257	0.91										
06552-2902	1	F CA	A 33270 B 33270	7.290 0.002 9.308 0.014			103.811 405 32	-29.038 283 56	9.23	14.86	-77.47	0.61 0.70 0.85 0.69 0.93	4.35 5.20 0.85 0.69 0.93	A 29.9	0.696										
06553+4539	1	F CB	A 33280 B 33280	8.368 0.007 11.607 0.131			103.835 490 63	+45.646 119 21	2.73	-4.26	-19.29	2.44 1.46 1.58 1.91 1.34	59.72 29.62 1.58 1.91 1.34	A 313	0.40										
06553-1713	1	L CA	A 33274 B 33274	8.121 0.011 9.685 0.044			103.816 968 45	-17.215 287 60	2.67	-1.22	-0.88	2.87 3.37 1.44 1.75 2.00	11.99 14.92 1.44 6.22 7.97	A 50	0.293 -3 -0.012										
06554+4833	1	F CA	A 33284 B 33284	8.802 0.006 10.020 0.017	9.097 0.018	8.653 0.021	103.855 121 67	+48.564 475 38	5.56	-14.83	14.68	2.09 1.60 2.17 2.64 1.66	7.34 5.81 2.17 2.64 1.66	A 129.2	1.90										
06555+3010	1	F CA	A 33287 B 33287	8.767 0.011 9.072 0.014	9.318 0.029	8.574 0.019	103.868 142 45	+30.162 451 18	25.54	229.84	-242.41	3.35 2.16 3.29 4.50 2.36	7.80 4.92 3.29 4.50 2.36	A 131.4	1.59										
06555+3755	1	L FD D	A 33291 B 33291	6.890 0.008 10.934 0.276	7.929 0.009	6.846 0.004	103.883 106 53	+37.915 438 49	3.83	-25.05	-35.01	2.06 1.26 1.67 2.60 1.53	116.78 57.89 1.67 2.60 1.53	A 87.3	18.94 0.0 -0.08										
06556-0929	1	L CA	A 33303 B 33299	8.757 0.021 9.978 0.043	9.288 0.024	8.692 0.022	103.907 045 45	-9.489 548 20	10.90	-25.44	-70.51	3.30 2.77 3.13 3.42 2.61	16.15 12.37 7.52 8.93 6.42	A 300.28	13.88 +0.01 0.00										
06557-5340	1	F CA	A 33307 B 33307	9.169 0.009 11.764 0.094	9.142 0.016	9.094 0.020	103.920 894 10	-53.660 129 40	1.99	-7.29	10.97	1.40 1.27 1.31 1.47 1.40	15.37 14.80 1.31 1.47 1.40	A 98	1.13										
06559-2531	1	L CA	A 33323 B 33323	7.347 0.003 10.311 0.048	7.712 0.006	7.278 0.006	103.970 636 77	-25.518 144 54	13.00	33.42	32.30	0.60 0.76 0.89 0.54 0.70	10.11 12.15 0.89 6.53 7.86	A 96.2	3.47 -0.4 0.00										
06560+5326	1	F CA	A 33340 B 33340	9.168 0.009 12.080 0.127	9.584 0.022	9.084 0.021	104.009 412 40	+53.440 100 12	7.08	26.32	-33.64	1.81 1.34 2.12 1.73 1.33	35.21 25.74 2.12 1.73 1.33	A 64	2.71										
06560+6514	1	F CA	A 33334 B 33334	10.742 0.027 10.965 0.033			103.994 168 65	+65.239 589 80	4.91	5.81	-0.29	3.48 3.82 3.93 4.18 4.01	9.75 9.48 3.93 4.18 4.01	A 221.5	1.22										
06560-4730	1	F CA	A 33338 B 33338	9.262 0.006 11.353 0.038			104.001 815 62	-47.495 605 81	6.63	-34.48	18.79	1.25 1.28 1.31 1.46 1.35	9.68 11.42 1.31 1.46 1.35	A 232	0.77										
06561-1402	1	F CA	A 33345 B 33345	5.271 0.003 7.320 0.020	7.004 0.010	5.269 0.006	104.027 694 90	-14.043 446 44	3.59	-1.70	6.89	0.94 0.69 0.86 1.07 0.85	7.53 6.30 0.86 1.07 0.85	A 342.7	2.84										
06564+0957	1	F CA	A 33372 B 33372	5.931 0.002 9.198 0.042			104.107 678 05	+9.956 599 59	5.81	-16.05	-8.98	0.91 0.58 0.92 0.77 0.57	15.67 9.09 0.92 0.77 0.57	A 206	0.75										
06565-4059	1	F CA	A 33375 B 33375	8.207 0.017 10.141 0.099			104.124 572 83	-40.990 330 17	3.73	-8.84	14.32	1.51 3.27 0.80 0.66 0.87	9.64 11.45 0.80 0.66 0.87	A 4	0.30										

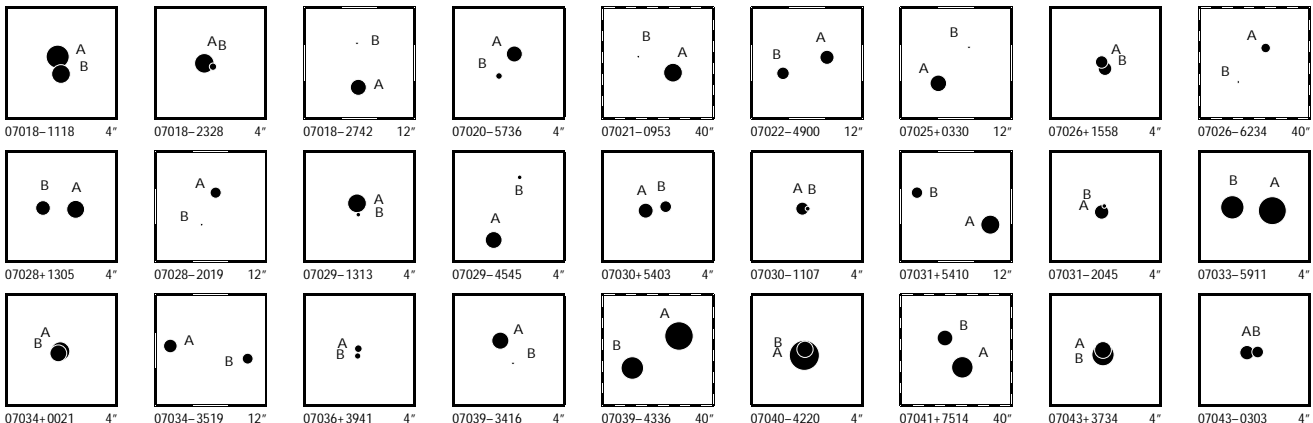


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _I	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt						
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
06566+4632	1	FCA	A	33389	8.499	0.020	8.557	0.012	8.460	0.014	104.152	695	07	+46.538	615	27	4.15	1.83	-2.06	2.15	1.63	2.30	2.42	1.72	A	210.2	7.54		
				33389	9.612	0.031	9.757	0.029	9.576	0.035	104.151	163	80	+46.536	806	31	4.15	1.83	-2.06	9.93	5.75	2.30	2.42	1.72					
06566-2239	1	ICB	A	33380	7.508	0.012	8.977	0.015	7.447	0.008	104.142	343	58	-22.644	892	07	3.39	20.16	9.38	1.43	1.65	1.94	1.70	1.96	A	44.46	23.30	-0.05	+0.01
				33386	8.734	0.028	9.768	0.027	8.539	0.017	104.147	255	79	-22.640	272	11	2.99	11.44	27.58	7.17	7.91	5.87	5.30	6.52					
06566-3358	1	FCC	A	33387	9.453	0.032					104.150	324	70	-33.968	006	26	1.22	-1.48	7.00	5.25	3.68	1.57	1.36	1.48	A	60	0.29		
				33387	12.305	0.438					104.150	408	85	-33.967	965	31	1.22	-1.48	7.00	52.06	44.45	1.57	1.36	1.48					
06566-4346	1	FCA	A	33378	9.200	0.007					104.138	060	93	-43.762	911	82	2.70	-7.72	10.69	1.11	1.32	1.23	1.13	1.56	A	318	0.68		
				33378	12.152	0.104					104.137	887	28	-43.762	772	02	2.70	-7.72	10.69	22.04	22.53	1.23	1.13	1.56					
06569-0529	1	FCA	A	33406	8.718	0.005	8.980	0.014	8.641	0.022	104.220	391	26	-5.479	048	74	-0.12	-21.33	-4.21	2.82	2.12	2.24	2.68	2.09	A	210.8	3.172		
				33406	8.941	0.006	9.177	0.021	8.779	0.029	104.219	938	33	-5.479	805	78	-0.12	-21.33	-4.21	3.89	3.47	2.24	2.68	2.09					
06569-2109	1	FND	D	33403	10.039	0.029	10.091	0.021	10.042	0.030	104.212	690	88	-21.147	600	27	-3.43	-0.25	4.10	1.87	2.51	3.40	2.23	3.27	A	2.8	22.09		
				33404	12.833	0.301					104.213	010	64	-21.141	470	05	-3.43	-0.25	4.10	63.95	87.28	3.40	2.23	3.27					
06569-2842	1	FCA	A	33411	9.176	0.007					104.229	286	36	-28.696	871	42	14.49	22.51	66.37	1.50	2.02	2.41	1.73	3.09	A	196.8	0.994		
				33411	9.308	0.008					104.229	195	47	-28.697	135	82	14.49	22.51	66.37	2.81	3.50	2.41	1.73	3.09					
06570+2457	1	FCA	A	33422	7.954	0.006	8.058	0.011	7.878	0.016	104.255	254	37	+24.957	747	34	5.88	-21.32	-5.85	2.13	1.27	1.96	2.38	1.37	A	164.7	3.80		
				33422	9.349	0.023	9.609	0.061	9.213	0.062	104.255	561	09	+24.956	728	86	5.88	-21.32	-5.85	10.93	8.16	1.96	2.38	1.37					
06571+3217	1	FCA	A	33430	8.660	0.043					104.274	246	05	+32.290	020	35	4.05	-2.74	-6.10	6.06	1.84	2.37	2.92	2.01	A	93	0.31		
				33430	10.607	0.258					104.274	347	98	+32.290	015	58	4.05	-2.74	-6.10	22.57	7.98	2.37	2.92	2.01					
06571-7202	1	FCA	A	33427	8.638	0.006	9.186	0.015	8.565	0.013	104.266	549	37	-72.036	577	34	10.75	-22.56	-75.07	1.18	1.08	1.10	1.27	1.27	A	238.1	9.37		
				33427	10.670	0.035	11.336	0.091	10.373	0.058	104.259	378	80	-72.037	951	67	10.75	-22.56	-75.07	8.86	10.39	1.10	1.27	1.27					
06573+4107	1	FCB	D	33450	10.373	0.370					104.322	441	68	+41.117	705	49	0.14	0.29	-2.23	11.20	21.01	1.61	1.61	1.12	A	180	0.14		
				33450	11.092	0.714					104.322	441	93	+41.117	665	43	0.14	0.29	-2.23	21.60	57.53	1.61	1.61	1.12					
06573-3530	1	LCA	A	33451	6.898	0.102					104.323	404	46	-35.507	209	30	23.15	-57.47	11.17	6.72	4.65	0.56	3.05	2.34	A	302	0.14	+16	-0.02
				33451	7.312	0.149					104.323	363	99	-35.507	188	48	23.15	-15.35	31.90	8.42	6.49	0.56	4.42	3.43					
06573-4929	1	FND	D	33455	10.250	0.079					104.334	881	06	-49.485	352	48	11.76	-3.94	40.24	9.40	10.27	1.86	1.98	2.43	A	324	0.24		
				33455	10.351	0.087					104.334	821	81	-49.485	298	63	11.76	-3.94	40.24	6.76	8.77	1.86	1.98	2.43					
06574+8440	1	FCA	A	33466	10.384	0.136					104.357	252	46	+84.670	598	01	3.69	3.60	1.27	11.28	6.09	1.11	1.17	1.20	A	99	0.19		
				33466	11.186	0.284					104.357	801	61	+84.670	589	77	3.69	3.60	1.27	26.09	12.58	1.11	1.17	1.20					
06575+0253	1	FCA	A	33474	8.235	0.013					104.371	042	29	+2.887	989	45	7.58	-27.75	0.01	2.09	1.62	1.12	1.11	0.91	A	142	0.340		
				33474	8.399	0.015					104.371	101	03	+2.887	915	54	7.58	-27.75	0.01	3.43	2.26	1.12	1.11	0.91					
06575-0122	1	FCA	A	33471	8.457	0.013					104.364	753	62	-1.374	565	95	2.80	-0.05	2.89	4.46	4.14	1.90	1.85	1.45	A	54	0.31		
				33471	9.900	0.047					104.364	823	16	-1.374	514	98	2.80	-0.05	2.89	17.54	16.91	1.90	1.85	1.45					
06575-4347	1	FCA	A	33475	7.740	0.035					104.380	726	74	-43.788	564	98	4.24	-2.12	3.61	3.18	3.80	0.65	0.58	0.71	A	143	0.236		
				33475	8.462	0.068					104.380	781	13	-43.788	617	62	4.24	-2.12	3.61	5.23	5.65	0.65	0.58	0.71					
06576-2438	1	LCA	A	33478	5.751	0.004					104.391	537	61	-24.631	055	94	25.94	-96.27	88.42	1.01	1.21	0.75	0.59	1.10	A	248	0.328	-3	-0.074
				33478	7.408	0.018					104.391	444	73	-24.631	090	50	25.94	-22.23	103.12	4.06	6.40	0.75	2.31	5.45					
06577-4118	1	FCA	P	33487	10.015	0.011					104.412	737	13	-41.294	499	45	12.21	48.45	-62.37	2.29	2.45	2.45	2.47	2.61	A	149.1	1.08		
				33487	10.176	0.013					104.412	942	43	-41.294	757	29	12.21	48.45	-62.37	4.37	5.03	2.45	2.47	2.61					
06578-4417	1	LND	D	33499	11.566	0.034					104.447	925	05	-44.291	096	77	124.62	-1102.25	-42.57	3.67	4.91	2.64	3.47	4.58	A	353.7	1.27	-4.5	-0.08
				33499	11.585	0.035					104.447	870	68	-44.290	746	75	124.62	-1192.62	-131.53	8.83	15.22	2.64	5.27	7.81					
06580+0218	1	FCA	A	33513	7.810	0.005					104.490	884	90	+2.292	238	14	5.73	1.56	-11.85	1.29	0.88	1.28	1.15	0.91	A	38.2	0.919		
				33513	9.222	0.016					104.491	042	88	+2.292	438	65	5.73	1.56	-11.85	6.19	3.43	1.28	1.15	0.91					
06581-2710	1	FCA	A	33532	6.737	0.017					104.531	471	47	-27.164	413	15	2.24	-2.50	4.26	1.21	2.18	0.73	0.56	0.72	A	19	0.244		
				33532	7.492	0.034					104.531	496	82	-27.164	349	18	2.24	-2.50	4.26	2.78	3.88	0.73	0.56	0.72					
06583-3525	1	FCA	G	33544	7.842	0.026	7.828	0.009	7.788	0.011	104.571	589	87	-35.419	146	74	1.20	-5.45	4.83	2.01	2.17	2.27	2.02	2.63	A	253.0	1.90		
				33544	9.366	0.069	9.293	0.030	9.078	0.029	104.570	969	56	-35.419	301	71	1.20	-5.45	4.83	8.52	9.								

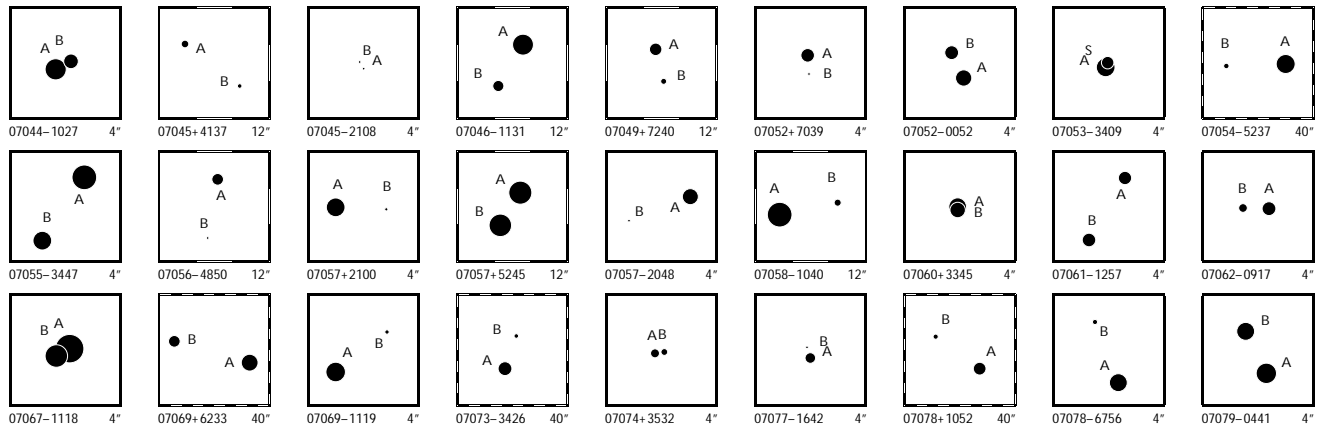
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
06585-0301	1	F CA	G	A 33568 B 33568 C 33568	7.833 0.021 8.121 0.022 11.131 0.299				104.617 345 63 104.617 538 10 104.621 103 17	-3.023 716 73 -3.023 757 81 -3.024 364 71	0.56 0.56 0.56	-2.15 1.09 -2.15 1.09 -2.15 1.09	7.82 4.44 4.80 7.94 5.29 9.32 6.61 4.80 7.94 5.29 60.57 44.92 4.80 7.94 5.29	A 102 A 99.8	0.71 13.71													
06585-1126	1	I CA	A	A 33567 B 33569	8.093 0.020 10.175 0.109	8.165 0.013 11.049 0.078	8.048 0.015 9.652 0.034		104.616 402 22 104.622 143 10	-11.430 942 71 -11.430 861 25	3.26 8.49	-4.16 1.96 17.72 1.13	2.52 1.82 2.31 2.25 1.91 34.13 29.28 15.08 29.26 23.97	A 89.2 A 189	20.26 1.03	0.0	+0.02											
06585-2406	1	F FC	A	A 33570 B 33570	10.331 0.020 12.476 0.136	10.287 0.022	10.166 0.031		104.628 623 19 104.628 574 02	-24.099 710 10 -24.099 992 55	11.13 11.13	8.58 4.86 8.58 4.86	3.56 3.95 5.45 3.53 4.72 44.01 60.69 5.45 3.53 4.72	A 189 A 189	1.03													
06587+6436	1	L CA	A	A 33587 B 33587	8.514 0.106 9.493 0.260				104.663 734 73 104.663 697 34	+64.592 503 66 +64.592 555 11	3.50 3.50	-1.14 -15.02 30.54 -2.16	5.29 10.87 1.04 3.92 2.11 12.61 20.17 1.04 8.23 4.40	A 343	0.19	+10	0.00											
06591-1047	1	F CA	A	A 33620 B 33620	8.459 0.007 10.896 0.063				104.777 810 04 104.777 945 16	-10.784 259 44 -10.784 314 87	1.48 1.48	-3.05 2.50 -3.05 2.50	2.00 1.41 2.06 1.68 1.28 19.40 16.17 2.06 1.68 1.28	A 113	0.52													
06592-2123	1	F CA	A	A 33635 B 33635	9.182 0.006 9.770 0.010				104.810 794 14 104.810 676 57	-21.379 689 58 -21.379 570 72	2.59 2.59	-3.28 5.56 -3.28 5.56	1.52 1.83 2.29 1.58 2.27 3.34 3.69 2.29 1.58 2.27	A 317.4	0.582													
06592-3353	1	F CA	A	A 33630 B 33630	9.666 0.008 9.711 0.008				104.797 316 77 104.797 316 13	-33.880 852 66 -33.880 713 45	5.05 5.05	8.52 47.19 8.52 47.19	2.25 2.74 2.01 1.43 2.40 2.38 2.99 2.01 1.43 2.40	A 359.8	0.501													
06594+2514	1	INB	A	A 33645 B 33646	8.149 0.072 8.977 0.129	8.636 0.014 9.561 0.023	8.067 0.013 8.987 0.022		104.838 124 41 104.844 424 39	+25.233 385 41 +25.235 744 17	5.13 -15.05	-24.79 -5.95 -30.46 -16.17	4.67 2.67 3.92 4.15 2.83 24.56 13.77 14.03 15.69 10.98	A 67.51	22.20	+0.02	-0.01											
06595+3706	1	INB	A	A 33649 B 33653	7.913 0.010 8.187 0.011	7.812 0.012 8.197 0.012	7.829 0.017 8.124 0.015		104.863 297 39 104.870 975 57	+37.098 190 08 +37.102 418 46	2.99 6.78	-2.82 -3.42 -5.25 5.62	5.02 2.69 2.36 4.33 2.55 3.31 2.11 2.80 4.96 2.96	A 55.37	26.79	-0.02	0.00											
06596-0823	1	F CA	A	A 33665 B 33665	8.490 0.006 9.318 0.012				104.904 605 67 104.904 729 16	-8.389 887 78 -8.390 065 79	2.70 2.70	-2.59 -2.88 -2.59 -2.88	1.69 1.42 1.79 1.72 1.48 6.11 4.18 1.79 1.72 1.48	A 145.5	0.777													
06599-1016	1	F CA	A	A 33687 B 33687	9.564 0.015 10.865 0.041	9.523 0.030	9.599 0.046		104.980 065 91 104.983 349 83	-10.272 768 93 -10.275 551 46	0.99 0.99	0.58 -0.35 0.58 -0.35	2.25 1.62 2.31 2.46 2.02 13.82 10.25 2.31 2.46 2.02	A 130.73	15.35													
07001+6622	1	F CA	A	A 33704 B 33704	9.880 0.007 11.090 0.020				105.036 487 10 105.036 717 76	+66.373 633 79 +66.373 911 06	8.37 8.37	-0.45 -21.98 -0.45 -21.98	1.47 1.72 2.55 1.43 1.83 4.50 6.11 2.55 1.43 1.83	A 18.4	1.05													
07001-1200	1	F CA	A	A 33693 B 33693	9.045 0.010 9.272 0.012	8.948 0.022 9.245 0.057	8.989 0.030 9.318 0.077		105.014 343 25 105.014 594 04	-12.005 641 44 -12.004 848 35	2.33 2.33	-5.39 -2.79 -5.39 -2.79	2.44 2.14 2.60 2.32 2.11 5.67 3.58 2.60 2.32 2.11	A 17.2	2.989													
07001-3949	1	F CA	A	A 33700 B 33700	8.165 0.004 11.583 0.096				105.028 844 60 105.028 929 02	-39.820 644 81 -39.820 468 05	1.88 1.88	-7.72 7.08 -7.72 7.08	0.73 0.88 0.87 0.70 1.03 20.38 20.86 0.87 0.70 1.03	A 20	0.68													
07003+6720	1	F CA	A	A 33722 B 33722	6.778 0.003 9.398 0.028				105.087 150 87 105.086 929 33	+67.330 661 73 +67.330 552 76	7.02 7.02	4.52 -23.44 4.52 -23.44	0.70 0.79 0.88 0.52 0.61 6.64 9.01 0.88 0.52 0.61	A 218	0.50													
07005-6555	1	F CA	A	A 33733 B 33733	8.592 0.004 10.421 0.020				105.115 788 74 105.115 510 98	-65.909 017 76 -65.909 195 14	13.55 13.55	-23.59 131.06 -23.59 131.06	1.02 0.97 0.97 0.96 1.11 5.45 6.13 0.97 0.96 1.11	A 212.6	0.76													
07006-2038	1	F CA	A	A 33743 B 33743	6.830 0.003 10.383 0.067	7.052 0.003 10.595 0.067	6.761 0.003 10.015 0.066		105.146 209 65 105.147 145 70	-20.640 290 46 -20.641 432 82	4.61 4.61	2.66 -6.82 2.66 -6.82	0.55 0.63 0.94 0.69 0.77 12.39 17.26 0.94 0.69 0.77	A 142.5	5.18													
07006-5824	1	F CA	A	A 33740 B 33740	8.219 0.005 11.365 0.090	8.233 0.008	8.181 0.010		105.144 178 84 105.141 080 26	-58.393 432 20 -58.393 376 99	3.95 3.95	-3.13 8.06 -3.13 8.06	0.90 0.84 0.84 1.04 0.93 19.23 20.86 0.84 1.04 0.93	A 271.9	5.85													
07008+2716	1	F CA	A	A 33765 B 33765	9.796 0.026 9.888 0.029				105.187 648 49 105.187 735 65	+27.267 817 12 +27.267 863 48	8.20 8.20	67.08 -13.84 67.08 -13.84	6.02 4.28 1.72 2.15 1.24 5.50 3.91 1.72 2.15 1.24	A 59	0.33													
07008-2539	1	F CA	A	A 33770 B 33770	7.390 0.004 10.197 0.048	7.203 0.004 10.500 0.088	7.384 0.006 9.931 0.084		105.198 135 01 105.198 892 32	-25.643 813 39 -25.644 608 72	2.05 2.05	-3.30 3.39 -3.30 3.39	0.58 0.72 0.97 0.59 0.86 8.08 9.49 0.97 0.59 0.86	A 139.4	3.77													
07010+2614	1	F CA	A	A 33793 B 33793	9.977 0.017 10.958 0.041				105.256 669 73 105.256 402 91	+26.233 434 76 +26.233 323 58	14.90 14.90	-41.78 -60.44 -41.78 -60.44	3.48 1.91 2.73 4.09 2.15 10.14 6.62 2.73 4.09 2.15	A 245	0.95													
07010-5202	1	F CA	A	A 33792 B 33792	8.934 0.006 10.829 0.031				105.250 385 39 105.250 315 57	-52.037 444 79 -52.037 683 56	5.45 5.45	-23.01 34.79 -23.01 34.79	1.24 1.21 1.23 1.25 1.42 9.32 8.94 1.23 1.25 1.42	A 190	0.87													
07012+1146	1	F CA	A	A 33810 B 33810	7.179 0.153 8.184 0.387				105.291 045 81 105.291 084 51	+11.774 635 62 +11.774 640 83	3.50 3.50	-0.28 -13.47 -0.28 -13.47	8.45 8.84 0.83 0.74 0.56 30.44 23.55 0.83 0.74 0.56	A 82	0.14													
07013-2034	1	F CA	A	A 33820 B 33820	9.283 0.008 9.982 0.014	9.289 0.011 9.924 0.019	9.283 0.015 9.921 0.027		105.314 302 54 105.312 702 51	-20.572 594 31 -20.570 798 30	1.59 1.59	-1.52 3.36 -1.52 3.36	1.66 1.99 2.74 1.70 2.31 4.54 5.40 2.74 1.70 2.31	A 320.17	8.42													
07014-7537	1	F CA	A	A 33830 B 33830	9.016 0.008 11.563 0.082	10.919 0.046	9.068 0.017		105.348 465 27 105.347 770 99	-75.620 954 19 -75.624 378 78	3.31 3.31	8.81 11.48 8.81 11.48	1.32 1.31 1.17 1.32 1.31 20.60 20.41 1.17 1.32 1.31	A 182.9	12.34													
07015-0307	1	I CA	A	A 33836 B 33837 C 33837	7.687 0.012 9.169 0.036	7.544 0.008 9.966 0.040	7.670 0.011 8.977 0.028		105.362 706 20 105.363 398 97	-3.117 580 15 -3.111 310 28	0.31 -18.82	-0.67 -0.04 -2.72 1.08	2.55 1.94 2.19 2.54 1.81 13.73 10.52 9.28 11.02 7.79	A 6.30	22.71	-0.01	0.00											
07018-1053	1	L CA	A	A 33869 B 33869	7.283 0.005 7.790 0.008				105.458 007 43 105.457 789 29	-10.882 374 24 -10.882 263 06	8.05 8.05	-4.59 4.26 -0.92 12.70	1.66 1.18 1.58 1.45 1.13 3.59 2.23 1.58 2.45 1.99	A 297.4	0.869	+0.6	+0.001											



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
07018-1118	1	F CA	A 33868 B 33868	6.929 0.009 7.879 0.017				105.456 302 40 105.456 255 87	-11.300 934 28 -11.301 110 24	1.10 1.10	-3.68 4.01 -3.68 4.01	1.59 1.27 1.70 1.66 1.31 4.20 3.70 1.70 1.66 1.31	A 194.5 0.654													
07018-2328	1	F CA	A 33865 B 33865	7.694 0.011 10.366 0.129				105.449 139 16 105.449 043 20	-23.459 074 20 -23.459 111 44	1.75 1.75	-4.25 4.75 -4.25 4.75	2.48 1.57 1.18 1.00 1.07 14.48 17.47 1.18 1.00 1.07	A 247 0.34													
07018-2742	1	F CB	A 33867 B 33867	8.478 0.010 11.958 0.252	9.358 0.020	8.421 0.015		105.451 191 75 105.451 275 95	-27.702 142 78 -27.700 775 47	8.85 8.85	12.18 -0.48 12.18 -0.48	0.96 1.16 1.45 1.12 1.42 29.00 41.02 1.45 1.12 1.42	A 3.1 4.93													
07020-5736	1	F CA	A 33886 B 33886	8.438 0.004 10.567 0.028				105.507 364 09 105.507 641 83	-57.602 057 93 -57.602 276 49	3.57 3.57	-8.79 19.04 -8.79 19.04	0.96 0.92 0.88 1.02 1.00 8.21 7.83 0.88 1.02 1.00	A 145.8 0.95													
07021-0953	1	F CC	A 33889 B 33889	7.887 0.007 11.544 0.185	8.108 0.009	7.819 0.012		105.520 387 42 105.524 054 04	-9.886 902 62 -9.885 241 12	8.73 8.73	4.00 0.91 4.00 0.91	1.11 0.79 1.16 1.35 1.07 57.28 38.83 1.16 1.35 1.07	A 65.3 14.31													
07022-4900	1	F CA	A 33900 B 33900	8.861 0.008 9.226 0.010	9.022 0.015	8.772 0.017		105.541 765 52 105.543 812 14	-48.993 841 93 -48.994 323 15	3.24 3.24	-3.47 -1.57 -3.47 -1.57	1.38 1.49 1.38 1.40 1.52 3.22 3.13 1.38 1.40 1.52	A 109.72 5.135													
07025+0330	1	F ND	D A 33934 B 33934	8.367 0.005 11.723 0.105	8.692 0.012	8.311 0.012		105.620 518 31 105.619 556 80	+3.498 757 61 +3.499 871 14	5.90 5.90	5.84 1.47 5.84 1.47	1.21 0.91 1.26 1.27 1.01 28.80 21.76 1.26 1.27 1.01	A 319.2 5.29													
07026+1558	1	F CA	B 33941 A 33941	9.001 0.020 9.243 0.025				105.655 912 73 105.655 952 46	+15.973 997 54 +15.974 063 24	11.73 11.73	-22.97 -39.21 -22.97 -39.21	3.80 3.11 1.73 1.76 1.15 3.83 3.32 1.73 1.76 1.15	B 30 0.274													
07026-6234	1	I CA	A 33942 B 33942	9.883 0.024 12.321 0.205	11.710 0.112	9.884 0.035		105.667 403 74 105.663 370 44	-62.570 962 67 -62.574 508 11	-1.88 14.31	-5.15 3.99 8.49 -1.15	4.91 5.11 4.05 5.93 5.77 50.13 50.17 16.42 21.34 24.59	A 142.2 16.15 0.0 +0.01													
07028+1305	1	F CA	A 33965 B 33965	8.068 0.004 8.759 0.008				105.710 476 62 105.710 812 47	+13.089 410 49 +13.089 430 33	5.15 5.15	-2.23 -19.36 -2.23 -19.36	1.56 1.02 1.55 1.72 1.24 3.43 1.93 1.55 1.72 1.24	A 86.5 1.180													
07028-2019	1	F CA	A 33964 B 33964	9.541 0.009 11.912 0.077	9.435 0.014	9.528 0.020		105.708 154 70 105.708 609 01	-20.324 294 15 -20.325 283 93	-1.51 -1.51	-2.45 2.42 -2.45 2.42	1.39 1.66 2.16 1.75 1.81 14.80 19.16 2.16 1.75 1.81	A 156.7 3.88													
07029-1313	1	F CA	A 33973 B 33973	7.834 0.005 10.986 0.097				105.729 519 84 105.729 510 25	-13.217 894 57 -13.218 013 70	17.28 17.28	-0.44 37.86 -0.44 37.86	1.38 1.29 1.08 1.04 0.87 26.12 19.87 1.08 1.04 0.87	A 184 0.43													
07029-4545	1	F CA	A 33969 B 33969	8.257 0.006 10.951 0.072	8.307 0.010	8.244 0.012		105.720 054 32 105.719 668 16	-45.751 617 15 -45.750 971 85	3.95 3.95	-5.18 2.69 -5.18 2.69	1.12 1.28 1.26 1.33 1.54 15.18 22.89 1.26 1.33 1.54	A 337.3 2.52													
07030+5403	1	F CA	A 33976 B 33976	8.724 0.006 9.418 0.011				105.754 770 03 105.754 408 40	+54.048 794 37 +54.048 841 47	6.77 6.77	-8.00 -30.17 -8.00 -30.17	2.45 2.00 2.44 3.22 2.83 4.09 3.68 2.44 3.22 2.83	A 282.5 0.783													
07030-1107	1	F CC	A 33979 B 33979	9.116 0.233 10.890 1.195				105.759 390 36 105.759 342 13	-11.117 114 52 -11.117 114 79	2.75 2.75	-2.47 1.95 -2.47 1.95	19.50 4.09 1.31 1.27 0.94 90.02 20.21 1.31 1.27 0.94	A 270 0.17													
07031+5410	1	L CD	D A 33985 B 33985	7.788 0.010 9.478 0.047	9.029 0.025	7.779 0.016		105.772 951 38 105.776 821 70	+54.174 047 18 +54.175 048 10	9.30 9.30	-29.27 8.97 -21.52 -22.47	2.37 2.07 3.00 2.27 2.31 16.56 15.15 3.00 12.09 12.87	A 66.2 8.92 +0.2 -0.01													
07031-2045	1	F CA	A 33981 B 33981	8.790 0.075 11.001 0.577				105.767 429 47 105.767 405 70	-20.752 811 37 -20.752 753 02	2.52 2.52	-1.22 3.01 -1.22 3.01	10.94 10.61 2.12 1.45 1.83 39.26 58.68 2.12 1.45 1.83	A 339 0.22													
07033-5911	1	L CA	A 34000 B 34000	5.817 0.003 6.837 0.008	5.465 0.014	5.621 0.015		105.812 955 70 105.813 746 38	-59.178 135 39 -59.178 103 27	6.77 6.77	-9.98 10.93 -17.92 8.39	0.63 0.65 0.54 0.58 0.71 2.07 2.16 0.54 1.61 1.85	A 85.5 1.463 +0.1 -0.008													
07034+0021	1	F CA	A 34005 B 34005	7.797 0.194 8.307 0.311				105.848 485 04 105.848 504 25	+0.344 004 78 +0.343 977 60	5.84 5.84	-10.66 -4.71 -10.66 -4.71	8.56 9.79 1.14 0.90 0.72 13.02 13.48 1.14 0.90 0.72	A 145 0.12													
07034-3519	1	I CA	A 34009 B 34008	8.971 0.009 9.574 0.015	10.360 0.057	8.922 0.028		105.859 055 50 105.856 130 78	-35.319 537 21 -35.319 932 78	3.83 7.44	4.61 7.72 16.46 13.67	2.36 3.31 2.73 2.38 3.05 7.39 8.90 6.73 5.71 6.90	A 260.59 8.71 +0.03 -0.01													
07036+3941	1	F CA	A 34025 B 34025	10.339 0.055 10.595 0.069				105.891 858 71 105.891 867 99	+39.676 172 88 +39.676 104 08	21.30 21.30	-142.38 -107.76 -142.38 -107.76	4.59 6.67 2.80 3.65 2.65 8.62 8.84 2.80 3.65 2.65	A 174 0.25													
07039-3416	1	F CA	A 34062 B 34062	8.244 0.004 11.381 0.073				105.983 530 59 105.983 378 03	-34.267 127 83 -34.267 366 61	2.38 2.38	-1.89 -9.26 -1.89 -9.26	0.86 0.92 1.04 0.89 0.93 16.84 25.39 1.04 0.89 0.93	A 208 0.97													
07039-4336	1	I CA	A 34065 B 34069	5.703 0.032 7.046 0.091	6.291 0.005	5.606 0.004		105.989 168 16 105.995 850 67	-43.608 983 97 -43.612 283 17	61.54 66.29	-102.70 388.95 -103.02 396.46	1.09 1.25 1.05 1.04 1.49 19.99 21.67 6.81 7.01 10.13	A 124.29 21.08 -0.02 0.00													
07040-4220	1	F CB	A 34081 B 34081	5.328 0.016 8.375 0.262				106.011 700 28 106.011 688 53	-42.337 456 90 -42.337 395 65	10.34 10.34	-18.14 71.48 -18.14 71.48	1.72 2.50 0.56 0.48 0.64 32.47 27.49 0.56 0.48 0.64	A 352 0.22													
07041+7514	1	I CA	A 34085 B 34087	7.275 0.007 8.513 0.018	7.836 0.007	7.196 0.007		106.017 233 64 106.024 471 91	+75.228 157 79 +75.231 154 99	26.89 29.52	-92.88 -254.61 -87.25 -246.97	1.24 1.61 1.66 1.30 1.69 5.64 6.73 3.72 3.76 4.50	A 31.62 12.671 0.00 +0.009													
07043+3734	1	F CA	B 34103 A 34103	7.061 0.031 8.261 0.093				106.071 247 11 106.071 247 34	+37.563 978 36 +37.564 027 50	1.42 1.42	-4.79 -10.29 -4.79 -10.29	1.94 2.99 0.97 1.62 0.90 5.18 6.88 0.97 1.62 0.90	B 0 0.177													
07043-0303	1	L CA	A 34110 B 34110	8.800 0.017 9.435 0.030				106.087 179 56 106.087 069 42	-3.050 620 38 -3.050 612 65	19.87 19.87	-49.87 -22.06 -29.48 -29.43	3.17 1.66 1.93 1.75 1.33 5.95 3.36 1.93 2.73 2.34	A 274.0 0.397 -0.9 -0.021													

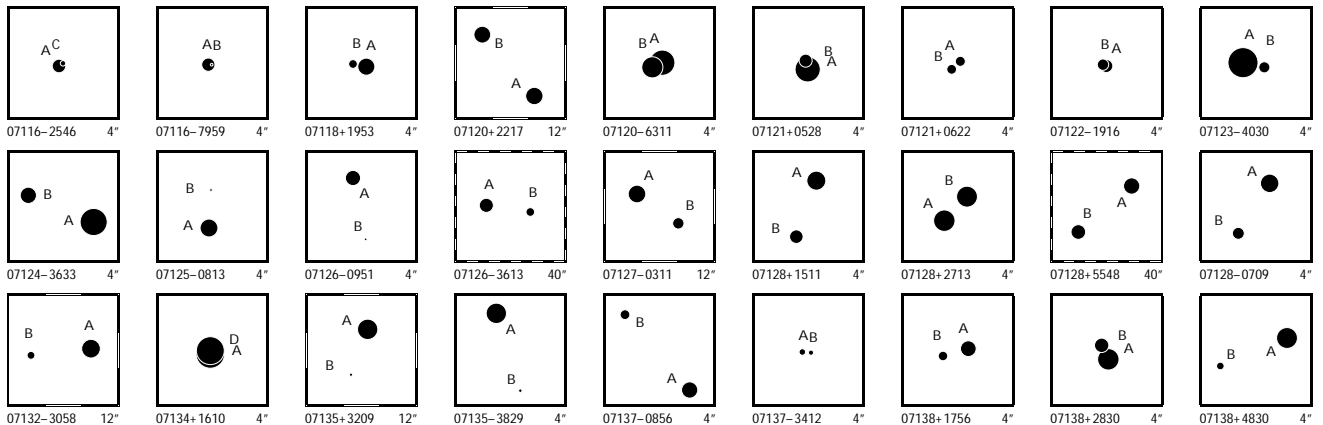


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
07044-1027	1	F CA	A 34116 B 34116	7.325 0.011 8.737 0.021							106.106 386 69 106.106 223 18	-10.454 378 99 -10.454 294 30	4.05 4.05	-2.21 2.86 -2.21 2.86	1.38 1.11 1.35 1.45 1.07 4.68 3.99 1.35 1.45 1.07						A 297.8	0.654			
07045+4137	1	F CA	A 34120 B 34120	10.333 0.011 10.978 0.019	10.677 0.048	10.161 0.047					106.125 013 51 106.122 767 91	+41.617 063 94 +41.615 765 13	6.09 6.09	0.89 -5.58 0.89 -5.58	3.41 2.38 3.80 3.64 2.51 9.51 5.61 3.80 3.64 2.51					A 232.3	7.64				
07045-2108	1	F CB	A 34117 B 34117	11.490 0.058 12.266 0.119							106.112 671 54 106.112 721 21	-21.137 481 18 -21.137 419 53	2.15 2.15	-13.45 -7.24 -13.45 -7.24	4.84 6.51 4.18 2.83 3.61 17.68 24.11 4.18 2.83 3.61					A 37	0.28				
07046-1131	1	F CA	A 34133 B 34133	7.362 0.005 9.561 0.031	7.297 0.010 9.495 0.032	7.337 0.012 9.526 0.045					106.159 601 13 106.160 377 92	-11.524 067 58 -11.525 342 66	0.47 0.47	-2.80 2.83 -2.80 2.83	1.16 0.96 1.23 1.36 1.06 8.97 6.88 1.23 1.36 1.06					A 149.2	5.35				
07049+7240	1	F CA	A 34154 B 34154	9.257 0.007 10.652 0.025	9.853 0.016 11.347 0.091	9.165 0.014 10.444 0.060					106.229 154 94 106.228 354 28	+72.669 445 35 +72.668 466 78	12.02 12.02	-3.11 -42.96 -3.11 -42.96	1.13 1.50 1.80 1.06 1.41 5.24 6.87 1.80 1.06 1.41					A 193.7	3.63				
07052+7039	1	F CB	A 34169 B 34169	9.015 0.008 12.443 0.182							106.287 403 73 106.287 370 55	+70.645 093 88 +70.644 902 18	4.04 4.04	2.26 5.02 2.26 5.02	0.77 1.20 1.47 0.81 1.20 26.79 37.52 1.47 0.81 1.20					A 183	0.69				
07052-0052	1	F CA	A 34170 B 34170	8.397 0.006 8.916 0.009							106.292 409 08 106.292 531 60	-0.865 565 89 -0.865 306 99	8.05 8.05	3.59 0.62 3.59 0.62	1.74 1.21 1.71 1.91 1.45 3.53 2.05 1.71 1.91 1.45					A 25.3	1.031				
07053-3409	1	F CA	A 34179 S 34179	7.873 0.047 9.265 0.168							106.320 827 27 106.320 800 57	-34.143 481 30 -34.143 431 73	10.35 10.35	-39.03 50.58 -39.03 50.58	2.68 4.49 0.75 0.60 0.66 10.29 12.88 0.75 0.60 0.66					A 336	0.20				
07054-5237	1	F ND	A 34184 B 34191	7.824 0.027 10.786 0.327	9.945 0.027 12.339 0.256	7.940 0.011 10.648 0.080					106.340 452 11 106.350 475 55	-52.609 537 77 -52.609 766 49	1.17 1.17	-5.14 7.76 -5.14 7.76	1.56 1.43 1.26 1.54 1.59 70.41 71.60 1.26 1.54 1.59					A 92.2	21.93				
07055-3447	1	L CA	A 34200 B 34200	6.511 0.003 7.872 0.010	6.808 0.007 8.173 0.013	6.451 0.006 7.683 0.009					106.383 535 93 106.384 058 84	-34.777 797 61 -34.778 445 27	17.96 17.96	-41.16 40.13 -40.09 58.05	0.69 0.77 0.79 0.67 0.71 3.44 3.74 0.79 1.91 2.54					A 146.45	2.798	-0.22	-0.014		
07056-4850	1	F CC	A 34208 B 34208	9.397 0.010 13.098 0.293	9.952 0.025	9.307 0.022					106.396 067 63 106.396 554 66	-48.840 033 98 -48.841 830 26	7.97 7.97	-7.46 -12.63 -7.46 -12.63	1.32 1.37 1.38 1.62 1.59 52.56 57.07 1.38 1.62 1.59					A 169.9	6.57				
07057+2100	1	F CA	A 34218 B 34218	7.882 0.004 11.254 0.086	7.789 0.009	7.875 0.012					106.421 380 76 106.420 831 50	+20.995 852 98 +20.995 837 82	3.78 3.78	-7.73 -8.22 -7.73 -8.22	1.37 0.90 1.34 1.37 0.92 43.57 18.26 1.34 1.37 0.92					A 268	1.85				
07057+5245	1	L CA	A 34217 B 34217	6.884 0.005 7.048 0.006	6.912 0.014 7.097 0.036	6.828 0.016 6.946 0.033					106.415 945 46 106.416 931 54	+52.758 685 05 +52.757 689 72	9.40 9.40	-34.28 -52.38 -29.58 -58.58	2.27 1.92 1.78 2.76 2.37 4.01 3.34 1.78 3.69 3.21					A 149.1	4.178	0.0	+0.008		
07057-2048	1	F CA	A 34219 B 34219	8.469 0.005 11.687 0.088	8.380 0.007	8.473 0.009					106.423 188 51 106.423 851 13	-20.792 652 77 -20.792 901 12	1.95 1.95	-3.99 4.60 -3.99 4.60	1.02 1.29 1.67 1.11 1.59 21.72 37.03 1.67 1.11 1.59					A 112	2.40				
07058-1040	1	F CB	A 34234 B 34234	6.510 0.004 10.468 0.145	6.410 0.005 10.131 0.055	6.506 0.007 10.076 0.083					106.456 840 67 106.455 027 24	-10.660 082 80 -10.659 702 49	0.92 0.92	-2.65 1.21 -2.65 1.21	0.83 0.70 0.88 0.87 0.70 32.72 28.96 0.88 0.87 0.70					A 282.0	6.56				
07060+3345	1	F CA	A 34247 B 34247	8.095 0.157 8.602 0.251							106.494 855 81 106.494 854 58	+33.742 469 55 +33.742 437 71	1.79 1.79	1.13 0.12 1.13 0.12	4.31 9.95 1.09 1.13 0.68 6.78 11.21 1.09 1.13 0.68					A 182	0.115				
07061-1257	1	F CA	A 34262 B 34262	8.979 0.013 9.058 0.013	8.912 0.015 8.895 0.016	8.964 0.020 8.896 0.018					106.530 881 02 106.530 504 07	-12.952 201 23 -12.951 560 48	-1.05 -1.05	-2.29 0.57 -2.29 0.57	4.31 3.68 3.05 2.82 2.59 6.30 4.70 3.05 2.82 2.59					B 330.2	2.66				
07062-0917	1	F CA	A 34263 B 34263	8.953 0.006 10.109 0.015							106.543 123 08 106.543 393 31	-9.281 615 56 -9.281 608 06	2.16 2.16	-2.74 0.64 -2.74 0.64	1.76 1.26 1.81 1.77 1.40 4.85 3.88 1.81 1.77 1.40					A 88.4	0.960				
07067-1118	1	F CA	A 34301 B 34301	5.685 0.003 7.042 0.010							106.669 869 50 106.670 015 07	-11.294 018 75 -11.294 088 09	1.15 1.15	-3.27 1.96 -3.27 1.96	0.92 0.82 0.92 1.06 0.78 3.47 2.97 0.92 1.06 0.78					A 115.9	0.571				
07069+6233	1	I CB	A 34321 B 34327	8.291 0.005 9.431 0.009	9.692 0.025 9.809 0.028	8.237 0.015 9.342 0.028					106.723 368 66 106.740 195 69	+62.547 166 35 +62.549 309 92	2.20 5.18	6.76 10.40 -0.54 4.93	1.53 1.19 1.53 1.63 1.33 6.21 4.39 5.00 5.61 4.61					A 74.55	28.97	+0.01	-0.01		
07069-1119	1	F CB	A 34325 B 34325	7.663 0.008 11.045 0.178	7.579 0.009	7.654 0.011					106.735 157 59 106.734 613 70	-11.327 350 42 -11.326 939 61	-0.72 -0.72	-4.38 3.54 -4.38 3.54	1.41 1.21 1.45 1.63 1.34 38.89 35.27 1.45 1.63 1.34					A 308	2.42				
07073-3426	1	F CA	A 34353 B 34353	8.941 0.011 10.975 0.067	9.378 0.016	8.827 0.015					106.825 599 13 106.824 224 31	-34.438 782 31 -34.435 398 13	13.58 13.58	-10.70 0.13 -10.70 0.13	1.30 1.45 1.62 1.41 1.84 15.95 16.37 1.62 1.41 1.84					A 341.5	12.85				
07074+3532	1	F CA	A 34359 B 34359	9.991 0.052 10.529 0.085							106.844 129 74 106.844 011 50	+35.532 968 53 +35.532 981 83	3.71 3.71	-3.32 -5.93 -3.32 -5.93	6.86 2.57 3.43 4.30 2.94 11.84 5.40 3.43 4.30 2.94					A 278	0.35				
07077-1642	1	F CA	A 34378 B 34378	9.659 0.011 11.967 0.088							106.917 499 78 106.917 534 53	-16.706 778 79 -16.706 668 17	0.95 0.95	-0.37 2.67 -0.37 2.67	1.67 2.08 1.91 1.67 1.71 16.17 17.95 1.91 1.67 1.71					A 17	0.42				
07078+1052	1	L ND	A 34384 B 34384	9.172 0.045 10.871 0.181	9.044 0.016	9.098 0.021					106.944 127 08 106.948 778 52	+10.874 560 17 +10.877 861 31	0.65 0.65	-1.44 -0.85 185.30 -128.75	2.45 1.58 2.15 2.41 1.72 53.70 35.61 2.15 37.69 28.93					A 54.1	20.29	+0.6	+0.08		
07078-6756	1	F CA	A 34386 B 34386	8.042 0.005 10.840 0.059	7.909 0.007	8.021 0.009					106.945 711 91 106.946 353 28	-67.936 882 41 -67.936 262 92	2.22 2.22	-2.93 8.81 -2.93 8.81	0.92 0.78 0.79 1.04 0.86 14.09 13.66 0.79 1.04 0.86					A 21.3	2.39				
07079-0441	1	L CA	A 34401 B 34401	7.521 0.005 8.031 0.007	7.729 0.010 8.074 0.022	7.407 0.012 7.772 0.029					106.986 948 87 106.987 161 25	-4.677 875 94 -4.677 450 12	3.39 3.39	-18.27 9.75 -18.89 5.37	1.59 1.15 1.40 1.24 0.93 3.28 2.13 1.40 1.99 1.35					A 26.4	1.712	0.0	-0.004		

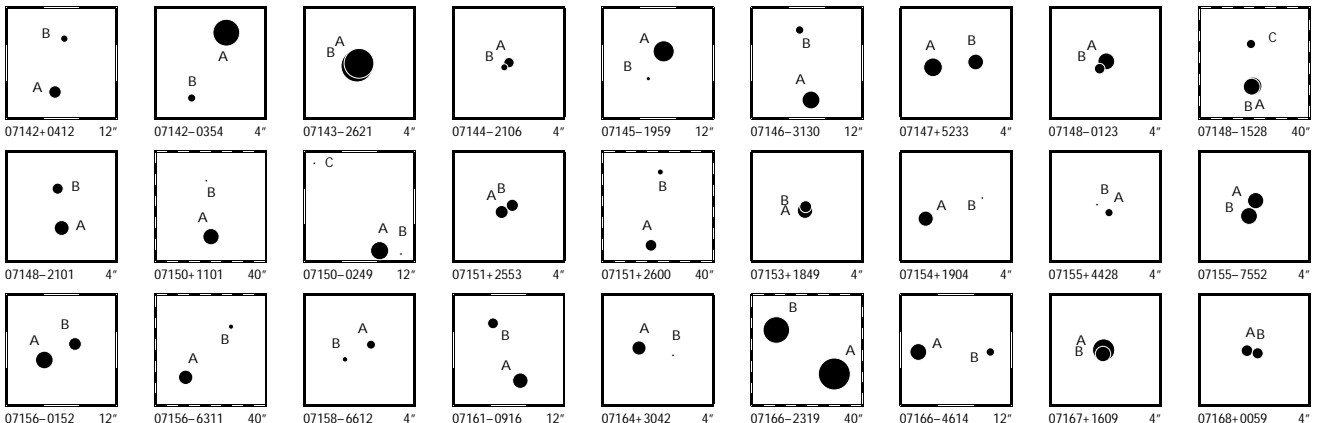


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt					
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
07079-1542	1	F	A	34393	7.788	0.035						106.968	594 59	-15.700	532 85	2.09	0.32	-9.40	3.86	2.82	0.94	0.92	0.95	A	305	0.238		
			B	34393	8.568	0.072						106.968	538 65	-15.700	494 74	2.09	0.32	-9.40	6.80	4.96	0.94	0.92	0.95					
07080+3552	1	F	A	34411	9.340	0.196						107.011	491 13	+35.861	666 67	10.11	-47.58	-54.47	6.78	14.64	1.27	1.52	0.93	B	191	0.137		
			B	34411	9.510	0.229						107.011	481 88	+35.861	629 47	10.11	-47.58	-54.47	8.83	11.70	1.27	1.52	0.93					
07082+6339	1	F	A	34425	10.245	0.456						107.046	993 40	+63.645	212 57	1.96	8.40	4.52	23.27	13.03	1.54	1.87	1.15	A	290	0.16		
			B	34425	11.909	2.113						107.046	896 66	+63.645	228 42	1.96	8.40	4.52	202.01	77.64	1.54	1.87	1.15					
07083+5241	1	F	A	34434	9.933	0.330						107.084	899 11	+52.685	784 99	5.47	-0.06	1.55	31.97	9.55	1.56	1.82	1.30	A	104	0.17		
			B	34434	10.004	0.353						107.084	976 86	+52.685	773 10	5.47	-0.06	1.55	23.19	8.67	1.56	1.82	1.30					
07084-4731	1	F	A	34445	9.294	0.010	9.193	0.014	9.254	0.019		107.102	211 06	-47.520	936 71	1.89	-2.11	7.32	1.49	1.47	1.50	1.61	1.62	A	134	3.05		
			B	34445	12.742	0.224						107.103	110 63	-47.521	528 48	1.89	-2.11	7.32	49.47	50.04	1.50	1.61	1.62					
07087+1739	1	F	A	34476	7.891	0.017						107.182	564 98	+17.657	305 13	2.57	1.02	-3.49	3.41	3.13	1.15	1.31	0.82	A	57	0.27		
			B	34476	9.041	0.049						107.182	630 51	+17.657	345 66	2.57	1.02	-3.49	9.93	9.32	1.15	1.31	0.82					
07087-1816	1	F	A	34479	8.680	0.013	8.583	0.014	8.673	0.019		107.186	550 90	-18.270	873 03	1.36	-4.98	4.92	1.53	1.44	1.87	1.74	1.67	A	155.1	14.54		
			B	34479	11.867	0.237						107.188	339 34	-18.274	536 56	1.36	-4.98	4.92	49.98	51.46	1.87	1.74	1.67					
07087-7030	1	I	A	34481	3.930	0.009	5.073	0.003	3.876	0.002		107.186	768 83	-70.499	194 35	23.02	23.71	108.06	0.92	0.79	0.69	0.94	0.75	A	298.22	14.11	-0.03	0.00
			B	34473	5.782	0.038	6.165	0.005	5.668	0.006		107.176	422 80	-70.497	340 46	22.16	17.17	104.08	12.42	9.70	4.14	7.82	5.99					
07088+1655	1	F	A	34484	8.490	0.005	9.937	0.053	8.422	0.027		107.194	773 52	+16.908	808 13	1.39	-4.74	8.75	3.52	1.58	3.59	3.43	1.98	A	356.2	6.920		
			B	34484	8.741	0.006	10.124	0.065	8.625	0.034		107.194	640 53	+16.910	726 07	1.39	-4.74	8.75	5.52	2.19	3.59	3.43	1.98					
07088-0841	1	I	A	34486	8.583	0.019	10.072	0.033	8.525	0.017		107.203	868 51	-8.676	831 82	2.28	-10.39	-5.09	3.18	2.47	2.92	3.05	2.30	A	44.44	15.83	-0.01	0.00
			B	34491	9.750	0.042	9.829	0.032	9.644	0.039		107.206	982 81	-8.673	691 93	7.37	-9.35	-1.56	14.95	11.64	8.22	8.79	6.23					
07091-5905	1	F	A	34510	10.061	0.225						107.269	702 32	-59.088	994 27	7.98	-50.52	63.42	7.55	15.59	0.95	0.95	1.08	A	339	0.15		
			S	34510	10.642	0.384						107.269	674 07	-59.088	956 25	7.98	-50.52	63.42	15.28	23.67	0.95	0.95	1.08					
07091-6034	1	F	A	34517	8.557	0.037						107.280	756 62	-60.575	284 47	5.01	-2.15	47.10	4.26	4.48	0.74	0.95	0.92	A	136	0.256		
			B	34517	9.092	0.061						107.280	856 55	-60.575	335 95	5.01	-2.15	47.10	5.52	5.73	0.74	0.95	0.92					
07092+1903	1	F	A	34524	8.791	0.141						107.306	153 77	+19.042	732 06	16.65	33.95	-43.96	7.50	9.83	1.20	1.32	1.00	A	347	0.14		
			B	34524	10.195	0.512						107.306	144 67	+19.042	770 84	16.65	33.95	-43.96	31.01	31.46	1.20	1.32	1.00					
07093-2051	1	F	A	34535	9.172	0.040						107.333	132 63	-20.846	345 51	1.27	-2.26	1.12	4.73	3.81	1.68	1.23	1.58	A	88	0.22		
			B	34535	10.997	0.216						107.333	198 01	-20.846	343 37	1.27	-2.26	1.12	22.33	22.25	1.68	1.23	1.58					
07094-2230	1	F	A	34537	9.618	0.169						107.338	138 85	-22.493	087 91	-0.02	-4.69	3.33	12.10	7.66	1.09	0.81	1.03	A	283	0.14		
			B	34537	10.102	0.263						107.338	099 31	-22.493	079 42	-0.02	-4.69	3.33	13.82	10.10	1.09	0.81	1.03					
07094-6023	1	L	A	34543	7.549	0.004						107.354	020 71	-60.380	472 13	4.29	-3.16	49.86	1.07	0.94	0.76	0.95	0.96	A	275.0	0.466	-0.8	-0.004
			B	34543	7.950	0.006						107.353	759 98	-60.380	460 85	4.29	0.08	42.77	1.68	1.85	0.76	1.45	1.63					
07098-5622	1	F	A	34586	8.756	0.005	8.919	0.014	8.580	0.016		107.454	632 65	-56.371	519 68	6.09	-8.34	5.29	1.03	1.17	1.04	1.23	1.46	A	218.0	1.680		
			B	34586	9.638	0.012	9.850	0.041	9.304	0.032		107.454	113 73	-56.371	887 51	6.09	-8.34	5.29	3.08	3.51	1.04	1.23	1.46					
07100-2425	1	F	A	34599	9.370	0.005						107.493	324 60	-24.409	781 24	0.72	-4.08	0.51	1.10	1.26	1.60	1.30	1.53	A	89	0.83		
			B	34599	12.158	0.060						107.493	578 10	-24.409	775 54	0.72	-4.08	0.51	18.51	24.08	1.60	1.30	1.53					
07102-1841	1	F	A	34617	6.374	0.014						107.538	985 58	-18.685	598 88	20.08	11.68	-16.71	1.04	1.00	1.10	1.14	0.97	A	32	0.23		
			B	34617	9.732	0.314						107.539	020 39	-18.685	545 76	20.08	11.68	-16.71	32.95	43.98	1.10	1.14	0.97					
07104-3003	1	F	A	34632	8.552	0.004						107.600	686 24	-30.055	535 32	5.09	6.72	11.63	0.99	1.68	1.68	1.07	1.90	A	4.1	0.917		
			B	34632	8.592	0.004						107.600	707 12	-30.055	281 18	5.09	6.72	11.63	1.70	2.22	1.68	1.07	1.90					
07104-5535	1	F	A	34631	7.796	0.006	8.799	0.013	7.694	0.009		107.601	950 06	-55.587	691 55	4.88	-1.46	-9.42	1.27	1.17	1.13	1.16	1.25	A	225.93	6.954		
			B	34631	7.932	0.007	8.928	0.014	7.839	0.010		107.599	494 05	-55.589	034 91	4.88	-1.46	-9.42	2.13	2.18	1.13	1.16	1.25					
07105-2921	1	F	A	34645	8.537	0.005						107.626	084 70	-29.347	099 25	5.28	-5.46	23.53	1.24	1.65	1.76	1.36	1.89	A	337.5	0.944		
			B	34645	9.059	0.008						107.625	969 66	-29.346	856 84	5.28	-5.46	23.53	3.16	3.41	1.76	1.36	1.89					
07105-7221	1	F	A	34643	8.176	0.005	8.355	0.009	8.080	0.009		107.624	983 15	-72.342	694 07	8.86	1.37	-0.10	0.95	0.77	0.82	0.98	0.75	A	304	1.03		
			B	34643	10.991	0.058						107.624	199 09	-72.342	533 92	8.86	1.37	-0.10	12.74	12.76	0.82	0.98	0.75					

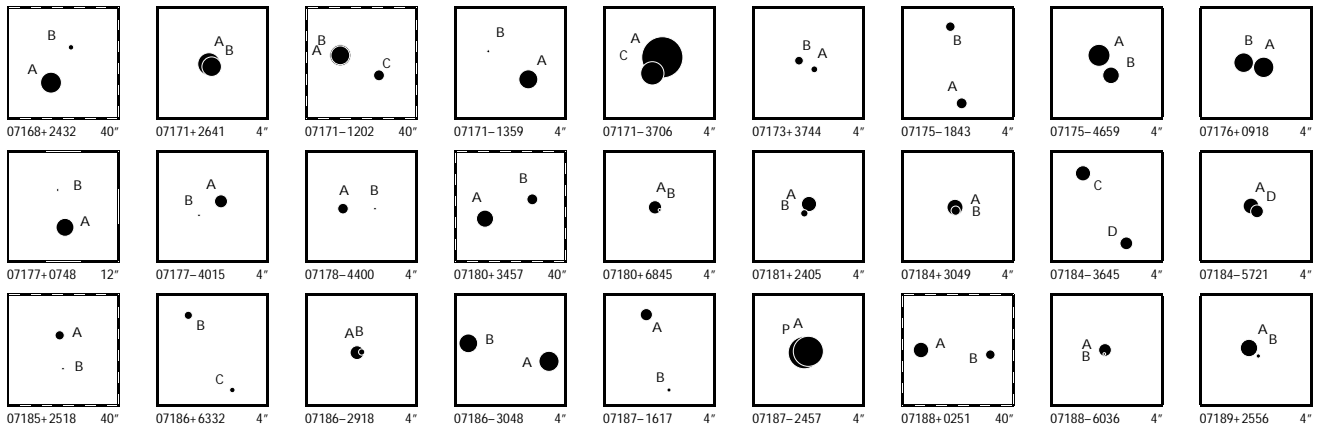
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	σ	σ	α	δ		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
07116-2546	1	F	C	A 34742 C 34742	8.990 10.815	0.116 0.625					107.893 745 99 107.893 705 48	-25.770 535 30 -25.770 511 85	1.93 1.93	-2.40 -2.40	3.12 3.12	5.06 51.81	8.50 36.12	1.28 1.28	0.67 0.67	1.22 1.22	A	303		0.16	
07116-7959	1	F	C	A 34744 B 34744	9.080 11.610	0.498 5.125					107.903 010 99 107.902 836 34	-79.985 704 71 -79.985 708 60	5.07 5.07	-10.72 -10.72	9.23 9.23	29.26 217.85	5.52 49.38	0.71 0.71	0.72 0.72	0.71 0.71	A	263		0.11	
07118+1953	1	F	C	A 34764 B 34764	8.227 10.101	0.006 0.031					107.954 055 01 107.954 198 28	+19.885 628 02 +19.885 657 85	5.21 5.21	-5.01 -5.01	-15.75 -15.75	1.74 11.19	0.95 7.06	1.33 1.33	1.67 1.67	0.98 0.98	A	78		0.50	
07120+2217	1	L	C	A 34779 B 34779	8.168 8.307	0.005 0.006	8.632 8.755	0.012 0.013	8.080 8.237	0.011 0.012	108.004 279 45 108.006 007 28	-22.279 103 67 +22.280 983 17	5.78 5.78	40.15 33.44	-37.71 -38.55	2.24 4.19	1.18 2.06	1.90 1.90	1.84 2.48	1.27 1.97	A	40.39	8.883	-0.03	-0.005
07120-6311	1	F	C	A 34780 B 34780	6.424 7.330	0.005 0.011					108.008 255 71 108.008 463 39	-63.190 054 10 -63.190 092 25	5.45 5.45	-2.30 -2.30	-1.98 -1.98	1.00 2.35	0.96 2.74	0.66 0.66	0.81 0.81	0.83 0.83	A	112.2		0.364	
07121+0528	1	F	C	A 34789 B 34789	6.401 9.090	0.005 0.065					108.031 267 99 108.031 293 76	+5.474 361 98 +5.474 452 07	4.33 4.33	-20.41 -20.41	-6.33 -6.33	1.17 10.43	1.22 8.65	1.06 1.06	0.90 0.90	0.67 0.67	A	16		0.34	
07121+0622	1	F	C	A 34783 B 34783	9.763 9.838	0.010 0.010					108.018 384 65 108.018 473 57	+6.359 479 85 +6.359 399 99	1.84 1.84	-11.11 -11.11	-5.40 -5.40	3.88 6.12	2.65 4.13	3.17 3.17	3.25 3.25	2.53 2.53	A	132		0.429	
07122-1916	1	F	C	A 34797 B 34797	9.139 9.454	0.247 0.330					108.050 042 87 108.050 075 81	-19.269 699 35 -19.269 688 06	1.61 1.61	-6.61 -6.61	2.78 2.78	15.10 14.91	9.94 14.51	1.16 1.16	0.96 0.96	1.20 1.20	A	70		0.12	
07123-4030	1	F	C	A 34802 B 34802	5.349 9.542	0.002 0.089					108.065 921 33 108.065 631 78	-40.498 778 43 -40.498 824 92	7.51 7.51	-18.85 -18.85	-12.36 -12.36	0.42 19.33	0.46 24.80	0.48 0.48	0.41 0.41	0.53 0.53	A	258		0.81	
07124-3633	1	F	C	A 34817 B 34817	6.011 8.393	0.003 0.024	5.831 6.001	0.006 0.008			108.107 625 42 108.108 461 12	-36.544 399 53 -36.544 123 81	3.61 3.61	-9.76 -9.76	7.48 7.48	0.52 5.72	0.56 5.21	0.63 0.63	0.54 0.54	0.65 0.65	A	67.7		2.61	
07125-0813	1	F	C	A 34824 B 34824	8.041 11.611	0.008 0.207	7.934 8.004	0.008 0.010			108.115 097 84 108.115 079 71	-8.212 025 39 -8.211 632 06	2.35 2.35	-7.90 -7.90	4.04 4.04	1.27 30.62	0.92 30.66	1.36 1.36	1.17 1.17	0.87 0.87	A	357		1.42	
07126-0951	1	F	C	A 34839 B 34839	8.616 11.418	0.011 0.138	8.634 8.598	0.013 0.016			108.145 051 80 108.144 931 54	-9.845 031 75 -9.845 658 93	-0.34 -0.34	2.57 2.57	4.35 4.35	1.97 26.86	1.40 17.70	1.87 1.87	2.46 2.46	1.86 1.86	A	191		2.30	
07126-3613	1	F	C	A 34842 B 34842	8.880 10.069	0.016 0.041	9.065 11.588	0.016 0.142	8.815 10.009	0.017 0.044	108.148 151 59 108.142 529 75	-36.221 217 91 -36.221 886 16	4.00 4.00	-5.98 -5.98	1.57 1.57	1.34 7.76	1.58 11.11	1.76 1.76	1.37 1.37	1.78 1.78	A	261.62		16.50	
07127-0311	1	F	C	A 34848 B 34848	8.077 9.457	0.004 0.013	8.432 9.981	0.016 0.042	7.982 9.240	0.014 0.037	108.176 041 94 108.174 756 83	-3.177 943 84 -3.178 848 06	13.53 13.53	-31.46 -31.46	-61.64 -61.64	1.28 5.01	0.89 3.47	1.33 1.33	1.34 1.34	1.00 1.00	A	234.83		5.651	
07128+1511	1	F	C	A 34858 B 34858	7.773 8.984	0.005 0.014	7.737 8.966	0.009 0.016	7.741 8.784	0.009 0.022	108.200 678 17 108.200 888 72	+15.178 313 47 +15.177 746 68	4.65 4.65	-2.52 -2.52	-11.58 -11.58	1.25 4.76	0.81 3.03	1.29 1.29	1.30 1.30	0.84 0.84	A	160.3		2.168	
07128+2713	1	L	C	A 34860 B 34860	7.277 7.364	0.006 0.006					108.204 491 97 108.204 231 62	+27.225 060 34 +27.225 311 94	22.65 22.65	13.25 16.12	-97.78 -112.64	4.21 7.69	1.54 1.89	2.03 2.03	2.77 7.12	1.48 3.83	A	317.4	1.23	-0.4	-0.01
07128+5548	1	I	C	A 34866 B 34869	8.398 8.744	0.102 0.124	9.582 9.927	0.018 0.030	8.309 8.625	0.011 0.018	108.212 377 61 108.222 228 37	+55.803 457 04 +55.798 734 52	6.22 3.99	-15.09 4.43	-17.23 -14.76	56.35 4.01	71.55 3.10	3.32 3.57	3.27 3.59	2.93 3.24	A	130.46	26.20	-0.03	+0.01
07128-0709	1	F	C	A 34862 B 34862	7.894 9.370	0.007 0.027	8.400 9.280	0.018 0.023	7.809 9.141	0.012 0.031	108.205 734 12 108.206 062 91	-7.149 379 57 -7.149 889 58	2.03 2.03	-1.94 -1.94	0.45 0.45	1.56 8.54	1.10 6.21	1.54 1.54	1.59 1.59	1.05 1.05	A	147.4		2.18	
07132-3058	1	F	C	A 34898 B 34898	7.838 10.268	0.004 0.031	7.705 10.293	0.007 0.039	7.824 9.971	0.009 0.047	108.304 460 15 108.306 600 90	-30.966 423 22 -30.966 650 29	1.25 1.25	-3.69 -3.69	3.65 3.65	0.66 6.11	0.80 7.87	0.92 0.92	0.71 0.71	0.89 0.89	A	97.1		6.66	
07134+1610	1	F	C	A 34909 D 34909	5.711 5.801	0.209 0.226					108.342 775 14 108.342 783 68	+16.159 052 14 +16.159 084 71	4.66 4.66	14.66 14.66	-41.80 -41.80	6.67 6.94	10.76 13.76	0.90 0.90	0.87 0.87	0.57 0.57	A	14		0.12	
07135+3209	1	F	C	A 34920 B 34920	7.477 11.281	0.003 0.099	7.721 11.239	0.006 0.103	7.428 10.863	0.008 0.114	108.378 945 20 108.379 538 53	+32.145 460 94 +32.144 078 38	5.49 5.49	-23.42 -23.42	-17.92 -17.92	1.37 33.96	0.59 21.77	1.20 1.20	1.50 1.50	0.77 0.77	A	160.0		5.30	
07135-3829	1	F	C	A 34919 B 34919	7.522 11.223	0.003 0.080	7.584 7.491	0.005 0.007			108.372 168 62 108.371 851 60	-38.491 172 19 -38.491 962 26	3.91 3.91	4.66 4.66	12.71 12.71	0.72 24.50	0.74 32.47	0.82 0.82	0.70 0.70	0.86 0.86	A	197.4		2.98	
07137-0856	1	F	C	A 34933 B 34933	8.422 9.812	0.006 0.020	8.402 9.645	0.014 0.059	8.393 9.465	0.018 0.077	108.426 435 22 108.427 104 16	-8.925 272 53 -8.924 508 26	2.55 2.55	-6.24 -6.24	2.06 2.06	1.54 6.93	1.11 4.67	1.59 1.59	1.49 1.49	1.12 1.12	A	40.8		3.64	
07137-3412	1	F	C	A 34928 B 34928	10.557 10.848	0.029 0.038					108.414 059 32 108.413 957 18	-34.199 179 34 -34.199 188 52	7.67 7.67	13.83 13.83	-66.26 -66.26	3.48 3.74	5.36 4.41	1.76 1.76	1.62 1.62	1.99 1.99	A	264		0.306	
07138+1756	1	F	C	A 34936 B 34936	8.511 9.916	0.003 0.011					108.441 458 31 108.441 731 61	+17.933 227 50 +17.933 161 83	1.87 1.87	-12.85 -12.85	-6.78 -6.78	1.73 6.69	0.87 3.15	1.65 1.65	1.85 1.85	1.18 1.18	A	104.2		0.97	
07138+2830	1	F	C	A 34943 B 34943	7.232 8.813	0.002 0.010					108.459 050 47 108.459 122 37	+28.494 069 19 +28.494 217 95	4.21 4.21	-15.59 -15.59	-10.47 -10.47	1.31 4.96	0.71 2.21	1.27 1.27	1.37 1.37	0.86 0.86	A	23.0		0.582	
07138+4830	1	F	C	A 34946 B 34946	7.352 10.340	0.006 0.088	7.388 7.302	0.007 0.009			108.469 216 49 108.470 252 11	+48.498 843 91 +48.498 555 48	6.38 6.38	2.74 2.74	0.49 0.49	1.27 26.78	0.89 18.95	1.28 1.28	1.37 1.37	0.87 0.87	A	112.8		2.68	



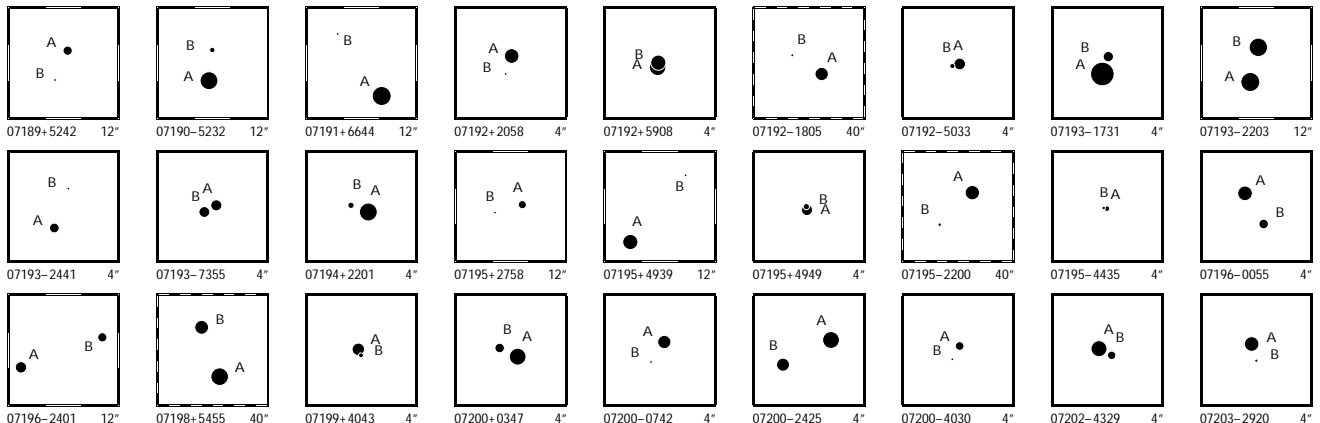
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
07142+0412	1	FCA	A 34980 B 34980	9.232 0.007 10.365 0.020	9.433 0.020 10.413 0.044	9.152 0.022 10.260 0.062		108.559 367 04 108.559 079 76	+4.207 363 93 +4.209 006 17	2.23 2.23	1.84 1.84	-6.37 -6.37	2.24 1.43 2.35 2.10 1.47 6.80 5.11 2.35 2.10 1.47	A 350.1 6.00												
07142-0354	1	FND	D A 34975 B 34975	6.088 0.007 10.172 0.294	8.040 0.010	6.149 0.006		108.545 295 05 108.545 652 29	-3.901 759 14 -3.902 421 76	5.32 5.32	-34.21 -34.21	-8.09 -8.09	1.19 0.96 1.23 1.11 0.84 67.84 54.72 1.23 1.11 0.84	A 152 2.71												
07143-2621	1	FCA	B 34981 A 34981	4.920 0.046 5.394 0.072				108.563 411 07 108.563 387 43	-26.352 527 73 -26.352 498 27	2.07 2.07	-6.58 -6.58	3.89 3.89	1.90 2.61 0.59 0.39 0.51 2.90 4.00 0.59 0.39 0.51	B 324 0.131												
07144-2106	1	FCA	A 34993 B 34993	9.710 0.057 10.411 0.108				108.608 136 85 108.608 197 30	-21.106 885 62 -21.106 935 95	0.89 0.89	1.00 1.00	1.45 1.45	6.45 5.74 1.73 1.46 1.50 12.64 11.89 1.73 1.46 1.50	A 132 0.27												
07145-1959	1	FCC	A 35004 B 35004	7.346 0.004 11.050 0.120	7.172 0.005	7.352 0.006		108.634 265 70 108.634 785 95	-19.991 129 77 -19.991 972 95	-0.41 -0.41	-5.03 -5.03	1.80 1.80	0.88 0.92 1.16 0.91 1.02 29.28 43.69 1.16 0.91 1.02	A 149.9 3.51												
07146-3130	1	FCA	A 35014 B 35014	8.013 0.004 10.138 0.029	8.049 0.008 10.416 0.044	7.957 0.011 9.992 0.047		108.645 450 82 108.645 863 56	-31.493 472 58 -31.491 341 62	5.75 5.75	-4.52 -4.52	0.93 0.93	0.75 0.93 1.01 0.82 1.05 5.86 7.44 1.01 0.82 1.05	A 9.38 7.78												
07147+5233	1	FCA	A 35033 B 35033	7.842 0.006 8.521 0.011	7.785 0.023	7.505 0.027		108.700 228 05 108.699 511 81	+52.545 593 21 +52.545 651 77	3.19 3.19	2.98 2.98	-2.99 -2.99	1.57 1.34 1.61 1.73 1.33 6.56 3.22 1.61 1.73 1.33	A 277.7 1.58												
07148-0123	1	FCA	A 35039 B 35039	8.264 0.007 9.637 0.024				108.708 697 42 108.708 763 99	-1.375 709 60 -1.375 793 11	0.94 0.94	0.69 0.69	0.25 0.25	2.16 1.49 1.54 1.88 1.28 8.31 4.83 1.54 1.88 1.28	A 141 0.38												
07148-1528	1	FNB	G A 35035 B 35035 C 35034	8.043 0.017 8.267 0.017 9.947 0.135	10.478 0.057	9.894 0.054		108.701 075 29 108.701 247 49 108.701 267 33	-15.475 976 92 -15.475 993 41 -15.471 634 26	10.18 10.18 10.18	22.57 22.57 22.57	-40.22 -40.22 -40.22	2.49 2.82 2.01 1.33 1.69 1.77 1.90 2.01 1.33 1.69 20.05 20.25 2.01 1.33 1.69	A 95.7 0.600 A 2.4 15.65												
07148-2101	1	FCA	A 35036 B 35036	8.722 0.008 9.563 0.017	8.478 0.014 9.118 0.043	8.555 0.018 9.013 0.070		108.701 160 22 108.701 202 31	-21.024 070 05 -21.023 666 05	0.68 0.68	-3.60 -3.60	3.70 3.70	1.60 1.58 1.94 1.82 1.71 4.71 5.46 1.94 1.82 1.71	A 5.6 1.46												
07150+1101	1	FND	D A 35062 B 35063	8.372 0.023 11.960 0.510	8.260 0.009	8.352 0.012		108.756 760 97 108.757 262 02	+11.012 953 52 +11.018 793 73	0.99 0.99	-3.42 -3.42	-3.03 -3.03	1.91 1.14 1.64 1.91 1.27 185.84 100.65 1.64 1.91 1.27	A 5 21.10												
07150-0249	1	FCB	G A 35060 B 35060 C 35060	7.953 0.027 11.634 0.281 12.146 1.255	8.160 0.010	7.915 0.009		108.752 653 11 108.754 663 56 108.752 001 84	-2.823 485 24 -2.820 802 27 -2.823 577 61	1.29 1.29 1.29	-0.26 -0.26 -0.26	-4.11 -4.11 -4.11	2.20 1.45 2.26 2.11 1.58 40.61 33.11 2.26 2.11 1.58 26.68 23.13 2.26 2.11 1.58	A 36.8 12.06 A 262 2.37												
07151+2553	1	FCA	A 35070 B 35070	9.114 0.011 9.295 0.013				108.783 200 19 108.783 083 68	+25.880 375 50 +25.880 444 80	3.77 3.77	-38.34 -38.34	0.78 0.78	3.84 2.47 2.97 3.67 2.22 6.57 4.27 2.97 3.67 2.22	A 303 0.45												
07151+2600	1	IND	D A 35066 B 35065	9.398 0.010 10.666 0.022	9.634 0.027 11.495 0.136	9.361 0.030 10.433 0.083		108.764 583 03 108.763 538 87	+26.004 670 70 +26.012 134 10	5.60 7.35	-11.96 -3.21	-14.30 -2.39	3.86 2.18 2.93 3.66 2.33 14.23 7.27 7.48 9.12 6.04	A 352.83 27.08 +0.02 +0.01												
07153+1849	1	FCA	A 35082 B 35082	8.607 0.064 9.378 0.130				108.833 000 84 108.832 997 29	+18.814 585 14 +18.814 629 71	0.48 0.48	-6.41 -6.41	-8.53 -8.53	2.84 5.44 0.98 1.19 0.72 5.59 8.63 0.98 1.19 0.72	A 356 0.161												
07154+1904	1	FCA	A 35086 B 35086	8.616 0.006 11.853 0.123	8.912 0.012	8.564 0.013		108.844 366 09 108.843 751 35	+19.062 203 33 +19.062 412 93	6.08 6.08	-16.01 -16.01	-27.15 -27.15	1.77 0.95 1.68 1.86 1.25 39.45 21.47 1.68 1.86 1.25	A 290 2.22												
07155+4428	1	FCC	A 35100 B 35100	10.227 0.013 13.171 0.188				108.874 127 66 108.874 311 40	+44.461 488 55 +44.461 571 31	10.10 10.10	-6.36 -6.36	-62.62 -62.62	3.39 2.46 3.33 3.47 2.51 70.10 35.50 3.33 3.47 2.51	A 58 0.56												
07155-7552	1	LCA	B 35102 A 35102	8.286 0.004 8.404 0.005				108.878 389 49 108.878 125 90	-75.865 095 95 -75.864 940 51	14.28 14.28	9.75 15.23	90.30 69.15	1.86 2.07 1.37 1.33 1.60 2.47 2.57 1.37 2.10 2.23	B 337.5 0.606 -0.3 -0.022												
07156-0152	1	FCA	A 35107 B 35107	8.086 0.006 9.168 0.016	9.250 0.086	8.880 0.093		108.892 999 17 108.892 054 91	-1.860 126 33 -1.859 620 05	4.76 4.76	9.08 9.08	-29.01 -29.01	1.52 1.08 1.49 1.43 1.13 5.10 3.52 1.49 1.43 1.13	A 298.2 3.86												
07156-6311	1	ICC	A 35118 B 35111	8.821 0.010 10.862 0.047	10.726 0.038 11.187 0.059	8.893 0.015 10.547 0.056		108.910 130 96 108.899 906 53	-63.179 855 03 -63.174 657 98	2.04 0.92	-6.88 -23.73	10.05 -5.40	1.64 1.66 1.32 1.77 1.89 14.87 14.38 8.34 11.21 11.27	A 318.40 25.02 -0.05 0.00												
07158-6612	1	FCA	A 35129 B 35129	9.991 0.009 10.803 0.018				108.936 896 30 108.932 555 21	-66.197 077 20 -66.197 233 77	-0.28 -0.28	-5.44 -5.44	21.27 21.27	2.21 1.97 2.01 1.61 1.99 5.66 6.60 2.01 1.61 1.99	A 120.5 1.11												
07161-0916	1	FCA	A 35167 B 35167	8.584 0.007 9.607 0.017	8.502 0.013 9.387 0.025	8.546 0.017 9.409 0.034		109.027 956 48 109.028 797 23	-9.269 692 28 -9.267 938 68	2.66 2.66	-2.55 -2.55	-0.99 -0.99	2.13 1.65 2.26 2.36 1.88 7.67 4.83 2.26 2.36 1.88	A 25.3 6.98												
07164+3042	1	FCB	A 35193 B 35193	8.884 0.010 11.750 0.137	9.287 0.021	8.759 0.020		109.097 626 74 109.097 233 80	+30.705 258 08 +30.705 178 79	9.56 9.56	-6.30 -6.30	-3.44 -3.44	2.74 1.56 2.66 2.49 1.47 45.53 29.39 2.66 2.49 1.47	A 257 1.25												
07166-2319	1	INC	A 35210 B 35213	4.948 0.009 6.099 0.021	7.050 0.006 6.312 0.005	5.019 0.003 5.983 0.006		109.153 487 00 109.159 905 95	-23.315 601 55 -23.311 053 20	0.52 12.66	-4.91 -33.67	3.01 46.62	1.09 1.17 1.30 1.13 1.15 5.59 6.97 4.61 3.46 4.26	A 52.35 26.804 -0.11 +0.004												
07166-4614	1	FCA	A 35207 B 35207	8.287 0.005 10.136 0.025	8.452 0.011 10.373 0.043	8.258 0.012 9.986 0.045		109.149 871 29 109.146 673 87	-46.238 056 81 -46.238 043 91	2.79 2.79	-10.40 -10.40	12.24 12.24	0.98 0.96 1.02 1.09 0.94 5.45 7.29 1.02 1.09 0.94	A 270.3 7.96												
07167+1609	1	FCA	A 35219 B 35219	7.099 0.060 8.557 0.228				109.185 601 48 109.185 609 41	+16.147 075 25 +16.147 037 65	19.24 19.24	-5.85 -5.85	21.71 21.71	3.67 4.56 0.90 0.92 0.63 13.89 11.49 0.90 0.92 0.63	A 169 0.14												
07168+0059	1	LCA	A 35221 B 35221	9.448 0.017 9.539 0.019				109.197 964 72 109.197 856 12	+0.979 518 48 +0.979 497 89	16.81 16.81	-22.53 -25.31	12.43 -8.10	3.64 2.12 2.28 2.47 1.75 5.17 3.53 2.28 3.16 2.19	A 259 0.398 -3 +0.007												



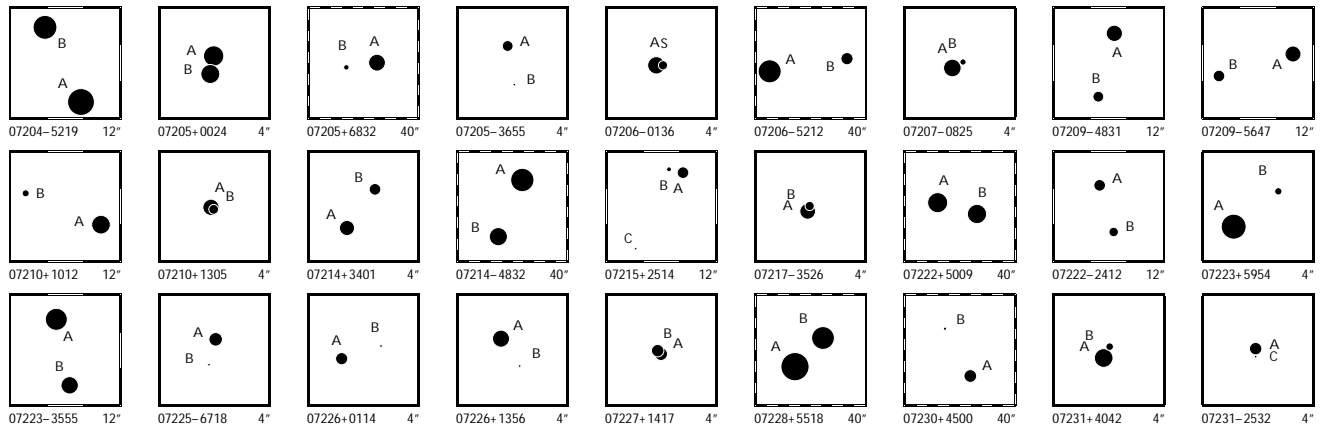
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry												
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt							
1	2	3-5	6	7	8	9	mag	10	mag	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
07168+2432	1	I	CA	A 35224 B 35222	7.350 0.008 10.829 0.166	7.410 0.009	7.329 0.008	109.202 160 91 +24.536 339 85 109.199 861 21 +24.539 910 46	6.11 -11.34	-5.31 20.82	-13.04 18.55	2.40 1.74 1.86 2.64 1.61 69.62 52.58 28.91 54.77 34.50	A 329.6	14.90	+0.1	+0.01														
07171+2641	1	F	CA	A 35253 B 35253	6.996 0.057 7.702 0.110			109.264 030 72 +26.689 814 91 109.263 988 94 +26.689 785 17	11.00 11.00	57.22 57.22	-131.62 -131.62	5.25 4.98 1.08 0.93 0.58 8.71 8.71 1.08 0.93 0.58	A 231	0.172																
07171-1202	1	L	NB	G A 35261 B 35261 C 35261	7.329 0.017 7.869 0.025 9.602 0.151	10.509 0.049	9.533 0.032	109.278 992 07 -12.033 769 09 109.278 952 21 -12.033 673 91 109.274 977 15 -12.035 798 67	16.03 16.03 16.03	30.21 37.73 42.26	-62.58 -47.79 -36.48	1.76 1.54 1.64 1.56 1.36 4.52 3.77 1.64 2.73 2.28 31.02 23.66 1.64 18.12 17.30	A 338 A 242.7	0.370 15.91	+2 +0.1	+0.011 -0.02														
07171-1359	1	F	CB	A 35263 B 35263	7.788 0.005 11.349 0.116	7.758 0.008	7.784 0.010	109.280 638 18 -13.989 814 03 109.281 066 69 -13.989 520 53	0.28 0.28	-1.93 -1.93	1.28 1.28	0.85 0.91 1.26 0.95 1.10 23.20 26.68 1.26 0.95 1.10	A 55	1.83																
07171-3706	1	F	CB	P A 35264 C 35264	2.857 0.004 6.860 0.141			109.285 683 99 -37.097 486 89 109.285 817 45 -37.097 654 82	2.98 2.98	-10.57 -10.57	7.00 7.00	0.46 0.52 0.55 0.44 0.60 21.05 25.10 0.55 0.44 0.60	A 148	0.72																
07173+3744	1	F	CA	B 35276 A 35276	10.090 0.008 10.494 0.012			109.322 437 33 +37.725 345 64 109.322 237 85 +37.725 255 08	3.52 3.52	8.07 8.07	-31.01 -31.01	5.04 2.77 3.83 7.28 3.96 8.71 6.17 3.83 7.28 3.96	B 240	0.65																
07175-1843	1	F	CA	A 35290 B 35290	9.595 0.020 9.901 0.027	9.635 0.024	9.395 0.020	109.362 141 00 -18.720 491 09 109.362 261 10 -18.719 702 10	5.82 5.82	0.88 0.88	-1.82 -1.82	2.70 3.26 4.77 3.70 3.97 6.15 7.52 4.77 3.70 3.97	A 8.2	2.87																
07175-4659	1	F	CA	A 35296 B 35296	7.137 0.004 8.354 0.011			109.373 239 47 -46.980 664 37 109.373 054 97 -46.980 870 32	67.69 67.69	-18.46 -18.46	585.03 585.03	0.81 0.84 0.86 1.11 0.95 3.02 3.22 0.86 1.11 0.95	A 211.4	0.869																
07176+0918	1	L	CA	A 35310 B 35310	7.479 0.004 7.692 0.005			109.410 489 10 +9.292 362 17 109.410 697 75 +9.292 408 39	22.85 22.85	4.44 -32.53	-114.02 -106.54	2.45 1.23 1.79 2.65 1.41 3.67 1.98 1.79 3.05 2.07	A 77.3	0.760	-1.2	-0.034														
07177+0748	1	F	CB	A 35320 B 35320	8.056 0.004 11.828 0.136	8.000 0.008	8.040 0.010	109.435 807 89 +7.796 067 45 109.436 024 18 +7.797 222 65	0.12 0.12	-2.73 -2.73	1.65 1.65	1.66 0.91 1.67 1.68 1.18 78.30 29.75 1.67 1.68 1.18	A 11	4.23																
07177-4015	1	F	CC	A 35319 B 35319	9.134 0.008 12.619 0.199			109.429 424 70 -40.253 345 08 109.429 716 57 -40.253 494 68	0.53 0.53	-3.44 -3.44	14.78 14.78	1.25 1.32 1.39 1.26 1.45 44.26 42.64 1.39 1.26 1.45	A 124	0.97																
07178-4400	1	F	FD	A 35327 B 35327	9.686 0.017 12.745 0.285	10.247 0.027	9.579 0.024	109.451 038 64 -44.003 033 94 109.450 579 82 -44.003 031 19	5.38 5.38	-7.63 -7.63	-38.29 -38.29	1.58 1.75 1.76 1.65 1.69 51.13 67.21 1.76 1.65 1.69	A 270	1.19																
07180+3457	1	I	CA	A 35349 B 35346	8.199 0.031 9.601 0.093	8.569 0.017	8.110 0.016	109.522 834 01 +34.951 756 06 109.516 987 48 +34.953 722 93	6.94 7.89	-3.99 -47.99	-27.69 -35.64	4.16 3.16 4.45 7.34 2.98 35.57 23.52 14.05 34.58 18.87	A 292.3	18.65	-0.1	+0.04														
07180+6845	1	F	CB	A 35335 B 35335	9.032 0.087 11.318 0.718			109.488 547 83 +68.742 262 47 109.488 415 67 +68.742 237 33	4.50 4.50	-6.39 -6.39	-3.25 -3.25	6.43 4.70 1.34 0.70 1.09 66.10 43.24 1.34 0.70 1.09	A 242	0.19																
07181+2405	1	F	CA	A 35344 B 35344	8.632 0.008 10.403 0.042			109.516 510 29 +24.077 490 36 109.516 555 02 +24.077 389 12	6.00 6.00	-5.59 -5.59	-9.99 -9.99	2.26 1.82 1.81 1.92 1.38 13.45 9.09 1.81 1.92 1.38	A 158	0.39																
07184+3049	1	F	CB	A 35372 B 35372	8.465 0.209 9.936 0.812			109.609 366 92 +30.824 401 29 109.609 363 88 +30.824 368 78	3.35 3.35	-4.56 -4.56	-3.69 -3.69	5.97 13.54 1.21 1.29 0.77 21.73 35.95 1.21 1.29 0.77	A 185	0.12																
07184-3645	1	F	CA	C 35386 D 35386	8.664 0.006 9.205 0.010	8.766 0.018	8.600 0.019	109.635 256 91 -36.768 911 52 109.634 705 25 -36.769 629 63	4.70 4.70	-7.57 -7.57	9.83 9.83	1.22 1.45 1.47 1.24 1.79 3.47 3.55 1.47 1.24 1.79	C 211.6	3.035																
07184-5721	1	L	CA	A 35374 D 35374	8.490 0.019 9.197 0.036			109.613 006 95 -57.351 809 34 109.612 883 01 -57.351 859 42	17.11 17.11	9.30 -2.88	-29.15 4.83	2.45 2.41 0.92 1.38 1.53 4.46 5.03 0.92 2.77 3.05	A 233	0.301	+7	-0.011														
07185+2518	1	F	CA	A 35381 B 35381	9.977 0.010 11.778 0.052	11.180 0.088	9.899 0.044	109.628 619 85 +25.299 509 04 109.628 332 86 +25.296 030 42	6.61 6.61	-5.53 -5.53	-8.81 -8.81	2.67 1.84 2.57 3.35 1.93 18.11 12.82 2.57 3.35 1.93	A 184.3	12.56																
07186+6332	1	F	CA	B 35416 C 35416	10.171 0.011 10.785 0.018	10.521 0.033	9.989 0.034	109.677 127 43 +63.524 156 59 109.676 138 98 +63.523 390 73	4.57 4.57	-5.85 -5.85	-26.33 -26.33	3.02 3.50 5.31 5.06 4.01 8.67 7.41 5.31 5.06 4.01	B 209.9	3.18																
07186-2918	1	F	CA	A 35407 B 35407	8.921 0.078 10.628 0.374			109.660 488 76 -29.295 856 43 109.660 437 49 -29.295 843 87	2.06 2.06	-2.96 -2.96	8.38 8.38	5.67 4.51 1.01 0.74 1.02 29.67 20.11 1.01 0.74 1.02	A 286	0.17																
07186-3048	1	F	CA	A 35391 B 35391	7.581 0.004 7.833 0.005	7.370 0.007	7.573 0.009	109.639 200 12 -30.798 798 33 109.640 156 77 -30.798 610 35	2.50 2.50	-2.51 -2.51	4.63 4.63	1.10 1.41 1.53 1.29 1.65 1.78 2.14 1.53 1.29 1.65	A 77.11	3.035																
07187-1617	1	F	CA	A 35417 B 35417	9.320 0.011 11.091 0.055	10.609 0.038	9.288 0.021	109.686 058 65 -16.277 529 45 109.685 815 35 -16.278 302 47	0.75 0.75	0.42 0.42	2.78 2.78	2.15 2.16 2.75 2.08 2.00 14.46 14.68 2.75 2.08 2.00	A 196.8	2.91																
07187-2457	1	F	CA	P A 35415 A 35415	4.887 0.038 5.329 0.057			109.677 048 94 -24.954 392 68 109.677 008 61 -24.954 372 13	1.02 1.02	-1.82 -1.82	3.74 3.74	2.60 2.35 0.71 0.45 0.59 3.55 4.33 0.71 0.45 0.59	P 299	0.151																
07188+0251	1	I	CB	A 35425 B 35423	8.559 0.007 9.929 0.018	9.348 0.018	8.450 0.014	109.711 686 85 +2.858 365 28 109.704 519 33 +2.857 881 36	5.39 6.60	-0.55 -5.75	-9.58 -10.17	2.20 1.36 1.86 1.89 1.41 11.03 7.10 7.85 7.65 5.62	A 266.13	25.83	0.00	+0.01														
07188-6036	1	F	CC	A 35420 B 35420	9.167 0.103 11.649 1.009			109.693 259 78 -60.602 607 60 109.693 262 45 -60.602 650 19	4.64 4.64	-6.26 -6.26	10.14 10.14	7.64 7.90 0.85 0.82 0.96 75.72 67.67 0.85 0.82 0.96	A 178	0.15																
07189+2556	1	F	CA	A 35435 B 35435	8.131 0.006 11.066 0.090			109.728 751 76 +25.941 450 02 109.728 650 46 +25.941 371 58	6.24 6.24	-13.94 -13.94	-35.76 -35.76	2.08 1.60 1.55 1.85 1.07 27.91 23.92 1.55 1.85 1.07	A 229	0.43																



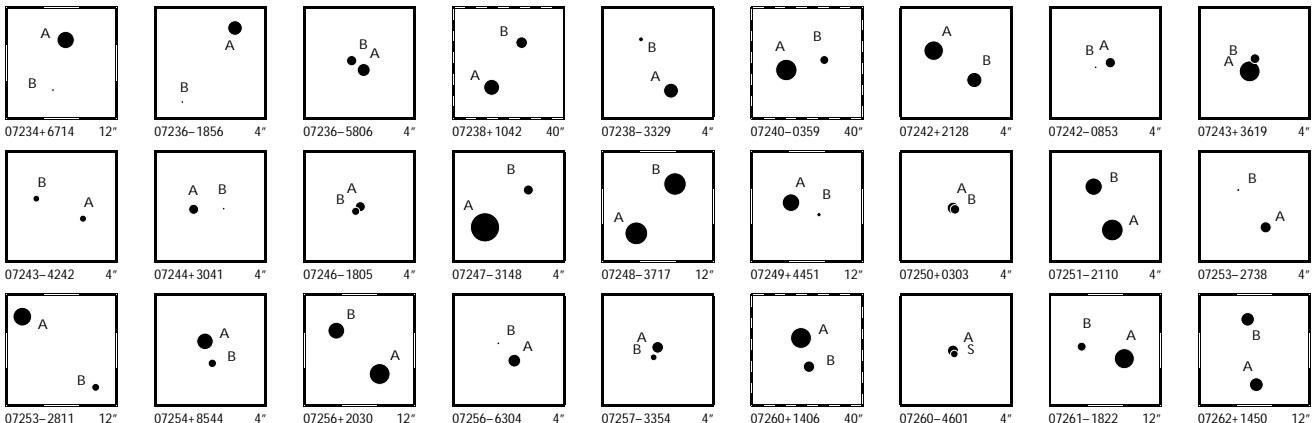
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
07189+5242	1	FND	D	A 35433 B 35433	9.952 0.011 13.615 0.310	11.008 0.052	9.904 0.032	109.726 873 98 +52.703 226 86 109.727 497 31 +52.702 312 24	-2.99 -2.99	2.32 7.16 2.32 7.16	1.81 1.71 2.15 2.06 1.49 98.13 84.53 2.15 2.06 1.49	A 158 3.56														
07190-5232	1	FCA	A	A 35439 B 35439	8.027 0.005 10.811 0.055	8.468 0.012	7.950 0.012	109.745 007 56 -52.539 669 00 109.744 818 61 -52.538 711 58	9.36 9.36	-8.54 -36.40 -8.54 -36.40	0.82 0.83 0.79 0.79 0.97 11.63 10.97 0.79 0.79 0.97	A 353.2 3.47														
07191+6644	1	FND	D	A 35449 B 35449	7.828 0.005 11.822 0.183	8.400 0.008	7.772 0.007	109.785 283 34 +66.740 001 52 109.788 721 80 +66.741 911 26	15.82 15.82	-84.70 -153.50 -84.70 -153.50	0.85 0.90 1.35 0.89 1.07 42.23 47.06 1.35 0.89 1.07	A 35.4 8.44														
07192+2058	1	FCB	A	A 35459 B 35459	8.730 0.008 12.204 0.183			109.801 796 83 +20.960 247 09 109.801 860 49 +20.960 053 76	13.16 13.16	-35.58 -113.25 -35.58 -113.25	1.95 1.48 1.99 1.91 1.29 66.47 56.43 1.99 1.91 1.29	A 163 0.73														
07192+5908	1	FCA	A	A 35457 B 35457	8.347 0.105 8.667 0.141			109.800 453 32 +59.125 720 72 109.800 431 70 +59.125 763 21	11.52 11.52	61.18 -19.20 61.18 -19.20	3.73 8.53 0.92 0.78 0.60 4.47 9.13 0.92 0.78 0.60	A 345 0.158														
07192-1805	1	FCB	A	A 35451 B 35451	9.070 0.017 11.336 0.133	9.078 0.013	9.037 0.017	109.787 220 40 -18.089 826 39 109.790 410 40 -18.087 891 48	-9.83 -9.83	12.02 -25.31 12.02 -25.31	2.49 2.73 2.81 3.08 3.93 27.83 27.24 2.81 3.08 3.93	A 57.5 12.95														
07192-5033	1	FCA	A	A 35454 B 35454	9.399 0.026 10.876 0.099			109.791 370 56 -50.544 461 36 109.791 489 98 -50.544 474 21	6.99 6.99	21.48 -9.34 21.48 -9.34	4.29 2.29 1.01 1.15 1.21 11.81 10.09 1.01 1.15 1.21	A 100 0.28														
07193-1731	1	FCA	A	A 35468 B 35468	6.774 0.003 9.735 0.046			109.826 736 11 -17.524 878 66 109.826 674 12 -17.524 702 68	2.61 2.61	-4.89 5.54 -4.89 5.54	0.76 0.78 1.04 0.86 0.81 12.98 10.20 1.04 0.86 0.81	A 341 0.67														
07193-2203	1	FCA	A	A 35471 B 35471	7.792 0.006 7.896 0.007	7.994 0.018	7.763 0.016	109.833 849 57 -22.049 714 67 109.833 577 41 -22.048 651 20	8.55 8.55	-10.77 -23.91 -10.77 -23.91	1.40 1.32 1.72 1.52 1.35 2.89 2.89 1.72 1.52 1.35	A 346.66 3.935														
07193-2441	1	FND	D	A 35473 B 35473	9.856 0.013 13.589 0.398	9.772 0.040	9.617 0.053	109.836 759 70 -24.687 538 74 109.836 595 88 -24.687 141 25	0.22 0.22	0.38 4.24 0.38 4.24	1.41 1.75 2.23 1.51 1.98 77.20 113.45 2.23 1.51 1.98	A 339 1.53														
07193-7355	1	FCA	A	A 35470 B 35470	9.535 0.009 9.598 0.009			109.830 707 46 -73.919 452 97 109.831 127 06 -73.919 524 00	0.58 0.58	-0.22 18.44 -0.22 18.44	2.51 2.45 1.56 2.04 1.58 2.67 2.69 1.56 2.04 1.58	A 121 0.490														
07194+2201	1	FCA	A	A 35481 B 35481	8.022 0.008 10.624 0.089			109.849 479 71 +22.024 551 90 109.849 673 71 +22.024 615 98	3.70 3.70	-8.20 -3.33 -8.20 -3.33	1.76 1.19 1.69 1.89 1.08 22.69 18.81 1.69 1.89 1.08	A 70 0.69														
07195+2758	1	FCA	A	A 35486 B 35486	10.188 0.043 11.880 0.204	10.901 0.098	10.090 0.075	109.865 719 44 +27.968 371 29 109.866 672 55 +27.968 128 74	0.12 0.12	-5.74 9.06 -5.74 9.06	10.33 7.52 9.69 10.48 7.89 63.25 41.55 9.69 10.48 7.89	A 106 3.15														
07195+4939	1	FCA	A	A 35490 B 35490	8.635 0.012 11.455 0.159	8.796 0.020	8.581 0.022	109.871 219 08 +49.654 290 85 109.868 611 45 +49.656 328 32	7.81 7.81	-10.71 -2.72 -10.71 -2.72	2.29 1.75 2.28 2.58 2.04 45.47 29.74 2.28 2.58 2.04	A 320.4 9.53														
07195+4949	1	FCA	A	A 35496 B 35496	9.543 0.201 10.612 0.538			109.880 949 67 +49.819 270 81 109.880 958 60 +49.819 307 21	3.81 3.81	0.71 -3.11 0.71 -3.11	7.22 13.15 1.29 1.44 1.05 18.33 30.94 1.29 1.44 1.05	A 9 0.13														
07195-2200	1	FND	W	A 35493 B 35493	8.797 0.015 11.202 0.118	8.903 0.013	8.796 0.015	109.875 431 25 -22.004 805 89 109.879 017 32 -22.008 110 87	2.11 2.11	-0.20 0.70 -0.20 0.70	1.37 1.41 1.81 1.42 1.43 28.10 32.08 1.81 1.42 1.43	A 134.8 16.88														
07195-4435	1	FCB	W	A 35488 B 35488	10.780 0.443 11.216 0.661			109.867 749 22 -44.586 504 42 109.867 801 72 -44.586 493 82	1.99 1.99	-5.23 13.08 -5.23 13.08	34.96 27.09 2.38 2.07 2.02 36.09 15.59 2.38 2.07 2.02	A 74 0.14														
07196-0055	1	FCA	A	A 35499 B 35499	8.747 0.006 9.919 0.018	8.487 0.012	8.598 0.016	109.887 933 54 -0.908 352 71 109.887 732 56 -0.908 666 96	0.33 0.33	-1.30 -0.93 -1.30 -0.93	2.26 1.56 2.18 2.03 1.51 10.70 7.07 2.18 2.03 1.51	A 212.6 1.34														
07196-2401	1	LNC	A	A 35503 B 35503	9.475 0.029 9.930 0.044	9.440 0.013	9.580 0.021	109.906 219 57 -24.024 377 53 109.903 473 89 -24.023 447 00	7.73 7.73	7.59 4.35 -21.23 -7.79	2.58 3.03 3.46 2.74 3.56 7.98 9.26 3.46 5.19 6.62	A 290.36 9.63 -0.13 +0.02														
07198+5455	1	ICA	A	A 35514 B 35516	8.116 0.024 8.962 0.042	8.064 0.009	8.032 0.011	109.963 691 43 +54.921 767 15 109.966 979 84 +54.926 797 66	12.08 10.56	-4.74 -30.88 -14.67 -31.99	2.77 2.63 2.72 3.37 2.40 15.58 12.38 6.70 7.97 5.71	A 20.59 19.35 -0.03 0.00														
07199+4043	1	FCA	A	A 35527 B 35527	9.245 0.030 10.910 0.139			109.983 764 94 +40.717 810 25 109.983 733 29 +40.717 748 32	2.53 2.53	4.55 -4.64 4.55 -4.64	3.36 3.50 1.75 2.51 1.30 15.64 13.70 1.75 2.51 1.30	A 201 0.24														
07200+0347	1	FCA	A	A 35538 B 35538	8.300 0.004 9.891 0.016			110.010 904 77 +3.776 826 56 110.011 091 53 +3.776 916 19	0.92 0.92	2.84 -3.57 2.84 -3.57	1.62 0.93 1.59 1.45 0.95 7.11 5.04 1.59 1.45 0.95	A 64 0.74														
07200-0742	1	FCA	A	A 35535 B 35535	9.043 0.009 11.964 0.134			110.003 107 53 -7.699 055 06 110.003 234 56 -7.699 267 06	0.29 0.29	-1.95 0.41 -1.95 0.41	2.57 1.63 2.17 2.89 1.71 47.87 28.38 2.17 2.89 1.71	A 149 0.89														
07200-2425	1	FCA	A	A 35539 B 35539	8.276 0.004 9.122 0.008	8.144 0.007	8.303 0.009	110.011 295 96 -24.415 984 78 110.011 839 50 -24.416 239 71	5.15 5.15	-8.24 2.51 -8.24 2.51	0.88 1.12 1.47 0.96 1.25 2.37 3.52 1.47 0.96 1.25	A 117.3 2.004														
07200-4030	1	FCA	A	A 35532 B 35532	10.056 0.012 12.278 0.088			109.997 436 10 -40.494 900 41 109.997 528 86 -40.495 032 62	1.23 1.23	-3.34 4.57 -3.34 4.57	1.76 2.35 1.85 1.53 2.04 15.32 19.99 1.85 1.53 2.04	A 152 0.54														
07202-4329	1	FCA	A	A 35554 B 35554	8.439 0.005 10.117 0.021			110.045 748 07 -43.491 487 04 110.045 565 96 -43.491 554 58	5.43 5.43	-13.20 7.72 -13.20 7.72	1.14 1.13 1.12 0.94 0.97 5.35 6.32 1.12 0.94 0.97	A 243 0.534														
07203-2920	1	FCA	A	A 35562 B 35562	8.787 0.005 11.251 0.041			110.079 513 01 -29.338 665 99 110.079 465 95 -29.338 832 67	2.93 2.93	-7.26 7.91 -7.26 7.91	0.82 1.10 1.17 0.89 1.29 9.80 9.88 1.17 0.89 1.29	A 194 0.62														



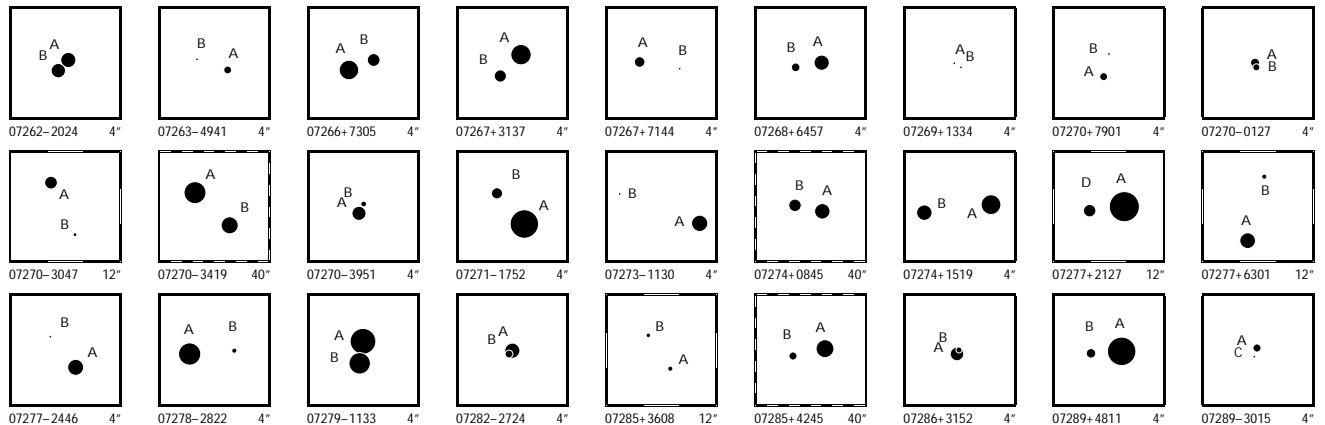
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry											
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt						
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
07204-5219	1	L	C	A 35564 B 35564	6.082 6.729	0.004 0.007	6.470 7.299	0.005 0.006	6.020 6.660	0.004 0.007	110.089 110.091	406 198	61 22	-52.311 -52.309	882 581	28.75 28.75	-35.17 -30.09	147.45 139.97	1.00 3.52	0.96 3.46	0.87 0.87	0.85 1.79	1.00 2.01	A	25.46	9.174	+0.05	-0.005	
07205+0024	1	F	C	A 35576 B 35576	7.483 7.806	0.004 0.005					110.129 110.129	469 501	63 91	+0.403 +0.403	634 450	2.33 2.33	-6.03 -6.03	-6.54 -6.54	2.03 2.59	1.75 2.24	2.02 2.02	2.30 2.30	2.07 2.07	A	170.1	0.671			
07205+6832	1	I	C	A 35574 B 35579	8.259 10.781	0.005 0.047	8.483 10.986	0.007 0.046	8.197 10.332	0.008 0.038	110.127 110.136	516 140	12 01	+68.540 +68.539	034 553	5.02 19.71	-6.85 -7.66	-34.90 -50.17	1.30 16.59	1.54 21.02	1.81 9.96	1.13 11.73	1.77 21.06	A	98.7	11.49	+0.1	0.00	
07205-3655	1	F	N	A 35580 B 35580	9.623 12.583	0.017 0.251	10.552 9.568	0.048	9.568	0.033	110.135 110.135	912 830	29 14	-36.917 -36.917	252 644	2.58 2.58	-6.57 -6.57	-0.31 -0.31	1.65 40.70	1.85 47.13	1.93 1.93	1.66 1.66	1.89 1.89	A	190	1.43			
07206-0136	1	F	C	A 35583 S 35583	8.185 9.978	0.021 0.110					110.148 110.148	259 181	97 03	-1.596 -1.596	008 009	2.72 2.72	-9.09 -9.09	-3.45 -3.45	3.40 14.51	1.48 7.91	1.23 1.23	1.15 1.15	0.79 0.79	A	269	0.28			
07206-5212	1	I	N	D	A 35588 B 35585	6.903 9.310	0.006 0.038	6.861 9.696	0.005 0.035	6.890 9.136	0.006 0.032	110.162 110.149	588 736	40 92	-52.198 -52.197	713 436	5.84 5.49	-7.94 10.73	3.40 -23.65	1.18 10.61	1.13 10.39	1.00 5.72	1.20 6.83	1.42 7.77	A	279.20	28.73	-0.05	-0.02
07207-0825	1	F	C	A 35594 B 35594	8.073 10.643	0.008 0.081					110.179 110.178	094 988	42 79	-8.421 -8.420	021 960	0.28 0.28	1.51 1.51	-1.84 -1.84	2.06 14.77	1.44 10.79	1.47 1.47	1.64 1.64	1.15 1.15	A	300	0.44			
07209-4831	1	F	C	A 35607 B 35607	8.397 9.590	0.006 0.018	8.390 9.561	0.011 0.023	8.374 9.430	0.014 0.028	110.215 110.216	846 577	96 01	-48.514 -48.516	128 082	1.41 1.41	-4.74 -4.74	11.61 11.61	1.17 4.28	1.09 4.34	1.15 1.15	1.34 1.34	1.29 1.29	A	166.10	7.245			
07209-5647	1	L	C	A 35613 B 35613	8.488 9.432	0.006 0.015	8.509 9.440	0.010 0.017	8.511 9.304	0.013 0.021	110.228 110.232	838 990	54 35	-56.780 -56.780	195 857	2.68 2.68	-3.01 8.51	9.45 1.61	1.26 5.26	1.41 4.69	1.13 1.13	1.07 3.93	1.27 3.07	A	106.21	8.527	+0.03	+0.013	
07210+1012	1	F	C	A 35619 B 35619	7.877 10.441	0.004 0.035	7.882 10.642	0.007 0.052	7.844 10.147	0.010 0.056	110.252 110.254	583 929	46 15	+10.195 +10.196	657 618	5.18 5.18	-3.52 -3.52	-16.40 -16.40	1.33 12.70	0.76 6.33	1.29 1.29	1.32 1.32	0.85 0.85	A	67.4	9.00			
07210+1305	1	F	C	A 35620 B 35620	8.417 9.815	0.129 0.466					110.256 110.256	765 738	13 54	+13.079 +13.079	239 218	4.63 4.63	-9.94 -9.94	-16.84 -16.84	6.26 28.12	5.75 22.24	1.03 1.03	0.96 0.96	0.64 0.64	A	231	0.12			
07214+3401	1	F	C	A 35647 B 35647	8.631 9.425	0.009 0.019	8.479 8.413	0.015	8.413	0.018	110.341 110.340	117 768	10 65	+34.026 +34.027	710 104	0.42 0.42	-4.83 -4.83	-12.82 -12.82	2.63 6.72	2.09 4.72	2.35 2.35	3.48 3.48	2.80 2.80	A	323.8	1.76			
07214-4832	1	I	C	A 35648 B 35652	6.810 7.966	0.038 0.089	6.694 7.898	0.005 0.009	6.774 7.876	0.006 0.012	110.342 110.346	376 069	33 14	-48.527 -48.532	115 926	5.02 8.97	-13.20 -40.29	22.25 8.44	1.28 40.50	1.15 34.62	1.04 4.16	1.40 22.98	1.29 25.12	A	157.2	22.70	+0.1	0.00	
07215+2514	1	F	C	A 35666 B 35666 C 35666	9.392 10.923 11.631	0.029 0.075 0.190	9.737 8.509 9.215	0.030	9.215	0.029	110.386 110.387 110.388	991 470 583	89 21 64	+25.231 +25.231 +25.229	842 955 82	4.62 4.62 4.62	-10.67 -10.67 -10.67	-19.70 -19.70 -19.70	2.91 12.66 18.45	2.04 9.81 14.95	3.03 3.03 3.03	3.22 3.22 3.22	1.86 1.86 1.86	A	75.5	1.61			
07217-3526	1	F	C	A 35679 B 35679	8.535 9.964	0.062 0.231					110.432 110.432	096 072	38 33	-35.437 -35.437	065 011	2.39 2.39	-2.23 -2.23	15.75 15.75	3.30 12.54	6.56 17.85	0.95 0.95	0.79 0.79	1.05 1.05	A	340	0.21			
07222+5009	1	I	C	A 35731 B 35726	7.567 7.747	0.033 0.035	7.712 7.984	0.011 0.012	7.513 7.672	0.011 0.012	110.563 110.556	036 804	65 66	+50.148 +50.147	898 800	-4.39 -2.47	-24.75 -26.88	-31.89 -28.22	8.79 8.10	7.22 6.62	5.56 5.32	6.65 6.27	5.06 4.48	A	254.63	14.91	+0.02	0.00	
07222-2412	1	F	C	A 35722 B 35722	9.421 9.909	0.007 0.011	9.557 9.937	0.019 0.028	9.275 9.740	0.023 0.034	110.544 110.543	233 755	10 97	-24.198 -24.200	646 104	0.87 0.87	-4.49 -4.49	-1.33 -1.33	1.52 3.53	2.27 4.74	2.78 2.78	1.63 1.63	2.36 2.36	A	196.62	5.48			
07223+5954	1	F	C	A 35735 B 35735	6.459 10.377	0.003 0.114	6.709 7.650	0.005	6.398	0.004	110.571 110.570	610 691	24 23	+59.901 +59.902	958 320	14.23 14.23	-1.72 -1.72	15.40 15.40	0.67 35.52	0.58 20.71	0.85 0.85	0.68 0.68	0.57 0.57	A	308	2.11			
07223-3555	1	L	C	A 35733 B 35733	7.165 8.172	0.004 0.010	7.650 8.641	0.009	7.061	0.008	110.568 110.567	360 830	86 11	-35.916 -35.918	473 515	17.58 17.58	-45.60 -39.49	96.66 100.33	0.90 3.34	0.98 3.86	0.89 0.99	1.80 1.81	0.99 2.77	A	191.88	7.511	-0.04	-0.005	
07225-6718	1	F	C	A 35753 B 35753	8.981 12.230	0.006 0.107					110.619 110.619	214 422	35 01	-67.297 -67.297	351 605	2.64 2.64	-2.78 -2.78	5.41 5.41	1.11 28.25	1.13 28.75	1.07 1.07	0.93 0.93	1.23 1.23	A	163	0.96			
07226+0114	1	F	C	A 35765 B 35765	9.309 12.563	0.010 0.197	9.302 8.142	0.017	9.215	0.022	110.655 110.655	703 303	71 94	+1.240 +1.241	879 020	-0.10 -0.10	-6.26 -6.26	-3.42 -3.42	1.96 40.47	1.32 22.20	1.97 1.97	1.83 1.83	1.23 1.23	A	289	1.53			
07226+1356	1	F	C	A 35760 B 35760	8.203 11.687	0.009 0.219	9.432 8.142	0.018	8.142	0.011	110.647 110.647	847 646	05 49	+13.938 +13.938	901 616	0.84 0.84	6.99 6.99	-28.93 -28.93	1.71 47.27	1.05 25.48	1.62 1.62	1.64 1.64	1.21 1.21	A	214	1.24			
07227+1417	1	F	C	A 35772 B 35772	9.117 9.256	0.056 0.063					110.687 110.687	355 388	27 11	+14.287 +14.287	723 753	1.68 1.68	-4.67 -4.67	-4.59 -4.59	5.37 5.36	4.74 4.63	1.12 1.12	1.08 1.08	0.83 0.83	A	44	0.164			
07228+5518	1	I	C	A 35785 B 35783	5.784 6.961	0.020 0.039	5.671 6.736	0.005 0.006	5.762 6.796	0.004 0.007	110.716 110.711	927 887	03 04	+55.281 +55.284	469 393	6.96 8.94	-11.23 -13.47	-32.04 -30.22	2.13 12.21	1.72 10.28	1.94 6.46	2.31 8.84	1.59 6.17	A	315.53	14.75	0.00	0.00	
07230+4500	1	I	C	A 35797 B 35799	9.189 11.301	0.019 0.107	9.730 11.696	0.022 0.115	9.114 10.701	0.020 0.075	110.760 110.764	665 298	27 00	+44.995 +45.000	412 233	12.76 34.66	-70.99 -33.85	-19.99 2.86	3.72 56.27	2.44 39.26	3.12 22.11	4.24 67.68	2.73 51.42	A	28.0	19.67	+0.1	+0.04	
07231+4042	1	F	C	A 35811 B 35811	7.874 10.346	0.004 0.041					110.785 110.785	490 415	56 82	+40.699 +40.699	871 984	8.88 8.88	-38.28 -38.28	-9.86 -9.86	1.47 12.86	1.18 8.91	1.37 1.37	1.92 1.92	0.95 0.95	A	333	0.46			
07231-2532	1	F	C	A 35800 C 35800	9.263 11.612	0.044 0.387					110.765 110.765	684 680	81 00	-25.531 -25.531	436 514	2.30 2.30	-1.97 -1.97	2.92 2.92	3.81 31.58	7.19 57.05	1.65 1.65	0.72 0.72	1.52 1.52	A	183	0.28			



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
07234+6714	1	F C C	A 35840 B 35840	8.134 0.006 11.710 0.158	8.730 0.008	8.054 0.007		110.852 700 51 +67.228 101 10 110.853 704 19 +67.226 580 32	3.91 3.91	-14.43 -41.29 -14.43 -41.29	0.95 1.06 1.56 0.86 1.27 32.66 41.16 1.56 0.86 1.27	A 165.7 5.65														
07236-1856	1	F C A	A 35858 B 35858	8.781 0.007 11.960 0.119	8.903 0.013	8.755 0.015		110.893 063 19 -18.925 675 96 110.893 643 30 -18.926 436 69	5.68 5.68	-3.37 -13.78 -3.37 -13.78	1.16 1.22 1.54 1.25 1.52 28.89 27.59 1.54 1.25 1.52	A 144.2 3.38														
07236-5806	1	F C A	A 35863 B 35863	9.103 0.006 9.744 0.011				110.905 533 80 -58.097 204 79 110.905 755 96 -58.097 109 76	2.62 2.62	-8.95 16.07 -8.95 16.07	1.90 1.75 1.57 1.90 1.84 3.99 3.85 1.57 1.90 1.84	A 51 0.544														
07238+1042	1	I C A	A 35876 B 35873	8.448 0.023 9.424 0.047	8.543 0.011 10.596 0.052	8.369 0.013 9.471 0.031		110.951 677 04 +10.701 388 01 110.948 561 50 +10.706 060 06	7.49 23.12	-0.16 -8.37 8.37 -7.58	3.63 2.34 3.29 3.97 2.54 30.28 18.15 8.74 11.00 7.42	A 326.77 20.11 +0.02 0.00														
07238-3329	1	F C A	A 35877 B 35877	8.714 0.004 10.935 0.030	9.270 0.015	8.622 0.013		110.952 674 61 -33.485 342 68 110.953 037 75 -33.484 809 04	13.51 13.51	1.42 -46.57 1.42 -46.57	0.88 0.98 1.14 0.90 1.11 7.78 9.84 1.14 0.90 1.11	A 29.6 2.21														
07240-0359	1	I C A	A 35896 B 35895	7.241 0.007 10.003 0.083	8.914 0.016	7.198 0.008		111.005 360 18 -3.978 874 03 111.001 393 44 -3.977 816 72	1.40 2.01	-4.49 -0.24 -27.79 5.89	2.59 1.48 2.01 2.68 1.65 41.16 26.00 14.72 21.23 14.38	A 285.0 14.75 0.0 +0.02														
07242+2128	1	F C A	A 35909 B 35909	7.693 0.004 8.615 0.010	7.679 0.017	7.633 0.025		111.037 250 85 +21.457 785 67 111.036 800 62 +21.457 484 16	5.12 5.12	4.73 -13.56 4.73 -13.56	1.83 1.27 1.91 2.02 1.22 4.54 3.37 1.91 2.02 1.22	A 234.3 1.858														
07242-0853	1	F C A	A 35916 B 35916	9.746 0.009 11.673 0.050				111.059 421 85 -8.887 615 26 111.059 572 43 -8.887 669 97	0.55 0.55	1.96 -0.37 1.96 -0.37	2.39 1.75 2.31 2.83 2.08 15.39 11.19 2.31 2.83 2.08	A 110 0.57														
07243+3619	1	F C A	A 35919 B 35919	7.362 0.004 9.832 0.032				111.071 557 88 +36.311 002 92 111.071 498 07 +36.311 131 66	8.01 8.01	19.51 -36.54 19.51 -36.54	1.24 0.94 1.18 1.33 0.68 11.11 7.45 1.18 1.33 0.68	A 339 0.49														
07243-4242	1	F C A	A 35924 B 35924	10.461 0.006 10.491 0.006	10.260 0.042 10.372 0.058	9.673 0.042 9.685 0.044		111.075 718 48 -42.706 351 66 111.076 369 37 -42.706 146 05	10.18 10.18	-37.64 44.17 -37.64 44.17	2.62 2.17 2.47 2.70 2.27 3.74 3.75 2.47 2.70 2.27	A 66.7 1.874														
07244+3041	1	F C A	A 35931 B 35931	9.752 0.009 12.616 0.118	10.247 0.047	9.616 0.043		111.104 985 32 +30.682 808 93 111.104 637 98 +30.682 817 56	3.67 3.67	-2.63 -34.33 -2.63 -34.33	2.78 1.82 2.85 2.66 1.64 46.11 31.90 2.85 2.66 1.64	A 272 1.08														
07246-1805	1	F C A	A 35944 B 35944	9.753 0.063 10.197 0.094				111.145 707 37 -18.080 070 12 111.145 763 84 -18.080 115 47	3.99 3.99	-3.73 -3.05 -3.73 -3.05	7.43 6.01 1.56 1.48 1.62 12.09 9.91 1.56 1.48 1.62	A 130 0.25														
07247-3148	1	F C C	A 35957 B 35957	5.522 0.004 9.752 0.186	6.714 0.004	5.458 0.003		111.182 784 16 -31.808 926 21 111.182 261 82 -31.808 539 16	5.91 5.91	-21.37 8.73 -21.37 8.73	0.53 0.60 0.70 0.53 0.64 36.71 51.42 0.70 0.53 0.64	A 311 2.12														
07248-3717	1	F N B P	A 35960 B 35960	6.943 0.007 6.994 0.007	7.163 0.007 7.179 0.009	6.865 0.007 6.906 0.010		111.197 350 96 -37.291 260 75 111.195 881 74 -37.289 748 98	4.70 4.70	-13.16 27.81 -13.16 27.81	0.82 0.95 0.88 0.72 0.99 1.50 1.89 0.88 0.72 0.99	A 322.29 6.879														
07249+4451	1	F C A	A 35978 B 35978	8.075 0.005 11.061 0.069	9.385 0.016	8.017 0.009		111.217 580 42 +44.851 981 25 111.216 402 28 +44.851 595 87	4.98 4.98	-7.00 -29.02 -7.00 -29.02	1.60 0.84 1.57 1.84 1.02 27.85 16.89 1.57 1.84 1.02	A 245.2 3.31														
07250+0303	1	F C B	A 35991 B 35991	9.405 0.376 9.871 0.578				111.252 147 33 +3.045 706 34 111.252 124 73 +3.045 685 49	1.17 1.17	2.65 5.86 2.65 5.86	16.42 14.69 1.22 1.52 0.84 23.33 19.31 1.22 1.52 0.84	A 227 0.11														
07251-2110	1	F C A	A 35997 B 35997	7.209 0.005 8.134 0.012	7.172 0.019	7.110 0.018		111.283 199 54 -21.173 863 66 111.283 406 15 -21.173 417 35	0.22 0.22	-1.57 4.25 -1.57 4.25	0.96 1.09 1.35 1.07 1.14 3.51 3.57 1.35 1.07 1.14	A 23.3 1.750														
07253-2738	1	F C A	A 36013 B 36013	9.532 0.009 11.350 0.043	9.319 0.012	9.443 0.018		111.325 043 01 -27.631 196 99 111.325 356 23 -27.630 816 33	0.82 0.82	-3.84 6.84 -3.84 6.84	1.24 1.68 2.20 1.42 2.03 8.46 11.63 2.20 1.42 2.03	A 36.1 1.70														
07253-2811	1	F C A	A 36009 B 36009	7.839 0.004 10.279 0.035	7.675 0.006 10.152 0.027	7.830 0.009 10.299 0.051		111.318 240 91 -28.186 917 50 111.315 685 24 -28.189 071 91	1.82 1.82	-4.72 2.27 -4.72 2.27	0.67 0.87 1.05 0.73 1.03 7.10 9.66 1.05 0.73 1.03	A 226.28 11.22														
07254+8544	1	F C A	A 36022 B 36022	8.336 0.004 10.132 0.020				111.354 865 44 +85.738 992 65 111.353 871 01 +85.738 768 59	12.57 12.57	4.96 -84.71 4.96 -84.71	0.87 1.00 0.98 0.88 1.21 6.41 6.22 0.98 0.88 1.21	A 198.3 0.85														
07256+2030	1	F C A	A 36035 B 36035	7.403 0.005 8.271 0.010	7.653 0.012 8.529 0.017	7.329 0.011 8.122 0.018		111.397 066 38 +20.495 197 78 111.398 483 25 +20.496 513 11	7.99 7.99	-1.74 -23.82 -1.74 -23.82	1.78 1.22 1.72 1.82 1.12 4.84 3.42 1.72 1.82 1.12	A 45.26 6.727														
07256-6304	1	F N D D	A 36036 B 36036	9.166 0.008 13.324 0.341				111.398 710 75 -63.060 403 69 111.399 073 59 -63.060 232 79	1.16 1.16	-2.70 -1.87 -2.70 -1.87	1.39 1.25 1.23 1.48 1.19 100.21 95.07 1.23 1.48 1.19	A 44 0.85														
07257-3354	1	F C A	A 36047 B 36047	9.410 0.014 10.498 0.038				111.435 349 92 -33.903 566 30 111.435 406 72 -33.903 664 70	2.62 2.62	-27.01 17.22 -27.01 17.22	1.91 2.32 1.86 1.43 1.88 7.00 7.39 1.86 1.43 1.88	A 154 0.39														
07260+1406	1	I C A	A 36078 B 36077	7.381 0.003 9.469 0.018	7.276 0.006 9.430 0.020	7.375 0.008 9.371 0.026		111.510 101 25 +14.102 963 68 111.509 237 18 +14.099 999 69	1.20 -1.66	-8.72 -7.39 -20.27 -8.36	1.67 0.99 1.44 1.47 0.95 11.74 6.73 8.10 9.14 5.52	A 195.79 11.09 +0.06 0.00														
07260-4601	1	F C A	A 36076 S 36076	9.535 0.233 10.296 0.470				111.504 044 01 -46.013 960 32 111.504 022 09 -46.013 995 41	2.95 2.95	3.97 5.48 3.97 5.48	6.53 15.29 0.88 0.91 1.13 14.92 25.37 0.88 0.91 1.13	A 203 0.14														
07261-1822	1	F C A	A 36079 B 36079	7.575 0.005 10.027 0.043	7.586 0.007 10.039 0.038	7.543 0.008 9.636 0.039		111.512 938 09 -18.362 956 28 111.514 332 29 -18.362 589 73	4.79 4.79	-4.04 -5.13 -4.04 -5.13	0.91 0.88 1.16 0.88 1.05 10.44 9.75 1.16 0.88 1.05	A 74.5 4.94														
07262+1450	1	F C A	A 36099 B 36099	8.926 0.007 8.988 0.007	9.031 0.022 9.114 0.028	8.870 0.027 8.964 0.034		111.549 893 35 +14.840 348 98 111.550 155 74 +14.842 338 69	5.43 5.43	-12.72 0.11 -12.72 0.11	2.79 1.60 2.50 2.24 1.47 3.41 1.90 2.50 2.24 1.47	A 7.26 7.221														

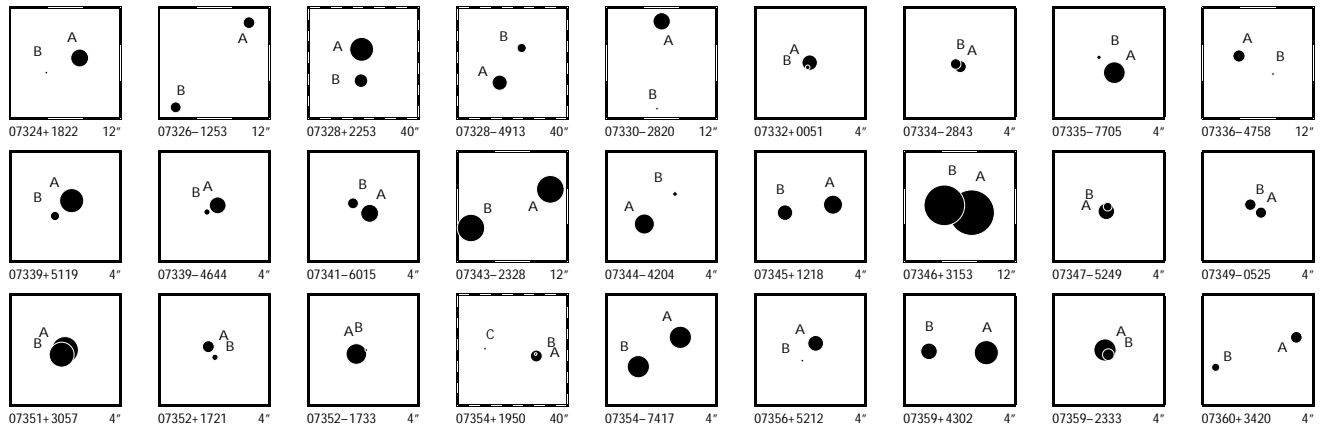


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
07262-2024	1	F CA	A 36098 B 36098	8.612 0.009 8.848 0.011							111.548 489 18 111.548 593 47	-20.402 680 08 -20.402 784 39	5.06 5.06	-4.92 -4.92	4.03 4.03	1.92 2.18 2.11 3.15 3.38 2.11	2.06 2.63 2.06 2.63					A	136.9	0.515		
07263-4941	1	F CA	A 36108 B 36108	10.253 0.012 11.420 0.033			10.745 0.045	10.120 0.040			111.573 766 03 111.574 258 87	-49.680 741 01 -49.680 633 41	8.50 8.50	-16.56 -16.56	0.58 0.58	1.89 2.06 1.87 10.74 9.16 1.87	1.94 2.32 1.94 2.32				A	71.4	1.21			
07266+7305	1	F CA	A 36132 B 36132	7.666 0.005 9.200 0.018							111.646 281 60 111.645 418 13	+73.082 635 47 +73.082 736 89	8.84 8.84	19.77 19.77	15.95 15.95	0.80 0.83 1.16 4.56 4.36 1.16	0.74 0.96 0.74 0.96				A	292.0	0.975			
07267+3137	1	F CA	A 36139 B 36139	7.483 0.007 9.272 0.038			8.373 0.017	7.296 0.012			111.665 065 00 111.665 315 68	+31.620 060 61 +31.619 837 43	4.80 4.80	-22.82 -22.82	-25.36 -25.36	1.79 1.18 1.61 18.02 6.59 1.61	2.02 1.10 2.02 1.10				A	136	1.11			
07267+7144	1	F CA	A 36144 B 36144	9.675 0.013 11.711 0.082			11.649 0.065	9.719 0.019			111.677 612 37 111.676 286 57	+71.729 705 08 +71.729 637 38	2.38 2.38	1.91 1.91	-2.16 -2.16	1.64 1.82 2.52 12.75 16.10 2.52	1.65 2.08 1.65 2.08				A	261	1.52			
07268+6457	1	F CA	A 36149 B 36149	8.613 0.006 10.099 0.022							111.693 128 46 111.693 754 21	+64.946 825 23 +64.946 771 40	4.02 4.02	-6.38 -6.38	7.76 7.76	1.40 1.33 1.91 6.99 6.78 1.91	1.35 1.70 1.35 1.70				A	101.5	0.97			
07269+1334	1	F CB	A 36153 B 36153	12.490 0.096 13.022 0.157							111.724 707 28 111.724 643 25	+13.572 495 26 +13.572 450 46	1.97 1.97	-17.94 -17.94	-8.12 -8.12	14.70 10.12 5.11 48.01 34.15 5.11	4.72 2.49 4.72 2.49				A	234	0.28			
07270+7901	1	F CA	A 36166 B 36166	10.238 0.008 11.780 0.032							111.747 691 55 111.747 733 91	+79.011 308 40 +79.011 546 64	6.00 6.00	4.86 4.86	-9.59 -9.59	1.82 1.91 2.21 10.11 9.20 2.21	1.88 2.08 1.88 2.08				A	346	0.88			
07270-0127	1	F CA	A 36162 B 36162	10.028 0.169 10.440 0.247							111.743 246 22 111.743 235 98	-1.451 794 56 -1.451 839 38	2.40 2.40	-1.42 -1.42	3.34 3.34	6.35 14.23 1.75 11.24 16.91 1.75	1.69 1.20 1.69 1.20				A	193	0.17			
07270-3047	1	F CA	A 36164 B 36164	9.167 0.006 11.141 0.038			9.234 0.012	9.112 0.015			111.744 894 70 111.744 018 50	-30.771 698 27 -30.773 316 26	-1.42 -1.42	-1.37 -1.37	0.86 0.86	1.10 1.39 1.58 9.62 12.85 1.58	1.15 1.42 1.15 1.42				A	205.0	6.42			
07270-3419	1	I CA	A 36165 B 36160	7.138 0.020 8.247 0.047			7.573 0.007	7.066 0.006			111.745 371 48 111.741 045 76	-34.312 421 19 -34.315 748 64	25.21 26.12	-293.29 -313.45	104.79 97.50	1.81 2.10 1.95 9.84 11.81 5.82	1.75 2.50 1.75 2.50				A	227.04	17.58	+0.03	+0.02	
07270-3951	1	F CA	A 36177 B 36177	8.879 0.011 10.710 0.061							111.761 388 26 111.761 317 89	-39.846 927 83 -39.846 834 95	3.35 3.35	-1.32 -1.32	-11.64 -11.64	1.95 2.04 1.50 12.54 10.84 1.50	1.27 1.31 1.27 1.31				A	330	0.39			
07271-1752	1	F CB	A 36186 B 36186	5.720 0.005 9.514 0.152			5.993 0.004	5.653 0.004			111.783 298 32 111.783 592 64	-17.864 865 11 -17.864 550 74	11.63 11.63	-3.27 -3.27	1.56 1.56	0.73 0.66 0.95 32.71 24.79 0.95	0.77 0.75 0.77 0.75				A	42	1.52			
07273-1130	1	F CB	A 36203 B 36203	8.395 0.007 11.600 0.135			8.391 0.009	8.396 0.012			111.836 877 22 111.837 713 57	-11.491 891 69 -11.491 590 10	-3.66 -3.66	-4.73 -4.73	-5.67 -5.67	1.78 1.70 2.34 47.75 37.53 2.34	1.81 1.68 1.81 1.68				A	70	3.14			
07274+0845	1	F CA	A 36205 B 36205	8.594 0.008 9.233 0.014			8.753 0.021	8.568 0.024			111.844 776 05 111.847 601 74	+8.753 882 78 +8.754 497 16	5.09 5.09	8.73 8.73	6.19 6.19	2.35 1.42 2.39 5.67 3.81 2.39	2.16 1.26 2.16 1.26				A	77.59	10.29			
07274+1519	1	F CA	A 36212 B 36212	7.597 0.004 8.577 0.009			7.483 0.019	7.495 0.019			111.858 160 03 111.858 873 80	+15.316 428 16 +15.316 346 15	1.62 1.62	-5.02 -5.02	-10.66 -10.66	1.30 0.78 1.29 3.42 1.90 1.29	1.17 0.79 1.17 0.79				A	96.79	2.496			
07277+2127	1	F NC	A 36238 D 36238	5.366 0.010 9.254 0.354			5.765 0.003	5.290 0.004			111.934 976 85 111.936 119 70	+21.445 548 56 +21.445 409 33	29.38 29.38	-49.56 -49.56	-123.90 -123.90	1.39 0.92 1.39 64.87 47.58 1.39	1.29 0.78 1.29 0.78				A	97	3.86			
07277+6301	1	F CA	A 36237 B 36237	8.548 0.008 10.877 0.070			9.621 0.017	8.501 0.012			111.933 701 70 111.932 572 55	+62.995 850 24 +62.997 830 97	2.72 2.72	5.34 5.34	-13.33 -13.33	1.37 1.15 1.67 13.21 13.01 1.67	1.47 1.48 1.47 1.48				A	345.5	7.37			
07277-2446	1	F CC	A 36239 B 36239	8.445 0.010 12.204 0.298			9.430 0.013	8.393 0.009			111.937 331 59 111.937 622 40	-24.774 050 77 -24.773 731 59	2.85 2.85	-6.94 -6.94	11.19 11.19	1.18 1.65 2.06 42.85 76.74 2.06	1.49 1.94 1.49 1.94				A	40	1.49			
07278-2822	1	F CA	A 36246 B 36246	7.079 0.003 10.853 0.093			6.937 0.004	7.078 0.005			111.955 927 55 111.955 401 53	-28.371 212 32 -28.371 182 76	4.36 4.36	-15.17 -15.17	2.45 2.45	0.53 0.68 0.83 16.04 24.33 0.83	0.60 0.76 0.60 0.76				A	274	1.67			
07279-1133	1	F CA	A 36251 B 36251	6.304 0.005 7.235 0.010							111.965 260 84 111.965 303 11	-11.556 861 68 -11.557 079 68	3.23 3.23	-2.13 -2.13	-2.31 -2.31	0.98 0.90 1.39 2.51 2.26 1.39	0.99 0.89 0.99 0.89				A	169.2	0.799			
07282-2724	1	F CB	A 36293 B 36293	8.635 0.148 10.263 0.664							112.051 393 51 112.051 428 89	-27.399 673 10 -27.399 698 22	0.96 0.96	-3.85 -3.85	3.19 3.19	7.71 5.52 1.12 38.25 38.35 1.12	0.73 0.90 0.73 0.90				A	129	0.14			
07285+3608	1	F CA	A 36313 B 36313	10.853 0.013 10.987 0.014			11.447 0.127	10.920 0.130			112.126 571 73 112.127 422 57	+36.125 197 01 +36.126 236 92	-3.86 -3.86	-9.28 -9.28	-5.46 -5.46	7.00 4.35 6.35 9.99 8.08 6.35	9.17 3.30 9.17 3.30				A	33.5	4.49			
07285+4245	1	I CA	A 36315 B 36317	8.059 0.009 10.193 0.051			9.348 0.020	7.994 0.012			112.130 578 57 112.135 081 34	+42.752 559 07 +42.751 779 10	4.50 13.46	-19.77 -7.63	-25.97 -17.61	2.76 2.06 2.33 22.74 16.19 14.56	3.89 1.74 22.90 10.37				A	103.3	12.23	-0.1	+0.01	
07286+3152	1	F CA	A 36322 B 36322	9.000 0.090 10.679 0.422							112.149 239 49 112.149 213 60	+31.863 919 65 +31.863 963 66	3.71 3.71	-9.60 -9.60	-17.06 -17.06	5.27 6.41 1.56 26.28 33.77 1.56	1.90 0.98 1.90 0.98				A	333	0.18			
07289+4811	1	F CB	A 36348 B 36348	5.701 0.002 9.870 0.100			5.585 0.003	5.693 0.004			112.214 521 04 112.214 985 27	+48.184 037 58 +48.184 018 04	7.95 7.95	-3.18 -3.18	-44.36 -44.36	0.78 0.67 0.88 32.44 24.34 0.88	0.90 0.67 0.90 0.67				A	94	1.12			
07289-3015	1	F ND	A 36349 C 36349	10.229 0.065 12.095 0.362							112.214 413 65 112.214 440 16	-30.246 498 13 -30.246 582 76	64.24 64.24	-130.94 -130.94	-131.42 -131.42	2.39 4.35 2.68 26.24 44.77 2.68	2.02 2.53 2.02 2.53				A	165	0.32			

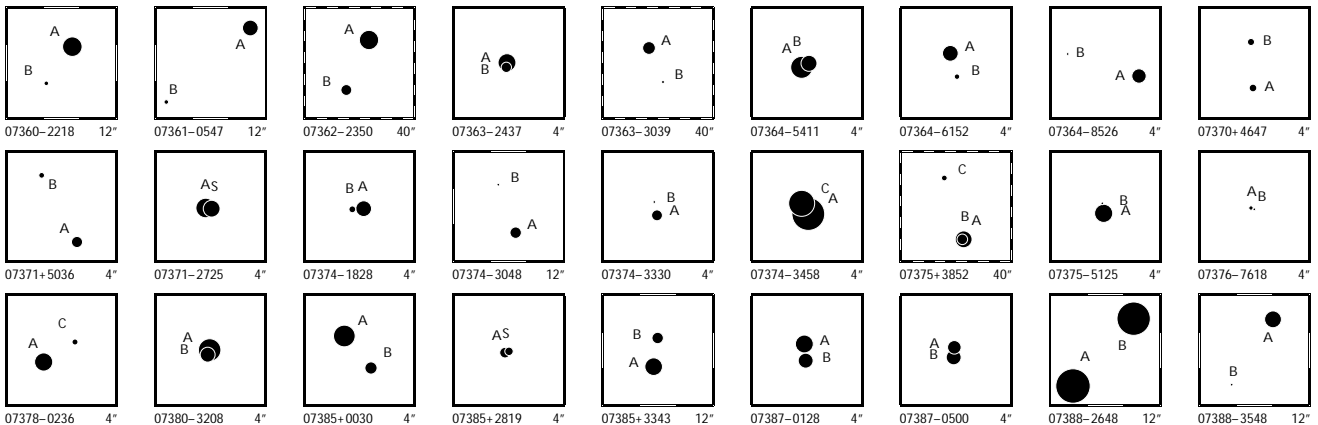


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry												
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt						
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
07289-3151	1	F CA	A	A 36345	6.339	0.004	6.165	0.004	6.351	0.004	112.213	165	05	-31.848	411	56	5.60	-11.55	4.40	0.68	0.84	0.92	0.73	0.91	A	53.50	8.919		
				B 36345	7.068	0.008	6.886	0.004	7.057	0.006	112.215	509	52	-31.846	937	72	5.60	-11.55	4.40	1.98	3.32	0.92	0.73	0.91					
07291-1853	1	F CA	A	A 36364	7.139	0.003	8.538	0.009	7.069	0.005	112.274	113	39	-18.875	219	56	2.48	-5.19	2.23	0.71	0.73	0.97	0.71	0.92	A	174	1.19		
				B 36364	10.877	0.103					112.274	149	62	-18.875	548	14	2.48	-5.19	2.23	21.58	29.07	0.97	0.71	0.92					
07293+0323	1	FND D	A	A 36384	7.729	0.005	7.909	0.008	7.675	0.007	112.324	631	89	+3.380	339	02	8.66	-8.76	-10.35	1.29	0.79	1.27	1.27	0.72	A	228.4	3.66		
				B 36384	11.341	0.121					112.323	869	25	+3.379	663	91	8.66	-8.76	-10.35	45.92	21.64	1.27	1.27	0.72					
07294+4717	1	F CA	A	A 36401	8.326	0.008	9.245	0.016	8.219	0.009	112.358	916	34	+47.290	197	81	4.48	-16.46	-32.13	1.65	1.33	1.79	1.79	1.41	A	245.5	1.40		
				B 36401	9.849	0.032	9.955	0.081	9.469	0.160	112.358	396	11	+47.290	037	16	4.48	-16.46	-32.13	8.76	6.74	1.79	1.79	1.41					
07294-1500	1	L CA	A	A 36395	6.444	0.002	6.828	0.005	6.367	0.004	112.341	569	03	-14.998	094	55	29.31	-187.77	-231.28	0.74	0.66	0.92	0.77	0.71	A	19.8	1.959	+0.6	-0.005
				B 36395	7.716	0.007	8.047	0.011	7.447	0.009	112.341	759	99	-14.997	582	52	29.31	-170.87	-243.15	3.41	2.35	0.92	2.60	1.95					
07294-2355	1	F CA	A	A 36398	8.757	0.007					112.346	034	34	-23.923	424	09	2.01	-1.52	-0.44	1.59	1.38	1.42	1.48	1.61	A	115	0.56		
				B 36398	11.492	0.077					112.346	187	65	-23.923	490	54	2.01	-1.52	-0.44	18.24	19.82	1.42	1.48	1.61					
07295+0640	1	F CC	A	A 36417	8.960	0.292					112.385	310	59	+6.661	293	14	-0.27	4.73	-1.13	9.86	13.25	1.30	1.17	0.76	A	210	0.12		
				B 36417	10.169	0.890					112.385	293	73	+6.661	264	71	-0.27	4.73	-1.13	32.57	44.55	1.30	1.17	0.76					
07298+3710	1	F CB	A	A 36424	8.765	0.195					112.440	851	38	+37.161	521	70	9.37	-7.62	0.03	27.17	12.29	1.40	1.59	0.83	A	274	0.26		
				B 36424	9.334	0.329					112.440	762	76	+37.161	527	17	9.37	-7.62	0.03	42.32	22.41	1.40	1.59	0.83					
07299-1359	1	F CC	A	A 36437	7.207	0.003					112.476	260	93	-13.989	404	41	2.04	-3.72	1.78	0.77	0.72	1.02	0.77	0.69	A	6	0.63		
				B 36437	11.265	0.117					112.476	278	49	-13.989	229	65	2.04	-3.72	1.78	35.29	30.14	1.02	0.77	0.69					
07300-3840	1	F CA	A	A 36442	8.954	0.006	10.085	0.036	8.876	0.021	112.492	899	13	-38.667	046	50	1.65	-1.35	-15.87	1.04	1.16	1.20	1.01	1.22	A	304.1	1.33		
				B 36442	11.210	0.045					112.492	506	26	-38.666	839	10	1.65	-1.35	-15.87	11.51	10.61	1.20	1.01	1.22					
07301-0831	1	F CA	A	A 36456	7.891	0.004					112.520	902	39	-8.517	989	09	7.36	-1.26	-29.56	1.30	1.01	1.13	1.23	0.80	A	166	0.41		
				B 36456	10.539	0.042					112.520	931	03	-8.518	098	82	7.36	-1.26	-29.56	16.38	9.73	1.13	1.23	0.80					
07303+4959	1	F CA	A	A 36470	8.917	0.006					112.568	870	51	+49.978	547	93	10.93	-5.74	-47.76	4.77	2.85	4.39	4.89	3.76	A	192.1	0.873		
				B 36470	9.030	0.006					112.568	791	58	+49.978	310	91	10.93	-5.74	-47.76	5.20	3.05	4.39	4.89	3.76					
07304+1352	1	F CA	A	A 36485	7.413	0.004	7.831	0.009	7.352	0.010	112.609	382	17	+13.865	007	84	20.92	-43.00	-21.23	1.19	0.73	1.21	1.18	0.69	A	46.0	7.69		
				B 36485	9.578	0.027	10.152	0.037	9.209	0.028	112.610	964	29	+13.866	490	32	20.92	-43.00	-21.23	8.35	5.26	1.21	1.18	0.69					
07306+0515	1	L CA	A	A 36499	7.136	0.003	7.092	0.014	7.113	0.016	112.640	035	10	+5.254	660	63	4.27	-9.29	-8.31	1.20	0.76	1.05	0.92	0.60	A	244.67	4.225	+0.05	-0.008
				B 36499	8.821	0.011	8.884	0.014	8.639	0.016	112.638	969	75	+5.254	158	52	4.27	-3.71	-1.50	5.19	3.44	1.05	3.03	2.02					
07308-2806	1	F CA	A	A 36520	8.185	0.005					112.692	593	01	-28.096	971	45	5.60	-2.04	-7.16	1.22	1.38	1.57	1.30	1.63	A	58.2	0.553		
				B 36520	8.857	0.009					112.692	741	07	-28.096	890	50	5.60	-2.04	-7.16	2.89	3.40	1.57	1.30	1.63					
07309+4027	1	F CA	A	A 36533	9.002	0.036					112.734	712	27	+40.442	912	66	2.77	18.76	-13.70	6.18	6.27	1.86	2.66	1.41	A	228	0.32		
				B 36533	10.059	0.094					112.734	624	69	+40.442	853	38	2.77	18.76	-13.70	15.22	16.35	1.86	2.66	1.41					
07310+3034	1	F CA	A	A 36530	9.237	0.012					112.728	763	15	+30.573	955	28	2.33	-4.54	-10.29	2.51	2.34	2.20	2.52	1.89	A	352	0.382		
				B 36530	9.579	0.016					112.728	746	03	+30.574	060	47	2.33	-4.54	-10.29	4.08	3.43	2.20	2.52	1.89					
07310-0210	1	F CA	A	A 36541	7.257	0.004	8.191	0.015	7.131	0.008	112.746	295	85	-2.164	876	02	2.74	-7.19	-4.97	1.53	0.92	1.49	1.62	0.99	A	359	1.33		
				B 36541	9.409	0.032					112.746	292	24	-2.164	505	25	2.74	-7.19	-4.97	11.57	11.81	1.49	1.62	0.99					
07311-3714	1	F CA	A	A 36546	12.147	0.032					112.767	009	72	-37.228	888	24	32.10	54.44	-241.31	7.95	8.00	8.94	9.70	7.92	A	33	1.41		
				B 36546	12.382	0.039					112.767	276	44	-37.228	557	76	32.10	54.44	-241.31	27.08	29.00	8.94	9.70	7.92					
07312-6258	1	F CA	A	A 36558	12.090	0.027					112.806	335	78	-62.972	443	08	-0.47	-25.87	8.98	12.07	7.25	7.14	13.29	7.92	A	284	0.65		
				B 36558	12.872	0.052					112.805	948	50	-62.972	400	27	-0.47	-25.87	8.98	37.12	25.94	7.14	13.29	7.92					
07314+7114	1	F CB	A	A 36575	10.155	0.204					112.849	852	21	+71.236	091	73	3.87	9.34	4.47	11.57	7.88	1.51	0.97	1.22	A	103	0.15		
				B 36575	11.090	0.484					112.849	976	98	+71.236	082	57	3.87	9.34	4.47	38.57	20.54	1.51	0.97	1.22					
07316+6230	1	F CC	A	A 36595	7.039	0.004	7.086	0.005	7.001	0.006	112.900	517	45	+62.501	893	95	6.47	-11.34	-25.71	0.95	0.77	1.12	1.05	1.00	A	288.9	10.01		
				B 36595	11.034	0.162	11.384	0.093	10.720	0.076	112.894	819	65	+62.502	793	49	6.47	-11.34	-25.71	64.42	38.93	1.12	1.05	1.00					
07317-3553	1	F CA	P	A 36608	6.640	0.004					112.927	943	06	-35.887	823	81	3.69	-4.98	4.15	0.66	0.69	0.68	0.56	0.61	B	122	0.52		
				B 36608	9.977	0.073					112.928	095	30	-35.887	899	50	3.69	-4.98	4.15	11.97									

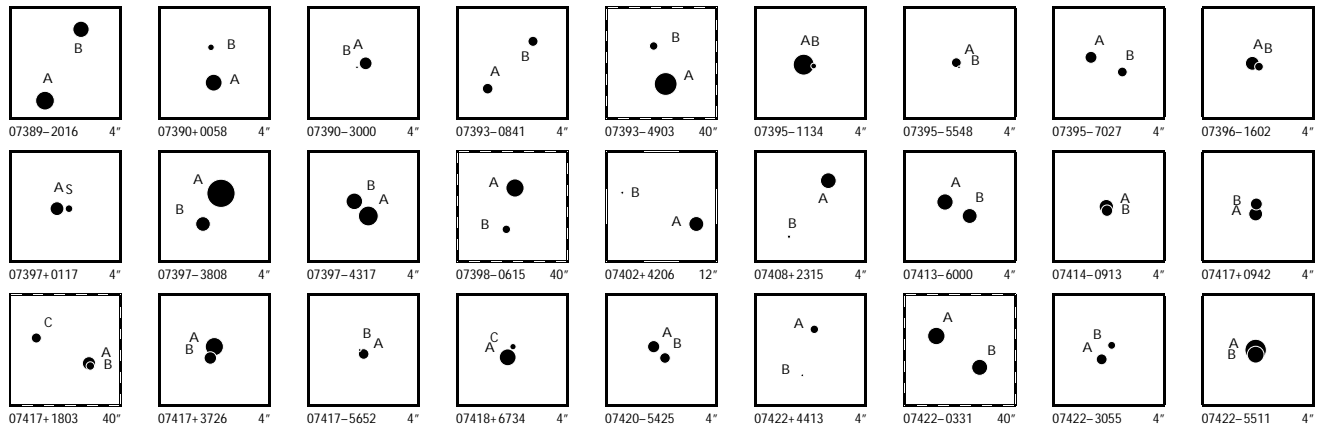
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
07324+1822	1	F C B	A 36660 B 36660	8.045 0.003 11.826 0.093	8.429 0.010	7.985 0.011	113.112 460 73	+18.366 329 31	7.74	-5.59	-25.90	1.40	0.86	1.41	1.40	0.82	48.31	33.14	1.41	1.40	0.82	A	113.3	4.03		
07326-1253	1	F C A	A 36662 B 36662	9.438 0.009 9.576 0.010	9.421 0.025	9.370 0.032	113.139 781 02	-12.876 853 35	5.17	-1.82	-4.83	2.21	2.25	3.84	3.00	2.57	5.30	4.51	3.84	3.00	2.57	A	139.14	12.446		
07328+2253	1	I C A	A 36690 B 36691	6.692 0.004 8.995 0.030	7.750 0.007	6.618 0.004	113.210 999 51	+22.887 644 36	6.88	-20.77	-15.73	1.65	0.93	1.36	1.61	0.99	14.63	8.25	5.98	13.71	6.37	A	178.6	11.62	+0.1	+0.01
07328-4913	1	I C A	A 36681 B 36678	8.653 0.010 9.960 0.026	8.612 0.011	8.635 0.015	113.190 957 12	-49.212 018 91	2.50	-4.01	6.76	1.95	1.73	1.54	2.18	1.67	8.85	8.25	5.66	7.69	6.30	A	328.74	15.23	-0.01	0.00
07330-2820	1	F N D	A 36706 B 36706	8.163 0.009 12.340 0.406	8.112 0.007	8.150 0.008	113.257 692 30	-28.325 817 70	0.52	-1.78	4.25	0.99	1.24	1.46	1.02	1.52	70.82	105.71	1.46	1.02	1.52	A	176.9	9.77		
07332+0051	1	F C B	A 36724 B 36724	8.553 0.054 11.008 0.516	113.298 801 35	+0.854 982 41	113.298 827 41	+0.854 934 35	2.00	-5.04	0.02	9.08	7.00	2.01	1.97	1.16	55.24	42.25	2.01	1.97	1.16	A	152	0.20		
07334-2843	1	F C A	A 36738 B 36738	9.332 0.079 9.667 0.108	113.350 342 05	-28.710 471 95	113.350 391 86	-28.710 449 78	2.05	-2.53	5.72	6.36	4.87	1.03	0.77	1.04	7.82	6.23	1.03	0.77	1.04	A	63	0.18		
07335-7705	1	F C C	A 36744 B 36744	7.216 0.004 11.030 0.121	113.363 029 03	-77.082 915 53	113.363 719 25	-77.082 756 29	4.36	-5.34	22.15	0.78	0.71	0.71	0.83	0.75	30.20	33.61	0.71	0.83	0.75	A	44	0.80		
07336-4758	1	F C B	A 36763 B 36763	9.316 0.008 12.412 0.133	10.041 0.024	9.203 0.018	113.411 758 31	-47.973 963 21	16.64	47.99	-105.45	1.35	1.21	1.27	1.57	1.24	28.39	30.82	1.27	1.57	1.24	A	243.0	4.22		
07339+5119	1	F C A	A 36779 B 36779	6.639 0.003 9.937 0.066	113.464 698 59	+51.314 201 47	113.464 956 37	+51.314 048 62	3.73	-11.48	-22.56	0.91	0.74	1.01	1.06	0.89	21.08	14.41	1.01	1.06	0.89	A	133	0.80		
07339-4644	1	F C A	A 36781 B 36781	8.267 0.005 10.621 0.044	113.470 344 69	-46.738 144 17	113.470 503 84	-46.738 203 90	4.47	-10.85	-9.53	1.24	1.04	0.90	1.02	0.81	9.67	10.03	0.90	1.02	0.81	A	119	0.45		
07341-6015	1	F C A	A 36801 B 36801	8.017 0.004 9.587 0.014	113.529 881 98	-60.243 536 38	113.530 236 94	-60.243 432 87	7.70	-12.69	39.13	0.94	0.81	0.84	0.92	0.83	4.16	4.00	0.84	0.92	0.83	A	59.6	0.736		
07343-2328	1	L N B	A 36817 B 36817	5.890 0.011 5.948 0.011	6.304 0.005	5.829 0.008	113.577 807 54	-23.473 663 19	34.41	-88.67	0.97	1.17	1.11	1.13	1.07	1.44	3.16	3.21	1.13	1.64	2.23	A	116.30	9.800	+0.06	+0.009
07344-4204	1	F C A	A 36825 B 36825	7.583 0.004 10.994 0.089	7.648 0.007	7.547 0.007	113.596 782 14	-42.073 782 58	3.81	-2.38	-10.28	0.68	0.70	0.75	0.66	0.70	20.74	21.87	0.75	0.66	0.70	A	314	1.57		
07345+1218	1	F C A	A 36843 B 36843	7.804 0.005 8.560 0.009	7.425 0.022	7.456 0.026	113.633 343 81	+12.304 724 73	3.72	-18.62	-9.20	1.85	1.11	1.50	1.70	1.00	5.26	3.13	1.50	1.70	1.00	A	98.6	1.79		
07346+3153	1	F F C	A 36850 B 36850	1.934 0.004 2.972 0.009	113.650 018 98	+31.888 636 45	113.651 009 07	+31.888 852 19	63.27	-206.33	-148.18	1.20	1.03	1.23	1.60	1.47	2.61	3.01	1.23	1.60	1.47	A	75.6	3.124		
07347-5249	1	F C C	A 36854 B 36854	8.321 0.175 10.104 0.907	113.662 682 21	-52.810 030 20	113.662 654 47	-52.809 983 18	1.95	-8.91	7.56	6.39	11.68	0.67	0.69	0.63	30.19	82.62	0.67	0.69	0.63	A	340	0.18		
07349-0525	1	F C A	A 36880 B 36880	9.499 0.009 9.539 0.010	113.723 644 45	-5.424 779 24	113.723 533 14	-5.424 858 73	0.05	-2.05	-5.23	4.52	2.99	2.75	3.57	2.14	4.99	3.66	2.75	3.57	2.14	B	234	0.49		
07351+3057	1	F C A	A 36896 B 36896	6.077 0.033 6.487 0.047	113.786 724 77	+30.960 929 35	113.786 757 16	+30.960 882 00	10.78	-25.16	5.83	5.33	3.65	1.16	1.03	0.66	7.34	4.80	1.16	1.03	0.66	A	150	0.198		
07352+1721	1	F C A	A 36903 B 36903	9.383 0.006 10.647 0.019	113.812 098 15	+17.354 563 42	113.812 028 17	+17.354 456 82	10.78	-7.91	-20.02	2.61	1.64	2.53	2.06	1.25	8.11	5.69	2.53	2.06	1.25	A	212	0.453		
07352-1733	1	F C C	A 36901 B 36901	7.444 0.006 11.373 0.221	113.801 150 81	-17.548 543 49	113.801 046 46	-17.548 509 94	18.04	-40.99	148.28	1.52	1.30	1.15	0.83	0.91	50.87	51.81	1.15	0.83	0.91	A	289	0.38		
07354+1950	1	F N C	A 36925 B 36925 C 36925	9.337 0.034 11.548 0.094 12.266 0.443	9.377 0.018	9.172 0.021	113.860 627 64	+19.838 145 78	3.67	-4.07	-8.56	2.06	1.33	2.07	2.04	1.24	19.43	14.22	2.07	2.04	1.24	A	18	1.04		
07354-7417	1	L C A	A 36914 B 36914	7.067 0.004 7.089 0.004	6.940 0.012	6.993 0.011	113.840 254 31	-74.275 007 79	3.40	-3.63	20.78	1.43	1.15	1.09	1.15	1.01	2.13	1.93	1.09	1.36	1.21	A	125.11	1.902	+0.12	0.000
07356+5212	1	F N D	A 36935 B 36935	8.495 0.005 11.404 0.073	113.890 354 12	+52.206 895 61	113.890 588 10	+52.206 713 56	5.74	12.12	5.08	1.48	1.33	1.66	1.65	1.57	21.19	15.26	1.66	1.65	1.57	A	142	0.83		
07359+4302	1	F C A	A 36965 B 36965	6.674 0.010 8.355 0.030	6.904 0.017	6.538 0.017	113.983 327 47	+43.031 087 33	8.29	-26.13	-52.69	1.32	1.10	1.40	1.85	1.35	6.87	5.56	1.40	1.85	1.35	A	88.1	2.14		
07359-2333	1	F C A	A 36961 B 36961	7.060 0.036 9.417 0.316	113.976 541 82	-23.548 696 89	113.976 501 07	-23.548 743 62	2.71	3.29	-3.05	3.49	3.68	0.96	0.78	0.82	20.81	19.04	0.96	0.78	0.82	A	219	0.22		
07360+3420	1	F C A	A 36974 B 36974	9.415 0.011 10.226 0.023	9.576 0.026	9.252 0.028	113.999 158 28	+34.328 116 38	3.28	-13.78	-13.84	3.25	2.27	3.10	3.42	2.30	10.92	8.64	3.10	3.42	2.30	A	110.7	3.19		



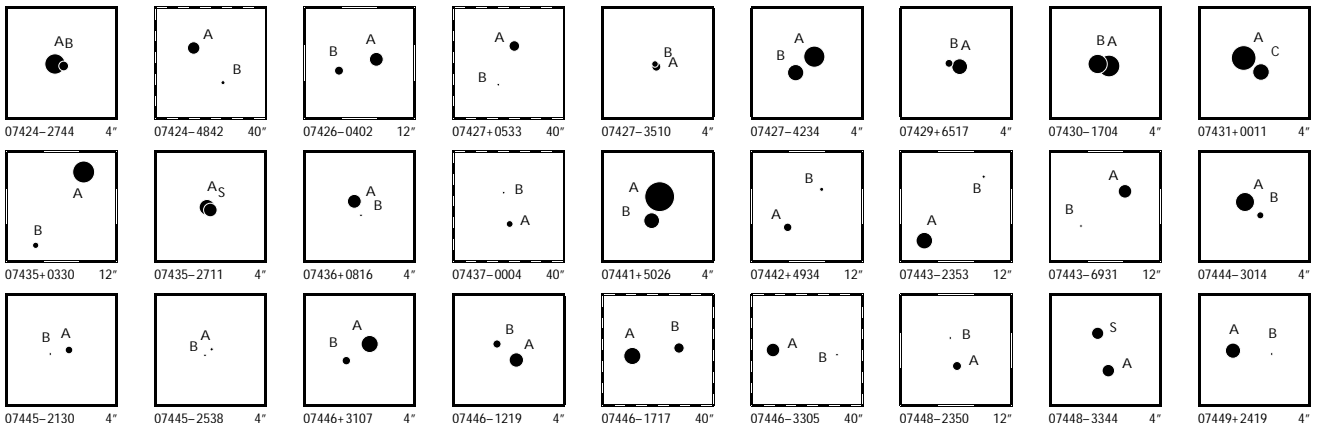
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
07360-2218	1	F CA	A 36979 B 36979	7.678 0.005 10.996 0.108	7.667 0.007	7.654 0.008		114.010 764 22 114.011 638 75	-22.293 623 98 -22.294 758 16	3.63 3.63	-4.45 -1.83 -4.45 -1.83	1.05 0.95 1.32 1.14 1.04 35.06 23.20 1.32 1.14 1.04	A 144.5 5.02													
07361-0547	1	F CA	A 36984 B 36984	8.532 0.008 11.001 0.074	9.597 0.020	8.460 0.014		114.027 851 79 114.030 444 75	-5.780 238 10 -5.782 521 09	2.02 2.02	-20.17 -0.98 -20.17 -0.98	1.61 1.08 1.59 1.92 1.14 24.47 14.18 1.59 1.92 1.14	A 131.5 12.40													
07362-2350	1	I CA	A 36995 B 36998	7.752 0.021 9.597 0.093	9.483 0.028 10.119 0.039	7.709 0.013 9.990 0.051		114.061 981 43 114.064 449 65	-23.838 382 60 -23.843 561 72	3.69 10.64	-5.09 4.87 21.98 17.68	1.92 1.72 2.19 2.13 2.00 51.42 45.75 15.56 13.81 14.25	A 156.45 20.34 -0.08 0.00													
07363-2437	1	F CA	A 37006 B 37006	8.066 0.074 9.747 0.347				114.075 486 63 114.075 489 38	-24.609 802 05 -24.609 853 30	3.15 3.15	-1.50 2.03 -1.50 2.03	3.77 6.94 1.00 0.84 0.92 17.59 27.91 1.00 0.84 0.92	A 177 0.18													
07363-3039	1	L CA	A 37003 B 37003	9.195 0.011 11.332 0.071	10.637 0.033	9.137 0.015		114.071 068 85 114.069 389 11	-30.653 366 88 -30.656 839 33	4.17 4.17	-19.09 20.81 11.22 -21.02	1.51 1.79 1.96 1.33 1.41 21.78 21.49 1.96 13.11 11.54	A 202.6 13.54 -0.2 +0.03													
07364-5411	1	F CA	A 37013 B 37013	7.123 0.013 8.456 0.046				114.108 784 04 114.108 667 93	-54.187 207 08 -54.187 160 62	5.34 5.34	9.86 -10.75 9.86 -10.75	2.10 1.69 0.67 0.84 0.68 6.03 5.47 0.67 0.84 0.68	A 304 0.30													
07364-6152	1	F CA	A 37012 B 37012	8.497 0.007 10.783 0.053				114.105 251 21 114.105 109 60	-61.873 877 56 -61.874 116 47	2.26 2.26	-7.29 11.26 -7.29 11.26	1.11 1.15 1.08 1.17 1.20 12.41 11.55 1.08 1.17 1.20	A 196 0.89													
07364-8526	1	F CA	A 37010 B 37010	8.846 0.007 11.462 0.075	9.024 0.013	8.771 0.014		114.101 898 77 114.111 115 98	-85.435 702 08 -85.435 476 69	4.82 4.82	-12.82 22.21 -12.82 22.21	1.12 1.05 1.10 1.25 1.28 14.59 14.35 1.10 1.25 1.28	A 72.9 2.76													
07370+4647	1	F CB	A 37059 B 37059	10.318 0.043 10.465 0.049	10.516 0.055	10.021 0.055		114.240 821 46 114.240 850 74	+46.788 370 06 +46.788 841 29	-0.99 -0.99	-2.96 -3.72 -2.96 -3.72	6.91 5.02 6.43 6.10 5.15 16.51 10.68 6.43 6.10 5.15	A 2 1.70													
07371+5036	1	F CA	A 37076 B 37076	9.517 0.010 10.742 0.030	9.979 0.028 10.552 0.079	9.296 0.020 9.823 0.043		114.284 980 30 114.285 548 15	+50.607 911 53 +50.608 589 85	16.89 16.89	-8.20 -81.68 -8.20 -81.68	2.10 1.64 2.36 2.46 2.28 8.26 6.76 2.36 2.46 2.28	A 28.0 2.77													
07371-2725	1	F CA	A 37070 S 37070	7.693 0.016 8.253 0.026				114.269 832 39 114.269 756 97	-27.421 695 25 -27.421 700 73	1.70 1.70	-7.55 8.33 -7.55 8.33	2.03 1.70 0.87 0.61 0.73 3.09 3.34 0.87 0.61 0.73	A 265 0.242													
07374-1828	1	F CA	A 37097 B 37097	8.526 0.008 10.484 0.043				114.346 723 35 114.346 851 35	-18.465 869 47 -18.465 877 66	2.31 2.31	1.02 -4.21 1.02 -4.21	1.74 1.39 1.72 1.22 1.15 10.05 9.71 1.72 1.22 1.15	A 94 0.44													
07374-3048	1	F ND	A 37100 B 37100	9.483 0.009 13.273 0.279	9.732 0.019	9.369 0.020		114.355 529 67 114.356 157 24	-30.801 907 89 -30.800 450 83	5.14 5.14	-7.45 -61.68 -7.45 -61.68	1.17 1.55 1.79 1.24 1.35 68.04 82.25 1.79 1.24 1.35	A 20 5.59													
07374-3330	1	F CB	A 37099 B 37099	9.604 0.029 12.362 0.337				114.355 148 16 114.355 185 39	-33.507 456 32 -33.507 318 45	3.57 3.57	-8.26 -11.25 -8.26 -11.25	4.13 5.08 4.48 3.69 3.90 70.70 70.73 4.48 3.69 3.90	A 13 0.51													
07374-3458	1	L CA	A 37096 C 37096	4.747 0.002 6.261 0.008				114.342 166 63 114.342 246 13	-34.968 570 44 -34.968 460 37	9.10 9.10	-13.65 16.53 -26.65 15.17	0.54 0.63 0.57 0.49 0.48 1.89 2.20 0.57 1.44 1.22	A 30.6 0.460 -1.3 -0.008													
07375+3852	1	F NC	A 37102 B 37102 C 37103	8.281 0.034 9.669 0.064 10.766 0.298	11.667 0.185	10.691 0.111		114.357 907 39 114.358 054 95 114.360 474 11	+38.868 203 07 +38.868 249 53 +38.874 465 33	4.94 4.94 4.94	-0.93 1.16 -0.93 1.16 -0.93 1.16	2.67 2.17 1.82 2.09 1.53 15.18 14.23 1.82 2.09 1.53 46.29 36.62 1.82 2.09 1.53	A 68 0.45 A 17.7 23.66													
07375-5125	1	F ND	A 37110 B 37110	7.995 0.010 11.671 0.284				114.383 859 41 114.383 879 23	-51.421 321 11 -51.421 224 77	4.05 4.05	-3.37 -25.30 -3.37 -25.30	0.81 0.97 0.76 0.76 0.71 37.15 49.18 0.76 0.76 0.71	A 7 0.35													
07376-7618	1	F CC	A 37114 B 37114	11.023 0.348 11.486 0.532				114.390 675 32 114.390 527 99	-76.294 070 40 -76.294 084 55	1.29 1.29	-25.20 13.27 -25.20 13.27	24.82 18.34 1.04 1.22 1.09 26.70 24.81 1.04 1.22 1.09	A 248 0.14													
07378-0236	1	F CA	A 37134 C 37134	8.007 0.004 10.673 0.047	8.234 0.008	7.911 0.009		114.453 983 69 114.453 667 35	-2.597 000 63 -2.596 795 42	6.29 6.29	-8.10 -27.42 -8.10 -27.42	1.32 0.75 1.35 1.46 0.79 16.51 9.83 1.35 1.46 0.79	A 303.0 1.36													
07380-3208	1	F CA	A 37145 B 37145	6.994 0.053 8.719 0.261				114.489 863 99 114.489 882 56	-32.131 171 21 -32.131 217 49	8.81 8.81	6.22 -34.96 6.22 -34.96	1.91 4.95 0.62 0.46 0.51 11.27 16.86 0.62 0.46 0.51	A 161 0.18													
07385+0030	1	F CA	A 37198 B 37198	7.217 0.006 9.287 0.042	7.086 0.009	7.155 0.009		114.626 901 49 114.626 624 57	+0.505 022 02 +0.504 692 25	2.55 2.55	-2.63 -1.32 -2.63 -1.32	1.54 0.81 1.35 1.28 0.58 10.34 5.87 1.35 1.28 0.58	A 220.0 1.55													
07385+2819	1	F CC	A 37194 S 37194	9.637 0.426 10.162 0.691				114.613 095 86 114.613 048 36	+28.317 222 39 +28.317 232 87	5.29 5.29	-18.34 -18.95 -18.34 -18.95	37.82 10.16 1.30 1.49 1.34 39.71 13.93 1.30 1.49 1.34	A 284 0.16													
07385+3343	1	F CA	A 37197 B 37197	8.105 0.009 9.503 0.021	8.481 0.014 9.778 0.048	8.066 0.014 9.352 0.045		114.626 042 70 114.625 895 60	+33.711 476 46 +33.712 352 87	8.61 8.61	-37.29 22.01 -37.29 22.01	1.77 1.33 1.77 2.03 1.55 5.99 5.36 1.77 2.03 1.55	A 352.1 3.19													
07387-0128	1	F CA	A 37219 B 37219	8.013 0.004 8.670 0.007				114.678 942 90 114.678 926 72	-1.452 263 38 -1.452 439 36	1.01 1.01	-2.71 -4.67 -2.71 -4.67	1.90 1.17 1.92 2.22 1.09 3.70 1.97 1.92 2.22 1.09	A 185.3 0.636													
07387-0500	1	L CA	B 37220 A 37220	8.673 0.010 9.029 0.014				114.680 303 08 114.680 294 73	-4.991 371 47 -4.991 278 06	7.66 7.66	4.33 -19.87 8.92 -25.48	2.30 1.76 1.51 1.89 0.97 3.95 2.55 1.51 2.98 1.44	B 355 0.338 +1 -0.006													
07388-2648	1	L CA	A 37229 B 37229	4.398 0.005 4.604 0.006	4.226 0.002 4.515 0.002	4.419 0.002 4.639 0.002		114.707 838 72 114.705 778 99	-26.803 892 40 -26.801 842 21	7.18 7.18	-17.00 23.08 -13.57 15.61	0.64 0.94 1.06 0.64 0.88 1.97 2.64 1.06 1.07 1.44	A 318.12 9.913 -0.01 -0.008													
07388-3548	1	F CC	A 37227 B 37227	8.253 0.008 12.352 0.352	9.360 0.023	8.179 0.015		114.694 715 14 114.696 279 22	-35.802 929 13 -35.804 947 11	2.58 2.58	-0.05 5.74 -0.05 5.74	0.93 1.00 1.14 0.93 0.95 47.84 50.46 1.14 0.93 0.95	A 147.8 8.58													



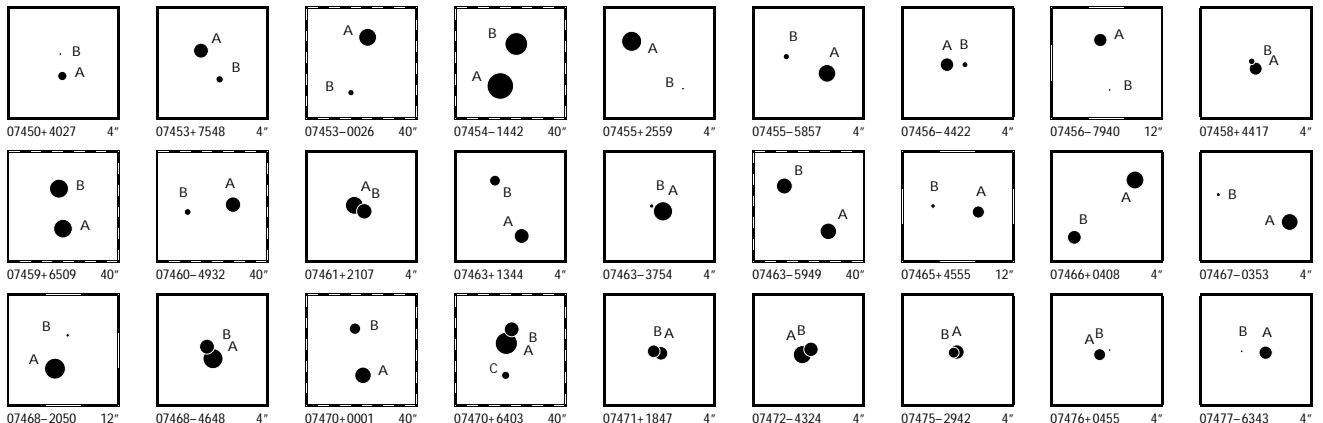
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
07389-2016	1	F CA	A 37244 B 37244	7.863 0.005 8.395 0.008	8.109 0.008 8.651 0.012	7.809 0.010 8.290 0.013	114.737 380 94 114.736 993 81	-20.269 750 36 -20.269 018 27	6.86 6.86	-30.07 -30.07	21.89 21.89	1.32 1.18 1.53 3.16 3.18 1.53	1.32 1.12 1.32 1.12	A	333.6	2.942										
07390+0058	1	F CB	A 37249 B 37249	8.260 0.017 10.560 0.143	9.377 0.023	8.158 0.014	114.752 537 07 114.752 570 54	+0.961 277 21 +0.961 638 26	4.44 4.44	-27.91 -27.91	-1.10 -1.10	4.00 2.26 3.52 24.10 35.49 3.52	3.78 1.69 3.78 1.69	A	5	1.31										
07390-3000	1	F CA	A 37251 B 37251	9.180 0.025 11.814 0.277			114.755 616 72 114.755 713 84	-29.991 816 03 -29.991 857 16	1.52 1.52	-6.78 -6.78	0.73 0.73	4.72 3.49 1.89 34.10 39.18 1.89	1.29 1.38 1.29 1.38	A	116	0.34										
07393-0841	1	F CA	A 37280 B 37280	9.663 0.008 9.755 0.009	9.605 0.021 9.695 0.030	9.380 0.028 9.441 0.030	114.827 508 20 114.827 042 22	-8.681 653 36 -8.681 163 95	3.45 3.45	-3.26 -3.26	-1.54 -1.54	2.60 1.83 3.01 4.60 3.07 3.01	2.99 1.88 2.99 1.88	A	316.7	2.42										
07393-4903	1	I CA	A 37276 B 37277	6.942 0.005 10.112 0.095	6.830 0.006 9.988 0.033	6.936 0.008 9.758 0.038	114.820 011 87 114.821 892 61	-49.051 405 11 -49.047 512 40	0.55 8.32	-5.38 -1.12	3.53 24.38	1.22 1.15 1.01 35.31 39.17 10.89	1.28 1.23 24.99 26.49	A	17.6	14.70	0.0	+0.02								
07395-1134	1	F CC	A 37296 B 37296	7.353 0.014 10.764 0.210			114.863 477 38 114.863 372 66	-11.563 973 86 -11.563 984 21	1.61 1.61	-3.79 -3.79	0.19 0.19	1.81 1.61 1.59 42.42 47.62 1.59	1.54 1.00 1.54 1.00	A	264	0.37										
07395-5548	1	F CC	A 37305 B 37305	9.844 0.214 11.906 1.429			114.875 986 20 114.875 553 98	-55.804 826 98 -55.804 869 09	-1.08 -1.08	-7.01 -7.01	8.85 8.85	5.91 18.25 1.05 106.74 97.79 1.05	1.33 1.16 1.33 1.16	A	211	0.18										
07395-7027	1	F CA	A 37307 B 37307	9.342 0.010 9.868 0.016	8.976 0.013	9.041 0.018	114.881 698 31 114.880 753 39	-70.445 606 04 -70.445 753 15	1.07 1.07	-4.95 -4.95	10.43 10.43	1.91 1.95 1.67 5.96 4.49 1.67	1.82 1.84 1.82 1.84	A	245.1	1.26										
07396-1602	1	F CA	A 37308 B 37308	8.966 0.026 10.086 0.072			114.895 624 86 114.895 553 30	-16.027 187 93 -16.027 217 48	10.07 10.07	-54.93 -54.93	2.60 2.60	3.70 3.20 1.52 10.17 9.95 1.52	1.25 0.94 1.25 0.94	A	247	0.27										
07397+0117	1	F CA	A 37323 S 37323	8.936 0.014 10.300 0.049			114.934 943 89 114.934 823 96	+1.285 873 20 +1.285 864 85	9.80 9.80	-26.74 -26.74	-5.61 -5.61	3.30 1.80 2.23 10.63 7.83 2.23	2.54 1.07 2.54 1.07	A	266	0.43										
07397-3808	1	F CA	A 37322 B 37322	5.761 0.002 8.753 0.037	5.591 0.003	5.732 0.004	114.932 622 85 114.932 851 98	-38.139 328 10 -38.139 635 60	5.33 5.33	-22.54 -22.54	16.90 16.90	0.50 0.48 0.53 7.41 9.24 0.53	0.50 0.49 0.50 0.49	A	149.6	1.28										
07397-4317	1	L CA	A 37318 B 37318	7.627 0.003 8.344 0.006			114.924 445 26 114.924 632 90	-43.279 641 70 -43.279 494 84	2.16 2.16	-6.83 -8.09	10.46 7.62	0.89 0.94 0.89 1.88 2.20 0.89	0.75 0.80 1.56 1.41	A	42.9	0.722	+0.1	-0.003								
07398-0615	1	I CA	A 37332 B 37333	7.970 0.006 10.153 0.038	8.622 0.010 10.806 0.055	7.878 0.008 10.006 0.042	114.953 617 88 114.954 500 84	-6.244 285 87 -6.248 565 66	10.45 13.71	-77.00 -94.08	6.90 9.42	1.97 1.15 1.61 24.85 12.39 15.13	2.37 1.00 22.53 8.27	A	168.4	15.73	+0.1	-0.01								
07402+4206	1	F CA	A 37368 B 37368	8.701 0.010 11.319 0.100	9.173 0.026	8.643 0.025	115.058 340 74 115.061 392 56	+42.104 443 96 +42.105 411 36	10.13 10.13	-26.13 -26.13	-43.56 -43.56	2.01 1.34 1.91 22.65 15.08 1.91	2.37 1.78 2.37 1.78	A	66.9	8.86										
07408+2315	1	F CA	A 37400 B 37400	8.537 0.009 11.288 0.107	8.676 0.014	8.493 0.016	115.188 729 69 115.189 169 74	+23.246 515 07 +23.245 932 40	2.95 2.95	27.81 27.81	5.05 5.05	1.78 1.10 1.79 25.75 17.06 1.79	1.97 1.33 1.97 1.33	A	145.2	2.55										
07413-6000	1	F CA	A 37454 B 37454	8.423 0.005 8.711 0.006			115.323 528 08 115.323 020 17	-60.001 968 19 -60.002 115 58	2.61 2.61	-1.79 -1.79	12.56 12.56	1.29 1.30 1.20 2.76 2.44 1.20	1.19 1.35 1.19 1.35	A	239.9	1.057										
07414-0913	1	F CA	A 37466 B 37466	8.825 0.077 9.475 0.140			115.349 641 35 115.349 632 84	-9.215 090 27 -9.215 131 19	2.59 2.59	-0.60 -0.60	1.99 1.99	2.86 6.89 1.14 5.02 7.34 1.14	0.81 0.55 0.81 0.55	A	192	0.150										
07417+0942	1	L CA	A 37484 B 37484	8.919 0.007 9.387 0.011			115.426 490 34 115.426 479 47	+9.704 872 40 +9.704 979 20	15.06 15.06	-16.06 2.93	-30.67 -29.43	2.50 1.80 1.86 4.31 3.02 1.86	1.97 1.10 2.68 1.33	A	354.3	0.386	+2.8	-0.001								
07417+1803	1	F NB	G A 37486 C 37491 B 37486	9.088 0.033 9.770 0.053 10.129 0.067	10.104 0.036	9.529 0.034	115.427 663 09 115.433 367 83 115.427 574 80	+18.053 214 81 +18.055 808 65 +18.052 936 31	1.87 1.87 1.87	-6.11 -6.11 -6.11	1.59 1.59 1.59	3.74 2.39 3.44 14.22 9.41 3.44 13.23 9.57 3.44	3.25 2.17 3.25 2.17 3.25 2.17	A	64.44	21.64										
07417+3726	1	L CA	A 37483 B 37483	7.958 0.006 9.236 0.018			115.423 417 17 115.423 470 11	+37.430 056 40 +37.429 942 06	8.09 8.09	-22.93 -18.15	1.79 -7.28	2.11 1.56 1.68 7.52 5.53 1.68	1.89 1.12 4.82 2.67	A	160	0.439	0	+0.010								
07417-5652	1	F CC	A 37489 B 37489	9.648 0.073 11.834 0.543			115.430 325 21 115.430 406 12	-56.861 227 21 -56.861 184 88	2.78 2.78	-1.31 -1.31	1.59 1.59	9.00 7.86 1.11 42.86 48.32 1.11	1.28 1.37 1.28 1.37	A	46	0.22										
07418+6734	1	F CA	A 37503 C 37503	8.273 0.004 10.625 0.038			115.451 889 60 115.451 746 68	+67.566 491 40 +67.566 599 53	6.10 6.10	-29.78 -29.78	-47.17 -47.17	0.87 1.22 1.33 7.61 10.63 1.33	0.62 1.01 0.62 1.01	A	333	0.44										
07420-5425	1	F CA	A 37513 B 37513	9.285 0.006 9.679 0.008			115.488 955 98 115.488 767 13	-54.417 696 82 -54.417 814 25	2.77 2.77	-3.05 -3.05	3.37 3.37	2.20 2.03 1.81 3.62 3.41 1.81	2.75 2.25 2.75 2.25	A	223.1	0.579										
07422+4413	1	F CA	A 37531 B 37531	10.139 0.009 11.884 0.040	10.545 0.044	10.016 0.044	115.542 875 15 115.543 048 59	+44.222 665 52 +44.222 196 43	4.52 4.52	-48.24 -48.24	-66.52 -66.52	2.89 2.18 3.01 18.44 15.56 3.01	4.38 2.53 4.38 2.53	A	165	1.75										
07422-0331	1	I CA	A 37534 B 37532	8.162 0.026 8.435 0.028	9.660 0.018 9.880 0.028	8.137 0.010 8.537 0.016	115.552 123 02 115.547 584 96	-3.519 528 40 -3.522 762 14	-1.84 -4.09	-16.54 -18.92	-7.90 -12.80	4.43 2.48 3.74 17.91 8.28 5.83	5.54 2.30 8.44 3.27	A	234.48	20.04	-0.01	0.00								
07422-3055	1	F CA	A 37529 B 37529	9.592 0.008 10.278 0.014			115.542 086 24 115.541 967 88	-30.922 580 17 -30.922 438 82	4.15 4.15	-6.97 -6.97	5.41 5.41	1.88 2.65 2.52 4.71 5.62 2.52	2.21 2.81 2.21 2.81	A	324	0.627										
07422-5511	1	F CA	A 37533 B 37533	7.287 0.039 8.250 0.095			115.548 471 41 115.548 477 39	-55.178 967 59 -55.179 017 18	2.94 2.94	-5.32 -5.32	8.35 8.35	2.03 3.67 0.57 4.82 7.34 0.57	0.68 0.60 0.68 0.60	A	176	0.179										



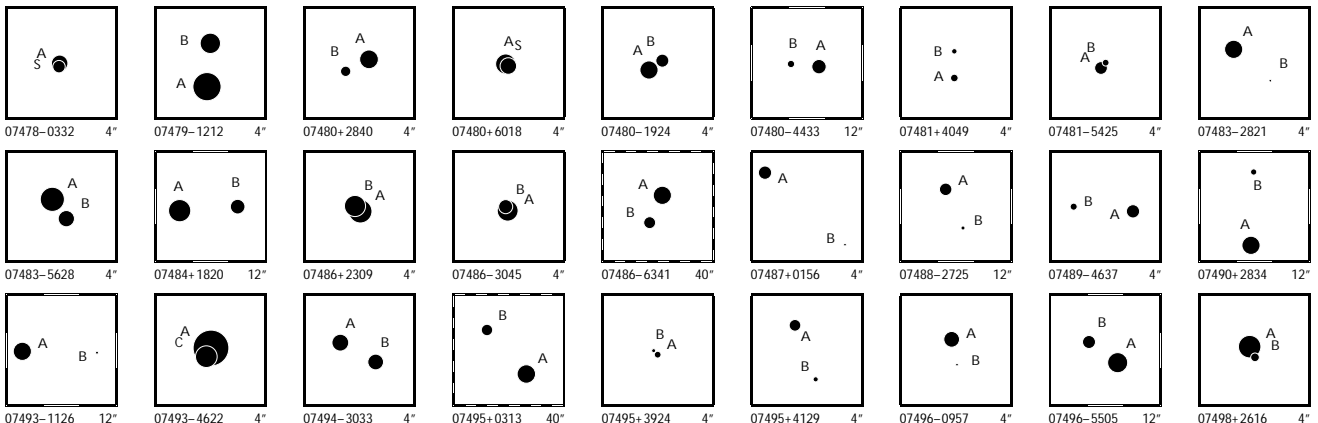
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
07424-2744	1	F CA	A 37554 B 37554	7.491 0.007 9.869 0.064				115.608 947 98 115.608 845 61	-27.729 891 35 -27.729 908 81	3.56 3.56	-3.63 0.21 -3.63 0.21	1.57 1.37 1.09 0.66 0.88 8.08 12.93 1.09 0.66 0.88	A 259 0.33													
07424-4842	1	F CA	A 37548 B 37548	9.263 0.018 11.120 0.089	10.636 0.039	9.197 0.019		115.596 542 61 115.591 861 68	-48.698 641 95 -48.702 195 39	3.11 3.11	-12.30 13.83 -12.30 13.83	1.40 1.30 1.40 1.45 1.46 16.12 15.42 1.40 1.45 1.46	A 221.0 16.95													
07426-0402	1	F CA	A 37560 B 37560	8.915 0.006 10.025 0.016	9.148 0.013 10.193 0.057	8.829 0.014 9.704 0.060		115.641 834 14 115.642 977 98	-4.026 499 52 -4.026 860 85	7.18 7.18	-16.16 -9.09 -16.16 -9.09	2.22 1.13 2.09 2.19 0.94 8.21 3.43 2.09 2.19 0.94	A 107.6 4.31													
07427+0533	1	F CA	A 37574 B 37574	9.660 0.013 11.587 0.070	10.850 0.052	9.619 0.029		115.667 097 64 115.668 762 96	+5.542 288 69 +5.538 295 98	1.25 1.25	0.79 -5.82 0.79 -5.82	3.05 1.48 2.68 3.27 1.39 44.64 18.40 2.68 3.27 1.39	A 157.5 15.56													
07427-3510	1	F CC	A 37578 B 37578	10.035 0.040 10.587 0.676				115.674 393 88 115.674 409 24	-35.161 488 13 -35.161 458 16	5.23 5.23	-12.10 -6.69 -12.10 -6.69	15.03 23.63 1.09 0.90 0.96 19.05 29.24 1.09 0.90 0.96	A 23 0.12													
07427-4234	1	F CA	A 37577 B 37577	7.308 0.003 8.426 0.008				115.670 724 90 115.670 977 16	-42.567 455 35 -42.567 617 91	2.62 2.62	-6.37 6.03 -6.37 6.03	0.74 0.81 0.83 0.76 0.81 2.95 3.06 0.83 0.76 0.81	A 131.2 0.889													
07429+6517	1	F CA	A 37604 B 37604	8.504 0.008 10.234 0.038				115.734 897 86 115.735 167 10	+65.290 693 03 +65.290 726 00	6.05 6.05	6.33 9.52 6.33 9.52	1.79 1.45 1.60 1.25 1.23 7.48 8.63 1.60 1.25 1.23	A 74 0.42													
07430-1704	1	L CA	A 37608 B 37608	7.212 0.004 7.714 0.007				115.745 607 65 115.745 729 64	-17.061 676 56 -17.061 657 88	7.40 7.40	-6.70 30.14 -4.20 38.64	1.14 0.92 1.12 0.75 0.73 1.88 1.93 1.12 0.99 1.07	A 80.9 0.425 -1.1 +0.004													
07431+0011	1	F CA D	A 37614 C 37614	6.523 0.003 8.349 0.014				115.772 573 60 115.772 392 00	+0.189 364 49 +0.189 221 41	7.20 7.20	0.94 -12.89 0.94 -12.89	1.05 0.60 1.02 1.27 0.56 6.18 2.46 1.02 1.27 0.56	A 231.8 0.832													
07435+0330	1	F CA	A 37645 B 37645	7.139 0.004 10.633 0.094	7.679 0.008 11.512 0.127	7.075 0.006 10.379 0.070		115.879 560 75 115.881 040 19	+3.486 065 14 +3.483 808 25	18.96 18.96	16.84 -81.05 16.84 -81.05	1.19 0.67 1.11 1.23 0.60 30.86 16.26 1.11 1.23 0.60	A 146.8 9.71													
07435-2711	1	F CA	A 37646 S 37646	8.527 0.104 9.013 0.163				115.884 068 44 115.884 030 51	-27.179 208 12 -27.179 224 24	4.21 4.21	-6.50 6.02 -6.50 6.02	6.56 4.15 0.97 0.46 0.73 8.39 6.22 0.97 0.46 0.73	A 244 0.135													
07436+0816	1	F CA	A 37657 B 37657	8.958 0.004 11.965 0.049				115.908 136 86 115.908 057 78	+8.273 081 55 +8.272 933 15	4.08 4.08	-22.72 -12.75 -22.72 -12.75	1.54 0.91 1.55 1.64 0.78 24.71 12.66 1.55 1.64 0.78	A 208 0.60													
07437-0004	1	F C	A 37671 B 37670	10.511 0.013 11.876 0.014	10.823 0.074	10.274 0.066		115.933 613 87 115.934 103 96	-0.066 189 50 -0.062 950 44	3.08 10.58	-185.14 -304.68 -175.12 -294.77	7.04 3.56 5.42 7.59 3.64 17.42 9.70 13.03 19.38 11.69	A 8.6 11.79 0.0 +0.01													
07441+5026	1	F CA	A 37701 B 37701	5.374 0.002 8.503 0.033				116.017 448 92 116.017 573 66	+50.433 861 15 +50.433 619 87	4.73 4.73	-9.29 -27.78 -9.29 -27.78	0.63 0.49 0.78 0.78 0.60 11.69 7.60 0.78 0.78 0.60	A 162 0.91													
07442+4934	1	F CA	A 37714 B 37714	10.158 0.012 11.097 0.027	10.621 0.042	9.843 0.033		116.047 182 11 116.045 571 31	+49.559 984 26 +49.561 139 03	7.91 7.91	-0.60 -12.07 -0.60 -12.07	2.78 2.75 2.98 3.48 2.85 9.89 7.73 2.98 3.48 2.85	A 317.9 5.61													
07443-2353	1	F CC	A 37729 B 37729	8.349 0.013 11.281 0.188	10.265 0.061	8.338 0.023		116.076 893 43 116.074 894 08	-23.889 924 04 -23.887 942 84	4.50 4.50	-3.90 3.28 -3.90 3.28	1.47 1.60 1.98 1.76 1.92 39.78 36.61 1.98 1.76 1.92	A 317.3 9.70													
07443-6931	1	F CB	A 37735 B 37735	8.978 0.009 12.384 0.214	9.867 0.022	8.914 0.016		116.086 030 96 116.089 819 56	-69.511 238 56 -69.512 304 47	20.33 20.33	2.50 95.17 2.50 95.17	1.50 1.45 1.42 1.56 1.84 49.75 47.14 1.42 1.56 1.84	A 128.8 6.12													
07444-3014	1	F CA	A 37736 B 37736	7.800 0.003 10.420 0.033				116.088 644 30 116.088 464 22	-30.234 913 88 -30.235 047 88	4.16 4.16	-7.68 1.70 -7.68 1.70	0.67 0.87 1.04 0.72 1.11 6.82 10.84 1.04 0.72 1.11	A 229 0.74													
07445-2130	1	F CA	A 37743 B 37743	10.342 0.011 11.787 0.035				116.122 591 78 116.122 802 44	-21.506 778 80 -21.506 816 51	-0.86 -0.86	-5.67 1.99 -5.67 1.99	2.86 2.27 3.22 2.93 2.69 11.66 14.12 3.22 2.93 2.69	A 101 0.72													
07445-2538	1	F CB	A 37746 B 37746	11.300 0.072 12.724 0.268				116.131 459 04 116.131 535 19	-25.628 497 12 -25.628 561 17	-4.29 -4.29	-2.20 -0.99 -2.20 -0.99	6.09 6.62 2.71 1.59 2.17 31.17 35.23 2.71 1.59 2.17	A 133 0.34													
07446+3107	1	F CA	A 37761 B 37761	8.207 0.004 10.148 0.023	8.320 0.011	8.028 0.011		116.158 800 45 116.159 079 86	+31.113 950 52 +31.113 784 41	3.91 3.91	3.17 -10.66 3.17 -10.66	1.81 0.80 1.55 1.84 1.12 12.02 4.74 1.55 1.84 1.12	A 124.8 1.05													
07446-1219	1	F CA	A 37750 B 37750	8.840 0.005 10.200 0.015				116.140 766 09 116.140 970 58	-12.313 750 15 -12.313 579 32	1.61 1.61	-3.40 4.31 -3.40 4.31	1.11 0.88 1.49 1.21 0.74 5.12 3.23 1.49 1.21 0.74	A 49.5 0.946													
07446-1717	1	L CA	A 37758 B 37758	8.234 0.016 9.717 0.054	9.250 0.014 9.927 0.021	8.143 0.010 9.803 0.028		116.152 401 12 116.147 457 38	-17.290 708 81 -17.289 872 70	11.12 11.12	-23.22 1.32 5.32 -1.48	1.48 1.29 1.86 1.09 0.96 15.30 15.74 1.86 8.19 7.84	A 280.04 17.26 +0.01 -0.03													
07446-3305	1	I NC	A 37760 B 37756	9.026 0.022 11.723 0.200	10.061 0.022	8.937 0.014		116.157 861 68 116.150 097 27	-33.080 812 40 -33.081 297 78	2.28 3.41	0.14 -0.88 -21.39 1.16	1.63 1.89 1.84 1.64 2.38 42.17 51.71 33.13 25.57 37.05	A 265.7 23.49 0.0 +0.02													
07448-2350	1	F ND D	A 37780 B 37780	10.015 0.019 13.698 0.550	10.039 0.057	9.819 0.065		116.195 877 96 116.196 089 86	-23.837 046 50 -23.836 204 28	2.87 2.87	-0.63 3.00 -0.63 3.00	2.22 2.37 2.92 2.56 2.46 141.60 128.74 2.92 2.56 2.46	A 13 3.11													
07448-3344	1	L CA	A 37781 S 37781	9.263 0.007 9.311 0.007				116.196 451 38 116.196 585 54	-33.732 010 20 -33.731 631 18	21.34 21.34	-64.08 103.25 -56.92 91.25	2.37 2.78 2.03 1.86 2.15 3.40 4.38 2.03 2.70 4.08	A 16.4 1.422 +0.4 -0.009													
07449+2419	1	F ND D	A 37788 B 37788	8.637 0.007 12.630 0.270	9.154 0.020	8.586 0.018		116.234 017 54 116.233 580 52	+24.320 488 03 +24.320 452 62	5.43 5.43	10.80 -6.83 10.80 -6.83	1.63 1.05 1.59 1.74 1.01 87.58 51.59 1.59 1.74 1.01	A 265 1.44													



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt					
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
07450+4027	1	F CA	A 37795 B 37795	9.984 11.402	0.009 0.028						116.248 811 42 116.248 849 34	+40.452 112 94 +40.452 332 31	2.13 2.13	-2.07 -2.07	-5.76 -5.76	2.79 10.10	1.96 7.25	2.67 2.67	3.55 3.55	2.15 2.15	A	7		0.80				
07453+7548	1	F CA	A 37818 B 37818	8.726 10.366	0.006 0.028	8.829	0.009	8.555	0.010		116.312 028 92 116.311 235 40	+75.797 616 19 +75.797 326 99	3.31 3.31	-1.12 -1.12	8.00 8.00	1.19 7.34	1.18 8.21	1.50 1.50	1.29 1.29	1.18 1.18	A	213.9		1.26				
07453-0026	1	IND D	A 37824 B 37825	8.018 10.605	0.053 0.464	8.033	0.014	7.954	0.019	10.859	10.103	10.642	0.140	116.327 395 24 116.329 066 24	-0.438 232 07 -0.443 918 67	4.38 -11.26	0.40 21.66	-2.59 -96.03	3.15 125.57	2.09 87.33	2.61 64.40	3.19 89.69	2.33 64.01	A	163.6	21.34	0.0	+0.10
07454-1442	1	I CA	A 37843 B 37842	6.101 6.968	0.013 0.024	6.095	0.004	6.049	0.004	7.235	0.009	6.880	0.009	116.371 424 28 116.369 759 07	-14.690 485 07 -14.686 113 78	9.09 8.10	-15.08 -15.90	-21.41 -21.76	1.85 11.42	1.34 7.78	1.94 5.88	2.18 6.86	1.13 3.54	A	339.77	16.771	0.00	0.000
07455+2559	1	FND D	A 37848 B 37848	7.545 11.577	0.005 0.215	9.418	0.019	7.584	0.009		116.383 876 80 116.383 289 44	+25.988 688 08 +25.988 201 26	1.89 1.89	0.41 0.41	-18.66 -18.66	1.29 71.06	0.90 43.45	1.25 1.25	1.30 1.30	0.88 0.88	A	227		2.59				
07455-5857	1	F CA	A 37846 B 37846	8.109 10.607	0.004 0.037	9.066	0.013	8.000	0.009		116.380 203 03 116.381 010 00	-58.954 892 89 -58.954 720 12	2.72 2.72	-8.42 -8.42	10.83 10.83	0.92 10.88	0.81 10.80	0.83 0.83	0.92 0.92	0.85 0.85	A	67.5		1.62				
07456-4422	1	F CA	A 37856 B 37856	9.011 10.656	0.005 0.020						116.401 136 08 116.400 875 93	-44.373 892 53 -44.373 889 67	1.36 1.36	-3.09 -3.09	6.02 6.02	1.07 4.48	1.06 5.76	1.13 1.13	1.09 1.09	1.17 1.17	A	271		0.670				
07456-7940	1	F CA	A 37855 B 37855	9.083 12.257	0.006 0.104	9.602	0.022	9.011	0.020		116.398 358 43 116.396 737 90	-79.669 042 31 -79.670 586 63	11.97 11.97	-16.52 -16.52	42.17 42.17	1.14 32.87	1.11 24.64	1.13 1.13	1.17 1.17	1.26 1.26	A	190.7		5.66				
07458+4417	1	F CA	A 37873 B 37873	9.090 10.582	0.031 0.121						116.443 291 81 116.443 348 28	+44.284 861 68 +44.284 944 67	1.92 1.92	3.52 3.52	-17.78 -17.78	3.49 12.24	5.39 13.07	1.91 1.91	2.81 2.81	1.51 1.51	A	26		0.33				
07459+6509	1	INB	B 37884 A 37882	7.826 7.851	0.028 0.028	8.174	0.009	7.803	0.010	8.220	0.010	7.813	0.010	116.468 720 43 116.467 650 55	+65.157 945 65 +65.153 816 87	14.97 8.96	-15.98 -11.32	-63.78 -58.04	8.29 4.33	6.94 4.31	5.77 4.91	5.14 4.17	4.76 4.11	B	186.21	14.95	-0.02	-0.01
07460-4932	1	I CA	A 37899 B 37893	8.555 10.511	0.016 0.083	9.690	0.024	8.512	0.016	10.617	0.042	10.162	0.043	116.507 653 75 116.514 887 90	-49.531 836 21 -49.532 640 67	2.68 2.43	0.45 -12.29	-22.08 12.65	1.95 21.26	1.82 20.37	1.61 7.51	2.15 1.27	1.94 16.25	A	99.7	17.15	-0.1	-0.02
07461+2107	1	F CA	A 37909 B 37909	8.011 8.552	0.006 0.009						116.533 068 60 116.532 963 39	+21.122 020 95 +21.121 959 01	9.49 9.49	30.67 30.67	-6.98 -6.98	2.24 4.97	1.57 3.82	1.69 1.69	1.57 1.57	1.02 1.02	A	238		0.418				
07463+1344	1	F CA	A 37920 B 37920	8.699 9.572	0.008 0.016	8.852	0.013	8.612	0.015	9.685	0.021	9.269	0.020	116.565 339 91 116.565 618 03	+13.728 722 44 +13.729 291 72	2.11 2.11	-9.06 -9.06	-12.26 -12.26	1.95 5.97	1.06 3.32	1.79 1.79	1.76 1.76	0.98 0.98	A	25.4		2.268	
07463-3754	1	F CB	A 37925 B 37925	7.761 11.042	0.007 0.141						116.578 827 40 116.578 977 04	-37.897 748 21 -37.897 692 01	0.54 0.54	-7.94 -7.94	3.77 3.77	1.04 22.89	1.03 27.25	1.03 1.03	0.91 0.91	1.10 1.10	A	65		0.47				
07463-5949	1	I CA	A 37918 B 37923	8.336 8.443	0.017 0.017	9.103	0.023	8.227	0.018	9.215	0.018	8.332	0.014	116.562 011 66 116.570 924 29	-59.814 457 32 -59.809 871 84	27.59 36.55	-66.83 -47.58	149.66 148.31	2.53 6.90	2.66 6.83	2.11 4.50	2.24 5.26	3.02 5.66	A	44.35	23.08	+0.04	+0.01
07465+4555	1	F CA	A 37936 B 37936	9.320 10.983	0.011 0.047	9.651	0.033	9.324	0.035		116.618 961 13 116.620 993 98	+45.914 882 11 +45.915 057 96	3.21 3.21	-3.57 -3.57	-17.42 -17.42	2.14 12.54	1.67 10.33	2.10 2.10	2.94 2.94	1.92 1.92	A	82.9		5.13				
07466+0408	1	F CA	A 37942 B 37942	8.046 8.964	0.008 0.012						116.647 322 36 116.647 942 56	+4.130 598 06 +4.130 014 67	1.86 1.86	-10.52 -10.52	0.34 0.34	1.83 4.69	1.45 3.63	1.95 1.95	2.17 2.17	1.59 1.59	A	133.3		3.061				
07467-0353	1	F CA	A 37952 B 37952	8.262 11.082	0.007 0.087	8.951	0.020	8.221	0.017		116.687 038 08 116.687 770 37	-3.887 580 21 -3.887 305 79	3.10 3.10	-1.07 -1.07	-4.48 -4.48	2.04 24.82	1.56 18.37	1.95 1.95	2.71 2.71	1.73 1.73	A	69.4		2.81				
07468-2050	1	FND D	A 37954 B 37954	7.361 11.246	0.007 0.241	7.277	0.006	7.367	0.007		116.691 830 37 116.691 416 96	-20.831 264 65 -20.830 239 99	2.46 2.46	-7.66 -7.66	1.29 1.29	1.00 46.75	0.96 42.33	1.41 1.41	1.22 1.22	0.88 0.88	A	339		3.94				
07468-4648	1	F CA	A 37953 B 37953	7.574 8.696	0.005 0.013						116.691 827 98 116.691 922 79	-46.801 684 66 -46.801 563 10	3.27 3.27	-6.11 -6.11	8.06 8.06	1.06 4.13	1.12 3.88	0.96 0.96	0.98 0.98	1.02 1.02	A	28		0.496				
07470+0001	1	I CA	A 37976 B 37977	8.330 9.466	0.021 0.046	8.279	0.019	8.318	0.024	9.325	0.039	9.276	0.052	116.760 283 57 116.761 113 03	+0.018 374 09 +0.023 164 46	2.11 -1.57	0.13 -0.35	-3.44 -0.74	3.71 17.27	2.64 13.07	3.14 8.48	3.75 10.27	2.79 7.69	A	9.82	17.50	0.00	0.00
07470+6403	1	F CA	A 37975 B 37975 C 37975	7.064 8.671 10.205	0.017 0.067 0.199	7.084	0.006	6.994	0.007	8.858	0.020	8.453	0.021	116.751 811 15 116.750 588 50 116.752 127 50	+64.052 015 17 +64.053 433 17 +64.048 793 13	5.77 5.77 5.77	-13.27 -13.27 -13.27	-35.69 -35.69 -35.69	1.98 8.02 28.11	1.78 7.75 21.53	2.55 2.55 2.55	2.17 2.17 2.17	1.92 1.92 1.92	A	339.3	5.46		
07471+1847	1	F CA	A 37984 B 37984	8.984 9.168	0.026 0.031						116.779 415 29 116.779 489 89	+18.788 658 35 +18.788 680 07	3.27 3.27	-2.23 -2.23	-4.41 -4.41	6.26 5.86	4.26 3.85	1.52 1.52	1.33 1.33	0.86 0.86	A	73		0.27				
07472-4324	1	F CA	A 37993 B 37993	7.998 8.817	0.007 0.014						116.796 003 25 116.795 880 22	-43.394 559 52 -43.394 510 34	1.45 1.45	-6.42 -6.42	9.04 9.04	1.29 3.10	1.41 3.84	0.99 0.99	0.90 0.90	1.01 1.01	A	299		0.367				
07475-2942	1	F CA	A 38015 B 38015	8.818 9.577	0.164 0.331						116.870 188 61 116.870 230 09	-29.693 280 48 -29.693 290 74	-0.57 -0.57	-2.05 -2.05	7.65 7.65	10.68 18.77	9.28 19.86	0.95 0.95	0.70 0.70	0.77 0.77	A	106		0.13				
07476+0455	1	F CA	A 38024 B 38024	9.361 11.459	0.020 0.137						116.890 918 80 116.890 825 70	+4.914 134 35 +4.914 191 81	5.15 5.15	15.39 15.39	-12.37 -12.37	4.28 35.23	3.03 23.60	2.74 2.74	2.74 2.74	2.44 2.44	A	302		0.39				
07477-6343	1	F CA	A 38034 B 38034	9.066 11.376	0.005 0.037						116.929 753 57 116.930 298 98	-63.719 115 47 -63.719 102 34	3.77 3.77	-38.36 -38.36	35.39 35.39	1.21 11.37	1.12 11.40	1.13 1.13	1.41 1.41	1.35 1.35	A	87		0.87				

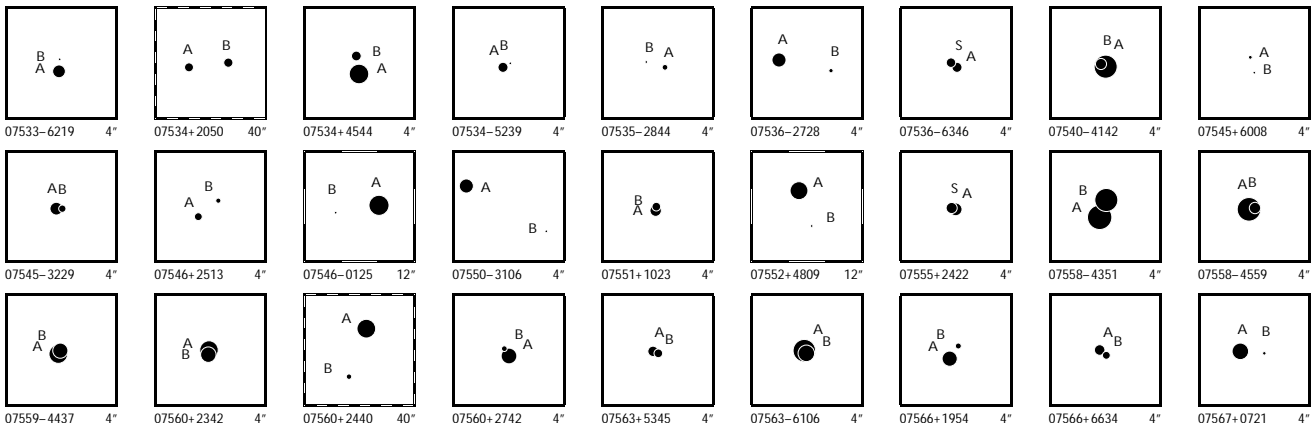


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
07478-0332	1	F C B	A 38039 S 38039	8.349 0.311 9.261 0.720								116.949 478 00 116.949 486 69	-3.529 637 42 -3.529 669 26	5.48 5.48	-2.28 -2.28	-0.75 -0.75	17.65 17.10 1.07 1.30 1.02 50.88 48.68 1.07 1.30 1.02	A 165	0.12							
07479-1212	1	L C A	A 38048 B 38048	5.786 0.003 7.484 0.012	6.171 0.006	5.672 0.006						116.986 592 14 116.986 552 56	-12.192 892 76 -12.192 445 94	33.06 33.06	-104.67 -117.55	77.39 57.81	0.80 0.57 0.84 0.78 0.47 5.41 3.92 1.84 2.81 1.96	A 355.1	1.615	-0.5	-0.018					
07480+2840	1	F C A	A 38055 B 38055	7.841 0.003 9.717 0.018								116.993 621 17 116.993 899 47	+28.667 431 67 +28.667 303 98	3.91 3.91	-8.67 -8.67	-0.78 -0.78	1.24 0.76 1.28 1.39 0.81 7.77 4.63 1.28 1.39 0.81	A 117.6	0.99							
07480+6018	1	F C A	A 38052 S 38052	7.576 0.168 8.344 0.340								116.988 545 12 116.988 474 90	+60.296 242 74 +60.296 229 75	26.60 26.60	-42.33 -42.33	-75.45 -75.45	11.57 4.86 0.83 0.74 0.68 17.40 10.40 0.83 0.74 0.68	A 250	0.13							
07480-1924	1	F C A	A 38056 B 38056	8.007 0.004 9.099 0.010								116.995 374 25 116.995 223 45	-19.403 581 45 -19.403 485 97	4.38 4.38	-18.03 -18.03	-2.79 -2.79	1.03 0.96 1.35 1.02 0.91 3.36 3.03 1.35 1.02 0.91	A 303.9	0.617							
07480-4433	1	F C A	A 38058 B 38058	8.800 0.006 10.409 0.025	8.792 0.010	8.721 0.016						117.002 627 87 117.003 805 85	-44.544 828 94 -44.544 751 44	2.68 2.68	-10.43 -10.43	5.65 5.65	1.19 1.19 1.29 1.32 1.28 6.06 7.11 1.29 1.32 1.28	A 84.7	3.04							
07481+4049	1	F C A	A 38073 B 38073	10.290 0.012 10.818 0.019								117.032 773 21 117.032 772 90	+40.817 801 54 +40.818 073 64	1.82 1.82	-31.79 -31.79	-10.18 -10.18	4.99 3.00 4.22 5.63 2.86 8.42 6.89 4.22 5.63 2.86	A 0.0	0.98							
07481-5425	1	F C A	A 38068 B 38068	9.201 0.023 10.515 0.077								117.020 544 80 117.020 468 51	-54.418 335 36 -54.418 274 12	9.96 9.96	-6.45 -6.45	44.86 44.86	2.58 2.85 1.03 1.42 1.13 8.79 8.77 1.03 1.42 1.13	A 324	0.27							
07483-2821	1	F C C	A 38085 B 38085	7.952 0.006 11.645 0.169	9.070 0.010	7.874 0.007						117.078 850 44 117.078 419 28	-28.358 511 00 -28.358 837 32	-1.34 -1.34	-2.75 -2.75	-0.81 -0.81	1.05 1.40 1.73 1.10 1.40 43.90 62.48 1.73 1.10 1.40	A 229	1.80							
07483-5628	1	F C A	A 38087 B 38087	6.658 0.005 8.426 0.023								117.081 272 38 117.081 011 65	-56.471 092 87 -56.471 295 76	1.44 1.44	-4.63 -4.63	7.26 7.26	0.85 0.85 0.84 0.93 0.91 6.36 5.50 0.84 0.93 0.91	A 215.4	0.90							
07484+1820	1	F C A	A 38092 B 38092	7.069 0.003 8.739 0.014	8.261 0.021	6.999 0.010	9.119 0.027	8.647 0.027				117.094 158 74 117.092 299 99	+18.336 835 42 +18.336 943 60	5.31 5.31	17.34 17.34	-20.38 -20.38	1.45 0.86 1.46 1.20 0.79 6.23 3.74 1.46 1.20 0.79	A 273.51	6.36							
07486+2309	1	F C A	A 38106 B 38106	6.851 0.013 7.303 0.022								117.140 167 80 117.140 227 09	+23.140 962 61 +23.141 017 66	3.10 3.10	-10.88 -10.88	-2.04 -2.04	2.75 1.93 0.99 1.12 0.70 4.43 2.99 0.99 1.12 0.70	A 45	0.279							
07486-3045	1	F C A	A 38110 B 38110	7.388 0.048 8.900 0.191								117.152 046 59 117.152 080 37	-30.756 008 63 -30.755 967 85	2.27 2.27	-9.18 -9.18	6.34 6.34	2.63 3.55 0.69 0.48 0.56 9.92 13.30 0.69 0.48 0.56	A 35	0.18							
07486-6341	1	I C A	A 38114 B 38116	7.952 0.006 9.330 0.019	7.901 0.008	7.909 0.010	9.326 0.017	9.227 0.021				117.160 882 44 117.163 764 54	-63.688 899 73 -63.691 700 06	2.91 3.26	-3.73 -13.79	11.13 12.57	1.46 1.39 1.17 1.62 1.57 6.24 5.86 3.86 5.97 4.98	A 155.48	11.08	+0.04	-0.01					
07487+0156	1	F C A	A 38123 B 38123	9.075 0.011 12.105 0.172	9.050 0.021	8.990 0.026						117.185 100 73 117.184 288 98	+1.939 166 27 +1.938 425 95	5.64 5.64	-9.16 -9.16	-4.58 -4.58	1.96 1.46 1.92 2.27 1.71 32.21 25.87 1.92 2.27 1.71	A 227.6	3.95							
07488-2725	1	F C A	A 38130 B 38130	9.260 0.006 11.106 0.032	9.226 0.010	9.178 0.013	11.048 0.069	10.707 0.078				117.208 401 10 117.207 811 99	-27.415 381 22 -27.416 584 72	3.09 3.09	-9.47 -9.47	0.82 0.82	0.93 1.57 1.96 1.05 1.67 6.76 12.20 1.96 1.05 1.67	A 203.5	4.72							
07489-4637	1	F C A	A 38137 B 38137	9.051 0.008 10.410 0.027	9.035 0.029	9.022 0.038						117.236 100 35 117.236 992 54	-46.621 967 62 -46.621 921 56	0.92 0.92	-5.22 -5.22	8.70 8.70	1.40 1.68 1.53 1.46 1.55 6.65 7.33 1.53 1.46 1.55	A 85.7	2.21							
07490+2834	1	F C A	A 38144 B 38144	7.976 0.005 10.632 0.051	8.164 0.009	7.940 0.011	10.925 0.070	10.326 0.065				117.253 485 94 117.253 396 11	+28.573 992 34 +28.576 255 25	3.82 3.82	15.67 15.67	-12.26 -12.26	1.47 0.92 1.64 1.77 1.00 24.85 15.30 1.64 1.77 1.00	A 358.0	8.15							
07493-1126	1	F F D	A 38174 B 38174	7.982 0.023 11.343 0.507	8.048 0.007	7.985 0.012	11.464 0.157	10.889 0.153				117.332 786 31 117.330 460 32	-11.429 205 36 -11.429 256 66	6.74 6.74	-14.89 -14.89	1.75 1.75	2.21 1.99 2.84 2.54 2.42 44.21 35.76 2.84 2.54 2.42	A 268.7	8.21							
07493-4622	1	F C A	A 38164 C 38164	4.092 0.004 7.191 0.065								117.309 579 23 117.309 646 15	-46.373 227 29 -46.373 309 88	1.66 1.66	-4.62 -4.62	9.04 9.04	0.65 0.71 0.53 0.52 0.54 12.29 13.32 0.53 0.52 0.54	A 151	0.34							
07494-3033	1	F C A	A 38177 B 38177	8.265 0.006 8.544 0.008								117.350 611 08 117.350 195 40	-30.557 973 63 -30.558 166 67	11.91 11.91	23.62 23.62	-13.88 -13.88	1.02 1.43 1.43 1.14 1.51 1.93 2.17 1.43 1.14 1.51	A 241.7	1.464							
07495+0313	1	I C A	A 38189 B 38193	7.894 0.034 9.481 0.118	8.940 0.019	7.803 0.013	9.496 0.030	9.243 0.035				117.374 104 79 117.378 074 96	+3.221 025 75 +3.225 547 30	5.91 5.51	1.00 36.22	-9.32 -23.35	2.53 1.89 2.21 2.54 2.03 35.69 29.07 15.46 24.98 21.98	A 41.2	21.65	+0.1	+0.01					
07495+3924	1	F C A	A 38191 B 38191	10.500 0.095 11.076 0.161								117.377 150 46 117.377 211 91	+39.395 459 47 +39.395 503 57	4.93 4.93	5.93 5.93	-5.09 -5.09	10.17 7.96 2.52 3.69 1.81 21.76 16.39 2.52 3.69 1.81	A 47	0.23							
07495+4129	1	F C A	A 38195 B 38195	9.449 0.009 10.852 0.031	9.960 0.032	9.338 0.028						117.383 160 29 117.382 875 72	+41.469 626 06 +41.469 066 89	5.52 5.52	66.98 66.98	-275.67 -275.67	2.59 1.49 2.32 3.19 1.69 12.06 6.64 2.32 3.19 1.69	A 200.9	2.15							
07496-0957	1	F C C	A 38204 B 38204	8.547 0.008 12.334 0.247								117.409 997 91 117.409 942 33	-9.945 619 85 -9.945 882 29	1.25 1.25	-1.92 -1.92	0.00 0.00	1.40 1.15 1.94 1.66 1.55 57.30 50.24 1.94 1.66 1.55	A 192	0.97							
07496-5505	1	F C A	A 38203 B 38203	7.551 0.005 9.098 0.018								117.411 651 71 117.413 187 98	-55.078 955 52 -55.078 303 99	3.94 3.94	3.60 3.60	-1.54 -1.54	0.83 0.81 0.85 1.03 0.90 4.96 4.43 0.85 1.03 0.90	A 53.5	3.940							
07498+2616	1	F C A	A 38221 B 38221	7.044 0.003 10.092 0.045								117.448 871 48 117.448 809 70	+26.263 847 91 +26.263 743 17	5.71 5.71	-35.98 -35.98	-10.38 -10.38	1.03 0.78 0.91 0.91 0.74 15.07 10.57 0.91 0.91 0.74	A 208	0.43							

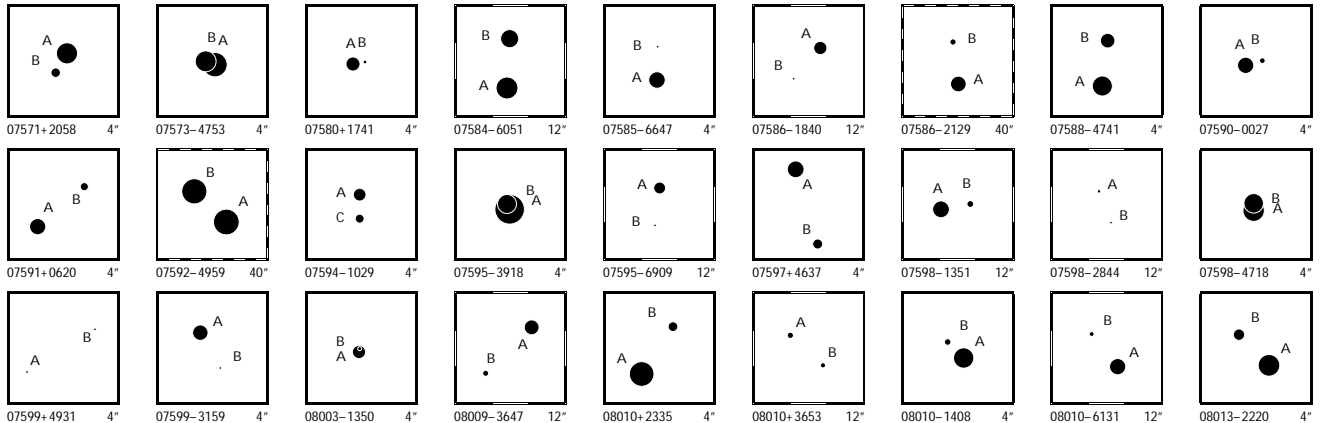


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry												
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt							
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29					
07499-4209	1	F	C	A	38230	8.323	0.052				117.486	808	07	-42.145	765	89	3.19	-13.35	4.11	3.33	5.74	0.89	0.80	0.93	A	32	0.21			
				B	38230	10.461	0.373				117.486	849	88	-42.145	716	94	3.19	-13.35	4.11	20.08	28.43	0.89	0.80	0.93						
07501-0053	1	F	N	D	A	38242	9.854	0.047			117.516	886	28	-0.882	026	90	3.67	-9.19	-0.25	5.07	4.44	5.14	7.13	4.65	A	118	3.89			
				B	38242	11.851	0.240				117.517	840	45	-0.882	535	68	3.67	-9.19	-0.25	42.93	36.02	5.14	7.13	4.65						
07501-2815	1	F	F	C	A	38241	11.265	0.071			117.513	042	69	-28.255	179	21	7.53	-12.47	8.48	10.44	16.61	10.55	6.60	7.68	A	335	0.35			
				B	38241	12.759	0.195				117.512	995	46	-28.255	091	15	7.53	-12.47	8.48	39.47	58.93	10.55	6.60	7.68						
07504-3210	1	L	C	A	38264	8.979	0.009	9.458	0.025	8.959	0.025	117.590	333	84	-32.166	845	01	-0.12	-1.73	-17.10	1.47	2.01	2.04	1.21	1.52	A	325.72	10.139	+0.07	+0.014
				B	38264	9.525	0.014	11.092	0.064	9.405	0.024	117.588	460	02	-32.164	517	74	-0.12	0.39	0.76	4.15	4.48	2.04	2.77	3.02					
07505+1729	1	F	C	A	38270	8.631	0.122				117.613	063	71	+17.475	543	51	1.09	-6.31	-1.78	8.40	4.27	1.13	0.97	0.63	A	69	0.14			
				B	38270	9.644	0.310				117.613	100	41	+17.475	557	19	1.09	-6.31	-1.78	19.16	11.73	1.13	0.97	0.63						
07507-4833	1	F	C	A	38290	8.000	0.005				117.669	427	18	-48.543	052	96	3.04	-6.13	9.47	1.00	1.12	0.80	0.83	0.77	A	14	0.42			
				B	38290	10.872	0.073				117.669	469	38	-48.542	940	63	3.04	-6.13	9.47	15.90	13.95	0.80	0.83	0.77						
07508-0506	1	F	N	D	A	38298	8.481	0.015			117.697	094	32	-5.096	009	05	2.70	9.11	-9.08	1.82	1.48	1.47	1.82	1.35	A	153	0.33			
				B	38298	12.118	0.431				117.697	135	68	-5.096	090	85	2.70	9.11	-9.08	88.35	73.27	1.47	1.82	1.35						
07508-7047	1	L	C	A	38299	8.500	0.005	8.710	0.017	8.373	0.020	117.697	196	57	-70.778	242	81	7.47	-36.18	40.04	1.42	1.40	1.19	1.40	1.26	A	210.4	1.953	-0.2	+0.001
				B	38299	8.916	0.007	9.177	0.016	8.729	0.016	117.696	362	12	-70.778	710	63	7.47	-29.61	35.50	2.49	2.36	1.19	2.11	2.04					
07510-0150	1	F	C	A	38315	9.675	0.040				117.750	161	88	-1.829	668	74	5.93	-29.11	-35.69	8.51	10.90	5.93	7.15	5.67	A	222	0.45			
				B	38315	12.577	0.583				117.750	077	13	-1.829	761	94	5.93	-29.11	-35.69	65.26	65.51	5.93	7.15	5.67						
07510-0307	1	F	C	A	38313	8.490	0.008	9.375	0.029	8.382	0.021	117.746	832	48	-3.120	982	97	4.34	-12.17	7.21	2.06	1.56	2.06	2.15	1.54	A	313.1	6.08		
				B	38313	10.234	0.038	10.533	0.102	10.286	0.137	117.745	596	70	-3.119	830	11	4.34	-12.17	7.21	11.49	8.29	2.06	2.15	1.54					
07510-2432	1	F	C	A	38316	6.493	0.003				117.750	341	83	-24.528	486	31	6.46	-2.86	-29.17	0.67	0.69	0.92	0.89	0.69	A	60	1.00			
				B	38316	9.818	0.069				117.750	605	15	-24.528	347	13	6.46	-2.86	-29.17	16.11	17.16	0.92	0.89	0.69						
07513+3849	1	F	C	A	38353	8.756	0.008	8.900	0.014	8.646	0.016	117.829	202	13	+38.821	499	23	4.23	-0.53	-9.63	2.19	0.99	2.03	2.59	1.47	A	44	1.38		
				B	38353	10.720	0.045				117.829	544	83	+38.821	773	97	4.23	-0.53	-9.63	17.77	7.89	2.03	2.59	1.47						
07513-0924	1	F	C	A	38356	7.513	0.111				117.835	332	30	-9.404	698	84	2.47	-13.29	2.69	9.54	2.40	1.00	0.85	0.70	A	93	0.16			
				B	38356	7.727	0.135				117.835	378	06	-9.404	700	94	2.47	-13.29	2.69	9.71	2.88	1.00	0.85	0.70						
07518-1354	1	L	C	A	38382	5.670	0.003				117.943	098	95	-13.897	190	57	59.98	-68.46	-344.83	0.96	0.82	0.95	1.11	1.03	A	293.3	0.560	+2.0	-0.003	
				B	38382	6.571	0.007				117.942	951	89	-13.897	129	08	59.98	-58.26	-328.21	2.08	2.01	0.95	1.90	1.89						
07518-5542	1	F	C	A	38387	7.913	0.025				117.952	269	01	-55.702	533	40	3.25	-12.29	14.09	3.00	3.24	0.79	0.92	0.78	A	173	0.23			
				B	38387	9.378	0.098				117.952	283	32	-55.702	597	50	3.25	-12.29	14.09	11.80	9.45	0.79	0.92	0.78						
07520-3138	1	F	C	A	38395	8.120	0.005	7.830	0.014	7.941	0.016	117.988	554	64	-31.636	455	20	1.64	-5.56	6.07	0.92	1.14	1.27	0.90	1.11	A	99.9	1.258		
				B	38395	9.029	0.012				117.988	958	77	-31.636	515	47	1.64	-5.56	6.07	4.08	3.41	1.27	0.90	1.11						
07521-0303	1	F	C	A	38410	7.170	0.006	7.417	0.012	7.129	0.010	118.035	352	41	-3.054	151	17	8.68	-39.61	7.50	1.41	0.99	1.29	1.54	1.07	A	353.6	2.75		
				B	38410	9.197	0.041	9.418	0.049	8.979	0.034	118.035	267	22	-3.053	391	02	8.68	-39.61	7.50	10.56	8.09	1.29	1.54	1.07					
07522-5937	1	F	C	A	38416	7.616	0.005	7.577	0.007	7.607	0.008	118.055	516	22	-59.613	690	91	2.87	-5.22	11.36	0.85	0.89	0.83	0.85	0.89	A	327.4	5.08		
				B	38416	9.864	0.035	9.784	0.031	9.575	0.038	118.054	015	84	-59.612	502	84	2.87	-5.22	11.36	7.52	7.99	0.83	0.85	0.89					
07523-2938	1	F	C	A	38429	9.868	0.018	9.856	0.019	9.804	0.026	118.084	109	93	-29.632	113	12	2.07	-3.49	4.16	1.81	2.24	2.86	2.07	2.12	A	28.5	15.79		
				B	38429	11.952	0.116	11.706	0.119	11.192	0.113	118.086	520	09	-29.628	260	95	2.07	-3.49	4.16	25.41	43.17	2.86	2.07	2.12					
07523-3442	1	F	C	A	38423	5.161	0.002	5.624	0.006	5.149	0.004	118.065	846	35	-34.706	021	21	55.48	-198.24	238.13	0.40	0.46	0.54	0.43	0.45	A	268.5	3.69		
				B	38423	8.471	0.050	10.074	0.100	8.594	0.036	118.064	601	23	-34.706	047	67	55.48	-198.24	238.13	9.73	10.00	0.54	0.43	0.45					
07524-3833	1	F	F	C	A	38432	11.681	0.033			118.090	344	66	-38.545	601	59	2.43	8.46	19.47	9.49	11.71	12.34	10.66	10.12	A	37	1.06			
				B	38432	12.970	0.095				118.090	572	01	-38.545	368	40	2.43	8.46	19.47	53.89	69.83	12.34	10.66	10.12						
07526+1201	1	I	C	A	38445	10.297	0.048	10.372	0.046	10.119	0.054	118.139	711	02	+12.019	347	41	-1.10	-8.10	-5.56	6.92	5.27	5.35	6.83	5.61	A	357.7	19.62	0.0	-0.01
				B	38444	10.544	0.053																							

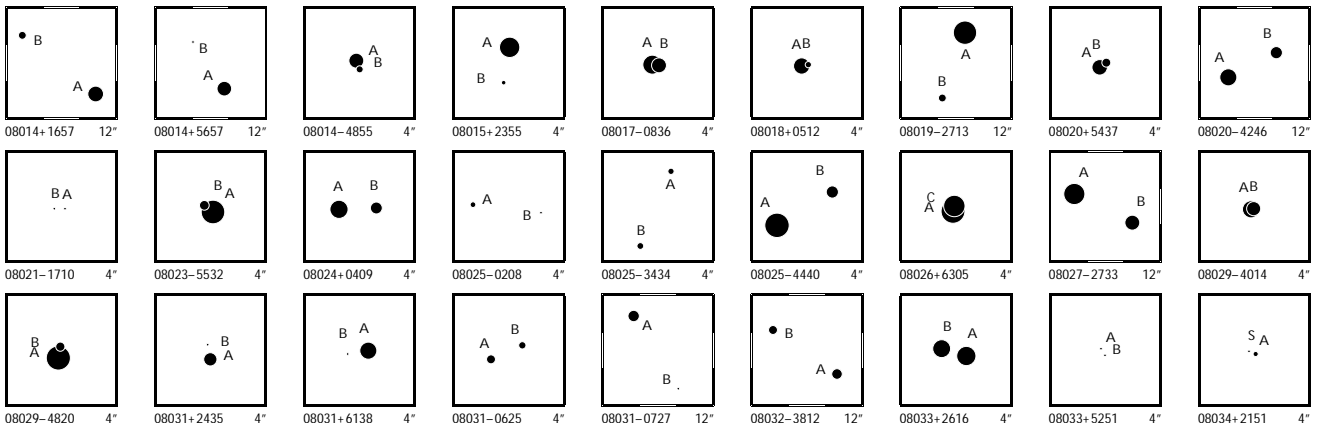
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
07533-6219	1	F CA	A 38521 B 38521	9.165 0.008 11.907 0.102								118.329 869 54 118.329 848 08	-62.315 985 47 -62.315 858 67	8.08 8.08	-29.59 -29.59	26.56 26.56	1.56 1.92 1.22 1.31 1.44 26.75 24.88 1.22 1.31 1.44	A	356	0.46						
07534+2050	1	I CA	A 38528 B 38529	9.950 0.033 10.005 0.033	10.590 0.060 11.008 0.075	9.859 0.049 9.838 0.044						118.346 566 72 118.350 853 51	+20.837 311 31 +20.836 880 51	8.35 -14.88	-38.24 12.64	4.33 -5.74	7.82 5.45 7.43 9.96 5.79 9.58 6.27 6.12 7.47 4.95	B	96.14	14.51	+0.02	+0.05				
07534+4544	1	F CA	A 38527 B 38527	7.665 0.003 9.849 0.019								118.345 320 84 118.345 368 02	+45.741 340 07 +45.741 520 35	4.69 4.69	15.45 15.45	7.86 7.86	1.25 0.74 1.33 1.75 0.99 9.13 4.20 1.33 1.75 0.99	A	10	0.660						
07534-5239	1	F CA	A 38526 B 38526	9.809 0.042 11.502 0.198								118.338 151 81 118.338 020 27	-52.653 785 45 -52.653 744 78	9.43 9.43	83.83 83.83	25.14 25.14	6.70 4.31 1.70 1.62 1.87 25.17 23.19 1.70 1.62 1.87	A	297	0.32						
07535-2844	1	F CB	A 38540 B 38540	10.739 0.098 12.028 0.124								118.386 427 64 118.386 649 73	-28.735 318 41 -28.735 266 71	-2.10 -2.10	-1.20 -1.20	0.92 0.92	13.60 8.16 8.08 13.90 6.59 30.27 27.42 8.08 13.90 6.59	A	75	0.73						
07536-2728	1	F CA	A 38550 B 38550	8.857 0.004 11.027 0.029	9.400 0.010	8.741 0.009						118.409 989 60 118.409 390 55	-27.463 758 08 -27.463 869 92	11.40 11.40	43.66 43.66	-53.65 -53.65	0.76 1.09 1.66 0.81 1.06 5.80 9.87 1.66 0.81 1.06	A	258.1	1.96						
07536-6346	1	F CA	A 38542 S 38542	9.795 0.028 9.894 0.030								118.388 379 89 118.388 510 30	-63.769 917 70 +60.133 071 86	3.48 3.48	-0.61 -0.61	13.07 13.07	4.53 4.28 1.27 1.53 1.40 4.16 3.72 1.27 1.53 1.40	A	48	0.278						
07540-4142	1	F CA	A 38584 B 38584	6.922 0.024 9.514 0.265								118.509 216 78 118.509 286 57	-41.702 939 81 -41.702 916 36	2.26 2.26	-7.19 -7.19	7.63 7.63	2.89 1.83 0.60 0.54 0.50 18.93 18.33 0.60 0.54 0.50	A	66	0.21						
07545+6008	1	F CC	A 38619 B 38619	11.130 0.013 13.618 0.121								118.617 198 52 118.617 123 16	+60.133 227 65 +60.133 071 86	10.37 10.37	-76.05 -76.05	-72.98 -72.98	2.32 2.43 3.04 2.39 2.61 38.08 36.16 3.04 2.39 2.61	A	194	0.58						
07545-3229	1	F CA	A 38622 B 38622	9.205 0.028 10.392 0.085								118.620 228 96 118.620 156 39	-32.489 722 88 -32.489 717 26	2.27 2.27	-5.46 -5.46	3.83 3.83	3.26 2.08 1.08 0.81 0.83 8.60 7.42 1.08 0.81 0.83	A	275	0.22						
07546+2513	1	F CA	A 38630 B 38630	10.262 0.012 10.862 0.020								118.653 027 68 118.652 792 15	+25.213 403 06 +25.213 560 80	2.27 2.27	-59.34 -59.34	-8.21 -8.21	3.01 2.16 2.83 2.94 2.32 7.24 4.30 2.83 2.94 2.32	A	306.5	0.95						
07546-0125	1	F NC	A 38625 B 38625	7.586 0.012 11.622 0.499	8.318 0.017	7.494 0.011						118.643 024 08 118.644 361 51	-1.412 107 30 -1.412 323 94	52.01 52.01	-251.57 -251.57	-62.07 -62.07	1.90 1.36 1.85 2.07 1.48 102.14 76.92 1.85 2.07 1.48	A	99	4.88						
07550-3106	1	F CA	A 38670 B 38670	8.869 0.007 11.382 0.066	10.043 0.019	8.808 0.011	11.823 0.181	11.077 0.134				118.760 503 05 118.759 542 73	-31.099 076 93 -31.099 543 67	0.81 0.81	9.80 9.80	10.14 10.14	1.01 1.25 1.54 1.08 1.14 13.07 15.38 1.54 1.08 1.14	A	240.4	3.40						
07551+1023	1	F CA	A 38672 B 38672	9.506 0.155 10.095 0.267								118.765 669 31 118.765 664 29	+10.384 678 20 +10.384 724 49	2.46 2.46	0.30 0.30	-13.77 -13.77	8.12 13.16 1.41 1.65 1.46 14.02 19.47 1.41 1.65 1.46	A	354	0.17						
07552+4809	1	F ND	A 38687 B 38687	8.051 0.004 11.804 0.135	8.062 0.007	8.030 0.009						118.807 813 82 118.807 217 01	+48.148 186 48 +48.147 104 44	1.94 1.94	-8.83 -8.83	-13.82 -13.82	1.36 0.74 1.30 1.69 1.02 49.50 25.86 1.30 1.69 1.02	A	200	4.15						
07555+2422	1	F CA	A 38711 S 38711	9.164 0.189 9.510 0.259								118.880 808 18 118.880 850 06	+24.363 179 38 +24.363 195 93	3.97 3.97	-5.43 -5.43	-6.57 -6.57	16.81 12.78 1.17 1.24 0.90 20.77 16.85 1.17 1.24 0.90	A	67	0.15						
07558-4351	1	L CA	A 38732 B 38732	6.622 0.003 6.889 0.004								118.944 147 55 118.944 059 86	-43.845 057 68 -43.844 877 16	3.81 3.81	-12.42 -10.38	1.40 7.72	0.95 1.21 1.04 0.86 1.01 2.02 1.91 1.04 1.17 1.24	A	340.7	0.689	+0.3	+0.005				
07558-4559	1	F CA	A 38737 B 38737	6.802 0.022 9.456 0.249								118.958 930 79 118.958 849 91	-45.980 069 87 -45.980 057 47	3.17 3.17	-11.91 -11.91	5.52 5.52	2.70 1.30 0.56 0.62 0.45 18.68 12.40 0.56 0.62 0.45	A	282	0.21						
07559-4437	1	F CA	A 38746 B 38746	7.831 0.080 8.652 0.170								118.982 405 50 118.982 379 39	-44.620 487 10 -44.620 450 34	1.13 1.13	-6.69 -6.69	6.92 6.92	2.99 5.34 0.56 0.55 0.46 7.31 9.92 0.56 0.55 0.46	A	333	0.15						
07560+2342	1	F CA	A 38755 B 38755	7.897 0.043 8.571 0.080								119.011 711 85 119.011 718 80	+23.693 095 26 +23.693 044 78	15.93 15.93	-138.71 -138.71	-148.87 -148.87	2.43 4.18 0.90 0.87 0.60 4.31 6.23 0.90 0.87 0.60	A	173	0.183						
07560+2440	1	F ND	A 38752 B 38753	7.866 0.019 10.817 0.243	8.947 0.016	7.803 0.011	10.800 0.066	10.388 0.075				119.006 258 95 119.008 270 82	+24.665 703 73 +24.665 775 19	1.19 29.46	-0.17 -30.87	6.25 19.04	2.45 1.49 2.06 2.14 1.56 87.58 55.23 47.62 51.43 38.30	A	159.6	18.92	+0.1	-0.02				
07560+2742	1	F CA	A 38749 B 38749	8.493 0.011 10.764 0.089								118.996 359 34 118.996 414 55	+27.693 027 35 +27.693 101 17	3.84 3.84	-12.74 -12.74	-8.74 -8.74	2.65 2.63 1.59 1.74 1.15 19.05 16.13 1.59 1.74 1.15	A	34	0.32						
07563+5345	1	F CA	A 38780 B 38780	9.693 0.062 10.085 0.088								119.066 892 67 119.066 805 63	+53.750 738 12 +53.750 707 99	4.75 4.75	25.46 25.46	-9.71 -9.71	6.70 4.94 1.51 1.75 1.13 10.41 8.29 1.51 1.75 1.13	A	240	0.21						
07563-6106	1	F CA	A 38779 B 38779	7.016 0.141 8.354 0.484								119.065 743 23 119.065 697 56	-61.099 459 68 -61.099 484 14	2.49 2.49	-5.14 -5.14	13.69 13.69	5.37 6.07 0.50 0.51 0.49 18.76 20.54 0.50 0.51 0.49	A	222	0.12						
07566+1954	1	F CA	A 38814 B 38814	8.646 0.005 10.694 0.031								119.152 028 00 119.151 936 40	+19.896 386 81 +19.896 520 15	3.24 3.24	-11.40 -11.40	-25.94 -25.94	1.59 1.09 1.56 1.73 0.96 11.20 6.31 1.56 1.73 0.96	A	327	0.57						
07566+6634	1	F CA	A 38812 B 38812	9.678 0.028 10.272 0.048								119.148 072 97 119.147 876 79	+66.563 596 87 +66.563 540 64	2.96 2.96	63.41 63.41	-16.07 -16.07	3.15 2.86 1.99 1.47 1.63 6.25 6.35 1.99 1.47 1.63	A	234	0.35						
07567+0721	1	F CA	A 38823 B 38823	8.331 0.006 11.226 0.086								119.186 097 85 119.185 847 77	+7.357 535 45 +7.357 517 56	3.62 3.62	-7.17 -7.17	-13.13 -13.13	1.64 1.31 1.67 1.67 1.47 21.95 20.46 1.67 1.67 1.47	A	266	0.90						



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3	5-6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
07571+2058	1	F	C	A 38856 B 38856	7.346 9.923	0.003 0.027					119.274 017 76 119.274 141 25	+20.966 928 31 +20.966 734 54	6.29 6.29	-18.63 -18.63	1.00 1.00	1.02 12.08	0.65 5.75	1.01 1.01	1.09 1.09	0.68 0.68	A	149	0.81			
07573-4753	1	L	C	A 38879 B 38879	6.615 7.394	0.006 0.012					119.333 651 25 119.333 790 06	-47.890 728 55 -47.890 696 07	3.23 3.23	-9.12 -16.95	9.46 1.29	1.22 2.72	1.08 2.85	0.74 0.74	0.84 1.38	0.71 1.46	A	70.8	0.355	+0.8	-0.010	
07580+1741	1	F	C	A 38935 B 38935	8.902 11.143	0.015 0.114					119.500 804 92 119.500 675 24	+17.689 934 86 +17.689 953 48	2.18 2.18	3.54 3.54	-5.09 -5.09	3.05 21.90	1.33 10.75	1.96 1.96	2.22 2.22	1.27 1.27	A	279	0.45			
07584-6051	1	F	C	A 38966 B 38966	7.146 8.007	0.005 0.010	7.054 7.907	0.012 0.033	7.062 7.906	0.016 0.038	119.592 963 41 119.592 801 60	-60.857 745 90 -60.856 233 26	4.24 4.24	-4.02 -4.02	12.54 12.54	0.90 2.73	0.80 2.31	0.79 0.79	0.88 0.88	0.81 0.81	A	357.02	5.453			
07585-6647	1	F	N	D	A 38976 B 38976	8.349 12.109	0.006 0.201	8.348	0.010	8.309	0.012	119.634 939 39 119.634 907 93	-66.774 557 35 -66.774 213 16	5.16 5.16	-13.03 -13.03	18.48 18.48	1.14 37.69	1.07 49.31	0.98 0.98	1.05 1.05	1.08 1.08	A	358	1.24		
07586-1840	1	F	C	C	A 38982 B 38982	9.060 12.695	0.013 0.346	9.014	0.018	9.038	0.024	119.658 663 45 119.659 517 26	-18.663 969 19 -18.664 936 92	2.67 2.67	-9.01 -9.01	7.15 7.15	1.32 59.84	1.36 61.30	1.69 1.69	1.57 1.57	1.73 1.73	A	140	4.54		
07586-2129	1	F	C	A	A 38978 B 38978	8.548 10.618	0.010 0.059	9.744	0.017	8.484	0.011	119.642 766 65 119.643 307 87	-21.487 733 84 -21.483 482 73	2.00 2.00	-2.94 -2.94	0.40 0.40	1.22 14.59	1.08 13.23	1.67 1.67	1.24 1.24	0.97 0.97	A	6.8	15.41		
07588-4741	1	F	C	A	A 38993 B 38993	7.576 8.759	0.004 0.012	7.394	0.014	7.514	0.015	119.709 838 47 119.709 749 90	-47.682 933 65 -47.682 463 47	2.68 2.68	-12.12 -12.12	4.98 4.98	0.86 3.55	0.75 3.03	0.84 0.84	0.92 0.92	0.73 0.73	A	352.8	1.706		
07590-0027	1	F	C	A	A 39012 B 39012	8.404 10.712	0.005 0.040					119.753 336 00 119.753 164 52	-0.443 212 34 -0.443 160 86	5.11 5.11	-5.17 -5.17	-7.26 -7.26	1.59 13.72	1.20 10.64	1.59 1.59	1.79 1.79	1.37 1.37	A	287	0.64		
07591+0620	1	F	C	A	A 39025 B 39025	8.370 10.208	0.005 0.023	8.595	0.015	8.240	0.016	119.775 146 65 119.774 663 03	+6.336 781 45 +6.337 181 73	2.34 2.34	-12.58 -12.58	-4.68 -4.68	1.58 8.47	1.20 6.33	1.56 1.56	1.85 1.85	1.39 1.39	A	309.8	2.25		
07592-4959	1	I	N	B	A 39035 B 39038	6.299 6.431	0.042 0.045	6.112 6.141	0.004 0.004	6.285 6.304	0.005 0.005	119.801 290 13 119.806 523 53	-49.976 869 27 -49.973 789 39	2.54 3.89	-5.37 -10.57	7.53 7.29	3.37 12.62	3.58 13.25	2.90 6.13	3.73 7.98	3.30 6.97	A	47.54	16.42	-0.01	0.00
07594-1029	1	L	C	A	A 39056 C 39056	9.207 10.010	0.006 0.011					119.849 548 44 119.849 550 00	-10.482 589 37 -10.482 837 21	1.10 1.10	-5.62 3.02	4.18 -5.55	2.03 4.39	1.93 4.67	2.25 2.25	1.79 3.06	1.82 2.98	A	179.6	0.892	-0.6	+0.010
07595-3918	1	L	C	A	A 39061 B 39061	5.434 7.771	0.014 0.119					119.868 434 83 119.868 467 95	-39.296 843 91 -39.296 784 57	17.28 17.28	-76.81 -91.54	-46.40 -20.27	1.38 11.97	1.89 11.08	0.58 0.58	0.78 6.38	0.55 3.14	A	23	0.233	-6	+0.018
07595-6909	1	F	C	A	A 39060 B 39060	9.377 11.642	0.008 0.060	11.119	0.060	9.377	0.023	119.865 879 81 119.866 349 19	-69.152 060 81 -69.153 210 28	-0.01 -0.01	-6.08 -6.08	8.61 8.61	1.40 13.41	1.44 13.60	1.32 1.32	1.47 1.47	1.52 1.52	A	171.7	4.18		
07597+4637	1	F	C	A	A 39074 B 39074	8.252 9.788	0.005 0.021	8.733	0.013	8.179	0.012	119.919 970 36 119.919 638 81	+46.620 150 23 +46.619 383 11	8.63 8.63	-32.20 -32.20	-39.36 -39.36	1.64 7.10	0.92 4.52	1.70 1.70	2.55 2.55	1.64 1.64	A	196.5	2.88		
07598-1351	1	F	C	A	A 39089 B 39089	8.301 10.494	0.005 0.040	8.395	0.011	8.224	0.012	119.950 387 41 119.949 452 41	-13.850 023 20 -13.849 853 77	4.47 4.47	-4.72 -4.72	-6.79 -6.79	1.15 11.17	0.95 9.54	1.44 1.44	1.27 1.27	1.06 1.06	A	280.6	3.32		
07598-2844	1	F	C	A	A 39086 B 39086	11.198 12.926	0.014 0.066	11.399	0.076	10.924	0.077	119.942 694 35 119.942 281 96	-28.734 196 45 -28.735 150 18	-1.71 -1.71	-4.31 -4.31	2.56 2.56	2.17 18.71	2.78 22.94	3.70 3.70	2.41 2.41	2.80 2.80	A	200.8	3.67		
07598-4718	1	F	N	B	A 39084 B 39084	7.251 7.681	0.014 0.020					119.941 377 68 119.941 385 31	-47.303 575 97 -47.303 504 41	2.74 2.74	-5.74 -5.74	9.65 9.65	1.02 2.80	1.59 3.52	0.80 0.80	0.82 0.82	0.65 0.65	A	4	0.258		
07599+4931	1	F	C	A	A 39097 B 39097	11.432 11.471	0.020 0.021					119.974 566 63 119.973 490 12	+49.510 035 33 +49.510 477 82	13.15 13.15	-6.79 -6.79	-15.16 -15.16	10.20 10.98	5.42 7.04	5.44 5.44	8.73 8.73	5.47 5.47	A	302.3	2.98		
07599-3159	1	F	C	B	A 39099 B 39099	8.603 11.862	0.010 0.209	8.978	0.011	8.491	0.010	119.979 135 12 119.978 896 15	-31.985 339 76 -31.985 700 10	7.60 7.60	-12.45 -12.45	6.22 6.22	1.28 36.75	1.59 44.21	1.91 1.91	1.32 1.32	1.42 1.42	A	209	1.49		
08003-1350	1	F	C	C	A 39130 B 39130	9.083 11.096	0.185 1.182					120.069 671 41 120.069 671 60	-13.839 243 74 -13.839 207 71	-0.57 -0.57	3.26 3.26	4.43 4.43	3.40 21.54	14.58 49.26	1.16 1.16	0.95 0.95	0.90 0.90	A	0	0.13		
08009-3647	1	F	C	A	A 39190 B 39190	8.725 10.682	0.006 0.035	8.850	0.014	8.705	0.017	120.230 763 22 120.232 535 29	-36.782 097 14 -36.783 523 12	4.33 4.33	-11.57 -11.57	25.72 25.72	0.90 6.88	1.08 7.85	1.17 1.17	0.88 0.88	1.05 1.05	A	135.1	7.24		
08010+2335	1	F	C	A	A 39194 B 39194	6.532 9.825	0.003 0.070	7.644	0.008	6.471	0.005	120.253 306 32 120.252 950 12	+23.583 161 49 +23.583 646 07	11.83 11.83	-19.63 -19.63	-28.17 -28.17	0.98 16.92	0.63 10.53	0.98 0.98	0.90 0.90	0.57 0.57	A	326.0	2.10		
08010+3653	1	F	C	A	A 39193 B 39193	10.637 10.862	0.015 0.018	11.241	0.075	10.484	0.060	120.240 805 29 120.239 560 84	+36.878 060 60 +36.877 161 63	3.21 3.21	6.15 6.15	-11.62 -11.62	7.07 8.03	3.84 4.91	4.13 4.13	3.92 3.92	2.73 2.73	A	227.9	4.83		
08010-1408	1	F	C	A	A 39197 B 39197	7.470 10.545	0.003 0.048					120.259 174 30 120.259 931 97	-14.138 112 15 -14.137 951 79	7.14 7.14	9.97 9.97	-14.41 -14.41	0.87 16.25	0.72 15.97	1.12 1.12	0.89 0.89	0.89 0.89	A	44	0.80		
08010-6131	1	F	C	A	A 39195 B 39195	8.388 10.895	0.004 0.041	8.356	0.008	8.350	0.010	120.253 659 05 120.255 321 14	-61.524 253 92 -61.523 254 01	2.87 2.87	-4.70 -4.70	12.19 12.19	0.79 7.89	0.76 7.49	0.75 0.75	0.82 0.82	0.79 0.79	A	38.4	4.59		
08013-2220	1	F	C	A	A 39217 B 39217	7.229 9.473	0.004 0.027	7.205	0.006	7.121	0.008	120.327 379 17 120.327 711 25	-22.336 960 55 -22.336 644 31	5.68 5.68	-7.87 -7.87	0.87 0.87	0.89 9.58	0.70 5.65	1.16 1.16	0.94 0.94	0.73 0.73	A	44.2	1.59		

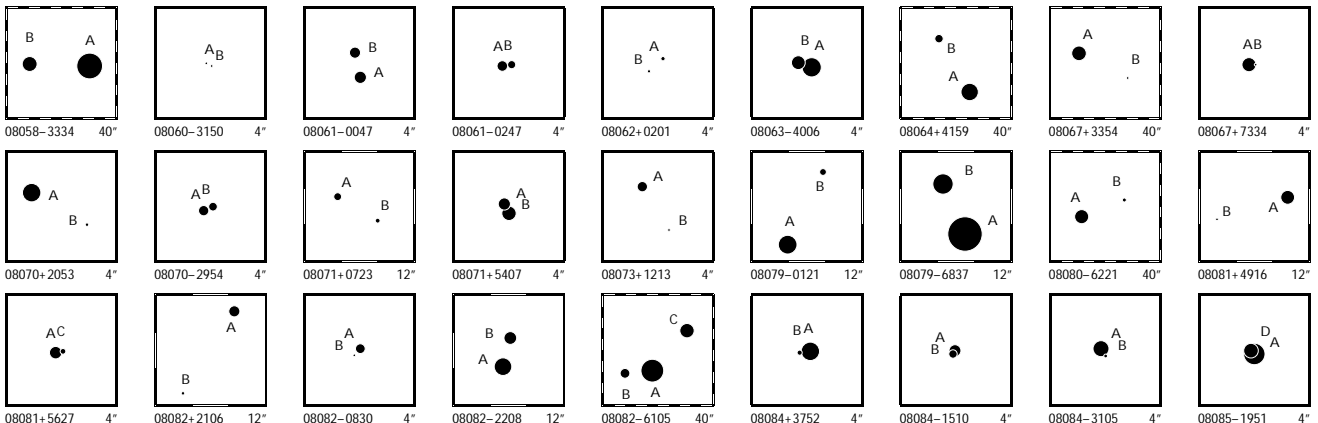


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08014+1657	1	I CA	A 39226 B 39228	8.530 0.006 10.269 0.026	9.010 0.020 10.930 0.102	8.487 0.019 9.773 0.056		120.346 404 80 120.348 756 50	+16.949 481 63 +16.951 283 86	14.19 15.91	-31.00 -15.82 -24.87 -22.01	2.81 1.92 2.21 2.78 2.14 13.48 10.12 8.49 10.51 8.62	A	51.3	10.38	0.0	0.00									
08014+5657	1	F CA	A 39230 B 39230	8.762 0.005 11.544 0.064	9.290 0.014	8.710 0.013		120.356 357 48 120.358 081 41	+56.943 651 42 +56.945 101 71	12.43 12.43	-8.50 -75.56 -8.50 -75.56	1.17 0.96 1.39 1.44 1.21 17.74 14.34 1.24 1.44 1.21	A	33.0	6.22											
08014-4855	1	F CA	A 39231 B 39231	8.680 0.024 10.438 0.121				120.359 188 89 120.359 128 30	-48.913 270 39 -48.913 357 78	2.28 2.28	-5.00 7.89 -5.00 7.89	2.21 3.42 1.24 1.36 1.22 12.41 13.19 1.24 1.36 1.22	A	204	0.35											
08015+2355	1	F CB	A 39235 B 39235	7.470 0.007 10.977 0.170	8.909 0.012	7.413 0.007		120.376 223 85 120.376 290 15	+23.912 771 63 +23.912 410 18	2.61 3.06	-9.31 -16.82 -9.31 -16.82	1.57 1.03 1.51 1.46 0.92 49.20 42.87 1.51 1.46 0.92	A	170	1.32											
08017-0836	1	F CA	D A 39264 B 39264	7.813 0.030 8.695 0.068				120.435 569 03 120.435 500 23	-8.593 172 33 -8.593 172 51	3.06	-48.15 8.13 -48.15 8.13	3.95 1.78 1.04 1.16 0.90 7.57 4.57 1.04 1.16 0.90	A	270	0.245											
08018+0512	1	F CB	A 39268 B 39268	8.408 0.060 10.641 0.470				120.449 307 84 120.449 242 40	+5.201 122 21 +5.201 134 26	3.65 3.65	-11.33 -8.30 -11.33 -8.30	8.44 2.91 1.23 1.34 1.07 38.81 18.75 1.23 1.34 1.07	A	280	0.24											
08019-2713	1	F CA	A 39282 B 39282	6.865 0.003 10.240 0.066	6.790 0.003 9.961 0.031	6.846 0.004 9.888 0.044		120.488 002 74 120.488 777 66	-27.214 789 25 -27.216 798 01	0.59 0.59	-6.20 1.09 -6.20 1.09	0.49 0.63 0.84 0.49 0.66 10.81 14.77 0.84 0.49 0.66	A	161.1	7.65											
08020+5437	1	F CA	A 39301 B 39301	8.603 0.028 10.025 0.102				120.530 863 64 120.530 752 63	+54.615 224 49 +54.615 271 60	5.38 5.38	-15.61 -13.66 -15.61 -13.66	4.22 2.89 1.36 1.48 1.33 14.49 9.29 1.36 1.48 1.33	A	306	0.29											
08020-4246	1	F CA	A 39290 B 39290	8.202 0.005 9.302 0.012	8.100 0.018 9.165 0.021	8.169 0.023 9.193 0.028		120.510 314 21 120.508 271 72	-42.770 172 56 -42.769 415 18	2.60 2.60	-5.31 4.05 -5.31 4.05	0.95 0.99 1.07 0.90 0.92 4.84 4.07 1.07 0.90 0.92	A	296.80	6.05											
08021-1710	1	F CB	A 39293 B 39293	11.717 0.070 13.021 0.233				120.515 028 81 120.515 136 61	-17.172 159 70 -17.172 148 66	34.66 34.66	-345.03 138.00 -345.03 138.00	10.96 5.90 3.79 3.44 3.47 38.26 33.05 3.79 3.44 3.47	A	84	0.37											
08023-5532	1	F CB	A 39310 B 39310	6.786 0.009 9.849 0.099				120.564 718 15 120.564 872 55	-55.540 605 41 -55.540 531 44	2.17 2.17	-6.13 4.51 -6.13 4.51	0.90 0.80 0.73 0.82 0.61 17.02 14.77 0.73 0.82 0.61	A	50	0.41											
08024+0409	1	L CA	A 39325 B 39325	7.961 0.006 9.333 0.020	8.480 0.023	7.728 0.020		120.608 473 79 120.608 092 96	+4.152 327 30 +4.152 345 18	23.79 23.79	64.40 -105.30 66.32 -90.73	1.73 1.48 1.62 1.43 1.30 8.18 5.73 1.62 4.69 3.47	A	272.7	1.369	+0.6	-0.001									
08025-0208	1	F NC	A 39337 B 39337	10.733 0.031 12.875 0.218	11.167 0.082	10.646 0.080		120.620 727 65 120.620 031 31	-2.135 649 53 -2.135 727 30	-2.20 -2.20	0.84 -1.52 0.84 -1.52	5.08 2.95 4.98 6.63 4.50 67.99 38.44 4.98 6.63 4.50	A	264	2.52											
08025-3434	1	F CA	A 39332 B 39332	10.484 0.009 10.649 0.011	10.136 0.041 10.161 0.037	9.814 0.038 9.803 0.042		120.614 540 52 120.614 161 06	-34.566 553 14 -34.565 786 93	-4.61 -4.61	-7.52 5.33 -7.52 5.33	2.93 3.27 3.09 2.11 2.74 4.25 4.45 3.09 2.11 2.74	B	337.8	2.979											
08025-4440	1	F CA	P A 39329 B 39329	6.615 0.004 9.317 0.037	6.574 0.005 9.244 0.035	6.625 0.007 8.889 0.027		120.612 914 84 120.612 117 77	-44.666 996 91 -44.666 655 79	5.09 5.09	-13.10 17.39 -13.10 17.39	0.63 0.61 0.66 0.68 0.56 8.03 8.73 0.66 0.68 0.56	A	301.0	2.38											
08026+6305	1	F CA	A 39340 B 39340	6.742 0.047 7.248 0.075				120.628 437 06 120.628 417 23	+63.090 323 37 +63.090 366 62	6.24 6.24	-12.01 -13.79 -12.01 -13.79	2.69 3.94 0.76 0.49 0.46 4.12 5.10 0.76 0.49 0.46	A	348	0.159											
08027-2733	1	F CA	A 39352 B 39352	7.301 0.003 8.703 0.012	8.337 0.008 8.776 0.010	7.207 0.004 8.621 0.012		120.655 923 46 120.653 904 16	-27.544 293 06 -27.545 178 17	3.12 3.12	-10.04 -4.09 -10.04 -4.09	0.57 0.81 1.11 0.60 0.84 2.15 3.64 1.11 0.60 0.84	A	243.69	7.190											
08029-4014	1	F CA	A 39370 B 39370	8.200 0.124 8.884 0.233				120.728 740 45 120.728 698 07	-40.226 297 09 -40.226 291 23	0.69 0.69	-4.05 4.09 -4.05 4.09	7.29 6.02 0.64 0.54 0.59 11.74 11.10 0.64 0.54 0.59	A	280	0.12											
08029-4820	1	F CA	A 39371 B 39371	6.631 0.004 9.954 0.086				120.732 167 53 120.732 144 60	-48.325 014 21 -48.324 903 34	1.56 1.56	-6.64 6.89 -6.64 6.89	0.87 0.86 0.65 0.71 0.56 21.91 16.21 0.65 0.71 0.56	A	352	0.40											
08031+2435	1	F CA	A 39387 B 39387	9.065 0.005 12.356 0.098				120.786 023 67 120.786 052 53	+24.589 694 55 +24.589 846 45	3.31 3.31	-14.32 -11.65 -14.32 -11.65	1.64 1.26 1.68 1.82 1.08 34.77 21.37 1.68 1.82 1.08	A	10	0.55											
08031+6138	1	F CC	A 39378 B 39378	8.223 0.006 12.008 0.176				120.764 590 80 120.765 031 13	+61.631 233 89 +61.631 197 35	5.91 5.91	1.47 -36.98 1.47 -36.98	1.03 0.94 1.39 0.89 0.86 32.20 31.80 1.39 0.89 0.86	A	100	0.76											
08031-0625	1	F CA	A 39383 B 39383	10.035 0.009 10.359 0.011				120.777 571 23 120.777 250 93	-6.414 466 54 -6.414 318 46	18.70 18.70	-61.71 43.10 -61.71 43.10	3.23 2.32 3.59 3.63 2.70 6.28 5.34 3.59 3.63 2.70	A	294.9	1.26											
08031-0727	1	F CA	A 39381 B 39381	9.481 0.008 11.479 0.048	9.409 0.021	9.477 0.030		120.768 174 05 120.766 797 10	-7.444 887 39 -7.447 110 63	-0.93 -0.93	-3.11 0.85 -3.11 0.85	1.75 1.46 2.18 1.82 1.48 15.43 13.49 2.18 1.82 1.48	A	211.6	9.39											
08032-3812	1	F CA	A 39390 B 39390	9.651 0.009 10.021 0.012	9.643 0.017 10.036 0.023	9.583 0.023 9.873 0.029		120.793 505 67 120.796 002 48	-38.196 557 75 -38.195 197 87	0.37 0.37	-7.73 3.00 -7.73 3.00	1.74 2.05 1.99 1.68 2.01 4.40 4.77 1.99 1.68 2.01	A	55.28	8.59											
08033+2616	1	F CA	A 39401 B 39401	7.756 0.005 8.011 0.006				120.827 074 39 120.827 363 92	+26.267 620 80 +26.267 694 75	5.31 5.31	-11.65 -6.34 -11.65 -6.34	1.53 0.98 1.52 1.49 1.00 2.90 1.85 1.52 1.49 1.00	A	74.1	0.972											
08033+5251	1	F CB	A 39402 B 39402	12.029 0.082 12.344 0.110				120.829 957 21 120.829 889 50	+52.845 597 45 +52.845 534 98	32.07 32.07	363.44 -676.96 363.44 -676.96	9.42 8.67 4.26 4.58 3.49 20.02 16.25 4.26 4.58 3.49	A	213	0.27											
08034+2151	1	F CA	A 39410 S 39410	10.849 0.070 11.478 0.125				120.850 803 01 120.850 866 39	+21.850 291 62 +21.850 322 21	-0.93 -0.93	-14.99 -22.25 -14.99 -22.25	8.80 5.71 2.38 2.19 1.22 21.91 14.45 2.38 2.19 1.22	A	63	0.24											

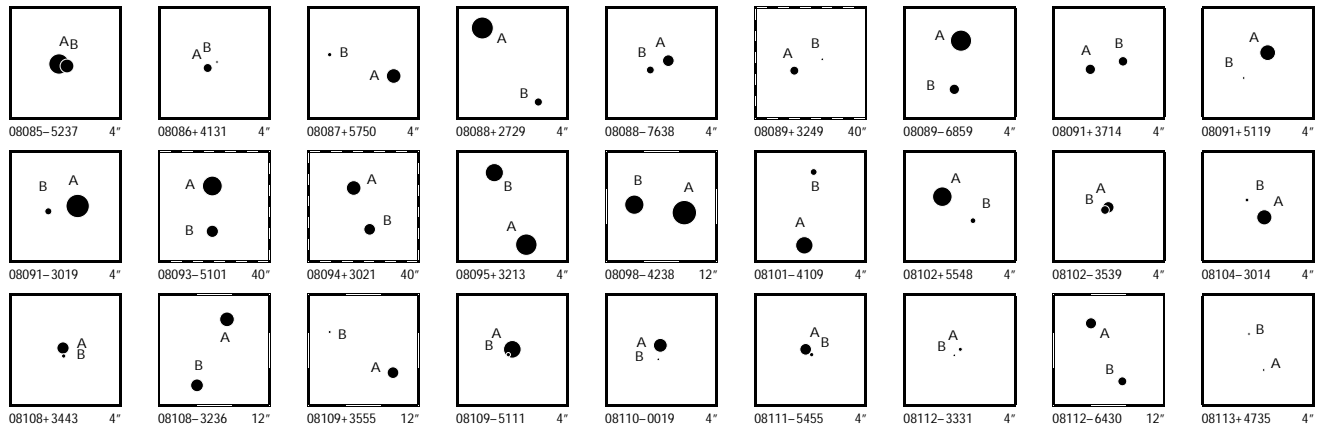


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt						
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
08034-1312	1	F CA	A 39409	9.400	0.009	10.111	0.042	9.275	0.033	120.849	569 86	-13.203	660 13	15.11	-9.71	-13.47	2.55	2.33	2.71	2.53	2.33								
			B 39409	9.449	0.009	10.085	0.039	9.344	0.033	120.848	823 52	-13.202	431 71	15.11	-9.71	-13.47	4.77	4.67	2.71	2.53	2.33	A	329.4	5.14					
08034-3044	1	I CA	A 39411	8.442	0.007	9.332	0.013	8.378	0.010	120.852	224 97	-30.732	179 96	5.36	-6.80	2.28	1.34	1.74	1.79	1.46	1.84								
			B 39413	10.538	0.040	10.777	0.051	10.280	0.050	120.855	048 07	-30.729	864 20	1.04	-10.03	0.10	10.91	15.36	7.97	6.01	9.32	A	46.34	12.08	0.00	0.00			
08038-3531	1	F CA	A 39448	8.539	0.006	8.379	0.009	8.432	0.012	120.962	797 61	-35.511	784 18	0.89	-6.18	7.47	1.03	1.16	1.30	1.05	1.04								
			B 39448	10.307	0.031					120.962	633 78	-35.511	396 27	0.89	-6.18	7.47	6.36	9.38	1.30	1.05	1.04	A	341.0	1.48					
08041+3302	1	F CA	A 39480	7.351	0.006	121.034	972 13	-33.030	736 13	6.00	-9.47	3.39	1.68	1.24	1.44	1.71	1.39												
			B 39480	7.626	0.008	121.034	950 63	+33.030	838 44	6.00	-9.47	3.39	2.51	1.72	1.44	1.71	1.39					A	350.0	0.374					
08041-4955	1	F CA	A 39479	9.893	0.014	121.031	153 52	-49.909	040 88	-0.26	-5.60	8.51	3.39	3.30	2.04	2.43	1.70												
			A 39479	10.051	0.016	121.031	324 07	-49.909	077 68	-0.26	-5.60	8.51	3.99	3.48	2.04	2.43	1.70					B	109	0.417					
08042-0151	1	F CA	A 39486	8.246	0.004	8.167	0.012	8.184	0.015	121.058	664 07	-1.852	813 12	3.81	-4.00	-2.54	1.46	0.91	1.62	1.80	1.28								
			B 39486	9.929	0.018	121.058	915 54	-1.852	428 13	3.81	-4.00	-2.54	7.91	4.91	1.62	1.80	1.28					A	33.1	1.66					
08044+1217	1	L NC	G 39495	8.656	0.024	121.096	233 48	+12.289	947 12	32.03	78.69	-147.86	3.22	2.03	1.80	2.51	2.20												
			B 39495	8.747	0.029	121.096	108 55	+12.290	002 47	32.03	124.70	-121.39	6.01	4.07	1.80	3.62	3.36					A	294.4	0.483	+5.1	-0.031			
			C 39495	11.782	0.341	121.095	511 83	+12.288	547 56	32.03	-69.15	-208.88	78.84	61.98	1.80	57.62	54.33					A	207	5.64	+1	+0.12			
08044-3602	1	F CA	A 39498	9.409	0.008	8.957	0.019	9.233	0.017	121.104	083 02	-36.033	443 02	5.61	17.28	-45.25	1.35	1.49	1.59	1.20	1.42								
			B 39498	10.820	0.029	121.104	644 02	-36.033	477 60	5.61	17.28	-45.25	8.66	7.17	1.59	1.20	1.42					A	264.4	1.28					
08045+1346	1	F CB	A 39507	7.887	0.006	8.101	0.017	7.837	0.014	121.125	122 90	+13.774	436 53	5.04	2.71	9.01	1.57	1.07	1.53	1.56	1.27								
			B 39507	10.966	0.104	121.126	508 72	+13.773	722 62	5.04	2.71	9.01	33.33	22.75	1.53	1.56	1.27					A	117.9	5.48					
08045-2542	1	F CA	A 39514	6.528	0.004	8.495	0.009	6.615	0.003	121.136	037 87	-25.699	698 07	3.96	-16.32	-16.01	0.65	0.69	0.94	0.64	0.66								
			B 39514	9.892	0.080	121.136	273 66	-25.699	229 19	3.96	-16.32	-16.01	17.58	16.74	0.94	0.64	0.66					A	24	1.85					
08045-4246	1	F ND	D 39508	7.735	0.007	7.605	0.007	7.715	0.009	121.125	812 71	-42.758	744 75	0.64	-0.52	4.27	0.91	0.92	1.02	0.92	0.86								
			B 39508	11.993	0.297	121.124	380 29	-42.758	120 85	0.64	-0.52	4.27	62.99	64.70	1.02	0.92	0.86					A	301	4.40					
08046+5445	1	F CA	A 39518	7.905	0.004	7.835	0.008	7.815	0.010	121.154	212 23	+54.746	149 25	3.39	-18.39	-18.17	1.05	0.78	1.27	1.33	1.14								
			B 39518	9.710	0.019	121.153	477 57	+54.745	942 42	3.39	-18.39	-18.17	6.20	5.46	1.27	1.33	1.14					A	244.0	1.70					
08046-5651	1	F CA	A 39519	10.711	0.011	121.154	720 77	-56.857	851 03	2.24	0.12	5.72	2.20	1.91	1.75	1.94	1.65												
			B 39519	12.303	0.047	121.154	475 81	-56.857	883 48	2.24	0.12	5.72	10.78	13.65	1.75	1.94	1.65					A	256	0.50					
08047+4717	1	F ND	D 39533	9.072	0.007	9.445	0.022	8.932	0.021	121.185	198 62	+47.289	876 70	3.31	-13.65	-8.01	1.98	1.19	1.80	2.82	1.80								
			B 39533	9.428	0.010	9.738	0.028	9.228	0.027	121.183	871 92	+47.288	520 14	3.31	-13.65	-8.01	3.67	2.27	1.80	2.82	1.80								
			C 39533																			A	213.56	5.860					
08050+5825	1	F CA	A 39555	9.237	0.028	121.242	946 05	+58.423	979 50	6.02	-25.89	-40.38	2.97	3.36	1.38	1.54	1.52												
			B 39555	9.889	0.051	121.242	995 05	+58.423	914 05	6.02	-25.89	-40.38	6.35	5.82	1.38	1.54	1.52					A	159	0.253					
08050-3419	1	L CA	A 39561	8.477	0.005	121.258	927 71	-34.312	493 89	10.76	-30.65	72.76	1.29	1.32	1.48	1.19	1.13												
			B 39561	8.544	0.005	121.258	715 53	-34.312	296 05	10.76	-30.65	72.76	2.13	2.06	1.48	1.89	1.78					A	318.5	0.951	+0.4	+0.005			
08050-6023	1	F CA	A 39562	7.677	0.005	7.512	0.022	7.563	0.022	121.260	191 65	-60.388	011 02	2.48	-4.29	10.31	0.89	0.88	0.84	0.82	0.78								
			B 39562	8.584	0.010	121.260	078 88	-60.387	570 45	2.48	-4.29	10.31	3.31	3.12	0.84	0.82	0.78					A	352.8	1.599					
08052-1924	1	F CC	A 39575	8.572	0.009	8.511	0.012	8.518	0.015	121.304	047 34	-19.398	501 68	0.93	-6.20	1.92	1.34	1.19	1.49	1.57	1.66								
			B 39575	12.310	0.285	121.306	652 93	-19.397	024 35	0.93	-6.20	1.92	53.28	58.89	1.49	1.57	1.66					A	59.0	10.32					
08052-4525	1	I ND	D 39571	8.381	0.008	8.294	0.010	8.352	0.014	121.292	912 50	-45.414	044 78	0.74	-7.49	9.81	2.83	2.95	1.68	2.00	1.63								
			B 39573	8.682	0.010	8.596	0.012	8.631	0.016	121.296	125 26	-45.406	869 09	3.14	-9.27	6.66	2.00	2.03	1.90	2.26	1.78								
08054+0550	1	F CA	A 39591	7.511	0.004	7.425	0.016	7.453	0.020	121.351	841 62	+5.827	508 30	1.36	-9.78	-9.03	1.48	0.98	1.41	1.45	1.14								
			B 39591	8.926	0.015	8.994	0.034	8.755	0.038	121.353	095 99	+5.827	877 07	1.36	-9.78	-9.03	4.89	3.92	1.41	1.45	1.14								
08054+0812	1	F CA	A 39590	8.374	0.009	9.365	0.027	8.202	0.018	121.352	328 72	+8.199	657 44	1.87	6.16	-11.75	1.90	1.39	2.02	2.12	1.49								
			B 39590	9.650	0.029	10.018	0.053	9.557	0.055	121.353	248 49	+8.198	546 60	1.87	6.16	-11.75	7.14	6.04	2.02	2.12	1.49								
08054-0956	1	F ND	D 39592	8.153	0.007	10.084	0.031	8.208	0.013	121.354	977 76																		

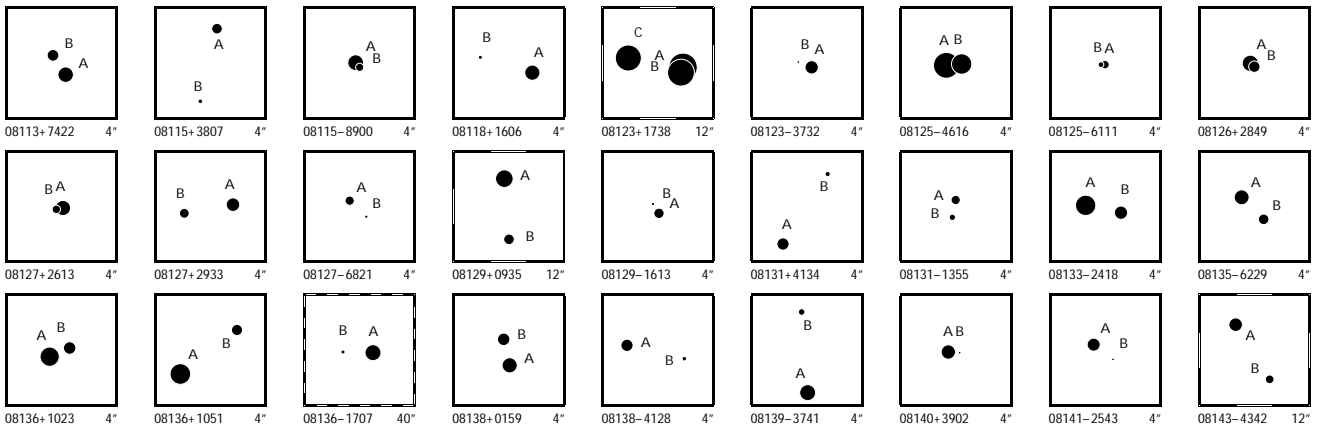
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08058-3334	1	F C B	A 39617 B 39620	6.318 0.019 8.691 0.130	7.527 0.006 8.441 0.019	6.250 0.004 8.406 0.024		121.437 040 92 121.444 394 50	-33.569 445 72 -33.569 244 11	0.96 0.96	-7.62 4.24 -7.62 4.24	0.90 1.00 1.04 37.53 39.71 1.04	0.92 0.91 0.92 0.91	A	88.1	22.07										
08060-3150	1	F C C	A 39637 B 39637	11.597 0.214 12.631 0.555				121.498 004 18 121.497 939 46	-31.840 446 97 -31.840 476 80	-0.12 -0.12	-2.99 7.40 -2.99 7.40	13.35 13.48 3.28 53.64 78.55 3.28	2.26 2.85 2.26 2.85	A	242	0.23										
08061-0047	1	F C A	A 39641 B 39641	9.281 0.007 9.556 0.009				121.514 457 22 121.514 516 14	-0.776 395 94 -0.776 140 37	9.86 9.86	89.03 -59.05 89.03 -59.05	3.71 2.03 3.72 5.38 3.44 3.72	4.47 2.90 4.47 2.90	A	13.0	0.944										
08061-0247	1	F C A	A 39646 B 39646	9.634 0.074 10.204 0.125				121.527 194 91 121.527 103 03	-2.779 877 54 -2.779 862 28	9.47 9.47	32.38 -7.73 32.38 -7.73	10.64 2.74 2.06 15.13 5.15 2.06	2.19 1.65 2.19 1.65	A	279	0.33										
08062+0201	1	F N D	A 39653 B 39653	11.040 0.042 11.283 0.052	11.541 0.131	10.784 0.106		121.562 884 34 121.563 031 76	+2.012 991 09 +2.012 863 09	-6.17 -6.17	3.30 3.50 3.30 3.50	10.21 10.39 5.36 23.16 21.12 5.36	10.84 10.23 10.84 10.23	A	131	0.70										
08063-4006	1	F C A	A 39657 B 39657	7.724 0.004 8.961 0.011				121.565 285 94 121.565 475 79	-40.099 653 25 -40.099 601 63	3.56 3.56	-9.28 1.58 -9.28 1.58	0.93 0.86 0.92 2.88 3.46 0.92	0.76 0.75 0.76 0.75	A	70.4	0.555										
08064+4159	1	I N D	A 39668 B 39670	8.157 0.027 10.113 0.128	8.562 0.015 10.554 0.049	8.084 0.014 10.065 0.050		121.589 852 26 121.594 053 73	+41.985 594 51 +41.991 045 53	4.49 -0.37	-13.61 -17.64 -64.04 -2.97	2.63 1.47 2.26 46.31 25.17 28.17	3.30 2.09 36.03 24.27	A	29.8	22.62	-0.1	-0.01								
08067+3354	1	F F D	A 39693 B 39692	8.737 0.008 11.741 0.099	9.118 0.018	8.648 0.017		121.680 856 68 121.674 900 53	+33.896 909 42 +33.894 372 51	11.46 11.46	-59.50 -21.69 -59.50 -21.68	2.39 1.66 1.95 70.59 45.62 1.95	2.59 1.69 2.59 1.69	A	242.8	20.00										
08067+7334	1	F C C	A 39689 B 39689	8.881 0.040 11.849 0.610				121.667 230 59 121.666 980 88	+73.566 567 48 +73.566 565 58	2.62 2.62	-6.83 -14.65 -6.83 -14.65	8.32 5.37 2.16 54.49 62.73 2.16	1.63 1.86 1.63 1.86	A	268	0.25										
08070+2053	1	F C B	A 39711 B 39711	7.892 0.007 11.224 0.139	8.936 0.015	7.827 0.011		121.755 942 45 121.755 338 36	+20.891 652 79 +20.891 325 38	3.23 3.23	-36.85 -9.24 -36.85 -9.24	2.13 1.40 2.22 83.92 37.30 2.22	2.33 1.67 2.33 1.67	A	240	2.35										
08070-2954	1	L C A	A 39713 B 39713	9.693 0.016 10.076 0.023				121.758 822 05 121.758 718 11	-29.896 715 66 -29.896 670 91	12.02 12.02	-38.00 -23.32 -24.21 -31.32	2.75 3.30 2.76 4.34 6.25 2.76	2.06 2.55 2.90 4.17	A	296	0.362	0	-0.016								
08071+0723	1	F C B	A 39721 B 39721	10.278 0.016 10.938 0.029	11.679 0.143	10.199 0.063		121.787 882 88 121.786 638 12	+7.383 723 53 +7.382 993 66	24.85 24.85	1.37 -141.66 1.37 -141.66	4.68 3.36 3.92 11.89 9.26 3.92	5.11 4.36 5.11 4.36	A	239.4	5.16										
08071+5407	1	F C A	A 39715 B 39715	8.810 0.009 9.326 0.014				121.768 655 48 121.768 736 74	+54.119 866 12 +54.119 961 99	3.26 3.26	-7.60 -24.89 -7.60 -24.89	2.00 1.76 1.86 3.85 3.34 1.86	1.94 1.70 1.94 1.70	B	26	0.385										
08073+1213	1	F C A	A 39740 B 39740	9.744 0.010 11.756 0.055	10.308 0.049	9.657 0.042		121.831 505 21 121.831 231 58	+12.209 601 81 +12.209 152 18	7.75 7.75	-14.23 -11.29 -14.23 -11.29	3.19 2.01 2.64 20.27 17.18 2.64	3.67 2.52 3.67 2.52	A	211	1.88										
08079-0121	1	F C A	A 39795 B 39795	7.857 0.004 10.470 0.041	7.890 0.009 10.283 0.060	7.810 0.014 10.083 0.077		121.984 583 40 121.983 506 03	-1.349 471 57 -1.347 244 13	-1.29 -1.29	-5.02 3.48 -5.02 3.48	1.43 0.79 1.49 11.77 7.98 1.49	1.53 0.96 1.53 0.96	A	334.2	8.91										
08079-6837	1	F C A	A 39794 B 39794	4.371 0.003 7.483 0.051	4.246 0.003 7.368 0.055	4.380 0.003 7.307 0.060		121.982 669 97 121.984 565 00	-68.617 136 47 -68.615 605 04	5.08 5.08	-29.88 30.58 -29.88 30.58	0.58 0.57 0.56 8.73 10.73 0.56	0.63 0.56 0.63 0.56	A	24.3	6.05										
08080-6221	1	F C A	A 39799 B 39799	8.897 0.020 11.080 0.135	10.228 0.038	8.814 0.021		121.996 530 06 121.987 156 47	-62.356 211 20 -62.354 510 90	4.11 4.11	-15.96 13.78 -15.96 13.78	1.65 1.59 1.57 30.87 30.51 1.57	1.70 1.48 1.70 1.48	A	291.3	16.81										
08081+4916	1	F C B	A 39817 B 39817	8.968 0.007 11.894 0.097	9.234 0.019	8.888 0.020		122.036 283 80 122.039 655 74	+49.259 524 77 +49.258 843 84	4.83 4.83	-9.12 4.12 -9.12 4.12	2.01 1.15 2.01 45.80 21.62 2.01	2.60 1.53 2.60 1.53	A	107.2	8.29										
08081+5627	1	L C A	A 39807 B 39807	9.229 0.042 10.737 0.167				122.014 108 30 122.013 973 66	+56.452 806 22 +56.452 818 19	1.86 1.86	-4.89 -1.06 28.16 4.43	5.41 3.15 1.51 21.43 13.96 1.51	2.32 2.69 8.14 10.02	A	279	0.27	+2	-0.03								
08082+2106	1	F C A	A 39826 B 39826	9.519 0.012 11.201 0.055	11.100 0.073	9.570 0.033		122.055 717 48 122.057 392 10	+21.105 930 59 +21.103 421 16	58.42 58.42	-299.49 -354.04 -299.49 -354.04	2.28 1.74 2.51 13.29 10.22 2.51	2.51 1.92 2.51 1.92	A	148.1	10.64										
08082-0830	1	F C A	A 39823 B 39823	9.827 0.022 12.257 0.203				122.051 200 95 122.051 263 46	-8.503 180 66 -8.503 251 91	1.62 1.62	-34.42 24.15 -34.42 24.15	3.64 3.11 2.38 41.13 33.86 2.38	2.23 2.21 2.23 2.21	A	139	0.34										
08082-2208	1	F C B	A 39820 B 39820	8.116 0.033 9.180 0.048	8.473 0.019 9.298 0.030	7.889 0.020 8.513 0.018		122.042 174 93 122.041 953 86	-22.132 096 90 -22.131 236 48	14.69 14.69	-72.20 112.78 -72.20 112.78	2.39 2.15 2.89 10.47 8.93 2.89	2.40 2.83 2.40 2.83	A	346.6	3.18										
08082-6105	1	L N D	A 39825 B 39827	6.947 0.139 8.816 0.707 9.864 0.313	7.950 0.008 11.097 0.138 9.132 0.025	6.904 0.005 10.498 0.140 8.777 0.026		122.053 809 15 122.046 583 22 122.059 710 11	-61.077 223 34 -61.073 140 40 -61.077 514 51	8.76 8.76 8.76	-6.43 -10.72 -117.36 -53.49 75.28 190.19	1.75 1.58 1.48 51.06 47.18 1.48 43.98 38.21 1.48	1.66 1.31 32.52 25.35 28.38 20.66	A	319.4	19.35	-0.3	+0.04								
08084+3752	1	F C A	A 39836 B 39836	7.927 0.011 10.843 0.156				122.089 260 67 122.089 410 83	+37.867 679 23 +37.867 666 07	3.22 3.22	-8.05 -9.30 -8.05 -9.30	2.47 1.36 1.52 35.85 25.67 1.52	1.68 1.26 1.68 1.26	A	96	0.43										
08084-1510	1	F C A	A 39838 B 39838	9.389 0.191 10.132 0.378				122.096 683 76 122.096 701 09	-15.162 232 96 -15.162 269 20	1.50 1.50	-11.10 0.94 -11.10 0.94	8.82 12.34 1.25 17.77 22.13 1.25	1.00 1.09 1.00 1.09	A	155	0.14										
08084-3105	1	F C A	A 39841 B 39841	8.461 0.015 11.146 0.175				122.098 569 78 122.098 505 01	-31.078 865 65 -31.078 942 02	0.91 0.91	-4.09 3.13 -4.09 3.13	1.97 2.57 1.14 16.87 21.27 1.14	0.78 0.94 0.78 0.94	A	216	0.34										
08085-1951	1	F C A	A 39852 B 39852	7.288 0.028 8.730 0.106				122.123 511 62 122.123 551 21	-19.860 241 53 -19.860 196 48	2.37 2.37	-9.79 4.72 -9.79 4.72	2.75 2.92 0.92 10.24 10.71 0.92	0.92 0.81 0.92 0.81	A	40	0.21										



System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
08085-5237	1	F CA	A 39850 B 39850	7.523 0.012 8.930 0.043							122.118 586 06 122.118 455 30	-52.617 181 52 -52.617 203 12	5.30 5.30	-30.75 -30.75	44.35 44.35	1.94 1.88 0.69 0.76 0.58 5.73 7.74 0.69 0.76 0.58						A 255	0.30			
08086+4131	1	F ND	D A 39865 B 39865	10.004 0.018 13.098 0.308							122.154 830 06 122.154 705 89	+41.521 986 94 +41.522 058 21	2.59 2.59	4.96 4.96	-1.20 -1.20	3.06 1.56 2.47 4.00 2.31 107.17 51.09 2.47 4.00 2.31					A 307	0.42				
08087+5750	1	F CA	A 39878 B 39878	8.766 0.008 11.037 0.057	8.825 0.012	8.672 0.014					122.183 718 51 122.184 942 14	+57.829 283 09 +57.829 504 92	3.71 3.71	-9.67 -9.67	-3.94 -3.94	1.39 1.16 1.60 1.67 1.65 14.46 9.59 1.60 1.67 1.65					A 71.2	2.48				
08088+2729	1	F CA	A 39888 B 39888	7.110 0.004 10.186 0.070	8.262 0.010 10.958 0.277	7.034 0.007 10.077 0.237					122.206 694 23 122.206 036 00	+27.480 459 58 +27.479 694 20	4.30 4.30	-8.87 -8.87	-22.44 -22.44	1.07 0.68 1.08 1.01 0.71 15.73 9.29 1.08 1.01 0.71					A 217.3	3.47				
08088-7638	1	L CA	A 39887 B 39887	9.428 0.006 10.241 0.012							122.205 581 80 122.206 374 86	-76.637 695 78 -76.637 787 70	20.52 20.52	100.73 115.26	-129.45 -124.62	1.83 1.67 1.49 1.78 1.51 4.75 5.10 1.49 3.91 3.92					A 116.6	0.738	-0.8	+0.011		
08089+3249	1	F CB	A 39896 B 39896	10.043 0.027 12.314 0.213	11.820 0.123	10.147 0.045					122.235 091 44 122.231 652 02	+32.820 297 56 +32.821 488 05	48.26 48.26	-30.00 -30.00	-217.20 -217.20	3.00 2.27 3.16 3.77 2.50 55.14 38.35 3.16 3.77 2.50					A 292.4	11.25				
08089-6859	1	F CA	A 39897 B 39897	7.327 0.003 9.743 0.028	7.227 0.007	7.277 0.009					122.236 298 83 122.236 502 36	-68.991 647 62 -68.992 148 38	2.68 2.68	-8.06 -8.06	17.81 17.81	0.71 0.69 0.68 0.78 0.68 5.94 5.03 0.68 0.78 0.68					A 171.7	1.82				
08091+3714	1	F CA	A 39916 B 39916	9.725 0.008 9.929 0.009							122.287 212 10 122.286 780 07	+37.233 359 01 +37.233 447 54	11.80 11.80	-35.00 -35.00	-39.44 -39.44	4.06 2.59 4.04 4.76 3.70 6.09 3.76 4.04 4.76 3.70					A 284.4	1.28				
08091+5119	1	F CA	A 39913 B 39913	8.505 0.006 12.011 0.155	8.555 0.015	8.444 0.018					122.275 885 75 122.276 279 97	+51.316 649 52 +51.316 390 24	5.59 5.59	-7.47 -7.47	-2.78 -2.78	1.41 0.84 1.27 1.76 1.05 37.55 24.11 1.27 1.76 1.05					A 136	1.29				
08091-3019	1	F CA	A 39914 B 39914	6.819 0.004 10.414 0.102	8.477 0.009	6.805 0.005					122.277 706 13 122.278 050 41	-30.322 815 51 -30.322 871 28	4.75 4.75	14.04 14.04	-18.26 -18.26	0.56 0.69 0.86 0.64 0.64 20.85 19.10 0.86 0.64 0.64					A 101	1.09				
08093-5101	1	I CA	A 39932 B 39932	7.628 0.011 9.270 0.041	7.673 0.006 9.619 0.018	7.596 0.008 9.273 0.020					122.326 975 19 122.327 071 87	-51.012 397 25 -51.017 036 74	6.54 9.18	-22.67 -21.14	21.26 21.15	1.35 1.29 1.15 1.31 1.25 13.27 11.64 5.39 6.09 5.95					A 179.25	16.70	-0.01	0.00		
08094+3021	1	I NB	A 39940 B 39939	8.761 0.029 9.412 0.047	9.188 0.019 9.923 0.033	8.659 0.018 9.241 0.029					122.349 806 40 122.347 892 79	+30.347 007 89 +30.342 787 45	10.85 14.61	-15.04 -16.15	15.12 14.20	5.47 3.55 4.48 5.69 3.60 19.62 12.60 11.07 13.70 8.57					A 201.4	16.32	0.0	0.00		
08095+3213	1	L CA	A 39948 B 39948	7.246 0.006 7.961 0.011	7.656 0.009 8.377 0.015	7.171 0.007 7.903 0.011					122.376 415 86 122.376 811 21	+32.221 160 21 +32.221 892 35	14.85 14.85	35.97 25.36	-9.08 1.53	1.64 1.19 1.75 1.96 1.05 4.94 3.38 1.75 5.64 2.42					A 24.6	2.898	-0.3	+0.005		
08098-4238	1	F CA	A 39974 B 39974	6.582 0.003 7.737 0.008	6.483 0.008	6.546 0.009					122.448 752 04 122.450 821 68	-42.640 823 38 -42.640 573 19	3.33 3.33	-8.72 -8.72	8.41 8.41	0.61 0.64 0.67 0.63 0.55 1.93 2.20 0.67 0.63 0.55					A 80.67	5.554				
08101-4109	1	F CA	A 39994 B 39994	8.148 0.006 10.490 0.049	8.136 0.008 10.194 0.055	8.139 0.010 9.702 0.049					122.513 375 21 122.513 252 39	-41.156 352 40 -41.155 602 26	3.18 3.18	-4.62 -4.62	5.96 5.96	0.94 1.02 1.08 0.99 0.98 10.88 12.30 1.08 0.99 0.98					A 353.0	2.72				
08102+5548	1	F CA	A 40006 B 40006	7.655 0.008 10.768 0.135	7.898 0.007	7.584 0.006					122.552 423 21 122.551 863 12	+55.804 460 76 +55.804 213 95	11.03 11.03	-16.92 -16.92	-57.41 -57.41	1.21 0.92 1.46 1.58 1.38 26.45 16.29 1.46 1.58 1.38					A 232	1.44				
08102-3539	1	F CA	A 40005 B 40005	9.467 0.224 10.097 0.400							122.550 556 09 122.550 594 33	-35.646 698 51 -35.646 725 00	2.16 2.16	2.65 2.65	2.65 2.65	14.62 11.73 0.93 0.76 0.86 16.56 16.68 0.93 0.76 0.86					A 130	0.15				
08104-3014	1	F CA	A 40018 B 40018	8.643 0.005 11.185 0.049							122.598 038 63 122.598 248 48	-30.233 247 54 -30.233 078 88	10.29 10.29	-36.10 -36.10	64.20 64.20	0.86 1.08 1.32 0.99 0.97 9.78 13.45 1.32 0.99 0.97					A 47	0.89				
08108+3443	1	F CA	A 40048 B 40048	9.297 0.022 11.056 0.112							122.711 730 38 122.711 721 23	+34.710 029 73 +34.709 947 58	4.17 4.17	-23.74 -23.74	-19.12 -19.12	2.85 4.21 1.78 2.17 1.35 14.58 14.35 1.78 2.17 1.35					A 185	0.30				
08108-3236	1	F CA	A 40044 B 40044	8.779 0.006 9.176 0.009	8.860 0.012 9.175 0.015	8.699 0.015 9.059 0.019					122.698 600 73 122.699 687 21	-32.604 036 09 -32.606 062 03	1.20 1.20	-9.23 -9.23	9.95 9.95	1.46 1.49 1.89 1.56 1.49 2.52 3.37 1.89 1.56 1.49					A 155.69	8.003				
08109+3555	1	F CA	A 40050 B 40050	9.449 0.008 11.365 0.041	9.749 0.022 11.531 0.100	9.464 0.025 11.204 0.124					122.716 349 53 122.718 744 62	+35.912 031 91 +35.913 280 50	5.29 5.29	-6.45 -6.45	0.36 0.36	2.09 1.12 2.10 2.55 1.54 18.28 8.37 2.10 2.55 1.54					A 57.2	8.30				
08109-5111	1	F CB	A 40053 B 40053	8.078 0.020 11.066 0.320							122.721 451 90 122.721 509 22	-51.190 590 02 -51.190 647 43	1.98 1.98	-4.14 -4.14	4.93 4.93	2.40 2.90 0.81 0.76 0.74 35.62 37.76 0.81 0.76 0.74					A 148	0.24				
08110-0019	1	F CA	A 40061 B 40061	8.956 0.006 12.069 0.109							122.754 696 30 122.754 710 29	-0.311 236 20 -0.311 380 49	1.16 1.16	-7.29 -7.29	-3.27 -3.27	2.22 1.57 2.15 2.16 1.22 42.27 20.60 2.15 2.16 1.22					A 174	0.52				
08111-5455	1	F CA	A 40069 B 40069	9.428 0.030 11.022 0.132							122.776 208 92 122.776 099 81	-54.921 646 85 -54.921 702 34	3.30 3.30	0.57 0.57	-8.68 -8.68	3.78 3.45 1.07 1.20 0.94 11.06 10.62 1.07 1.20 0.94					A 228	0.30				
08112-3331	1	F CA	A 40078 B 40078	11.092 0.077 12.910 0.374							122.795 042 71 122.795 111 22	-33.515 881 48 -33.515 939 30	-10.42 -10.42	-4.70 -4.70	11.39 11.39	16.12 14.68 4.30 3.32 3.79 68.27 52.97 4.30 3.32 3.79					A 135	0.29				
08112-6430	1	F CA	A 40079 B 40079	9.556 0.010 10.043 0.015	9.931 0.024 10.402 0.037	9.441 0.024 9.869 0.035					122.800 347 12 122.798 113 82	-64.506 442 25 -64.508 243 13	8.30 8.30	-25.08 -25.08	3.15 3.15	1.89 1.96 1.73 1.49 1.72 4.13 5.25 1.73 1.49 1.72					A 208.09	7.35				
08113+4735	1	F ND	D A 40089 B 40089	11.499 0.033 13.802 0.275							122.835 539 67 122.835 762 97	+47.581 331 24 +47.581 694 71	24.30 24.30	-178.44 -178.44	-37.57 -37.57	4.07 2.64 3.95 5.46 3.03 95.25 56.91 3.95 5.46 3.03					A 23	1.42				

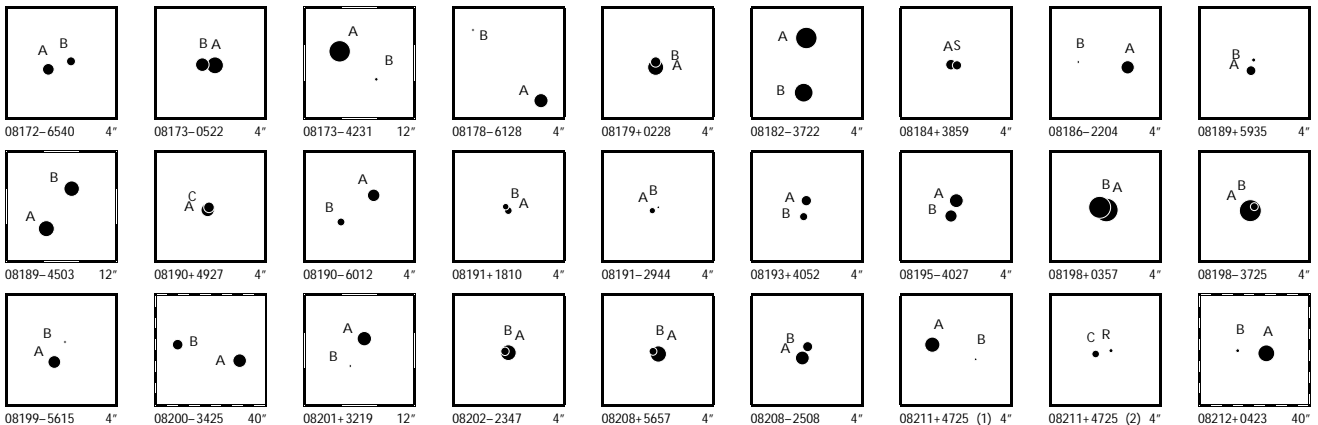


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08113+7422	1	F CA	A 40090 B 40090	8.567 0.005 9.436 0.010				122.836 728 64 122.837 217 79	+74.362 999 43 +74.363 200 39	6.93 6.93	-20.13 -47.35 -20.13 -47.35	1.07 1.21 1.39 3.29 3.50 1.39	1.26 1.25 1.26 1.25	A 33.3 0.865												
08115+3807	1	F CA	A 40101 B 40101	9.657 0.011 10.958 0.035	10.071 0.023	9.583 0.022		122.876 903 24 122.877 120 96	+38.123 905 79 +38.123 159 25	1.34 1.34	-11.71 -17.77 -11.71 -17.77	2.38 1.46 2.35 14.66 6.61 2.35	2.72 1.88 2.72 1.88	A 167.1 2.76												
08115-8900	1	F CA	A 40104 B 40104	8.532 0.042 10.220 0.201				122.885 607 82 122.883 715 22	-89.004 357 43 -89.004 406 22	5.42 5.42	5.60 -20.53 5.60 -20.53	4.58 4.43 0.96 20.10 16.65 0.96	1.08 1.08 1.08 1.08	A 214 0.21												
08118+1606	1	F CA	A 40130 B 40130	8.669 0.006 11.091 0.056	9.750 0.031	8.568 0.020		122.953 256 38 122.953 807 90	+16.097 868 53 +16.098 026 81	1.33 1.33	-9.11 -6.44 -9.11 -6.44	1.71 1.19 1.73 15.13 11.24 1.73	2.01 1.40 2.01 1.40	A 73.4 1.99												
08123+1738	1	LNB G	A 40167 B 40167 C 40167	5.681 0.011 6.086 0.015 6.215 0.015				123.052 953 53 123.053 009 47 123.054 720 53	+17.648 137 56 +17.647 981 43 +17.648 435 37	39.11 39.11 39.11	28.29 -150.94 140.97 -126.06 79.84 -42.67	1.85 1.01 1.38 4.91 2.66 1.38 5.27 3.28 1.38	2.00 1.15 3.75 2.07 3.59 2.50	A 161.1 0.594 -11.1 79.97 6.156 -0.91	+0.013 -0.91 +0.070											
08123-3732	1	F CB	A 40171 B 40171	9.088 0.010 12.411 0.212				123.064 204 44 123.064 365 28	-37.529 220 24 -37.529 166 00	2.53 2.53	-2.89 4.72 -2.89 4.72	2.37 2.01 1.87 51.29 55.62 1.87	1.49 1.72 1.49 1.72	A 67 0.50												
08125-4616	1	F CA	A 40183 B 40183	6.282 0.004 7.487 0.011				123.128 319 36 123.128 095 78	-46.264 308 21 -46.264 293 24	4.62 4.62	-5.50 9.34 -5.50 9.34	0.78 0.72 0.77 2.43 3.22 0.77	0.78 0.65 0.78 0.65	A 275.5 0.559												
08125-6111	1	F CB	A 40182 B 40182	10.145 0.314 10.760 0.554				123.117 546 50 123.117 629 73	-61.187 799 14 -61.187 797 65	3.20 3.20	-6.06 9.92 -6.06 9.92	22.32 10.34 0.96 36.13 18.03 0.96	1.10 0.98 1.10 0.98	A 88 0.14												
08126+2849	1	F CA	A 40192 B 40192	8.380 0.037 9.456 0.099				123.150 566 70 123.150 522 76	+28.820 186 10 +28.820 147 84	2.37 2.37	-5.98 -4.24 -5.98 -4.24	3.60 3.29 1.09 9.62 8.61 1.09	1.08 0.77 1.08 0.77	A 225 0.20												
08127+2613	1	F CB	A 40200 B 40200	8.625 0.091 10.159 0.375				123.164 589 73 123.164 664 73	+26.224 217 56 +26.224 200 49	7.52 7.52	5.84 -11.55 5.84 -11.55	26.93 13.58 3.35 101.73 51.86 3.35	3.13 1.78 3.13 1.78	A 104 0.25												
08127+2933	1	F CA	A 40209 B 40209	9.021 0.008 9.831 0.015	8.930 0.018	8.817 0.022		123.185 105 08 123.185 669 45	+29.541 924 87 +29.541 835 25	3.06 3.06	-0.07 -2.09 -0.07 -2.09	2.13 1.51 1.99 6.49 4.11 1.99	2.10 1.49 2.10 1.49	A 100.3 1.80												
08127-6821	1	F CA	A 40208 B 40208	9.961 0.007 11.277 0.021				123.181 850 50 123.181 372 44	-68.357 789 43 -68.357 952 31	2.65 2.65	-16.58 17.26 -16.58 17.26	1.64 1.46 1.48 7.44 6.57 1.48	1.76 1.41 1.76 1.41	A 227 0.86												
08129+0935	1	F CA	A 40222 B 40222	8.102 0.004 9.632 0.015	8.283 0.012	8.030 0.013		123.218 923 27 123.218 779 11	+9.577 834 71 +9.575 978 44	6.84 6.84	-46.80 -17.82 -46.80 -17.82	1.51 0.92 1.58 6.41 3.33 1.58	1.75 1.22 1.75 1.22	A 184.4 6.702												
08129-1613	1	F CA	A 40223 B 40223	9.696 0.013 11.303 0.056				123.222 406 39 123.222 468 01	-16.216 088 31 -16.215 995 49	1.52 1.52	12.14 0.22 12.14 0.22	2.35 2.63 2.37 12.12 13.90 2.37	1.83 2.02 1.83 2.02	A 33 0.40												
08131+4134	1	F CA	A 40236 B 40236	9.284 0.006 10.876 0.025	9.643 0.022	9.188 0.023		123.276 061 57 123.275 450 20	+41.561 221 30 +41.561 940 51	5.20 5.20	-2.10 -12.77 -2.10 -12.77	2.34 1.35 2.29 11.94 5.35 2.29	3.15 2.18 3.15 2.18	A 327.5 3.07												
08131-1355	1	F CA W	A 40239 B 40239	9.931 0.014 10.628 0.026				123.285 875 60 123.285 909 15	-13.915 797 01 -13.915 983 22	46.21 46.21	-189.67 -511.07 -189.67 -511.07	3.68 3.39 4.14 8.43 6.44 4.14	3.72 3.76 3.72 3.76	A 170 0.68												
08133-2418	1	F CA	A 40252 B 40252	7.502 0.004 9.058 0.017	7.662 0.008	7.354 0.009		123.318 505 81 123.318 112 37	-24.292 551 91 -24.292 623 49	5.35 5.35	-7.90 -13.38 -7.90 -13.38	0.74 0.91 1.11 4.60 4.14 1.11	0.84 1.04 0.84 1.04	A 258.7 1.316												
08135-6229	1	F CA	A 40275 B 40275	8.715 0.006 9.638 0.013	8.846 0.012	8.434 0.012		123.373 970 13 123.373 479 54	-62.486 660 03 -62.486 889 93	5.16 5.16	-32.60 42.16 -32.60 42.16	1.19 1.13 1.08 4.14 3.56 1.08	1.39 1.16 1.39 1.16	A 224.6 1.162												
08136+1023	1	F CA	A 40284 B 40284	7.715 0.004 9.233 0.014				123.399 877 13 123.399 669 18	+10.380 676 46 +10.380 762 77	4.30 4.30	-8.51 -6.45 -8.51 -6.45	1.45 1.03 1.52 5.84 4.31 1.52	1.54 1.37 1.54 1.37	A 292.9 0.80												
08136+1051	1	F CA	A 40280 B 40280	7.434 0.004 9.552 0.024	7.871 0.010	7.332 0.011		123.392 462 22 123.391 874 97	+10.847 325 90 +10.847 775 34	12.78 12.78	6.51 -69.23 6.51 -69.23	1.54 0.99 1.50 11.87 11.42 1.50	1.77 1.29 1.77 1.29	A 307.9 2.63												
08136-1707	1	F CA	A 40287 B 40287	8.480 0.007 11.075 0.075	8.486 0.014	8.463 0.017		123.403 487 04 123.406 724 18	-17.124 793 64 -17.124 700 16	-1.17 -1.17	-1.37 2.48 -1.37 2.48	1.15 1.00 1.29 15.25 11.48 1.29	1.20 1.17 1.20 1.17	A 88.3 11.14												
08138+0159	1	F CA	A 40297 B 40297	8.664 0.009 9.246 0.014				123.439 649 97 123.439 715 08	+1.985 707 92 +1.985 969 24	7.16 7.16	43.61 -56.51 43.61 -56.51	2.61 1.46 2.58 5.34 3.68 2.58	2.80 1.59 2.80 1.59	A 14.0 0.969												
08138-4128	1	F CA	A 40300 B 40300	9.316 0.011 11.002 0.051	9.139 0.012	9.190 0.016		123.444 293 02 123.443 521 90	-41.465 897 19 -41.466 031 10	-2.04 -2.04	-6.73 2.30 -6.73 2.30	1.78 1.87 2.06 9.72 11.90 2.06	1.76 1.95 1.76 1.95	A 257.0 2.14												
08139-3741	1	F CA	A 40316 B 40316	8.451 0.005 10.576 0.029	9.299 0.014	8.394 0.011		123.482 862 96 123.482 945 15	-37.678 484 02 -37.677 660 13	1.50 1.50	-9.47 8.18 -9.47 8.18	0.86 0.98 1.09 6.88 8.47 1.09	0.83 0.97 0.83 0.97	A 4.5 2.98												
08140+3902	1	F CB	A 40319 B 40319	8.793 0.013 11.742 0.193				123.490 441 63 123.490 286 83	+39.038 376 73 +39.038 373 60	2.79 2.79	-12.27 -18.46 -12.27 -18.46	2.75 1.26 1.80 46.82 21.53 1.80	2.18 1.45 2.18 1.45	A 269 0.43												
08141-2543	1	F CA	A 40329 B 40329	9.095 0.006 11.862 0.075				123.519 483 84 123.519 270 36	-25.711 776 95 -25.711 926 62	1.50 1.50	-6.87 4.32 -6.87 4.32	1.24 1.29 1.98 21.65 24.98 1.98	1.23 1.20 1.23 1.20	A 232 0.88												
08143-4342	1	L CA	A 40350 B 40350	8.971 0.009 10.066 0.024	9.605 0.022	8.929 0.019		123.576 624 29 123.575 169 96	-43.694 393 55 -43.696 061 91	10.28 10.28	35.19 28.21 -2.03 5.80	1.80 1.75 1.74 7.24 6.86 1.74	1.57 1.28 5.24 4.19	A 212.22 7.099 +0.16 +0.039												

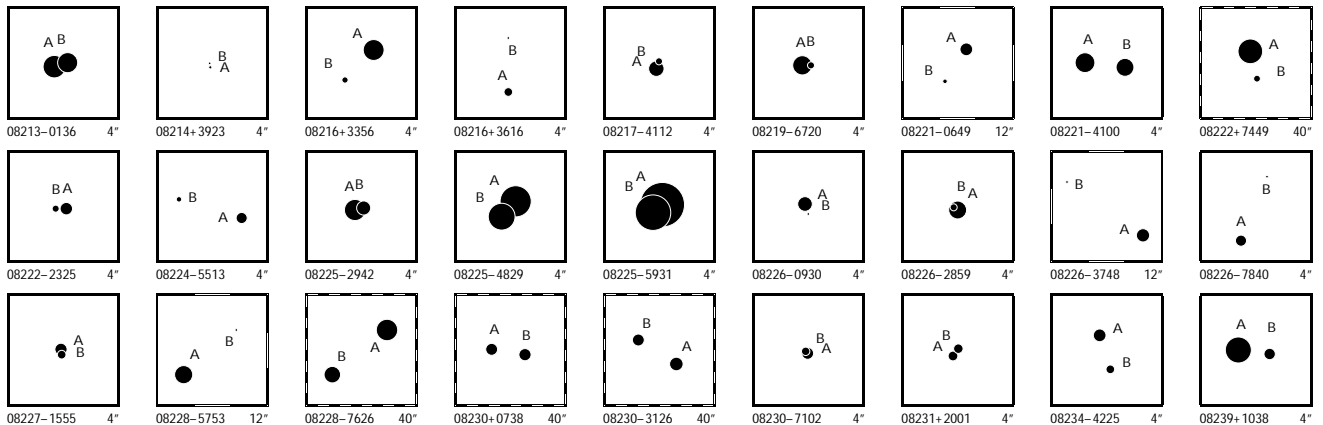


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry											
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^* mas	δ mas	π mas	μ_{α^*} mas/yr	μ_{δ} mas/yr	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr					
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
08144-5348	1	F	C	A	40359	10.731	0.014	12.368	0.214	10.515	0.058	123.604	072 99	-53.806	370 55	27.50	57.45	-8.29	2.83	2.50	2.65	3.17	2.52	A	220.3	1.67		
				B	40359	11.578	0.029					123.603	566 29	-53.806	723 90	27.50	57.45	-8.29	9.37	8.54	2.65	3.17	2.52					
08144-6140	1	F	C	A	40360	9.719	0.008	10.198	0.026	9.589	0.024	123.605	692 87	-61.659	607 54	3.99	-16.45	22.50	1.57	1.52	1.52	1.75	1.80	A	26.5	6.56		
				B	40360	11.131	0.028	11.367	0.093	10.823	0.095	123.607	408 18	-61.657	976 31	3.99	-16.45	22.50	8.17	7.04	1.52	1.75	1.80					
08147+3311	1	F	C	A	40384	9.331	0.007	9.974	0.027	9.209	0.022	123.669	827 66	+33.178	586 07	8.40	49.89	-2.80	2.09	1.01	2.13	2.71	1.43	A	246	1.16		
				B	40384	11.893	0.076					123.669	476 54	+33.178	453 09	8.40	49.89	-2.80	36.96	10.51	2.13	2.71	1.43					
08147-6616	1	F	C	A	40377	10.030	0.011	10.592	0.037	9.811	0.029	123.665	090 51	-66.270	111 17	4.40	-67.89	-8.67	2.40	2.16	2.06	2.24	1.93	A	262.2	4.07		
				B	40377	10.453	0.016	10.900	0.062	10.108	0.049	123.662	308 99	-66.270	264 93	4.40	-67.89	-8.67	5.02	5.22	2.06	2.24	1.93					
08147-7348	1	L	C	A	40386	7.356	0.004	7.266	0.005	7.387	0.007	123.677	942 95	-73.807	280 56	8.67	-33.91	42.47	1.20	1.01	0.96	0.94	0.86	A	284.6	0.849	-0.4	-0.003
				B	40386	7.565	0.004	7.266	0.005	7.387	0.007	123.677	124 17	-73.807	221 29	8.67	-32.19	35.28	1.94	1.87	0.96	1.19	1.14					
08148+4302	1	F	C	A	40393	6.890	0.004	6.910	0.004	6.870	0.006	123.704	244 46	+43.035	067 81	4.80	-17.59	-33.35	1.09	0.67	1.13	1.71	1.05	A	295.4	4.54		
				B	40393	10.728	0.119					123.702	686 05	+43.035	607 92	4.80	-17.59	-33.35	39.05	20.12	1.13	1.71	1.05					
08149+2017	1	F	C	A	40399	10.344	0.014	11.153	0.092	10.198	0.059	123.716	184 75	+20.285	070 71	12.56	-104.25	21.37	4.49	3.09	3.88	4.33	4.05	A	141	1.67		
				B	40399	11.124	0.028					123.716	495 81	-20.284	708 99	12.56	-104.25	21.37	15.45	10.01	3.88	4.33	4.05					
08153+0533	1	F	C	A	40428	8.735	0.010	8.685	0.014	8.740	0.018	123.815	918 93	+5.558	014 49	-0.92	-1.70	7.96	3.46	2.16	3.00	3.66	2.67	A	191.3	13.48		
				B	40425	11.043	0.075	10.992	0.084	10.895	0.123	123.815	179 93	+5.554	342 94	-0.92	27.75	-15.39	40.08	23.11	3.00	29.30	23.34					
08153-6255	1	F	C	A	40429	5.284	0.002	5.327	0.006	5.253	0.009	123.816	474 86	-62.915	616 77	13.47	-26.87	-10.95	0.60	0.55	0.56	0.62	0.57	A	68.5	4.03		
				B	40429	7.898	0.027	8.099	0.074	7.617	0.047	123.818	762 12	-62.915	207 42	13.47	-26.87	-10.95	6.84	7.13	0.56	0.62	0.57					
08155+0738	1	F	C	A	40448	8.180	0.010	7.237	0.007	7.255	0.010	123.879	758 54	+7.637	200 99	2.78	-10.85	-0.38	2.19	1.15	1.58	1.71	1.21	A	293	0.43		
				B	40448	10.377	0.073	9.698	0.030	9.450	0.035	123.879	648 80	+7.637	247 59	2.78	-10.85	-0.38	14.46	8.13	1.58	1.71	1.21					
08155+4358	1	F	C	A	40441	9.702	0.009	10.370	0.037	9.548	0.029	123.865	285 36	+43.969	836 57	4.44	-4.12	-19.76	2.03	1.21	1.97	2.76	1.92	A	297.2	5.36		
				B	40441	11.730	0.057	12.863	0.445	24	+43.970	516 75	123.863	445 24	+43.970	516 75	4.44	-4.12	-19.76	15.85	11.60	1.97	2.76	1.92				
08155-3722	1	I	C	A	40443	7.393	0.009	7.266	0.005	7.387	0.007	123.866	985 65	-37.372	048 38	3.78	-12.15	5.74	1.11	1.25	1.17	1.05	1.23	A	352.19	16.68	-0.02	-0.01
				B	40442	9.612	0.056	10.948	0.063	9.283	0.023	123.866	193 70	-37.367	457 59	-5.74	-18.24	-1.44	14.00	14.47	8.13	9.89	10.68					
08157-4419	1	F	C	B	40463	9.059	0.010	8.975	0.011	8.992	0.015	123.926	726 92	-44.322	878 65	1.06	-7.60	5.39	1.55	1.50	1.68	1.71	1.49	A	275.5	11.42		
				B	40463	12.193	0.178	12.922	0.313	69	-44.322	572 56	123.922	313 69	-44.322	572 56	1.06	-7.60	5.39	48.85	44.13	1.68	1.71	1.49				
08158+0248	1	I	C	A	40469	7.271	0.010	7.237	0.007	7.255	0.010	123.952	259 84	+2.801	377 46	2.68	-3.53	1.04	2.25	1.29	1.85	2.56	1.46	A	113.2	15.58	-0.1	+0.01
				B	40473	9.726	0.085	9.698	0.030	9.450	0.035	123.956	244 44	+2.799	674 56	-11.13	22.73	25.05	34.69	18.90	13.38	28.81	13.39					
08158+6022	1	F	C	A	40474	6.543	0.004	6.712	0.004	6.492	0.004	123.960	497 71	+60.380	583 20	6.53	-16.12	7.62	0.62	0.61	0.87	0.58	0.63	A	256.7	2.69		
				B	40474	10.057	0.088	12.959	0.29	14	+60.380	411 31	123.959	029 14	+60.380	411 31	6.53	-16.12	7.62	19.78	14.50	0.87	0.58	0.63				
08158-3035	1	F	C	A	40466	8.442	0.060	12.940	0.635	82	-30.579	018 50	123.940	696 40	-30.579	031 39	2.53	-11.09	-0.69	5.46	3.65	0.96	0.72	0.92	A	104	0.19	
				B	40466	9.672	0.186									2.53	-11.09	-0.69	17.00	12.01	0.96	0.72	0.92					
08159-3056	1	F	C	B	40476	6.561	0.004	7.398	0.013	6.438	0.009	123.969	053 89	-30.925	914 56	9.34	-49.71	-12.32	0.64	0.78	0.94	0.69	0.86	A	3.4	1.926		
				B	40476	8.277	0.018	12.969	0.090	69	-30.925	380 43	123.969	090 69	-30.925	380 43	9.34	-49.71	-12.32	4.37	4.86	0.94	0.69	0.86				
08160+1842	1	F	C	A	40483	7.748	0.005	8.960	0.021	7.668	0.013	123.993	550 30	+18.693	931 99	5.27	-17.14	-14.78	1.33	0.98	1.28	1.67	1.34	A	340.9	4.38		
				B	40483	11.391	0.126	11.199	0.219	10.514	0.159	123.993	130 24	+18.695	081 31	5.27	-17.14	-14.78	32.62	22.42	1.28	1.67	1.34					
08160+4034	1	F	C	A	40488	9.589	0.007	10.115	0.030	9.452	0.027	123.997	891 04	+40.561	241 47	6.31	-17.93	-38.70	2.06	1.04	2.05	2.44	1.61	A	4.1	7.22		
				B	40488	12.384	0.082	12.998	0.079	78	+40.563	243 18	123.998	079 78	+40.563	243 18	6.31	-17.93	-38.70	32.01	18.21	2.05	2.44	1.61				
08160+4946	1	F	C	A	40482	9.224	0.008	9.806	0.028	9.148	0.025	123.992	820 82	+49.772	064 05	1.80	-15.00	4.21	3.24	2.19	2.60	4.37	3.00	A	180.53	8.318		
				B	40482	9.329	0.008	10.387	0.044	9.204	0.026	123.992	788 03	+49.769	753 51	1.80	-15.00	4.21	4.29	2.93	2.60	4.37	3.00					
08164-0314	1	F	C	B	40523	7.393	0.012	7.925	0.009	7.304	0.008	124.110	557 07	-3.226	118 76	12.79	-108.55	13.01	1.11	1.04	1.32	1.31	1.22	A	237	1.48		
				B	40523	10.863	0.289	124.110	210 56	-3.226	342 69	124.110	210 56	-3.226	342 69	12.79	-108.55	13.01	58.31	46.64	1.32	1.31	1.22					
08165+7930	1	I	N	D	A	40527	8.520	0.025	8.940	0.01																		

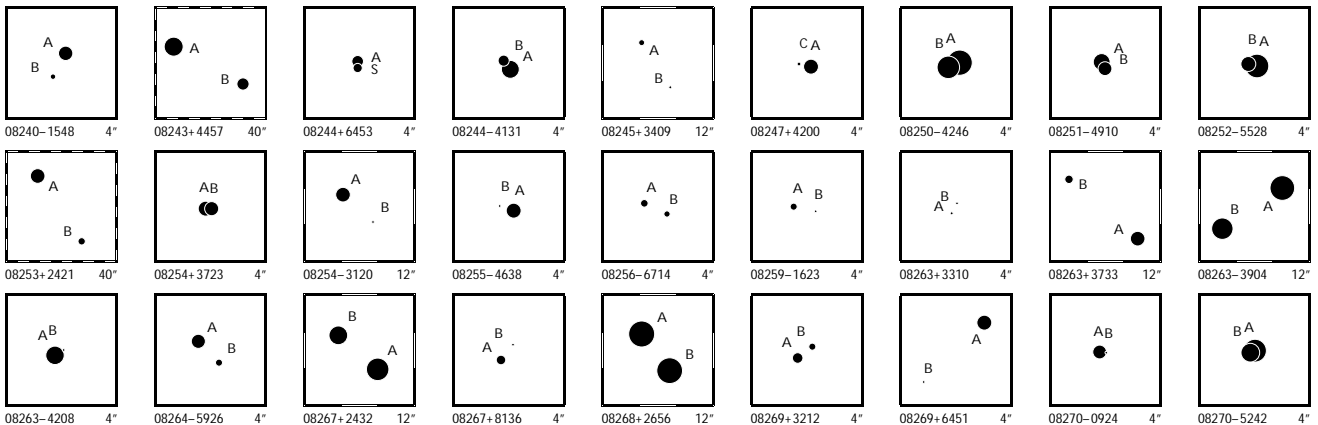
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08172-6540	1	FCA	A 40585 B 40585	9.446 0.006 9.997 0.009				124.300 339 61 124.299 783 21	-65.657 212 86 -65.657 125 73	4.04 4.04	-18.73 19.88 -18.73 19.88	1.76 1.68 1.67 1.69 1.61 3.58 3.81 1.67 1.69 1.61	A 290.8 0.883													
08173-0522	1	LCA	A 40592 B 40592	8.280 0.006 8.983 0.011				124.315 411 09 124.315 539 54	-5.369 173 31 -5.369 163 33	9.03 9.03	-26.07 26.78 -23.20 37.81	1.54 1.27 1.44 1.30 1.11 3.30 3.23 1.44 2.32 1.97	A 85.5 0.462 -1.3 +0.004													
08173-4231	1	FCC	A 40596 B 40596	7.267 0.006 11.192 0.182	7.505 0.006 11.344 0.150	7.224 0.007 10.672 0.143		124.323 428 69 124.321 905 98	-42.521 544 32 -42.522 421 11	0.14 0.14	-3.00 4.04 -3.00 4.04	0.89 0.91 0.99 0.93 0.87 45.29 47.93 0.99 0.93 0.87	A 232 5.13													
08178-6128	1	FND	D A 40638 B 40638	8.862 0.012 12.195 0.229	10.554 0.045	8.866 0.019		124.437 450 80 124.438 932 82	-61.466 672 37 -61.465 950 01	3.38 3.38	15.14 -10.22 15.14 -10.22	1.51 1.43 1.52 1.56 1.48 49.19 44.27 1.52 1.56 1.48	A 44 3.64													
08179+0228	1	FCA	A 40648 B 40648	8.440 0.049 9.710 0.157				124.466 532 85 124.466 542 41	+2.461 690 18 +2.461 744 66	3.53 3.53	-9.35 -7.36 -9.35 -7.36	2.29 5.14 1.26 1.38 1.05 6.46 12.88 1.26 1.38 1.05	A 10 0.20													
08182-3722	1	FCA	A 40673 B 40673	7.231 0.003 7.849 0.006	7.575 0.010 7.742 0.011	7.159 0.007 7.724 0.015		124.553 351 74 124.553 381 64	-37.374 615 75 -37.375 172 19	2.44 2.44	-7.20 3.64 -7.20 3.64	0.73 0.86 0.90 0.70 0.90 1.80 1.66 0.90 0.70 0.90	A 177.6 2.005													
08184+3859	1	FCA	A 40681 S 40681	9.645 0.159 9.973 0.215				124.581 900 63 124.581 822 83	+38.986 108 53 +38.986 110 45	16.24 16.24	-112.25 -192.37 -112.25 -192.37	18.18 6.96 1.73 2.03 1.29 22.40 11.71 1.73 2.03 1.29	A 272 0.22													
08186-2204	1	FND	D A 40708 B 40708	9.068 0.007 12.878 0.214	10.158 0.033	8.976 0.020		124.644 889 36 124.645 432 39	-22.070 686 22 -22.070 632 21	2.86 2.86	7.37 -16.37 7.37 -16.37	1.33 1.13 1.48 1.53 1.36 59.95 49.22 1.48 1.53 1.36	A 84 1.82													
08189+5935	1	FCA	A 40734 B 40734	9.859 0.010 11.096 0.029				124.721 110 70 124.721 059 30	+59.578 495 94 +59.578 603 78	5.75 5.75	-10.61 -29.45 -10.61 -29.45	2.17 2.05 2.19 2.08 1.69 8.26 6.90 2.19 2.08 1.69	A 346 0.40													
08189-4503	1	FCA	A 40738 B 40738	8.465 0.007 8.585 0.007	8.422 0.014 8.526 0.014	8.377 0.017 8.439 0.017		124.725 156 07 124.724 064 57	-45.036 269 07 -45.035 048 85	2.39 2.39	-4.54 8.97 -4.54 8.97	1.39 1.43 1.41 1.30 1.26 2.71 3.12 1.41 1.30 1.26	A 327.70 5.197													
08190+4927	1	FCA	A 40744 C 40744	9.049 0.153 9.677 0.272				124.762 503 97 124.762 479 91	+49.446 175 61 +49.446 215 37	6.45 6.45	-15.26 -37.40 -15.26 -37.40	7.85 11.17 1.31 1.89 1.21 12.77 17.09 1.31 1.89 1.21	A 339 0.15													
08190-6012	1	FCA	A 40741 B 40741	9.268 0.008 10.287 0.020	9.885 0.032 10.119 0.062	9.018 0.022 9.622 0.060		124.742 063 89 124.742 735 61	-60.194 549 92 -60.194 823 61	2.30 2.30	-6.69 3.65 -6.69 3.65	1.63 1.51 1.49 1.61 1.44 6.01 5.67 1.49 1.61 1.44	A 129.3 1.55													
08191+1810	1	FCA	A 40747 B 40747	10.290 0.129 10.582 0.169				124.768 421 97 124.768 452 18	+18.163 655 00 +18.163 695 16	3.85 3.85	-36.10 -18.26 -36.10 -18.26	8.19 9.83 1.65 1.82 1.42 10.45 11.73 1.65 1.82 1.42	A 36 0.18													
08191-2944	1	FCA	A 40748 B 40748	10.591 0.086 12.365 0.439				124.768 965 10 124.768 893 27	-29.738 105 55 -29.738 070 54	1.31 1.31	-5.45 6.07 -5.45 6.07	10.24 9.76 2.13 1.37 1.67 61.66 57.49 2.13 1.37 1.67	A 299 0.26													
08193+4052	1	FCA	A 40770 B 40770	9.716 0.007 10.212 0.011				124.818 353 29 124.818 383 85	+40.865 534 28 +40.865 372 74	1.42 1.42	-6.05 -4.46 -6.05 -4.46	3.93 3.03 4.23 5.64 5.18 6.31 4.39 4.23 5.64 5.18	A 172 0.587													
08195-4027	1	FCA	A 40790 B 40790	8.926 0.005 9.275 0.007				124.879 557 85 124.879 627 14	-40.449 564 14 -40.449 726 73	3.29 3.29	-7.74 1.07 -7.74 1.07	1.51 2.42 1.80 1.42 2.51 3.21 3.50 1.80 1.42 2.51	A 162.0 0.615													
08198+0357	1	FCA	A 40818 B 40818	6.809 0.014 7.125 0.018				124.957 671 77 124.957 740 10	+3.948 073 97 +3.948 101 61	5.63 5.63	26.42 -22.09 26.42 -22.09	2.43 1.72 0.93 1.10 0.75 3.82 3.33 0.93 1.10 0.75	A 68 0.265													
08198-3725	1	FCC	A 40811 B 40811	7.157 0.026 10.259 0.449				124.939 337 04 124.939 280 52	-37.417 759 14 -37.417 717 51	0.47 0.47	-5.43 4.82 -5.43 4.82	3.00 3.24 0.74 0.57 0.67 34.33 39.92 0.74 0.57 0.67	A 313 0.22													
08199-5615	1	FCA	A 40821 B 40821	9.183 0.005 12.322 0.091				124.974 527 20 124.974 335 17	-56.249 960 39 -56.249 761 43	6.15 6.15	-12.56 -2.96 -12.56 -2.96	1.08 1.11 1.09 1.07 1.09 25.81 25.07 1.09 1.07 1.09	A 332 0.81													
08200-3425	1	LCA	P A 40831 B 40831	9.019 0.066 9.660 0.101	9.503 0.020 10.032 0.028	8.907 0.018 9.402 0.025		124.999 962 16 125.007 654 24	-34.420 702 65 -34.419 068 60	13.13 13.13	-81.16 60.55 -18.22 10.12	1.31 1.47 1.65 1.12 1.20 37.97 31.79 1.65 20.91 17.02	A 75.56 23.59 +0.16 +0.05													
08201+3219	1	FCA	A 40852 B 40852	8.790 0.009 12.000 0.162	9.280 0.014	8.709 0.013		125.034 436 52 125.034 951 06	+32.315 828 81 +32.314 977 00	2.75 2.75	-9.73 -19.93 -9.73 -19.93	2.07 1.25 2.19 2.36 1.62 63.86 47.32 2.19 2.36 1.62	A 153 3.44													
08202-2347	1	FCA	A 40857 B 40857	8.490 0.137 10.151 0.631				125.052 825 02 125.052 858 60	-23.783 518 24 -23.783 505 11	2.41 2.41	-7.77 3.13 -7.77 3.13	8.49 3.11 0.98 0.68 0.73 26.29 21.00 0.98 0.68 0.73	A 67 0.12													
08208+5657	1	FCA	A 40905 B 40905	8.422 0.030 10.286 0.166				125.205 869 12 125.205 976 68	+56.952 522 75 +56.952 554 49	8.18 8.18	-13.97 -31.95 -13.97 -31.95	4.79 4.33 1.45 1.33 0.96 19.31 21.09 1.45 1.33 0.96	A 62 0.24													
08208-2508	1	FCA	A 40900 B 40900	8.952 0.007 9.804 0.015				125.199 534 18 125.199 477 57	-25.134 248 36 -25.134 136 52	5.56 5.56	-18.00 13.38 -18.00 13.38	1.55 1.58 1.70 1.23 1.31 4.88 4.13 1.70 1.23 1.31	A 335 0.443													
08211+4725	1	FCA	A 40925 B 40925	8.644 0.008 11.952 0.156	9.122 0.016	8.537 0.015		125.281 112 17 125.280 448 76	+47.413 057 54 +47.412 899 86	13.25 13.25	-9.47 -59.77 -9.47 -59.77	4.88 2.82 4.06 6.13 3.96 145.73 91.94 4.06 6.13 3.96	A 251 1.71													
			C 40927 R 40927	10.327 0.016 11.102 0.032				125.284 406 43 125.284 170 00	+47.402 531 13 +47.402 572 39	13.41 13.41	-19.37 -66.95 -19.37 -66.95	5.69 2.64 4.26 6.60 4.04 15.45 8.96 4.26 6.60 4.04	C 284 0.59													
08212+0423	1	FCA	A 40933 B 40933	8.262 0.007 11.181 0.096	8.288 0.011 11.270 0.117	8.223 0.013 10.902 0.153		125.303 740 62 125.306 638 94	+4.377 592 25 +4.377 877 63	1.69 1.69	-3.18 0.36 -3.18 0.36	1.52 1.07 1.58 2.02 1.36 28.49 23.28 1.58 2.02 1.36	A 84.4 10.45													



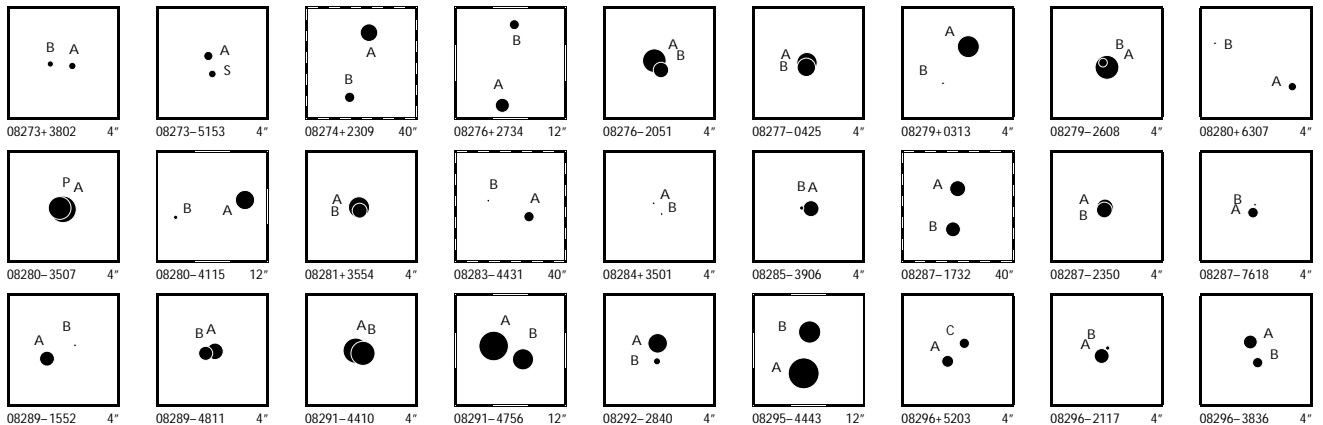
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08213-0136	1	L CA	A 40941 B 40941	7.040 7.576	0.005 0.008						125.334 540 06 125.334 400 35	-1.601 960 51 -1.601 919 74	6.77 6.77	-10.60 -6.83	-30.38 -25.50	1.47 2.95	1.11 2.03	1.29 1.29	1.35 1.92	1.14 1.85	A	286.3	0.524	+0.6	-0.002
08214+3923	1	F CB	A 40946 B 40946	11.262 11.398	0.451 0.512						125.346 066 61 125.346 072 52	+39.389 215 55 +39.389 260 71	-0.15 -0.15	-8.01 -8.01	-9.97 -9.97	16.47 18.91	20.03 55.56	1.90 1.90	2.41 2.41	1.68 1.68	A	6	0.16		
08216+3356	1	F CA	A 40966 B 40966	7.375 10.597	0.005 0.100	8.407	0.011	7.281	0.007		125.404 391 08 125.404 756 22	+33.936 795 17 +33.936 485 55	4.18 4.18	-8.79 -8.79	-4.78 -4.78	1.07 23.40	0.69 14.29	1.21 1.21	1.42 1.42	0.86 0.86	A	136	1.56		
08216+3616	1	F CA	A 40968 B 40968	10.084 12.319	0.006 0.041	10.549	0.040	9.994	0.036		125.409 467 12 125.409 465 41	+36.258 212 84 +36.258 759 43	0.62 0.62	2.23 2.23	-2.02 -2.02	2.55 24.77	1.29 12.37	2.29 2.29	2.74 2.74	1.69 1.69	A	360	1.97		
08217-4112	1	F CA	A 40971 B 40971	8.571 10.461	0.025 0.142						125.420 197 88 125.420 159 63	-41.195 046 47 -41.194 977 48	1.69 1.69	2.62 2.62	-4.23 -4.23	2.33 12.60	3.48 14.77	0.93 0.93	0.76 0.76	0.84 0.84	A	337	0.27		
08219-6720	1	F CA	A 40991 B 40991	7.766 10.433	0.013 0.145						125.479 533 06 125.479 304 40	-67.334 906 60 -67.334 904 28	3.61 3.61	-35.71 -35.71	40.28 40.28	2.45 18.39	2.13 28.35	0.90 0.90	1.10 1.10	0.86 0.86	A	272	0.32		
08221-0649	1	F CA	A 41007 B 41007	9.162 10.952	0.006 0.028	9.192	0.019	9.081	0.023		125.534 964 22 11.339 0118	-6.824 647 25 10.909 0138	2.08 2.08	-4.14 -4.14	-1.33 -1.33	1.58 8.97	1.45 7.33	1.92 1.92	1.74 1.74	1.70 1.70	A	145.8	4.27		
08221-4100	1	L CA	A 41006 B 41006	7.616 8.058	0.004 0.006	7.693	0.017	7.234	0.017		125.534 102 65 125.535 556 58	-40.991 557 48 -40.991 604 88	11.31 11.31	3.21 5.50	41.93 32.43	0.86 1.99	0.92 1.95	0.90 0.90	0.72 1.52	0.81 1.29	A	263.44	1.494	-0.37	-0.001
08222+7449	1	F CC	A 41011 B 41011	6.569 10.491	0.004 0.144	7.683	0.007	6.490	0.005		125.539 591 22 125.536 700 86	+74.820 253 81 +74.817 441 42	7.00 7.00	48.34 48.34	45.30 45.30	0.69 32.53	0.74 46.88	0.87 0.87	0.82 0.82	0.80 0.80	A	195.1	10.48		
08222-2325	1	F CA	A 41009 B 41009	9.213 10.441	0.009 0.026						125.538 001 16 125.538 116 29	-23.413 079 61 -23.413 076 54	5.45 5.45	-11.56 -11.56	16.24 16.24	1.83 5.59	1.65 6.52	1.71 1.71	1.43 1.43	1.49 1.49	A	88	0.381		
08224-5513	1	F CA	A 41026 B 41026	9.548 10.811	0.010 0.031	10.117	0.031	9.306	0.020		125.594 238 03 125.595 357 29	-55.221 696 18 -55.221 507 80	1.99 1.99	-12.85 -12.85	16.18 16.18	1.55 7.40	1.58 6.77	1.57 1.57	1.69 1.69	1.43 1.43	A	73.6	2.40		
08225-2942	1	F CA	A 41042 B 41042	7.343 8.896	0.005 0.019						125.637 369 72 125.637 262 91	-29.692 388 04 -29.692 369 79	4.95 4.95	-9.14 -9.14	-6.47 -6.47	0.96 3.16	1.06 5.05	0.85 0.85	0.54 0.54	0.59 0.59	A	281	0.340		
08225-4829	1	F CA	A 41039 B 41039	5.125 6.087	0.002 0.005						125.632 077 74 125.632 286 70	-48.490 397 42 -48.490 556 48	2.16 2.16	-6.28 -6.28	6.81 6.81	0.56 1.92	0.50 1.67	0.57 0.57	0.61 0.61	0.50 0.50	A	139.0	0.759		
08225-5931	1	F CA	A 41037 B 41037	2.166 4.121	0.004 0.017						125.628 602 99 125.628 792 75	-59.509 538 29 -59.509 623 50	5.16 5.16	-25.34 -25.34	22.72 22.72	0.69 5.49	0.61 4.98	0.49 0.49	0.53 0.53	0.45 0.45	A	132	0.46		
08226-0930	1	F CB	A 41051 B 41051	8.768 12.039	0.011 0.227						125.650 888 33 125.650 847 04	-9.507 627 45 -9.507 726 12	-0.61 -0.61	-5.34 -5.34	0.12 0.12	2.55 59.29	2.16 46.34	1.61 1.61	1.90 1.90	1.38 1.38	A	202	0.38		
08226-2859	1	F CB	A 41044 B 41044	8.025 10.441	0.061 0.561						125.641 365 78 125.641 413 83	-28.976 457 31 -28.976 429 79	11.69 11.69	17.17 17.17	-127.17 -127.17	5.84 25.40	3.31 25.50	0.79 0.79	0.44 0.44	0.52 0.52	A	57	0.18		
08226-3748	1	F CA	A 41049 B 41049	9.048 12.081	0.007 0.106	8.953	0.011	9.002	0.015		125.650 364 09 125.653 314 19	-37.805 030 03 -37.803 367 72	1.19 1.19	-6.57 -6.57	2.05 2.05	0.96 21.65	1.19 27.32	1.23 1.23	0.94 0.94	1.07 1.07	A	54.5	10.31		
08226-7840	1	F CA	A 41048 B 41048	9.564 12.181	0.009 0.092	10.489	0.035	9.508	0.024		125.650 147 21 125.648 810 35	-78.673 539 35 -78.672 882 23	9.93 9.93	-96.06 -96.06	132.72 132.72	1.26 18.98	1.19 15.72	1.19 1.19	1.29 1.29	1.20 1.20	A	338.2	2.55		
08227-1555	1	F CA	A 41061 B 41061	9.302 10.050	0.106 0.209						125.684 010 80 125.683 998 35	-15.916 483 96 -15.916 535 99	2.83 2.83	-2.30 -2.30	4.46 4.46	4.91 8.87	10.47 17.73	1.14 1.14	1.00 1.00	0.98 0.98	A	193	0.19		
08228-5753	1	F CA	A 41066 B 41066	7.972 11.505	0.004 0.105	8.111	0.008	7.924	0.009		125.691 697 09 125.688 659 04	-57.888 633 78 -57.887 257 48	6.51 6.51	-10.59 -10.59	17.64 17.64	0.78 27.00	0.78 30.22	0.78 0.78	0.78 0.78	0.81 0.81	A	310.4	7.64		
08228-7626	1	I CA	A 41070 B 41070	7.262 8.340	0.057 0.119	7.233	0.006	7.205	0.007		125.700 724 07 125.704 456 78	-76.430 868 61 -76.435 473 90	3.61 3.39	-13.12 -8.28	28.97 29.32	29.13 3.50	15.29 3.38	1.60 2.23	2.27 3.16	1.99 2.82	A	129.61	26.010	-0.01	+0.004
08230+0738	1	I NB	A 41088 B 41090	9.321 9.345	0.030 0.030	10.085	0.039	9.199	0.030		125.743 872 93 125.747 253 86	+7.630 469 39 +7.630 932 92	13.70 10.92	7.73 16.69	-8.46 -15.77	10.82 6.09	7.42 4.18	6.12 5.15	7.59 6.48	5.88 5.18	B	82.12	12.18	+0.04	+0.01
08230-3126	1	I CA	A 41089 B 41092	8.990 9.337	0.020 0.023	8.906	0.012	8.889	0.015		125.745 108 25 125.749 775 26	-31.440 876 30 -31.438 447 06	-2.38 -5.13	-7.21 -8.54	-1.73 5.91	2.80 7.57	4.33 12.72	4.09 5.45	3.31 6.15	3.82 8.49	A	58.61	16.79	-0.02	0.00
08230-7102	1	F CC	A 41093 B 41093	9.361 10.126	0.377 0.762						125.749 359 01 125.749 396 43	-71.035 991 92 -71.035 965 35	8.58 8.58	-38.04 -38.04	59.93 59.93	8.70 21.21	16.66 34.50	0.75 0.75	0.87 0.87	0.75 0.75	A	25	0.11		
08231+2001	1	F CA	A 41098 B 41098	9.826 9.889	0.023 0.024						125.765 467 72 125.765 407 83	+20.018 251 65 +20.018 324 54	6.55 6.55	-3.42 -3.42	-14.74 -14.74	4.58 7.90	2.95 4.02	1.78 1.78	2.33 2.33	1.78 1.78	A	322	0.33		
08234-4225	1	F CA	A 41121 B 41121	9.195 10.091	0.015 0.030	10.279	0.041	9.215	0.023		125.860 225 38 125.860 077 35	-42.418 746 62 -42.419 095 05	1.13 1.13	4.26 4.26	-3.81 -3.81	1.96 5.98	2.14 8.84	2.17 2.17	2.25 2.25	2.07 2.07	A	197.4	1.31		
08239+1038	1	F CB	A 41163 B 41163	6.255 9.506	0.006 0.108	8.108	0.015	6.307	0.006		125.980 035 81 125.979 711 42	+10.632 116 38 +10.632 077 31	2.93 2.93	3.69 3.69	-22.13 -22.13	1.48 27.75	0.83 15.42	1.34 1.34	1.82 1.82	0.91 0.91	A	263	1.16		



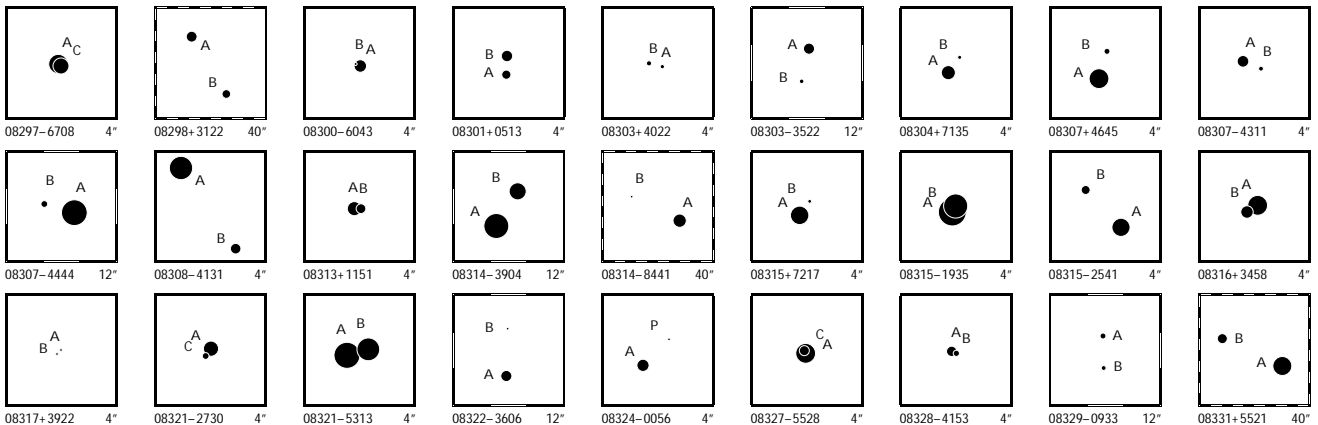
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _I	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08240-1548	1	FCA	A 41171 B 41171	8.833 0.007 10.782 0.038						126.002 939 58 126.003 063 36	-15.797 112 29 -15.797 356 08	5.50 5.50	-28.49 -28.49	-13.37 -13.37	1.36 12.81	1.27 9.45	1.67 1.67	1.37 1.37	1.29 1.29	A 154	0.98					
08243+4457	1	IND	D A 41184 B 41181	7.824 0.011 9.322 0.031	8.488 0.013 10.355 0.045	7.763 0.013 9.270 0.030				126.065 450 92 126.055 311 97	+44.950 142 47 +44.946 353 13	27.10 16.85	-66.67 -69.63	-178.58 -174.46	2.48 13.91	1.54 7.83	2.18 6.98	2.81 8.63	1.98 6.24	A 242.17	29.21	+0.01	0.00			
08244+6453	1	FCA	A 41199 S 41199	9.438 0.041 9.947 0.065						126.109 948 29 126.109 946 55	+64.890 965 27 +64.890 895 44	5.37 5.37	-25.96 -25.96	0.23 0.23	3.42 6.63	5.04 8.24	1.56 1.56	1.13 1.13	1.20 1.20	A 181	0.25					
08244-4131	1	FCA	A 41198 B 41198	8.060 0.005 9.514 0.020						126.101 402 87 126.101 495 09	-41.523 831 43 -41.523 740 71	2.27 2.27	-6.35 -6.35	10.53 10.53	0.99 4.09	1.18 5.07	0.92 0.92	0.77 0.77	0.92 0.92	A 37	0.410					
08245+3409	1	FCA	A 41202 B 41202	10.674 0.011 11.310 0.020	10.880 0.048 11.419 0.086	10.555 0.056 10.963 0.085				126.122 098 84 126.121 036 45	+34.153 660 46 +34.152 286 45	4.65 4.65	-12.89 -12.89	-4.26 -4.26	3.44 9.81	1.87 5.81	3.80 3.80	4.44 4.44	2.86 2.86	A 212.6	5.87					
08247+4200	1	FCA	A 41225 C 41225	8.727 0.010 11.150 0.086						126.181 169 70 126.181 322 44	+41.982 199 55 +41.982 225 26	10.42 10.42	-42.94 -42.94	-57.20 -57.20	2.17 17.17	1.20 13.21	1.53 1.53	1.84 1.84	1.07 1.07	A 77	0.42					
08250-4246	1	LCA	P A 41250 B 41250	6.393 0.004 7.014 0.006						126.238 398 28 126.238 557 58	-42.769 850 34 -42.769 896 56	1.05 1.05	-12.12 -7.83	6.83 8.74	0.89 1.86	0.79 1.83	0.72 0.72	0.69 0.60	0.69 1.12	A 111.6	0.453	-0.4	+0.003			
08251-4910	1	LCA	A 41261 B 41261	8.270 0.016 8.938 0.030						126.267 269 67 126.267 214 03	-49.159 711 59 -49.159 779 11	30.14 30.14	80.65 44.79	-116.94 -83.90	1.66 3.45	2.25 4.15	0.79 0.79	1.59 3.08	1.44 2.80	A 208	0.276	+10	-0.012			
08252-5528	1	FCA	A 41266 B 41266	6.774 0.009 6.689 0.052						126.288 773 13 126.288 930 99	-55.472 835 02 -55.472 813 12	2.80 2.80	-7.76 -7.76	2.40 2.40	1.71 5.55	0.87 5.30	0.58 0.58	0.63 0.63	0.50 0.50	A 76	0.332					
08253+2421	1	IND	D A 41279 B 41276	8.738 0.007 10.409 0.022	9.970 0.033 11.686 0.126	8.653 0.018 10.215 0.049				126.325 800 04 126.320 794 98	+24.350 112 19 +24.343 408 05	3.08 -1.22	10.39 -1.30	-4.62 7.40	2.50 10.64	1.71 6.15	2.40 6.31	2.83 9.13	2.10 5.95	A 214.22	29.19	+0.03	0.00			
08254+3723	1	FCA	A 41286 B 41286	8.721 0.074 8.856 0.084						126.348 899 47 126.348 811 27	+37.388 533 01 +37.388 532 01	6.60 6.60	-17.69 -17.69	-33.27 -33.27	9.50 10.82	2.95 3.92	1.31 1.31	1.61 1.61	1.06 1.06	A 269	0.25					
08254-3120	1	FCC	A 41288 B 41288	8.788 0.006 12.526 0.168	8.752 0.010	8.751 0.013				126.359 819 52 126.358 735 61	-31.332 607 39 -31.333 433 68	0.68 0.68	-5.12 -5.12	3.88 3.88	0.80 39.24	1.02 45.68	1.26 1.26	0.87 0.87	0.98 0.98	A 228	4.47					
08255-4638	1	FCA	A 41295 B 41295	8.709 0.007 11.420 0.077						126.377 164 07 126.377 365 35	-46.634 247 28 -46.634 203 82	2.22 2.22	-6.28 -6.28	5.02 5.02	1.56 15.29	1.18 17.67	1.19 1.19	1.30 1.30	1.06 1.06	A 73	0.52					
08256-6714	1	FCA	A 41301 B 41301	10.331 0.007 10.600 0.009						126.400 394 06 126.399 783 85	-67.225 144 46 -67.225 250 66	7.99 7.99	-26.67 -26.67	41.49 41.49	2.31 4.01	2.20 3.73	2.20 2.20	2.28 2.28	2.29 2.29	A 245.8	0.932					
08259-1623	1	FCA	A 41322 B 41322	10.461 0.010 12.833 0.077						126.465 485 70 126.465 246 60	-16.379 867 72 -16.379 917 10	20.49 20.49	-186.39 -186.39	26.17 26.17	2.27 28.67	2.01 27.47	2.70 2.70	2.46 2.46	1.90 1.90	A 258	0.84					
08263+3310	1	FCA	A 41362 B 41362	11.341 0.024 11.510 0.028						126.574 084 59 126.574 019 42	+33.159 962 03 +33.160 059 26	4.42 4.42	10.37 10.37	2.35 2.35	5.44 11.79	3.95 6.09	4.34 4.34	4.79 4.79	3.71 3.71	A 331	0.40					
08263+3733	1	LCA	A 41367 B 41368	8.750 0.006 10.115 0.017	8.910 0.012 10.372 0.042	8.702 0.014 9.911 0.042				126.585 018 75 126.587 685 03	+37.545 397 65 +37.547 215 16	3.78 15.81	-14.93 -34.81	-13.15 -10.54	2.79 9.66	1.74 6.31	2.38 6.77	3.49 10.00	2.59 7.80	A 49.31	10.04	-0.09	-0.01			
08263-3904	1	FCA	D A 41361 B 41361	6.510 0.005 7.275 0.009	6.425 0.005 7.274 0.007	6.498 0.006 7.172 0.007				126.573 901 36 126.576 301 90	-39.058 974 59 -39.060 234 63	5.32 5.32	-7.92 -7.92	7.76 7.76	0.70 2.22	0.80 2.34	0.87 0.87	0.68 0.68	0.77 0.77	A 124.06	8.100					
08263-4208	1	FCC	A 41357 B 41357	7.922 0.009 11.674 0.278						126.566 186 89 126.566 069 47	-42.137 492 31 -42.137 440 04	-0.14 -0.14	-5.37 -5.37	5.27 5.27	1.35 42.26	1.56 56.07	0.98 0.98	0.85 0.85	0.98 0.98	A 301	0.37					
08264-5926	1	FCA	A 41371 B 41371	8.876 0.005 10.417 0.021						126.598 528 00 126.598 126 90	-59.436 045 88 -59.436 260 88	3.03 3.03	-20.77 -20.77	29.49 29.49	1.08 5.85	1.10 5.53	1.05 1.05	1.11 1.11	1.17 1.17	A 223.5	1.07					
08267+2432	1	FCA	A 41389 B 41389	6.994 0.005 7.863 0.010	7.255 0.008 8.208 0.012	6.938 0.009 7.665 0.011				126.665 909 71 126.667 245 63	+24.534 364 29 +24.535 388 48	13.16 13.16	-40.37 -40.37	-81.53 -81.53	1.47 4.72	0.95 3.46	1.48 1.48	1.70 1.70	1.28 1.28	A 49.88	5.722					
08267+8136	1	FCA	A 41392 B 41392	9.910 0.011 12.686 0.143						126.669 540 89 126.668 738 89	+81.601 982 46 +81.602 131 15	2.14 2.14	-3.63 -3.63	-20.49 -20.49	1.73 29.71	1.63 27.07	1.93 1.93	1.66 1.66	1.69 1.69	A 322	0.68					
08268+2656	1	FCA	A 41404 B 41404	6.263 0.004 6.313 0.005	6.416 0.006	6.189 0.006				126.696 148 59 126.695 165 32	+26.935 485 70 +26.934 350 81	11.78 11.78	-9.57 -9.57	1.27 1.27	1.09 2.18	0.72 1.51	1.06 1.06	1.06 1.06	0.86 0.86	A 217.68	5.162					
08269+3212	1	FCA	A 41423 B 41423	9.647 0.008 10.427 0.015						126.735 406 31 126.735 227 87	+32.196 760 04 +32.196 870 07	15.43 15.43	-37.59 -37.59	-122.09 -122.09	2.90 8.01	1.82 4.34	3.01 3.01	3.19 3.19	2.22 2.22	A 306	0.67					
08269+6451	1	FCA	A 41414 B 41414	8.700 0.008 11.634 0.123	9.759 0.020	8.622 0.013				126.715 312 77 126.716 776 98	+64.852 773 73 +64.852 167 75	2.85 2.85	-10.41 -10.41	-18.85 -18.85	1.39 24.19	1.35 24.95	1.86 1.86	1.49 1.49	1.51 1.51	A 134	3.13					
08270-0924	1	FCC	A 41433 B 41433	8.967 0.034 12.078 0.597						126.758 132 02 126.758 056 63	-9.407 858 18 -9.407 858 95	0.19 0.19	-2.14 -2.14	-0.82 -0.82	4.96 95.24	3.57 65.80	2.10 2.10	1.78 1.78	1.65 1.65	A 269	0.27					
08270-5242	1	LCA	A 41426 B 41426	6.985 0.041 7.854 0.092						126.740 950 42 126.741 025 34	-52.704 834 76 -52.704 853 93	18.49 18.49	-83.60 -111.76	-43.30 -49.27	3.47 6.20	2.38 5.72	0.52 0.52	1.12 2.31	1.32 3.02	A 113	0.177	+5	-0.024			



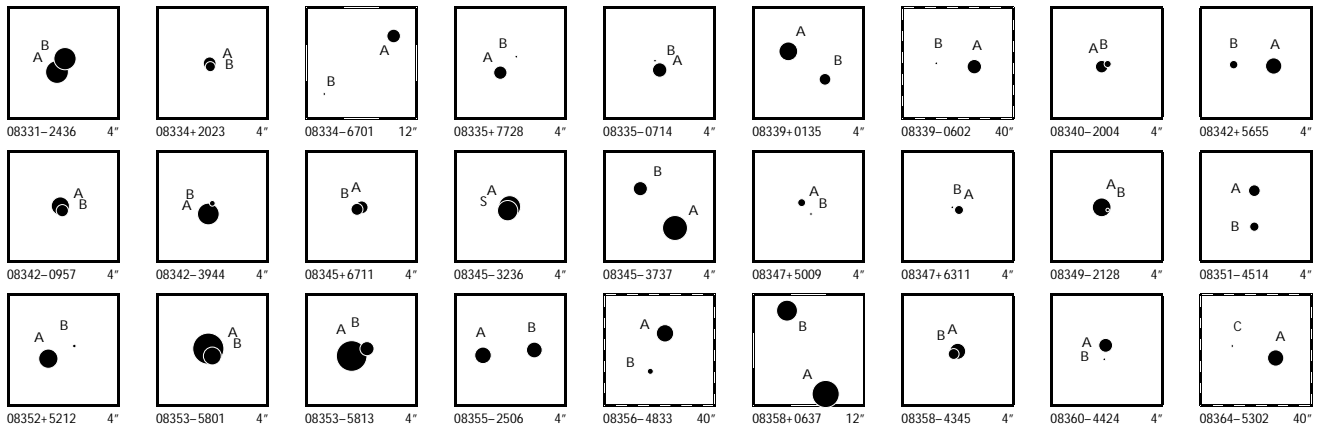
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^* mas	δ mas	π mas	μ_{α^*} mas/yr	μ_{δ} mas/yr	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
08273+3802	1	F CA	A 41457 B 41457	10.381 0.010 10.605 0.012							126.831 840 96 126.832 131 63	+38.025 931 00 +38.025 953 31	2.32 2.32	-3.76 -3.76	-39.21 -39.21	4.58 2.13 3.57 6.83 4.25 3.57	6.71 3.30 6.71 3.30					A	84.4	0.83		
08273-5153	1	F CA	A 41458 S 41458	9.931 0.007 10.323 0.010							126.831 717 16 126.831 655 00	-51.891 835 89 -51.891 018 58	7.11 7.11	-49.48 -49.48	-15.58 -15.58	2.31 3.30 2.66 4.55 5.27 2.66	2.59 3.16 2.59 3.16					A	191.9	0.672		
08274+2309	1	I CB G	A 41460 B 41462	8.097 0.029 9.732 0.098	8.146 0.012 9.821 0.030	8.065 0.014 9.598 0.037					126.857 028 81 126.859 201 73	+23.152 141 67 +23.145 502 37	18.93 18.10	-21.50 -12.38	-12.93 -5.88	47.95 31.39 4.29 12.90 7.26 8.01	4.29 2.51 4.03 14.42 7.77					A	163.25	24.96	-0.02	0.00
08276+2734	1	F CA	A 41487 B 41487	8.859 0.005 9.756 0.012	9.136 0.023 10.184 0.040	8.856 0.025 9.585 0.036					126.912 695 42 126.912 276 55	+27.561 814 69 +27.564 304 26	7.66 7.66	-2.55 -2.55	-2.01 -2.01	2.00 1.20 1.86 6.18 3.35 1.86	2.16 1.61 2.16 1.61					A	351.52	9.062		
08276-2051	1	F CA	A 41475 B 41475	6.787 0.004 8.579 0.020							126.888 611 61 126.888 540 29	-20.843 921 21 -20.844 016 29	4.51 4.51	12.20 12.20	-15.12 -15.12	1.06 1.00 1.00 5.96 5.41 1.00	1.00 0.96 0.78 0.96 0.78					A	215	0.42		
08277-0425	1	F CA	A 41489 B 41489	7.473 0.080 7.911 0.119							126.920 057 33 126.920 063 97	-4.414 764 54 -4.414 807 82	8.22 8.22	26.29 26.29	-40.83 -40.83	4.10 6.40 0.87 5.98 8.18 0.87	0.86 0.79 0.86 0.79					A	171	0.158		
08279+0313	1	F CC	A 41508 B 41508	7.148 0.003 11.391 0.137	8.440 0.012	7.089 0.005					126.981 773 39 126.982 033 40	+3.218 578 62 +3.218 199 24	1.93 1.93	-19.65 -19.65	-6.84 -6.84	1.10 0.88 1.25 47.54 31.01 1.25	1.15 0.91 1.15 0.91					A	146	1.65		
08279-2608	1	F CC	A 41504 B 41504	6.692 0.019 10.057 0.417							126.973 774 62 126.973 817 62	-26.132 946 82 -26.132 894 56	9.89 9.89	-41.82 -41.82	-4.73 -4.73	1.93 2.16 0.79 32.95 31.62 0.79	0.59 0.61 0.59 0.61					A	36	0.23		
08280+6307	1	F CC	A 41512 B 41512	10.151 0.010 13.213 0.169	10.961 0.045	10.058 0.032					126.988 083 64 126.989 838 02	+63.120 749 46 +63.121 183 38	3.56 3.56	-10.24 -10.24	-17.78 -17.78	1.74 1.43 2.20 38.03 36.12 2.20	1.54 1.55 1.54 1.55					A	61	3.25		
08280-3507	1	F CA	A 41515 P 41515	6.106 0.147 6.949 0.320							126.997 597 29 126.997 627 32	-35.113 792 21 -35.113 779 55	3.26 3.26	-6.91 -6.91	11.03 11.03	6.55 3.67 0.53 12.40 9.30 0.53	0.40 0.40 0.40 0.40					A	63	0.10		
08280-4115	1	F CA	A 41517 B 41517	7.724 0.004 11.045 0.085	7.650 0.006 11.364 0.139	7.704 0.008 10.665 0.116					127.005 346 50 127.008 173 80	-41.245 431 35 -41.245 978 05	2.74 2.74	-7.91 -7.91	7.20 7.20	0.74 0.79 0.85 19.87 26.54 0.85	0.76 0.78 0.76 0.78					A	104.4	7.90		
08281+3554	1	F CB	A 41519 B 41519	7.314 0.111 8.712 0.402							127.017 187 77 127.017 190 73	+35.891 856 58 +35.891 822 22	9.81 9.81	-50.62 -50.62	-16.22 -16.22	8.00 6.92 0.84 30.16 21.33 0.84	1.00 0.62 1.00 0.62					A	176	0.12		
08283-4431	1	I CA	A 41543 B 41545	9.748 0.013 12.606 0.164	10.729 0.061	9.708 0.039					127.071 978 63 127.077 895 25	-44.523 840 39 -44.522 206 97	2.76 -4.38	-0.84 16.57	12.80 -1.48	2.36 2.46 2.24 52.50 49.36 24.77	2.50 2.44 36.18 35.17					A	68.8	16.28	+0.1	+0.01
08284+3501	1	LCB	A 41554 B 41554	11.508 0.015 11.545 0.016							127.095 210 21 127.095 116 24	+35.017 254 79 +35.017 132 73	51.13 51.13	-1014.26 -961.31	-328.95 -325.06	10.94 5.15 6.64 17.34 9.18 6.64	9.18 4.77 10.57 5.85					A	212	0.52	-5	-0.03
08285-3906	1	F CA	A 41567 B 41567	8.485 0.006 11.038 0.064							127.134 404 05 127.134 534 23	-39.092 526 43 -39.092 521 35	3.46 3.46	-7.48 -7.48	33.78 33.78	1.36 1.26 1.05 11.04 14.85 1.05	0.78 0.90 0.78 0.90					A	87	0.36		
08287-1732	1	I CA	A 41589 B 41590	8.448 0.017 8.671 0.019	8.752 0.017 9.105 0.018	8.395 0.017 8.780 0.020					127.183 082 23 127.183 582 21	-17.525 215 71 -17.529 374 57	1.21 -4.21	-3.31 -10.03	1.47 2.78	4.08 3.60 4.08 8.87 8.68 5.29	6.00 3.51 4.17 5.67					A	173.46	15.07	+0.02	0.00
08287-2350	1	F CA	A 41582 B 41582	8.324 0.208 8.534 0.252							127.172 824 74 127.172 824 65	-23.829 003 38 -23.829 036 60	5.43 5.43	-15.91 -15.91	-0.84 -0.84	5.65 14.99 0.84 6.86 10.03 0.84	0.64 0.56 0.64 0.56					A	180	0.12		
08287-7618	1	F CC	A 41580 B 41580	9.640 0.019 12.715 0.311							127.168 601 11 127.168 518 10	-76.295 707 89 -76.295 614 83	5.43 5.43	-9.10 -9.10	8.17 8.17	2.42 3.16 1.46 49.69 57.13 1.46	1.67 1.48 1.67 1.48					A	348	0.34		
08289-1552	1	F CB	A 41609 B 41609	8.676 0.007 11.957 0.147	9.711 0.025	8.634 0.017					127.235 646 30 127.235 342 97	-15.870 136 42 -15.869 995 50	29.69 29.69	152.93 152.93	-142.30 -142.30	1.44 1.21 1.63 37.05 32.48 1.63	1.56 1.16 1.56 1.16					A	296	1.17		
08289-4811	1	F CA	A 41601 B 41601	8.355 0.012 8.868 0.019							127.217 694 97 127.217 841 41	-48.190 455 14 -48.190 481 47	1.66 1.66	-6.19 -6.19	7.15 7.15	1.93 1.49 1.26 3.37 3.14 1.26	1.54 1.11 1.54 1.11					A	105	0.364		
08291-4410	1	F CA	A 41621 B 41621	6.415 0.011 6.674 0.014							127.281 598 77 127.281 496 06	-44.160 421 33 -44.160 444 52	2.04 2.04	-7.39 -7.39	7.50 7.50	1.61 1.05 0.63 2.33 1.93 0.63	0.72 0.57 0.72 0.57					A	253	0.278		
08291-4756	1	F CA	A 41616 B 41616	5.478 0.004 7.313 0.021	7.080 0.011	7.171 0.011					127.269 825 65 127.268 506 28	-47.928 939 48 -47.929 348 50	1.99 1.99	-7.77 -7.77	6.72 6.72	0.74 0.67 0.75 6.22 5.58 0.75	0.96 0.70 0.96 0.70					A	245.2	3.51		
08292-2840	1	F CA	A 41627 B 41627	7.660 0.004 10.462 0.044							127.295 321 28 127.295 329 60	-28.665 738 08 -28.665 922 44	5.02 5.02	-13.03 -13.03	8.32 8.32	0.65 0.84 1.09 11.08 12.19 1.09	0.65 0.80 0.65 0.80					A	178	0.66		
08295-4443	1	F CA	A 41639 B 41639	5.143 0.004 7.051 0.022	4.953 0.003 6.781 0.008	5.154 0.004 6.951 0.010					127.364 533 32 127.364 256 30	-44.724 827 73 -44.723 561 34	0.47 0.47	-5.85 -5.85	6.41 6.41	0.73 0.67 0.79 5.95 5.39 0.79	0.76 0.71 0.76 0.71					A	351.2	4.61		
08296+5203	1	F CA	A 41651 C 41651	9.339 0.010 9.705 0.014							127.401 722 10 127.401 433 03	+52.053 105 96 +52.053 282 57	15.49 15.49	-86.25 -86.25	24.36 24.36	2.47 2.03 2.44 4.26 3.63 2.44	2.72 2.47 2.72 2.47					A	314.8	0.902		
08296-2117	1	F CA	A 41649 B 41649	8.683 0.011 11.018 0.094							127.388 289 57 127.388 223 91	-21.280 821 55 -21.280 735 23	3.39 3.39	2.53 2.53	-0.01 -0.01	2.27 2.29 1.86 20.92 18.87 1.86	1.39 1.42 1.39 1.42					A	325	0.38		
08296-3836	1	F CA	A 41650 B 41650	8.937 0.005 9.734 0.010							127.395 430 43 127.395 335 28	-38.605 889 10 -38.606 100 07	3.47 3.47	-5.81 -5.81	8.73 8.73	1.09 1.45 1.43 3.39 3.86 1.43	1.08 1.36 1.08 1.36					A	199.4	0.805		



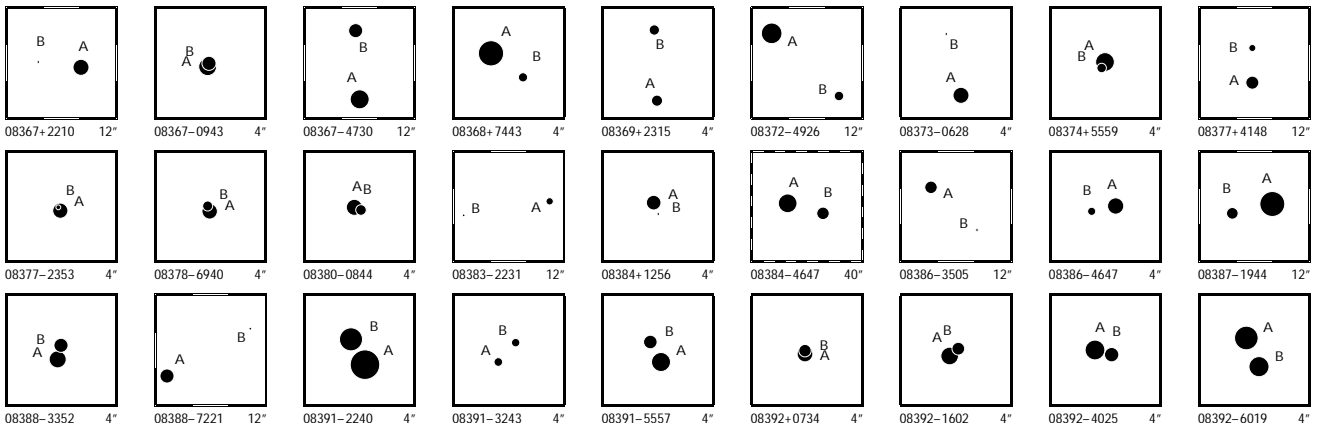
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08297-6708	1	FCA	A 41667 C 41667	7.739 0.143 8.485 0.283				127.428 972 51 127.428 904 63	-67.139 830 58 -67.139 849 81	3.47 3.47	-11.25 17.22 -11.25 17.22	6.46 4.35 0.53 0.66 0.45 13.70 14.73 0.53 0.66 0.45	A 234	0.12												
08298+3122	1	ICB	A 41685 B 41682	9.585 0.008 10.075 0.010	9.850 0.021 10.328 0.031	9.433 0.022 9.837 0.031		127.463 562 31 127.459 351 85	+31.375 595 04 +31.369 655 42	4.88 12.11	3.74 -0.26 3.65 -0.41	2.64 1.63 2.48 2.78 2.01 7.68 4.58 5.87 6.80 5.03	A 211.19	24.994	0.00	0.000										
08300-6043	1	FCB	A 41696 B 41696	9.247 0.090 11.349 0.622				127.503 747 15 127.503 843 90	-60.714 955 90 -60.714 935 87	2.55 2.55	-0.13 -9.60 -0.13 -9.60	8.10 4.85 0.89 0.86 0.85 43.59 32.39 0.89 0.86 0.85	A 67	0.19												
08301+0513	1	FCA	B 41699 A 41699	9.477 0.007 9.932 0.010				127.523 624 01 127.523 631 14	+5.217 977 39 +5.217 786 19	0.90 0.90	7.54 -16.11 7.54 -16.11	3.76 3.19 3.61 4.80 4.12 5.96 4.48 3.61 4.80 4.12	B 177.9	0.689												
08303+4022	1	FCA	B 41702 A 41702	10.874 0.016 11.012 0.018				127.563 460 33 127.563 286 10	+40.370 480 30 +40.370 440 44	0.55 0.55	-28.84 -5.43 -28.84 -5.43	9.76 7.47 5.84 9.00 4.22 12.28 8.82 5.84 9.00 4.22	B 253	0.50												
08303-3522	1	FCA	A 41709 B 41709	9.560 0.008 10.961 0.027	11.218 0.060	9.486 0.020		127.583 703 25 127.583 983 61	-35.371 861 87 -35.372 869 03	0.49 0.49	-4.06 10.38 -4.06 10.38	1.26 1.59 1.72 1.36 1.44 6.12 7.83 1.72 1.36 1.44	A 167.2	3.72												
08304+7135	1	FCA	A 41715 B 41715	8.888 0.005 11.127 0.036				127.598 775 74 127.598 406 82	+71.577 683 84 +71.577 839 86	2.85 2.85	0.38 -2.37 0.38 -2.37	1.02 1.15 1.46 0.98 1.25 9.53 9.94 1.46 0.98 1.25	A 323	0.70												
08307+4645	1	FCB	A 41739 B 41739	7.616 0.010 10.664 0.164	7.980 0.011	7.527 0.011		127.673 665 78 127.673 550 70	+46.749 536 81 +46.749 825 28	8.75 8.75	-26.84 17.65 -26.84 17.65	1.77 1.14 1.76 2.39 1.30 44.86 32.47 1.76 2.39 1.30	A 345	1.08												
08307-4311	1	FCA	A 41744 B 41744	9.423 0.005 10.944 0.020				127.686 640 32 127.686 387 68	-43.175 083 64 -43.175 163 19	11.67 11.67	-25.71 47.31 -25.71 47.31	1.39 1.23 1.49 1.57 1.27 6.78 7.32 1.49 1.57 1.27	A 247	0.72												
08307-4444	1	FCC	A 41737 B 41737	6.317 0.003 10.527 0.144	6.257 0.003	6.313 0.004		127.663 490 41 127.664 790 69	-44.737 331 65 -44.737 075 83	1.46 1.46	-9.65 4.90 -9.65 4.90	0.62 0.56 0.67 0.70 0.61 34.81 35.48 0.67 0.70 0.61	A 75	3.45												
08308-4131	1	FCA	A 41746 B 41746	6.867 0.003 9.630 0.034	8.012 0.007	6.805 0.005		127.693 530 57 127.692 773 71	-41.515 047 19 -41.515 878 92	6.02 6.02	-48.45 15.39 -48.45 15.39	0.60 0.63 0.68 0.64 0.60 9.86 8.04 0.68 0.64 0.60	A 214.3	3.62												
08313+1151	1	FCA	A 41790 B 41790	8.874 0.075 9.858 0.186				127.812 956 61 127.812 889 66	+11.855 179 28 +11.855 178 22	8.22 8.22	-21.79 -21.30 -21.79 -21.30	9.70 5.20 1.47 2.20 1.22 21.74 13.48 1.47 2.20 1.22	A 269	0.24												
08314-3904	1	FCA	A 41806 B 41806	6.466 0.004 8.225 0.018	6.282 0.005 8.022 0.016	6.438 0.005 8.172 0.022		127.852 912 67 127.852 080 59	-39.064 132 61 -39.063 070 83	2.09 2.09	-5.92 9.30 -5.92 9.30	0.68 0.83 0.90 0.68 0.81 5.35 5.85 0.90 0.68 0.81	A 328.7	4.47												
08314-8441	1	FND	D A 41796 B 41796	9.076 0.028 11.975 0.339	10.375 0.041	9.008 0.022		127.833 052 73 127.885 839 90	-84.685 033 87 -84.682 527 09	1.29 1.29	6.21 0.14 6.21 0.14	1.22 1.26 1.25 1.48 1.45 76.54 76.18 1.25 1.48 1.45	A 62.9	19.79												
08315+7217	1	FCA	A 41809 B 41809	7.934 0.003 11.135 0.062				127.864 622 69 127.864 284 54	+72.291 265 00 +72.291 410 69	4.02 4.02	9.55 -14.31 9.55 -14.31	0.85 0.92 1.17 0.88 1.08 20.23 21.70 1.17 0.88 1.08	A 325	0.64												
08315-1935	1	LCA	A 41817 B 41817	5.816 0.017 6.668 0.036				127.878 941 94 127.878 914 44	-19.577 457 95 -19.577 399 28	8.56 8.56	-29.74 -9.28 -40.92 -8.84	1.78 1.95 0.79 1.08 0.69 4.58 3.73 0.79 1.22 1.24	A 336	0.231	-2	+0.005										
08315-2541	1	FCA	P A 41811 B 41811	7.978 0.005 9.999 0.027	8.010 0.008 9.762 0.054	7.933 0.008 9.427 0.035		127.866 785 95 127.867 189 19	-25.682 183 99 -25.681 798 39	3.67 3.67	-8.83 6.60 -8.83 6.60	0.92 0.96 1.25 0.93 0.96 6.92 7.53 1.25 0.93 0.96	A 43.3	1.91												
08316+3458	1	LCA	A 41820 B 41820	7.620 0.005 9.256 0.022				127.895 975 22 127.896 111 06	+34.966 200 04 +34.966 127 13	34.83 34.83	-16.34 9.84 5.06 21.44	1.82 1.08 1.37 1.50 0.97 10.59 5.24 1.37 7.75 4.38	A 123	0.48	-3	+0.01										
08317+3922	1	FCA	A 41830 B 41830	11.583 0.132 12.034 0.200				127.917 987 48 127.918 038 83	+39.358 780 81 +39.358 736 94	4.02 4.02	217.52 -138.43 217.52 -138.43	15.43 9.96 3.23 3.35 2.77 36.37 19.16 3.23 3.35 2.77	A 138	0.21												
08321-2730	1	FCA	A 41860 C 41860	8.655 0.015 10.529 0.085				128.020 695 11 128.020 752 08	-27.493 302 56 -27.493 379 54	0.08 0.08	-7.48 5.83 -7.48 5.83	1.73 2.36 1.21 0.78 1.04 8.83 11.93 1.21 0.78 1.04	A 147	0.33												
08321-5313	1	FCA	A 41861 B 41861	6.264 0.003 6.957 0.006				128.020 720 39 128.020 357 19	-53.211 960 39 -53.211 901 85	3.57 3.57	-16.20 16.78 -16.20 16.78	0.76 0.72 0.76 0.89 0.74 1.70 1.96 0.76 0.89 0.74	A 285.1	0.811												
08322-3606	1	FCA	A 41862 B 41862	9.525 0.008 11.951 0.072	9.492 0.015	9.490 0.021		128.036 267 90 128.036 225 14	-36.107 566 06 -36.106 103 92	1.17 1.17	-4.90 5.02 -4.90 5.02	1.15 1.46 1.60 1.22 1.26 15.31 20.46 1.60 1.22 1.26	A 358.6	5.27												
08324-0056	1	FND	D A 41880 P 41880	9.280 0.019 12.764 0.472	9.866 0.026	9.196 0.023		128.093 311 09 128.093 047 24	-0.938 199 58 -0.937 928 83	14.33 14.33	-134.22 81.46 -134.22 81.46	2.28 2.13 2.30 2.40 1.90 106.33 98.60 2.30 2.40 1.90	A 316	1.36												
08327-5528	1	FCC	A 41906 C 41906	7.614 0.131 9.794 0.975				128.171 370 08 128.171 399 34	-55.469 899 58 -55.469 870 63	1.78 1.78	-4.02 1.06 -4.02 1.06	2.20 8.97 0.55 0.57 0.51 40.14 31.59 0.55 0.57 0.51	A 30	0.12												
08328-4153	1	FCC	A 41919 B 41919	9.709 0.393 10.644 0.929				128.198 884 88 128.198 832 15	-41.879 201 51 -41.879 221 50	2.57 2.57	-7.91 7.81 -7.91 7.81	23.42 15.98 0.95 0.81 0.78 69.26 43.75 0.95 0.81 0.78	A 243	0.16												
08329-0933	1	FCA	A 41937 B 41937	10.673 0.011 10.906 0.013	11.978 0.139 11.984 0.154	10.532 0.060 10.661 0.067		128.231 653 70 128.231 634 28	-9.548 417 19 -9.549 396 70	17.55 17.55	-125.54 -151.92 -125.54 -151.92	4.05 3.41 3.91 4.66 4.70 6.26 5.97 3.91 4.66 4.70	A 181.1	3.53												
08331+5521	1	ICB	A 41953 B 41955	7.825 0.009 9.776 0.039	8.903 0.013 10.480 0.039	7.753 0.009 9.576 0.027		128.272 304 99 128.283 106 62	+55.354 906 84 +55.357 683 25	7.52 14.53	-23.51 -60.99 13.69 -64.95	1.71 1.49 1.75 1.71 1.35 15.50 12.64 12.51 13.14 9.66	A 65.67	24.26	+0.04	+0.03										



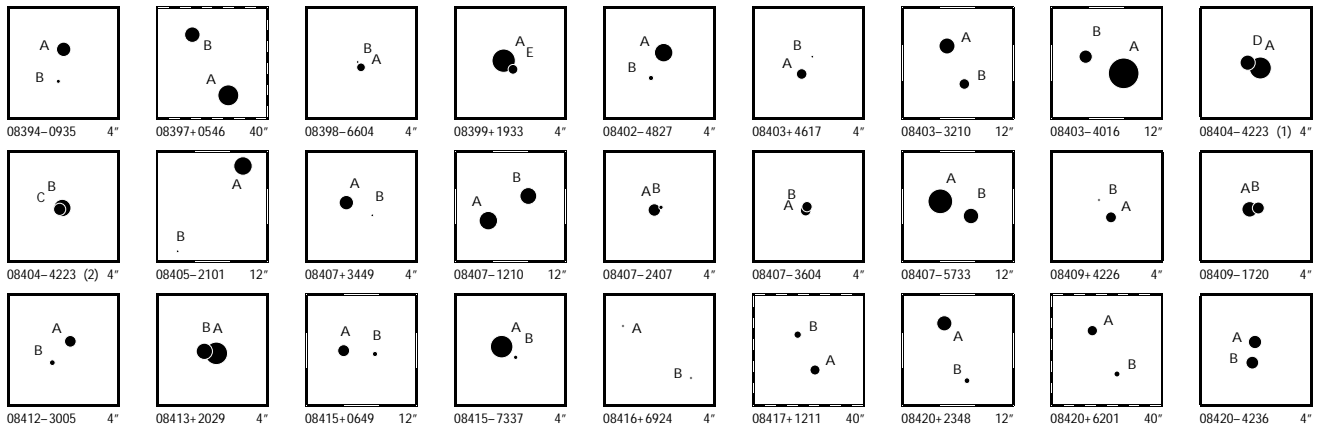
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^* mas	δ mas	π mas	μ_{α^*} mas/yr	μ_{δ} mas/yr	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr					
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
08331-2436	1	L CA	A 41949 B 41949	6.966 7.086	0.004 0.004			128.270 190 48 128.270 101 81	-24.606 892 25 -24.606 762 65	12.78 12.78	2.48 -12.82	-28.03 -35.07	1.14 1.89	1.24 1.81	1.29 1.29	0.94 1.12	0.99 1.16	A	328.1	0.549	-1.7	+0.002						
08334+2023	1	F CA	A 41978 B 41978	9.178 9.770	0.151 0.260			128.346 057 33 128.346 047 80	+20.390 130 58 +20.390 092 04	-0.34 -0.34	-2.08 -2.08	-12.68 -12.68	5.89 10.30	10.34 16.11	1.29 1.29	1.44 1.44	0.89 0.89	A	193	0.14								
08334-6701	1	F CA	A 41982 B 41982	9.022 11.736	0.007 0.079	10.627	0.036	9.032	0.017	128.353 850 54 128.359 330 50	-67.024 019 47 -67.025 808 09	1.13 1.13	-6.73 -6.73	3.80 3.80	1.21 21.03	1.08 18.23	1.13 1.13	1.35 1.35	1.11 1.11	A	129.9	10.04						
08335+7728	1	F CA	A 41988 B 41988	9.060 12.083	0.005 0.077			128.377 446 10 128.376 647 78	+77.459 534 77 +77.459 693 77	3.30 3.30	-13.64 -13.64	-23.64 -23.64	1.05 19.01	0.99 21.06	1.24 1.24	1.04 1.04	0.98 0.98	A	313	0.85								
08335-0714	1	F CA	A 41989 B 41989	8.808 11.677	0.007 0.093			128.381 055 98 128.381 109 46	-7.233 348 04 -7.233 243 25	3.41 3.41	-12.15 -12.15	-6.74 -6.74	1.74 22.20	1.47 18.48	1.55 1.55	1.91 1.91	1.27 1.27	A	27	0.42								
08339+0135	1	F CA	A 42017 B 42017	7.871 9.432	0.004 0.017	7.866	0.012	7.780	0.013	128.474 171 97 128.473 786 82	+1.585 461 47 +1.585 168 93	3.36 3.36	-1.97 -1.97	1.00 1.00	1.27 5.74	0.97 4.37	1.41 1.41	1.57 1.57	1.12 1.12	A	232.8	1.741						
08339-0602	1	F ND	A 42018 B 42018	8.822 12.550	0.010 0.291	8.945	0.016	8.797	0.019	128.478 702 64 128.482 625 80	-6.027 969 53 -6.027 170 21	2.95 2.95	-12.95 -12.95	-1.73 -1.73	1.43 79.07	1.22 66.45	1.71 1.71	1.63 1.63	1.44 1.44	A	85.6	14.09						
08340-2004	1	F CA	A 42022 B 42022	9.267 10.434	0.058 0.169			128.491 327 21 128.491 259 00	-20.066 717 25 -20.066 693 40	3.15 3.15	0.37 0.37	-6.71 -6.71	7.70 15.52	3.35 8.44	1.24 1.24	1.31 1.31	0.90 0.90	A	290	0.25								
08342+5655	1	F CA	A 42046 B 42046	8.390 10.141	0.006 0.029	8.381	0.010	8.271	0.011	128.551 451 87 128.552 198 78	+56.923 156 61 +56.923 170 89	3.56 3.56	-14.14 -14.14	-28.86 -28.86	1.21 9.13	1.16 6.78	1.49 1.49	1.34 1.34	1.15 1.15	A	88.0	1.47						
08342-0957	1	L CA	A 42037 B 42037	7.998 9.288	0.037 0.122			128.538 977 71 128.538 951 96	-9.952 713 14 -9.952 765 52	11.22 11.22	-20.56 -11.84	-3.32 4.51	2.68 9.02	3.61 11.13	1.11 1.11	1.82 5.09	1.69 4.90	A	206	0.210	-1	-0.011						
08342-3944	1	F CA	A 42040 B 42040	7.212 10.759	0.004 0.113			128.545 720 03 128.545 673 23	-39.729 168 04 -39.729 062 89	7.25 7.25	1.06 1.06	30.25 30.25	1.14 37.53	1.08 26.55	0.88 0.88	0.67 0.67	0.85 0.85	A	341	0.40								
08345+6711	1	L CA	A 42068 B 42068	9.174 9.360	0.055 0.065			128.615 049 77 128.615 167 16	+67.188 981 42 +67.188 957 91	2.70 2.70	-2.16 9.71	5.89 -4.47	6.12 5.70	6.37 5.23	1.49 1.49	1.84 2.09	2.60 2.83	A	117	0.184	+1	+0.015						
08345-3236	1	L CA	A 42075 S 42075	7.129 7.508	0.057 0.080			128.633 121 52 128.633 147 25	-32.598 379 06 -32.598 420 29	15.93 15.93	0.19 -26.23	-144.31 -141.17	2.99 3.65	4.60 5.39	0.65 0.65	1.77 2.47	1.47 2.03	A	152	0.168	+7	-0.015						
08345-3737	1	F CA	A 42070 B 42070	6.474 8.901	0.003 0.027	8.426	0.014	6.532	0.006	128.621 928 54 128.622 377 75	-37.611 195 48 -37.610 791 49	3.30 3.30	-11.49 -11.49	10.84 10.84	0.59 6.06	0.71 7.04	0.78 0.78	0.61 0.61	0.67 0.67	A	41.4	1.94						
08347+5009	1	F CA	A 42087 B 42087	10.279 12.123	0.010 0.052			128.680 977 88 128.680 821 47	+50.142 093 40 +50.141 971 69	1.21 1.21	-4.74 -4.74	-14.19 -14.19	2.66 17.73	1.95 14.09	2.56 2.56	3.89 3.89	2.50 2.50	A	219	0.57								
08347+6311	1	F CC	A 42091 B 42091	10.015 12.313	0.056 0.465			128.683 069 62 128.683 217 17	+63.179 374 49 +63.179 404 64	10.14 10.14	-173.61 -173.61	-14.42 -14.42	6.71 63.11	5.22 48.49	1.98 1.98	1.58 1.58	1.46 1.46	A	66	0.26								
08349-2128	1	F ND	A 42099 B 42099	7.859 11.240	0.018 0.397			128.719 266 60 128.719 210 02	-21.459 052 68 -21.459 084 33	2.32 2.32	-7.58 -7.58	6.50 6.50	1.41 53.62	1.20 48.79	1.27 1.27	0.88 0.88	0.85 0.85	A	239	0.22								
08351-4514	1	F CA	A 42116 B 42116	9.394 9.947	0.009 0.015	9.143	0.017	9.112	0.022	128.780 911 62 128.780 912 46	-45.228 963 61 -45.229 326 18	1.78 1.78	-5.45 -5.45	7.07 7.07	1.74 3.61	1.67 5.70	1.78 1.78	1.93 1.93	1.39 1.39	A	179.9	1.31						
08352+5212	1	F CB	A 42125 B 42125	7.747 11.241	0.044 0.091	8.860	0.016	7.659	0.010	128.806 401 28 128.805 970 78	+52.200 310 10 +52.200 437 13	4.31 4.31	-11.53 -11.53	-17.72 -17.72	4.37 36.76	2.79 29.19	3.47 3.47	4.75 4.75	2.98 2.98	A	296	1.05						
08353-5801	1	F CA	A 42134 B 42134	5.080 8.024	0.005 0.082			128.831 872 18 128.831 799 50	-58.009 290 27 -58.009 361 44	14.21 14.21	53.80 53.80	27.30 27.30	0.84 13.69	0.90 11.43	0.45 0.45	0.45 0.45	0.45 0.45	A	208	0.29								
08353-5813	1	F CA	A 42129 B 42129	5.247 8.896	0.002 0.051			128.814 915 78 128.814 610 79	-58.224 762 98 -58.224 691 38	3.39 3.39	-21.11 -21.11	11.56 11.56	0.45 10.57	0.46 12.12	0.45 0.45	0.46 0.46	0.45 0.45	A	294	0.63								
08355-2506	1	L CA	A 42144 B 42144	8.324 8.524	0.004 0.005	9.304	0.018	8.196	0.010	128.863 406 84 128.862 819 80	-25.108 223 31 -25.108 167 20	2.47 2.47	-23.73 -26.39	10.44 6.33	1.40 2.08	1.16 2.07	1.46 1.46	1.35 1.85	1.02 1.89	A	276.0	1.924	-0.1	+0.002				
08356-4833	1	I CA	A 42154 B 42156	8.181 10.664	0.007 0.058	8.134	0.008	8.182	0.011	128.902 392 11 128.904 617 48	-48.548 316 71 -48.552 188 96	2.56 17.58	-7.97 -25.33	8.81 6.01	1.31 19.00	1.22 17.48	1.12 8.37	1.32 14.94	1.23 11.68	A	159.2	14.91	+0.1	0.00				
08358+0637	1	I CA	A 42172 B 42173	6.027 7.366	0.005 0.016	6.528	0.006	5.966	0.007	128.962 724 02 128.963 926 86	+6.620 538 14 +6.623 099 80	37.68 42.71	-134.77 -120.67	-131.00 -133.34	1.58 7.13	1.20 5.14	1.41 4.61	2.05 6.57	1.42 4.36	A	25.01	10.18	+0.08	0.00				
08358-4345	1	F CA	A 42169 B 42169	8.444 9.585	0.061 0.173			128.950 902 23 128.950 969 73	-43.755 494 29 -43.755 518 35	5.00 5.00	-42.35 -42.35	33.88 33.88	5.89 12.50	3.37 8.45	0.74 0.74	0.73 0.73	0.55 0.55	A	116	0.20								
08360-4424	1	F CB	A 42183 B 42183	8.961 12.213	0.027 0.547			129.009 327 05 129.009 346 47	-44.396 255 11 -44.396 392 31	0.92 0.92	-9.77 -9.77	7.71 7.71	2.34 37.23	5.99 37.47	2.35 2.35	2.32 2.32	2.00 2.00	A	174	0.50								
08364-5302	1	F CC	A 42216 C 42216	8.391 11.543	0.014 0.243	8.402	0.011	8.341	0.013	129.098 447 92 129.105 824 54	-53.036 534 61 -53.035 300 18	4.10 4.10	-23.14 -23.14	22.22 22.22	1.19 55.54	1.13 60.62	1.19 1.19	1.54 1.54	1.24 1.24	A	74.5	16.58						



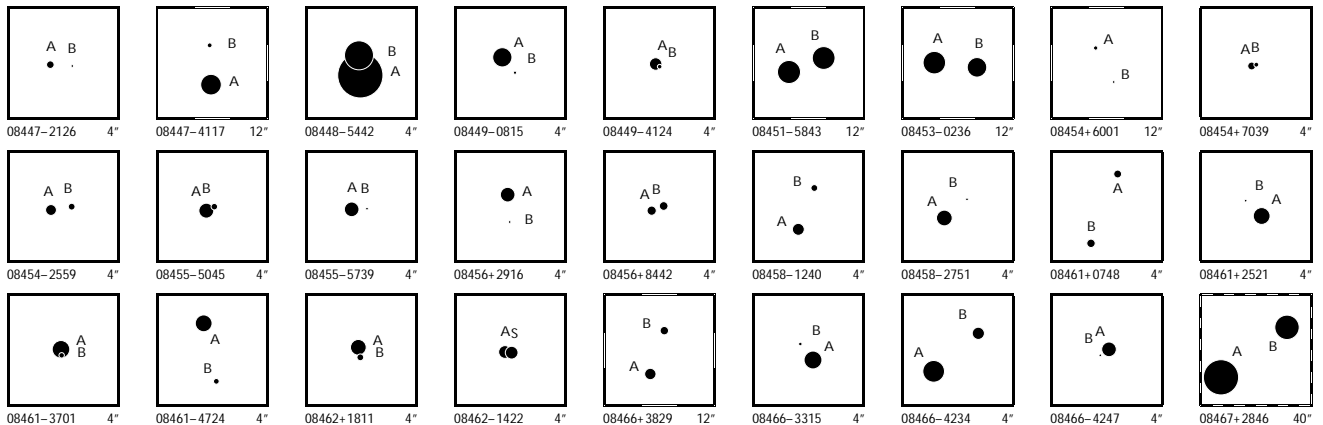
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08367+2210	1	F C B	A 42235 B 42235	8.474 0.008 11.921 0.177	8.916 0.015	8.412 0.015		129.166 620 41 129.168 018 88	+22.172 982 07 +22.173 144 87	6.11 6.11	-12.06 -12.06	-24.26 -24.26	1.76 0.96 1.63 2.18 1.15 46.10 28.77 1.63 2.18 1.15	A 82.8	4.70											
08367-0943	1	F C A	A 42234 B 42234	8.056 0.115 8.897 0.249				129.164 869 47 129.164 856 54	-9.714 235 63 -9.714 198 86	3.22 3.22	-8.21 -8.21	-5.19 -5.19	4.60 7.95 0.95 0.78 0.57 10.85 13.86 0.95 0.78 0.57	A 341	0.14											
08367-4730	1	F C A	A 42240 B 42240	7.825 0.005 8.870 0.013	8.065 0.010 9.155 0.019	7.748 0.010 8.775 0.019		129.170 854 78 129.171 021 25	-47.499 875 11 -47.497 776 88	5.96 5.96	-0.41 -0.41	5.80 5.80	1.06 1.05 1.14 1.24 1.11 3.58 3.49 1.14 1.24 1.11	A 3.07	7.564											
08368+7443	1	F C A	A 42249 B 42249	6.412 0.003 9.938 0.069	6.669 0.004	6.340 0.004		129.203 242 61 129.201 994 77	+74.723 720 03 +74.723 476 31	11.92 11.92	-16.05 -16.05	-17.74 -17.74	0.60 0.58 0.73 0.64 0.64 24.92 19.70 0.73 0.64 0.64	A 233	1.47											
08369+2315	1	F C A	A 42253 B 42253	9.564 0.011 9.699 0.012	10.252 0.056 10.281 0.044	9.352 0.027 9.439 0.031		129.232 711 78 129.232 736 16	+23.246 907 95 +23.247 636 10	24.04 24.04	-106.71 -106.71	-104.47 -104.47	3.50 2.00 2.97 3.60 1.81 6.22 5.50 2.97 3.60 1.81	A 1.8	2.62											
08372-4926	1	F C A	A 42272 B 42272	7.436 0.004 9.904 0.033	7.564 0.007 10.075 0.031	7.396 0.007 9.697 0.033		129.290 291 50 129.287 116 87	-49.425 262 16 -49.427 192 64	4.23 4.23	-10.79 -10.79	9.66 9.66	0.75 0.67 0.73 0.78 0.68 8.55 8.33 0.73 0.78 0.68	A 226.9	10.18											
08373-0628	1	F C A	A 42292 B 42292	8.446 0.005 11.602 0.097	9.387 0.021	8.387 0.015		129.337 575 66 129.337 716 94	-6.472 900 79 -6.472 270 18	4.76 4.76	0.48 0.48	-1.66 -1.66	1.57 1.06 1.71 1.96 1.32 34.38 21.70 1.71 1.96 1.32	A 13	2.33											
08374+5559	1	F C A	A 42297 B 42297	7.878 0.019 9.894 0.124				129.357 708 98 129.357 784 20	+55.985 997 74 +55.985 937 68	2.92 2.92	-23.79 -23.79	-31.09 -31.09	3.35 3.19 1.35 1.16 1.05 17.39 12.89 1.35 1.16 1.05	A 145	0.26											
08377+4148	1	L C A	A 42314 B 42314	9.091 0.009 10.468 0.031	10.396 0.040 11.325 0.081	8.989 0.020 10.322 0.058		129.413 667 18 129.413 665 43	+41.800 881 43 +41.801 952 94	8.30 8.30	-58.70 -49.52	-91.67 -69.41	2.47 1.61 2.30 2.42 1.69 10.43 8.85 2.30 9.22 7.03	A 359.9	3.86	+0.1	+0.02									
08377-2353	1	F C C	A 42317 B 42317	8.663 0.180 10.930 1.449				129.418 861 64 129.418 888 85	-23.881 464 37 -23.881 430 19	2.05 2.05	-7.81 -7.81	4.16 4.16	10.24 10.58 1.09 0.86 0.79 47.64 83.65 1.09 0.86 0.79	A 36	0.15											
08378-6940	1	F C A	A 42329 B 42329	8.587 0.032 9.769 0.094				129.454 404 22 129.454 474 95	-69.664 230 07 -69.664 175 39	3.09 3.09	-7.57 -7.57	11.87 11.87	2.10 3.30 0.78 0.86 0.65 6.62 8.24 0.78 0.86 0.65	A 24	0.22											
08380-0844	1	F C A	A 42345 B 42345	8.453 0.019 9.644 0.058				129.496 192 56 129.496 116 31	-8.735 115 94 -8.735 131 62	19.58 19.58	62.55 62.55	52.06 52.06	3.69 2.91 1.30 1.37 0.95 10.52 9.97 1.30 1.37 0.95	A 258	0.28											
08383-2231	1	F C A	A 42362 B 42362	10.373 0.017 12.250 0.092	10.691 0.053	10.167 0.049		129.563 505 71 129.566 348 73	-22.522 769 83 -22.523 206 48	0.70 0.70	5.61 5.61	-9.82 -9.82	2.81 3.07 3.86 2.97 3.16 28.68 26.84 3.86 2.97 3.16	A 99.4	9.58											
08384+1256	1	F C B	A 42373 B 42373	8.779 0.013 11.984 0.245				129.596 051 24 129.596 007 63	+12.933 643 79 +12.933 519 11	2.71 2.71	-2.24 -2.24	-1.29 -1.29	2.40 2.83 2.02 2.66 1.56 33.25 22.20 2.02 2.66 1.56	A 199	0.47											
08384-4647	1	I C A	A 42379 B 42376	7.841 0.010 9.231 0.036	7.726 0.007 9.692 0.038	7.781 0.009 9.635 0.051		129.610 541 96 129.605 238 53	-46.776 427 91 -46.777 405 51	1.35 7.10	-9.17 -16.72	4.66 18.18	1.60 1.56 1.45 1.94 1.61 10.39 10.38 4.54 9.24 7.65	A 254.93	13.54	+0.06	0.00									
08386-3505	1	F C A	A 42387 B 42387	9.239 0.010 11.568 0.086	11.316 0.080	9.320 0.023		129.650 740 39 129.649 034 85	-35.080 991 54 -35.082 306 62	1.81 1.81	-0.25 -0.25	3.73 3.73	1.60 1.77 2.31 1.61 1.75 17.71 20.27 2.31 1.61 1.75	A 226.7	6.90											
08386-4647	1	F C A	A 42390 B 42390	8.405 0.005 10.227 0.027				129.659 367 35 129.659 728 31	-46.781 830 26 -46.781 878 32	1.27 1.27	-10.86 -10.86	10.98 10.98	1.01 0.96 1.07 1.16 0.93 6.48 6.24 1.07 1.16 0.93	A 101.0	0.91											
08387-1944	1	F C A	A 42394 B 42394	6.466 0.004 9.399 0.055	8.494 0.009 10.387 0.057	6.577 0.004 9.218 0.035		129.667 861 25 129.669 148 95	-19.736 909 27 -19.737 182 83	3.60 3.60	9.68 9.68	2.22 2.22	0.87 0.72 1.05 0.82 0.71 12.24 13.43 1.05 0.82 0.71	A 102.7	4.47											
08388-3352	1	F C A	A 42406 B 42406	8.212 0.005 8.855 0.009				129.698 586 11 129.698 542 67	-33.870 976 71 -33.870 832 15	5.60 5.60	-20.78 -20.78	-10.58 -10.58	0.98 1.45 1.31 0.88 1.23 2.90 3.02 1.31 0.88 1.23	A 346.0	0.536											
08388-7221	1	F N C	A 42407 B 42407	8.865 0.026 12.306 0.588	9.318 0.020	8.908 0.020		129.699 262 69 129.690 806 76	-72.346 068 39 -72.344 590 49	4.47 4.47	4.29 4.29	25.36 25.36	2.05 2.02 1.99 2.29 2.02 79.82 79.85 1.99 2.29 2.02	A 300.0	10.66											
08391-2240	1	L C A	A 42430 B 42430	5.438 0.003 6.898 0.010	5.998 0.010	5.172 0.011		129.783 624 46 129.783 776 00	-22.662 905 80 -22.662 644 51	50.20 50.20	-268.26 -226.60	424.08 470.67	0.80 0.80 0.98 0.86 0.64 3.36 3.83 0.98 2.70 2.43	A 28.2	1.067	+0.8	+0.061									
08391-3243	1	F C A	A 42431 B 42431	10.061 0.008 10.116 0.008				129.784 197 99 129.783 991 12	-32.718 170 61 -32.717 970 08	4.68 4.68	-36.94 -36.94	34.17 34.17	2.25 2.78 3.39 2.29 2.63 3.79 4.57 3.39 2.29 2.63	A 319.0	0.956											
08391-5557	1	F C A	A 42424 B 42424	7.804 0.003 9.024 0.010				129.766 970 13 129.767 166 55	-55.942 447 05 -55.942 244 49	5.96 5.96	-17.61 -17.61	7.90 7.90	0.85 0.92 0.88 0.88 0.93 3.45 3.18 0.88 0.88 0.93	A 28.5	0.830											
08392+0734	1	F C A	A 42439 B 42439	8.535 0.350 9.225 0.661				129.805 180 76 129.805 182 43	+7.573 234 78 +7.573 263 79	1.68 1.68	-10.01 -10.01	-3.55 -3.55	4.44 20.43 1.14 1.25 0.85 9.13 25.67 1.14 1.25 0.85	A 3	0.10											
08392-1602	1	F C A	A 42435 B 42435	8.090 0.007 9.165 0.018				129.794 440 63 129.794 341 92	-16.032 662 11 -16.032 595 65	2.90 2.90	-3.81 -3.81	-0.45 -0.45	1.53 1.29 1.38 1.33 1.01 4.55 3.73 1.38 1.33 1.01	A 305	0.417											
08392-4025	1	F C A	A 42433 B 42433	7.599 0.005 8.794 0.014				129.789 737 58 129.789 506 73	-40.419 248 45 -40.419 296 19	2.00 2.00	-3.38 -3.38	3.70 3.70	0.96 1.01 1.18 0.93 0.91 3.34 4.05 1.18 0.93 0.91	A 254.8	0.656											
08392-6019	1	L C A	A 42440 B 42440	6.771 0.004 7.577 0.007	6.444 0.015	6.476 0.016		129.805 183 00 129.804 928 01	-60.317 337 17 -60.317 636 28	7.46 7.46	-41.25 -34.04	19.94 20.61	0.77 0.67 0.64 0.69 0.55 2.00 2.30 0.64 1.47 1.45	A 202.9	1.169	-0.3	-0.003									



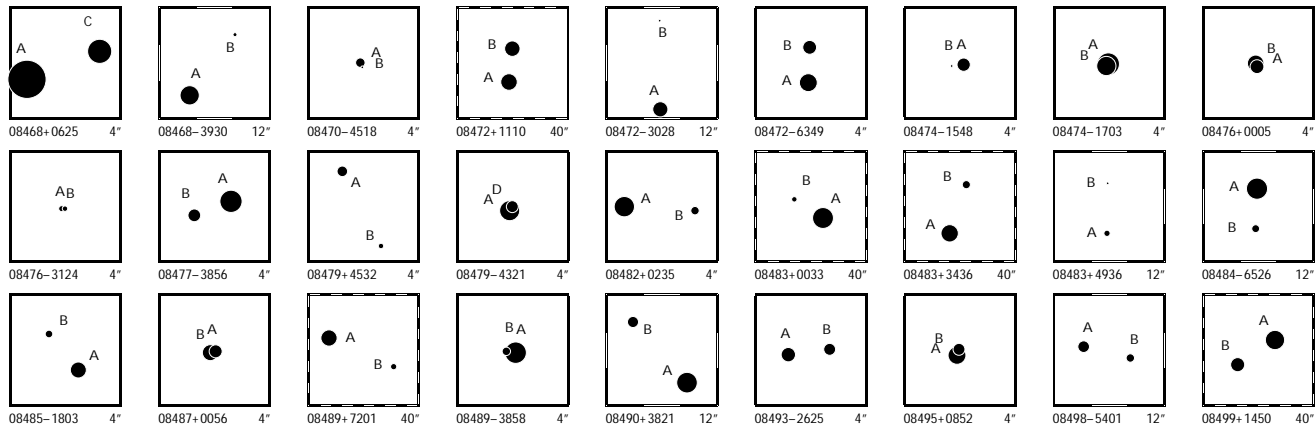
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α} mas/yr	μ_{δ} mas/yr	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt						
1	2	3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
08394-0935	1	F CA	A 42457 B 42457	8.843 0.008 11.092 0.061	8.899 0.013	8.723 0.016		129.847 788 02 129.847 835 53	-9.577 686 23 -9.578 012 54	4.86 4.86	-20.55 -20.55	1.76 1.76	1.68 1.29 1.76 1.73 1.22 15.71 18.83 1.76 1.73 1.22	A 172	1.19														
08397+0546	1	I ND D	A 42488 B 42491	7.377 0.008 8.574 0.019	7.955 0.009	7.312 0.009	9.420 0.027	129.932 068 75 129.935 755 04	+5.764 999 58 +5.771 266 62	27.99 26.98	183.27 167.70	-293.73 -300.58	2.12 1.37 1.88 2.22 1.51 8.98 5.63 6.16 6.62 4.99	A 30.34	26.141	-0.02	-0.014												
08398-6604	1	F CB	A 42496 B 42496	10.071 0.089 11.833 0.451				129.961 868 52 129.961 958 76	-66.071 321 38 -66.071 270 61	15.99 15.99	91.96 91.96	-37.52 -37.52	5.74 7.80 1.37 1.49 1.44 37.59 44.38 1.37 1.49 1.44	A 36	0.23														
08399+1933	1	F CB	A 42497 E 42497	6.820 0.009 9.865 0.143				129.961 401 84 129.961 298 21	+19.540 844 79 +19.540 749 17	4.50 4.50	-33.71 -33.71	-11.06 -11.06	1.98 1.28 1.72 1.74 1.26 32.73 29.31 1.72 1.74 1.26	A 226	0.49														
08402-4827	1	F CA	A 42526 B 42526	7.891 0.006 10.851 0.085	9.551 0.019	7.871 0.009		130.052 127 64 130.052 319 49	-48.446 161 66 -48.446 425 91	4.20 4.20	-8.77 -8.77	6.05 6.05	0.89 0.87 0.93 1.07 1.02 16.54 12.87 0.93 1.07 1.02	A 154	1.06														
08403+4617	1	F CA	A 42534 B 42534	9.680 0.008 11.659 0.050				130.072 460 34 130.072 299 25	+46.279 929 39 +46.280 107 23	4.87 4.87	-17.62 -17.62	-6.97 -6.97	2.35 1.75 2.29 2.89 2.06 24.18 13.08 2.29 2.89 2.06	A 328	0.76														
08403-3210	1	F CA	A 42533 B 42533	8.430 0.006 9.663 0.016	8.363 0.010	8.371 0.012	9.588 0.026	130.073 374 44 130.072 784 84	-32.165 313 42 -32.166 484 24	2.08 2.08	-9.79 -9.79	3.22 3.22	1.05 1.30 1.66 1.27 1.25 4.70 5.78 1.66 1.27 1.25	A 203.1	4.58														
08403-4016	1	F CA	A 42540 B 42540	5.218 0.003 9.058 0.091	5.186 0.002	5.203 0.004		130.080 071 39 130.081 565 69	-40.263 893 30 -40.263 402 37	11.63 11.63	-55.93 -55.93	7.66 7.66	0.47 0.49 0.57 0.45 0.45 13.87 17.51 0.57 0.45 0.45	A 66.7	4.47														
08404-4223	1 2	L CA F CA	A 42544 D 42544 B 42543 C 42543	7.154 0.004 8.625 0.013 8.180 0.126 9.325 0.363				130.088 048 93 130.088 218 87 130.087 750 95 130.087 791 14	-42.389 280 47 -42.389 223 45 -42.353 188 74 -42.353 215 12	9.56 9.56 3.10 3.10	-34.17 -26.92 -1.03 -1.03	33.84 21.64 5.23 5.23	0.97 0.98 0.85 0.80 0.83 3.93 5.21 0.85 2.24 2.79 6.49 5.92 0.73 0.74 0.73 18.47 17.94 0.73 0.74 0.73	A 65.6	0.496	+1.6	+0.002												
08405-2101	1	F CB	A 42558 B 42558	7.895 0.006 11.415 0.156	9.554 0.015	7.866 0.008	11.631 0.137	130.119 718 50 130.121 877 82	-21.013 102 53 -21.015 702 96	2.28 2.28	-6.55 -6.55	2.70 2.70	1.12 0.96 1.33 1.07 0.90 36.61 35.98 1.33 1.07 0.90	A 142.2	11.84														
08407+3449	1	F CB	A 42583 B 42583	8.837 0.009 12.016 0.169	9.799 0.016	8.737 0.011		130.184 319 91 130.183 990 78	+34.820 571 99 +34.820 445 22	6.98 6.98	8.87 8.87	-29.31 -29.31	1.79 1.19 2.11 2.01 1.52 45.07 26.93 2.11 2.01 1.52	A 245	1.07														
08407-1210	1	F CA	A 42574 B 42574	7.927 0.004 8.253 0.006	8.037 0.018	7.829 0.016	8.452 0.034	130.172 568 62 130.171 307 99	-12.169 089 25 -12.168 330 72	4.09 4.09	-34.45 -34.45	10.76 10.76	1.46 1.07 1.52 1.80 1.03 2.99 2.00 1.52 1.80 1.03	A 301.61	5.209														
08407-2407	1	F CA	A 42582 B 42582	9.232 0.030 11.026 0.157				130.182 862 89 130.182 781 44	-24.115 085 95 -24.115 060 83	2.29 2.29	-6.44 -6.44	17.12 17.12	5.19 3.16 1.59 1.14 1.08 16.42 15.11 1.59 1.14 1.08	A 289	0.28														
08407-3604	1	F CA	A 42572 B 42572	9.632 0.255 9.714 0.276				130.165 618 97 130.165 597 15	-36.068 468 63 -36.068 427 68	1.39 1.39	-8.31 -8.31	8.85 8.85	12.71 20.34 0.97 0.69 0.86 11.16 18.00 0.97 0.69 0.86	A 337	0.16														
08407-5733	1	F CA	A 42579 B 42579	6.561 0.003 8.581 0.019	6.674 0.005	6.509 0.007	9.044 0.038	130.181 464 68 130.179 688 87	-57.545 532 17 -57.545 994 26	14.38 14.38	-22.87 -22.87	17.52 17.52	0.62 0.58 0.61 0.58 0.58 5.91 4.45 0.61 0.58 0.58	A 244.1	3.81														
08409+4226	1	F CA	A 42596 B 42596	9.581 0.007 12.176 0.072				130.224 987 44 130.225 150 62	+42.428 352 35 +42.428 527 95	1.94 1.94	-7.14 -7.14	0.31 0.31	2.15 1.34 2.16 2.48 1.58 31.97 17.83 2.16 2.48 1.58	A 34	0.77														
08409-1720	1	F CA	A 42597 B 42597	8.551 0.034 9.381 0.073				130.225 716 54 130.225 627 25	-17.339 324 51 -17.339 309 55	3.73 3.73	-11.15 -11.15	7.98 7.98	5.12 2.06 1.43 1.42 0.84 8.77 4.98 1.43 1.42 0.84	A 280	0.31														
08412-3005	1	F CA	A 42626 B 42626	9.431 0.006 10.729 0.019				130.307 583 14 130.307 786 55	-30.085 438 35 -30.085 651 50	0.80 0.80	-6.24 -6.24	4.67 4.67	1.19 1.52 1.92 1.34 1.61 4.81 6.92 1.92 1.34 1.61	A 140.5	1.00														
08413+2029	1	F CA	A 42628 B 42628	7.035 0.006 8.403 0.019				130.313 790 13 130.313 924 38	+20.476 902 05 +20.476 912 95	6.23 6.23	2.51 2.51	1.32 1.32	1.64 1.07 1.26 1.64 1.01 6.84 5.42 1.26 1.64 1.01	A 85	0.45														
08415+0649	1	F CA	A 42647 B 42647	9.389 0.006 10.857 0.021	9.661 0.019	9.297 0.020		130.364 095 90 130.363 120 97	+6.824 147 08 +6.824 037 03	1.75 1.75	100.85 100.85	-130.21 -130.21	1.86 1.36 2.27 2.21 1.54 9.02 5.87 2.27 2.21 1.54	A 263.5	3.51														
08415-7337	1	F CB	A 42649 B 42649	7.037 0.003 11.038 0.104				130.385 399 01 130.384 910 98	-73.614 615 44 -73.614 721 27	2.52 2.52	-5.47 -5.47	8.04 8.04	0.71 0.73 0.71 0.65 0.77 27.96 37.43 0.71 0.65 0.77	A 232	0.63														
08416+6924	1	F CA	A 42652 B 42652	11.450 0.022 11.705 0.027	11.804 0.095	11.163 0.081		130.394 042 40 130.392 067 93	+69.405 095 67 +69.404 553 23	18.00 18.00	-42.03 -42.03	-60.37 -60.37	6.49 7.77 9.84 5.77 7.50 15.51 17.64 9.84 5.77 7.50	A 232.0	3.17														
08417+1211	1	I CA	A 42660 B 42661	9.786 0.017 10.366 0.023	10.796 0.064	9.706 0.040	10.809 0.063	130.421 915 78 130.423 738 97	+12.175 694 89 +12.179 371 91	6.18 7.84	-5.11 -5.00	6.98 4.66	4.94 3.38 4.35 6.08 4.09 14.26 8.88 6.44 8.64 6.08	A 25.86	14.71	0.00	0.00												
08420+2348	1	F CA	A 42681 B 42681	8.615 0.005 10.757 0.031	9.618 0.020	8.527 0.013	11.116 0.076	130.491 878 28 130.491 101 23	+23.798 861 30 +23.797 085 89	3.50 3.50	-10.00 -10.00	9.27 9.27	1.59 0.97 1.54 1.88 1.26 12.31 7.96 1.54 1.88 1.26	A 201.8	6.88														
08420+6201	1	I CA	A 42683 B 42683	9.717 0.019 10.678 0.038	10.098 0.022	9.608 0.022	10.976 0.042	130.496 268 26 130.490 918 97	+62.023 429 66 +62.018 992 07	11.92 12.26	-29.72 -44.47	-0.44 -3.41	3.12 2.65 3.38 3.09 2.89 14.87 14.06 7.96 10.59 10.22	A 209.49	18.35	+0.04	+0.01												
08420-4236	1	F CA	A 42685 B 42685	9.089 0.006 9.183 0.007				130.500 429 79 130.500 476 35	-42.597 697 23 -42.597 911 65	3.00 3.00	-13.20 -13.20	10.60 10.60	1.76 2.51 2.22 1.89 3.08 3.33 3.42 2.22 1.89 3.08	A 170.9	0.782														



System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
08447-2126	1	FND	D	A 42910 B 42910	10.308 13.833	0.011 0.264					131.170 822 08 131.170 586 51	-21.430 002 97 -21.430 019 99	27.28 27.28	-4.92 -4.92	-20.71 -20.71	1.98 87.30	1.56 77.36	2.40 2.40	1.82 1.82	1.49 1.49	A 266	0.79				
08447-4117	1	FCB		A 42908 B 42908	7.461 10.943	0.005 0.118	7.703	0.007	7.427	0.007	131.168 038 85 131.168 096 25	-41.277 225 59 -41.276 011 39	-0.49 -0.49	-6.85 -6.85	3.22 3.22	0.78 26.97	0.85 25.68	0.95 0.95	0.82 0.82	0.87 0.87	A 2.0	4.37				
08448-5442	1	LCA		A 42913 B 42913	1.991 5.570	0.002 0.065					131.175 822 14 131.175 851 53	-54.708 567 97 -54.708 364 25	40.90 40.90	28.78 -1.62	-104.14 -56.06	0.40 16.40	0.42 14.34	0.38 0.38	0.43 10.61	0.42 8.45	A 5	0.74	-3	+0.05		
08449-0815	1	FCA		A 42924 B 42924	7.749 11.307	0.003 0.075					131.218 271 37 131.218 139 44	-8.256 571 93 -8.256 734 47	14.69 14.69	161.38 161.38	-110.28 -110.28	1.08 25.34	0.72 20.58	1.22 1.22	1.07 1.07	0.70 0.70	A 219	0.75				
08449-4124	1	FCB		A 42925 B 42925	9.259 10.969	0.124 0.599					131.218 929 02 131.218 874 03	-41.407 931 04 -41.407 961 37	9.70 9.70	14.11 14.11	-4.63 -4.63	10.35 37.32	7.31 32.39	0.93 0.93	0.79 0.79	0.82 0.82	A 234	0.18				
08451-5843	1	FCA		A 42936 B 42936	6.884 6.977	0.005 0.006	6.751	0.006	6.834	0.006	131.273 126 09 131.271 069 57	-58.724 320 20 -58.723 885 65	3.27 3.27	-5.27 -5.27	0.51 0.51	1.06 1.97	0.82 1.77	0.85 0.85	1.07 1.07	0.76 0.76	A 292.15	4.150				
08453-0236	1	FCA		A 42951 B 42951	7.015 7.683	0.009 0.014	8.061	0.013	7.527	0.017	131.336 521 37 131.335 228 01	-2.601 029 81 -2.601 171 14	11.50 11.50	3.77 3.77	-13.23 -13.23	2.59 5.91	1.93 4.74	2.71 2.71	3.53 3.53	2.51 2.51	A 263.8	4.68				
08454+6001	1	FCA		A 42958 B 42958	11.023 12.598	0.014 0.059					131.349 720 35 131.348 636 09	+60.016 616 72 +60.015 582 10	6.80 6.80	-126.24 -126.24	10.53 10.53	2.25 13.66	2.62 16.73	3.50 3.50	3.00 3.00	2.73 2.73	A 207.6	4.20				
08454+7039	1	FCB		A 42963 B 42963	10.276 10.936	0.194 0.356					131.360 543 03 131.360 393 93	+70.649 722 97 +70.649 735 73	-3.37 -3.37	-1.56 -1.56	-3.37 -3.37	28.29 23.29	17.22 23.14	2.37 2.37	1.58 1.58	2.00 2.00	A 284	0.18				
08454-2559	1	FCA		A 42955 B 42955	9.576 10.500	0.009 0.021					131.340 577 47 131.340 351 67	-25.976 025 96 -25.975 990 36	-1.18 -1.18	-5.85 -5.85	2.40 2.40	2.21 5.08	1.91 5.84	2.81 2.81	2.56 2.56	1.72 1.72	A 279.9	0.742				
08455-5045	1	FCA		A 42972 B 42972	8.699 10.571	0.012 0.064					131.375 391 18 131.375 248 37	-50.752 561 52 -50.752 517 06	-0.58 -0.58	-2.72 -2.72	1.96 1.96	2.08 9.99	1.59 8.62	1.26 1.26	1.34 1.34	1.42 1.42	A 296	0.36				
08455-5739	1	FCA		A 42969 B 42969	8.767 11.661	0.006 0.079					131.370 402 85 131.370 119 52	-57.648 051 35 -57.648 046 04	0.53 0.53	1.72 1.72	0.19 0.19	1.51 23.21	1.29 27.58	1.24 1.24	1.30 1.30	1.11 1.11	A 272	0.55				
08456+2916	1	FCA		A 42978 B 42978	8.747 11.772	0.008 0.129					131.388 155 00 131.388 126 55	+29.268 032 45 +29.267 753 12	8.62 8.62	-4.69 -4.69	-0.43 -0.43	1.87 32.02	1.15 22.68	1.84 1.84	2.01 2.01	1.43 1.43	A 185	1.01				
08456+8442	1	FCA		A 42982 B 42982	9.941 10.082	0.009 0.010					131.397 246 15 131.395 856 65	+84.693 742 34 +84.693 794 80	23.10 23.10	-79.53 -79.53	-192.61 -192.61	2.41 3.50	1.92 3.41	2.05 2.05	2.18 2.18	1.68 1.68	A 292	0.500				
08458-1240	1	FCA		A 42992 B 42992	9.356 10.489	0.006 0.017	9.696	0.023	9.207	0.023	131.443 513 20 131.443 352 09	-12.663 725 31 -12.663 310 49	7.16 7.16	-33.77 -33.77	-9.62 -9.62	1.79 7.90	1.36 5.12	1.97 1.97	1.98 1.98	1.35 1.35	A 339.2	1.60				
08458-2751	1	FND	D	A 43003 B 43003	8.507 12.483	0.005 0.205	8.676	0.009	8.450	0.010	131.457 283 58 131.457 025 77	-27.856 582 24 -27.856 397 16	5.47 5.47	-13.99 -13.99	5.71 5.71	0.85 48.84	0.92 52.75	1.31 1.31	0.90 0.90	0.95 0.95	A 309	1.06				
08461+0748	1	FCA		A 43036 B 43036	10.120 10.230	0.008 0.008	10.253	0.040	9.583	0.029	131.533 362 88 131.533 086 38	+7.805 182 81 +7.805 895 60	16.48 16.48	-98.88 -98.88	54.39 54.39	4.37 4.73	2.73 3.09	4.46 4.46	4.35 4.35	3.23 3.23	B 339.0	2.75				
08461+2521	1	FCA		A 43028 B 43028	8.255 11.517	0.004 0.071					131.515 962 47 131.516 141 71	+25.353 138 59 +25.353 294 71	5.02 5.02	-14.05 -14.05	-22.87 -22.87	1.44 37.93	0.81 13.46	1.38 1.38	1.51 1.51	1.12 1.12	A 46	0.81				
08461-3701	1	FCA		A 43031 B 43031	8.123 10.784	0.026 0.304					131.521 074 93 131.521 056 44	-37.014 937 04 -37.015 008 73	1.52 1.52	-7.25 -7.25	9.16 9.16	1.69 18.91	4.67 26.76	0.98 0.98	0.67 0.67	0.75 0.75	A 192	0.26				
08461-4724	1	FCA		A 43037 B 43037	8.308 10.731	0.005 0.047	8.674	0.010	8.240	0.010	131.536 872 24 131.536 677 89	-47.395 367 08 -47.395 963 52	11.20 11.20	-62.81 -62.81	16.14 16.14	0.91 10.72	0.97 10.21	1.04 1.04	0.98 0.98	0.94 0.94	A 192.4	2.20				
08462+1811	1	FCA		A 43044 B 43044	8.490 10.499	0.009 0.055					131.548 965 14 131.548 943 13	+18.179 749 58 +18.179 655 08	6.26 6.26	-37.08 -37.08	-7.68 -7.68	2.27 13.14	1.86 1.86	1.58 1.58	1.89 1.89	1.17 1.17	A 192	0.35				
08462-1422	1	LCA		A 43038 S 43038	9.193 9.207	0.060 0.061					131.537 674 94 131.537 606 77	-14.367 811 78 -14.367 820 32	10.88 10.88	139.43 130.05	-163.81 -146.84	7.59 8.14	3.66 4.77	1.37 1.37	2.25 2.40	2.81 3.00	A 263	0.240	+4	+0.007		
08466+3829	1	FCA		A 43091 B 43091	9.466 10.132	0.008 0.015	9.866	0.026	9.326	0.024	131.648 400 42 131.647 829 44	+38.485 840 65 +38.487 173 10	5.49 5.49	-48.66 -48.66	-61.03 -61.03	2.53 8.13	1.78 5.97	2.38 2.38	3.20 3.20	2.17 2.17	A 341.5	5.06				
08466-3315	1	FCA		A 43095 B 43095	8.041 11.244	0.004 0.076					131.653 949 91 131.654 110 47	-33.245 359 76 -33.245 195 79	8.06 8.06	-64.94 -64.94	44.25 44.25	0.79 17.55	0.98 25.15	1.24 1.24	0.75 0.75	0.89 0.89	A 39	0.76				
08466-4234	1	FCA		A 43085 B 43085	7.204 9.281	0.003 0.020	7.063	0.007	7.192	0.006	131.637 957 77 131.637 340 22	-42.566 281 09 -42.565 884 46	2.62 2.62	-13.20 -13.20	6.92 6.92	0.73 6.96	0.69 5.84	0.82 0.82	0.79 0.79	0.66 0.66	A 311.1	2.17				
08466-4247	1	FCC		A 43087 B 43087	8.748 11.876	0.020 0.349					131.643 480 65 131.643 595 87	-42.790 631 82 -42.790 685 68	1.73 1.73	-12.50 -12.50	7.60 7.60	3.98 68.65	3.25 65.97	1.73 1.73	1.75 1.75	1.60 1.60	A 122	0.36				
08467+2846	1	INB		A 43103 B 43100	4.199 6.585	0.006 0.038	5.286	0.003	4.132	0.003	131.674 309 55 131.666 651 23	+28.760 005 09 +28.765 165 51	10.94 17.31	-20.69 -24.18	-43.95 -43.99	1.57 16.03	1.16 10.34	1.35 7.80	1.60 13.33	1.31 9.08	A 307.55	30.48	0.00	0.00		

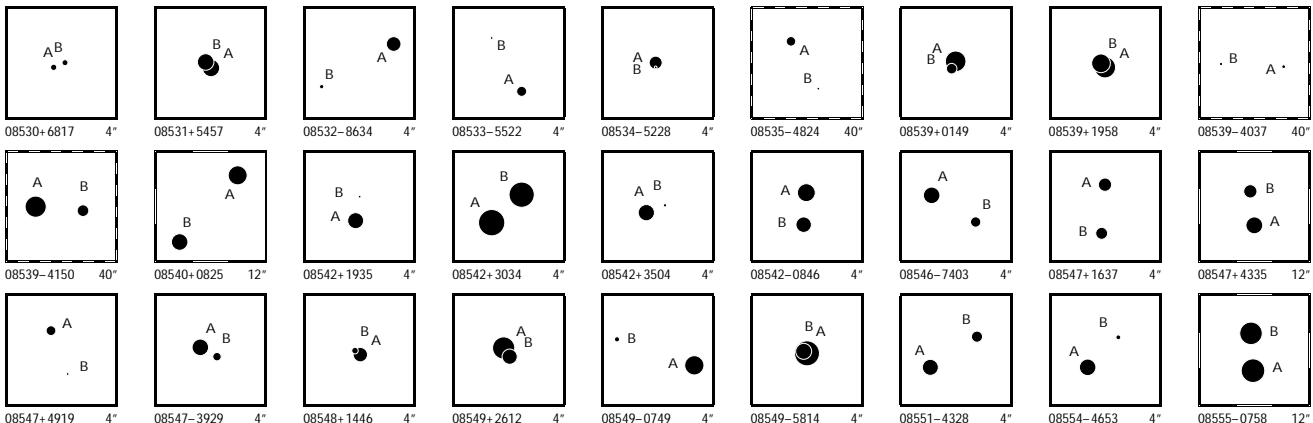


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
08468+0625	1	L C B	W	A 43109 C 43109	3.561 0.005 6.665 0.093	4.248 0.003	3.474 0.003	131.694 359 30 131.693 613 67	+6.418 906 91 +6.419 197 81	24.13 24.13	-231.04 -261.96	-40.17 14.04	1.16 0.79 1.29 1.51 1.03 26.47 18.14 1.29 22.84 14.72	A 291.4 A 323.6	2.87 8.42	+0.8 0.80 0.86 0.80 0.86	+0.05										
08468-3930	1	F C B		A 43115 B 43115	7.721 0.005 11.098 0.115	7.786 0.006 11.334 0.091	6.768 0.007 10.591 0.074	131.706 620 31 131.704 819 48	-39.496 097 80 -39.494 215 19	6.43 6.43	-9.48 -9.48	3.92 3.92	0.74 0.83 0.93 0.80 0.86 19.27 21.97 0.93 0.80 0.86	A 323.6	8.42												
08470-4518	1	F C C		A 43126 B 43126	9.885 0.263 11.452 1.114			131.759 276 88 131.759 254 58	-45.307 588 70 -45.307 629 10	1.21 1.21	-8.38 -8.38	-2.36 -2.36	10.07 18.53 1.11 1.21 0.97 45.27 73.40 1.11 1.21 0.97	A 201	0.16												
08472+1110	1	I N B		A 43138 B 43137	8.322 0.019 8.607 0.024	8.382 0.048 8.690 0.014	8.318 0.061 8.536 0.016	131.795 863 26 131.795 471 18	+11.159 530 47 +11.162 987 13	3.69 1.48	-23.25 -24.43	-5.57 -7.51	11.09 5.35 5.73 7.19 4.99 6.93 4.18 6.06 7.74 5.46	A 353.7	12.52	0.0	0.00										
08472-3028	1	F C B		A 43139 B 43139	8.654 0.008 11.772 0.142	9.702 0.015	8.572 0.010	131.804 509 77 131.804 564 15	-30.475 044 69 -30.472 322 32	1.30 1.30	-7.09 -7.09	-5.33 -5.33	1.08 1.34 1.81 1.26 1.30 25.61 35.76 1.81 1.26 1.30	A 1.0	9.80												
08472-6349	1	F C A		A 43135 B 43135	8.012 0.004 8.943 0.010	7.844 0.019	7.806 0.020	131.792 964 82 131.792 941 28	-63.812 632 42 -63.812 272 54	5.19 5.19	-24.93 -24.93	14.19 14.19	1.15 0.97 0.97 1.08 0.86 2.99 4.10 0.97 1.08 0.86	A 358.3	1.296												
08474-1548	1	F C C		A 43159 B 43159	9.030 0.011 12.591 0.285			131.857 617 93 131.857 744 64	-15.792 625 46 -15.792 644 00	2.40 2.40	-2.26 -2.26	-2.98 -2.98	2.27 1.65 1.74 1.57 1.03 65.75 57.86 1.74 1.57 1.03	A 99	0.44												
08474-1703	1	F C A		A 43152 B 43152	7.102 0.135 7.728 0.240			131.839 480 79 131.839 503 09	-17.052 843 57 -17.052 869 45	4.28 4.28	-12.09 -12.09	-10.38 -10.38	6.22 6.73 0.78 0.97 0.43 10.63 9.44 0.78 0.97 0.43	A 141	0.12												
08476+0005	1	F C A		A 43167 B 43167	8.362 0.090 8.919 0.150			131.895 166 39 131.895 147 27	+0.077 706 66 +0.077 670 51	5.69 5.69	-1.34 -1.34	-2.51 -2.51	3.93 6.24 1.13 1.08 0.78 6.23 8.21 1.13 1.08 0.78	B 208	0.147												
08476-3124	1	F C B		A 43170 B 43170	10.682 0.536 10.778 0.586			131.898 228 05 131.898 180 97	-31.398 053 02 -31.398 058 71	15.17 15.17	-6.43 -6.43	-18.18 -18.18	42.29 13.01 1.65 0.91 1.30 33.35 12.81 1.65 0.91 1.30	A 262	0.15												
08477-3856	1	F C A		A 43179 B 43179	7.105 0.004 9.156 0.027	6.970 0.006	7.020 0.006	131.933 020 08 131.933 497 49	-38.941 496 85 -38.941 639 38	4.54 4.54	-10.37 -10.37	5.43 5.43	0.67 0.74 0.84 0.68 0.80 6.66 4.89 0.84 0.68 0.80	A 111.0	1.43												
08479+4532	1	F C A		A 43189 B 43189	9.685 0.008 10.807 0.021	10.419 0.039 11.490 0.102	9.540 0.030 10.553 0.070	131.980 509 82 131.979 946 58	+45.528 000 24 +45.527 234 32	7.55 7.55	-4.22 -4.22	-202.79 -202.79	2.36 1.66 2.59 2.84 1.84 9.26 5.60 2.59 2.84 1.84	A 207.3	3.10												
08479-4321	1	F C A		A 43187 D 43187	7.584 0.036 9.369 0.185			131.974 720 36 131.974 674 20	-43.354 256 04 -43.354 209 83	4.82 4.82	-34.27 -34.27	31.56 31.56	3.46 3.24 0.79 0.72 0.65 14.98 12.75 0.79 0.72 0.65	A 324	0.21												
08482+0235	1	F C A		A 43214 B 43214	7.502 0.004 10.153 0.044	7.885 0.008 10.011 0.053	7.410 0.007 9.415 0.051	132.051 031 47 132.050 309 37	+2.580 210 20 +2.580 165 24	8.15 8.15	-23.43 -23.43	-37.64 -37.64	1.14 0.74 1.28 1.42 0.88 15.31 7.71 1.28 1.42 0.88	A 266.4	2.60												
08483+0033	1	I N D	D	A 43224 B 43225	7.396 0.007 10.793 0.151	9.186 0.014 11.269 0.087	7.392 0.007 10.467 0.066	132.076 276 02 132.079 202 43	+0.555 046 89 +0.556 973 16	4.61 23.13	-5.53 14.87	-9.31 -89.36	1.95 1.35 1.87 2.16 1.43 59.90 36.13 36.48 39.26 30.55	A 56.6	12.61	+0.4	-0.03										
08483+3436	1	F F D	D	A 43220 B 43219	8.166 0.030 10.228 0.170	8.652 0.013 11.228 0.079	8.065 0.012 10.185 0.049	132.068 480 95 132.066 271 40	+34.599 037 38 +34.604 021 79	14.33 14.33	-16.76 -16.76	-36.86 -36.86	3.00 2.08 2.67 3.28 2.41 53.95 38.39 2.67 3.28 2.41	A 340.0	19.10												
08483+4936	1	F C A		A 43216 B 43216	10.637 0.017 12.334 0.078	11.012 0.060	10.535 0.063	132.062 773 49 132.062 773 04	+49.595 697 00 +49.597 222 00	7.92 7.92	2.83 2.83	-21.65 -21.65	3.89 2.87 3.99 3.81 2.17 27.29 16.30 3.99 3.81 2.17	A 360.0	5.49												
08484-6526	1	F C A		A 43231 B 43231	7.339 0.003 10.264 0.037	8.644 0.011 11.293 0.148	7.277 0.007 10.024 0.076	132.095 159 89 132.095 239 27	-65.430 481 78 -65.431 740 69	5.43 5.43	8.49 8.49	6.55 6.55	0.67 0.63 0.64 0.68 0.61 9.70 8.75 0.64 0.68 0.61	A 178.5	4.53												
08485-1803	1	F C A		A 43239 B 43239	8.460 0.003 10.337 0.018	9.588 0.017 10.294 0.077	8.377 0.008 9.727 0.067	132.124 623 13 132.124 941 17	-18.043 026 82 -18.042 655 17	3.79 3.79	-28.79 -28.79	-15.99 -15.99	1.40 0.91 1.45 1.45 0.91 6.36 5.65 1.45 1.45 0.91	A 39.1	1.725												
08487+0056	1	F C A		A 43252 B 43252	8.476 0.239 9.105 0.426			132.167 938 15 132.167 880 65	+0.941 928 55 +0.941 948 08	12.31 12.31	-46.29 -46.29	-13.29 -13.29	23.89 17.50 2.27 2.31 1.70 35.96 37.13 2.27 2.31 1.70	B 289	0.22												
08489+7201	1	I C B		A 43270 B 43265	8.425 0.005 10.601 0.025	9.671 0.015 11.042 0.048	8.356 0.009 10.460 0.044	132.225 347 28 132.203 964 67	+72.020 514 91 +72.017 583 63	1.89 5.63	7.71 14.81	3.98 8.46	1.72 1.82 1.88 1.87 2.06 7.66 8.97 6.76 6.02 7.48	A 246.07	26.00	0.00	-0.01										
08489-3858	1	F C A		A 43272 B 43272	7.280 0.013 10.121 0.180			132.227 305 43 132.227 421 30	-38.970 140 27 -38.970 119 14	4.80 4.80	12.80 12.80	19.11 19.11	3.11 1.79 1.09 0.84 0.97 19.07 23.85 1.09 0.84 0.97	A 77	0.33												
08490+3821	1	F C A		A 43279 B 43279	7.443 0.003 9.541 0.019	7.453 0.006 9.797 0.024	7.416 0.007 9.343 0.024	132.251 463 56 132.253 563 70	+38.345 247 57 +38.347 132 27	4.07 4.07	-7.25 -7.25	0.71 0.71	1.03 0.69 1.07 1.22 0.87 7.28 4.80 1.07 1.22 0.87	A 41.15	9.011												
08493-2625	1	F C A		A 43301 B 43301	8.798 0.008 9.331 0.014	8.684 0.016 9.128 0.030	8.572 0.015 9.026 0.029	132.324 148 30 132.323 670 11	-26.424 411 62 -26.424 356 78	1.66 1.66	-0.24 -0.24	-7.31 -7.31	1.47 1.56 2.10 1.62 1.40 3.26 4.33 2.10 1.62 1.40	A 277.3	1.554												
08495+0852	1	F C A		A 43317 B 43317	8.067 0.017 9.352 0.056			132.371 381 37 132.371 358 21	+8.864 664 94 +8.864 731 13	6.33 6.33	-25.99 -25.99	2.33 2.33	3.30 2.51 1.28 1.50 0.94 10.81 6.91 1.28 1.50 0.94	A 341	0.25												
08498-5401	1	F C A		A 43342 B 43342	9.411 0.007 10.162 0.013	9.381 0.017 10.184 0.032	9.290 0.022 9.997 0.041	132.439 464 57 132.436 996 13	-54.021 685 15 -54.022 037 24	2.08 2.08	-6.46 -6.46	9.29 9.30	1.35 1.39 1.36 1.50 1.36 4.42 4.83 1.36 1.50 1.36	A 256.4	5.372												
08499+1450	1	I C A		A 43359 B 43360	7.749 0.033 8.904 0.057	8.128 0.011 9.023 0.027	7.641 0.011 8.508 0.025	132.482 778 23 132.486 753 18	+14.833 376 36 +14.830 883 87	-4.04 -10.76	-17.61 -13.46	0.49 7.99	4.57 2.28 3.39 4.21 2.60 19.17 11.37 9.38 14.63 8.89	A 122.97	16.49	-0.03	0.00										

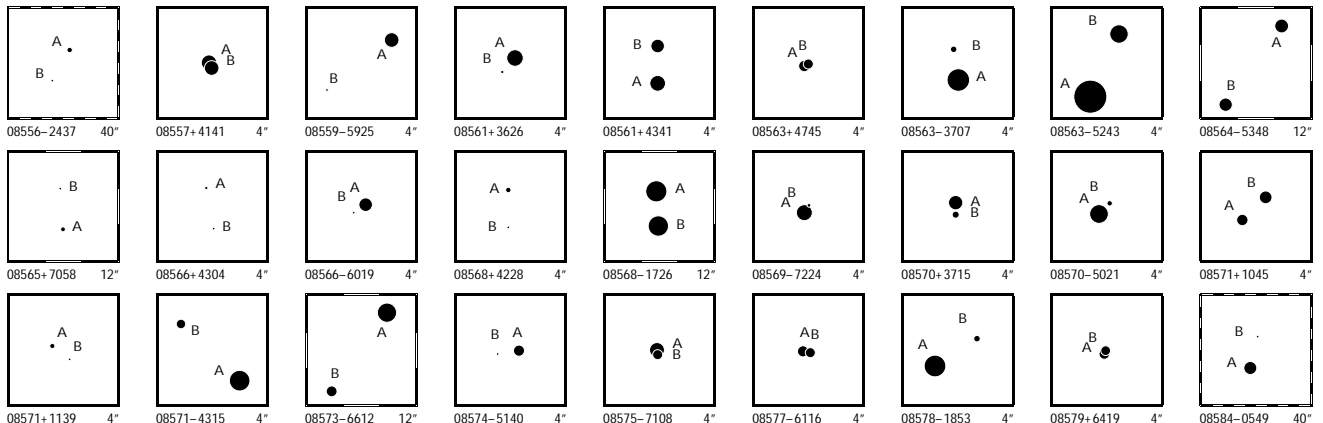


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry													
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^* mas	δ mas	π mas	μ_{α^*} mas/yr	μ_{δ} mas/yr	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr							
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29					
08500+3935	1	F	C	A	43367	9.253	0.005				132.499	468	89	+39.589	833	06	6.07	75.37	-9.34	2.83	1.97	2.37	2.34	2.01	B	88.9	1.308			
				A	43367	9.363	0.005				132.499	940	12	+39.589	840	19	6.07	75.37	-9.34	3.30	3.02	2.37	2.34	2.01						
08500-2435	1	F	C	A	43364	9.305	0.027				132.494	478	16	-24.579	694	08	3.65	-8.29	6.31	2.80	3.12	1.11	0.88	0.76	A	209	0.249			
				B	43364	9.475	0.032				132.494	440	79	-24.579	754	26	3.65	-8.29	6.31	3.78	3.77	1.11	0.88	0.76						
08501+5612	1	F	C	A	43376	9.535	0.008	9.868	0.020	9.265	0.017	132.530	675	87	+56.206	580	58	8.31	-8.05	0.44	2.03	1.98	2.62	1.94	1.68	A	82.2	1.14		
				B	43376	10.477	0.019				132.531	238	14	+56.206	623	47	8.31	-8.05	0.44	7.17	5.65	2.62	1.94	1.68						
08503-4443	1	F	C	A	43388	7.697	0.004	8.764	0.011	7.625	0.008	132.578	936	41	-44.721	139	21	6.88	-21.71	19.76	0.83	0.74	0.89	0.99	0.79	A	218	3.45		
				B	43388	11.473	0.133				132.578	101	03	-44.721	890	70	6.88	-21.71	19.76	35.49	28.88	0.89	0.99	0.79						
08504+8028	1	F	C	A	43401	8.992	0.006				132.610	721	57	+80.463	946	00	4.25	-36.58	-32.96	1.43	1.19	1.31	1.15	1.04	A	282	0.50			
				B	43401	11.333	0.046				132.609	897	94	+80.463	975	10	4.25	-36.58	-32.96	12.33	12.50	1.31	1.15	1.04						
08504-3556	1	F	C	A	43396	7.030	0.003	6.928	0.005	7.048	0.005	132.597	319	99	-35.930	467	44	2.15	-9.15	5.77	0.59	0.68	0.79	0.57	0.64	A	314.4	2.47		
				B	43396	9.008	0.017	8.767	0.012	8.761	0.017	132.596	714	80	-35.929	987	87	2.15	-9.15	5.77	5.42	5.57	0.79	0.57	0.64					
08504-4615	1	F	C	A	43400	8.728	0.040				132.608	687	59	-46.248	153	96	1.95	-14.09	7.77	3.75	4.88	1.04	1.22	1.08	A	141	0.23			
				B	43400	11.256	0.407				132.608	746	02	-46.248	203	88	1.95	-14.09	7.77	34.97	30.15	1.04	1.22	1.08						
08505+6741	1	F	C	A	43411	9.671	0.384				132.635	492	27	+67.689	004	30	2.13	-0.89	-10.19	17.57	12.02	1.24	0.60	0.81	A	102	0.13			
				B	43411	10.415	0.763				132.635	588	56	+67.688	996	56	2.13	-0.89	-10.19	59.21	27.07	1.24	0.60	0.81						
08507+1800	1	F	C	A	43421	7.568	0.015				132.668	400	32	+18.003	392	21	4.96	-12.04	15.69	2.94	2.53	1.36	1.90	1.26	B	234	0.301			
				B	43421	7.658	0.017				132.668	329	26	+18.003	342	84	4.96	-12.04	15.69	2.76	2.25	1.36	1.90	1.26						
08507+3504	1	F	C	A	43426	7.685	0.006				132.684	901	25	+35.070	693	02	17.24	-174.08	114.24	1.98	1.22	1.83	2.04	1.30	A	278.59	3.570			
				B	43426	7.759	0.006				132.683	703	21	+35.070	841	13	17.24	-174.08	114.24	3.40	1.94	1.83	2.04	1.30						
08508-2313	1	F	C	A	43428	9.654	0.008	9.695	0.020	9.365	0.022	132.687	556	85	-23.219	872	16	3.69	-6.26	4.30	2.36	2.12	2.80	2.66	2.22	A	129.9	3.027		
				B	43428	10.209	0.012	10.023	0.033	9.705	0.048	132.688	259	19	-23.220	411	18	3.69	-6.26	4.30	4.80	4.39	2.80	2.66	2.22					
08508-5407	1	F	C	A	43433	8.189	0.004	8.245	0.011	8.155	0.012	132.696	302	71	-54.112	981	95	6.85	-9.89	8.34	0.75	0.74	0.78	0.77	0.75	A	111.4	5.65		
				B	43433	10.366	0.026	10.422	0.042	9.947	0.045	132.698	797	64	-54.113	554	85	6.85	-9.89	8.34	5.62	6.00	0.78	0.77	0.75					
08509-4345	1	F	C	A	43443	7.769	0.007	8.439	0.010	7.730	0.009	132.721	852	42	-43.751	517	22	1.25	-5.14	4.28	0.82	0.79	0.93	0.91	0.78	A	65.5	1.91		
				B	43443	10.934	0.099				132.722	520	81	-43.751	296	84	1.25	-5.14	4.28	15.20	15.19	0.93	0.91	0.78						
08514+2105	1	F	C	A	43479	9.215	0.010				132.844	186	06	+21.080	427	87	7.70	-18.96	-17.75	3.49	2.45	2.62	2.79	2.66	A	336	0.416			
				B	43479	9.454	0.013				132.844	135	48	+21.080	533	26	7.70	-18.96	-17.75	6.73	3.74	2.62	2.79	2.66						
08514-5047	1	F	C	A	43483	9.475	0.121				132.856	731	30	-50.779	413	59	10.44	-65.81	1.98	8.12	8.07	0.80	0.87	0.77	A	47	0.15			
				B	43483	9.900	0.178				132.856	780	21	-50.779	384	43	10.44	-65.81	1.98	8.21	8.78	0.80	0.87	0.77						
08515+5732	1	L	C	A	43485	8.728	0.005	9.010	0.018	8.560	0.020	132.859	136	47	+57.527	248	22	5.14	-12.58	10.48	1.77	2.00	2.12	1.58	1.70	A	198.0	1.907	-0.1	-0.008
				B	43485	8.951	0.006	9.161	0.018	8.738	0.023	132.858	831	52	+57.526	744	50	5.14	-7.41	17.04	3.67	3.75	2.12	3.43	2.65					
08516-0711	1	F	C	A	43496	5.794	0.002	5.753	0.007	5.583	0.006	132.893	498	89	-7.177	212	66	6.68	-48.79	-5.34	0.85	0.51	0.88	0.91	0.50	A	123.3	1.139		
				B	43496	7.477	0.010				132.893	765	31	-7.177	386	30	6.68	-48.79	-5.34	4.81	3.19	0.88	0.91	0.50						
08517-3109	1	F	C	A	43509	8.589	0.029				132.934	605	90	-31.144	396	09	1.06	-6.68	4.67	3.16	2.84	1.11	0.81	0.88	A	238	0.241			
				B	43509	9.288	0.059				132.934	539	36	-31.144	431	34	1.06	-6.68	4.67	5.21	5.60	1.11	0.81	0.88						
08518-0648	1	F	C	A	43511	7.854	0.005	7.857	0.007	7.824	0.009	132.937	415	76	-6.784	308	67	4.40	-24.79	9.26	1.11	0.70	1.22	1.24	0.69	A	166.1	5.94		
				B	43511	10.660	0.059	10.801	0.066	10.312	0.065	132.937	814	47	-6.785	909	27	4.40	-24.79	9.26	13.44	9.01	1.22	1.24	0.69					
08518-5822	1	F	N	B	43512	8.654	0.009	8.851	0.019	8.446	0.019	132.938	865	67	-58.366	002	67	4.07	5.76	-12.24	1.13	1.06	1.01	0.98	0.95	A	288.5	1.81		
				C	43512	10.113	0.063				132.937	957	52	-58.365	843	71	4.07	5.76	-12.24	9.20	7.99	1.01	0.98	0.95						
				B	43512	10.235	0.075				132.938	111	51	-58.365	896	03	4.07	5.76	-12.24	11.98	8.58	1.01	0.98	0.95						
08519-6341	1	F	C	A	43524	9.299	0.009	9.870	0.021	9.206	0.018	132.969	790	95	-63.681	170	34	11.01	-91.82	-17.66	1.66	1.58	1.61	1.54	1.52	A	339.9	7.42		
				B	43524	10.926	0.038	11.505	0.095	10.739	0.078	132.968	195	72	-63.679	233	72	11.01	-91.82	-17.66	10.62	10.74	1.61	1.54	1.52					
08521+0428	1	F	C	A	43539	7.436	0.004	7.500	0.009	7.377	0.011	133.014	168	94	+4.466	138	49	8.03	-4.											

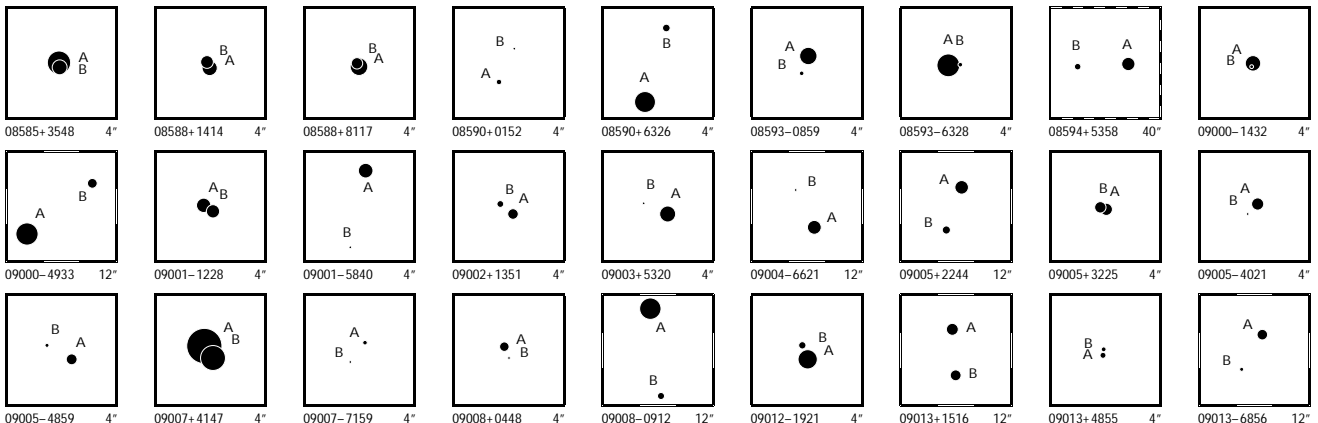
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08530+6817	1	F CA	A 43615 B 43615	10.649 0.013 10.694 0.014				133.247 778 53 +68.277 409 18 133.247 481 77 +68.277 461 18	7.59 7.59	-41.97 -53.09 -41.97 -53.09		3.68 3.85 4.16 2.79 3.25 5.69 7.08 4.16 2.79 3.25	A 295	0.437												
08531+5457	1	L CA	A 43630 B 43630	8.184 0.014 8.356 0.017				133.283 430 41 +54.952 950 95 133.283 536 69 +54.953 009 75	18.32 18.32	13.37 40.87 59.34 43.67		2.24 1.81 1.08 1.90 0.97 3.42 2.69 1.08 2.58 1.24	A 46	0.305 +6	+0.035											
08532-8634	1	F CA	A 43636 B 43636	8.765 0.006 11.023 0.042	10.133 0.023	8.716 0.012		133.305 672 07 -86.562 302 65 133.318 140 02 -86.562 745 41	3.63 3.63	15.71 -3.13 15.71 -3.13		1.03 1.03 1.05 1.16 1.22 8.89 9.48 1.05 1.16 1.22	A 120.6	3.13												
08533-5522	1	F CC	A 43639 B 43639	9.773 0.010 12.964 0.081	10.163 0.028	9.658 0.029		133.328 907 74 -55.359 170 53 133.329 443 41 -55.358 628 92	2.87 2.87	-15.77 7.31 -15.77 7.31		1.74 1.57 1.66 1.90 1.57 47.80 60.91 1.66 1.90 1.57	A 29	2.24												
08534-5228	1	F CC	A 43646 B 43646	9.098 0.066 11.617 0.675				133.345 840 37 -52.460 206 58 133.345 842 01 -52.460 256 46	0.85 0.85	-9.89 1.69 -9.89 1.69		3.70 5.33 0.92 1.02 0.82 34.96 62.48 0.92 1.02 0.82	A 179	0.18												
08535-4824	1	I CA	A 43652 B 43650	9.880 0.018 11.823 0.085	10.344 0.030	9.719 0.027		133.376 087 31 -48.400 790 03 133.371 923 12 -48.405 552 43	9.59 17.80	-14.26 -1.24 -16.07 5.62		2.39 2.33 2.13 2.44 2.14 42.02 44.29 13.47 14.76 13.75	A 210.13	19.82 +0.01	-0.01											
08539+0149	1	F CA	A 43676 B 43676	7.437 0.017 9.639 0.126				133.466 436 63 +1.824 441 53 133.466 472 08 +1.824 371 72	14.64 14.64	4.85 -43.27 4.85 -43.27		3.19 2.82 1.46 1.57 1.13 23.71 12.56 1.46 1.57 1.13	A 153	0.28												
08539+1958	1	F CA	A 43683 B 43683	7.320 0.051 7.862 0.084				133.480 600 74 +19.967 131 56 133.480 645 60 +19.967 173 89	5.02 5.02	-20.81 -6.19 -20.81 -6.19		4.85 4.98 1.05 1.37 0.99 7.25 7.76 1.05 1.37 0.99	A 45	0.215												
08539-4037	1	I CB	A 43678 B 43684	11.174 0.016 11.277 0.017	11.133 0.056	11.144 0.089		133.473 101 88 -40.608 770 03 133.481 551 23 -40.608 515 71	0.88 -2.31	-8.36 10.73 -12.20 12.61		3.07 3.72 3.81 3.31 3.90 6.01 7.12 4.84 4.35 5.08	A 87.73	23.11 -0.01	0.00											
08539-4150	1	F CA	A 43688 B 43680	7.335 0.017 9.410 0.106	7.172 0.005	7.309 0.006		133.486 733 71 -41.827 044 19 133.480 251 06 -41.827 436 88	-0.20 -0.20	-11.83 10.43 -11.83 10.43		1.69 1.71 1.67 1.79 1.58 20.86 22.38 1.67 1.79 1.58	A 265.4	17.45												
08540+0825	1	L CA	A 43692 B 43692	7.771 0.009 8.317 0.014	8.233 0.013	7.688 0.014		133.490 924 70 +8.421 529 39 133.492 728 92 +8.419 473 83	13.02 13.02	-33.85 11.18 -43.97 21.54		2.47 1.61 2.38 2.54 1.83 6.15 3.84 2.38 4.03 2.83	A 139.03	9.80 +0.01	-0.01											
08542+1935	1	F ND	A 43722 B 43722	8.442 0.008 12.181 0.240				133.561 486 22 +19.575 514 87 133.561 444 15 +19.575 767 04	4.08 4.08	11.22 -27.43 11.22 -27.43		1.93 1.20 1.81 1.99 1.37 72.48 46.37 1.81 1.99 1.37	A 351	0.92												
08542+3034	1	F CA	A 43721 B 43721	6.205 0.004 6.427 0.004				133.561 269 62 +30.579 177 23 133.560 914 61 +30.579 461 85	8.93 8.93	38.97 -25.57 38.97 -25.57		1.18 0.83 1.16 1.32 1.02 2.15 1.66 1.16 1.32 1.02	A 313.0	1.504												
08542+3504	1	F CA	A 43719 B 43719	8.421 0.005 11.308 0.067				133.556 490 62 +35.059 405 63 133.556 258 30 +35.059 479 20	5.69 5.69	-19.03 -27.58 -19.03 -27.58		1.44 0.97 1.43 1.50 1.19 18.38 13.12 1.43 1.50 1.19	A 291	0.73												
08542-0846	1	F CA	A 43723 B 43723	8.064 0.007 8.591 0.010				133.561 752 48 -8.760 856 30 133.561 777 60 -8.761 184 07	3.24 3.24	-7.72 -0.07 -7.72 -0.07		2.24 1.28 2.14 2.46 1.13 5.37 6.20 2.14 2.46 1.13	A 175.7	1.18												
08546-7403	1	F CA	A 43747 B 43747	8.331 0.004 9.707 0.014	8.377 0.013	8.227 0.012		133.661 547 20 -74.043 508 56 133.659 912 03 -74.043 786 16	2.98 2.98	-7.67 14.87 -7.67 14.87		1.06 0.99 1.06 0.97 0.96 4.60 4.72 1.06 0.97 0.96	A 238.3	1.902												
08547+1637	1	L CA	A 43751 B 43751	9.060 0.008 9.366 0.011	9.643 0.034	8.769 0.027		133.673 329 69 +16.611 278 34 133.673 362 58 +16.610 781 77	23.07 23.07	-143.91 -28.95 -135.41 -8.26		3.72 3.30 3.48 3.66 3.88 6.90 4.43 3.48 5.11 5.04	A 176.4	1.791 -0.3	-0.020											
08547+4335	1	F CA	A 43753 B 43753	8.252 0.005 9.057 0.011	8.807 0.016	8.192 0.015		133.684 900 68 +43.585 039 23 133.685 062 22 +43.586 073 33	18.24 18.24	-54.82 -153.96 -54.82 -153.96		2.23 1.35 2.11 2.42 1.43 4.84 4.02 2.11 2.42 1.43	A 6.5	3.747												
08547+4919	1	F ND	A 43748 B 43748	9.843 0.012 12.951 0.202	10.318 0.033	9.761 0.032		133.663 370 77 +49.314 293 65 133.663 098 15 +49.313 845 65	5.49 5.49	-26.64 -39.22 -26.64 -39.22		2.02 1.34 1.89 2.56 1.51 64.43 36.06 1.89 2.56 1.51	A 202	1.74												
08547-3929	1	F CA	A 43749 B 43749	8.315 0.004 10.165 0.020				133.669 124 08 -39.482 760 84 133.668 908 60 -39.482 858 76	2.04 2.04	-16.66 10.71 -16.66 10.71		0.92 1.06 1.24 0.89 1.01 5.40 7.40 1.24 0.89 1.01	A 240	0.69												
08548+1446	1	F CB	A 43759 B 43759	8.820 0.045 10.562 0.222				133.706 751 18 +14.767 464 94 133.706 800 45 +14.767 507 64	2.90 2.90	-9.81 -5.27 -9.81 -5.27		8.00 9.40 2.07 2.57 1.72 38.01 42.11 2.07 2.57 1.72	A 48	0.23												
08549+2612	1	L CA	A 43766 B 43766	7.107 0.005 8.612 0.020				133.733 115 56 +26.199 385 53 133.733 042 56 +26.199 298 65	21.70 21.70	61.02 -450.53 44.02 -432.41		1.64 1.28 1.32 1.49 1.15 5.88 5.08 1.32 3.67 3.66	A 217	0.392 +4	-0.004											
08549-0749	1	F CA	A 43764 B 43764	7.746 0.003 10.861 0.058	7.995 0.007	7.704 0.007		133.727 756 25 -7.818 460 09 133.728 552 65 -7.818 192 78	1.36 1.36	-1.97 -5.36 -1.97 -5.36		1.10 0.64 1.16 1.25 0.66 14.53 10.31 1.16 1.25 0.66	A 71.3	3.00												
08549-5814	1	F CA	A 43763 B 43763	6.503 0.092 8.452 0.555				133.725 203 36 -58.239 699 49 133.725 264 31 -58.239 683 91	3.75 3.75	-20.24 16.14 -20.24 16.14		6.27 2.78 0.48 0.46 0.43 22.43 19.90 0.48 0.46 0.43	A 64	0.13												
08551-4328	1	F CA	A 43792 B 43792	8.441 0.005 9.513 0.012	8.488 0.013	8.362 0.012		133.786 301 55 -43.466 644 56 133.785 639 45 -43.466 325 20	2.43 2.43	-7.01 6.84 -7.01 6.84		1.06 1.13 1.30 1.15 1.08 3.75 4.18 1.30 1.15 1.08	A 303.6	2.077												
08554-4653	1	F CB	A 43812 B 43812	8.334 0.012 10.937 0.123	8.271 0.008	8.336 0.011		133.846 036 68 -46.891 091 31 133.845 579 36 -46.890 785 07	2.96 2.96	-6.83 1.50 -6.83 1.50		1.40 1.41 1.53 1.78 1.66 23.51 24.39 1.53 1.78 1.66	A 314	1.58												
08555-0758	1	F CA	A 43822 B 43822	6.784 0.004 7.038 0.005	6.939 0.006	6.702 0.007		133.873 351 97 -7.971 089 17 133.873 414 06 -7.969 952 76	10.24 10.24	7.71 -26.34 7.71 -26.34		1.47 0.80 1.45 1.63 0.81 3.25 1.77 1.45 1.63 0.81	A 3.1	4.097												



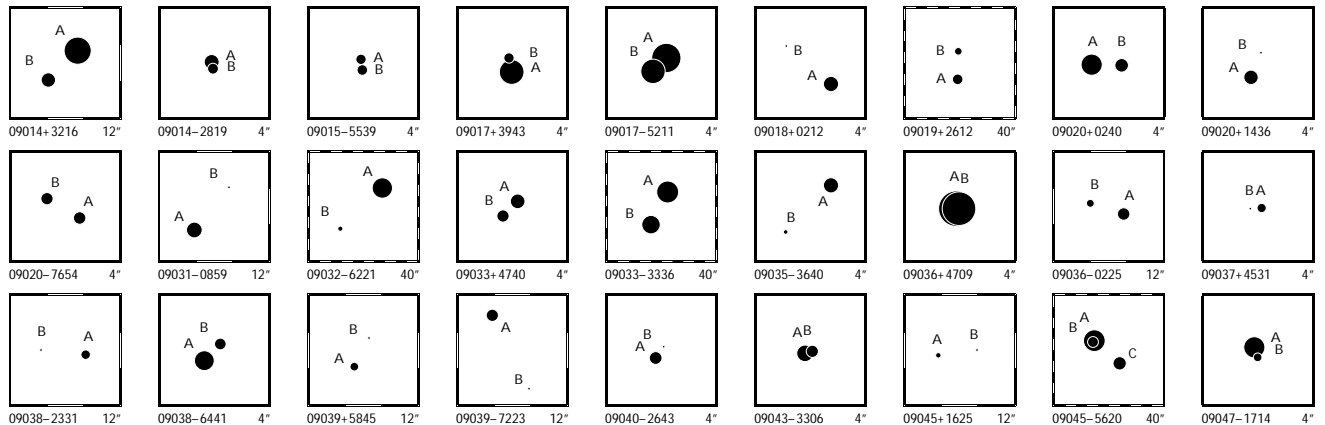
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08556-2437	1	F D	D	A 43827 B 43827	10.815 12.882	0.031 0.202	11.353	0.093	10.681	0.084	133.893 602 13 133.895 476 52	-24.624 151 00 -24.627 293 83	0.80 0.80	-13.02 -13.02	0.36 0.36	3.88 3.42 5.01 4.12 3.13 41.67 37.94 5.01 4.12 3.13	A	151.5	12.87						
08557+4141	1	F C A	A	A 43836 B 43836	8.556 8.760	0.044 0.053					133.918 855 13 133.918 823 84	+41.677 999 51 +41.677 951 41	3.87 3.87	-24.17 -24.17	-22.10 -22.10	2.94 3.92 0.99 0.94 0.69 3.92 5.14 0.99 0.94 0.69	A	206	0.193						
08559-5925	1	F C A	A	A 43848 B 43848	8.745 12.007	0.006 0.117	9.764	0.037	8.665	0.025	133.967 362 19 133.968 658 38	-59.424 681 92 -59.425 200 91	5.76 5.76	-27.81 -27.81	20.12 20.12	1.19 1.09 1.14 1.23 1.10 29.88 31.77 1.14 1.23 1.10	A	128	3.02						
08561+3626	1	F C A	A	A 43861 B 43861	8.368 11.308	0.005 0.079					134.029 407 05 134.029 568 10	+36.436 381 99 +36.436 235 65	21.68 21.68	-117.24 -117.24	-226.11 -226.11	1.77 1.30 1.78 2.33 1.67 43.03 20.58 1.78 2.33 1.67	A	138	0.70						
08561+4341	1	F C A	A	A 43862 B 43862	8.492 9.010	0.009 0.014	9.108	0.035	8.201	0.015	134.030 044 51 134.030 036 83	+43.677 582 48 +43.677 965 70	5.36 5.36	14.82 14.82	-0.78 -0.78	2.35 1.46 2.09 2.18 1.00 5.01 4.37 2.09 2.18 1.00	A	359.2	1.38						
08563+4745	1	F C A	A	A 43872 B 43872	9.504 9.755	0.205 0.258					134.063 235 08 134.063 169 93	+47.756 516 39 +47.756 542 90	4.02 4.02	-8.06 -8.06	-26.83 -26.83	18.25 10.61 1.24 1.21 0.63 18.51 11.06 1.24 1.21 0.63	A	301	0.18						
08563-3707	1	L C A	A	A 43880 B 43880	7.020 10.533	0.004 0.087	7.600	0.005	6.938	0.005	134.083 160 76 134.083 213 24	-37.122 469 22 -37.122 155 70	25.36 25.36	-161.99 -190.02	-0.67 4.39	0.64 0.72 0.77 0.52 0.58 16.50 24.34 0.77 7.78 11.59	A	7.6	1.14	-1.4	0.00				
08563-5243	1	F C A	A	A 43878 B 43878	4.693 7.929	0.002 0.045	4.553	0.003	4.687	0.004	134.080 325 10 134.079 836 07	-52.723 510 71 -52.722 865 22	8.68 8.68	-16.58 -16.58	14.60 14.60	0.50 0.50 0.53 0.54 0.45 10.72 11.56 0.53 0.54 0.45	A	335.4	2.56						
08564-5348	1	I C A	A	A 43885 B 43883	8.958 9.081	0.013 0.013	9.109	0.015	8.953	0.018	134.100 478 04 134.103 396 54	-53.799 007 71 -53.801 431 84	-0.54 5.61	-6.56 0.35	1.25 0.40	3.06 3.10 2.70 3.07 3.01 4.49 4.30 3.20 3.82 3.43	A	144.59	10.708	-0.03	+0.005				
08565+7058	1	F C A	A	A 43891 B 43891	10.897 12.735	0.012 0.061	11.881	0.107	10.881	0.068	134.121 489 77 134.121 770 79	+70.971 016 07 +70.972 270 99	9.40 9.40	-56.16 -56.16	-180.88 -180.88	2.04 2.08 2.71 1.84 2.28 18.20 16.45 2.71 1.84 2.28	A	4.2	4.53						
08566+4304	1	F C A	A	A 43901 B 43901	11.298 11.389	0.023 0.025	11.604	0.110	11.040	0.099	134.144 509 35 134.144 393 65	+43.059 171 94 +43.058 748 60	1.96 1.96	-7.92 -7.92	-15.86 -15.86	4.20 3.06 3.66 3.81 2.37 11.29 7.41 3.66 3.81 2.37	A	191	1.55						
08566-6019	1	F C B	A	A 43900 B 43900	8.987 12.360	0.006 0.131					134.143 172 95 134.143 420 79	-60.323 454 87 -60.323 537 00	3.06 3.06	-15.79 -15.79	3.69 3.69	1.47 1.50 1.24 1.16 1.29 35.76 43.50 1.24 1.16 1.29	A	124	0.53						
08568+4228	1	F C A	A	A 43916 B 43916	10.817 11.495	0.017 0.032	11.084	0.069	10.553	0.064	134.194 290 83 134.194 295 59	+42.473 089 54 +42.472 716 44	2.16 2.16	-9.96 -9.96	-16.01 -16.01	5.53 3.75 4.71 5.63 3.03 13.87 20.18 4.71 5.63 3.03	A	179	1.34						
08568-1726	1	L C A	A	A 43920 B 43920	7.328 7.470	0.004 0.005	7.655	0.016	7.233	0.011	134.207 154 23 134.207 113 24	-17.433 390 54 -17.434 454 68	14.86 14.86	-46.73 -45.70	-2.33 -13.42	1.51 0.90 1.46 1.33 0.72 2.31 1.70 1.46 1.84 1.05	A	182.10	3.833	-0.02	+0.011				
08569-7224	1	F C A	A	A 43927 B 43927	8.455 11.189	0.013 0.163					134.227 051 94 134.226 897 00	-72.406 504 45 -72.406 427 07	2.77 2.77	-15.37 -15.37	26.01 26.01	1.96 2.31 0.88 1.02 0.88 23.66 18.64 0.88 1.02 0.88	A	329	0.33						
08570+3715	1	F C A	A	A 43944 B 43944	8.841 10.435	0.006 0.026					134.261 230 76 134.261 222 96	+37.243 456 86 +37.243 341 84	7.14 7.14	13.14 13.14	-10.23 -10.23	2.04 1.56 1.91 2.55 1.50 9.33 6.11 1.91 2.55 1.50	A	183	0.41						
08570-5021	1	L C A	A	A 43936 B 43936	7.861 10.779	0.014 0.117					134.238 849 34 134.238 674 67	-50.356 625 18 -50.356 510 74	1.82 1.82	-12.39 25.41	20.60 32.66	1.40 1.22 1.11 1.28 0.91 21.09 18.81 1.11 13.38 11.68	A	316	0.58	+4	-0.02				
08571+1045	1	F C A	A	A 43951 B 43951	9.165 9.483	0.008 0.010					134.275 920 04 134.276 160 89	+10.758 243 91 +10.758 016 12	4.35 4.35	-31.72 -31.72	-25.37 -25.37	2.43 1.75 2.40 2.76 1.92 6.03 3.66 2.40 2.76 1.92	B	133.9	1.18						
08571+1139	1	F C A	A	A 43948 B 43948	10.837 12.659	0.011 0.055					134.269 615 03 134.269 434 05	+11.647 756 40 +11.647 622 84	60.99 60.99	-35.21 -35.21	-317.99 -317.99	3.57 2.32 3.45 3.73 2.42 23.70 15.82 3.45 3.73 2.42	A	233	0.80						
08571-4315	1	F C A	A	A 43955 B 43955	7.410 9.902	0.003 0.029	7.385	0.006	7.422	0.006	134.281 490 74 134.282 323 27	-43.256 204 55 -43.255 618 98	3.39 3.39	-5.51 -5.51	7.46 7.46	0.72 0.77 0.90 0.78 0.72 7.67 8.11 0.90 0.78 0.72	A	46.0	3.03						
08573-6612	1	I C A	A	A 43979 B 43980	7.719 9.577	0.005 0.025	8.847	0.019	7.659	0.012	134.338 155 31 134.342 373 20	-66.204 230 39 -66.206 661 29	6.09 6.09	-36.18 -34.61	39.61 38.41	1.37 1.33 1.14 1.69 1.34 8.61 7.74 3.57 5.22 4.27	A	145.01	10.682	0.00	+0.002				
08574-5140	1	F C C	A	A 43983 B 43983	9.539 13.033	0.008 0.179					134.345 497 10 134.345 844 25	-51.671 068 32 -51.671 095 27	18.29 18.29	-240.80 -240.80	158.96 158.96	1.41 1.24 1.37 1.63 1.32 48.49 46.90 1.37 1.63 1.32	A	97	0.78						
08575-7108	1	F C A	A	A 43996 B 43996	8.699 9.755	0.069 0.184					134.383 570 61 134.383 555 89	-71.137 966 25 -71.138 009 15	2.40 2.40	-9.55 -9.55	5.68 5.68	4.39 5.41 0.75 0.85 0.72 11.57 12.50 0.75 0.85 0.72	A	186	0.16						
08577-6116	1	F C A	A	A 44012 B 44012	9.535 9.763	0.023 0.029					134.434 119 10 134.433 955 09	-61.269 054 04 -61.269 068 42	2.78 2.78	-1.93 -1.93	-0.35 -0.35	3.66 2.11 1.07 1.01 0.93 4.74 3.63 1.07 1.01 0.93	A	260	0.289						
08578-1853	1	F C A	A	A 44017 B 44017	7.204 10.570	0.003 0.061	7.302	0.005	7.145	0.007	134.463 180 21 134.462 730 35	-18.888 977 11 -18.888 697 72	8.45 8.45	6.84 6.84	-26.88 -26.88	0.98 0.64 1.05 0.93 0.57 21.17 14.40 1.05 0.93 0.57	A	303.3	1.83						
08579+6419	1	F C A	A	A 44021 B 44021	9.673 9.868	0.307 0.368					134.476 646 86 134.476 605 91	+64.311 838 52 +64.311 868 52	-1.95 -1.95	-0.82 -0.82	-8.79 -8.79	11.73 18.11 1.25 0.88 0.87 13.71 17.86 1.25 0.88 0.87	A	329	0.13						
08584-0549	1	F C A	A	A 44063 B 44063	9.093 11.873	0.006 0.079	9.144	0.014	9.038	0.017	134.609 344 32 134.608 622 39	-5.813 634 32 -5.810 425 16	3.40 3.40	1.04 1.04	-0.20 -0.20	1.65 0.97 1.78 1.79 0.91 26.14 18.12 1.78 1.79 0.91	A	347.4	11.84						



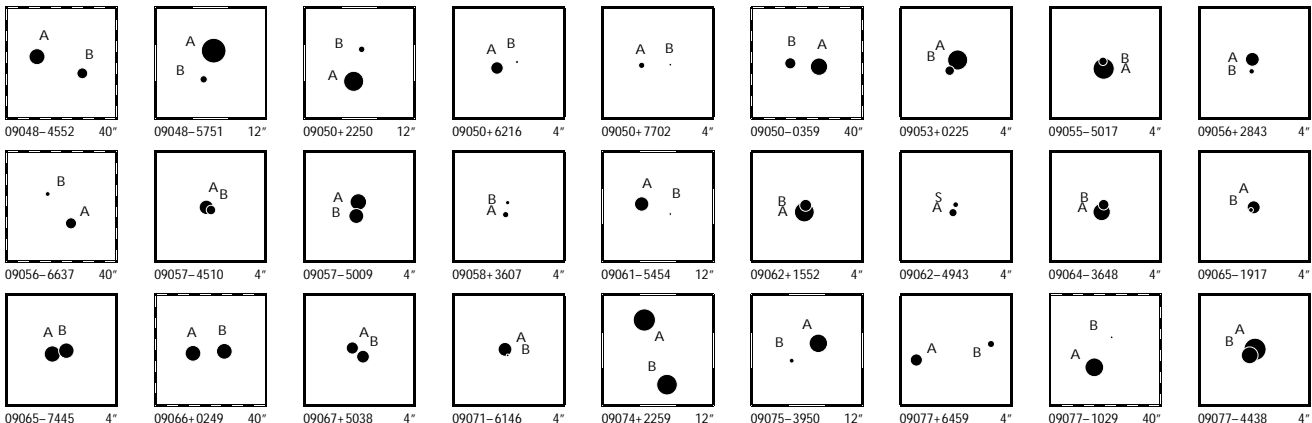
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
08585+3548	1	FCA	A 44064 B 44064	6.839 0.035 8.725 0.198							134.614 114 70 +35.802 663 47 134.614 112 98 +35.802 619 68	4.11 4.11	0.09 0.09	-5.64 -5.64	2.36 3.19 0.84 12.84 11.48 0.84	0.83 0.66 0.83 0.66	A 182	0.16							
08588+1414	1	FCA	A 44082 B 44082	8.640 0.012 9.185 0.020							134.692 431 09 +14.229 694 10 134.692 464 02 +14.229 758 51	-0.04 -0.04	-19.75 -19.75	-7.01 -7.01	2.01 1.81 1.29 3.37 2.69 1.29	1.50 1.06 1.50 1.06	A 26	0.259							
08588+8117	1	FCB	A 44088 B 44088	8.080 0.161 9.471 0.581							134.703 792 28 +81.285 341 79 134.703 903 18 +81.285 374 10	5.74 5.74	-11.68 -11.68	7.94 7.94	2.73 9.71 0.68 25.79 28.81 0.68	0.65 0.53 0.65 0.53	A 27	0.13							
08590+0152	1	FCB	A 44109 B 44109	10.814 0.031 11.891 0.084	12.130 0.167	10.713 0.066					134.759 477 02 +1.864 865 88 134.759 317 00 +1.865 203 12	37.28 37.28	-53.28 -53.28	-71.86 -71.86	6.39 3.24 6.13 28.77 16.59 6.13	5.58 2.33 5.58 2.33	A 335	1.34							
08590+6326	1	FCA	A 44107 B 44107	7.398 0.004 10.312 0.057	8.492 0.010	7.349 0.006	10.990 0.039	9.593 0.038			134.752 662 22 +63.428 647 49 134.752 185 91 +63.429 411 29	4.98 4.98	-23.15 -23.15	-24.36 -24.36	0.77 0.80 1.09 13.12 15.27 1.09	0.79 0.79 0.79 0.79	A 344.4	2.85							
08593-0859	1	FCA	A 44134 B 44134	8.175 0.004 10.970 0.048							134.833 154 35 -8.989 811 74 134.833 226 12 -8.989 985 48	5.30 5.30	-22.44 -22.44	6.85 6.85	1.28 0.79 1.37 19.06 7.73 1.37	1.50 0.76 1.50 0.76	A 158	0.68							
08593-6328	1	FND	D 44135 44135	6.971 0.005 10.965 0.205							134.836 112 04 -63.466 851 51 134.835 826 15 -63.466 849 88	7.58 7.58	-36.68 -36.68	16.19 16.19	0.87 0.74 0.77 44.53 40.02 0.77	0.79 0.67 0.79 0.67	A 271	0.46							
08594+5358	1	ICA	A 44140 B 44147	9.057 0.022 10.563 0.066	9.511 0.019	8.953 0.018	10.929 0.065	10.177 0.048			134.848 813 65 +53.971 819 37 134.857 595 32 +53.971 596 08	8.53 8.77	-1.35 14.24	-19.28 -19.56	2.88 2.11 2.59 21.14 16.46 11.26	3.21 1.95 22.12 11.76	A 92.47	18.61	0.00	+0.02					
09000-1432	1	FCC	A 44182 44182	8.585 0.105 11.187 1.154							135.005 851 62 -14.528 632 08 135.005 866 79 -14.528 664 31	4.66 4.66	-0.89 -0.89	0.48 0.48	4.82 6.32 1.08 66.06 57.32 1.08	0.86 0.50 0.86 0.50	A 155	0.13							
09000-4933	1	FCA	A 44181 B 44181	7.072 0.003 9.856 0.037	8.606 0.010	7.044 0.006	9.869 0.024	9.733 0.032			135.004 557 22 -49.557 985 68 135.001 468 03 -49.556 425 08	1.03 1.03	-12.60 -12.60	7.46 7.46	0.70 0.65 0.71 10.68 12.05 0.71	0.81 0.69 0.81 0.69	A 307.9	9.14							
09001-1228	1	LCA	A 44190 B 44190	8.824 0.008 9.040 0.009							135.021 411 57 -12.460 940 19 135.021 309 64 -12.461 004 69	11.17 11.17	-60.69 -68.79	-1.64 5.18	2.73 1.68 2.26 4.16 3.02 2.26	2.40 1.16 3.08 1.63	A 237.1	0.427	+1.4	+0.003					
09001-5840	1	FCA	A 44195 B 44195	8.737 0.006 11.872 1.017	9.267 0.018	8.650 0.016					135.036 960 04 -58.668 253 04 135.037 254 76 -58.669 040 57	14.07 14.07	-73.83 -73.83	22.38 22.38	1.04 1.01 1.03 20.52 22.14 1.03	1.08 0.99 1.08 0.99	A 169.0	2.89							
09002+1351	1	FCA	A 44200 B 44200	9.679 0.005 10.479 0.009							135.053 425 72 +13.844 096 37 135.053 564 89 +13.844 194 69	8.98 8.98	47.47 47.47	-17.67 -17.67	2.66 1.58 2.61 5.92 4.01 2.61	3.52 1.85 3.52 1.85	A 54	0.602							
09003+5320	1	FCA	A 44209 B 44209	8.455 0.006 11.684 1.019							135.078 279 69 +53.331 088 32 135.078 683 45 +53.331 186 46	10.28 10.28	34.51 34.51	0.04 0.04	1.23 0.94 1.31 33.99 22.80 1.31	1.55 0.98 1.55 0.98	A 68	0.94							
09004-6621	1	FCA	A 44214 B 44214	8.938 0.006 11.506 0.056	8.882 0.021	8.949 0.028					135.092 680 95 -66.349 533 35 135.094 073 24 -66.348 408 73	2.54 2.54	-11.91 -11.91	5.25 5.25	1.10 1.03 1.09 13.16 9.77 1.09	1.34 0.98 1.34 0.98	A 26.4	4.52							
09005+2244	1	FCA	A 44236 B 44236	8.988 0.013 10.209 0.040	9.893 0.032	8.837 0.022	10.617 0.066	10.001 0.067			135.136 284 89 +22.726 967 30 135.136 802 09 +22.725 672 65	4.68 4.68	-5.64 -5.64	-48.11 -48.11	2.32 1.84 2.31 9.28 7.85 2.31	2.43 2.23 2.43 2.23	A 159.8	4.97							
09005+3225	1	FCA	A 44230 B 44230	9.298 0.051 9.490 0.061							135.127 782 71 +32.417 547 84 135.127 858 40 +32.417 570 12	9.26 9.26	48.30 48.30	-36.78 -36.78	7.01 4.04 1.48 8.80 5.37 1.48	1.82 1.08 1.82 1.08	A 71	0.24							
09005-4021	1	FCA	A 44225 B 44225	9.298 0.006 11.464 0.043							135.116 582 66 -40.356 772 25 135.116 716 07 -40.356 869 05	1.82 1.82	-11.05 -11.05	2.74 2.74	1.40 1.54 1.55 12.88 13.41 1.55	1.25 1.36 1.25 1.36	A 134	0.51							
09005-4859	1	LNC	A 44232 B 44232	9.611 0.015 11.112 0.060							135.130 189 75 -48.984 476 55 135.130 565 82 -48.984 339 69	-6.16 -6.16	-5.08 -14.42	6.35 -9.67	2.10 2.10 2.12 12.43 12.88 2.12	1.92 1.93 6.95 7.53	A 61.0	1.02	+0.5	-0.02					
09007+4147	1	LCB	A 44248 B 44248	4.182 0.004 6.482 0.033							135.161 467 65 +41.783 444 01 135.161 345 18 +41.783 322 27	60.86 60.86	-487.67 -381.62	-219.29 -270.08	1.44 1.23 1.30 13.64 13.19 1.30	1.42 0.76 6.42 5.11	A 217	0.548	-12	-0.023					
09007-7159	1	FCA	A 44247 B 44247	10.974 0.012 12.164 0.035							135.160 887 97 -71.983 717 83 135.161 382 68 -71.983 915 91	10.45 10.45	234.89 234.89	45.57 45.57	2.53 2.32 2.40 10.69 10.36 2.40	2.78 2.47 2.78 2.47	A 142	0.90							
09008+0448	1	FND	D 44260 44260	9.906 0.012 13.577 0.336							135.202 217 00 +4.794 237 70 135.202 178 23 +4.794 114 03	22.10 22.10	194.45 194.45	-112.61 -112.61	2.83 1.79 3.16 134.71 82.00 3.16	3.29 1.45 3.29 1.45	A 197	0.47							
09008-0912	1	FCA	A 44254 B 44254	7.275 0.004 10.431 0.069	7.291 0.005	7.246 0.006	10.674 0.048	10.097 0.042			135.190 112 79 -9.191 385 28 135.189 792 43 -9.194 072 43	5.70 5.70	4.69 4.69	-13.79 -13.79	1.19 0.54 1.20 21.06 11.08 1.20	1.28 0.50 1.28 0.50	A 186.7	9.74							
09012-1921	1	FCA	A 44286 B 44286	7.726 0.002 10.393 0.024							135.289 951 11 -19.342 169 12 135.290 005 47 -19.342 024 90	9.21 9.21	-11.27 -11.27	-18.39 -18.39	0.90 0.70 1.05 8.65 4.88 1.05	0.94 0.55 0.94 0.55	A 20	0.55							
09013+1516	1	LCB	A 44295 B 44295	9.334 0.008 9.618 0.011	10.911 0.051	9.369 0.022	11.078 0.058	9.561 0.025			135.323 136 19 +15.266 540 28 135.323 051 60 +15.265 106 71	54.57 54.57	-126.16 -108.11	-317.78 -318.04	3.18 2.09 3.21 5.82 5.04 3.21	3.15 1.99 4.20 3.12	A 183.3	5.169	-0.2	-0.001					
09013+4855	1	FCA	A 44294 B 44294	10.706 0.062 10.909 0.075							135.322 258 46 +48.916 081 16 135.322 246 76 +48.916 144 70	8.50 8.50	-3.96 -3.96	-2.16 -2.16	7.70 7.50 2.11 13.68 8.80 2.11	2.42 1.41 2.42 1.41	A 353	0.23							
09013-6856	1	FCA	A 44298 B 44298	9.671 0.008 11.093 0.030	10.129 0.025	9.570 0.024	11.138 0.076	10.640 0.077			135.332 429 82 -68.926 688 67 135.334 176 88 -68.927 769 66	5.56 5.56	-7.64 -7.64	-13.06 -13.06	1.47 1.58 1.51 8.25 7.47 1.51	1.66 1.46 1.66 1.46	A 149.8	4.50							



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09014+3216	1	F CA	A 44307 B 44307	5.992 0.003 8.790 0.031	6.031 0.006 8.892 0.029	5.952 0.006 8.556 0.031		135.350 538 49 +32.252 294 74 135.351 581 95 +32.251 401 73	6.40 6.40	0.30 0.72 0.30 0.72	0.88 0.61 0.90 0.98 0.76 11.29 5.40 0.90 0.98 0.76	A 135.3 4.52															
09014-2819	1	F CA	A 44302 B 44302	8.724 0.038 9.608 0.085				135.340 514 25 -28.324 558 48 135.340 501 01 -28.324 622 34	1.94 1.94	-3.29 -2.17 -3.29 -2.17	3.06 4.69 1.18 0.82 0.95 7.55 8.87 1.18 0.82 0.95	A 190 0.23															
09015-5539	1	F CA	B 44314 A 44314	9.685 0.015 9.719 0.015				135.377 695 71 -55.649 373 24 135.377 709 68 -55.649 263 72	1.91 1.91	-5.15 3.96 -5.15 3.96	2.42 2.83 1.90 1.70 2.38 4.30 3.60 1.90 1.70 2.38	B 4 0.395															
09017+3943	1	L CA	A 44331 B 44331	6.519 0.002 9.744 0.034				135.419 966 19 +39.713 704 29 135.419 995 82 +39.713 850 25	15.24 15.24	-41.39 -76.52 -31.39 -69.22	0.87 0.69 0.82 0.63 0.48 12.65 9.04 0.82 0.65 3.91	A 9 0.532 +1 +0.009															
09017-5211	1	L CA P	A 44337 B 44337	5.538 0.003 6.618 0.006				135.435 721 56 -52.188 718 25 135.435 951 63 -52.188 853 37	7.46 7.46	-14.67 13.53 -23.87 11.03	0.69 0.62 0.63 0.71 0.55 2.18 1.91 0.63 1.28 1.07	A 133.8 0.703 +0.7 -0.005															
09018+0212	1	F CA	A 44339 B 44339	8.626 0.006 11.887 0.108	8.685 0.012 8.595 0.014			135.441 622 90 +2.205 624 29 135.442 084 78 +2.206 017 90	4.82 4.82	-8.10 -3.61 -8.10 -3.61	1.51 0.88 1.52 1.60 0.81 31.06 15.74 1.52 1.60 0.81	A 50 2.18															
09019+2612	1	I CA	A 44352 B 44351	9.647 0.010 10.327 0.017	10.035 0.040 9.588 0.041 10.610 0.054 10.234 0.066			135.484 171 11 +26.204 361 92 135.484 153 85 +26.207 174 54	-1.44 2.57	14.51 0.28 12.31 -3.47	5.44 3.64 4.27 6.20 4.56 11.73 7.94 8.04 11.69 8.24	A 359.7 10.13 0.0 0.00															
09020+0240	1	F CA	A 44359 B 44359	7.343 0.005 8.985 0.018	7.218 0.010 7.150 0.012			135.494 957 28 +2.671 228 61 135.494 651 18 +2.671 223 90	6.58 6.58	-8.49 -2.71 -8.49 -2.71	1.29 0.72 1.37 1.47 0.66 6.04 3.38 1.37 1.47 0.66	A 269.1 1.10															
09020+1436	1	F CA	A 44361 B 44361	8.847 0.009 11.606 0.106				135.510 190 76 +14.598 664 25 135.510 078 85 +14.598 908 06	6.39 6.39	-28.06 -15.77 -28.06 -15.77	2.09 1.30 2.22 2.29 1.47 37.88 19.32 2.22 2.29 1.47	A 336 0.96															
09020-7654	1	F CA	A 44355 B 44355	9.236 0.006 9.282 0.006				135.489 556 31 -76.894 615 60 135.491 028 46 -76.894 422 22	6.51 6.51	-80.10 65.51 -80.10 65.51	1.90 2.03 1.75 1.98 2.13 4.44 3.91 1.75 1.98 2.13	A 59.9 1.39															
09031-0859	1	F CA	A 44429 B 44429	8.544 0.007 11.613 0.112	8.703 0.013 8.462 0.015			135.784 385 08 -8.989 866 15 135.783 308 90 -8.988 542 18	4.26 4.26	-29.99 1.21 -29.99 1.21	1.75 0.94 1.68 1.81 0.91 37.45 14.78 1.68 1.81 0.91	A 321.2 6.11															
09032-6221	1	F ND D	A 44435 B 44436	7.484 0.028 10.832 0.494	7.802 0.008 7.421 0.008			135.798 346 75 -62.351 748 49 135.807 638 57 -62.355 884 03	14.83 14.83	-60.30 61.57 -60.30 61.57	1.35 1.19 1.08 1.31 1.16 110.15 107.53 1.08 1.31 1.16	A 133.8 21.51															
09033+4740	1	F CA	A 44440 B 44440	8.770 0.005 9.313 0.008				135.816 687 33 +47.671 762 65 135.816 923 15 +47.671 611 84	4.86 4.86	-9.62 -8.88 -9.62 -8.88	1.89 1.73 2.10 2.18 1.52 4.69 3.26 2.10 2.18 1.52	A 133.5 0.788															
09033-3336	1	I CA	A 44442 B 44443	7.159 0.010 7.908 0.017	7.085 0.004 7.092 0.005 8.220 0.008 7.979 0.008			135.817 196 58 -33.600 662 42 135.819 271 38 -33.604 053 94	7.55 8.10	-18.51 0.25 -21.24 -0.57	1.37 1.94 2.09 1.31 1.83 5.46 6.68 4.21 2.82 3.51	A 153.00 13.703 +0.01 -0.001															
09035-3640	1	F CA	A 44460 B 44460	8.628 0.007 10.974 0.061	9.619 0.015 8.540 0.010			135.871 743 23 -36.658 190 50 135.872 324 57 -36.658 676 88	1.42 1.42	-11.64 9.50 -11.64 9.50	1.06 1.14 1.41 0.97 1.12 14.87 9.52 1.41 0.97 1.12	A 136.2 2.43															
09036+4709	1	F CA	A 44471 B 44471	4.155 0.114 4.540 0.162				135.906 516 34 +47.156 660 73 135.906 464 41 +47.156 657 37	7.71 7.71	-37.37 -55.39 -37.37 -55.39	5.82 8.63 0.83 0.81 0.51 16.25 12.88 0.83 0.81 0.51	A 265 0.13															
09036-0225	1	F CA	A 44470 B 44470	9.234 0.006 10.240 0.014	9.619 0.018 9.098 0.017 10.445 0.044 10.059 0.048			135.903 673 50 -2.408 742 34 135.904 712 46 -2.408 396 25	3.00 3.00	-21.38 0.90 -21.38 0.90	2.26 1.17 2.14 2.06 1.11 6.77 3.55 2.14 2.06 1.11	A 71.6 3.94															
09037+4531	1	F CA	A 44474 B 44474	9.931 0.019 11.770 0.104				135.922 947 21 +45.519 925 74 135.923 107 43 +45.519 919 34	1.42 1.42	-17.91 -17.29 -17.91 -17.29	3.30 2.14 2.48 2.10 1.49 20.37 14.99 2.48 2.10 1.49	A 93 0.40															
09038-2331	1	F ND D	A 44479 B 44479	9.913 0.013 12.446 0.130	10.242 0.031 9.860 0.033			135.939 061 46 -23.516 491 47 135.940 581 69 -23.516 332 85	7.26 7.26	-4.35 -1.00 -4.35 -1.00	1.98 1.53 2.37 1.95 1.44 30.96 22.36 2.37 1.95 1.44	A 83.5 5.05															
09038-6441	1	F CA	A 44485 B 44485	7.632 0.003 9.422 0.016				135.956 568 23 -64.685 218 80 135.956 174 44 -64.685 046 94	2.33 2.33	-17.76 12.74 -17.76 12.74	0.74 0.78 0.77 0.75 0.75 4.51 4.83 0.77 0.75 0.75	A 315.6 0.866															
09039+5845	1	F CA	A 44493 B 44493	10.064 0.018 12.439 0.162	10.448 0.032 9.970 0.033			135.974 172 29 +58.749 081 91 135.973 300 62 +58.749 977 52	8.80 8.80	36.33 -1.37 36.33 -1.37	2.02 1.87 2.42 1.94 1.44 26.68 20.27 2.42 1.94 1.44	A 333.2 3.61															
09039-7223	1	F NC	A 44488 B 44488	9.329 0.016 12.335 0.248	9.889 0.040 9.366 0.040			135.965 131 93 -72.385 655 07 135.961 503 31 -72.387 921 27	6.48 6.48	-29.62 49.15 -29.62 49.15	1.92 1.94 1.92 2.14 1.90 49.31 47.11 1.92 2.14 1.90	A 205.8 9.07															
09040-2643	1	F CA	A 44498 B 44498	9.204 0.005 11.683 0.046				135.992 185 66 -26.720 208 69 135.992 092 84 -26.720 093 10	2.81 2.81	1.36 -0.23 1.36 -0.23	1.28 1.40 1.59 1.10 1.23 16.94 13.59 1.59 1.10 1.23	A 324 0.51															
09043-3306	1	L CA	A 44527 B 44527	8.342 0.015 9.273 0.036				136.088 650 20 -33.101 855 93 136.088 566 26 -33.101 835 51	9.51 9.51	-54.14 0.50 -61.95 1.09	2.34 2.24 0.95 0.84 1.66 4.15 5.62 0.95 1.71 3.70	A 286 0.264 0 +0.008															
09045+1625	1	F ND D	A 44541 B 44541	10.807 0.013 13.692 0.174	12.530 0.243 10.741 0.080			136.130 603 27 +16.417 397 15 136.129 359 48 +16.417 563 63	17.84 17.84	-37.99 -200.32 -37.99 -200.32	2.86 2.00 3.13 3.88 2.67 78.05 49.30 3.13 3.88 2.67	A 278 4.34															
09045-5620	1	L NB G	A 44545 C 44542 B 44545	7.191 0.010 9.034 0.047 9.616 0.057	9.689 0.028 8.771 0.021			136.136 874 08 -56.341 060 89 136.132 121 06 -56.343 452 63 136.137 135 87 -56.341 188 73	1.05 1.05 1.05	-10.59 8.21 27.51 -66.79 -9.83 14.28	0.86 0.85 0.79 0.86 0.89 7.70 7.49 0.79 5.36 5.49 10.81 10.58 0.79 7.31 7.63	A 227.76 12.809 -0.36 +0.022 A 131 0.70 0 0.00															
09047-1714	1	F CA	A 44556 B 44556	7.322 0.003 10.107 0.034				136.173 348 89 -17.236 789 81 136.173 305 34 -17.236 901 33	6.17 6.17	-34.93 -23.25 -34.93 -23.25	0.93 0.77 0.93 0.92 0.63 9.86 7.99 0.93 0.92 0.63	A 200 0.43															

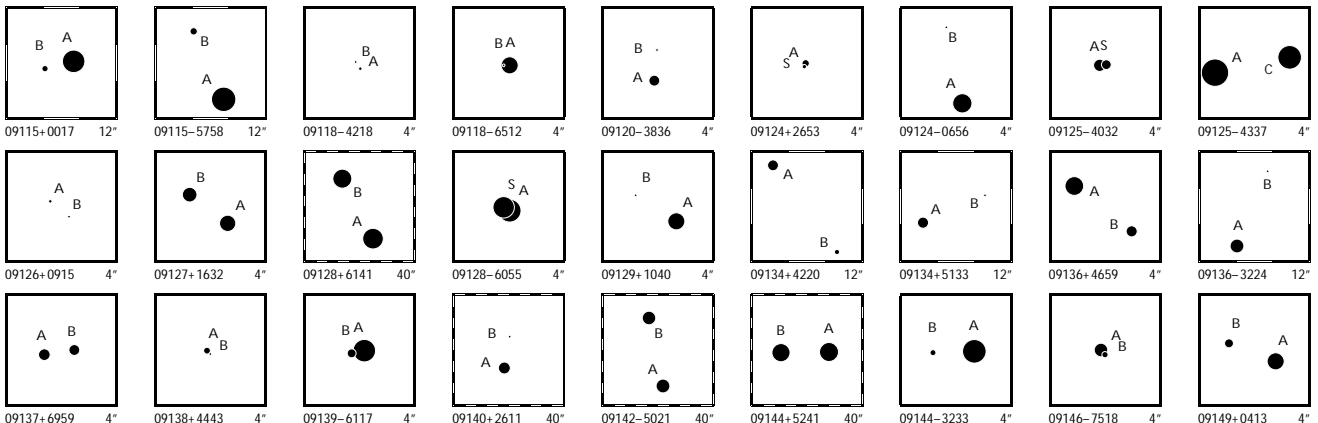


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09048-4552	1	LCA	A 44561 B 44561	8.461 0.020 9.587 0.048	8.464 0.011 9.932 0.046	8.379 0.013 9.557 0.052		136.193 453 85 136.186 666 11	-45.861 700 30 -45.863 400 90	1.75 1.75	-21.90 -15.65	14.74 -14.03	1.65 1.46 1.61 1.46 1.04 12.64 10.26 1.61 8.03 5.67	A 250.21	18.08	-0.09	0.00									
09048-5751	1	FCB	A 44565 B 44565	6.530 0.003 10.409 0.092	6.764 0.004 10.074 0.096	6.472 0.004 9.567 0.101		136.199 981 16 136.200 547 34	-57.852 628 54 -57.853 515 04	2.96 2.96	-25.03 -25.03	22.71 22.71	0.58 0.53 0.55 0.56 0.51 25.30 21.23 0.55 0.56 0.51	A 161.2	3.37											
09050+2250	1	FNC	A 44586 B 44586	7.580 0.041 10.562 0.634		8.149 0.011 7.466 0.015		136.250 223 85 136.249 975 46	+22.832 089 40 +22.833 071 72	22.27 22.27	-124.31 -124.31	130.96 130.96	2.27 1.67 1.88 2.35 1.63 48.61 46.35 1.88 2.35 1.63	A 347	3.63											
09050+6216	1	FCA	A 44587 B 44587	9.215 0.006 11.321 0.035				136.253 883 76 136.253 449 82	+62.261 744 53 +62.261 806 97	2.05 2.05	-22.48 -22.48	-12.93 -12.93	1.20 1.36 1.85 1.26 1.36 8.18 10.67 1.85 1.26 1.36	A 287	0.76											
09050+7702	1	FCA	A 44583 B 44583	10.602 0.011 12.423 0.057	11.023 0.047	10.395 0.043		136.246 420 50 136.245 101 61	+77.031 924 46 +77.031 932 95	3.22 3.22	-10.52 -10.52	4.39 4.39	1.90 1.84 2.20 2.08 2.23 16.27 15.21 2.20 2.08 2.23	A 272	1.07											
09050-0359	1	ICA	A 44584 B 44585	8.135 0.016 9.524 0.032	9.733 0.048	9.038 0.041		136.248 092 24 136.251 029 73	-3.987 528 46 -3.987 252 20	20.84 16.25	-79.02 -71.27	1.54 -0.22	4.47 1.76 3.52 3.93 1.72 16.05 5.96 7.21 11.52 4.63	A 84.61	10.60	+0.01	+0.01									
09053+0225	1	FCA	A 44603 B 44603	7.555 0.004 9.917 0.034				136.314 218 51 136.314 302 42	+2.414 130 84 +2.414 020 23	5.78 5.78	-42.48 -42.48	-7.99 -7.99	1.64 1.01 1.37 1.54 0.84 17.99 6.29 1.37 1.54 0.84	A 143	0.50											
09055-5017	1	FCA	A 44618 B 44618	7.299 0.015 10.159 0.215				136.377 242 44 136.377 245 67	-50.286 875 46 -50.286 798 85	2.41 2.41	-11.69 -11.69	5.01 5.01	1.51 2.93 0.78 0.88 0.74 22.38 21.62 0.78 0.88 0.74	A 2	0.28											
09056+2843	1	FCA	A 44627 B 44627	8.917 0.008 10.786 0.041				136.410 093 24 136.410 094 32	+28.715 138 16 +28.715 017 48	7.44 7.44	-58.20 -58.20	-13.60 -13.60	1.96 2.00 2.05 2.45 1.63 12.57 8.49 2.05 2.45 1.63	A 180	0.43											
09056-6637	1	FCA	A 44623 B 44623	9.558 0.015 10.933 0.046	10.127 0.042	9.476 0.038		136.393 741 04 136.399 670 29	-66.612 944 44 -66.609 873 02	4.68 4.68	-76.88 -76.88	86.24 86.24	2.01 1.69 1.83 2.04 1.59 11.06 10.86 1.83 2.04 1.59	A 37.47	13.93											
09057-4510	1	FCA	A 44630 B 44630	8.838 0.081 9.904 0.216				136.413 065 37 136.413 002 05	-45.160 268 90 -45.160 297 25	0.05 0.05	-5.66 -5.66	8.90 8.90	7.10 4.54 0.80 0.82 0.58 14.78 11.34 0.80 0.82 0.58	A 238	0.19											
09057-5009	1	FCA	A 44634 B 44634	8.318 0.006 8.679 0.008				136.426 918 62 136.426 948 21	-50.144 544 26 -50.144 689 88	2.84 2.84	-6.24 -6.24	6.10 6.10	1.38 1.71 1.47 1.43 1.79 3.26 2.72 1.47 1.43 1.79	A 172.6	0.529											
09058+3607	1	FCA	A 44640 B 44640	10.636 0.012 11.019 0.017				136.443 922 73 136.443 902 54	+36.123 492 72 +36.123 616 03	-0.43 -0.43	-8.39 -8.39	-8.29 -8.29	3.95 3.12 3.42 3.39 2.52 8.09 4.89 3.42 3.39 2.52	A 352	0.448											
09061-5454	1	FND D	A 44664 B 44664	8.791 0.006 13.128 0.294	8.772 0.012	8.785 0.015		136.527 828 23 136.526 284 68	-54.903 970 92 -54.904 259 30	3.50 3.50	-10.65 -10.65	5.56 5.56	0.94 0.93 0.99 0.98 0.88 76.29 77.27 0.99 0.98 0.88	A 252	3.36											
09062+1552	1	FCA	A 44672 B 44672	7.645 0.012 9.389 0.061				136.552 425 79 136.552 422 33	+15.862 345 23 +15.862 419 57	2.69 2.69	-7.99 -7.99	-1.00 -1.00	1.91 2.21 1.19 1.40 1.05 8.87 7.19 1.19 1.40 1.05	A 357	0.27											
09062-4943	1	FCA	A 44667 S 44667	10.229 0.035 10.713 0.055				136.537 773 49 136.537 730 66	-49.711 592 55 -49.711 509 13	8.02 8.02	37.98 37.98	-91.44 -91.44	3.25 4.14 1.69 1.78 1.57 7.34 6.65 1.69 1.78 1.57	A 342	0.32											
09064-3648	1	FCA	A 44686 B 44686	8.137 0.020 9.670 0.081				136.596 316 49 136.596 292 95	-36.803 196 79 -36.803 123 28	5.45 5.45	-28.33 -28.33	17.28 17.28	1.91 3.11 1.06 0.66 0.89 8.68 10.25 1.06 0.66 0.89	A 346	0.27											
09065-1917	1	FCA	A 44694 B 44694	9.139 0.098 10.897 0.494				136.616 810 03 136.616 843 97	-19.283 040 38 -19.283 076 23	2.88 2.88	-2.68 -2.68	-2.59 -2.59	6.27 6.66 1.39 1.23 0.91 30.70 29.00 1.39 1.23 0.91	A 138	0.17											
09065-7445	1	FCA	A 44699 B 44699	8.406 0.005 8.576 0.006				136.631 073 83 136.630 511 52	-74.754 051 72 -74.754 023 46	3.70 3.70	-5.38 -5.38	15.25 15.25	1.67 1.25 1.22 1.51 1.00 2.14 2.70 1.22 1.51 1.00	A 280.8	0.542											
09066+0249	1	INB	A 44711 B 44710	8.526 0.024 8.542 0.024	8.918 0.021	8.449 0.021		136.659 494 21 136.656 244 97	+2.818 323 75 +2.818 546 38	8.07 3.75	-40.63 -43.14	38.89 40.55	5.94 3.42 4.99 5.98 2.93 10.81 6.20 6.06 7.22 3.32	A 273.92	11.71	+0.01	0.00									
09067+5038	1	FCA	A 44715 B 44715	9.207 0.008 9.317 0.009				136.662 458 44 136.662 633 88	+50.626 825 25 +50.626 913 52	8.92 8.92	46.74 46.74	-39.89 -39.89	3.48 2.45 2.35 3.35 1.92 3.88 2.86 2.35 3.35 1.92	B 52	0.511											
09071-6146	1	FCB	A 44745 B 44745	8.914 0.048 11.383 0.465				136.776 326 85 136.776 269 80	-61.764 299 64 -61.764 356 63	23.67 23.67	-33.39 -33.39	55.87 55.87	5.28 5.96 1.16 1.02 1.04 35.41 42.21 1.16 1.02 1.04	A 205	0.23											
09074+2259	1	FCA	A 44768 B 44768	7.078 0.006 7.446 0.008	7.438 0.013	6.983 0.014		136.862 549 44 136.861 790 80	+22.980 864 58 +22.978 864 91	16.97 16.97	-168.24 -168.24	2.91 2.91	1.59 1.22 1.30 1.95 1.66 3.60 2.02 1.30 1.95 1.66	A 199.25	7.625											
09075-3950	1	FCA	A 44776 B 44776	7.941 0.004 10.890 0.064	8.101 0.008	7.882 0.008		136.886 376 90 136.887 475 26	-39.832 128 05 -39.832 666 83	4.91 4.91	-23.32 -23.32	10.70 10.70	0.69 0.82 0.96 0.72 0.86 13.18 15.70 0.96 0.72 0.86	A 122.6	3.60											
09077+6459	1	FCA	A 44788 B 44788	9.275 0.006 10.452 0.018	9.712 0.017	9.087 0.015		136.921 323 14 136.919 514 18	+64.984 988 05 +64.985 150 58	8.55 8.55	-5.94 -5.94	-7.97 -7.97	1.36 1.46 2.10 1.44 1.70 6.14 6.00 2.10 1.44 1.70	A 282.0	2.82											
09077-1029	1	FND D	A 44796 B 44796	7.867 0.006 11.478 0.169	7.880 0.013	7.842 0.012		136.935 416 07 136.933 523 94	-10.490 643 09 -10.487 589 22	1.69 1.69	-14.74 -14.74	0.54 0.54	1.60 1.38 1.71 1.57 1.20 45.01 41.46 1.71 1.57 1.20	A 328.6	12.87											
09077-4438	1	FCA	A 44790 B 44790	7.106 0.012 8.270 0.033				136.927 171 83 136.927 251 34	-44.632 455 55 -44.632 517 68	0.80 0.80	-5.26 -5.26	6.39 6.39	1.60 1.50 0.77 0.92 0.65 4.76 4.39 0.77 0.92 0.65	A 138	0.303											

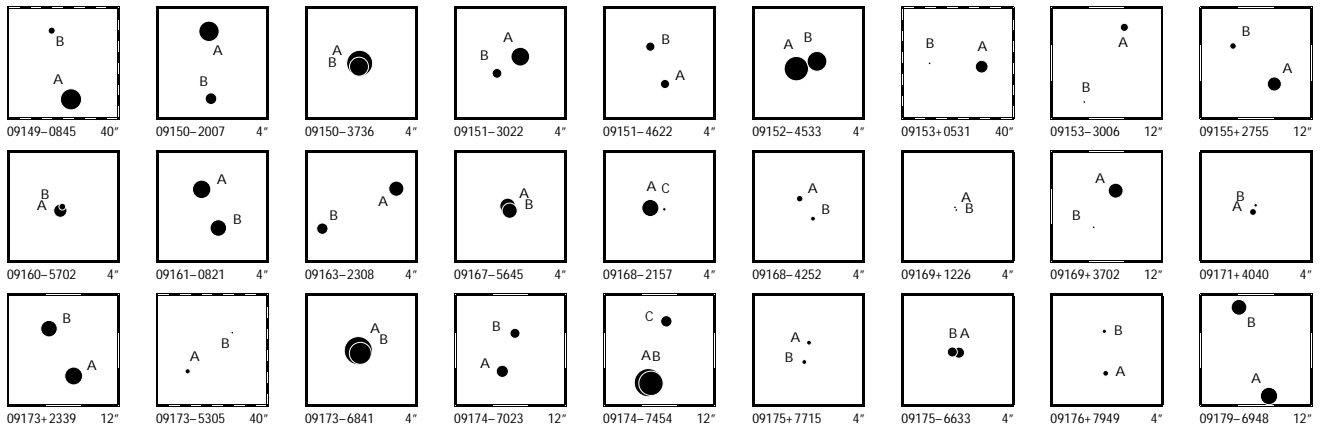


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt						
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
09079-0708	1	LNB	G	A 44804	8.783	0.012	9.266	0.020	8.696	0.019	136.968	663	94	-7.138	869	03	15.76	80.00	-67.02	2.28	2.34	2.23	2.52	1.94	A	265.7	5.90	+0.8	+0.08
				C 44804	10.182	0.037	10.701	0.090	9.895	0.075	136.967	015	75	-7.138	993	03	15.76	-0.97	4.93	9.94	10.57	2.23	7.17	5.27	A	135.9	7.19	0.0	-0.01
				B 44804	10.644	0.058					136.970	064	23	-7.140	302	17	15.76	74.22	-53.85	17.66	15.05	2.23	12.95	8.34					
09080+8102	1	FCA	A	A 44815	8.180	0.005	8.493	0.009	8.101	0.010	136.993	351	65	+81.041	207	10	3.30	-49.57	-35.65	0.97	0.94	1.07	1.14	0.96	A	168.2	2.54		
				B 44815	9.675	0.018	9.863	0.029	9.352	0.022	136.994	279	46	+81.040	516	82	3.30	-49.57	-35.65	5.13	5.98	1.07	1.14	0.96					
09080-6402	1	IFB	A	A 44817	9.646	0.004	10.515	0.040	9.559	0.029	136.998	828	40	-64.034	086	89	14.28	-55.11	25.58	4.00	4.34	3.66	3.92	4.05	A	245.95	10.60	+0.02	-0.01
				B 44814	9.980	0.005	10.810	0.049	9.834	0.034	136.992	687	76	-64.035	286	43	18.33	-49.11	32.72	5.18	5.59	4.73	4.28	5.22					
09080-6832	1	ICA	A	A 44819	9.107	0.006	9.410	0.017	9.057	0.018	137.004	190	25	-68.527	511	00	3.55	-19.38	26.14	2.15	1.94	1.71	2.25	1.91	A	117.8	9.76	0.0	-0.02
				B 44822	11.465	0.050	11.649	0.139	11.133	0.146	137.010	742	87	-68.528	777	69	2.69	-39.81	40.14	21.14	19.55	6.52	15.94	14.07					
09081-2204	1	LFC	A	A 44829	9.817	0.027	9.877	0.022	9.772	0.030	137.025	830	50	-22.065	138	71	3.52	-12.65	8.25	3.85	3.86	4.36	4.29	3.76	A	202.5	14.43	-0.1	+0.01
				B 44828	11.852	0.165	11.870	0.143	11.143	0.121	137.024	177	54	-22.068	842	71	3.52	16.15	-16.95	32.02	38.02	4.36	26.87	33.75					
09083+4211	1	FCC	A	A 44855	8.970	0.134					137.084	676	29	+42.179	762	73	13.27	27.11	-9.15	8.59	12.37	1.27	0.80	0.60	A	269	0.15		
				B 44855	11.440	1.303					137.084	621	08	+42.179	762	16	13.27	27.11	-9.15	106.83	121.76	1.27	0.80	0.60					
09087-0835	1	FCC	A	A 44883	5.613	0.003	5.535	0.004	5.603	0.004	137.175	800	20	-8.589	513	24	3.63	-21.20	-4.42	0.89	0.87	0.97	1.05	0.70	A	298	1.27		
				B 44883	9.688	0.127					137.175	484	35	-8.589	350	63	3.63	-21.20	-4.42	36.43	29.77	0.97	1.05	0.70					
09088+1625	1	FFD	D	A 44894	9.651	0.011	10.431	0.033	9.547	0.025	137.205	428	50	+16.417	825	84	14.63	-38.10	-71.89	4.16	2.30	3.87	4.97	1.94	A	165.0	5.72		
				B 44894	11.778	0.077					137.205	856	33	+16.416	290	70	14.63	-38.10	-71.89	53.22	29.96	3.87	4.97	1.94					
09089-4043	1	FCA	A	A 44910	10.586	0.009					137.231	645	04	-40.710	570	13	1.47	-21.58	10.48	2.26	2.82	2.86	2.23	2.63	A	158.1	1.00		
				B 44910	10.665	0.010					137.231	781	74	-40.710	828	33	1.47	-21.58	10.48	4.33	6.05	2.86	2.23	2.63					
09089-4917	1	FND	D	A 44902	8.476	0.008	8.525	0.010	8.448	0.012	137.220	506	63	-49.290	002	78	4.16	-8.70	10.56	1.03	0.96	1.12	1.11	0.92	A	193.5	12.24		
				B 44902	12.427	0.304					137.219	287	57	-49.293	308	19	4.16	-8.70	10.56	69.28	65.51	1.12	1.11	0.92					
09090+0536	1	FCB	A	A 44917	8.280	0.005					137.258	925	60	+5.607	496	36	3.15	-7.60	-2.12	1.57	1.07	1.30	1.76	0.84	A	233	0.46		
				B 44917	12.024	0.160					137.258	823	67	+5.607	420	34	3.15	-7.60	-2.12	36.27	24.51	1.30	1.76	0.84					
09092+1514	1	FCA	A	A 44942	8.537	0.005	8.930	0.012	8.448	0.011	137.310	041	17	+15.241	061	53	10.13	-2.93	-6.81	1.76	1.10	1.78	2.31	0.89	A	62.4	7.81		
				B 44942	10.297	0.022	10.717	0.049	10.081	0.046	137.312	035	09	+15.242	065	69	10.13	-2.93	-6.81	9.69	5.41	1.78	2.31	0.89					
09092+6033	1	FCA	A	A 44938	9.300	0.010	9.605	0.017	9.194	0.018	137.307	488	21	+60.543	904	70	6.05	-27.95	-26.39	1.39	1.69	2.31	2.04	1.55	A	126.5	1.81		
				B 44938	11.368	0.064					137.308	308	69	+60.543	606	03	6.05	-27.95	-26.39	10.71	11.77	2.31	2.04	1.55					
09095+0256	1	FCA	A	A 44958	7.941	0.005	8.032	0.017	7.721	0.018	137.379	475	16	+2.941	380	52	5.69	-9.51	-32.63	1.42	0.86	1.45	1.68	0.90	A	65.2	1.42		
				B 44958	9.154	0.014					137.379	834	04	+2.941	545	94	5.69	-9.51	-32.63	5.76	2.96	1.45	1.68	0.90					
09095+1321	1	FCA	A	A 44956	8.636	0.007	9.244	0.012	8.558	0.011	137.379	254	19	+13.356	952	62	9.79	5.11	-4.13	1.54	1.17	1.57	2.17	0.91	A	181	2.29		
				B 44956	11.801	0.129					137.379	237	40	+13.356	315	38	9.79	5.11	-4.13	30.60	19.88	1.57	2.17	0.91					
09095+3249	1	FCA	A	A 44955	10.237	0.010					137.378	508	87	+32.820	837	17	47.24	-333.83	-628.62	2.91	1.96	2.90	3.30	1.54	A	203	0.89		
				B 44955	11.954	0.044					137.378	395	03	+32.820	607	78	47.24	-333.83	-628.62	16.07	11.45	2.90	3.30	1.54					
09096-4207	1	IND	D	A 44968	10.544	0.029	11.657	0.089	10.410	0.046	137.410	665	85	-42.110	812	73	23.76	-130.82	226.13	3.01	3.37	3.23	3.15	3.31	A	290.03	22.55	-0.01	-0.01
				B 44965	11.689	0.065					137.402	733	99	-42.108	666	74	26.50	-127.34	220.93	21.41	23.47	14.93	14.04	14.72					
09098-2548	1	FCA	A	A 44982	7.316	0.002	7.316	0.006	7.249	0.005	137.440	841	21	-25.803	125	48	3.16	-7.42	8.33	0.75	0.63	0.94	0.74	0.60	A	156.4	1.738		
				B 44982	8.809	0.008	8.666	0.023	8.520	0.026	137.441	056	15	-25.803	567	78	3.16	-7.42	8.33	2.35	1.77	0.94	0.74	0.60					
09099+4502	1	FCA	A	A 45000	10.182	0.014	10.808	0.042	10.027	0.034	137.486	369	64	+45.035	037	36	1.56	-13.37	-20.48	2.65	1.82	2.66	2.46	1.41	A	290.3	3.15		
				B 45000	12.628	0.126					137.485	208	09	+45.035	340	94	1.56	-13.37	-20.48	36.59	28.03	2.66	2.46	1.41					
09099-4411	1	FCA	A	A 44999	8.279	0.006	8.282	0.012	8.219	0.014	137.484	321	77	-44.175	730	78	0.87	-1.81	1.21	1.20	1.26	1.39	1.51	1.26	A	46.3	2.594		
				B 44999	9.058	0.013	8.997	0.015	8.939	0.025	137.485	048	48	-44.175	233	11	0.87	-1.81	1.21	3.64	4.00	1.39	1.51	1.26					
09100-2845	1	FCA	A	A 45003	9.542	0.007					137.488	526	36	-28.755	555	18	15.24	-12.04	-75.40	2.19	3.15	3.09	2.01	3.08					

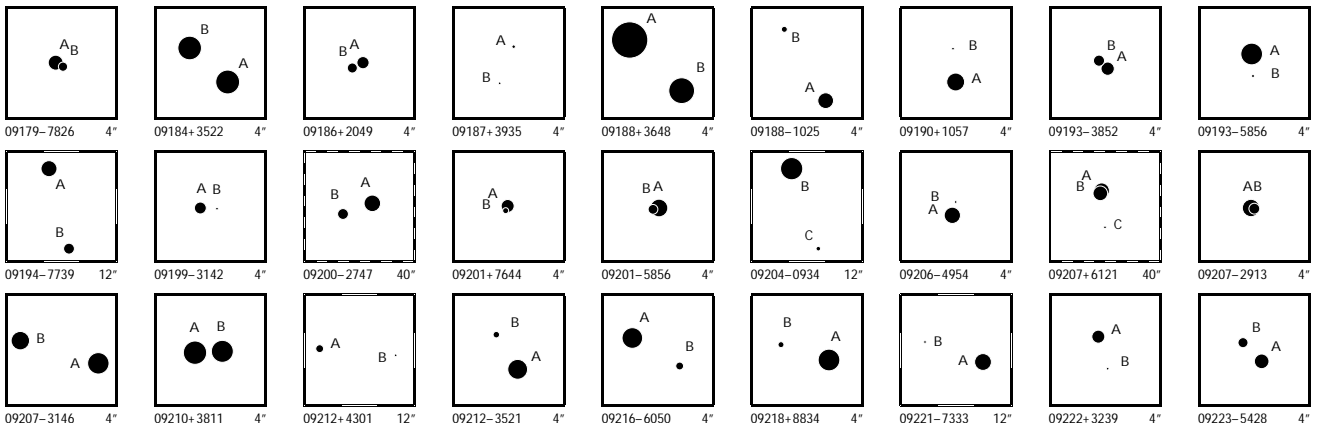
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09115+0017	1	FCA	A 45114 B 45114	6.999 0.004 10.642 0.104	8.602 0.012	6.979 0.007		137.871 882 98 137.872 754 80	+0.291 313 06 +0.291 077 46	3.36 3.36	12.75 -21.71 12.75 -21.71	1.25 1.01 1.13 1.24 0.90 30.81 21.08 1.13 1.24 0.90	A 105.1 3.25													
09115-5758	1	FCB	A 45121 B 45121	6.583 0.004 10.357 0.118	6.434 0.004	6.590 0.005	10.228 0.044 10.097 0.059	137.886 348 45 137.888 039 37	-57.968 422 86 -57.966 332 46	3.14 3.14	-12.93 7.59 -12.93 7.59	0.62 0.63 0.64 0.58 0.60 29.09 22.00 0.64 0.58 0.60	A 23.2 8.19													
09118-4218	1	FCA	A 45139 B 45139	11.211 0.062 11.544 0.084				137.953 876 05 137.953 940 47	-42.295 594 76 -42.295 520 70	10.75 10.75	-218.16 186.16 -218.16 186.16	4.07 5.48 2.32 2.08 2.07 9.01 10.30 2.32 2.08 2.07	A 33 0.32													
09118-6512	1	FCC	A 45140 B 45140	8.195 0.037 11.663 0.912				137.960 512 87 137.960 673 89	-65.192 399 68 -65.192 404 77	2.41 2.41	-15.66 8.39 -15.66 8.39	8.01 1.97 0.77 0.88 0.79 49.04 45.33 0.77 0.88 0.79	A 94 0.24													
09120-3836	1	FCA	A 45154 B 45154	9.592 0.007 11.389 0.034	10.302 0.023	9.398 0.017		137.987 425 07 137.987 401 81	-38.591 610 22 -38.591 300 27	5.49 5.49	-26.83 23.99 -26.83 23.99	1.32 1.45 1.69 1.30 1.38 8.61 12.92 1.69 1.30 1.38	A 356.6 1.12													
09124+2653	1	FCA	A 45178 S 45178	10.388 0.167 11.045 0.306				138.098 224 02 138.098 242 90	+26.879 078 22 +26.879 040 99	3.86 3.86	-22.88 30.27 -22.88 30.27	11.66 11.85 1.58 1.72 0.73 21.05 17.77 1.58 1.72 0.73	A 156 0.15													
09124-0656	1	FND	D A 45180 B 45180	7.716 0.005 11.763 0.212	8.916 0.016	7.665 0.010		138.105 372 41 138.105 538 44	-6.930 590 06 -6.929 804 51	5.31 5.31	-11.43 -10.07 -11.43 -10.07	1.36 1.29 1.34 1.59 1.13 58.83 49.79 1.34 1.59 1.13	A 12 2.89													
09125-4032	1	LCA	A 45191 S 45191	9.319 0.027 9.832 0.043				138.133 053 85 138.132 962 23	-40.531 569 38 -40.531 557 19	8.62 8.62	67.31 -97.07 75.38 -106.03	3.66 2.59 1.04 1.17 1.87 5.30 5.11 1.04 1.80 3.14	A 280 0.255 -2 -0.010													
09125-4337	1	FCA	P A 45189 C 45189	5.949 0.003 6.773 0.036	5.840 0.005 6.641 0.007	5.963 0.004 6.692 0.006		138.127 254 63 138.126 198 77	-43.613 291 76 -43.613 136 75	5.23 5.23	-22.34 12.25 -22.34 12.25	0.61 0.59 0.68 0.68 0.56 1.81 1.82 0.68 0.68 0.56	A 281.46 2.808													
09126+0915	1	FCA	A 45199 B 45199	11.198 0.013 11.489 0.017				138.159 161 92 138.158 972 25	+9.253 135 95 +9.252 976 63	2.93 2.93	-40.58 -7.14 -40.58 -7.14	4.48 2.97 4.45 5.49 2.91 9.80 5.25 4.45 5.49 2.91	A 230 0.88													
09127+1632	1	FCA	A 45201 B 45201	8.383 0.005 8.777 0.007	8.409 0.015 8.794 0.019	8.238 0.016 8.610 0.016		138.167 132 22 138.167 544 39	+16.524 962 14 +16.525 254 37	1.83 1.83	5.02 -6.67 5.02 -6.67	2.98 1.34 3.19 2.76 0.97 3.98 2.20 3.19 2.76 0.97	A 53.5 1.769													
09128+6141	1	IND	D A 45206 B 45208	7.420 0.011 7.823 0.013	7.473 0.005 7.912 0.006	7.351 0.006 7.716 0.008		138.191 386 79 138.197 983 74	+61.675 728 41 +61.681 869 19	9.87 7.95	3.75 6.70 4.67 2.22	2.65 3.88 2.71 1.61 1.95 1.92 2.64 3.21 1.98 2.46	A 27.00 24.812 +0.01 -0.004													
09128-6055	1	LCA	A 45214 S 45214	6.966 0.015 7.265 0.020				138.210 921 94 138.211 036 95	-60.916 829 05 -60.916 796 37	5.90 5.90	-20.41 21.27 -24.42 15.84	2.51 2.60 0.55 1.00 1.28 2.58 2.51 0.55 1.17 1.49	A 60 0.233 +1 -0.006													
09129+1040	1	FCB	A 45221 B 45221	8.220 0.005 11.786 0.141	8.655 0.011	8.150 0.011		138.235 396 24 138.235 818 53	+10.669 431 70 +10.669 705 06	15.91 15.91	-4.12 15.96 -4.12 15.96	1.46 0.76 1.49 1.76 0.77 36.84 22.21 1.49 1.76 0.77	A 57 1.79													
09134+4220	1	ICA	A 45247 B 45244	9.611 0.010 10.841 0.028	10.084 0.024 11.000 0.047	9.487 0.021 10.457 0.045		138.338 230 25 138.335 561 53	+42.329 478 75 +42.326 816 86	3.59 -8.89	26.19 -24.35 32.82 -36.03	3.28 2.91 3.26 2.70 2.42 12.79 11.88 7.05 8.21 7.72	A 216.5 11.93 -0.1 +0.01													
09134+5133	1	FCA	A 45253 B 45253	9.563 0.008 12.167 0.086	10.233 0.034	9.415 0.027		138.346 618 55 138.343 549 47	+51.549 197 43 +51.550 048 60	4.80 4.80	-22.54 2.74 -22.54 2.74	1.50 1.43 1.81 1.71 1.20 23.60 22.50 1.81 1.71 1.20	A 294.0 7.52													
09136+4659	1	LCA	A 45274 B 45274	7.886 0.004 9.513 0.018	8.382 0.010 9.933 0.030	7.837 0.009 9.176 0.024		138.411 584 14 138.410 721 76	+46.990 394 12 +46.989 924 35	16.59 16.59	14.00 -1.82 30.58 -6.89	1.36 1.03 1.40 1.20 0.79 7.22 5.21 1.40 4.65 3.03	A 231.4 2.710 -0.3 -0.010													
09136-3224	1	FND	D A 45269 B 45269	8.930 0.008 12.869 0.288	10.066 0.022	8.872 0.013		138.389 737 13 138.388 599 14	-32.403 983 90 -32.401 680 74	4.47 4.47	-3.46 0.18 -3.46 0.18	1.14 1.31 1.60 1.20 1.32 64.22 77.23 1.60 1.20 1.32	A 337.4 8.98													
09137+6959	1	FCA	A 45284 B 45284	9.424 0.009 9.621 0.011				138.438 368 55 138.437 468 29	+69.979 846 77 +69.979 894 44	4.16 4.16	0.99 -24.05 0.99 -24.05	1.93 2.20 2.86 1.90 2.27 4.20 3.71 2.86 1.90 2.27	A 278.8 1.12													
09138+4443	1	FCC	A 45294 B 45294	10.497 0.202 12.402 1.166				138.456 136 46 138.456 088 30	+44.723 602 37 +44.723 571 42	2.96 2.96	-8.88 -17.27 -8.88 -17.27	8.07 18.60 1.78 1.53 1.03 117.81 77.53 1.78 1.53 1.03	A 228 0.17													
09139-6117	1	FCA	A 45296 B 45296	7.045 0.004 9.991 0.058				138.466 416 06 138.466 675 29	-61.279 800 51 -61.279 829 81	2.77 2.77	-10.98 9.74 -10.98 9.74	0.90 0.67 0.69 0.70 0.59 10.74 10.37 0.69 0.70 0.59	A 103 0.46													
09140+2611	1	FCA	A 45304 B 45304	9.365 0.009 11.719 0.071	10.495 0.040	9.341 0.024		138.502 053 53 138.501 362 64	+26.176 419 41 +26.179 557 00	4.76 4.76	-89.86 -34.27 -89.86 -34.27	2.28 1.74 2.30 2.23 1.18 25.71 14.04 2.30 2.23 1.18	A 348.8 11.51													
09142-5021	1	ICB	A 45319 B 45321	8.939 0.007 9.005 0.008	9.001 0.017 9.058 0.015	8.846 0.020 8.939 0.018		138.544 481 52 138.546 755 30	-50.348 694 68 -50.341 725 77	2.62 -0.86	-15.55 12.41 -17.97 13.77	1.60 1.81 1.57 1.66 1.56 4.94 5.18 4.02 5.18 4.36	A 11.76 25.626 -0.01 +0.001													
09144+5241	1	ICA	A 45343 B 120005	7.780 0.073 7.966 0.082	9.388 0.030	7.791 0.016		138.601 122 18 138.609 130 08	+52.687 992 70 +52.687 971 18	161.59 159.48	-1533.58 -562.80 -1551.30 -656.25	5.39 4.71 5.23 6.79 3.98 20.29 14.14 6.61 15.57 8.78	A 90.25 17.47 +0.31 -0.02													
09144-3233	1	FCC	A 45335 B 45335	6.809 0.003 10.681 0.106	7.963 0.009	6.736 0.005		138.589 368 57 138.589 871 39	-32.556 847 01 -32.556 863 53	6.75 6.75	7.97 -38.97 7.97 -38.97	0.57 0.61 0.79 0.60 0.63 26.70 24.06 0.79 0.60 0.63	A 92 1.53													
09146-7518	1	FCA	A 45356 B 45356	8.971 0.037 10.643 0.174				138.644 963 10 138.644 821 82	-75.295 110 67 -75.295 164 88	11.95 11.95	-18.82 -56.19 -18.82 -56.19	3.34 3.96 0.91 0.98 0.88 14.45 13.56 0.91 0.98 0.88	A 213 0.23													
09149+0413	1	FCA	A 45376 B 45376	8.206 0.007 10.035 0.037	9.297 0.020	8.053 0.013		138.714 247 73 138.714 725 33	+4.210 678 97 +4.210 863 18	2.25 2.25	43.93 -46.95 43.93 -46.95	1.92 1.04 1.77 1.97 1.02 9.40 8.23 1.77 1.97 1.02	A 68.9 1.84													



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09149-0845	1	IND	D	A 45380 B 45381	7.294 0.012 10.445 0.155	7.325 0.006 11.069 0.088	7.285 0.008 10.595 0.088		138.721 078 84 138.723 016 25	-8.757 921 87 -8.750 819 56	1.26 -18.60	3.27 -8.65 3.89 -26.48	2.09 2.02 1.74 2.65 1.72 44.04 36.97 23.90 39.35 26.72	A	15.1	26.48	0.0	-0.02							
09150-2007	1	F CA	A	A 45393 B 45393	7.528 0.004 9.435 0.024	7.577 0.005 9.458 0.020	7.490 0.006 9.103 0.018		138.757 319 60 138.757 298 63	-20.120 278 39 -20.120 972 84	4.97 4.97	-10.76 6.51 -10.76 6.51	0.86 0.72 1.12 1.20 0.80 5.38 5.79 1.12 1.20 0.80	A	181.6	2.50									
09150-3736	1	F CA	A	A 45386 B 45386	6.245 0.069 7.776 0.284				138.738 188 74 138.738 201 65	-37.602 359 45 -37.602 394 29	5.20 5.20	4.08 -12.26 4.08 -12.26	2.07 4.91 0.57 0.36 0.39 9.88 13.45 0.57 0.36 0.39	A	164	0.13									
09151-3022	1	F CA	A	A 45394 B 45394	7.885 0.003 9.837 0.019	7.810 0.006	7.765 0.007		138.765 626 28 138.765 904 25	-30.367 116 87 -30.367 289 15	5.31 5.31	-10.08 6.74 -10.08 6.74	0.76 0.79 1.18 0.82 0.76 5.16 5.98 1.18 0.82 0.76	A	125.7	1.06									
09151-4622	1	F CA	B	A 45396 A 45396	9.946 0.006 9.986 0.006				138.771 928 23 138.771 711 70	-46.367 790 69 -46.368 166 77	3.42 3.42	-8.10 21.29 -8.10 21.29	2.18 2.60 1.85 1.96 1.57 3.14 3.63 1.85 1.96 1.57	B	201.7	1.46									
09152-4533	1	L CA	A	A 45413 B 45413	6.595 0.002 7.600 0.006				138.811 005 25 138.810 715 90	-45.555 493 46 -45.555 422 66	1.80 1.80	-7.90 -2.00 -5.55 0.38	0.70 0.69 0.71 0.64 0.55 1.90 2.17 0.71 1.14 1.09	A	289.3	0.773	+0.2	-0.001							
09153+0531	1	F CC	A	A 45420 B 45420	9.176 0.025 11.541 0.187	10.080 0.028	9.155 0.020		138.830 019 12 138.835 320 72	+5.515 453 28 +5.515 823 17	0.51 0.51	12.17 -47.55 12.17 -47.55	2.03 1.51 2.40 3.52 1.71 78.97 49.10 2.40 3.52 1.71	A	86.0	19.04									
09153-3006	1	L NC	A	A 45414 B 45414	10.173 0.009 12.424 0.068	10.878 0.038	10.102 0.030		138.813 940 11 138.815 370 06	-30.106 051 68 -30.108 346 77	11.42 11.42	-197.43 195.99 12.95 4.25	1.55 1.66 2.11 1.51 1.43 21.24 22.06 2.11 13.67 11.87	A	151.7	9.39	-0.6	+0.27							
09155+2755	1	L CA	A	A 45430 B 45430	8.872 0.009 10.567 0.042	9.270 0.016 10.844 0.072	8.759 0.015 10.316 0.073		138.886 111 94 138.887 552 17	+27.914 847 01 +27.916 018 23	5.27 5.27	20.15 -30.05 -50.08 -11.64	3.67 2.59 3.00 3.49 1.64 29.27 15.40 3.00 19.81 6.23	A	47.4	6.23	-0.6	-0.04							
09160-5702	1	F CA	A	A 45477 B 45477	9.065 0.127 10.524 0.487				139.005 733 45 139.005 701 49	-57.025 721 57 -57.025 679 67	6.11 6.11	-16.53 33.96 -16.53 33.96	4.44 10.45 0.86 0.84 0.73 26.02 29.66 0.86 0.84 0.73	A	337	0.16									
09161-0821	1	F CA	A	A 45482 B 45482	7.900 0.010 8.335 0.014	8.012 0.043	7.623 0.042		139.018 454 71 139.018 285 87	-8.350 358 50 -8.350 754 89	6.19 6.19	-43.54 0.33 -43.54 0.33	2.16 2.11 1.97 2.55 2.03 6.47 4.47 1.97 2.55 2.03	A	202.9	1.549									
09163-2308	1	F CA	A	A 45502 B 45502	8.653 0.005 9.468 0.011	8.775 0.009 9.783 0.047	8.486 0.010 9.524 0.061		139.078 323 74 139.079 152 90	-23.129 998 93 -23.130 412 72	7.91 7.91	-1.42 -6.51 -1.42 -6.51	1.17 1.13 1.82 1.26 1.28 3.47 3.36 1.82 1.26 1.28	A	118.5	3.123									
09167-5645	1	F CA	A	A 45531 B 45531	8.535 0.059 8.633 0.064				139.181 189 26 139.181 151 08	-56.750 097 06 -56.750 143 72	2.78 2.78	-25.20 12.65 -25.20 12.65	3.99 5.49 0.67 0.66 0.62 3.80 4.93 0.67 0.66 0.62	A	204	0.184									
09168-2157	1	F CA	A	A 45535 C 45535	8.243 0.005 11.190 0.080				139.210 238 74 139.210 083 97	-21.954 510 34 -21.954 520 94	2.38 2.38	-13.93 4.58 -13.93 4.58	1.39 1.03 1.31 1.18 0.95 16.70 22.86 1.31 1.18 0.95	A	266	0.52									
09168-4252	1	F CA	A	A 45534 B 45534	10.577 0.009 10.924 0.013				139.205 482 59 139.205 300 95	-42.869 523 37 -42.869 730 97	3.08 3.08	-3.62 3.23 -3.62 3.23	2.56 2.55 3.08 3.18 2.76 5.36 4.56 3.08 3.18 2.76	A	212.7	0.888									
09169+1226	1	F CB	A	A 45538 B 45538	11.668 0.207 12.104 0.308				139.222 358 77 139.222 342 21	+12.438 993 87 +12.438 954 30	-1.73 -1.73	14.51 -10.27 14.51 -10.27	10.39 14.10 2.27 2.81 1.48 19.04 26.26 2.27 2.81 1.48	A	202	0.15									
09169+3702	1	F CB	A	A 45536 B 45536	8.707 0.008 12.453 0.249	9.004 0.018	8.633 0.018		139.213 120 16 139.213 998 70	+37.038 454 74 +37.037 326 11	6.64 6.64	-29.78 -18.78 -29.78 -18.78	1.45 1.21 1.49 1.57 0.89 49.16 42.18 1.49 1.57 0.89	A	148	4.78									
09171+4040	1	F CA	A	A 45553 B 45553	10.524 0.060 11.229 0.114				139.265 293 95 139.265 256 69	+40.672 268 17 +40.672 340 12	6.07 6.07	-26.71 -1.19 -26.71 -1.19	6.01 8.63 2.34 2.58 1.68 14.87 14.95 2.34 2.58 1.68	A	339	0.28									
09173+2339	1	F CA	A	A 45574 B 45574	8.038 0.005 8.361 0.007	8.426 0.014 8.786 0.024	7.901 0.011 8.209 0.022		139.330 181 52 139.331 009 16	+23.652 877 86 +23.654 330 35	15.01 15.01	-46.05 -66.89 -46.05 -66.89	1.71 1.03 1.67 1.75 0.80 4.25 2.23 1.67 1.75 0.80	A	27.56	5.898									
09173-5305	1	IND	W	A 45570 B 45567	10.846 0.052 12.329 0.161	11.549 0.117	10.745 0.085		139.319 680 00 139.312 014 94	-53.084 871 31 -53.080 939 13	-1.70 20.46	1.36 0.47 9.24 8.07	4.25 4.14 3.78 3.92 3.66 50.83 47.97 26.68 29.52 26.49	A	310.5	21.80	0.0	0.00							
09173-6841	1	F CC	A	A 45571 B 45571	5.760 0.191 7.129 0.676				139.322 513 61 139.322 461 08	-68.689 567 73 -68.689 589 45	29.83 29.83	-109.18 -28.45 -109.18 -28.45	9.20 5.98 0.60 0.69 0.59 20.51 29.00 0.60 0.69 0.59	A	221	0.10									
09174-7023	1	F CA	A	A 45582 B 45582	9.296 0.007 9.778 0.011	9.724 0.023 10.308 0.039	9.198 0.022 9.636 0.033		139.358 494 28 139.357 309 36	-70.389 004 45 -70.387 832 39	9.49 9.49	-11.79 13.92 -11.79 13.92	1.75 1.74 1.64 2.18 1.94 4.50 3.42 1.64 2.18 1.94	A	341.3	4.456									
09174-7454	1	F NC	G	A 45581 B 45581 C 45581	5.740 0.013 6.595 0.029 9.472 0.183	9.916 0.098	9.553 0.091		139.355 140 94 139.354 841 02 139.352 947 39	-74.894 388 72 -74.894 393 59 -74.892 486 23	4.52 4.52 4.52	-16.33 31.85 -16.33 31.85 -16.33 31.85	0.87 0.68 0.64 0.66 0.56 3.45 2.82 0.64 0.66 0.56 30.14 31.23 0.64 0.66 0.56	A	266	0.282									
09175+7715	1	F ND	D	A 45593 B 45593	10.903 0.011 10.917 0.011				139.388 764 61 139.388 990 98	+77.244 702 29 +77.244 509 19	36.74 36.74	-1067.29 -0.91 -1067.29 -0.91	2.98 3.60 3.39 3.43 3.87 5.06 5.09 3.39 3.43 3.87	A	165	0.718									
09175-6633	1	F CA	A	A 45587 B 45587	9.541 0.031 9.760 0.037				139.367 905 65 139.368 091 15	-66.557 642 15 -66.557 629 91	8.81 8.81	19.13 -9.73 19.13 -9.73	4.24 2.57 0.99 1.31 0.89 5.29 4.28 0.99 1.31 0.89	A	81	0.269									
09176+7949	1	F CA	A	A 45586 B 45586	10.725 0.013 11.012 0.016				139.367 166 78 139.367 231 79	+79.810 434 80 +79.810 865 37	1.56 1.56	-14.16 -15.56 -14.16 -15.56	2.41 2.29 2.65 2.96 2.40 5.70 4.74 2.65 2.96 2.40	A	1.5	1.55									
09179-6948	1	I CA	A	A 45620 B 45622	8.172 0.006 8.537 0.008	8.170 0.013 8.578 0.024	8.144 0.015 8.528 0.030		139.479 178 85 139.481 859 26	-69.804 688 37 -69.801 952 81	1.44 3.77	-4.17 4.71 -12.53 8.73	2.16 2.22 1.80 2.55 2.08 3.97 3.75 2.68 3.59 2.85	A	18.69	10.396	-0.05	+0.001							

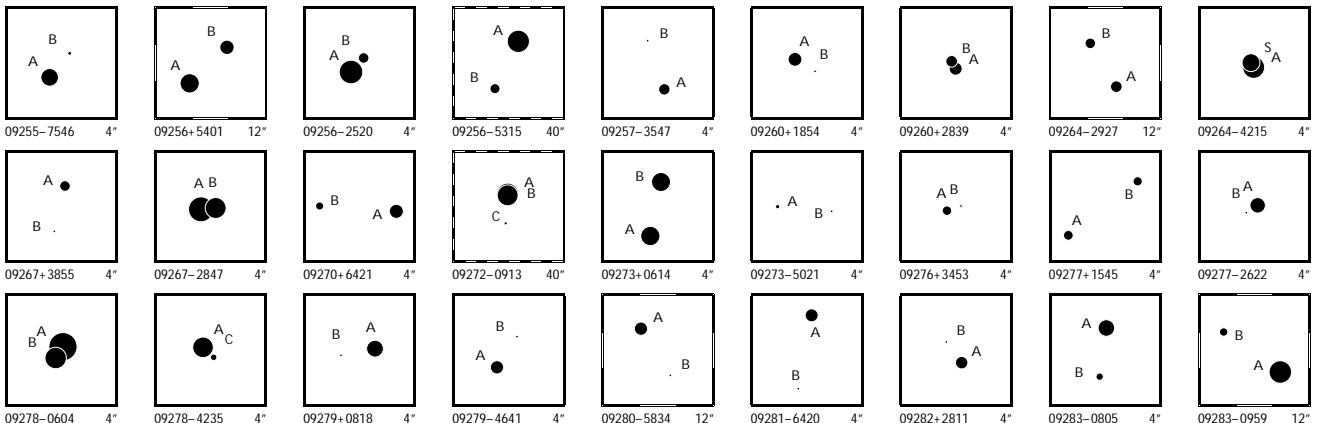


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H ρ	σ	B τ	σ	V τ	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09179-7826	1	FCA	A 45619 B 45619	8.681 0.010 9.947 0.033								139.472 782 34 139.472 393 27	-78.428 330 59 -78.428 375 47	7.19 7.19	20.48 20.48	-17.50 -17.50	1.84 5.74	1.73 6.16	0.83 0.83	0.88 0.88	0.81 0.81	A	240		0.32	
09184+3522	1	LCA	A 45661 B 45661	6.702 0.004 6.777 0.004	6.464 0.067	6.269 0.067						139.608 099 65 139.608 581 60	+35.364 125 74 +35.364 473 00	6.46 6.46	-48.17 -41.49	-18.99 -17.28	4.03 4.30	1.90 2.36	2.67 2.67	3.44 3.66	1.06 1.26	A	48.5	1.888	+0.1	+0.006
09186+2049	1	FCA	A 45671 B 45671	9.270 0.014 9.759 0.022								139.651 055 62 139.651 169 78	+20.813 842 90 +20.813 786 55	8.05 8.05	-5.55 -5.55	-50.07 -50.07	3.09 6.02	1.61 2.84	2.45 2.45	2.59 2.59	1.20 1.20	A	117.8		0.43	
09187+3935	1	FCB	A 45674 B 45674	11.219 0.021 12.636 0.076	12.027 0.215	10.987 0.143						139.666 154 40 139.666 349 93	+39.581 437 52 +39.581 070 97	5.44 5.44	-9.37 -9.37	-42.24 -42.24	5.73 62.02	3.73 43.79	5.25 5.25	7.09 7.09	3.11 3.11	A	158		1.43	
09188+3648	1	FCA	A 45688 B 45688	3.948 0.003 6.300 0.029	3.987 0.005	3.929 0.007						139.711 113 94 139.710 439 02	+36.802 897 63 +36.802 381 68	26.75 26.75	-32.61 -32.61	-123.78 -123.78	0.81 11.43	0.68 5.32	0.81 0.81	0.80 0.80	0.52 0.52	A	226.3		2.69	
09188-1025	1	FCA	A 45680 B 45680	8.494 0.005 10.659 0.036	8.685 0.011 10.326 0.059	8.457 0.011 9.791 0.052						139.690 427 72 139.690 858 87	-10.413 354 20 -10.412 615 69	7.22 7.22	-20.04 -20.04	1.38 1.38	1.41 13.46	1.09 8.29	1.52 1.52	1.57 1.57	1.01 1.01	A	29.9		3.07	
09190+1057	1	FCB	A 45700 B 45700	8.053 0.008 11.415 0.180	8.143 0.009	8.007 0.010						139.746 347 31 139.746 378 20	+10.949 887 87 +10.950 230 44	5.24 5.24	-12.47 -12.47	1.98 1.98	2.05 47.95	1.48 48.79	1.99 1.99	2.65 2.65	1.35 1.35	A	5		1.24	
09193-3852	1	FCA	A 45725 B 45725	9.058 0.009 9.567 0.015								139.826 013 30 139.826 117 07	-38.864 574 11 -38.864 487 04	5.09 5.09	2.81 2.81	11.55 11.55	1.84 3.71	2.00 4.21	1.94 1.94	1.47 1.47	1.54 1.54	A	43		0.428	
09193-5856	1	FCC	A 45726 B 45726	7.176 0.004 11.316 0.166								139.833 088 46 139.833 051 56	-58.929 345 28 -58.929 568 29	19.14 19.14	23.35 23.35	-2.23 -2.23	0.81 49.80	0.80 49.24	0.86 0.86	0.76 0.76	0.75 0.75	A	185		0.81	
09194-7739	1	FCA	A 45734 B 45734	8.462 0.007 9.610 0.021	9.175 0.024 10.321 0.064	8.399 0.019 9.376 0.043						139.854 000 60 139.851 135 43	-77.643 603 16 -77.646 034 00	13.75 13.75	-107.36 -107.36	70.40 70.40	1.25 5.62	1.26 4.87	1.25 1.25	1.31 1.31	1.15 1.15	A	194.15		9.03	
09199-3142	1	FCB	A 45759 B 45759	9.331 0.026 12.402 0.439								139.967 712 82 139.967 514 37	-31.692 392 18 -31.692 399 35	13.99 13.99	-108.50 -108.50	47.81 47.81	3.91 29.17	2.44 37.28	3.00 3.00	2.26 2.26	2.21 2.21	A	268		0.61	
09200-2747	1	LCA	A 45769 B 45773	8.315 0.007 9.609 0.020	8.313 0.008 9.604 0.021	8.264 0.010 9.479 0.027						139.993 067 40 139.996 498 47	-27.776 425 78 -27.777 600 83	0.06 5.58	-19.02 -18.99	6.55 7.03	1.93 7.39	1.96 7.57	2.15 6.75	2.09 6.87	2.09 6.64	A	111.16	11.72	0.00	0.00
09201+7644	1	FCC	A 45785 B 45785	9.110 0.252 10.672 1.063								140.026 827 50 140.026 926 75	+76.738 013 69 +76.737 969 90	2.21 2.21	-4.23 -4.23	-2.67 -2.67	15.89 42.28	16.06 89.81	1.00 1.00	0.97 0.97	0.86 0.86	A	153		0.18	
09201-5856	1	FCA	A 45787 B 45787	8.095 0.038 9.815 0.184								140.029 782 01 140.029 890 01	-58.934 231 75 -58.934 239 14	4.78 4.78	-14.77 -14.77	12.99 12.99	4.42 13.72	1.92 9.91	0.76 0.76	0.63 0.63	0.62 0.62	A	98		0.20	
09204-0934	1	FND	D 45802 C 45802	7.070 0.004 10.990 0.151	7.441 0.006	7.014 0.007						140.087 570 14 140.086 743 49	-9.610 102 53 -9.612 548 42	16.16 16.16	-14.57 -14.57	-30.04 -30.04	1.10 51.41	0.80 33.72	1.14 1.14	1.21 1.21	0.78 0.78	B	198.4		9.28	
09206-4954	1	FCB	A 45819 B 45819	8.383 0.006 11.866 0.146								140.138 020 91 140.137 965 33	-49.907 228 38 -49.907 088 99	4.09 4.09	-20.53 -20.53	4.12 4.12	1.24 36.16	1.47 35.64	1.15 1.15	1.38 1.38	1.09 1.09	A	346		0.52	
09207+6121	1	FCA	G 45840 B 45840 C 45840	8.595 0.019 8.768 0.022 11.591 0.219								140.191 769 47 140.192 021 28 140.190 950 18	+61.349 566 03 +61.349 331 84 +61.345 832 68	4.44 4.44 4.44	-12.38 -12.38 -12.38	5.63 5.63 5.63	2.28 5.31 22.78	2.66 5.65 30.90	4.31 4.31 4.31	2.88 2.88 2.88	2.79 2.79 2.79	A	152.7	0.95		
09207-2913	1	FCA	A 45834 B 45834	8.189 0.112 9.613 0.417								140.175 950 50 140.175 911 02	-29.219 806 38 -29.219 808 21	3.94 3.94	1.31 1.31	-3.59 -3.59	5.99 26.33	5.86 21.80	0.85 0.85	0.66 0.66	0.65 0.65	A	267		0.12	
09207-3146	1	FCA	A 45837 B 45837	7.286 0.003 7.946 0.006	7.215 0.010 7.895 0.013	7.222 0.010 7.813 0.013						140.184 684 23 140.185 923 90	-31.760 221 16 -31.759 992 70	5.15 5.15	-19.66 -19.66	2.69 2.69	0.93 1.86	0.82 1.76	1.14 1.14	0.92 0.92	0.76 0.76	A	74.04		2.992	
09210+3811	1	LCA	A 45858 B 45858	6.813 0.005 7.124 0.007								140.247 519 37 140.247 157 32	+38.188 310 27 +38.188 320 89	20.91 20.91	-43.49 -43.58	-20.01 8.24	1.47 2.32	1.29 2.13	1.49 1.49	1.48 2.14	0.86 1.22	A	272.1	1.025	+1.6	+0.001
09212+4301	1	FCB	A 45871 B 45871	10.253 0.008 13.028 0.102	10.762 0.036	10.158 0.032						140.301 231 17 140.298 072 81	+43.018 697 34 +43.018 517 52	3.01 3.01	4.97 4.97	5.89 5.89	2.03 36.23	1.76 39.51	2.59 2.59	1.72 1.72	1.57 1.57	A	265.5		8.34	
09212-3521	1	FCA	A 45868 B 45868	7.598 0.005 10.570 0.074	7.923 0.006	7.513 0.006						140.293 307 63 140.293 572 67	-35.357 251 01 -35.356 889 49	6.39 6.39	-51.25 -51.25	9.11 9.11	0.70 15.70	0.80 17.50	1.04 1.04	0.63 0.63	0.76 0.76	A	31		1.52	
09216-6050	1	FCA	A 45905 B 45905	7.461 0.003 10.273 0.042	7.427 0.006	7.427 0.009						140.393 037 07 140.392 044 22	-60.830 517 35 -60.830 807 66	3.24 3.24	-12.99 -12.99	-0.31 -0.31	0.75 9.10	0.70 9.20	0.74 0.74	0.73 0.73	0.69 0.69	A	239.0		2.03	
09218+8834	1	FCA	A 45919 B 45919	7.187 0.003 10.676 0.073	7.303 0.005	7.144 0.006						140.453 428 94 140.472 985 33	+88.570 305 62 +88.570 463 57	7.96 7.96	-12.02 -12.02	16.51 16.51	0.72 24.27	0.70 24.42	0.75 0.75	0.78 0.78	0.72 0.72	A	72		1.85	
09221-7333	1	FCA	A 45940 B 45940	8.265 0.004 11.859 0.113	8.973 0.012	8.189 0.010						140.525 575 13 140.531 892 10	-73.543 078 17 -73.542 489 76	27.25 27.25	-33.00 -33.00	-110.77 -110.77	0.86 30.54	0.89 35.43	0.91 0.91	0.83 0.83	0.90 0.90	A	71.8		6.78	
09222+3239	1	FND	D 45946 B 45946	9.103 0.013 12.785 0.389	10.240 0.038	9.075 0.023						140.549 126 45 140.549 008 55	+32.650 471 86 +32.650 147 97	-2.13 -2.13	1.78 1.78	-1.00 -1.00	1.87 73.87	1.56 68.06	1.94 1.94	1.97 1.97	1.13 1.13	A	197		1.22	
09223-5428	1	LCA	A 45952 B 45952	8.753 0.005 9.787 0.012								140.579 702 52 140.580 036 20	-54.465 493 54 -54.465 302 38	14.86 14.86	23.21 9.12	113.91 126.15	1.15 4.02	1.13 3.79	1.10 1.10	0.94 2.83	0.92 2.44	A	45.4	0.980	-1.1	-0.001

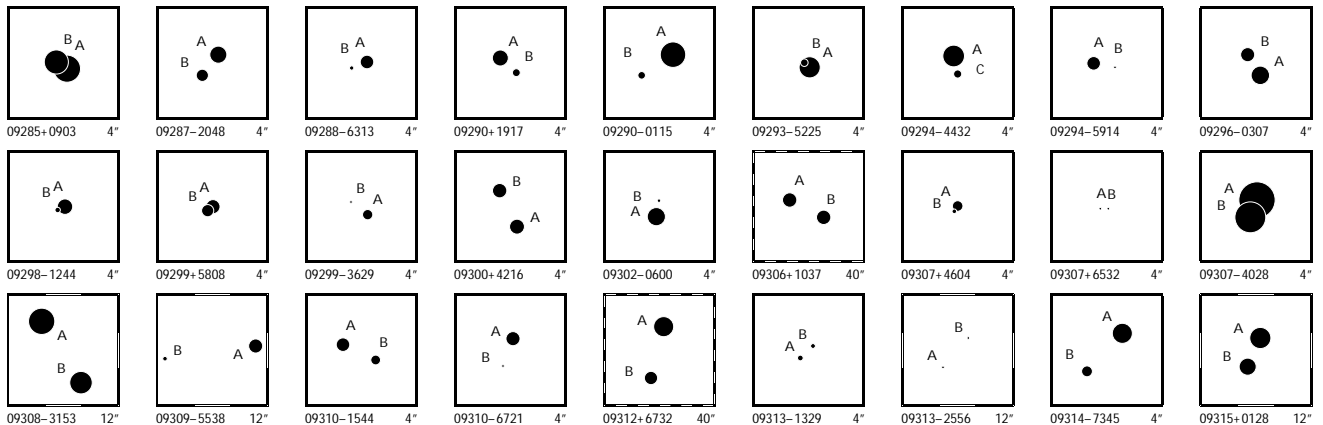


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
09225-0105	1	F CA	A 45972	8.741	0.008	8.808	0.015	8.656	0.017	140.633 537 49	-1.075 709 85	1.67	-2.32	-10.37	2.72	1.33	1.87	2.66	1.44								
			B 45972	11.108	0.066						140.633 847 68	-1.076 102 88	1.67	-2.32	-10.37	17.20	10.49	1.87	2.66	1.44	A	141.7	1.80				
09225-0828	1	F CA	A 45973	8.571	0.005	8.948	0.013	8.501	0.012	140.633 948 04	-8.464 738 62	3.14	-3.44	-53.82	1.51	1.18	1.72	1.70	1.14								
			B 45973	11.004	0.040						140.634 990 29	-8.464 083 55	3.14	-3.44	-53.82	14.94	15.33	1.72	1.70	1.14	A	57.6	4.40				
09225-1754	1	F ND D	A 45968	7.052	0.004	7.407	0.007	6.999	0.007	140.622 481 55	-17.893 972 72	9.49	-30.96	-21.67	1.08	0.80	1.09	1.16	0.76								
			B 45968	10.413	0.090	10.597	0.058	10.176	0.061		140.621 886 52	-17.891 417 38	9.49	-30.96	-21.67	20.90	18.34	1.09	1.16	0.76	A	347.5	9.42				
09226+4933	1	F CA	A 45974	7.092	0.004	7.010	0.006	7.078	0.007	140.634 250 39	+49.544 838 75	6.21	-23.18	-6.81	1.00	0.95	1.18	1.09	0.77								
			B 45974	9.173	0.026	9.186	0.025	8.987	0.029		140.632 488 26	+49.546 151 63	6.21	-23.18	-6.81	7.52	8.08	1.18	1.09	0.77	A	318.9	6.27				
09226+5036	1	I NB	A 45982	9.209	0.037	9.859	0.026	9.005	0.020	140.656 353 04	+50.603 704 44	17.13	46.98	6.92	5.62	4.77	5.77	6.32	3.99								
			B 45983	9.394	0.040	10.090	0.031	9.152	0.023		140.665 366 76	+50.603 848 45	9.51	42.80	8.26	12.54	10.75	8.76	9.23	5.88	B	88.55	20.59	0.00	0.00		
09228-0950	1	F CA P	A 45999	6.991	0.096					140.711 963 41	-9.838 772 39	7.20	-28.31	-14.74	4.05	6.04	0.80	0.78	0.54								
			S 45999	7.839	0.209						140.711 985 72	-9.838 740 82	7.20	-28.31	-14.74	8.18	10.45	0.80	0.78	0.54	A	35	0.14				
09229-1530	1	F CA	A 46002	8.526	0.015	8.966	0.016	8.380	0.015	140.735 908 97	-15.495 665 53	12.47	90.27	-62.49	1.98	1.36	2.05	1.98	1.30								
			B 46002	10.391	0.058						140.733 866 95	-15.495 539 49	12.47	90.27	-62.49	12.86	13.61	2.05	1.98	1.30	A	273.7	7.10				
09231+1410	1	F CB	A 46019	9.751	0.011	10.620	0.050	9.674	0.035	140.777 150 34	+14.167 591 35	16.16	181.79	-70.87	2.45	1.52	2.43	2.86	1.60								
			B 46019	12.711	0.166						140.778 110 90	+14.168 198 90	16.16	181.79	-70.87	51.20	32.31	2.43	2.86	1.60	A	57	4.00				
09231+2218	1	F CA	A 46018	9.756	0.012	11.077	0.057	9.791	0.029	140.776 716 45	+22.306 111 22	27.90	-126.23	-178.72	2.71	1.59	2.94	3.42	1.38								
			B 46018	11.480	0.056						140.776 066 68	+22.308 317 69	27.90	-126.23	-178.72	14.33	10.82	2.94	3.42	1.38	A	344.8	8.23				
09233+0330	1	I CA	A 46029	7.377	0.022	7.691	0.009	7.333	0.007	140.815 851 77	+3.501 351 48	11.48	-74.36	14.81	3.01	1.85	2.07	2.75	1.75								
			B 46028	8.292	0.038	8.740	0.017	8.302	0.017		140.811 418 39	+3.505 256 93	11.91	-82.10	13.90	20.35	13.33	7.18	9.26	6.11	A	311.43	21.25	-0.02	+0.01		
09234-6447	1	F CB	A 46035	9.450	0.007	10.646	0.035	9.408	0.020	140.840 131 59	-64.780 809 41	2.41	2.54	-6.74	1.78	1.76	1.79	1.97	1.74								
			B 46035	12.430	0.110						140.841 151 16	-64.782 501 48	2.41	2.54	-6.74	38.29	55.93	1.79	1.97	1.74	A	165.6	6.29				
09235+3908	1	F CA	A 46052	9.115	0.008	9.517	0.030	9.044	0.030	140.868 230 61	+39.134 812 73	7.52	-20.06	-30.26	2.78	2.21	2.43	3.76	1.88								
			B 46052	9.692	0.014	10.141	0.059	9.492	0.054		140.869 560 98	+39.134 534 54	7.52	-20.06	-30.26	6.44	5.49	2.43	3.76	1.88	A	105.1	3.85				
09238+3825	1	F CA	A 46079	10.525	0.011	10.641	0.051	10.218	0.055	140.956 341 08	+38.420 555 17	3.46	10.96	-8.59	4.44	3.31	3.73	5.87	2.92								
			B 46079	10.592	0.012	10.778	0.062	10.436	0.067		140.956 857 28	+38.421 768 73	3.46	10.96	-8.59	7.40	5.54	3.73	5.87	2.92	A	18.4	4.61				
09238-2340	1	F CA	A 46078	8.126	0.004	8.532	0.009	8.050	0.008	140.951 720 60	-23.658 902 94	11.48	-58.79	5.30	0.87	0.73	1.15	0.95	0.80								
			B 46078	10.796	0.046	11.289	0.133	10.565	0.110		140.951 846 98	-23.657 617 80	11.48	-58.79	5.30	8.42	8.84	1.15	0.95	0.80	A	5.1	4.65				
09239+2754	1	F CA	A 46088	8.540	0.007	8.825	0.012	8.319	0.012	140.977 286 23	+27.898 578 92	6.49	-4.95	-43.04	2.02	1.16	1.78	1.94	0.97								
			B 46088	9.671	0.018						140.977 089 52	+27.898 264 85	6.49	-4.95	-43.04	9.22	3.40	1.78	1.94	0.97	A	209.0	1.29				
09239+6743	1	F CA	A 46086	9.236	0.009	10.435	0.023	9.155	0.013	140.968 512 02	+67.710 057 12	0.37	-12.41	6.15	1.22	1.52	1.92	1.19	1.53								
			B 46086	11.576	0.074						140.966 944 73	+67.709 619 93	0.37	-12.41	6.15	13.44	15.53	1.92	1.19	1.53	A	233.7	2.66				
09243-3926	1	F CA	A 46114	6.699	0.088					141.067 819 46	-39.425 452 73	6.29	12.96	-26.01	3.42	5.75	0.54	0.36	0.42								
			S 46114	7.068	0.124						141.067 812 14	-39.425 420 49	6.29	12.96	-26.01	4.61	5.93	0.54	0.36	0.42	A	350	0.118				
09245+0621	1	F NB	A 46134	7.607	0.008					141.119 477 82	+6.350 191 31	19.63	-173.09	-32.46	1.91	1.61	1.70	2.05	1.53								
			B 46134	7.622	0.008	7.919	0.070	7.423	0.075		141.119 093 69	+6.350 587 07	19.63	-173.09	-32.46	2.44	1.91	1.70	2.05	1.53	A	316.0	1.980				
09245+1808	1	L CA	A 46137	7.841	0.006					141.130 126 94	+18.141 461 11	6.10	-32.52	-34.10	1.88	1.41	1.47	1.57	0.92								
			B 46137	8.371	0.009						141.130 088 07	+18.141 568 31	6.10	-32.52	-34.10	3.97	2.55	1.47	2.30	1.13	A	341.0	0.408	+1.3	-0.002		
09246-7025	1	F CA	A 46145	7.922	0.004	7.884	0.008	7.917	0.009	141.161 165 63	-70.409 961 67	3.06	-5.60	8.72	0.85	0.86	0.81	0.93	0.85								
			B 46145	10.106	0.032	9.826	0.039	9.517	0.032		141.162 691 42	-70.410 486 67	3.06	-5.60	8.72	7.81	6.45	0.81	0.93	0.85	A	135.7	2.64				
09247+2641	1	F CA	A 46153	8.815	0.012					141.183 489 35	+26.683 195 66	4.27	-9.10	-14.20	2.54	2.61	1.63	1.78	0.78								
			D 46153	10.935	0.086						141.183 490 19	+26.683 113 33	4.27	-9.10	-14.20	17.96	10.38	1.63	1.78	0.78	A	179	0.30				
09247-6055	1	F FD D	A 46151	9.270	0.009	10.025	0.024	9.180	0.019	141.177 489 01	-60.922 475 01	14.09	136.84	-149.57	2.15	2.10	2.37	1.82	1.85								
			B 46151	12.175	0.129						141.178 098 32	-60.922 164 67	14.09	136.84	-149.57	55.61	64.22	2.37	1.82	1.85	A	44	1.54				
09249+5134																											

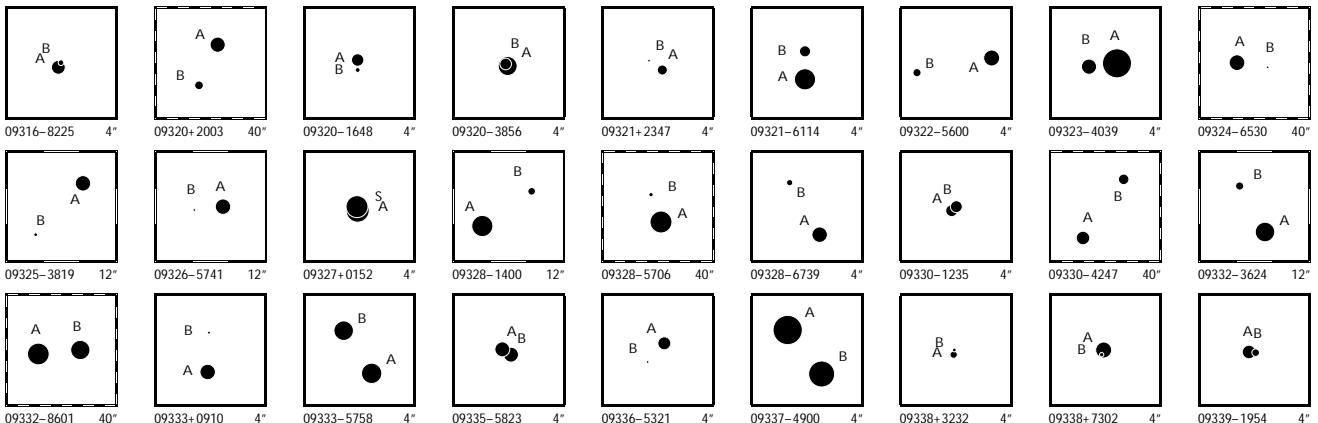
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
09255-7546	1	F CA	A 46229 B 46229	8.071 0.005 11.148 0.076	9.169 0.014	8.000 0.009		141.379 765 13 141.378 927 21	-75.773 130 38 -75.772 887 22	4.03 4.03	-25.34 -25.34	5.92 5.92	0.91 0.82 0.85 17.15 19.11 0.85	1.01 0.77 1.01 0.77	A 320	1.15											
09256+5401	1	F CA	A 46239 B 46239	7.764 0.006 8.846 0.017	7.822 0.009 8.971 0.020	7.675 0.012 8.699 0.022		141.407 842 58 141.405 883 64	+54.015 974 07 +54.017 074 00	5.12 5.12	-37.51 -37.51	-22.87 -22.87	1.46 1.05 1.59 5.61 3.81 1.59	1.68 0.90 1.68 0.90	A 313.70	5.731											
09256-2520	1	F CA	A 46238 B 46238	6.786 0.002 9.678 0.021				141.404 477 65 141.404 327 12	-25.337 097 90 -25.336 954 41	5.26 5.26	-21.16 -21.16	0.74 0.74	0.61 0.53 0.79 7.98 5.40 0.79	0.68 0.59 0.68 0.59	A 317	0.71											
09256-5315	1	F CB	A 46236 B 46236	7.092 0.022 9.767 0.017	7.555 0.010 11.240 0.134	7.023 0.009 10.181 0.078		141.401 455 93 141.405 430 63	-53.251 631 20 -53.256 424 08	22.55 22.55	-30.95 -30.95	-79.54 -79.54	0.99 0.93 1.04 36.05 44.19 1.04	0.96 0.87 0.96 0.87	A 153.6	19.26											
09257-3547	1	F CC	A 46246 B 46246	9.488 0.008 12.860 0.184	10.924 0.034	9.434 0.015		141.434 128 57 141.434 346 09	-35.787 715 73 -35.787 216 83	2.49 2.49	5.76 5.76	-7.08 -7.08	1.22 1.42 1.76 44.58 47.30 1.76	1.09 1.25 1.09 1.25	A 19	1.91											
09260+1854	1	F CA	A 46272 B 46272	8.918 0.005 11.830 0.069				141.511 247 34 141.511 028 18	+18.900 641 51 +18.900 521 95	3.65 3.65	-3.85 -3.85	-17.18 -17.18	1.72 1.02 1.64 25.68 15.43 1.64	1.62 0.95 1.62 0.95	A 240	0.86											
09260+2839	1	L CA	A 46269 B 46269	9.127 0.013 9.409 0.017				141.509 724 16 141.509 775 58	+28.650 420 64 +28.650 490 71	8.14 8.14	-76.98 -77.28	-86.36 -74.85	2.37 1.77 1.27 3.70 2.48 1.27	1.59 0.79 2.03 0.96	A 32.8	0.300	-1.2	+0.010									
09264-2927	1	F CA	A 46291 B 46291	9.396 0.008 9.662 0.010	9.681 0.020 9.940 0.026	9.306 0.021 9.489 0.026		141.604 767 90 141.605 662 72	-29.443 695 88 -29.442 346 19	8.96 8.96	-30.12 -30.12	7.45 7.45	2.32 2.14 2.87 3.69 3.92 2.87	2.36 2.51 2.36 2.51	A 30.00	5.611											
09264-4215	1	F CA	A 46290 S 46290	7.166 0.036 8.047 0.080				141.602 411 86 141.602 444 43	-42.251 166 43 -42.251 122 56	3.65 3.65	-5.13 -5.13	0.71 0.71	2.10 3.38 0.68 4.37 5.15 0.68	0.50 0.50 0.50 0.50	A 29	0.180											
09267+3855	1	F CB	A 46314 B 46314	9.648 0.013 12.557 0.178	10.280 0.038	9.536 0.031		141.666 159 54 141.666 301 70	+38.910 703 86 +38.910 248 41	9.61 9.61	-88.01 -88.01	12.79 12.79	2.63 2.26 2.58 42.87 35.65 2.58	2.76 1.71 2.76 1.71	A 166	1.69											
09267-2847	1	F CA	A 46329 B 46329	6.455 0.004 7.402 0.008				141.687 140 02 141.686 966 76	-28.787 682 32 -28.787 666 46	2.05 2.05	-19.44 -19.44	-5.62 -5.62	0.79 0.66 0.88 1.88 1.94 0.88	0.75 0.71 0.75 0.71	A 276.0	0.550											
09270+6421	1	F CA	A 46347 B 46347	8.869 0.005 10.210 0.017	8.980 0.011 10.170 0.037	8.742 0.010 9.664 0.029		141.738 166 64 141.739 984 52	+64.343 203 49 +64.343 262 01	5.62 5.62	-5.22 -5.22	5.76 5.76	1.09 0.97 1.50 5.12 4.51 1.50	1.17 1.01 1.17 1.01	A 85.7	2.84											
09272-0913	1	F FC G	A 46365 B 46365 C 46365	7.223 0.006 7.401 0.006 11.296 0.496				141.811 045 47 141.811 017 14 141.811 260 46	-9.223 703 03 -9.223 805 11 -9.226 660 37	2.50 2.50 2.50	-17.11 -17.11 -17.11	-3.87 -3.87 -3.87	1.39 1.00 1.46 9.32 9.26 1.46 21.85 21.82 1.46	1.55 1.09 1.55 1.09 1.55 1.09	A 195 A 175.9	0.38 10.67											
09273+0614	1	L CA	A 46367 B 46367	7.714 0.006 7.826 0.006	8.159 0.012 8.295 0.019	7.642 0.018 7.719 0.024		141.820 050 46 141.819 939 76	+6.233 174 88 +6.233 730 11	20.41 20.41	-177.55 -165.89	-144.66 -151.35	2.59 1.57 1.98 3.75 2.08 1.98	2.38 1.39 2.75 1.56	A 348.8	2.038	+0.3	-0.009									
09273-5021	1	F CA	A 46369 B 46369	11.030 0.022 11.498 0.033	11.172 0.068	10.580 0.067		141.823 803 05 141.822 924 24	-50.356 785 63 -50.356 826 41	3.36 3.36	-22.04 -22.04	18.13 18.13	5.03 3.72 4.56 10.39 8.62 4.56	4.99 3.34 4.99 3.34	A 265.8	2.02											
09276+3453	1	F CA	A 46391 B 46391	9.923 0.015 12.429 0.144				141.896 731 12 141.896 560 77	+34.886 280 12 +34.886 326 98	6.89 6.89	-13.77 -13.77	-0.57 -0.57	3.09 2.55 2.75 40.52 36.59 2.75	2.37 1.63 2.37 1.63	A 289	0.53											
09277+1545	1	F CA	A 46397 B 46397	9.832 0.010 9.935 0.010	10.073 0.043 10.120 0.047	9.391 0.028 9.449 0.039		141.914 445 78 141.913 698 06	+15.741 728 68 +15.742 278 06	10.58 10.58	-17.80 -17.80	-18.49 -18.49	3.18 2.10 2.96 6.11 3.78 2.96	3.33 1.72 3.33 1.72	A 307.4	3.26											
09277-2622	1	F CA	A 46401 B 46401	8.559 0.005 11.682 0.076				141.932 022 12 141.932 150 94	-26.362 045 67 -26.362 114 06	4.71 4.71	15.15 15.15	-40.09 -40.09	1.15 0.95 1.24 23.58 19.17 1.24	1.01 0.91 1.01 0.91	A 121	0.48											
09278-0604	1	L CA	A 46404 B 46404	5.746 0.003 7.251 0.012				141.945 487 80 141.945 560 66	-6.071 028 71 -6.071 142 82	32.01 32.01	-232.83 -222.96	-65.21 -91.16	1.28 0.87 1.02 6.70 3.24 1.02	1.27 0.69 4.21 1.58	A 147.6	0.487	+0.7	+0.027									
09278-4235	1	F CA	A 46402 C 46402	7.414 0.004 10.580 0.076				141.943 429 89 141.943 278 55	-42.578 353 56 -42.578 455 52	3.70 3.70	-12.90 -12.90	8.49 8.49	0.87 0.85 0.89 14.48 14.16 0.89	0.75 0.65 0.75 0.65	A 228	0.54											
09279+0818	1	F CB	A 46416 B 46416	8.260 0.015 11.514 0.293	8.367 0.016	8.197 0.018		141.982 094 19 141.982 455 16	+8.292 670 64 +8.292 597 23	4.87 4.87	-9.56 -9.56	2.68 2.68	2.08 1.60 2.23 46.13 33.87 2.23	3.12 2.20 3.12 2.20	A 102	1.31											
09279-4641	1	F CB	A 46411 B 46411	9.065 0.009 12.489 0.206	9.100 0.013	9.028 0.016		141.966 498 57 141.966 197 33	-46.676 099 52 -46.675 782 34	0.61 0.61	-10.07 -10.07	11.24 11.24	1.20 1.16 1.39 34.31 42.29 1.39	1.35 1.11 1.35 1.11	A 327	1.36											
09280-5834	1	F CA	A 46424 B 46424	9.041 0.007 12.080 0.116	9.007 0.013	9.045 0.017		141.991 589 64 141.989 902 89	-58.568 275 22 -58.569 686 44	2.94 2.94	-13.23 -13.23	7.53 7.53	1.18 1.15 1.25 24.94 27.21 1.25	1.09 1.12 1.09 1.12	A 211.9	5.99											
09281-6420	1	L CA	A 46428 B 46428	9.118 0.010 12.037 0.148	9.716 0.018	9.079 0.016		142.022 595 45 142.022 927 09	-64.337 923 00 -64.338 674 03	10.58 10.58	-105.21 -17.33	103.86 47.07	1.78 1.91 1.73 42.49 42.74 1.73	1.51 1.58 21.56 23.55	A 169.2	2.75	-1.6	+0.07									
09282+2811	1	F CA	A 46433 B 46433	9.214 0.006 11.846 0.065				142.043 933 33 142.044 106 04	+28.189 356 26 +28.189 577 43	1.00 1.00	-3.27 -3.27	14.76 14.76	1.84 0.97 1.75 19.76 10.30 1.75	1.76 0.90 1.76 0.90	A 35	0.97											
09283-0805	1	F CA	A 46442 B 46442	8.315 0.005 10.374 0.028	8.466 0.012 10.119 0.121	8.277 0.014 9.673 0.150		142.084 868 39 142.084 937 36	-8.088 359 22 -8.088 860 66	4.30 4.30	-3.87 -3.87	1.55 1.55	1.37 1.06 1.46 8.31 6.13 1.46	1.62 1.10 1.62 1.10	A 172.2	1.82											
09283-0959	1	F CA	A 46443 B 46443	7.003 0.004 10.116 0.067	8.174 0.010 10.478 0.057	6.940 0.006 9.855 0.049		142.085 510 03 142.087 266 60	-9.986 865 43 -9.985 618 17	6.51 6.51	1.03 1.03	-3.58 -3.58	0.91 0.71 0.94 16.96 13.72 0.94	0.92 0.72 0.92 0.72	A 54.2	7.68											



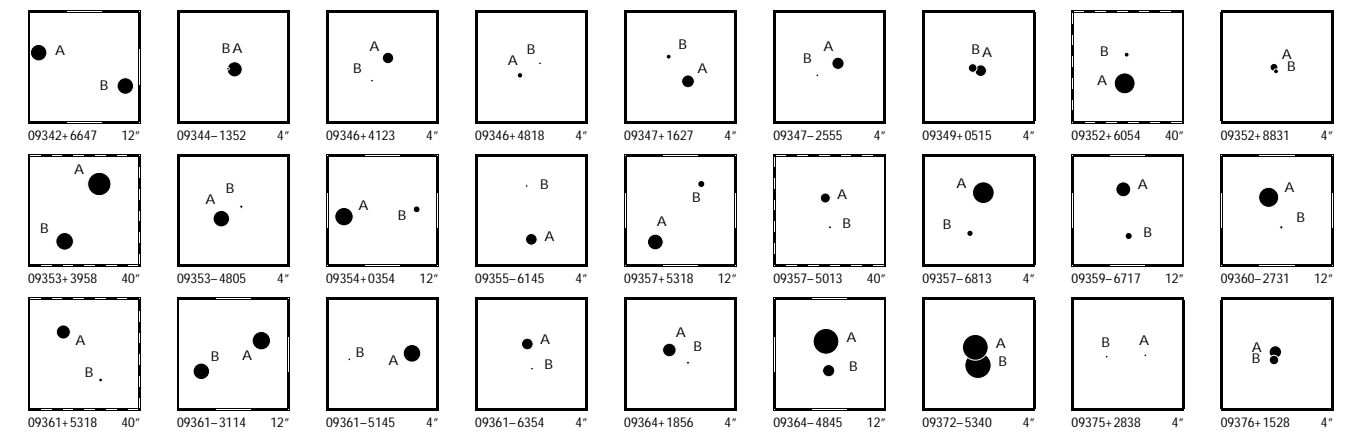
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
	2	3-5		6	7	8	9	10	11		12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
09285+0903	1	L CA	A 46454 B 46454	6.010 6.655	0.004 0.008			142.114 070 50 142.114 184 38	+9.056 771 14 +9.056 838 05	29.05 29.05	40.40 60.51	2.71 -17.23	1.41 2.99	0.96 2.26	1.29 1.29	1.66 2.18	0.94 1.30	A	59.2	0.471	+3.3	+0.007			
09287-2048	1	F CA	A 46475 B 46475	8.200 9.292	0.004 0.012			142.176 997 25 142.177 170 01	-20.799 916 08 -20.800 127 78	5.61 5.61	-22.26 -22.26	7.17 7.17	1.03 4.09	1.09 1.39	1.39 1.17	1.06 1.06	A	142.7	0.959						
09288-6313	1	F CA	A 46481 B 46481	8.971 11.020	0.005 0.032			142.195 965 62 142.196 296 72	-63.214 146 38 -63.214 200 94	3.45 3.45	-22.51 -22.51	16.19 16.19	1.18 7.32	1.05 8.04	1.06 1.06	1.02 1.02	1.03 1.03	A	110	0.57					
09290+1917	1	L CA	A 46501 B 46501	8.438 10.241	0.003 0.017			142.252 722 29 142.252 545 37	+19.288 413 65 +19.288 266 76	11.99 11.99	24.26 15.40	35.32 29.30	1.45 8.22	0.88 4.61	1.36 1.36	1.16 4.45	0.67 2.34	A	228.7	0.801	+0.1	+0.011			
09290-0115	1	F CA	A 46504 B 46504	6.366 10.317	0.003 0.102	6.605	0.004	6.309	0.005	142.259 734 72 142.260 064 40	-1.256 915 94 -1.257 119 83	10.96 10.96	-62.64 -62.64	1.22 1.22	1.01 29.93	0.91 26.21	1.03 1.03	1.28 1.28	0.91 0.91	A	122	1.40			
09293-5225	1	F CB	A 46518 B 46518	7.301 10.312	0.024 0.381			142.317 938 58 142.318 030 81	-52.424 596 79 -52.424 543 27	1.53 1.53	-10.62 -10.62	8.44 8.44	4.58 44.03	3.07 35.11	1.01 1.01	0.98 0.98	0.83 0.83	A	46	0.28					
09294-4432	1	F CA	A 46523 C 46523	7.175 10.228	0.003 0.040			142.328 169 95 142.328 115 60	-44.538 971 60 -44.539 155 32	24.31 24.31	-102.57 -102.57	10.34 10.34	0.65 11.85	0.64 9.36	0.76 0.76	0.75 0.75	0.64 0.64	A	192	0.68					
09294-5914	1	F CC	A 46531 B 46531	9.020 12.544	0.007 0.160			142.358 587 33 142.358 164 22	-59.229 607 46 -59.229 654 69	3.18 3.18	-22.32 -22.32	20.47 20.47	1.66 58.44	1.68 64.89	1.81 1.81	1.49 1.49	1.52 1.52	A	258	0.80					
09296-0307	1	F CA	A 46552 B 46552	7.906 8.891	0.003 0.008			142.401 732 01 142.401 866 22	-3.122 417 34 -3.122 208 47	1.60 1.60	-0.21 -0.21	-3.97 -3.97	1.30 3.51	0.84 2.19	1.35 1.35	1.56 1.56	0.86 0.86	A	32.7	0.893					
09298-1244	1	F CA	A 46567 B 46567	8.602 10.807	0.040 0.305			142.453 732 07 142.453 815 52	-12.734 003 82 -12.734 043 95	1.14 1.14	-1.31 -1.31	12.00 12.00	5.73 28.01	3.16 16.05	1.50 1.50	1.49 1.49	1.27 1.27	A	116	0.33					
09299+5808	1	F CA	A 46575 B 46575	8.889 9.327	0.043 0.064			142.469 180 71 142.469 280 57	+58.129 122 57 +58.129 085 76	0.07 0.07	-9.05 -9.05	-19.49 -19.49	4.39 6.37	2.97 4.37	1.22 1.22	1.00 1.00	0.89 0.89	A	125	0.231					
09299-3629	1	F CA	A 46572 B 46572	9.747 12.523	0.009 0.107			142.465 188 67 142.465 400 09	-36.483 464 24 -36.483 340 16	4.49 4.49	-8.07 -8.07	0.28 0.28	1.39 23.96	1.52 25.92	2.07 2.07	1.28 1.28	1.58 1.58	A	54	0.76					
09300+4216	1	F CA	A 46587 B 46587	8.727 8.808	0.013 0.014			142.508 182 27 142.508 419 67	+42.263 752 89 +42.264 121 11	9.02 9.02	-29.65 -29.65	-38.94 -38.94	3.45 7.91	2.51 4.50	2.75 2.75	3.45 3.45	2.01 2.01	A	25.5	1.47					
09302-0600	1	F CA	A 46602 B 46602	7.999 11.218	0.004 0.074			142.541 302 01 142.541 275 33	-6.002 214 69 -6.002 046 28	4.50 4.50	-22.74 -22.74	1.81 1.81	1.61 33.62	1.08 16.89	1.38 1.38	2.03 2.03	0.92 0.92	A	351	0.61					
09306+1037	1	I NB	A 46637 B 46634	8.825 8.840	0.041 0.041	9.940	0.039	8.899	0.028	142.649 804 57 142.646 311 77	+10.601 765 37 +10.599 979 28	21.11 27.46	-203.73 -195.75	-11.88 -10.84	6.98 13.33	5.55 10.22	5.71 6.97	9.47 12.17	5.77 6.71	A	242.51	13.93	-0.01	-0.01	
09307+4604	1	F CA	A 46643 B 46643	9.661 10.978	0.087 0.293			142.663 156 57 142.663 208 11	+46.067 901 42 +46.067 849 63	3.48 3.48	-20.41 -20.41	-22.57 -22.57	11.50 37.52	8.58 22.36	2.05 2.05	1.72 1.72	1.49 1.49	A	145	0.23					
09307+6532	1	F CB	A 46653 B 46653	11.955 13.168	0.095 0.289			142.682 146 84 142.681 955 99	+65.539 762 14 +65.539 754 49	3.66 3.66	-107.88 -107.88	-186.71 -186.71	7.69 58.54	6.91 39.12	4.05 4.05	2.47 2.47	2.91 2.91	A	264	0.29					
09307-4028	1	L CA	A 46651 B 46651	3.962 5.187	0.002 0.007			142.675 470 63 142.675 553 06	-40.466 887 63 -40.467 065 63	53.89 53.89	-147.14 -242.07	48.65 73.37	0.51 2.69	0.67 1.96	0.70 0.70	0.58 0.97	0.78 1.36	A	160.6	0.679	+6.9	-0.055			
09308-3153	1	F CA	A 46657 B 46657	6.203 7.006	0.004 0.008	6.207	0.005	6.166	0.005	142.692 006 38 142.690 604 76	-31.889 171 07 -31.891 061 68	8.76 8.76	24.54 24.54	-20.88 -20.88	0.65 2.16	0.71 2.17	0.88 0.88	0.70 0.70	0.71 0.71	A	212.19	8.042			
09309-5538	1	F CA	A 46674 B 46674	8.869 10.965	0.005 0.034	9.517	0.017	8.790	0.014	142.736 252 50 142.741 162 04	-55.636 209 87 -55.636 590 49	11.40 11.40	-153.64 -153.64	78.06 78.06	1.15 11.22	1.12 10.93	1.24 1.24	1.13 1.13	1.10 1.10	A	97.8	10.07			
09310-1544	1	L CA	A 46676 B 46676	9.020 9.845	0.011 0.024	9.296	0.016	8.721	0.014	142.737 808 91 142.737 455 40	-15.738 814 44 -15.738 978 14	7.30 7.30	-47.71 -64.89	24.79 35.42	2.24 8.72	1.91 5.43	1.93 1.93	2.21 5.04	1.58 3.12	A	244.3	1.36	+0.7	+0.01	
09310-6721	1	F CA	A 46678 B 46678	8.859 12.021	0.007 0.125	8.846	0.011	8.796	0.014	142.747 921 46 142.748 177 92	-67.353 615 42 -67.353 888 60	2.89 2.89	-5.19 -5.19	0.75 0.75	1.15 22.34	1.08 21.39	1.14 1.14	1.33 1.33	1.14 1.14	A	160	1.05			
09312+6732	1	I CA	A 46696 B 46698	7.586 9.078	0.014 0.045	7.666	0.006	7.526	0.007	142.791 060 72 142.794 530 78	+67.541 248 80 +67.536 077 45	2.42 6.67	20.46 18.57	-6.77 -4.61	1.32 12.55	1.43 15.63	1.60 7.61	1.36 5.81	1.52 6.97	A	165.62	19.22	0.00	0.00	
09313-1329	1	F NB	A 46706 B 46706	10.741 10.943	0.018 0.021					142.829 160 31 142.829 021 16	-13.488 833 69 -13.488 708 57	94.95 94.95	722.93 722.93	53.52 53.52	5.07 10.66	5.88 7.69	4.31 4.31	5.26 5.26	5.99 5.99	A	313	0.66			
09313-2556	1	F ND	A 46710 B 46710	12.043 13.589	0.057 0.237					142.830 109 91 142.829 226 83	-25.933 809 89 -25.932 917 98	24.26 24.26	115.58 115.58	-187.48 -187.48	5.22 67.98	5.83 68.16	6.58 6.58	5.91 5.91	5.40 5.40	A	318	4.30			
09314-7345	1	F CA	A 46720 B 46720	7.568 9.599	0.003 0.017	7.891	0.007	7.517	0.007	142.853 984 14 142.855 313 56	-73.747 111 72 -73.747 497 19	12.62 12.62	-34.87 -34.87	32.22 32.22	0.68 4.66	0.70 4.81	0.70 0.70	0.65 0.65	0.64 0.64	A	136.0	1.929			
09315+0128	1	F CA	A 46732 B 46732	7.335 8.192	0.005 0.010	7.872	0.045	7.229	0.046	142.880 274 01 142.880 640 62	+1.465 331 19 +1.464 460 56	6.39 6.39	-10.82 -10.82	-30.40 -30.40	1.44 3.32	1.11 3.30	1.46 1.46	1.50 1.50	1.16 1.16	A	157.17	3.401			



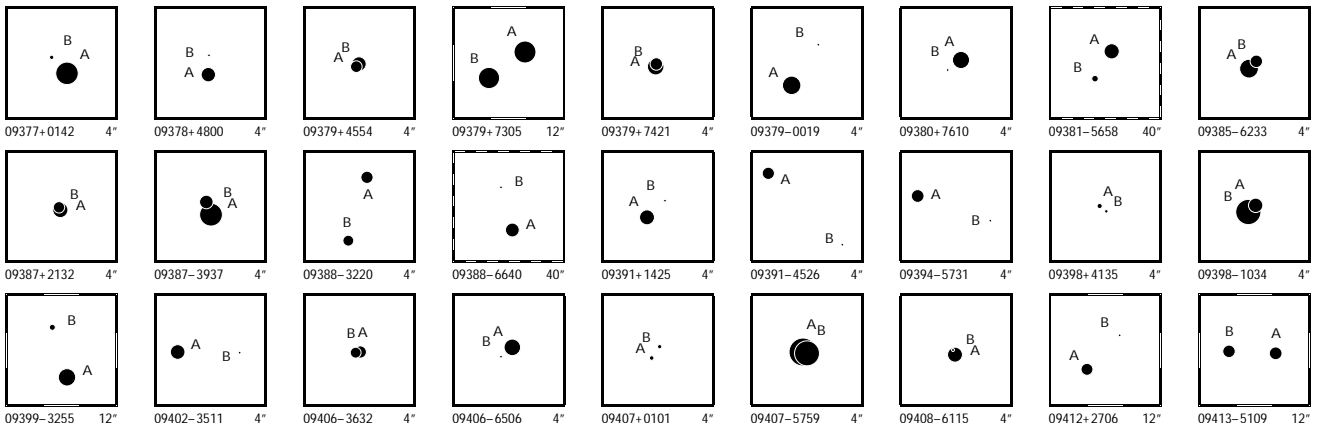
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09316-8225	1	F CA	A 46742 B 46742	8.915 0.033 10.761 0.180				142.908 025 22 -82.412 130 17 142.907 795 84 -82.412 077 48	4.48 4.48	0.23 -25.92 0.23 -25.92	2.98 3.47 0.81 0.91 0.73 15.65 15.45 0.81 0.91 0.73	A 330 0.22														
09320+2003	1	I CA	A 46781 B 46783	8.654 0.017 10.107 0.047	8.987 0.021 10.264 0.045	8.565 0.022 9.793 0.049		143.006 323 27 +20.047 032 73 143.008 349 19 +20.042 887 64	11.08 8.01	-19.45 -14.95 -21.39 -15.05	3.58 2.15 3.20 3.54 1.86 26.32 14.11 10.54 12.22 6.09	A 155.34 16.42 +0.01 0.00														
09320-1648	1	F CA	A 46773 B 46773	9.256 0.016 10.934 0.072				142.987 642 02 -16.806 916 95 142.987 649 47 -16.807 013 85	3.00 3.00	-20.89 8.97 -20.89 8.97	3.03 3.52 2.40 2.58 1.77 13.55 11.45 2.40 2.58 1.77	A 176 0.35														
09320-3856	1	F ND	D A 46779 B 46779	7.779 0.153 9.422 0.693				143.003 105 45 -38.937 741 47 143.003 137 10 -38.937 720 88	2.45 2.45	-14.95 9.72 -14.95 9.72	4.98 4.48 0.70 0.49 0.57 36.72 31.80 0.70 0.49 0.57	A 50 0.12														
09321+2347	1	F CA	A 46791 B 46791	9.796 0.008 12.381 0.081				143.020 554 39 +23.784 165 97 143.020 692 94 +23.784 269 37	2.18 2.18	17.79 7.40 17.79 7.40	2.20 1.52 2.17 2.33 1.34 26.95 20.19 2.17 2.33 1.34	A 51 0.59														
09321-6114	1	F CA	A 46786 B 46786	7.291 0.003 9.547 0.026				143.012 854 32 -61.234 897 78 143.012 846 75 -61.234 614 95	2.68 2.68	-12.57 3.31 -12.57 3.31	0.76 0.74 0.83 0.76 0.66 6.55 7.42 0.83 0.76 0.66	A 359.3 1.02														
09322-5600	1	F CA	A 46803 B 46803	8.486 0.005 10.207 0.022	8.838 0.008 10.184 0.048	8.429 0.011 9.617 0.037		143.054 698 10 -56.005 026 26 143.056 070 87 -56.005 178 34	5.20 5.20	-9.24 19.10 -9.24 19.10	0.95 0.96 1.06 0.98 0.94 6.41 5.78 1.06 0.98 0.94	A 101.2 2.82														
09323-4039	1	F CA	A 46811 B 46811	5.560 0.002 8.639 0.035	6.485 0.004 8.639 0.035	5.453 0.003 8.639 0.035		143.080 294 75 -60.449 321 06 143.080 684 12 -60.449 353 67	8.36 8.36	9.68 -5.69 9.68 -5.69	0.42 0.48 0.57 0.43 0.50 8.97 7.52 0.57 0.43 0.50	A 96.3 1.07														
09324-6530	1	F CB	A 46814 B 46814	8.514 0.007 11.861 0.130	9.124 0.014 10.186 0.037	8.446 0.012 9.617 0.037		143.100 844 87 -65.494 554 64 143.093 184 19 -65.495 049 82	1.68 1.68	4.36 -3.73 4.36 -3.73	1.39 1.34 1.38 1.55 1.32 46.68 61.01 1.38 1.55 1.32	A 261.1 11.58														
09325-3819	1	F CA	A 46823 B 46823	8.595 0.005 11.140 0.047	8.631 0.008 11.409 0.079	8.557 0.010 10.882 0.079		143.127 566 38 -38.316 261 69 143.129 435 30 -38.317 841 36	1.83 1.83	-28.90 15.25 -28.90 15.25	0.90 0.98 1.28 1.02 1.05 12.98 13.67 1.28 1.02 1.05	A 137.1 7.76														
09326-5741	1	F CC	A 46832 B 46832	8.551 0.009 12.344 0.292	10.441 0.032 10.441 0.032	8.607 0.013 8.607 0.013		143.143 304 00 -57.687 630 10 143.144 951 69 -57.687 734 83	3.15 3.15	-26.42 19.35 -26.42 19.35	1.48 1.38 1.52 1.38 1.30 61.16 59.19 1.52 1.38 1.30	A 97 3.19														
09327+0152	1	L CA	A 46840 S 46840	6.872 0.076 7.119 0.095				143.172 523 07 +1.864 221 91 143.172 532 40 +1.864 260 41	7.84 7.84	-27.56 -32.69 -12.79 -40.26	2.91 5.49 0.89 1.89 1.13 3.92 6.11 0.89 2.26 1.29	A 14 0.143 +6 -0.004														
09328-1400	1	F CA	A 46855 B 46855	7.332 0.005 10.298 0.073	8.461 0.010 10.882 0.088	7.267 0.007 10.156 0.070		143.228 719 99 -14.000 656 99 143.227 154 56 -13.999 584 01	6.28 6.28	-0.47 -13.29 -0.47 -13.29	1.12 0.73 1.17 1.35 0.77 19.09 12.10 1.17 1.35 0.77	A 305.2 6.69														
09328-5706	1	F CC	A 46847 B 46847	7.134 0.006 11.061 0.218	7.061 0.005 8.127 0.006	7.127 0.006 8.127 0.006		143.195 644 72 -57.094 313 34 143.197 499 13 -57.091 503 05	0.72 0.72	-7.82 7.11 -7.82 7.11	0.87 0.86 0.95 0.89 0.84 49.92 45.49 0.95 0.89 0.84	A 19.7 10.75														
09328-6739	1	F CA	A 46851 B 46851	8.574 0.005 10.596 0.029	8.926 0.012 10.296 0.065	8.480 0.011 9.802 0.063		143.214 685 74 -67.642 677 06 143.215 488 94 -67.642 140 16	7.39 7.39	-1.01 -13.78 -1.01 -13.78	0.98 1.07 0.99 1.15 1.06 7.65 7.16 0.99 1.15 1.06	A 29.6 2.22														
09330-1235	1	L CA	A 46861 B 46861	9.357 0.108 9.389 0.111				143.237 458 29 -12.587 668 13 143.237 409 52 -12.587 626 27	3.70 3.70	-12.15 -12.65 -29.07 -4.91	10.63 7.59 1.28 4.54 1.93 11.91 8.25 1.28 4.85 2.07	A 311 0.23 -1 +0.02														
09330-4247	1	F FD	D A 46863 B 46860	8.970 0.189 9.651 0.289	10.331 0.029 8.928 0.016	8.928 0.016 8.928 0.016		143.240 837 17 -42.784 533 98 143.235 230 73 -42.778 574 03	2.80 2.80	-52.65 25.42 -52.65 25.42	1.66 1.68 1.82 1.81 1.75 78.89 63.25 1.82 1.81 1.75	A 325.4 26.07														
09332-3624	1	F CA	A 46877 B 46877	7.672 0.003 10.186 0.031	7.693 0.006 10.156 0.029	7.606 0.006 9.781 0.030		143.291 030 49 -36.404 625 36 143.292 019 43 -36.403 209 40	1.75 1.75	0.65 -3.00 0.65 -3.00	0.68 0.72 1.02 0.69 0.71 7.27 6.93 1.02 0.69 0.71	A 29.3 5.85														
09332-8601	1	I NB	A 46892 B 46870	7.177 0.026 7.731 0.036	7.594 0.006 8.205 0.008	7.137 0.006 7.630 0.009		143.325 368 08 -86.010 022 22 143.263 977 46 -86.009 598 70	10.70 11.06	-51.52 -19.22 -48.86 -20.46	2.63 2.61 2.32 3.08 2.61 9.80 9.58 5.59 7.45 6.24	A 275.63 15.45 0.00 0.00														
09333+0910	1	F CA	A 46885 B 46885	8.578 0.006 11.344 0.077	8.765 0.017 8.533 0.019	8.533 0.019 8.533 0.019		143.317 758 73 +9.168 519 31 143.317 741 79 +9.168 923 80	4.82 4.82	-17.75 -14.54 -17.75 -14.54	1.49 1.19 1.57 2.15 1.30 21.90 22.57 1.57 2.15 1.30	A 358 1.46														
09333-5758	1	L CA	A 46889 B 46889	7.521 0.004 7.666 0.004	7.457 0.012 7.557 0.014	7.426 0.012 7.560 0.018		143.322 333 75 -57.963 447 70 143.322 874 15 -57.963 012 18	0.97 0.97	-12.45 8.61 -17.39 5.73	1.30 1.31 1.22 1.08 1.02 2.09 2.07 1.22 1.53 1.52	A 33.4 1.877 -0.1 -0.005														
09335-5823	1	F CA	B 46905 A 46905	8.705 0.008 8.721 0.008				143.377 787 41 -58.386 265 44 143.377 962 91 -58.386 204 94	1.10 1.10	-14.77 6.12 -14.77 6.12	1.62 1.58 1.38 1.13 1.00 2.20 2.38 1.38 1.13 1.00	B 57 0.396														
09336-5321	1	F CB	A 46908 B 46908	9.099 0.010 12.210 0.166				143.401 847 40 -53.344 287 10 143.402 141 95 -53.344 476 19	1.28 1.28	-9.21 4.56 -9.21 4.56	1.41 1.35 1.45 1.44 1.27 31.31 26.04 1.45 1.44 1.27	A 137 0.93														
09337-4900	1	F CA	A 46914 B 46914	5.543 0.004 6.243 0.008	5.373 0.011 5.856 0.048	5.507 0.009 5.949 0.057		143.435 666 25 -49.005 093 20 143.435 139 92 -49.005 538 26	3.40 3.40	-23.39 8.78 -23.39 8.78	0.81 0.76 0.86 0.95 0.73 2.28 2.36 0.86 0.95 0.73	A 217.8 2.028														
09338+3232	1	F CA	A 46915 B 46915	10.353 0.117 11.176 0.249				143.438 260 60 +32.534 139 27 143.438 251 13 +32.534 183 02	11.93 11.93	-75.54 1.22 -75.54 1.22	7.51 9.65 1.61 1.60 0.84 15.85 16.73 1.61 1.60 0.84	A 350 0.16														
09338+7302	1	F CB	A 46920 B 46920	8.481 0.058 11.035 0.606				143.448 046 19 +73.025 624 75 143.448 125 77 +73.025 571 30	4.22 4.22	25.01 -10.30 25.01 -10.30	3.63 7.29 1.23 1.25 1.10 40.25 43.10 1.23 1.25 1.10	A 157 0.21														
09339-1954	1	F CA	A 46927 B 46927	9.028 0.028 10.342 0.093				143.471 031 83 -19.895 531 52 143.470 951 39 -19.895 533 74	1.83 1.83	-21.50 5.47 -21.50 5.47	4.42 3.07 1.48 1.27 0.98 12.32 11.41 1.48 1.27 0.98	A 268 0.27														



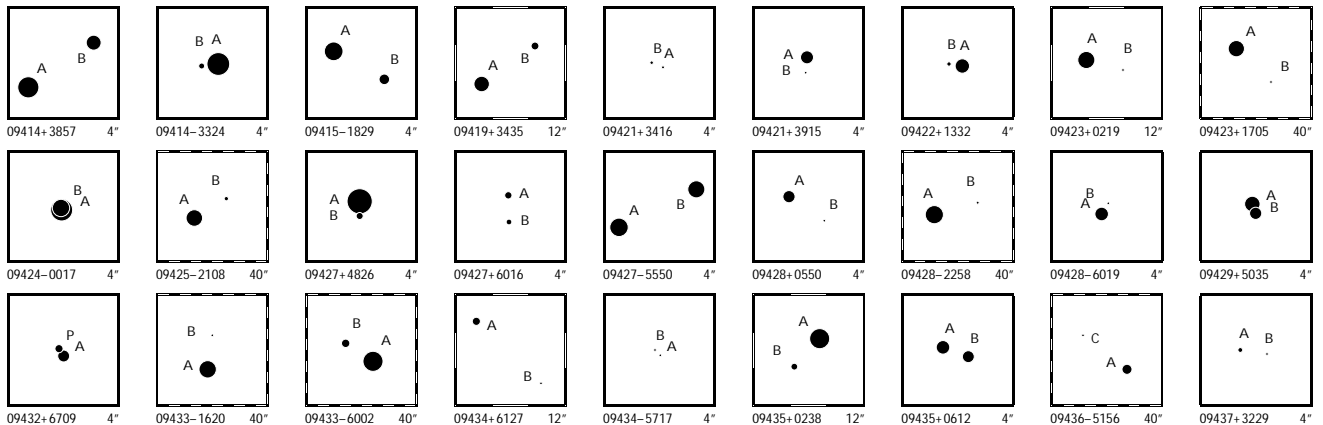
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^* mas	δ mas	π mas	μ_{α^*} mas/yr	μ_{δ} mas/yr	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09342+6647	1	INB	B 46960 A 46964	8.316 0.010 8.335 0.010	8.733 0.009 8.715 0.009	8.234 0.009 8.248 0.009	143.574 717 66 143.581 485 06	+66.794 066 57 +66.795 095 45	1.29 4.42	-23.05 -22.37	-25.96 -27.51	3.78 4.64 3.43 2.45 3.13 2.11 2.51 2.94 2.12 2.66	B 68.90 10.289 +0.01 0.000												
09344-1352	1	FCB	A 46973 B 46973	8.666 0.046 11.662 0.730			143.608 660 57 143.608 735 92	-13.866 823 25 -13.866 822 24	2.91 2.91	-13.00 -13.00	-5.03 -5.03	9.63 1.54 1.49 1.67 0.96 43.77 27.72 1.49 1.67 0.96	A 89 0.26												
09346+4123	1	FND	D A 46989 B 46989	9.500 0.013 12.699 0.239			143.657 748 15 143.657 960 39	+41.390 595 73 +41.390 366 30	7.74 7.74	22.70 22.70	37.01 37.01	2.06 1.51 1.94 2.52 1.25 66.08 40.69 1.94 2.52 1.25	A 145 1.01												
09346+4818	1	FCC	A 46990 B 46990	10.804 0.017 13.425 0.182			143.659 156 21 143.658 849 88	+48.303 323 72 +48.303 440 49	0.76 0.76	6.21 6.21	-27.30 -27.30	2.90 2.26 3.50 3.05 2.00 44.43 36.70 3.50 3.05 2.00	A 300 0.85												
09347+1627	1	FCA	A 46999 B 46999	9.196 0.006 10.928 0.029	9.497 0.017	9.053 0.017	143.684 902 97 143.685 109 67	+16.446 516 45 +16.446 764 75	3.96 3.96	-28.96 -28.96	-12.21 -12.21	2.61 1.77 2.63 2.85 1.64 17.35 9.41 2.63 2.85 1.64	A 39 1.14												
09347-2555	1	FCA	A 46992 B 46992	9.297 0.006 11.590 0.047			143.668 962 11 143.669 189 29	-25.910 869 56 -25.910 985 75	3.17 3.17	-28.77 -28.77	12.01 12.01	1.59 1.42 1.85 1.73 1.46 14.10 12.58 1.85 1.73 1.46	A 120 0.85												
09349+0515	1	FCA	A 47008 B 47008	9.422 0.027 10.105 0.050			143.712 732 59 143.712 822 26	+5.247 648 29 +5.247 671 57	7.78 7.78	-56.56 -56.56	-52.07 -52.07	4.86 2.94 1.99 2.16 1.23 9.38 7.58 1.99 2.16 1.23	A 75 0.33												
09352+6054	1	FCB	A 47043 B 47043	7.386 0.005 10.898 0.127	7.679 0.005	7.330 0.006	143.808 939 36 143.808 453 70	+60.891 974 65 +60.894 966 92	13.06 13.06	-43.99 -43.99	-66.19 -66.19	0.89 0.79 1.23 1.15 0.87 28.27 33.71 1.23 1.15 0.87	A 355.5 10.81												
09352+8831	1	FCA	A 47044 B 47044	10.279 0.250 10.896 0.442			143.812 536 95 143.811 797 52	+88.512 794 18 +88.512 755 36	7.24 7.24	-19.91 -19.91	-27.86 -27.86	12.84 17.32 1.04 1.02 0.97 18.57 27.75 1.04 1.02 0.97	A 206 0.16												
09353+3958	1	ICA	A 47053 B 47054	6.853 0.018 8.097 0.042	7.152 0.009	6.788 0.009	143.843 740 80 143.848 397 50	+39.963 237 22 +39.957 279 05	11.80 10.17	-0.56 -3.51	13.69 11.17	2.79 2.28 2.50 3.00 1.80 12.72 10.52 8.28 10.67 6.06	A 149.07 25.00 +0.01 0.00												
09353-4805	1	FCA	A 47051 B 47051	8.336 0.004 11.270 0.056			143.826 836 67 143.826 526 19	-48.082 849 44 -48.082 723 96	1.24 1.24	-9.27 -9.27	1.22 1.22	0.90 0.93 1.06 0.99 0.98 16.19 17.83 1.06 0.99 0.98	A 301 0.87												
09354+0354	1	FCA	A 47058 B 47058	7.936 0.004 10.498 0.039	8.548 0.013	7.852 0.011	143.855 251 62 143.853 002 09	+3.905 381 03 +3.905 607 21	19.09 19.09	-47.59 -47.59	-81.68 -81.68	1.58 1.09 1.42 1.96 1.14 11.34 9.05 1.42 1.96 1.14	A 275.8 8.12												
09355-6145	1	FCA	A 47068 B 47068	9.396 0.006 11.686 0.042	9.838 0.021	9.301 0.020	143.883 135 62 143.883 235 27	-61.751 058 75 -61.750 511 10	5.89 5.89	-73.74 -73.74	-1.91 -1.91	1.17 1.20 1.26 1.13 1.12 11.73 10.78 1.26 1.13 1.12	A 4.9 1.98												
09357+5318	1	FCA	A 47084 B 47084	8.500 0.006 10.468 0.035	8.861 0.013	8.420 0.012	143.927 142 39 143.924 780 22	+53.294 643 42 +53.296 420 60	8.49 8.49	-43.92 -43.92	-36.89 -36.89	1.33 1.13 1.56 1.49 0.95 10.98 7.46 1.56 1.49 0.95	A 321.5 8.17												
09357-5013	1	ICA	A 47079 B 47078	9.750 0.008 11.319 0.033	10.093 0.030	9.646 0.032	143.917 535 50 143.916 799 71	-50.220 298 79 -50.223 249 43	1.10 -3.12	-4.42 -2.86	3.21 5.75	2.50 2.35 2.31 2.77 2.52 12.94 12.11 9.18 11.06 10.00	A 189.1 10.76 0.0 0.00												
09357-6813	1	FCA	A 47083 B 47083	7.226 0.003 10.611 0.071	7.250 0.005	7.183 0.006	143.922 991 74 143.923 352 48	-68.210 292 76 -68.210 713 23	8.10 8.10	-22.22 -22.22	20.72 20.72	0.64 0.61 0.64 0.74 0.62 14.18 14.58 0.64 0.74 0.62	A 162 1.59												
09359-6717	1	FCA	A 47097 B 47097	8.722 0.008 10.430 0.037	9.601 0.019	8.639 0.014	143.977 992 88 143.977 542 79	-67.280 305 86 -67.281 752 88	6.40 6.40	-52.79 -52.79	-26.31 -26.31	1.35 1.27 1.30 1.63 1.32 8.11 7.53 1.30 1.63 1.32	A 186.8 5.25												
09360-2731	1	FCA	D A 47106 B 47106	7.587 0.004 11.281 0.130	7.696 0.006	7.558 0.007	144.012 308 28 144.011 869 26	-27.522 027 81 -27.522 948 04	6.02 6.02	-41.11 -41.11	3.98 3.98	0.77 0.77 0.94 0.79 0.73 20.04 22.92 0.94 0.79 0.73	A 202.9 3.60												
09361+5318	1	ICD	D A 47113 B 47107	8.859 0.023 11.137 0.144	9.195 0.015	8.780 0.016	144.020 702 88 144.014 256 07	+53.298 287 51 +53.293 355 18	7.03 17.52	-14.12 -90.35	6.15 -24.22	3.05 2.33 3.09 3.32 2.01 68.79 63.16 23.65 25.39 15.62	A 218.0 22.53 +0.1 +0.07												
09361-3114	1	FCA	A 47108 B 47108	7.949 0.005 8.313 0.007	8.644 0.014	7.818 0.011	144.014 040 50 144.016 187 28	-31.232 322 61 -31.233 275 29	2.07 2.07	-16.63 -16.63	10.19 10.19	1.41 1.43 2.00 1.52 1.49 3.11 3.18 2.00 1.52 1.49	A 117.43 7.445												
09361-5145	1	FCA	A 47116 B 47116	8.101 0.006 11.528 0.139	8.022 0.008	8.080 0.010	144.023 925 96 144.024 974 32	-51.744 682 45 -51.744 735 67	3.08 3.08	-15.24 -15.24	3.97 3.97	0.94 0.98 1.06 0.91 1.02 32.82 28.95 1.06 0.91 1.02	A 95 2.34												
09361-6354	1	FCA	A 47120 B 47120	9.431 0.007 12.667 0.123			144.031 500 75 144.031 396 31	-63.902 064 38 -63.902 313 58	17.90 17.90	-1.22 -1.22	-42.81 -42.81	1.21 1.28 1.28 1.37 1.26 37.77 34.70 1.28 1.37 1.26	A 190 0.91												
09364+1856	1	FCA	A 47148 B 47148	9.011 0.007 11.363 0.054			144.108 686 48 144.108 482 73	+18.928 640 02 +18.928 506 61	2.28 2.28	-10.81 -10.81	-0.04 -0.04	1.74 1.06 1.73 1.83 1.03 16.55 9.16 1.73 1.83 1.03	A 235 0.84												
09364-4845	1	FCA	P A 47145 B 47145	6.320 0.004 9.278 0.059	6.550 0.005	6.258 0.005	144.105 889 02 144.105 755 37	-48.751 160 61 -48.752 058 95	13.80 13.80	-8.01 -8.01	-7.70 -7.70	0.64 0.68 0.76 0.73 0.72 14.19 9.95 0.76 0.73 0.72	A 185.6 3.25												
09372-5340	1	LCA	B 47204 A 47204	6.186 0.003 6.299 0.004			144.302 817 40 144.302 855 36	-53.668 486 07 -53.668 303 45	13.95 13.95	-23.99 -22.13	-9.13 -6.53	1.32 1.76 1.25 1.17 1.88 1.85 2.06 1.25 1.32 1.99	B 7.0 0.662 +0.1 +0.003												
09375+2838	1	FND	D A 47228 B 47228	12.760 0.068 13.578 0.142			144.382 903 03 144.383 347 05	+28.636 389 07 +28.636 379 14	26.05 26.05	-139.24 -139.24	-165.15 -165.15	7.97 6.69 7.44 8.32 7.36 68.71 42.15 7.44 8.32 7.36	A 91 1.40												
09376+1528	1	LCA	A 47233 B 47233	9.226 0.032 9.870 0.058			144.411 700 98 144.411 710 03	+15.458 557 68 +15.458 478 21	7.26 7.26	-2.14 -13.52	-9.53 -21.90	3.39 5.62 1.64 4.31 1.77 7.30 8.16 1.64 7.62 2.94	A 174 0.288 +3 +0.011												



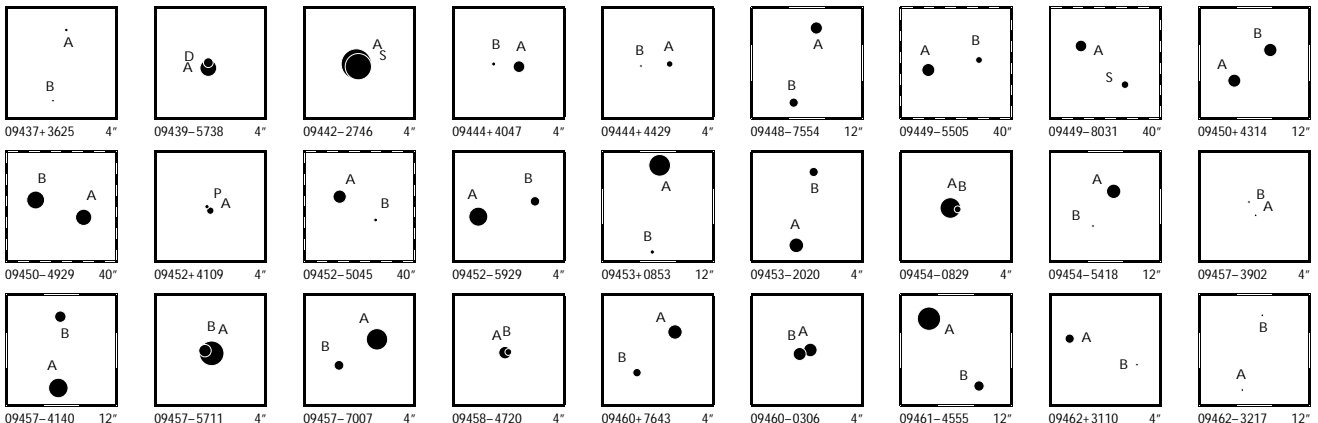
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ _α	μ _δ	α*	δ	π	μ _α	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09377+0142	1	F C B	A 47237 B 47237	7.042 0.003 11.069 0.117								144.419 252 82 144.419 412 01	+1.695 971 70 +1.696 138 35	9.77 9.77	-107.08 24.94 -107.08 24.94	1.25 0.75 1.22 1.60 0.77 54.61 24.15 1.22 1.60 0.77	A 44 0.83									
09378+4800	1	F C A	A 47245 B 47245	8.834 0.005 11.841 0.070								144.451 756 32 144.451 733 06	+48.002 917 31 +48.003 118 06	7.13 7.13	-53.41 -18.37 -53.41 -18.37	1.24 0.99 1.58 1.17 0.81 20.30 14.05 1.58 1.17 0.81	A 356 0.72									
09379+4554	1	F C A	B 47250 A 47250	8.847 0.224 9.404 0.373								144.465 262 30 144.465 291 30	+45.903 660 62 +45.903 632 87	9.54 9.54	-14.38 -76.03 -14.38 -76.03	14.29 10.90 1.13 0.70 0.49 23.87 17.40 1.13 0.70 0.49	B 144 0.12									
09379+7305	1	F C A	A 47260 B 47260	7.132 0.004 7.335 0.005	7.393 0.008 7.608 0.009	7.043 0.006 7.233 0.008						144.484 535 48 144.488 344 69	+73.080 443 85 +73.079 629 46	14.37 14.37	-42.41 -20.33 -42.41 -20.33	1.01 0.96 1.14 1.16 0.91 1.90 1.83 1.14 1.16 0.91	A 126.30 4.952									
09379+7421	1	F C A	A 47259 B 47259	8.359 0.140 9.213 0.308								144.485 210 69 144.485 167 99	+74.343 003 25 +74.343 034 70	4.75 4.75	-22.77 -24.40 -22.77 -24.40	3.63 8.97 0.74 0.64 0.67 8.54 13.24 0.74 0.64 0.67	A 340 0.12									
09379-0019	1	F N D	A 47252 B 47252	7.934 0.005 11.991 0.187	8.050 0.008 7.909 0.011							144.477 310 50 144.477 031 09	-0.319 671 95 -0.319 258 12	3.01 3.01	-29.60 2.65 -29.60 2.65	1.37 0.85 1.31 1.74 0.83 64.16 41.40 1.31 1.74 0.83	A 326 1.80									
09380+7610	1	F C B	A 47268 B 47268	8.234 0.004 11.915 0.121								144.509 648 52 144.510 236 19	+76.162 853 16 +76.162 756 97	2.72 2.72	-22.25 -17.29 -22.25 -17.29	1.10 1.11 1.25 1.07 1.04 39.62 47.13 1.25 1.07 1.04	A 124 0.61									
09381-5658	1	I C A	A 47275 B 47276	8.668 0.009 10.585 0.049	9.260 0.018 11.032 0.071	8.553 0.015 10.316 0.060						144.523 112 94 144.526 335 00	-56.960 852 32 -56.963 702 59	6.10 5.86	28.18 -8.73 29.52 4.25	1.79 1.91 1.68 1.74 1.85 15.22 15.76 6.22 9.62 11.00	A 148.36 12.05 -0.04 -0.01									
09385-6233	1	F C A	A 47309 B 47309	7.852 0.005 9.232 0.018								144.613 808 87 144.613 644 75	-62.555 907 35 -62.555 826 11	2.68 2.68	-11.78 6.95 -11.78 6.95	1.14 1.07 0.83 0.81 0.76 4.74 4.19 0.83 0.81 0.76	A 317 0.400									
09387+2132	1	F C A	A 47329 B 47329	8.621 0.203 9.500 0.456								144.671 989 39 144.672 003 02	+21.539 521 21 +21.539 549 49	1.26 1.26	-18.65 9.65 -18.65 9.65	6.46 11.66 1.08 1.16 0.70 12.49 17.32 1.08 1.16 0.70	A 24 0.11									
09387-3937	1	L C A	A 47328 B 47328	6.949 0.003 9.021 0.022								144.669 769 56 144.669 837 37	-39.613 978 28 -39.613 851 78	24.66 24.66	-42.05 -66.11 -53.95 -44.41	0.77 0.91 0.88 0.63 0.67 6.25 5.61 0.88 3.79 3.28	A 22.4 0.493 -2.2 +0.016									
09388-3220	1	F C A	A 47346 B 47346	9.289 0.008 9.570 0.011	9.676 0.022 9.880 0.022	9.034 0.019 9.305 0.020						144.708 457 24 144.708 683 50	-32.328 575 46 -32.329 222 14	3.03 3.03	30.96 -49.94 30.96 -49.94	1.70 1.82 2.20 1.81 1.75 3.20 4.67 2.20 1.81 1.75	A 163.5 2.43									
09388-6640	1	I C A	A 47337 B 47338	8.936 0.010 11.671 0.108	9.398 0.016 11.959 0.176	8.822 0.015 10.888 0.113						144.694 201 71 144.697 010 04	-66.667 785 94 -66.663 383 78	5.29 11.89	-35.59 23.51 -56.58 42.85	1.91 1.91 1.64 2.20 1.88 35.73 44.84 17.27 30.93 26.48	A 14.2 16.35 -0.1 +0.01									
09391+1425	1	F C A	A 47368 B 47368	8.692 0.006 11.426 0.069								144.766 245 28 144.766 059 20	+14.422 048 63 +14.422 221 61	3.05 3.05	-1.37 -6.83 -1.37 -6.83	2.03 1.26 1.90 2.47 1.36 46.45 14.89 1.90 2.47 1.36	A 314 0.90									
09391-4526	1	F N D	A 47371 B 47371	9.277 0.012 13.451 0.545	10.057 0.022 9.241 0.018							144.773 817 66 144.772 725 43	-45.426 223 79 -45.426 951 46	5.34 5.34	-19.97 3.90 -19.97 3.90	1.16 1.24 1.39 1.18 1.32 89.43 90.55 1.39 1.18 1.32	A 226 3.80									
09394-5731	1	F C A	A 47393 B 47393	9.183 0.008 11.787 0.086	10.319 0.034 9.077 0.020							144.846 787 03 144.845 388 72	-57.520 380 61 -57.520 634 13	-0.15 -0.15	-20.85 11.15 -20.85 11.15	1.31 1.51 1.53 1.30 1.48 20.49 25.79 1.53 1.30 1.48	A 251 2.85									
09398+4135	1	F C A	A 47426 B 47426	10.879 0.038 11.247 0.054								144.947 392 13 144.947 303 84	+41.582 063 04 +41.582 003 65	4.81 4.81	-47.04 -44.56 -47.04 -44.56	4.80 3.20 2.60 3.54 1.53 9.33 5.46 2.60 3.54 1.53	A 228 0.32									
09398-1034	1	F C A	B 47427 A 47427	6.426 0.006 8.809 0.054								144.947 595 13 144.947 524 06	-10.570 285 35 -10.570 211 88	2.97 2.97	-20.54 6.08 -20.54 6.08	1.63 1.07 1.19 1.28 0.83 16.71 7.91 1.19 1.28 0.83	B 316 0.36									
09399-3255	1	F C A	A 47430 B 47430	8.163 0.004 10.692 0.043	8.466 0.009 11.152 0.096	8.089 0.010 10.420 0.077						144.963 852 90 144.964 377 98	-32.921 149 43 -32.919 605 09	7.84 7.84	-60.90 34.88 -60.90 34.88	0.91 0.97 1.26 0.97 1.02 12.58 11.13 1.26 0.97 1.02	A 15.9 5.78									
09402-3511	1	F C A	A 47449 B 47449	8.750 0.008 11.781 0.123	9.342 0.012 8.668 0.011							145.051 494 38 145.050 709 15	-35.180 735 28 -35.180 736 86	15.72 15.72	-190.82 37.80 -190.82 37.80	0.96 1.15 1.56 0.93 1.31 16.39 23.96 1.56 0.93 1.31	A 270 2.31									
09406-3632	1	F C A	A 47467 B 47467	9.327 0.127 9.577 0.160								145.145 369 98 145.145 427 27	-36.537 128 14 -36.537 130 92	1.71 1.71	-17.64 10.58 -17.64 10.58	12.35 5.77 1.46 1.04 1.05 9.96 5.43 1.46 1.04 1.05	A 93 0.17									
09406-6506	1	F N D	A 47470 B 47470	8.331 0.008 12.627 0.405								145.147 863 77 145.148 129 04	-65.098 380 70 -65.098 480 27	4.08 4.08	-6.20 10.21 -6.20 10.21	1.21 1.16 1.16 1.26 1.06 91.35 88.45 1.16 1.26 1.06	A 132 0.54									
09407+0101	1	F C A	A 47480 B 47480	10.993 0.012 11.058 0.013								145.190 782 18 145.190 702 13	+1.024 723 84 +1.024 847 76	1.20 1.20	0.23 1.41 0.23 1.41	8.41 4.71 4.79 5.67 3.25 10.10 5.30 4.79 5.67 3.25	A 327 0.53									
09407-5759	1	F C A	A 47479 B 47479	5.849 0.110 6.480 0.198								145.177 532 37 145.177 472 84	-57.983 566 36 -57.983 581 02	14.85 14.85	-43.84 7.64 -43.84 7.64	5.93 3.35 0.69 0.64 0.65 10.92 6.58 0.69 0.64 0.65	A 245 0.13									
09408-6115	1	F C B	A 47487 B 47487	8.711 0.065 11.349 0.740								145.202 811 35 145.202 848 75	-61.254 017 42 -61.253 967 07	2.90 2.90	-9.19 3.80 -9.19 3.80	2.80 6.92 0.70 0.67 0.68 32.07 49.09 0.70 0.67 0.68	A 20 0.19									
09412+2706	1	F C B	A 47510 B 47510	9.370 0.010 12.265 0.137	9.808 0.026 9.287 0.025							145.291 112 84 145.290 010 98	+27.103 277 17 +27.104 342 12	1.79 1.79	-28.21 -1.81 -28.21 -1.81	2.26 1.83 2.57 2.31 1.69 49.86 46.48 2.57 2.31 1.69	A 317.4 5.21									
09413-5109	1	F C A	A 47520 B 47520	9.192 0.010 9.230 0.011	9.583 0.022 9.765 0.026	9.080 0.022 9.115 0.023						145.310 599 96 145.312 889 24	-51.158 064 12 -51.158 003 26	5.71 5.71	-85.80 37.13 -85.80 37.13	2.04 2.07 2.06 1.94 2.12 4.08 4.82 2.06 1.94 2.12	A 87.6 5.173									



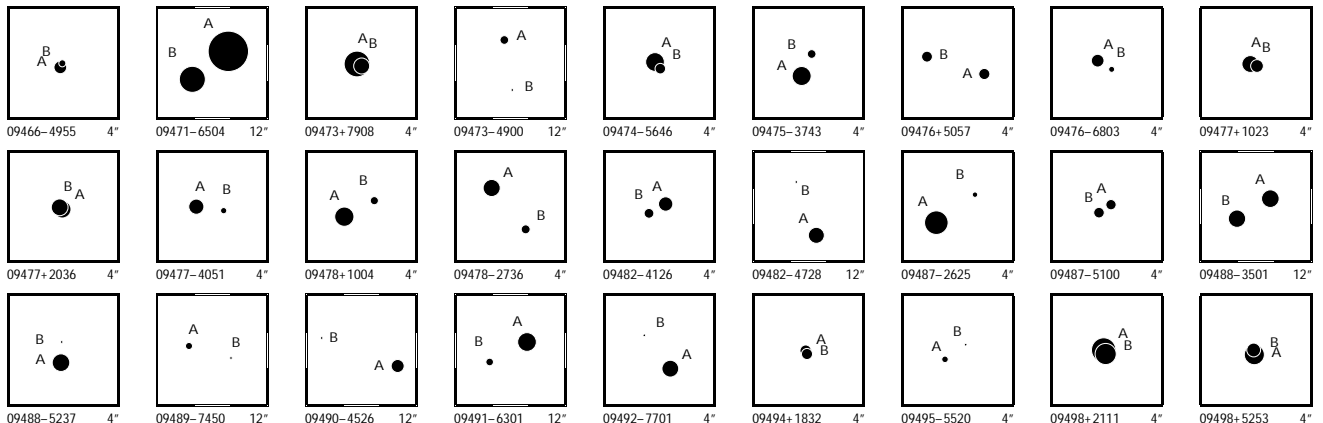
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	deg	deg	17	18	19	20	21	22	23	24	25	26	27	28	29
09414+3857	1	L CA	A 47527 B 47527	7.334 0.004 8.687 0.012	8.039 0.012	7.222 0.010		145.341 159 05 +38.950 524 47 145.340 302 92 +38.950 988 85	20.88 20.88	74.37 -130.84 83.79 -124.80	1.32 0.81 1.24 1.20 0.69 6.19 3.78 1.24 4.47 2.85	A 304.9 2.922 +0.2 -0.004															
09414-3324	1	F CA	A 47530 B 47530	6.953 0.003 10.672 0.073			145.353 459 25 -33.396 315 74 145.353 661 74 -33.396 330 88	6.08 6.08	-4.10 -3.96 -4.10 -3.96	0.59 0.70 0.88 0.58 0.71 12.61 24.33 0.88 0.58 0.71	A 95 0.61																
09415-1829	1	L CA	A 47537 B 47537	7.846 0.008 9.641 0.043	8.192 0.009	7.695 0.008	145.374 777 49 -18.483 495 06 145.374 235 42 -18.483 783 58	11.34 11.34	-98.24 35.35 -38.28 -76.83	2.04 2.41 2.31 1.78 2.02 14.60 23.83 2.31 13.25 23.01	A 241 2.12 -3 0.00																
09419+3435	1	F CA	A 47565 B 47565	8.554 0.007 10.284 0.034	8.718 0.011 10.449 0.046	8.480 0.012 9.863 0.047	145.470 713 56 +34.574 836 95 145.468 729 96 +34.576 008 66	4.78 4.78	-18.99 -18.13 -18.99 -18.13	1.71 1.23 1.66 1.73 1.22 14.34 6.69 1.66 1.73 1.22	A 305.7 7.24																
09421+3416	1	F CA	A 47579 B 47579	11.209 0.017 11.343 0.019			145.522 816 48 +34.265 230 01 145.522 683 88 +34.265 183 54	-0.56 -0.56	-12.78 -19.35 -12.78 -19.35	6.90 4.85 3.47 4.39 2.05 6.05 4.26 3.47 4.39 2.05	B 247 0.43																
09421+3915	1	F CA	A 47581 B 47581	9.120 0.007 11.700 0.071			145.528 286 49 +39.247 273 75 145.528 303 08 +39.247 115 17	6.47 6.47	0.70 -5.38 0.70 -5.38	1.65 1.46 1.75 1.79 1.23 17.36 11.10 1.75 1.79 1.23	A 175 0.57																
09422+1332	1	F CA	A 47589 B 47589	8.820 0.006 11.046 0.045			145.551 808 24 +13.529 224 18 145.551 942 23 +13.529 242 66	6.66 6.66	1.24 -34.54 1.24 -34.54	4.97 5.31 4.37 5.31 3.55 50.80 66.45 4.37 5.31 3.55	A 82 0.47																
09423+0219	1	F CA	A 47595 B 47595	8.240 0.007 11.471 0.129	9.797 0.024	8.183 0.012	145.571 293 78 +2.313 227 00 145.570 163 78 +2.312 941 60	-0.99 -0.99	-10.59 -10.64 -10.59 -10.64	1.67 1.04 1.68 1.91 0.98 41.35 23.75 1.68 1.91 0.98	A 255.8 4.19																
09423+1705	1	F CB	A 47598 B 47598	8.394 0.013 11.375 0.175	8.469 0.014	8.335 0.016	145.578 547 22 +17.082 108 97 145.574 840 30 +17.078 686 66	4.42 4.42	-13.82 4.30 -13.82 4.30	1.46 1.03 1.46 1.80 1.28 54.14 42.78 1.46 1.80 1.28	A 226.0 17.73																
09424-0017	1	F CA	A 47604 B 47604	7.164 0.145 8.142 0.358			145.597 340 37 -0.279 475 95 145.597 354 21 -0.279 451 38	5.18 5.18	-11.43 20.17 -11.43 20.17	4.10 7.12 0.96 1.00 0.52 13.26 12.23 0.96 1.00 0.52	A 29 0.10																
09425-2108	1	F CA	A 47607 B 47607	8.318 0.007 11.058 0.077	8.835 0.013 11.590 0.135	8.265 0.012 10.977 0.127	145.615 612 43 -21.134 362 54 145.612 088 72 -21.132 383 08	10.75 10.75	-59.97 -55.61 -59.97 -55.61	1.17 1.14 1.30 1.19 1.15 18.97 18.16 1.30 1.19 1.15	A 301.1 13.81																
09427+4826	1	F CB	A 47633 B 47633	6.394 0.002 10.454 0.078			145.679 667 36 +48.431 057 65 145.679 665 64 +48.430 910 56	7.49 7.49	-30.54 -23.75 -30.54 -23.75	0.79 0.58 0.85 0.73 0.43 34.94 13.74 0.85 0.73 0.43	A 180 0.53																
09427+6016	1	F CA	A 47632 B 47632	10.370 0.010 10.719 0.014			145.679 275 68 +60.267 472 48 145.679 257 89 +60.267 196 80	6.52 6.52	9.33 -9.33 9.33 -9.33	2.47 2.48 3.54 2.84 2.31 5.85 4.90 3.54 2.84 2.31	A 181.8 0.99																
09427-5550	1	L CA	A 47625 B 47625	7.903 0.005 8.208 0.007	8.475 0.012 8.832 0.016	7.826 0.010 8.098 0.015	145.670 810 12 -55.832 165 06 145.669 395 67 -55.831 779 43	23.22 23.22	-152.29 64.29 -147.41 65.09	1.38 1.22 1.32 1.07 1.01 2.19 2.13 1.32 1.07 1.01	A 295.89 3.179 +0.05 -0.004																
09428+0550	1	F ND	A 47639 B 47639	9.328 0.009 12.587 0.171	9.861 0.021	9.230 0.019	145.695 790 02 +5.834 858 56 145.695 422 08 +5.834 614 84	9.29 9.29	-18.25 -29.47 -18.25 -29.47	2.01 1.14 1.91 2.28 1.07 53.33 32.38 1.91 2.28 1.07	A 236 1.58																
09428-2258	1	IND	A 47646 B 47645	8.002 0.013 11.342 0.251	8.449 0.013 11.560 0.133	7.966 0.011 10.732 0.099	145.712 034 97 -22.965 542 70 145.707 232 84 -22.964 298 31	11.87 39.19	-122.11 21.15 -64.06 35.90	1.68 1.90 1.84 1.59 1.77 67.53 77.41 53.37 39.42 44.52	A 285.7 16.54 +0.1 -0.05																
09428-6019	1	F ND	A 47638 B 47638	8.985 0.009 12.516 0.231			145.693 705 37 -60.315 764 29 145.693 582 58 -60.315 651 28	0.96 0.96	-4.80 5.20 -4.80 5.20	1.18 1.26 1.17 1.16 1.05 45.96 49.67 1.17 1.16 1.05	A 332 0.46																
09429+5035	1	F CA	A 47651 B 47651	8.587 0.006 9.300 0.012			145.725 135 55 +50.588 391 60 145.725 085 86 +50.588 298 28	3.26 3.26	-30.37 1.61 -30.37 1.61	1.56 1.25 1.70 1.48 0.92 3.13 2.01 1.70 1.48 0.92	A 199 0.355																
09432+6709	1	F CA	A 47669 P 47669	9.371 0.047 10.185 0.100			145.802 744 47 +67.150 230 04 145.802 878 56 +67.150 302 88	3.16 3.16	-40.03 -10.77 -40.03 -10.77	5.32 6.43 1.95 1.25 1.32 10.42 11.02 1.95 1.25 1.32	A 36 0.32																
09433-1620	1	F ND	A 47679 B 47679	8.130 0.008 11.737 0.217	9.276 0.017	8.090 0.011	145.827 306 25 -16.328 239 75 145.826 906 46 -16.324 756 64	4.28 4.28	-4.73 -2.75 -4.73 -2.75	2.01 1.18 1.69 2.63 1.51 50.95 50.73 1.69 2.63 1.51	A 353.7 12.62																
09433-6002	1	I CA	A 47676 B 47677	7.582 0.005 10.160 0.049	7.492 0.007 9.964 0.032	7.586 0.010 9.850 0.041	145.819 332 09 -60.029 345 04 145.825 120 68 -60.027 484 76	1.70 3.66	-13.39 7.81 -8.24 10.48	1.11 1.10 0.97 1.09 1.10 14.14 13.52 5.93 10.62 9.72	A 57.2 12.38 0.0 +0.01																
09434+6127	1	F CB	A 47688 B 47688	10.176 0.009 12.786 0.101	11.265 0.041	10.062 0.022	145.852 392 70 +61.445 113 20 145.848 208 90 +61.443 210 85	2.24 2.24	-7.10 1.14 -7.10 1.14	1.51 2.01 3.09 1.73 2.14 28.06 45.89 3.09 1.73 2.14	A 226.4 9.94																
09434-5717	1	F FD	A 47691 B 47691	11.863 0.559 12.133 0.716			145.856 774 65 -57.282 129 10 145.856 894 01 -57.282 070 06	-2.39 -2.39	-6.81 7.22 -6.81 7.22	69.65 65.10 10.07 10.17 9.79 78.86 75.52 10.07 10.17 9.79	A 48 0.31																
09435+0238	1	F CA	A 47693 B 47693	7.580 0.004 10.518 0.056	8.059 0.010	7.514 0.009	145.863 462 69 +2.627 515 26 145.864 238 53 +2.626 652 75	6.91 6.91	45.25 1.62 45.25 1.62	1.15 0.71 1.16 1.38 0.67 13.63 9.54 1.16 1.38 0.67	A 138.1 4.17																
09435+0612	1	F CA	A 47696 B 47696	9.021 0.007 9.378 0.009			145.872 550 42 +6.207 827 19 145.872 291 34 +6.207 734 78	6.27 6.27	-24.27 -30.74 -24.27 -30.74	3.00 1.64 2.52 2.90 1.49 6.03 3.63 2.52 2.90 1.49	A 250.3 0.99																
09436-5156	1	F ND	A 47708 C 47708	9.751 0.031 12.283 0.263	10.103 0.025	9.685 0.027	145.906 839 64 -51.940 939 54 145.914 182 44 -51.937 474 84	7.54 7.54	-24.70 -5.09 -24.70 -5.09	1.34 1.38 1.51 1.38 1.47 62.39 62.58 1.51 1.38 1.47	A 52.6 20.52																
09437+3229	1	F CA	A 47714 B 47714	10.936 0.015 12.042 0.041			145.914 199 32 +32.480 173 82 145.913 881 35 +32.480 131 94	4.51 4.51	23.10 -30.09 23.10 -30.09	3.06 1.95 3.22 3.48 1.88 13.15 8.68 3.22 3.48 1.88	A 261 0.98																



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09437+3625	1	FCA	A 47716 B 47716	11.213 12.382	0.019 0.054			145.919 230 24 145.919 411 05	+36.416 502 70 +36.415 781 56	19.89 19.89	-193.70 -193.70	-64.57 -64.57	4.17 2.39 4.20 4.11 2.01 15.59 11.87 4.20 4.11 2.01	A 168.6 2.65												
09439-5738	1	FCA	A 47736 D 47736	8.259 9.822	0.049 0.026			145.972 477 52 145.972 469 29	-57.636 801 98 -57.636 745 77	9.11 9.11	-27.02 -27.02	35.19 35.19	2.59 5.44 0.99 0.90 0.96 15.75 16.43 0.99 0.90 0.96	A 356 0.20												
09442-2746	1	FCA	A 47758 S 47758	5.300 6.178	0.054 0.120			146.050 548 85 146.050 528 61	-27.769 553 55 -27.769 583 81	8.49 8.49	-53.06 -53.06	37.76 37.76	1.90 2.97 0.73 0.60 0.54 4.65 5.85 0.73 0.60 0.54	A 211 0.127												
09444+4047	1	FCA	A 47776 B 47776	9.420 11.078	0.006 0.029			146.104 924 63 146.105 266 00	+40.784 574 70 +40.784 602 80	3.74 3.74	2.81 2.81	-0.27 -0.27	1.82 1.21 2.03 2.01 1.12 10.79 7.53 2.03 2.01 1.12	A 83.8 0.94												
09444+4429	1	FND	D 47775	10.537 13.885	0.011 0.242	11.538	0.090 10.440 0.052	146.104 495 85 146.104 905 88	+44.486 058 26 +44.486 036 02	20.90 20.90	100.72 100.72	-187.73 -187.73	2.00 1.24 2.38 1.87 1.19 79.10 48.72 2.38 1.87 1.19	A 94 1.06												
09448-7554	1	FCA	A 47810 B 47810	9.277 9.969	0.007 0.013	9.931	0.022 9.148 0.018 10.471 0.036 9.761 0.030	146.194 124 54 146.197 016 69	-75.899 221 86 -75.901 517 72	5.71 5.71	-58.53 -58.53	28.97 28.97	1.75 1.55 1.56 1.80 1.46 4.77 4.81 1.56 1.80 1.46	A 162.94 8.65												
09449-5505	1	ICA	A 47821 B 47821	9.102 10.519	0.022 0.063	9.401	0.017 9.005 0.017 9.561 0.031 10.366 0.064	146.221 403 06 146.212 232 37	-55.091 391 45 -55.090 361 96	5.12 15.73	7.62 5.09	-4.72 -4.58	2.05 2.10 1.93 2.09 2.04 16.02 17.16 8.04 8.44 7.97	A 281.09 19.25 0.00 0.00												
09449-8031	1	ICB	A 47829 S 47815	9.393 10.312	0.028 0.052	10.196	0.027 9.322 0.021 11.662 0.098 10.176 0.040	146.235 925 00 146.208 447 93	-80.509 004 53 -80.512 962 18	10.00 5.74	44.04 -11.25	51.34 -1.31	2.74 2.59 2.37 3.58 2.59 16.30 15.97 8.37 11.99 9.28	A 228.84 21.65 -0.01 +0.08												
09450+4314	1	FCA	B 47834 A 47834	9.044 9.112	0.007 0.008	9.447	0.025 8.979 0.024 9.025 0.024	146.253 110 91 146.254 656 10	+43.228 956 85 +43.228 013 71	9.30 9.30	-14.45 -14.45	-100.72 -100.72	3.55 1.54 2.25 2.55 1.11 4.86 2.44 2.25 2.55 1.11	B 130.0 5.29												
09450-4929	1	INB	B 47839 A 47836	8.034 8.384	0.042 0.049	8.611	0.013 8.082 0.013 8.810 0.013 8.215 0.011	146.265 333 57 146.257 784 23	-49.485 601 67 -49.487 392 33	19.34 20.99	-22.13 -20.91	101.86 102.40	8.34 8.36 4.82 5.04 5.04 6.30 6.57 6.26 6.29 6.62	B 249.94 18.80 0.00 0.00												
09452+4109	1	FCA	A 47851 P 47851	10.364 11.023	0.089 0.163			146.304 402 51 146.304 443 98	+41.155 093 24 +41.155 138 93	12.95 12.95	-8.30 -8.30	-6.52 -6.52	10.21 8.41 2.37 2.30 1.18 13.33 12.01 2.37 2.30 1.18	A 34 0.20												
09452-5045	1	ICA	A 47848 B 47846	9.049 11.141	0.013 0.085	9.607	0.026 8.913 0.023 11.569 0.154 11.322 0.192	146.295 467 46 146.289 668 02	-50.744 605 01 -50.746 940 34	13.20 4.41	-125.89 -54.76	67.90 33.92	2.23 2.12 2.10 2.23 2.18 30.69 31.47 13.36 28.84 29.15	A 237.5 15.66 -0.2 -0.04												
09452-5929	1	FCA	A 47850 B 47850	7.818 9.928	0.004 0.028	9.004	0.018 7.760 0.008 9.892 0.043 9.428 0.042	146.303 144 72 146.301 993 81	-59.475 884 74 -59.475 726 34	1.83 1.83	-8.14 -8.14	1.87 1.87	0.87 0.78 0.87 0.88 0.83 6.48 5.69 0.87 0.88 0.83	A 285.2 2.18												
09453+0853	1	FND	D 47862	7.216 11.043	0.004 0.132	7.657	0.005 7.157 0.006 11.934 0.141 10.752 0.075	146.319 958 04 146.320 185 25	+8.882 819 42 +8.880 162 41	13.55 13.55	-97.18 -97.18	-17.00 -17.00	1.40 0.73 1.44 1.45 0.64 45.49 22.01 1.44 1.45 0.64	A 175.2 9.60												
09453-2020	1	FCA	A 47866 B 47866	8.748 9.950	0.007 0.020	8.930	0.014 8.616 0.018 9.918 0.042 9.577 0.038	146.336 544 78 146.336 363 83	-20.340 173 93 -20.339 426 09	2.38 2.38	-17.91 -17.91	-3.56 -3.56	1.56 1.67 1.88 1.77 2.13 5.53 6.99 1.88 1.77 2.13	A 347.2 2.76												
09454-0829	1	FCB	A 47874 B 47874	7.447 10.505	0.018 0.301			146.355 437 34 146.355 360 52	-8.482 461 76 -8.482 473 78	4.06 4.06	-7.35 -7.35	-24.66 -24.66	3.51 2.03 1.15 1.18 0.73 33.64 19.24 1.15 1.18 0.73	A 261 0.28												
09454-5418	1	FCA	A 47875 B 47875	8.793 11.720	0.005 0.072	8.704	0.012 8.772 0.017	146.359 095 08 146.360 176 96	-54.299 438 45 -54.300 503 37	3.27 3.27	-12.32 -12.32	8.42 8.42	0.90 0.94 1.03 0.89 0.87 18.03 16.96 1.03 0.89 0.87	A 149.3 4.46												
09457-3902	1	FND	D 47890 B 47890	12.644 13.183	0.092 0.150			146.417 412 57 146.417 499 08	-39.040 163 41 -39.040 039 78	34.92 34.92	-126.18 -126.18	-236.35 -236.35	5.86 7.91 6.70 4.53 5.32 30.97 32.58 6.70 4.53 5.32	A 29 0.51												
09457-4140	1	FCA	A 47898 B 47898	7.652 9.454	0.005 0.020	7.546	0.006 7.666 0.007 9.386 0.020 9.227 0.024	146.432 930 65 146.432 831 86	-41.666 980 60 -41.664 784 85	2.41 2.41	-11.86 -11.86	0.91 0.91	0.86 0.90 1.14 0.86 0.90 6.03 5.44 1.14 0.86 0.90	A 358.07 7.91												
09457-5711	1	FCA	A 47893 B 47893	6.537 9.223	0.015 0.157			146.419 319 04 146.419 448 27	-57.186 062 26 -57.186 035 81	3.75 3.75	-18.69 -18.69	7.75 7.75	2.11 1.41 0.70 0.60 0.60 17.45 17.01 0.70 0.60 0.60	A 69 0.27												
09457-7007	1	FCA	A 47892 B 47892	7.239 9.818	0.004 0.034	7.168	0.006 7.193 0.007	146.418 184 20 146.419 327 38	-70.118 262 69 -70.118 538 40	2.98 2.98	-7.23 -7.23	8.48 8.48	0.70 0.67 0.68 0.81 0.64 7.72 8.08 0.68 0.81 0.64	A 125.3 1.72												
09458-4720	1	FCA	A 47901 B 47901	9.246 10.470	0.164 0.507			146.437 871 22 146.437 815 76	-47.331 613 60 -47.331 601 84	6.01 6.01	-52.48 -52.48	43.16 43.16	9.85 4.77 0.91 0.85 0.83 33.90 19.56 0.91 0.85 0.83	A 287 0.14												
09460+7643	1	FCA	A 47925 B 47925	8.814 10.135	0.005 0.015	9.133	0.013 8.664 0.012 10.128 0.044 9.678 0.047	146.502 676 77 146.504 394 36	+76.710 766 66 +76.710 356 49	4.32 4.32	-3.49 -3.49	11.24 11.24	1.13 1.01 1.24 1.37 1.04 4.60 4.11 1.24 1.37 1.04	A 136.1 2.050												
09460-0306	1	FCA	A 47916 B 47916	8.984 9.133	0.016 0.018			146.491 718 13 146.491 826 00	-3.107 966 76 -3.108 008 38	8.38 8.38	-32.78 -32.78	-12.61 -12.61	2.99 2.18 1.95 2.42 1.25 3.31 2.47 1.95 2.42 1.25	A 111.1 0.416												
09461-4555	1	FCA	A 47940 B 47940	6.839 9.697	0.003 0.042	7.832	0.008 6.765 0.004 10.162 0.030 9.598 0.029	146.537 495 89 146.535 283 24	-45.917 950 54 -45.920 006 60	4.23 4.23	-15.32 -15.32	-2.18 -2.18	0.67 0.68 0.78 0.82 0.82 9.89 8.84 0.78 0.82 0.82	A 216.8 9.25												
09462+3110	1	FND	D 47945	9.938 13.437	0.014 0.333	11.181	0.069 9.877 0.037	146.554 042 71 146.553 230 05	+31.167 765 15 +31.167 493 48	8.96 8.96	-62.77 -62.77	-65.11 -65.11	2.11 1.56 2.03 2.61 1.81 91.27 59.02 2.03 2.61 1.81	A 249 2.69												
09462-3217	1	LCB	A 47944 B 47944	11.374 12.907	0.020 0.081			146.549 445 33 146.548 725 04	-32.289 988 15 -32.287 694 55	3.36 3.36	-5.66 -5.66	3.77 -3.72	3.14 3.10 3.94 2.66 2.66 23.50 22.40 3.94 13.03 12.27	A 345.1 8.54 -0.3 +0.01												

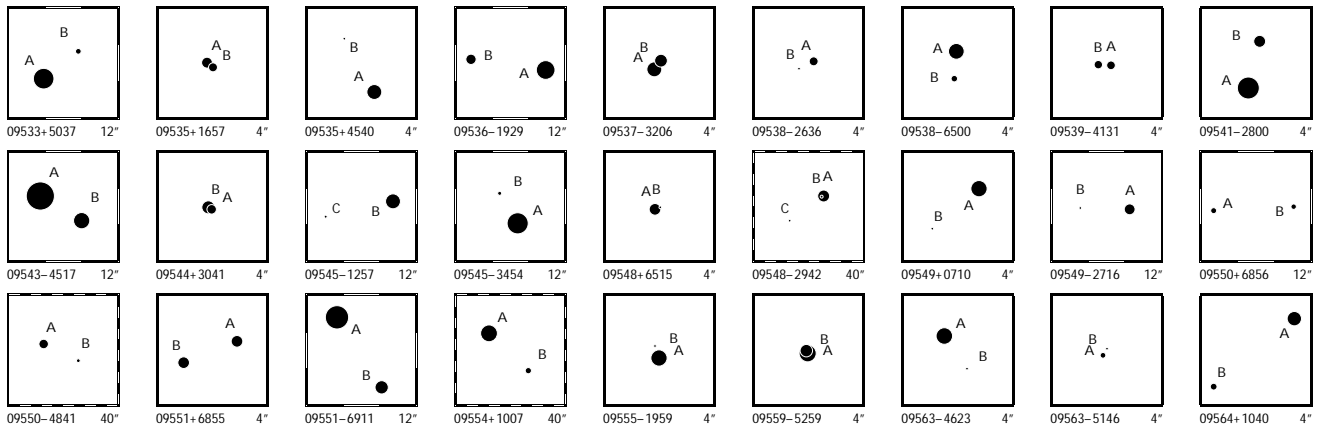


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09466-4955	1	F CA	A 47969 B 47969	9.177 0.122 10.422 0.385					146.650 102 12	-49.916 758 33	6.56		-14.26	29.02	6.73	7.77	0.97	0.88	0.87					A 337	0.15		
09471-6504	1	F CA	A 48002 B 48002	3.075 0.002 6.253 0.039	3.323 0.003 6.105 0.012	3.034 0.003 5.998 0.015			146.775 573 40	-65.072 018 88	2.01		-11.55	4.97	0.42	0.39	0.40	0.49	0.38					A 127.9	5.03		
09473+7908	1	L CA	A 48017 B 48017	6.310 0.041 8.464 0.300					146.825 596 28	+79.136 732 25	7.83		-27.71	-25.85	3.77	1.57	0.53	1.09	2.36					A 248	0.16	+17	0.00
09473-4900	1	F ND	D A 48012 B 48012	10.053 0.011 13.577 0.262	10.401 0.030	9.988 0.032			146.815 509 37	-48.996 556 65	4.09		-19.43	11.67	1.39	1.47	1.63	1.43	1.59					A 189	5.63		
09474-5646	1	F CA	A 48028 B 48028	7.874 0.011 9.667 0.055					146.852 315 09	-56.762 646 16	1.89		-10.23	2.32	1.63	1.54	0.74	0.63	0.58					A 227	0.32		
09475-3743	1	F CA	A 48031 B 48031	7.803 0.003 10.066 0.020					146.869 307 78	-37.724 493 72	10.09		-3.36	-12.22	0.66	0.79	1.14	0.61	0.78					A 334.9	0.89		
09476+5057	1	L CA	A 48041 B 48041	9.558 0.007 9.617 0.008	9.873 0.038 9.777 0.020	9.196 0.035 9.300 0.023			146.900 361 38	+50.954 811 01	0.40		-62.93	-17.25	2.66	2.04	2.79	2.67	1.64					A 73.5	2.202	-0.2	0.000
09476-6803	1	F CA	A 48040 B 48040	9.170 0.007 10.657 0.025					146.899 766 55	-68.055 542 92	4.24		18.06	-10.19	1.64	1.45	1.47	1.95	1.28					A 238	0.61		
09477+1023	1	F CA	A 48049 B 48049	8.261 0.018 9.209 0.042					146.922 156 27	+10.384 937 96	4.05		-25.73	-1.54	2.61	1.71	1.20	1.47	0.60					A 250	0.261		
09477+2036	1	F CA	A 48051 B 48051	8.146 0.108 8.307 0.125					146.928 260 65	+20.604 761 00	10.87		73.79	-2.84	7.27	6.27	0.90	0.85	0.54					A 52	0.136		
09477-4051	1	F CA	A 48053 B 48053	8.610 0.005 10.607 0.033					146.932 087 82	-40.854 828 65	3.97		-28.14	4.53	1.04	1.11	1.47	1.12	1.21					A 261.7	1.02		
09478+1004	1	F CA	A 48055 B 48055	7.749 0.003 10.185 0.027	8.673 0.010	7.612 0.007			146.941 401 06	+10.074 959 19	4.35		-27.44	-7.49	1.29	0.69	1.20	1.50	0.61					A 297.1	1.25		
09478-2736	1	F CA	A 48059 B 48059	8.249 0.005 10.015 0.022	8.292 0.011 9.873 0.048	8.191 0.013 9.593 0.059			146.961 661 85	-27.598 537 25	3.60		-16.03	11.52	1.15	1.39	1.48	1.18	1.47					A 219.1	2.01		
09482-4126	1	F CA	A 48085 B 48085	8.810 0.005 9.835 0.012					147.049 643 66	-41.427 135 12	6.62		-12.50	6.27	1.37	1.39	1.88	1.47	1.50					A 119.3	0.694		
09482-4728	1	F ND	D A 48086 B 48086	8.450 0.007 12.518 0.261	9.409 0.015	8.385 0.010			147.049 568 34	-47.470 146 20	7.24		4.95	-52.77	0.96	1.01	1.12	1.10	1.07					A 21	6.30		
09487-2625	1	F CB	A 48125 B 48125	6.751 0.003 10.817 0.129	7.144 0.006	6.694 0.006			147.178 915 71	-26.414 530 57	25.11		-153.73	35.61	0.64	0.68	0.74	0.65	0.72					A 306	1.76		
09487-5100	1	F CA	A 48123 B 48123	9.668 0.008 9.700 0.008					147.173 859 40	-50.998 742 88	3.21		-25.67	21.29	3.25	3.25	2.38	2.46	2.49					B 304	0.552		
09488-3501	1	L CA	A 48131 B 48131	8.112 0.004 8.168 0.005	8.269 0.013 8.312 0.014	7.974 0.015 8.002 0.015			147.188 572 84	-35.020 214 59	5.52		-23.75	7.08	1.09	1.37	1.48	0.96	1.24					A 121.78	4.329	-0.10	-0.001
09488-5237	1	F CA	A 48133 B 48133	8.096 0.004 11.752 0.115					147.195 713 35	-52.616 278 21	38.14		-229.90	233.52	0.80	0.78	0.89	0.86	0.83					A 357	0.74		
09489-7450	1	F CA	A 48149 B 48149	10.417 0.011 11.494 0.029	10.959 0.048	10.288 0.043			147.228 266 06	-74.836 829 57	2.71		-25.81	1.29	1.80	1.73	1.70	1.88	1.60					A 254.0	4.94		
09490-4526	1	F CA	A 48162 B 48162	9.148 0.007 11.617 0.065	10.411 0.034	9.074 0.019			147.252 680 23	-45.440 463 46	2.33		20.38	-6.85	1.07	1.10	1.34	1.23	1.33					A 69.8	8.97		
09491-6301	1	F CA	A 48166 B 48166	7.852 0.005 10.303 0.045	7.832 0.008 10.213 0.048	7.807 0.010 9.957 0.061			147.265 109 92	-63.022 300 08	2.27		-6.89	5.24	0.89	0.79	0.86	0.98	0.81					A 116.8	4.75		
09492-7701	1	F ND	D A 48175 B 48175	8.264 0.008 12.599 0.398	9.861 0.024	8.274 0.012			147.288 844 38	-77.013 842 95	3.72		-2.58	-3.66	1.11	0.87	0.98	1.11	0.97					A 38	1.53		
09494+1832	1	F CA	A 48189 B 48189	9.451 0.232 9.556 0.256					147.354 904 69	+18.525 974 88	7.93		-33.26	-21.99	6.61	11.12	1.21	1.58	0.67					A 202	0.14		
09495-5520	1	L CA	A 48190 B 48190	10.579 0.014 12.320 0.070					147.364 892 57	-55.335 353 66	47.47		201.29	-138.78	2.86	2.57	2.78	2.27	1.86					A 305.1	0.93	-1.6	-0.05
09498+2111	1	L CA	P A 48218 B 48218	6.615 0.026 7.307 0.050					147.458 849 85	+21.179 471 96	6.34		-44.54	-18.49	1.84	2.28	0.94	1.19	0.81					A 209	0.171	+1	-0.011
09498+5253	1	F CA	A 48211 B 48211	7.547 0.036 8.935 0.129					147.440 477 69	+52.891 063 92	6.95		-41.07	-42.19	2.99	3.38	0.85	0.75	0.47					A 9	0.18		



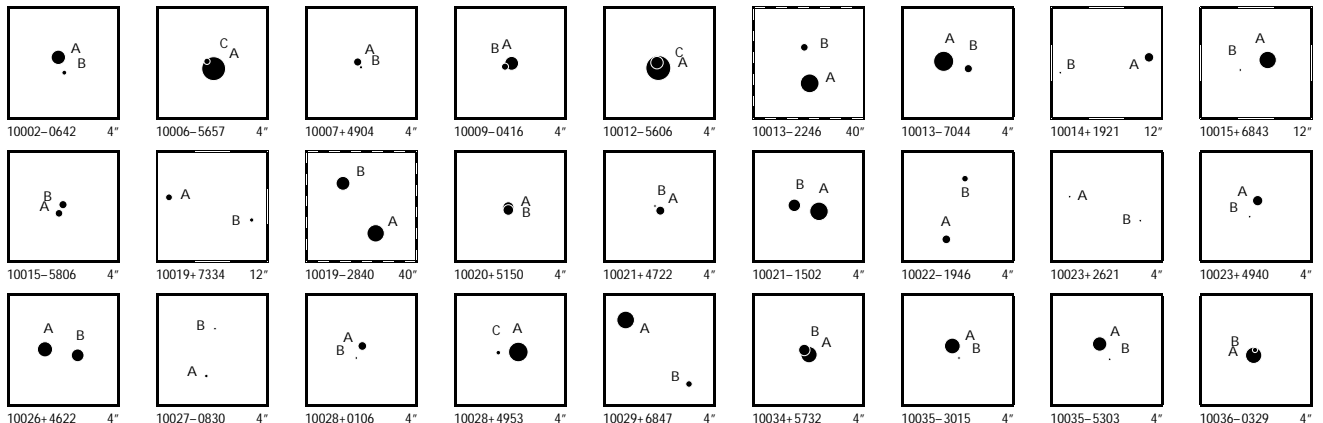
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B_T	σ	V_T	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	$d\theta/dt$	dp/dt				
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
09500+0148	1	F CA	A 48238	8.922	0.007						147.511 968 23	+1.793 618 95	3.36	-34.04	-9.70	1.97	1.20	1.95	2.20	1.02							
			B 48238	9.923	0.018							147.512 041 70	+1.793 909 79	3.36	-34.04	-9.70	6.03	4.95	1.95	2.20	1.02	A	14.2	1.080			
09500+1634	1	F CA	A 48226	9.053	0.010						147.491 535 44	+16.559 801 27	7.12	-47.11	16.90	2.41	1.43	2.14	2.89	1.21							
			B 48226	10.898	0.055							147.491 384 23	+16.560 044 41	7.12	-47.11	16.90	20.30	8.49	2.14	2.89	1.21	A	329	1.02			
09500-2108	1	F CA	A 48231	9.035	0.008						147.501 912 53	-21.129 492 34	2.54	0.42	4.79	2.01	1.95	2.02	1.67	2.01							
			B 48231	10.009	0.018							147.501 872 20	-21.129 354 39	2.54	0.42	4.79	7.39	4.23	2.02	1.67	2.01	A	345	0.515			
09502-4937	1	F CA	A 48249	8.118	0.004	8.552	0.011	8.047	0.011			147.544 587 65	-49.619 844 98	10.30	10.50	-39.09	0.96	0.95	1.11	0.99	0.95						
			B 48249	9.348	0.014	9.753	0.028	9.209	0.027			147.545 621 34	-49.618 360 69	10.30	10.50	-39.09	4.58	3.76	1.11	0.99	0.95	A	24.28	5.862			
09502-5813	1	F CA	A 48251	8.089	0.005	8.010	0.007	8.076	0.009			147.548 088 32	-58.215 637 44	2.43	-8.91	6.17	0.82	0.87	0.92	0.85	0.88						
			B 48251	10.598	0.047	10.946	0.056	10.295	0.051			147.553 776 32	-58.217 247 16	2.43	-8.91	6.17	12.99	11.25	0.92	0.85	0.88	A	118.3	12.24			
09503+5707	1	F CA	A 48257	10.691	0.011						147.565 914 31	+57.109 747 39	-0.59	17.11	3.06	7.36	5.33	5.67	6.91	3.92							
			B 48257	10.871	0.013							147.565 683 00	+57.109 658 07	-0.59	17.11	3.06	9.54	5.61	5.67	6.91	3.92	B	235	0.55			
09510-5808	1	F CA	A 48322	9.426	0.009	9.815	0.018	9.206	0.020			147.754 695 89	-58.127 061 26	13.36	44.87	-77.01	1.47	1.56	1.59	1.44	1.36						
			B 48322	10.664	0.027	10.537	0.085	9.822	0.043			147.755 039 09	-58.127 707 74	13.36	44.87	-77.01	6.48	7.48	1.59	1.44	1.36	A	164.3	2.42			
09510-8004	1	F CA	A 48320	6.677	0.021						147.753 290 03	-80.061 091 57	4.64	-3.19	15.33	3.01	2.56	0.57	0.66	0.54							
			B 48320	8.608	0.126							147.753 598 57	-80.061 121 55	4.64	-3.19	15.33	12.63	13.78	0.57	0.66	0.54	A	119	0.22			
09511-6311	1	F CA	A 48332	8.886	0.008						147.781 850 74	-63.177 599 23	2.21	-8.04	6.77	1.34	1.19	1.29	1.42	1.19							
			B 48332	11.882	0.117							147.781 267 72	-63.177 590 86	2.21	-8.04	6.77	28.57	30.54	1.29	1.42	1.19	A	272	0.95			
09512+3629	1	F CA	A 48337	8.541	0.013						147.789 168 08	+36.489 177 82	7.52	-95.13	-21.12	2.42	1.46	1.80	1.82	1.04							
			B 48337	8.752	0.016							147.789 302 66	+36.489 154 07	7.52	-95.13	-21.12	3.29	2.36	1.80	1.82	1.04	A	102.4	0.399			
09513+6037	1	F CA	A 48343	9.061	0.008						147.813 562 49	+60.616 797 49	6.13	-17.28	7.92	1.96	1.98	3.07	2.36	1.77							
			B 48343	9.253	0.009							147.813 435 43	+60.616 538 31	6.13	-17.28	7.92	3.60	3.48	3.07	2.36	1.77	A	193.5	0.960			
09514+8257	1	F CA	A 48354	11.233	0.009						147.848 217 46	+82.954 802 13	8.65	-139.98	-194.72	3.66	3.00	3.47	4.77	2.88							
			B 48354	11.596	0.013							147.851 716 48	+82.955 129 72	8.65	-139.98	-194.72	7.40	6.58	3.47	4.77	2.88	A	52.6	1.94			
09514-1633	1	F CA	A 48355	8.193	0.007	8.610	0.010	8.080	0.010			147.853 471 71	-16.558 311 48	5.62	-64.86	-1.21	1.66	1.39	1.71	1.75	1.45						
			B 48355	10.735	0.075							147.853 760 43	-16.558 166 43	5.62	-64.86	-1.21	31.80	11.20	1.71	1.75	1.45	A	62	1.12			
09515-2553	1	F CA	A 48357	9.204	0.010						147.875 185 35	-25.886 595 33	1.29	-21.78	14.57	2.03	1.64	1.61	1.78	1.45							
			B 48357	12.043	0.133							147.875 304 28	-25.886 686 85	1.29	-21.78	14.57	23.95	20.58	1.61	1.78	1.45	A	131	0.51			
09516-5917	1	I CA	A 48367	9.499	0.009	9.463	0.021	9.431	0.028			147.906 867 23	-59.285 080 75	0.45	-11.29	6.26	3.09	2.92	2.60	2.96	2.75						
			B 48368	10.167	0.016	10.947	0.062	10.001	0.041			147.907 920 48	-59.288 288 40	1.23	-18.85	7.92	8.69	7.27	5.46	6.94	5.99	A	170.48	11.71	+0.04	0.00	
09520-6947	1	I NB	A 48395	8.916	0.020	9.498	0.018	8.833	0.016			147.994 579 09	-69.788 871 17	5.23	13.54	10.00	1.96	1.89	1.66	2.22	1.79						
			B 48400	11.361	0.141	11.471	0.105	11.017	0.118			148.013 053 97	-69.791 192 60	-11.65	2.63	8.40	35.69	33.87	20.26	28.45	20.97	A	110.0	24.45	0.0	-0.01	
09521+1628	1	F NB G	A 48406	9.346	0.014	9.316	0.020	9.122	0.023			148.035 573 09	+16.463 007 75	-0.49	-1.37	-0.30	2.94	1.42	2.28	3.02	1.20						
			B 48406	10.113	0.021	9.902	0.030	9.694	0.042			148.035 275 19	+16.462 455 54	-0.49	-1.37	-0.30	8.04	3.40	2.28	3.02	1.20	A	207.4	2.238			
			C 48406	11.867	0.140	11.627	0.129	11.203	0.154			148.037 711 22	+16.465 381 89	-0.49	-1.37	-0.30	50.23	20.50	2.28	3.02	1.20	A	40.8	11.29			
09521+5404	1	L CA	A 48402	5.277	0.031						148.026 514 53	+54.064 308 40	7.47	8.65	15.71	1.86	3.41	0.82	1.24	0.74							
			B 48402	5.394	0.035							148.026 485 28	+54.064 260 50	7.47	-18.53	23.04	1.86	3.02	0.82	1.30	0.78	A	200	0.183	+9	+0.002	
09522+0807	1	F CA	A 48412	8.849	0.007						148.049 250 32	+8.112 568 85	15.56	-56.87	-75.96	1.83	1.22	1.87	1.88	1.07							
			B 48412	11.898	0.116							148.049 052 89	+8.112 585 60	15.56	-56.87	-75.96	34.39	29.05	1.87	1.88	1.07	A	275	0.71			
09523+4058	1	F CA	A 48418	8.106	0.007	8.303	0.009	8.000	0.011			148.064 682 74	+40.970 386 06	12.32	3.28	1.94	1.30	0.92	1.38	1.42	0.85						
			B 48418	10.536	0.062							148.064 033 67	+40.970 571 13	12.32	3.28	1.94	16.43	7.59	1.38	1.42	0.85	A	290.7	1.89			
09523-2840	1	F CA	A 48420	9.477	0.010	9.543	0.020	9.304	0.024			148.065 685 59	-28.661 038 37	-1.62	-17.56	6.07	2.61	2.08	2.38	2.72	2.14						
			B 48420	10.235	0.019	10.366	0.040	10.034	0.044			148.064 926 54	-28.663 418 65	-1.62	-17.56	6.07	7.66	6.67	2.38	2.72	2.14	A	195.6	8.90			
09523-6736	1	F CA	A 48426	8.851	0.087						148.085 508 56	-67.596 223 19	3.13	-10.23	2.33	5.07	7.00	0.79	0.91	0.77							
			B 48426	9.434	0.149							148.085 441 79	-67.596 179 19	3.13	-10.23	2.33	8.06	10.87	0.79	0.91	0.77	A	330	0.18			
09524+2659	1	L CA	A 48429	9																							

System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09533+5037	1	F CA	A 48485 B 48485	7.468 0.004 10.754 0.085	8.598 0.009 11.326 0.134	7.406 0.006 10.310 0.087	148.321 757 64 +50.621 261 50 148.320 091 19 +50.622 103 43	5.28 5.28	8.34 -23.87 8.34 -23.87	0.91 0.75 1.12 0.89 0.67 21.42 15.46 1.12 0.89 0.67	A 308.5 4.87														
09535+1657	1	L CA	A 48504 B 48504	9.617 0.037 10.016 0.054			148.379 113 79 +16.950 539 18 148.379 054 02 +16.950 489 57	18.29 18.29	-9.45 -51.05 6.32 -46.76	5.17 4.37 1.90 2.85 1.52 8.32 6.83 1.90 4.06 2.30	A 229 0.273 -1 -0.015														
09535+4540	1	F ND D	A 48500 B 48500	8.711 0.005 12.851 0.224	9.762 0.016	8.648 0.011	148.364 069 47 +45.670 700 80 148.364 498 66 +45.671 243 18	3.10 3.10	8.79 -23.07 8.79 -23.07	1.22 0.99 1.54 1.07 0.90 73.08 61.42 1.54 1.07 0.90	A 29 2.23														
09536-1929	1	F CA	A 48507 B 48507	7.872 0.006 9.714 0.030	8.971 0.015 10.104 0.039	7.800 0.010 9.563 0.036	148.389 320 79 -19.485 055 91 148.391 744 52 -19.484 734 35	2.01 2.01	14.93 -8.84 14.93 -8.84	1.30 1.09 1.37 1.47 1.04 6.73 8.59 1.37 1.47 1.04	A 82.0 8.31														
09537-3206	1	F CA	A 48517 B 48517	8.700 0.009 9.192 0.014			148.422 540 35 -32.102 653 90 148.422 461 91 -32.102 557 17	6.16 6.16	26.32 -37.26 26.32 -37.26	1.62 1.95 1.56 1.30 1.99 3.23 3.18 1.56 1.30 1.99	A 326 0.422														
09538-2636	1	F CA	A 48529 B 48529	10.009 0.009 11.676 0.040			148.459 971 52 -26.597 762 80 148.460 135 51 -26.597 847 13	5.49 5.49	-19.96 -30.76 -19.96 -30.76	2.18 1.97 2.25 2.21 2.12 13.28 13.39 2.25 2.21 2.12	A 120 0.61														
09538-6500	1	F CA	A 48526 B 48526	8.542 0.006 10.565 0.034			148.456 002 37 -65.004 488 63 148.456 056 96 -65.004 773 33	3.15 3.15	-16.92 7.07 -16.92 7.07	1.07 0.96 1.03 1.21 0.94 8.43 8.34 1.03 1.21 0.94	A 175.4 1.03														
09539-4131	1	F CA	A 48533 B 48533	10.091 0.012 10.154 0.012			148.482 342 17 -41.522 269 20 148.482 518 37 -41.522 267 28	1.74 1.74	-34.35 23.79 -34.35 23.79	3.25 2.34 3.05 3.20 1.91 4.57 4.56 3.05 3.20 1.91	A 89 0.475														
09541-2800	1	F CA	A 48547 B 48547	7.150 0.004 9.371 0.029	6.972 0.008	7.078 0.010	148.521 440 77 -27.999 004 51 148.521 300 69 -27.998 531 76	2.70 2.70	-15.77 -5.03 -15.77 -5.03	0.87 0.88 0.97 0.90 0.99 7.33 5.56 0.97 0.90 0.99	A 345.7 1.76														
09543-4517	1	F CA	A 48561 B 48561	5.778 0.002 8.376 0.023	5.634 0.003 8.276 0.013	5.777 0.004 8.230 0.016	148.573 618 75 -45.283 527 16 148.571 794 78 -45.284 273 75	3.86 3.86	-17.20 4.42 -17.20 4.42	0.53 0.52 0.63 0.55 0.54 6.33 6.03 0.63 0.55 0.54	A 239.8 5.34														
09544+3041	1	F CA	A 48572 B 48572	9.125 0.119 9.921 0.248			148.600 084 51 +30.688 377 60 148.600 045 45 +30.688 350 71	7.34 7.34	-27.70 -33.18 -27.70 -33.18	7.41 6.64 1.11 0.97 0.57 14.41 12.93 1.11 0.97 0.57	B 231 0.15														
09545-1257	1	F CB	B 48574 C 48574	8.713 0.012 11.315 0.122	8.837 0.026	8.667 0.029	148.614 052 08 -12.922 311 49 148.616 194 10 -12.922 788 62	1.30 1.30	-26.26 2.81 -26.26 2.81	2.19 1.53 2.16 3.02 1.53 40.84 25.57 2.16 3.02 1.53	B 102.9 7.71														
09545-3454	1	F CA	A 48587 B 48587	7.317 0.003 11.081 0.087	7.396 0.004	7.278 0.004	148.635 411 97 -34.906 959 54 148.636 095 94 -34.906 024 38	6.23 6.23	-22.65 10.30 -22.65 10.30	0.59 0.61 0.94 0.63 0.60 23.62 21.44 0.94 0.63 0.60	A 31.0 3.93														
09548+6515	1	F CB	A 48612 B 48612	9.422 0.073 11.489 0.492			148.704 498 16 +65.250 246 54 148.704 371 13 +65.250 264 27	14.99 14.99	-89.24 -167.31 -89.24 -167.31	7.04 5.34 1.53 1.01 1.01 52.66 29.41 1.53 1.01 1.01	A 288 0.20														
09548-2942	1	F CA G	A 48610 B 48610 C 48610	9.372 0.026 11.334 0.101 11.451 0.145	11.487 0.101	10.800 0.085	148.700 265 64 -29.707 674 74 148.700 524 05 -29.707 688 68 148.704 383 88 -29.710 168 55	8.34 8.34 8.34	-20.36 4.70 -20.36 4.70 -20.36 4.70	2.53 3.58 4.05 3.04 4.82 14.51 19.39 4.05 3.04 4.82 18.72 29.55 4.05 3.04 4.82	A 94 0.81 A 124.9 15.70														
09549+0710	1	F CA	A 48618 B 48618	8.407 0.006 11.970 0.145	8.456 0.011	8.366 0.014	148.722 143 90 +7.171 739 92 148.722 634 26 +7.171 333 19	3.56 3.56	-21.47 -2.10 -21.47 -2.10	1.48 0.95 1.46 1.55 0.88 40.36 30.82 1.46 1.55 0.88	A 130 2.28														
09549-2716	1	F CB	A 48622 B 48622	9.587 0.011 12.491 0.152	10.955 0.053	9.535 0.025	148.725 287 01 -27.260 436 10 148.726 971 26 -27.260 391 99	0.75 0.75	-10.68 -6.61 -10.68 -6.61	2.15 2.00 2.40 2.21 2.37 56.46 37.45 2.40 2.21 2.37	A 88.3 5.39														
09550+6856	1	L CA	A 48635 B 48635	10.680 0.015 10.774 0.016	11.267 0.059 11.296 0.068	10.524 0.052 10.538 0.053	148.761 597 00 +68.939 595 03 148.754 697 32 +68.939 716 11	12.02 12.02	-70.29 -62.27 -55.48 -57.49	3.21 3.31 3.37 2.68 2.81 6.73 6.72 3.37 3.84 4.13	A 272.80 8.937 +0.04 -0.015														
09550-4841	1	F CA P	A 48634 B 48634	9.906 0.021 11.146 0.060	10.996 0.052 11.586 0.130	9.875 0.033 11.391 0.188	148.755 509 10 -48.678 769 64 148.750 106 69 -48.680 493 62	1.83 1.83	-23.34 18.58 -23.34 18.58	2.97 3.30 3.52 2.94 2.89 19.01 19.42 3.52 2.94 2.89	A 244.2 14.26														
09551+6855	1	F CA	A 48639 B 48639	9.395 0.006 9.413 0.006	9.617 0.021 9.666 0.018	9.181 0.022 9.130 0.019	148.766 750 82 +68.901 688 01 148.768 266 65 +68.901 470 08	6.71 6.71	-8.76 -1.40 -8.76 -1.40	2.07 1.61 2.18 2.03 1.65 3.22 3.03 2.18 2.03 1.65	A 111.8 2.115														
09551-6911	1	F CA	A 48641 B 48641	6.847 0.003 9.040 0.021	6.776 0.006 9.294 0.021	6.836 0.006 8.868 0.021	148.773 815 91 -69.189 050 08 148.769 895 18 -69.191 196 68	5.65 5.65	-67.46 31.29 -67.46 31.29	0.68 0.63 0.68 0.85 0.66 6.18 5.28 0.68 0.85 0.66	A 212.98 9.21														
09554+1007	1	F FD D	A 48657 B 48656	8.259 0.027 10.625 0.198	9.539 0.023 11.410 0.101	8.195 0.013 10.681 0.083	148.846 458 10 +10.111 837 22 148.842 334 66 +10.107 993 50	5.16 5.16	-61.65 -9.19 -61.65 -9.19	2.89 1.79 2.45 2.72 1.57 50.92 36.54 2.45 2.72 1.57	A 226.6 20.13														
09555-1959	1	F CB	A 48664 B 48664	8.392 0.007 11.827 0.152			148.868 194 49 -19.979 216 29 148.868 241 19 -19.979 092 07	0.98 0.98	-32.69 4.75 -32.69 4.75	1.33 1.42 1.27 1.12 1.01 35.85 31.88 1.27 1.12 1.01	A 19 0.47														
09559-5259	1	F CA	A 48697 B 48697	8.220 0.156 9.218 0.391			148.967 334 14 -52.979 086 72 148.967 350 87 -52.979 056 38	0.40 0.40	-7.93 4.30 -7.93 4.30	4.50 7.99 0.68 0.57 0.58 11.94 19.85 0.68 0.57 0.58	A 18 0.12														
09563-4623	1	F CB	A 48727 B 48727	8.328 0.007 11.831 0.178	9.497 0.015	8.254 0.009	149.086 798 00 -46.390 725 93 149.086 455 37 -46.391 062 51	1.39 1.39	3.71 1.10 3.71 1.10	1.21 1.32 1.49 1.32 1.39 49.23 51.19 1.49 1.32 1.39	A 215 1.48														
09563-5146	1	F CA	A 48726 B 48726	10.757 0.078 11.640 0.177			149.083 323 21 -51.761 695 65 149.083 269 17 -51.761 622 77	3.48 3.48	-22.74 9.02 -22.74 9.02	8.21 10.82 2.33 2.07 2.14 21.89 25.85 2.33 2.07 2.14	A 335 0.29														
09564+1040	1	F CA	A 48731 B 48731	8.816 0.006 10.504 0.026	8.834 0.016 10.380 0.089	8.730 0.019 10.421 0.167	149.092 549 39 +10.665 421 80 149.093 387 20 +10.664 727 41	2.69 2.69	-1.28 -11.08 -1.28 -11.08	1.78 1.19 1.78 1.90 1.15 12.40 6.91 1.78 1.90 1.15	A 130.1 3.88														

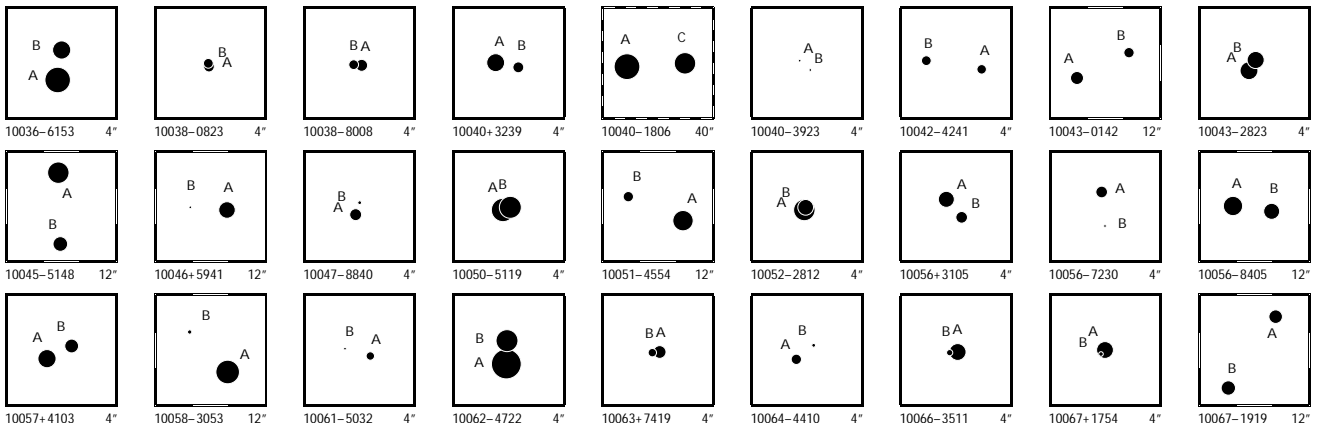


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
09566+4359	1	F	C	A	48746	9.585	0.010					149.140 795 51	+43.982 209 43	8.49	-0.98	52.31	3.87	2.62	2.50	2.87	1.27	B	260	0.501		
				A	48746	9.701	0.011					149.140 605 08	+43.982 185 49	8.49	-0.98	52.31	4.04	3.54	2.50	2.87	1.27					
09567+2503	1	F	C	A	48759	9.398	0.006	9.755	0.022	9.143	0.019	149.186 662 04	+25.053 976 07	3.71	-13.65	-23.41	1.82	1.40	2.19	1.81	1.29	A	99.8	1.11		
				B	48759	10.876	0.021					149.186 996 79	+25.053 923 57	3.71	-13.65	-23.41	8.29	6.05	2.19	1.81	1.29					
09569-6323	1	F	C	A	48779	8.134	0.004					149.235 936 63	-63.386 550 54	-1.02	-6.97	3.48	0.92	0.86	0.94	1.05	0.85	A	347.3	0.89		
				B	48779	9.828	0.017					149.235 815 69	-63.386 310 71	-1.02	-6.97	3.48	6.10	5.21	0.94	1.05	0.85					
09571-0923	1	F	C	B	48792	9.164	0.012	9.332	0.027	9.135	0.032	149.269 535 62	-9.375 989 89	1.49	-6.91	1.79	2.18	1.49	2.03	2.08	1.42	A	228.8	3.99		
				B	48792	11.996	0.164					149.268 690 59	-9.376 719 85	1.49	-6.91	1.79	32.29	24.08	2.03	2.08	1.42					
09572+4554	1	F	C	A	48804	8.977	0.005	9.495	0.018	8.839	0.016	149.310 760 63	+45.902 997 77	10.90	-24.49	-85.29	1.76	1.40	2.16	1.42	1.29	A	249.0	4.432		
				B	48804	9.839	0.011	10.489	0.042	9.676	0.034	149.309 108 83	+45.902 556 79	10.90	-24.49	-85.29	5.07	3.94	2.16	1.42	1.29					
09572-4952	1	F	C	A	48800	7.295	0.005	7.232	0.006	7.277	0.006	149.302 723 08	-49.870 391 96	3.14	-26.70	10.05	0.67	0.70	0.80	0.72	0.75	A	7	1.64		
				B	48800	10.992	0.138					149.302 806 45	-49.869 939 63	3.14	-26.70	10.05	18.37	26.77	0.80	0.72	0.75					
09574-4226	1	F	C	A	48811	9.286	0.007	9.232	0.011	9.272	0.015	149.346 851 25	-42.433 533 37	0.35	-10.24	-0.74	1.09	1.12	1.45	1.22	1.20	A	153.3	9.70		
				B	48811	11.375	0.045					149.348 491 54	-42.435 940 13	0.35	-10.24	-0.74	9.99	10.79	1.45	1.22	1.20					
09577-0156	1	F	C	B	48839	6.633	0.004	7.743	0.010	6.560	0.008	149.432 908 50	-1.941 770 88	11.81	8.89	8.50	1.14	0.91	1.19	1.39	1.03	A	22	1.92		
				B	48839	10.347	0.130					149.433 112 41	-1.941 278 41	11.81	8.89	8.50	45.59	43.00	1.19	1.39	1.03					
09578-0157	1	F	C	B	48847	8.070	0.007					149.452 701 95	-1.947 104 44	4.64	18.51	-26.62	2.06	1.68	1.58	1.80	1.10	A	43	0.47		
				B	48847	11.570	0.172					149.452 791 77	-1.947 008 58	4.64	18.51	-26.62	52.99	47.02	1.58	1.80	1.10					
09579-6045	1	F	C	A	48859	7.974	0.006					149.484 248 86	-60.748 163 87	3.75	-26.19	10.75	1.33	1.10	0.93	0.99	0.81	A	259	0.40		
				B	48859	9.716	0.029					149.484 026 05	-60.748 185 61	3.75	-26.19	10.75	6.22	6.47	0.93	0.99	0.81					
09580+6016	1	F	C	A	48870	9.374	0.009					149.508 850 32	+60.273 287 19	4.15	-2.24	-33.98	1.94	1.99	2.32	1.99	1.64	A	310	0.445		
				B	48870	10.062	0.016					149.508 659 18	+60.273 366 75	4.15	-2.24	-33.98	4.13	4.91	2.32	1.99	1.64					
09580-3024	1	F	C	A	48864	9.658	0.008	10.822	0.048	9.577	0.026	149.496 940 46	-30.397 934 78	2.32	-11.77	1.92	1.47	1.79	1.89	1.63	1.90	A	314.1	4.37		
				B	48864	12.284	0.081					149.495 930 84	-30.397 090 64	2.32	-11.77	1.92	17.22	29.66	1.89	1.63	1.90					
09580-5610	1	F	C	A	48865	9.044	0.005					149.500 549 52	-56.171 624 20	0.56	-11.93	3.32	1.14	1.05	1.18	1.05	0.90	A	255	0.75		
				B	48865	11.383	0.041					149.500 190 71	-56.171 679 50	0.56	-11.93	3.32	10.00	10.75	1.18	1.05	0.90					
09581+3856	1	F	C	A	48878	8.928	0.109					149.534 510 44	+38.936 231 61	5.13	9.81	-6.55	11.33	6.74	0.98	1.02	0.56	A	70	0.19		
				B	48878	9.322	0.157					149.534 574 48	+38.936 250 03	5.13	9.81	-6.55	12.98	8.70	0.98	1.02	0.56					
09584+4045	1	L	C	A	48894	8.130	0.027					149.606 503 68	+40.743 000 92	3.14	-1.90	-22.38	3.29	3.72	1.07	1.95	1.14	A	217	0.22	-5	-0.02
				B	48894	9.969	0.149					149.606 455 64	+40.742 953 05	3.14	-1.90	-22.38	15.38	14.32	1.07	8.02	5.22					
09586-7141	1	F	C	A	48907	8.761	0.029					149.647 599 84	-71.689 457 69	3.82	-13.98	12.73	4.30	6.55	1.52	1.71	1.54	A	334	0.33		
				B	48907	11.923	0.536					149.647 472 89	-71.689 374 75	3.82	-13.98	12.73	52.22	49.35	1.52	1.71	1.54					
09591+5316	1	L	C	A	48940	8.838	0.018					149.773 139 68	+53.263 747 42	7.48	-61.73	-1.52	1.77	3.26	1.39	1.41	0.98	A	189	0.342	-2	+0.011
				B	48940	9.664	0.038					149.773 113 50	+53.263 653 82	7.48	-61.73	-1.52	4.42	5.28	1.39	2.81	1.89					
09591+8023	1	F	C	A	48938	8.205	0.004	9.057	0.013	8.073	0.010	149.770 506 76	+80.379 889 01	4.52	4.69	1.82	0.89	0.88	1.00	0.98	0.89	A	25.9	1.64		
				B	48938	10.284	0.025					149.771 698 90	+80.380 299 76	4.52	4.69	1.82	7.07	7.93	1.00	0.98	0.89					
09591-2357	1	F	C	A	48943	6.148	0.005					149.776 330 00	-23.950 783 26	5.19	-23.22	5.30	0.73	0.87	0.77	0.70	0.65	A	0	0.53		
				B	48943	10.440	0.195					149.776 330 25	-23.950 636 85	5.19	-23.22	5.30	41.99	33.85	0.77	0.70	0.65					
09597+4512	1	F	N	D	48995	9.498	0.009	10.003	0.031	9.404	0.027	149.935 291 49	+45.196 955 64	4.51	-19.25	5.22	1.61	1.21	1.71	1.59	1.03	A	144	2.94		
				B	48995	13.140	0.234					149.935 965 83	+45.196 290 39	4.51	-19.25	5.22	78.95	51.32	1.71	1.59	1.03					
09597-5916	1	I	C	A	48996	8.685	0.014	8.661	0.012	8.658	0.016	149.939 746 67	-59.273 976 40	1.49	-11.45	6.68	2.42	2.10	2.03	2.29	1.90	A	309.54	15.51	0.00	0.00
				B	48993	9.939	0.036	10.075	0.029	9.869	0.037	149.933 245 57	-59.271 234 17	7.94	-13.50	6.81	11.53	11.11	5.52	8.31	7.36					
09598+3128	1	F	C	A	48997	8.703	0.013					149.943 972 59	+31.471 287 24	4.08	-8.57	-7.36	2.85	1.92	1.87	1.74	1.34	A	305	0.40		
				B	48997	10.984	0.103					149.943 865 24	+31.471 351 69	4.08	-8.57	-7.36	25.43	14.51	1.87	1.74	1.34					
09598+3306	1	F	C	A	49000	10.999	0.019					149.952 038 44	+33.091 795 91	29.55	15.78	56.10	4.33	3.24	4.13	4.01	2.55	A	308	0.57		
				B	49000	13.576	0.204					149.951 889 66	+33.091 894 86	29.55	15.78	56.10	77.45	47.82	4.13	4.01	2.55					
09598-5203	1	F																								

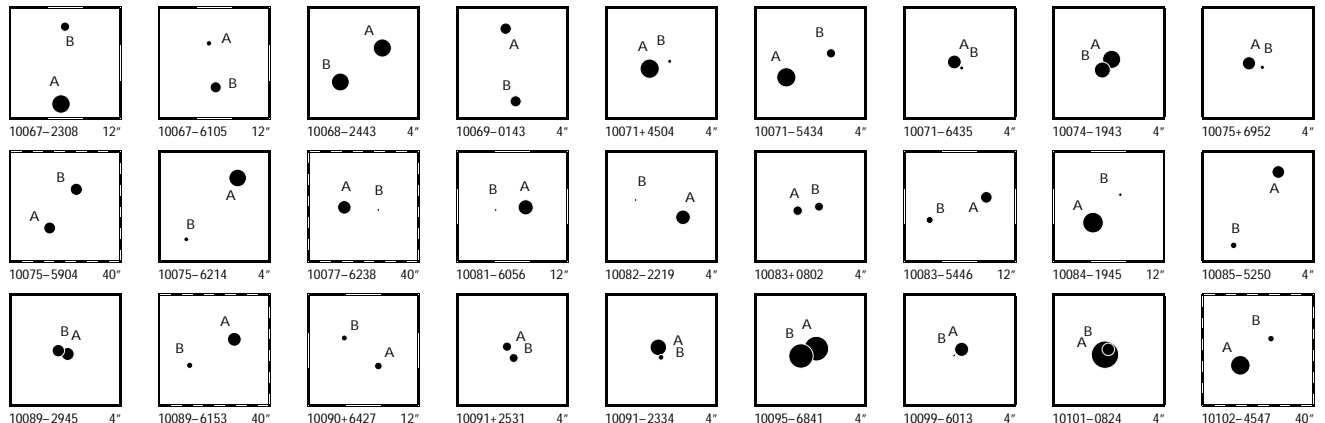
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
10002-0642	1	F CA	A 49031 B 49031	8.813 10.944	0.004 0.029				150.055 350 34 150.055 280 76	-6.705 782 67 -6.705 934 89	7.19 7.19	11.44 -12.89 11.44 -12.89	1.55 1.31 1.68 1.78 1.31 11.12 9.74 1.68 1.78 1.31	A 204	0.60											
10006-5657	1	F CC	A 49052 C 49052	6.697 10.594	0.006 0.223				150.144 090 87 150.144 200 92	-56.946 165 19 -56.946 094 04	6.38 6.38	-53.08 23.35 -53.08 23.35	1.13 0.99 0.70 0.62 0.58 45.68 36.89 0.70 0.62 0.58	A 40	0.34											
10007+4904	1	F CA	A 49063 B 49063	10.181 11.302	0.065 0.183				150.177 170 01 150.177 121 99	+49.073 913 59 +49.073 861 97	4.12 4.12	27.88 -30.36 27.88 -30.36	4.69 6.55 1.60 1.30 1.05 11.86 16.68 1.60 1.30 1.05	A 211	0.22											
10009-0416	1	F CA	A 49072 B 49072	8.927 10.469	0.058 0.238				150.231 150 17 150.231 216 79	-4.264 928 80 -4.264 958 79	4.40 4.40	9.07 7.16 9.07 7.16	6.58 4.06 1.51 1.65 1.18 25.57 16.97 1.51 1.65 1.18	A 114	0.26											
10012-5606	1	F CA	A 49092 C 49092	6.507 9.263	0.020 0.259				150.300 059 94 150.300 081 72	-56.096 565 54 -56.096 512 01	3.76 3.76	-27.45 1.00 -27.45 1.00	1.44 2.25 0.51 0.44 0.40 19.42 19.10 0.51 0.44 0.40	A 13	0.20											
10013-2246	1	F CA	A 49099 B 49099	7.840 10.292	0.008 0.062	7.875 0.012 10.465 0.060	7.820 0.014 9.961 0.059		150.315 752 33 150.316 325 41	-22.765 015 44 -22.761 386 65	6.86 6.86	-33.13 14.36 -33.13 14.36	1.17 1.28 1.36 1.17 1.33 13.16 14.39 1.36 1.17 1.33	A 8.3	13.20											
10013-7044	1	F CA	A 49105 B 49105	7.541 10.191	0.003 0.031				150.326 481 91 150.325 692 14	-70.728 191 41 -70.728 264 56	14.05 14.05	-27.68 17.77 -27.68 17.77	0.69 0.66 0.68 0.73 0.64 8.46 7.89 0.68 0.73 0.64	A 254.3	0.97											
10014+1921	1	F CA	A 49115 B 49115	9.911 12.734	0.012 0.157	10.419 0.039 9.783 0.034			150.354 704 41 150.357 598 70	+19.351 038 68 +19.350 554 24	6.47 6.47	-59.58 -44.08 -59.58 -44.08	2.63 1.40 2.45 2.67 1.17 41.11 24.80 2.45 2.67 1.17	A 100.1	9.98											
10015+6843	1	F CA	A 49121 B 49121	8.168 11.385	0.004 0.077	8.520 0.008 8.089 0.008			150.383 860 60 150.386 192 17	+68.718 126 69 +68.717 819 08	5.74 5.74	-46.12 -23.89 -46.12 -23.89	0.93 0.91 1.16 0.88 0.86 23.97 24.22 1.16 0.88 0.86	A 110.0	3.24											
10015-5806	1	F CA	B 49117 A 49117	10.199 10.310	0.018 0.020				150.364 005 17 150.364 071 99	-58.098 182 81 -58.098 273 82	9.14 9.14	-25.42 -1.82 -25.42 -1.82	3.57 3.20 1.88 1.72 1.74 3.28 3.17 1.88 1.72 1.74	B 159	0.351											
10019+7334	1	F CA	A 49154 B 49154	10.522 11.068	0.011 0.069	10.928 0.045 11.362 0.067	10.424 0.047 10.883 0.069		150.485 438 95 150.476 483 67	+73.568 664 47 +73.567 938 76	-0.47 -0.47	15.42 -5.75 15.42 -5.75	2.73 2.48 3.07 3.25 2.41 6.82 6.55 3.07 3.25 2.41	A 254.02	9.49											
10019-2840	1	I CA	A 49146 B 49152	8.181 8.951	0.058 0.100	8.314 0.012 9.114 0.022	8.050 0.013 8.711 0.023		150.464 772 96 150.468 534 09	-28.676 200 40 -28.671 095 34	7.46 11.34	-59.62 36.55 -67.67 12.18	2.95 3.31 3.16 3.39 4.39 20.82 23.65 6.59 15.43 27.06	A 32.9	21.88	0.0	-0.02									
10020+5150	1	F CC	A 49162 B 49162	9.562 9.688	0.355 0.398				150.496 093 70 150.496 089 74	+51.827 821 28 +51.827 787 78	5.31 5.31	12.07 6.21 12.07 6.21	7.35 12.54 1.31 1.11 0.94 8.40 31.01 1.31 1.11 0.94	A 184	0.12											
10021+4722	1	F CB	A 49174 B 49174	10.039 12.226	0.041 0.309				150.533 696 91 150.533 779 51	+47.371 465 16 +47.371 512 92	3.34 3.34	12.08 -12.93 12.08 -12.93	6.01 4.86 1.85 1.56 1.17 31.50 31.00 1.85 1.56 1.17	A 50	0.26											
10021-1502	1	F CA	A 49169 B 49169	7.921 9.251	0.004 0.014				150.521 103 49 150.521 356 49	-15.029 055 26 -15.028 994 74	6.62 6.62	-27.02 -18.16 -27.02 -18.16	1.38 1.01 1.57 1.56 1.20 5.23 5.01 1.57 1.56 1.20	A 76.1	0.906											
10022-1946	1	F CA	A 49177 B 49177	10.056 10.584	0.015 0.025	10.073 0.040 10.195 0.063	9.607 0.041 9.711 0.057		150.548 229 95 150.548 019 98	-19.766 806 20 -19.766 181 32	2.20 2.20	-3.59 1.55 -3.59 1.55	3.30 3.40 3.82 3.12 3.74 11.31 10.77 3.82 3.12 3.74	A 342.5	2.36											
10023+2621	1	F CA	A 49186 B 49186	11.745 12.546	0.025 0.051				150.584 595 68 150.583 784 73	+26.346 313 75 +26.346 074 50	5.70 5.70	26.81 -61.11 26.81 -61.11	4.86 3.36 4.61 5.18 3.11 19.42 13.48 4.61 5.18 3.11	A 251.8	2.75											
10023+4940	1	F CA	A 49179 B 49179	9.700 11.401	0.007 0.031				150.563 356 21 150.563 471 51	+49.659 316 41 +49.659 161 65	6.75 6.75	-14.66 -14.75 -14.66 -14.75	1.77 1.62 2.53 1.73 1.49 11.40 6.73 2.53 1.73 1.49	A 154	0.62											
10026+4622	1	F CA	A 49206 B 49206	8.622 9.150	0.006 0.010				150.648 762 58 150.648 276 08	+46.361 847 53 +46.361 780 64	4.36 4.36	-8.65 -3.37 -8.65 -3.37	1.80 1.44 2.07 1.34 1.42 6.05 2.70 2.07 1.34 1.42	A 258.7	1.23											
10027-0830	1	F CC	A 49210 B 49210	11.245 13.233	0.024 0.139				150.662 951 71 150.662 864 58	-8.507 014 13 -8.506 523 63	13.09 13.09	-79.16 -19.03 -79.16 -19.03	4.32 3.26 4.62 4.34 3.21 39.29 31.17 4.62 4.34 3.21	A 350	1.79											
10028+0106	1	F CB	A 49217 B 49217	10.081 12.697	0.039 0.291				150.699 827 32 150.699 885 81	+1.094 546 95 +1.094 424 36	9.02 9.02	0.67 -2.67 0.67 -2.67	3.91 3.34 3.38 3.78 2.16 75.69 39.52 3.38 3.78 2.16	A 154	0.49											
10028+4953	1	F ND	A 49224 C 49224	7.697 10.983	0.003 0.061				150.706 759 32 150.707 072 76	+49.878 449 71 +49.878 438 76	2.53 2.53	7.98 -29.20 7.98 -29.20	1.01 0.89 1.31 1.01 0.81 17.87 15.90 1.31 1.01 0.81	A 93	0.73											
10029+6847	1	F CA	A 49230 B 49230	8.082 10.546	0.004 0.033	8.508 0.008 10.439 0.089	8.020 0.007 9.775 0.059		150.735 355 67 150.733 548 82	+68.785 922 63 +68.785 269 46	15.15 15.15	-30.80 -21.66 -30.80 -21.66	0.84 0.86 1.09 0.82 0.82 9.13 10.18 1.09 0.82 0.82	A 225.0	3.33											
10034+5732	1	L CA	A 49270 B 49270	8.374 9.482	0.021 0.058				150.859 277 97 150.859 372 34	+57.535 732 74 +57.535 783 98	5.91 5.91	-12.56 19.08 -6.17 24.82	2.45 2.39 1.12 1.44 1.13 6.59 6.43 1.12 3.74 2.88	A 45	0.259	0	+0.009									
10035-3015	1	F CA	A 49275 B 49275	8.534 11.654	0.007 0.111				150.875 417 23 150.875 337 40	-30.249 916 51 -30.250 040 06	5.09 5.09	-34.80 6.21 -34.80 6.21	1.22 1.67 1.43 1.07 1.34 23.50 28.64 1.43 1.07 1.34	A 209	0.51											
10035-5303	1	F CA	A 49272 B 49272	8.793 11.543	0.005 0.058				150.869 435 65 150.869 242 94	-53.053 041 72 -53.053 198 41	9.69 9.69	-21.25 34.19 -21.25 34.19	0.93 0.99 1.06 0.88 0.90 13.20 13.23 1.06 0.88 0.90	A 216	0.70											
10036-0329	1	F CB	A 49287 B 49287	8.393 10.864	0.074 0.725				150.910 701 32 150.910 686 58	-3.480 739 81 -3.480 685 31	1.34 1.34	-27.76 1.64 -27.76 1.64	4.32 9.09 1.51 1.81 1.10 51.22 44.51 1.51 1.81 1.10	A 345	0.20											



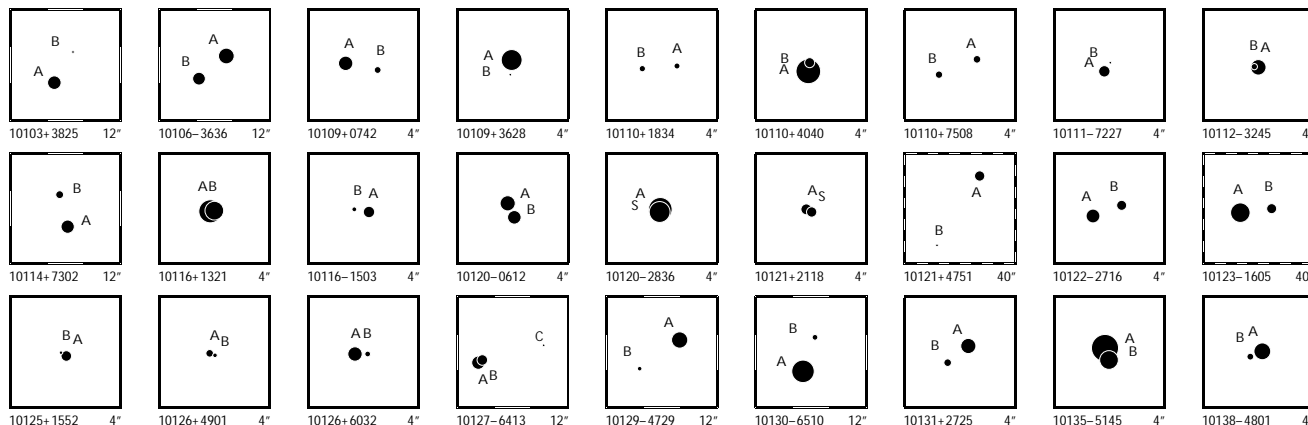
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10036-6153	1	FCA	A 49281 B 49281	6.354 0.003 7.953 0.013	6.133 0.008	6.193 0.009		150.892 248 18 150.892 154 84	-61.884 050 08 -61.883 738 60	1.88 1.88	-17.73 -17.73	4.23 4.23	0.63 0.57 0.61 3.12 4.06 0.61	0.68 0.54 0.68 0.54	A	352.0	1.132									
10038-0823	1	FCA	A 49305 B 49305	9.664 0.270 9.838 0.317				150.958 175 77 150.958 188 47	-8.385 756 29 -8.385 721 87	7.93 7.93	-11.06 -11.06	-6.94 -6.94	8.97 19.32 1.31 10.78 14.35 1.31	1.45 1.04 1.45 1.04	A	20	0.13									
10038-8008	1	FCA	A 49299 B 49299	9.350 0.024 9.844 0.037				150.941 192 92 150.941 625 93	-80.131 017 95 -80.131 009 51	3.26 3.26	19.10 19.10	-5.09 -5.09	3.24 1.82 0.94 5.28 3.88 0.94	1.08 0.80 1.08 0.80	A	84	0.269									
10040+3239	1	FCA	A 49315 B 49315	8.022 0.004 9.616 0.015				150.996 283 28 150.996 009 62	+32.646 864 02 +32.646 821 15	12.55 12.55	-40.64 -40.64	6.34 6.34	1.23 0.92 1.35 6.86 6.11 1.35	1.28 0.95 1.28 0.95	A	259.5	0.84									
10040-1806	1	ICA	A 49321 C 49319	6.289 0.036 7.236 0.072	6.159 0.004 7.061 0.006	6.224 0.006 7.084 0.008		151.011 785 67 151.005 602 80	-18.101 414 91 -18.101 040 79	6.83 1.21	-27.28 -8.13	3.65 -6.58	1.93 1.68 1.80 22.51 20.89 13.40	2.15 1.79 16.93 14.34	A	273.64	21.20	-0.02	-0.02							
10040-3923	1	FND	D A 49314 B 49314	12.699 0.080 13.316 0.142				150.991 315 79 150.991 172 78	-39.379 038 00 -39.379 127 18	6.73 6.73	-10.78 -10.78	6.09 6.09	6.09 6.40 6.56 28.08 32.55 6.56	4.08 5.82 4.08 5.82	A	231	0.51									
10042-4241	1	FCA	B 49332 A 49332	9.835 0.008 9.927 0.009	10.276 0.037 10.302 0.033	9.439 0.026 9.523 0.029		151.043 521 52 151.042 749 47	-42.676 185 10 -42.676 273 09	16.41 16.41	14.48 14.48	-48.02 -48.02	3.07 3.01 3.29 4.40 4.22 3.29	3.61 2.75 3.61 2.75	B	261.2	2.068									
10043-0142	1	FCA	A 49335 B 49335	9.140 0.009 9.716 0.014	9.598 0.027 10.127 0.043	9.010 0.025 9.626 0.042		151.069 140 96 151.067 528 60	-1.692 618 05 -1.691 853 28	6.77 6.77	-62.48 -62.48	-22.12 -22.12	2.63 1.66 2.15 5.98 3.68 2.15	2.89 1.50 2.89 1.50	A	295.39	6.42									
10043-2823	1	LCA	A 49336 B 49336	8.021 0.007 8.242 0.009				151.074 240 50 151.074 158 35	-28.378 712 52 -28.378 601 45	11.06 11.06	-36.88 -57.23	-27.13 -25.05	1.75 2.06 1.60 3.20 2.93 1.60	1.50 1.70 2.96 2.39	A	326.9	0.477	-1.9	+0.013							
10045-5148	1	FCA	A 49351 B 49351	7.279 0.005 8.738 0.017	7.300 0.006 8.862 0.016	7.260 0.007 8.501 0.016		151.116 107 16 151.116 054 64	-51.798 394 96 -51.800 590 06	6.52 6.52	-20.72 -20.72	4.48 4.48	0.92 0.82 0.98 4.84 4.31 0.98	0.92 0.79 0.92 0.79	A	180.85	7.903									
10046+5941	1	FCA	A 49367 B 49367	8.328 0.005 11.659 0.100	8.373 0.008	8.293 0.009		151.159 240 89 151.161 498 78	+59.676 395 70 +59.676 477 24	2.51 2.51	10.95 10.95	-15.09 -15.09	0.94 0.89 1.28 23.20 26.50 1.28	1.13 0.89 1.13 0.89	A	85.9	4.11									
10047-8840	1	FCA	A 49368 B 49368	9.377 0.006 11.157 0.030				151.170 484 01 151.168 656 44	-88.673 801 90 -88.673 678 12	3.36 3.36	-21.66 -21.66	14.03 14.03	1.32 1.35 1.17 8.68 6.70 1.17	1.46 1.21 1.46 1.21	A	341	0.47									
10050-5119	1	LCA	A 49394 B 49394	6.812 0.009 7.155 0.012				151.257 812 74 151.257 691 22	-51.313 660 89 -51.313 629 77	6.13 6.13	-33.79 -23.74	10.33 12.55	1.32 0.95 0.57 2.04 1.74 0.57	0.60 0.56 0.83 0.80	A	292.3	0.296	+1.1	-0.008							
10051-4554	1	FCA	A 49400 B 49400	7.483 0.003 9.722 0.023	8.741 0.011 10.606 0.048	7.417 0.007 9.480 0.029		151.274 987 33 151.277 413 74	-45.896 160 31 -45.895 430 06	3.98 3.98	34.09 34.09	-15.44 -15.44	0.70 0.69 0.85 6.04 5.79 0.85	0.73 0.70 0.73 0.70	A	66.6	6.62									
10052-2812	1	FCB	A 49411 B 49411	7.261 0.152 8.539 0.493				151.300 140 05 151.300 123 97	-28.197 061 53 -28.197 032 50	3.47 3.47	-26.52 -26.52	6.02 6.02	4.21 9.05 0.81 22.02 19.07 0.81	0.67 0.73 0.67 0.73	A	334	0.12									
10056+3105	1	FCA	A 49441 B 49441	8.468 0.005 9.424 0.011				151.410 862 02 151.410 681 61	+31.087 020 23 +31.086 839 05	4.24 4.24	-46.98 -46.98	-11.61 -11.61	1.52 1.17 1.59 4.69 3.47 1.59	1.66 1.12 1.66 1.12	A	220.5	0.857									
10056-7230	1	FCA	A 49436 B 49436	9.432 0.008 12.564 0.142	10.250 0.029	9.339 0.021		151.396 828 91 151.396 733 73	-72.505 946 39 -72.506 294 22	7.84 7.84	16.10 16.10	33.93 33.93	1.16 1.23 1.22 22.89 33.12 1.22	1.24 1.12 1.24 1.12	A	185	1.26									
10056-8405	1	LCA	A 49442 B 49442	7.754 0.005 8.473 0.009	8.282 0.013 8.912 0.024	7.620 0.013 8.301 0.022		151.413 635 60 151.402 267 99	-84.088 926 60 -84.089 083 32	14.41 14.41	-104.76 -115.97	-0.46 -5.22	1.27 1.14 1.11 3.40 3.56 1.11	1.12 0.97 2.61 1.94	A	262.37	4.252	-0.04	+0.012							
10057+4103	1	FCA	A 49448 B 49448	7.994 0.004 8.938 0.010				151.431 643 91 151.431 309 93	+41.045 203 63 +41.045 334 29	5.01 5.01	-33.08 -33.08	-7.32 -7.32	1.29 1.01 1.38 3.30 2.94 1.38	1.22 0.81 1.22 0.81	A	297.4	1.022									
10058-3053	1	FND	D A 49450 B 49450	6.802 0.005 11.058 0.234	7.884 0.008	6.744 0.005		151.438 742 44 151.440 121 53	-30.891 626 65 -30.890 405 03	6.90 6.90	-38.01 -38.01	-17.21 -17.21	0.77 1.04 1.01 52.74 62.95 1.01	0.86 1.04 0.86 1.04	A	44	6.12									
10061-5032	1	FCA	A 49473 B 49473	10.148 0.009 11.639 0.036				151.513 585 87 151.513 999 16	-50.530 835 54 -50.530 755 27	0.89 0.89	-21.01 -21.01	3.51 3.51	1.72 1.60 1.85 10.01 9.78 1.85	1.68 1.50 1.68 1.50	A	73	0.99									
10062-4722	1	LCA	A 49485 B 49485	5.419 0.002 7.129 0.009				151.546 755 12 151.546 746 67	-47.369 864 91 -47.369 621 07	12.63 12.63	-10.84 -0.41	-53.46 -48.29	0.53 0.51 0.55 2.65 2.41 0.55	0.50 0.43 1.57 1.61	A	358.7	0.878	+0.7	+0.005							
10063+7419	1	FCA	A 49495 B 49495	9.165 0.040 10.135 0.098				151.575 894 51 151.576 173 44	+74.310 817 87 +74.310 814 01	4.07 4.07	13.26 13.26	2.73 2.73	7.03 2.25 1.13 10.67 6.00 1.13	1.24 0.95 1.24 0.95	A	93	0.27									
10064-4410	1	FCA	A 49501 B 49501	9.727 0.008 11.153 0.029				151.611 417 00 151.611 167 27	-44.165 088 48 -44.164 943 00	3.04 3.04	-23.46 -23.46	11.41 11.41	1.95 1.90 2.57 8.49 8.11 2.57	2.15 2.03 2.15 2.03	A	309	0.83									
10066-3511	1	FCA	A 49513 B 49513	8.279 0.014 10.646 0.123				151.639 173 54 151.639 274 53	-35.180 122 05 -35.180 130 46	3.51 3.51	-17.27 -17.27	10.61 10.61	3.01 2.48 1.28 14.60 22.17 1.28	1.03 1.35 1.03 1.35	A	96	0.30									
10067+1754	1	FCB	A 49522 B 49522	8.293 0.076 10.950 0.881				151.670 079 35 151.670 122 81	+17.895 178 22 +17.895 135 91	13.59 13.59	-83.03 -83.03	-30.56 -30.56	7.58 8.02 1.58 61.08 33.03 1.58	1.67 0.84 1.67 0.84	A	136	0.21									
10067-1919	1	FCA	B 49520 A 49520	8.819 0.010 8.982 0.012	9.414 0.025 9.549 0.028	8.734 0.022 8.890 0.025		151.662 205 78 151.660 660 11	-19.310 663 57 -19.308 445 47	19.63 19.63	48.56 48.56	-53.64 -53.64	2.67 2.40 2.11 2.99 3.01 2.11	1.98 1.69 1.98 1.69	B	326.67	9.56									



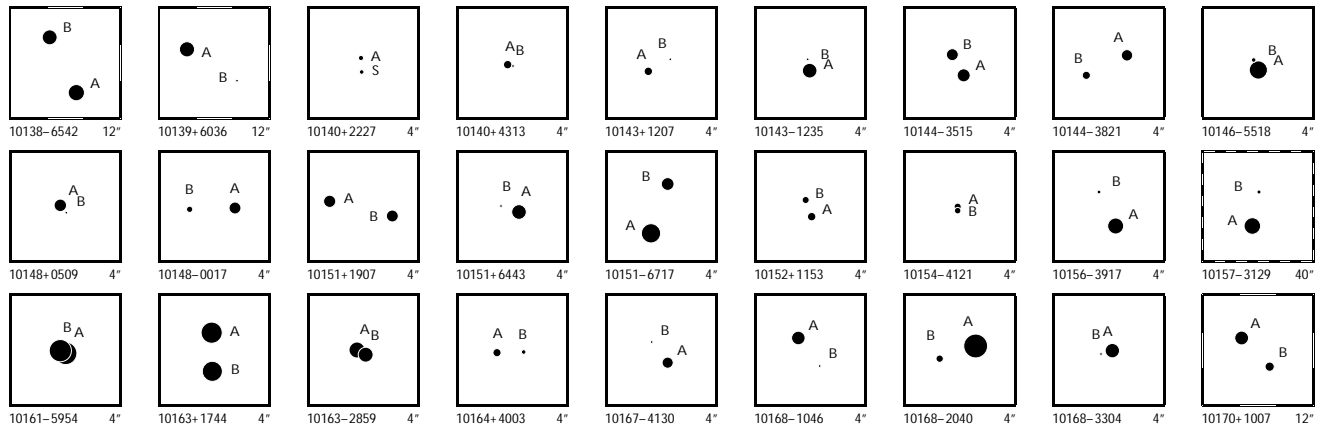
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10067-2308	1	F CA	A 49521 B 49521	7.898 0.004 9.958 0.025	8.265 0.012 10.483 0.052	7.838 0.012 9.787 0.045		151.667 849 29 151.667 728 20	-23.139 573 05 -23.137 180 41	8.46 8.46	-42.30 -42.30	4.46 4.46	1.05 0.90 1.12 1.14 0.91 7.38 7.61 1.12 1.14 0.91	A 357.34 8.62													
10067-6105	1	F ND	D A 49525	9.556 0.008 10.810 0.025	10.621 0.039 11.129 0.073	9.475 0.024 10.623 0.078		151.682 271 90 151.682 707 97	-61.086 891 40 -61.085 521 90	3.15 3.15	-8.65 6.26 -8.65 6.26		1.50 1.31 1.36 1.62 1.19 6.74 6.27 1.36 1.62 1.19	B 8.8 4.99													
10068-2443	1	L CA	A 49533 B 49533	8.001 0.004 8.039 0.004	7.913 0.098	7.257 0.086		151.710 426 76 151.710 907 59	-24.715 483 85 -24.715 833 63	13.23 13.23	-33.49 -35.16 -35.63 -43.70		2.00 1.46 1.53 1.70 1.19 3.16 2.05 1.53 3.83 2.84	A 128.7 2.014 +0.2 +0.004													
10069-0143	1	F CA	A 49540 B 49540	9.468 0.011 9.559 0.012	9.737 0.038 9.910 0.031	9.207 0.030 9.349 0.035		151.723 603 48 151.723 502 44	-1.723 855 02 -1.724 595 52	8.22 8.22	-77.45 18.61 -77.45 18.61		3.82 2.83 3.59 4.19 2.34 6.74 6.91 3.59 4.19 2.34	A 187.8 2.69													
10071+4504	1	F CA	A 49563 B 49563	7.739 0.004 11.078 0.085				151.783 287 19 151.783 202 18	+45.059 975 06 +45.060 046 66	9.15 9.15	-4.27 -7.88 -4.27 -7.88		0.98 0.74 1.04 1.03 0.66 18.73 15.09 1.04 1.03 0.66	A 290 0.77													
10071-5434	1	F CA	A 49566 B 49566	7.747 0.003 9.982 0.022	7.772 0.007	7.689 0.010		151.784 751 66 151.783 959 54	-54.563 814 53 -54.563 564 65	4.24 4.24	-29.21 9.87 -29.21 9.87		0.78 0.77 0.87 0.88 0.74 6.29 7.22 0.87 0.88 0.74	A 298.5 1.88													
10071-6435	1	F CA	A 49553 B 49553	8.949 0.019 11.114 0.136				151.767 886 68 151.767 708 82	-64.586 583 02 -64.586 638 32	2.78 2.78	-7.65 4.37 -7.65 4.37		3.01 2.28 1.16 1.40 1.04 15.76 13.45 1.16 1.40 1.04	A 234 0.34													
10074-1943	1	L CA	A 49587 B 49587	8.004 0.005 8.459 0.007				151.842 682 86 151.842 789 88	-19.708 726 85 -19.708 838 59	4.34 4.34	-30.37 15.01 -36.41 15.79		1.37 1.18 1.23 1.12 1.05 2.94 1.95 1.23 1.79 1.68	A 138.0 0.542 +0.4 -0.005													
10075+6952	1	F CA	A 49596 B 49596	9.067 0.006 11.012 0.033				151.865 158 98 151.864 773 50	+69.864 607 56 +69.864 558 85	8.05 8.05	-35.08 -17.40 -35.08 -17.40		1.49 1.44 1.56 1.29 1.27 9.19 12.07 1.56 1.29 1.27	A 250 0.51													
10075-5904	1	I NB	B 49605 A 49609	9.303 0.040 9.334 0.041	9.186 0.016 9.072 0.016	9.199 0.022 9.081 0.021		151.877 948 49 151.883 369 81	-59.057 207 14 -59.061 216 50	11.12 5.95	-10.47 7.57 -15.93 5.34		5.15 4.98 4.64 5.21 4.42 10.07 9.23 5.77 6.51 5.41	B 145.19 17.58 +0.02 0.00													
10075-6214	1	F CA	A 49602 B 49602	8.072 0.005 10.933 0.064	7.989 0.008	8.054 0.010		151.871 725 92 151.872 862 20	-62.239 772 20 -62.240 400 68	1.35 1.35	-5.38 4.43 -5.38 4.43		0.89 0.80 0.87 0.96 0.80 14.43 11.70 0.87 0.96 0.80	A 139.9 2.96													
10077-6238	1	F ND	D A 49624	8.981 0.009 12.829 0.316	10.224 0.030	8.925 0.017		151.918 903 22 151.911 343 97	-62.625 537 42 -62.625 907 77	1.46 1.46	-18.57 12.52 -18.57 12.52		1.20 1.09 1.18 1.29 1.08 78.32 69.64 1.18 1.29 1.08	A 263.9 12.58													
10081-6056	1	F CA	A 49648 B 49648	8.612 0.005 12.062 0.109	9.002 0.013	8.545 0.012		152.023 347 77 152.025 259 21	-60.933 232 09 -60.933 301 39	5.23 5.23	-42.57 -14.92 -42.57 -14.92		1.00 0.85 0.96 1.11 0.87 32.41 28.55 0.96 1.11 0.87	A 94.3 3.35													
10082-2219	1	F CB	A 49654 B 49654	8.786 0.008 12.192 0.169	9.226 0.015	8.698 0.014		152.057 331 83 152.057 855 07	-22.322 753 62 -22.322 576 06	6.85 6.85	-42.87 -35.58 -42.87 -35.58		2.22 1.77 2.28 2.21 1.76 80.70 43.41 2.28 2.21 1.76	A 70 1.86													
10083+0802	1	F CA	A 49660 B 49660	8.987 0.007 10.042 0.008				152.068 889 94 152.068 672 61	+8.032 327 74 +8.032 374 29	4.54 4.54	9.06 -63.09 9.06 -63.09		4.49 2.36 4.61 4.09 1.95 5.56 3.97 4.61 4.09 1.95	A 282.2 0.79													
10083-5446	1	F CA	A 49659 B 49659	9.434 0.010 10.410 0.023	10.145 0.028 11.028 0.074	9.315 0.022 10.294 0.060		152.068 141 83 152.071 168 32	-54.771 650 91 -54.772 362 73	3.93 3.93	-92.36 39.40 -92.36 39.40		1.87 1.83 1.88 2.05 1.84 5.50 5.21 1.88 2.05 1.84	A 112.18 6.79													
10084-1945	1	F CB	A 49668 B 49668	7.419 0.004 11.213 0.136	8.000 0.009	7.347 0.008		152.089 465 07 152.088 552 57	-19.754 420 36 -19.753 576 50	26.49 26.49	-147.60 -328.85 -147.60 -328.85		0.91 0.74 0.97 0.93 0.80 29.47 28.38 0.97 0.93 0.80	A 314.5 4.33													
10085-5250	1	F CA	A 49683 B 49683	9.207 0.005 10.544 0.017	9.581 0.016 11.250 0.098	9.117 0.016 10.385 0.071		152.132 582 55 152.133 349 56	-52.827 046 40 -52.827 793 86	7.87 7.87	-18.83 5.95 -18.83 5.95		1.13 1.31 1.38 1.11 1.22 5.58 5.04 1.38 1.11 1.22	A 148.2 3.17													
10089-2945	1	F CA	A 49709 B 49709	9.093 0.009 9.265 0.011				152.220 072 59 152.220 183 46	-29.749 648 82 -29.749 610 32	9.22 9.22	-44.26 26.29 -44.26 26.29		2.54 3.26 2.03 2.15 1.67 2.63 3.53 2.03 2.15 1.67	A 68 0.373													
10089-6153	1	F CA	A 49706 B 49706	8.925 0.029 10.649 0.123	8.868 0.012 12.159 0.245	8.905 0.015 11.023 0.132		152.217 918 69 152.227 708 27	-61.886 183 52 -61.888 845 50	4.15 4.15	-16.47 3.72 -16.47 3.72		1.68 1.52 1.68 1.83 1.55 34.74 30.32 1.68 1.83 1.55	A 120.0 19.17													
10090+6427	1	F CA	A 49716 B 49716	10.290 0.010 10.697 0.015	10.584 0.029 10.952 0.042	10.082 0.029 10.401 0.039		152.258 244 28 152.260 664 70	+64.444 672 48 +64.445 534 99	5.00 5.00	-8.04 -28.22 -8.04 -28.22		2.14 2.33 3.36 2.11 1.86 5.08 5.79 3.36 2.11 1.86	A 50.4 4.88													
10091+2531	1	F CA	A 49719 B 49719	9.971 0.009 9.997 0.009				152.269 891 92 152.269 810 49	+25.517 699 90 +25.517 583 07	9.13 9.13	3.18 -54.23 3.18 -54.23		3.04 2.28 2.93 2.71 1.86 4.40 3.48 2.93 2.71 1.86	A 212 0.497													
10091-2334	1	F CB	A 49725 B 49725	8.340 0.014 10.759 0.132				152.282 649 65 152.282 623 79	-23.566 554 92 -23.566 659 49	8.56 8.56	2.06 -31.14 2.06 -31.14		2.03 3.28 1.70 1.69 1.51 18.71 18.43 1.70 1.69 1.51	A 193 0.39													
10095-6841	1	L CA	A 49764 B 49764	6.548 0.003 6.592 0.003				152.375 831 68 152.376 285 93	-68.682 832 64 -68.682 911 85	5.59 5.59	-19.74 22.09 -20.39 28.22		1.75 1.15 1.18 1.52 0.95 2.31 1.92 1.18 1.69 1.12	A 115.6 0.659 -0.5 -0.003													
10099-6013	1	F CB	A 49801 B 49801	8.851 0.009 12.083 0.183				152.484 547 26 152.484 714 16	-60.219 496 79 -60.219 548 44	1.04 1.04	-6.95 4.10 -6.95 4.10		1.98 2.03 1.17 1.23 1.01 44.16 44.15 1.17 1.23 1.01	A 122 0.35													
10101-0824	1	F CC	A 49812 B 49812	5.967 0.021 9.263 0.429				152.531 492 05 152.531 457 48	-8.408 165 67 -8.408 113 02	6.19 6.19	-28.51 -2.92 -28.51 -2.92		7.79 3.71 1.55 1.54 1.60 174.29 78.95 1.55 1.54 1.60	A 327 0.23													
10102-4547	1	F CA	A 49815 B 49815	7.652 0.007 10.583 0.095	8.035 0.007 11.027 0.049	7.571 0.006 10.545 0.054		152.541 086 40 152.536 606 18	-45.789 480 38 -45.786 731 59	6.14 6.14	8.29 -17.72 8.29 -17.72		0.81 0.86 1.06 0.86 0.94 22.55 24.04 1.06 0.86 0.94	A 311.3 14.98													



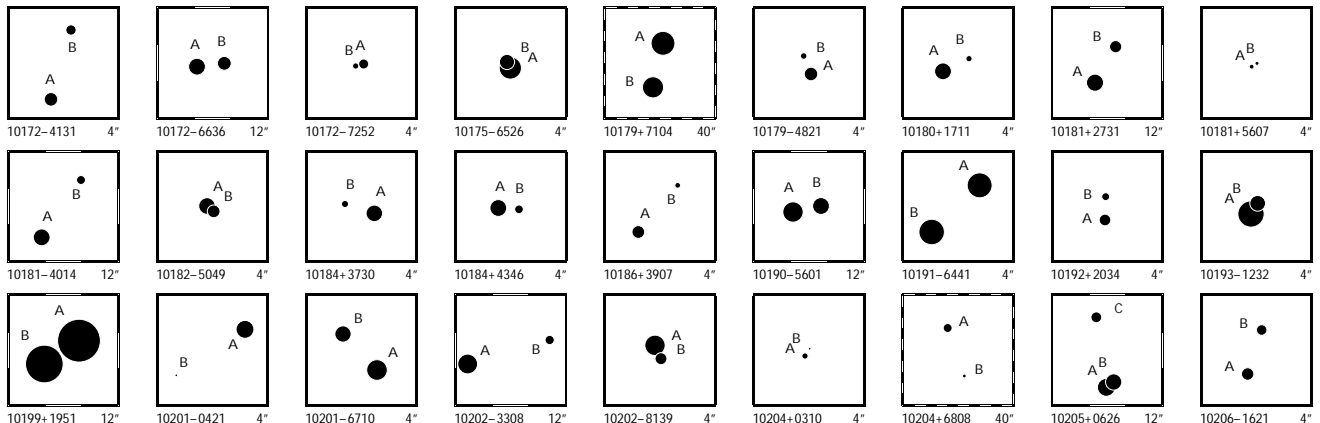
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	$d\theta/dt$	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10103+3825	1	F C C	A 49826 B 49826	8.989 0.008 12.798 0.265	9.694 0.023	8.906 0.019		152.578 253 35 152.577 513 27	+38.413 430 68 +38.414 385 92	17.54 17.54	15.97 15.97	15.23 15.23	1.45 61.90	1.22 55.20	1.56 1.56	1.49 1.49	1.06 1.06	A	329					4.02		
10106-3636	1	F C A	A 49845 B 49845	8.542 0.005 9.169 0.009	8.507 0.010 9.112 0.032	8.370 0.012 8.964 0.041		152.659 459 85 152.660 498 31	-36.594 702 41 -36.595 393 44	0.75 0.75	-20.81 -20.81	11.29 11.29	1.13 3.12	1.21 3.41	1.38 1.38	1.24 1.24	1.31 1.31	A	129.65					3.898		
10109+0742	1	F C A	A 49861 B 49861	8.829 0.014 10.515 0.068	9.177 0.017	8.670 0.018		152.727 132 58 152.726 791 22	+7.694 633 26 +7.694 569 01	7.89 7.89	-25.74 -25.74	-20.31 -20.31	2.20 17.65	1.68 10.68	2.26 2.26	2.09 2.09	1.41 1.41	A	259					1.24		
10109+3628	1	F C C	A 49864 B 49864	7.386 0.005 11.415 0.201				152.732 828 55 152.732 850 11	+36.468 122 60 +36.467 969 90	6.67 6.67	-8.20 -8.20	1.02 1.02	1.58 96.17	1.47 43.85	1.51 1.51	1.38 1.38	1.16 1.16	A	174					0.55		
10110+1834	1	F C A	B 49869 A 49869	10.615 0.012 10.667 0.012				152.744 380 02 152.744 002 42	+18.566 277 25 +18.566 301 28	17.72 17.72	-191.43 -191.43	-6.15 -6.15	4.44 8.68	3.63 5.61	4.47 4.47	4.69 4.69	3.06 3.06	B	273.8					1.29		
10110+4040	1	F C A	A 49870 B 49870	6.545 0.014 9.788 0.281				152.745 734 67 152.745 723 96	+40.661 602 39 +40.661 687 01	5.47 5.47	-9.04 -9.04	2.35 2.35	1.31 22.57	3.19 17.81	0.97 0.97	0.93 0.93	0.82 0.82	A	355					0.31		
10110+7508	1	L C A	A 49868 B 49868	10.306 0.011 10.373 0.011	10.607 0.093 10.589 0.091	9.644 0.041 9.811 0.042		152.741 775 21 152.743 307 43	+75.140 728 29 +75.140 569 64	47.06 47.06	216.35 233.62	260.29 241.33	2.51 5.07	2.78 5.67	2.72 2.72	2.00 4.70	2.19 8.23	A	112.0	1.53	+0.4			+0.02		
10111-7227	1	F C A	A 49879 B 49879	9.452 0.012 12.005 0.129				152.772 189 66 152.772 013 98	-72.458 157 30 -72.458 065 86	6.51 6.51	-36.44 -36.44	36.43 36.43	2.21 28.73	2.22 25.01	1.44 1.44	1.40 1.40	1.29 1.29	A	330					0.38		
10112-3245	1	F C B	A 49883 B 49883	8.585 0.089 10.631 0.586				152.791 375 34 152.791 423 46	-32.753 858 76 -32.753 850 77	12.65 12.65	-140.73 -140.73	10.55 10.55	5.72 44.48	8.68 45.98	1.27 1.27	0.87 0.87	1.13 1.13	A	79					0.15		
10114+7302	1	F C A	A 49905 B 49905	9.057 0.007 10.234 0.019	9.392 0.017 10.600 0.053	8.955 0.017 9.980 0.049		152.840 888 63 152.841 676 14	+73.036 790 63 +73.037 786 62	8.20 8.20	14.66 14.66	14.68 14.68	1.19 4.75	1.18 5.26	1.38 1.38	1.29 1.29	1.12 1.12	A	13.0					3.68		
10116+1321	1	F C A	A 49929 B 49929	6.902 0.113 7.874 0.276				152.909 129 70 152.909 085 71	+13.355 201 42 +13.355 210 51	14.49 14.49	38.83 38.83	-37.05 -37.05	8.69 18.64	3.30 10.56	0.84 0.84	0.90 0.90	0.47 0.47	A	282					0.16		
10116-1503	1	F C A	A 49922 B 49922	9.489 0.008 10.903 0.027				152.893 283 16 152.893 436 02	-15.054 851 45 -15.054 821 36	8.10 8.10	-18.10 -18.10	-12.26 -12.26	2.59 10.23	2.70 13.77	3.00 3.00	2.80 2.80	2.89 2.89	A	78					0.54		
10120-0612	1	F C A	A 49961 B 49961	8.668 0.005 8.982 0.006				153.005 313 71 153.005 247 10	-6.202 910 59 -6.203 054 76	10.48 10.48	-54.76 -54.76	22.84 22.84	2.53 3.57	1.86 2.39	2.33 2.33	2.86 2.86	1.94 1.94	A	204.7					0.571		
10120-2836	1	F C A	A 49967 S 49967	6.780 0.206 7.407 0.367				153.011 985 10 153.011 997 12	-28.605 946 43 -28.605 970 25	6.40 6.40	-39.83 -39.83	-0.34 -0.34	8.07 13.87	8.41 14.55	0.63 0.63	0.53 0.53	0.51 0.51	A	156					0.09		
10121+2118	1	L C A	A 49970 S 49970	9.589 0.057 9.736 0.065				153.021 071 27 153.021 013 97	+21.298 505 28 +21.298 477 40	7.54 7.54	-42.96 -57.48	-62.01 -38.99	8.82 8.18	6.63 5.85	1.59 1.59	4.08 4.22	3.00 3.17	A	242	0.217	+7			+0.002		
10121+4751	1	F F C	G A 49968 B 49971	9.690 0.004 14.562 0.223	10.297 0.030	9.565 0.026		153.015 664 93 153.022 248 24	+47.846 698 71 +47.839 684 24	34.25 34.25	45.16 45.16	-53.13 -53.13	43.21 16.50	53.20 14.74	15.60 15.60	15.35 15.35	15.42 15.42	A	147.8					29.84		
10122-2716	1	L C A	A 49977 B 49977	8.951 0.007 9.781 0.015				153.045 552 48 153.045 225 87	-27.260 632 92 -27.260 520 18	14.02 14.02	-69.59 -77.04	4.49 14.50	1.86 5.19	1.96 5.11	2.11 2.11	1.59 3.61	1.63 2.90	A	291.2	1.121	+0.3			+0.011		
10123-1605	1	I C A	A 49984 B 49981	7.694 0.006 9.768 0.033	7.822 0.012 9.922 0.040	7.633 0.010 9.627 0.046		153.071 917 64 153.068 606 41	+47.846 456 49 -16.086 050 18	4.87 7.04	-2.91 -0.31	6.46 7.60	1.52 10.71	1.53 12.65	1.64 6.10	1.72 6.13	2.01 7.60	A	277.28	11.55	+0.01			0.00		
10125+1552	1	F C A	A 50000 B 50000	9.650 0.059 11.226 0.253				153.114 689 69 153.114 744 77	+15.870 093 72 +15.870 122 59	4.50 4.50	-54.94 -54.94	-5.97 -5.97	6.85 31.10	5.30 24.59	1.72 1.72	1.94 1.94	1.17 1.17	A	61					0.22		
10126+4901	1	F C A	A 50008 B 50008	10.343 0.064 10.993 0.117				153.137 768 92 153.137 686 51	+49.023 063 09 +49.023 036 33	5.80 5.80	6.16 6.16	0.47 0.47	6.24 12.92	7.37 17.20	2.10 2.10	1.52 1.52	1.22 1.22	A	244					0.22		
10126+6032	1	F C A	A 50015 B 50015	8.843 0.006 10.738 0.033				153.160 795 60 153.160 530 67	+60.533 288 63 +60.533 291 50	10.13 10.13	-3.33 -3.33	57.94 57.94	1.47 8.21	1.30 10.17	1.59 1.59	1.15 1.15	0.98 0.98	A	271					0.47		
10127-6413	1	F C A	G A 50018 B 50018 C 50018	9.081 0.015 9.630 0.018 12.230 0.331				153.178 851 42 153.178 537 50 153.174 262 50	-64.216 431 06 -64.216 371 68 -64.215 915 14	4.47 4.47 4.47	-15.15 -15.15 -15.15	11.99 11.99 11.99	3.09 7.06 25.01	2.25 6.91 25.30	2.46 2.46 2.46	3.16 3.16 3.16	2.10 2.10 2.10	A	294 284.5					0.54 7.42		
10129-4729	1	F C A	A 50036 B 50036	8.416 0.005 10.952 0.044	9.201 0.014	8.329 0.011		153.233 772 67 153.235 625 64	-47.475 682 73 -47.476 575 67	24.40 24.40	-226.65 -226.65	145.77 145.77	0.99 10.14	1.03 14.25	1.24 1.24	0.99 0.99	1.04 1.04	A	125.5					5.54		
10130-6510	1	F C B	A 50038 B 50038	7.031 0.005 10.761 0.128	6.973 0.005 10.346 0.105	7.020 0.007 9.901 0.102		153.239 060 42 153.238 168 35	-65.166 494 08 -65.165 463 48	2.93 2.93	-20.11 -20.11	6.05 6.05	0.76 28.60	0.73 30.60	0.75 0.75	0.96 0.96	0.79 0.79	A	340.0					3.95		
10131+2725	1	F C A	A 50052 B 50052	8.647 0.005 10.334 0.024				153.287 118 40 153.287 365 51	+27.419 900 17 +27.419 733 95	14.36 14.36	-47.19 -47.19	-126.72 -126.72	1.56 6.66	1.27 5.88	1.76 1.76	1.68 1.68	1.36 1.36	A	127.2					0.99		
10135-5145	1	L C A	A 50078 B 50078	6.005 0.003 7.887 0.014				153.366 850 79 153.366 783 37	-51.755 804 87 -51.755 933 11	10.25 10.25	-53.27 -44.42	6.95 11.93	0.72 5.10	0.75 4.07	0.67 0.67	0.61 2.63	0.56 2.13	A	198.0	0.485	-0.8			-0.007		
10138-4801	1	F C A	A 50111 B 50111	8.306 0.005 10.528 0.033				153.462 721 11 153.462 904 69	-48.016 173 91 -48.016 235 37	7.80 7.80	-62.47 -62.47	32.81 32.81	1.10 8.00	1.06 9.70	1.11 1.11	0.90 0.90	0.97 0.97	A	117					0.49		



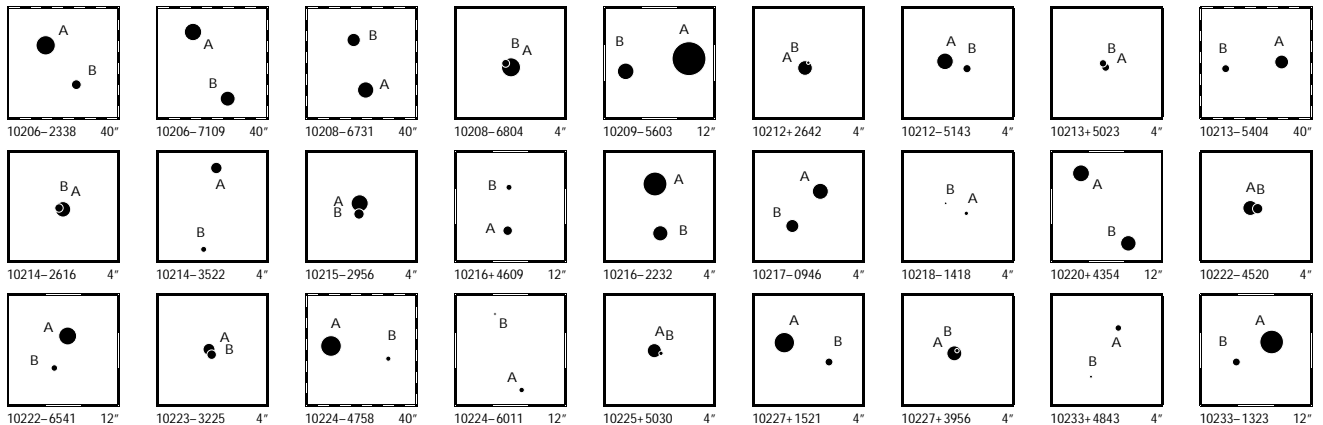
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3	5-6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10138-6542	1	F	CA	A 50107 B 50107	8.417 0.007 8.716 0.009	8.413 0.014 8.743 0.017	8.321 0.017 8.624 0.020	153.451 770 62 153.453 741 52	-65.706 540 50 -65.704 817 56	3.81 3.81	-8.03 -8.03	6.68 6.68	1.63 1.60 1.58 2.00 1.57 3.45 3.33 1.58 2.00 1.57	A 25.20 6.855													
10139+6036	1	F	CA	A 50113 B 50113	8.626 0.006 11.513 0.083	9.926 0.017 11.645 0.101	8.559 0.010 11.335 0.132	153.464 322 98 153.461 178 53	+60.604 509 77 +60.603 531 92	3.26 3.26	-7.31 -7.31	-15.49 -15.49	1.17 1.18 1.68 1.14 1.07 24.92 25.29 1.68 1.14 1.07	A 237.6 6.58													
10140+2227	1	F	CA	A 50130 S 50130	10.857 0.010 11.003 0.011			153.507 509 46 153.507 505 07	+22.456 661 43 +22.456 516 05	15.47 15.47	62.49 62.49	-96.22 -96.22	5.07 4.29 3.59 3.87 3.54 4.92 5.03 3.59 3.87 3.54	A 182 0.524													
10140+4313	1	F	CC	A 50131 B 50131	10.136 0.150 12.067 0.886			153.507 531 83 153.507 461 79	+43.217 451 78 +43.217 435 75	4.13 4.13	34.64 34.64	6.56 6.56	14.21 18.00 1.56 1.49 1.08 85.73 112.88 1.56 1.49 1.08	A 253 0.19													
10143+1207	1	F	CC	A 50159 B 50159	10.119 0.017 13.356 0.331			153.587 207 83 153.586 971 18	+12.111 794 26 +12.111 915 62	4.61 4.61	-7.61 -7.61	-4.39 -4.39	3.05 2.18 2.99 2.60 1.85 71.39 53.62 2.99 2.60 1.85	A 298 0.94													
10143-1235	1	F	CA	A 50157 B 50157	8.747 0.007 11.573 0.090			153.581 655 75 153.581 683 06	-12.584 464 75 -12.584 354 36	3.73 3.73	-33.19 -33.19	6.21 6.21	1.56 1.69 1.55 1.68 1.48 22.10 19.76 1.55 1.68 1.48	A 14 0.41													
10144-3515	1	F	CA	A 50168 B 50168	9.147 0.006 9.375 0.007			153.606 978 49 153.607 125 72	-35.255 131 46 -35.254 913 56	2.11 2.11	-19.52 -19.52	3.69 3.69	1.71 1.95 2.39 1.80 2.14 2.34 2.71 2.39 1.80 2.14	A 28.9 0.896													
10144-3821	1	F	CA	A 50163 B 50163	9.495 0.009 10.229 0.017	9.815 0.024 10.308 0.043	9.160 0.019 9.571 0.035	153.588 459 18 153.588 982 61	-38.349 742 06 -38.349 948 08	6.70 6.70	-63.61 -63.61	18.73 18.73	2.13 1.85 2.25 2.83 2.31 6.53 4.79 2.25 2.83 2.31	A 116.7 1.65													
10146-5518	1	F	CA	A 50179 B 50179	7.966 0.009 10.975 0.147			153.641 679 37 153.641 762 37	-55.293 454 19 -55.293 353 48	2.18 2.18	-10.61 -10.61	2.89 2.89	1.95 2.06 1.35 1.34 1.28 38.72 35.79 1.35 1.34 1.28	A 25 0.40													
10148+0509	1	F	ND	A 50193 B 50193	9.230 0.018 12.603 0.397			153.690 746 03 153.690 684 06	+5.147 368 56 +5.147 293 17	8.31 8.31	-28.44 -28.44	-28.28 -28.28	2.24 1.54 1.93 2.99 1.17 68.52 60.17 1.93 2.99 1.17	A 219 0.35													
10148-0017	1	F	CA	A 50195 B 50195	9.352 0.011 10.607 0.032	9.781 0.029	9.105 0.025	153.706 096 83 153.706 559 75	-0.287 116 38 -0.287 124 70	6.75 6.75	44.33 44.33	-65.52 -65.52	2.23 1.70 2.23 2.60 1.58 10.07 6.09 2.23 2.60 1.58	A 91.0 1.67													
10151+1907	1	F	CA	A 50223 B 50223	9.303 0.009 9.361 0.010	9.551 0.035 9.631 0.035	9.110 0.025 9.034 0.041	153.786 197 21 153.785 515 57	+19.124 316 21 +19.124 178 24	6.34 6.34	-31.17 -31.17	-4.55 -4.55	2.39 1.69 2.29 2.81 1.62 4.65 3.29 2.29 2.81 1.62	A 257.9 2.37													
10151+6443	1	F	CA	A 50214 B 50214	8.737 0.005 11.573 0.062			153.763 213 66 153.763 652 66	+64.717 142 73 +64.717 208 09	5.99 5.99	-58.21 -58.21	-21.19 -21.19	0.99 1.07 1.45 1.00 0.93 15.28 17.58 1.45 1.00 0.93	A 71 0.71													
10151-6717	1	F	CA	A 50217 B 50217	7.734 0.004 9.154 0.012	8.767 0.014 9.805 0.034	7.632 0.010 8.900 0.030	153.775 994 15 153.775 557 05	-67.285 760 07 -67.285 250 76	6.98 6.98	24.52 24.52	20.80 20.80	0.87 0.89 0.90 0.95 0.89 4.36 3.71 0.90 0.95 0.89	A 341.7 1.932													
10152+1153	1	F	CA	A 50225 B 50225	10.145 0.008 10.447 0.010			153.793 559 17 153.793 628 51	+11.878 886 33 +11.879 056 06	16.90 16.90	46.18 46.18	-60.40 -60.40	6.44 4.92 6.31 6.28 4.68 8.35 6.45 6.31 6.28 4.68	A 22 0.658													
10154-4121	1	F	CA	A 50237 B 50237	10.425 0.150 10.561 0.170			153.856 302 49 153.856 295 38	-41.345 023 96 -41.345 073 93	3.49 3.49	-4.11 -4.11	-6.21 -6.21	7.60 14.60 1.40 0.90 1.00 8.32 13.32 1.40 0.90 1.00	A 186 0.18													
10156-3917	1	F	CA	A 50251 B 50251	8.467 0.006 11.143 0.068	8.791 0.011	8.375 0.011	153.909 890 02 153.910 107 77	-39.291 452 70 -39.291 106 69	9.11 9.11	-88.76 -88.76	12.32 12.32	1.29 1.25 1.58 1.47 1.38 22.28 22.78 1.58 1.47 1.38	A 26 1.39													
10157-3129	1	F	CA	A 50256 B 50256	8.330 0.006 11.108 0.072	10.300 0.027	8.369 0.010	153.927 797 86 153.926 988 71	-31.481 207 39 -31.477 682 55	0.77 0.77	0.77 0.77	-3.69 -3.69	0.96 1.14 1.38 0.87 1.16 21.06 19.91 1.38 0.87 1.16	A 348.9 12.93													
10161-5954	1	L	CA	A 50287 B 50287	7.027 0.024 7.051 0.025			154.013 507 74 154.013 627 35	-59.903 450 02 -59.903 422 49	12.07 12.07	-49.94 -28.06	20.15 0.82	2.91 2.10 0.56 1.19 1.39 3.22 2.61 0.56 1.28 1.49	A 65 0.238 +6 +0.012													
10163+1744	1	F	CB	A 50305 B 50305	7.323 0.009 7.561 0.011	7.168 0.041	6.862 0.044	154.066 876 68 154.066 869 92	+17.740 340 24 +17.739 948 80	9.50 9.50	-5.65 -5.65	1.73 1.73	2.00 1.32 1.87 2.14 1.19 4.65 3.67 1.87 2.14 1.19	A 180.9 1.409													
10163-2859	1	F	CA	A 50309 B 50309	8.453 0.011 8.671 0.014			154.078 633 37 154.078 534 73	-28.978 454 12 -28.978 494 85	6.66 6.66	-12.94 -12.94	-18.65 -18.65	1.91 1.89 1.09 1.14 0.86 2.65 3.57 1.09 1.14 0.86	A 245 0.344													
10164+4003	1	F	CA	A 50313 B 50313	10.187 0.008 10.987 0.016			154.102 125 75 154.101 768 38	+40.043 912 74 +40.043 913 11	6.89 6.89	-10.06 -10.06	-2.28 -2.28	2.32 1.77 2.43 2.08 1.47 6.49 5.37 2.43 2.08 1.47	A 270.1 0.98													
10167-4130	1	F	CA	A 50328 B 50328	9.546 0.007 12.287 0.091			154.164 286 19 154.164 508 14	-41.505 739 08 -41.505 523 45	3.44 3.44	-17.30 -17.30	4.75 4.75	1.23 1.31 1.88 1.33 1.40 21.68 22.97 1.88 1.33 1.40	A 38 0.98													
10168-1046	1	F	CB	A 50345 B 50345	9.024 0.009 11.373 0.074	9.289 0.015	8.932 0.016	154.198 532 50 154.198 316 30	-10.772 831 55 -10.773 116 30	2.74 2.74	-18.47 -18.47	-12.49 -12.49	2.30 1.85 2.48 2.67 1.86 36.69 14.65 2.48 2.67 1.86	A 217 1.28													
10168-2040	1	F	CA	A 50340 B 50340	6.705 0.003 10.359 0.095	7.127 0.006	6.631 0.006	154.191 376 54 154.191 770 46	-20.669 646 43 -20.669 782 19	9.80 9.80	-89.80 -89.80	-15.40 -15.40	0.74 0.70 0.82 0.76 0.78 22.33 15.34 0.82 0.76 0.78	A 110 1.41													
10168-3304	1	F	CB	A 50339 B 50339	8.846 0.015 11.590 0.188			154.189 549 32 154.189 681 89	-33.061 138 37 -33.061 170 12	2.07 2.07	-8.98 -8.98	1.92 1.92	3.46 2.26 1.95 1.45 1.72 24.77 23.46 1.95 1.45 1.72	A 106 0.42													
10170+1007	1	F	CA	A 50370 B 50370	8.941 0.008 9.933 0.019	9.007 0.021 10.086 0.057	8.844 0.024 9.654 0.061	154.262 236 63 154.261 352 20	+10.114 364 16 +10.113 482 73	2.92 2.92	1.93 1.93	-3.26 -3.26	2.45 1.59 2.44 2.34 1.35 6.77 6.07 2.44 2.34 1.35	A 224.6 4.460													



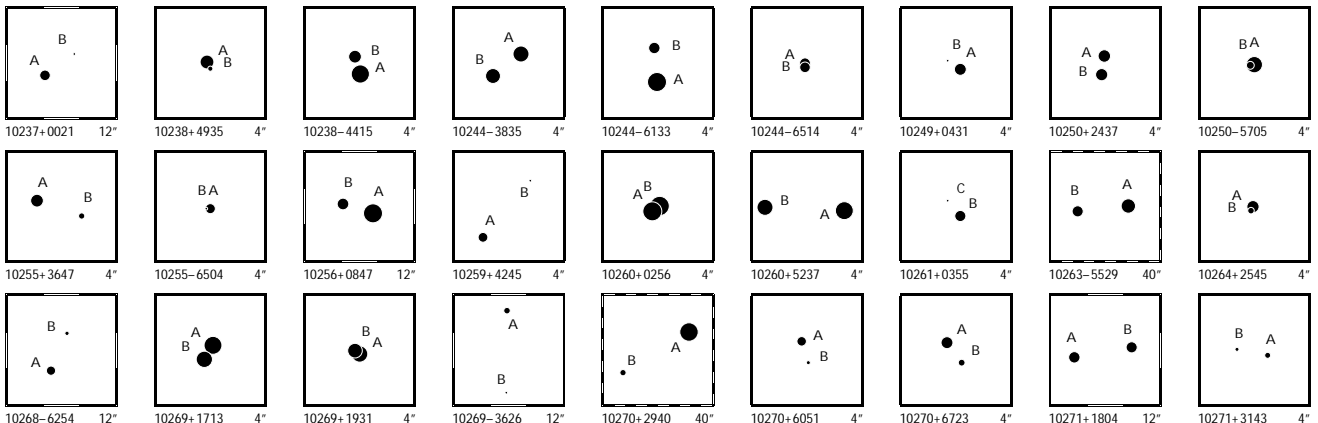
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10172-4131	1	F CA	A 50380 B 50380	9.028 0.005 9.695 0.010	9.291 0.012 9.879 0.021	8.891 0.012 9.413 0.020	154.304 827 08 154.304 555 41	-41.514 539 98 -41.513 827 69	9.79 9.79	9.57 9.57	-32.59 -32.59	1.24 3.03	1.25 3.57	1.69 1.69	1.28 1.28	1.23 1.23	A	344.1	2.667						
10172-6636	1	F CA	A 50377 B 50377	8.290 0.005 8.958 0.009	8.214 0.025 9.111 0.124	8.286 0.033 8.862 0.139	154.293 255 23 154.291 103 63	-66.591 581 94 -66.591 493 77	2.91 2.91	-18.26 -18.26	3.41 3.41	1.24 3.29	1.14 3.24	1.17 1.17	1.25 1.25	1.08 1.08	A	275.9	3.094						
10172-7252	1	F CA	A 50381 B 50381	9.778 0.042 10.590 0.089			154.304 812 66 154.305 062 40	-72.868 224 68 -72.868 247 04	4.64 4.64	-12.14 -12.14	9.63 9.63	6.12 11.25	4.58 10.67	1.26 1.26	1.28 1.28	1.03 1.03	A	107	0.28						
10175-6526	1	F CA	A 50403 B 50403	7.068 0.012 8.641 0.051			154.381 542 09 154.381 639 05	-65.429 519 75 -65.429 453 53	2.88 2.88	-10.27 -10.27	-0.17 -0.17	1.61 7.02	1.68 5.86	0.64 0.64	0.69 0.69	0.66 0.66	A	31	0.28						
10179+7104	1	I NB	A 50433 B 50435	6.742 0.025 7.330 0.037	7.023 0.005 7.688 0.008	6.671 0.005 7.361 0.009	154.460 895 71 154.464 006 01	+71.060 806 30 +71.056 297 30	10.70 15.62	-35.29 -42.35	-44.10 -48.32	2.23 11.03	2.22 10.44	2.33 6.97	2.17 6.70	2.13 6.49	A	167.38	16.63	+0.03	0.00				
10179-4821	1	L CA	A 50436 B 50436	9.028 0.004 10.542 0.016			154.469 100 96 154.469 219 73	-48.353 478 51 -48.353 292 62	8.16 8.16	-37.86 -35.60	-3.18 -16.71	1.20 6.65	1.30 5.94	1.47 1.47	0.87 3.78	0.98 3.55	A	23.0	0.727	+0.6	-0.012				
10180+1711	1	F CA	A 50445 B 50445	8.285 0.005 10.602 0.036	10.131 0.035	8.251 0.014	154.499 669 05 154.499 388 45	+17.186 641 51 +17.186 770 71	2.13 2.13	-2.60 -2.60	2.37 2.37	1.55 11.67	1.02 8.17	1.47 1.47	1.63 1.63	1.00 1.00	A	295.7	1.07						
10181+2731	1	F CA	A 50451 B 50451	8.197 0.004 9.292 0.011	8.560 0.012 9.403 0.029	8.112 0.012 9.117 0.032	154.523 075 88 154.522 380 63	+27.524 470 74 +27.525 580 25	4.10 4.10	1.22 1.22	-20.05 -20.05	1.36 5.10	0.91 3.09	1.54 1.54	1.35 1.35	0.80 0.80	A	330.9	4.570						
10181+5607	1	F CA	A 50457 B 50457	10.948 0.093 11.107 0.098			154.535 281 57 154.535 186 42	+56.108 327 99 +56.108 363 71	-0.31 -0.31	-37.14 -37.14	14.26 14.26	9.06 12.12	6.86 10.07	2.14 2.14	1.87 1.87	1.37 1.37	A	304	0.23						
10181-4014	1	L CA	A 50454 B 50454	8.261 0.004 10.044 0.020	8.370 0.006 11.045 0.042	8.211 0.007 9.780 0.022	154.526 848 70 154.525 266 06	-40.239 375 22 -40.237 627 60	4.56 4.56	-0.13 -1.51	-5.83 17.69	0.76 4.92	0.96 6.40	1.11 1.11	0.61 3.00	0.77 3.55	A	325.34	7.648	+0.09	+0.020				
10182-5049	1	L CA	A 50463 B 50463	8.317 0.017 9.179 0.037			154.550 070 35 154.549 963 62	-50.823 722 52 -50.823 776 46	6.86 6.86	-18.33 -12.47	13.15 15.66	2.23 4.63	2.00 4.42	0.94 0.94	1.19 2.76	1.19 2.75	A	231	0.311	0	-0.006				
10184+3730	1	F CA	A 50472 B 50472	8.323 0.007 10.414 0.045	8.470 0.012	8.204 0.013	154.589 027 35 154.589 410 73	+37.508 292 56 +37.508 383 57	6.24 6.24	-72.12 -72.12	-13.13 -13.13	1.55 17.41	1.29 8.81	1.48 1.48	1.42 1.42	1.13 1.13	A	73	1.14						
10184+4346	1	F CA	A 50475 B 50475	8.291 0.005 10.068 0.025			154.598 392 97 154.598 105 12	+43.759 242 33 +43.759 226 56	3.86 3.86	-39.52 -39.52	-9.43 -9.43	1.25 6.71	0.99 6.78	1.33 1.33	1.45 1.45	0.99 0.99	A	266	0.75						
10186+3907	1	F CA	A 50487 B 50487	9.190 0.006 10.754 0.025	9.767 0.023	9.044 0.020	154.639 288 47 154.638 770 92	+39.110 533 54 +39.111 012 08	12.61 12.61	-161.62 -161.62	-15.60 -15.60	1.53 8.01	1.27 7.10	1.71 1.71	1.47 1.47	1.03 1.03	A	320.0	2.25						
10190-5601	1	F CA	A 50518 B 50518	7.490 0.004 8.269 0.008			154.759 508 17 154.757 954 82	-56.020 778 76 -56.020 604 73	6.06 6.06	-50.56 -50.56	24.46 24.46	0.82 2.07	0.85 2.06	0.88 0.88	0.87 0.87	0.83 0.83	A	281.33	3.188						
10191-6441	1	L CA	A 50520 B 50520	6.366 0.004 6.507 0.005	6.389 0.009 6.493 0.012	6.320 0.006 6.428 0.007	154.771 330 97 154.770 173 99	-64.676 287 86 -64.675 818 20	11.18 11.18	-35.18 -38.23	12.33 15.61	1.20 1.64	1.35 1.67	0.87 0.87	1.16 1.46	0.93 1.11	B	313.50	2.456	+0.01	+0.004				
10192+2034	1	L CA	A 50524 B 50524	9.406 0.007 10.269 0.015			154.794 760 16 154.794 748 75	+20.563 404 12 +20.563 646 77	16.86 16.86	-159.55 -185.91	-11.85 -21.98	2.32 6.23	1.68 4.54	2.13 2.13	2.27 4.41	1.22 2.43	A	357.5	0.874	-1.8	-0.009				
10193-1232	1	F CA	A 50536 B 50536	6.205 0.004 8.535 0.031			154.820 331 71 154.820 254 98	-12.528 100 11 -12.527 998 11	15.01 15.01	-17.73 -17.73	-13.01 -13.01	1.78 18.11	1.10 8.35	1.33 1.33	1.80 1.80	0.98 0.98	A	324	0.46						
10199+1951	1	L CA	A 50583 B 50583	2.491 0.004 3.644 0.011	3.792 0.067	2.366 0.046	154.992 340 54 154.993 457 11	+19.841 860 32 +19.841 141 83	25.96 25.96	310.77 306.37	-152.88 -160.77	0.92 4.21	0.65 3.48	0.83 0.83	1.13 3.30	0.67 2.33	A	124.38	4.581	+0.11	+0.001				
10201-0421	1	F CB	A 50593 B 50593	8.052 0.005 11.428 0.101	8.339 0.010	7.976 0.013	155.029 127 23 155.029 836 50	-4.343 439 36 -4.343 910 16	7.38 7.38	-25.63 -25.63	7.47 7.47	1.10 24.59	0.81 19.94	1.19 1.19	1.17 1.17	0.78 0.78	A	123.7	3.06						
10201-6710	1	F CA	A 50589 B 50589	7.468 0.004 8.396 0.010	7.299 0.021	7.323 0.021	155.014 806 40 155.015 711 16	-67.167 937 15 -67.167 568 25	1.85 1.85	-8.08 -8.08	7.34 7.34	0.96 3.17	1.04 3.06	1.02 1.02	1.10 1.10	1.09 1.09	A	43.6	1.833						
10202-3308	1	F CA	A 50602 B 50602	7.592 0.004 9.983 0.033	7.710 0.005 10.283 0.029	7.535 0.007 9.785 0.029	155.057 016 86 155.054 011 22	-33.128 733 34 -33.127 987 27	7.67 7.67	-24.34 -24.34	9.85 9.85	0.72 6.87	0.84 10.54	1.01 1.01	0.81 0.81	0.87 0.87	A	286.5	9.45						
10202-8139	1	F CA	A 50607 B 50607	7.477 0.003 9.381 0.015			155.062 167 76 155.061 763 75	-81.648 517 54 -81.648 652 82	6.22 6.22	-54.65 -54.65	34.93 34.93	0.83 6.22	0.79 4.48	0.76 0.76	0.77 0.77	0.69 0.69	A	203	0.531						
10204+0310	1	F CA	A 50622 B 50622	10.596 0.066 11.768 0.193			155.105 326 74 155.105 282 62	+3.164 352 73 +3.164 425 63	4.52 4.52	-12.60 -12.60	-2.97 -2.97	10.12 39.06	8.18 21.38	3.39 3.39	3.42 3.42	2.20 2.20	A	329	0.31						
10204+6808	1	I CA	A 50620 B 50618	10.041 0.025 11.151 0.057	10.547 0.036 11.732 0.104	9.906 0.031 10.881 0.075	155.099 436 14 155.094 896 71	+68.139 000 25 +68.134 112 78	5.46 4.41	-18.56 -19.00	-16.38 -18.71	3.37 20.46	3.39 20.03	3.69 11.02	3.16 9.26	3.11 9.13	A	199.08	18.62	0.00	0.00				
10205+0626	1	F CA	A 50637 B 50637 C 50637	8.044 0.022 8.371 0.029 9.574 0.090			155.134 666 33 155.134 450 09 155.134 973 41	+6.429 876 75 +6.430 033 89 +6.432 031 18	6.98 6.98 6.98	-7.75 -7.75 -7.75	-44.49 -44.49 -44.49	5.85 8.16 17.66	4.96 7.26 11.86	5.95 5.95 5.95	8.45 8.45 8.45	4.45 4.45 4.45	A	306	0.96						
10206-1621	1	F CA	A 50645 B 50645	9.237 0.008 9.682 0.011	9.669 0.034 10.092 0.066	8.951 0.030 9.294 0.055	155.152 775 64 155.152 625 18	-16.350 760 89 -16.350 316 58	3.09 3.09	25.08 25.08	-23.29 -23.29	2.19 5.70	2.17 4.42	2.55 2.55	2.74 2.74	2.41 2.41	A	342.0	1.682						



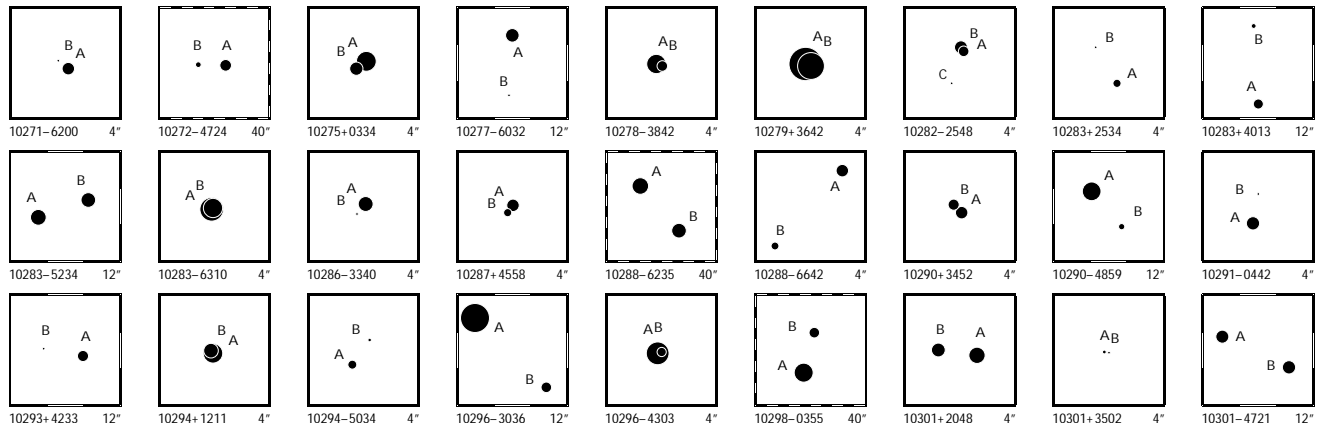
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10206-2338	1	LFD	D	A 50638 B 50636	7.712 0.028 9.853 0.178	8.981 0.018 10.410 0.051	7.664 0.011 9.669 0.043	155.138 782 70 -23.640 382 41 155.135 392 93 -23.644 385 79	7.14 7.14	-45.64 -28.68 -49.84 -56.58	2.51 2.60 2.60 2.63 2.87 20.09 31.87 2.60 18.71 20.87	A 217.8 18.24 0.0 +0.02													
10206-7109	1	IND	D	A 50651 B 50648	8.163 0.008 8.723 0.011	8.125 0.009 8.693 0.012	8.121 0.011 8.639 0.014	155.168 201 63 -71.148 538 75 155.157 097 17 -71.155 368 14	3.91 6.05	-23.48 7.03 -23.55 4.69	1.57 1.68 1.41 1.65 1.59 3.52 3.92 2.14 2.51 2.45	A 207.71 27.771 0.00 +0.002													
10208-6731	1	ICA	A	A 50667 B 50670	8.413 0.022 9.076 0.036	8.306 0.016 8.933 0.013	8.278 0.019 8.813 0.015	155.204 802 15 -67.525 772 74 155.207 977 97 -67.520 630 60	0.28 3.22	-18.11 1.95 -20.41 5.43	2.27 2.27 2.00 2.68 2.49 10.01 10.57 4.34 5.62 5.44	A 13.29 19.02 -0.01 0.00													
10208-6804	1	FCA	A	A 50659 B 50659	7.783 0.017 10.254 0.169			155.189 047 34 -68.065 576 75 155.189 203 08 -68.065 530 61	1.85 1.85	-6.16 3.16 -6.16 3.16	2.33 2.18 0.67 0.72 0.70 14.82 15.00 0.67 0.72 0.70	A 52 0.27													
10209-5603	1	FCA	P	A 50676 B 50676	4.481 0.002 8.356 0.071	4.358 0.002	4.491 0.002	155.228 395 81 -56.043 224 01 155.231 897 04 -56.043 632 06	2.34 2.34	-18.15 1.49 -18.15 1.49	0.44 0.47 0.49 0.49 0.44 17.54 16.12 0.49 0.49 0.44	A 101.8 7.19													
10212+2642	1	LCA	A	A 50699 B 50699	8.738 0.035 11.197 0.333			155.291 816 52 +26.696 677 56 155.291 771 40 +26.696 730 87	8.26 8.26	23.04 -50.04 25.13 -66.59	4.85 4.68 1.31 1.63 0.82 31.30 22.47 1.31 12.31 4.52	A 323 0.24 -2 -0.01													
10212-5143	1	FCA	A	A 50704 B 50704	8.329 0.004 10.194 0.022			155.307 710 25 -51.714 580 40 155.307 346 53 -51.714 652 83	3.08 3.08	-15.41 -0.21 -15.41 -0.21	1.05 0.94 1.20 1.04 0.91 7.16 7.17 1.20 1.04 0.91	A 252.2 0.85													
10213+5023	1	FCA	A	A 50716 B 50716	10.245 0.187 10.350 0.206			155.332 429 21 +50.375 780 72 155.332 478 46 +50.375 817 13	6.80 6.80	-5.44 3.26 -5.44 3.26	11.19 12.76 1.52 1.12 0.87 11.73 12.49 1.52 1.12 0.87	A 41 0.17													
10213-5404	1	FCA	A	A 50714 B 50714	8.961 0.050 10.271 0.142	9.560 0.019 11.150 0.081	8.836 0.016 10.325 0.058	155.323 500 98 -54.061 575 65 155.333 184 58 -54.062 247 70	13.52 13.52	-59.14 30.89 -59.14 30.89	1.76 1.75 2.09 1.71 1.59 31.19 31.09 2.09 1.71 1.59	A 96.7 20.60													
10214-2616	1	FCB	A	A 50724 B 50724	8.579 0.117 10.129 0.488			155.351 229 29 -26.262 172 65 155.351 271 46 -26.262 154 91	10.06 10.06	-39.87 -16.26 -39.87 -16.26	8.52 4.37 0.85 0.89 0.76 27.87 25.02 0.85 0.89 0.76	A 65 0.15													
10214-3522	1	FCA	A	A 50723 B 50723	9.480 0.007 10.678 0.018	9.858 0.020 10.514 0.097	9.244 0.018 9.859 0.066	155.348 538 11 -35.360 400 19 155.348 698 83 -35.361 228 83	13.71 13.71	-167.56 -29.41 -167.56 -29.41	1.54 1.51 1.83 1.56 1.72 4.86 4.85 1.83 1.56 1.72	A 171.0 3.020													
10215-2956	1	FCA	A	A 50732 B 50732	8.205 0.009 9.740 0.035			155.384 744 46 -29.937 986 60 155.384 746 71 -29.938 095 36	2.89 2.89	-49.65 13.68 -49.65 13.68	1.32 1.95 1.30 1.14 1.65 6.26 6.38 1.30 1.14 1.65	A 179 0.39													
10216+4609	1	FCA	A	A 50733 B 50733	9.927 0.010 10.703 0.020	10.235 0.028 10.947 0.049	9.794 0.029 10.446 0.048	155.392 221 49 +46.152 134 94 155.392 146 30 +46.153 465 82	5.77 5.77	4.93 -10.10 4.93 -10.10	2.52 1.65 2.64 2.39 1.85 7.15 4.90 2.64 2.39 1.85	A 357.8 4.79													
10216-2232	1	FCA	A	A 50739 B 50739	6.719 0.003 8.632 0.016	6.703 0.008	6.654 0.010	155.399 537 70 -22.528 511 50 155.399 478 66 -22.529 017 15	7.66 7.66	-48.01 0.59 -48.01 0.59	0.91 0.80 1.04 0.89 0.98 6.72 4.96 1.04 0.89 0.98	A 186.2 1.831													
10217-0946	1	FCA	A	A 50747 B 50747	8.437 0.006 9.121 0.012	8.752 0.014	8.073 0.012	155.431 062 00 -9.773 767 96 155.431 354 52 -9.774 124 53	18.16 18.16	14.05 -48.56 14.05 -48.56	1.53 1.44 1.78 2.04 1.38 4.38 3.94 1.78 2.04 1.38	A 141.0 1.65													
10218-1418	1	FCA	A	A 50756 B 50756	11.046 0.013 11.887 0.028			155.460 798 95 -14.306 322 77 155.461 018 48 -14.306 222 84	17.40 17.40	-337.15 115.37 -337.15 115.37	3.46 2.90 3.85 3.58 2.87 12.32 11.11 3.85 3.58 2.87	A 65 0.85													
10220+4354	1	FCA	A	A 50766 B 50766	8.261 0.007 8.595 0.009	8.686 0.011 9.035 0.013	8.176 0.011 8.543 0.013	155.502 320 78 +43.905 381 77 155.500 296 87 +43.903 229 97	7.47 7.47	-34.75 -9.88 -34.75 -9.88	1.80 1.32 2.02 2.19 1.43 4.17 3.10 2.02 2.19 1.43	A 214.13 9.358													
10222-4520	1	FCA	A	A 50791 B 50791	8.714 0.020 9.721 0.050			155.554 974 70 -45.330 888 14 155.554 861 73 -45.330 895 95	3.52 3.52	-20.41 3.91 -20.41 3.91	3.26 2.07 1.15 0.85 0.82 6.74 6.06 1.15 0.85 0.82	A 264 0.287													
10222-6541	1	FCA	A	A 50788 B 50788	8.039 0.004 10.577 0.038	8.250 0.009	7.986 0.011	155.549 090 92 -65.690 293 43 155.550 095 36 -65.691 295 40	6.95 6.95	-41.20 21.66 -41.20 21.66	0.77 0.81 0.86 0.87 0.85 8.59 10.43 0.86 0.87 0.85	A 157.6 3.90													
10223-3225	1	FCA	A	A 50795 B 50795	9.351 0.068 9.927 0.116			155.573 969 11 -32.415 639 42 155.573 944 38 -32.415 687 02	4.52 4.52	-11.69 5.24 -11.69 5.24	3.27 5.95 1.07 0.75 1.07 5.28 9.32 1.07 0.75 1.07	A 204 0.19													
10224-4758	1	IND	D	A 50804 B 50798	7.421 0.028 10.885 0.545	7.510 0.005	7.390 0.006	155.591 579 56 -47.971 507 30 155.582 811 40 -47.972 811 27	3.29 98.17	-32.06 5.30 -98.49 62.53	1.36 1.39 1.46 1.26 1.22 112.19 118.55 79.48 71.05 67.98	A 257.5 21.65 +0.2 +0.05													
10224-6011	1	FCA	A	A 50808 B 50808	10.788 0.019 12.539 0.093	11.946 0.290	10.731 0.160	155.600 815 60 -60.176 128 97 155.602 490 66 -60.173 815 27	49.88 49.88	344.17 -412.93 344.17 -412.93	2.79 2.33 2.71 3.20 2.47 25.93 18.97 2.71 3.20 2.47	A 19.8 8.85													
10225+5030	1	FCA	A	A 50815 B 50815	8.887 0.044 11.036 0.320			155.619 854 18 +50.494 159 11 155.619 754 24 +50.494 131 93	8.31 8.31	-56.38 -66.18 -56.38 -66.18	7.90 3.89 1.65 1.31 1.06 29.80 27.57 1.65 1.31 1.06	A 247 0.25													
10227+1521	1	FCA	A	A 50829 B 50829	7.476 0.004 10.280 0.057	8.116 0.010	7.371 0.008	155.683 172 69 +15.344 613 20 155.682 697 51 +15.344 406 06	35.10 35.10	-262.13 -86.39 -262.13 -86.39	1.34 0.90 1.33 1.41 0.82 17.33 16.37 1.33 1.41 0.82	A 246 1.81													
10227+3956	1	FND	D	A 50830 B 50830	8.709 0.106 11.057 0.920			155.686 471 82 +39.925 813 13 155.686 428 12 +39.925 844 85	4.66 4.66	-3.09 -3.93 -3.09 -3.93	5.58 4.44 1.15 1.01 0.74 73.10 65.75 1.15 1.01 0.74	A 313 0.17													
10233+4843	1	FCA	A	A 50875 B 50875	10.555 0.008 11.333 0.016	10.948 0.045	10.263 0.039	155.824 511 11 +48.710 973 16 155.824 933 06 +48.710 476 59	4.75 4.75	7.15 -17.27 7.15 -17.27	2.07 2.25 3.27 2.48 2.15 5.66 6.04 3.27 2.48 2.15	A 150.7 2.05													
10233-1323	1	FCB	A	A 50874 B 50874	6.754 0.004 10.257 0.085	7.224 0.007	6.693 0.006	155.823 479 64 -13.377 048 90 155.824 603 89 -13.377 681 64	18.64 18.64	-143.23 -42.66 -143.23 -42.66	0.85 0.72 0.90 0.95 0.76 29.05 22.14 0.90 0.95 0.76	A 120.0 4.55													



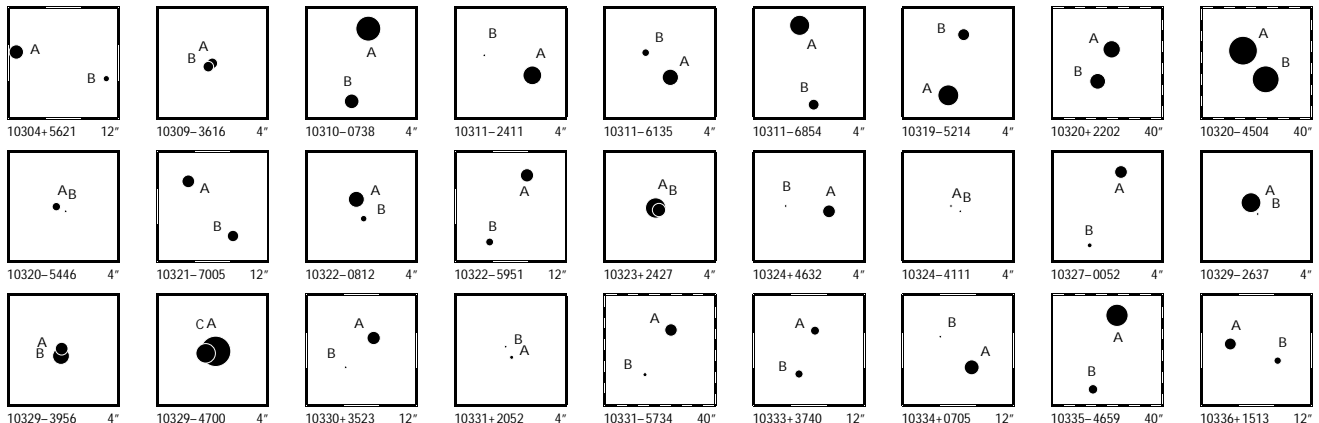
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10237+0021	1	FCA	A 50902 B 50902	9.636 0.007 11.847 0.048		9.964 0.020	9.501 0.020	155.914 656 58 155.913 764 51	+0.343 270 75 +0.343 940 78	5.54 5.54	-11.46 -18.00 -11.46 -18.00	2.00 1.44 1.97 2.26 1.35 17.29 9.08 1.97 2.26 1.35	A 306.9 4.02													
10238+4935	1	FFD	D A 50909 B 50909	8.963 0.102 10.889 0.601				155.944 126 67 155.944 076 71	+49.591 157 35 +49.591 089 38	2.07 2.07	8.98 -27.93 8.98 -27.93	10.60 20.83 1.59 1.39 1.20 25.42 28.14 1.21 1.39 1.20	A 205 0.27													
10238-4415	1	FCA	A 50912 B 50912	7.954 0.004 9.174 0.012				155.947 357 06 155.947 427 15	-44.242 437 45 -44.242 260 92	3.89 3.89	-14.15 3.35 -14.15 3.35	0.84 0.99 1.21 0.93 1.00 3.59 3.13 1.21 0.93 1.00	A 15.9 0.661													
10244-3835	1	FCA	A 50956 B 50956	8.489 0.007 8.672 0.008				156.104 364 23 156.104 728 66	-38.580 497 48 -38.580 721 33	6.41 6.41	-26.53 -13.88 -26.53 -13.88	1.59 1.49 1.78 1.72 1.47 3.63 3.59 1.78 1.72 1.47	A 128.2 1.30													
10244-6133	1	FCA	A 50953 B 50953	7.823 0.005 9.472 0.023		7.657 0.009	7.708 0.012	156.095 068 80 156.095 118 36	-61.551 886 12 -61.551 536 85	3.37 3.37	-12.71 7.89 -12.71 7.89	0.91 0.92 0.92 1.02 0.88 4.87 6.62 0.92 1.02 0.88	A 3.9 1.26													
10244-6514	1	FCA	A 50952 B 50952	9.618 0.251 9.638 0.256				156.092 450 29 156.092 470 81	-65.228 385 75 -65.228 424 72	3.83 3.83	-57.32 20.17 -57.32 20.17	8.98 21.04 0.95 0.96 0.90 9.45 12.32 0.95 0.96 0.90	A 168 0.14													
10249+0431	1	FCB	A 50983 B 50983	9.359 0.013 12.426 0.208				156.216 827 10 156.216 964 87	+4.518 471 66 -4.518 556 49	3.40 3.40	-26.29 -2.67 -26.29 -2.67	2.81 2.37 2.42 2.38 1.85 43.36 52.25 2.42 2.38 1.85	A 58 0.58													
10250+2437	1	LCA	A 50998 B 50998	9.258 0.005 9.291 0.005				156.257 421 04 156.257 444 78	+24.612 746 71 +24.612 559 27	15.03 15.03	10.12 -188.66 22.85 -192.25	3.72 3.69 2.97 2.66 2.73 5.48 4.35 2.97 3.89 3.27	A 173.4 0.679 -1.0 +0.005													
10250-5705	1	FCB	A 50996 B 50996	8.411 0.139 10.252 0.759				156.254 816 15 156.254 890 80	-57.086 494 93 -57.086 501 06	1.11 1.11	-12.19 2.66 -12.19 2.66	10.69 5.65 0.78 0.81 0.71 45.30 34.22 0.78 0.81 0.71	A 99 0.15													
10255+3647	1	FCA	A 51030 B 51030	9.181 0.007 10.625 0.024		9.496 0.022	9.030 0.022	156.385 892 13 156.385 319 77	+36.783 085 55 +36.782 927 01	3.94 3.94	5.68 2.38 5.68 2.38	1.69 1.41 1.87 1.71 1.22 6.81 8.45 1.87 1.71 1.22	A 250.9 1.75													
10255-6504	1	FND	D A 51031 B 51031	9.805 0.336 11.391 1.447				156.387 292 07 156.387 378 29	-65.066 289 83 -65.066 290 26	9.22 9.22	5.42 -17.58 5.42 -17.58	14.54 7.37 1.18 1.29 1.10 116.12 31.41 1.18 1.29 1.10	A 91 0.13													
10256+0847	1	FCA	A 51036 B 51036	7.781 0.005 9.417 0.023		7.951 0.016 9.502 0.097	7.694 0.019 9.067 0.108	156.396 361 32 156.397 304 12	+8.776 503 42 +8.776 794 90	5.25 5.25	-11.11 -4.98 -11.11 -4.98	1.36 1.21 1.28 1.28 1.14 6.17 5.78 1.28 1.28 1.14	A 72.6 3.51													
10259+4245	1	FCA	A 51055 B 51055	9.856 0.014 11.609 0.070		10.245 0.028	9.685 0.026	156.473 422 74 156.472 774 32	+42.743 040 30 +42.743 621 60	5.36 5.36	62.73 -12.86 62.73 -12.86	2.38 1.59 2.54 2.32 1.56 18.56 12.34 2.54 2.32 1.56	A 320.7 2.71													
10260+0256	1	FCA	A 51061 B 51061	7.710 0.044 7.793 0.047				156.494 498 58 156.494 568 70	+2.929 215 46 +2.929 162 53	6.37 6.37	-30.72 -1.67 -30.72 -1.67	4.46 3.27 1.15 1.16 0.97 4.51 3.39 1.15 1.16 0.97	B 127 0.32													
10260+5237	1	LCA	A 51062 B 51062	8.067 0.005 8.466 0.008		8.442 0.011 8.865 0.013	7.981 0.009 8.365 0.011	156.495 928 01 156.497 261 46	+52.621 832 18 +52.621 865 95	12.22 12.22	-124.72 -39.71 -131.37 -43.88	1.34 1.29 1.69 1.31 1.10 3.20 3.64 1.69 2.60 2.45	A 87.61 2.917 +0.08 -0.007													
10261+0355	1	FCA	C 51072 B 51072	9.562 0.006 11.446 0.034				156.532 277 23 156.532 410 50	+3.900 727 08 +3.900 880 13	4.22 4.22	16.23 -7.26 16.23 -7.26	3.07 3.02 2.72 3.22 2.87 17.12 13.43 2.72 3.22 2.87	B 41 0.73													
10263-5529	1	LCA	A 51092 B 51095	8.825 0.020 9.542 0.033		9.122 0.013 10.400 0.032	8.686 0.013 9.305 0.020	156.579 932 02 156.589 184 72	-55.476 834 11 -55.477 374 06	8.12 7.02	-73.54 11.01 -17.34 14.55	2.29 2.49 2.36 2.23 2.18 13.71 14.77 4.79 11.23 8.69	A 95.88 18.98 -0.03 +0.06													
10264+2545	1	FCA	A 51094 B 51094	9.293 0.059 10.575 0.191				156.589 289 17 156.589 292 34	+25.743 378 78 +25.743 330 33	9.05 9.05	-50.17 -47.65 -50.17 -47.65	6.18 5.33 1.03 1.14 0.70 20.99 14.52 1.03 1.14 0.70	A 162 0.18													
10268-6254	1	LCA	A 51138 B 51138	9.930 0.009 11.065 0.025		11.342 0.118	9.914 0.049	156.699 675 74 156.698 604 90	-62.901 716 41 -62.900 583 25	36.97 36.97	-285.89 -349.84 -269.05 -367.68	2.31 2.27 2.29 2.20 1.96 9.54 9.45 2.29 5.45 5.01	A 336.7 4.441 +0.1 -0.023													
10269+1713	1	FCA	A 51145 B 51145	8.018 0.006 8.428 0.008				156.720 977 82 156.721 072 23	+17.219 587 94 +17.219 450 05	11.67 11.67	-49.81 -60.71 -49.81 -60.71	3.07 3.16 2.70 3.12 3.04 6.75 3.92 2.70 3.12 3.04	A 147 0.59													
10269+1931	1	LCA	A 51147 B 51147	8.422 0.049 8.788 0.069				156.725 901 79 156.725 948 39	+19.512 447 54 +19.512 490 15	14.04 14.04	5.78 -42.04 -8.17 -29.20	5.06 5.06 1.36 2.25 1.79 6.35 6.50 1.36 2.95 2.39	A 46 0.220 -5 -0.001													
10269-3626	1	FCA	A 51149 B 51149	10.568 0.015 11.434 0.031		11.470 0.092	10.510 0.062	156.732 104 78 156.732 169 46	-36.436 728 89 -36.439 253 35	0.42 0.42	-0.61 -4.82 -0.61 -4.82	2.47 2.96 3.46 2.61 3.97 9.32 11.03 3.46 2.61 3.97	A 178.8 9.09													
10270+2940	1	INB	P A 51158 B 51162	7.899 0.007 10.604 0.059		8.229 0.008 11.257 0.063	7.838 0.008 10.280 0.042	156.748 233 28 156.756 067 13	+29.675 316 99 +29.671 145 52	10.14 -10.51	-74.45 -17.61 -86.30 3.66	1.91 1.53 1.98 1.75 1.26 20.20 14.51 13.42 12.68 8.63	A 121.50 28.74 -0.02 -0.02													
10270+6051	1	FCA	A 51160 B 51160	9.898 0.007 11.100 0.021				156.751 336 61 156.751 184 15	+60.845 516 97 +60.845 300 37	3.48 3.48	-38.53 -0.05 -38.53 -0.05	1.18 1.91 2.71 1.17 1.66 5.96 6.86 2.71 1.17 1.66	A 198.9 0.82													
10270+6723	1	FCA	A 51159 B 51159	9.335 0.008 10.514 0.022				156.751 130 13 156.750 749 57	+67.370 161 69 +67.369 959 26	14.35 14.35	-9.59 20.98 -9.59 20.98	1.43 1.42 1.89 1.55 1.30 5.64 5.44 1.89 1.55 1.30	A 215.9 0.90													
10271+1804	1	FCA	A 51171 B 51171	9.487 0.010 9.568 0.010		10.309 0.045 10.496 0.061	9.370 0.033 9.427 0.036	156.785 349 46 156.783 494 89	+18.062 670 70 +18.062 989 27	19.31 19.31	-120.18 -109.07 -120.18 -109.07	3.46 2.46 3.57 4.17 2.43 6.17 4.64 3.57 4.17 2.43	A 280.24 6.45													
10271+3143	1	FCA	A 51167 B 51167	10.667 0.011 11.105 0.016				156.771 781 93 156.772 151 61	+31.722 927 15 +31.722 990 40	10.64 10.64	-62.19 2.77 -62.19 2.77	3.47 2.56 3.47 2.92 2.17 10.95 6.15 3.47 2.92 2.17	A 78.6 1.15													



System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
10271-6200	1	F CA	A 51166 B 51166	9.219 0.008 11.446 0.059							156.767 093 06 156.767 307 44	-62.005 813 88 -62.005 735 05	13.48 13.48	-82.97 -82.97	-86.02 -86.02	1.62 1.52 1.34 1.46 1.32 14.16 13.38 1.34 1.46 1.32	A 52 0.46									
10272-4724	1	L CA	A 51180 B 51180	9.395 0.008 10.719 0.026	9.866 0.020 11.624 0.110	9.326 0.018 10.619 0.069					156.805 133 03 156.809 340 76	-47.404 485 31 -47.404 436 25	7.67 7.67	-52.33 -11.31	14.20 0.73	1.54 1.45 1.63 1.18 1.04 7.37 7.24 1.63 6.83 5.64	A 89.01 10.25 +0.08 +0.04									
10275+0334	1	F CA	A 51204 B 51204	7.627 0.007 9.031 0.025							156.876 194 30 156.876 296 99	+3.563 599 53 +3.563 512 59	7.27 7.27	-129.70 -129.70	-21.88 -21.88	1.83 1.48 1.45 1.88 1.37 8.03 4.46 1.45 1.88 1.37	A 130.3 0.48									
10277-6032	1	F CA	A 51215 B 51215	9.009 0.007 12.130 0.114	8.952 0.013	9.025 0.018					156.920 338 42 156.920 582 89	-60.530 743 09 -60.532 593 59	2.37 2.37	-15.30 -15.30	3.02 3.02	1.14 1.13 1.22 1.29 1.14 31.63 24.24 1.22 1.29 1.14	A 176.3 6.68									
10278-3842	1	F CA	A 51227 B 51227	7.728 0.021 9.672 0.127							156.948 192 36 156.948 101 43	-38.703 671 71 -38.703 699 68	12.35 12.35	-77.86 -77.86	-31.20 -31.20	3.74 2.94 1.17 1.11 1.04 13.67 15.92 1.17 1.11 1.04	A 248 0.27									
10279+3642	1	L CA	A 51233 B 51233	4.620 0.015 6.041 0.055							156.971 231 79 156.971 169 96	+36.707 484 36 +36.707 455 32	22.34 22.34	-134.15 -102.97	-113.57 -95.00	2.23 3.39 0.87 1.18 1.58 8.16 13.44 0.87 3.69 5.95	A 240 0.207 0 -0.036									
10282-2548	1	F CA	G A 51255 A 51255 C 51255	9.135 0.168 9.676 0.267 12.407 0.346							157.043 917 04 157.043 892 74 157.044 026 08	-25.807 324 93 -25.807 361 01 -25.807 688 18	10.89 10.89 10.89	-55.11 -55.11 -55.11	23.91 23.91 23.91	4.92 6.43 1.85 1.73 1.50 10.17 11.93 1.85 1.73 1.50 58.53 56.42 1.85 1.73 1.50	B 211 0.15 B 165 1.35									
10283+2534	1	F CC	A 51260 B 51260	10.186 0.016 12.992 0.204	10.568 0.044	10.046 0.046					157.062 515 04 157.062 762 88	+25.573 218 15 +25.573 586 95	4.53 4.53	10.83 10.83	-12.23 -12.23	2.67 1.86 2.53 2.41 1.63 67.95 45.66 2.53 2.41 1.63	A 31 1.55									
10283+4013	1	F CA	A 51269 B 51269	9.763 0.007 10.931 0.019	10.244 0.026 11.311 0.059	9.675 0.026 10.638 0.051					157.086 832 19 157.087 008 58	+40.210 613 78 +40.213 002 46	4.98 4.98	13.38 13.38	-37.09 -37.09	2.26 1.46 2.48 2.23 1.47 9.48 5.84 2.48 2.23 1.47	A 3.2 8.61									
10283-5234	1	F CA	A 51266 B 51266	8.526 0.006 8.765 0.008	9.354 0.019 9.570 0.024	8.415 0.015 8.646 0.018					157.077 585 25 157.075 038 26	-52.561 797 63 -52.561 725 91	29.86 29.86	-102.80 -102.80	55.66 55.66	1.53 1.29 1.64 1.39 1.09 3.44 3.00 1.64 1.39 1.09	A 288.62 5.882									
10283-6310	1	F CB	A 51265 B 51265	6.785 0.219 7.763 0.539							157.076 185 16 157.076 146 01	-63.164 578 24 -63.164 560 40	1.60 1.60	-16.31 -16.31	3.26 3.26	7.75 8.05 0.57 0.58 0.54 14.92 14.28 0.57 0.58 0.54	A 315 0.09									
10286-3340	1	F ND	D A 51288 B 51288	8.700 0.010 12.961 0.517							157.145 462 32 157.145 570 83	-33.672 250 92 -33.672 355 02	1.00 1.00	-9.19 -9.19	6.65 6.65	1.43 1.39 1.68 1.70 1.43 106.90 102.68 1.68 1.70 1.43	A 139 0.50									
10287+4558	1	F CA	A 51301 B 51301	9.252 0.022 10.220 0.052							157.182 768 38 157.182 844 90	+45.964 189 57 +45.964 115 94	12.27 12.27	-22.06 -22.06	6.87 6.87	3.38 3.02 1.61 1.42 1.15 9.36 6.07 1.61 1.42 1.15	A 144 0.33									
10288-6235	1	I CA	A 51308 B 51306	8.351 0.039 8.762 0.050	8.231 0.012 8.704 0.033	8.263 0.015 8.786 0.049					157.202 141 34 157.193 641 17	-62.584 023 40 -62.588 655 58	0.69 -0.35	-12.76 -6.23	5.07 2.18	2.61 2.45 2.32 3.03 2.51 11.17 12.57 3.71 9.78 9.69	A 220.19 21.83 -0.02 0.00									
10288-6642	1	F CA	A 51311 B 51311	9.255 0.009 10.239 0.021	9.215 0.016 10.404 0.053	9.108 0.019 10.063 0.058					157.208 104 09 157.209 840 74	-66.696 593 98 -66.697 368 41	1.31 1.31	-8.02 -8.02	4.06 4.06	1.41 1.35 1.40 1.54 1.41 4.86 5.05 1.40 1.54 1.41	A 138.4 3.73									
10290+3452	1	L CA	A 51320 B 51320	9.258 0.009 9.524 0.012							157.244 006 24 157.244 105 23	+34.863 344 57 +34.863 425 94	9.78 9.78	-20.16 -17.05	-36.33 -42.34	2.99 2.09 2.40 2.19 1.20 4.63 3.54 2.40 2.71 1.70	A 44.9 0.414 +0.9 -0.002									
10290-4859	1	F CA	A 51322 B 51322	7.867 0.004 10.624 0.052	7.802 0.007 10.433 0.048	7.858 0.009 10.120 0.054					157.246 248 16 157.244 844 54	-48.988 671 32 -48.989 755 18	2.12 2.12	-10.30 -10.30	1.14 1.14	0.68 0.70 0.86 0.66 0.66 9.80 9.14 0.86 0.66 0.66	A 220.4 5.12									
10291-0442	1	F CB	A 51329 B 51329	9.063 0.018 11.822 0.233	9.546 0.023	8.941 0.020					157.269 202 90 157.269 140 89	-4.692 411 60 -4.692 118 52	6.78 6.78	-181.07 -181.07	44.08 44.08	3.56 2.96 3.71 3.76 2.56 77.64 60.16 3.71 3.76 2.56	A 348 1.08									
10293+4233	1	F CA	A 51347 B 51347	9.568 0.008 12.142 0.078	10.035 0.025	9.443 0.023					157.328 266 80 157.329 903 83	+42.549 997 61 +42.550 218 52	3.36 3.36	-34.04 -34.04	-19.33 -19.33	1.80 1.25 1.91 1.85 1.35 27.50 18.38 1.91 1.85 1.35	A 79.6 4.41									
10294+1211	1	F CA	A 51360 B 51360	7.688 0.243 8.755 0.651							157.356 928 39 157.356 949 09	+12.187 017 15 +12.187 037 93	13.03 13.03	-68.57 -68.57	-8.71 -8.71	8.12 9.37 1.06 0.93 0.62 26.03 26.82 1.06 0.93 0.62	A 44 0.10									
10294-5034	1	F CA	A 51355 B 51355	9.990 0.010 11.218 0.029	10.218 0.027	9.791 0.028					157.344 568 49 157.344 275 62	-50.570 512 93 -50.570 258 75	3.42 3.42	-10.35 -10.35	5.11 5.11	1.69 1.67 2.04 1.60 1.50 6.70 8.35 2.04 1.60 1.50	A 325.5 1.11									
10296-3036	1	F CB	A 51376 B 51376	5.568 0.003 9.635 0.105	5.518 0.002 10.508 0.084	5.566 0.002 9.839 0.064					157.397 493 25 157.394 967 97	-30.607 071 01 -30.609 200 32	6.78 6.78	-29.27 -29.27	2.44 2.44	0.49 0.55 0.74 0.51 0.70 21.59 23.59 0.74 0.51 0.70	A 225.6 10.95									
10296-4303	1	F CC	A 51379 B 51379	6.985 0.066 9.958 1.023							157.409 462 38 157.409 396 03	-43.050 833 12 -43.050 820 89	3.98 3.98	-16.14 -16.14	8.09 8.09	6.94 2.05 0.76 0.47 0.58 64.93 52.13 0.76 0.47 0.58	A 284 0.18									
10298-0355	1	I CA	A 51394 B 51393	7.813 0.013 9.643 0.053	8.244 0.013 9.801 0.031	7.767 0.012 9.204 0.029					157.455 333 11 157.454 281 07	-3.915 269 30 -3.911 165 93	10.45 3.22	-87.72 -100.36	-32.87 -28.00	2.91 1.79 2.40 3.29 1.90 21.37 14.61 10.01 15.72 11.11	A 345.7 15.25 0.0 +0.01									
10301+2048	1	L CA	A 51419 B 51419	8.393 0.006 8.936 0.010	8.678 0.015	8.004 0.013					157.526 369 80 157.526 787 82	+20.801 345 01 +20.801 396 85	12.53 12.53	103.15 96.60	-64.77 -53.95	1.67 1.24 1.49 1.54 0.98 5.11 2.90 1.49 1.95 1.78	A 82.4 1.419 -0.5 -0.005									
10301+3502	1	F CA	A 51413 B 51413	11.158 0.201 11.471 0.268							157.514 444 33 157.514 385 70	+35.034 713 60 +35.034 701 63	8.30 8.30	-14.38 -14.38	-13.14 -13.14	21.37 15.11 2.20 2.03 1.05 21.27 19.34 2.20 2.03 1.05	A 256 0.18									
10301-4721	1	L NB	B 51416 A 51416	9.087 0.010 9.128 0.010	9.093 0.013 9.166 0.014	9.034 0.016 9.052 0.017					157.521 156 91 157.524 222 69	-47.354 270 50 -47.353 300 66	4.76 4.76	-21.22 -25.67	7.73 5.16	2.83 2.75 1.61 1.76 1.72 1.78 1.68 1.61 1.63 1.58	B 64.97 8.252 0.00 -0.005									

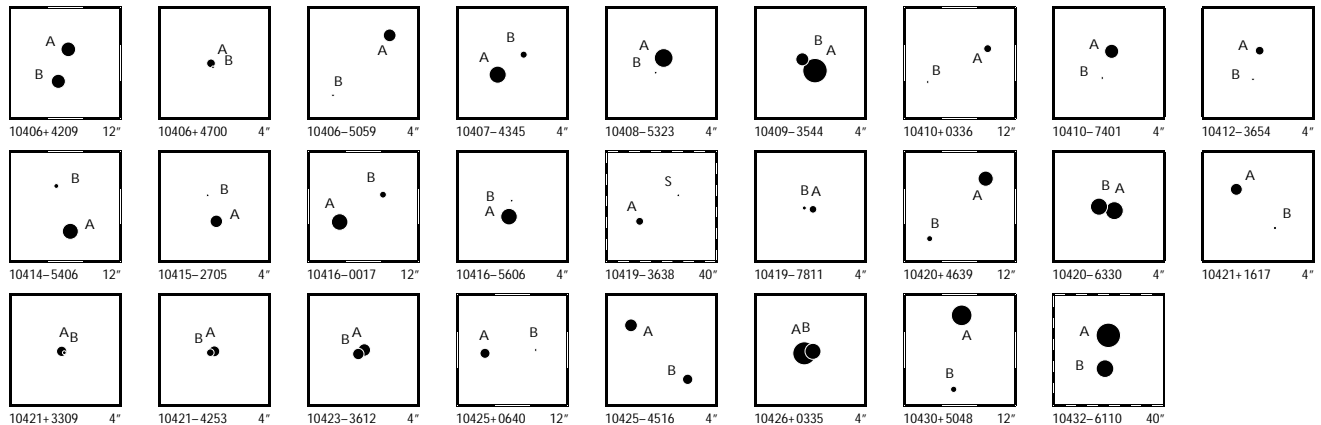


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B_T	σ	V_T	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	$d\theta/dt$	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
10304+5621	1	I CA	A 51445 B 51441	8.825 0.005 10.614 0.022	9.206 0.013 11.112 0.072	8.775 0.014 10.391 0.066		157.595 321 99 157.590 312 61	+56.355 624 40 +56.354 808 57	9.42 10.55	-23.98 -31.78 -26.45 -34.47	1.75 1.39 1.82 1.97 1.30 9.71 7.83 7.77 8.56 6.07	A 253.62	10.41	-0.01	0.00											
10309-3616	1	F CA	A 51474 B 51474	9.646 0.203 9.659 0.205				157.714 283 09 157.714 325 02	-36.261 179 24 -36.261 214 05	1.97 1.97	-20.06 2.29 -20.06 2.29	13.30 12.95 1.22 1.36 1.21 14.13 12.22 1.22 1.36 1.21	A 136	0.17													
10310-0738	1	F CA	A 51490 B 51490	6.460 0.004 8.731 0.028	8.277 0.013	6.466 0.005		157.744 935 77 157.745 113 42	-7.637 544 95 -7.638 293 10	4.25 4.25	-35.14 -2.00 -35.14 -2.00	1.10 0.75 1.11 1.66 0.78 7.83 5.36 1.11 1.66 0.78	A 166.8	2.77													
10311-2411	1	F CA	A 51501 B 51501	7.861 0.005 11.674 0.132	8.248 0.013	7.813 0.010		157.770 699 91 157.771 241 09	-24.179 793 03 -24.179 585 90	6.88 6.88	8.91 -20.86 8.91 -20.86	1.05 0.90 1.20 1.03 1.23 31.10 43.88 1.20 1.03 1.23	A 67	1.93													
10311-6135	1	F CA	A 51506 B 51506	8.422 0.035 10.303 0.026	8.307 0.015	8.330 0.019		157.779 909 01 157.780 447 22	-61.576 341 74 -61.576 089 29	0.94 0.94	-5.33 4.11 -5.33 4.11	1.03 1.01 1.07 1.11 0.97 8.82 7.18 1.07 1.11 0.97	A 45.4	1.29													
10311-6854	1	F CA	A 51508 B 51508	7.579 0.003 9.612 0.017	7.569 0.007 8.857 0.025	7.514 0.009 8.671 0.027		157.780 962 21 157.780 576 57	-68.897 257 37 -68.898 059 91	3.93 3.93	-21.14 1.13 -21.14 1.13	0.70 0.70 0.74 0.74 0.70 5.77 5.57 0.74 0.74 0.70	A 189.8	2.93													
10319-5214	1	F CA	A 51558 B 51558	7.352 0.003 9.348 0.025	7.254 0.006 9.160 0.025	7.354 0.007 9.031 0.022		157.965 859 83 157.965 601 92	-52.231 960 47 -52.231 344 92	3.58 3.58	-19.61 4.11 -19.61 4.11	0.75 0.72 0.88 0.78 0.66 6.27 5.39 0.88 0.78 0.66	A 345.6	2.29													
10320+2202	1	I CA	A 51566 B 51567	8.168 0.021 8.510 0.024	8.409 0.018 8.758 0.017	8.118 0.019 8.437 0.018		157.995 606 63 157.997 206 91	+22.039 439 63 +22.036 074 50	0.41 2.32	16.14 1.53 7.08 -1.71	3.79 3.03 3.59 4.02 2.59 8.76 7.93 4.95 7.22 5.82	A 156.21	13.24	+0.04	0.00											
10320-4504	1	I NB	A 51561 B 51560	5.646 0.018 6.050 0.023	5.487 0.002 5.933 0.003	5.677 0.003 6.050 0.003		157.989 370 04 157.986 058 73	-45.066 713 73 -45.069 655 70	7.04 6.83	-15.40 1.41 -19.96 -1.70	1.73 1.96 2.27 1.71 1.89 7.86 8.40 6.23 4.64 5.00	A 218.48	13.53	+0.01	+0.01											
10320-5446	1	F CC	A 51563 B 51563	10.128 0.021 12.774 0.239				157.992 101 58 157.991 934 38	-54.761 454 19 -54.761 496 97	3.57 3.57	-35.20 12.98 -35.20 12.98	4.44 3.37 2.21 1.99 1.61 47.73 49.17 2.21 1.99 1.61	A 246	0.38													
10321-7005	1	F CA	A 51578 B 51578	9.174 0.006 9.488 0.008	9.542 0.019 9.887 0.024	9.091 0.019 9.377 0.023		158.018 537 98 158.014 473 76	-70.084 254 31 -70.085 940 02	11.39 11.39	-12.02 7.94 -12.02 7.94	2.04 1.96 2.04 2.31 2.19 3.84 3.55 2.04 2.31 2.19	A 219.39	7.853													
10322-0812	1	F CA	A 51587 B 51587	8.478 0.003 10.547 0.020				158.058 182 95 158.058 113 27	-8.194 701 30 -8.194 895 12	8.92 8.92	-73.06 10.01 -73.06 10.01	1.29 1.02 1.45 1.75 1.05 7.74 6.08 1.45 1.75 1.05	A 200	0.741													
10322-5951	1	F CA	A 51586 B 51586	9.035 0.007 10.277 0.022	10.306 0.037 10.375 0.049	8.964 0.019 10.101 0.059		158.055 985 04 158.058 284 22	-59.848 764 98 -59.850 848 43	-0.13 -0.13	-5.87 4.23 -5.87 4.23	1.43 1.36 1.50 1.48 1.38 5.51 5.68 1.50 1.48 1.38	A 151.00	8.58													
10323+2427	1	F CA	A 51591 B 51591	7.476 0.090 9.077 0.395				158.072 328 36 158.072 286 32	+24.442 266 79 +24.442 247 43	7.94 7.94	-53.26 3.75 -53.26 3.75	6.14 4.13 0.99 1.01 0.69 28.42 31.21 0.99 1.01 0.69	A 243	0.15													
10324+4632	1	F CA	A 51599 B 51599	9.157 0.007 11.690 0.066	9.464 0.014	9.047 0.014		158.103 537 33 158.104 184 54	+46.526 207 48 +46.526 266 60	6.14 6.14	13.75 17.81 13.75 17.81	1.54 1.04 1.68 1.56 0.99 20.62 11.62 1.68 1.56 0.99	A 82.4	1.62													
10324-4111	1	F FC	A 51595 B 51595	12.914 0.036 13.641 0.065				158.090 986 86 158.090 865 03	-41.176 452 34 -41.176 498 02	-2.99 -2.99	0.15 24.59 0.15 24.59	9.22 10.08 12.61 7.25 12.37 12.93 13.79 12.61 7.25 12.37	A 244	0.37													
10327-0052	1	F CA	A 51619 B 51619	9.197 0.008 10.941 0.038	9.611 0.026	9.119 0.026		158.182 312 53 158.182 638 39	-0.866 511 70 -0.867 267 35	5.05 5.05	39.93 -32.40 39.93 -32.40	2.26 2.39 2.45 2.57 3.05 13.58 12.91 2.45 2.57 3.05	A 156.7	2.96													
10329-2637	1	F CC	A 51631 B 51631	7.620 0.009 11.521 0.326				158.213 612 42 158.213 536 01	-26.609 453 73 -26.609 570 28	0.70 0.70	-7.68 2.75 -7.68 2.75	1.68 2.12 1.44 1.20 1.57 45.55 46.66 1.44 1.20 1.57	A 210	0.49													
10329-3956	1	F CA	A 51636 B 51636	8.277 0.017 9.209 0.040				158.237 806 70 158.237 790 68	-39.930 762 80 -39.930 687 07	2.83 2.83	-15.69 1.80 -15.69 1.80	1.67 2.82 1.01 1.01 1.15 4.58 4.96 1.01 1.01 1.15	B 351	0.276													
10329-4700	1	F CA	A 51635 B 51635	5.297 0.003 7.663 0.029				158.237 003 05 158.237 154 92	-47.003 369 23 -47.003 385 82	3.38 3.38	-24.04 6.83 -24.04 6.83	0.73 0.70 0.71 0.44 0.51 6.32 6.57 0.71 0.44 0.51	A 99	0.38													
10330+3523	1	F CA	A 51637 B 51637	9.064 0.007 12.243 0.121	10.273 0.024	9.023 0.015		158.239 099 56 158.240 105 36	+35.382 383 04 +35.381 477 43	2.01 2.01	-13.95 5.74 -13.95 5.74	1.49 0.93 1.66 1.67 0.93 29.32 15.38 1.66 1.67 0.93	A 137.8	4.40													
10331+2052	1	L CA	A 51641 B 51641	11.120 0.015 11.731 0.026				158.269 279 75 158.269 340 30	+20.869 387 55 +20.869 501 09	8.07 8.07	-62.22 -1.40 -65.35 -12.48	5.10 3.36 3.78 4.15 2.12 11.10 7.70 3.78 6.77 3.69	A 26	0.457	0	-0.011											
10331-5734	1	F CA	A 51650 B 51650	9.239 0.026 11.112 0.127	9.737 0.030	9.179 0.027		158.286 707 64 158.291 721 58	-57.565 610 76 -57.570 148 59	4.09 4.09	-31.37 12.24 -31.37 12.24	1.72 1.59 1.94 2.00 1.74 28.40 28.42 1.94 2.00 1.74	A 149.4	18.99													
10333+3740	1	F CA	A 51665 B 51665	10.033 0.009 10.198 0.010	10.321 0.028 10.619 0.033	9.783 0.028 10.149 0.037		158.321 116 86 158.321 743 68	+37.673 777 30 +37.672 430 04	10.06 10.06	11.38 -77.67 11.38 -77.67	2.52 2.02 2.89 2.53 1.88 4.30 3.26 2.89 2.53 1.88	A 159.78	5.169													
10334+0705	1	F CB	A 51671 B 51671	8.683 0.007 12.283 0.192	9.102 0.017	8.614 0.017		158.346 036 10 158.347 043 36	+7.083 769 17 +7.084 688 83	10.23 10.23	-38.03 -20.43 -38.03 -20.43	2.17 1.03 1.77 1.99 1.09 73.55 25.24 1.77 1.99 1.09	A 47	4.89													
10335-4659	1	I CA	A 51688 B 51691	7.071 0.005 9.916 0.048	6.968 0.004 10.032 0.034	7.074 0.006 9.812 0.044		158.385 114 73 158.388 614 77	-46.975 920 47 -46.983 443 24	2.87 10.06	-23.28 7.37 -12.01 16.44	1.03 1.08 1.18 0.88 0.99 11.20 10.77 8.48 6.75 6.98	A 162.39	28.41	-0.03	-0.01											
10336+1513	1	F CA	A 51690 B 51690	9.343 0.008 10.402 0.021	9.912 0.029 10.710 0.067	9.134 0.024 10.110 0.064		158.388 804 13 158.387 296 29	+15.213 814 05 +15.213 307 28	5.46 5.46	12.51 -11.79 12.51 -11.79	2.25 1.73 2.43 2.50 1.70 6.57 5.84 2.43 2.50 1.70	A 250.8	5.55													

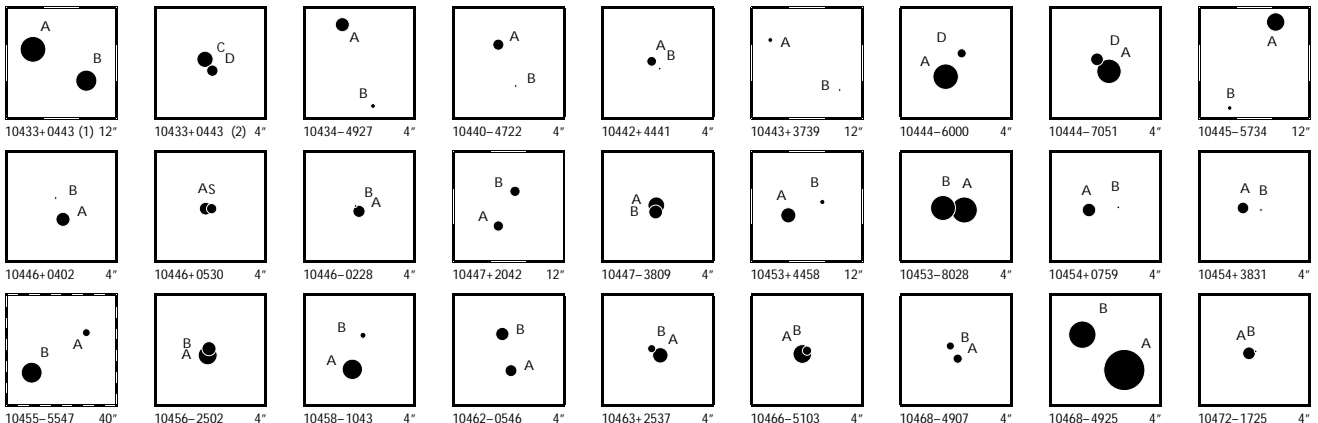


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H_p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	$d\theta/dt$	dp/dt			
	1	2-3-5-6		7-8	mag	mag	mag	mag	mag	deg	deg		mas/yr	mas/yr	mas	mas	mas	mas/yr	mas/yr	"	"	" / yr	" / yr			
10338+2321	1	F CA	A 51699	7.558	0.005	7.685	0.011	7.485	0.009	158.447	129 41	+23.350	666 83	8.12	-46.77	-3.61	1.34	0.87	1.29	1.44	0.84					
			B 51699	9.203	0.021	9.351	0.043	8.884	0.042	158.448	237 09	+23.349	983 44	8.12	-46.77	-3.61	5.45	3.70	1.29	1.44	0.84	A	123.90	4.41		
10338-5106	1	L CA	A 51702	9.763	0.008	10.198	0.026	9.608	0.024	158.461	367 01	-51.096	992 85	5.09	-29.72	-7.24	1.65	1.64	1.86	1.26	1.23					
			B 51702	11.234	0.029	158.466	141 85	-51.095	832 13	5.09	-3.44	-2.36	8.02	11.11	1.86	4.16	4.42	A	68.84	11.576	+0.02	+0.026				
10342+7350	1	FND D	A 51734	7.633	0.027	7.792	0.007	7.595	0.007	158.556	184 44	+73.834	531 99	3.30	-20.34	-19.81	1.44	1.46	1.45	1.68	1.36					
			B 51727	10.505	0.286	11.017	0.056	10.415	0.051	158.534	361 12	+73.836	820 61	3.30	-20.34	-19.81	59.55	59.25	1.45	1.68	1.36	A	290.7	23.37		
10343-3723	1	F CC	A 51739	6.944	0.005	6.929	0.006	6.918	0.005	158.570	800 80	-37.386	802 47	3.61	-17.90	4.32	0.83	0.72	1.01	0.94	0.79					
			B 51739	10.819	0.159	158.571	864 55	-37.387	476 40	3.61	-17.90	4.32	29.69	35.51	1.01	0.94	0.79	A	128.6	3.89						
10343-4629	1	F CA	A 51747	8.689	0.005	8.036	0.011	7.001	0.007	158.582	183 84	-46.484	990 36	2.41	-6.81	1.74	1.27	1.27	1.60	1.18	1.20					
			B 51747	9.907	0.014	158.582	454 26	-46.484	963 17	2.41	-6.81	1.74	3.95	4.59	1.60	1.18	1.20	A	81.7	0.677						
10343-7110	1	F CC D	A 51740	9.468	0.046	8.036	0.011	7.001	0.007	158.573	587 97	-71.164	912 24	3.22	-70.81	27.31	6.41	7.82	1.41	1.58	1.46					
			B 51740	12.474	0.727	158.573	493 93	-71.164	984 42	3.22	-70.81	27.31	74.53	100.96	1.41	1.58	1.46	A	203	0.28						
10344+2136	1	I CA	A 51752	7.600	0.005	8.815	0.016	7.525	0.010	158.600	042 58	+21.594	010 51	4.50	-6.91	6.90	1.96	1.35	1.70	2.10	1.21					
			B 51751	9.568	0.028	9.972	0.035	9.548	0.036	158.596	823 42	+21.593	453 61	14.01	-5.07	11.36	12.02	7.72	8.20	9.89	5.52	A	259.46	10.96	+0.02	0.00
10345-3721	1	L CA	A 51760	8.863	0.137	8.630	0.036	8.036	0.011	158.630	036 28	-37.354	173 87	3.91	-42.21	37.85	7.98	7.10	0.97	2.32	3.31					
			B 51760	9.387	0.222	158.629	997 46	-37.354	198 70	3.91	-55.44	25.51	10.99	10.14	0.97	3.39	5.19	A	231	0.143	-1	+0.018				
10347-2212	1	F CA	A 51768	7.744	0.005	8.878	0.013	7.677	0.009	158.675	064 25	-22.203	287 55	4.44	-23.79	-6.06	1.07	0.94	1.23	1.06	1.07					
			B 51768	10.886	0.079	158.675	321 48	-22.202	776 25	4.44	-23.79	-6.06	23.46	16.96	1.23	1.06	1.07	A	25	2.03						
10350+0839	1	F CA	A 51802	5.814	0.003	5.876	0.004	5.814	0.005	158.759	125 32	+8.650	439 04	7.05	-52.74	-5.56	1.00	0.66	0.99	1.19	0.62					
			B 51802	8.096	0.021	7.977	0.018	7.727	0.017	158.759	366 99	+8.649	881 52	7.05	-52.74	-5.56	8.08	3.71	0.99	1.19	0.62	A	156.8	2.18		
10350-6408	1	F FC	A 51797	8.342	0.022	8.560	0.012	8.367	0.012	158.745	263 85	-64.128	761 48	8.63	-0.21	14.51	3.01	2.84	3.09	4.48	3.37					
			B 51797	10.350	0.090	10.139	0.083	9.653	0.057	158.743	817 49	-64.129	284 94	8.63	-0.21	14.51	23.65	19.06	3.09	4.48	3.37	B	230.3	2.95		
10351-5741	1	F CA	A 51806	7.069	0.003	8.036	0.011	7.001	0.007	158.769	354 57	-57.677	126 11	1.90	-20.79	-2.64	0.73	0.67	0.79	0.87	0.68					
			B 51806	9.953	0.048	10.317	0.116	9.908	0.124	158.767	107 25	-57.677	869 71	1.90	-20.79	-2.64	12.29	9.93	0.79	0.87	0.68	A	238.2	5.09		
10352+4624	1	F FD D	A 51824	9.842	0.029	11.266	0.061	9.627	0.025	158.811	771 08	+46.405	155 27	2.88	-13.51	-0.36	2.27	1.58	2.35	2.36	1.49					
			B 51824	12.282	0.274	158.811	767 44	+46.405	564 03	2.88	-13.51	-0.36	10.14	16.12	2.35	2.36	1.49	A	359.6	1.47						
10353-7504	1	F CA	A 51828	9.049	0.009	8.827	0.013	7.677	0.009	158.827	628 85	-75.070	087 28	3.21	-9.11	11.20	1.47	1.66	1.17	1.30	1.27					
			B 51828	10.312	0.028	158.827	705 70	-75.069	983 23	3.21	-9.11	11.20	5.84	5.39	1.17	1.30	1.27	A	11	0.381						
10355-3623	1	F FD W	A 51847	9.415	0.141	8.827	0.013	7.677	0.009	158.884	846 29	-36.386	727 14	1.30	-9.54	1.54	14.55	13.57	1.16	1.16	1.00					
			B 51847	9.937	0.226	158.884	796 70	-36.386	695 00	1.30	-9.54	1.54	18.50	18.57	1.16	1.16	1.00	A	309	0.18						
10358-0437	1	F CB	A 51864	9.905	0.012	10.825	0.067	9.770	0.041	158.945	029 29	-4.610	874 15	13.16	146.49	-146.39	2.36	1.86	2.41	2.27	1.84					
			B 51864	12.621	0.140	158.945	423 18	-4.611	064 88	13.16	146.49	-146.39	45.16	31.36	2.41	2.27	1.84	A	116	1.57						
10359+6336	1	LND D	A 51876	8.176	0.031	8.627	0.008	8.158	0.008	158.981	842 79	+63.592	359 78	8.18	14.30	-9.43	1.40	1.38	1.69	1.41	1.21					
			B 51876	11.303	0.486	11.360	0.066	10.717	0.058	158.970	894 27	+63.592	049 62	8.18	322.38	59.64	72.11	75.37	1.69	45.21	38.58	A	266.4	17.57	+0.2	-0.31
10361-2641	1	L CA	A 51885	6.733	0.003	6.869	0.007	6.381	0.006	159.018	776 64	-26.675	285 64	22.72	2.12	-79.49	1.02	0.91	1.11	0.97	0.89					
			B 51885	7.845	0.008	159.018	503 31	-26.675	044 40	22.72	-11.06	-82.40	3.43	4.25	1.11	2.15	2.85	A	314.6	1.236	-0.5	+0.007				
10362+0041	1	F CA	A 51895	9.261	0.006	8.036	0.011	7.001	0.007	159.038	295 02	+0.685	977 17	5.98	-39.14	35.99	3.40	2.02	2.99	3.16	1.97					
			S 51895	9.698	0.009	159.038	199 99	+0.685	851 65	5.98	-39.14	35.99	4.81	2.80	2.99	3.16	1.97	A	217.1	0.567						
10363-4751	1	F CA	A 51908	7.469	0.003	8.019	0.008	7.400	0.006	159.073	782 09	-47.849	939 72	10.94	-114.13	23.18	0.62	0.67	0.84	0.60	0.64					
			B 51908	11.167	0.096	159.074	006 91	-47.850	425 64	10.94	-114.13	23.18	23.87	19.88	0.84	0.60	0.64	A	163	1.83						
10365+4430	1	F CA	A 51929	9.338	0.018	159.123	075 03	+44.506	524 70	2.68	-40.87	-14.82	2.98	2.45	1.74	1.45	1.09									
			B 51929	9.496	0.021	159.123	109 28	+44.506	434 27	2.68	-40.87	-14.82	5.59	3.20	1.74	1.45	1.09	A	165	0.337						
10366-2846	1	F CA	A 51936	7.419	0.023	159.147	541 16	-28.771	833 29	7.94	-35.76	8.24	3.69	2.24	1.00	0.70	0.81									
			B 51936	7.864	0.035	159.147	458 73	-28.771	842 01	7.94	-35.76	8.24	4.68	3.73	1.00	0.70	0.81	A	263	0.262						
10369+5042	1	F CA	A 51962	10.517	0.013	159.228	151 09	+50.697	982 87	7.99	-81.19	-40.84	3.68	3.10	4.56	3.85	3.06									
			B 51962	10.807	0.016	159.227	863 38	+50.698	160 75	7.99	-81.19	-40.84	5.97	4.80	4.56	3.85	3.06	B								

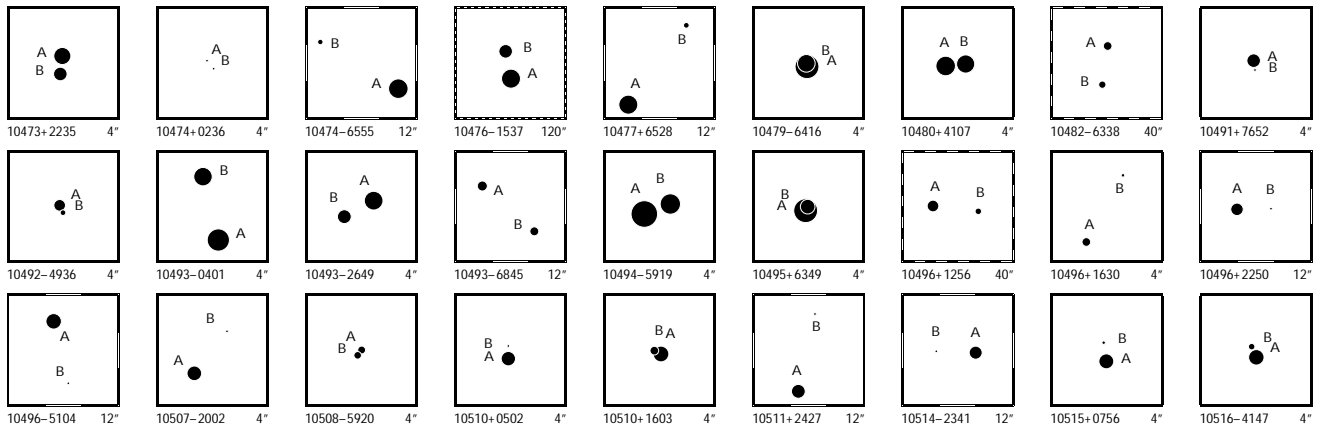
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10406+4209	1	F CA	A 52253 B 52253	8.771 0.007 8.880 0.008	9.127 0.018 9.202 0.022	8.666 0.018 8.789 0.023			160.145 993 94 +42.153 201 90 160.146 413 21 +42.152 219 18	6.26 6.26	-5.84 19.05 -5.84 19.05	2.06 1.40 2.01 1.79 1.29 3.82 3.55 2.01 1.79 1.29	A 162.4 3.71												
10406+4700	1	F CC	A 52250 B 52250	10.064 0.125 11.877 0.663				160.138 571 07 +47.002 559 82 160.138 533 87 +47.002 518 91	9.34 9.34	-34.87 -18.65 -34.87 -18.65	6.39 7.77 1.44 1.07 0.96 37.59 53.36 1.44 1.07 0.96	A 212 0.17													
10406-5059	1	L CA	A 52255 B 52255	9.165 0.006 11.947 0.069	10.512 0.030	9.151 0.016		160.152 031 11 -50.990 518 97 160.152 958 63 -50.991 127 20	3.96 3.96	-55.98 20.06 -15.26 -2.52	1.23 1.39 1.45 0.96 1.12 20.50 20.70 1.45 11.10 13.27	A 136.2 3.04 -0.3 +0.04													
10407-4345	1	F CA	A 52260 B 52260	8.205 0.005 10.469 0.037	8.261 0.005	8.105 0.006		160.169 081 94 -43.757 390 38 160.168 703 12 -43.757 184 98	6.61 6.61	-15.19 -9.46 -15.19 -9.46	0.81 1.00 1.34 0.82 0.88 9.81 8.83 1.34 0.82 0.88	A 306.9 1.23													
10408-5323	1	F CC	A 52269 B 52269	7.882 0.004 11.983 0.168				160.207 982 70 -53.375 691 85 160.208 117 82 -53.375 845 91	2.26 2.26	-20.82 4.91 -20.82 4.91	1.03 1.11 1.28 1.04 1.01 45.69 75.24 1.28 1.04 1.01	A 152 0.63													
10409-3544	1	F CA	A 52273 B 52273	6.625 0.002 9.139 0.020				160.214 826 10 -35.741 731 39 160.214 982 71 -35.741 615 22	4.69 4.69	-26.60 5.53 -26.60 5.53	0.67 0.67 0.85 0.73 0.70 6.43 7.01 0.85 0.73 0.70	A 48 0.62													
10410+0336	1	F CA	A 52285 B 52285	10.264 0.011 11.732 0.041	11.030 0.060	10.129 0.041		160.258 109 27 +3.596 604 22 160.259 926 46 +3.595 573 36	18.68 18.68	132.23 -133.44 132.23 -133.44	2.32 1.84 2.42 2.44 1.80 14.54 10.70 2.42 2.44 1.80	A 119.6 7.51													
10410-7401	1	F CA	A 52281 B 52281	8.882 0.007 12.065 0.136	8.894 0.011	8.832 0.014		160.243 994 40 -74.020 384 79 160.244 367 63 -74.020 660 28	1.66 1.66	-9.55 2.76 -9.55 2.76	1.16 1.12 1.17 1.37 1.22 32.09 29.53 1.17 1.37 1.22	A 160 1.06													
10412-3654	1	F CB	A 52296 B 52296	10.108 0.013 12.753 0.151				160.288 351 64 -36.894 967 69 160.288 445 06 -36.895 258 63	61.30 61.30	167.03 -193.60 167.03 -193.60	2.00 1.96 2.42 2.31 2.34 32.07 31.62 2.42 2.31 2.34	A 166 1.08													
10414-5406	1	F CA	A 52319 B 52319	8.457 0.004 10.949 0.037	8.445 0.008 11.422 0.126	8.437 0.011 10.708 0.102		160.358 596 82 -54.106 767 35 160.359 322 71 -54.105 348 38	3.65 3.65	-16.92 6.71 -16.92 6.71	0.77 0.84 0.97 0.85 0.95 9.07 9.61 0.97 0.85 0.95	A 16.7 5.33													
10415-2705	1	F CA	A 52325 B 52325	9.223 0.005 11.817 0.053				160.377 287 57 -27.077 832 00 160.377 388 89 -27.077 569 34	15.71 15.71	-227.88 66.36 -227.88 66.36	1.29 1.17 1.62 1.41 1.28 12.56 15.08 1.62 1.41 1.28	A 19 1.00													
10416-0017	1	F CA	A 52327 B 52327	8.331 0.005 10.529 0.035	8.727 0.014 10.972 0.126	8.246 0.014 10.264 0.114		160.397 631 29 -0.272 453 20 160.396 320 18 -0.271 612 67	5.86 5.86	-17.39 -11.37 -17.39 -11.37	1.46 0.98 1.42 1.62 1.06 10.68 7.55 1.42 1.62 1.06	A 302.7 5.61													
10416-5606	1	F CC	A 52326 B 52326	8.341 0.006 12.181 0.198				160.388 603 72 -56.096 003 30 160.388 560 63 -56.095 845 03	2.46 2.46	-14.05 -0.28 -14.05 -0.28	1.71 1.80 1.81 1.69 1.46 96.66 69.97 1.81 1.69 1.46	A 351 0.58													
10419-3638	1	F CA	A 52341 S 52341	10.256 0.029 11.432 0.075	11.822 0.109	10.315 0.044		160.466 259 43 -36.633 537 26 160.461 309 58 -36.630 925 89	61.18 61.18	-90.04 68.08 -90.04 68.08	2.95 2.91 3.85 3.48 3.10 30.22 22.16 3.85 3.48 3.10	A 303.3 17.11													
10419-7811	1	L CA	A 52351 B 52351	10.314 0.024 11.081 0.049				160.476 890 44 -78.184 252 14 160.477 364 83 -78.184 241 70	21.63 21.63	-140.35 101.74 -126.53 78.76	3.68 2.54 1.88 2.34 1.97 9.06 7.59 1.88 4.32 4.31	A 84 0.352 +4 +0.011													
10420+4639	1	F CA	A 52355 B 52355	8.646 0.006 10.659 0.037	8.724 0.011 10.802 0.052	8.587 0.013 10.527 0.067		160.497 174 85 +46.649 930 48 160.499 690 80 +46.648 081 02	5.87 5.87	-16.78 -1.51 -16.78 -1.51	1.25 1.02 1.40 1.29 0.96 9.32 7.95 1.40 1.29 0.96	A 137.0 9.11													
10420-6330	1	F CA	A 52357 B 52357	8.022 0.005 8.222 0.006				160.498 702 54 -63.507 312 18 160.499 037 15 -63.507 267 56	7.21 7.21	-26.45 7.19 -26.45 7.19	1.71 1.17 1.22 1.81 1.14 2.30 2.38 1.22 1.81 1.14	A 73.4 0.561													
10421+1617	1	F CA	A 52363 B 52363	9.369 0.006 11.279 0.031	9.879 0.024	9.296 0.022		160.533 858 72 +16.284 298 14 160.533 447 93 +16.283 898 04	6.64 6.64	-58.19 15.73 -58.19 15.73	1.85 1.19 1.93 2.05 1.30 13.32 10.26 1.93 2.05 1.30	A 224.6 2.02													
10421+3309	1	F CC	A 52359 B 52359	9.748 0.254 11.140 0.915				160.518 577 64 +33.149 940 93 160.518 539 11 +33.149 927 64	3.07 3.07	-0.03 -7.72 -0.03 -7.72	14.21 11.69 1.22 0.88 0.73 52.02 38.93 1.22 0.88 0.73	A 248 0.13													
10421-4253	1	F CC	A 52362 B 52362	9.574 0.349 10.335 0.703				160.527 064 17 -42.877 991 22 160.527 123 94 -42.878 011 39	3.95 3.95	-21.07 12.21 -21.07 12.21	19.75 9.76 1.24 0.84 0.85 65.81 39.12 1.24 0.84 0.85	A 115 0.17													
10423-3612	1	L CA	A 52376 B 52376	9.267 0.043 9.468 0.052				160.582 416 78 -36.202 385 05 160.582 489 56 -36.202 424 60	10.18 10.18	-59.64 18.53 -44.42 7.42	5.64 4.77 1.36 3.05 3.06 5.83 4.73 1.36 3.35 3.44	A 124 0.25 0 +0.02													
10425+0640	1	F CA	A 52389 B 52389	9.802 0.011 11.547 0.052	10.422 0.041	9.730 0.037		160.625 966 15 +6.669 921 74 160.624 396 14 +6.670 010 38	6.35 6.35	-97.60 -2.75 -97.60 -2.74	2.85 2.53 2.54 3.35 3.23 22.26 11.68 2.54 3.35 3.23	A 273.3 5.62													
10425-4516	1	F CA	A 52393 B 52393	9.207 0.007 9.731 0.010	9.430 0.017 9.805 0.017	8.991 0.015 9.413 0.021		160.634 649 76 -45.260 391 53 160.633 819 45 -45.260 943 26	4.84 4.84	2.85 -5.21 2.85 -5.21	1.38 1.51 2.06 1.47 1.57 2.98 3.44 2.06 1.47 1.57	A 226.6 2.893													
10426+0335	1	L CA	A 52401 B 52401	6.923 0.013 8.446 0.053				160.656 362 23 +3.583 024 40 160.656 268 17 +3.583 052 74	13.95 13.95	-75.37 35.13 -96.24 13.71	2.38 1.43 1.29 1.30 1.07 9.56 5.88 1.29 3.37 3.01	A 286.8 0.353 -4.3 +0.014													
10430+5048	1	F CA	A 52413 B 52413	7.436 0.005 10.603 0.078	7.657 0.006 10.906 0.059	7.405 0.008 10.099 0.042		160.717 629 54 +50.799 246 32 160.717 982 08 +50.796 981 90	9.47 9.47	-7.01 2.00 -7.01 2.00	1.03 0.85 1.22 1.28 0.78 16.50 13.89 1.22 1.28 0.78	A 174.4 8.19													
10432-6110	1	L CA	A 52436 B 52437	6.621 0.007 8.127 0.026	6.574 0.005 8.230 0.029	6.591 0.006 8.219 0.038		160.789 348 54 -61.168 540 85 160.790 054 32 -61.171 964 35	3.86 5.89	-14.85 3.49 -16.44 2.68	1.22 1.25 1.08 1.26 1.20 8.55 8.09 3.59 4.26 3.97	A 174.32 12.385 +0.01 +0.001													



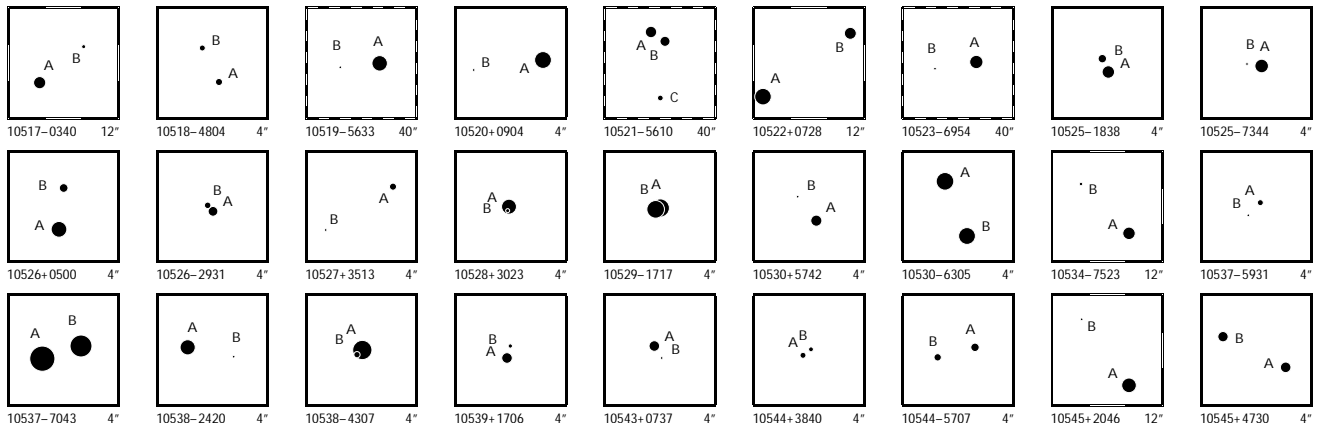
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10433+0443	1	F CA	A 52452 B 52452	6.289 0.004 7.343 0.010	7.713 0.009 8.369 0.014	6.241 0.006 7.247 0.012		160.837 117 87 160.835 484 19	+4.747 749 61 +4.746 794 21	4.68 4.68	19.69 19.69	-32.96 -32.96	1.17 3.62	1.01 2.78	1.13 1.13	1.26 1.13	1.13 1.26	1.13 1.13	1.26 1.13	1.13 1.26	1.13 1.13	A 239.59	6.796			
	2	F CA	C 52438 D 52438	8.426 0.007 9.488 0.014				160.790 076 99 160.789 995 30	+4.667 673 15 +4.667 553 45	7.01 7.01	2.32 2.32	2.05 2.05	1.75 5.27	1.53 3.96	1.76 1.76	2.01 2.01	1.68 1.68					C 214	0.521			
10434-4927	1	F CA	A 52459 B 52459	8.873 0.005 10.940 0.031	9.861 0.021	8.787 0.014		160.859 151 41 160.858 665 24	-49.453 764 68 -49.454 594 58	1.47 1.47	-21.00 -21.00	6.02 6.02	1.00 7.67	1.08 6.97	1.29 1.29	0.95 0.95	1.04 1.04					A 200.8	3.20			
10440-4722	1	F ND	D	A 52499 B 52499	9.566 0.009 13.547 0.339	9.685 0.015	9.505 0.018		161.006 478 19 161.006 207 05	-47.358 461 37 -47.358 887 91	3.90 3.90	-26.00 -26.00	7.30 7.30	1.25 91.10	1.27 87.32	1.64 1.64	1.15 1.15	1.11 1.11				A 203	1.67			
10442+4441	1	F CC	P	A 52508 B 52508	9.868 0.035 12.952 0.403				161.046 998 85 161.046 875 00	+44.678 934 89 +44.678 866 82	0.58 0.58	1.70 1.70	-3.10 -3.10	3.59 81.98	3.20 77.83	2.88 2.88	2.72 2.72	1.84 1.84				A 232	0.40			
10443+3739	1	F CA	A 52517 B 52517	10.941 0.012 11.384 0.018	11.292 0.062 11.732 0.102	10.800 0.068 11.020 0.086		161.070 720 68 161.068 055 97	+37.642 504 20 +37.640 959 74	7.96 7.96	-2.84 -2.84	4.32 4.32	4.01 8.50	2.86 7.79	4.88 4.88	4.11 4.11	2.98 2.98				A 233.8	9.41				
10444-6000	1	F CB	D	A 52526 B 52526	6.355 0.012 9.947 0.148	6.395 0.009	6.299 0.010		161.095 495 53 161.095 157 49	-59.993 326 51 -59.993 089 14	1.23 1.23	-7.10 -7.10	2.48 2.48	0.85 21.75	0.79 25.41	0.86 0.86	0.99 0.99	0.74 0.74				A 325	1.05			
10444-7051	1	F CA	A 52537 D 52537	6.618 0.002 9.194 0.021				161.135 085 99 161.135 465 16	-70.855 255 41 -70.855 135 76	9.20 9.20	-47.91 -47.91	0.18 0.18	0.59 6.62	0.57 6.50	0.60 0.60	0.69 0.69	0.59 0.59				A 46	0.62				
10445-5734	1	L FC	P	A 52538 B 52541	7.894 0.046 10.964 0.147	9.247 0.016 11.074 0.092	7.754 0.009 10.601 0.096		161.136 240 77 161.138 870 07	-57.565 375 04 -57.568 017 46	1.28 1.28	-4.37 -19.67	3.45 -26.35	1.90 39.77	1.89 34.50	1.76 1.76	1.88 33.98	1.78 28.92				A 151.9	10.78	+0.1	+0.02	
10446+0402	1	F CA	A 52542 B 52542	8.853 0.005 11.820 0.065				161.139 203 60 161.139 282 26	+4.033 849 02 +4.034 070 36	6.78 6.78	-43.50 -43.50	-14.90 -14.90	1.59 23.34	1.41 19.37	1.55 1.55	1.77 1.77	1.76 1.76				A 20	0.85				
10446+0530	1	F CB	A 52547 S 52547	9.183 0.104 9.704 0.169				161.161 311 18 161.161 247 73	+5.498 596 82 +5.498 600 17	14.77 14.77	2.10 2.10	4.65 4.65	21.88 36.09	35.50 56.24	2.18 2.18	2.67 2.67	2.18 2.18				A 273	0.23				
10446-0228	1	F CA	A 52543 B 52543	9.287 0.038 11.398 0.267				161.142 929 45 161.142 967 40	-2.474 310 50 -2.474 254 28	9.52 9.52	-29.00 -29.00	-53.29 -53.29	4.11 18.84	4.84 21.21	1.63 1.63	1.61 1.61	1.17 1.17				A 34	0.24				
10447+2042	1	F CA	A 52551 B 52551	9.699 0.008 9.731 0.008	10.195 0.033 10.198 0.034	9.610 0.031 9.605 0.031		161.166 370 67 161.165 820 46	+20.705 168 89 +20.706 212 32	7.61 7.61	39.19 39.19	-10.86 -10.86	3.33 5.97	2.57 3.60	3.35 3.35	3.77 3.77	2.86 2.86				A 333.7	4.19				
10447-3809	1	F CA	A 52548 B 52548	8.270 0.031 8.917 0.057				161.162 898 42 161.162 904 25	-38.142 040 52 -38.142 110 28	3.57 3.57	-32.06 -32.06	11.44 11.44	3.02 6.56	4.43 6.31	1.18 1.18	1.02 1.02	1.05 1.05				A 176	0.252				
10453+4458	1	F CA	A 52594 B 52594	8.638 0.005 10.858 0.040	9.721 0.019 10.927 0.088	8.552 0.012 10.762 0.133		161.315 033 90 161.313 562 73	+44.969 781 10 +44.970 194 20	4.14 4.14	-5.31 -5.31	1.90 1.90	1.35 10.52	0.98 8.33	1.45 1.45	1.50 1.50	0.98 0.98				A 291.6	4.03				
10453-8028	1	L CA	A 52595 B 52595	6.266 0.003 6.503 0.004				161.318 229 60 161.319 535 83	-80.460 523 30 -80.469 499 82	9.21 9.21	-17.40 -13.12	-30.30 -32.31	1.13 1.94	0.87 1.84	0.90 0.90	1.21 1.41	0.85 1.13				A 83.8	0.783	+0.2	+0.004		
10454+0759	1	F CA	A 52604 B 52604	9.009 0.005 11.936 0.071	10.004 0.028	8.946 0.019		161.357 500 18 161.357 197 92	+7.991 179 21 +7.991 215 06	0.89 0.89	-21.87 -21.87	-14.20 -14.20	1.51 21.40	0.92 13.34	1.40 1.40	1.46 1.46	0.96 0.96				A 277	1.09				
10454+3831	1	F CB	A 52600 B 52600	9.416 0.010 11.762 0.081				161.339 642 91 161.339 406 63	+38.511 403 25 +38.511 382 31	70.87 70.87	-34.90 -34.90	147.61 147.61	1.97 18.04	1.62 18.28	2.36 2.36	2.02 2.02	1.61 1.61				A 264	0.67				
10455-5547	1	INC	B 52611 A 52607	7.354 0.015 10.280 0.166	9.221 0.015 10.623 0.042	7.378 0.007 10.388 0.053		161.373 307 13 161.363 278 61	-55.791 431 74 -55.787 324 56	0.08 -28.02	-9.34 -9.16	5.65 -15.10	1.37 37.46	1.34 36.02	1.32 22.38	1.51 26.21	1.32 21.78				B 306.1	25.11	0.0	-0.01		
10456-2502	1	F CA	A 52615 B 52615	7.778 0.014 8.857 0.038				161.387 095 39 161.387 085 62	-25.026 136 92 -25.026 067 73	6.79 6.79	-34.95 -34.95	16.44 16.44	3.00 8.53	2.10 4.71	1.08 1.08	0.91 0.91	0.88 0.88				A 353	0.251				
10458-1043	1	F ND	D	A 52634 B 52634	7.490 0.006 10.670 0.115	7.385 0.008	7.447 0.010		161.450 947 62 161.450 836 92	-10.713 557 48 -10.713 205 62	3.19 3.19	-16.72 -16.72	-10.35 -10.35	1.15 24.75	1.07 23.45	1.25 1.25	1.00 1.00	0.98 0.98				A 343	1.33			
10462-0546	1	F CA	B 52671 A 52671	9.033 0.015 9.336 0.019	8.975 0.014	8.809 0.018		161.553 044 67 161.552 967 40	-5.760 237 58 -5.760 618 66	0.33 0.33	-14.13 -14.13	4.59 4.59	3.14 7.08	2.43 7.89	3.05 3.05	3.91 3.91	2.32 2.32				B 191.4	1.40				
10463+2537	1	F CA	A 52681 B 52681	8.562 0.005 10.226 0.024				161.575 228 82 161.575 328 56	+25.612 983 69 +25.613 050 94	4.21 4.21	36.18 36.18	-21.04 -21.04	1.48 6.64	1.16 6.07	1.29 1.29	1.23 1.23	0.82 0.82				A 53	0.40				
10466-5103	1	F CA	A 52711 B 52711	7.850 0.035 9.960 0.245				161.658 022 26 161.657 945 41	-51.051 959 88 -51.051 925 91	5.98 5.98	1.33 1.33	-12.83 -12.83	3.66 20.80	3.80 22.63	0.87 0.87	0.63 0.63	0.68 0.68				A 305	0.21				
10468-4907	1	F CA	A 52734 B 52734	9.969 0.010 10.189 0.012				161.709 900 03 161.710 017 11	-49.119 569 59 -49.119 433 12	0.77 0.77	-11.61 -11.61	-10.53 -10.53	2.47 4.17	3.15 4.71	3.03 3.03	2.31 2.31	2.80 2.80				A 29	0.563				
10468-4925	1	L CA	A 52727 B 52727	2.895 0.002 5.924 0.032	3.893 0.005	2.818 0.003		161.692 175 42 161.692 837 99	-49.420 125 17 -49.419 760 73	28.18 28.18	62.55 83.26	-53.57 -47.81	0.41 7.65	0.44 8.57	0.49 0.49	0.38 4.45	0.39 4.03				A 49.8	2.032	+0.3	+0.020		
10472-1725	1	F CB	A 52752 B 52752	9.155 0.061 11.384 0.473				161.792 057 61 161.791 984 80	-17.423 951 94 -17.423 928 42	4.19 4.19	-25.76 -25.76	4.66 4.66	7.62 55.47	3.60 28.95	1.61 1.61	1.41 1.41	1.35 1.35				A 289	0.26				



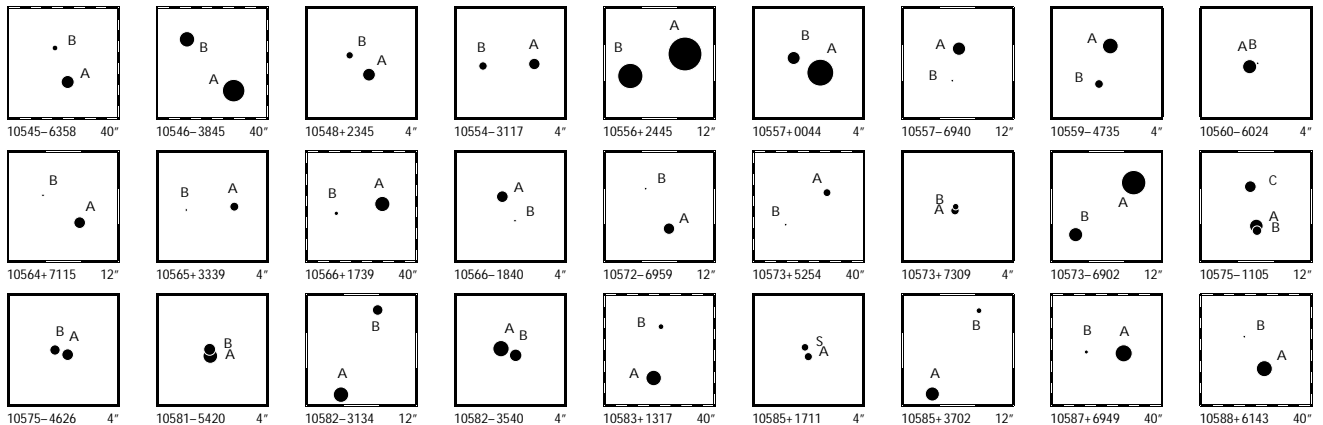
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10473+2235	1	F CA	A 52759 B 52759	8.233 9.026	0.004 0.008						161.820 628 45 161.820 652 66	+22.575 558 90 +22.575 381 63	7.75 7.75	-38.94 -38.94	-2.24 -2.24	1.53 3.15	1.14 2.12	1.64 1.64	1.68 1.68	1.23 1.23	A	172.8	0.643		
10474+0236	1	F CB	A 52774 B 52774	12.911 13.203	0.163 0.213						161.850 816 10 161.850 753 20	+2.592 171 68 +2.592 095 10	13.11 13.11	174.01 174.01	42.97 42.97	16.71 36.93	13.48 27.72	12.16 12.16	15.95 15.95	13.12 13.12	A	219	0.36		
10474-6555	1	F CA	A 52766 B 52766	7.687 10.824	0.005 0.090	7.740 10.816	0.006 0.045	7.652 10.553	0.006 0.060		161.836 108 40 161.841 920 67	-65.917 730 53 -65.916 276 14	2.73 2.73	-16.27 -16.27	0.69 0.69	0.81 17.36	0.69 15.40	0.82 0.82	0.99 0.99	0.69 0.69	A	58.5	10.02		
10476-1537	1	I NC	A 52792 B 52793	7.790 9.027	0.007 0.016	8.244 9.499	0.012 0.026	7.713 8.916	0.012 0.024		161.902 280 87 161.903 802 65	-15.626 683 98 -15.618 339 88	10.22 12.25	-117.97 -120.67	-42.87 -47.24	1.90 6.53	1.59 5.96	1.87 4.44	1.65 4.05	1.85 5.42	A	9.96	30.50	0.00	0.00
10477+6528	1	F CA	A 52805 B 52805	7.800 10.745	0.005 0.066	8.310 11.405	0.009 0.071	7.734 10.417	0.008 0.047		161.932 770 22 161.928 483 35	+65.460 109 24 +65.462 556 67	11.61 11.61	-99.99 -99.99	-6.89 -6.89	0.76 16.52	0.76 15.10	1.01 1.01	0.90 0.90	0.71 0.71	A	324.0	10.90		
10479-6416	1	F CA	A 52815 B 52815	6.739 8.101	0.125 0.436						161.973 119 34 161.973 150 05	-64.262 872 95 -64.262 839 57	6.95 6.95	-15.46 -15.46	9.65 9.65	4.78 16.55	8.31 20.22	0.55 0.55	0.51 0.51	0.48 0.48	A	22	0.13		
10480+4107	1	L CA	A 52823 B 52823	7.679 7.973	0.005 0.006						162.010 705 88 162.010 439 50	+41.109 956 06 +41.109 975 05	6.97 6.97	-25.07 -23.38	-1.17 -9.22	1.63 3.00	1.05 2.17	1.55 1.55	1.37 2.03	0.94 1.74	A	275.2	0.753	-0.6	-0.002
10482-6338	1	I CA	A 52839 B 52840	10.056 10.367	0.015 0.018	10.667 11.002	0.041 0.064	9.927 10.398	0.034 0.058		162.054 444 40 162.055 698 80	-63.623 646 34 -63.627 606 24	6.65 5.38	-59.00 -59.51	17.31 23.27	3.99 7.26	3.61 6.97	3.39 4.76	4.70 6.71	3.56 5.04	A	171.99	14.40	0.00	-0.01
10491+7652	1	F CC	A 52896 B 52896	9.005 12.393	0.017 0.394						162.281 556 62 162.281 499 15	+76.864 316 25 +76.864 222 76	6.85 6.85	-23.71 -23.71	-20.20 -20.20	3.43 75.72	4.04 66.67	2.02 2.02	2.12 2.12	1.69 1.69	A	188	0.34		
10492-4936	1	F CA	A 52904 B 52904	9.414 10.764	0.031 0.109						162.298 327 42 162.298 277 19	-49.598 574 68 -49.598 648 72	1.63 1.63	-11.62 -11.62	0.01 0.01	3.18 11.15	5.07 13.74	1.40 1.40	1.06 1.06	1.12 1.12	A	204	0.29		
10493-0401	1	L CA	A 52913 B 52913	7.091 7.910	0.004 0.008	7.215 8.203	0.007 0.010	7.057 7.801	0.005 0.009		162.322 094 15 162.322 253 01	-4.023 925 67 -4.023 274 96	10.43 10.43	-50.66 -45.24	-1.96 -1.16	1.25 3.15	0.90 2.38	1.17 1.17	1.20 2.03	0.83 1.47	A	13.69	2.411	+0.12	+0.002
10493-2649	1	F CA	A 52910 B 52910	7.849 8.911	0.004 0.009	7.960	0.012	7.553	0.013		162.312 621 04 162.312 959 08	-26.815 164 54 -26.815 332 11	8.45 8.45	-27.94 -27.94	18.51 18.51	0.92 2.90	0.87 2.47	1.22 1.22	0.84 0.84	0.91 0.91	A	119.0	1.242		
10493-6845	1	F CA	A 52914 B 52914	9.782 10.006	0.013 0.015	10.087 11.770	0.025 0.150	9.746 10.155	0.029 0.046		162.334 795 95 162.330 335 73	-68.746 616 98 -68.748 000 53	1.79 1.79	-17.07 -17.07	5.75 5.75	2.33 5.58	1.96 4.49	2.04 2.04	2.54 2.54	1.79 1.79	A	229.44	7.66		
10494-5919	1	L CA	A 52922 B 52922	6.143 7.479	0.003 0.009						162.351 901 90 162.351 380 85	-59.323 778 33 -59.323 675 97	3.82 3.82	-16.79 -16.06	-5.94 -0.69	0.69 3.38	0.67 2.91	0.67 0.67	0.73 2.03	0.59 1.64	A	291.1	1.025	+0.3	+0.001
10495+6349	1	F CA	A 52929 B 52929	6.734 8.765	0.041 0.269						162.370 079 99 162.370 049 90	+63.809 994 83 +63.810 037 82	3.78 3.78	-14.40 -14.40	11.58 11.58	1.80 12.88	3.30 17.88	0.64 0.64	0.49 0.49	0.44 0.44	A	343	0.16		
10496+1256	1	L FD D	A 52942 B 52940	9.397 10.574	0.036 0.082	9.912	0.024	9.372	0.024		162.404 867 98 162.400 087 10	+12.929 321 09 +12.928 755 31	8.23 8.23	-54.01 -58.01	-42.79 -68.19	6.77 31.53	5.50 18.98	5.33 5.33	7.18 22.62	5.51 20.64	A	263.1	16.90	-0.1	+0.01
10496+1630	1	F CA	A 52938 B 52938	10.051 11.200	0.013 0.038	11.035	0.060	9.876	0.035		162.392 325 43 162.391 938 34	+16.506 687 79 +16.507 373 54	2.35 2.35	-19.22 -19.22	-8.33 -8.33	2.88 13.31	1.98 7.48	2.89 2.89	2.79 2.79	2.08 2.08	A	331.6	2.81		
10496+2250	1	F CA	A 52945 B 52945	9.229 11.913	0.007 0.075	9.653	0.019	9.161	0.019		162.410 126 44 162.409 010 23	+22.840 032 03 +22.840 051 45	5.31 5.31	22.22 22.22	-3.04 -3.04	1.58 19.27	1.06 15.72	1.64 1.64	1.55 1.55	1.00 1.00	A	271.1	3.70		
10496-5104	1	F NC	A 52944 B 52944	8.566 12.526	0.007 0.252	10.774	0.038	8.639	0.011		162.409 881 61 162.409 177 58	-51.069 805 75 -51.071 715 54	1.80 1.80	-9.10 -9.10	4.23 4.23	1.04 58.18	1.12 60.81	1.39 1.39	0.94 0.94	0.98 0.98	A	193.0	7.06		
10507-2002	1	F CB	A 53012 B 53012	8.788 12.114	0.005 0.097	9.157	0.016	8.724	0.016		162.685 197 00 162.684 847 09	-20.035 751 74 -20.035 308 88	3.20 3.20	12.69 12.69	-23.17 -23.17	1.61 44.04	1.12 28.24	1.71 1.71	1.50 1.50	1.45 1.45	A	323	1.99		
10508-5920	1	F CA	A 53017 B 53017	10.272 10.320	0.061 0.063						162.695 818 22 162.695 899 55	-59.333 269 19 -59.333 325 54	5.59 5.59	26.76 26.76	-40.89 -40.89	5.80 7.72	6.73 8.20	1.69 1.69	1.89 1.89	1.71 1.71	A	144	0.25		
10510+0502	1	F CA	A 53032 B 53032	8.846 11.677	0.005 0.060						162.760 736 14 162.760 731 99	+5.032 299 78 +5.032 435 09	3.77 3.77	-2.75 -2.75	9.41 9.41	1.73 26.86	1.25 13.92	1.54 1.54	1.74 1.74	1.15 1.15	A	358	0.49		
10510+1603	1	L CA	A 53031 B 53031	8.490 10.080	0.028 0.120						162.759 032 16 162.759 104 71	+16.053 985 72 +16.054 013 28	10.00 10.00	24.39 -0.88	-55.81 -53.11	4.69 18.03	3.65 17.13	1.37 1.37	2.16 8.71	2.39 11.17	A	68	0.27	-3	-0.02
10511+2427	1	F CA	A 53034 B 53034	8.917 11.715	0.006 0.077	9.244 11.715	0.018 0.140	8.826 11.430	0.018 0.182		162.769 242 03 162.768 696 51	+24.451 343 15 +24.453 723 90	4.97 4.97	7.18 7.18	-4.56 -4.56	1.44 22.47	1.07 17.19	1.62 1.62	1.58 1.58	1.16 1.16	A	348.2	8.76		
10514-2341	1	F NC	A 53059 B 53059	9.126 12.849	0.007 0.191	10.032	0.025	9.064	0.019		162.839 821 76 162.841 160 91	-23.689 523 08 -23.689 511 56	6.23 6.23	-6.83 -6.83	-45.86 -45.86	1.44 57.18	1.18 41.78	1.86 1.86	1.34 1.34	1.58 1.58	A	89	4.41		
10515+0756	1	F CA	A 53071 B 53071	8.723 11.238	0.004 0.034						162.868 179 54 162.868 206 95	+7.935 196 83 +7.935 391 45	7.82 7.82	-38.01 -38.01	-16.26 -16.26	1.57 13.93	0.92 8.02	1.53 1.53	1.70 1.70	0.97 0.97	A	8	0.71		
10516-4147	1	F CA	A 53080 B 53080	8.589 10.563	0.006 0.036						162.891 211 16 162.891 286 20	-41.786 136 82 -41.786 030 04	2.83 2.83	-20.11 -20.11	1.26 1.26	0.94 5.97	1.34 7.10	1.41 1.41	0.71 0.71	0.97 0.97	A	28	0.43		



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10517-0340	1	LCA	A 53093 B 53093	9.307 0.005 11.127 0.026		9.904 0.023	9.214 0.019	162.928 365 14 162.926 992 31	-3.659 791 50 -3.658 688 17	10.39 10.39	-161.37 94.25 -23.99 17.68	2.60 1.99 2.78 2.31 2.11 20.46 14.33 2.78 16.39 15.15	A 308.8 6.33 +0.2 -0.16													
10518-4804	1	FCA	A 53102 B 53102	10.412 0.013 10.679 0.016		9.933 0.025	9.625 0.026	162.954 893 75 162.955 151 32	-48.070 739 92 -48.070 390 61	0.60 0.60	-12.14 3.09 -12.14 3.09	2.45 2.64 3.22 2.14 2.16 5.25 6.69 3.22 2.14 2.16	A 26.2 1.40													
10519-5633	1	FCB	A 53108 B 53108	8.607 0.015 11.797 0.268		8.575 0.011	8.573 0.015	162.977 502 06 162.984 889 10	-56.553 626 33 -56.554 028 39	0.72 0.72	-17.77 4.98 -17.77 4.98	0.98 0.99 1.16 1.11 0.99 34.32 30.39 1.16 1.11 0.99	A 95.6 14.73													
10520+0904	1	FCA	A 53117 B 53117	8.307 0.004 11.446 0.067		8.692 0.013	8.213 0.013	163.000 314 06 163.001 028 44	+9.061 412 13 +9.061 315 03	7.73 7.73	32.24 -35.30 32.24 -35.30	1.43 0.95 1.37 1.31 0.97 27.42 19.39 1.37 1.31 0.97	A 97.8 2.56													
10521-5610	1	FNB	G A 53132 B 53132 C 53131	9.464 0.025 9.753 0.028 10.759 0.090		9.967 0.028	9.301 0.024	163.032 057 05 163.029 536 35 163.030 341 97	-56.159 777 44 -56.160 707 96 -56.166 553 60	-0.13 -0.13 -0.13	-3.60 -4.02 -3.60 -4.02 -3.60 -4.02	2.18 2.22 2.11 2.01 1.74 4.57 4.76 2.11 2.01 1.74 15.02 15.25 2.11 2.01 1.74	A 236.46 6.06 A 188.02 24.64													
10522+0728	1	LCA	A 53135 B 53135	8.323 0.012 9.351 0.026		9.173 0.016	8.205 0.012	163.044 214 79 163.041 488 72	+7.460 941 76 +7.462 864 03	7.86 5.09	-11.78 -45.64 -6.84 -44.54	3.33 1.95 2.62 4.37 2.07 11.81 6.24 5.19 8.00 3.90	A 305.42 11.94 +0.02 0.00													
10523-6954	1	FCA	A 53143 B 53143	9.084 0.010 11.516 0.085		9.528 0.026	9.032 0.026	163.066 126 78 163.078 557 45	-69.897 975 86 -69.898 598 64	9.33 9.33	-29.14 -38.73 -29.14 -38.73	1.21 1.11 1.23 1.39 1.08 22.54 20.99 1.23 1.39 1.08	A 98.3 15.54													
10525-1838	1	LCA	A 53156 B 53156	9.213 0.005 10.169 0.012				163.133 121 11 163.133 186 80	-18.636 772 14 -18.636 638 65	7.57 7.57	-66.06 23.74 -78.04 27.53	1.97 1.50 1.87 1.64 1.30 5.56 4.26 1.87 3.93 3.45	A 25.0 0.530 -1.3 -0.002													
10525-7344	1	FND	D A 53152 B 53152	9.021 0.007 12.820 0.238				163.121 811 26 163.122 321 64	-73.735 051 49 -73.735 028 88	2.21 2.21	-6.46 2.24 -6.46 2.24	1.22 0.93 1.04 1.22 1.00 60.68 45.63 1.04 1.22 1.00	A 81 0.52													
10526+0500	1	LCA	A 53165 B 53165	8.528 0.005 10.063 0.021		9.073 0.015	8.404 0.013	163.143 237 46 163.143 192 41	+5.002 707 56 +5.003 131 70	18.10 18.10	-333.36 -36.91 -347.93 -23.84	1.66 1.08 1.46 1.42 1.00 7.22 5.91 1.46 4.72 3.83	A 354.0 1.535 -0.5 +0.015													
10526-2931	1	FCA	A 53161 B 53161	9.813 0.027 10.560 0.053				163.137 749 96 163.137 814 65	-29.512 503 22 -29.512 445 84	5.02 5.02	-14.95 2.59 -14.95 2.59	3.44 3.34 1.67 1.30 1.27 6.63 6.15 1.67 1.30 1.27	A 44 0.29													
10527+3513	1	FCA	A 53176 B 53176	10.436 0.013 12.855 0.115		11.150 0.051	10.355 0.040	163.167 514 64 163.168 350 80	+35.221 359 75 +35.220 909 50	9.07 9.07	-30.57 12.62 -30.57 12.62	2.90 2.72 3.70 3.10 2.85 35.19 57.14 3.70 3.10 2.85	A 123 2.95													
10528+3023	1	FCA	A 53193 B 53193	8.721 0.057 11.121 0.520				163.201 239 42 163.201 254 00	+30.384 243 64 +30.384 198 07	1.02 1.02	-2.76 -3.73 -2.76 -3.73	3.56 4.87 1.07 1.11 0.81 46.22 36.77 1.07 1.11 0.81	A 165 0.17													
10529-1717	1	LCA	A 53206 B 53206	7.959 0.143 8.072 0.159				163.236 283 43 163.236 335 83	-17.277 306 69 -17.277 324 40	25.94 25.94	-186.80 74.81 -159.42 74.01	13.13 4.93 0.97 2.81 1.64 12.97 5.62 0.97 3.46 1.80	A 109 0.191 -3 +0.026													
10530+5742	1	FCA	A 53209 B 53209	9.565 0.007 11.879 0.057		10.275 0.020	9.435 0.015	163.254 339 55 163.254 704 90	+57.702 191 81 +57.702 433 74	10.62 10.62	10.63 11.32 10.63 11.32	1.27 1.40 2.11 1.27 1.24 12.20 16.38 2.11 1.27 1.24	A 39 1.12													
10530-6305	1	FCA	A 53210 B 53210	8.080 0.005 8.280 0.005		8.529 0.015	7.980 0.013	163.254 787 71 163.254 277 12	-63.087 799 86 -63.088 351 66	1.89 1.89	6.81 -9.64 6.81 -9.64	1.25 1.19 1.31 1.59 1.36 2.72 2.30 1.31 1.59 1.36	A 202.7 2.154													
10534-7523	1	FCA	A 53239 B 53239	9.215 0.007 11.211 0.042		9.271 0.015	9.175 0.019	163.352 489 45 163.358 307 77	-75.385 179 80 -75.383 654 51	0.98 0.98	-11.73 5.27 -11.73 5.27	1.35 1.20 1.34 1.35 1.21 9.80 9.16 1.34 1.35 1.21	A 43.9 7.62													
10537-5931	1	FCA	A 53274 B 53274	10.654 0.013 13.174 0.124				163.436 772 31 163.437 019 52	-59.512 970 06 -59.513 093 91	0.39 0.39	-5.18 -1.56 -5.18 -1.56	2.31 2.28 2.45 2.87 2.29 33.17 30.74 2.45 2.87 2.29	A 135 0.63													
10537-7043	1	FCA	A 53272 B 53272	6.431 0.003 7.121 0.006		5.953 0.008	6.014 0.011	163.425 539 24 163.424 324 21	-70.720 337 81 -70.720 210 89	4.20 4.20	-29.45 0.48 -29.45 0.48	0.68 0.60 0.66 0.71 0.60 1.94 1.61 0.66 0.71 0.60	A 287.6 1.515													
10538-2420	1	FCA	A 53276 B 53276	8.624 0.005 11.973 0.106		9.010 0.012	8.555 0.012	163.444 723 77 163.444 210 56	-24.332 134 89 -24.332 233 35	3.28 3.28	10.35 -6.33 10.35 -6.33	1.38 0.98 1.55 1.35 1.37 32.15 30.79 1.55 1.35 1.37	A 258 1.72													
10538-4307	1	FCA	A 53282 B 53282	7.714 0.025 10.633 0.373				163.451 485 12 163.451 553 19	-43.117 447 83 -43.117 490 76	5.62 5.62	-22.47 -17.72 -22.47 -17.72	2.70 3.20 1.02 0.70 0.69 30.88 32.27 1.02 0.70 0.69	A 131 0.24													
10539+1706	1	FCA	A 53291 B 53291	9.634 0.007 11.030 0.024				163.487 094 69 163.487 055 31	+17.106 562 73 +17.106 688 61	1.91 1.91	-12.83 -18.72 -12.83 -18.72	2.36 1.70 2.11 2.00 1.59 11.66 6.23 2.11 2.00 1.59	A 343 0.47													
10543+0737	1	FCA	A 53318 B 53318	9.687 0.007 12.038 0.054				163.583 464 51 163.583 394 12	+7.609 164 97 +7.609 036 52	6.80 6.80	14.41 -12.78 14.41 -12.78	2.05 1.69 2.06 2.71 1.62 20.56 15.21 2.06 2.71 1.62	A 209 0.53													
10544+3840	1	FFD	D A 53326 B 53326	10.699 0.075 10.905 0.090				163.609 193 84 163.609 082 93	+38.660 178 00 +38.660 237 42	8.36 8.36	-106.81 -91.41 -106.81 -91.41	12.56 9.85 9.27 8.54 7.83 13.72 10.88 9.27 8.54 7.83	A 304 0.38													
10544-5707	1	FCA	A 53323 B 53323	10.167 0.010 10.383 0.012		10.197 0.046	9.679 0.044	163.603 806 83 163.604 506 68	-57.115 198 59 -57.115 301 50	2.35 2.35	-26.46 8.31 -26.46 8.31	2.51 2.54 2.68 2.68 2.54 6.42 4.91 2.68 2.68 2.54	A 105.2 1.42													
10545+2046	1	FCB	A 53338 B 53338	8.767 0.006 11.947 0.110		9.182 0.018	8.696 0.017	163.635 269 62 163.636 828 75	+20.773 059 61 +20.775 068 59	5.34 5.34	-15.83 -15.64 -15.83 -15.64	1.51 0.99 1.55 1.61 1.08 34.44 28.15 1.55 1.61 1.08	A 36.0 8.94													
10545+4730	1	FCA	A 53336 B 53336	9.668 0.010 9.691 0.011		10.079 0.033	9.407 0.024	163.627 882 65 163.628 822 71	+47.493 036 09 +47.493 351 04	16.31 16.31	14.99 17.89 14.99 17.89	3.73 2.83 3.49 2.97 2.58 9.97 5.04 3.49 2.97 2.58	A 63.6 2.55													



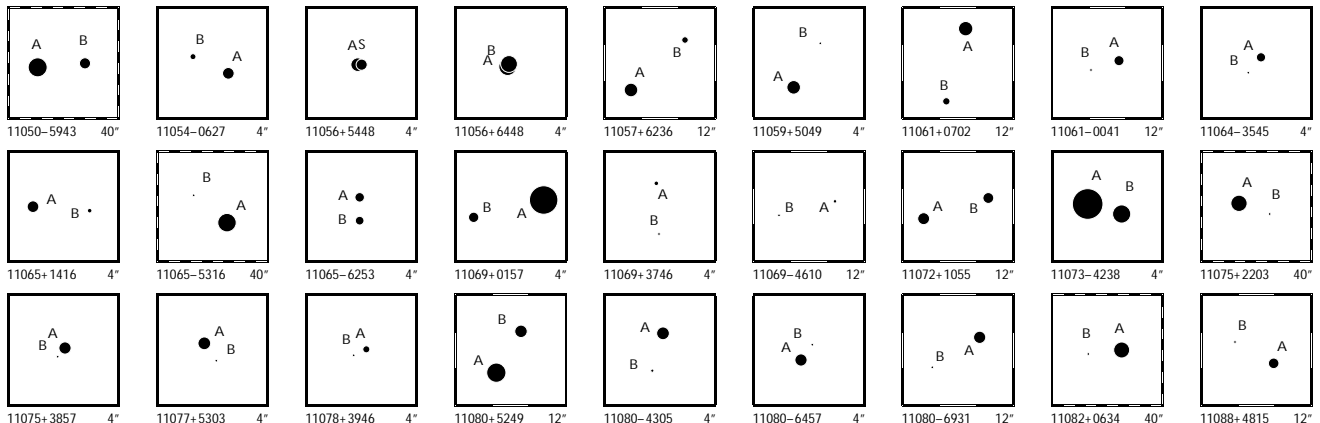
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10545-6358	1	I CA	A 53330 B 53332	9.143 0.009 10.765 0.034	9.545 0.017 11.471 0.101	9.065 0.017 10.612 0.074	163.617 983 87 163.620 955 39	-63.972 695 18 -63.969 176 48	7.32 -2.23	-21.56 -12.03	11.16 -1.81	1.83 1.85 1.71 2.04 1.92 12.06 12.07 5.83 10.70 10.23	A	20.34	13.51	+0.06	-0.01								
10546-3845	1	INB	A 53344 B 53346	7.024 0.011 8.564 0.033	6.948 0.006 8.834 0.013	6.999 0.007 8.503 0.013	163.647 861 70 163.654 053 03	-38.754 454 19 -38.749 140 65	6.05 0.75	-30.03 -27.60	7.99 7.13	1.52 1.29 1.64 1.51 1.39 10.62 7.89 7.61 6.41 6.39	A	42.26	25.85	+0.01	0.00								
10548+2345	1	F CA	A 53370 B 53370	9.194 0.007 10.353 0.018			163.707 246 09 163.707 463 01	+23.755 667 75 +23.755 862 42	5.48 5.48	-68.55 -68.55	17.16 17.16	1.84 1.36 2.07 1.94 1.51 7.97 5.08 2.07 1.94 1.51	A	45.6	1.00										
10554-3117	1	F CA	A 53403 B 53403	9.455 0.006 10.133 0.012	9.616 0.016 10.094 0.039	9.133 0.020 9.556 0.034	163.838 845 28 163.839 464 78	-31.285 852 18 -31.285 878 96	6.22 6.22	-7.54 -7.54	1.98 1.98	2.09 1.34 2.43 2.04 1.66 4.23 3.37 2.43 2.04 1.66	A	92.9	1.908										
10556+2445	1	F CA	A 53417 B 53417	4.491 0.003 6.439 0.015	4.480 0.004 6.383 0.009	4.468 0.003 6.296 0.008	163.903 533 39 163.905 405 18	+24.749 754 51 +24.749 086 21	11.29 11.29	-78.41 -78.41	-14.89 -14.89	0.72 0.57 0.78 0.80 0.58 4.18 3.11 0.78 0.80 0.58	A	111.46	6.575										
10557+0044	1	F CB	A 53423 B 53423	6.069 0.007 9.138 0.122	6.421 0.004	5.968 0.004	163.926 404 33 163.926 674 34	+0.736 930 69 +0.737 078 69	22.85 22.85	103.00 103.00	-3.41 -3.41	1.14 0.76 1.13 1.27 0.88 30.36 19.81 1.13 1.27 0.88	A	61	1.11										
10557-6940	1	FFD	A 53421 B 53421	9.055 0.009 12.060 0.134	10.191 0.030	8.994 0.019	163.923 087 29 163.923 695 73	-69.665 750 38 -69.666 725 89	4.63 4.63	-27.25 -27.25	2.26 2.26	1.89 1.73 1.94 2.29 1.73 51.50 47.83 1.94 2.29 1.73	A	168	3.59										
10559-4735	1	F CA	A 53436 B 53436	8.526 0.006 10.106 0.023	8.485 0.008	8.395 0.010	163.969 549 20 163.969 722 15	-47.574 638 33 -47.575 019 66	1.55 1.55	-9.59 -9.59	-2.58 -2.58	0.99 1.14 1.49 0.94 1.10 4.99 7.04 1.49 0.94 1.10	A	163.0	1.44										
10560-6024	1	F CC	A 53444 B 53444	8.878 0.045 11.580 0.485			163.995 515 70 163.995 343 58	-60.392 629 46 -60.392 599 47	-1.76 -1.76	-5.93 -5.93	1.82 1.82	6.24 5.61 1.69 1.87 1.72 37.54 36.45 1.69 1.87 1.72	A	289	0.32										
10564+7115	1	F CA	A 53480 B 53480	9.430 0.007 11.888 0.066	10.492 0.031	9.341 0.019	164.102 616 10 164.106 130 23	+71.244 594 30 +71.245 427 40	5.08 5.08	-24.79 -24.79	-29.63 -29.63	1.36 1.35 1.61 1.34 1.37 18.14 18.39 1.61 1.34 1.37	A	53.6	5.05										
10565+3339	1	F CA	A 53488 B 53488	10.024 0.007 12.782 0.082	10.462 0.037	9.880 0.034	164.132 501 76 164.133 085 97	+33.645 774 48 +33.645 737 15	5.17 5.17	4.54 4.54	44.45 44.45	1.97 1.40 1.84 1.90 1.52 32.20 23.16 1.84 1.90 1.52	A	94	1.76										
10566+1739	1	FND	A 53494 B 53496	8.629 0.019 11.041 0.143	8.927 0.013 11.269 0.078	8.601 0.014 10.516 0.062	164.152 073 07 164.157 050 11	+17.655 662 76 +17.654 733 04	4.07 4.07	-53.99 -53.99	-25.09 -25.09	2.59 1.75 2.23 2.75 1.72 45.77 29.46 2.23 2.75 1.72	A	101.1	17.40										
10566-1840	1	F CA	A 53497 B 53497	9.417 0.008 12.396 0.121			164.157 416 31 164.157 283 70	-18.669 536 47 -18.669 780 43	7.67 7.67	-52.86 -52.86	-28.67 -28.67	2.21 1.46 2.31 1.72 1.54 36.46 35.34 2.31 1.72 1.54	A	207	0.99										
10572-6959	1	F CC	A 53534 B 53534	9.468 0.009 13.042 0.225	10.365 0.030	9.398 0.021	164.288 358 90 164.290 351 98	-69.980 623 36 -69.979 378 82	14.66 14.66	-28.37 -28.37	0.06 0.06	1.40 1.32 1.45 1.62 1.30 58.81 57.53 1.45 1.62 1.30	A	29	5.11										
10573+5254	1	INC	A 53551 B 53554	10.239 0.034 12.068 0.155	10.181 0.023	10.161 0.032	164.325 828 09 164.332 715 43	+52.906 834 15 +52.903 478 83	-2.95 -24.44	-14.24 13.33	-4.88 15.55	2.77 3.25 3.72 3.10 3.24 40.15 50.68 35.66 27.27 30.19	A	128.9	19.22	-0.1	+0.01								
10573+7309	1	F CC	A 53552 B 53552	10.141 0.448 10.573 0.666			164.331 255 11 164.331 231 76	+73.156 361 75 +73.156 401 73	1.66 1.66	5.24 5.24	1.16 1.16	11.85 29.88 1.01 1.01 0.87 14.42 45.17 1.01 1.01 0.87	A	350	0.15										
10573-6902	1	F CA	A 53556 B 53556	6.619 0.003 8.858 0.024	6.573 0.005 8.779 0.015	6.589 0.005 8.669 0.018	164.334 249 13 164.339 290 20	-69.038 062 14 -69.039 659 50	3.92 3.92	-24.98 -24.98	2.86 2.86	0.62 0.57 0.63 0.67 0.58 6.03 5.84 0.63 0.67 0.58	A	131.54	8.67										
10575-1105	1	FNB	A 53568 B 53568 C 53568	9.014 0.020 9.430 0.031 9.914 0.045			164.377 472 02 164.377 645 08 164.377 436 52	-11.089 216 82 -11.088 008 00 -11.089 332 23	3.33 3.33 3.33	-11.39 -11.39 -11.39	18.12 18.12 18.12	3.18 3.06 2.49 2.85 2.49 6.78 5.19 2.49 2.85 2.49 8.88 8.64 2.49 2.85 2.49	A	8.0	4.39		0.43								
10575-4626	1	L CA	A 53570 B 53570	9.420 0.008 9.690 0.010			164.381 920 12 164.382 113 13	-46.436 207 53 -46.436 161 45	7.11 7.11	-24.62 -35.09	50.03 47.44	2.19 2.12 2.60 1.69 1.78 3.24 3.80 2.60 2.34 2.78	A	70.9	0.507	-0.1	-0.011								
10581-5420	1	F CA	A 53614 B 53614	8.779 0.026 9.364 0.045			164.528 833 36 164.528 850 72	-54.331 535 05 -54.331 463 26	0.31 0.31	-23.17 -23.17	3.91 3.91	2.17 3.58 1.06 0.89 0.92 4.58 5.76 1.06 0.89 0.92	A	8	0.261										
10582-3134	1	I CA	A 53623 B 53622	8.555 0.005 9.687 0.013	8.870 0.011 10.107 0.032	8.467 0.011 9.627 0.034	164.559 251 64 164.557 938 25	-31.563 592 60 -31.560 989 06	5.53 10.88	-39.46 -47.43	-14.51 -12.64	2.07 2.05 2.18 2.20 2.06 6.98 6.16 5.77 5.95 5.10	A	336.74	10.20	-0.04	0.00								
10582-3540	1	F CA	A 53618 B 53618	8.386 0.005 9.265 0.010			164.546 262 88 164.546 072 70	-35.665 593 77 -35.665 659 89	14.97 14.97	-107.28 -107.28	105.55 105.55	1.47 1.00 1.60 1.64 1.15 3.23 3.32 1.60 1.64 1.15	A	246.8	0.605										
10583+1317	1	FFD	A 53633 B 53632	8.603 0.027 10.760 0.172	8.971 0.014 11.044 0.062	8.539 0.014 10.450 0.057	164.578 282 88 164.577 505 75	+13.278 326 11 +13.283 605 26	6.46 6.46	-18.96 -18.96	-0.42 -0.42	2.75 1.74 2.28 2.71 2.01 31.10 23.61 2.28 2.71 2.01	A	351.8	19.20										
10585+1711	1	L CA	A 53644 S 53644	10.216 0.017 10.311 0.018			164.618 045 64 164.618 078 93	+17.185 402 91 +17.185 503 71	11.89 11.89	-24.21 -29.22	-181.92 -168.80	5.54 3.60 2.95 3.02 2.21 5.16 3.70 2.95 3.46 2.51	A	18	0.381	-1	+0.011								
10585+3702	1	I CA	A 53641 B 53640	8.898 0.005 10.767 0.027	9.700 0.021 11.819 0.155	8.825 0.016 10.442 0.069	164.606 791 19 164.604 982 13	+37.028 831 34 +37.031 399 08	18.44 18.95	-146.82 -155.11	-50.95 -56.64	2.31 1.95 2.35 2.43 1.97 13.23 10.73 10.34 11.03 9.01	A	330.6	10.61	-0.1	0.00								
10587+6949	1	F CA	A 53662 B 53662	8.211 0.008 11.101 0.113	8.402 0.008 11.525 0.093	8.151 0.009 10.867 0.090	164.682 303 60 164.693 215 22	+69.812 122 48 +69.812 269 86	7.07 7.07	-21.22 -21.22	-24.76 -24.76	1.03 1.06 1.29 1.07 0.99 29.72 27.69 1.29 1.07 0.99	A	87.8	13.57										
10588+6143	1	F CA	A 53669 B 53669	8.473 0.009 11.421 0.128	9.659 0.014	8.390 0.009	164.710 153 93 164.714 562 63	+61.715 694 19 +61.718 967 66	2.90 2.90	-14.70 -14.70	-10.59 -10.59	1.26 1.36 1.83 1.32 1.37 39.05 38.55 1.83 1.32 1.37	A	32.5	13.98										



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
10590+3256	1	F	A	53677	11.124	0.031	11.654	0.105	10.923	0.088	164.740	193.96	+32.941	432.36	-2.66	-18.16	5.88	5.02	4.00	4.37	4.43	4.01	A	106.0	5.76		
			B	53677	12.618	0.121					164.742	025.53	+32.940	993.00	-2.66	-18.16	5.88	38.59	29.72	4.37	4.43	4.01					
10592+6340	1	F	A	53698	9.681	0.235					164.802	218.99	+63.666	556.36	8.55	-20.87	0.05	14.01	5.51	1.23	0.94	0.89	A	72	0.13		
			B	53698	11.097	0.866					164.802	296.71	+63.666	567.47	8.55	-20.87	0.05	50.64	34.38	1.23	0.94	0.89					
10592-3344	1	F	A	53699	5.830	0.003	6.149	0.003	5.771	0.003	164.807	266.26	-33.737	453.99	20.56	-4.53	-58.03	0.65	0.64	0.83	0.77	0.64	A	221	1.87		
			B	53699	9.546	0.078					164.806	859.84	-33.737	849.48	20.56	-4.53	-58.03	22.24	17.08	0.83	0.77	0.64					
10592-8133	1	L	A	53700	7.565	0.033					164.808	096.67	-81.556	315.88	10.72	-150.24	55.60	4.05	2.53	0.62	1.08	1.30	B	248	0.240	+5	-0.011
			B	53700	7.580	0.033					164.807	674.80	-81.556	340.60	10.72	-147.58	79.75	4.41	3.08	0.62	1.18	1.41					
10593+7941	1	F	A	53709	7.466	0.006	7.995	0.007	7.401	0.007	164.836	642.43	+79.675	776.93	16.01	54.25	40.98	0.91	0.90	1.01	1.01	0.86	A	79	3.17		
			B	53709	11.342	0.225					164.841	458.86	+79.675	949.10	16.01	54.25	40.98	37.99	37.68	1.01	1.01	0.86					
10593-5807	1	F	A	53708	9.152	0.008					164.835	762.03	-58.124	445.14	1.01	-4.57	0.16	1.29	1.15	1.38	1.41	1.25	A	230	0.96		
			B	53708	11.829	0.082					164.835	375.94	-58.124	616.16	1.01	-4.57	0.16	16.58	17.49	1.38	1.41	1.25					
10594+1154	1	F	A	53716	9.079	0.006	10.109	0.032	8.964	0.021	164.859	241.26	+11.895	733.14	2.13	1.04	-15.97	1.87	1.18	1.80	2.10	1.42	A	9.7	7.84		
			B	53716	11.540	0.053					164.859	614.86	+11.897	880.32	2.13	1.04	-15.97	24.64	9.59	1.80	2.10	1.42					
10594+6618	1	F	A	53711	9.200	0.074					164.842	483.17	+66.292	109.70	8.17	-11.85	0.59	7.72	7.62	1.33	1.10	0.90	A	46	0.22		
			B	53711	10.853	0.339					164.842	592.55	+66.292	152.89	8.17	-11.85	0.59	25.08	26.63	1.33	1.10	0.90					
10596+1800	1	F	A	53731	9.038	0.065					164.895	100.78	+17.999	949.93	27.18	-235.87	-231.81	7.36	3.18	2.16	2.22	1.58	A	291	0.29		
			B	53731	11.616	0.694					164.895	022.29	+17.999	978.21	27.18	-235.87	-231.81	106.00	40.30	2.16	2.22	1.58					
10597-0735	1	F	A	53738	8.906	0.013	10.064	0.035	8.866	0.022	164.936	085.84	-7.576	081.49	4.10	-34.31	5.47	1.85	1.50	1.86	2.33	1.69	A	245.9	14.81		
			B	53738	11.207	0.098					164.932	296.10	-7.577	759.45	4.10	-34.31	5.47	30.83	22.39	1.86	2.33	1.69					
10598-0200	1	F	A	53751	9.167	0.006	9.521	0.020	9.110	0.021	164.957	432.53	-1.995	094.98	7.34	-30.14	-3.37	1.50	1.17	1.68	1.89	1.30	A	252.6	11.02		
			B	53751	11.777	0.059					164.954	510.66	-1.996	010.14	7.34	-30.14	-3.37	21.74	19.61	1.68	1.89	1.30					
10598-6025	1	F	A	53743	9.484	0.009	9.483	0.018	9.252	0.023	164.947	624.43	-60.411	682.55	-0.39	-8.01	1.84	1.87	1.92	1.99	2.35	2.15	A	193.5	2.83		
			B	53743	10.806	0.031	10.179	0.047	9.814	0.086	164.947	250.95	-60.412	447.92	-0.39	-8.01	1.84	9.13	8.33	1.99	2.35	2.15					
10599-4615	1	F	A	53757	8.990	0.155					164.974	655.67	-46.258	347.29	3.11	-18.17	5.84	9.64	5.54	1.01	0.57	0.72	A	118	0.14		
			B	53757	10.760	0.788					164.974	705.52	-46.258	365.71	3.11	-18.17	5.84	43.63	41.65	1.01	0.57	0.72					
11000-0328	1	F	A	53765	7.959	0.006	7.998	0.031	7.436	0.038	165.008	401.05	-3.471	415.63	17.55	63.54	39.60	2.13	1.26	1.69	2.70	1.44	A	302.8	1.49		
			B	53765	8.333	0.008					165.008	053.18	-3.471	192.17	17.55	63.54	39.60	3.79	3.62	1.69	2.70	1.44					
11002-4323	1	F	A	53777	8.519	0.005					165.048	611.14	-43.389	507.44	4.59	-29.74	-4.26	1.15	1.30	1.73	1.18	1.44	A	166.2	0.891		
			B	53777	8.712	0.006					165.048	692.28	-43.389	747.89	4.59	-29.74	-4.26	2.06	1.90	1.73	1.18	1.44					
11003-1147	1	F	A	53786	8.298	0.004	9.380	0.023	8.165	0.014	165.073	616.22	-11.784	864.93	3.33	-27.25	-2.26	1.71	1.48	1.68	1.69	1.64	A	42	1.21		
			B	53786	10.424	0.028					165.073	847.87	-11.784	617.11	3.33	-27.25	-2.26	19.09	9.28	1.68	1.69	1.64					
11003-4455	1	F	A	53782	7.420	0.010					165.064	578.02	-44.910	724.15	1.17	-7.36	-0.23	0.93	1.16	1.46	0.95	1.08	A	311	0.98		
			B	53782	11.086	0.258					165.064	290.21	-44.910	544.41	1.17	-7.36	-0.23	32.55	41.52	1.46	0.95	1.08					
11004-4015	1	F	A	53793	8.802	0.006					165.092	498.12	-40.251	937.40	8.63	15.63	-85.67	1.66	1.18	1.76	1.73	1.23	B	174.1	0.972		
			B	53793	8.884	0.006					165.092	534.54	-40.252	205.98	8.63	15.63	-85.67	3.32	1.73	1.76	1.73	1.23					
11005+0258	1	F	A	53804	10.006	0.010	10.751	0.067	9.812	0.047	165.135	053.75	+2.969	218.27	9.51	-37.66	1.32	3.45	3.10	4.25	4.42	3.73	A	126.8	2.17		
			B	53804	10.548	0.016					165.135	537.55	+2.968	857.11	9.51	-37.66	1.32	7.39	6.11	4.25	4.42	3.73					
11005-5022	1	F	A	53802	9.445	0.024					165.125	975.83	-50.367	829.16	5.80	-5.26	3.90	2.39	4.07	2.83	2.02	2.59	A	360	0.352		
			B	53802	10.038	0.042					165.125	974.83	-50.367	731.34	5.80	-5.26	3.90	5.10	6.18	2.83	2.02	2.59					
11007-6911	1	F	A	53825	9.554	0.157					165.186	544.19	-69.186	243.23	2.30	-4.16	-15.42	13.42	7.31	0.93	0.95	0.81	A	161	0.14		
			B	53825	10.558	0.396					165.186	580.66	-69.186	280.39	2.30	-4.16	-15.42	26.85	31.82	0.93	0.95	0.81					
11008+2913	1	F	A	53833	9.163	0.250					165.202	822.80	+29.218	601.66	5.39	-18.14	-5.50	22.68	6.97	1.11	1.48	1.00	B	283	0.19		
			B	53833	9.175	0.252					165.202	762.71	+29.218	613.79	5.39	-18.14	-5.50	22.32	8.07	1.11	1.48	1.00					
11014-1204	1	F	A	53879	8.265	0.064					165.347	051.77	-12.059	461.69	19.97	-175.43	-10.57	6.66	6.20	1.06	0.93	0.90	A	155	0.20		
			B	53879	9.872	0.279					165.347	075.47	-12.059	510.65	19.97	-175.43	-10.57	35.99	19.95	1.06	0.93						

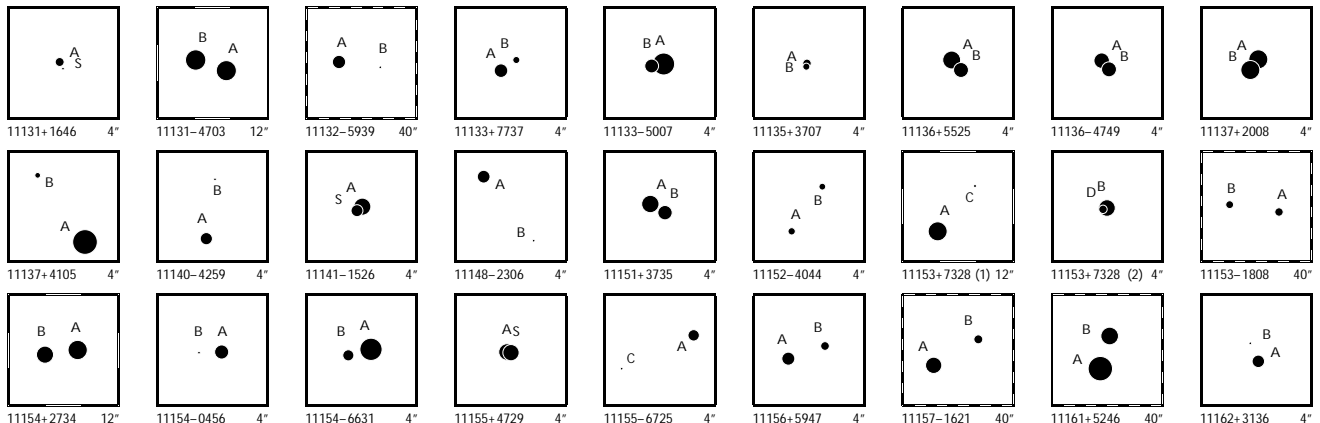
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
11018+2952	1	F	C	A	53906	7.253	0.005	8.397	0.012	7.114	0.007	165.455 527 38 +29.871 289 57	9.00	-58.79	13.77	1.03	0.79	1.06	1.13	0.92	A	324.9	1.09					
				B	53906	9.455	0.037					165.455 326 36 +29.871 537 89	9.00	-58.79	13.77	9.31	6.68	1.06	1.13	0.92								
11020-7329	1	F	C	A	53921	7.384	0.003					165.506 019 77 -73.487 894 55	15.39	-2.49	4.29	0.69	0.68	0.69	0.76	0.70	A	221	0.66					
				B	53921	11.217	0.105					165.505 599 13 -73.488 032 37	15.39	-2.49	4.29	29.87	26.19	0.69	0.76	0.70								
11021-1541	1	F	C	A	53928	8.584	0.006	8.872	0.017	8.464	0.018	165.524 029 29 -15.692 487 49	3.50	-24.71	-23.74	1.97	1.57	2.08	1.74	1.78	A	23.4	2.953					
				B	53928	8.891	0.008	9.220	0.023	8.736	0.019	165.524 367 68 -15.691 734 53	3.50	-24.71	-23.74	4.36	3.11	2.08	1.74	1.78								
11022+0954	1	I	C	A	53937	9.371	0.029	9.962	0.024	9.360	0.022	165.545 380 98 +9.895 262 87	13.03	-9.98	-29.53	4.35	2.84	3.64	4.44	3.40	A	270.4	11.45	0.0	-0.01			
				B	53934	10.748	0.049	11.305	0.079	10.650	0.069	165.542 151 15 +9.895 283 44	14.90	-4.65	-30.37	22.06	12.34	9.30	14.03	10.78								
11023+1630	1	I	N	D	A	53953	11.724	0.068				165.580 496 45 +16.508 648 41	59.31	-32.62	-183.41	16.94	8.97	12.56	16.42	10.35	A	281.7	18.72	0.0	-0.02			
				B	53947	11.850	0.074					165.575 186 47 +16.509 701 79	57.46	-12.81	-186.07	52.64	29.66	25.52	34.27	22.67								
11023+3049	1	F	C	A	53950	9.952	0.010	10.092	0.034	9.390	0.025	165.573 133 91 +30.823 749 13	11.51	-44.71	-42.94	3.19	2.17	2.96	3.42	2.13	A	185.6	1.45					
				B	53950	10.220	0.012	10.220	0.082	9.467	0.055	165.573 088 10 +30.823 347 24	11.51	-44.71	-42.94	5.19	5.59	2.96	3.42	2.13								
11024+8313	1	F	C	A	53960	9.006	0.006	9.409	0.022	8.906	0.021	165.596 075 61 +83.222 030 45	8.13	-21.49	-13.27	1.63	1.28	1.57	1.78	1.37	A	24.8	4.532					
				B	53960	9.955	0.014	10.262	0.051	9.777	0.054	165.600 542 17 +83.223 137 58	8.13	-21.49	-13.27	4.47	3.60	1.57	1.78	1.37								
11026-4006	1	F	C	A	53981	8.712	0.008	9.141	0.011	8.648	0.010	165.644 877 13 -40.101 868 99	8.95	-44.92	58.50	1.23	0.90	1.45	1.42	0.97	A	310	2.65					
				B	53981	12.790	0.316					165.644 142 93 -40.101 393 99	8.95	-44.92	58.50	51.58	41.89	1.45	1.42	0.97								
11027-4827	1	F	C	A	53989	10.445	0.014					165.664 221 05 -48.457 417 23	11.43	102.69	-8.42	1.92	2.81	2.53	1.53	2.06	A	174	0.441					
				B	53989	10.508	0.015					165.664 239 88 -48.457 137 03	11.43	102.69	-8.42	3.60	3.74	2.53	1.53	2.06								
11031-4103	1	F	C	B	A	54018	9.645	0.007	9.965	0.017	9.540	0.018	165.767 998 90 -41.045 808 96	4.61	7.13	-0.55	1.89	1.37	2.18	2.23	1.57	A	153.0	8.087				
				B	54018	10.588	0.015	11.041	0.039	10.385	0.036	165.769 349 97 -41.047 810 82	4.61	7.13	-0.55	7.18	4.14	2.18	2.23	1.57								
11033-2731	1	F	C	A	54031	7.757	0.004	7.889	0.009	7.704	0.009	165.819 695 75 -27.517 985 67	4.91	-56.53	3.40	0.89	0.90	1.29	0.93	1.03	A	341.7	2.80					
				B	54031	9.557	0.018	9.885	0.037	9.282	0.030	165.819 419 99 -27.517 247 60	4.91	-56.53	3.40	6.75	5.68	1.29	0.93	1.03								
11034-4627	1	F	C	A	54036	8.562	0.004					165.842 482 85 -46.451 256 09	1.98	-21.55	4.05	0.83	1.08	1.40	0.83	1.04	A	178.7	0.77					
				B	54036	10.238	0.017					165.842 489 77 -46.451 469 86	1.98	-21.55	4.05	5.38	5.73	1.40	0.83	1.04								
11035+5432	1	F	C	A	54040	9.015	0.010	9.673	0.017	8.788	0.014	165.866 865 39 +54.525 564 17	24.45	-129.64	81.35	1.55	1.54	2.26	1.71	1.40	A	339.3	1.43					
				B	54040	9.748	0.020	10.194	0.074	9.410	0.040	165.866 622 95 +54.525 937 03	24.45	-129.64	81.35	4.37	4.61	2.26	1.71	1.40								
11037+3253	1	F	C	A	54056	10.798	0.054					165.920 607 93 +32.887 326 35	27.38	12.02	56.80	4.21	2.87	4.02	4.12	2.78	A	327.8	17.25					
				B	54056	12.091	0.153					165.917 569 09 +32.891 382 02	27.38	12.02	56.80	49.46	33.30	4.02	4.12	2.78								
11037+6145	1	L	C	A	54061	2.023	0.002					165.932 653 65 +61.751 118 88	26.38	-136.46	-35.25	0.40	0.46	0.53	0.43	0.45	A	269.6	0.672	-5.6	-0.020			
				B	54061	4.945	0.029					165.932 259 14 +61.751 117 60	26.38	-116.33	-100.62	5.91	8.34	0.53	0.47	0.43								
11037-2941	1	F	C	B	A	54059	10.070	0.010	11.142	0.045	9.955	0.025	165.927 476 03 -29.691 748 48	0.68	-4.07	-1.81	1.73	1.66	2.22	1.80	1.76	A	3.6	10.85				
				B	54059	12.793	0.119					165.927 692 07 -29.688 741 31	0.68	-4.07	-1.81	40.80	27.69	2.22	1.80	1.76								
11038-6039	1	F	N	D	A	54066	10.339	0.037	11.441	0.133	10.609	0.095	165.938 379 75 -60.642 275 16	5.27	5.80	-2.98	2.82	2.85	3.13	3.46	3.29	A	92	2.36				
				B	54066	13.381	0.544					165.939 717 26 -60.642 292 48	5.27	5.80	-2.98	107.23	91.72	3.13	3.46	3.29								
11040+0338	1	F	C	A	54080	8.023	0.005					165.995 467 24 +3.638 775 71	3.83	-24.35	-1.38	2.61	1.46	1.80	2.49	1.31	B	120.3	1.253					
				B	54080	8.105	0.006					165.995 768 28 +3.638 599 86	3.83	-24.35	-1.38	3.27	1.78	1.80	2.49	1.31								
11040+2309	1	F	C	A	54077	8.662	0.004	9.193	0.014	8.591	0.013	165.987 730 23 +23.147 640 00	4.95	-1.97	-30.50	1.43	1.00	1.37	1.64	1.07	A	359.0	1.83					
				B	54077	10.885	0.031	10.383	0.188	9.751	0.100	165.987 720 61 +23.148 148 47	4.95	-1.97	-30.50	10.89	6.38	1.37	1.64	1.07								
11041-3235	1	F	C	A	54092	9.572	0.016					166.026 955 15 -32.588 625 02	3.73	10.90	-13.48	3.22	2.60	2.87	2.61	2.06	A	133	0.40					
				B	54092	11.145	0.068					166.027 052 21 -32.588 700 85	3.73	10.90	-13.48	14.20	9.18	2.87	2.61	2.06								
11043-3643	1	F	C	B	A	54106	7.257	0.014				166.069 500 75 -36.721 556 35	8.58	-34.14	16.96	2.15	2.00	1.18	1.08	0.77	A	267	0.25					
				B	54106	10.087	0.194					166.069 413 05 -36.721 559 42	8.58	-34.14	16.96	21.44	29.40	1.18	1.08	0.77								
11045-1940	1	I	C	A	54128	9.799	0.032	10.220	0.036	9.702	0.036	166.114 908 94 -19.665 620 67	3.79	-8.46	-29.00	3.81	3.37	3.55	3.22	2.92	A	285.01	17.30	-0.02	0.00			
				B	54124	11.333	0.104					166.109 979 38 -19.664 375 99	5.39	-6.40	-36.98	35.73	24.84	15.05	14.17	11.72								

System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11050-5943	1	I CA	A 54184 B 54181	7.777 0.017 9.535 0.075	7.896 0.011 9.746 0.037	7.707 0.011 9.525 0.044		166.263 717 74 166.254 107 93	-59.713 630 41 -59.713 230 65	-0.32 8.87	-6.20 3.19 -5.35 4.02	1.77 1.93 1.75 2.20 2.25 16.91 20.34 8.19 10.38 11.12	A 274.71 17.51 0.00 0.00													
11054-0627	1	F CA	A 54207 B 54207	9.435 0.015 10.662 0.041	10.045 0.043	9.147 0.033		166.358 992 65 166.359 361 94	-6.441 518 96 -6.441 340 08	10.81 10.81	-172.84 -17.59 -172.84 -17.59	2.73 1.80 2.74 3.53 2.21 11.57 9.61 1.74 3.53 2.21	A 64.0 1.47													
11056+5448	1	F CA	A 54216 S 54216	8.976 0.143 9.520 0.237				166.394 417 06 166.394 351 86	+54.807 963 41 +54.807 967 00	7.28 7.28	16.62 10.45 16.62 10.45	10.28 8.66 1.07 0.85 0.62 13.39 14.16 1.07 0.85 0.62	A 275 0.14													
11056+6448	1	F CB	A 54218 B 54218	8.104 0.381 8.303 0.458				166.400 763 85 166.400 734 37	+64.803 945 65 +64.803 972 50	11.04 11.04	25.34 9.82 25.34 9.82	7.17 18.29 0.74 0.57 0.53 15.61 19.49 0.74 0.57 0.53	A 335 0.11													
11057+6236	1	F CA	A 54224 B 54224	9.010 0.006 10.560 0.022	10.070 0.022 10.953 0.042	8.928 0.014 10.353 0.039		166.421 797 75 166.418 149 51	+62.617 089 82 +62.618 626 75	4.12 4.12	8.43 -11.44 8.43 -11.44	1.11 1.22 1.56 1.32 1.29 5.57 6.88 1.56 1.32 1.29	A 312.49 8.19													
11059+5049	1	F CA	A 54245 B 54245	8.980 0.005 11.437 0.050	10.021 0.023	8.900 0.015		166.464 154 76 166.463 725 41	+50.820 257 71 +50.820 713 02	1.43 1.43	-8.36 -6.44 -8.36 -6.44	1.18 1.18 1.55 1.32 1.19 13.06 11.10 1.55 1.32 1.19	A 329.2 1.91													
11061+0702	1	F CA	A 54268 B 54268	8.814 0.009 10.392 0.035	9.212 0.027 11.093 0.128	8.744 0.027 10.235 0.096		166.530 939 07 166.531 532 89	+7.033 609 63 +7.031 377 66	8.52 8.52	-14.04 -61.85 -14.04 -61.85	1.73 1.40 1.73 1.80 1.36 8.71 7.74 1.73 1.80 1.36	A 165.2 8.31													
11061-0041	1	F CA	A 54272 B 54272	9.799 0.010 11.562 0.048	10.309 0.039	9.780 0.039		166.535 664 09 166.536 523 03	-0.680 252 31 -0.680 544 68	7.70 7.70	-9.60 -10.32 -9.60 -10.32	2.37 2.56 2.56 2.61 2.46 14.96 14.26 2.56 2.61 2.46	A 108.8 3.27													
11064-3545	1	L CA	A 54288 B 54288	9.974 0.008 11.500 0.031				166.595 159 66 166.595 323 77	-35.748 303 94 -35.748 463 26	39.11 39.11	112.60 -31.06 155.64 -50.90	2.19 2.17 2.60 1.87 1.64 12.62 10.47 2.60 8.05 6.36	A 140 0.75 -2 +0.04													
11065+1416	1	L CA	A 54299 B 54299	9.422 0.005 10.996 0.019	10.468 0.030	9.323 0.019		166.631 029 09 166.630 433 81	+14.263 145 47 +14.263 098 12	22.37 22.37	210.44 -303.44 203.98 -327.64	1.88 1.32 1.84 1.47 1.23 8.01 6.37 1.84 4.76 4.43	A 265.3 2.084 -0.6 +0.008													
11065-5316	1	IND D	A 54293 B 54298	7.938 0.013 11.915 0.068	7.896 0.007	7.919 0.010		166.622 149 99 166.627 861 65	-53.271 716 42 -53.268 859 14	-0.29 155.28	-11.94 1.75 -39.50 272.78	1.37 1.48 1.47 1.38 1.32 124.18 127.13 78.30 82.06 77.38	A 50.1 16.03 -0.8 +0.15													
11065-6253	1	F CA	A 54295 B 54295	9.925 0.008 10.060 0.009	9.925 0.012 10.060 0.009	-62.890 663 39 -62.890 904 40		166.622 903 12 166.622 909 89	-62.890 663 39 -62.890 904 40	6.37 6.37	-45.71 8.93 -45.71 8.93	2.10 2.68 2.50 2.69 2.91 3.62 3.66 2.50 2.69 2.91	A 179.3 0.868													
11069+0157	1	F CC	A 54336 B 54336	5.695 0.003 9.717 0.130	6.766 0.005	5.639 0.003		166.726 795 25 166.727 514 02	+1.955 733 65 +1.955 559 43	16.05 16.05	-383.06 -85.67 -383.06 -85.67	0.86 0.69 0.92 0.98 0.76 45.43 40.59 0.92 0.98 0.76	A 104 2.66													
11069+3746	1	F CA	A 54334 B 54334	10.976 0.010 12.176 0.028	11.580 0.090	10.917 0.082		166.721 873 35 166.721 838 74	+37.770 317 42 +37.769 791 76	3.81 3.81	-11.40 5.05 -11.40 5.05	3.13 2.34 3.18 3.23 2.47 13.63 8.92 3.18 3.23 2.47	A 183.0 1.89													
11069-4610	1	F NC	A 54335 B 54335	11.237 0.024 13.087 0.131	11.758 0.086	11.140 0.079		166.725 822 22 166.728 320 76	-46.170 942 64 -46.171 372 45	-2.07 -2.07	-224.28 -52.89 -224.28 -52.89	2.42 2.62 3.85 2.24 2.98 26.74 32.64 3.85 2.24 2.98	A 104.0 6.42													
11072+1055	1	F CA	A 54351 B 54351	9.384 0.007 9.620 0.009	10.364 0.050 10.479 0.051	9.119 0.028 9.367 0.032		166.798 065 22 166.796 000 38	+10.913 287 70 +10.913 914 58	11.46 11.46	30.07 33.59 30.07 33.59	7.44 2.82 3.18 6.70 2.81 8.34 4.05 3.18 6.70 2.81	A 287.18 7.64													
11073-4238	1	F CA P	A 54360 B 54360	5.248 0.003 7.954 0.032	5.210 0.002	5.168 0.003		166.819 816 83 166.819 341 79	-42.638 781 47 -42.638 886 11	11.50 11.50	-82.12 41.21 -82.12 41.21	0.44 0.49 0.71 0.42 0.51 9.77 5.78 0.71 0.42 0.51	A 253.3 1.31													
11075+2203	1	FFD D	A 54375 B 54375	8.379 0.032 11.431 0.533	9.038 0.015	8.297 0.013		166.870 529 22 166.867 254 63	+22.052 966 11 +22.051 829 18	18.94 18.94	-200.82 5.65 -200.82 5.65	1.63 1.10 1.62 1.86 1.25 57.98 42.25 1.62 1.86 1.25	A 249.5 11.67													
11075+3857	1	F CB	A 54376 B 54376	9.315 0.008 12.461 0.134				166.876 984 51 166.877 084 12	+38.951 159 75 +38.951 068 11	4.56 4.56	-65.76 -9.37 -65.76 -9.37	1.90 1.50 1.58 1.44 1.24 42.35 27.16 1.58 1.44 1.24	A 140 0.43													
11077+5303	1	F CA P	A 54389 B 54389	9.203 0.006 12.536 0.116				166.918 447 03 166.918 245 92	+53.052 187 84 +53.052 008 16	5.11 5.11	-1.15 4.30 -1.15 4.30	1.13 1.21 1.66 1.17 1.02 28.42 31.45 1.66 1.17 1.02	A 214 0.78													
11078+3946	1	F CA	A 54392 B 54392	10.445 0.011 11.489 0.029				166.943 829 23 166.944 003 21	+39.769 971 54 +39.769 914 38	2.18 2.18	-5.91 -27.89 -5.91 -27.89	2.32 1.69 2.26 1.98 1.49 7.94 6.11 2.26 1.98 1.49	A 113 0.52													
11080+5249	1	L CA	A 54407 B 54407	7.726 0.004 9.224 0.013	8.233 0.010 9.797 0.032	7.643 0.008 9.026 0.026		167.000 499 47 166.999 249 09	+52.821 653 93 +52.822 932 45	17.45 17.45	-60.99 -2.73 -71.66 3.11	0.91 1.01 1.23 0.80 0.74 5.30 5.07 1.23 3.26 2.54	A 329.42 5.346 -0.07 +0.010													
11080-4305	1	F CA	A 54402 B 54402	9.204 0.006 11.300 0.040	9.712 0.014	9.139 0.013		166.988 403 21 166.988 556 96	-43.088 244 29 -43.088 628 31	9.71 9.71	-107.08 -10.94 -107.08 -10.94	1.03 0.96 1.55 1.08 1.11 7.00 8.41 1.55 1.08 1.11	A 163.7 1.44													
11080-6457	1	F CA	A 54405 B 54405	9.294 0.006 11.427 0.039				166.992 821 54 166.992 539 65	-64.955 979 89 -64.955 823 14	19.61 19.61	-149.48 13.68 -149.48 13.68	1.27 1.24 1.39 1.43 1.47 10.94 9.08 1.39 1.43 1.47	A 323 0.71													
11080-6931	1	F CC	A 54410 B 54410	9.270 0.009 13.282 0.371	10.612 0.034	9.210 0.018		167.007 350 46 167.011 502 88	-69.522 746 11 -69.523 679 57	0.60 0.60	-4.19 0.74 -4.19 0.74	1.29 1.23 1.38 1.46 1.26 76.55 71.95 1.38 1.46 1.26	A 123 6.22													
11082+0634	1	F CA	A 54423 B 54423	8.463 0.009 11.501 0.140	8.954 0.017 11.489 0.130	8.406 0.016 10.928 0.119		167.056 429 38 167.059 822 55	+6.573 530 91 +6.573 174 25	11.72 11.72	-21.86 -14.05 -21.86 -14.05	1.48 1.08 1.61 1.67 1.20 25.37 20.45 1.61 1.67 1.20	A 96.0 12.20													
11088+4815	1	F CB	A 54485 B 54485	9.646 0.012 12.867 0.228	10.516 0.041	9.550 0.029		167.202 311 80 167.204 153 70	+48.246 541 81 +48.247 207 12	4.59 4.59	-39.80 3.70 -39.80 3.70	1.88 1.51 1.91 1.73 1.58 54.68 30.35 1.91 1.73 1.58	A 61.5 5.02													

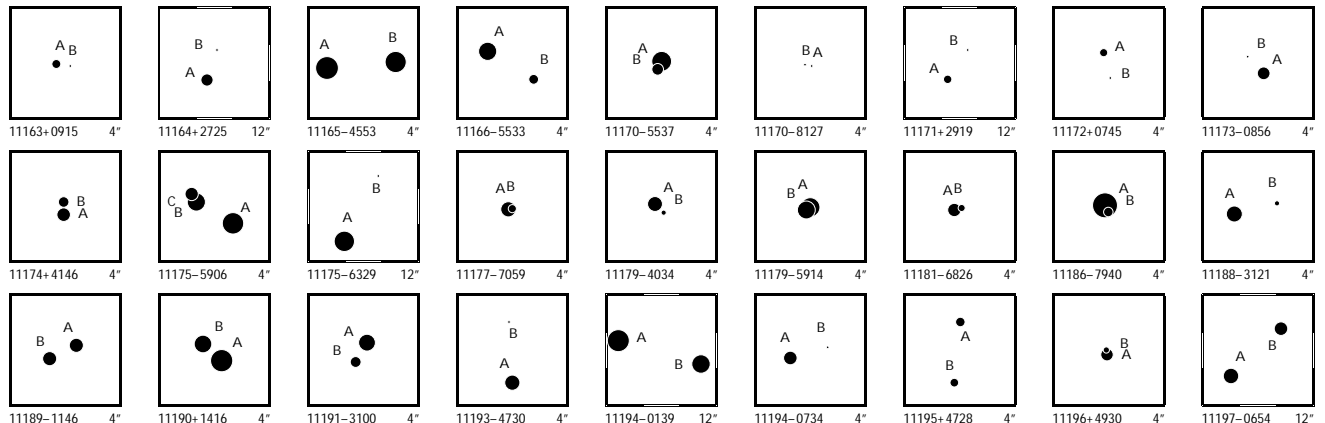


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11088-3453	1	F	C	B	A	54479	9.312 0.008	10.657 0.034	9.253 0.018	167.189 037 24	-34.881 735 16	2.60	-3.96	4.21	1.70	1.48	2.11	1.84	1.45	A	221	1.36						
					B	54479	12.158 0.112			167.188 736 21	-34.882 019 66	2.60	-3.96	4.21	30.35	26.12	2.11	1.84	1.45									
11090-4645	1	F	C	A	A	54494	10.704 0.149			167.238 673 07	-46.749 340 16	0.68	-17.62	9.02	8.59	16.02	1.42	0.83	0.99	A	8	0.19						
					B	54494	10.759 0.157			167.238 684 26	-46.749 288 50	0.68	-17.62	9.02	9.34	11.10	1.42	0.83	0.99									
11092+6230	1	F	C	A	A	54514	9.307 0.011	9.576 0.020	9.275 0.022	167.304 481 07	+62.497 475 30	1.08	8.35	3.66	1.98	2.28	2.57	2.07	1.99	A	51.24	9.90						
					B	54514	9.496 0.013	9.818 0.025	9.422 0.025	167.309 124 93	+62.499 196 86	1.08	8.35	3.66	4.53	4.60	2.57	2.07	1.99									
11095+8306	1	F	C	A	A	54529	10.134 0.012	11.135 0.056	10.030 0.035	167.368 853 33	-83.096 024 69	17.65	-69.59	-34.35	2.91	2.12	2.66	2.80	2.34	A	319.22	6.96						
					B	54529	10.554 0.017	11.333 0.068	10.210 0.041	167.358 339 52	+83.097 489 62	17.65	-69.59	-34.35	6.46	4.93	2.66	2.80	2.34									
11098+1009	1	F	C	A	A	54556	8.531 0.006			167.450 893 27	+10.157 362 02	13.22	-103.42	-21.92	2.17	1.11	1.61	2.85	1.20	A	296	0.64						
					B	54556	10.468 0.033			167.450 730 81	+10.157 441 22	13.22	-103.42	-21.92	14.93	7.26	1.61	2.85	1.20									
11100+1443	1	F	C	A	A	54568	9.106 0.012			167.488 758 20	+14.710 908 90	2.79	-64.18	-17.35	2.97	3.27	2.26	2.03	1.64	A	260	0.36						
					B	54568	9.872 0.025			167.488 665 62	+14.710 892 04	2.79	-64.18	-17.35	6.66	9.44	2.26	2.03	1.64									
11101-3822	1	F	C	A	A	54577	9.244 0.046			167.531 216 68	-38.363 064 87	19.06	131.01	-191.13	5.19	5.75	1.69	1.32	1.20	A	6	0.24						
					B	54577	10.918 0.214			167.531 225 70	-38.362 999 81	19.06	131.01	-191.13	22.45	22.98	1.69	1.32	1.20									
11102-1122	1	F	C	B	A	54580	8.431 0.475			167.549 717 35	-11.359 971 91	15.08	-1.57	-79.31	37.59	21.39	0.98	0.88	0.72	A	328	0.11						
					B	54580	8.779 0.654			167.549 700 51	-11.359 945 11	15.08	-1.57	-79.31	58.17	32.22	0.98	0.88	0.72									
11103+3840	1	F	C	C	A	54591	10.227 0.027	10.567 0.037	10.154 0.040	167.581 057 34	+38.666 281 90	3.62	-88.82	49.75	2.34	2.19	2.88	2.38	2.06	A	223.2	14.74						
					B	54591	12.636 0.240			167.577 469 65	-38.663 296 43	3.62	-88.82	49.75	42.39	36.69	2.88	2.38	2.06									
11104+1110	1	F	C	A	A	54596	8.144 0.006			167.604 235 39	+11.166 895 44	3.61	-24.93	8.95	1.60	1.13	1.50	1.51	1.00	A	40	0.63						
					B	54596	10.901 0.067			167.604 350 15	+11.167 028 17	3.61	-24.93	8.95	17.45	15.78	1.50	1.51	1.00									
11105-3146	1	F	C	A	A	54603	11.626 0.017			167.626 047 80	-31.766 190 05	20.05	127.07	-118.32	17.70	7.79	10.85	16.93	7.54	A	240	0.59						
					B	54603	11.875 0.021			167.625 882 20	-31.766 272 17	20.05	127.07	-118.32	36.86	14.87	10.85	16.93	7.54									
11105-6009	1	F	C	A	A	54606	9.001 0.007	9.164 0.026	8.961 0.030	167.635 190 75	-60.144 041 36	2.01	-4.99	3.84	1.36	1.38	1.57	1.52	1.33	A	336.0	1.80						
					B	54606	11.048 0.044			167.634 782 75	-60.143 585 94	2.01	-4.99	3.84	11.73	9.81	1.57	1.52	1.33									
11106-3234	1	F	C	A	A	54611	7.473 0.019			167.644 333 84	-32.563 926 23	9.12	-63.00	2.29	2.66	1.89	1.20	1.21	0.85	A	118	0.31						
					B	54611	9.711 0.148			167.644 423 91	-32.563 967 44	9.12	-63.00	2.29	16.48	14.31	1.20	1.21	0.85									
11107+3110	1	F	C	B	A	54619	10.344 0.014			167.674 737 50	+31.159 145 85	18.47	-90.39	-22.92	3.33	2.39	2.78	2.87	2.54	A	252	1.11						
					B	54619	11.519 0.039			167.674 393 33	+31.159 052 17	18.47	-90.39	-22.92	20.41	10.30	2.78	2.87	2.54									
11113+4325	1	F	N	B	A	54658	11.622 0.034			167.833 266 08	+43.418 415 93	59.01	-633.95	-443.77	12.48	9.50	3.92	3.78	3.55	A	79.7	3.79						
					B	54658	11.687 0.036			167.834 693 90	+43.418 603 62	59.01	-633.95	-443.77	4.67	3.95	3.92	3.78	3.55									
11113-7428	1	F	C	A	A	54653	8.167 0.005			167.813 434 29	-74.463 444 36	9.90	-95.02	-6.32	1.17	0.98	0.91	1.04	0.85	A	77.3	0.457						
					B	54653	8.967 0.010			167.813 896 58	-74.463 416 55	9.90	-95.02	-6.32	2.89	2.80	0.91	1.04	0.85									
11114+4150	1	F	C	C	A	54663	10.184 0.127			167.849 674 13	+41.826 733 16	17.87	-264.97	-0.07	9.81	9.22	1.94	1.64	1.48	A	312	0.22						
					B	54663	12.053 0.711			167.849 614 41	+41.826 773 03	17.87	-264.97	-0.07	57.16	58.99	1.94	1.64	1.48									
11117+7239	1	F	C	B	A	54686	9.865 0.009			167.930 647 18	+72.657 803 17	4.67	-9.86	0.02	1.79	1.96	1.96	1.84	1.58	A	347	0.60						
					B	54686	13.124 0.174			167.930 520 84	+72.657 964 69	4.67	-9.86	0.02	59.00	42.47	1.96	1.84	1.58									
11118-3449	1	L	C	A	A	54693	8.932 0.021			167.954 431 98	-34.818 224 56	9.43	-25.88	-11.25	2.53	3.05	1.33	1.69	1.03	A	339	0.265 +1	-0.009					
					S	54693	9.548 0.036			167.954 400 31	-34.818 155 67	9.43	-19.66	-18.33	5.50	4.77	1.33	2.90	1.61									
11119-5312	1	I	N	D	A	54701	9.002 0.023	10.401 0.032	8.978 0.016	167.979 405 59	-53.196 604 08	3.13	-25.33	8.85	2.35	2.45	2.75	2.46	2.23	A	344.4	23.96	+0.2	-0.03				
					B	54700	11.098 0.119	11.486 0.094	10.782 0.084	167.976 418 62	-53.190 192 30	-5.54	44.58	-5.17	30.06	31.94	24.56	21.89	20.70									
11120+3500	1	F	C	A	A	54706	8.397 0.009			168.011 139 30	+35.006 761 79	8.06	-68.32	-5.18	1.72	1.67	1.42	1.45	1.20	A	213	0.356						
					B	54706	9.671 0.029			168.011 074 07	+35.006 678 61	8.06	-68.32	-5.18	4.99	5.66	1.42	1.45	1.20									
11121-7113	1	F	C	A	A	54712	7.070 0.003	7.083 0.004	7.090 0.004	168.023 106 61	-71.217 456 89	5.12	-26.86	-0.62	0.66	0.64	0.72	0.66	0.65	A	1.7	2.58						
					B	54712	10.451 0.070	10.015 0.091	9.583 0.106	168.023 173 33	-71.216 739 32	5.12	-26.86	-0.62	16.20	22.67	0.72	0.66	0.65									
11122-4616	1	F																										

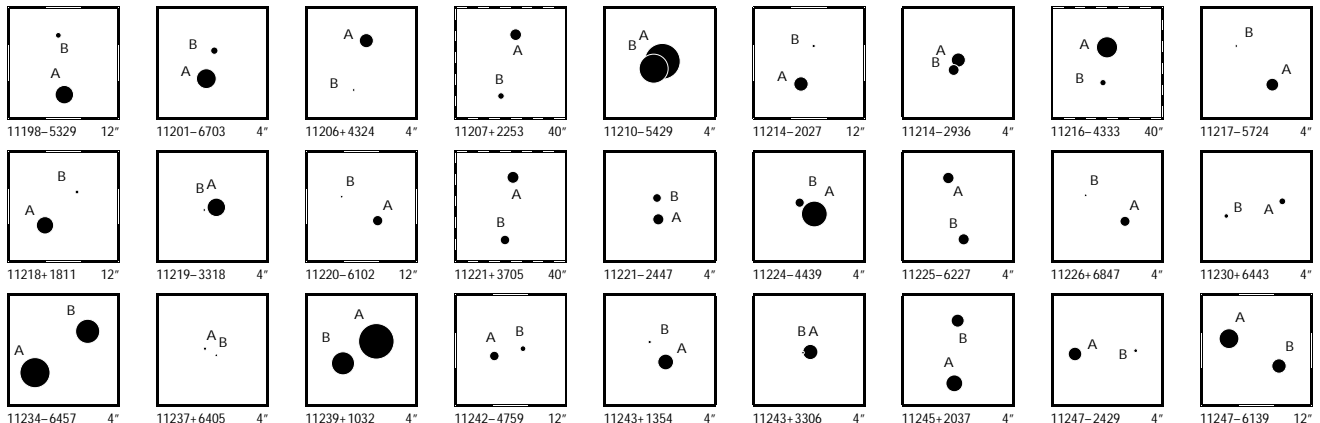
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
11131+1646	1	FCA	A 54792 S 54792	10.003 11.581	0.069 0.292					168.268 754 92 168.268 727 19	+16.769 162 06 +16.769 096 09	6.60 6.60	38.54 -113.66 38.54 -113.66	4.39 7.52 2.30 2.46 1.59 22.68 35.29 2.30 2.46 1.59	A 202	0.26											
11131-4703	1	LCA	A 54795 A 54795	7.472 7.568	0.005 0.005	7.903 8.404	0.007 0.008	7.424 7.465	0.008 0.006	168.271 240 97 168.269 872 16	-47.055 225 01 -47.055 566 70	10.92 10.92	20.09 10.42 13.50 13.71	1.44 1.57 1.70 1.07 1.23 2.96 2.84 1.70 1.73 1.83	B 249.88	3.575	+0.09	+0.005									
11132-5939	1	FNC	A 54809 B 54809	9.084 12.133	0.015 0.228	9.138	0.016	9.117	0.021	168.304 805 26 168.296 232 04	-59.641 670 22 -59.642 221 68	0.61 0.61	-9.50 3.54 -9.50 3.54	1.22 1.41 1.40 1.45 1.32 49.11 50.18 1.40 1.45 1.32	A 262.7	15.72											
11133+7737	1	FCA	A 54821 B 54821	8.971 10.416	0.005 0.019					168.334 578 02 168.333 836 08	+77.625 019 25 +77.625 133 01	4.55 4.55	-1.37 -19.05 -1.37 -19.05	1.25 1.16 1.30 1.46 1.16 5.76 5.08 1.30 1.46 1.16	A 305.6	0.704											
11133-5007	1	FCA	A 54814 B 54814	7.160 8.921	0.003 0.015					168.322 926 31 168.323 118 98	-50.122 518 12 -50.122 542 64	3.33 3.33	-27.07 4.63 -27.07 4.63	0.75 0.75 0.82 0.58 0.61 3.68 4.48 0.82 0.58 0.61	A 101	0.453											
11135+3707	1	FCA	A 54832 B 54832	10.140 10.410	0.237 0.304					168.385 300 00 168.385 305 99	+37.119 803 66 +37.119 765 74	7.11 7.11	4.12 -19.13 4.12 -19.13	9.92 16.38 1.33 1.03 1.02 13.43 19.09 1.33 1.03 1.02	A 173	0.14											
11136+5525	1	FCA	A 54835 B 54835	8.016 8.682	0.005 0.010					168.394 595 27 168.394 434 61	+55.415 839 77 +55.415 735 98	10.88 10.88	-36.79 8.87 -36.79 8.87	1.21 1.19 1.47 1.28 0.99 2.93 3.05 1.47 1.28 0.99	A 221.3	0.497											
11136-4749	1	FCA	A 54836 B 54836	8.593 8.706	0.009 0.010					168.396 087 78 168.395 972 76	-47.823 657 92 -47.823 754 71	10.34 10.34	3.49 -45.69 3.49 -45.69	1.57 1.82 2.13 1.34 1.66 2.53 2.64 2.13 1.34 1.66	A 218.6	0.446											
11137+2008	1	FCA	A 54844 B 54844	7.813 7.829	0.008 0.008					168.421 736 88 168.421 825 63	+20.129 130 87 +20.129 018 83	19.48 19.48	-387.57 -122.78 -387.57 -122.78	2.62 1.80 1.80 2.25 2.15 3.23 1.82 1.80 2.25 2.15	A 143.4	0.503											
11137+4105	1	FCC	A 54842 B 54842	6.521 10.711	0.004 0.185	7.839 9.653	0.008 0.055	6.470 8.357	0.005 0.031	168.417 095 05 168.417 729 82	+41.088 797 03 +41.089 482 68	9.83 9.83	-13.73 16.26 -13.73 16.26	0.79 0.73 0.95 0.80 0.76 43.75 35.89 0.95 0.80 0.76	A 35	3.01											
11140-4259	1	FCA	A 54860 B 54860	9.308 12.434	0.007 0.129	9.599	0.018	9.256	0.019	168.497 080 01 168.496 947 88	-42.988 047 15 -42.987 431 86	4.93 4.93	-20.48 8.00 -20.48 8.00	1.18 1.45 1.83 1.22 1.41 27.29 36.02 1.83 1.22 1.41	A 351	2.24											
11141-1526	1	FCA	A 54866 S 54866	8.199 9.350	0.032 0.091					168.515 231 30 168.515 282 97	-15.435 297 84 -15.435 346 83	4.01 4.01	-32.10 -7.98 -32.10 -7.98	4.25 3.34 1.19 1.00 0.97 11.23 7.04 1.19 1.00 0.97	A 135	0.25											
11148-2306	1	FCA	A 54922 B 54922	9.165 12.580	0.006 0.124	10.467	0.030	9.196	0.017	168.701 494 54 168.700 946 03	-23.104 032 10 -23.104 683 92	44.12 44.12	-295.43 -365.45 -295.43 -365.45	1.24 1.27 1.66 1.36 1.34 38.33 37.13 1.66 1.36 1.34	A 218	2.97											
11151+3735	1	LCA	A 54941 B 54941	8.169 8.791	0.006 0.010					168.762 917 36 168.762 736 07	+37.578 660 04 +37.578 577 09	2.11 2.11	0.00 -6.21 5.63 -0.87	2.26 1.81 2.27 1.96 1.47 4.08 4.31 2.27 3.34 3.31	A 240.0	0.597	+0.2	-0.008									
11152-4044	1	FCA	A 54953 B 54953	10.402 10.521	0.015 0.016	10.124 10.254	0.050 0.050	9.637 9.763	0.049 0.058	168.805 818 94 168.805 404 84	-40.732 771 11 -40.732 309 19	4.09 4.09	-45.93 13.92 -45.93 13.92	4.46 4.50 5.40 4.88 4.83 8.91 6.46 5.40 4.88 4.83	A 325.8	2.01											
11153+7328	1	FCC	A 54952 C 54952 B 54976 D 54976	7.785 11.339 8.366 10.156	0.006 0.160 0.173 0.900	8.965	0.013	7.751	0.008	168.803 042 08 168.798 974 82 168.857 406 54 168.857 526 46	+73.474 933 36 +73.476 362 55 +73.471 316 80 +73.471 300 90	68.13 68.13 2.01 2.01	-403.84 112.05 -403.84 112.05 1.83 -0.85 1.83 -0.85	1.04 1.01 1.18 1.14 0.90 41.54 29.14 1.18 1.14 0.90 10.81 4.22 0.78 0.72 0.60 47.52 31.76 0.78 0.72 0.60	A 321.0	6.62											
11153-1808	1	INC	A 54963 B 54966	10.116 10.234	0.124 0.136					168.830 817 02 168.836 222 06	-18.144 056 23 -18.143 321 40	-4.63 18.47	294.43 -717.20 319.28 -708.04	41.86 31.97 19.10 18.93 14.65 17.81 14.32 15.62 15.70 12.98	A 81.9	18.68	0.0	+0.03									
11154+2734	1	FCA	A 54967 B 54967	7.735 8.202	0.005 0.007	7.904 8.401	0.011 0.021	7.641 8.057	0.013 0.022	168.837 440 38 168.838 590 11	+27.570 997 48 +27.570 864 63	7.80 7.80	-35.70 0.58 -35.70 0.58	1.67 1.24 1.65 1.66 1.38 2.95 2.38 1.65 1.66 1.38	A 97.43	3.700											
11154-0456	1	FCA	A 54973 B 54973	8.854 11.845	0.017 0.258					168.846 555 35 168.846 786 67	-4.933 759 11 -4.933 764 45	2.23 2.23	-7.43 6.18 -7.43 6.18	3.20 2.17 3.28 4.69 2.58 57.13 41.35 3.28 4.69 2.58	A 91	0.83											
11154-6631	1	FCA	A 54971 B 54971	7.077 9.521	0.005 0.040					168.842 361 43 168.842 948 67	-66.511 945 68 -66.512 014 92	1.05 1.05	-6.55 2.23 -6.55 2.23	0.83 0.81 0.90 0.95 0.95 7.85 7.85 0.90 0.95 0.95	A 106	0.88											
11155+4729	1	FCA	A 54981 S 54981	8.349 8.385	0.153 0.158					168.869 519 20 168.869 463 46	+47.479 512 11 +47.479 504 45	4.94 4.94	24.58 -5.32 24.58 -5.32	10.07 7.67 0.87 0.76 0.68 10.25 7.80 0.87 0.76 0.68	A 259	0.14											
11155-6725	1	FND	A 54980 S 54980	9.488 13.724	0.007 0.337	10.380	0.042	9.420	0.028	168.868 963 97 168.870 893 73	-67.409 945 86 -67.410 286 64	17.95 17.95	-166.71 -79.56 -166.71 -79.56	1.17 1.15 1.32 1.29 1.30 101.98 92.59 1.32 1.29 1.30	A 115	2.94											
11156+5947	1	FCA	A 54995 B 54995	9.098 10.079	0.007 0.017	9.387 10.076	0.013 0.068	8.876 9.616	0.014 0.062	168.903 015 06 168.902 270 75	+59.778 732 44 +59.778 864 51	5.48 5.48	-28.65 -14.97 -28.65 -14.97	1.29 1.33 1.88 1.24 1.19 4.82 4.63 1.88 1.24 1.19	A 289.4	1.43											
11157-1621	1	ICA	A 55001 B 55000	8.413 9.995	0.025 0.077	8.641 9.920	0.021 0.046	8.397 9.546	0.023 0.048	168.920 919 39 168.916 102 67	-16.352 464 09 -16.349 784 84	0.60 -5.42	-7.53 -2.56 -0.02 -0.93	2.81 2.36 2.51 2.64 2.40 22.08 18.66 10.61 15.56 13.27	A 300.10	19.23	+0.02	-0.01									
11161+5246	1	ICA	A 55044 B 55043	6.613 8.072	0.005 0.018	7.026 8.692	0.004 0.010	6.541 8.007	0.005 0.009	169.016 158 71 169.014 574 94	+52.773 022 71 +52.776 346 95	25.55 22.14	159.82 56.75 157.85 53.54	1.24 1.07 1.39 1.62 1.11 7.22 6.73 4.00 4.73 3.28	A 343.92	12.454	-0.01	-0.003									
11162+3136	1	FDD	A 55055 B 55055	9.252 12.212	0.010 0.145					169.062 411 44 169.062 506 40	+31.605 016 18 +31.605 202 43	3.56 3.56	-21.05 -4.39 -21.05 -4.39	2.46 1.80 2.25 2.39 2.01 43.30 37.37 2.25 2.39 2.01	A 23	0.73											



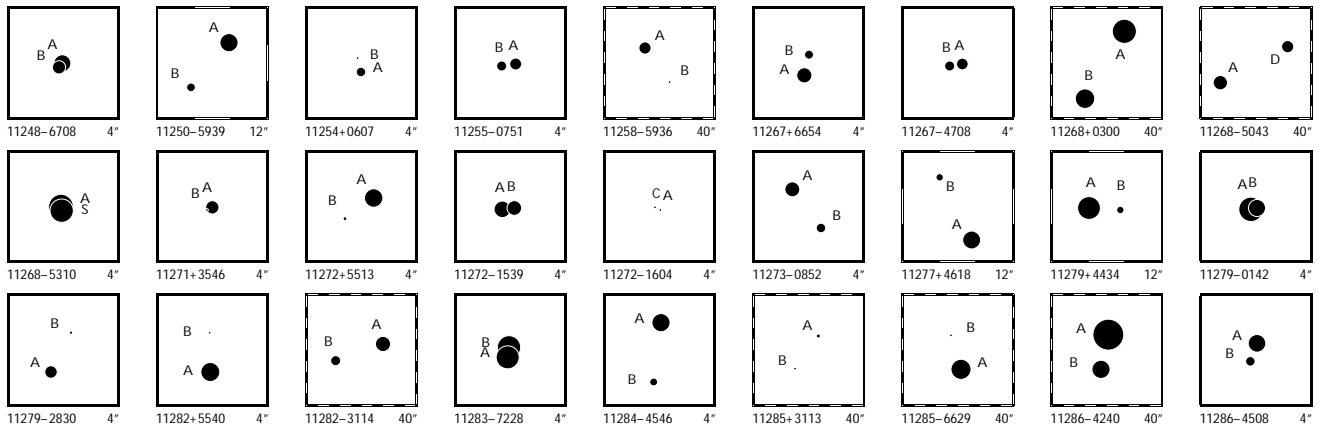
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*} mas/yr	μ_{δ} mas/yr	α^* mas	δ mas	π mas	μ_{α^*} mas/yr	μ_{δ} mas/yr	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
11163+0915	1	F	CB	A 55058 B 55058	10.022 12.651	0.009 0.099					169.071 226 03 169.071 080 21	+9.252 543 23 +9.252 513 52	2.24 2.24	4.96 4.96	4.08 4.08	2.80 2.73 2.84 37.02 44.61 2.84	2.72 2.05 2.72 2.05					A 258		0.53		
11164+2725	1	F	ND	A 55067 B 55067	9.273 13.548	0.007 0.360	10.327 0.032	9.206 0.021			169.105 978 91 169.105 660 59	+27.421 778 38 +27.422 669 70	1.77 1.77	-9.90 -9.90	3.99 3.99	1.53 1.36 1.63 115.57 109.59 1.63	1.56 1.50 1.63 1.56 1.50					A 342		3.37		
11165-4553	1	F	CA	A 55068 B 55068	6.989 7.339	0.004 0.005	7.329 0.005	6.924 0.005			169.116 418 93 169.115 405 73	-45.880 179 22 -45.880 109 43	18.05 18.05	-139.84 -139.84	68.68 68.68	0.78 0.85 1.23 1.93 1.51 1.23	0.75 0.94 0.75 0.94					A 275.65		2.552		
11166-5533	1	F	CA	A 55080 B 55080	7.964 9.821	0.003 0.017	8.926 0.013	7.870 0.009			169.147 219 65 169.146 386 97	-55.555 334 73 -55.555 622 98	4.26 4.26	-42.67 -42.67	12.81 12.81	0.85 0.85 0.99 5.96 5.49 0.99	0.90 0.81 0.90 0.81					A 238.5		1.99		
11170-5537	1	F	CA	A 55113 B 55113	7.612 9.445	0.009 0.048					169.261 770 39 169.261 840 74	-55.622 583 82 -55.622 665 21	4.97 4.97	-31.78 -31.78	0.28 0.28	1.41 1.78 0.86 7.22 6.28 0.86	0.76 0.71 0.76 0.71					A 154		0.33		
11170-8127	1	F	CB	A 55110 B 55110	11.668 12.455	0.168 0.347					169.260 538 58 169.260 982 64	-81.452 508 04 -81.452 487 72	2.95 2.95	-20.63 -20.63	10.29 10.29	15.59 11.66 1.98 49.22 30.22 1.98	2.34 2.01 2.34 2.01					A 73		0.25		
11171+2919	1	F	ND	A 55115 B 55115	10.151 13.133	0.015 0.234	10.566 0.036	10.112 0.039			169.264 696 76 169.263 964 47	+29.323 974 08 +29.324 870 56	6.88 6.88	27.01 27.01	-190.88 -190.88	2.29 1.79 2.56 61.02 48.63 2.56	2.43 2.33 2.56 2.43 2.33					A 325		3.96		
11172+0745	1	F	CA	A 55122 B 55122	10.207 12.505	0.008 0.062					169.288 749 67 169.288 677 45	+7.745 550 98 +7.745 292 68	3.18 3.18	-10.01 -10.01	1.56 1.56	2.18 2.28 2.25 20.08 20.88 2.25	2.23 1.86 2.23 1.86					A 195		0.96		
11173-0856	1	F	CB	A 55139 B 55139	9.204 12.449	0.008 0.152					169.327 338 77 169.327 501 36	-8.928 588 13 -8.928 413 91	0.90 0.90	-11.19 -11.19	2.10 2.10	2.00 1.44 1.81 50.47 36.26 1.81	2.23 1.36 2.23 1.36					A 43		0.85		
11174+4146	1	F	CA	A 55147 B 55147	9.005 9.662	0.007 0.012					169.360 925 09 169.360 926 59	+41.773 307 69 +41.773 432 85	3.43 3.43	-7.82 -7.82	2.36 2.36	1.70 1.71 1.76 4.50 3.17 1.76	1.52 1.53 1.52 1.53					A 1		0.451		
11175-5906	1	F	NB	A 55149 B 55149 C 55149	7.251 8.003 9.049	0.007 0.031 0.081	6.973 0.033	7.013 0.040			169.364 845 99 169.365 572 62 169.365 667 57	-59.105 411 62 -59.105 186 13 -59.105 106 48	4.80 4.80 4.80	-22.40 -22.40 -22.40	7.11 7.11 7.11	0.95 0.95 1.05 4.02 4.63 1.05 9.34 12.11 1.05	1.08 0.94 1.08 0.94 1.08 0.94					A 58.9 B 31		1.57 0.34		
11175-6329	1	F	CB	A 55153 B 55153	7.518 11.381	0.004 0.140	7.589 0.006	7.483 0.007			169.379 096 57 169.376 804 22	-63.476 354 70 -63.474 341 28	1.61 1.61	-9.93 -9.93	-0.80 -0.80	0.72 0.72 0.81 31.48 28.89 0.81	0.84 0.78 0.84 0.78					A 333.0		8.13		
11177-7059	1	F	CC	A 55169 B 55169	8.647 10.221	0.149 0.636					169.429 815 02 169.429 699 12	-70.977 492 09 -70.977 481 65	1.47 1.47	-8.05 -8.05	4.42 4.42	7.34 6.39 0.83 50.02 25.19 0.83	0.79 0.78 0.79 0.78					A 285		0.14		
11179-4034	1	F	CA	A 55185 B 55185	8.689 10.849	0.008 0.056					169.483 396 13 169.483 281 93	-40.570 017 60 -40.570 102 94	5.63 5.63	-52.58 -52.58	-9.88 -9.88	1.71 1.60 1.66 14.04 11.10 1.66	1.42 1.23 1.42 1.23					A 225		0.44		
11179-5914	1	F	CA	A 55181 B 55181	7.769 8.014	0.062 0.078					169.473 806 20 169.473 885 29	-59.236 404 49 -59.236 431 49	4.41 4.41	-21.73 -21.73	6.05 6.05	4.66 3.69 0.72 6.05 5.40 0.72	0.73 0.70 0.73 0.70					A 124		0.175		
11181-6826	1	F	CA	A 55195 B 55195	9.082 10.451	0.029 0.103					169.514 765 76 169.514 570 97	-68.435 335 78 -68.435 315 49	0.74 0.74	-18.36 -18.36	1.97 1.97	4.63 3.38 1.10 11.43 11.47 1.10	1.12 1.07 1.12 1.07					A 286		0.27		
11186-7940	1	F	CC	A 55225 B 55225	6.465 9.877	0.018 0.414					169.642 534 42 169.642 322 11	-79.668 599 87 -79.668 659 90	15.50 15.50	57.70 57.70	-20.06 -20.06	3.35 3.16 0.76 26.51 26.95 0.76	0.83 0.70 0.83 0.70					A 212		0.26		
11188-3121	1	F	CA	A 55240 B 55240	8.475 10.887	0.007 0.059	8.553 0.012	8.389 0.013			169.691 671 87 169.691 151 01	-31.357 023 83 -31.356 917 19	5.96 5.96	-35.00 -35.00	2.83 2.83	1.21 1.13 1.46 15.00 14.18 1.46	1.28 0.96 1.28 0.96					A 283.5		1.65		
11189-1146	1	L	CA	A 55247 B 55247	8.862 8.892	0.005 0.005					169.722 005 87 169.722 886 25	-11.768 328 83 -11.768 466 25	8.17 8.17	-61.04 -57.43	-24.01 -20.17	3.10 2.41 3.04 4.79 3.95 3.04	2.94 2.37 3.49 2.96					A 116.6		1.103	-0.3	+0.002
11190+1416	1	L	CA	A 55254 B 55254	7.053 8.128	0.006 0.014					169.749 448 89 169.749 639 55	+14.268 934 70 +14.269 107 06	31.17 31.17	58.82 42.43	-138.88 -188.49	1.71 1.73 1.55 5.59 5.48 1.55	1.59 1.29 3.69 3.50					A 47.0		0.910	+1.6	-0.046
11191-3100	1	L	CA	A 55258 B 55258	8.297 9.581	0.005 0.015					169.769 472 17 169.769 601 54	-31.006 380 27 -31.006 572 79	11.48 11.48	-71.06 -86.65	69.75 64.90	1.19 1.21 1.38 5.17 4.27 1.38	1.05 0.86 3.67 2.58					A 150.1		0.800	+1.1	-0.004
11193-4730	1	F	CA	A 55276 B 55276	8.646 12.197	0.005 0.119	8.657 0.008	8.598 0.010			169.812 542 92 169.812 597 44	-47.494 626 42 -47.494 000 80	4.56 4.56	-27.70 -27.70	2.68 2.68	0.98 1.11 1.64 34.18 48.35 1.64	1.03 1.14 1.03 1.14					A 3		2.26		
11194-0139	1	F	CA	A 55288 B 55288	7.167 7.945	0.007 0.014	7.651 0.010	7.105 0.009			169.844 861 30 169.842 328 18	-1.654 515 04 -1.655 238 56	17.98 17.98	-221.17 -221.17	-152.48 -152.48	1.61 1.16 1.60 4.26 3.01 1.60	1.59 1.26 1.59 1.26					A 254.05		9.480		
11194-0734	1	F	CA	A 55287 B 55287	9.028 11.484	0.008 0.076	9.192 0.021	8.929 0.024			169.842 904 16 169.842 515 59	-7.573 547 51 -7.573 437 20	4.57 4.57	-9.32 -9.32	0.31 0.31	1.68 1.25 1.62 15.70 11.47 1.62	1.87 1.38 1.87 1.38					A 286.0		1.44		
11195+4728	1	F	CA	A 55299 B 55299	9.919 10.059	0.011 0.012	10.047 0.033	9.527 0.026			169.872 346 85 169.872 441 03	+47.470 492 84 +47.469 872 85	2.82 2.82	-3.28 -3.28	-7.60 -7.60	2.62 2.27 2.48 5.68 4.18 2.48	2.43 2.21 2.43 2.21					A 174.1		2.244		
11196+4930	1	F	CB	A 55310 B 55310	9.214 10.594	0.174 0.621					169.909 783 58 169.909 791 53	+49.506 166 25 +49.506 209 22	2.35 2.35	-16.76 -16.76	-0.49 -0.49	6.92 14.48 1.26 24.47 38.11 1.26	0.75 1.03 0.75 1.03					A 7		0.16		
11197-0654	1	F	CA	A 55322 B 55322	8.557 8.977	0.005 0.008	8.900 0.023	8.485 0.023			169.933 230 63 169.931 679 53	-6.898 585 25 -6.897 132 99	6.57 6.57	-104.35 -104.35	11.45 11.45	1.96 1.54 1.89 3.82 3.19 1.89	1.81 1.58 1.81 1.58					A 313.32		7.620		



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11198-5329	1	FNB	A 55329 B 55329	7.949 0.005 10.743 0.069	8.034 0.007 11.120 0.083	7.882 0.008 10.493 0.077		169.957 189 72 169.957 510 30	-53.476 209 14 -53.474 379 69	5.61 5.61	-24.06 -24.06	2.97 2.97	0.94 1.01 1.22 0.93 0.95 13.97 15.22 1.22 0.93 0.95	A 6.0 6.62												
11201-6703	1	FCA	A 55356 B 55356	7.626 0.004 10.380 0.042	7.650 0.006 7.551 0.007			170.026 618 09 170.026 409 28	-67.049 397 78 -67.049 107 93	2.89 2.89	-13.33 -13.33	1.37 1.37	0.69 0.71 0.79 0.83 0.75 8.78 9.45 0.79 0.83 0.75	A 344.3 1.08												
11206+4324	1	FCA	A 55394 B 55394	8.869 0.007 11.818 0.090	10.279 0.031 8.839 0.016			170.138 462 13 170.138 647 93	+43.397 681 89 +43.397 180 94	3.05 3.05	4.00 4.00	-1.40 -1.40	1.26 1.22 1.46 1.29 1.18 23.47 18.34 1.46 1.29 1.18	A 165 1.87												
11207+2253	1	IND	D	A 55402 B 55404	9.409 0.018 10.541 0.041	9.933 0.019 11.361 0.061	9.289 0.018 10.385 0.042		170.181 606 54 170.183 230 68	+22.881 026 13 +22.874 705 72	16.07 14.86	-36.22 -39.88	5.60 -1.27	4.06 2.32 2.96 5.06 2.63 23.40 13.51 11.53 22.80 10.64	A 166.7 23.38 0.0 +0.01											
11210-5429	1	LCA	A 55425 B 55425	4.081 0.002 5.574 0.007				170.251 842 66 170.251 996 78	-54.491 013 95 -54.491 087 63	10.15 10.15	-35.32 -40.39	-2.20 -9.71	0.57 0.55 0.53 0.51 0.46 2.17 2.12 0.53 1.49 1.35	A 129.5 0.417 +1.2 +0.001												
11214-2027	1	FCA	A 55454 B 55454	8.829 0.007 11.266 0.056	10.505 0.035 8.897 0.016			170.360 639 15 170.360 221 26	-20.453 503 29 -20.452 310 55	76.00 76.00	178.48 178.48	-115.16 -115.16	1.60 1.25 1.70 1.56 1.19 20.39 14.98 1.70 1.56 1.19	A 341.8 4.52												
11214-2936	1	FCA	A 55450 B 55450	8.873 0.008 9.611 0.016				170.350 164 88 170.350 212 66	-29.594 514 72 -29.594 615 43	5.25 5.25	-59.54 -59.54	2.10 2.10	1.75 1.63 1.56 1.30 1.25 5.08 3.03 1.56 1.30 1.25	A 158 0.392												
11216-4333	1	FCA	A 55474 B 55474	7.291 0.004 10.610 0.088	8.431 0.009 11.090 0.067	7.234 0.007 10.273 0.051		170.407 313 67 170.407 906 09	-43.557 686 45 -43.561 294 39	2.97 2.97	-35.12 -35.12	-12.25 -12.25	0.65 0.79 1.07 0.66 0.77 19.96 20.80 1.07 0.66 0.77	A 173.2 13.08												
11217-5724	1	FCA	A 55477 B 55477	9.194 0.009 11.563 0.074	9.283 0.016 9.124 0.020			170.419 461 88 170.420 160 47	-57.399 625 58 -57.399 230 16	1.26 1.26	-22.77 -22.77	2.33 2.33	1.29 1.34 1.64 1.74 1.52 12.47 12.21 1.64 1.74 1.52	A 43.6 1.97												
11218+1811	1	FCB	A 55486 B 55486	8.133 0.007 11.136 0.108	9.084 0.023 8.087 0.017			170.455 980 85 170.454 949 26	+18.190 232 77 +18.191 280 92	31.68 31.68	-151.10 -151.10	-95.73 -95.73	2.02 1.24 1.55 1.97 1.33 20.46 24.33 1.55 1.97 1.33	A 316.9 5.17												
11219-3318	1	FCC	A 55492 B 55492	7.925 0.009 11.543 0.029				170.464 867 34 170.465 010 91	-33.301 237 13 -33.301 265 49	0.93 0.93	-9.03 -9.03	18.16 18.16	1.78 1.19 1.29 1.24 0.81 45.99 37.90 1.29 1.24 0.81	A 103 0.44												
11220-6102	1	FCA	A 55499 B 55499	9.728 0.016 12.482 0.193	9.773 0.029 9.751 0.043			170.494 884 52 170.497 200 85	-61.029 386 90 -61.028 640 77	0.02 0.02	-3.15 -3.15	2.71 2.71	2.12 2.11 2.52 2.37 2.28 44.31 40.83 2.52 2.37 2.28	A 56.4 4.85												
11221+3705	1	ICA	A 55508 B 55509	9.349 0.015 9.915 0.020	9.766 0.022 9.994 0.021	9.225 0.021 9.438 0.019		170.529 353 34 170.530 399 83	+37.087 629 08 +37.081 261 76	4.94 1.45	37.59 30.16	-32.10 -36.79	2.80 2.83 3.07 2.45 2.69 6.98 7.31 5.97 4.78 5.31	A 172.53 23.12 +0.02 0.00												
11221-2447	1	LCA	P	A 55505 B 55505	9.536 0.007 10.080 0.011			170.522 269 53 170.522 281 49	-24.777 629 90 -24.777 414 86	21.43 21.43	-85.45 -84.35	-33.37 -23.90	2.34 2.62 2.86 1.89 2.12 5.35 4.90 2.86 3.98 3.93	A 2.9 0.775 0.0 +0.010												
11224-4439	1	FCA	A 55528 B 55528	6.299 0.003 9.936 0.083				170.596 445 89 170.596 669 10	-44.645 847 48 -44.645 736 24	9.49 9.49	-44.80 -44.80	-31.72 -31.72	0.56 0.61 0.82 0.58 0.60 13.58 19.61 0.82 0.58 0.60	A 55 0.70												
11225-6227	1	FCA	A 55534 B 55534	9.450 0.006 9.518 0.006	9.468 0.018 9.510 0.015	9.162 0.020 9.291 0.026		170.621 616 84 170.621 284 03	-62.455 458 30 -62.456 082 07	3.47 3.47	-13.76 -13.76	-0.06 -0.06	1.79 1.68 1.95 2.09 1.96 3.21 3.28 1.95 2.09 1.96	A 193.9 2.313												
11226+6847	1	FCC	A 55540 B 55540	9.784 0.009 12.851 0.150	10.317 0.026 9.622 0.021			170.637 757 52 170.638 887 94	+68.777 622 06 +68.777 886 10	8.13 8.13	-37.74 -37.74	-23.91 -23.91	2.38 2.50 2.84 2.32 2.40 62.78 70.29 2.84 2.32 2.40	A 57 1.75												
11230+6443	1	FCA	A 55573 B 55573	10.497 0.016 10.967 0.025	11.087 0.052 10.346 0.044			170.756 477 82 170.752 281 49	+64.715 416 36 +64.715 267 56	6.81 6.81	-4.80 -4.80	-108.34 -108.34	3.52 3.29 3.96 3.94 3.34 7.85 7.87 3.96 3.94 3.34	A 104.7 2.11												
11234-6457	1	FCA	A 55597 B 55597	5.363 0.003 6.676 0.009	5.265 0.005 6.565 0.008	5.376 0.004 6.515 0.007		170.839 297 52 170.838 022 32	-64.954 731 34 -64.954 315 81	6.87 6.87	-22.59 -22.59	7.00 7.00	0.50 0.57 0.59 0.57 0.56 2.08 2.09 0.59 0.57 0.56	A 307.59 2.452												
11237+6405	1	FCA	A 55621 B 55621	11.292 0.015 11.867 0.025				170.929 671 57 170.929 401 46	+64.085 429 97 +64.085 363 30	2.81 2.81	-15.07 -15.07	3.93 3.93	3.68 3.05 3.39 3.68 2.52 8.64 8.46 3.39 3.68 2.52	A 241 0.49												
11239+1032	1	FCA	A 55642 B 55642	4.112 0.005 6.920 0.064	4.455 0.005 4.008 0.005			170.980 703 34 170.981 053 43	+10.529 697 72 +10.529 466 91	41.26 41.26	140.75 140.75	-77.80 -77.80	1.16 0.92 1.16 1.26 0.92 18.82 19.63 1.16 1.26 0.92	A 124 1.49												
11242-4759	1	FCA	A 55659 B 55659	9.913 0.007 10.728 0.013	10.530 0.023 11.211 0.044	9.782 0.019 10.434 0.035		171.056 056 08 171.054 694 86	-47.975 841 18 -47.975 636 00	11.07 11.07	-21.49 -21.49	-125.63 -125.63	1.57 1.69 2.60 1.66 1.91 3.91 4.69 2.60 1.66 1.91	A 282.7 3.363												
11243+1354	1	FCA	A 55661 B 55661	8.517 0.006 11.298 0.072				171.065 520 26 171.065 687 31	+13.901 983 14 +13.902 190 92	15.30 15.30	-95.22 -95.22	-30.00 -30.00	1.81 1.21 1.64 2.24 1.44 22.26 12.29 1.64 2.24 1.44	A 38 0.95												
11243+3306	1	FND	D	A 55663 B 55663	8.620 0.023 11.836 0.449			171.069 305 12 171.069 394 89	+33.106 252 59 +33.106 253 78	2.39 2.39	-6.65 -6.65	21.77 21.77	2.42 1.18 1.27 1.32 0.94 80.43 34.89 1.27 1.32 0.94	A 89 0.27												
11245+2037	1	FCA	A 55677 B 55677	8.300 0.009 9.146 0.018	8.651 0.019 9.521 0.032	8.162 0.016 9.018 0.026		171.120 572 59 171.120 541 11	+20.621 257 35 +20.621 897 29	11.59 11.59	-0.93 -0.93	5.73 5.73	1.64 1.47 1.59 1.90 1.44 4.45 4.78 1.59 1.90 1.44	A 357.4 2.31												
11247-2429	1	FCA	A 55692 B 55692	8.985 0.007 11.168 0.046	10.293 0.029 8.921 0.016			171.172 733 85 171.172 044 66	-24.485 528 94 -24.485 493 13	1.92 1.92	-27.75 -27.75	-24.11 -24.11	1.36 1.30 1.68 1.34 1.20 11.16 10.45 1.68 1.34 1.20	A 273.3 2.26												
11247-6139	1	LNC	A 55691 B 55691	7.646 0.013 8.809 0.037	10.410 0.094 8.760 0.037			171.170 601 62 171.167 389 99	-61.647 755 69 -61.648 607 64	77.58 77.58	-510.94 -561.68	77.96 77.44	1.89 1.80 1.82 1.96 1.81 9.46 7.84 1.82 5.53 4.78	A 240.81 6.29 +0.22 +0.04												

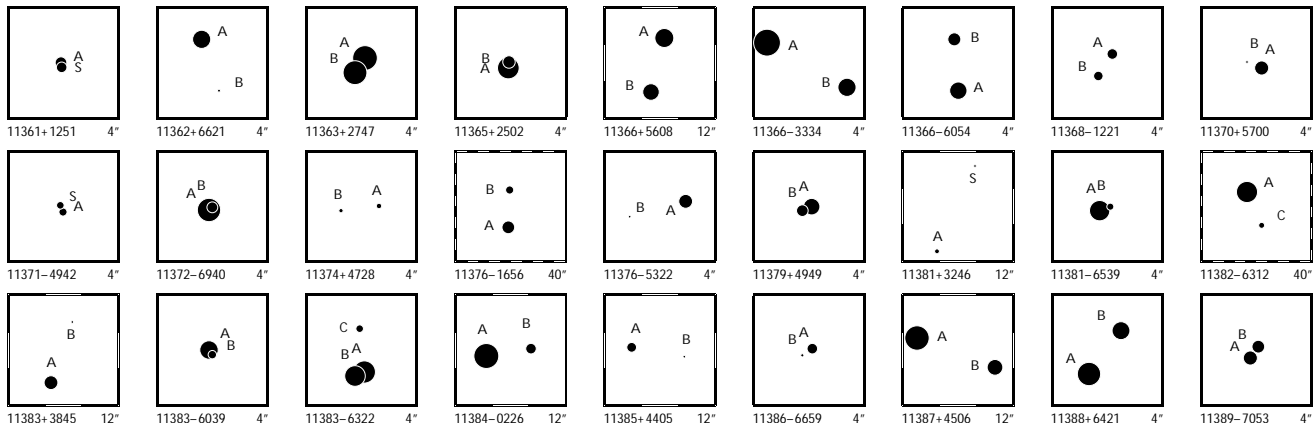


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11248-6708	1	F CA	A 55702 B 55702	8.214 9.032	0.076 0.162						171.203 819 71 171.203 907 17	-67.129 848 56 -67.129 882 26	3.35 3.35	-14.76 -14.76	1.01 1.01	4.98 9.27	5.02 9.08	0.69 0.69	0.72 0.72	0.62 0.62	A	135		0.17	
11250-5939	1	F CA	A 55719 B 55719	8.006 10.064	0.006 0.035	9.556 10.187	0.022 0.045	7.999 9.970	0.011 0.057		171.251 422 92 171.253 728 58	-59.651 650 35 -59.653 026 27	1.09 1.09	-24.37 -24.37	4.97 4.97	1.06 8.74	1.02 7.86	1.28 1.28	1.20 1.20	1.05 1.05	A	139.7		6.49	
11254+0607	1	F CA	A 55750 B 55750	9.908 11.738	0.007 0.037						171.347 669 20 171.347 698 66	+6.108 443 06 +6.108 578 02	5.19 5.19	-9.03 -9.03	-23.84 -23.84	2.03 11.96	1.77 10.11	2.07 2.07	2.31 2.31	1.65 1.65	A	12		0.50	
11255-0751	1	F CA	A 55759 B 55759	9.344 9.783	0.012 0.017						171.375 516 08 171.375 651 83	-7.852 924 94 -7.852 938 48	6.58 6.58	-128.62 -128.62	-6.69 -6.69	3.19 5.26	2.26 6.02	2.60 2.60	3.01 3.01	2.08 2.08	A	96		0.49	
11258-5936	1	F ND	A 55793 B 55793	9.282 12.435	0.026 0.451	10.040 9.281	0.028 0.023	9.281 9.281	0.023 0.023		171.461 325 17 171.456 138 01	-59.592 802 92 -59.596 223 82	6.05 6.05	-35.26 -35.26	30.83 30.83	1.87 75.21	1.77 71.56	2.25 2.25	2.04 2.04	1.74 1.74	A	217.5		15.52	
11267+6654	1	F CA	A 55839 B 55839	8.611 10.043	0.004 0.015						171.672 050 25 171.671 927 92	+6.895 725 66 +6.895 938 54	3.05 3.05	-27.21 -27.21	-8.23 -8.23	1.00 4.42	1.10 4.29	1.24 1.24	1.06 1.06	1.03 1.03	A	347.3		0.786	
11267-4708	1	F CA	A 55845 B 55845	9.446 9.785	0.008 0.011						171.686 676 35 171.686 863 88	-47.127 185 21 -47.127 200 38	0.12 0.12	-15.93 -15.93	-0.49 -0.49	2.07 3.24	1.91 4.23	2.09 2.09	1.71 1.71	1.62 1.62	A	97		0.463	
11268+0300	1	F ND	A 55846 B 55848	6.634 7.697	0.008 0.016	7.470 6.553	0.009 0.007	6.553 6.553	0.007 0.007		171.690 607 34 171.694 598 17	+3.012 659 89 +3.005 863 53	56.59 55.59	-726.28 -730.15	181.91 191.17	1.53 6.53	1.23 4.74	1.40 3.31	1.56 4.63	1.48 3.43	A	149.61	28.363	0.00	-0.010
11268-5043	1	F CA	A 55855 D 55850	8.836 9.310	0.009 0.011	8.822 9.885	0.009 0.017	8.789 9.280	0.011 0.016		171.711 877 73 171.700 982 23	-50.713 819 44 -50.710 138 20	-0.20 3.07	-10.70 -15.75	0.60 -17.78	2.06 3.68	2.28 4.24	2.66 3.33	2.10 2.57	2.33 2.85	A	298.08	28.152	-0.04	-0.004
11268-5310	1	F CA	A 55849 S 55849	6.515 6.832	0.076 0.102						171.697 106 97 171.697 098 83	-53.159 938 43 -53.159 978 99	5.22 5.22	-36.99 -46.24	18.63 14.26	2.65 3.45	5.88 6.50	0.63 0.63	1.55 2.00	1.18 1.50	A	187	0.147	+3	+0.005
11271+3546	1	F CB	A 55872 B 55872	9.083 11.417	0.093 0.801						171.785 270 54 171.785 340 89	+35.769 666 74 +35.769 636 76	3.28 3.28	-31.77 -31.77	2.40 2.40	9.24 65.28	6.79 56.60	1.87 1.87	2.28 2.28	1.76 1.76	A	118		0.23	
11272+5513	1	F CB	A 55882 B 55882	7.943 11.174	0.006 0.109	9.047 7.854	0.009 0.006	7.854 7.854	0.006 0.006		171.807 010 06 171.807 515 85	+55.219 640 18 +55.219 432 14	3.05 3.05	-44.34 -44.34	11.54 11.54	1.25 34.22	1.40 40.02	1.94 1.94	1.37 1.37	1.31 1.31	A	126		1.28	
11272-1539	1	F CA	A 55875 B 55875	8.361 8.760	0.010 0.015						171.794 906 39 171.794 769 49	-15.648 134 53 -15.648 119 44	28.23 28.23	-3.54 -4.49	-176.14 -234.57	2.63 5.00	1.91 4.21	2.05 2.05	2.03 4.89	2.04 6.39	A	277	0.478	-7	-0.006
11272-1604	1	F CA	A 55884 C 55884	11.466 11.853	0.142 0.203						171.811 195 91 171.811 257 08	-16.061 807 84 -16.061 788 56	17.76 17.76	-186.02 -186.02	-116.07 -116.07	15.89 29.61	12.68 31.79	3.15 3.15	2.82 2.82	1.80 1.80	A	72		0.22	
11273-0852	1	F CA	A 55890 B 55890	8.709 9.911	0.008 0.024	8.871 9.883	0.019 0.062	8.582 9.475	0.015 0.052		171.819 434 56 171.819 135 42	-8.868 961 00 -8.869 359 92	4.27 4.27	-47.56 -47.56	6.86 6.86	1.98 7.91	1.70 10.08	2.02 2.02	1.85 1.85	1.90 1.90	A	216.5		1.79	
11277+4618	1	F CA	A 55917 B 55917	8.033 10.360	0.005 0.039	8.521 11.054	0.010 0.069	7.959 10.128	0.010 0.047		171.914 387 20 171.915 839 38	+46.292 841 36 +46.294 768 66	13.68 13.68	14.50 14.50	-94.68 -94.68	1.20 11.43	0.95 9.43	1.25 1.25	1.30 1.30	0.92 0.92	A	27.5		7.82	
11279+4434	1	F CA	A 55944 B 55944	6.978 10.393	0.003 0.077	7.283 10.751	0.006 0.206	6.914 9.651	0.006 0.110		171.983 871 86 171.982 537 20	+44.565 844 64 +44.565 778 86	13.17 13.17	-137.89 -137.89	-6.40 -6.40	0.74 23.14	0.71 19.30	0.87 0.87	0.73 0.73	0.68 0.68	A	266.0		3.43	
11279-0142	1	F CA	A 55941 B 55941	6.624 8.217	0.059 0.254						171.973 888 86 171.973 830 25	-1.699 955 82 -1.699 942 35	6.25 6.25	-35.17 -35.17	3.09 3.09	7.04 18.68	2.50 11.73	1.06 1.06	1.22 1.22	0.74 0.74	A	283		0.22	
11279-2830	1	F CA	A 55948 B 55948	9.251 11.253	0.007 0.041	9.959 9.154	0.025 0.020	9.154 9.154	0.020 0.020		171.986 098 21 171.985 864 50	-28.492 978 70 -28.492 577 68	13.35 13.35	5.86 5.86	-14.07 -14.07	1.39 11.35	1.28 9.62	1.70 1.70	1.55 1.55	1.15 1.15	A	332.9		1.62	
11282+5540	1	F CB	A 55972 B 55972	7.779 11.515	0.005 0.140	7.950 7.710	0.005 0.005	7.710 7.710	0.005 0.005		172.047 827 80 172.047 824 82	+55.668 160 82 +55.668 569 28	7.73 7.73	3.50 3.50	-1.97 -1.97	0.88 30.12	1.01 51.39	1.49 1.49	1.08 1.08	1.03 1.03	A	360		1.47	
11282-3114	1	F CA	A 55968 B 55970	8.664 9.800	0.038 0.090	8.810 9.952	0.019 0.028	8.544 9.609	0.021 0.031		172.039 123 85 172.044 777 49	-31.236 548 82 -31.238 253 95	15.32 3.90	-32.25 -21.43	7.99 0.89	7.28 23.82	4.19 17.22	6.93 11.74	5.59 11.64	4.33 8.08	A	109.43	18.45	+0.01	+0.01
11283-7228	1	F CA	A 55979 B 55979	6.843 6.926	0.006 0.006						172.076 928 69 172.076 972 68	-72.473 968 62 -72.474 071 72	4.30 4.30	-25.85 -26.94	-3.45 0.93	1.33 1.33	1.31 1.39	0.81 0.81	0.87 0.93	0.87 0.95	B	172.7	0.374	+0.1	-0.004
11284-4546	1	F CA	A 55983 B 55983	8.007 10.234	0.004 0.029	8.841 10.107	0.008 0.046	7.964 9.594	0.008 0.042		172.106 541 53 172.106 641 51	-45.774 285 76 -45.774 895 53	2.45 2.45	-23.73 -23.73	12.30 12.30	0.87 6.45	1.01 8.92	1.25 1.25	0.90 0.90	0.97 0.97	A	173.5		2.21	
11285+3113	1	F CA	A 55997 B 55998	11.109 11.632	0.024 0.032	11.658 11.070	0.093 0.094	11.070 11.070	0.094 0.094		172.134 118 08 172.136 946 52	+31.220 241 10 +31.216 844 41	12.90 9.10	15.28 8.44	-7.53 -7.36	9.08 20.19	7.66 16.67	8.44 15.91	9.49 18.74	7.61 13.70	A	144.5	15.01	0.0	0.00
11285-6629	1	F ND	A 55986 B 55987	7.531 11.826	0.014 0.695	7.572 11.826	0.006 0.695	7.489 7.489	0.007 0.695		172.113 359 35 172.116 070 74	-66.489 268 60 -66.485 690 23	2.07 -24.79	-3.99 -38.33	-0.41 197.06	1.77 151.70	1.79 157.33	1.67 88.33	1.68 95.68	1.64 83.90	A	16.8	13.46	-0.4	+0.18
11286-4240	1	F CA	A 56000 B 56001	5.135 7.982	0.003 0.038	5.096 7.879	0.002 0.010	5.129 7.700	0.002 0.010		172.146 279 93 172.147 303 99	-42.674 218 01 -42.677 758 52	5.22 15.88	-34.61 -43.11	6.27 15.99	0.65 9.98	0.83 12.73	0.93 6.98	0.65 7.10	0.78 8.12	A	168.00	13.03	+0.03	-0.01
11286-4508	1	F CA	A 56004 B 56004	8.070 9.927	0.004 0.021						172.155 617 28 172.155 711 28	-45.140 904 18 -45.141 087 08	14.62 14.62	-38.38 -38.38	-24.46 -24.46	0.88 5.81	0.98 4.57	1.24 1.24	0.96 0.96	1.00 1.00	A	160.1		0.700	

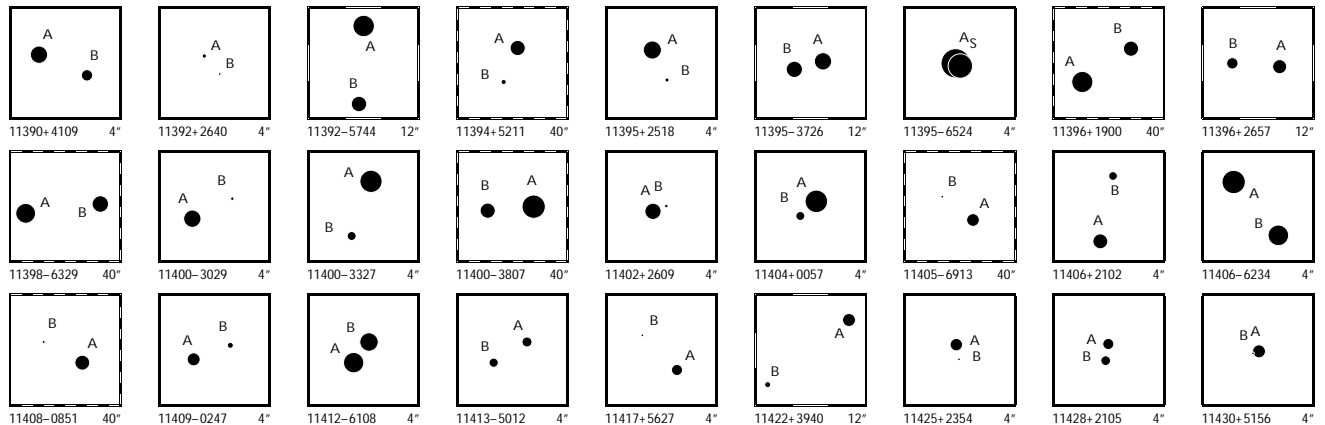


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11290+0106	1	F	A	56027	10.448	0.014						172.244 897 78	+1.093 854 15	10.32	-228.88	1.88	5.18	4.27	5.68	8.03	7.06	A	302	0.84		
			B	56027	11.017	0.024						172.244 698 73	+1.093 978 53	10.32	-228.88	1.88	9.71	6.93	5.68	8.03	7.06					
11290+1555	1	F	A	56030	9.053	0.016						172.256 058 77	+15.922 449 27	15.30	-100.50	-16.11	2.91	1.63	1.87	2.22	1.33	A	280	0.43		
			B	56030	11.655	0.070						172.255 937 43	+15.922 469 78	15.30	-100.50	-16.11	36.74	21.21	1.87	2.22	1.33					
11290+3920	1	F	A	56034	5.382	0.002	5.379	0.002	5.356	0.003		172.267 343 78	+39.336 942 35	15.59	-53.83	13.22	0.58	0.53	0.67	0.58	0.53	A	356.1	5.48		
			B	56034	9.008	0.059			10.670	0.330		172.267 209 35	+39.338 460 98	15.59	-53.83	13.22	12.38	12.16	0.67	0.58	0.53					
11290-2446	1	F	A	56025	9.020	0.006						172.244 367 59	-24.766 861 21	-0.17	-12.13	-6.59	1.79	1.98	2.08	1.79	1.77	A	194.9	0.541		
			B	56025	9.450	0.008						172.244 325 14	-24.767 006 50	-0.17	-12.13	-6.59	3.41	3.31	2.08	1.79	1.77					
11292+0606	1	F	A	56048	9.917	0.011						172.306 621 37	+6.098 336 48	1.92	-4.33	-19.56	2.38	2.14	2.22	2.49	2.37	A	143.3	0.95		
			B	56048	10.926	0.027						172.306 780 80	+6.098 123 97	1.92	-4.33	-19.56	8.37	5.86	2.22	2.49	2.37					
11293+3025	1	F	A	56054	7.351	0.003						172.328 383 55	+30.424 871 52	15.59	32.20	-136.88	0.95	0.74	1.01	0.97	0.82	A	297	1.00		
			B	56054	10.427	0.046						172.328 095 46	+30.424 995 76	15.59	32.20	-136.88	12.10	9.77	1.01	0.97	0.82					
11297-2121	1	F	A	56084	8.072	0.004	8.510	0.009	8.002	0.009		172.432 605 99	-21.342 110 62	6.46	-0.32	-27.87	0.93	0.88	1.21	0.91	0.82	A	107.6	4.65		
			B	56084	11.836	0.135						172.433 927 17	-21.342 501 08	6.46	-0.32	-27.87	30.86	25.00	1.21	0.91	0.82					
11297-2428	1	F	A	56078	5.850	0.004	5.866	0.004	5.824	0.003		172.411 032 68	-24.464 058 31	8.08	-49.69	19.40	0.74	0.70	0.87	0.75	0.65	A	81.6	8.18		
			B	56078	9.157	0.076	9.127	0.024	8.600	0.024		172.413 503 70	-24.463 725 94	8.08	-49.69	19.40	14.11	13.49	0.87	0.75	0.65					
11299-5519	1	F	A	56095	7.950	0.005	9.623	0.018	7.932	0.009		172.478 985 47	-55.318 777 50	2.15	-8.24	-4.80	0.93	0.93	1.12	1.03	1.11	A	286	1.67		
			B	56095	11.016	0.088						172.478 201 53	-55.318 653 31	2.15	-8.24	-4.80	18.32	21.51	1.12	1.03	1.11					
11300+0312	1	F	A	56102	8.383	0.006	8.839	0.018	8.320	0.017		172.495 146 81	+3.205 206 06	11.77	-48.44	-36.44	1.31	1.01	1.36	1.52	1.04	A	10.5	4.38		
			B	56102	10.833	0.050	11.392	0.279	11.025	0.295		172.495 367 68	+3.206 401 44	11.77	-48.44	-36.44	18.06	12.21	1.36	1.52	1.04					
11301+6808	1	F	A	56110	8.243	0.004						172.522 550 23	+68.127 176 87	7.09	-28.07	-19.79	0.82	0.83	1.01	0.88	0.78	A	187	0.64		
			B	56110	12.190	0.149						172.522 489 99	+68.127 001 27	7.09	-28.07	-19.79	43.81	39.34	1.01	0.88	0.78					
11302-4939	1	F	A	56116	8.515	0.005	8.826	0.010	8.364	0.009		172.547 317 90	-49.648 963 38	9.89	-13.63	-40.93	1.15	1.26	1.74	1.32	1.67	A	302.5	1.755		
			B	56116	9.419	0.011	9.570	0.021	9.115	0.019		172.546 682 79	-49.648 701 49	9.89	-13.63	-40.93	3.87	4.36	1.74	1.32	1.67					
11302-8406	1	F	A	56114	8.347	0.005	8.398	0.009	8.289	0.011		172.545 577 01	-84.095 628 09	3.24	-7.25	-2.44	1.12	0.95	1.01	1.29	0.93	A	32.8	1.95		
			B	56114	10.770	0.042						172.548 434 08	-84.095 172 10	3.24	-7.25	-2.44	10.91	9.91	1.01	1.29	0.93					
11303+8102	1	I	A	56123	8.530	0.015	9.006	0.012	8.434	0.011		172.574 873 01	+81.037 236 15	9.32	32.68	28.45	1.63	1.55	1.45	1.67	1.48	A	312.73	19.39	-0.01	0.00
			B	56118	9.991	0.046	10.572	0.042	9.771	0.032		172.549 473 72	+81.040 889 70	2.61	30.75	26.36	16.44	15.95	6.55	7.39	6.74					
11308+4117	1	L	A	56165	7.622	0.009						172.707 651 56	+41.287 108 42	12.77	93.33	-96.27	1.57	1.68	1.39	1.13	1.27	A	147.1	0.423	+1.8	+0.012
			B	56165	8.018	0.013						172.707 736 56	+41.287 009 70	12.77	88.84	-113.34	3.45	2.90	1.39	1.81	1.74					
11308-5849	1	F	A	56163	8.031	0.015						172.692 941 42	-58.811 537 59	5.72	5.70	0.13	2.62	2.03	1.05	0.92	0.85	A	266	0.30		
			B	56163	9.588	0.062						172.692 781 56	-58.811 543 57	5.72	5.70	0.13	8.90	9.47	1.05	0.92	0.85					
11309-0643	1	F	A	56166	7.754	0.005	8.164	0.013	7.672	0.013		172.712 494 80	-6.719 012 84	10.43	35.31	-2.60	1.34	1.13	1.37	1.35	1.17	A	330.9	9.77		
			B	56166	10.220	0.050	10.534	0.068	9.930	0.065		172.711 163 78	-6.716 642 44	10.43	35.31	-2.60	12.12	11.20	1.37	1.35	1.17					
11309-2012	1	F	A	56179	7.970	0.003	8.399	0.009	7.907	0.009		172.734 887 30	-20.199 956 77	15.02	-69.18	-38.32	0.96	0.82	1.13	1.04	0.83	A	30.1	9.41		
			B	56179	11.525	0.082						172.736 286 05	-20.197 695 28	15.02	-69.18	-38.32	38.87	21.99	1.13	1.04	0.83					
11309-6019	1	F	A	56167	7.786	0.066						172.714 546 73	-60.318 087 82	0.97	-10.40	1.89	2.98	5.92	0.75	0.67	0.69	A	7	0.178		
			B	56167	8.272	0.103						172.714 558 60	-60.318 038 60	0.97	-10.40	1.89	4.55	8.22	0.75	0.67	0.69					
11311+6617	1	F	A	56192	9.169	0.540						172.781 059 17	+66.287 741 83	1.68	1.41	-9.20	30.48	13.52	0.88	0.69	0.62	A	291	0.10		
			B	56192	9.423	0.682						172.780 992 83	+66.287 752 09	1.68	1.41	-9.20	22.40	22.91	0.88	0.69	0.62					
11313+5942	1	I	A	56202	7.384	0.012	7.590	0.006	7.334	0.008		172.827 337 54	+59.700 905 98	3.87	5.63	1.71	1.68	1.74	1.95	1.83	1.67	A	90.60	12.27	+0.01	0.00
			B	56205	8.253	0.025	8.327	0.008	8.156	0.010		172.834 090 10	+59.700 870 21	8.52	7.47	0.17	6.64	6.96	5.27	5.04	4.43					
11317+0752	1	F	A	56234	7.977	0.005	8.922	0.017	7.925	0.012		172.916 474 24	+7.863 559 14	9.48	-62.75	-6.19	1.28	0.96	1.39	1.44	1.19	A	174	3.05		
			B	56234	11.488	0.088						172.916 556 52	+7.862 714 87	9.48	-62.75	-6.19	40.41	21.63	1.39	1.44	1.19					
11317+1422	1	F	A	56242	6.394	0.007	6.965	0.006	6.328	0.007		172.938 094 02	+14.364 963 70	43.42	-327.88	-188.71	1.28	0.81	1.10	1.32	0.87	A	329.8	15.48		
			B	56242	9.176	0.081	10.513	0.073	9.135	0.036		172.935 862 19	+14.													

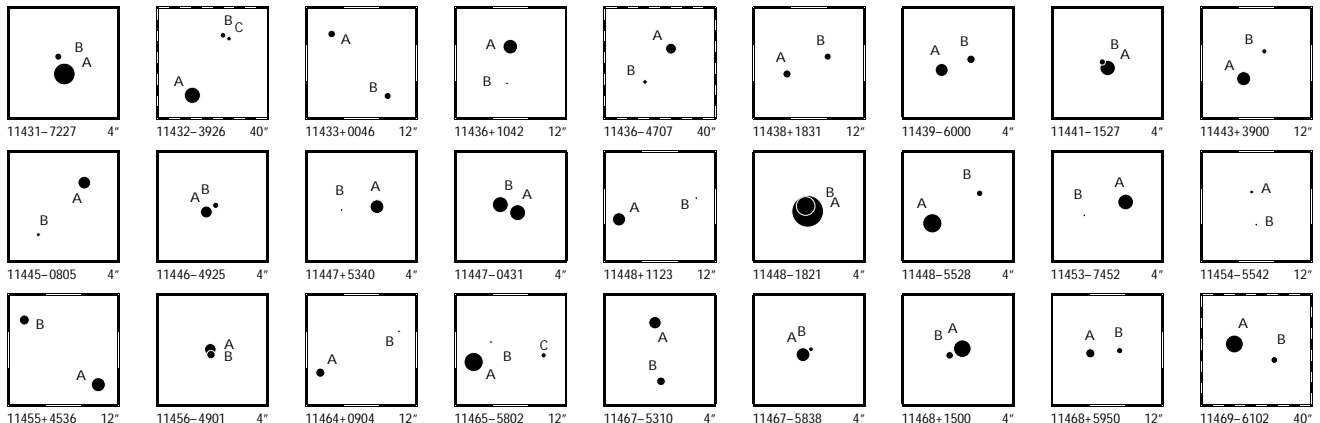
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
11361+1251	1	FCA	A 56589 S 56589	9.442 0.144 9.630 0.172						174.028 238 34 174.028 232 84	+12.855 256 40 +12.855 211 33	10.57 10.57	-89.63 -89.63	10.34 10.34	6.80 12.40 1.21 1.84 1.07 7.96 12.09 1.21 1.84 1.07	A 187	0.16										
11362+6621	1	FCA	A 56599 B 56599	8.009 0.003 11.328 0.067	8.410 0.009	7.954 0.008				174.061 041 62 174.060 602 39	+66.345 124 79 +66.344 601 69	7.89 7.89	26.19 26.19	42.07 42.07	0.81 0.78 0.96 0.85 0.74 24.33 16.48 0.96 0.85 0.74	A 199	1.99										
11363+2747	1	LCA	A 56601 B 56601	6.525 0.004 6.738 0.005						174.074 753 83 174.074 870 83	+27.781 302 14 +27.781 151 36	13.92 13.92	19.72 23.18	20.04 12.46	1.64 1.73 1.48 1.68 1.79 2.51 2.23 1.48 2.41 2.02	A 145.5	0.658	+0.1	+0.008								
11365+2502	1	FCA	A 56613 B 56613	7.228 0.026 9.259 0.172						174.118 810 43 174.118 808 40	+25.029 795 40 +25.029 855 13	4.13 4.13	24.18 24.18	-1.62 -1.62	3.02 3.39 1.14 1.49 0.92 21.09 14.24 1.14 1.49 0.92	A 358	0.22										
11366+5608	1	LCA	A 56622 B 56622	7.827 0.005 8.350 0.007	8.457 0.009 9.075 0.012	7.721 0.009 8.218 0.010				174.149 501 97 174.150 230 83	+56.135 574 59 +56.133 927 23	22.92 22.92	-178.35 -179.09	-92.25 -109.06	1.09 1.10 1.36 1.06 0.98 2.62 3.27 1.36 1.66 1.76	A 166.15	6.108	+0.04	+0.016								
11366-3334	1	FCA	A 56620 B 56620	6.049 0.003 7.951 0.015	7.208 0.008 8.784 0.046	5.984 0.005 7.773 0.034				174.145 518 17 174.144 530 69	-33.569 974 76 -33.570 434 72	9.25 9.25	29.35 29.35	-33.95 -33.95	0.81 0.70 0.95 0.86 0.63 5.65 4.88 0.95 0.86 0.63	A 240.8	3.39										
11366-6054	1	FCA	A 56617 B 56617	8.133 0.007 9.127 0.017	8.093 0.014 9.058 0.026	8.115 0.017 8.989 0.029				174.141 944 13 174.142 017 52	-60.894 597 73 -60.894 718 34	3.68 3.68	-14.38 -14.38	-1.48 -1.48	1.28 1.40 1.59 1.40 1.45 4.74 4.33 1.59 1.40 1.45	A 3.9	1.896										
11368-1221	1	LCA	A 56641 B 56641	9.649 0.006 9.876 0.007						174.207 675 95 174.207 821 34	-12.350 532 24 -12.350 758 48	20.45 20.45	13.57 10.41	-44.18 -57.88	3.24 2.67 2.88 2.21 1.85 9.13 4.59 2.88 4.31 2.45	A 147.9	0.962	+0.6	+0.010								
11370+5700	1	FCB	A 56653 S 56653	8.885 0.007 12.136 0.142						174.248 525 86 174.248 806 97	+56.995 651 97 +56.995 718 44	1.83 1.83	-19.57 -19.57	1.71 1.71	1.33 1.35 1.59 1.13 1.27 27.66 35.14 1.59 1.13 1.27	A 67	0.60										
11371-4942	1	FCA	A 56667 S 56667	10.172 0.087 10.348 0.102						174.286 965 60 174.287 008 76	-49.696 815 20 -49.696 746 34	1.33 1.33	-12.22 -12.22	-24.59 -24.59	5.52 11.28 2.09 1.26 1.85 7.90 13.68 2.09 1.26 1.85	A 22	0.27										
11372-6940	1	FCB	A 56673 B 56673	6.837 0.068 9.626 0.888						174.311 325 32 174.311 228 21	-69.674 219 94 -69.674 193 91	9.87 9.87	-35.13 -35.13	0.78 0.78	4.93 4.40 0.59 0.55 0.50 36.48 46.82 0.59 0.55 0.50	A 308	0.15										
11374+4728	1	LCA	A 56685 B 56685	10.778 0.015 11.045 0.018	11.992 0.124	10.465 0.051				174.352 043 25 174.352 613 89	+47.462 526 04 +47.462 475 50	27.67 27.67	99.92 81.64	-19.67 -49.23	3.86 3.71 4.29 3.52 3.62 8.79 6.89 4.29 6.16 6.46	A 97.5	1.40	+1.3	-0.01								
11376-1656	1	LCA	A 56705 B 56705	9.194 0.015 10.198 0.030	9.379 0.017 10.434 0.042	9.145 0.020 9.933 0.040				174.395 214 98 174.395 093 79	-16.930 704 05 -16.926 934 27	11.47 -3.53	-60.40 -61.60	-2.96 0.16	4.19 2.81 3.84 3.78 2.71 14.72 9.34 10.62 9.77 7.05	A 358.24	13.58	0.00	0.00								
11376-5322	1	FCA	A 56707 B 56707	8.966 0.008 12.046 0.127	9.529 0.016	8.877 0.014				174.401 199 53 174.402 157 70	-53.369 490 51 -53.369 646 81	13.65 13.65	-38.72 -38.72	-36.23 -36.23	1.41 1.39 1.91 1.81 1.72 37.45 36.34 1.91 1.81 1.72	A 105	2.13										
11379+4949	1	FCA	A 56730 B 56730	8.351 0.007 9.436 0.019						174.466 482 44 174.466 623 79	+49.809 288 07 +49.809 243 30	6.90 6.90	1.32 1.32	-41.02 -41.02	1.30 1.34 1.33 0.94 0.89 3.54 4.21 1.33 0.94 0.89	A 116	0.366										
11381+3246	1	FCA	A 56753 S 56753	10.936 0.014 12.388 0.048	11.413 0.071	10.934 0.075				174.528 577 36 174.527 187 78	+32.771 630 81 +32.774 276 61	5.68 5.68	-0.99 -0.99	-7.55 -7.55	3.40 2.81 3.45 3.35 3.33 18.48 14.35 3.45 3.35 3.33	A 336.2	10.41										
11381-6539	1	FCA	A 56743 B 56743	7.502 0.005 10.431 0.063						174.515 882 82 174.515 616 19	-65.655 867 68 -65.655 822 79	2.35 2.35	-10.77 -10.77	-3.04 -3.04	0.94 0.85 0.81 0.78 0.74 11.29 12.68 0.81 0.78 0.74	A 292	0.43										
11382-6312	1	FCB	A 56757 C 56757	7.330 0.009 10.693 0.183	7.330 0.006	7.332 0.008				174.541 334 57 174.538 059 78	+32.196 839 14 -63.200 248 20	-0.19 -0.19	-4.12 -4.12	1.69 1.69	0.89 0.96 1.10 1.09 0.95 39.84 37.28 1.10 1.09 0.95	A 203.4	13.37										
11383+3845	1	FCA	A 56768 B 56768	8.959 0.007 11.862 0.092	9.077 0.012	8.905 0.014				174.580 712 05 174.579 894 63	+38.754 673 04 +38.756 535 51	4.30 4.30	-5.48 -5.48	6.27 6.27	1.34 1.32 1.72 1.36 1.29 20.17 23.39 1.72 1.36 1.29	A 341.1	7.09										
11383-6039	1	FCC	A 56771 B 56771	7.922 0.108 10.134 0.827						174.587 409 10 174.587 347 65	-60.654 113 25 -60.654 162 13	-0.47 -0.47	-6.54 -6.54	1.98 1.98	8.38 9.90 1.26 1.18 1.11 52.57 70.40 1.26 1.18 1.11	A 212	0.21										
11383-6322	1	FCB	A 56769 B 56769 C 56769	7.104 0.019 7.422 0.023 10.296 0.277						174.584 876 08 174.585 086 79 174.584 990 47	-63.372 750 81 -63.372 789 57 -63.372 297 94	-1.44 -1.44 -1.44	-6.24 -6.24 -6.24	1.49 1.49 1.49	1.57 1.35 1.42 1.50 1.22 6.43 6.27 1.42 1.50 1.22 24.08 23.85 1.42 1.50 1.22	A 112 A 6	0.37 1.64										
11384-0226	1	FCA	A 56775 B 56775	6.450 0.004 9.662 0.072	7.753 0.011 10.125 0.100	6.398 0.007 9.430 0.090				174.600 378 90 174.599 006 27	-2.435 937 88 -2.435 703 02	8.73 8.73	-38.96 -38.96	15.06 15.06	1.01 0.71 1.00 1.03 0.67 22.92 17.25 1.00 1.03 0.67	A 279.7	5.01										
11385+4405	1	FND	A 56788 B 56788	9.832 0.008 12.736 0.117	10.286 0.022	9.770 0.021				174.636 917 16 174.634 680 50	+44.089 472 18 +44.089 171 66	5.23 5.23	-20.18 -20.18	-8.84 -8.84	1.45 1.22 1.86 1.60 1.08 32.99 23.86 1.86 1.60 1.08	A 259.4	5.88										
11386-6659	1	FCA	A 56790 B 56790	9.659 0.010 11.300 0.044						174.642 551 77 174.642 798 61	-66.984 389 32 -66.984 449 78	4.99 4.99	3.49 3.49	-10.14 -10.14	1.99 1.77 1.60 1.55 1.45 9.88 9.34 1.60 1.55 1.45	A 122	0.41										
11387+4506	1	LCA	A 56809 B 56809	6.582 0.002 8.525 0.014	7.140 0.005 9.429 0.018	6.501 0.006 8.367 0.013				174.689 132 16 174.685 731 30	+45.108 379 59 +45.107 483 24	42.94 42.94	-593.87 -570.89	14.80 -1.23	0.81 0.65 0.95 0.68 0.52 4.70 3.30 0.95 2.67 1.90	A 249.52	9.224	-0.14	-0.016								
11388+6421	1	LCA	A 56816 B 56816	6.845 0.002 8.069 0.007	6.940 0.008 8.015 0.012	6.771 0.008 7.881 0.010				174.704 669 71 174.703 906 43	+64.346 962 98 +64.347 406 18	5.09 5.09	12.47 16.40	1.05 3.95	0.63 0.71 0.77 0.57 0.58 2.33 2.10 0.77 1.30 1.16	A 323.29	1.990	+0.14	0.000								
11389-7053	1	FCA	A 56822 B 56822	8.856 0.006 9.174 0.008						174.721 515 41 174.721 261 69	-70.883 775 35 -70.883 656 80	0.68 0.68	-9.22 -9.22	-0.76 -0.76	1.55 1.57 1.52 1.47 1.42 2.90 2.78 1.52 1.47 1.42	A 325.0	0.521										



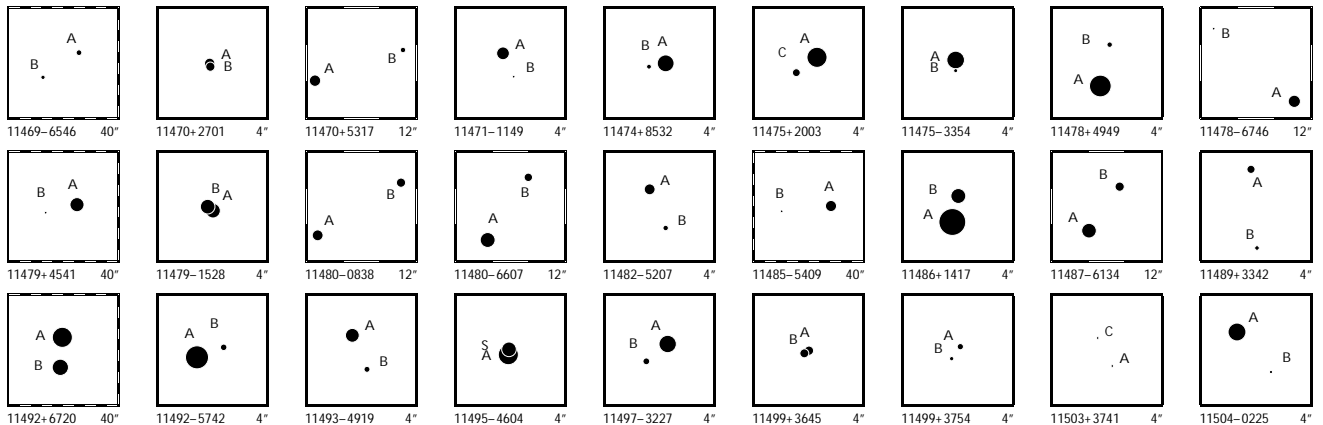
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^*	δ	π	μ_{α^*}	μ_{δ}	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11390+4109	1	F CA	A 56827 B 56827	8.168 0.005 9.471 0.015	8.558 0.013 9.869 0.042	8.054 0.015 9.164 0.030	174.738 702 68 174.738 045 30	+41.143 104 82 +41.142 891 49	13.59 13.59	-81.64 -81.64	-35.44 -35.44	1.26 1.29 1.61 1.24 1.17 4.57 5.99 1.61 1.24 1.17	A 246.7 1.941												
11392+2640	1	F CB	A 56843 B 56843	11.019 0.016 13.015 0.097			174.807 865 51 174.807 688 12	+26.660 663 92 -26.660 476 07	-1.20 -1.20	-35.43 -35.43	28.40 28.40	4.91 3.12 3.50 5.16 3.10 41.53 27.51 3.50 5.16 3.10	A 220 0.88												
11392-5744	1	F CA	A 56841 B 56841	7.258 0.005 8.575 0.016	7.196 0.006 8.456 0.011	7.217 0.008 8.507 0.015	174.794 487 84 174.794 763 89	-57.739 527 75 -57.741 917 31	2.81 2.81	-16.86 -16.86	0.43 0.43	0.91 0.93 1.12 1.03 1.04 4.52 4.34 1.12 1.03 1.04	A 176.47 8.619												
11394+5211	1	I CA	A 56854 B 56855	8.620 0.006 10.830 0.038	9.151 0.012 11.391 0.072	8.568 0.011 10.592 0.056	174.848 455 69 174.850 843 21	+52.187 565 52 +52.184 051 20	10.94 27.03	-77.81 -75.46	18.85 28.08	1.77 1.57 1.99 1.81 1.71 15.91 13.42 13.13 14.55 12.12	A 157.4 13.71 0.0 -0.01												
11395+2518	1	F CB	A 56860 B 56860	7.996 0.011 11.110 0.196	8.540 0.014	7.909 0.013	174.869 176 17 174.869 015 24	+25.301 615 34 +25.301 306 28	14.66 14.66	-88.07 -88.07	-44.49 -44.49	1.81 1.49 1.83 2.21 1.50 35.49 42.46 1.83 2.21 1.50	A 205 1.23												
11395-3726	1	F CA	A 56863 B 56863	8.177 0.006 8.408 0.008	8.653 0.015	8.142 0.015	174.872 771 62 174.873 891 35	-37.431 434 70 -37.431 698 30	13.86 13.86	-58.09 -58.09	-5.75 -5.75	2.07 1.79 2.44 2.06 1.64 3.28 3.30 2.44 2.06 1.64	A 106.5 3.339												
11395-6524	1	L CA	A 56862 S 56862	5.519 0.019 6.608 0.051			174.873 505 93 174.873 375 16	-65.397 741 92 -65.397 767 92	5.81 5.81	-30.47 -23.19	-11.44 5.08	1.79 1.42 0.64 0.84 0.87 5.10 4.51 0.64 2.09 2.20	A 244 0.217 +3 -0.014												
11396+1900	1	I CA	A 56875 B 56872	7.333 0.041 8.628 0.107	7.699 0.009 8.938 0.047	7.237 0.009 8.441 0.046	174.902 211 32 174.896 921 45	+18.996 746 89 +19.000 144 85	5.28 7.85	-51.20 -36.22	-4.97 9.92	2.59 1.84 2.17 2.39 1.88 33.00 26.98 10.31 20.38 20.48	A 304.2 21.77 +0.1 0.00												
11396+2657	1	F CA	A 56878 B 56878	8.854 0.011 9.462 0.017	9.997 0.051 9.486 0.032	8.725 0.028 9.306 0.039	174.907 688 09 174.909 320 04	+26.956 593 25 +26.956 681 75	2.37 2.37	0.03 0.03	-3.11 -3.11	2.83 2.23 2.43 2.71 2.07 6.24 4.62 2.43 2.71 2.07	A 86.5 5.25												
11398-6329	1	I CB	A 56897 B 56890	7.607 0.006 8.338 0.010	7.605 0.008 8.371 0.013	7.583 0.010 8.330 0.017	174.958 184 50 174.941 026 04	-63.478 764 57 -63.477 812 52	-1.39 -0.70	-3.84 -4.60	0.18 0.87	2.06 2.21 2.10 2.35 2.07 3.68 4.00 2.86 3.28 2.88	A 277.08 27.795 0.00 +0.001												
11400-3029	1	F CB	A 56912 B 56912	8.140 0.008 11.248 0.142	9.159 0.014	8.034 0.010	175.003 999 50 175.003 531 48	-30.479 983 56 -30.479 785 18	7.71 7.71	-68.91 -68.91	-12.43 -12.43	1.39 1.09 1.44 1.44 0.93 37.96 19.33 1.44 1.44 0.93	A 296 1.62												
11400-3327	1	F CA	A 56908 B 56908	7.078 0.004 10.041 0.057	8.304 0.014	7.016 0.007	174.987 767 59 174.987 998 77	-33.449 841 33 -33.450 409 35	6.87 6.87	-48.39 -48.39	-26.62 -26.62	0.81 0.72 0.96 0.92 0.62 11.34 10.36 0.96 0.92 0.62	A 161.2 2.16												
11400-3807	1	I CA	A 56909 B 56910	6.813 0.017 8.623 0.080	7.845 0.010 9.067 0.020	6.723 0.007 8.601 0.020	174.993 906 57 174.999 910 96	-38.108 315 30 -38.108 717 94	7.57 8.84	-52.36 -63.55	-19.93 -14.47	1.72 1.73 1.73 1.65 1.61 22.80 15.33 8.99 13.02 11.42	A 94.87 17.07 -0.02 -0.01												
11402+2609	1	F CA	A 56921 B 56921	8.397 0.010 11.237 0.136			175.052 534 54 175.052 380 52	+26.153 542 57 +26.153 593 56	7.43 7.43	64.72 64.72	-21.40 -21.40	2.34 1.50 1.56 2.32 1.38 26.42 15.88 1.56 2.32 1.38	A 290 0.53												
11404+0057	1	F CA	A 56941 B 56941	6.998 0.004 10.038 0.069			175.100 329 52 175.100 491 54	+0.952 177 74 +0.952 035 68	9.68 9.68	1.67 1.67	-5.63 -5.63	1.28 0.92 1.30 1.45 1.00 26.52 13.61 1.30 1.45 1.00	A 131 0.78												
11405-6913	1	F CA	A 56956 B 56956	9.175 0.009 11.847 0.090	9.185 0.013 12.263 0.257	9.113 0.016 11.398 0.204	175.134 670 21 175.143 655 74	-69.215 206 18 -69.212 873 47	0.59 0.59	-10.90 -10.90	1.92 1.92	1.23 1.19 1.35 1.38 1.19 31.01 27.03 1.35 1.38 1.19	A 53.8 14.22												
11406+2102	1	F CA	A 56964 B 56964	8.720 0.009 10.083 0.032	9.666 0.033 10.181 0.049	8.658 0.023 9.593 0.042	175.161 186 80 175.161 046 86	+21.036 360 92 +21.037 030 68	3.93 3.93	-10.57 -10.57	-19.64 -19.64	2.33 2.09 1.81 2.05 1.30 10.08 14.37 1.81 2.05 1.30	A 349.0 2.46												
11406-6234	1	F CA	A 56961 B 56961	6.869 0.006 7.423 0.009	6.813 0.008 7.352 0.014	6.839 0.007 7.333 0.014	175.154 210 34 175.153 216 36	-62.568 103 42 -62.568 652 42	1.16 1.16	-5.73 -5.73	0.61 0.61	0.95 1.00 1.12 1.12 0.93 2.82 3.63 1.12 1.12 0.93	A 219.8 2.574												
11408-0851	1	F CB	A 56977 B 56977	8.724 0.014 11.339 0.142	10.450 0.049	8.726 0.020	175.203 030 55 175.207 033 88	-8.846 724 10 -8.844 616 14	1.61 1.61	-38.19 -38.19	-2.73 -2.73	2.03 1.51 2.11 1.91 1.27 44.85 42.12 2.11 1.91 1.27	A 61.9 16.14												
11409-0247	1	F CA	A 56989 B 56989	9.146 0.007 10.653 0.027	9.515 0.028	8.948 0.026	175.234 471 78 175.234 092 09	-2.779 503 64 -2.779 358 14	11.72 11.72	33.96 33.96	5.94 5.94	1.74 1.49 1.90 1.73 1.53 11.11 6.82 1.90 1.73 1.53	A 291.0 1.46												
11412-6108	1	F CA	A 57004 B 57004	7.507 0.007 7.894 0.009			175.293 945 46 175.293 613 94	-61.140 997 70 -61.140 779 04	3.50 3.50	-38.99 -38.99	-28.06 -28.06	1.16 1.16 1.34 1.25 1.15 2.49 2.32 1.34 1.25 1.15	A 323.8 0.975												
11413-5012	1	F CA	A 57010 B 57010	9.784 0.012 9.942 0.014	9.923 0.021	9.433 0.021	175.327 042 36 175.327 572 61	-50.203 354 80 -50.203 557 21	4.36 4.36	-51.60 -51.60	12.19 12.19	1.97 2.43 3.03 1.85 2.32 4.08 4.99 3.03 1.85 2.32	A 120.8 1.42												
11417+5627	1	F CA	A 57044 B 57044	9.510 0.007 11.607 0.050	10.093 0.020	9.413 0.016	175.429 576 29 175.430 226 89	+56.453 530 81 +56.453 887 76	8.79 8.79	-67.66 -67.66	-4.76 -4.76	1.32 1.39 1.88 1.39 1.30 10.61 12.02 1.88 1.39 1.30	A 45.2 1.82												
11422+3940	1	I CA	A 57090 B 57091	9.142 0.009 10.689 0.029	9.887 0.050 11.443 0.087	9.092 0.040 10.251 0.046	175.557 165 28 175.560 428 05	+39.659 792 17 +39.657 799 48	11.83 4.70	21.14 31.42	-61.76 -66.02	2.29 2.76 2.78 2.21 2.47 9.84 13.27 10.30 7.34 8.84	A 128.42 11.54 -0.02 +0.01												
11425+2354	1	F CA	A 57112 B 57112	9.266 0.008 11.657 0.059			175.626 350 23 175.626 321 54	+23.906 359 12 +23.906 199 35	23.43 23.43	63.14 63.14	87.61 87.61	1.90 1.68 1.84 2.17 1.54 18.18 14.07 1.84 2.17 1.54	A 189 0.58												
11428+2105	1	F CA	A 57134 B 57134	9.516 0.008 9.851 0.011			175.712 203 08 175.712 235 18	+21.080 483 07 +21.080 311 87	2.70 2.70	56.68 56.68	-31.12 -31.12	4.41 5.66 3.97 4.50 5.51 8.04 6.88 3.97 4.50 5.51	A 170 0.626												
11430+5156	1	F CB	A 57140 B 57140	9.128 0.047 11.464 0.404			175.759 408 92 175.759 512 31	+51.926 664 07 +51.926 640 83	4.33 4.33	7.11 7.11	11.88 11.88	8.02 4.31 1.58 1.38 1.15 45.98 29.52 1.58 1.38 1.15	A 110 0.24												



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11431-7227	1	FCA	A 57143 B 57143	7.183 0.003 10.419 0.050				175.782 222 09 175.782 462 75	-72.445 538 63 -72.445 363 01	3.47 3.47	-9.46 -9.46	-0.71 -0.71	0.58 0.63 0.65 0.60 0.66 12.82 10.20 0.65 0.60 0.66	A 22 0.68												
11432-3926	1	FND	X A 57148 B 57146 C 57146	8.428 0.031 10.715 0.150 10.971 0.187	9.052 0.016 10.725 0.178 10.522 0.066	8.358 0.014 9.789 0.056 9.752 0.043		175.804 225 73 175.800 157 65 175.799 295 63	-39.438 952 26 -39.432 793 22 -39.433 198 44	16.70 16.70 16.70	-182.96 -182.96 -182.96	60.92 60.92 60.92	1.39 1.56 1.97 1.33 1.56 20.23 23.19 1.97 1.33 1.56 24.93 29.40 1.97 1.33 1.56	A 332.97 24.89 B 239 2.81												
11433+0046	1	FCB	A 57152 B 57152	10.322 0.027 10.450 0.031	10.820 0.070 10.844 0.073	10.312 0.071 10.277 0.069		175.821 004 45 175.819 268 16	+0.763 039 29 +0.761 146 30	7.02 7.02	-16.33 -16.33	-3.26 -3.26	4.46 3.84 4.67 4.92 3.96 10.32 9.02 4.67 4.92 3.96	A 222.5 9.25												
11436+1042	1	FCB	A 57183 B 57183	8.744 0.012 11.591 0.154	9.087 0.021	8.690 0.021		175.896 433 10 175.896 514 22	+10.694 586 37 +10.693 490 43	7.02 7.02	-32.74 -32.74	-17.75 -17.75	1.95 1.68 2.02 2.32 1.83 40.12 26.91 2.02 2.32 1.83	A 176 3.96												
11436-4707	1	ICA	A 57186 B 57190	9.577 0.016 10.978 0.034	10.011 0.020 11.498 0.074	9.498 0.019 10.688 0.057		175.899 900 92 175.903 762 51	-47.110 463 63 -47.113 915 16	5.31 -0.20	28.02 27.56	-0.53 -17.63	2.95 3.19 3.76 2.65 3.07 20.61 22.02 10.57 12.80 14.69	A 142.7 15.62 0.0 +0.01												
11438+1831	1	FCA	A 57202 B 57202	10.228 0.012 10.456 0.015	11.261 0.068 11.364 0.078	9.899 0.032 10.064 0.038		175.948 880 47 175.947 550 18	+18.522 407 18 +18.522 927 82	22.95 22.95	-151.45 -151.45	10.23 10.23	3.51 2.75 3.92 3.63 3.34 7.58 4.70 3.92 3.63 3.34	A 292.4 4.91												
11439-6000	1	LCA	A 57212 B 57212	9.117 0.009 10.144 0.022	9.440 0.017	8.944 0.017		175.977 230 48 175.976 630 37	-60.007 093 93 -60.006 987 19	5.93 5.93	-34.88 -27.48	-13.00 -27.02	1.70 1.73 1.89 1.49 1.33 8.36 5.09 1.89 8.22 4.36	A 289.6 1.15 -0.5 -0.01												
11441-1527	1	FCA	A 57231 B 57231	8.571 0.015 10.598 0.098				176.017 016 48 176.017 074 98	-15.455 810 71 -15.455 749 53	2.13 2.13	8.32 8.32	-0.99 -0.99	2.78 2.46 1.46 1.17 0.76 13.26 11.43 1.46 1.17 0.76	A 43 0.30												
11443+3900	1	FCA	A 57245 B 57245	8.852 0.006 10.864 0.030	9.149 0.012 10.930 0.123	8.780 0.013 10.588 0.146		176.076 778 63 176.075 958 09	+39.006 833 24 +39.007 668 45	3.32 3.32	1.18 1.18	-5.51 -5.51	1.48 1.88 2.30 1.56 1.51 8.86 18.32 2.30 1.56 1.51	A 322.6 3.78												
11445-0805	1	FCA	A 57256 B 57256	9.190 0.006 11.099 0.034	9.791 0.016	9.097 0.014		176.118 197 98 176.118 666 69	-8.088 015 18 -8.088 553 46	7.45 7.45	-55.95 -55.95	-30.41 -30.41	1.97 1.18 1.98 1.91 1.03 12.75 10.17 1.98 1.91 1.03	A 139.2 2.56												
11446-4925	1	FCA	A 57269 B 57269	9.346 0.009 10.638 0.029				176.160 776 51 176.160 628 08	-49.417 319 69 -49.417 250 15	20.55 20.55	-137.21 -137.21	-47.71 -47.71	1.73 1.94 2.38 1.60 1.71 6.33 7.73 2.38 1.60 1.71	A 306 0.43												
11447+5340	1	FND	D A 57272 B 57272	8.932 0.008 12.387 0.182	9.713 0.014	8.854 0.011		176.165 995 60 176.166 600 42	+53.663 651 34 +53.663 612 78	4.58 4.58	-20.65 -20.65	-5.25 -5.25	1.17 1.26 1.72 1.34 1.17 45.11 38.82 1.72 1.34 1.17	A 96 1.30												
11447-0431	1	FCA	A 57275 B 57275	8.474 0.006 8.489 0.006				176.173 144 07 176.173 328 18	-4.510 749 29 -4.510 657 43	9.98 9.98	-48.90 -48.90	-45.07 -45.07	2.36 1.53 1.99 2.24 1.42 3.80 3.74 1.99 2.24 1.42	A 63.4 0.739												
11448+1123	1	FCA	A 57292 B 57292	9.058 0.007 11.812 0.081	9.536 0.024	8.961 0.022		176.211 525 74 176.209 079 85	+11.385 882 79 +11.386 576 81	8.50 8.50	42.33 42.33	-147.82 -147.82	1.71 1.42 1.85 1.98 1.65 30.39 23.67 1.85 1.98 1.65	A 286.1 8.99												
11448-1821	1	FND	D A 57283 B 57283	4.950 0.026 7.835 0.370				176.190 661 01 176.190 680 03	-18.350 617 60 -18.350 572 96	9.31 9.31	27.15 27.15	-24.56 -24.56	1.24 1.45 0.81 0.59 0.45 21.16 41.00 0.81 0.59 0.45	A 22 0.17												
11448-5528	1	FCA	A 57293 B 57293	7.727 0.004 10.532 0.045	7.796 0.006 10.262 0.155	7.702 0.007 9.740 0.105		176.213 924 00 176.213 071 84	-55.461 821 64 -55.461 519 81	3.76 3.76	-25.90 -25.90	0.60 0.60	0.82 0.83 1.10 0.81 0.90 11.76 10.53 1.10 0.81 0.90	A 302.0 2.05												
11453-7452	1	FCB	A 57333 B 57333	8.535 0.007 11.828 0.148	8.764 0.011	8.478 0.012		176.327 958 18 176.329 545 16	-74.873 959 54 -74.874 082 42	4.55 4.55	-24.67 -24.67	-4.24 -4.24	1.42 1.29 1.44 1.70 1.37 47.77 46.03 1.44 1.70 1.37	A 107 1.56												
11454-5542	1	FCA	A 57342 B 57342	11.162 0.014 12.795 0.060	11.909 0.152	10.980 0.105		176.358 455 39 176.358 217 55	-55.691 911 78 -55.692 922 61	14.88 14.88	-318.84 -318.84	35.74 35.74	2.17 2.06 2.84 2.41 2.25 13.94 14.51 2.84 2.41 2.25	A 187.6 3.67												
11455+4536	1	ICA	A 57353 B 57355	8.892 0.007 9.762 0.015	9.265 0.017 10.101 0.029	8.853 0.018 9.552 0.027		176.384 010 37 176.387 271 82	+45.603 613 66 +45.605 605 38	9.54 9.55	-14.95 -11.57	8.74 4.35	2.89 2.26 2.62 3.00 2.12 7.91 6.37 6.03 6.79 4.70	A 48.88 10.90 +0.03 0.00												
11456-4901	1	FCA	A 57359 B 57359	9.423 0.127 10.167 0.252				176.388 226 79 176.388 222 32	-49.009 666 95 -49.009 720 70	10.49 10.49	-115.21 -115.21	11.10 11.10	5.18 12.48 1.35 0.84 0.99 10.34 21.75 1.35 0.84 0.99	A 183 0.19												
11464+0904	1	LCA	A 57425 B 57425	9.965 0.016 11.595 0.071	10.444 0.048	9.877 0.044		176.592 991 80 176.590 537 63	+9.074 550 06 +9.075 819 54	6.11 6.11	2.01 -3.32	-9.37 -36.46	3.10 2.23 2.57 2.87 2.20 26.29 16.35 2.57 16.49 10.61	A 297.6 9.85 -0.2 -0.01												
11465-5802	1	FCA	G A 57432 C 57432 B 57432	7.726 0.019 10.878 0.157 11.968 0.942	7.615 0.007 10.703 0.061	7.701 0.009 10.571 0.087		176.613 760 37 176.609 703 36 176.612 757 36	-58.031 087 77 -58.030 866 77 -58.030 466 12	2.42 2.42 2.42	-10.51 -10.51 -10.51	1.99 1.99 1.99	1.38 1.49 1.81 1.54 1.57 20.44 20.02 1.81 1.54 1.57 30.37 29.01 1.81 1.54 1.57	A 275.9 7.77 A 319 2.94												
11467-5310	1	FCA	A 57461 B 57461	9.218 0.007 10.056 0.014	9.765 0.022 10.118 0.037	8.964 0.018 9.488 0.035		176.678 067 30 176.677 968 00	-53.158 541 36 -53.159 138 15	7.85 7.85	-8.40 -8.40	10.50 10.50	1.58 1.69 2.40 1.98 1.90 4.39 4.60 2.40 1.98 1.90	A 185.7 2.159												
11467-5838	1	FCA	A 57457 B 57457	8.958 0.010 10.901 0.059				176.674 963 97 176.674 792 42	-58.629 794 45 -58.629 741 10	-1.15 -1.15	-15.81 -15.81	2.21 2.21	2.16 1.77 1.74 1.60 1.33 12.98 11.61 1.74 1.60 1.33	A 301 0.37												
11468+1500	1	FCA	A 57470 B 57470	8.070 0.005 10.333 0.040				176.711 190 52 176.711 329 69	+15.001 922 28 +15.001 849 71	7.30 7.30	11.36 11.36	7.94 7.94	1.42 0.94 1.21 1.37 0.96 13.61 8.63 1.21 1.37 0.96	A 118 0.55												
11468+5950	1	FCA	A 57465 B 57465	9.962 0.009 10.636 0.015	10.385 0.030 11.075 0.053	9.843 0.029 10.258 0.039		176.691 848 14 176.690 023 82	+59.830 969 72 +59.831 033 69	2.08 2.08	21.18 21.18	-20.16 -20.16	2.29 2.73 3.20 2.48 2.82 5.11 7.13 3.20 2.48 2.82	A 274.0 3.309												
11469-6102	1	FCA	A 57474 B 57474	8.025 0.008 10.487 0.072	7.971 0.012 10.559 0.073	8.028 0.015 10.855 0.157		176.718 594 55 176.710 122 80	-61.041 122 74 -61.042 778 44	-0.07 -0.07	-12.26 -12.26	1.09 1.09	0.91 0.91 1.08 1.06 0.98 19.97 18.39 1.08 1.06 0.98	A 248.0 15.92												

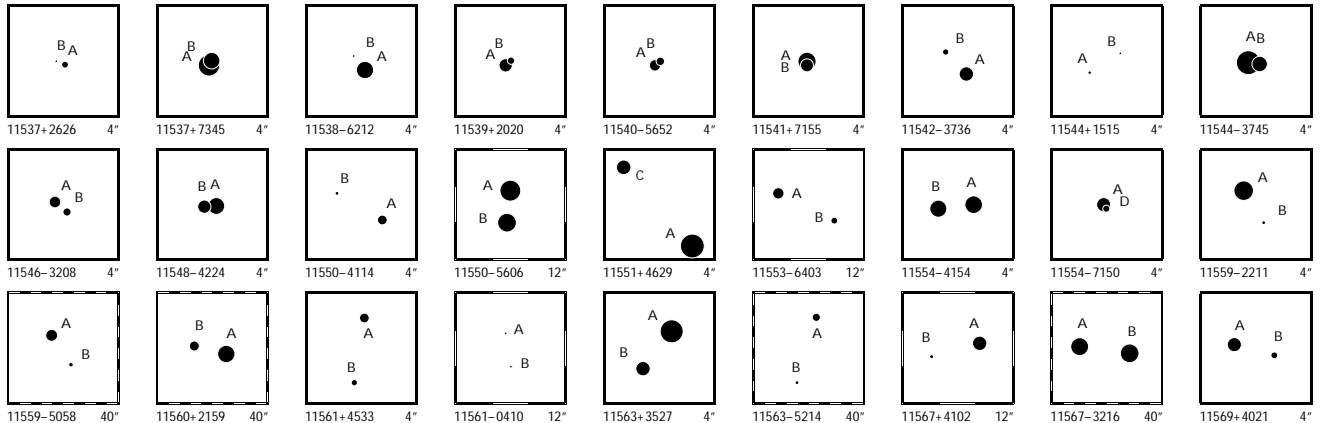


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
11469-6546	1	I CA	A 57473 B 57475	10.751 11.045	0.024 0.027	11.549 11.825	0.089 0.132	10.633 10.959	0.064 0.102	176.717 176.726	713 878	72 89	-65.760 -65.763	684 239	18 37	14.65 14.52	-500.56 -496.23	-152.03 -130.10	5.86 11.45	5.69 11.44	6.13 9.18	6.99 10.74	5.64 9.53	A	124.2	16.37	-0.1	-0.01
11470+2701	1	F CA	P A 57480 B 57480	9.722 9.934	0.449 0.545					176.738 176.738	325 316	74 14	+27.023 +27.022	028 988	89 67	1.22 1.22	-20.50 -20.50	-0.91 -0.91	10.45 13.51	33.87 33.32	1.54 1.54	1.90 1.90	1.24 1.24	A	192	0.15		
11470+5317	1	I CA	A B 57487 B 57483	9.493 10.788	0.006 0.016	10.063 11.333	0.024 0.058	9.490 10.433	0.021 0.039	176.753 176.748	239 690	21 89	+53.285 +53.286	331 273	93 85	6.93 6.88	-37.16 -45.14	-31.16 -33.64	2.05 7.43	2.60 9.65	3.00 8.88	2.45 8.06	2.44 7.41	A	289.11	10.36	-0.03	+0.01
11471-1149	1	F CC	A B 57494 B 57494	9.205 12.710	0.013 0.326					176.766 176.766	488 371	71 18	-11.823 -11.824	900 137	48 41	40.57 40.57	-206.32 -206.32	-60.74 -60.74	2.67 92.31	1.78 66.37	2.66 2.66	2.50 2.50	1.76 1.76	A	206	0.95		
11474+8532	1	F CA	A B 57523 B 57523	8.277 10.933	0.004 0.039					176.851 176.854	930 136	58 69	+85.532 +85.532	508 477	89 44	3.95 3.95	-2.51 -2.51	5.59 5.59	0.79 7.56	0.81 11.07	0.85 0.85	0.96 0.96	0.80 0.80	A	100	0.63		
11475+2003	1	F CA	A C 57529 C 57529	7.531 10.235	0.003 0.034					176.868 176.868	319 545	57 92	+20.033 +20.033	687 537	03 16	10.85 10.85	1.68 1.68	29.97 29.97	1.13 9.89	0.74 6.46	1.13 1.13	1.19 1.19	0.87 0.87	A	125.2	0.94		
11475-3354	1	F CA	P A 57533 B 57533	8.083 11.099	0.005 0.079					176.873 176.873	916 929	97 31	-33.899 -33.899	368 63	63 57	4.15 4.15	8.97 8.97	-20.68 -20.68	1.79 34.59	1.37 18.81	1.40 1.40	1.47 1.47	0.95 0.95	A	175	0.40		
11478+4949	1	F CA	A B 57556 B 57556	7.173 10.796	0.003 0.090	7.193 10.369	0.004 0.072	7.129 9.866	0.005 0.177	176.958 176.958	505 365	25 02	+49.822 +49.823	943 373	85 76	5.60 5.60	-17.58 -17.58	9.99 9.99	0.65 19.42	0.70 23.61	0.99 0.99	0.69 0.69	0.70 0.70	A	348	1.58		
11478-6746	1	F CA	A B 57553 B 57553	9.286 11.559	0.008 0.062	9.805 10.369	0.021 0.072	9.205 9.866	0.019 0.177	176.944 176.951	867 925	22 14	-67.765 -67.763	252 042	13 95	3.92 3.92	-21.54 -21.54	-2.86 -2.86	1.23 15.52	1.29 16.25	1.42 1.42	1.30 1.30	1.37 1.37	A	48.1	11.90		
11479+4541	1	F ND	D A 57557 B 57557	8.856 12.527	0.010 0.271	9.874 10.369	0.020 0.072	8.790 9.866	0.014 0.177	176.966 176.970	173 809	10 04	+45.684 +45.684	933 154	22 93	2.96 2.96	30.17 30.17	1.54 1.54	1.63 71.38	1.17 56.12	1.64 1.64	1.77 1.77	1.09 1.09	A	103.5	11.99		
11479-1528	1	F CA	A B 57559 B 57559	8.733 8.768	0.057 0.059					176.971 176.971	412 459	79 54	-15.461 -15.461	850 818	51 25	11.02 11.02	19.13 19.13	5.65 5.65	5.10 5.98	4.60 5.54	1.03 1.03	0.83 0.83	0.59 0.59	A	54	0.199		
11480-0838	1	I CA	A B 57570 B 57566	9.617 9.954	0.015 0.018	10.100 10.335	0.044 0.051	9.514 9.749	0.040 0.048	177.001 176.998	155 552	25 66	-8.627 -8.625	598 981	45 86	14.58 4.54	67.13 57.07	-48.58 -44.97	8.47 6.59	4.57 4.19	5.14 5.58	5.52 5.91	3.20 3.54	A	302.14	10.94	-0.01	+0.01
11480-6607	1	F CA	A B 57572 B 57572	8.705 10.154	0.006 0.023	9.652 11.480	0.022 0.115	8.618 10.031	0.015 0.048	177.010 177.007	717 620	70 93	-66.115 -66.113	313 399	01 35	27.96 27.96	-267.78 -267.78	175.33 175.33	1.39 7.39	1.40 6.74	1.64 1.64	1.79 1.79	1.46 1.46	A	326.8	8.24		
11482-5207	1	F CA	A B 57578 B 57578	9.606 10.772	0.008 0.024	10.097 10.369	0.025 0.072	9.236 9.866	0.015 0.177	177.050 177.049	013 735	04 18	-52.121 -52.121	059 457	34 29	0.19 0.19	0.88 0.88	-6.99 -6.99	1.58 6.38	1.94 6.71	2.64 2.64	2.20 2.20	2.12 2.12	A	203.2	1.56		
11485-5409	1	F ND	D A 57595 B 57595	9.559 12.079	0.027 0.242	10.050 10.369	0.022 0.072	9.557 9.866	0.022 0.177	177.112 177.121	597 236	39 36	-54.155 -54.155	119 708	00 79	5.84 5.84	-26.88 -26.88	-6.37 -6.37	1.29 56.20	1.42 57.90	1.89 1.89	1.51 1.51	1.62 1.62	A	96.7	18.34		
11486+1417	1	F CA	A B 57606 B 57606	6.042 8.691	0.004 0.041					177.161 177.161	444 479	36 42	+14.284 +14.284	197 39	29 39	13.48 13.48	-103.25 -103.25	5.17 5.17	0.97 8.18	0.61 6.00	0.87 0.87	1.28 1.28	0.64 0.64	A	346.7	0.99		
11487-6134	1	F CA	A B 57610 B 57610	8.774 9.980	0.008 0.024	10.667 10.023	0.058 0.033	8.814 9.874	0.020 0.049	177.172 177.170	885 927	58 77	-61.564 -61.562	156 808	24 79	3.02 3.02	-4.63 -4.63	2.52 2.52	1.43 6.64	1.37 5.68	1.68 1.68	1.45 1.45	1.30 1.30	A	325.3	5.90		
11489+3342	1	F CA	A B 57624 B 57624	10.226 10.970	0.012 0.024	10.431 11.130	0.031 0.062	10.107 10.645	0.035 0.064	177.232 177.232	284 214	66 71	+33.701 +33.700	617 810	29 24	3.02 3.02	-3.04 -3.04	-1.92 -1.92	2.76 7.51	2.44 6.48	2.78 2.78	2.68 2.68	2.37 2.37	A	184.1	2.91		
11492+6720	1	I CA	A B 57639 B 57640	7.582 8.423	0.006 0.013	8.299 8.793	0.010 0.012	7.491 8.378	0.008 0.012	177.293 177.293	644 977	63 71	+67.328 +67.325	551 461	62 57	1.13 3.05	8.70 6.25	-1.46 -0.89	1.62 5.44	1.48 5.14	1.49 2.51	1.72 3.59	1.54 3.45	A	177.62	11.134	+0.01	-0.001
11492-5742	1	F CA	A B 57644 B 57644	6.894 10.573	0.004 0.109	6.834 10.369	0.004 0.072	6.867 9.866	0.005 0.177	177.303 177.302	136 625	72 51	-57.691 -57.691	567 470	66 52	6.55 6.55	-23.49 -23.49	3.23 3.23	0.62 21.06	0.67 20.45	0.84 0.84	0.72 0.72	0.72 0.72	A	290	1.04		
11493-4919	1	F FD	D A 57647 B 57647	8.956 10.684	0.064 0.316	9.228 10.369	0.012 0.072	8.715 9.866	0.011 0.177	177.313 177.313	473 245	44 90	-49.315 -49.315	590 944	03 30	2.77 2.77	-40.75 -40.75	-1.33 -1.33	1.19 119.72	1.26 101.43	1.94 1.94	1.23 1.23	1.30 1.30	A	203	1.38		
11495-4604	1	F CA	A S 57657 S 57657	7.581 8.747	0.032 0.093					177.366 177.366	256 251	93 76	-46.067 -46.067	552 491	69 63	6.77 6.77	-57.17 -57.17	0.62 0.62	3.22 9.77	3.98 8.44	1.01 1.01	0.61 0.61	0.74 0.74	A	357	0.22		
11497-3227	1	F CA	A B 57672 B 57672	8.178 10.481	0.005 0.035					177.429 177.430	752 008	69 46	-32.443 -32.444	934 111	21 13	11.98 11.98	-73.50 -73.50	32.06 32.06	1.26 11.05	0.94 8.75	1.33 1.33	1.43 1.43	0.98 0.98	A	129	1.00		
11499+3645	1	F CB	A B 57695 B 57695	9.989 10.002	0.260 0.263					177.485 177.485	654 710	58 30	+36.748 +36.748	241 218	99 02	4.17 4.17	-18.45 -18.45	-0.52 -0.52	16.41 23.66	32.86 33.38	1.24 1.24	1.06 1.06	0.65 0.65	A	118	0.18		
11499+3754	1	F CA	A B 57689 B 57689	10.618 11.038	0.008 0.011					177.467 177.467	322 440	89 64	+37.905 +37.905	424 302	19 23	12.36 12.36	-56.85 -56.85	-59.27 -59.27	3.91 9.13	2.88 4.95	4.13 4.13	3.58 3.58	2.67 2.67	A	143	0.552		
11503+3741	1	F CA	A C 57731 C 57731	11.991 12.331	0.022 0.029					177.579 177.579	435 625	97 71	+37.681 +37.681	023 309	68 00	12.61 12.61	-127.97 -127.97	-64.58 -64.58	7.93 19.22	4.20 10.46	8.18 8.18	7.81 7.81	3.74 3.74	A	28	1.16		
11504-0225	1	F CA	A B 57740 B 57740	8.034 11.299	0.003 0.058	8.661 10.369	0.011 0.072	7.960 9.866	0.010 0.177	177.609 177.609	981 636	38 45	-2.418 -2.418	490 900	65 79	7.00 7.00	-36.11 -36.11	-19.80 -19.80	1.07 20.45	0.84 17.89	1.13 1.13	1.15 1.15	0.66 0.66	A	220	1.93		

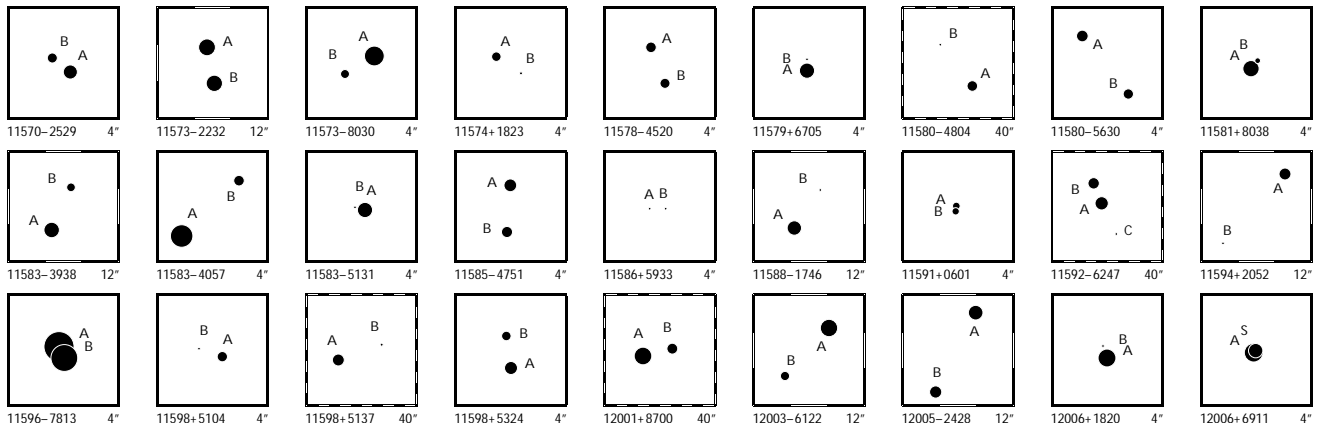


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors				Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
11509-5553	1	F	A	57776	9.489	0.007					177.716 200 30	-55.887 609 47	5.30	-49.39	-10.31	2.21	2.02	2.89	2.55	2.41	A	239.1	0.855			
			B	57776	9.958	0.011					177.715 836 83	-55.887 731 53	5.30	-49.39	-10.31	3.82	3.81	2.89	2.55	2.41						
11510+3653	1	F	A	57788	9.397	0.005					177.752 785 42	+36.889 270 38	2.07	15.35	-45.50	2.06	1.23	2.22	2.17	1.22	A	293.3	0.933			
			B	57788	10.451	0.012					177.752 487 77	+36.889 372 77	2.07	15.35	-45.50	5.76	2.96	2.22	2.17	1.22						
11511+2245	1	F	A	57795	9.217	0.005					177.767 527 52	+22.743 252 32	5.02	-19.40	-7.80	1.65	1.36	1.81	2.00	2.10	A	70	0.65			
			B	57795	11.743	0.050					177.767 712 52	+22.743 313 08	5.02	-19.40	-7.80	16.40	13.46	1.81	2.00	2.10						
11512-3656	1	F	A	57807	7.849	0.005	7.862	0.008	7.828	0.010	177.796 886 66	-36.935 801 92	3.36	-21.65	-2.48	1.01	0.79	1.11	0.93	0.72	A	225.9	8.92			
			B	57807	11.198	0.094	11.381	0.115	11.072	0.146	177.794 661 60	-36.937 525 24	3.36	-21.65	-2.48	31.58	22.55	1.11	0.93	0.72						
11514+1148	1	F	A	57821	7.184	0.003					177.853 551 93	+11.805 154 73	18.59	-220.50	2.43	1.10	0.80	0.92	1.14	0.68	A	183	0.43			
			B	57821	10.922	0.092					177.853 546 31	+11.805 034 27	18.59	-220.50	2.43	34.33	20.73	0.92	1.14	0.68						
11517+2344	1	F	A	57842	11.050	0.045					177.928 394 06	+23.740 779 55	3.42	-34.91	-30.98	5.44	4.10	4.33	5.10	5.86	A	303	0.41			
			B	57842	12.127	0.120					177.928 288 71	+23.740 841 98	3.42	-34.91	-30.98	21.88	16.09	4.33	5.10	5.86						
11517+4448	1	F	A	57845	9.253	0.007	9.712	0.032	8.967	0.026	177.929 809 26	+44.798 142 28	5.84	-67.00	-10.92	1.84	1.43	2.22	1.78	1.31	A	89.3	3.104			
			B	57845	9.994	0.014	10.544	0.048	9.909	0.045	177.931 024 09	+44.798 152 76	5.84	-67.00	-10.92	4.23	3.97	2.22	1.78	1.31						
11517-3912	1	F	A	57844	11.024	0.130					177.929 501 43	-39.207 497 16	-1.31	-11.05	6.78	8.37	13.54	1.31	0.97	0.79	A	31	0.19			
			B	57844	11.693	0.240					177.929 536 32	-39.207 451 51	-1.31	-11.05	6.78	9.95	15.24	1.31	0.97	0.79						
11518-6436	1	F	A	57848	7.460	0.004	7.430	0.007	7.412	0.008	177.954 106 71	-64.595 654 43	3.29	-10.35	-3.28	0.80	0.81	0.95	0.93	0.79	A	226.8	4.375			
			B	57848	9.008	0.014	9.113	0.029	9.015	0.038	177.952 040 71	-64.596 485 89	3.29	-10.35	-3.28	4.24	4.27	0.95	0.93	0.79						
11519-6512	1	F	A	57851	4.957	0.002	4.767	0.004	4.916	0.005	177.963 636 95	-65.205 894 45	9.64	-34.37	-6.55	0.47	0.47	0.56	0.47	0.45	A	158.4	1.549			
			B	57851	7.412	0.021					177.964 014 83	-65.206 294 48	9.64	-34.37	-6.55	4.68	4.80	0.56	0.47	0.45						
11520+4805	1	L	A	57859	9.747	0.006					177.991 951 95	+48.088 569 18	20.16	-207.29	38.45	2.62	2.36	3.04	2.64	2.40	B	312.3	0.895	-0.8	+0.023	
			B	57859	9.954	0.008					177.991 676 82	+48.088 736 69	20.16	-232.74	45.18	4.60	3.30	3.04	6.19	4.74						
11520-4358	1	F	A	57860	9.186	0.008	9.627	0.034	8.961	0.027	178.004 179 24	-43.958 346 39	10.88	-22.49	-21.58	1.79	2.04	2.63	1.54	2.01	A	319.6	1.62			
			B	57860	9.406	0.010	9.771	0.038	9.143	0.033	178.003 773 43	-43.958 002 65	10.88	-22.49	-21.58	4.81	3.67	2.63	1.54	2.01						
11523-1958	1	F	A	57887	9.708	0.063					178.083 679 52	-19.971 636 30	5.39	-14.83	64.26	8.61	5.66	1.17	0.91	0.82	A	323	0.21			
			S	57887	9.765	0.067					178.083 643 20	-19.971 590 31	5.39	-14.83	64.26	7.08	5.01	1.17	0.91	0.82						
11523-2650	1	F	A	57880	9.936	0.010	10.703	0.045	9.909	0.036	178.069 244 90	-26.828 313 52	16.21	-124.50	77.81	1.51	1.26	1.70	1.52	1.14	A	55	1.46			
			B	57880	12.959	0.160					178.069 617 88	-26.828 079 90	16.21	-124.50	77.81	40.73	30.24	1.70	1.52	1.14						
11524+1428	1	F	A	57891	9.629	0.165					178.103 148 02	+14.458 478 76	2.23	-10.65	24.93	9.33	11.25	1.54	1.72	1.19	A	43	0.16			
			B	57891	10.697	0.443					178.103 179 71	+14.458 511 51	2.23	-10.65	24.93	25.94	25.49	1.54	1.72	1.19						
11524+3904	1	F	A	57893	10.411	0.017	10.979	0.037	10.368	0.035	178.111 959 27	+39.062 869 78	8.83	-46.87	3.25	2.01	1.90	2.61	2.00	1.51	A	338	4.85			
			B	57893	13.494	0.279					178.111 306 36	+39.064 117 58	8.83	-46.87	3.25	61.61	68.92	2.61	2.00	1.51						
11525-1408	1	F	A	57894	8.079	0.084					178.113 234 98	-14.127 550 93	14.43	-196.10	49.83	8.16	4.53	1.03	0.80	0.65	A	103	0.19			
			B	57894	9.333	0.265					178.113 289 03	-14.127 562 69	14.43	-196.10	49.83	21.43	15.06	1.03	0.80	0.65						
11527+6324	1	F	A	57911	10.390	0.009	10.717	0.033	10.284	0.035	178.170 548 65	+63.402 740 51	0.85	20.59	-2.49	2.04	2.03	2.51	2.20	1.92	A	170.6	2.02			
			B	57911	11.690	0.029					178.170 752 89	+63.402 186 15	0.85	20.59	-2.49	10.49	9.18	2.51	2.20	1.92						
11527-4840	1	F	A	57915	8.585	0.006	9.163	0.011	8.462	0.011	178.181 542 57	-48.665 028 12	5.06	-18.96	0.78	1.16	1.08	1.54	1.14	1.07	A	170.3	2.31			
			B	57915	10.405	0.031	10.182	0.036	9.686	0.046	178.181 706 77	-48.665 660 79	5.06	-18.96	0.78	7.30	7.69	1.54	1.14	1.07						
11529+3050	1	F	A	57929	9.227	0.009	9.611	0.026	9.094	0.025	178.219 346 95	+30.827 274 35	5.09	-66.10	26.23	2.49	2.10	2.60	2.43	2.01	A	241.6	5.330			
			B	57929	9.708	0.013	10.063	0.037	9.452	0.034	178.217 830 05	+30.826 570 64	5.09	-66.10	26.23	4.96	4.17	2.60	2.43	2.01						
11529-3354	1	L	A	57936	4.644	0.005					178.227 338 67	-33.908 130 14	8.93	-58.02	2.40	0.82	0.71	0.88	0.81	0.67	A	27.9	0.697	+0.8	-0.008	
			B	57936	5.548	0.007					178.227 447 65	-33.907 958 98	8.93	-52.70	-8.94	2.27	1.78	0.88	1.32	1.02						
11529-4634	1	F	A	57937	9.093	0.008	10.359	0.025	9.068	0.015	178.227 811 66	-46.565 989 76	4.06	-13.45	-19.77	1.30	1.29	1.86	1.30	1.27	A	239	3.43			
			B	57937	12.472	0.174					178.226 629 37	-46.566 484 97	4.06	-13.45	-19.77	39.22	38.88	1.86	1.30	1.27						
11532-1540	1	L	A	57955	8.804	0.007					178.302 621 74	-15.673 754 61	3.08	-35.86	8.83	2.22	1.63	1.82	1.68	1.35	A	53	0.376	-1	+0.002	
			B	57955	9.171	0.010					178.302 708 79	-15.673 692 18	3.08	-39.28	16.49	3.71	2.97	1.82	2.33	2.06						
1																										

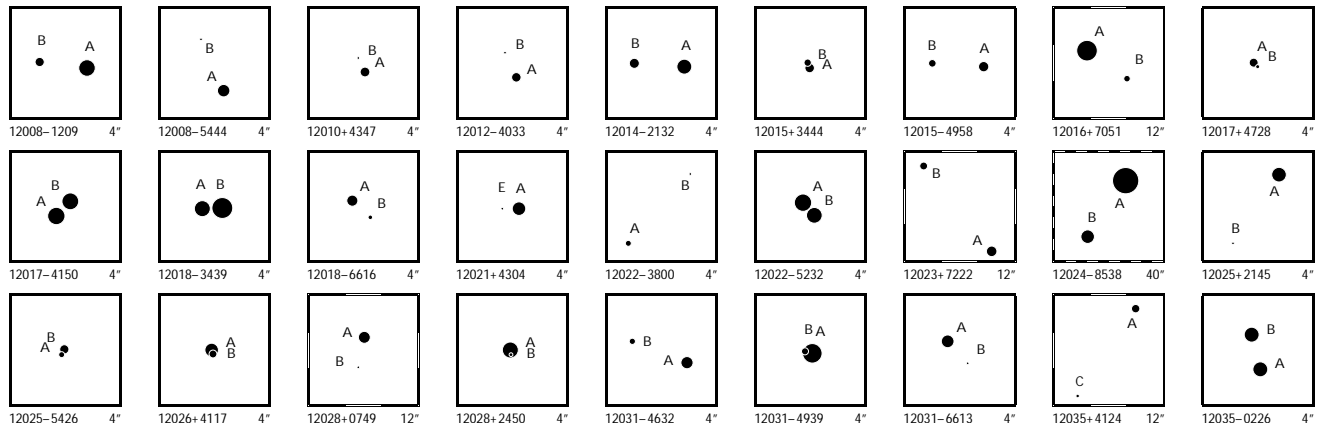
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11537+2626	1	F CA	A 57989 B 57989	10.484 12.432	0.034 0.201			178.413 386 18 178.413 486 21	+26.427 736 03 +26.427 774 10	1.09 1.09	-13.36 -13.36	-3.11 -3.11	6.15 3.00 2.28 2.65 1.86 30.00 24.99 2.28 2.65 1.86	A 67	0.35												
11537+7345	1	L CA	A 57994 B 57994	7.232 8.323	0.028 0.077			178.429 946 60 178.429 853 94	+73.756 336 85 -73.756 390 34	17.49 17.49	-54.90 -30.22	-127.84 -91.34	2.80 3.47 0.70 2.04 1.43 8.15 8.93 0.70 5.60 3.78	A 334	0.214	+10	+0.022										
11538-6212	1	F CA	A 57996 B 57996	8.166 11.457	0.004 0.080			178.444 514 69 178.444 747 53	-62.196 586 77 -62.196 435 32	1.94 1.94	-6.16 -6.16	-1.63 -1.63	0.82 0.86 0.98 0.87 0.83 17.76 24.20 0.98 0.87 0.83	A 36	0.67												
11539+2020	1	F CA	A 58008 B 58008	9.071 10.400	0.055 0.188			178.467 051 03 178.467 001 57	+20.336 208 31 +20.336 256 47	8.71 8.71	-145.73 -145.73	-27.92 -27.92	10.46 4.81 2.06 2.22 1.87 36.48 15.60 2.06 2.22 1.87	A 316	0.24												
11540-5652	1	F CA	A 58015 B 58015	9.477 10.144	0.036 0.067			178.490 602 92 178.490 513 09	-56.860 266 78 -56.860 223 44	2.81 2.81	-10.68 -10.68	-0.61 -0.61	3.52 3.42 1.55 1.34 1.18 7.13 6.96 1.55 1.34 1.18	A 311	0.24												
11541+7155	1	L CA	A 58026 B 58026	7.985 9.095	0.088 0.245			178.518 155 64 178.518 157 18	+71.924 210 08 +71.924 170 41	10.88 10.88	-84.73 -63.68	-22.77 -0.87	5.30 6.68 0.73 3.22 1.49 14.65 14.42 0.73 8.76 3.60	A 179	0.143	-9	-0.022										
11542-3736	1	F CA	A 58043 B 58043	8.825 10.631	0.005 0.027	10.144 0.027	8.660 0.014	178.557 660 57 178.557 923 95	-37.600 089 23 -37.599 864 20	1.02 1.02	-6.30 -6.30	-6.68 -6.68	1.32 1.03 1.43 1.27 1.05 8.23 5.69 1.43 1.27 1.05	A 42.8	1.10												
11544+1515	1	F CA	A 58056 B 58056	11.232 11.398	0.013 0.015	12.138 0.173	10.810 0.084	178.607 110 20 178.606 786 78	+15.253 784 90 +15.253 973 66	24.13 24.13	26.36 26.36	-167.02 -167.02	5.64 3.84 5.32 7.25 3.85 8.39 7.61 5.32 7.25 3.85	A 301.2	1.31												
11544-3745	1	L CA	A 58057 B 58057	6.748 8.604	0.004 0.020			178.608 576 77 178.608 427 74	-37.749 073 86 -37.749 084 67	21.50 21.50	-331.05 -298.54	57.19 56.30	1.13 1.03 0.97 0.83 0.73 5.68 7.15 0.97 3.35 4.14	A 265	0.426	-1	-0.032										
11546-3208	1	F FB	A 58078 B 58078	9.425 10.210	0.008 0.016			178.657 828 21 178.657 674 58	-32.127 764 93 -32.127 870 11	5.39 5.39	-28.70 -28.70	-21.36 -21.36	4.61 2.28 3.30 5.06 2.17 9.64 3.68 3.30 5.06 2.17	A 231	0.60												
11548-4224	1	F CA	A 58090 B 58090	8.300 9.031	0.005 0.009			178.701 560 98 178.701 732 78	-42.395 003 93 -42.395 012 35	6.34 6.34	-54.10 -54.10	-3.23 -3.23	1.22 1.26 1.59 1.15 1.10 2.45 3.32 1.59 1.15 1.10	A 93.8	0.458												
11550-4114	1	F CA	A 58101 B 58101	9.852 11.160	0.006 0.021	10.299 0.030	9.758 0.029	178.745 971 23 178.746 589 37	-41.239 543 01 -41.239 269 83	7.32 7.32	-17.68 -17.68	-15.44 -15.44	2.07 1.51 2.06 1.98 1.51 7.15 7.03 2.06 1.98 1.51	A 59.6	1.94												
11550-5606	1	L CA	A 58106 B 58106	7.368 7.856	0.005 0.007	7.943 0.012	7.276 0.010	178.754 675 46 178.754 893 98	-56.095 506 22 -56.096 505 60	32.33 32.33	209.05 216.65	-197.49 -206.33	1.13 1.17 1.44 1.10 0.97 3.42 3.27 1.44 2.46 1.95	A 173.05	3.624	-0.10	+0.010										
11551+4629	1	F CA	A 58112 C 58112	6.721 8.740	0.005 0.030	8.470 0.030	8.321 0.035	178.773 918 15 178.774 943 00	+46.476 839 10 +46.477 647 59	4.07 4.07	10.32 10.32	2.94 2.94	1.04 0.88 1.24 1.14 0.99 9.04 6.50 1.24 1.14 0.99	A 41.1	3.86												
11553-6403	1	L CA	A 58126 B 58126	9.482 10.475	0.010 0.024	9.505 0.017	9.359 0.021	178.835 673 84 178.831 719 76	-64.045 616 63 -64.046 446 54	0.84 0.84	-11.32 -24.61	0.93 -16.16	2.16 2.09 2.29 2.11 1.69 8.65 7.39 2.29 8.44 5.97	A 244.4	6.91	-0.1	+0.02										
11554-4154	1	L CA	A 58131 B 58131	8.102 8.235	0.004 0.005	7.770 0.040	7.563 0.033	178.846 339 89 178.846 831 11	-41.903 543 44 -41.903 573 61	8.37 8.37	-29.51 -29.93	1.40 5.55	1.21 1.39 1.63 1.18 1.18 3.02 1.93 1.63 2.00 1.63	A 94.7	1.321	-0.2	-0.001										
11554-7150	1	F CA	A 58127 D 58127	8.900 10.440	0.063 0.262			178.838 964 08 178.838 883 72	-71.827 188 64 -71.827 231 32	2.17 2.17	-21.35 -21.35	9.76 9.76	5.09 4.79 0.86 0.94 0.72 20.88 18.47 0.86 0.94 0.72	A 210	0.18												
11559-2211	1	F CB	A 58178 B 58178	7.671 11.135	0.007 0.173	9.023 0.014	7.636 0.008	178.980 059 46 178.979 840 88	-22.184 106 43 -22.184 433 77	10.54 10.54	-63.56 -63.56	-4.92 -4.92	1.63 1.09 1.73 1.49 0.98 81.94 30.28 1.73 1.49 0.98	A 212	1.39												
11559-5058	1	F CA	A 58174 B 58174	9.345 11.005	0.013 0.050	10.701 0.048	9.351 0.026	178.972 146 28 178.968 880 45	-50.966 203 07 -50.969 190 57	5.38 5.38	-9.84 -9.84	7.63 7.63	1.61 1.74 2.50 1.76 1.72 11.59 13.09 2.50 1.76 1.72	A 214.54	13.06												
11560+2159	1	I CA	A 58187 B 58192	8.145 9.791	0.008 0.030	8.617 0.016	8.048 0.015	179.003 748 40 179.007 255 11	+21.981 907 38 +21.982 750 45	9.24 7.69	-58.40 -52.06	-7.74 -2.96	2.39 1.63 2.02 2.35 1.84 14.75 8.33 5.61 10.90 7.73	A 75.46	12.09	-0.01	+0.01										
11561+4533	1	F CA	A 58195 B 58195	9.815 10.633	0.010 0.022	10.071 0.020	9.489 0.021	179.026 386 77 179.026 537 79	+45.545 954 42 +45.545 954 42	1.43 1.43	-25.48 -25.48	-6.73 -6.73	2.26 1.77 2.41 2.46 1.66 6.55 7.55 2.41 2.46 1.66	A 171.0	2.44												
11561-0410	1	F CB	A 58197 B 58197	11.839 12.349	0.074 0.119			179.034 385 45 179.034 189 30	-4.158 941 14 -4.159 964 19	25.60 25.60	-150.97 -150.97	-9.31 -9.31	11.98 5.63 9.96 12.58 6.40 25.09 20.55 9.96 12.58 6.40	A 190.8	3.75												
11563+3527	1	F CA	A 58208 B 58208	6.883 8.829	0.002 0.014	7.221 0.006	6.784 0.006	179.071 844 89 179.072 206 24	+35.448 140 52 +35.447 764 28	6.69 6.69	-96.65 -96.65	10.48 10.48	0.89 0.68 1.00 0.86 0.59 4.98 3.91 1.00 0.86 0.59	A 142.0	1.720												
11563-5214	1	I CB	A 58210 B 58211	10.199 11.172	0.010 0.018	10.395 0.024	10.007 0.027	179.081 313 98 179.084 411 54	-52.227 662 79 -52.234 294 20	-0.59 -0.20	-7.51 -0.40	-0.57 1.73	1.91 2.21 2.63 2.30 2.09 7.23 8.19 7.48 6.65 6.00	A 164.04	24.83	-0.02	0.00										
11567+4102	1	F CA	A 58235 B 58235	8.841 11.079	0.005 0.040	10.056 0.025	8.769 0.015	179.169 040 70 179.171 007 36	+41.025 126 98 +41.024 709 35	2.79 2.79	-44.17 -44.17	-27.31 -27.31	1.11 1.14 1.58 1.20 1.17 10.70 9.84 1.58 1.20 1.17	A 105.7	5.55												
11567-3216	1	I NB	A 58240 B 58241	7.831 8.023	0.043 0.047	8.383 0.015	7.683 0.017	179.176 786 72 179.182 925 71	-32.268 137 04 -32.267 397 52	28.63 34.27	-166.05 -178.78	-7.74 -7.74	13.37 8.14 6.41 8.49 4.45 7.22 4.87 6.35 7.78 4.38	B 81.89	18.88	-0.01	-0.01										
11569+4021	1	F CA	A 58261 B 58261	8.895 10.492	0.007 0.030	9.257 0.012	8.723 0.012	179.224 559 37 179.224 024 20	+40.355 984 44 +40.355 866 88	6.60 6.60	-33.64 -33.64	1.13 1.13	1.20 1.18 1.70 1.14 1.17 7.64 8.31 1.70 1.14 1.17	A 253.9	1.53												



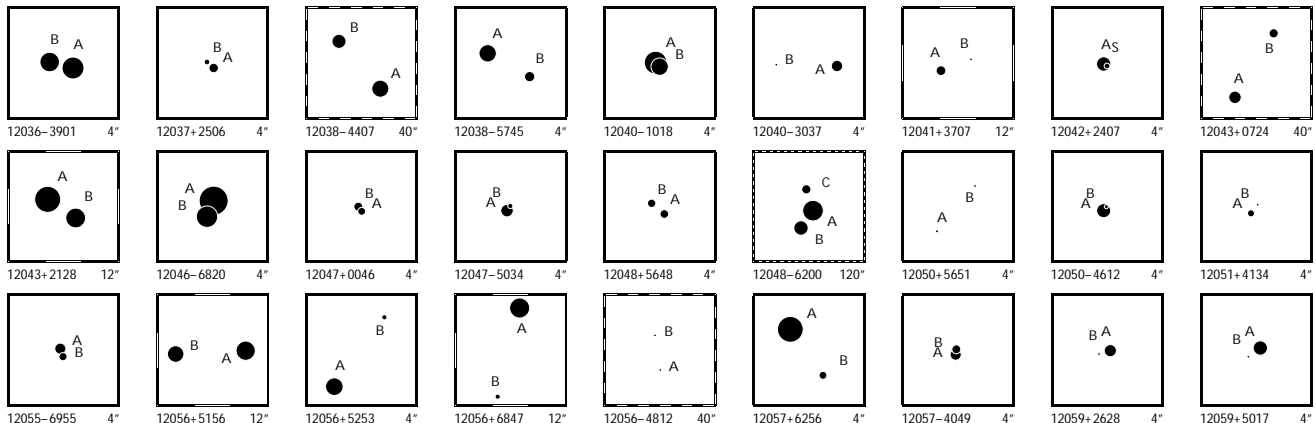
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
11570-2529	1	FCA	A 58270 B 58270	8.877 0.005 9.796 0.012				179.259 544 52 179.259 747 45	-25.481 767 59 -25.481 627 75	2.61 2.61	-24.35 -54.59 -24.35 -54.59	1.39 1.14 1.63 1.32 0.98 3.88 3.62 1.63 1.32 0.98	A	52.6	0.830												
11573-2232	1	LCA	A 58298 B 58298	8.286 0.008 8.412 0.009	8.692 0.025 8.796 0.027	8.189 0.024 8.252 0.026		179.326 978 70 179.326 725 58	-22.538 035 15 -22.539 124 13	13.52 13.52	38.33 -67.88 39.18 -74.30	1.93 1.31 1.74 1.51 0.94 3.78 3.24 1.74 2.59 1.74	A	192.12	4.010	-0.03	+0.006										
11573-8030	1	FCA	A 58291 B 58291	7.635 0.004 10.017 0.034	7.784 0.007	7.553 0.009		179.317 085 55 179.318 873 90	-80.494 686 46 -80.494 867 84	3.41 3.41	-19.64 -1.66 -19.64 -1.66	0.91 0.84 0.90 0.97 0.73 14.90 6.64 0.90 0.97 0.73	A	121.6	1.25												
11574+1823	1	FCA	A 58309 B 58309	9.895 0.016 11.340 0.058	10.294 0.043	9.666 0.038		179.360 394 96 179.360 130 64	+18.377 261 75 +18.377 089 58	12.30 12.30	49.38 -17.39 49.38 -17.39	2.87 2.56 3.00 3.22 3.24 18.27 9.60 3.00 3.22 3.24	A	236	1.10												
11578-4520	1	FCA	A 58332 B 58332	9.637 0.007 9.766 0.008				179.441 509 42 179.441 305 87	-45.339 737 24 -45.340 113 07	2.16 2.16	-15.49 5.14 -15.49 5.14	2.03 1.80 2.57 1.99 1.49 3.27 3.98 2.57 1.99 1.49	A	200.8	1.448												
11579+6705	1	FCA	A 58342 B 58342	8.661 0.006 11.401 0.073				179.464 097 35 179.464 097 28	+67.079 425 52 +67.079 545 16	4.17 4.17	12.04 -28.26 12.04 -28.26	1.10 1.43 1.10 0.88 0.93 16.45 14.52 1.10 0.88 0.93	A	360	0.43												
11580-4804	1	FND	D A 58347 B 58352	9.673 0.034 13.029 0.636	10.728 0.035	9.631 0.022		179.492 021 08 179.496 869 19	-48.060 585 22 -48.056 383 00	2.69 2.69	-37.17 24.21 -37.17 24.21	2.58 2.55 3.00 2.45 2.22 158.12 160.04 3.00 2.45 2.22	A	37.6	19.10												
11580-5630	1	FCA	A 58346 B 58346	9.448 0.012 9.708 0.015	9.681 0.029 9.920 0.035	9.199 0.029 9.385 0.034		179.491 172 63 179.490 314 97	-56.494 102 78 -56.494 701 65	11.10 11.10	-33.16 19.17 -33.16 19.17	2.20 2.20 2.93 2.70 2.03 4.09 4.78 2.93 2.70 2.03	A	218.3	2.75												
11581+8038	1	FCA	A 58366 B 58366	8.413 0.007 10.712 0.054				179.524 874 29 179.524 409 60	+80.632 118 78 +80.632 200 79	9.87 9.87	-71.29 -40.82 -71.29 -40.82	1.27 1.32 0.96 0.98 0.83 10.06 9.94 0.96 0.98 0.83	A	317	0.40												
11583-3938	1	FCA	A 58381 B 58381	8.551 0.005 10.083 0.022	8.794 0.011 10.412 0.042	8.460 0.011 9.828 0.038		179.574 056 31 179.573 288 54	-39.632 880 65 -39.631 586 95	7.11 7.11	-47.92 11.86 -47.92 11.86	1.23 1.02 1.45 1.14 0.92 5.71 5.27 1.45 1.14 0.92	A	335.4	5.12												
11583-4057	1	FCA	A 58388 B 58388	7.023 0.003 9.664 0.027	8.085 0.009 9.019 0.023	6.946 0.005 7.913 0.015		179.584 719 64 179.583 933 46	-40.947 312 52 -40.946 744 77	11.58 11.58	-60.93 20.80 -60.93 20.80	0.78 0.62 0.85 0.74 0.54 8.83 6.53 0.85 0.74 0.54	A	313.7	2.96												
11583-5131	1	FCA	A 58384 B 58384	8.620 0.010 11.845 0.203				179.577 756 74 179.577 925 21	-51.515 834 80 -51.515 803 67	15.62 15.62	30.28 -0.57 30.28 -0.57	1.95 1.45 1.56 1.21 1.06 30.89 29.12 1.56 1.21 1.06	A	73	0.39												
11585-4751	1	FCA	A 58399 B 58399	9.177 0.007 9.553 0.010	8.968 0.024 9.356 0.018	8.917 0.025 9.236 0.026		179.617 247 66 179.617 306 29	-47.850 555 59 -47.851 029 87	1.93 1.93	-18.24 3.19 -18.24 3.19	1.89 1.81 2.50 1.63 1.54 3.70 3.88 2.50 1.63 1.54	A	175.3	1.713												
11586+5933	1	FCA	A 58412 B 58412	11.706 0.021 12.110 0.030				179.649 535 41 179.649 221 99	+59.556 164 08 +59.556 174 60	22.01 22.01	-73.50 -6.89 -73.50 -6.89	8.55 4.67 6.23 7.89 4.21 15.29 11.94 6.23 7.89 4.21	A	274	0.57												
11588-1746	1	FCC	A 58423 B 58423	8.811 0.006 12.690 0.194	9.310 0.014	8.751 0.013		179.689 325 10 179.688 502 44	-17.759 000 12 -17.757 837 46	10.01 10.01	-116.53 18.73 -116.53 18.73	1.35 0.94 1.45 1.28 0.80 56.51 38.91 1.45 1.28 0.80	A	326.0	5.05												
11591+0601	1	FCA	A 58448 B 58448	10.301 0.101 10.370 0.107				179.777 107 10 179.777 112 78	+6.011 886 44 +6.011 837 54	7.97 7.97	-30.08 -19.55 -30.08 -19.55	14.08 8.83 1.50 1.61 0.66 15.20 8.90 1.50 1.61 0.66	A	173	0.18												
11592-6247	1	LNC	G A 58456 B 58456 C 58456	9.085 0.023 9.484 0.031 12.168 0.622	9.616 0.023 10.068 0.033	9.016 0.020 9.414 0.029		179.809 446 92 179.811 251 12 179.806 080 05	-62.776 874 22 -62.774 757 95 -62.779 958 90	5.83 5.83 5.83	24.71 -5.35 31.65 -5.43 -137.14 -432.66	2.21 1.90 2.03 2.25 1.74 5.96 4.37 2.03 3.30 2.49 127.87 105.67 2.03 72.75 56.56	A	21.31	8.177	+0.05	+0.002										
11594+2052	1	FCA	A 58471 B 58471	9.330 0.009 12.249 0.125	9.739 0.020	9.241 0.020		179.862 090 99 179.864 119 54	+20.870 664 78 +20.868 527 47	10.63 10.63	107.64 31.48 107.64 31.48	2.25 1.24 1.92 2.69 1.06 37.82 22.62 1.92 2.69 1.06	A	138.4	10.28												
11596-7813	1	LCA	A 58484 B 58484	5.321 0.003 6.062 0.006				179.907 047 08 179.906 805 93	-78.221 818 33 -78.221 934 01	8.95 8.95	-41.24 -8.48 -43.18 1.57	0.69 0.70 0.58 0.61 0.50 1.91 1.62 0.58 1.07 0.84	A	203.1	0.453	+0.7	-0.008										
11598+5104	1	FCA	A 58497 B 58497	9.700 0.009 11.695 0.057				179.953 397 99 179.953 776 19	+51.063 972 21 +51.064 057 80	10.59 10.59	-85.08 -11.60 -85.08 -11.60	1.64 1.56 1.97 1.76 1.46 13.66 15.48 1.97 1.76 1.46	A	70	0.91												
11598+5137	1	FCA	A 58501 B 58501	9.354 0.019 11.328 0.107	9.781 0.018 11.814 0.099	9.270 0.017 11.052 0.085		179.961 466 05 179.954 337 86	+51.616 652 57 +51.618 136 03	5.30 5.30	-93.93 70.13 -93.93 70.13	1.78 1.67 2.43 1.97 1.69 29.23 24.63 2.43 1.97 1.69	A	288.5	16.80												
11598+5324	1	FCA	A 58496 B 58496	9.139 0.006 9.910 0.011				179.953 071 35 179.953 151 75	+53.397 760 53 +53.398 081 66	3.56 3.56	-44.46 -18.86 -44.46 -18.86	1.21 1.39 1.85 1.29 1.28 3.72 4.39 1.85 1.29 1.28	A	8.5	1.17												
12001+8700	1	LCA	A 58531 B 58508	8.117 0.007 9.572 0.022	8.197 0.009 9.795 0.028	8.057 0.010 9.421 0.029		180.045 124 36 179.987 310 72	+86.994 444 26 +86.995 197 09	3.79 -0.35	-38.40 -4.73 -36.62 -3.27	1.55 1.56 1.37 1.75 1.68 8.43 6.59 3.37 8.53 4.88	A	283.98	11.24	+0.01	0.00										
12003-6122	1	FCA	A 58544 B 58544	8.155 0.005 9.939 0.025	8.108 0.008 9.820 0.025	8.149 0.011 9.821 0.038		180.075 402 85 180.078 222 08	-61.367 864 60 -61.369 356 44	1.36 1.36	-13.52 -0.31 -13.52 -0.31	0.95 0.93 1.14 1.13 0.95 6.94 5.69 1.14 1.13 0.95	A	137.8	7.25												
12005-2428	1	FCA	A 58559 B 58559	8.777 0.008 9.322 0.013	8.891 0.017 9.506 0.024	8.741 0.020 9.179 0.026		180.117 475 04 180.118 836 62	-24.458 072 52 -24.460 504 02	1.69 1.69	-37.08 2.06 -37.08 2.06	1.87 1.25 1.68 1.73 1.01 4.91 3.76 1.68 1.73 1.01	A	152.99	9.82												
12006+1820	1	FCC	A 58568 B 58568	8.062 0.005 11.980 0.181				180.158 397 22 180.158 435 63	+18.334 718 94 +18.334 837 46	5.03 5.03	3.05 -5.43 3.05 -5.43	1.88 1.30 1.36 1.64 0.79 82.65 37.74 1.36 1.64 0.79	A	17	0.45												
12006+6911	1	FCA	A 58567 S 58567	7.880 0.149 8.811 0.350				180.156 454 74 180.156 386 46	+69.185 482 67 +69.185 505 56	5.12 5.12	-23.46 -7.70 -23.46 -7.70	6.63 6.27 0.65 0.53 0.48 14.14 14.22 0.65 0.53 0.48	A	313	0.12												



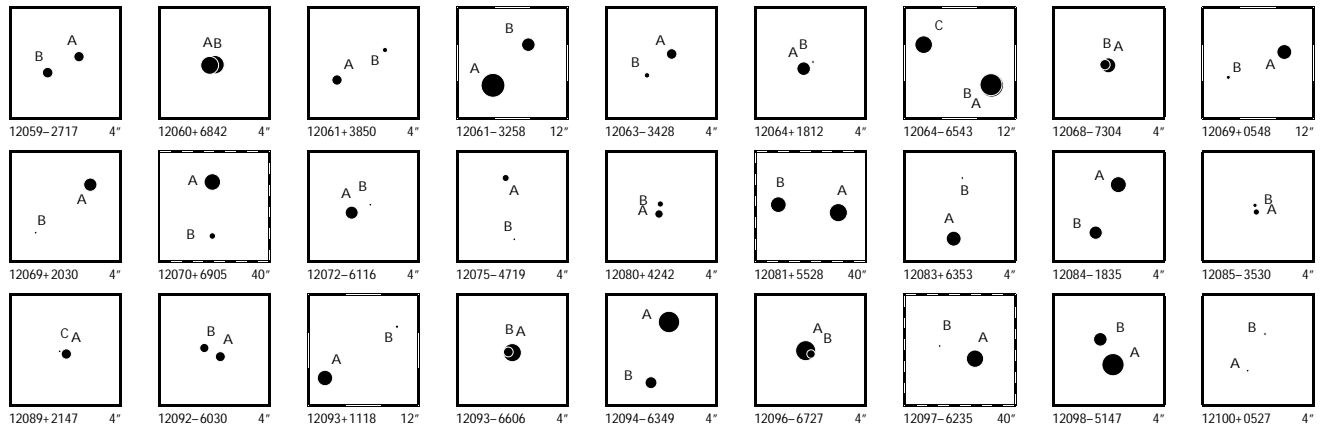
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	σ	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12008-1209	1	F	N	A 58579 B 58579	8.337 0.018 9.974 0.067		8.806 0.019	8.218 0.018	180.198 124 06	-12.157 477 73	10.83	-98.99	-31.44	2.27	1.53	2.30	2.11	1.57			A	82.6	1.75		
12008-5444	1	F	C	A 58583 B 58583	9.215 0.009 12.161 0.136		10.357 0.027	9.084 0.016	180.207 774 88	-54.726 106 20	2.54	16.09	-7.00	1.46	1.52	2.03	1.62	1.48			A	24	2.10		
12010+4347	1	F	C	A 58600 B 58600	9.814 0.009 11.459 0.039				180.247 582 48	+43.791 020 72	5.69	33.38	-27.40	2.20	1.94	2.75	2.11	1.90			A	27	0.58		
12012-4033	1	F	C	A 58614 B 58614	9.890 0.006 11.914 0.034				180.303 480 55	-40.552 626 92	9.34	-45.86	-20.45	1.77	1.26	1.79	1.68	1.23			A	24	1.01		
12014-2132	1	F	C	A 58629 B 58629	8.701 0.006 9.778 0.015		9.103 0.022	8.550 0.017	180.348 349 31	-21.532 514 44	9.10	3.96	-55.28	1.76	1.30	1.95	1.73	1.17			A	86.4	1.864		
12015+3444	1	F	C	A 58640 B 58640	9.914 0.062 10.398 0.097				180.367 570 13	+34.735 551 95	5.58	2.87	11.42	4.47	5.77	1.41	1.27	0.86			A	17	0.191		
12015-4958	1	F	C	A 58647 B 58647	9.744 0.009 10.344 0.014		9.924 0.029	9.377 0.026	180.386 290 15	-49.973 302 42	8.60	-114.83	-4.59	2.35	2.08	3.10	2.27	1.72			A	86.5	1.896		
12016+7051	1	F	C	A 58651 B 58651	7.467 0.003 10.537 0.053		8.756 0.010	7.408 0.006	180.407 894 13	+70.849 839 09	5.46	-14.88	9.24	0.74	0.68	0.82	0.75	0.65			A	234.7	5.41		
12017+4728	1	F	C	A 58659 B 58659	10.034 0.273 11.114 0.738				180.433 847 49	+47.464 121 77	9.23	-80.82	-5.52	22.88	37.61	2.14	1.83	1.59			A	229	0.23		
12017-4150	1	F	C	A 58660 B 58660	8.152 0.004 8.262 0.004				180.434 209 90	-41.828 824 36	7.21	-30.54	0.23	1.27	1.33	1.84	1.40	1.14			A	317.1	0.780		
12018-3439	1	L	C	A 58669 B 58669	7.376 0.003 8.445 0.008				180.442 613 02	-34.650 343 16	17.80	-185.79	10.81	0.98	0.68	1.00	0.88	0.56			A	93.1	0.752	-0.9	-0.010
12018-6616	1	F	C	A 58670 B 58670	9.528 0.006 10.984 0.023				180.447 161 98	-66.268 872 19	6.08	-22.75	4.20	1.38	1.33	1.57	1.56	1.28			A	226.1	0.90		
12021+4304	1	F	C	A 58648 B 58648	9.011 0.015 12.318 0.238				180.387 890 39	+43.041 702 66	6.68	65.86	-21.34	2.66	1.91	3.01	2.56	2.15			A	86	0.63		
12022-3800	1	F	C	A 58688 B 58688	10.681 0.011 13.523 0.149		12.003 0.119	10.712 0.059	180.555 201 56	-38.007 408 83	42.00	-131.89	-249.77	2.35	1.93	2.81	2.29	1.94			A	318	3.42		
12022-5232	1	L	C	A 58692 B 58692	8.162 0.005 8.545 0.006				180.563 599 17	-52.529 773 22	4.52	-31.93	-2.55	1.33	1.59	2.06	1.28	1.23			A	223.1	0.669	-0.1	+0.005
12023+7222	1	I	C	A 58693 B 58693	9.672 0.013 10.233 0.018		10.798 0.055	9.625 0.033	180.566 628 76	+72.361 958 02	0.54	17.27	5.16	3.18	3.04	3.03	3.15	2.72			A	38.44	12.16	-0.12	-0.01
12024-8538	1	I	D	A 58697 B 58713	6.187 0.018 9.009 0.184		7.696 0.007	6.163 0.004	180.586 150 49	-85.631 760 87	9.74	-56.44	1.55	1.09	1.05	0.97	1.02	0.95			A	145.7	24.91	0.0	+0.01
12025+2145	1	L	C	A 58707 B 58707	8.771 0.008 11.496 0.091		9.291 0.013	8.658 0.011	180.621 353 08	+21.746 808 95	11.83	-85.89	-11.65	2.92	1.23	2.26	2.43	0.97			A	146.5	3.02	-2.2	+0.05
12025-5426	1	F	C	A 58705 B 58705	9.965 0.084 10.652 0.158				180.613 677 03	-54.440 711 08	4.67	-7.06	-6.79	5.48	7.36	1.84	1.45	1.36			B	151	0.21		
12026+4117	1	F	C	A 58716 B 58716	8.978 0.096 10.239 0.306				180.646 684 66	+41.280 681 93	4.74	-5.12	-5.07	4.41	7.14	1.15	0.78	0.78			A	189	0.16		
12028+0749	1	F	C	A 58727 B 58727	9.386 0.006 11.620 0.045		9.972 0.023	9.310 0.020	180.688 757 91	+7.824 043 38	5.71	-57.05	5.68	1.86	1.34	1.87	1.91	1.07			A	167.7	3.32		
12028+2450	1	F	C	A 58731 B 58731	8.469 0.040 11.182 0.486				180.694 501 85	+24.836 202 87	10.85	31.30	-22.52	7.10	4.75	2.11	2.53	1.22			A	188	0.20		
12031-4632	1	F	C	A 58763 B 58763	9.293 0.006 10.602 0.020		9.687 0.019	9.124 0.015	180.775 219 01	-46.527 076 83	6.62	-88.09	18.11	1.38	1.45	2.13	1.38	1.35			A	68.7	2.16		
12031-4939	1	F	C	A 58761 B 58761	7.658 0.019 10.417 0.243				180.766 290 54	-49.653 879 73	2.53	-1.48	-4.78	3.44	2.66	1.41	1.00	0.91			A	73	0.29		
12031-6613	1	F	D	A 58760 B 58760	9.203 0.015 13.029 0.512		9.691 0.018	9.171 0.018	180.765 053 41	-66.210 171 36	5.37	-37.50	-8.50	1.36	1.33	1.60	1.63	1.35			A	223	1.09		
12035+4124	1	L	C	A 58789 B 58789	10.145 0.011 11.213 0.028		10.643 0.034	10.004 0.031	180.868 996 34	+41.404 317 71	7.42	-23.13	-18.04	2.63	2.55	3.35	2.41	2.46			A	146.22	11.62	-0.23	-0.04
12035-0226	1	F	C	A 58791 B 58791	8.698 0.011 8.713 0.012				180.882 460 68	-2.446 939 66	3.64	-37.75	5.41	3.23	2.39	2.79	3.00	1.71			A	13.5	1.32		



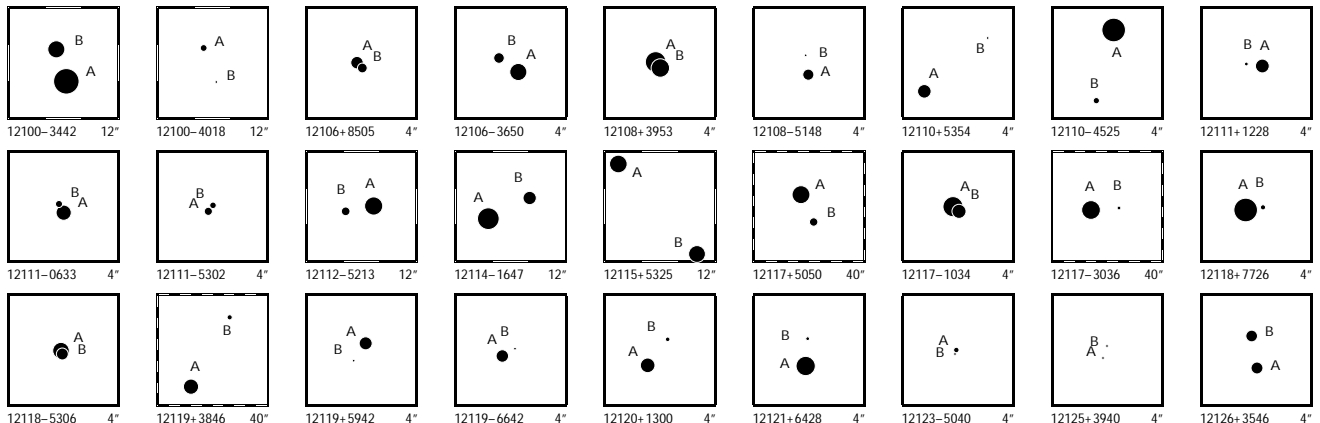
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry								
	S	N		H _p	σ	σ	σ	α	δ		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12036-3901	1	LCA	A 58799 B 58799	7.136 0.003 7.675 0.005							180.902 584 45 -39.008 964 67 180.902 893 37 -39.008 907 05	21.43 21.43	-369.36 -44.53 -385.05 -26.08	0.95 0.82 0.98 0.77 0.70 1.86 2.16 0.98 1.04 1.25	A	76.5	0.889	-1.4	-0.011						
12037+2506	1	FCA	A 58807 B 58807	9.889 0.022 10.728 0.046							180.934 579 95 +25.105 995 45 180.934 650 80 +25.106 066 31	4.94 4.94	-42.76 -27.39 -42.76 -27.39	3.53 2.34 2.51 3.15 1.49 9.11 6.28 2.51 3.15 1.49	A	42	0.34								
12038-4407	1	ICA	A 58813 B 58815	8.209 0.026 8.906 0.041	8.792 0.013 9.603 0.019	8.092 0.011 8.793 0.015					180.942 556 79 -44.122 851 86 180.948 481 01 -44.118 003 82	17.96 22.38	100.23 18.90 122.62 17.53	1.67 1.74 2.07 1.59 1.62 18.72 14.66 4.49 15.94 10.50	A	41.26	23.22	+0.04	+0.01						
12038-5745	1	FCA	A 58814 B 58814	8.186 0.004 9.725 0.017	8.027 0.008 9.448 0.046	8.087 0.009 9.290 0.047					180.945 617 87 -57.742 557 73 180.944 794 30 -57.742 799 89	2.00 2.00	-12.32 -1.50 -12.32 -1.50	0.91 0.97 1.36 0.91 0.96 3.77 4.72 1.36 0.91 0.96	A	241.1	1.807								
12040-1018	1	FCA	A 58830 B 58830	6.987 0.030 8.163 0.087							181.001 481 97 -10.296 139 73 181.001 445 34 -10.296 180 91	8.64 8.64	-11.48 11.74 -11.48 11.74	2.27 2.37 0.89 0.69 0.56 6.62 6.23 0.89 0.69 0.56	A	221	0.20								
12040-3037	1	FCA	A 58827 B 58827	9.489 0.007 11.436 0.041	10.528 0.037 10.542 0.038	9.372 0.023 9.852 0.034					180.993 560 70 -30.625 042 59 180.994 275 71 -30.625 021 64	2.09 2.09	-6.75 -19.76 -6.75 -19.76	1.77 1.36 2.08 2.16 1.42 14.19 10.67 2.08 2.16 1.42	A	88.1	2.22								
12041+3707	1	FND	D	A 58846 B 58846	9.829 0.009 13.327 0.213	11.033 0.039	9.756 0.021				181.033 242 39 +37.113 132 70 181.032 085 17 +37.113 444 79	-0.08 -0.08	4.98 -5.40 4.98 -5.40	1.60 1.14 1.77 1.61 1.14 64.64 49.49 1.77 1.61 1.14	A	289	3.51								
12042+2407	1	FCB	A 58850 S 58850	8.817 0.131 10.764 0.789							181.050 250 31 +24.119 465 72 181.050 209 24 +24.119 452 83	5.78 5.78	-32.00 -6.81 -32.00 -6.81	10.34 5.48 1.00 0.99 0.56 39.01 46.03 1.00 0.99 0.56	A	251	0.14								
12043+0724	1	INB	A 58864 B 58862	9.267 0.010 9.964 0.015	9.672 0.018 10.542 0.038	9.189 0.018 9.852 0.034					181.076 805 78 +7.399 116 84 181.072 794 12 +7.405 673 28	7.84 10.48	-4.18 -18.14 -5.67 -15.59	3.10 1.88 2.55 3.06 1.69 7.67 4.86 4.46 4.95 2.85	A	328.75	27.608	0.00	+0.003						
12043+2128	1	FCA	A 58858 B 58858	6.217 0.003 7.629 0.012	6.399 0.005 7.790 0.012	6.150 0.006 7.478 0.016					181.069 066 86 +21.459 163 32 181.068 143 80 +21.458 586 99	9.09 9.09	35.20 -4.43 35.20 -4.43	1.74 0.79 1.40 1.62 0.75 9.81 2.95 1.40 1.62 0.75	A	236.1	3.72								
12046-6820	1	FCA	A 58884 B 58884	5.557 0.002 7.233 0.009							181.162 278 40 -68.328 896 73 181.162 476 10 -68.329 068 69	9.61 9.61	-39.05 -6.40 -39.05 -6.40	0.45 0.52 0.58 0.44 0.47 2.91 2.67 0.58 0.44 0.47	A	157.0	0.673								
12047+0046	1	FCA	B 58888 A 58888	10.049 0.068 10.279 0.084							181.164 474 26 +0.759 596 50 181.164 443 11 +0.759 551 13	3.37 3.37	-5.02 7.64 -5.02 7.64	4.65 5.87 1.26 1.42 0.76 5.97 6.60 1.26 1.42 0.76	B	214	0.198								
12047-5034	1	FCA	A 58897 B 58897	9.268 0.044 10.881 0.195							181.180 290 31 -50.560 022 15 181.180 237 29 -50.559 972 29	0.60 0.60	-20.80 1.54 -20.80 1.54	2.86 3.78 1.61 1.06 1.29 14.33 18.72 1.61 1.06 1.29	A	326	0.22								
12048+5648	1	FCA	A 58902 B 58902	10.059 0.008 10.136 0.009							181.191 379 30 +56.801 805 00 181.191 609 58 +56.801 915 70	8.36 8.36	23.89 3.04 23.89 3.04	3.75 3.58 3.75 4.64 3.59 5.27 4.79 3.75 4.64 3.59	A	49	0.604								
12048-6200	1	FND	X	A 58906 B 58910 C 58909	7.433 0.064 8.834 0.168 9.952 0.342	7.587 0.007 8.400 0.019 10.157 0.034	7.401 0.007 7.864 0.018 10.019 0.046				181.195 767 93 -61.996 833 80 181.203 438 04 -62.002 292 35 181.200 453 15 -61.990 275 05	1.02 1.02 1.02	-6.13 0.16 -6.13 0.16 -6.13 0.16	1.41 1.52 1.79 1.51 1.54 21.18 21.43 1.79 1.51 1.54 37.80 40.12 1.79 1.51 1.54	A	146.6	23.54								
12050+5651	1	FND	D	A 58920 B 58920	11.341 0.025 13.437 0.167	11.906 0.099	11.065 0.075				181.238 307 25 +56.843 564 69 181.237 596 92 +56.844 028 41	-3.23 -3.23	10.95 -2.06 10.95 -2.06	2.74 2.77 3.69 3.60 3.01 48.95 44.90 3.69 3.60 3.01	A	320	2.18								
12050-4612	1	FCA	A 58926 B 58926	8.874 0.073 11.090 0.563							181.248 919 65 -46.196 322 65 181.248 885 44 -46.196 279 87	1.66 1.66	-1.19 -13.25 -1.19 -13.25	4.28 6.20 1.14 0.66 0.81 25.25 35.14 1.14 0.66 0.81	A	331	0.18								
12051+4134	1	FCB	A 58941 B 58941	10.425 0.018 13.142 0.214							181.282 377 10 +41.567 506 36 181.282 292 37 +41.567 597 35	6.46 6.46	4.00 1.27 4.00 1.27	2.61 2.91 2.80 2.05 2.36 38.03 36.50 2.80 2.05 2.36	A	325	0.40								
12055-6955	1	FCA	A 58974 B 58974	9.569 0.027 10.204 0.049							181.387 134 27 -69.913 172 24 181.387 070 65 -69.913 252 17	3.45 3.45	-8.40 -1.02 -8.40 -1.02	2.96 4.41 1.46 1.29 1.14 6.65 7.62 1.46 1.29 1.14	A	195	0.30								
12056+5156	1	FCA	A 58980 B 58980	7.715 0.004 8.310 0.007	8.603 0.008 8.533 0.008	7.595 0.006 8.260 0.008					181.393 348 43 +51.931 198 99 181.396 853 58 +51.931 108 07	4.37 4.37	16.01 -5.73 16.01 -5.73	0.93 1.11 1.68 1.09 1.09 2.23 2.96 1.68 1.09 1.09	A	92.41	7.788								
12056+5253	1	FCA	A 58982 B 58982	8.128 0.003 10.851 0.039	8.559 0.007 10.994 0.114	8.058 0.007 10.558 0.129					181.396 795 54 +52.875 414 26 181.395 940 58 +52.876 131 26	8.74 8.74	-16.79 26.05 -16.79 26.05	0.71 0.81 1.15 0.79 0.88 9.17 10.85 1.15 0.79 0.88	A	324.3	3.18								
12056+6847	1	FCA	A 58979 B 58979	7.560 0.006 10.885 0.128	8.741 0.011 11.454 0.090	7.481 0.007 10.674 0.075					181.389 683 26 +68.794 370 26 181.391 568 66 +68.791 634 82	4.08 4.08	-6.10 -27.78 -6.10 -27.78	0.88 0.91 1.01 0.95 0.89 23.11 25.68 1.01 0.95 0.89	A	166.0	10.15								
12056-4812	1	ICB	A 58987 B 58988	11.739 0.023 13.767 0.133							181.410 491 07 -48.202 515 52 181.411 224 16 -48.198 928 34	1.38 9.69	-11.60 4.76 6.50 22.30	7.02 6.51 8.71 6.63 6.37 65.55 63.47 31.91 23.51 23.01	A	7.8	13.03	+0.1	+0.02						
12057+6256	1	FCB	A 58989 B 58989	6.308 0.003 10.277 0.099	7.692 0.005	6.271 0.004					181.415 678 63 +62.933 294 21 181.414 948 27 +62.932 814 95	8.73 8.73	-48.82 -71.60 -48.82 -71.60	0.60 0.58 0.69 0.64 0.60 28.50 32.70 0.69 0.64 0.60	A	215	2.10								
12057-4049	1	FCA	A 58991 B 58991	9.524 0.056 10.027 0.088							181.428 215 11 -40.814 572 62 181.428 204 39 -40.814 519 43	1.63 1.63	-22.91 -4.17 -22.91 -4.17	4.14 5.45 1.16 1.14 0.98 6.41 7.84 1.16 1.14 0.98	A	351	0.194								
12059+2628	1	FND	D	A 59004 B 59004	9.291 0.027 13.178 0.951						181.476 301 64 +26.467 319 21 181.476 428 43 +26.467 283 72	7.20 7.20	-64.13 -48.29 -64.13 -48.29	2.61 1.30 1.77 2.27 1.14 182.11 81.19 1.77 2.27 1.14	A	107	0.43								
12059+5017	1	FND	D	A 59007 B 59007	8.807 0.007 13.055 0.338						181.484 369 55 +50.291 665 04 181.484 563 57 +50.291 573 33	4.12 4.12	21.89 -31.79 21.89 -31.79	1.26 1.13 1.49 1.38 1.20 96.50 85.01 1.49 1.38 1.20	A	126	0.56								



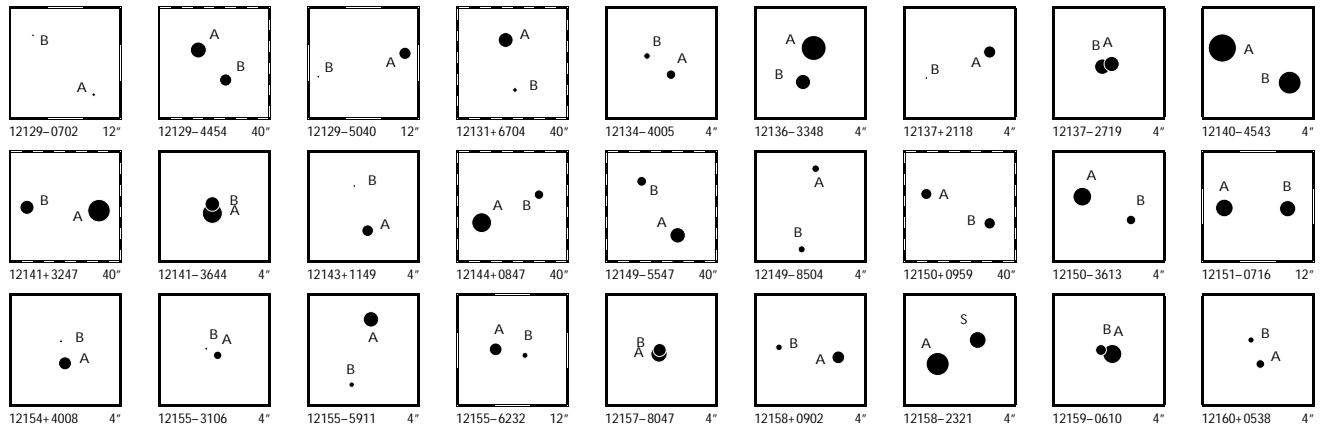
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12059-2717	1	F CA	B 59006 A 59006	9.667 9.698	0.007 0.007						181.481 183 00 181.480 813 63	-27.289 807 81 -27.289 641 65	3.74 3.74	51.65 51.65	-35.66 -35.66	2.99 4.39	2.05 2.70	2.93 2.93	2.82 2.82	1.60 1.60	B	296.8	1.325		
12060+6842	1	L CA	B 59017 A 59017	7.895 8.011	0.052 0.058						181.505 647 91 181.505 758 51	+68.698 757 68 +68.698 758 51	7.66 7.66	-25.16 -19.52	-39.92 -24.04	5.29 5.86	3.81 4.25	0.70 1.44	1.32 1.44	2.17 2.42	B	89	0.197	-5	+0.006
12061+3850	1	L CA	A 59028 B 59028	9.705 10.840	0.008 0.021	10.119 10.623	0.026 0.112	9.407 9.921	0.017 0.065		181.536 030 24 181.535 394 41	+38.828 600 76 +38.828 904 84	10.07 10.07	-25.64 -44.63	-63.65 -76.37	2.69 10.14	1.84 7.35	2.48 2.48	2.23 5.62	1.81 5.01	A	301.5	2.09	-0.6	+0.01
12061-3258	1	L CA	A 59021 B 59021	6.738 9.018	0.003 0.021	7.337 9.801	0.006 0.029	6.677 8.841	0.005 0.021		181.521 871 40 181.520 558 34	-32.960 759 04 -32.959 521 39	19.48 19.48	-77.55 -65.87	-194.27 -202.32	0.99 7.45	0.78 5.28	1.01 1.01	0.86 5.13	0.65 3.36	A	318.33	5.965	+0.03	-0.014
12063-3428	1	F CA	A 59042 B 59042	9.645 10.772	0.006 0.018	10.054	0.030	9.362	0.027		181.571 506 31 181.571 816 35	-34.472 333 47 -34.472 557 55	3.88 3.88	74.69 74.69	11.41 11.41	1.62 5.69	1.09 4.24	1.68 1.68	1.53 1.53	1.00 1.00	A	131.2	1.22		
12064+1812	1	F CB	A 59049 B 59049	9.016 11.960	0.015 0.221						181.593 430 33 181.593 327 68	+18.200 784 56 +18.200 851 19	6.04 6.04	-40.31 -40.31	-1.17 -1.17	3.44 55.00	2.09 30.12	2.37 2.37	2.32 2.32	1.18 1.18	A	304	0.43		
12064-6543	1	F NB	G A 59050 B 59050 C 59050	6.788 7.142 8.095	0.136 0.188 0.018	8.390	0.015	7.970	0.013		181.596 158 51 181.596 216 16 181.601 257 15	-65.709 439 57 -65.709 407 06 -65.708 182 69	5.76 5.76 5.76	-51.58 -51.58 -51.58	-11.20 -11.20 -11.20	2.38 5.72 5.05	3.12 6.48 5.39	0.71 0.71 0.71	0.61 0.61 0.61	0.54 0.54 0.54	A A A	36 59.07	0.145 8.80		
12068-7304	1	F CC	A 59070 B 59070	8.722 9.700	0.390 0.960						181.704 069 54 181.704 162 37	-73.071 746 70 -73.071 736 76	1.97 1.97	-15.26 -15.26	-2.72 -2.72	19.62 44.39	9.58 31.42	0.81 0.81	0.68 0.68	0.67 0.67	A	71	0.11		
12069+0548	1	F CA	A 59080 B 59080	8.724 11.076	0.008 0.065	9.465	0.019	8.643	0.015		181.734 880 18 181.736 616 33	+5.804 008 11 +5.803 220 27	22.87 22.87	244.13 244.13	-246.64 -246.64	1.73 17.49	1.24 9.77	1.72 1.72	1.86 1.86	1.03 1.03	A	114.5	6.83		
12069+2030	1	F ND	D A 59078 B 59078	9.053 12.256	0.008 0.138	9.449	0.017	8.988	0.017		181.732 035 69 181.732 632 33	+20.492 934 16 +20.492 428 89	3.18 3.18	-30.37 -30.37	5.03 5.03	1.56 47.34	0.90 21.34	1.54 1.54	1.52 1.52	0.84 0.84	A	132	2.71		
12070+6905	1	F CA	A 59094 B 59095	8.314 10.580	0.025 0.166	8.821	0.011	8.243	0.010		181.781 536 42 181.781 667 38	+69.076 238 29 +69.070 739 15	11.27 11.27	6.09 5.39	30.98 6.13	1.92 37.29	2.01 39.23	1.85 1.85	1.94 9.54	1.99 12.06	A	179.5	19.80		
12072-6116	1	F ND	D A 59101 B 59101	9.124 13.120	0.021 0.820						181.797 144 99 181.796 742 37	-61.264 440 36 -61.264 367 57	-1.17 -1.17	-4.41 -4.41	-0.15 -0.15	1.95 127.26	1.84 125.32	2.29 2.29	2.11 2.11	1.97 1.97	A	291	0.74		
12075-4719	1	F CA	A 59132 B 59132	10.418 11.691	0.014 0.046	10.797	0.037	10.235	0.035		181.886 094 48 181.885 959 42	-47.315 457 46 -47.316 081 79	0.44 0.44	-2.53 -2.53	-27.39 -27.39	2.47 10.38	2.05 9.02	3.10 3.10	2.53 2.53	2.08 2.08	A	188.3	2.27		
12080+4242	1	F CA	A 59162 B 59162	10.148 10.639	0.015 0.023						181.997 053 23 181.997 038 85	+42.699 293 15 +42.699 395 69	3.03 3.03	6.21 6.21	1.92 1.92	2.89 7.01	2.77 4.70	3.04 3.04	2.35 2.35	3.29 3.29	A	354	0.371		
12081+5528	1	I CA	A 59176 B 59180	7.961 8.522	0.038 0.055	8.379 8.967	0.009 0.013	7.827 8.358	0.009 0.012		182.030 221 37 182.041 058 03	+55.464 123 30 +55.464 933 98	19.47 21.54	-178.06 -180.35	-16.89 -32.53	1.71 10.69	1.81 13.06	1.95 3.71	1.89 10.63	2.05 9.84	A	82.48	22.31	+0.04	0.00
12083+6353	1	F ND	D A 59190 B 59190	8.691 12.669	0.007 0.278	9.144	0.013	8.636	0.013		182.079 093 88 182.078 907 63	+63.886 507 19 +63.887 129 07	8.00 8.00	-4.52 -4.52	35.75 35.75	0.99 57.50	1.08 59.21	1.15 1.15	1.12 1.12	1.11 1.11	A	352	2.26		
12084-1835	1	F CA	A 59195 B 59195	8.487 9.047	0.004 0.007	8.734 9.335	0.023 0.020	8.315 8.869	0.020 0.022		182.088 575 56 182.088 811 81	-18.581 520 41 -18.582 006 75	5.33 5.33	59.81 59.81	-44.54 -44.54	1.94 4.71	1.52 2.60	2.23 2.23	1.84 1.84	1.49 1.49	A	155.3	1.928		
12085-3530	1	F CA	A 59206 B 59206	10.613 11.027	0.067 0.097						182.133 210 32 182.133 230 45	-35.495 247 31 -35.495 186 62	9.30 9.30	-42.34 -42.34	-3.07 -3.07	6.51 12.19	7.33 10.78	2.00 2.00	1.95 1.95	1.33 1.33	A	15	0.23		
12089+2147	1	F ND	D A 59233 B 59233	9.744 11.987	0.036 0.285						182.228 790 25 182.228 863 01	+21.788 640 23 +21.788 672 05	8.87 8.87	-392.27 -392.27	37.55 37.55	3.88 50.85	2.22 31.72	2.23 2.23	3.07 3.07	1.31 1.31	A	65	0.27		
12092-6030	1	F CA	A 59251 B 59251	9.757 9.981	0.006 0.007						182.308 882 25 182.309 228 48	-60.494 040 93 -60.493 954 26	-0.44 -0.44	-27.50 -27.50	-1.34 -1.34	3.11 4.63	2.72 4.42	3.41 3.41	3.41 3.41	2.72 2.72	A	63.1	0.689		
12093+1118	1	F CA	A 59255 B 59255	8.596 11.251	0.004 0.042	8.989	0.014	8.526	0.013		182.320 788 11 182.318 530 01	+11.291 800 38 +11.290 370 55	8.60 8.60	-44.31 -44.31	-28.59 -28.59	1.35 14.76	0.93 9.36	1.49 1.49	1.80 1.80	0.89 0.89	A	305.34	9.77		
12093-6606	1	F CB	A 59254 B 59254	7.953 9.848	0.131 0.751						182.319 432 14 182.319 520 91	-66.107 809 10 -66.107 801 63	2.41 2.41	-19.01 -19.01	-2.26 -2.26	8.86 39.96	7.14 43.55	0.74 0.74	0.65 0.65	0.57 0.57	A	78	0.13		
12094-6349	1	F CA	A 59265 B 59265	7.250 9.363	0.011 0.055	8.933	0.018	7.440	0.008		182.346 747 55 182.347 162 47	-63.820 321 79 -63.820 936 63	2.10 2.10	-5.42 -5.42	0.80 0.80	1.07 10.25	1.07 8.40	1.29 1.29	1.32 1.32	1.09 1.09	A	163.4	2.31		
12096-6727	1	F CB	A 59281 B 59281	7.586 10.155	0.045 0.483						182.409 157 28 182.409 028 27	-67.454 137 88 -67.454 176 84	6.12 6.12	-36.85 -36.85	-5.96 -5.96	5.71 33.55	7.42 45.36	1.17 1.17	1.01 1.01	1.00 1.00	A	232	0.23		
12097-6235	1	F CB	A 59288 B 59288	8.184 11.383	0.008 0.147	8.173	0.008	8.184	0.010		182.435 796 22 182.443 583 93	-62.581 844 93 -62.580 580 93	0.03 0.03	-6.56 -6.56	1.54 1.54	1.01 39.30	1.13 32.25	1.29 1.29	1.13 1.13	1.30 1.30	A	70.6	13.69		
12098-5147	1	F CA	A 59290 B 59290	7.055 9.023	0.003 0.018						182.444 242 97 182.444 455 06	-51.783 877 84 -51.783 623 78	1.67 1.67	0.02 0.02	0.88 0.88	0.66 5.18	0.74 5.96	1.03 1.03	0.69 0.69	0.72 0.72	A	27.3	1.03		
12100+0527	1	F CA	A 59301 B 59301	11.908 12.669	0.026 0.053						182.494 912 89 182.494 738 39	+5.454 720 85 +5.455 098 52	24.11 24.11	29.88 29.88	-105.78 -105.78	5.70 30.85	4.12 14.94	5.50 5.50	5.50 5.50	3.86 3.86	A	335	1.50		



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12100-3442	1	F CA	A 59307 B 59307	6.355 0.003 8.231 0.014	6.325 0.006 8.294 0.025	6.332 0.007 8.003 0.027		182.510 754 78 182.511 130 68	-34.704 736 05 -34.703 770 04	9.92 9.92	-44.96 -44.96	-2.30 -2.30	0.90 0.66 1.02 1.08 0.69 5.39 3.03 1.02 1.08 0.69	A	17.7	3.651										
12100-4018	1	F CA	A 59302 B 59302	10.478 0.010 12.101 0.045	11.200 0.053	10.453 0.044		182.494 793 93 182.494 276 39	-40.295 166 12 -40.296 187 42	10.34 10.34	-224.74 -224.74	-4.53 -4.53	2.42 1.71 2.79 2.45 2.00 14.50 11.10 2.93 2.45 2.00	A	201.1	3.94										
12106+8505	1	F CA	A 59355 B 59355	9.256 0.019 9.838 0.033				182.655 826 93 182.655 184 76	+85.078 825 76 +85.078 769 68	3.19 3.19	-12.12 -12.12	-6.61 -6.61	2.44 2.42 0.93 1.03 0.83 4.23 4.17 0.93 1.03 0.83	A	224	0.283										
12106-3650	1	F CA	A 59354 B 59354	8.236 0.004 9.683 0.013				182.650 072 47 182.650 308 25	-36.834 868 84 -36.834 721 51	4.77 4.77	-54.01 -54.01	-2.19 -2.19	1.10 0.84 1.28 0.94 0.81 5.00 3.45 1.28 0.94 0.81	A	52.0	0.862										
12108+3953	1	L CA	A 59366 B 59366	7.439 0.014 7.934 0.022				182.697 290 44 182.697 226 89	+39.891 560 69 +39.891 499 67	10.09 10.09	-55.17 -31.16	-8.95 -15.54	1.66 1.87 0.93 0.74 1.06 2.46 2.70 0.93 0.97 1.56	A	218.6	0.281	-4.7	-0.010								
12108-5148	1	F FD D	A 59368 B 59368	9.513 0.017 11.947 0.143				182.701 749 34 182.701 790 28	-51.804 575 62 -51.804 379 96	0.71 0.71	-20.95 -20.95	0.02 0.02	2.33 2.59 3.67 2.62 2.62 35.81 35.83 3.67 2.62 2.62	A	7	0.71										
12110+5354	1	F CC	A 59379 B 59379	8.998 0.019 12.413 0.412	9.501 0.013	8.918 0.012		182.740 949 08 182.739 847 73	+53.903 229 29 +53.903 779 46	7.91 7.91	10.94 10.94	8.81 8.81	1.10 1.08 1.49 1.28 1.19 61.24 62.19 1.49 1.28 1.19	A	310	3.06										
12110-4525	1	F CB	A 59392 B 59392	6.808 0.003 10.601 0.093	8.005 0.006	6.751 0.004		182.762 194 47 182.762 450 40	-45.422 864 13 -45.423 592 19	2.62 2.62	-19.43 -19.43	-0.72 -0.72	0.60 0.56 0.91 0.58 0.56 19.74 27.06 0.91 0.58 0.56	A	166.1	2.70										
12111+1228	1	F CA	A 59400 B 59400	8.948 0.006 11.155 0.045				182.783 309 26 182.783 478 09	+12.471 026 90 +12.471 040 50	4.06 4.06	-28.66 -28.66	-8.09 -8.09	2.06 1.35 1.85 2.27 1.02 16.86 17.80 1.85 2.27 1.02	A	85	0.60										
12111-0633	1	F CA	A 59402 B 59402	8.619 0.008 10.425 0.039				182.786 149 91 182.786 197 86	-6.553 120 04 -6.553 033 70	3.73 3.73	22.21 22.21	-36.35 -36.35	1.81 1.62 1.54 1.42 1.04 9.22 8.10 1.54 1.42 1.04	A	29	0.35										
12111-5302	1	F CA	A 59395 B 59395	10.185 0.030 10.535 0.042				182.771 983 18 182.771 912 84	-53.038 137 36 -53.038 071 16	9.97 9.97	-73.56 -73.56	25.84 25.84	3.42 3.84 2.44 1.97 1.64 6.32 6.30 2.44 1.97 1.64	A	327	0.283										
12112-5213	1	F CA	A 59413 B 59413	7.962 0.004 10.067 0.024	8.138 0.009 10.270 0.066	7.919 0.011 9.704 0.068		182.811 850 07 182.813 273 09	-52.217 528 35 -52.217 676 74	7.44 7.44	-32.13 -32.13	-10.95 -10.95	0.85 0.92 1.33 0.90 0.90 6.46 7.19 1.33 0.90 0.90	A	99.7	3.18										
12114-1647	1	L CA	A 59426 B 59426	7.216 0.004 9.035 0.021	7.946 0.008 9.833 0.047	7.122 0.008 8.786 0.034		182.845 832 47 182.844 510 94	-16.790 704 19 -16.790 089 60	29.09 29.09	-153.83 -132.43	-56.45 -43.41	1.24 0.90 1.25 1.15 0.74 8.22 6.94 1.25 1.15 0.74	A	295.91	5.06	+0.24	-0.01								
12115+5325	1	INB	A 59432 B 59432	8.113 0.017 8.295 0.019	9.136 0.014 9.225 0.014	8.074 0.010 8.245 0.010		182.866 356 55 182.862 327 67	+53.421 820 50 +53.419 048 98	37.72 31.70	-164.20 -175.98	-123.09 -137.61	5.10 5.48 4.17 3.44 3.43 3.13 3.24 3.95 3.42 3.37	A	220.90	13.20	0.00	+0.02								
12117+5050	1	F CA	A 59454 B 59454	8.026 0.005 10.130 0.031	8.295 0.009 10.606 0.045	7.970 0.009 9.971 0.041		182.923 989 49 182.921 936 35	+50.837 720 68 +50.834 915 82	7.35 7.35	-16.33 -16.33	22.24 22.24	0.96 1.01 1.39 1.12 1.09 8.79 8.32 1.39 1.12 1.09	A	204.81	11.12										
12117-1034	1	F CA	A 59452 B 59452	7.568 0.011 8.893 0.038				182.917 958 79 182.917 892 46	-10.570 609 22 -10.570 661 26	6.10 6.10	-25.36 -25.36	1.06 1.06	1.99 1.71 1.17 1.02 0.74 6.61 6.03 1.17 1.02 0.74	A	231	0.30										
12117-3036	1	F CB	A 59456 B 59456	7.836 0.006 11.143 0.121	8.880 0.012 11.972 0.246	7.764 0.008 10.754 0.124		182.924 716 65 182.921 397 11	-30.603 769 04 -30.603 588 16	3.06 3.06	-25.56 -25.56	-14.22 -14.22	1.53 0.91 1.49 1.50 0.82 46.05 21.46 1.49 1.50 0.82	A	273.6	10.31										
12118+7726	1	F CC	A 59463 B 59463	6.808 0.003 10.887 0.113				182.951 396 12 182.950 586 22	+77.440 771 31 +77.440 794 20	4.62 4.62	1.93 1.93	6.44 6.44	0.62 0.59 0.63 0.62 0.54 24.34 30.23 0.63 0.62 0.54	A	277	0.64										
12118-5306	1	F CC	A 59464 B 59464	8.336 0.294 9.335 0.737				182.951 503 20 182.951 481 19	-53.093 193 30 -53.093 228 54	1.86 1.86	-25.19 -25.19	4.78 4.78	3.34 18.86 1.14 0.84 0.75 28.47 45.21 1.14 0.84 0.75	A	201	0.14										
12119+3846	1	INB	A 59471 B 59469	8.642 0.006 10.885 0.031	9.274 0.013 11.521 0.093	8.551 0.011 10.624 0.064		182.970 699 09 182.965 598 79	+38.767 814 05 +38.774 963 07	8.86 11.57	81.41 72.19	-40.88 -31.72	1.86 1.65 1.98 1.97 1.87 11.83 8.97 8.69 9.70 8.39	A	330.92	29.45	-0.01	+0.01								
12119+5942	1	F CA	A 59474 B 59474	9.138 0.006 11.917 0.077				182.982 248 57 182.982 492 08	+59.697 392 75 +59.697 207 77	13.37 13.37	-206.36 -206.36	-59.83 -59.83	1.17 1.26 1.54 1.27 1.26 18.61 21.44 1.54 1.27 1.26	A	146	0.80										
12119-6642	1	F CB	A 59473 B 59473	9.218 0.007 12.626 0.160				182.980 065 22 182.979 737 53	-66.695 546 57 -66.695 460 06	4.42 4.42	-17.81 -17.81	13.45 13.45	1.68 1.51 1.60 1.46 1.31 49.62 47.41 1.60 1.46 1.31	A	304	0.56										
12120+1300	1	F CA	A 59478 B 59478	8.750 0.008 10.999 0.065	9.083 0.013	8.614 0.013		182.988 858 62 182.988 654 11	+12.999 953 27 +13.000 221 00	11.62 11.62	-36.88 -36.88	6.05 6.05	1.63 1.14 1.65 1.90 0.94 15.80 14.92 1.65 1.90 0.94	A	323	1.20										
12121+6428	1	F CB	A 59497 B 59497	7.711 0.007 11.142 0.163	9.557 0.017	7.723 0.008		183.023 107 64 183.023 058 44	+64.463 797 76 +64.464 081 18	1.50 1.50	-26.86 -26.86	-1.28 -1.28	0.99 1.03 1.18 1.13 1.03 27.87 28.61 1.18 1.13 1.03	A	356	1.02										
12123-5040	1	F CB	A 59508 B 59508	10.825 0.273 11.373 0.452				183.070 102 36 183.070 125 75	-50.671 954 23 -50.672 000 59	-1.29 -1.29	2.62 2.62	-3.70 -3.70	8.99 14.62 2.51 1.78 1.87 27.35 52.21 2.51 1.78 1.87	A	162	0.18										
12125+3940	1	F CB	A 59534 B 59534	11.724 0.027 13.137 0.096				183.122 157 77 183.122 102 15	+39.674 747 82 +39.674 868 27	34.10 34.10	162.10 162.10	-160.46 -160.46	6.95 6.83 7.62 4.97 6.59 47.36 26.32 7.62 4.97 6.59	A	340	0.46										
12126+3546	1	F CB	A 59540 B 59540	9.383 0.010 9.408 0.010				183.141 657 94 183.141 719 15	+35.762 478 55 +35.762 813 68	3.99 3.99	10.61 10.61	6.00 6.00	3.10 2.17 3.04 3.48 2.23 5.23 5.30 3.04 3.48 2.23	A	8.4	1.22										

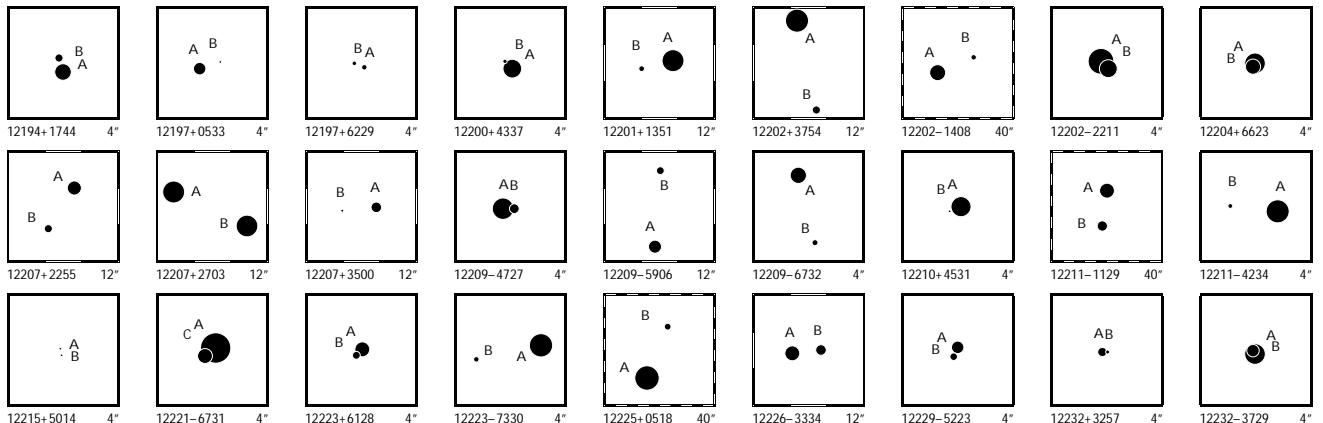


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^* mas	δ mas	π mas	μ_{α^*} mas/yr	μ_{δ} mas/yr	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
12129-0702	1	F	F	A 59559 B 59559	11.218 0.015 12.918 0.060						183.216 405 86 183.218 285 25	-7.038 440 43 -7.036 631 06	24.69 24.69	-191.10 -191.10	-33.36 -33.36	4.88 3.78 5.21 35.89 25.42 5.21	4.72 3.51 4.72 3.51					A	45.9	9.36		
12129-4454	1	I	N	B	A 59562 B 59555	8.455 0.016 9.285 0.033	9.623 0.014 9.993 0.018	8.365 0.009 9.398 0.017			183.220 265 22 183.216 313 12	-44.892 184 25 -44.895 344 72	2.01 10.84	-34.73 -18.68	-1.95 8.84	2.71 2.43 3.48 10.55 9.67 9.38	2.56 2.37 6.98 6.35				A	221.53	15.20	-0.02	-0.02	
12129-5040	1	F	N	D	A 59568 B 59568	9.307 0.012 12.854 0.293	9.741 0.016	9.268 0.016			183.234 152 65 183.238 382 03	-50.670 857 09 -50.671 577 90	10.42 10.42	9.67 9.67	-4.05 -4.05	1.37 1.73 2.23 59.94 66.34 2.23	1.41 1.67 1.41 1.67				A	105.1	9.99			
12131+6704	1	F	C	A	A 59585 B 59585	8.710 0.014 10.992 0.101	9.114 0.013 11.489 0.082	8.632 0.012 11.041 0.096			183.283 151 05 183.280 649 02	+67.073 429 52 +67.068 333 83	4.00 4.00	-9.71 -9.71	0.42 0.42	1.09 1.17 1.30 30.93 32.30 1.30	1.13 1.21 1.13 1.21				A	190.8	18.68			
12134-4005	1	F	C	A	A 59606 B 59606	9.916 0.006 10.534 0.011					183.351 176 37 183.351 497 96	-40.078 849 12 -40.078 662 93	8.73 8.73	-35.33 -35.33	-5.00 -5.00	2.73 1.80 3.03 8.07 1.25 3.03	2.43 1.75 2.43 1.75				A	52.9	1.11			
12136-3348	1	F	C	A	A 59622 B 59622	6.509 0.006 8.645 0.045	6.479 0.005	6.414 0.006			183.403 323 69 183.403 453 62	-33.792 881 26 -33.793 229 22	8.03 8.03	11.23 11.23	-15.42 -15.42	1.23 0.72 1.24 8.19 12.50 1.24	1.27 0.67 1.27 0.67				A	162.8	1.31			
12137+2118	1	F	C	A	A 59630 B 59630	9.296 0.005 11.805 0.047	10.036 0.025	9.186 0.019			183.432 607 10 183.433 304 44	+21.295 234 29 +21.294 961 42	9.03 9.03	-199.20 -199.20	-76.67 -76.67	1.68 1.09 1.80 19.19 12.41 1.80	1.85 1.07 1.85 1.07				A	112.8	2.54			
12137-2719	1	F	C	A	B 59629 A 59629	8.553 0.017 8.634 0.018					183.419 495 24 183.419 385 51	-27.321 146 03 -27.321 119 02	2.81 2.81	-13.02 -13.02	8.58 8.58	2.64 1.54 1.91 3.26 2.42 1.91	1.85 1.02 1.85 1.02				B	285.5	0.364			
12140-4543	1	F	C	A	A 59654 B 59654	5.750 0.003 6.977 0.008	7.579 0.007 8.343 0.008	5.776 0.005 6.900 0.006			183.511 362 05 183.510 375 23	-45.723 930 11 -45.724 286 91	5.76 5.76	-35.19 -35.19	4.41 4.41	0.60 0.54 0.83 2.04 1.74 0.83	0.57 0.54 0.57 0.54				A	242.62	2.793			
12141+3247	1	I	N	D	A 59660 B 59667	7.038 0.008 8.899 0.033	8.296 0.011 9.398 0.019	6.978 0.007 8.747 0.016			183.527 532 85 183.536 390 70	+32.784 217 91 +32.784 518 11	9.13 9.55	-107.56 -109.90	-5.15 -4.66	1.83 1.32 1.52 10.67 8.31 6.36	2.03 1.19 7.94 5.69				A	87.69	26.83	0.00	0.00	
12141-3644	1	L	C	A	A 59659 B 59659	7.540 0.004 8.789 0.014					183.525 951 82 183.525 961 15	-36.728 988 05 -36.728 897 24	7.16 7.16	-48.85 -39.63	-4.53 -9.97	1.31 1.08 0.98 4.46 2.65 0.98	0.83 0.60 2.33 1.32				A	4.7	0.328	+1.7	-0.005	
12143+1149	1	F	C	A	A 59683 B 59683	9.392 0.033 12.397 0.250	10.224 0.033	9.402 0.027			183.587 365 78 183.587 498 73	+11.819 536 26 +11.819 998 79	10.86 10.86	47.74 47.74	-107.26 -107.26	2.62 1.84 3.11 66.14 39.96 3.11	3.03 1.40 3.03 1.40				A	16	1.73			
12144+0847	1	I	N	B	A 59690 B 59687	7.628 0.026 9.922 0.164	8.219 0.010 10.895 0.055	7.546 0.009 9.743 0.031			183.613 728 58 183.607 833 30	+8.782 702 82 +8.785 519 08	19.08 -15.83	54.76 18.38	-131.19 -152.02	2.10 1.50 1.79 47.55 36.95 29.62	2.05 1.39 34.54 24.04				A	295.8	23.30	-0.1	+0.02	
12149-5547	1	I	C	A	A 59716 B 59721	8.553 0.010 9.829 0.026	9.004 0.013 10.535 0.034	8.506 0.012 9.647 0.025			183.711 500 16 183.718 104 20	-55.789 841 58 -55.784 314 96	9.92 9.42	-37.49 -36.73	-8.45 -5.87	2.16 2.16 2.53 8.01 8.24 6.90	2.47 2.29 6.79 5.61				A	33.90	23.97	0.00	0.00	
12149-8504	1	F	C	A	A 59731 B 59731	10.316 0.008 10.448 0.009	10.231 0.038 10.267 0.038	9.740 0.032 9.803 0.035			183.748 355 80 183.750 093 46	-85.057 607 64 -85.058 432 96	6.76 6.76	-14.96 -14.96	11.92 11.92	2.07 2.37 2.55 3.59 3.65 2.55	2.36 2.69 2.36 2.69				A	169.7	3.020			
12150+0959	1	I	C	B	A 59737 B 59739	9.495 0.012 9.546 0.012	9.799 0.025 9.933 0.037	9.404 0.025 9.401 0.035			183.757 795 90 183.764 425 53	+9.987 838 27 +9.990 890 26	17.22 4.43	-1.42 -3.83	-18.84 -8.72	7.21 4.79 5.98 5.62 3.28 3.16	7.20 5.00 9.21 2.24				B	64.95	25.95	-0.02	0.00	
12150-3613	1	L	C	A	A 59729 B 59729	7.843 0.002 9.874 0.015	7.974 0.006 8.991 0.030	7.760 0.007 9.377 0.034			183.748 526 02 183.747 899 19	-36.220 847 86 -36.221 090 93	7.71 7.71	-42.25 -51.58	-5.88 -8.16	1.01 0.73 1.11 7.37 5.84 1.11	0.74 0.59 3.73 3.22				A	244.3	2.020	+0.1	+0.009	
12151-0716	1	L	C	A	A 59743 B 59743	8.113 0.006 8.389 0.007	8.912 0.017 9.225 0.027	8.019 0.013 8.286 0.020			183.777 973 45 183.776 018 73	-7.257 193 52 -7.257 220 76	27.50 27.50	-248.62 -241.29	-54.83 -70.16	1.69 1.22 1.54 3.60 2.40 1.54	1.27 1.00 1.91 1.41				A	269.20	6.981	-0.13	-0.007	
12154+4008	1	F	C	A	A 59776 B 59776	9.092 0.006 11.333 0.042					183.859 270 67 183.859 325 30	+40.128 086 98 +40.128 307 84	25.35 25.35	-188.53 -188.53	44.26 44.26	1.13 1.42 1.92 12.58 11.35 1.92	1.12 1.51 1.12 1.51				A	11	0.81			
12155-3106	1	F	C	A	A 59780 B 59780	10.168 0.013 11.315 0.036					183.862 329 30 183.862 462 66	-31.093 948 54 -31.093 883 76	49.62 49.62	145.03 145.03	-57.72 -57.72	3.43 1.95 3.08 12.00 7.85 3.08	3.29 1.60 3.29 1.60				A	60	0.47			
12155-5911	1	F	C	A	A 59786 B 59786	8.563 0.007 10.821 0.058	9.207 0.014 10.567 0.101	8.492 0.012 9.859 0.062			183.887 576 12 183.887 953 35	-59.182 934 96 -59.183 611 74	12.52 12.52	-64.29 -64.29	-49.47 -49.47	1.18 1.26 1.59 11.29 13.55 1.59	1.35 1.23 1.35 1.23				A	163.9	2.54			
12155-6232	1	F	C	A	A 59781 B 59781	9.207 0.006 10.656 0.021	9.643 0.019 11.505 0.157	9.096 0.018 10.534 0.112			183.867 973 51 183.866 010 00	-62.539 029 69 -62.539 210 00	10.78 10.78	-37.86 -37.86	-7.80 -7.80	1.33 1.38 1.69 6.91 6.14 1.69	1.49 1.40 1.49 1.40				A	258.7	3.32			
12157-8047	1	F	C	A	A 59798 B 59798	8.414 0.060 9.148 0.118					183.936 446 80 183.936 389 85	-80.784 698 53 -80.784 650 10	2.80 2.80	-22.52 -22.52	-3.56 -3.56	3.09 5.70 0.67 5.90 8.46 0.67	0.72 0.59 0.72 0.59				A	349	0.177			
12158+0902	1	F	C	A	A 59804 B 59804	9.173 0.007 10.550 0.025	9.297 0.013 10.296 0.065	8.987 0.017 9.768 0.058			183.953 300 40 183.953 918 80	+9.034 782 67 +9.034 884 09	4.86 4.86	-1.59 -1.59	-9.43 -9.43	1.65 1.25 1.67 7.05 6.77 1.67	1.68 1.10 1.68 1.10				A	80.6	2.23			
12158-2321	1	F	C	A	A 59801 S 59801	6.905 0.004 8.288 0.016	7.165 0.014	6.674 0.012			183.944 600 11 183.944 162 10	-23.353 805 08 -23.353 556 54	14.39 14.39	-0.15 -0.15	-39.92 -39.92	1.08 0.82 1.19 6.05 4.38 1.19	1.10 0.90 1.10 0.90				A	301.7	1.70			
12159-0610	1	F	C	A	A 59808 B 59808	7.822 0.005 9.628 0.026					183.969 783 41 183.969 897 16	-6.160 253 56 -6.160 219 11	7.55 7.55	33.76 33.76	-64.26 -64.26	1.81 1.37 1.43 9.31 9.89 1.43	1.31 0.79 1.31 0.79				A	73	0.43			
12160+0538	1	L	C	A	A 59816 B 59816	10.104 0.008 10.617 0.012					183.993 826 22 183.993 920 39	+5.640 322 42 +5.640 563 27	38.72 38.72	-343.31 -297.61	-69.38 -48.34	3.67 2.33 3.68 6.44 4.60 3.68	2.67 1.99 4.39 3.03				A	21.3	0.930	+2.2	+0.036	

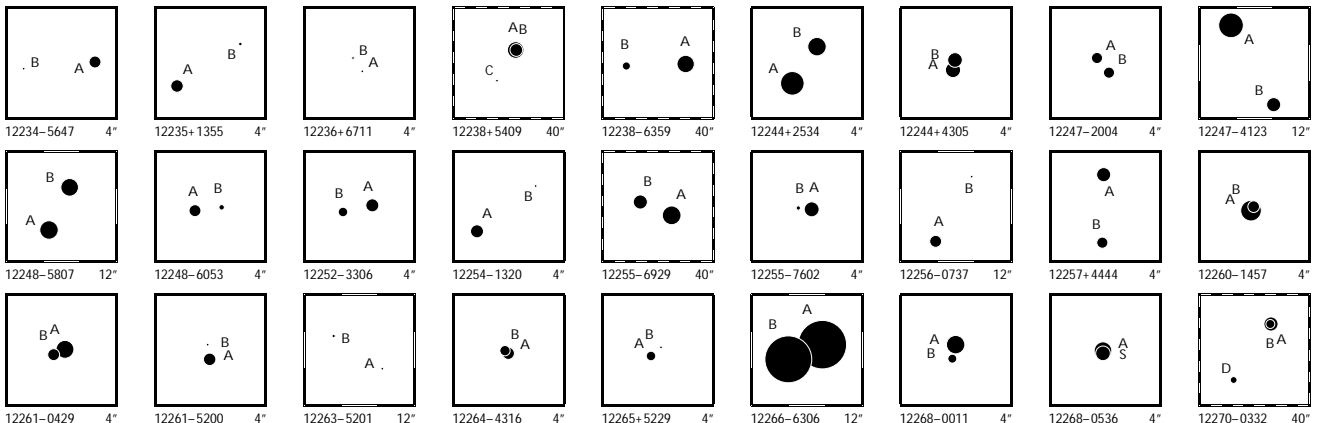


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
12160+4807	1	F	A	59820	9.569	0.037						184.001 764 84	+48.116 237 49	6.99	19.47	-4.21	3.38	4.56	1.80	1.36	1.41		A	212	0.266		
			B	59820	9.988	0.054						184.001 706 03	+48.116 174 89	6.99	19.47	-4.21	5.56	6.57	1.80	1.36	1.41						
12161+4040	1	I	A	59831	5.772	0.003	7.734	0.007	5.856	0.003		184.031 401 54	+40.660 258 51	3.91	17.08	-32.06	0.83	0.93	1.03	0.83	0.92		A	259.5	11.56	+0.1	-0.01
			B	59827	8.793	0.050	9.382	0.016	8.708	0.014		184.027 238 49	+40.659 674 52	21.41	22.65	-12.70	13.30	20.95	8.44	8.06	14.66						
12161-2937	1	F	A	59825	8.229	0.003	8.398	0.008	8.135	0.009		184.012 464 76	-29.623 117 17	6.47	-36.56	20.20	1.10	0.65	1.20	1.20	0.66		A	317	1.03		
			B	59825	11.181	0.041						184.012 238 41	-29.622 907 81	6.47	-36.56	20.20	16.13	9.76	1.20	1.20	0.66						
12161-4058	1	F	A	59826	9.833	0.006						184.025 677 18	-40.962 608 15	3.72	11.62	-17.10	2.59	1.70	2.98	2.61	1.49		A	234.0	0.846		
			B	59826	9.906	0.007						184.025 425 23	-40.962 746 18	3.72	11.62	-17.10	4.57	3.24	2.98	2.61	1.49						
12162+8007	1	I	A	59836	7.280	0.024	7.578	0.008	7.209	0.008		184.048 573 98	+80.125 097 03	12.59	21.23	-6.28	2.62	2.53	2.29	2.86	2.55		A	218.42	14.47	0.00	0.00
			B	59832	7.872	0.037	8.236	0.010	7.777	0.009		184.034 011 16	+80.121 947 20	13.61	20.54	-5.87	10.41	9.87	5.70	7.43	6.45						
12163-2706	1	F	A	59845	8.227	0.006	8.310	0.008	8.196	0.010		184.076 072 78	-27.103 039 69	3.89	-30.34	-10.66	1.82	1.12	1.90	1.86	1.07		A	356	2.32		
			B	59845	11.836	0.162						184.076 018 41	-27.102 398 09	3.89	-30.34	-10.66	57.41	60.59	1.90	1.86	1.07						
12165-5009	1	F	A	59854	10.201	0.098						184.116 156 02	-50.143 260 74	8.24	-29.11	-8.64	10.20	9.69	1.78	1.33	1.02		A	269	0.20		
			S	59854	10.264	0.104						184.116 069 27	-50.143 261 90	8.24	-29.11	-8.64	10.55	7.30	1.78	1.33	1.02						
12167+3936	1	F	A	59868	7.315	0.004	7.455	0.006	7.261	0.007		184.175 780 30	+39.592 909 32	10.53	-18.72	16.64	0.88	0.80	1.10	1.00	0.85		A	152.9	5.94		
			B	59868	10.402	0.069	10.914	0.078	10.174	0.061		184.176 754 20	+39.591 440 09	10.53	-18.72	16.64	18.71	15.74	1.10	1.00	0.85						
12167+4424	1	F	A	59870	9.289	0.043						184.180 407 58	+44.402 055 64	1.56	5.70	-20.39	11.94	3.39	1.79	1.57	1.41		A	237	0.32		
			B	59870	12.767	0.104						184.180 303 72	+44.402 007 26	1.56	5.70	-20.39	68.63	70.37	1.79	1.57	1.41						
12168+7009	1	F	A	59878	9.411	0.006	9.652	0.022	9.149	0.023		184.195 931 02	+70.146 049 01	6.62	54.05	0.93	1.65	1.90	1.98	1.89	1.74		A	3.4	2.138		
			B	59878	9.664	0.008	9.918	0.031	9.379	0.025		184.196 035 70	+70.146 641 76	6.62	54.05	0.93	3.38	3.47	1.98	1.89	1.74						
12171+0143	1	F	A	59900	9.010	0.005	9.199	0.019	8.951	0.021		184.281 815 00	+1.712 498 34	4.67	-5.18	9.38	1.68	1.13	1.78	1.55	1.08		A	176	1.89		
			B	59900	12.459	0.104						184.281 855 92	+1.711 975 20	4.67	-5.18	9.38	43.98	26.49	1.78	1.55	1.08						
12171-6307	1	F	A	59896	10.185	0.048						184.269 504 26	-63.124 743 27	7.32	-20.61	-19.49	4.56	5.62	1.89	1.61	1.85		A	333	0.27		
			B	59896	10.622	0.072						184.269 429 66	-63.124 677 56	7.32	-20.61	-19.49	9.17	10.03	1.89	1.61	1.85						
12174+0636	1	F	A	59916	8.376	0.072						184.362 422 00	+6.601 187 60	7.23	29.84	-36.43	7.68	7.41	1.19	1.41	0.79		A	97	0.21		
			S	59916	9.459	0.196						184.362 479 71	+6.601 180 66	7.23	29.84	-36.43	19.54	22.89	1.19	1.41	0.79						
12174-2104	1	L	A	59914	9.687	0.010	10.634	0.048	9.679	0.034		184.350 187 00	-21.058 004 40	22.88	-110.95	-162.14	2.37	1.97	2.38	1.87	1.39		A	24.8	1.794	-0.3	+0.014
			B	59914	11.102	0.032						184.350 410 95	-21.057 552 00	22.88	-114.21	-145.62	16.13	9.75	2.38	8.03	4.99						
12175-6022	1	F	A	59919	9.042	0.011	9.132	0.016	9.013	0.020		184.371 136 31	-60.361 251 14	2.94	-8.85	-1.55	1.66	1.84	2.17	2.05	2.09		A	11.7	7.11		
			B	59919	12.213	0.202						184.371 943 15	-60.359 316 64	2.94	-8.85	-1.55	50.26	45.59	2.17	2.05	2.09						
12177-3314	1	F	A	59938	9.896	0.007						184.413 949 99	-33.237 605 63	13.81	-50.87	9.34	2.21	1.21	2.43	2.16	1.24		A	240.7	0.94		
			B	59938	11.234	0.023						184.413 676 91	-33.237 733 84	13.81	-50.87	9.34	9.07	4.33	2.43	2.16	1.24						
12179-2401	1	F	A	59966	7.015	0.004	7.065	0.005	6.988	0.006		184.481 388 90	-24.013 410 66	8.00	-21.88	0.21	0.87	0.72	0.94	0.96	0.71		A	221.1	3.37		
			B	59966	10.670	0.092						184.480 715 73	-24.014 114 80	8.00	-21.88	0.21	21.92	23.21	0.94	0.96	0.71						
12180-4907	1	F	A	59978	9.050	0.043						184.506 241 49	-49.120 793 01	5.04	-25.65	0.34	6.49	6.07	1.58	1.14	0.89		A	62	0.24		
			B	59978	11.156	0.297						184.506 330 16	-49.120 762 22	5.04	-25.65	0.34	29.21	20.47	1.58	1.14	0.89						
12181-6040	1	F	A	59981	9.271	0.007	9.712	0.019	9.124	0.018		184.519 601 00	-60.674 780 92	0.81	-5.14	0.06	1.41	1.56	1.96	1.50	1.50		A	69.0	2.05		
			B	59981	10.781	0.027	10.389	0.100	9.739	0.067		184.520 686 31	-60.674 576 90	0.81	-5.14	0.06	7.31	7.38	1.96	1.50	1.50						
12182+2718	1	F	A	59988	7.620	0.006						184.546 796 51	+27.300 558 82	6.12	-39.07	11.17	1.76	1.70	1.37	1.63	0.97		A	265	0.42		
			B	59988	10.188	0.057						184.546 664 15	+27.300 549 56	6.12	-39.07	11.17	16.47	24.65	1.37	1.63	0.97						
12182+6711	1	F	A	59989	8.926	0.008						184.552 428 12	+67.186 618 83	0.77	-24.89	-14.46	1.46	1.88	1.19	1.08	1.23		A	21	0.41		
			B	59989	12.150	0.158						184.552 531 70	+67.186 725 54	0.77	-24.89	-14.46	30.17	28.36	1.19	1.08	1.23						
12182-0357	1	I	A	59984	6.711	0.018	6.943	0.006	6.568	0.005		184.539 913 13	-3.948 832 65	16.20	-14.32	22.04	2.36	1.33	1.87	2.17	1.19		A	195.67	20.03	0.00	-0.01
			B	59983	7.126	0.023	7.408	0.006	6.964	0.007		184.538 407 08	-3.954 188 95	12.79	-11.56	31.22	13.81	7.01	4.12	10.02	5.09						
12182-5714	1	F	A	59990	9.014	0.006						184.552 736 04	-57.229 518 82	5.20	-37.06	-4.57	1.24	1.20	1.74	1.39	1.25		A	117	0.90		
			B	59990	10.9																						

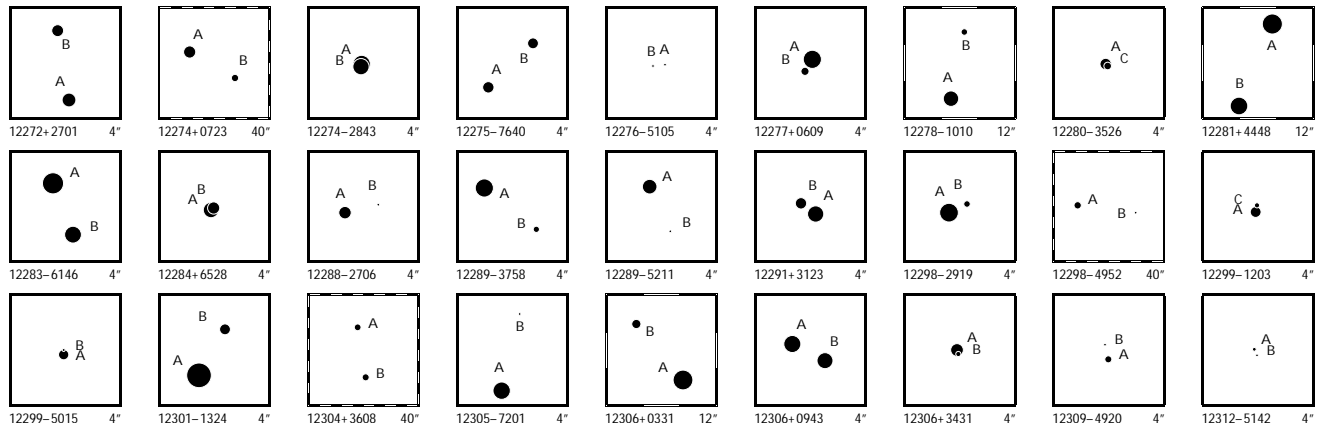
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	σ	σ	α	δ		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12194+1744	1	F CA	A 60091 B 60091	8.331 10.215	0.004 0.020						184.842 810 40 +17.728 786 91 184.842 852 39 +17.728 928 53	9.33 9.33	12.76 -53.12 12.76 -53.12	1.32 0.99 1.42 1.73 0.78 7.04 4.43 1.42 1.73 0.78	A 16 0.530										
12197+0533	1	F CA	A 60112 B 60112	9.264 11.943	0.008 0.094						184.918 501 79 +5.545 271 09 184.918 293 13 +5.545 347 20	9.63 9.63	-10.68 -76.66 -10.68 -76.66	2.26 1.35 2.02 2.10 1.46 25.61 18.36 2.02 2.10 1.46	A 290 0.80										
12197+6229	1	F CA	A 60108 B 60108	10.786 10.989	0.019 0.023						184.916 485 50 +62.483 727 74 184.916 716 46 +62.483 767 32	6.84 6.84	-22.37 -2.45 -22.37 -2.45	3.61 3.33 3.07 3.40 2.82 5.55 7.01 3.07 3.40 2.82	A 70 0.41										
12200+4337	1	F CB	A 60140 B 60140	7.865 11.011	0.016 0.288						184.994 187 24 +43.608 865 14 184.994 286 81 +43.608 946 92	3.13 3.13	-15.52 3.69 -15.52 3.69	2.10 2.23 1.34 1.06 1.08 33.36 31.99 1.34 1.06 1.08	A 41 0.39										
12201+1351	1	F CA	A 60150 B 60150	7.157 10.719	0.003 0.078	8.378 0.011 10.984 0.192	7.088 0.006 10.529 0.229				185.020 393 04 +13.855 080 18 185.021 387 81 +13.854 827 48	6.84 6.84	-59.81 -11.18 -59.81 -11.18	0.94 0.65 0.97 1.28 0.65 24.83 18.28 0.97 1.28 0.65	A 104.7 3.59										
12202+3754	1	F CA	A 60161 B 60161	6.892 10.211	0.003 0.072	8.021 0.007 10.622 0.043	6.829 0.005 9.976 0.038				185.056 437 84 +37.902 155 74 185.055 679 22 +37.899 418 29	6.94 6.94	-61.58 -8.75 -61.58 -8.75	0.77 0.67 0.93 0.83 0.66 16.30 16.21 0.93 0.83 0.66	A 192.3 10.09										
12202-1408	1	F CD	A 60155 B 60155	8.448 10.797	0.011 0.091	9.054 0.019 11.427 0.138	8.405 0.017 11.576 0.275				185.041 454 50 -14.125 309 31 185.042 735 01	15.19 15.19	-2.45 -86.42 -2.45 -86.42	1.84 1.39 1.93 1.71 1.13 38.72 19.42 1.93 1.71 1.13	A 292.7 14.66										
12202-2211	1	F CA	A 60157 B 60157	6.292 8.050	0.004 0.018						185.045 143 74 -22.175 626 76 185.045 065 09 -22.175 698 25	6.88 6.88	-105.42 -30.25 -105.42 -30.25	1.04 0.87 0.92 0.95 0.66 4.87 4.12 0.92 0.95 0.66	A 226 0.367										
12204+6623	1	F CA	A 60175 B 60175	7.466 8.616	0.094 0.271						185.096 003 40 +66.391 179 58 185.096 049 97 +66.391 148 49	4.51 4.51	13.81 2.07 13.81 2.07	3.59 5.55 0.64 0.57 0.59 9.76 13.03 0.64 0.57 0.59	A 149 0.13										
12207+2255	1	F CA	A 60200 B 60200	8.862 10.204	0.006 0.020	9.370 0.019 10.543 0.048	8.756 0.017 9.954 0.045				185.175 454 39 +22.914 443 84 185.176 326 42 +22.913 192 77	4.88 4.88	-71.69 -27.74 -71.69 -27.74	2.14 1.16 1.73 2.24 1.09 8.43 5.20 1.73 2.24 1.09	A 147.3 5.35										
12207+2703	1	F CA	A 60197 B 60197	7.126 7.201	0.006 0.006	7.454 0.008 7.564 0.007	7.058 0.007 7.153 0.008				185.172 376 29 +27.054 837 93 185.169 838 51 +27.053 799 91	10.83 10.83	9.08 -120.37 9.08 -120.37	1.57 1.26 1.68 1.97 1.13 3.27 2.30 1.68 1.97 1.13	A 245.33 8.953										
12207+3500	1	F CA	A 60201 B 60201	9.652 11.333	0.008 0.038	10.701 0.038 9.549 0.022	9.549 0.022				185.176 115 50 +34.999 567 52 185.177 388 38 +34.999 453 30	2.45 2.45	19.55 11.91 19.55 11.91	1.88 1.63 2.21 1.85 1.77 11.20 8.44 2.21 1.85 1.77	A 96.3 3.78										
12209-4727	1	F CA	A 60219 B 60219	7.280 9.812	0.004 0.038						185.225 716 99 -47.454 650 13 185.225 552 03 -47.454 654 83	7.23 7.23	-63.04 10.05 -63.04 10.05	1.07 0.83 1.02 0.85 0.59 8.30 9.96 1.02 0.85 0.59	A 268 0.40										
12209-5906	1	F CA	A 60214 B 60214	9.147 10.283	0.007 0.020	9.226 0.012 10.360 0.029	9.085 0.015 10.078 0.035				185.212 742 23 -59.101 656 61 185.212 426 20 -59.099 318 76	2.26 2.26	-20.21 -0.63 -20.21 -0.63	1.33 1.42 1.80 1.60 1.58 5.48 5.03 1.80 1.60 1.58	A 356.03 8.44										
12209-6732	1	F CA	A 60215 B 60215	8.387 10.696	0.006 0.049	9.636 0.020 10.330 0.098	8.352 0.011 9.775 0.073				185.213 301 75 -67.537 634 58 185.212 857 05 -67.538 328 93	0.33 0.33	-9.62 -1.22 -9.62 -1.22	1.02 0.95 1.14 1.10 0.97 9.88 10.09 1.14 1.10 0.97	A 193.7 2.57										
12210+4531	1	F CC	A 60229 B 60229	7.571 11.447	0.007 0.229						185.260 459 06 +45.514 773 81 185.260 627 54 +45.514 721 00	5.28 5.28	-85.92 -21.84 -85.92 -21.84	1.60 1.41 1.40 1.19 1.08 54.62 56.17 1.40 1.19 1.08	A 114 0.47										
12211-1129	1	I CA	A 60236 B 60237	8.674 9.734	0.016 0.029	8.928 0.017 9.928 0.031	8.606 0.018 9.520 0.032				185.285 321 55 -11.475 692 42 185.285 804 24 -11.479 337 21	12.02 7.02	-20.94 -24.34 -29.84 -23.83	3.52 2.25 3.00 2.97 1.84 12.13 7.49 8.23 8.46 4.85	A 172.61 13.23 +0.04 0.00										
12211-4234	1	F CC	A 60235 B 60235	6.873 10.927	0.003 0.126	6.887 0.005 6.843 0.006					185.277 485 56 -42.561 988 65 185.278 143 13 -42.561 928 21	3.43 3.43	-9.56 -4.00 -9.56 -4.00	0.67 0.70 0.92 0.69 0.63 27.43 33.15 0.92 0.69 0.63	A 83 1.76										
12215+5014	1	F CA	A 60270 B 60270	11.500 11.598	0.060 0.066						185.370 802 67 +50.230 957 36 185.370 794 63 +50.230 881 73	6.32 6.32	-55.89 -1.59 -55.89 -1.59	9.10 10.55 2.83 2.01 2.21 6.00 8.39 2.83 2.01 2.21	A 184 0.27										
12221-6731	1	L CA	A 60320 C 60320	5.257 8.713	0.002 0.044						185.530 777 73 -67.522 092 79 185.531 068 98 -67.522 178 45	9.71 9.71	-31.28 -5.16 -12.57 -11.95	0.57 0.56 0.54 0.51 0.50 12.88 13.85 0.54 0.54 8.28 8.74	A 128 0.51 -1 +0.02										
12223+6128	1	F CA	A 60340 B 60340	8.692 10.279	0.008 0.036						185.584 814 88 +61.471 708 36 185.584 964 68 +61.471 638 85	3.71 3.71	-14.19 0.26 -14.19 0.26	1.47 1.54 1.31 1.09 1.19 6.51 6.60 1.31 1.09 1.19	A 134 0.36										
12223-7330	1	F CC	A 60334 B 60334	6.851 10.777	0.004 0.136	6.981 0.005 6.808 0.005					185.562 825 10 -73.503 678 18 185.565 186 97 -73.503 812 83	7.97 7.97	-54.43 -11.49 -54.43 -11.49	0.67 0.64 0.75 0.67 0.65 33.08 20.25 0.75 0.67 0.65	A 101.4 2.46										
12225+0518	1	IND	A 60353 B 60352	6.580 10.477	0.019 0.547	7.123 0.005 10.719 0.071	6.517 0.005 9.308 0.033				185.633 901 70 +5.305 573 55 185.631 730 94 +5.310 919 78	33.53 9.20	-166.57 -53.15 138.63 98.25	1.67 1.08 1.32 1.63 0.91 207.33 126.20 93.93 118.54 68.18	A 338.0 20.76 +0.9 +0.03										
12226-3334	1	F CA	A 60362 B 60362	8.698 9.676	0.005 0.012	9.041 0.021 9.829 0.049	8.596 0.021 9.416 0.056				185.656 072 57 -33.560 796 04 185.655 011 40 -33.560 697 49	2.96 2.96	-37.94 0.96 -37.94 0.96	1.51 1.31 1.99 1.49 1.14 3.71 4.16 1.99 1.49 1.14	A 276.4 3.203										
12229-5223	1	F CA	A 60390 B 60390	9.225 10.341	0.009 0.026						185.736 611 28 -52.390 060 35 185.736 681 28 -52.390 161 25	3.58 3.58	-13.44 3.23 -13.44 3.23	1.70 1.77 2.04 1.42 1.32 6.18 4.95 2.04 1.42 1.32	A 157 0.394										
12232+3257	1	F CA	A 60412 B 60412	9.941 11.075	0.151 0.430						185.801 372 51 +32.945 044 58 185.801 313 16 +32.945 046 83	3.96 3.96	-8.45 -19.79 -8.45 -19.79	12.06 10.04 1.39 1.57 0.98 39.63 28.26 1.39 1.57 0.98	A 273 0.18										
12232-3729	1	F CA	A 60414 B 60414	7.424 9.237	0.062 0.331						185.809 826 34 -37.489 813 52 185.809 850 47 -37.489 774 71	6.11 6.11	-50.79 9.86 -50.79 9.86	2.57 4.90 0.90 0.74 0.52 15.48 17.21 0.90 0.74 0.52	B 26 0.16										



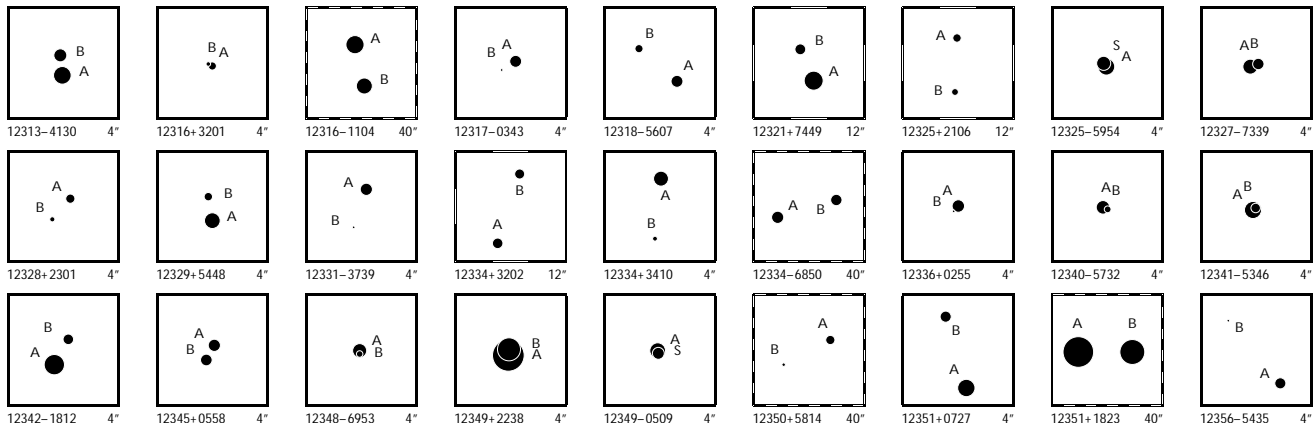
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
12234-5647	1	FND	D	A 60432 B 60432	9.362 0.010 13.347 0.367	9.814 0.019	9.297 0.019	185.861 410 66 185.862 746 03	-56.775 868 65 -56.775 933 74	6.62 6.62	-60.74 -60.74	-39.09 -39.09	1.43 1.24 1.93 1.57 1.25 110.95 80.90 1.93 1.57 1.25	A 95	2.64												
12235+1355	1	FCA	A	A 60445 B 60445	9.227 0.006 11.249 0.036	9.839 0.024	9.118 0.019	185.886 860 41 185.886 190 76	+13.922 578 29 -13.923 012 90	9.12 9.12	-93.47 -93.47	-4.05 -4.05	1.73 1.19 1.88 2.38 1.08 10.81 7.73 1.88 2.38 1.08	A 303.8	2.81												
12236+6711	1	LCA	A	A 60444 B 60444	11.931 0.016 12.187 0.021			185.886 797 84 185.887 040 01	+67.188 610 12 +67.188 746 05	77.01 77.01	236.96 242.45	-121.73 -87.68	6.46 7.77 5.72 5.44 6.66 15.94 15.09 5.72 10.18 10.69	A 35	0.59	-1	+0.03										
12238+5409	1	FCA	G	A 60471 B 60471 C 60471	8.310 0.016 9.176 0.023 12.009 0.517			185.961 686 82 185.961 489 97 185.964 921 25	+54.158 485 76 +54.158 472 52 +54.155 355 53	0.64 0.64 0.64	3.58 3.58 3.58	10.14 10.14 10.14	1.48 1.28 1.66 1.64 1.22 6.67 6.67 1.66 1.64 1.22 44.30 48.13 1.66 1.64 1.22	A 263 A 148.8	0.42 13.17												
12238-6359	1	LFD	D	A 60469 B 60472	8.187 0.052 10.177 0.258	8.436 0.009 11.515 0.127	8.130 0.010 9.956 0.044	185.951 059 38 185.964 880 27	-63.986 025 75 -63.986 319 03	7.44 7.44	-69.48 -28.38	-3.02 -17.12	1.74 1.54 1.71 1.99 1.56 21.45 18.96 1.71 19.21 15.87	A 92.78	21.85	+0.03	+0.04										
12244+2534	1	LCA	A	A 60525 B 60525	6.794 0.003 7.936 0.009	6.859 0.014	6.579 0.017	186.111 701 80 186.111 417 54	+25.582 429 97 +25.582 808 33	10.23 10.23	-7.46 -16.98	-10.65 -7.78	1.01 0.72 0.94 0.98 0.61 3.36 3.23 0.94 2.27 1.75	A 325.9	1.645	-0.2	+0.008										
12244+4305	1	FCA	A	A 60522 B 60522	8.651 0.010 8.786 0.012			186.102 116 27 186.102 081 78	+43.087 474 69 +43.087 575 04	2.78 2.78	3.50 3.50	-0.23 -0.23	1.71 1.93 1.69 1.27 1.55 2.85 2.47 1.69 1.27 1.55	A 346	0.372												
12247-2004	1	LCA	B	A 60545 A 60545	9.540 0.005 9.562 0.005			186.176 497 78 186.176 634 02	-20.071 302 79 -20.071 151 46	13.24 13.24	-3.00 5.43	7.44 1.51	5.36 3.37 4.13 4.27 2.18 5.42 3.88 4.13 5.10 2.54	B 40.2	0.713	+0.8	+0.001										
12247-4123	1	LCA	A	A 60549 B 60548	6.514 0.007 8.880 0.061	7.925 0.008 9.565 0.023	6.459 0.004 8.872 0.020	186.186 544 87 186.184 804 46	-41.384 119 51 -41.386 570 57	6.55 7.96	-67.26 -62.62	-69.93 -73.76	1.09 1.12 1.39 1.24 1.11 13.97 14.59 13.72 11.28 9.36	A 208.0	10.00	0.0	0.00										
12248-5807	1	LCA	A	A 60557 B 60557	7.918 0.006 8.083 0.007	8.920 0.016 8.437 0.011	7.807 0.011 7.993 0.011	186.205 998 89 186.204 814 41	-58.119 640 61 -58.118 322 28	4.81 4.81	12.97 14.05	-18.97 -24.66	1.42 1.33 1.68 1.28 1.12 2.78 3.06 1.68 2.38 2.04	A 334.61	5.253	-0.02	-0.006										
12248-6053	1	FCA	A	A 60552 B 60552	9.363 0.009 10.772 0.031			186.193 313 42 186.192 758 45	-60.887 163 77 -60.887 123 65	3.38 3.38	-11.67 -11.67	-3.82 -3.82	1.52 1.57 1.96 1.59 1.49 7.31 7.61 1.96 1.59 1.49	A 278.5	0.98												
12252-3306	1	FCA	A	A 60594 B 60594	9.121 0.006 9.929 0.012			186.297 833 16 186.298 194 04	-33.092 492 11 -33.092 561 00	3.49 3.49	-53.34 -53.34	3.90 3.90	1.96 1.91 2.40 2.02 1.67 4.78 4.44 2.40 2.02 1.67	A 102.8	1.12												
12254-1320	1	FCC	A	A 60620 B 60620	9.133 0.006 13.050 0.197	9.868 0.024	9.058 0.019	186.362 182 05 186.361 560 33	-13.337 421 97 -13.336 965 13	19.13 19.13	-104.54 -104.54	-23.24 -23.24	1.53 1.14 1.56 1.45 0.97 92.56 61.34 1.56 1.45 0.97	A 307	2.73												
12255-6929	1	LCA	A	A 60627 B 60629	7.860 0.011 8.885 0.014	7.811 0.008 8.709 0.011	7.846 0.009 8.668 0.014	186.376 967 61 186.386 220 57	-69.476 679 00 -69.475 268 79	5.51 4.93	-6.82 -8.31	-4.87 -5.16	1.85 1.91 1.80 2.29 2.17 6.44 6.55 3.50 4.46 4.04	A 66.51	12.73	0.00	0.00										
12255-7602	1	FCA	A	A 60624 B 60624	8.682 0.006 11.043 0.045			186.372 838 49 186.373 400 39	-76.041 611 31 -76.041 600 26	7.77 7.77	-151.68 -151.68	0.78 0.78	1.28 1.04 1.06 1.06 0.92 10.10 10.89 1.06 1.06 0.92	A 85	0.49												
12256-0737	1	FCA	A	A 60636 B 60636	9.377 0.007 11.965 0.071	10.722 0.045	9.316 0.022	186.401 286 31 186.400 153 42	-7.613 275 43 -7.611 285 74	2.58 2.58	-14.73 -14.73	4.49 4.49	1.63 1.24 1.76 1.62 1.23 23.27 16.00 1.76 1.62 1.23	A 330.6	8.22												
12257+4444	1	FCA	A	A 60643 B 60643	8.853 0.008 9.514 0.014	9.213 0.018 9.749 0.027	8.708 0.016 9.221 0.024	186.437 754 50 186.437 766 98	+44.734 761 74 +44.734 064 30	4.71 4.71	-71.21 -71.21	-4.79 -4.79	1.60 1.44 1.79 1.60 1.25 4.33 4.87 1.79 1.60 1.25	A 179.3	2.51												
12260-1457	1	FCA	A	A 60665 B 60665	7.422 0.034 9.393 0.210			186.498 709 26 186.498 677 62	-14.947 726 33 -14.947 680 34	16.19 16.19	-118.62 -118.62	-25.16 -25.16	4.75 2.88 0.81 0.81 0.49 40.16 16.67 0.81 0.81 0.49	A 326	0.20												
12261-0429	1	LCA	A	A 60680 B 60680	8.031 0.010 9.371 0.033			186.534 585 44 186.534 698 39	-4.480 719 35 -4.480 783 78	6.87 6.87	24.83 17.78	0.13 14.02	2.13 1.57 1.52 1.40 1.12 8.22 6.11 1.52 4.23 3.75	A 119.8	0.467	-1.1	-0.013										
12261-5200	1	FCA	A	A 60674 B 60674	9.246 0.007 12.359 0.122			186.519 508 50 186.519 533 21	-52.007 476 11 -52.007 329 21	2.02 2.02	-9.30 -9.30	2.81 2.81	1.65 1.71 2.34 1.64 1.28 41.51 28.68 2.34 1.64 1.28	A 6	0.53												
12263-5201	1	FCA	B	A 60692 A 60692	11.304 0.017 11.609 0.022	11.493 0.071 11.635 0.088	10.940 0.069 11.169 0.093	186.584 555 80 186.582 133 15	-52.018 627 65 -52.019 629 92	-1.31 -1.31	2.72 2.72	-4.02 -4.02	5.23 4.97 7.90 6.37 4.68 10.81 13.12 7.90 6.37 4.68	B 236.1	6.47												
12264-4316	1	FCA	A	A 60701 B 60701	9.308 0.290 9.697 0.416			186.610 420 06 186.610 456 61	-43.260 678 01 -43.260 647 41	2.94 2.94	-17.85 -17.85	-6.82 -6.82	18.05 12.89 1.23 1.00 0.79 21.18 24.89 1.23 1.00 0.79	A 41	0.15												
12265+5229	1	FCA	A	A 60707 B 60707	9.927 0.009 11.727 0.047			186.629 813 52 186.629 658 07	+52.476 822 71 +52.476 906 89	7.05 7.05	-77.52 -77.52	-32.31 -32.31	2.00 2.04 2.10 2.05 1.45 12.37 13.51 2.10 2.05 1.45	A 312	0.46												
12266-6306	1	LCA	P	A 60718 B 60718	1.251 0.003 1.636 0.005	1.053 0.016 1.366 0.014	1.245 0.013 1.547 0.016	186.649 755 85 186.652 070 99	-63.099 055 86 -63.099 504 28	10.17 10.17	-35.37 -42.53	-14.73 -7.69	0.55 0.68 0.67 0.58 0.66 1.68 1.98 0.67 1.03 1.05	A 113.18	4.102	-0.05	-0.009										
12268-0011	1	FCA	A	A 60726 B 60726	7.949 0.004 10.038 0.026			186.691 160 88 186.691 192 31	-0.183 317 80 -0.183 458 97	8.29 8.29	-42.99 -42.99	0.68 0.68	1.53 1.11 1.32 1.20 0.77 11.53 5.28 1.32 1.20 0.77	A 167	0.52												
12268-0536	1	FND	D	A 60727 S 60727	8.106 0.279 8.786 0.521			186.698 823 26 186.698 820 40	-5.592 113 93 -5.592 141 11	8.07 8.07	13.95 13.95	-16.46 -16.46	3.37 10.81 0.95 0.81 0.67 6.58 27.43 0.95 0.81 0.67	A 186	0.10												
12270-0332	1	FNB	G	A 60749 B 60749 D 60750	8.894 0.177 10.029 0.494 10.481 0.064	11.295 0.094	10.326 0.065	186.752 933 10 186.752 994 18 186.756 781 15	-3.534 684 49 -3.534 703 72 -3.540 413 18	13.84 13.84 13.84	118.51 118.51 118.51	-93.28 -93.28 -93.28	8.55 3.26 1.86 1.65 1.35 36.35 14.54 1.86 1.65 1.35 14.67 9.31 1.86 1.65 1.35	A 108 A 146.16	0.23 24.83												



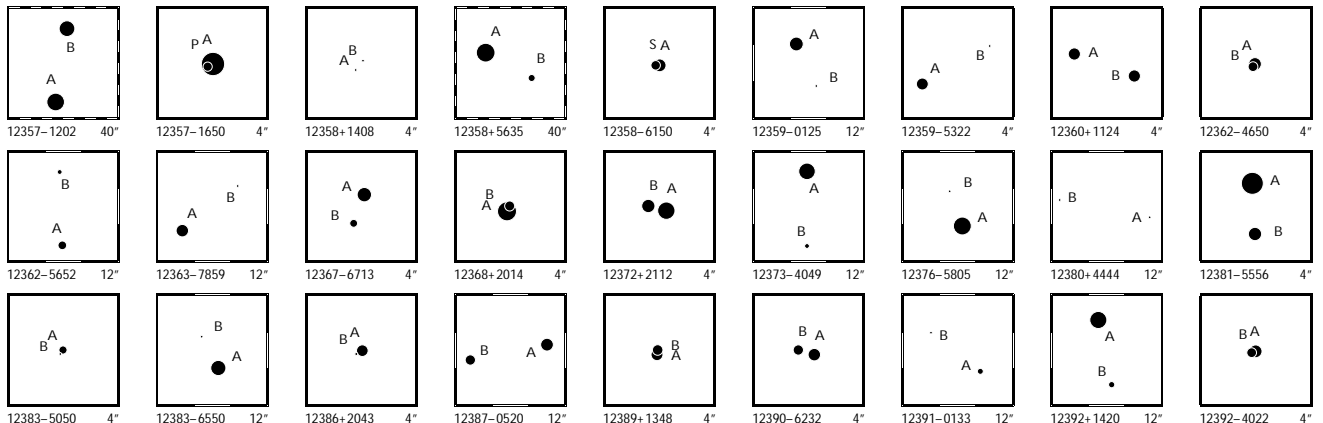
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12272+2701	1	L CA	A 60759 B 60759	8.929 0.011 9.383 0.017	9.898 0.026 10.279 0.051	8.870 0.020 9.274 0.032		186.806 894 76 186.807 035 85	+27.025 284 54 +27.026 000 29	36.32 36.32	92.67 84.98	-248.44 -239.57	2.07 5.82	1.70 4.33	1.93 1.93	2.35 4.34	1.51 2.86	A	10.0	2.616	-0.2	+0.007					
12274+0723	1	F CA	W A 60772 B 60772	9.296 0.044 10.372 0.104	9.339 0.017 11.258 0.075	9.236 0.021 9.827 0.033		186.853 813 30 186.849 140 34	+7.383 126 39 +7.380 499 12	2.99 2.99	-10.08 -10.08	-1.57 -1.57	3.17 28.36	2.03 17.08	3.12 3.12	2.99 2.99	2.22 2.22	A	240.5	19.18							
12274-2843	1	F CA	A 60775 B 60775	8.182 0.245 8.389 0.296				186.860 092 02 186.860 109 95	-28.716 209 48 -28.716 240 54	9.88 9.88	-51.12 -51.12	-5.21 -5.21	13.16 15.01	11.71 17.38	0.96 0.96	1.08 1.08	0.70 0.70	A	153	0.13							
12275-7640	1	F CA	A 60782 B 60782	9.453 0.006 9.624 0.007	9.456 0.019 9.597 0.021	9.239 0.020 9.342 0.025		186.875 772 63 186.873 804 01	-76.665 167 52 -76.664 718 71	1.60 1.60	-9.45 -9.45	-0.08 -0.08	2.00 3.91	1.77 3.66	1.91 1.91	2.06 2.06	1.90 1.90	A	314.7	2.298							
12276-5105	1	F CA	A 60798 B 60798	11.890 0.018 12.002 0.020				186.911 857 31 186.912 055 38	-51.082 291 75 -51.082 309 93	1.23 1.23	-71.65 -71.65	14.21 14.21	6.66 6.75	7.15 5.58	5.58 4.91	4.91 2.91	2.91 2.91	A	98	0.45							
12277+0609	1	F CA	A 60800 B 60800	7.966 0.004 10.177 0.028				186.914 866 92 186.914 943 00	+6.154 385 53 +6.154 258 60	1.53 1.53	-9.64 -9.64	4.15 4.15	1.46 13.62	1.01 5.29	1.25 1.25	1.40 1.40	0.98 0.98	A	149	0.53							
12278-1010	1	F CA	A 60812 B 60812	8.602 0.007 10.580 0.044	8.901 0.013	8.547 0.014		186.962 363 65 186.961 930 75	-10.167 096 60 -10.165 038 37	5.49 5.49	-7.49 -7.49	-6.13 -6.13	1.55 10.17	1.11 9.56	1.61 1.61	1.42 1.42	1.06 1.06	A	348.3	7.57							
12280-3526	1	F CB	A 60822 C 60822	9.488 0.268 10.319 0.576				187.010 050 06 187.010 022 31	-35.432 365 67 -35.432 392 64	4.98 4.98	-6.22 -6.22	-12.02 -12.02	10.24 24.15	12.57 27.34	1.14 1.14	0.89 0.89	0.81 0.81	A	220	0.13							
12281+4448	1	I CA	A 60831 B 60832	7.551 0.006 8.118 0.010	8.066 0.009 8.780 0.013	7.452 0.010 8.035 0.011		187.019 143 18 187.020 612 50	+44.794 321 32 +44.791 804 27	25.51 23.61	-182.58 -178.89	-4.16 -2.23	2.03 4.34	1.79 4.01	2.07 3.71	2.16 1.88	1.88 3.31	A	157.50	9.808	-0.02	0.000					
12283-6146	1	L CA	A 60845 B 60845	7.324 0.006 8.276 0.013	7.887 0.020	7.179 0.019		187.069 959 67 187.069 526 57	-61.765 322 83 -61.765 854 39	20.59 20.59	75.28 99.51	-158.89 -169.97	1.07 4.31	1.09 3.03	1.19 1.19	1.00 3.19	0.89 1.92	A	201.1	2.051	-0.7	+0.002					
12284+6528	1	F CB	A 60858 B 60858	8.606 0.344 9.298 0.650				187.097 651 30 187.097 601 31	+65.473 676 61 +65.473 699 65	8.76 8.76	-57.20 -57.20	25.68 25.68	13.20 24.61	11.77 28.33	0.70 0.70	0.64 0.64	0.65 0.65	A	318	0.11							
12288-2706	1	F CA	A 60895 B 60895	9.214 0.006 11.767 0.053	9.641 0.023	9.093 0.022		187.196 436 34 187.196 056 91	-27.097 268 42 -27.097 185 95	5.10 5.10	-59.20 -59.20	-23.70 -23.70	1.59 20.31	1.53 12.53	1.83 1.83	1.74 1.74	1.25 1.25	A	284	1.25							
12289-3758	1	F CA	A 60901 B 60901	7.966 0.007 10.627 0.073	9.048 0.015 10.309 0.082	7.907 0.009 9.831 0.075		187.222 419 03 187.221 737 85	-37.966 885 18 -37.967 306 15	4.43 4.43	-15.18 -15.18	-12.91 -12.91	1.23 16.36	1.13 16.43	1.45 1.45	1.13 1.13	0.91 0.91	A	231.9	2.46							
12289-5211	1	F CB	A 60906 B 60906	8.747 0.007 11.948 0.139	8.931 0.009	8.682 0.010		187.232 609 49 187.232 261 72	-52.178 324 20 -52.178 776 58	5.16 5.16	10.48 10.48	2.72 2.72	1.36 33.05	1.23 32.80	1.97 1.97	1.46 1.46	1.16 1.16	A	205	1.80							
12291+3123	1	F CA	A 60920 B 60920	8.371 0.005 9.506 0.014				187.281 765 40 187.281 943 19	+31.390 495 03 +31.390 602 75	4.22 4.22	148.52 148.52	-45.40 -45.40	1.63 4.53	1.22 4.65	1.69 1.69	1.72 1.72	1.13 1.13	A	54.6	0.670							
12298-2919	1	F CA	A 60962 B 60962	7.885 0.004 10.536 0.038				187.453 316 73 187.453 097 71	-29.311 972 25 -29.311 884 84	3.09 3.09	13.24 13.24	-10.95 -10.95	0.99 10.48	1.04 9.03	1.15 1.15	1.20 1.20	0.94 0.94	A	295	0.76							
12298-4952	1	F ND	D A 60959 B 60959	10.400 0.108 12.531 0.612	11.599 0.110	10.331 0.054		187.443 161 25 187.433 823 82	-49.863 106 36 -49.863 838 89	15.06 15.06	-262.87 -262.87	-137.38 -137.38	2.19 189.45	2.09 181.84	2.80 2.80	2.37 2.37	2.21 2.21	A	263.1	21.83							
12299-1203	1	F CA	A 60981 C 60981	9.607 0.031 10.830 0.094				187.493 570 97 187.493 559 66	-12.065 440 54 -12.065 371 40	12.17 12.17	-96.98 -96.98	-10.16 -10.16	3.73 12.86	4.17 10.39	1.53 1.53	1.39 1.39	1.03 1.03	A	351	0.25							
12299-5015	1	F CB	A 60975 B 60975	9.694 0.198 11.340 0.900				187.481 309 93 187.481 311 91	-50.256 211 50 -50.256 162 05	4.11 4.11	-32.31 -32.31	-11.91 -11.91	7.73 34.43	19.72 60.05	1.42 1.42	1.11 1.11	1.07 1.07	A	1	0.18							
12301-1324	1	L CA	A 60994 B 60994	6.546 0.003 9.587 0.046	7.090 0.006	6.459 0.005		187.520 548 29 187.520 271 36	-13.393 052 38 -13.392 581 19	40.03 40.03	-261.58 -237.61	-54.16 -31.94	1.05 17.43	0.73 7.74	0.98 0.98	0.91 9.83	0.60 4.03	A	330.2	1.95	+0.9	+0.01					
12304+3608	1	I CA	A 61026 B 61027	10.463 0.035 10.527 0.036	10.903 0.054 11.630 0.105	10.274 0.049 10.250 0.049		187.608 760 13 187.609 743 20	+36.124 043 13 +36.129 147 09	1.76 -2.00	-9.62 -4.89	0.25 -5.42	14.01 10.96	12.84 8.73	6.48 7.94	6.01 6.40	5.39 6.66	B	8.84	18.60	+0.02	0.00					
12305-7201	1	F CB	A 61034 B 61034	8.135 0.005 11.850 0.135	8.435 0.014	8.069 0.014		187.632 043 73 187.631 438 60	-72.022 921 08 -72.022 139 70	6.95 6.95	9.82 9.82	1.55 1.55	0.94 46.28	0.91 35.18	1.05 1.05	0.91 0.91	0.90 0.90	A	347	2.89							
12306+0331	1	F CA	A 61037 B 61037	7.612 0.004 9.983 0.034	8.659 0.013 10.302 0.046	7.537 0.009 9.777 0.045		187.643 509 35 187.644 932 24	+3.508 248 19 +3.509 949 10	1.29 1.29	-36.46 -36.46	-6.55 -6.55	1.35 12.93	0.93 7.43	1.36 1.36	1.19 1.19	0.84 0.84	A	39.9	7.98							
12306+0943	1	L CA	A 61035 B 61035	8.191 0.009 8.446 0.011	8.078 0.029	7.534 0.024		187.640 637 50 187.640 296 85	+9.715 881 27 +9.715 709 37	11.85 11.85	50.76 50.35	-56.88 -50.59	2.24 6.12	1.55 2.64	2.04 2.04	2.00 4.59	1.17 2.10	A	242.9	1.36	+0.2	0.00					
12306+3431	1	F CA	A 61036 B 61036	9.156 0.066 10.886 0.326				187.640 676 61 187.640 649 70	+34.512 552 35 +34.512 505 01	2.69 2.69	10.43 10.43	-3.58 -3.58	3.40 16.86	5.11 27.85	1.12 1.12	1.05 1.05	0.80 0.80	A	205	0.19							
12309-4920	1	F CA	A 61060 B 61060	10.421 0.014 11.876 0.052				187.725 063 45 187.725 124 01	-49.328 956 36 -49.328 808 90	3.36 3.36	-21.55 -21.55	-10.80 -10.80	2.46 13.56	3.12 13.11	3.44 3.44	2.22 2.22	3.12 3.12	A	15	0.55							
12312-5142	1	F FC	A 61086 B 61086	11.185 0.214 11.719 0.351				187.802 694 23 187.802 639 27	-51.697 115 24 -51.697 178 54	6.03 6.03	-24.17 -24.17	-6.44 -6.44	30.66 46.81	32.57 36.64	3.58 3.58	2.61 2.61	2.38 2.38	A	208	0.26							



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12313-4130	1	F CA	A 61101 B 61101	8.082 0.003 9.122 0.008				8.189 0.013 8.744 0.014	7.926 0.012 8.386 0.014	187.828 382 13 187.828 419 86	-11.504 662 69 -41.504 455 11	6.09 6.09	-32.69 -32.69	6.52 6.52	1.09 0.96 3.72 2.53	1.51 1.32 1.51 1.32	0.99 0.99 0.99 0.99	A	7.8	0.754						
12316+3201	1	F CA	A 61124 B 61124	10.178 0.143 10.990 0.302						187.898 838 27 187.898 891 65	+32.022 907 92 +32.022 933 36	3.77 3.77	13.63 13.63	-7.94 -7.94	12.00 8.98 23.70 18.62	1.37 1.32 1.37 1.32	0.92 0.92 0.92 0.92	A	61	0.19						
12316-1104	1	I NB	A 61127 B 61125	7.990 0.030 8.459 0.042				8.189 0.013 8.744 0.014	7.926 0.012 8.386 0.014	187.902 049 00 187.900 988 13	-11.072 255 14 -11.076 438 13	2.21 -0.26	-64.38 -65.42	0.35 -4.12	4.86 4.02 14.44 11.83	4.39 4.74 8.86 9.50	3.70 3.70 7.38 7.38	A	193.98	15.52	0.00	0.00				
12317-0343	1	F CA	A 61139 B 61139	9.386 0.009 12.288 0.119						187.923 552 26 187.923 709 93	-3.713 080 84 -3.713 172 00	0.81 0.81	-18.89 -18.89	-2.29 -2.29	1.94 1.46 36.91 24.66	1.91 1.49 1.91 1.49	1.03 1.03 1.03 1.03	A	120	0.65						
12318-5607	1	F CA	A 61146 B 61146	9.336 0.010 10.178 0.020				9.207 0.014 10.069 0.059	9.034 0.015 9.663 0.056	187.956 374 37 187.957 068 92	-56.120 499 02 -56.120 168 77	-0.04 -0.04	-16.64 -16.64	-2.29 -2.29	1.59 1.98 5.40 6.44	2.51 1.75 2.51 1.75	1.96 1.96 1.96 1.96	A	49.5	1.83						
12321+7449	1	F CA	A 61169 B 61169	7.772 0.005 9.604 0.029				8.961 0.012 10.646 0.121	7.669 0.008 9.431 0.064	188.012 353 99 188.013 924 23	+74.811 549 45 +74.812 512 53	4.88 4.88	-10.13 -10.13	-6.97 -6.97	0.89 0.99 5.72 7.09	0.98 0.98 0.98 0.98	1.07 1.07 1.07 1.07	A	23.1	3.77						
12325+2106	1	F CB	A 61204 B 61204	10.157 0.017 10.487 0.013				10.569 0.041 10.707 0.048	10.060 0.040 10.240 0.050	188.129 510 58 188.129 573 61	+21.100 942 94 +21.099 256 86	5.32 5.32	-8.91 -8.91	-4.50 -4.50	3.60 2.48 6.59 6.14	3.20 4.37 3.20 4.37	2.72 2.72 2.72 2.72	A	178.0	6.07						
12325-5954	1	F CA	A 61202 S 61202	8.258 0.099 8.906 0.180						188.123 841 04 188.123 893 88	-59.896 782 08 -59.896 746 47	2.61 2.61	-11.54 -11.54	-7.35 -7.35	4.76 6.64 8.98 10.82	0.86 0.73 0.86 0.73	0.58 0.58 0.58 0.58	A	37	0.16						
12327-7339	1	F CA	A 61216 B 61216	8.724 0.018 9.486 0.037						188.166 693 07 188.166 375 58	-73.656 394 11 -73.656 371 22	2.48 2.48	-3.79 -3.79	-8.30 -8.30	2.86 2.18 4.96 5.88	1.10 1.20 1.10 1.20	0.95 0.95 0.95 0.95	A	284	0.332						
12328+2301	1	F CA	A 61223 B 61223	9.962 0.009 10.846 0.019						188.187 699 18 188.187 893 20	+23.009 929 60 +23.009 711 59	3.10 3.10	-3.14 -3.14	-46.83 -46.83	2.04 2.02 6.47 6.27	2.63 2.18 2.63 2.18	2.04 2.04 2.04 2.04	A	140.7	1.01						
12329+5448	1	F CA	P A 61237 B 61237	8.523 0.018 10.160 0.042						188.228 686 99 188.228 751 06	+54.795 277 93 +54.795 517 22	5.04 5.04	-42.50 -42.50	-12.12 -12.12	1.35 1.43 8.32 7.79	1.81 1.57 1.81 1.57	1.45 1.45 1.45 1.45	A	9	0.87						
12331-3739	1	F ND	D A 61247 B 61247	9.286 0.032 12.228 0.445				11.432 0.083 9.339 0.024		188.274 124 19 188.274 285 27	-37.646 973 41 -37.647 362 47	-3.10 -3.10	-4.60 -4.60	0.18 0.18	2.65 2.15 66.97 43.62	2.75 2.35 2.75 2.35	1.60 1.60 1.60 1.60	A	162	1.47						
12334+3202	1	F CA	A 61269 B 61269	9.667 0.007 9.801 0.008				9.988 0.024 10.087 0.025	9.587 0.025 9.644 0.025	188.343 087 12 188.342 302 67	+32.039 827 23 +32.041 944 46	9.87 9.87	-4.02 -4.02	-1.31 -1.31	2.40 2.42 5.65 3.42	2.56 2.07 2.56 2.07	2.22 2.22 2.22 2.22	A	342.6	7.989						
12334+3410	1	F CA	A 61272 B 61272	8.673 0.007 10.936 0.053				9.365 0.019 8.584 0.015		188.352 095 33 188.352 168 27	+34.162 552 95 +34.161 932 68	19.12 19.12	4.60 4.60	4.94 4.94	1.40 1.06 13.56 9.12	1.41 1.76 1.41 1.76	1.13 1.13 1.13 1.13	A	174.4	2.24						
12334-6850	1	I CA	A 61275 B 61268	9.327 0.043 9.461 0.046				9.600 0.021 9.734 0.023	9.198 0.022 9.269 0.023	188.356 020 88 188.339 372 96	-68.837 632 07 -68.835 849 42	6.40 9.07	-57.00 -47.00	-12.06 -14.58	2.29 2.60 15.14 14.38	2.41 2.46 2.98 13.12	2.59 9.65 9.65 9.65	A	286.51	22.57	0.00	-0.01				
12336+0255	1	F ND	D A 61303 B 61303	9.253 0.026 11.802 0.275						188.404 226 79 188.404 277 62	+2.912 007 99 +2.911 949 82	9.43 9.43	-64.04 -64.04	-3.26 -3.26	2.72 2.23 49.83 39.53	1.51 1.51 1.51 1.05	1.05 1.05 1.05 1.05	A	139	0.28						
12340-5732	1	F CA	A 61333 B 61333	8.989 0.085 10.478 0.333						188.509 745 94 188.509 646 51	-57.531 294 64 -57.531 312 48	5.15 5.15	-5.33 -5.33	15.20 15.20	6.99 7.33 25.43 27.18	1.66 1.14 1.66 1.14	0.99 0.99 0.99 0.99	A	252	0.20						
12341-5346	1	F CA	A 61338 B 61338	8.190 0.085 9.878 0.402						188.525 871 40 188.525 810 46	-53.773 574 22 -53.773 548 99	2.20 2.20	-8.97 -8.97	-5.02 -5.02	5.83 3.82 24.27 19.13	0.93 0.66 0.93 0.66	0.64 0.64 0.64 0.64	A	305	0.16						
12342-1812	1	L CA	A 61345 B 61345	7.529 0.004 9.641 0.025						188.539 693 98 188.539 546 91	-18.195 021 75 -18.194 770 20	16.57 16.57	53.54 42.24	-56.03 -64.12	1.26 0.90 15.67 6.86	1.16 1.16 1.16 7.68	0.67 3.30 3.30 3.30	A	331.0	1.04	-0.8	0.00				
12345+0558	1	F CA	A 61369 B 61369	9.314 0.007 9.443 0.007						188.636 258 47 188.636 348 49	+5.965 855 75 +5.965 706 70	8.95 8.95	3.16 3.16	-25.04 -25.04	3.83 5.77 5.68 6.31	2.89 3.15 2.89 3.15	3.71 3.71 3.71 3.71	A	149	0.626						
12348-6953	1	F CC	A 61392 B 61392	8.897 0.130 10.567 0.607						188.710 507 61 188.710 479 33	-69.891 617 42 -69.891 653 24	5.90 5.90	-57.57 -57.57	-0.88 -0.88	6.11 6.46 28.03 43.72	0.87 0.81 0.87 0.81	0.76 0.76 0.76 0.76	A	195	0.13						
12349+2238	1	L CA	A 61394 B 61394	4.959 0.016 6.898 0.094						188.712 990 31 188.712 993 96	+22.629 181 20 +22.629 239 77	8.94 8.94	-58.25 -52.50	31.68 9.80	2.33 2.23 14.63 9.77	0.92 0.92 0.92 10.41	1.78 4.44 4.44 4.44	A	3	0.211	+2	-0.022				
12349-0509	1	F CA	A 61400 S 61400	8.495 0.144 9.339 0.314						188.722 438 74 188.722 429 24	-5.154 709 78 -5.154 741 13	4.56 4.56	-32.72 -32.72	-2.43 -2.43	3.10 8.33 8.14 15.16	0.86 0.70 0.86 0.70	0.52 0.52 0.52 0.52	A	197	0.12						
12350+5814	1	I CA	A 61407 B 61411	9.973 0.023 11.210 0.061				10.313 0.027 11.622 0.081	9.894 0.028 10.878 0.070	188.744 602 08 188.753 816 40	+58.237 853 60 +58.235 313 57	6.77 12.25	9.49 12.30	4.19 -1.62	2.55 2.79 20.04 22.66	2.81 9.37 2.81 13.21	2.83 14.94 2.83 14.94	A	117.64	19.71	+0.01	+0.01				
12351+0727	1	F CA	A 61419 B 61419	8.137 0.005 9.561 0.019				8.630 0.013 10.021 0.041	8.038 0.014 9.248 0.033	188.782 852 66 188.783 059 55	+7.442 942 68 +7.443 670 52	15.73 15.73	153.78 153.78	-81.13 -81.13	1.86 1.11 5.71 5.60	1.49 1.76 1.49 1.76	0.93 0.93 0.93 0.93	A	15.7	2.72						
12351+1823	1	I CA	A 61418 B 61415	5.194 0.028 6.490 0.077				6.454 0.006 6.843 0.005	5.113 0.004 6.525 0.006	188.782 343 82 188.776 444 34	+18.377 001 18 +18.377 033 66	5.31 1.24	-4.58 24.82	23.30 12.78	1.87 1.41 28.08 24.05	1.80 2.15 9.91 24.69	1.31 16.61 16.61 16.61	A	270.33	20.16	-0.03	-0.03				
12356-5435	1	F CB	A 61454 B 61454	9.531 0.007 12.631 0.116				10.127 0.017 9.480 0.015		188.902 141 13 188.903 058 95	-54.586 822 63 -54.586 184 80	4.82 4.82	-6.08 -6.08	-12.46 -12.46	1.27 1.27 30.95 31.64	2.06 1.74 2.06 1.74	1.31 1.31 1.31 1.31	A	39.8	2.99						

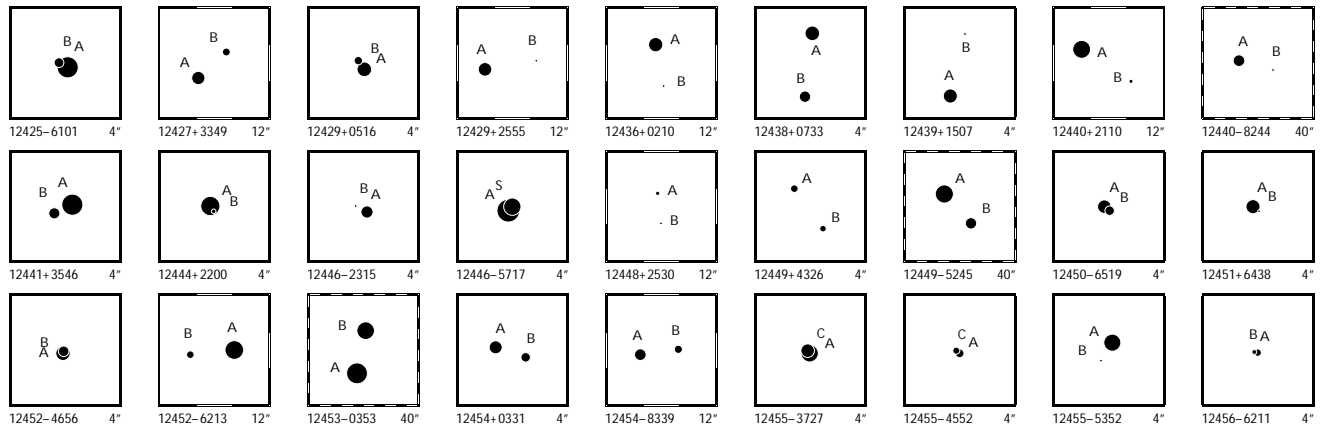


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12357-1202	1	I	CB	A 61466 B 61465	8.087 0.005 8.517 0.006	8.476 0.011 8.989 0.021	7.973 0.012 8.398 0.019		188.932 310 19 188.931 118 98	-12.025 0.014 -12.017 458 60	9.18 11.38	-146.18 -147.08	17.36 20.19	1.81 1.49 1.64 1.64 1.20 3.84 3.09 2.85 2.98 2.11	A 351.22 27.476 0.00 +0.003												
12357-1650	1	F	CB	A 61463 P 61463	6.829 0.027 9.932 0.470				188.928 383 43 188.928 444 69	-16.826 135 02 -16.826 157 20	13.03 13.03	-78.78 -78.78	12.07 12.07	4.98 2.25 1.08 1.06 0.77 135.69 60.22 1.08 1.06 0.77	A 111 0.23												
12358+1408	1	F	CA	A 61472 B 61472	11.418 0.040 11.932 0.064				188.947 439 09 188.947 362 20	+14.132 398 07 +14.132 490 70	-1.01 -1.01	39.41 39.41	-27.53 -27.53	8.92 6.26 6.18 5.96 6.12 28.59 13.52 6.18 5.96 6.12	A 321 0.43												
12358+5635	1	F	CA	A 61474 B 61469	7.878 0.012 10.423 0.101	9.115 0.012 10.797 0.049	7.814 0.007 10.070 0.040		188.952 637 43 188.944 145 74	+56.578 471 52 +56.575 812 08	3.69 3.69	2.71 2.71	-18.22 -18.22	1.52 1.59 1.64 1.54 1.54 28.51 41.97 1.64 1.54 1.54	A 240.4 19.37												
12358-6150	1	F	CA	A 61479 S 61479	9.198 0.125 9.926 0.244				188.959 058 12 188.959 150 47	-61.840 910 36 -61.840 905 42	-0.37 -0.37	-8.77 -8.77	-7.11 -7.11	9.59 6.11 1.02 0.79 0.75 17.44 12.08 1.02 0.79 0.75	A 84 0.16												
12359-0125	1	F	CA	A 61491 B 61491	8.931 0.007 11.966 0.103	10.289 0.040	8.905 0.021		188.983 665 62 188.983 056 22	-1.414 564 17 -1.415 859 93	3.29 3.29	10.36 10.36	-17.99 -17.99	1.91 1.63 2.02 1.70 1.31 33.36 38.95 2.02 1.70 1.31	A 205.2 5.15												
12359-5322	1	F	ND	A 61484 B 61484	9.389 0.016 13.295 0.568	10.081 0.021	9.351 0.018		188.968 285 34 188.967 137 46	-53.374 708 94 -53.374 328 28	9.42 9.42	-40.84 -40.84	-75.51 -75.51	1.58 1.38 2.18 1.62 1.34 108.36 89.46 2.18 1.62 1.34	A 299 2.82												
12360+1124	1	F	CA	A 61493 B 61493	9.271 0.007 9.319 0.008	9.703 0.023 9.686 0.027	9.073 0.028 9.087 0.028		188.990 998 25 188.990 368 53	+11.405 606 29 +11.405 379 71	11.96 11.96	-301.63 -301.63	-72.74 -72.74	3.09 2.16 2.73 2.51 1.86 6.99 5.16 2.73 2.51 1.86	A 249.8 2.37												
12362-4650	1	L	CA	A 61517 B 61517	9.178 0.130 9.836 0.238				189.060 724 63 189.060 766 93	-46.829 846 19 -46.829 872 67	15.69 15.69	-40.44 -16.13	-30.37 -55.06	10.56 6.66 1.27 5.26 2.82 18.66 12.00 1.27 9.43 4.76	A 132 0.14 +1 +0.03												
12362-5652	1	F	CA	A 61516 B 61516	10.055 0.008 10.919 0.017	10.781 0.036 11.609 0.086	9.961 0.028 10.516 0.052		189.052 686 27 189.052 845 30	-56.869 960 09 -56.867 702 80	7.98 7.98	-84.35 -84.35	-24.38 -24.38	2.11 2.34 3.66 2.49 2.40 8.15 6.90 3.66 2.49 2.40	A 2.2 8.13												
12363-7859	1	F	ND	A 61524 B 61524	9.249 0.010 13.085 0.329	10.742 0.035	9.250 0.017		189.072 330 68 189.063 511 94	-78.984 357 07 -78.982 970 66	6.43 6.43	2.22 2.22	25.78 25.78	1.47 1.31 1.48 1.71 1.36 83.40 69.46 1.48 1.71 1.36	A 309 7.86												
12367-6713	1	F	CA	A 61549 B 61549	8.830 0.006 10.253 0.021	8.646 0.010	8.694 0.013		189.176 040 30 189.176 313 10	-67.214 039 06 -67.214 329 13	3.19 3.19	-12.06 -12.06	-3.03 -3.03	1.12 1.21 1.36 1.20 1.10 5.10 6.52 1.36 1.20 1.10	A 160.0 1.11												
12368+2014	1	F	CA	A 61560 B 61560	7.811 0.024 9.786 0.147				189.203 067 49 189.203 044 55	+20.237 721 59 +20.237 781 45	11.52 11.52	-6.32 -6.32	-24.61 -24.61	3.40 3.24 1.37 1.54 0.89 20.14 11.95 1.37 1.54 0.89	A 340 0.23												
12372+2112	1	F	CA	A 61584 B 61584	8.161 0.005 9.075 0.011				189.295 054 81 189.295 245 27	+21.197 982 10 +21.198 027 37	5.26 5.26	-9.11 -9.11	-23.45 -23.45	1.64 1.37 1.76 1.91 1.21 3.69 4.43 1.76 1.91 1.21	A 76 0.660												
12373-4049	1	F	CA	A 61595 B 61595	8.318 0.006 10.896 0.066	8.990 0.017 12.220 0.307	8.262 0.014 10.477 0.091		189.318 749 00 189.318 751 26	-40.812 103 14 -40.814 423 55	16.94 16.94	-157.89 -157.89	-5.48 -5.48	1.21 1.48 1.91 1.41 1.25 16.02 14.61 1.91 1.41 1.25	A 180.0 8.35												
12376-5805	1	F	CC	A 61613 B 61613	8.019 0.006 11.789 0.195	7.970 0.007	7.986 0.010		189.391 407 20 189.392 167 07	-58.088 669 05 -58.087 613 70	-0.12 -0.12	-11.06 -11.06	-2.79 -2.79	1.09 1.06 1.65 1.22 1.08 56.15 52.43 1.65 1.22 1.08	A 21 4.07												
12380+4444	1	I	NB	A 61633 B 61632	11.601 0.030 11.685 0.033				189.495 350 71 189.491 443 50	+44.738 704 58 +44.738 176 91	18.32 17.98	44.54 26.77	-56.00 -50.97	16.63 15.25 10.66 10.66 8.62 7.53 6.84 8.24 7.64 6.01	B 259.2 10.17 0.0 +0.02												
12381-5556	1	F	CA	A 61639 B 61639	7.157 0.003 9.040 0.014	7.215 0.004 9.339 0.037	7.094 0.005 8.617 0.022		189.530 377 16 189.530 315 98	-55.931 186 30 -55.931 702 61	9.05 9.05	-36.39 -36.39	-12.95 -12.95	0.58 0.70 0.97 0.67 0.69 3.60 3.55 0.97 0.67 0.69	A 183.8 1.863												
12383-5050	1	L	CC	A 61653 B 61653	10.200 0.238 12.081 1.345				189.575 593 40 189.575 641 77	-50.826 008 79 -50.826 050 36	1.78 1.78	-11.26 6.46	9.09 -84.13	10.69 17.57 1.99 3.44 18.62 84.36 93.49 1.99 16.39 33.64	A 144 0.19 +13 +0.09												
12383-6550	1	F	CA	A 61646 B 61646	8.624 0.008 11.413 0.095	8.935 0.012 11.428 0.182	8.547 0.013 11.210 0.297		189.567 897 07 189.569 167 84	-65.834 891 06 -65.833 926 36	9.47 9.47	-19.13 -19.13	-17.82 -17.82	1.34 1.35 1.64 1.72 1.22 27.02 21.92 1.64 1.72 1.22	A 28.3 3.95												
12386+2043	1	F	CB	A 61677 B 61677	9.435 0.069 11.337 0.395				189.649 876 32 189.649 949 71	+20.720 883 77 +20.720 840 25	3.30 3.30	-34.50 -34.50	0.60 0.60	8.60 6.85 2.14 2.32 1.55 44.57 37.01 2.14 2.32 1.55	A 122 0.29												
12387-0520	1	F	CA	A 61687 B 61687	9.181 0.011 9.743 0.019	10.133 0.039 10.751 0.062	9.040 0.026 9.576 0.036		189.683 676 87 189.686 034 81	-5.327 404 10 -5.327 872 97	23.22 23.22	312.97 312.97	-111.42 -111.42	2.58 2.08 2.76 2.41 1.95 6.20 4.86 2.76 2.41 1.95	A 101.29 8.62												
12389+1348	1	F	FC	A 61701 B 61701	9.347 0.164 9.672 0.219				189.714 638 95 189.714 641 94	+13.803 734 85 +13.803 778 75	-4.35 -4.35	-6.59 -6.59	3.94 3.94	11.65 14.19 1.44 1.66 0.80 15.65 14.84 1.44 1.66 0.80	A 4 0.16												
12390-6232	1	F	CA	A 61715 B 61715	9.232 0.007 9.706 0.011				189.753 782 47 189.754 143 13	-62.529 447 86 -62.529 402 56	6.61 6.61	-19.54 -19.54	-8.42 -8.42	2.49 1.80 2.46 2.71 1.62 4.00 3.76 2.46 2.71 1.62	A 74.8 0.621												
12391-0133	1	F	CA	A 61726 B 61726	10.671 0.014 11.705 0.035	11.332 0.078	10.684 0.080		189.786 010 19 189.787 545 60	-1.551 866 91 -1.550 685 53	12.97 12.97	-159.30 -159.30	-11.44 -11.44	3.27 2.21 3.20 2.88 1.65 14.32 10.52 3.20 2.88 1.65	A 52.4 6.97												
12392+1420	1	F	CA	A 61728 B 61728	8.221 0.006 10.623 0.052	8.562 0.012 10.888 0.071	8.144 0.012 10.297 0.066		189.791 816 38 189.791 406 85	+14.327 259 30 +14.325 265 03	2.34 2.34	-16.07 -16.07	-4.95 -4.95	1.45 1.03 1.68 1.72 1.11 17.52 11.35 1.68 1.72 1.11	A 191.3 7.32												
12392-4022	1	F	CA	A 61729 B 61729	9.154 0.144 9.844 0.271				189.793 512 80 189.793 569 11	-40.368 702 80 -40.368 714 63	10.86 10.86	-85.40 -85.40	8.22 8.22	10.83 17.06 1.21 0.90 0.96 19.39 31.93 1.21 0.90 0.96	A 105 0.16												

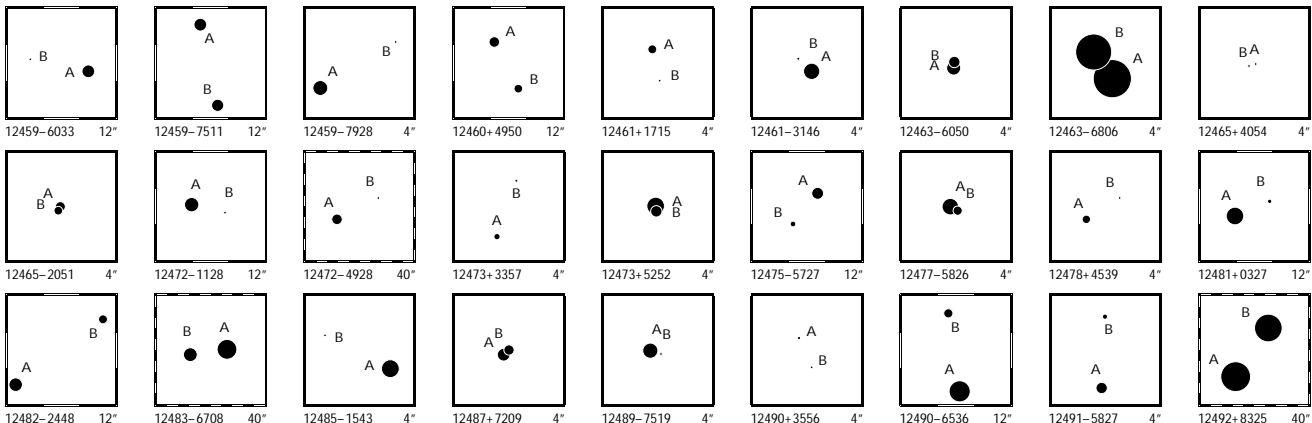


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt					
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
12392-7522	1	F	A	61738	6.603	0.002	6.652	0.004	6.608	0.004	189.810	985.59	-75.370	569.59	4.24	-27.07	-10.01	0.53	0.58	0.60	0.66	0.67	A	270.9	2.02			
			B	61738	9.255	0.023	9.000	0.054	8.721	0.026	189.808	760.97	-75.370	561.12	4.24	-27.07	-10.01	5.11	6.22	0.60	0.66	0.67						
12395-4259	1	F	A	61764	9.782	0.009	9.715	0.018	9.278	0.018	189.882	480.64	-42.984	325.61	6.43	-4.49	3.69	2.76	2.39	3.30	2.63	1.88	A	149.1	1.41			
			B	61764	9.908	0.010					189.882	755.25	-42.984	661.23	6.43	-4.49	3.69	4.68	4.55	3.30	2.63	1.88						
12396+6440	1	F	A	61770	9.584	0.009	9.660	0.018	9.193	0.018	189.901	691.69	+64.674	223.40	3.37	17.07	-11.06	1.89	1.88	2.02	1.97	2.30	A	40.2	1.22			
			B	61770	10.125	0.014					189.902	203.39	+64.674	482.18	3.37	17.07	-11.06	4.10	6.16	2.02	1.97	2.30						
12397-3717	1	L	A	61775	9.709	0.009					189.913	046.09	-37.286	286.60	21.63	-271.02	-266.39	3.20	2.63	2.74	2.45	1.66	A	13	0.481	+4	-0.004	
			B	61775	10.221	0.015					189.913	082.50	-37.286	156.06	21.63	-242.78	-276.80	6.76	4.82	2.74	4.44	2.55						
12399-7751	1	F	A	61792	9.849	0.009					189.972	860.16	-77.844	128.53	37.22	-853.85	356.06	2.96	3.51	2.83	3.20	3.68	A	208.8	0.799			
			B	61792	10.017	0.010					189.972	351.40	-77.844	323.06	37.22	-853.85	356.06	5.17	4.95	2.83	3.20	3.68						
12400+1239	1	F	A	61802	9.997	0.011					189.997	394.81	+12.643	017.75	4.55	-1.99	-317.04	2.98	2.09	2.13	2.09	1.45	A	56	0.40			
			B	61802	12.901	0.148					189.997	489.35	+12.643	079.74	4.55	-1.99	-317.04	56.02	41.63	2.13	2.09	1.45						
12403+4537	1	F	A	61827	9.062	0.010	9.602	0.017	8.993	0.016	190.066	476.96	+45.622	175.77	2.01	-9.32	12.76	2.08	1.81	2.39	2.11	1.68	A	7	6.09			
			B	61827	12.542	0.231					190.066	762.28	+45.623	048.59	2.01	-9.32	12.76	78.05	81.42	2.39	2.11	1.68						
12403-6944	1	F	A	61829	8.928	0.007					190.066	846.47	-69.729	183.87	3.26	-11.66	1.87	1.74	1.71	1.62	1.62	1.36	A	36	0.53			
			B	61829	12.260	0.156					190.067	095.58	-69.729	064.30	3.26	-11.66	1.87	52.02	42.24	1.62	1.62	1.36						
12403-7139	1	F	A	61833	7.969	0.003					190.071	468.49	-71.645	196.62	2.71	-18.08	-4.24	0.84	0.80	0.94	0.90	0.80	A	48.2	0.80			
			B	61833	10.209	0.023					190.071	996.84	-71.645	048.11	2.71	-18.08	-4.24	7.21	6.62	0.94	0.90	0.80						
12406+4016	1	F	A	61854	8.552	0.005	9.016	0.010	8.400	0.009	190.155	888.72	+40.287	883.23	17.78	-20.20	62.67	1.12	1.33	1.67	1.12	1.24	A	2.75	5.65			
			B	61854	9.990	0.019	10.565	0.045	9.812	0.037	190.155	987.41	+40.289	452.15	17.78	-20.20	62.67	4.60	5.41	1.67	1.12	1.24						
12408+7901	1	F	A	61883	8.422	0.005	8.915	0.012	8.334	0.011	190.213	425.62	+79.024	783.75	7.62	28.45	-29.59	0.85	0.93	0.95	0.84	0.91	A	217	2.04			
			B	61883	11.765	0.115					190.211	645.26	+79.024	329.32	7.62	28.45	-29.59	19.09	22.68	0.95	0.84	0.91						
12409+0850	1	F	A	61889	7.846	0.006					190.225	613.22	+8.829	427.61	7.87	-14.16	-25.08	4.00	2.23	3.31	2.97	1.64	A	188.8	1.26			
			B	61889	8.187	0.008					190.225	559.07	+8.829	082.68	7.87	-14.16	-25.08	6.20	11.26	3.31	2.97	1.64						
12410-5815	1	F	A	61898	9.475	0.017					190.262	369.29	-58.253	777.63	-4.15	-6.58	1.86	3.89	2.49	4.33	4.13	2.51	A	94	0.73			
			B	61898	9.999	0.021					190.262	752.83	-58.253	791.22	-4.15	-6.58	1.86	7.38	6.86	4.33	4.13	2.51						
			C	61898	12.453	0.362					190.258	238.75	-58.254	138.46	-4.15	-6.58	1.86	27.86	30.11	4.33	4.13	2.51						
12411+6831	1	I	A	61900	9.351	0.007	9.706	0.018	9.271	0.018	190.268	664.06	+68.516	076.25	6.74	-5.37	-7.06	1.74	1.92	1.68	1.68	2.01	A	200.91	28.99	0.00	0.00	
			B	61896	11.673	0.042	12.039	0.150	11.037	0.094	190.260	821.45	+68.508	554.33	10.04	-6.63	-4.48	13.15	13.92	8.54	9.30	9.41						
12412-5819	1	F	A	61906	9.237	0.010	9.637	0.017	9.204	0.017	190.294	919.05	-58.316	477.10	4.74	-29.68	-7.14	1.45	1.35	2.17	1.60	1.39	A	15	3.45			
			B	61906	13.437	0.457					190.295	376.54	-58.315	547.97	4.74	-29.68	-7.14	114.95	105.55	2.17	1.60	1.39						
12413-1301	1	L	A	61910	5.945	0.015	6.289	0.010	5.849	0.010	190.316	764.07	-13.013	920.23	11.72	-117.92	7.86	4.22	2.84	1.90	1.90	1.28	B	131.80	5.349	+0.10	+0.003	
			B	61910	5.964	0.015					190.317	900.92	-13.014	910.61	11.72	-121.79	-0.80	2.10	1.70	1.90	2.10	1.60						
12415-4858	1	L	A	61932	2.853	0.005	2.853	0.005			190.380	202.79	-48.959	885.53	25.01	-187.28	-1.20	0.86	0.76	1.01	0.82	0.73	A	351.9	1.217	-0.5	-0.029	
			B	61932	2.946	0.005					190.379	947.90	-48.959	550.90	25.01	-192.79	-30.95	1.69	4.13	1.01	1.14	2.02						
12417-0127	1	L	A	61941	3.550	0.008					190.416	675.57	-1.449	522.31	84.53	-616.66	60.66	1.35	0.88	1.18	1.11	0.70	A	284.45	2.701	-1.56	-0.115	
			B	61941	3.601	0.009					190.415	948.80	-1.449	335.06	84.53	-523.91	-39.05	2.56	1.84	1.18	1.13	0.78						
12418+0724	1	F	A	61955	10.127	0.009	10.719	0.057	9.991	0.049	190.459	114.25	+7.397	118.21	10.59	-68.12	-68.15	2.72	1.88	2.54	2.45	1.49	A	136.3	2.13			
			B	61955	11.692	0.029					190.459	526.55	+7.396	690.47	10.59	-68.12	-68.15	12.38	10.75	2.54	2.45	1.49						
12418+2943	1	F	A	61956	10.384	0.013	10.644	0.044	10.189	0.045	190.459	171.24	+29.719	832.87	4.30	-3.38	2.46	2.12	1.80	2.33	2.60	1.79	A	4	1.07			
			B	61956	12.665	0.104					190.459	193.99	+29.720	130.81	4.30	-3.38	2.46	25.16	21.69	2.33	2.60	1.79						
12418-5555	1	F	A	61948	9.232	0.187					190.447	630.72	-55.910	946.48	-0.25	-7.37	-5.87	9.39	7.64	1.23	0.85	0.77	A	268	0.14			
			B	61948	10.836	0.819					190.447	560.82	-55.910	947.72	-0.25	-7.37	-5.87	67.36	35.64	1.23	0.85	0.77						
12419-6444	1	F	A	61959	8.068	0.188					190.469	224.68	-64.728	731.30	7.37	-20.52	3.90	11.53	7.65	0.82	0.81	0.60	A	244	0.13			
			B	61959	8.397	0.255					190.469	148.89	-64.728	747.09	7.37	-20.52	3.90	12.75	10.20	0.82	0.81	0.60						
12421-5446																												

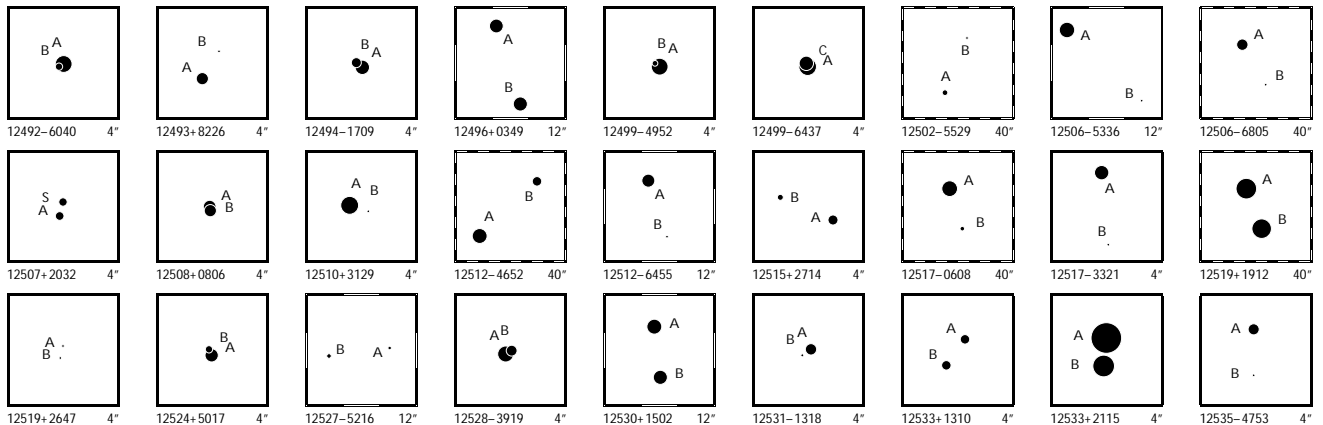
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12425-6101	1	F CA	A 62002 B 62002	7.345 0.006 9.857 0.064							190.613 536 68 190.613 721 23	-61.018 479 40 -61.018 432 86	9.51 9.51	-36.65 -36.65	-12.10 -12.10	1.22 1.10 1.06 0.88 0.81 9.99 11.45 1.06 0.88 0.81						A 63	0.36		
12427+3349	1	F CA	A 62018 B 62018	9.033 0.007 10.281 0.020	9.438 0.017 10.618 0.060	8.906 0.016 9.952 0.050					190.665 215 99 190.664 154 83	+33.814 239 48 +33.815 048 05	4.40 4.40	-2.21 -2.21	-3.02 -3.02	1.66 1.40 1.66 1.86 1.31 6.68 4.89 1.66 1.86 1.31						A 312.5	4.31		
12429+0516	1	F CA	A 62034 B 62034	8.771 0.007 10.116 0.025							190.730 885 67 190.730 943 44	+5.266 640 24 +5.266 738 78	12.45 12.45	-87.08 -87.08	-93.80 -93.80	2.04 1.77 1.82 1.69 1.02 7.44 6.53 1.82 1.69 1.02						A 30	0.41		
12429+2555	1	F CA	A 62033 B 62033	8.971 0.010 12.327 0.216	10.112 0.029 8.887 0.018						190.731 141 67 190.729 370 74	+25.909 727 04 +25.909 995 68	0.43 0.43	3.64 3.64	-8.36 -8.36	1.84 1.14 1.57 1.73 1.05 43.44 29.78 1.57 1.73 1.05						A 279.6	5.82		
12436+0210	1	F CB	A 62100 B 62100	8.825 0.006 12.296 0.136	9.255 0.021 8.734 0.020						190.904 307 49 190.904 059 47	+2.163 383 62 +2.162 131 72	4.11 4.11	-16.87 -16.87	-8.00 -8.00	1.57 1.12 1.58 1.39 0.95 43.76 34.54 1.58 1.39 0.95						A 191	4.59		
12438+0733	1	F CA	A 62112 B 62112	8.780 0.007 9.454 0.013	9.191 0.017 9.701 0.027	8.712 0.017 9.240 0.024					190.949 350 08 190.949 425 34	+7.558 509 13 +7.557 863 85	5.13 5.13	0.32 0.32	11.61 11.61	2.52 1.49 2.06 2.06 1.08 5.47 5.25 2.06 2.06 1.08						A 173.4	2.34		
12439+1507	1	F CA	A 62116 B 62116	8.893 0.007 11.915 0.108	9.121 0.016 8.818 0.017						190.963 280 12 190.963 123 40	+15.112 262 87 +15.112 893 67	-0.05 -0.05	-10.56 -10.56	4.18 4.18	1.78 1.22 1.87 1.94 1.21 37.20 28.94 1.87 1.94 1.21						A 347	2.34		
12440+2110	1	F CA	A 62130 B 62130	8.056 0.005 11.095 0.072	8.295 0.010 11.215 0.093	7.997 0.010 10.507 0.073					190.999 441 50 190.997 804 12	+21.172 960 98 +21.171 992 24	5.90 5.90	-24.27 -24.27	22.16 22.16	1.16 0.88 1.34 1.59 0.94 17.68 14.22 1.34 1.59 0.94						A 237.6	6.51		
12440-8244	1	F FD	D 62132 B 62132	9.415 0.017 11.638 0.131	9.944 0.020 9.341 0.019						191.003 690 34 190.976 243 08	-82.734 333 50 -82.735 224 85	9.74 9.74	9.88 9.88	-5.21 -5.21	2.16 1.88 2.13 2.25 1.87 34.47 29.95 2.13 2.25 1.87						A 255.6	12.90		
12441+3546	1	F CA	A 62140 B 62140	7.295 0.003 9.548 0.023							191.036 756 90 191.036 986 27	+35.768 687 97 +35.768 595 40	10.77 10.77	21.08 21.08	18.97 18.97	1.36 0.86 1.18 1.27 0.82 7.70 8.50 1.18 1.27 0.82						A 116	0.75		
12444+2200	1	F ND	D 62162 B 62162	7.756 0.020 10.963 0.389							191.094 584 50 191.094 543 83	+21.993 966 69 +21.993 911 22	15.38 15.38	-127.13 -127.13	-193.86 -193.86	1.58 1.41 1.17 1.57 0.82 41.48 48.82 1.17 1.57 0.82						A 214	0.24		
12446-2315	1	F ND	D 62183 B 62183	9.306 0.011 12.936 0.290							191.161 630 74 191.161 751 22	-23.251 172 34 -23.251 113 91	7.22 7.22	-70.95 -70.95	33.54 33.54	2.00 1.65 1.70 1.93 1.36 84.81 82.71 1.70 1.93 1.36						A 62	0.45		
12446-5717	1	F CA	A 62179 S 62179	6.985 0.034 8.176 0.100							191.145 824 58 191.145 764 89	-57.286 901 63 -57.286 872 24	8.94 8.94	-31.06 -31.06	-12.45 -12.45	2.15 2.06 0.72 0.56 0.44 6.22 5.51 0.72 0.56 0.44						A 312	0.16		
12448+2530	1	F CB	A 62192 B 62192	11.062 0.014 13.079 0.082	11.579 0.089 11.041 0.087						191.202 355 59 191.202 232 19	+25.497 813 65 +25.496 886 70	-0.49 -0.49	-0.31 -0.31	2.38 2.38	2.67 2.01 2.58 2.57 2.07 23.70 17.82 2.58 2.57 2.07						A 186.9	3.36		
12449+4326	1	F CA	A 62201 B 62201	10.315 0.010 10.555 0.012	10.401 0.044 10.537 0.049	9.686 0.028 9.874 0.042					191.228 876 78 191.228 471 06	+43.427 879 35 +43.427 468 62	14.61 14.61	-58.54 -58.54	10.76 10.76	2.82 3.06 3.94 2.62 3.07 5.06 6.33 3.94 2.62 3.07						A 215.7	1.82		
12449-5245	1	I CA	A 62196 B 62195	7.982 0.009 9.477 0.033	8.329 0.009 10.053 0.026	7.910 0.009 9.360 0.022					191.214 170 29 191.209 633 44	-52.755 821 20 -52.758 863 17	8.28 5.96	17.39 19.82	-1.39 -9.05	1.57 1.77 1.93 1.55 2.01 10.56 10.62 6.91 7.92 7.70						A 222.07	14.75	-0.03	0.00
12450-6519	1	F CA	A 62205 B 62205	8.986 0.042 9.882 0.095							191.239 291 42 191.239 173 27	-65.319 237 84 -65.319 279 86	5.73 5.73	-24.18 -24.18	-6.44 -6.44	4.11 3.71 1.12 1.13 0.86 8.49 7.70 1.12 1.13 0.86						A 230	0.23		
12451+6438	1	F CC	A 62215 B 62215	8.903 0.027 11.868 0.418							191.266 096 49 191.265 946 45	+64.627 892 04 +64.627 845 13	2.51 2.51	21.72 21.72	-16.72 -16.72	5.23 7.38 1.35 1.32 1.23 61.59 64.12 1.35 1.32 1.23						A 234	0.29		
12452-4656	1	F CB	A 62228 B 62228	8.803 0.284 9.668 0.630							191.311 238 20 191.311 228 65	-46.934 724 02 -46.934 694 11	3.76 3.76	-33.13 -33.13	-5.24 -5.24	14.10 15.73 1.07 0.85 0.66 37.12 28.47 1.07 0.85 0.66						A 348	0.11		
12452-6213	1	F CA	A 62227 B 62227	7.867 0.006 10.339 0.058	9.122 0.013 11.098 0.139	7.889 0.009 9.866 0.066					191.308 738 93 191.311 597 47	-62.217 656 58 -62.217 813 87	0.45 0.45	-4.03 -4.03	-0.60 -0.60	0.93 0.97 1.23 1.09 1.03 11.52 10.68 1.23 1.09 1.03						A 96.7	4.83		
12453-0353	1	I CA	A 62234 B 62233	7.374 0.020 8.125 0.032	7.616 0.008 8.409 0.012	7.286 0.009 8.147 0.013					191.322 385 24 191.321 464 90	-3.888 097 32 -3.883 751 85	3.01 7.88	-32.26 -35.79	11.22 10.72	3.05 2.25 2.68 2.55 1.86 12.89 10.19 5.82 7.96 5.46						A 348.07	15.99	-0.01	0.00
12454+0331	1	F CA	A 62237 B 62237	9.097 0.012 9.908 0.025	9.291 0.017 8.826 0.018						191.338 007 98 191.337 693 40	+3.524 454 58 +3.524 359 97	4.66 4.66	-40.25 -40.25	14.19 14.19	2.90 2.17 2.49 2.23 1.65 14.00 6.52 2.49 2.23 1.65						A 253	1.18		
12454-8339	1	F CA	A 62239 B 62239	9.424 0.006 10.214 0.013	9.891 0.021 10.802 0.052	9.286 0.019 10.051 0.042					191.349 703 61 191.338 899 77	-83.657 656 98 -83.657 478 55	8.05 8.05	-161.48 -161.48	103.46 103.46	1.90 1.64 1.87 2.25 1.87 5.30 5.41 1.87 2.25 1.87						A 278.5	4.34		
12455-3727	1	L CA	A 62254 C 62254	8.168 0.111 8.982 0.234							191.366 314 75 191.366 343 86	-37.449 248 52 -37.449 216 39	9.19 9.19	-60.16 -51.07	-5.46 1.28	4.95 6.52 0.95 1.74 1.48 9.24 12.46 0.95 3.32 2.85						A 36	0.142	+1	+0.011
12455-4552	1	F CC	A 62252 C 62252	10.072 0.335 10.466 0.482							191.365 068 08 191.365 118 36	-45.862 578 98 -45.862 551 65	15.64 15.64	-50.91 -50.91	-61.10 -61.10	23.86 16.50 1.46 1.09 0.76 23.39 26.27 1.46 1.09 0.76						A 52	0.16		
12455-5352	1	F ND	D 62263 B 62263	8.237 0.007 11.962 0.216							191.385 633 67 191.385 812 81	-53.861 677 26 -53.861 863 25	-1.04 -1.04	-11.87 -11.87	-1.69 -1.69	1.42 1.31 1.85 1.49 1.20 62.42 54.38 1.85 1.49 1.20						A 150	0.77		
12456-6211	1	F CB	A 62270 B 62270	10.368 0.415 10.908 0.683							191.412 101 44 191.412 185 33	-62.189 595 54 -62.189 586 27	6.12 6.12	-18.87 -18.87	-2.07 -2.07	29.59 11.04 1.48 1.29 1.15 41.66 18.12 1.48 1.29 1.15						A 77	0.14		



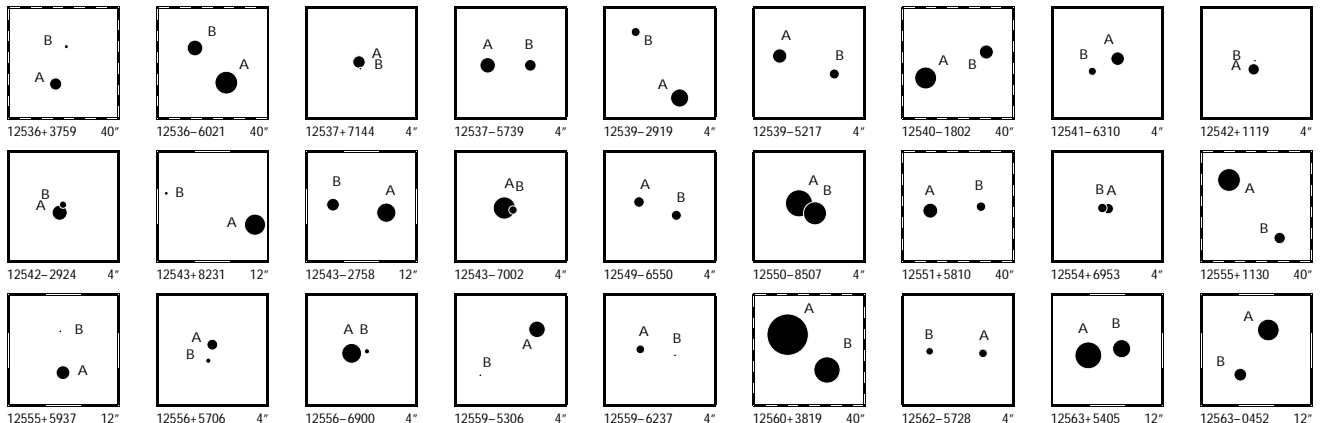
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12459-6033	1	F C B	A 62291 B 62291	9.194 0.012 12.307 0.181	9.417 0.015	9.212 0.018		191.474 851 00 191.478 465 87	-60.551 514 66 -60.551 125 78	0.54 0.54	-4.16 -4.16	-0.76 -0.76	1.43 1.31 1.88 1.93 1.36 33.18 31.72 1.88 1.93 1.36	A	77.7	6.55										
12459-7511	1	F C A	A 62289 B 62289	9.198 0.008 9.298 0.009	9.453 0.017 9.586 0.019	9.052 0.018 9.195 0.019		191.473 337 55 191.471 286 98	-75.184 258 33 -75.186 743 61	3.97 3.97	-26.74 -26.74	1.07 1.07	2.32 2.02 2.45 3.03 2.58 4.44 4.38 2.45 3.03 2.58	A	191.91	9.144										
12459-7928	1	F C A	A 62287 B 62287	8.689 0.004 11.401 0.049	9.200 0.013	8.610 0.012		191.469 647 73 191.465 405 41	-79.462 247 60 -79.461 782 10	8.82 8.82	-82.03 -82.03	-12.24 -12.24	0.93 0.88 0.99 1.05 0.98 14.18 12.40 0.99 1.05 0.98	A	301.0	3.26										
12460+4950	1	F C A	A 62303 B 62303	9.662 0.007 10.095 0.010	9.944 0.020 10.451 0.037	9.483 0.021 9.952 0.037		191.503 475 79 191.502 334 50	+49.823 064 41 +49.821 621 32	8.67 8.67	15.04 15.04	2.41 2.41	2.19 1.97 2.99 2.39 2.37 3.80 3.76 2.99 2.39 2.37	A	207.03	5.832										
12461+1715	1	F C B	A 62308 B 62308	10.014 0.014 12.290 0.113	10.442 0.035	9.854 0.033		191.513 908 09 191.513 830 13	+17.255 843 78 +17.255 536 60	4.78 4.78	-14.58 -14.58	-9.76 -9.76	2.69 1.98 2.65 2.98 1.77 21.38 34.36 2.65 2.98 1.77	A	193	1.16										
12461-3146	1	F C A	A 62309 B 62309	8.425 0.005 11.333 0.063				191.519 085 38 191.519 236 07	-31.763 170 39 -31.763 035 58	2.34 2.34	12.27 12.27	-5.16 -5.16	1.24 0.97 1.38 1.18 0.78 15.60 12.30 1.38 1.18 0.78	A	44	0.67										
12463-6050	1	L C A	A 62324 B 62324	8.880 0.036 9.454 0.061				191.582 782 40 191.582 759 23	-60.838 773 20 -60.838 706 42	4.52 4.52	-13.85 -7.29	2.85 -3.88	2.63 4.54 1.35 1.99 1.55 5.77 7.44 1.35 3.53 2.54	A	350	0.244 +1	-0.008									
12463-6806	1	L C A	A 62322 B 62322	3.512 0.004 4.007 0.006				191.570 290 13 191.570 801 16	-68.108 094 05 -68.107 818 57	10.48 10.48	-40.40 -33.62	-10.32 -22.37	0.59 0.60 0.65 0.61 0.56 1.92 1.91 0.65 1.06 0.97	A	34.7	1.206 +0.6	-0.006									
12465+4054	1	F F D	A 62336 B 62336	11.829 0.095 12.502 0.177				191.614 521 21 191.614 623 27	+40.902 390 01 +40.902 368 30	10.48 10.48	86.83 86.83	-179.27 -179.27	17.82 9.89 3.52 2.25 2.49 22.93 18.70 3.52 2.25 2.49	A	106	0.29										
12465-2051	1	F C A	A 62337 B 62337	9.772 0.166 10.108 0.226				191.614 598 46 191.614 622 44	-20.847 985 66 -20.848 025 06	4.38 4.38	-31.77 -31.77	26.45 26.45	32.21 12.17 1.38 1.36 0.98 43.49 17.61 1.38 1.36 0.98	A	150	0.16										
12472-1128	1	F C B	A 62395 B 62395	8.805 0.008 12.456 0.232	9.261 0.015	8.741 0.015		191.809 736 41 191.808 683 29	-11.475 306 37 -11.475 550 20	4.87 4.87	9.10 9.10	0.58 0.58	1.88 1.42 2.09 1.83 1.39 72.42 54.32 2.09 1.83 1.39	A	257	3.82										
12472-4928	1	I N D	A 62390 B 62387	9.638 0.020 12.715 0.306	10.103 0.018	9.527 0.017		191.796 721 48 191.790 021 78	-49.474 419 26 -49.472 300 03	8.72 39.48	-12.68 -13.46	5.34 12.45	2.26 1.75 2.36 2.17 1.73 99.67 72.16 64.77 56.71 44.26	A	296.0	17.43	0.0	0.00								
12473+3357	1	F C A	A 62398 B 62398	10.647 0.015 11.326 0.026	10.995 0.067	10.327 0.055		191.818 031 37 191.817 792 51	+33.943 941 75 +33.944 516 53	5.30 5.30	2.37 2.37	-4.30 -4.30	3.85 2.65 3.42 4.35 2.60 10.30 7.33 3.42 4.35 2.60	A	341.0	2.19										
12473+5252	1	L C A	A 62405 B 62405	8.081 0.053 9.480 0.190				191.833 027 79 191.833 024 71	+52.861 860 96 +52.861 806 18	5.22 5.22	-37.54 -57.29	6.77 -15.95	4.02 5.24 0.86 2.83 1.50 14.39 16.79 0.86 9.97 4.28	A	182	0.20 +6	+0.02									
12475-5727	1	F C A	A 62416 B 62416	9.384 0.006 10.764 0.022	10.386 0.022	9.327 0.015		191.875 541 46 191.876 915 10	-57.441 120 83 -57.442 059 04	2.79 2.79	-13.64 -13.64	-3.67 -3.67	1.59 1.39 2.43 1.76 1.36 6.74 5.66 2.43 1.76 1.36	A	141.8	4.300										
12477-5826	1	F C A	A 62431 B 62431	8.316 0.020 9.976 0.092				191.924 357 91 191.924 216 68	-58.432 151 14 -58.432 197 52	6.87 6.87	-28.32 -28.32	-7.59 -7.59	2.58 2.08 1.33 1.02 0.80 10.34 9.49 1.33 1.02 0.80	A	238	0.31										
12478+4539	1	F C A	A 62440 B 62440	10.159 0.017 11.949 0.085	10.511 0.032	9.973 0.030		191.955 024 75 191.954 543 93	+45.645 571 67 +45.645 791 80	5.90 5.90	-31.51 -31.51	-10.52 -10.52	2.39 2.13 3.05 2.39 2.27 20.47 15.58 3.05 2.39 2.27	A	303	1.45										
12481+0327	1	F C B	A 62466 B 62466	8.115 0.009 11.045 0.125	8.464 0.011	8.039 0.011		192.016 931 47 192.015 835 42	+3.455 340 62 +3.455 814 14	5.20 5.20	-76.64 -76.64	-10.61 -10.61	1.62 1.32 1.68 1.51 1.04 33.45 25.50 1.68 1.51 1.04	A	293.4	4.29										
12482-2448	1	I C A	A 62472 B 62471	8.999 0.012 10.014 0.025	10.356 0.045 11.454 0.131	8.952 0.023 9.887 0.045		192.045 449 48 192.042 483 74	-24.807 013 30 -24.804 993 62	50.31 53.29	-312.15 -314.92	170.71 174.58	3.83 2.74 3.19 3.41 2.01 13.78 9.77 9.20 9.79 5.97	A	306.88	12.12 +0.01	0.00									
12483-6708	1	I C A	A 62482 B 62488	7.630 0.009 8.949 0.022	7.796 0.008 9.218 0.015	7.599 0.008 8.713 0.014		192.069 672 84 192.079 179 80	-67.131 179 07 -67.131 685 63	10.24 9.33	-35.97 -35.80	-13.82 -17.02	1.57 1.68 1.66 1.67 1.60 7.35 6.21 3.91 4.03 3.44	A	97.81	13.425 +0.01	+0.001									
12485-1543	1	F N C	A 62505 B 62505	8.052 0.016 12.261 0.783	9.076 0.024	7.992 0.017		192.134 414 77 192.135 107 16	-15.719 581 51 -15.719 248 94	47.19 47.19	79.70 79.70	44.66 44.66	1.82 1.64 1.93 1.90 1.46 111.88 85.48 1.93 1.90 1.46	A	63	2.68										
12487+7209	1	F C A	A 62515 B 62515	9.151 0.023 9.733 0.040				192.174 544 81 192.174 360 03	+72.148 277 46 +72.148 326 06	6.02 6.02	-32.57 -32.57	-7.46 -7.46	2.62 2.56 0.96 1.04 1.03 4.88 4.93 0.96 1.04 1.03	A	311	0.269										
12489-7519	1	F C A	A 62539 B 62539	8.638 0.007 11.376 0.083				192.222 948 96 192.222 508 77	-75.322 717 70 -75.322 752 48	8.20 8.20	30.98 30.98	20.11 20.11	1.44 1.19 1.09 1.19 0.91 15.74 15.62 1.09 1.19 0.91	A	253	0.42										
12490+3556	1	F C A	A 62548 B 62548	11.279 0.012 12.808 0.048	11.471 0.068	11.080 0.082		192.240 921 72 192.240 767 86	+35.938 597 49 +35.938 299 52	1.41 1.41	-18.99 -18.99	-4.87 -4.87	3.78 2.71 3.45 3.52 2.40 14.41 19.28 3.45 3.52 2.40	A	203	1.16										
12490-6536	1	F C A	A 62555 B 62555	7.322 0.005 9.934 0.057	7.275 0.006 9.930 0.026	7.301 0.006 9.668 0.032		192.260 383 28 192.261 235 00	-65.593 156 91 -65.590 770 70	0.80 0.80	-12.19 -12.19	-3.48 -3.48	0.77 0.75 0.97 0.93 0.77 12.15 11.10 0.97 0.93 0.77	A	8.4	8.68										
12491-5827	1	F C A	A 62560 B 62560	9.470 0.011 10.831 0.036	9.872 0.018 10.438 0.049	9.206 0.014 9.769 0.044		192.274 495 66 192.274 438 27	-58.448 589 24 -58.447 854 57	5.25 5.25	-27.44 -27.44	2.53 2.53	1.79 1.67 2.60 2.18 1.59 8.28 9.00 2.60 2.18 1.59	A	357.7	2.65										
12492+8325	1	I N B	A 62572 B 62561	5.394 0.027 5.883 0.037	5.345 0.003 5.825 0.003	5.314 0.003 5.809 0.004		192.307 501 99 192.278 296 80	+83.412 858 18 +83.417 794 43	10.75 14.68	-28.15 -22.05	17.55 15.52	2.02 1.94 1.74 1.87 1.76 13.45 13.40 6.92 7.50 6.88	A	325.86	21.47 +0.01	-0.01									



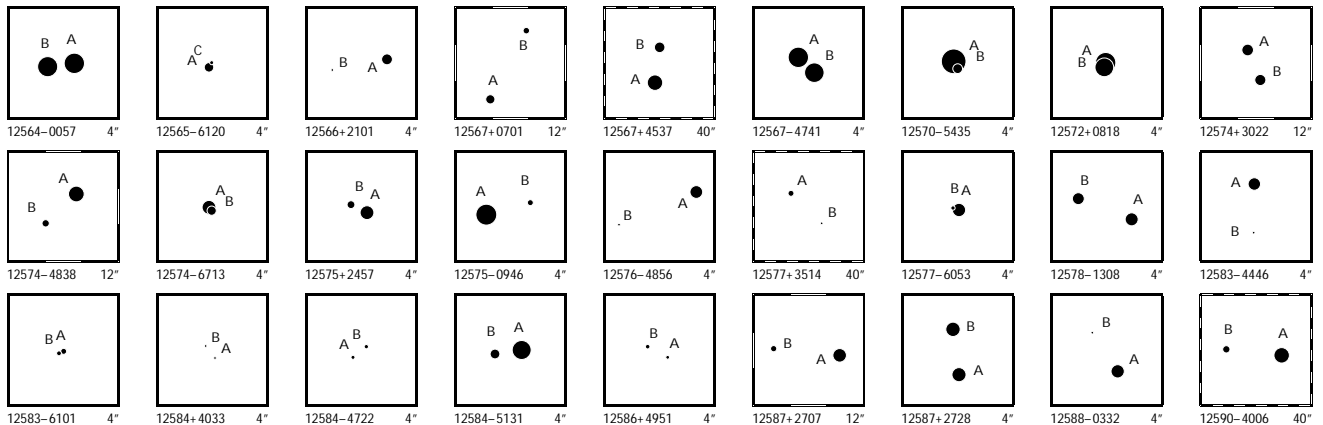
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12492+6040	1	F	D	A 62571 B 62571	8.286 10.398	0.062 0.431					192.305 909 89 192.306 006 08	-60.662 002 26 -60.662 029 19	2.34 2.34	-2.57 -2.57	-2.41 -2.41	9.58 32.66	5.89 23.75	1.12 1.12	1.11 1.11	0.84 0.84	A	120		0.20	
12493+8226	1	F	C	A 62574 B 62574	9.307 11.856	0.009 0.090	9.521 0.017	9.228 0.019			192.315 698 98 192.314 408 62	+82.429 907 26 +82.430 176 67	6.64 6.64	5.89 5.89	8.07 8.07	1.29 18.17	1.34 20.60	1.37 1.37	1.44 1.44	1.35 1.35	A	328		1.15	
12494-1709	1	F	C	A 62584 B 62584	8.799 9.796	0.021 0.054					192.362 592 53 192.362 660 15	-17.145 751 99 -17.145 705 76	3.93 3.93	-10.79 -10.79	-11.50 -11.50	3.44 8.23	4.03 10.98	1.55 1.55	1.78 1.78	1.07 1.07	A	54		0.29	
12496+0349	1	F	C	B 62596 A 62596	8.898 8.928	0.013 0.013	9.406 0.022	8.799 0.020	9.408 0.022	8.794 0.020	192.395 279 84 192.396 011 95	+3.818 220 48 +3.820 607 38	13.51 13.51	-77.38 -77.38	-2.50 -2.50	3.59 5.71	3.02 3.91	2.75 2.75	2.51 2.51	1.70 1.70	B	17.0		8.986	
12499-4952	1	F	C	B 62621 A 62621	8.265 10.716	0.036 0.345					192.477 418 91 192.477 501 91	-49.868 914 42 -49.868 886 52	4.56 4.56	-10.28 -10.28	-30.29 -30.29	5.41 39.00	4.42 21.22	1.22 1.22	1.03 1.03	0.76 0.76	A	62		0.22	
12499-6437	1	F	C	A 62624 B 62624 C 62624	8.116 8.809	0.170 0.321					192.481 122 46 192.481 158 40	-64.613 720 43 -64.613 686 69	2.61 2.61	-14.84 -14.84	-3.93 -3.93	9.14 19.49	10.31 17.16	0.79 0.79	0.69 0.69	0.58 0.58	A	25		0.13	
12502-5529	1	F	D	A 62643 B 62643	10.721 12.942	0.094 0.575	10.774 0.034	10.612 0.048			192.545 608 56 192.541 716 23	-55.487 326 55 -55.481 610 08	3.57 3.57	-15.14 -15.14	-1.40 -1.40	1.85 152.03	1.84 151.79	2.85 2.85	2.65 2.65	1.71 1.71	A	338.7		21.86	
12506-5336	1	F	D	A 62675 B 62672	8.564 12.353	0.013 0.421	10.481 0.031	8.635 0.012			192.642 775 09 192.638 895 08	-53.607 567 64 -53.609 724 00	3.73 3.73	-17.15 -17.15	-2.88 -2.88	2.20 109.98	2.01 92.77	2.58 2.58	2.25 2.25	1.83 1.83	A	226.9		11.36	
12506-6805	1	F	D	A 62677 B 62677	9.474 11.577	0.029 0.180	10.026 0.029	9.458 0.027			192.649 533 16 192.643 266 84	-68.091 282 22 -68.095 419 57	5.46 5.46	-28.49 -28.49	-12.68 -12.68	1.64 35.50	1.62 33.93	1.94 1.94	2.01 2.01	1.58 1.58	A	209.5		17.11	
12507+2032	1	L	C	A 62686 S 62686	10.081 10.140	0.008 0.009					192.674 759 72 192.674 726 19	+20.534 808 66 +20.534 952 93	27.58 27.58	-130.42 -109.95	-26.27 -32.11	4.47 4.44	4.69 5.01	3.39 3.39	3.76 4.87	3.77 4.16	A	348		0.532 +2	-0.010
12508+0806	1	F	C	A 62697 B 62697	9.189 9.308	0.319 0.356					192.706 940 82 192.706 928 58	+8.099 224 41 +8.099 187 99	9.46 9.46	-101.92 -101.92	-41.26 -41.26	9.79 7.36	27.21 13.50	1.26 1.26	1.10 1.10	0.95 0.95	A	198		0.14	
12510+3129	1	F	C	A 62706 B 62706	8.033 11.450	0.003 0.070					192.748 380 51 192.748 148 45	+31.476 224 42 +31.476 159 66	13.00 13.00	-58.22 -58.22	-42.78 -42.78	1.02 22.68	0.81 21.45	1.01 1.01	1.15 1.15	0.74 0.74	A	252		0.75	
12512-4652	1	I	D	A 62726 B 62723	8.692 9.908	0.007 0.015	9.744 0.019	8.614 0.012	10.318 0.028	9.721 0.025	192.809 175 61 192.800 679 62	-46.870 546 99 -46.865 012 11	2.56 2.15	-30.50 -34.49	-14.96 -8.91	1.94 6.06	1.62 5.02	2.08 4.70	1.99 3.74	1.37 2.75	A	313.61		28.884	0.00 +0.007
12512-6455	1	F	D	A 62725 B 62725	9.112 13.031	0.009 0.297	9.612 0.017	9.037 0.016			192.803 447 74 192.802 140 95	-64.920 705 79 -64.922 443 55	8.93 8.93	51.63 51.63	-20.57 -20.57	1.29 83.28	1.17 65.32	1.59 1.59	1.51 1.51	1.11 1.11	A	198		6.57	
12515+2714	1	F	C	A 62752 B 62752	9.780 10.650	0.009 0.020	9.908 0.023	9.382 0.028	10.453 0.057	9.876 0.060	192.865 471 08 192.866 085 59	+27.233 788 65 +27.234 025 68	3.46 3.46	-28.40 -28.40	-1.60 -1.60	2.39 8.07	2.00 7.79	2.43 2.43	2.62 2.62	1.91 1.91	A	66.5		2.14	
12517-0608	1	F	C	A 62761 B 62761	8.490 11.003	0.012 0.105	9.685 0.024	8.456 0.014	11.472 0.115	10.687 0.089	192.918 089 02 192.916 813 66	-6.133 108 29 -6.137 207 78	1.63 1.63	9.19 9.19	0.42 0.42	1.47 25.25	1.14 20.32	1.55 1.55	1.25 1.25	0.95 0.95	A	197.2		15.45	
12517-3321	1	F	C	A 62766 B 62766	8.834 11.554	0.011 0.133	9.486 0.019	8.756 0.016			192.935 029 49 192.934 953 04	-33.345 838 80 -33.346 576 95	13.16 13.16	-4.68 -4.68	-25.02 -25.02	1.55 20.52	1.46 23.53	1.81 1.81	1.65 1.65	1.18 1.18	A	184.9		2.67	
12519+1912	1	L	F	B 62783 A 62782	7.413 7.691	0.017 0.020	7.629 0.009	7.312 0.010	8.453 0.018	7.851 0.012	192.978 558 18 192.976 844 07	+19.172 175 38 +19.168 055 00	-12.61 -12.61	-83.54 -87.34	15.08 23.48	4.71 13.03	3.32 9.70	3.97 3.97	5.12 10.16	3.23 7.90	A	201.45		15.94	+0.02 -0.01
12519+2647	1	F	C	A 62779 B 62779	11.712 12.976	0.032 0.101					192.975 104 18 192.975 132 27	+26.785 633 89 +26.785 510 96	9.98 9.98	48.84 48.84	62.33 62.33	6.12 39.07	7.83 27.54	5.69 5.69	4.57 4.57	6.09 6.09	A	168		0.45	
12524+5017	1	F	C	A 62818 B 62818	9.071 10.366	0.031 0.101					193.088 338 93 193.088 385 48	+50.281 739 82 +50.281 801 00	3.23 3.23	7.46 7.46	-8.01 -8.01	2.80 9.45	3.62 9.53	1.16 1.16	1.09 1.09	0.90 0.90	A	26		0.24	
12527-5216	1	F	F	B 62842 A 62842	10.973 11.211	0.018 0.023	11.321 0.063	10.902 0.072	11.472 0.078	10.881 0.073	193.185 382 74 193.182 311 39	-52.269 302 21 -52.269 056 70	4.15 4.15	6.29 6.29	-2.60 -2.60	7.59 17.23	4.55 9.25	8.84 8.84	8.70 8.70	5.23 5.23	B	277.4		6.82	
12528-3919	1	F	C	A 62845 B 62845	8.477 9.570	0.030 0.082					193.195 602 76 193.195 517 91	-39.312 149 21 -39.312 116 15	3.25 3.25	1.12 1.12	-22.07 -22.07	3.65 8.58	2.48 6.37	1.25 1.25	1.27 1.27	0.89 0.89	A	297		0.26	
12530+1502	1	L	C	A 62852 B 62852	8.707 8.858	0.006 0.007	9.073 0.020	8.586 0.019	9.191 0.023	8.696 0.022	193.242 372 40 193.242 173 70	+15.031 437 03 +15.029 876 74	6.77 6.77	-21.95 -26.26	33.52 28.24	2.18 5.01	1.75 3.26	1.87 1.87	2.16 3.82	1.56 2.30	A	187.01		5.659	+0.04 +0.006
12531-1318	1	F	C	A 62868 B 62868	9.495 11.321	0.030 0.159					193.280 173 34 193.280 260 51	-13.307 375 11 -13.307 432 22	-1.51 -1.51	8.82 8.82	1.87 1.87	5.04 27.00	3.62 16.35	3.21 3.21	2.75 2.75	1.77 1.77	A	124		0.37	
12533+1310	1	F	N	B 62888 A 62888	9.907 9.916	0.011 0.012					193.328 257 74 193.328 063 94	+13.165 421 51 +13.165 686 46	6.74 6.74	-1.55 -1.55	-28.04 -28.04	5.58 3.06	3.34 1.98	1.90 1.90	2.50 2.50	1.36 1.36	B	324.5		1.17	
12533+2115	1	L	C	A 62886 B 62886	5.216 7.179	0.003 0.018					193.324 045 13 193.324 067 52	+21.245 020 58 +21.244 729 02	10.06 10.06	-42.48 -64.71	-32.00 -32.42	1.01 6.20	0.81 6.12	1.10 1.10	1.20 4.28	0.73 3.42	A	175.9		1.052 +1.2	-0.001
12535-4753	1	F	C	A 62903 B 62903	9.548 11.828	0.009 0.069	10.195 0.026	9.486 0.022			193.382 793 22 193.382 794 51	-47.888 407 05 -47.888 877 70	13.54 13.54	23.22 23.22	-18.33 -18.33	1.93 24.66	1.72 14.11	2.40 2.40	1.78 1.78	1.39 1.39	A	180		1.69	



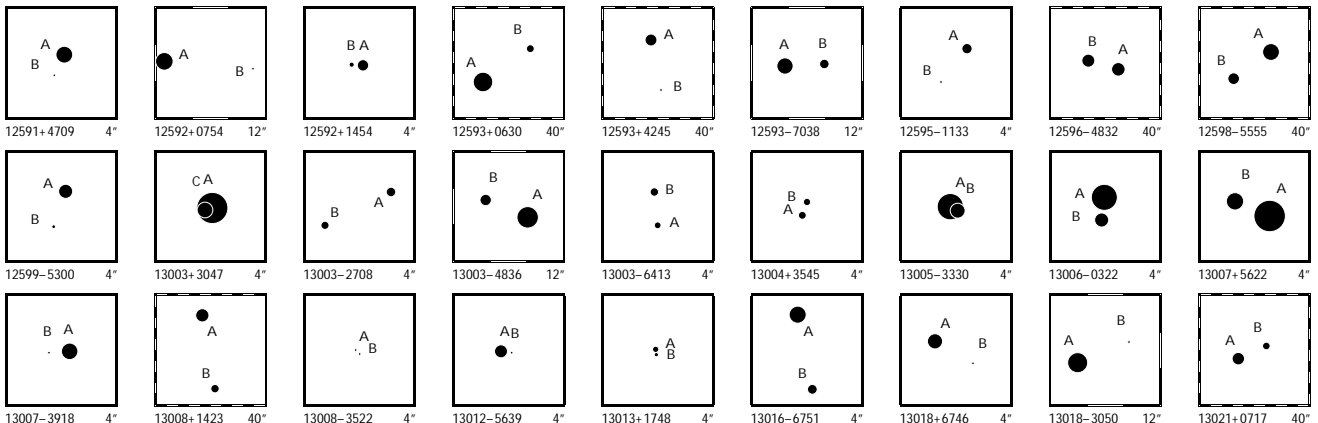
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12536+3759	1	I CA	A 62910 B 62909	9.307 0.009 11.126 0.041	9.798 0.019 11.714 0.084	9.224 0.017 10.816 0.061		193.396 933 94 +37.972 460 38 193.395 548 36 +37.976 309 62	5.02 -13.65	54.79 -26.37 44.79 -24.50	2.98 2.22 2.69 2.90 2.04 20.80 15.82 15.39 15.56 11.80	A 344.2 14.40 0.0 0.00														
12536-6021	1	F CA	A 62913 B 62913	6.974 0.016 8.506 0.057	7.037 0.009	6.842 0.009		193.406 770 76 -60.357 059 78 193.413 238 65 -60.353 568 25	-1.82 -1.82	-6.48 -0.57 -6.48 -0.57	1.07 1.08 1.53 1.29 1.04 11.79 12.43 1.53 1.29 1.04	A 42.50 17.05														
12537+7144	1	F CC	A 62926 B 62926	9.219 0.065 12.018 0.856				193.428 876 36 +71.730 670 42 193.428 825 09 +71.730 609 22	3.95 3.95	-18.85 -9.79 -18.85 -9.79	4.09 8.98 1.25 1.22 1.38 59.62 73.64 1.25 1.22 1.38	A 195 0.23														
12537-5739	1	L CA	A 62923 B 62923	8.553 0.006 9.403 0.013	8.833 0.012 9.646 0.040	8.342 0.013 9.073 0.030		193.427 116 62 -57.656 604 37 193.426 299 52 -57.656 602 68	15.34 15.34	-45.01 79.26 -53.77 74.09	1.18 1.11 1.56 1.21 0.95 3.78 3.43 1.56 3.00 3.02	A 270.2 1.574 -0.2 +0.009														
12539-2919	1	F CA	A 62939 B 62939	7.981 0.003 10.003 0.020	9.013 0.015 10.119 0.034	7.934 0.009 9.544 0.030		193.471 918 14 -29.308 197 01 193.472 434 79 -29.307 519 96	2.13 2.13	-7.40 21.23 -7.40 21.23	1.07 0.87 1.15 1.11 0.70 8.54 5.16 1.15 1.11 0.70	A 33.6 2.93														
12539-5217	1	F CA	A 62946 B 62946	8.795 0.005 9.785 0.012	8.987 0.014 9.861 0.024	8.616 0.013 9.384 0.024		193.485 854 33 -52.276 473 96 193.484 927 67 -52.276 663 26	6.04 6.04	14.10 -4.80 14.10 -4.80	1.35 1.04 1.85 1.50 0.98 4.30 3.23 1.85 1.50 0.98	A 251.5 2.152														
12540-1802	1	I ND	A 62954 B 62951	7.131 0.043 8.899 0.165	7.313 0.010 8.933 0.031	7.057 0.011 8.403 0.030		193.501 280 11 -18.037 627 45 193.494 714 35 -18.035 000 59	3.44 48.07	-35.62 2.56 -101.17 97.40	3.16 2.45 2.88 3.13 1.89 46.82 29.79 26.65 28.74 13.72	A 292.82 24.38 +0.15 +0.10														
12541-6310	1	F CA	A 62959 B 62959	8.979 0.008 10.224 0.025				193.529 379 22 -63.166 266 95 193.529 942 45 -63.166 396 43	1.93 1.93	-21.00 -5.19 -21.00 -5.19	1.50 1.45 2.01 1.37 1.31 6.14 5.45 2.01 1.37 1.31	A 117.0 1.03														
12542+1119	1	F CA	A 62974 B 62974	9.499 0.027 11.689 0.203				193.556 508 71 +11.312 105 26 193.556 495 25 +11.312 184 98	6.51 6.51	44.85 7.50 44.85 7.50	3.94 5.26 1.82 1.87 1.28 37.01 24.65 1.82 1.87 1.28	A 351 0.29														
12542-2924	1	F CA	A 62969 B 62969	8.640 0.013 10.397 0.063				193.552 940 66 -29.404 168 10 193.552 901 05 -29.404 088 69	3.36 3.36	-18.79 0.20 -18.79 0.20	2.84 2.33 1.41 1.35 0.86 15.67 8.80 1.41 1.35 0.86	A 337 0.31														
12543+8231	1	F CC	A 62971 B 62971	7.305 0.005 11.145 0.159	8.553 0.009 11.510 0.102	7.235 0.006 10.586 0.066		193.554 934 53 +82.517 728 38 193.575 863 14 +82.518 689 11	6.10 6.10	34.12 -4.56 34.12 -4.56	0.83 0.81 0.86 0.95 0.82 34.20 49.84 0.86 0.95 0.82	A 70.6 10.40														
12543-2758	1	F CA	A 62978 B 62978	7.710 0.004 9.196 0.016	8.174 0.014 9.712 0.048	7.598 0.013 8.947 0.040		193.566 491 20 -27.959 423 17 193.568 337 83 -27.959 157 21	12.72 12.72	1.83 -39.31 1.83 -39.31	1.37 1.00 1.34 1.38 0.85 7.00 4.56 1.34 1.38 0.85	A 80.7 5.95														
12543-7002	1	F CA	A 62981 B 62981	7.105 0.011 10.118 0.178				193.574 497 09 -70.036 782 67 193.574 245 61 -70.036 803 79	3.45 3.45	4.92 0.90 4.92 0.90	2.03 1.22 0.86 0.85 0.74 17.54 19.52 0.86 0.85 0.74	A 256 0.32														
12549-6550	1	F CA	A 63021 B 63021	9.638 0.008 9.797 0.009	10.048 0.028	9.212 0.020		193.722 152 51 -65.829 032 75 193.721 232 51 -65.829 165 75	6.71 6.71	28.26 -45.54 28.26 -45.54	1.81 1.94 2.15 2.01 2.22 4.12 3.75 2.15 2.01 2.22	A 250.6 1.44														
12550-8507	1	L CA	A 63031 B 63031	6.010 0.003 6.892 0.006				193.743 115 70 -85.123 422 37 193.741 186 78 -85.123 524 74	8.79 8.79	67.47 22.11 65.42 24.41	0.68 0.71 0.69 0.60 0.77 1.99 2.02 0.69 1.08 1.21	A 238.0 0.696 +0.2 +0.001														
12551+5810	1	I NB	A 63034 B 63028	8.676 0.025 9.878 0.065	8.967 0.012 10.337 0.030	8.562 0.012 9.757 0.030		193.748 326 94 +58.160 441 91 193.738 520 99 +58.160 904 25	9.45 5.52	-7.84 -49.72 5.46 -60.13	2.46 2.52 2.49 2.74 2.49 17.66 17.94 12.04 13.31 11.94	A 275.11 18.70 -0.03 -0.01														
12554+6953	1	L CA	A 63071 B 63071	9.726 0.058 9.884 0.067				193.843 747 85 +69.887 472 14 193.843 921 42 +69.887 476 33	12.66 12.66	-7.67 -30.70 -25.37 -18.48	6.44 3.73 0.99 1.74 2.64 7.23 5.80 0.99 2.18 3.44	A 86 0.215 -4 -0.017														
12555+1130	1	F FD	A 63081 B 63079	6.936 0.062 9.466 0.460	8.845 0.014 9.890 0.028	7.127 0.007 9.423 0.028		193.876 407 99 +11.495 881 07 193.871 011 98 +11.489 913 38	7.97 7.97	-70.38 17.23 -70.38 17.23	68.16 49.37 6.16 7.49 4.35 7.87 5.28 6.16 7.49 4.35	A 221.5 28.70														
12555+5937	1	F ND	A 63078 B 63078	8.933 0.007 12.747 0.214				193.870 168 76 +59.622 466 27 193.870 343 99 +59.623 734 10	7.06 7.06	-22.84 25.56 -22.84 25.56	1.16 1.16 1.34 1.17 1.13 54.28 54.90 1.34 1.17 1.13	A 4 4.58														
12556+5706	1	F CA	A 63091 B 63091	9.590 0.006 10.872 0.018				193.904 223 73 +57.106 757 09 193.904 311 14 +57.106 589 30	14.76 14.76	114.94 -30.79 114.94 -30.79	1.31 1.49 1.58 1.43 1.51 6.08 5.24 1.58 1.43 1.51	A 164 0.628														
12556-6900	1	F CA	A 63085 B 63085	7.627 0.003 10.884 0.054				193.889 067 14 -68.997 563 74 193.888 619 97 -68.997 538 59	5.81 5.81	-14.45 -10.82 -14.45 -10.82	0.81 0.83 0.93 0.77 0.89 16.53 23.13 0.93 0.77 0.89	A 279 0.58														
12559-5306	1	F CB	A 63111 B 63111	8.345 0.007 12.037 0.193	8.609 0.008	8.299 0.009		193.976 796 19 -53.105 364 32 193.977 760 42 -53.105 836 62	8.93 8.93	-64.92 13.74 -64.92 13.74	1.01 0.95 1.45 1.01 0.88 38.29 40.16 1.45 1.01 0.88	A 129 2.69														
12559-6237	1	F CB	A 63112 B 63112	10.100 0.026 11.915 0.139	10.609 0.032	9.976 0.030		193.977 745 88 -62.618 971 13 193.976 968 99 -62.619 029 09	4.54 4.54	5.69 -25.18 5.69 -25.18	3.24 3.38 4.29 3.36 3.08 33.56 32.56 4.29 3.36 3.08	A 261 1.30														
12560+3819	1	I CA	A 63125 B 63121	2.847 0.010 6.195 0.177	2.810 0.003 5.861 0.007	2.874 0.004 5.517 0.007		194.007 670 51 +38.318 246 17 194.002 515 87 +38.314 697 71	29.60 39.95	-233.43 54.98 -203.89 88.34	1.07 0.83 1.04 1.01 0.78 52.26 49.20 23.72 22.81 16.24	A 228.74 19.37 +0.02 -0.04														
12562-5728	1	F CA	A 63136 B 63136	10.075 0.009 10.320 0.011	10.264 0.038 10.397 0.052	9.597 0.029 9.676 0.046		194.047 369 75 -57.470 445 69 194.048 387 73 -57.470 427 89	18.59 18.59	-163.95 10.60 -163.95 10.60	4.15 3.27 4.85 4.97 3.33 8.43 6.95 4.85 4.97 3.33	A 88.1 1.97														
12563+5405	1	L CA	A 63143 B 63143	6.076 0.003 7.989 0.015	6.218 0.005 8.190 0.012	6.007 0.007 7.754 0.015		194.073 508 69 +54.099 483 06 194.071 760 11 +54.099 690 60	12.74 12.74	-78.10 2.54 -86.55 3.28	0.61 0.61 0.68 0.62 0.56 5.14 4.33 0.68 2.74 2.46	A 281.44 3.766 -0.01 +0.008														
12563-0452	1	F CA	A 63139 B 63139	7.212 0.004 9.179 0.021	7.207 0.008 9.209 0.022	7.162 0.010 8.951 0.026		194.062 668 28 -4.864 027 99 194.063 523 33 -4.865 415 29	5.87 5.87	-53.26 1.53 -53.26 1.53	1.08 0.80 1.12 0.90 0.66 6.50 5.21 1.12 0.90 0.66	A 148.4 5.86														



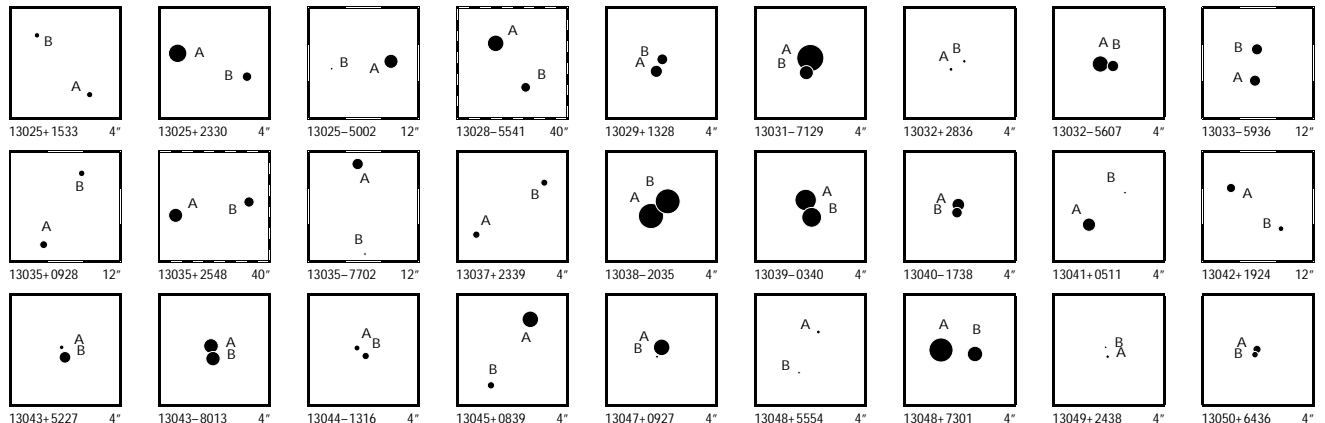
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
12564-0057	1	L CA	A 63155 B 63155	7.513 7.558	0.004 0.004						194.110 614 66 194.110 889 60	-0.954 380 10 -0.954 412 97	13.59 13.59	22.63 25.08	-87.56 -91.32	2.08 3.07	1.98 2.74	1.93 1.93	1.73 2.08	1.37 1.66	A	96.8	0.997	+0.2	+0.003	
12565-6120	1	F CA	A 63167 B 63167 C 63167	9.923 11.122	0.144 0.436						194.137 588 62 194.137 532 91	-61.335 257 07 -61.335 209 76	3.12 3.12	-12.49 -12.49	-8.02 -8.02	11.59 28.11	10.62 39.88	1.60 1.60	1.15 1.15	1.17 1.17	A	331	0.20			
12566+2101	1	F CB	A 63168 B 63168	9.579 12.666	0.009 0.144	10.248	0.031	9.476	0.026		194.138 518 06 194.139 123 90	+21.012 457 56 +21.012 347 34	12.74 12.74	42.11 42.11	-171.28 -171.28	1.98 50.07	1.67 42.59	2.24 2.24	2.70 2.70	1.69 1.69	A	101	2.07			
12567+0701	1	F CA	A 63183 B 63183	9.938 10.550	0.012 0.020	10.447	0.054	9.872	0.051	10.803	0.069	10.472	0.084	10.27 10.27	3.15 3.15	-34.75 -34.75	3.60 9.66	2.39 7.66	3.37 3.37	2.94 2.94	1.83 1.83	A	332.0	8.59		
12567+4537	1	I CA	A 63191 B 63190	8.605 9.655	0.007 0.016	8.916	0.009	8.513	0.009	10.024	0.017	9.484	0.018	1.71 2.36	-32.72 -23.66	-23.08 -18.73	1.88 7.21	1.79 6.98	2.34 4.61	2.10 5.40	1.89 4.93	A	352.77	12.979	+0.04	+0.003
12567-4741	1	L CA	A 63182 B 63182	7.519 7.687	0.004 0.005						194.165 059 73 194.164 817 52	-47.686 231 96 -47.686 384 57	12.45 12.45	-55.21 -63.07	-7.31 -3.31	2.36 2.83	2.08 2.69	2.52 2.52	1.99 2.49	1.63 2.16	A	226.9	0.804	+0.6	+0.003	
12570-5435	1	F CA	A 63204 B 63204	6.524 9.863	0.010 0.223						194.242 733 67 194.242 662 36	-54.587 310 36 -54.587 383 34	9.91 9.91	-33.73 -33.73	-15.37 -15.37	1.58 29.51	2.00 23.75	0.86 0.86	0.69 0.69	0.56 0.56	A	210	0.30			
12572+0818	1	L CA	A 63221 B 63221	7.504 7.884	0.078 0.111						194.306 726 80 194.306 746 49	+8.293 777 53 +8.293 727 76	9.66 9.66	-91.87 -93.65	14.61 5.50	7.71 10.42	7.71 8.78	0.92 0.92	3.13 4.38	1.12 1.42	A	159	0.192	+1	+0.008	
12574+3022	1	F CA	A 63231 B 63231	9.420 9.538	0.012 0.013	9.755	0.026	9.304	0.026	9.911	0.035	9.445	0.035	2.96 2.96	-20.32 -20.32	-5.77 -5.77	2.66 5.16	2.40 6.14	2.78 2.78	3.06 3.06	2.05 2.05	A	203.5	3.63		
12574-4838	1	F CA	A 63229 B 63229	8.504 10.394	0.004 0.023	8.968	0.010	8.409	0.009	10.925	0.081	10.024	0.059	12.57 12.57	19.92 19.92	-0.93 -0.93	1.23 9.77	1.07 5.37	1.55 1.55	1.17 1.17	0.87 0.87	A	133.0	4.72		
12574-6713	1	F CA	A 63228 B 63228	8.935 9.978	0.171 0.446						194.339 300 27 194.339 227 35	-67.212 678 47 -67.212 713 43	2.74 2.74	-21.97 -21.97	-8.89 -8.89	8.03 22.61	10.82 25.79	0.92 0.92	0.75 0.75	0.83 0.83	A	219	0.16			
12575+2457	1	F CA	A 63237 B 63237	8.956 10.288	0.005 0.017						194.366 637 46 194.366 813 27	+24.951 632 04 +24.951 709 39	3.33 3.33	-31.12 -31.12	-14.75 -14.75	1.99 6.86	1.50 7.61	2.11 2.11	2.28 2.28	1.48 1.48	A	64	0.64			
12575-0946	1	F ND	A 63240 B 63240	7.387 10.705	0.005 0.108	7.815	0.013	7.308	0.008			194.368 909 05 194.368 447 88	-9.761 033 13 -9.760 910 27	11.23 11.23	45.40 45.40	-104.68 -104.68	1.06 24.18	0.98 18.02	1.14 1.14	1.01 1.01	0.85 0.85	A	285	1.69		
12576-4856	1	F CB	A 63244 B 63244	9.182 12.003	0.019 0.252	10.818	0.035	9.138	0.014			194.389 106 13 194.390 319 21	-48.936 777 06 -48.937 108 41	2.61 2.61	-10.43 -10.43	-1.09 -1.09	3.93 60.53	3.12 51.74	4.68 4.68	3.51 3.51	2.54 2.54	A	113	3.11		
12577+3514	1	F ND	A 63253 B 63253	10.682 13.215	0.035 0.329	12.549	0.184	10.694	0.058			194.418 536 29 194.414 635 19	+35.225 419 82 +35.222 325 73	55.27 55.27	-263.66 -263.66	-176.40 -176.40	2.98 95.79	2.32 71.86	3.15 3.15	3.12 3.12	2.32 2.32	A	225.8	15.99		
12577-6053	1	F CB	A 63258 B 63258	9.031 11.052	0.097 0.622						194.437 223 53 194.437 341 38	-60.887 665 88 -60.887 649 27	0.29 0.29	-4.06 -4.06	-0.14 -0.14	9.81 62.60	6.73 37.12	1.93 1.93	1.51 1.51	1.34 1.34	A	74	0.21			
12578-1308	1	F CA	A 63263 B 63263	9.117 9.386	0.010 0.013	9.466	0.034	8.883	0.030	9.705	0.029	9.143	0.033	9.80 9.80	-65.92 -65.92	-2.69 -2.69	2.45 4.36	1.72 3.92	2.29 2.29	1.95 1.95	1.36 1.36	A	68.8	2.124		
12583-4446	1	F CC	A 63294 B 63294	9.244 13.426	0.008 0.362	11.225	0.048	9.292	0.015			194.573 076 13 194.573 092 04	-44.767 239 05 -44.767 741 68	1.00 1.00	-23.77 -23.77	-8.07 -8.07	1.47 91.78	1.39 71.85	2.01 2.01	1.66 1.66	1.08 1.08	A	179	1.81		
12583-6101	1	F CA	A 63299 B 63299	10.704 10.916	0.236 0.287						194.580 188 26 194.580 282 79	-61.017 282 33 -61.017 304 43	-1.10 -1.10	-6.48 -6.48	-2.38 -2.38	15.35 27.68	15.38 17.79	1.69 1.69	1.27 1.27	1.09 1.09	A	116	0.18			
12584+4033	1	F CB	A 63303 B 63303	12.251 13.696	0.025 0.092						194.589 517 65 194.589 640 58	+40.556 725 21 +40.556 842 79	18.60 18.60	218.00 218.00	-142.20 -142.20	3.81 22.53	5.20 32.55	6.36 6.36	3.56 3.56	4.56 4.56	A	38	0.54			
12584-4722	1	F CA	A 63301 B 63301	11.047 11.114	0.011 0.012						194.587 699 69 194.587 903 67	-47.359 373 09 -47.359 486 50	-1.92 -1.92	-14.53 -14.53	-6.87 -6.87	6.71 7.56	5.55 8.87	5.64 5.64	5.73 5.73	4.06 4.06	B	129	0.64			
12584-5131	1	F CA	A 63307 B 63307	7.773 9.861	0.004 0.028						194.608 640 58 194.609 089 22	-51.509 185 25 -51.509 222 84	3.81 3.81	-49.28 -49.28	1.30 1.30	0.78 6.49	0.86 5.83	1.22 1.22	0.90 0.90	0.76 0.76	A	97.7	1.01			
12586+4951	1	L CA	A 63324 B 63324	10.950 11.181	0.010 0.013						194.648 627 62 194.648 313 91	+49.847 637 84 +49.847 526 91	13.18 13.18	-94.57 -103.60	10.01 -0.27	4.91 6.27	4.02 5.00	4.11 4.11	3.97 6.40	2.76 4.91	B	241.3	0.83	-0.3	+0.01	
12587+2707	1	F CA	A 63334 B 63334	8.988 10.606	0.007 0.027	9.971	0.024	8.887	0.016	11.019	0.067	10.467	0.065	1.88 1.88	-1.58 -1.58	4.95 4.95	1.46 9.06	1.40 6.98	1.62 1.62	1.42 1.42	1.20 1.20	A	83.6	7.38		
12587+2728	1	F CA	A 63333 B 63333	8.836 8.853	0.006 0.006	9.308	0.021	8.609	0.021	9.304	0.029	8.614	0.026	12.42 12.42	-125.42 -125.42	-105.24 -105.24	2.36 3.30	2.13 2.76	2.20 2.20	2.33 2.33	1.57 1.57	B	187.7	1.671		
12588-0332	1	F CB	A 63348 B 63348	9.059 12.542	0.008 0.197	9.473	0.019	9.036	0.020			194.708 877 42 194.709 143 48	-3.532 886 24 -3.532 493 14	6.38 6.38	-3.99 -3.99	-24.81 -24.81	1.83 65.66	1.52 45.13	1.84 1.84	1.68 1.68	1.31 1.31	A	34	1.71		
12590-4006	1	F NB	A 63358 B 63358	8.553 10.372	0.027 0.117	9.771	0.015	8.484	0.009	10.651	0.042	9.806	0.032	5.06 5.06	15.10 15.10	-20.46 -20.46	1.26 29.65	1.26 19.96	1.78 1.78	1.37 1.37	0.99 0.99	A	83.6	20.48		



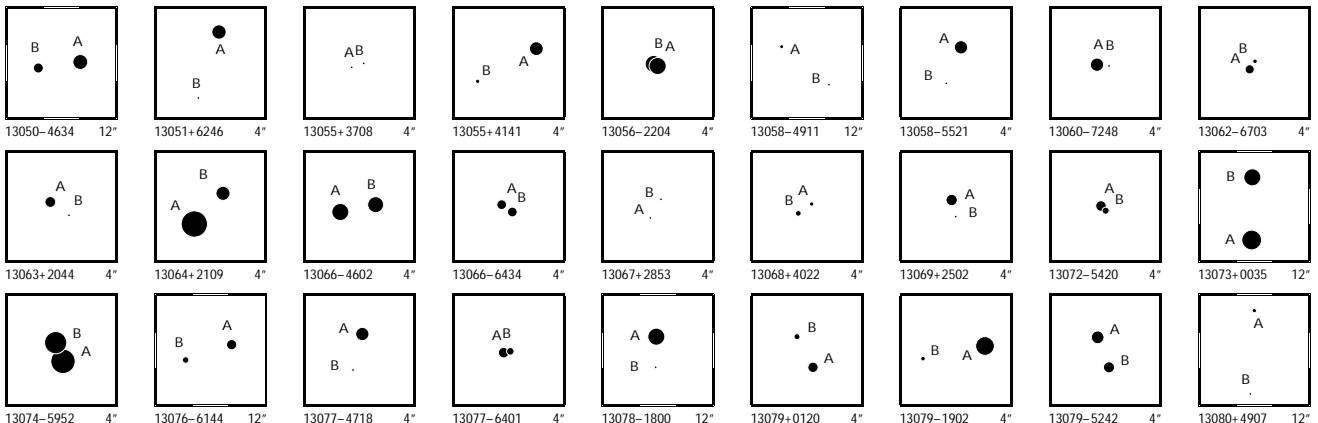
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12591+4709	1	F CA	P	A 63368 B 63368	8.282 0.006 11.574 0.109							194.766 061 22 +47.151 409 01 194.766 208 27 +47.151 205 60	5.24 5.24	-59.87 7.27 -59.87 7.27		0.87 0.83 1.16 1.05 0.84 20.17 20.56 1.16 1.05 0.84					A 154	0.82				
12592+0754	1	L CA		A 63376 B 63376	8.104 0.007 11.384 0.135	9.368 0.020	8.052 0.012					194.788 474 21 +7.900 750 06 194.785 694 89 +7.900 546 52	5.56 5.56	-62.97 3.21 -52.55		1.58 1.23 1.58 1.27 0.89 50.13 26.63 1.58 29.35 13.86					A 265.8	9.94	-0.4	-0.07		
12592+1454	1	F CA		A 63378 B 63378	9.494 0.015 10.849 0.051							194.792 909 55 +14.898 763 75 194.793 026 45 +14.898 764 27	7.88 7.88	34.51 -174.94 34.51 -174.94		2.93 1.86 2.01 1.87 1.27 9.50 8.01 2.01 1.87 1.27					A 90	0.41				
12593+0630	1	IND	D	A 63386 B 63383	7.686 0.026 10.281 0.228	8.633 0.019	7.621 0.014	10.781 0.068	10.231 0.068			194.834 062 73 +6.505 902 91 194.829 173 37 +6.509 377 54	11.32 45.19	-24.49 -17.53 -41.78 -6.17		2.24 1.41 1.83 1.91 1.16 78.77 48.37 44.19 48.26 27.44					A 305.6	21.50	0.0	+0.02		
12593+4245	1	F CA		A 63381 B 63380	9.361 0.024 11.806 0.174	11.517 0.065	9.439 0.019					194.819 239 53 +42.746 294 57 194.817 971 95 +42.741 104 13	0.32 0.32	1.96 -34.72 1.96 -34.72		2.11 2.42 2.76 2.24 2.10 61.59 57.45 2.76 2.24 2.10					A 190.2	18.98				
12593-7038	1	F CA		A 63387 B 63387	8.380 0.005 9.895 0.019	8.954 0.015	8.278 0.013					194.835 998 74 -70.632 687 33 194.832 354 62 -70.632 606 03	11.22 11.22	-212.40 63.50 -212.40 63.50		1.03 1.02 1.21 1.16 1.14 4.65 5.39 1.21 1.16 1.14					A 273.8	4.360				
12595-1133	1	F CA		A 63400 B 63400	9.712 0.020 11.685 0.121	10.729 0.056	9.591 0.033					194.878 289 40 -11.548 835 09 194.878 562 18 -11.549 174 90	4.42 4.42	-39.01 4.01 -39.01 4.01		3.30 2.91 2.92 3.11 2.01 26.79 17.48 2.92 3.11 2.01					A 142	1.56				
12596-4832	1	INB		A 63409 B 63403	9.016 0.021 9.090 0.022	9.323 0.017	8.847 0.016	9.280 0.015	8.826 0.016			194.886 737 30 -48.526 189 99 194.891 329 48 -48.525 317 91	13.52 12.99	24.09 -14.04 23.91 -11.46		4.31 4.04 4.62 3.99 3.16 8.10 5.91 5.59 4.95 3.75					A 74.00	11.39	-0.01	0.00		
12598-5555	1	I CA		A 63422 B 63424	8.285 0.017 9.404 0.037	8.239 0.010	8.211 0.013	9.028 0.015	8.915 0.018			194.951 329 24 -55.912 295 24 194.958 067 61 -55.915 014 30	13.54 14.15	-8.42 -4.91 -7.39 -2.14		2.01 2.43 3.02 2.37 2.58 8.88 9.37 7.02 6.75 6.95					A 125.76	16.75	-0.01	0.00		
12599-5300	1	F CA		A 63430 B 63430	8.886 0.009 11.159 0.071	9.855 0.016	8.783 0.011					194.976 320 50 -53.001 228 44 194.976 529 09 -53.001 588 96	3.19 3.19	-9.91 -4.34 -9.91 -4.34		1.34 1.29 1.85 1.31 1.08 12.88 17.00 1.85 1.31 1.08					A 161	1.37				
13003+3047	1	F CB		A 63462 B 63462	5.089 0.010 8.548 0.247							195.068 685 81 +30.785 037 47 195.068 776 54 +30.785 019 70	3.63 3.63	-21.59 -6.38 -21.59 -6.38		1.78 3.52 1.29 1.44 0.97 47.04 123.20 1.29 1.44 0.97					A 103	0.29				
13003-2708	1	F CA		A 63469 B 63469	9.916 0.011 10.181 0.013	10.156 0.039	9.467 0.031	10.308 0.049	9.584 0.032			195.082 008 19 -27.127 503 60 195.082 767 69 -27.127 844 57	12.53 12.53	-44.74 -21.46 -44.74 -21.46		4.05 2.62 4.34 4.46 1.88 5.76 4.46 4.34 4.46 1.88					A 116.8	2.73				
13003-4836	1	F CA		A 63464 B 63464	7.248 0.004 9.490 0.033	8.402 0.009	7.164 0.006	9.806 0.025	9.198 0.023			195.070 160 99 -48.603 702 07 195.072 130 26 -48.603 170 05	5.70 5.70	43.77 -3.37 43.77 -3.37		0.97 0.88 1.25 0.90 0.69 9.84 5.41 1.25 0.90 0.69					A 67.8	5.06				
13003-6413	1	F CA		A 63470 B 63470	10.168 0.011 10.470 0.015	10.133 0.024	9.564 0.027	10.447 0.101	9.624 0.059			195.084 799 21 -64.222 511 63 195.084 727 13 -64.222 857 89	-0.01 -0.01	-16.19 -2.22 -16.19 -2.22		3.34 4.33 3.44 2.63 2.40 5.77 7.20 3.44 2.63 2.40					B 185.2	1.25				
13004+3545	1	F CA		A 63481 B 63481	10.274 0.009 10.373 0.010							195.109 085 88 +35.755 749 43 195.109 031 56 +35.755 891 63	4.05 4.05	14.33 -54.42 14.33 -54.42		3.01 4.46 3.64 2.30 3.81 6.32 5.58 3.64 2.30 3.81					A 343	0.536				
13005-3330	1	L CA		A 63490 B 63490	6.202 0.009 8.708 0.086							195.136 287 63 -33.505 092 49 195.136 192 39 -33.505 134 92	24.98 24.98	-74.19 -71.81 -78.38 -84.47		1.94 1.35 0.94 0.80 0.58 11.95 12.01 0.94 4.81 4.98					A 242	0.324	-2	+0.010		
13006-0322	1	F CA		A 63494 B 63494	6.243 0.002 8.875 0.024							195.149 827 14 -3.368 607 90 195.149 852 22 -3.368 839 63	9.47 9.47	-19.39 49.42 -19.39 49.42		0.89 0.74 0.94 0.86 0.77 8.80 7.40 0.94 0.86 0.77					A 174	0.84				
13007+5622	1	L CA		A 63503 B 63503	5.067 0.003 8.164 0.044	5.375 0.003	4.983 0.003					195.181 607 31 +56.366 331 34 195.182 249 49 +56.366 486 58	40.06 40.06	108.36 2.67 120.52 -30.88		0.53 0.56 0.60 0.50 0.51 15.03 11.34 0.60 10.41 6.37					A 66.4	1.40	+1.5	0.00		
13007-3918	1	F CA		A 63505 B 63505	8.365 0.005 11.639 0.088							195.185 364 54 -39.295 143 69 195.185 628 90 -39.295 157 61	8.32 8.32	-80.52 -23.49 -80.52 -23.49		0.99 0.89 1.38 1.02 0.67 17.23 15.57 1.38 1.02 0.67					A 94	0.74				
13008+1423	1	IND	D	A 63509 B 63507	9.081 0.018 10.168 0.038	9.692 0.031	8.975 0.026	10.873 0.081	9.888 0.051			195.193 585 46 +14.377 446 53 195.192 224 06 +14.369 947 20	14.68 2.17	2.00 -74.89 -0.42 -66.24		3.57 2.50 2.79 3.73 2.09 14.18 14.00 7.13 10.28 9.56					A 189.97	27.41	+0.01	-0.01		
13008-3522	1	F CC		A 63512 B 63512	11.786 0.873 12.672 1.975							195.208 494 76 -35.371 647 78 195.208 457 17 -35.371 686 26	33.18 33.18	-115.32 6.41 -115.32 6.41		29.88 36.30 2.32 2.16 1.17 155.39 174.33 2.32 2.16 1.17					A 219	0.18				
13012-5639	1	F CA		A 63540 B 63540	9.094 0.010 11.635 0.100							195.308 185 65 -56.658 029 50 195.307 973 32 -56.658 047 31	4.74 4.74	-12.72 -4.80 -12.72 -4.80		1.97 1.80 1.83 1.47 1.31 17.90 24.10 1.83 1.47 1.31					A 261	0.42				
13013+1748	1	F CA		A 63542 B 63542	10.592 0.109 11.033 0.164							195.316 128 83 +17.794 768 43 195.316 122 88 +17.794 712 15	3.66 3.66	11.82 -21.01 11.82 -21.01		5.61 10.65 2.05 1.99 1.33 12.26 16.75 2.05 1.99 1.33					A 186	0.20				
13016-6751	1	F CA		A 63567 B 63567	8.196 0.005 9.866 0.024	8.270 0.010	8.149 0.009	9.873 0.027	9.460 0.031			195.397 683 36 -67.856 428 35 195.397 300 67 -67.857 191 64	5.28 5.28	-40.75 -9.30 -40.75 -9.30		0.93 1.00 1.15 1.10 1.15 5.18 6.16 1.15 1.10 1.15					A 190.7	2.80				
13018+6746	1	F CB		A 63587 B 63587	8.618 0.007 11.849 0.145	9.032 0.012	8.531 0.012					195.457 210 15 +67.760 784 34 195.456 183 93 +67.760 569 61	8.19 8.19	-67.26 66.98 -67.26 66.98		1.45 1.40 1.57 1.45 1.50 46.37 47.40 1.57 1.45 1.50					A 241	1.60				
13018-3050	1	F CC		A 63585 B 63585	7.557 0.003 11.392 0.107	9.311 0.015	7.558 0.007					195.449 848 52 -30.832 654 21 195.447 997 07 -30.832 023 31	3.66 3.66	-37.40 -4.18 -37.40 -4.18		1.27 0.81 1.29 1.41 0.74 58.47 23.67 1.29 1.41 0.74					A 291.6	6.16				
13021+0717	1	I CA		A 63607 B 63605	9.259 0.010 10.343 0.024	9.659 0.022	9.130 0.021	10.917 0.076	10.291 0.075			195.533 084 04 +7.279 663 54 195.530 163 19 +7.280 972 56	7.89 8.44	-125.25 17.87 -121.71 21.84		3.92 3.02 3.12 4.02 2.57 12.30 8.73 7.41 9.82 6.03					A 294.31	11.45	+0.03	0.00		



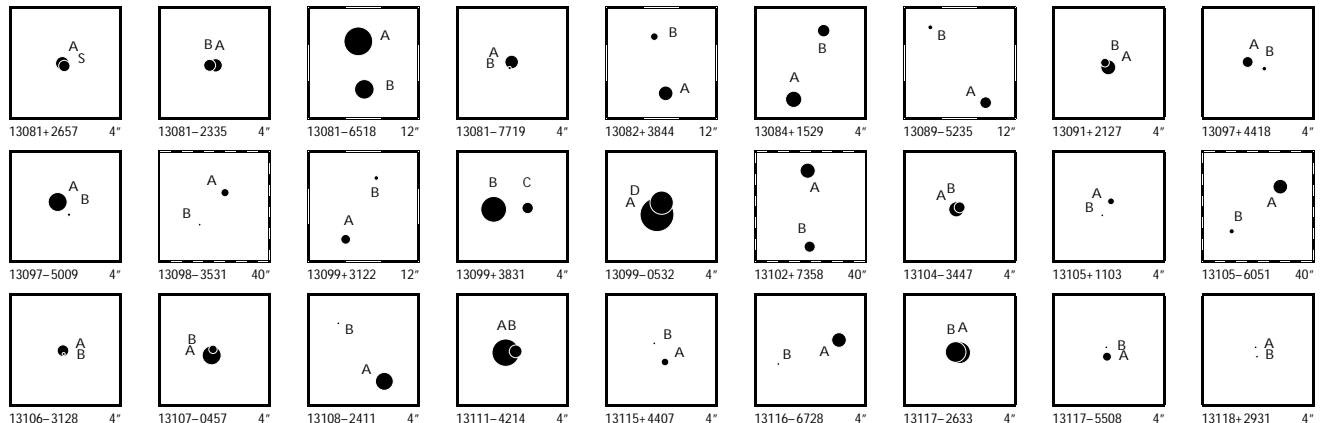
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13025+1533	1	F CA	A 63633 B 63633	10.602 0.015 10.815 0.018	10.422 0.072 10.484 0.090	9.896 0.068 9.908 0.061		195.627 498 58 +15.546 104 53 195.628 066 86 +15.546 713 41	8.25 8.25	-41.23 -21.09 -41.23 -21.09	3.44 2.84 3.46 3.07 2.23 7.34 6.43 3.46 3.07 2.23	A 42.0 2.95															
13025+2330	1	F CA	A 63632 B 63632	7.902 0.006 9.923 0.035	8.306 0.010 9.952 0.037	7.871 0.008 9.439 0.033		195.627 663 09 +23.499 329 34 195.626 895 10 +20.349 091 45	5.93 5.93	-36.00 31.09 -36.00 31.09	1.22 1.10 1.38 1.39 1.02 10.34 8.11 1.38 1.39 1.02	A 251.3 2.68															
13025-5002	1	F CB	A 63631 B 63631	8.860 0.007 12.284 0.159	9.116 0.011	8.795 0.012		195.623 506 64 -50.039 174 22 195.626 349 35 -50.039 389 13	2.45 2.45	-27.14 -7.05 -27.14 -7.05	1.45 1.17 1.82 1.67 0.97 41.92 26.35 1.82 1.67 0.97	A 96.7 6.62															
13028-5541	1	I NC	A 63655 B 63652	8.328 0.026 9.837 0.086	9.899 0.020 12.047 0.196	8.324 0.010 10.159 0.057		195.691 031 38 -55.675 288 36 195.685 537 68 -55.679 810 73	0.68 21.85	-33.81 -8.56 -3.52 8.44	1.84 1.96 2.65 2.46 2.14 21.66 23.55 20.95 19.35 16.32	A 214.41 19.73 -0.04 -0.03															
13029+1328	1	F CA	A 63660 B 63660	9.290 0.010 9.617 0.013				195.712 822 77 +13.473 353 27 195.712 770 21 +13.473 480 97	10.58 10.58	-49.04 16.97 -49.04 16.97	3.42 3.58 2.70 2.69 2.59 7.90 4.73 2.70 2.69 2.59	A 338 0.50															
13031-7129	1	F CA	A 63688 B 63688	6.019 0.005 8.857 0.037				195.772 335 15 -71.475 723 27 195.772 479 79 -71.475 873 21	2.07 2.07	-11.18 -2.39 -11.18 -2.39	0.59 0.64 0.68 0.59 0.64 10.20 8.02 0.68 0.59 0.64	A 163 0.56															
13032+2836	1	F CA	A 63698 B 63698	11.156 0.017 11.228 0.018				195.812 286 27 +28.607 041 03 195.812 141 05 +28.607 120 57	5.83 5.83	-88.45 -5.76 -88.45 -5.76	4.42 3.49 3.87 5.06 2.93 6.89 5.85 3.87 5.06 2.93	A 302 0.54															
13032-5607	1	F CA	A 63695 B 63695	8.381 0.006 9.450 0.015				195.796 183 03 -56.110 608 01 195.795 942 73 -56.110 628 87	2.55 2.55	-9.33 -5.34 -9.33 -5.34	1.32 1.15 1.48 1.29 1.07 3.53 4.39 1.48 1.29 1.07	A 261 0.488															
13033-5936	1	F CA	A 63705 B 63705	9.515 0.008 9.563 0.008	9.872 0.019 9.961 0.022	9.430 0.020 9.427 0.022		195.830 858 11 -59.601 112 72 195.830 761 11 -59.600 144 03	6.95 6.95	-55.41 -8.07 -55.41 -8.07	1.88 1.99 2.83 1.86 1.76 3.40 3.20 2.83 1.86 1.76	A 357.1 3.492															
13035+0928	1	F CA	A 63723 B 63723	10.278 0.009 10.569 0.012	10.929 0.085 11.148 0.089	10.210 0.066 10.920 0.127		195.885 051 56 +9.468 870 12 195.883 870 76 +9.471 079 91	9.71 9.71	-49.05 5.29 -49.05 5.29	2.95 3.09 3.44 3.45 3.36 5.75 4.84 3.44 3.45 3.36	A 332.21 8.99															
13035+2548	1	F FC G	A 63721 B 63716	8.861 0.109 9.701 0.187	10.850 0.069	10.303 0.064		195.869 462 90 +25.797 124 04 195.861 145 38 +25.798 444 52	2.95 2.95	-43.77 -16.46 -43.77 -16.46	55.48 51.30 4.27 5.33 4.30 4.10 3.82 4.27 5.33 4.30	A 280.0 27.37															
13035-7702	1	F CB	A 63722 B 63722	9.491 0.009 12.729 0.168	9.626 0.019	9.408 0.022		195.879 039 15 +77.031 599 39 195.878 114 47 -77.034 359 39	2.65 2.65	-11.68 -3.86 -11.68 -3.86	1.61 1.66 1.84 1.81 1.77 60.23 51.30 1.84 1.81 1.77	A 184.3 9.96															
13037+2339	1	F CA	A 63735 B 63735	10.350 0.011 10.439 0.012	10.884 0.074 10.841 0.071	10.060 0.053 10.166 0.058		195.917 677 80 +23.643 130 54 195.916 913 73 +23.643 662 14	4.92 4.92	17.19 -6.32 17.19 -6.32	4.84 5.12 6.99 6.14 4.35 8.12 7.01 6.99 6.14 4.35	A 307.2 3.16															
13038-2035	1	F CA	A 63738 B 63738	6.426 0.004 6.464 0.004				195.941 778 17 -20.583 509 64 195.941 594 86 -20.583 351 51	34.89 34.89	142.13 5.14 142.13 5.14	1.27 1.03 1.33 1.25 0.82 2.13 1.59 1.33 1.25 0.82	A 312.7 0.840															
13039-0340	1	L CA	A 63750 B 63750	7.245 0.003 7.613 0.005				195.976 839 82 -3.663 046 72 195.976 777 50 -3.663 225 20	8.00 8.00	-37.64 -39.65 -31.80 -37.58	2.34 1.73 2.18 2.05 1.50 2.96 2.47 2.18 2.18 1.68	A 199.2 0.680 -0.4 -0.004															
13040-1738	1	L CA	A 63754 B 63754	9.159 0.024 9.668 0.039				196.011 315 78 -17.624 531 98 196.011 332 09 -17.624 609 04	18.31 18.31	29.53 -134.83 20.91 -165.67	5.49 3.67 1.84 5.57 1.86 10.92 5.80 1.84 9.83 2.92	A 169 0.283 +3 +0.029															
13041+0511	1	F CB	A 63756 B 63756	9.043 0.011 12.155 0.184	9.466 0.019	8.966 0.019		196.020 128 92 +5.188 960 56 196.019 760 98 +5.189 288 29	7.52 7.52	-47.16 8.10 -47.16 8.10	2.51 2.51 2.26 2.50 2.11 56.19 42.07 2.26 2.50 2.11	A 312 1.77															
13042+1924	1	F CA	A 63767 B 63767	9.974 0.012 10.763 0.023	10.320 0.038 11.249 0.079	10.023 0.046 10.566 0.069		196.051 935 05 +19.397 415 04 196.050 294 55 +19.396 167 31	9.05 9.05	-14.82 -22.57 -14.82 -22.57	3.35 2.50 3.24 3.89 2.24 8.18 6.52 3.24 3.89 2.24	A 231.1 7.16															
13043+5227	1	F CA	A 63773 B 63773	9.433 0.011 10.957 0.042				196.075 349 92 +52.453 002 92 196.075 409 32 +52.453 104 60	6.09 6.09	-26.46 -15.34 -26.46 -15.34	1.78 1.88 1.60 1.33 1.29 9.33 7.67 1.60 1.33 1.29	B 20 0.39															
13043-8013	1	F CA	A 63768 B 63768	8.736 0.008 8.837 0.009				196.065 328 55 -80.219 009 66 196.065 208 44 -80.219 136 50	4.28 4.28	-51.12 -13.51 -51.12 -13.51	1.59 1.95 1.61 1.29 1.88 2.80 2.64 1.61 1.29 1.88	A 189.1 0.462															
13044-1316	1	F CA	A 63789 B 63789	10.407 0.015 10.663 0.019				196.112 405 69 -13.262 713 14 196.112 496 25 -13.262 634 49	7.88 7.88	-57.49 -8.43 -57.49 -8.43	4.16 2.94 3.15 4.08 2.15 6.82 5.91 3.15 4.08 2.15	B 48 0.43															
13045+0839	1	F CA	A 63796 B 63796	8.360 0.005 10.393 0.031	8.727 0.012 10.288 0.078	8.284 0.010 9.702 0.058		196.128 040 65 +8.653 181 15 196.128 448 95 +8.652 500 67	4.50 4.50	18.00 1.27 18.00 1.27	1.40 1.05 1.57 1.53 1.11 12.50 7.95 1.57 1.53 1.11	A 149.3 2.85															
13047+0927	1	F CA	A 63811 B 63811	8.338 0.007 11.365 0.110				196.185 875 71 +9.449 766 66 196.185 922 70 +9.449 665 84	4.01 4.01	-8.20 -12.00 -8.20 -12.00	1.68 1.50 1.30 1.16 1.02 30.23 17.04 1.30 1.16 1.02	A 155 0.40															
13048+5554	1	F CA	A 63816 B 63816	11.135 0.021 12.210 0.056				196.194 885 01 +55.902 724 77 196.195 234 18 +55.902 315 36	31.44 31.44	-166.84 32.45 -166.84 32.45	3.08 3.01 3.62 3.33 2.96 15.21 13.12 3.62 3.33 2.96	A 154 1.63															
13048+7301	1	L CA	A 63822 B 63822	6.639 0.004 8.557 0.020	6.731 0.007	6.497 0.009		196.207 425 17 +73.024 952 41 196.206 221 32 +73.024 916 43	8.23 8.23	-19.04 9.64 -24.70 19.42	0.71 0.72 0.70 0.70 0.63 5.47 3.91 0.70 4.50 3.23	A 264.2 1.272 +0.5 +0.005															
13049+2438	1	F CA	A 63830 B 63830	11.224 0.036 11.700 0.056				196.231 519 90 +24.630 016 66 196.231 543 95 +24.630 110 06	2.64 2.64	-38.26 10.99 -38.26 10.99	3.25 4.29 2.91 2.59 2.20 8.30 8.28 2.91 2.59 2.20	A 13 0.35															
13050+6436	1	F CA	A 63837 B 63837	10.195 0.059 10.538 0.082				196.252 277 69 +64.594 921 21 196.252 311 99 +64.594 862 55	9.08 9.08	-58.22 1.69 -58.22 1.69	3.26 5.98 1.24 1.05 1.11 6.47 9.03 1.24 1.05 1.11	A 166 0.22															



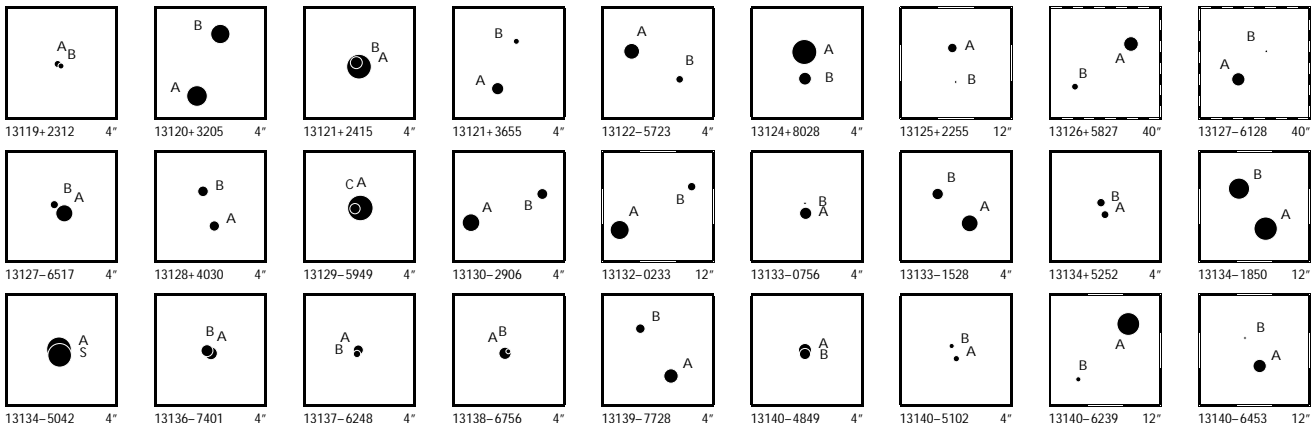
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13050-4634	1	F CA	A 63841 B 63841	8.676 0.005 9.791 0.014	9.038 0.015 9.937 0.032	8.563 0.015 9.526 0.036		196.257 715 08 196.259 611 62	-46.563 431 51 -46.563 622 86	4.51 4.51	-48.39 0.70 -48.39 0.70	1.42 1.37 1.88 1.39 1.09 4.70 4.82 1.88 1.39 1.09	A 98.3 4.745													
13051+6246	1	F CA	A 63844 B 63844	8.811 0.005 12.089 0.102	9.298 0.013	8.720 0.012		196.266 578 18 196.267 064 68	+62.773 325 94 +62.772 650 18	7.13 7.13	-9.91 -19.97 -9.91 -19.97	0.94 0.96 1.05 0.88 0.93 21.63 24.01 1.05 0.88 0.93	A 161.8 2.56													
13055+3708	1	F CA	A 63882 B 63882	12.451 0.052 12.500 0.054				196.375 419 23 196.375 270 69	+37.136 779 88 +37.136 813 11	43.18 43.18	-303.82 -202.49 -303.82 -202.49	11.77 14.33 6.95 6.78 3.70 10.49 7.98 6.95 6.78 3.70	A 286 0.44													
13055+4141	1	F CA	A 63874 B 63874	8.926 0.006 11.054 0.040	9.351 0.009	8.836 0.009		196.362 874 97 196.363 681 84	+41.681 224 84 +41.680 888 88	7.78 7.78	59.58 -14.26 59.58 -14.26	0.97 0.97 1.48 1.00 1.02 8.33 7.61 1.48 1.00 1.02	A 119.1 2.48													
13056-2204	1	L CA	B 63889 A 63889	8.219 0.049 8.249 0.050				196.399 317 99 196.399 268 29	-22.071 303 90 -22.071 323 99	7.85 7.85	8.53 -24.38 1.11 -32.02	4.36 3.22 0.86 1.56 1.52 5.20 3.62 0.86 1.59 1.56	B 246 0.181 -1 +0.010													
13058-4911	1	F CB	A 63913 B 63913	11.102 0.023 11.726 0.040	11.636 0.119	10.684 0.074		196.454 785 24 196.452 535 61	-49.177 457 28 -49.178 625 89	11.70 11.70	-14.95 0.12 -14.95 0.12	5.66 4.57 6.44 6.61 3.69 13.79 16.09 6.44 6.61 3.69	A 231.5 6.76													
13058-5521	1	F ND D	A 63914 B 63914	9.080 0.007 12.347 0.144	10.173 0.019	9.024 0.012		196.461 392 45 196.461 654 88	-55.348 231 11 -57.045 605 08	3.43 3.43	-7.97 -2.53 -7.97 -2.53	0.99 1.00 1.48 1.62 1.07 28.87 26.69 1.48 1.62 1.07	A 158 1.45													
13060-7248	1	F CB	A 63924 B 63924	9.041 0.010 12.273 0.197				196.497 646 28 196.497 221 28	-72.799 650 87 -72.799 661 28	-0.94 -0.94	-4.43 0.07 -4.43 0.07	2.97 2.30 2.10 2.00 1.74 60.60 55.59 2.10 2.00 1.74	A 265 0.45													
13062-6703	1	F CA	A 63932 B 63932	9.935 0.027 11.003 0.072				196.542 154 31 196.542 007 68	-67.045 605 97 -67.045 531 78	1.04 1.04	11.80 4.45 11.80 4.45	3.35 3.90 1.79 1.39 1.60 9.95 10.34 1.79 1.39 1.60	A 322 0.34													
13063+2044	1	L CA	A 63942 B 63942	9.617 0.007 12.109 0.065				196.564 286 57 196.564 081 94	+20.728 996 78 +20.728 863 39	53.78 53.78	-50.23 102.64 -65.56 67.22	2.45 2.07 2.38 1.95 1.38 26.93 19.00 2.38 17.74 11.92	A 235 0.84 -1 +0.03													
13064+2109	1	F CA	A 63948 B 63948	6.164 0.003 8.891 0.036	6.474 0.005	6.056 0.005		196.588 679 41 196.588 369 61	+21.153 510 00 +21.153 825 69	20.03 20.03	-69.06 -46.54 -69.06 -46.54	1.21 0.94 1.35 1.43 0.90 12.05 9.77 1.35 1.43 0.90	A 317.5 1.54													
13066-4602	1	F CA	A 63975 B 63975	8.220 0.006 8.444 0.007				196.649 436 94 196.648 913 35	-46.033 850 90 -46.033 777 80	7.64 7.64	-34.99 -17.28 -34.99 -17.28	1.48 1.33 1.79 1.46 1.05 3.40 2.50 1.79 1.46 1.05	A 281.4 1.335													
13066-6434	1	F CA	A 63979 B 63979	9.831 0.015 9.868 0.016				196.656 696 05 196.656 448 00	-64.560 171 04 -64.560 249 59	4.30 4.30	-34.98 -8.38 -34.98 -8.38	3.27 3.20 3.09 3.02 2.95 4.67 5.55 3.09 3.02 2.95	A 234 0.48													
13067+2853	1	F CA	A 63982 B 63982	11.594 0.018 11.905 0.024				196.664 172 55 196.664 048 43	+28.876 957 31 +28.877 148 87	1.74 1.74	1.15 -13.88 1.15 -13.88	8.29 7.61 6.13 5.96 6.81 11.17 10.94 6.13 5.96 6.81	A 330 0.79													
13068+4022	1	F CA	B 63992 A 63992	10.753 0.008 11.018 0.010				196.705 709 24 196.705 527 97	+40.373 985 00 +40.374 078 38	9.00 9.00	-2.96 -34.88 -2.96 -34.88	3.51 3.49 4.50 3.56 3.02 4.50 4.63 4.50 3.56 3.02	B 304 0.600													
13069+2502	1	F CB	A 64007 B 64007	9.476 0.007 12.731 0.133				196.736 624 14 196.736 576 06	+25.038 360 69 +25.038 188 61	6.30 6.30	-47.85 -27.69 -47.85 -27.69	1.54 1.47 1.85 1.81 1.48 33.07 32.77 1.85 1.81 1.48	A 194 0.64													
13072-5420	1	F CA	A 64025 B 64025	9.633 0.047 10.450 0.100				196.803 363 31 196.803 266 48	-54.333 175 19 -54.333 221 46	2.88 2.88	8.74 -13.97 8.74 -13.97	4.87 4.58 1.78 1.50 1.04 10.18 9.68 1.78 1.50 1.04	A 231 0.26													
13073+0035	1	L CA	A 64030 B 64030	7.639 0.005 8.219 0.008	8.030 0.010 8.723 0.018	7.558 0.009 8.135 0.016		196.832 326 88 196.832 292 73	+0.585 198 89 +0.587 146 53	13.24 13.24	-101.92 -97.60 -105.92 -102.24	1.93 1.82 1.99 1.66 1.40 3.90 3.80 1.99 2.36 2.20	A 359.00 7.013 -0.03 -0.005													
13074-5952	1	F CA	A 64033 B 64033	6.624 0.004 7.095 0.006				196.851 291 90 196.851 441 83	-59.860 490 11 -59.860 300 60	2.64 2.64	-11.78 -8.06 -11.78 -8.06	0.90 1.06 1.53 0.97 1.02 2.11 1.93 1.53 0.97 1.02	A 21.7 0.734													
13076-6144	1	F CA	A 64049 B 64049	9.725 0.008 10.537 0.017	10.212 0.025 10.962 0.051	9.581 0.022 10.275 0.043		196.899 498 75 196.902 538 15	-61.736 604 74 -61.737 097 27	9.49 9.49	11.12 10.60 11.12 10.60	2.55 2.46 3.85 2.69 2.40 6.19 6.36 3.85 2.69 2.40	A 108.9 5.48													
13077-4718	1	F ND D	A 64060 B 64060	9.087 0.019 12.557 0.446	9.937 0.025	8.927 0.018		196.931 164 49 196.931 287 97	-47.292 510 95 -47.292 884 62	-1.06 -1.06	-31.88 -3.17 -31.88 -3.17	1.70 1.69 1.97 1.57 1.21 67.88 75.62 1.97 1.57 1.21	A 167 1.38													
13077-6401	1	F CA	A 64063 B 64063	9.631 0.046 10.337 0.087				196.934 243 56 196.934 075 93	-64.011 800 05 -64.011 781 09	6.71 6.71	-44.65 -19.98 -44.65 -19.98	6.82 3.62 1.76 1.52 1.46 11.43 7.66 1.76 1.52 1.46	A 284 0.27													
13078-1800	1	F CB	A 64068 B 64068	8.243 0.005 11.767 0.128	9.262 0.015	8.185 0.010		196.957 230 91 196.957 225 31	-18.004 374 65 -18.005 332 48	2.16 2.16	2.38 2.07 2.38 2.07	1.53 0.92 1.41 1.73 0.80 41.60 25.17 1.41 1.73 0.80	A 180 3.45													
13079+0120	1	F CA	A 64082 B 64082	9.745 0.019 10.692 0.045	10.066 0.029	9.580 0.029		196.984 279 93 196.984 439 68	+1.338 125 32 +1.338 438 53	7.11 7.11	44.13 -18.54 44.13 -18.54	2.75 2.51 2.72 2.88 2.43 9.63 8.20 2.72 2.88 2.43	A 27 1.27													
13079-1902	1	F CA	A 64071 B 64071	7.852 0.004 10.978 0.061	9.211 0.014	7.787 0.008		196.966 561 97 196.967 234 65	-19.035 687 48 -19.035 819 70	4.06 4.06	-28.69 3.80 -28.69 3.80	1.26 0.88 1.23 1.20 0.82 24.29 21.51 1.23 1.20 0.82	A 101.7 2.34													
13079-5242	1	F CA	A 64072 B 64072	9.200 0.010 9.533 0.013				196.968 029 30 196.967 839 02	-52.707 971 18 -52.708 278 40	10.35 10.35	-148.54 -42.65 -148.54 -42.65	2.50 2.20 3.00 2.58 1.81 3.83 4.56 3.00 2.58 1.81	A 200.6 1.18													
13080+4907	1	F CA	A 64088 B 64088	11.010 0.014 11.809 0.029	11.409 0.061	10.981 0.069		197.007 625 46 197.007 806 42	+49.111 784 24 +49.109 249 12	5.44 5.44	-32.48 47.92 -32.48 47.92	2.81 3.59 4.03 2.93 3.60 9.40 11.12 4.03 2.93 3.60	A 177.3 9.14													



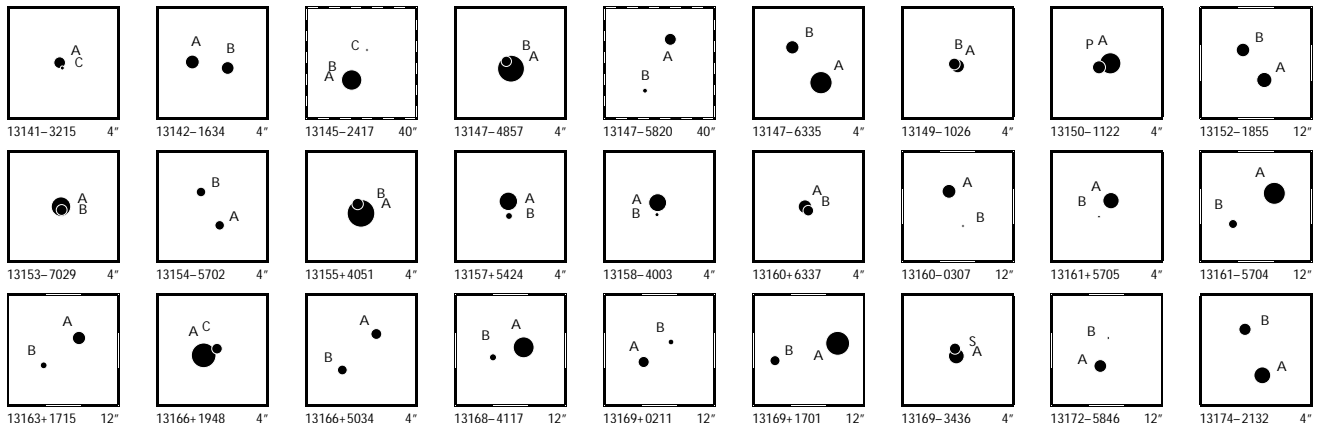
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
13081+2657	1	F CA	A 64092 S 64092	8.980 9.500	0.258 0.417						197.013 102 84 +26.946 870 82 197.013 079 70 +26.946 844 07	8.63 8.63	-18.31 -18.31	35.50 35.50	9.21 12.80 1.14 1.02 0.80 16.70 18.12 1.14 1.02 0.80	A 218	0.12									
13081-2335	1	F CA	A 64095 B 64095	9.089 9.383	0.045 0.059						197.030 312 89 -23.588 596 88 197.030 382 77 -23.588 590 44	2.97 2.97	-30.44 -30.44	-1.43 -1.43	5.50 3.55 1.21 1.24 0.62 7.68 6.01 1.21 1.24 0.62	A 84	0.23									
13081-6518	1	F CA	A 64094 B 64094	5.639 7.663	0.003 0.015	5.603 0.003 7.488 0.010	5.645 0.004 7.546 0.015				197.029 828 92 -65.306 017 41 197.029 399 17 -65.307 489 85	0.03 0.03	-5.35 -5.35	-2.23 -2.23	0.50 0.55 0.67 0.59 0.68 3.97 5.00 0.67 0.59 0.68	A 186.95	5.34									
13081-7719	1	F CB	A 64091 B 64091	9.027 11.304	0.057 0.466						197.011 942 17 -77.309 807 36 197.012 019 21 -77.309 864 38	23.70 23.70	46.98 46.98	-67.75 -67.75	4.65 7.79 1.22 1.27 1.17 36.85 40.22 1.22 1.27 1.17	A 163	0.21									
13082+3844	1	F CA	A 64104 B 64104	8.744 10.349	0.006 0.025	9.394 0.018 11.302 0.096	8.634 0.015 10.080 0.049				197.056 582 45 +38.739 172 18 197.057 020 30 +38.740 917 05	14.60 14.60	-119.25 -119.25	-95.86 -95.86	1.64 1.29 1.70 1.74 1.18 7.58 8.28 1.70 1.74 1.18	A 11.1	6.40									
13084+1529	1	F CA	A 64116 B 64116	8.398 9.234	0.008 0.017	9.456 0.029 9.792 0.048	8.335 0.015 9.095 0.028				197.110 263 22 +15.491 639 19 197.109 944 56 +15.492 349 05	10.33 10.33	11.48 11.48	-64.84 -64.84	1.86 1.41 1.77 2.01 1.29 6.34 4.22 1.77 2.01 1.29	A 336.6	2.78									
13089-5235	1	F FD D	A 64153 B 64154	9.391 10.941	0.012 0.047	10.269 0.031 9.328 0.023					197.223 022 76 -52.582 289 88 197.225 801 19 -52.579 970 92	6.91 6.91	11.71 11.71	-13.75 -13.75	3.40 4.22 4.27 3.37 3.53 14.03 19.82 4.27 3.37 3.53	A 36.1	10.33									
13091+2127	1	F CA	A 64175 B 64175	8.729 10.082	0.045 0.156						197.285 490 39 +21.456 113 09 197.285 534 75 +21.456 157 62	14.65 14.65	-22.96 -22.96	-14.65 -14.65	4.51 4.24 1.98 1.59 1.08 16.31 14.00 1.98 1.59 1.08	A 43	0.22									
13097+4418	1	F CA	A 64215 B 64215	9.593 10.977	0.007 0.025						197.419 751 67 +44.303 335 51 197.419 513 97 +44.303 266 01	7.48 7.48	-39.45 -39.45	-5.37 -5.37	1.86 1.57 2.28 1.85 1.52 6.43 7.43 2.28 1.85 1.52	A 248	0.66									
13097-5009	1	F CB	A 64216 B 64216	7.820 11.284	0.006 0.144						197.422 352 16 -50.149 954 32 197.422 173 13 -50.150 082 27	6.17 6.17	-32.96 -32.96	-12.38 -12.38	1.30 1.34 1.50 1.33 1.10 39.44 37.70 1.50 1.33 1.10	A 222	0.62									
13098-3531	1	F CA	A 64227 B 64227	10.215 11.542	0.056 0.183	11.981 0.175 10.293 0.054					197.451 072 68 -35.508 509 62 197.454 222 17 -35.511 872 16	1.53 1.53	-21.28 -21.28	-11.98 -11.98	5.30 5.08 5.83 5.99 4.81 43.27 31.51 5.83 5.99 4.81	A 142.7	15.22									
13099+3122	1	F CA	A 64232 B 64232	9.837 10.986	0.010 0.026	10.504 0.032 12.172 0.154	9.751 0.026 10.693 0.066				197.466 809 47 +31.366 859 64 197.465 707 15 +31.368 734 66	6.97 6.97	-16.56 -16.56	-48.61 -48.61	2.12 1.88 2.21 2.50 1.62 8.10 6.06 2.21 2.50 1.62	A 333.3	7.55									
13099+3831	1	F CA	B 64217 C 64217	6.274 9.491	0.003 0.056	6.121 0.004 6.260 0.005					197.425 175 01 +38.533 870 60 197.424 726 42 +38.533 878 24	2.85 2.85	-14.76 -14.76	6.16 6.16	0.79 0.61 0.85 0.75 0.58 18.72 10.43 0.85 0.75 0.58	B 271.2	1.26									
13099-0532	1	F CA	A 64238 D 64238	4.488 6.830	0.004 0.033						197.487 550 15 -5.538 929 87 197.487 516 16 -5.538 808 83	7.86 7.86	-35.08 -35.08	-32.80 -32.80	1.26 1.10 1.11 1.03 0.96 15.09 4.92 1.11 1.03 0.96	A 338	0.47									
13102+7358	1	IND D	A 64252 B 64251	8.657 9.548	0.007 0.012	8.885 0.011 9.954 0.027	8.556 0.012 9.355 0.025				197.541 419 17 +73.968 755 13 197.540 720 11 +73.960 998 98	5.73 5.03	-33.70 -35.18	-0.46 1.10	1.52 1.52 1.37 1.57 1.48 4.35 4.30 2.62 3.27 3.01	A 181.43	27.931	0.00	-0.002							
13104-3447	1	F CB	A 64270 B 64270	8.616 9.588	0.394 0.966						197.587 524 89 -34.779 196 50 197.587 492 64 -34.779 177 38	6.14 6.14	-16.67 -16.67	-3.79 -3.79	21.84 16.20 1.10 1.18 0.94 35.19 23.51 1.10 1.18 0.94	A 306	0.12									
13105+1103	1	F CA	A 64284 B 64284	10.505 11.718	0.011 0.034						197.622 586 49 +11.044 472 44 197.622 665 64 +11.044 334 84	10.42 10.42	-125.12 -125.12	-27.86 -27.86	3.70 2.55 2.79 2.99 2.15 12.97 8.01 2.79 2.99 2.15	A 151	0.57									
13105-6051	1	IND D	A 64286 B 64289	8.734 10.886	0.017 0.093	8.994 0.011 11.168 0.068	8.639 0.011 10.596 0.066				197.626 626 23 -60.852 059 63 197.636 644 71 -60.856 630 24	5.80 -0.06	-58.35 -46.53	0.02 11.19	1.82 1.87 2.33 1.97 1.69 26.01 26.10 23.64 19.77 16.25	A 133.1	24.07	0.0	0.00							
13106-3128	1	F CB	A 64292 B 64292	9.405 11.338	0.163 0.964						197.651 394 13 -31.470 650 19 197.651 388 83 -31.470 689 54	19.24 19.24	-94.98 -94.98	-38.79 -38.79	7.07 8.66 1.24 1.61 1.18 34.81 77.04 1.24 1.61 1.18	A 187	0.14									
13107-0457	1	F CB	A 64296 B 64296	7.819 10.141	0.036 0.307						197.676 707 00 -4.941 817 25 197.676 690 46 -4.941 759 65	7.38 7.38	-69.98 -69.98	-13.18 -13.18	4.73 4.42 1.36 1.43 0.99 43.81 21.57 1.36 1.43 0.99	A 344	0.22									
13108-2411	1	F CB	A 64303 B 64303	8.039 11.533	0.005 0.114	8.842 0.012 7.971 0.010					197.695 043 04 -24.179 170 86 197.695 550 75 -24.178 575 67	27.12 27.12	-314.12 -314.12	-30.13 -30.13	1.53 1.01 1.51 1.63 0.90 68.44 31.82 1.51 1.63 0.90	A 38	2.72									
13111-4214	1	F CA	A 64332 B 64332	5.951 9.174	0.005 0.095						197.787 254 33 -42.232 827 85 197.787 116 73 -42.232 815 38	10.89 10.89	-76.67 -76.67	-26.10 -26.10	1.25 1.41 0.94 0.72 0.53 20.18 36.65 0.94 0.72 0.53	A 277	0.37									
13115+4407	1	F CA	A 64363 B 64363	10.319 12.521	0.009 0.065						197.877 172 99 +44.112 180 33 197.877 322 98 +44.112 371 33	4.46 4.46	-107.53 -107.53	-7.67 -7.67	1.62 1.56 2.25 1.82 1.63 17.20 14.07 2.25 1.82 1.63	A 29	0.79									
13116-6728	1	FND D	A 64372 B 64372	8.741 12.285	0.009 0.232	9.175 0.016 8.663 0.015					197.904 582 04 -67.466 107 46 197.906 218 74 -67.466 350 95	10.42 10.42	-40.19 -40.19	-4.30 -4.30	1.26 1.22 1.54 1.25 1.30 50.50 46.43 1.54 1.25 1.30	A 111	2.42									
13117-2633	1	F CA	A 64375 B 64375	7.197 7.432	0.096 0.119						197.913 494 48 -26.551 725 15 197.913 548 77 -26.551 726 24	8.88 8.88	-71.84 -71.84	1.55 1.55	9.00 6.06 0.79 0.74 0.40 9.31 7.49 0.79 0.74 0.40	A 91	0.17									
13117-5508	1	F CA	A 64377 B 64377	10.023 11.393	0.035 0.123						197.918 755 90 -55.132 535 21 197.918 766 29 -55.132 444 54	4.96 4.96	-15.34 -15.34	-12.86 -12.86	2.70 4.82 2.52 1.98 1.58 15.44 16.70 2.52 1.98 1.58	A 4	0.33									
13118+2931	1	F CA	A 64388 B 64388	11.477 11.776	0.042 0.056						197.959 324 09 +29.515 174 62 197.959 307 37 +29.515 083 69	1.69 1.69	-84.50 -84.50	4.54 4.54	3.51 4.80 3.25 3.35 2.26 9.10 7.86 3.25 3.35 2.26	A 189	0.33									



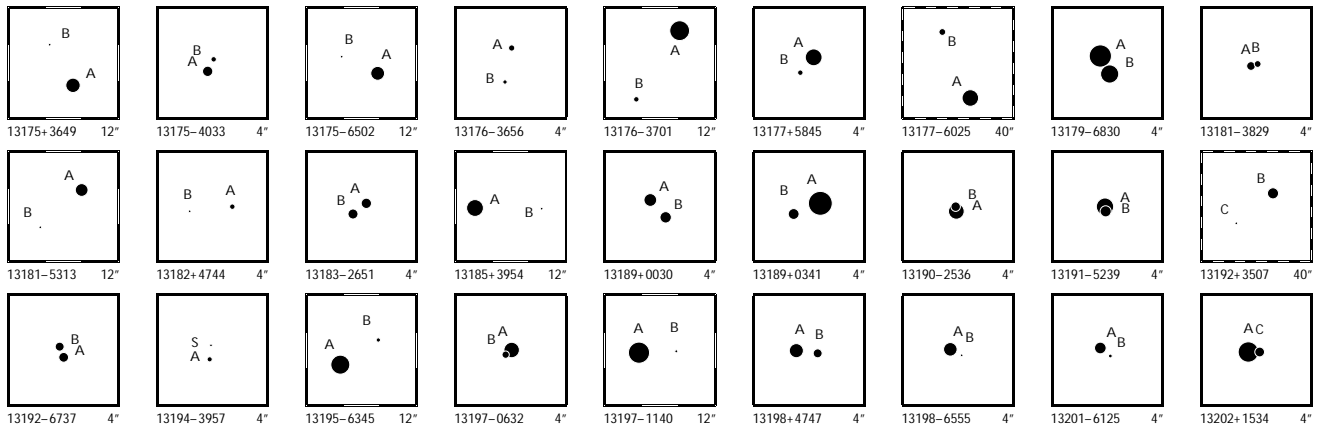
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13119+2312	1	F CA	A 64397 B 64397	10.459 0.163 10.708 0.206				197.978 939 02 +23.206 246 05 197.978 898 53 +23.206 225 23	2.94 2.94	-78.56 52.59 -78.56 52.59	12.28 9.22 1.53 1.61 1.19 14.92 12.79 1.53 1.61 1.19	A 241 0.15														
13120+3205	1	F CA	A 64405 B 64405	7.450 0.005 7.728 0.008	7.854 0.008 8.115 0.010	7.365 0.009 7.631 0.008		198.008 462 74 +32.085 282 07 198.008 182 75 +32.085 919 59	12.82 12.82	24.43 -4.69 24.43 -4.69	1.49 1.16 1.48 1.57 0.99 2.58 3.23 1.48 1.57 0.99	A 339.6 2.449														
13121+2415	1	F CB	A 64417 B 64417	6.557 0.037 9.364 0.490				198.035 096 59 +24.258 126 30 198.035 118 89 +24.258 164 91	6.35 6.35	-22.32 -41.79 -22.32 -41.79	1.60 2.90 0.78 0.78 0.54 21.35 27.01 0.78 0.78 0.54	A 28 0.16														
13121+3655	1	F CA	A 64411 B 64411	9.300 0.007 10.688 0.021	9.706 0.021 10.460 0.116	9.113 0.018 9.766 0.085		198.020 155 28 +36.908 628 96 198.019 910 90 +36.909 114 70	2.97 2.97	13.19 -22.26 13.19 -22.26	1.82 1.81 2.28 1.87 1.75 6.35 7.50 2.28 1.87 1.75	A 338.1 1.88														
13122-5723	1	F CA	A 64418 B 64418	8.493 0.004 10.336 0.021	9.844 0.016 10.420 0.075	8.434 0.008 9.582 0.040		198.040 743 93 -57.376 697 54 198.039 836 58 -57.376 981 69	2.15 2.15	-10.24 2.01 -10.24 2.01	1.02 1.06 1.51 1.41 1.07 6.35 7.29 1.51 1.41 1.07	A 239.8 2.04														
13124+8028	1	F CA	A 64437 B 64437	6.507 0.002 9.152 0.024				198.106 063 35 +80.471 281 81 198.106 021 71 +80.471 007 08	4.75 4.75	-6.34 11.27 -6.34 11.27	0.54 0.52 0.54 0.55 0.54 5.67 5.74 0.54 0.55 0.54	A 181.4 0.99														
13125+2255	1	F CA	A 64442 B 64442	9.901 0.010 12.299 0.093	10.453 0.031 9.833 0.027			198.124 814 68 +22.917 199 40 198.124 741 26 +22.916 147 56	2.65 2.65	-6.66 9.44 -6.66 9.44	1.80 1.72 2.24 2.74 1.82 20.86 18.47 2.24 2.74 1.82	A 183.7 3.79														
13126+5827	1	IND D	A 64451 B 64454	8.752 0.011 10.526 0.041	9.243 0.013 11.261 0.062	8.670 0.012 10.311 0.041		198.156 553 15 +58.449 063 80 198.167 528 66 +58.444 688 19	12.63 4.24	-60.62 30.26 -61.48 27.04	1.55 1.83 1.62 1.59 1.76 11.94 13.06 7.01 7.34 7.46	A 127.30 25.99 +0.01 0.00														
13127-6128	1	FND D	A 64455 B 64455	9.049 0.010 12.484 0.233	9.189 0.012 9.063 0.014			198.168 540 19 -61.464 791 77 198.162 728 87 -61.461 888 45	1.47 1.47	-15.15 -6.35 -15.15 -6.35	1.20 1.25 1.80 1.26 1.18 53.69 53.59 1.80 1.26 1.18	A 316.3 14.46														
13127-6517	1	F CA	A 64458 B 64458	8.249 0.006 10.208 0.033				198.183 487 10 -65.291 404 34 198.183 716 14 -65.291 313 20	1.35 1.35	-8.18 -1.19 -8.18 -1.19	1.17 1.21 1.25 1.11 1.08 7.62 8.28 1.25 1.11 1.08	A 46 0.48														
13128+4030	1	F CA	A 64464 B 64464	9.630 0.008 9.725 0.008				198.198 955 81 +40.504 182 59 198.198 803 84 +40.503 827 47	5.75 5.75	-60.12 9.69 -60.12 9.69	1.93 2.47 2.86 1.79 1.75 2.96 3.62 2.86 1.79 1.75	B 198.0 1.34														
13129-5949	1	F CC	A 64478 C 64478	6.372 0.023 9.694 0.496				198.232 108 00 -59.816 342 21 198.232 210 67 -59.816 347 49	25.12 25.12	8.23 -107.89 8.23 -107.89	2.02 2.25 0.72 0.45 0.50 49.48 47.68 0.72 0.45 0.50	A 96 0.19														
13130-2906	1	F CA	A 64480 B 64480	8.070 0.005 9.572 0.019	8.207 0.013 9.588 0.039	7.975 0.014 9.171 0.039		198.245 560 83 -29.099 982 39 198.244 735 33 -29.099 684 71	6.20 6.20	14.32 3.23 14.32 3.23	1.68 1.25 1.50 2.88 1.23 6.58 4.45 1.50 2.88 1.23	A 292.4 2.81														
13132-0233	1	F CA	A 64498 B 64498	7.798 0.005 10.147 0.039	8.279 0.010 10.827 0.107	7.721 0.010 10.096 0.093		198.307 564 08 -2.555 631 45 198.305 352 97 -2.554 294 07	16.02 16.02	-115.57 -32.58 -115.57 -32.58	1.44 1.14 1.53 1.47 1.39 11.62 8.93 1.53 1.47 1.39	A 301.19 9.30														
13133-0756	1	F CA	A 64505 B 64505	9.307 0.019 12.051 0.236				198.316 640 11 -7.933 356 75 198.316 647 44 -7.933 259 77	3.03 3.03	8.69 2.60 8.69 2.60	2.27 4.36 1.85 1.87 1.51 28.19 28.74 1.85 1.87 1.51	A 4 0.35														
13133-1528	1	F CA	A 64504 B 64504	8.295 0.004 9.507 0.013	9.200 0.018 9.805 0.031	8.144 0.012 9.165 0.042		198.314 779 37 -15.460 468 28 198.315 118 96 -15.460 163 75	0.60 0.60	-13.46 -21.80 -13.46 -21.80	1.77 0.92 1.51 1.93 0.79 5.37 3.02 1.51 1.93 0.79	A 47.1 1.609														
13134+5252	1	F CA	A 64517 B 64517	10.162 0.013 10.288 0.015				198.349 149 37 +52.860 835 56 198.349 076 37 +52.860 712 34	1.25 1.25	-9.38 -12.75 -9.38 -12.75	3.30 3.49 2.34 1.98 2.62 2.87 3.54 2.34 1.98 2.62	B 200 0.471														
13134-1850	1	F CA	A 64520 B 64520	6.842 0.005 7.340 0.008	6.847 0.006 7.414 0.008	6.804 0.008 7.248 0.007		198.361 869 26 -18.826 380 90 198.362 734 86 -18.825 137 29	2.52 2.52	-21.28 -10.45 -21.28 -10.45	1.26 0.92 1.21 1.37 0.86 3.14 2.28 1.21 1.37 0.86	A 33.38 5.361														
13134-5042	1	L CA	A 64515 S 64515	6.562 0.045 6.776 0.055				198.347 435 75 -50.699 757 40 198.347 417 35 -50.699 820 61	9.92 9.92	-38.47 -12.46 -27.63 -24.04	2.49 5.95 0.98 1.44 1.01 3.34 6.69 0.98 1.79 1.18	A 190 0.231 -3 +0.009														
13136-7401	1	F CA	A 64531 B 64531	9.204 0.089 9.369 0.103				198.400 808 03 -74.021 540 00 198.400 965 15 -74.021 519 12	0.92 0.92	-12.78 -1.53 -12.78 -1.53	7.44 5.19 0.82 0.80 0.83 7.37 5.39 0.82 0.80 0.83	A 64 0.173														
13137-6248	1	F CA	A 64537 B 64537	9.802 0.145 10.362 0.242				198.421 394 00 -62.793 916 01 198.421 436 85 -62.793 955 63	15.44 15.44	-133.92 -57.90 -133.92 -57.90	8.19 10.05 1.38 1.03 1.01 12.68 17.04 1.38 1.03 1.01	A 154 0.16														
13138-6756	1	F CB	A 64545 B 64545	9.288 0.180 10.919 0.807				198.441 542 74 -67.926 101 04 198.441 447 91 -67.926 080 49	7.53 7.53	2.19 -5.50 2.19 -5.50	10.99 8.15 1.07 1.02 1.04 50.12 37.51 1.07 1.02 1.04	A 300 0.15														
13139-7728	1	F CA	A 64554 B 64554	8.843 0.005 9.875 0.014	8.769 0.014 9.701 0.025	8.734 0.013 9.523 0.051		198.476 407 80 -77.459 180 96 198.477 867 31 -77.458 697 47	0.38 0.38	-6.49 -1.58 -6.49 -1.58	1.34 1.44 1.49 1.46 1.34 4.44 4.67 1.49 1.46 1.34	A 33.2 2.081														
13140-4849	1	FND D	A 64558 B 64558	9.107 0.159 9.558 0.241				198.495 184 82 -48.817 496 04 198.495 179 53 -48.817 537 90	2.71 2.71	-15.24 -7.57 -15.24 -7.57	4.21 10.16 1.12 0.80 0.95 6.35 19.05 1.12 0.80 0.95	A 185 0.15														
13140-5102	1	F CA	A 64560 B 64560	10.641 0.017 10.831 0.020				198.501 394 02 -51.033 166 00 198.501 482 88 -51.033 031 92	9.25 9.25	-24.05 -2.95 -24.05 -2.95	2.79 5.66 6.07 2.70 4.49 5.14 8.33 6.07 2.70 4.49	A 23 0.52														
13140-6239	1	F CC	A 64564 B 64564	6.964 0.005 10.888 0.170	7.928 0.007 10.836 0.055	6.935 0.005 10.516 0.068		198.507 990 71 -62.653 881 22 198.511 386 99 -62.655 584 45	0.36 0.36	-5.47 -3.23 -5.47 -3.23	0.64 0.70 0.93 0.73 0.71 23.48 28.59 0.93 0.73 0.71	A 137.5 8.32														
13140-6453	1	F CC	A 64563 B 64563	9.052 0.010 12.684 0.278	9.109 0.012 9.017 0.016			198.508 886 10 -64.878 722 22 198.510 046 87 -64.877 879 61	-0.51 -0.51	-4.36 0.01 -4.36 0.01	1.53 1.67 2.09 1.69 1.66 58.76 62.38 2.09 1.69 1.66	A 30 3.51														



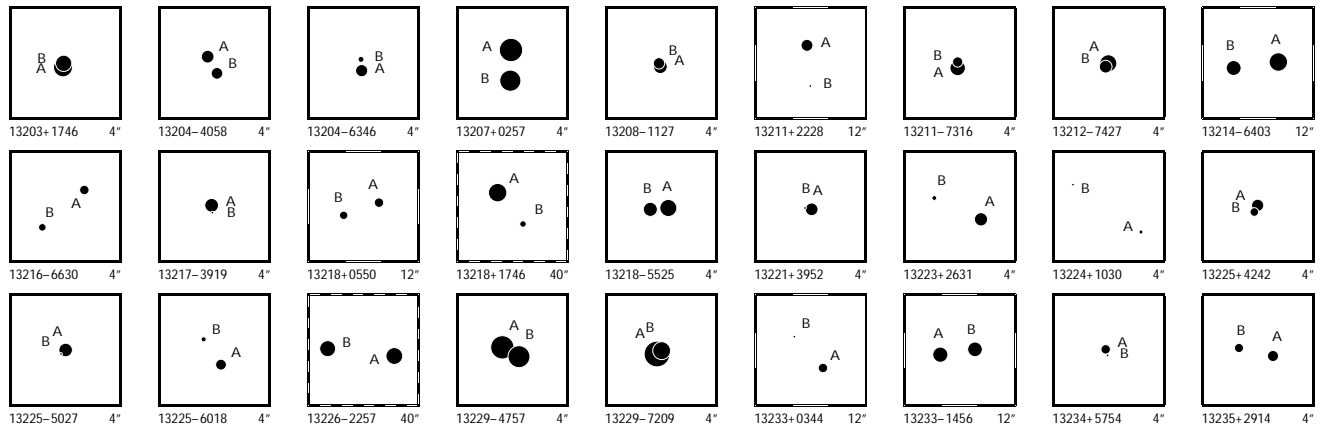
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13141-3215	1	F CA	A 64570 C 64570	9.422 0.089 11.077 0.407				198.520 863 38 198.520 834 77	-32.254 180 98 -32.254 230 59	10.40 10.40	-32.25 -32.25	-17.97 -17.97	4.52 8.81 1.50 1.50 1.14 22.35 30.97 1.50 1.50 1.14	A 206	0.20											
13142-1634	1	F CA	A 64573 B 64573	8.968 0.009 9.190 0.011				198.539 142 87 198.538 763 34	-16.558 386 08 -16.558 445 94	21.74 21.74	135.96 135.96	-141.09 -141.09	2.55 1.55 2.08 2.30 1.33 5.37 2.77 2.08 2.30 1.33	A 260.7	1.33											
13145-2417	1	F CB G	A 64603 A 64603 C 64603	7.483 0.030 7.511 0.028 11.538 0.795				198.614 902 82 198.614 925 15 198.613 100 59	-24.284 244 55 -24.284 299 24 -24.281 214 52	9.15 9.15 9.15	-75.89 -75.89 -75.89	7.35 7.35 7.35	2.94 2.84 1.21 1.62 0.79 4.51 3.43 1.21 1.62 0.79 54.46 33.68 1.21 1.62 0.79	B 160 B 331.5	0.210 12.41											
13147-4857	1	F CC	A 64623 B 64623	6.039 0.005 9.695 0.147				198.680 679 91 198.680 748 05	-48.956 805 09 -48.956 729 28	12.58 12.58	-108.72 -108.72	-89.45 -89.45	1.30 1.38 0.94 0.73 0.79 40.21 42.33 0.94 0.73 0.79	A 31	0.32											
13147-5820	1	IND D	A 64616 B 64620	9.350 0.028 10.934 0.098	9.804 0.016 11.140 0.056	9.259 0.016 11.036 0.087		198.664 681 72 198.669 529 71	-58.334 228 50 -58.339 511 02	-6.74 16.35	-5.70 -15.64	-0.11 -0.62	2.69 2.77 3.46 2.94 2.55 30.29 30.04 27.02 22.52 20.10	A 154.3	21.11	0.0	0.00									
13147-6335	1	LCB B	A 64624 B 64624	7.065 0.007 9.086 0.041	7.044 0.007	6.966 0.007		198.684 966 48 198.732 833 49	-63.581 055 30 -63.580 698 59	2.60 2.60	-5.16 -14.32	-0.49 22.56	1.13 1.24 1.47 1.16 1.14 11.48 12.51 1.47 6.76 7.44	A 39.7	1.67	-0.7	+0.01									
13149-1026	1	LCA A	A 64635 B 64635	9.020 0.163 9.405 0.232				198.722 364 73 198.722 398 59	-10.432 453 16 -10.432 434 00	4.23 4.23	30.74 -7.51	-21.51 11.31	9.71 14.36 0.95 6.13 7.33 14.57 19.38 0.95 8.17 10.04	A 60	0.14	-20	-0.02									
13150-1122	1	LCA P	A 64638 P 64638	7.347 0.008 9.135 0.042				198.732 717 73 198.732 833 49	-11.368 701 13 -11.368 744 43	25.81 25.81	-220.28 -194.09	-295.48 -322.31	1.88 1.18 1.17 1.23 0.86 10.01 7.18 1.17 5.36 5.09	A 111	0.44	+2	+0.03									
13152-1855	1	F CA	A 64660 B 64660	8.662 0.008 9.009 0.011				198.809 879 78 198.810 569 58	-18.919 891 70 -18.918 966 30	5.54 5.54	-29.92 -29.92	-9.22 -9.22	2.43 1.76 2.18 2.47 1.42 7.32 4.97 2.18 2.47 1.42	A 35.2	4.076											
13153-7029	1	F CC	A 64665 B 64665	7.675 0.152 9.606 0.901				198.825 985 66 198.825 968 16	-70.477 943 10 -70.477 977 66	3.45 3.45	-14.81 -14.81	-6.79 -6.79	9.28 9.75 0.69 0.56 0.62 56.52 46.76 0.69 0.56 0.62	A 190	0.13											
13154-5702	1	F CA	A 64684 B 64684	8.998 0.006 9.928 0.006				198.861 861 60 198.862 205 86	-57.036 668 01 -57.036 315 76	2.65 2.65	40.85 40.85	-8.21 -8.21	2.55 2.62 3.93 3.15 2.25 4.56 4.18 3.93 3.15 2.25	A 28.0	1.44											
13155+4051	1	F CA	A 64692 B 64692	5.873 0.005 9.476 0.123				198.883 521 17 198.883 570 71	+40.855 172 40 +40.855 268 31	13.32 13.32	-120.26 -120.26	11.09 11.09	0.65 0.80 0.78 0.46 0.55 19.35 17.80 0.78 0.46 0.55	A 21	0.37											
13157+5424	1	F CA	A 64705 B 64705	7.914 0.004 10.509 0.043				198.918 614 79 198.918 595 04	+54.402 975 46 +54.402 827 11	5.29 5.29	-4.25 -4.25	12.76 12.76	0.95 1.06 1.01 1.01 0.79 14.15 8.27 1.01 1.01 0.79	A 184	0.54											
13158-4003	1	FCB A	A 64715 B 64715	8.023 0.006 11.120 0.106				198.956 455 56 198.956 461 88	-40.054 719 06 -40.054 847 47	3.47 3.47	-4.83 -4.83	-16.81 -16.81	1.56 1.66 1.43 1.31 1.11 35.06 21.89 1.43 1.31 1.11	A 178	0.46											
13160+6337	1	F CA	A 64728 B 64728	9.007 0.085 9.653 0.153				199.010 670 16 199.010 592 50	+63.620 003 88 +63.619 962 70	7.09 7.09	-15.84 -15.84	-3.78 -3.78	6.00 6.77 0.87 0.85 0.80 9.53 10.51 0.87 0.85 0.80	A 220	0.19											
13160-0307	1	F CA	A 64721 B 64721	8.959 0.006 11.999 0.087	9.787 0.034	8.879 0.024		198.989 805 88 198.989 381 05	-3.112 644 72 -3.113 730 34	16.05 16.05	-21.15 -21.15	-128.90 -128.90	1.63 1.14 1.72 1.69 1.22 29.33 24.53 1.72 1.69 1.22	A 201.3	4.20											
13161+5705	1	F CA	A 64740 B 64740	8.401 0.005 11.593 0.086				199.031 523 69 199.031 762 93	+57.090 894 43 +57.090 737 43	1.05 1.05	-13.77 -13.77	12.41 12.41	0.97 0.93 1.10 1.13 0.90 19.66 22.45 1.10 1.13 0.90	A 140	0.73											
13161-5704	1	F CA	A 64739 B 64739	7.110 0.003 9.992 0.037	7.387 0.004	7.053 0.004		199.027 748 12 199.030 084 94	-57.061 589 55 -57.062 542 30	7.46 7.46	-8.96 -8.96	0.17 0.17	0.60 0.66 0.96 0.70 0.62 10.95 9.05 0.96 0.70 0.62	A 126.9	5.72											
13163+1715	1	F CA	A 64762 B 64762	9.038 0.007 10.516 0.028	9.622 0.028 10.933 0.083	8.943 0.024 10.423 0.085		199.084 515 01 199.085 638 15	+17.256 486 16 +17.255 643 98	6.61 6.61	14.80 14.80	3.50 3.50	1.96 1.60 2.21 1.81 1.32 9.95 7.11 2.21 1.81 1.32	A 128.1	4.91											
13166+1948	1	F CA	A 64779 C 64779	6.563 0.003 9.685 0.053				199.134 702 00 199.134 552 95	+19.785 217 44 +19.785 281 29	11.65 11.65	-110.15 -110.15	29.54 29.54	1.00 0.65 0.91 0.94 0.56 13.88 9.86 0.91 0.94 0.56	A 294	0.55											
13166+5034	1	F CA	A 64782 B 64782	9.578 0.008 9.835 0.010	9.752 0.024 10.073 0.041	9.207 0.029 9.471 0.040		199.155 097 95 199.155 656 75	+50.571 277 79 +50.570 912 02	5.91 5.91	-49.92 -49.92	24.10 24.10	2.09 2.04 2.46 2.32 1.92 3.41 3.71 2.46 2.32 1.92	A 135.9	1.835											
13168-4117	1	F CA	A 64791 B 64791	7.384 0.004 10.416 0.063	8.386 0.013 10.377 0.100	7.298 0.007 9.661 0.086		199.192 773 86 199.194 009 92	-41.283 002 03 -41.283 327 73	4.51 4.51	-16.50 -16.50	-0.98 -0.98	0.87 0.81 1.11 0.79 0.84 12.03 16.18 1.11 0.79 0.84	A 109.3	3.54											
13169+0211	1	F CA	A 64802 B 64802	9.569 0.006 10.749 0.017	10.092 0.030 11.458 0.129	9.425 0.025 10.366 0.067		199.221 267 41 199.220 418 89	+2.187 185 64 +2.187 801 97	6.38 6.38	-102.97 -102.97	-5.51 -5.51	1.95 1.86 2.20 2.02 1.94 7.56 6.82 2.20 2.02 1.94	A 306.0	3.77											
13169+1701	1	F CA	A 64797 B 64797	6.693 0.004 9.772 0.057	7.690 0.007 10.938 0.081	6.651 0.005 9.501 0.039		199.211 113 49 199.213 130 11	+17.017 816 41 +17.017 281 35	89.07 89.07	631.21 631.21	-260.84 -260.84	0.95 0.72 0.99 0.90 0.63 18.36 12.17 0.99 0.90 0.63	A 105.5	7.20											
13169-3436	1	LCA S	A 64804 S 64804	8.545 0.027 9.549 0.067				199.223 449 25 199.223 470 03	-34.598 413 97 -34.598 336 05	22.67 22.67	-97.35 -119.84	-25.12 -13.23	3.02 4.45 1.57 2.51 1.79 8.05 8.60 1.57 6.20 4.20	A 12	0.287	-5	+0.007									
13172-5846	1	FND D	A 64821 B 64821	9.206 0.008 12.962 0.244	10.207 0.025	9.164 0.017		199.304 921 90 199.304 415 73	-58.760 654 82 -58.759 813 51	6.33 6.33	29.18 29.18	7.21 7.21	1.73 1.73 2.18 2.02 1.72 79.30 64.24 2.18 2.02 1.72	A 343	3.17											
13174-2132	1	F CA	A 64829 B 64829	8.269 0.005 9.307 0.012	8.513 0.012 9.549 0.023	8.180 0.011 9.040 0.022		199.349 370 52 199.349 555 58	-21.537 975 65 -21.537 503 82	6.08 6.08	-19.50 -19.50	-1.70 -1.70	1.56 1.11 1.56 1.55 1.10 6.43 3.78 1.56 1.55 1.10	A 20.0	1.808											



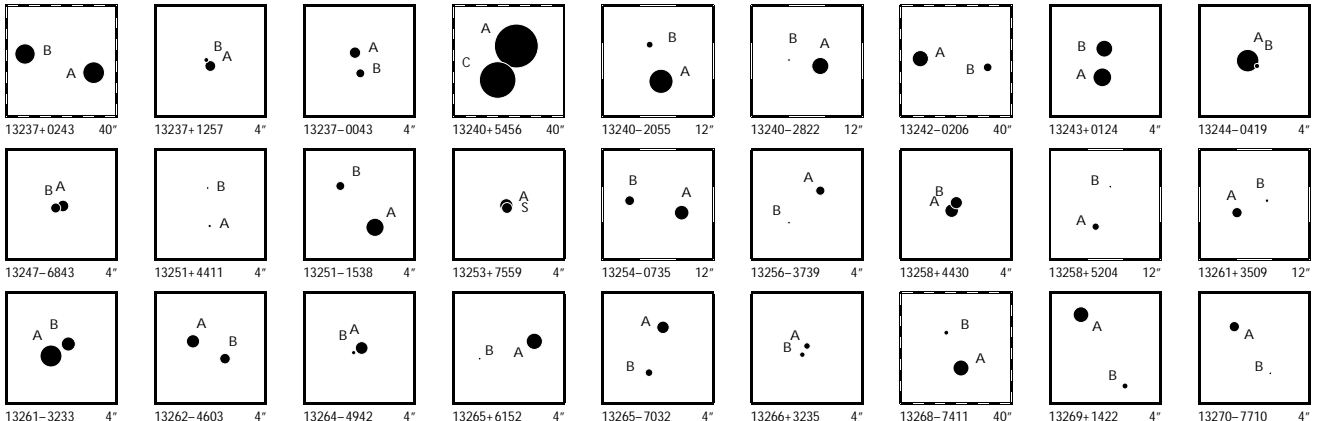
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13175+3649	1	FCA	A 64833 B 64833	8.799 0.006 11.838 0.100	10.119 0.018	8.750 0.010		199.363 279 77 +36.815 087 17 199.364 206 26 +36.816 301 77	1.29 1.29	17.12 -28.84 17.12 -28.84	1.71 1.21 1.88 1.79 1.27 41.51 23.28 1.88 1.79 1.27	A	31.4	5.12												
13175-4033	1	LCA	A 64835 B 64835	9.742 0.009 10.799 0.022				199.369 703 51 -40.543 910 02 199.369 622 28 -40.543 782 86	15.33 15.33	-39.47 -81.84 -28.20 -96.16	2.75 2.63 2.74 2.32 1.98 11.47 6.77 2.74 7.26 3.87	A	334	0.51	0	-0.02										
13175-6502	1	FCA	A 64840 B 64840	8.960 0.007 11.831 0.095	10.411 0.029	8.925 0.014		199.378 128 73 -65.035 805 28 199.380 798 76 -65.035 303 66	1.05 1.05	-6.07 -0.18 -6.07 -0.18	1.29 1.28 1.77 1.43 1.23 24.01 25.43 1.77 1.43 1.23	A	66.0	4.44												
13176-3656	1	FCA	A 64846 B 64846	10.608 0.019 11.051 0.028	10.727 0.063	10.382 0.078		199.389 361 79 -36.938 070 06 199.389 448 66 -36.938 418 49	9.92 9.92	-33.25 -12.15 -33.25 -12.15	5.26 5.30 6.42 5.94 5.74 17.24 20.26 6.42 5.94 5.74	A	169	1.28												
13176-3701	1	FCA	A 64859 B 64859	7.611 0.004 10.814 0.071	7.719 0.008	7.571 0.010	12.031 0.254	10.807 0.137	199.409 450 23 -37.017 201 38 199.411 133 31 -37.019 342 47	5.87 5.87	-28.71 -13.52 -28.71 -13.52	0.97 0.88 1.33 1.27 1.21 19.39 17.84 1.33 1.27 1.21	A	147.9	9.10											
13177+5845	1	FCA	A 64866 B 64866	8.268 0.004 10.814 0.034				199.434 645 32 +58.750 546 27 199.434 911 99 +58.750 382 12	3.64 3.64	0.49 5.49 0.49 5.49	0.81 0.89 0.94 0.84 0.87 9.74 9.88 0.94 0.84 0.87	A	140	0.77												
13177-6025	1	IND	D	A 64863 B 64868	8.333 0.008 10.500 0.040	8.402 0.008	8.286 0.009	10.682 0.034	10.286 0.038	199.430 840 76 -60.415 927 45 199.436 772 43 -60.409 140 79	0.96 -7.60	-11.07 -2.87 -10.47 -6.43	1.63 1.92 2.26 1.82 2.03 12.46 14.33 12.18 9.80 10.79	A	23.35	26.61	0.00	0.00								
13179-6830	1	FCA	A 64876 B 64876	7.094 0.003 8.007 0.006				199.481 053 23 -68.495 643 83 199.480 786 95 -68.495 824 84	4.44 4.44	-22.63 -10.28 -22.63 -10.28	0.72 0.81 0.94 0.76 0.86 2.55 2.53 0.94 0.76 0.86	A	208.3	0.740												
13181-3829	1	FCA	A 64893 B 64893	10.092 0.061 10.472 0.086				199.522 541 83 -38.482 146 88 199.522 450 71 -38.482 128 83	2.86 2.86	-38.62 -30.05 -38.62 -30.05	7.90 4.48 2.47 1.89 1.62 11.43 8.55 2.47 1.89 1.62	A	284	0.26												
13181-5313	1	FCB	A 64891 B 64891	9.175 0.010 12.215 0.164	9.623 0.022	9.090 0.021		199.520 438 29 -53.212 398 56 199.522 546 01 -53.213 530 56	8.61 8.61	-41.92 -21.64 -41.92 -21.64	1.67 1.82 2.30 1.81 1.64 51.34 41.46 2.30 1.81 1.64	A	131.9	6.10												
13182+4744	1	FCA	A 64902 B 64902	10.811 0.013 11.579 0.025	11.093 0.047	10.680 0.054		199.544 548 48 +47.740 357 38 199.545 197 48 +47.740 314 96	1.00 1.00	-2.68 1.01 -2.68 1.01	2.31 2.34 2.99 2.37 2.35 7.97 8.65 2.99 2.37 2.35	A	95.6	1.58												
13183-2651	1	FCA	A 64908 B 64908	9.705 0.009 9.807 0.009				199.563 406 31 -26.842 171 57 199.563 560 02 -26.842 282 68	4.89 4.89	-46.59 -15.77 -46.59 -15.77	3.46 3.79 3.15 3.55 4.18 5.00 4.56 3.15 3.55 4.18	A	129	0.635												
13185+3954	1	FCB	A 64928 B 64928	8.271 0.007 11.570 0.142	8.813 0.008	8.194 0.007		199.615 851 43 +39.898 316 10 199.613 155 90 +39.898 290 32	14.98 14.98	-25.64 -2.30 -25.64 -2.30	1.00 1.16 1.83 1.15 1.26 35.16 26.33 1.83 1.15 1.26	A	269.3	7.45												
13189+0030	1	FCA	A 64960 B 64960	9.183 0.007 9.495 0.010				199.726 977 12 +0.505 874 42 199.726 817 69 +0.505 695 42	5.61 5.61	-66.29 -44.80 -66.29 -44.80	2.36 2.37 2.42 2.35 2.47 4.34 4.12 2.42 2.35 2.47	A	221.7	0.863												
13189+0341	1	FCA	A 64954 B 64954	6.716 0.003 9.624 0.034	6.694 0.005	6.629 0.006		199.713 142 35 +3.687 669 42 199.713 420 80 +3.687 561 42	7.32 7.32	-51.72 -14.62 -51.72 -14.62	0.83 0.64 0.93 0.87 0.74 9.49 7.71 0.93 0.87 0.74	A	111.2	1.07												
13190-2536	1	FCB	A 64970 B 64970	8.520 0.157 9.899 0.557				199.743 237 96 -25.595 570 02 199.743 256 91 -25.595 526 56	11.86 11.86	-53.68 -36.44 -53.68 -36.44	5.51 15.04 1.03 1.38 0.79 17.61 27.85 1.03 1.38 0.79	A	21	0.17												
13191-5239	1	FCA	A 64982 B 64982	8.168 0.087 9.540 0.309				199.772 629 54 -52.654 832 93 199.772 611 27 -52.654 883 02	10.59 10.59	-69.11 -23.50 -69.11 -23.50	3.83 9.06 1.14 0.59 0.77 12.75 20.50 1.14 0.59 0.77	A	192	0.18												
13192+3507	1	ICA	A 65011 B 65012 C 65012	9.559 0.023 11.900 0.177	11.459 0.060	9.694 0.022		199.888 814 77 +35.112 047 45 199.893 457 34 +35.108 948 12	75.96 55.48	387.72 -778.72 380.37 -783.48	3.69 2.55 3.31 3.82 2.78 61.51 42.72 39.30 39.40 32.05	B	129.2	17.65	0.0	0.00										
13192-6737	1	FCA	A 64986 B 64986	9.818 0.011 10.030 0.014				199.798 767 98 -67.622 932 67 199.798 876 42 -67.622 820 21	0.32 0.32	-26.93 -19.68 -26.93 -19.68	3.44 2.85 2.42 2.03 2.03 3.70 3.34 2.42 2.03 2.03	A	20	0.431												
13194-3957	1	LCA	A 64999 S 64999	10.856 0.012 11.423 0.020				199.851 228 31 -39.950 340 23 199.851 213 29 -39.950 199 88	13.46 13.46	59.71 -121.44 37.56 -132.41	4.85 5.71 4.45 4.11 4.28 14.26 10.17 4.45 4.11 4.28	A	355	0.51	-3	-0.01										
13195-6345	1	FCB	A 65010 B 65010	7.780 0.006 11.015 0.112	8.203 0.007	7.716 0.007	11.607 0.140	10.590 0.092	199.887 818 97 -63.755 444 54 199.885 166 36 -63.754 690 93	16.11 16.11	23.89 -32.72 23.89 -32.72	1.11 1.10 1.51 1.22 1.15 41.07 31.08 1.51 1.22 1.15	A	302.7	5.02											
13197-0632	1	FCA	A 65025 B 65025	8.591 0.037 10.396 0.193				199.937 249 45 -6.541 603 56 199.937 315 48 -6.541 651 87	4.41 4.41	-46.82 -5.91 -46.82 -5.91	8.09 3.91 1.72 1.76 1.16 36.95 13.66 1.72 1.76 1.16	A	126	0.29												
13197-1140	1	FCC	A 65023 B 65023	7.339 0.004 11.349 0.140	7.458 0.007	7.291 0.007		199.933 844 74 -11.672 935 45 199.932 697 88 -11.672 881 09	5.42 5.42	-31.07 -18.43 -31.07 -18.43	1.06 0.84 1.09 1.23 0.91 50.33 38.68 1.09 1.23 0.91	A	273	4.05												
13198+4747	1	LCA	A 65026 B 65026	8.886 0.008 10.004 0.023				199.939 903 90 +47.778 071 70 199.939 578 73 +47.778 039 26	96.41 96.41	93.65 -17.58 247.22 -32.77	2.01 1.67 2.02 1.92 1.30 6.38 7.21 2.02 8.43 6.83	A	262	0.80	-3	-0.15										
13198-6555	1	FCA	A 65027 B 65027	8.999 0.009 11.553 0.096				199.941 438 24 -65.916 780 00 199.941 148 07 -65.916 837 24	1.82 1.82	-22.43 -8.00 -22.43 -8.00	1.99 1.49 1.65 1.66 1.15 17.04 16.47 1.65 1.66 1.15	A	244	0.47												
13201-6125	1	FCA	A 65059 B 65059	9.418 0.011 11.181 0.054				200.036 273 21 -61.413 477 00 200.036 066 33 -61.413 561 47	4.88 4.88	39.55 1.96 39.55 1.96	1.78 1.82 2.05 1.42 1.41 8.61 9.99 2.05 1.42 1.41	A	230	0.47												
13202+1534	1	FCA	A 65061 C 65061	7.492 0.005 9.830 0.043				200.039 109 93 +15.564 050 93 200.038 986 60 +15.564 051 55	5.89 5.89	-107.48 -17.05 -107.48 -17.05	1.59 1.14 1.21 1.22 0.64 11.23 13.50 1.21 1.22 0.64	A	270	0.43												



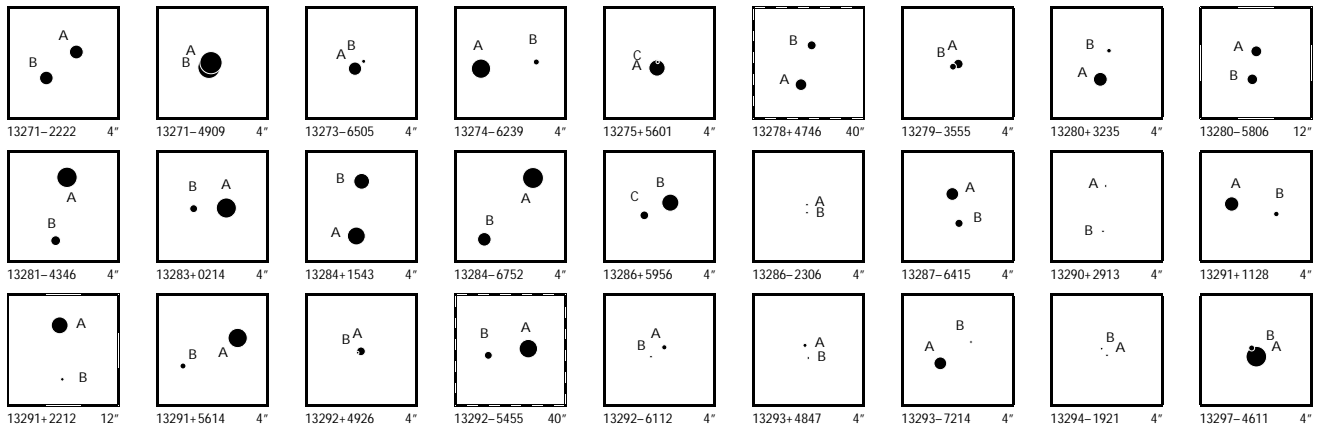
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13203+1746	1	F CA	P	A 65069 B 65069	7.783 8.384	0.062 0.108				200.065 760 65 +17.766 016 99 200.065 758 74 +17.766 054 84	13.07 13.07	-6.70 -6.70	-82.30 -82.30	4.49 4.34 0.87 0.77 0.48 7.74 6.46 0.87 0.77 0.48	A 357 0.136												
13204-4058	1	F CA	A	A 65082 B 65082	9.190 9.393	0.006 0.007				200.099 610 58 -40.959 559 17 200.099 482 58 -40.959 730 36	6.71 6.71	-7.62 -7.62	-5.27 -5.27	3.56 2.66 3.57 3.51 2.72 4.40 3.24 3.57 3.51 2.72	A 209.5 0.708												
13204-6346	1	F CA	A	A 65084 B 65084	9.284 10.653	0.011 0.036				200.103 881 53 -63.774 781 38 200.103 900 60 -63.774 656 78	0.24 0.24	-7.32 -7.32	-3.35 -3.35	1.69 2.16 2.06 1.41 1.74 8.21 7.78 2.06 1.41 1.74	A 4 0.45												
13207+0257	1	F CA	A	A 65119 B 65119	6.819 7.333	0.004 0.006				200.173 355 81 +2.942 316 88 200.173 370 04 +2.942 002 39	7.97 7.97	-62.29 -62.29	-11.23 -11.23	1.29 1.03 1.37 1.52 1.31 2.71 2.84 1.37 1.52 1.31	A 177.4 1.133												
13208-1127	1	F CC	P	A 65122 B 65122	8.955 9.479	0.265 0.429				200.188 492 67 -11.450 385 12 200.188 508 97 -11.450 352 85	2.03 2.03	-17.28 -17.28	-4.55 -4.55	10.04 14.84 1.05 0.94 0.65 22.96 26.15 1.05 0.94 0.65	A 26 0.13												
13211+2228	1	F CC	A	A 65150 B 65150	9.354 12.702	0.011 0.246	9.773 0.021	9.261 0.020		200.264 871 81 +22.473 833 30 200.264 807 29 +22.472 582 41	4.89 4.89	2.49 2.49	-24.34 -24.34	2.05 1.09 1.96 1.91 1.02 89.88 42.84 1.96 1.91 1.02	A 183 4.51												
13211-7316	1	L CA	A	A 65153 B 65153	8.600 9.731	0.040 0.113				200.278 254 57 -73.274 416 09 200.278 253 25 -73.274 357 01	5.42 5.42	10.96 10.96	-10.04 -10.04	2.96 4.41 1.01 2.40 1.41 9.38 10.76 1.01 6.58 3.51	A 360 0.213 -3 -0.014												
13212-7427	1	F CC	W	A 65166 B 65166	8.214 9.206	0.188 0.467				200.307 617 42 -74.441 926 72 200.307 695 61 -74.441 958 34	0.58 0.58	5.59 5.59	-0.63 -0.63	8.54 10.67 0.72 0.59 0.66 18.69 24.63 0.72 0.59 0.66	A 146 0.14												
13214-6403	1	F CA	A	A 65176 B 65176	7.906 8.724	0.005 0.011	8.406 0.010 9.311 0.022	7.812 0.009 8.549 0.019		200.348 001 42 -64.049 638 79 200.351 166 32 -64.049 812 89	18.86 18.86	-234.05 -234.05	-43.66 -43.66	1.08 1.17 1.49 1.03 1.22 4.29 3.79 1.49 1.03 1.22	A 97.17 5.025												
13216-6630	1	F CA	A	A 65193 B 65193	9.892 10.349	0.008 0.012	10.086 0.031 10.297 0.071	9.535 0.029 9.593 0.039		200.404 172 15 -66.492 428 32 200.405 240 09 -66.492 812 63	6.91 6.91	-17.65 -17.65	-32.83 -32.83	2.35 2.03 2.87 2.53 1.94 4.75 4.46 2.87 2.53 1.94	A 132.1 2.065												
13217-3919	1	F CC	A	A 65201 B 65201	8.962 12.136	0.023 0.433				200.434 841 88 -39.311 337 15 200.434 836 46 -39.311 408 11	15.54 15.54	-754.20 -754.20	103.90 103.90	1.90 3.15 1.44 1.53 1.29 37.45 56.67 1.44 1.53 1.29	A 183 0.26												
13218+0550	1	F CA	A	A 65204 B 65204	9.903 10.158	0.010 0.013	10.297 0.038 10.392 0.048	9.744 0.036 9.904 0.048		200.447 817 20 +5.825 962 03 200.448 890 27 +5.825 582 98	10.07 10.07	-7.30 -7.30	-67.29 -67.29	2.78 1.82 2.95 2.58 1.62 5.12 3.86 2.95 2.58 1.62	A 109.55 4.08												
13218+1746	1	F CA	A	A 65205 B 65205	7.891 10.532	0.006 0.063	8.221 0.008 11.048 0.056	7.847 0.009 10.313 0.045		200.452 897 84 +17.765 512 13 200.450 110 94 +17.762 285 50	9.72 9.72	-22.79 -22.79	-9.50 -9.50	1.13 0.79 1.17 1.20 0.74 19.43 11.71 1.17 1.20 0.74	A 219.4 15.04												
13218-5525	1	L CA	A	A 65207 B 65207	8.244 8.891	0.005 0.008				200.452 893 18 -55.417 030 77 200.453 232 31 -55.417 049 41	3.11 3.11	-21.68 -17.60	-2.34 -6.87	1.57 1.62 1.99 1.64 1.30 3.29 4.25 1.99 2.53 2.55	A 95.5 0.696 +0.3 +0.004												
13221+3952	1	F CB	A	A 65231 B 65231	9.186 11.491	0.040 0.336				200.517 418 15 +39.868 839 94 200.517 498 74 +39.868 853 16	6.66 6.66	-69.13 -69.13	-11.78 -11.78	4.91 8.53 2.09 1.31 1.38 30.53 61.46 2.09 1.31 1.38	A 78 0.23												
13223+2631	1	F CA	A	A 65249 B 65249	9.087 10.923	0.004 0.023	9.771 0.018 10.465 0.055	8.940 0.013 9.860 0.049		200.575 047 88 +26.519 390 26 200.575 594 94 +26.519 609 78	6.71 6.71	-57.60 -57.60	23.00 23.00	1.46 1.08 2.05 1.73 1.15 8.18 6.20 2.05 1.73 1.15	A 65.8 1.93												
13224+1030	1	F CA	A	A 65254 B 65254	11.100 12.644	0.016 0.063	11.601 0.112	10.861 0.088		200.604 480 91 +10.500 552 68 200.605 197 61 +10.501 034 87	-0.42 -0.42	26.57 26.57	-21.71 -21.71	4.60 2.53 4.75 4.64 2.14 23.09 12.82 4.75 4.64 2.14	A 55.6 3.07												
13225+4242	1	F CA	A	A 65267 B 65267	9.315 10.097	0.024 0.050				200.635 879 95 +42.703 315 89 200.635 916 27 +42.703 245 69	6.81 6.81	5.59 5.59	-48.16 -48.16	2.95 3.31 1.36 0.90 1.02 7.33 6.41 1.36 0.90 1.02	A 159 0.270												
13225-5027	1	F CB	A	A 65260 B 65260	8.997 11.386	0.057 0.512				200.620 009 62 -50.452 681 94 200.620 090 85 -50.452 723 39	1.37 1.37	-28.59 -28.59	-6.92 -6.92	4.38 4.22 1.64 1.17 1.08 49.31 43.39 1.64 1.17 1.08	A 129 0.24												
13225-6018	1	F CA	A	A 65258 B 65258	9.615 10.861	0.011 0.033	10.071 0.021	9.378 0.018		200.615 630 65 -60.292 723 22 200.616 008 13 -60.292 470 00	4.18 4.18	-31.32 -31.32	-14.14 -14.14	1.80 2.01 3.18 2.00 2.02 8.25 8.25 3.18 2.00 2.02	A 36.5 1.13												
13226-2257	1	INC	A	A 65266 B 65269	8.259 8.477	0.034 0.038	8.734 0.019	8.131 0.017		200.634 748 23 -22.952 817 20 200.642 151 08 -22.952 045 86	13.65 27.25	-26.06 -39.88	10.44 -17.36	4.16 3.15 3.37 4.32 2.94 15.06 16.50 7.02 7.16 6.58	A 83.55 24.70 +0.06 -0.02												
13229-4757	1	F CA	A	A 65288 B 65288	6.834 7.168	0.004 0.006				200.718 744 90 -47.943 219 27 200.718 490 24 -47.943 312 97	3.28 3.28	16.53 16.53	-0.70 -0.70	1.61 1.05 1.46 1.77 0.84 2.77 2.27 1.46 1.77 0.84	A 241.2 0.701												
13229-7209	1	F CA	A	A 65289 B 65289	6.278 8.034	0.020 0.100				200.719 278 65 -72.146 679 56 200.719 126 72 -72.146 646 37	4.37 4.37	-17.73 -17.73	-15.46 -15.46	1.90 1.72 0.62 0.60 0.54 8.44 8.77 0.62 0.60 0.54	A 305 0.21												
13233+0344	1	F CB	A	A 65320 B 65320	9.894 12.853	0.008 0.120	11.478 0.084	9.800 0.030		200.815 534 90 +3.729 779 47 200.816 404 97 +3.730 755 56	1.87 1.87	-21.32 -21.32	25.14 25.14	1.70 1.28 1.88 1.68 1.12 42.28 24.92 1.88 1.68 1.12	A 41.7 4.70												
13233-1456	1	F CA	A	A 65319 B 65319	8.644 8.777	0.005 0.006	9.128 0.031	8.580 0.030		200.814 508 35 -14.926 752 09 200.813 422 59 -14.926 584 99	6.91 6.91	85.79 85.79	-98.31 -98.31	2.57 1.77 2.88 2.81 1.60 3.65 2.38 2.88 2.81 1.60	A 279.05 3.824												
13234+5754	1	F CC	A	A 65327 B 65327	9.926 12.258	0.080 0.687				200.846 492 12 +57.906 164 46 200.846 467 45 +57.906 107 42	39.84 39.84	127.49 127.49	-4.82 -4.82	3.26 8.30 1.44 1.63 1.34 41.83 56.93 1.44 1.63 1.34	A 193 0.21												
13235+2914	1	L CA	A	A 65343 B 65343	9.520 9.946	0.010 0.014	10.278 0.043 10.454 0.176	9.189 0.028 9.535 0.068		200.887 905 39 +29.236 885 93 200.888 314 05 +29.236 962 73	53.97 53.97	-468.32 -451.62	244.68 233.96	2.17 1.71 2.13 2.11 1.50 6.17 3.76 2.13 4.53 2.39	A 77.8 1.31 +0.6 +0.01												



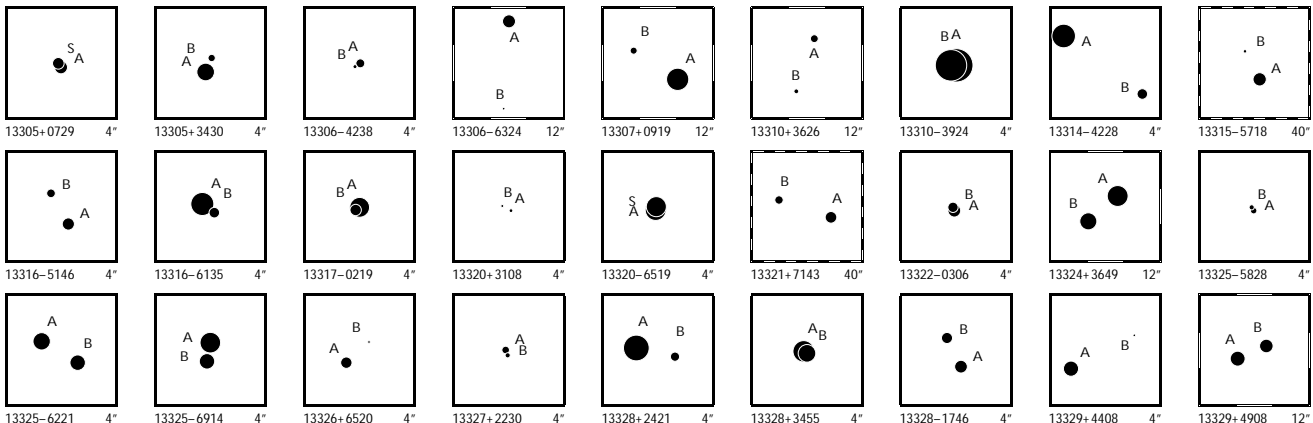
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13237+0243	1	I CA	A 65352 B 65355	7.213 0.004 7.515 0.005		8.393 0.010	7.400 0.008	200.913 110 92 200.920 173 88	+2.722 842 28 -2.724 785 37	62.41 59.56	13.40 198.62 4.58 202.86	1.48 1.13 1.41 1.39 1.00 3.24 2.40 2.59 2.64 1.99	A	74.60	26.344	-0.01	-0.007									
13237+1257	1	F CA	A 65358 B 65358	9.593 0.025 10.937 0.085				200.927 269 39 200.927 315 26	+12.947 347 74 +12.947 406 29	6.17 6.17	-17.56 3.14 -17.56 3.14	3.10 2.66 1.56 1.56 0.72 10.63 8.16 1.56 1.56 0.72	A	37	0.27											
13237-0043	1	L CA	A 65360 B 65360	9.504 0.005 10.028 0.009				200.929 967 56 200.929 918 97	-0.719 129 40 -0.719 340 09	10.96 10.96	-49.32 -18.19 -51.49 -25.66	4.71 2.26 4.13 3.74 1.74 7.84 3.48 4.13 5.62 2.43	A	193.0	0.778	0.0	+0.008									
13240+5456	1	F CA	A 65378 C 65378	2.254 0.009 3.872 0.028	2.290 0.002 4.055 0.005	2.227 0.003 3.878 0.005		200.980 916 04 200.984 194 69	+54.925 415 25 +54.921 876 93	41.73 41.73	121.23 -22.01 121.23 -22.01	0.49 0.51 0.61 0.48 0.48 8.03 7.71 0.61 0.48 0.48	A	151.96	14.43											
13240-2055	1	F CA	A 65381 B 65381	6.643 0.028 10.470 0.082		7.909 0.007 11.180 0.183	6.604 0.005 10.108 0.111	200.987 938 54 200.988 312 55	-20.924 538 37 -20.923 424 03	6.90 6.90	-37.39 -19.90 -37.39 -19.90	0.83 0.57 0.84 0.89 0.56 26.68 17.73 0.84 0.89 0.56	A	17.4	4.20											
13240-2822	1	F CC	A 65382 B 65382	8.227 0.007 12.070 0.225		9.685 0.023	8.164 0.012	200.988 786 32 200.989 886 93	-28.370 735 70 -28.370 565 76	1.88 1.88	4.16 1.77 4.16 1.77	1.43 1.12 1.45 1.58 1.04 67.35 49.92 1.45 1.58 1.04	A	80	3.54											
13242-0206	1	I CB	A 65399 B 65397	8.421 0.026 10.069 0.090		9.071 0.018 10.364 0.063	8.336 0.016 9.982 0.075	201.061 070 84 201.054 177 51	-2.107 340 01 -2.108 269 15	6.93 7.75	-3.77 -15.77 -2.48 -13.70	2.43 1.54 2.03 2.15 1.36 135.37 47.25 7.46 7.71 4.81	A	262.32	25.02	0.00	0.00									
13243+0124	1	L CA	A 65405 B 65405	7.879 0.004 8.291 0.005				201.076 673 05 201.076 652 44	+1.399 747 22 +1.400 037 24	8.14 8.14	-26.42 -10.19 -24.28 -14.08	1.82 1.16 1.60 1.55 0.92 3.16 2.42 1.60 2.01 1.39	A	355.9	1.047	+0.1	-0.004									
13244-0419	1	F CC	A 65414 B 65414	7.020 0.005 10.847 0.159				201.108 810 57 201.108 714 16	-4.308 631 28 -4.308 688 77	8.43 8.43	-83.86 -142.34 -83.86 -142.34	1.46 1.13 1.16 1.34 0.92 42.87 39.22 1.16 1.34 0.92	A	239	0.40											
13247-6843	1	F CA	A 65439 B 65439	9.431 0.021 9.775 0.029				201.171 510 10 201.171 732 24	-68.719 946 37 -68.719 968 45	3.91 3.91	-44.62 -20.54 -44.62 -20.54	2.63 2.04 1.32 1.13 0.97 3.93 3.89 1.32 1.13 0.97	A	105	0.301											
13251+4411	1	F CA	A 65464 B 65464	11.277 0.013 11.633 0.018		11.926 0.096	11.037 0.074	201.272 266 77 201.272 305 14	+44.190 776 30 +44.191 166 86	7.21 8.21	-11.99 17.13 -11.99 17.13	4.78 5.95 4.52 4.00 3.41 6.77 8.59 4.52 4.00 3.41	A	4.0	1.41											
13251-1538	1	F CA	A 65463 B 65463	7.951 0.003 10.040 0.017		8.137 0.009 10.015 0.064	7.891 0.009 9.452 0.034	201.265 646 40 201.266 009 09	-15.632 324 18 -15.631 896 05	8.42 8.42	-45.68 -6.80 -45.68 -6.80	1.34 0.85 1.26 1.50 0.85 9.20 6.58 1.26 1.50 0.85	A	39.2	1.99											
13253+7559	1	F CB	A 65489 S 65489	9.062 0.258 9.598 0.423				201.337 037 29 201.337 010 67	+75.982 736 26 +75.982 704 29	2.68 2.68	-8.21 -1.74 -8.21 -1.74	6.86 16.39 0.73 0.65 0.73 15.65 19.02 0.73 0.65 0.73	A	191	0.12											
13254-0735	1	F CA	A 65491 B 65491	8.779 0.007 9.833 0.017		9.126 0.018 10.091 0.056	8.651 0.018 9.535 0.054	201.337 605 45 201.339 244 80	-7.584 047 45 -7.583 689 15	7.51 7.51	20.79 -36.35 20.79 -36.35	2.18 1.47 2.75 2.69 1.38 5.73 3.75 2.75 2.69 1.38	A	77.57	5.99											
13256-3739	1	F CA	A 65506 B 65506	9.969 0.008 11.472 0.030		10.672 0.041	9.847 0.031	201.398 963 34 201.399 362 24	-37.654 337 52 -37.654 666 83	4.06 4.06	-71.19 -30.75 -71.19 -30.75	1.99 1.72 2.36 2.17 1.62 9.68 9.67 2.36 2.17 1.62	A	136.2	1.64											
13258+4430	1	L CA	A 65518 B 65518	9.011 0.017 9.320 0.023				201.450 507 64 201.450 446 79	+44.493 971 28 +44.494 054 31	20.40 20.40	10.63 -23.70 32.56 9.02	2.16 2.75 1.53 1.59 1.62 3.94 4.34 1.53 2.56 2.46	A	332	0.337	+6	+0.019									
13258+5204	1	F CB	A 65523 B 65523	10.404 0.011 12.825 0.102		10.906 0.047	10.346 0.046	201.461 004 78 201.460 282 37	+52.073 827 90 +52.075 073 42	6.45 6.45	-6.19 -14.48 -6.19 -14.48	1.97 2.01 2.33 2.41 2.34 34.43 35.68 2.33 2.41 2.34	A	340.4	4.76											
13261+3509	1	F CA	A 65541 B 65541	9.742 0.007 11.203 0.025		10.192 0.021 11.205 0.057	9.573 0.019 10.449 0.048	201.536 918 12 201.535 799 42	+35.143 170 40 +35.143 546 07	8.07 8.07	4.63 18.69 4.63 18.69	1.55 1.29 1.87 1.68 1.31 7.12 6.83 1.87 1.68 1.31	A	292.3	3.56											
13261-3233	1	F CA	A 65539 B 65539	7.128 0.003 8.878 0.012				201.533 969 14 201.533 760 04	-32.547 270 80 -32.547 147 78	12.62 12.62	-48.84 -15.98 -48.84 -15.98	1.00 0.81 1.03 0.85 0.74 3.84 3.21 1.03 0.85 0.74	A	304.9	0.774											
13262-4603	1	F CA	A 65549 B 65549	9.036 0.010 9.676 0.019		9.660 0.020	8.766 0.015	201.560 288 83 201.559 815 01	-46.048 054 70 -46.048 234 17	8.26 8.26	-16.38 1.05 -16.38 1.05	2.88 2.30 2.91 2.49 2.45 12.80 5.12 2.91 2.49 2.45	A	241.4	1.35											
13264-4942	1	F CA	A 65554 B 65554	9.177 0.026 11.067 0.156				201.606 015 48 201.606 137 21	-49.699 367 43 -49.699 408 40	10.45 10.45	-183.96 -33.40 -183.96 -33.40	4.11 2.80 1.74 1.73 1.22 20.02 15.50 1.74 1.73 1.22	A	117	0.32											
13265+6152	1	F CA	A 65561 B 65561	8.401 0.005 11.695 0.089		8.835 0.011	8.339 0.011	201.632 162 75 201.633 345 57	+61.867 392 99 +61.867 211 83	6.98 6.98	-24.73 7.26 -24.73 7.26	0.94 1.00 1.04 1.13 1.03 31.37 27.58 1.04 1.13 1.03	A	108	2.11											
13265-7032	1	F CA	A 65559 B 65559	9.256 0.007 10.292 0.017		10.000 0.023 10.393 0.094	9.018 0.017 9.736 0.059	201.619 943 89 201.620 386 44	-70.540 026 03 -70.540 489 29	1.37 1.37	-8.35 -10.84 -8.35 -10.84	1.56 1.68 1.90 1.71 1.69 6.12 4.95 1.90 1.71 1.69	A	162.3	1.750											
13266+3235	1	F CA	A 65566 B 65566	10.583 0.032 10.809 0.040				201.646 548 45 201.646 602 23	+32.584 361 68 +32.584 282 54	1.26 1.26	-27.35 7.52 -27.35 7.52	3.57 3.50 2.22 2.01 1.63 6.95 5.17 2.22 2.01 1.63	A	150	0.33											
13268-7411	1	I CA	A 65585 B 65588	8.438 0.008 10.896 0.055		8.399 0.012 10.640 0.040	8.394 0.015 10.354 0.049	201.693 391 61 201.699 112 95	-74.188 811 48 -74.185 211 59	3.38 3.48	-8.52 -2.68 -21.67 -14.23	1.37 1.52 1.43 1.37 1.42 20.21 19.88 8.69 13.90 13.99	A	23.4	14.12	0.0	-0.02									
13269+1422	1	F CA	A 65589 B 65589	8.534 0.005 10.700 0.031		9.153 0.016 12.367 0.552	8.460 0.014 10.620 0.203	201.722 154 10 201.721 694 36	+14.373 088 72 +14.372 362 83	11.77 11.77	58.65 -165.91 58.65 -165.91	1.36 0.97 1.41 1.41 0.98 11.22 6.59 1.41 1.41 0.98	A	211.5	3.07											
13270-7710	1	F CB	A 65600 B 65600	9.711 0.010 12.840 0.167		10.083 0.021	9.654 0.023	201.748 344 11 201.746 631 39	-77.165 691 63 -77.166 170 57	5.76 5.76	19.34 -2.83 19.34 -2.83	1.36 1.36 1.59 1.39 1.56 34.30 34.61 1.59 1.39 1.56	A	218	2.20											



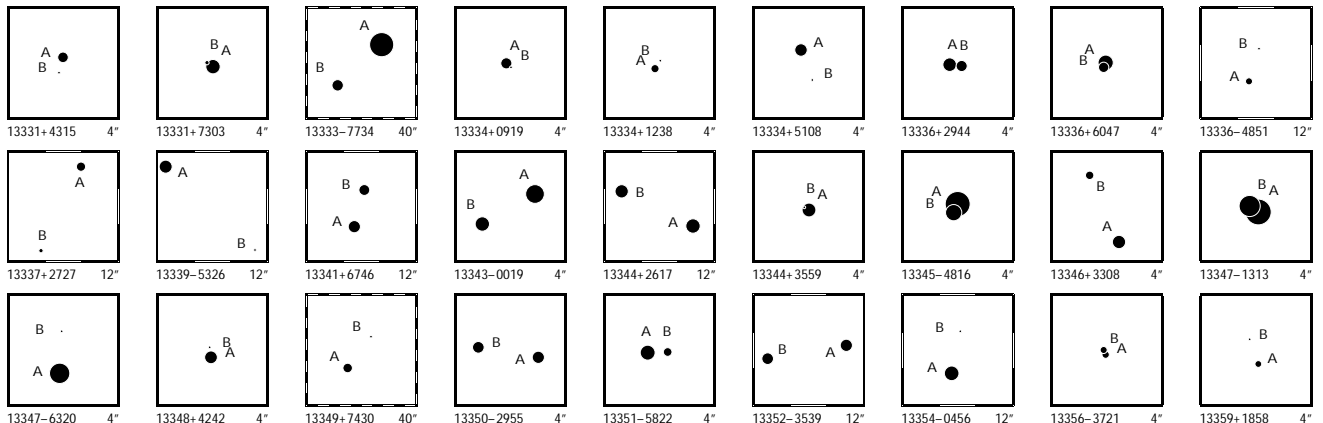
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13271-2222	1	L C B	A 65607 B 65607	8.927 0.009 9.018 0.010					201.782 791 72 -22.365 033 27 201.783 120 34 -22.365 298 63	10.67 10.67	-71.47 -2.08 -85.23 9.23	4.05 2.71 2.89 3.79 2.08 7.19 5.95 2.89 4.28 2.53	A 131.1 1.45 0.0 -0.02												
13271-4909	1	F C A	B 65606 A 65606	7.064 0.046 7.086 0.047				201.776 678 77 -49.143 720 16 201.776 652 41 -49.143 670 19	3.05 3.05	-14.83 -5.57 -14.83 -5.57	4.25 4.15 0.80 0.60 0.57 4.64 5.02 0.80 0.60 0.57	B 341 0.190													
13273-6505	1	F C A	A 65624 B 65624	9.049 0.008 11.111 0.050				201.819 382 70 -65.080 714 95 201.819 179 72 -65.080 630 93	1.21 1.21	-21.23 -9.41 -21.23 -9.41	1.71 1.73 1.72 1.55 1.34 12.76 13.54 1.72 1.55 1.34	A 314 0.43													
13274-6239	1	L C A	P A 65637 B 65637	7.717 0.007 10.651 0.084	7.781 0.005 9.873 0.043	7.703 0.006 9.655 0.086		201.854 443 08 -62.649 009 94 201.853 213 72 -62.648 943 10	0.67 0.67	-5.36 -0.74 9.14 35.02	0.96 0.98 1.29 0.98 0.80 16.96 20.17 1.29 11.38 10.14	A 276.7 2.05 +1.0 -0.01													
13275+5601	1	F C B	A 65645 C 65645	8.374 0.033 11.274 0.478				201.876 203 32 +56.022 618 10 201.876 187 60 +56.022 675 88	10.78 10.78	8.01 -31.05 8.01 -31.05	3.98 4.11 1.06 0.86 0.96 51.96 42.98 1.06 0.86 0.96	A 351 0.21													
13278+4746	1	I C A	A 65664 B 65664	9.404 0.016 10.045 0.025	10.594 0.042 10.477 0.037	9.304 0.025 10.031 0.038		201.940 520 06 +47.759 050 63 201.938 956 04 +47.763 072 63	0.81 -4.33	6.81 -39.94 4.42 -42.20	3.35 3.86 4.03 3.73 4.20 10.26 11.74 6.66 8.50 8.86	A 345.35 14.97 -0.01 0.00													
13279-3555	1	F C A	A 65671 B 65671	9.881 0.096 10.528 0.175				201.980 743 80 -35.923 485 72 201.980 809 47 -35.923 517 00	9.51 9.51	18.68 -70.92 18.68 -70.92	8.83 5.65 1.64 1.45 1.08 16.13 10.96 1.64 1.45 1.08	A 120 0.22													
13280+3235	1	F C A	A 65676 B 65676	8.917 0.007 10.955 0.042	9.062 0.012	8.790 0.014		201.997 057 16 +32.581 916 90 201.996 949 36 +32.582 212 41	2.91 2.91	-24.82 0.77 -24.82 0.77	1.40 1.19 1.66 1.79 1.16 12.68 11.45 1.66 1.79 1.16	A 343 1.11													
13280-5806	1	L C A	A 65679 B 65679	9.588 0.010 9.658 0.010	10.053 0.032 10.117 0.034	9.504 0.031 9.571 0.033		201.999 733 65 -58.102 802 84 201.999 965 67 -58.103 673 71	9.72 9.72	-42.18 -36.17 -36.90 -19.76	2.28 2.76 3.80 2.17 2.19 4.68 4.48 3.80 2.93 4.63	A 172.0 3.166 -0.1 -0.016													
13281-4346	1	F C A	A 65691 B 65691	7.485 0.009 9.838 0.078	8.799 0.014 9.898 0.032	7.458 0.008 9.342 0.034		202.024 015 55 -43.768 608 55 202.024 178 01 -43.769 262 87	5.10 5.10	-20.30 -14.49 -20.30 -14.49	1.49 1.26 1.69 1.66 1.30 15.64 21.02 1.69 1.66 1.30	A 169.8 2.39													
13283+0214	1	F C A	A 65704 B 65704	7.563 0.003 10.257 0.032	8.661 0.009	7.427 0.006		202.068 604 55 +2.235 919 37 202.068 936 23 +2.235 907 36	4.23 4.23	-25.57 -11.95 -25.57 -11.95	0.96 0.85 1.09 0.87 0.74 10.66 8.66 1.09 0.87 0.74	A 92.1 1.19													
13284+1543	1	L C A	A 65725 B 65725	8.022 0.004 8.514 0.006	8.425 0.011 8.983 0.014	7.894 0.013 8.331 0.014		202.111 315 61 +15.708 268 14 202.111 255 41 +15.708 829 29	18.07 18.07	-60.67 12.99 -54.96 13.69	1.48 1.22 1.51 1.20 0.95 3.37 2.43 1.51 1.91 1.39	A 354.10 2.031 +0.16 0.000													
13284-6752	1	F C A	A 65719 B 65719	7.359 0.003 9.003 0.015	7.692 0.008	7.294 0.008		202.097 968 26 -67.869 446 31 202.099 296 76 -67.870 070 71	6.54 6.54	-52.24 -12.38 -52.24 -12.38	0.79 0.76 0.98 0.97 0.76 5.31 5.32 0.98 0.97 0.76	A 141.3 2.881													
13286+5956	1	F C A	B 65756 C 65756	8.236 0.005 10.109 0.026	8.664 0.014	8.040 0.012		202.207 954 60 +59.928 170 32 202.208 492 57 +59.928 035 92	13.88 13.88	-77.42 33.04 -77.42 33.04	0.84 0.95 0.99 0.83 0.94 5.46 5.86 0.99 0.83 0.94	B 116.5 1.08													
13286-2306	1	F C B	A 65740 B 65740	12.473 0.111 12.972 0.176				202.136 793 51 -23.098 169 92 202.136 791 59 -23.098 256 55	21.76 21.76	236.92 -125.67 236.92 -125.67	8.16 9.99 4.98 7.17 4.59 34.45 25.37 4.98 7.17 4.59	A 181 0.31													
13287-6415	1	F C A	A 65752 B 65752	9.172 0.010 10.220 0.027				202.177 623 14 -64.252 295 70 202.177 448 56 -64.252 596 28	-0.77 -0.77	-4.71 -1.14 -4.71 -1.14	1.62 1.72 2.23 1.79 1.63 5.73 6.04 2.23 1.79 1.63	A 194.2 1.12													
13290+2913	1	F C A	A 65769 B 65769	11.479 0.016 11.680 0.019	11.759 0.116	11.253 0.114		202.258 619 16 +29.209 490 98 202.258 652 42 +29.209 023 03	3.09 3.09	-1.83 -0.56 -1.83 -0.56	3.51 3.46 4.49 4.59 3.29 7.16 6.62 4.49 4.59 3.29	A 176.5 1.69													
13291+1128	1	F C A	A 65780 B 65780	8.801 0.006 10.814 0.034	9.600 0.016	8.657 0.012		202.275 946 06 +11.470 002 88 202.275 482 88 +11.469 902 37	18.34 18.34	-194.23 -218.03 -194.23 -218.03	1.52 0.97 1.51 1.47 0.84 12.03 8.29 1.51 1.47 0.84	A 257.5 1.67													
13291+2212	1	F C A	A 65781 B 65781	8.300 0.004 11.209 0.055	8.791 0.014 11.334 0.102	8.237 0.013 10.845 0.113		202.276 281 80 +22.182 693 20 202.276 183 73 +22.181 035 59	14.71 14.71	-232.05 13.59 -232.05 13.59	1.27 0.82 1.24 1.28 0.80 18.13 12.41 1.24 1.28 0.80	A 183.1 5.98													
13291+5614	1	F C A	A 65774 B 65774	7.759 0.005 10.690 0.069	8.992 0.012 10.293 0.068	7.730 0.006 9.768 0.077		202.263 722 30 +56.233 179 37 202.264 739 71 +56.232 892 78	3.63 3.63	-10.10 20.22 -10.10 20.22	0.77 0.83 0.91 0.76 0.82 14.74 15.45 0.91 0.76 0.82	A 116.9 2.28													
13292+4926	1	F C C	A 65792 B 65792	10.107 0.240 11.553 0.911				202.308 268 07 +49.432 082 41 202.308 319 29 +49.432 065 48	0.43 0.43	5.85 33.00 5.85 33.00	14.69 6.15 1.26 1.17 1.07 47.93 43.54 1.26 1.17 1.07	A 117 0.13													
13292-5455	1	I C A	A 65795 B 65795	7.931 0.007 10.250 0.059	9.009 0.012 10.952 0.055	7.848 0.008 10.556 0.067		202.309 514 77 -54.917 738 79 202.316 571 35 -54.918 368 20	3.70 3.85	-16.51 -5.40 -23.16 -16.65	1.38 1.65 1.91 1.77 1.48 25.78 30.86 10.83 9.98 7.34	A 98.82 14.78 +0.05 0.00													
13292-6112	1	L C A	A 65786 B 65786	10.888 0.008 11.381 0.012				202.295 394 71 -61.200 325 50 202.295 668 58 -61.200 428 94	1.81 1.81	-0.39 -8.05 -8.78 3.96	5.06 4.48 5.40 4.61 4.15 9.57 8.83 5.40 6.70 5.43	A 128 0.604 0 -0.014													
13293+4847	1	L C A	A 65800 B 65800	11.113 0.017 11.872 0.033				202.317 894 21 +48.777 643 00 202.317 861 37 +48.777 512 06	12.52 12.52	-81.53 49.92 -81.86 33.31	3.28 4.68 3.67 3.23 3.65 12.04 10.48 3.67 8.74 5.74	A 189 0.48 0 +0.02													
13293-7214	1	F C B	A 65805 B 65805	9.187 0.011 12.596 0.253	9.252 0.013	9.136 0.016		202.333 210 45 -72.237 593 46 202.332 176 55 -72.237 369 48	1.28 1.28	-13.53 -6.14 -13.53 -6.14	1.33 1.44 1.58 1.48 1.64 46.93 46.40 1.58 1.48 1.64	A 305 1.39													
13294-1921	1	F C B	A 65809 B 65809	12.399 0.129 13.227 0.276				202.340 242 36 -19.358 202 17 202.340 301 35 -19.358 134 82	18.33 18.33	-262.82 -24.51 -262.82 -24.51	10.79 9.25 7.64 7.70 5.12 35.71 33.44 7.64 7.70 5.12	A 40 0.31													
13297-4611	1	F C A	A 65831 B 65831	7.468 0.009 10.651 0.161				202.424 778 86 -46.183 612 61 202.424 845 51 -46.183 521 45	1.94 1.94	-13.71 -0.67 -13.71 -0.67	1.40 1.68 1.18 0.91 1.04 24.18 24.53 1.18 0.91 1.04	A 27 0.37													



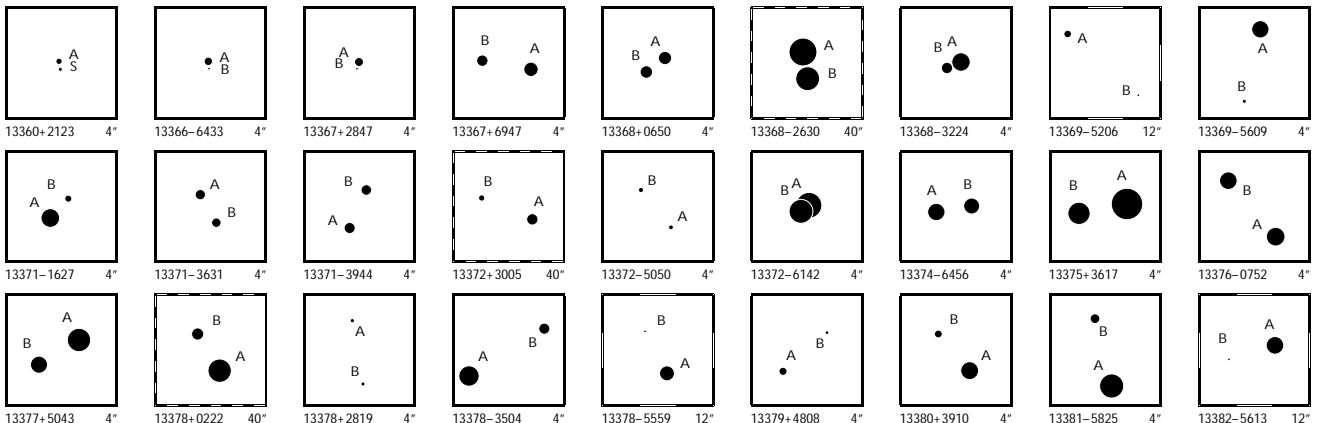
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
13305+0729	1	FCA	A 65897 S 65897	9.144 0.111 9.393 0.139				202.623 417 07 202.623 441 70	+7.486 109 94 +7.486 149 48	5.98 5.98	12.39 12.39	-30.68 -30.68	5.52 8.19 1.12 1.00 0.79 7.37 10.09 1.12 1.00 0.79	A 32	0.17												
13305+3430	1	FCA	A 65898 B 65898	8.088 0.003 10.390 0.025				202.625 109 80 202.625 037 83	+34.492 844 43 +34.492 984 90	6.77 6.77	32.46 32.46	-23.49 -23.49	0.90 0.82 1.16 0.90 0.71 7.80 4.78 1.16 0.90 0.71	A 337	0.549												
13306-4238	1	FCB	A 65906 B 65906	10.014 0.219 11.086 0.587				202.651 771 53 202.651 831 65	-42.630 674 96 -42.630 707 47	32.33 32.33	-132.41 -132.41	-115.14 -115.14	15.05 11.20 1.58 1.19 1.69 48.90 36.35 1.58 1.19 1.69	A 126	0.20												
13306-6324	1	FCB	A 65909 B 65909	9.142 0.008 11.904 0.102	9.644 0.017	9.074 0.016		202.658 941 23 202.659 324 74	-63.398 553 40 -63.401 249 16	0.72 0.72	-5.99 -5.99	-5.51 -5.51	1.42 1.53 2.18 1.55 1.55 32.08 34.48 2.18 1.55 1.55	A 176.4	9.72												
13307+0919	1	FCA	A 65911 B 65911	7.093 0.004 10.414 0.079	8.295 0.010 10.846 0.080	7.038 0.005 10.270 0.083		202.663 076 96 202.664 457 67	+9.316 858 75 +9.317 732 24	5.17 5.17	-15.54 -15.54	-18.34 -18.34	1.03 0.71 1.13 0.99 0.61 26.80 14.98 1.13 0.99 0.61	A 57.3	5.83												
13310+3626	1	FFC	A 65937 B 65937	10.279 0.010 10.937 0.017	11.247 0.079	10.086 0.046 10.733 0.095		202.752 265 39 202.752 939 69	+36.441 071 19 +36.439 446 01	24.41 24.41	-130.36 -130.36	-11.51 -11.51	8.41 10.91 8.11 7.52 12.17 11.84 16.07 8.11 7.52 12.17	A 161.5	6.17												
13310-3924	1	FCA	A 65936 B 65936	4.636 0.026 5.032 0.038				202.761 087 07 202.761 164 05	-39.407 276 51 -39.407 284 62	2.60 2.60	-15.65 -15.65	-11.25 -11.25	3.12 1.36 0.75 0.64 0.46 3.91 2.39 0.75 0.64 0.46	A 98	0.216												
13314-4228	1	FCA	A 65955 B 65955	6.803 0.004 9.647 0.051	7.915 0.010 9.836 0.063	6.731 0.006 9.237 0.056		202.843 729 99 202.842 627 60	-42.464 706 70 -42.465 306 55	8.70 8.70	21.96 21.96	-18.41 -18.41	0.82 0.84 1.06 0.83 1.21 18.28 11.62 1.06 0.83 1.21	A 233.6	3.64												
13315-5718	1	ICA	A 65966 B 65966	9.089 0.008 11.236 0.052	10.308 0.029	9.050 0.017 10.749 0.091		202.881 248 86 202.884 094 31	-57.297 906 97 -57.295 104 16	4.24 6.50	-24.94 12.96	-5.02 0.61	2.04 2.18 2.25 2.18 1.95 18.57 21.79 10.18 19.51 13.89	A 28.7	11.51	+0.2	+0.02										
13316-5146	1	LCB	A 65977 B 65977	9.317 0.021 10.059 0.031	9.132 0.013	9.175 0.018		202.906 984 38 202.907 270 51	-51.771 575 28 -51.771 267 92	2.45 2.45	-3.48 3.18	-4.87 4.19	2.67 2.23 2.81 2.61 1.61 6.26 6.65 2.81 4.08 3.26	A 29.9	1.277	+0.1	+0.011										
13316-6135	1	FCB	A 65970 B 65970	6.894 0.013 9.676 0.086				202.889 238 05 202.888 965 49	-61.582 360 00 -61.582 452 66	0.75 0.75	-3.96 -3.96	-0.62 -0.62	0.85 0.95 1.28 0.80 0.91 12.34 14.78 1.28 0.80 0.91	A 234	0.57												
13317-0219	1	FNC	A 65982 B 65982	7.647 0.190 9.482 1.030				202.918 478 78 202.918 518 22	-2.318 042 19 -2.318 066 69	32.35 32.35	-854.52 -854.52	267.70 267.70	8.82 5.57 1.77 2.07 1.15 90.61 56.58 1.77 2.07 1.15	A 122	0.17												
13320+3108	1	LCA	A 66008 B 66008	11.141 0.046 11.367 0.056				202.993 085 50 202.993 178 96	+31.134 561 10 +31.134 605 82	32.05 32.05	-133.39 -145.13	15.54 60.90	5.72 6.16 2.96 4.62 4.39 9.72 13.20 2.96 7.37 7.53	A 61	0.33	-8	+0.01										
13320-6519	1	FCA	A 66005 B 66005	7.358 0.133 7.540 0.158				202.990 952 24 202.990 949 78	-65.321 834 95 -65.321 798 63	12.14 12.14	-62.36 -62.36	-12.23 -12.23	4.25 9.95 0.68 0.56 0.57 5.05 7.72 0.68 0.56 0.57	A 358	0.131												
13321+7143	1	ICA	A 66011 B 66020	9.391 0.046 10.146 0.080	9.886 0.024 10.565 0.034	9.276 0.021 9.943 0.030		203.006 764 36 203.023 791 82	+71.717 042 46 +71.718 857 08	8.88 7.06	34.82 21.35	-17.80 -23.45	2.98 2.91 2.59 2.74 2.97 16.25 15.80 5.29 9.82 11.51	A 71.23	20.31	0.00	-0.01										
13322-0306	1	FCA	A 66024 B 66024	9.171 0.136 9.702 0.222				203.045 864 37 203.045 879 14	-3.100 718 44 -3.100 682 19	-2.59 -2.59	16.20 16.20	-7.63 -7.63	4.85 10.30 1.10 1.29 0.63 8.75 10.68 1.10 1.29 0.63	A 22	0.141												
13324+3649	1	FCA	A 66042 B 66042	7.383 0.004 8.208 0.007	8.382 0.011 8.565 0.019	7.290 0.009 8.103 0.019		203.091 646 62 203.092 772 26	+36.818 221 20 +36.817 448 27	4.93 4.93	18.04 18.04	-19.60 -19.60	0.91 0.92 1.20 0.89 0.89 2.15 2.78 1.20 0.89 0.89	A 130.62	4.274												
13325-5828	1	FCF	A 66054 B 66054	10.539 0.635 10.855 0.850				203.130 374 99 203.130 418 16	-58.461 228 58 -58.461 191 01	-0.82 -0.82	-4.88 -4.88	-4.33 -4.33	16.67 28.99 1.89 1.47 1.30 49.74 71.32 1.89 1.47 1.30	A 31	0.16												
13325-6221	1	LCA	A 66056 B 66056	8.148 0.005 8.595 0.007	8.010 0.017 8.457 0.015	7.972 0.016 8.411 0.016		203.133 620 78 203.132 822 64	-62.344 133 16 -62.344 351 45	2.90 2.90	-13.96 -18.92	-5.31 -3.43	1.09 1.33 1.57 1.10 1.17 2.81 3.27 1.57 2.62 2.62	A 239.5	1.548	+0.2	+0.003										
13325-6914	1	FCA	A 66057 B 66057	7.420 0.003 8.586 0.008				203.136 542 87 203.136 634 27	-69.231 693 19 -69.231 881 93	7.96 7.96	2.45 2.45	2.14 2.14	0.77 0.94 1.09 0.80 0.91 3.54 2.86 1.09 0.80 0.91	A 170.3	0.689												
13326+6520	1	FCA	A 66062 B 66062	9.479 0.008 11.615 0.054	9.948 0.024	9.322 0.021		203.144 765 41 203.144 195 09	+65.339 089 76 +65.339 307 86	7.79 7.79	-3.26 -3.26	19.77 19.77	1.26 1.32 1.34 1.23 1.40 12.29 10.71 1.34 1.23 1.40	A 313	1.16												
13327+2230	1	FCA	A 66072 B 66072	10.333 0.078 10.837 0.124				203.174 071 33 203.174 049 94	+22.502 039 24 +22.501 987 26	21.55 21.55	-132.70 -132.70	-71.52 -71.52	5.77 6.87 1.95 1.72 1.17 11.86 10.33 1.95 1.72 1.17	A 201	0.20												
13328+2421	1	FND	A 66086 B 66086	6.283 0.005 9.946 0.148	7.346 0.007	6.205 0.004		203.200 717 97 203.200 287 90	+24.347 209 81 +24.347 121 80	6.94 6.94	66.50 66.50	-192.22 -192.22	1.21 0.89 1.23 1.26 0.79 30.09 23.17 1.23 1.26 0.79	A 257	1.45												
13328+3455	1	FFD	A 66089 B 66089	7.273 0.167 8.081 0.351				203.212 588 30 203.212 545 73	+34.907 174 92 +34.907 150 05	5.73 5.73	-42.86 -42.86	-12.39 -12.39	24.16 13.20 0.74 0.56 0.44 44.70 21.75 0.74 0.56 0.44	A 235	0.15												
13328-1746	1	FCA	A 66078 B 66078	9.150 0.024 9.531 0.031				203.192 317 76 203.192 469 06	-17.758 964 89 -17.758 670 24	8.33 8.33	-31.06 -31.06	-46.57 -46.57	3.29 2.50 3.18 3.80 2.02 8.31 5.81 3.18 3.80 2.02	A 26.1	1.18												
13329+4408	1	FND	A 66093 B 66093	8.662 0.005 11.950 0.105	8.937 0.010	8.598 0.010		203.224 178 90 203.223 272 44	+44.130 244 22 +44.130 581 35	3.52 3.52	-7.90 -7.90	3.50 3.50	0.93 0.99 1.29 1.00 0.95 23.61 25.14 1.29 1.00 0.95	A 297	2.64												
13329+4908	1	LCA	A 66090 B 66090	8.721 0.007 8.985 0.008	9.245 0.027 9.447 0.043	8.639 0.025 8.924 0.041		203.214 850 04 203.213 501 21	+49.140 126 39 +49.140 530 07	12.86 12.86	-48.73 -47.21	-22.00 -30.91	1.65 1.72 1.80 1.63 1.40 3.56 3.51 1.80 2.91 2.42	A 294.58	3.493	-0.12	-0.005										



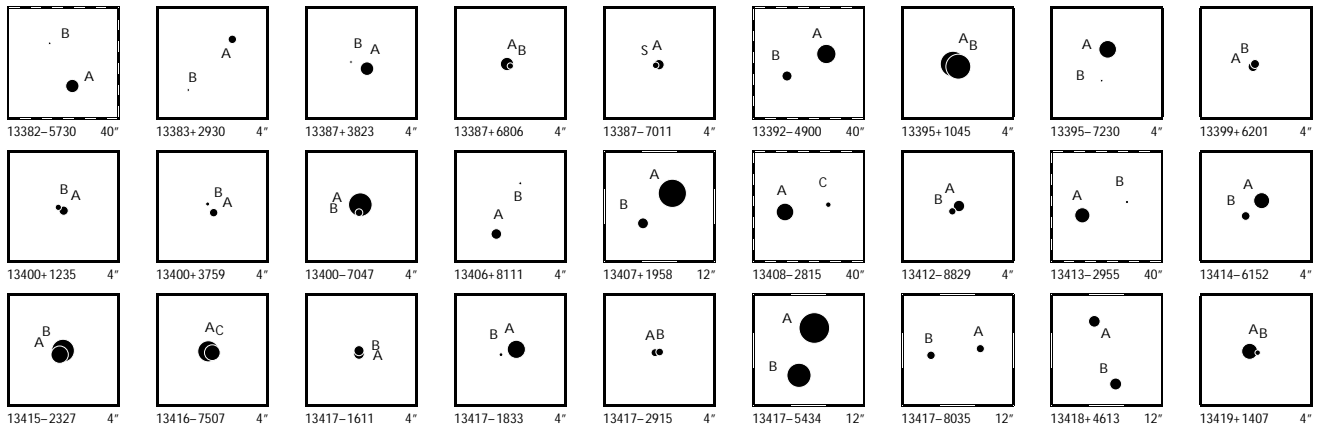
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
13331+4315	1	F CA	A 66110 B 66110	9.633 11.823	0.008 0.061				203.284 131 51 203.284 182 19	+43.252 900 99 +43.252 744 63	30.52 30.52	20.20 20.20	-57.50 -57.50	1.45 15.30	1.89 14.00	1.93 1.93	1.53 1.53	1.72 1.72	A	167	0.58					
13331+7303	1	F CA	A 66106 B 66106	8.815 11.039	0.018 0.136				203.266 364 49 203.266 591 05	+73.052 801 41 +73.052 842 18	3.15 3.15	-16.84 -16.84	-0.72 -0.72	2.53 15.00	1.76 12.73	0.86 0.86	1.17 1.17	0.89 0.89	A	58	0.28					
13333-7734	1	IND D	A 66121 B 66125	6.630 9.506	0.026 0.287	7.055 10.291	0.004 0.049	6.559 9.218	0.004 0.030	203.311 065 87 203.331 910 05	-77.569 018 64 -77.573 215 42	28.45 52.09	-367.08 -350.49	-152.10 -117.55	1.16 70.95	1.16 76.04	1.13 39.91	1.31 45.28	1.28 48.68	A	133.1	22.12	-0.1	-0.01		
13334+0919	1	F CC	A 66132 B 66132	9.512 11.492	0.126 0.781				203.357 965 14 203.357 924 03	+9.323 763 83 +9.323 731 26	12.75 12.75	-27.09 -27.09	17.35 17.35	8.83 76.07	14.13 65.84	1.46 1.46	1.30 1.30	0.95 0.95	A	231	0.19					
13334+1238	1	F ND D	A 66134 B 66134	10.177 13.306	0.027 0.488				203.359 704 81 203.359 655 19	+12.626 107 18 +12.626 189 71	3.67 3.67	-8.23 -8.23	-4.02 -4.02	2.47 95.42	2.00 72.46	2.08 2.08	1.84 1.84	1.25 1.25	A	330	0.34					
13334+5108	1	F CA	A 66133 B 66133	9.248 11.924	0.007 0.080	9.474	0.014	9.159	0.015	203.358 055 42 203.357 881 35	+51.127 096 73 +51.126 790 50	5.13 5.13	9.90 9.90	4.00 4.00	1.14 18.10	1.20 18.52	1.37 1.37	1.25 1.25	1.20 1.20	A	200	1.17				
13336+2944	1	F CA	A 66149 B 66149	9.009 9.512	0.007 0.012				203.390 842 80 203.390 708 10	+29.737 875 13 +29.737 857 73	7.92 7.92	-55.22 -55.22	64.74 64.74	2.06 3.68	1.53 3.61	1.84 1.84	2.15 2.15	1.06 1.06	A	262	0.426					
13336+6047	1	F CA P	A 66158 B 66158	8.650 9.701	0.101 0.265				203.412 418 09 203.412 456 66	+60.787 360 51 +60.787 319 30	1.94 1.94	-10.95 -10.95	8.36 8.36	4.55 11.71	7.55 17.33	0.86 0.86	0.69 0.69	0.72 0.72	A	155	0.16					
13336-4851	1	F CA	A 66156 B 66156	10.414 12.124	0.012 0.057	10.795	0.049	10.279	0.049	203.409 490 83 203.409 075 22	-48.849 472 17 -48.848 461 86	1.93 1.93	7.54 7.54	-0.68 -0.68	2.36 14.98	2.04 19.12	2.52 2.52	1.83 1.83	A	344.9	3.77					
13337+2727	1	F CA	A 66162 B 66162	9.938 11.028	0.008 0.020	10.644	0.039	9.906	0.032	203.435 111 85 203.436 517 53	+27.450 186 53 +27.447 599 63	12.05 12.05	-52.77 -52.77	-19.90 -19.90	2.12 7.49	2.08 7.32	3.32 3.32	2.54 2.54	1.98 1.98	A	154.26	10.34				
13339-5326	1	IND D	A 66183 B 66182	9.107 13.255	0.012 0.540	9.928	0.021	9.062	0.017	203.470 501 77 203.465 867 42	-53.429 213 32 -53.431 787 43	1.93 59.10	-2.12 219.59	-1.39 -150.35	1.88 172.35	1.81 159.90	2.11 114.46	2.12 210.55	1.47 79.67	A	227.0	13.59	-1.1	-0.06		
13341+6746	1	F CA	A 66195 B 66195	9.312 9.585	0.006 0.008	9.827	0.019	9.147	0.017	203.526 278 39 203.525 491 86	+67.768 811 34 +67.769 952 86	15.40 15.40	-180.19 -180.19	22.29 22.29	1.71 3.30	1.69 3.08	1.75 1.75	1.56 1.56	1.85 1.85	A	345.39	4.247				
13343-0019	1	L CA	A 66212 B 66212	7.865 8.811	0.007 0.013	8.695	0.017	7.617	0.012	203.568 236 95 203.568 775 79	-0.313 838 82 -0.314 147 91	41.03 41.03	-204.69 -233.95	25.28 9.86	1.87 5.23	1.51 3.24	1.87 1.87	1.75 4.27	1.26 2.24	A	119.84	2.236	+0.72	-0.018		
13344+2617	1	F CA	A 66225 B 66225	8.817 9.078	0.010 0.013	9.195	0.018	8.738	0.018	203.599 173 46 203.601 609 90	+26.276 133 02 +26.277 194 39	7.79 7.79	10.42 10.42	0.74 0.74	1.80 4.71	1.70 3.80	2.01 2.01	1.71 1.71	1.56 1.56	A	64.09	8.74				
13344+3559	1	F CC	A 66232 B 66232	8.967 11.780	0.110 1.470					203.611 282 12 203.611 340 89	+35.987 147 50 +35.987 178 57	4.89 4.89	11.92 11.92	-11.04 -11.04	22.54 73.60	5.57 74.09	1.88 1.88	1.66 1.66	1.16 1.16	A	57	0.20				
13345-4816	1	F CA	A 66236 B 66236	6.479 8.413	0.004 0.022	203.620	775 14	-48.272	145 54	4.49 4.49	-27.37 -27.37	-6.82 -6.82	1.16 7.80	0.93 4.06	0.94 0.94	0.76 0.76	0.74 0.74	A	155	0.348						
13346+3308	1	F CA	A 66239 B 66239	9.086 10.141	0.006 0.014	9.411	0.013	8.940	0.016	203.644 413 22 203.644 770 21	+33.135 759 84 +33.136 445 15	7.72 7.72	48.47 48.47	-53.52 -53.52	1.35 5.16	1.14 3.74	1.81 1.81	1.56 1.56	1.07 1.07	A	23.6	2.692				
13347-1313	1	F CA	A 66247 B 66247	6.301 7.291	0.004 0.009	203.668	660 43	-13.214	305 91	6.43 6.43	-47.98 -47.98	-7.32 -7.32	1.30 3.66	0.87 2.38	1.06 1.06	1.06 1.06	0.65 0.65	A	54	0.370						
13347-6320	1	F CC	A 66253 B 66253	7.486 11.384	0.006 0.199	7.606	0.006	7.449	0.007	203.680 882 86 203.680 831 83	-63.335 445 43 -63.335 004 53	0.33 0.33	-4.94 -4.94	-3.23 -3.23	0.85 51.30	0.99 42.61	1.31 1.31	0.91 0.91	1.02 1.02	A	357	1.59				
13348+4242	1	F CA	A 66261 B 66261	9.161 12.075	0.014 0.198	203.708	843 12	+42.692	829 33	7.10 7.10	-59.02 -59.02	20.11 20.11	2.66 44.43	2.99 36.17	2.22 2.22	1.83 1.83	1.70 1.70	A	9	0.37						
13349+7430	1	F CC	A 66267 B 66267	9.905 13.241	0.015 0.311	11.342	0.069	9.923	0.033	203.727 561 03 203.718 916 17	+74.500 449 06 +74.503 672 03	22.27 22.27	-438.04 -438.04	-20.34 -20.34	1.28 68.49	1.28 67.07	1.34 1.34	1.38 1.38	1.33 1.33	A	324.4	14.27				
13350-2955	1	F CA	A 66273 B 66273	9.315 9.438	0.010 0.011	9.727	0.035	9.067	0.031	203.739 328 01 203.740 034 34	-29.923 305 49 -29.923 206 59	12.69 12.69	-64.35 -64.35	-15.01 -15.01	2.98 5.14	2.07 3.40	2.86 2.86	3.01 3.01	1.96 1.96	A	80.8	2.23				
13351-5822	1	F CA	A 66285 B 66285	8.721 10.052	0.007 0.022	203.783	875 29	-58.366	444 54	10.91 10.91	-35.07 -35.07	-14.11 -14.11	1.47 5.98	1.62 6.32	2.01 2.01	1.61 1.61	1.65 1.65	A	272.1	0.76						
13352-3539	1	F CA	A 66295 B 66295	9.291 9.427	0.011 0.012	9.649	0.027	9.183	0.027	203.808 027 26 203.811 003 63	-35.648 675 14 -35.649 096 83	-0.98 -0.98	-19.00 -19.00	-6.70 -6.70	2.47 5.42	2.21 3.67	2.83 2.83	2.47 2.47	1.93 1.93	A	99.89	8.84				
13354-0456	1	F CA	A 66311 B 66311	8.763 11.773	0.006 0.099	9.182	0.017	8.699	0.017	203.852 135 23 203.851 891 07	-4.934 234 61 -4.932 971 54	6.22 6.22	-48.58 -48.58	-35.82 -35.82	1.40 24.93	1.13 21.02	1.46 1.46	1.32 1.32	1.00 1.00	A	349.1	4.63				
13356-3721	1	F CA	A 66325 B 66325	10.404 10.412	0.194 0.196	203.887	646 57	-37.350	893 49	8.90 8.90	14.25 14.25	-10.76 -10.76	9.41 9.76	13.19 15.98	1.62 1.62	1.64 1.64	0.96 0.96	A	29	0.18						
13359+1858	1	F CB	A 66348 B 66348	10.529 12.964	0.014 0.128	203.975	439 76	+18.972	839 65	7.64 7.64	7.68 7.68	3.95 3.95	3.05 46.98	2.10 31.81	2.99 2.99	3.13 3.13	2.08 2.08	A	18	0.96						



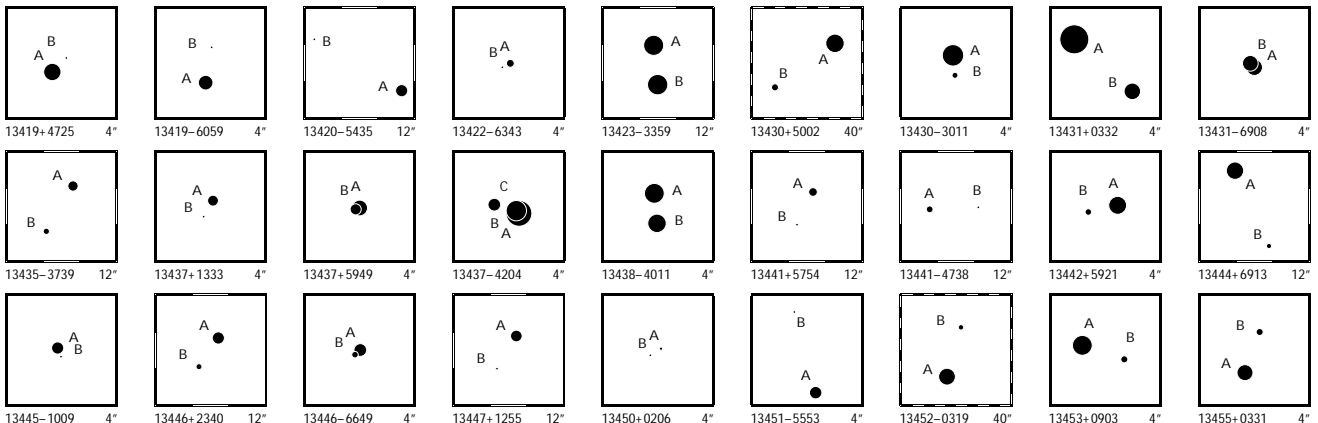
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
13360+2123	1	F CA	A 66352 S 66352	10.608 11.099	0.024 0.038					203.997 131 25 203.997 113 58	+21.391 645 42 +21.391 566 13	2.83 2.83	-21.39 -21.39	5.04 5.04	3.05 6.91	3.75 6.13	2.00 2.00	2.17 2.17	1.39 1.39					A 192	0.292		
13366-6433	1	F FC	A 66383 B 66383	10.154 11.431	0.107 0.322					204.153 771 15 204.153 758 20	-64.558 290 04 -64.558 369 84	-1.38 -1.38	-9.54 -9.54	-4.39 -4.39	7.64 26.47	21.79 36.04	2.82 2.82	2.20 2.20	2.14 2.14					A 184	0.29		
13367+2847	1	F CB	A 66387 B 66387	10.024 11.829	0.062 0.326					204.168 492 20 204.168 516 87	+28.776 967 90 +28.776 906 66	3.56 3.56	14.70 14.70	12.23 12.23	6.94 41.77	5.43 37.80	1.96 1.96	1.60 1.60	1.32 1.32					A 161	0.23		
13367+6947	1	F CA	A 66388 B 66388	8.824 9.503	0.006 0.010	9.128 9.727	0.015 0.031	8.635 9.196	0.014 0.023	204.174 331 48 204.175 780 20	+69.776 629 96 +69.776 715 14	10.43 10.43	-13.77 -13.77	32.75 32.75	1.61 3.51	1.47 3.76	1.55 1.55	1.83 1.83	1.58 1.58					A 80.3	1.829		
13368+0650	1	F CA	A 66392 B 66392	9.053 9.212	0.007 0.008					204.189 019 20 204.189 214 03	+6.832 121 71 +6.831 988 03	4.62 4.62	-43.51 -43.51	4.83 4.83	2.42 3.44	2.15 2.88	2.60 2.60	2.24 2.24	1.88 1.88					A 124.6	0.847		
13368-2630	1	I CA	A 66400 B 66398	5.799 6.741	0.006 0.013	5.999	0.004	5.747	0.005	204.202 122 06 204.201 545 59	-26.495 235 51 -26.498 013 75	8.44 7.65	-92.70 -91.03	15.43 16.20	2.09 6.88	1.43 4.46	1.29 2.71	2.63 5.60	1.36 2.59					A 190.52	10.173	-0.01	-0.001
13368-3224	1	F CA	A 66394 B 66394	7.935 9.460	0.005 0.018					204.194 574 35 204.194 750 55	-32.403 451 51 -32.403 518 15	9.50 9.50	10.03 10.03	-12.85 -12.85	1.25 4.82	0.80 3.33	1.25 1.25	1.11 1.11	0.71 0.71					A 114.1	0.587		
13369-5206	1	F FD	A 66408 B 66408	10.318 12.169	0.025 0.133	11.581	0.092	10.294	0.047	204.221 956 48 204.218 368 44	-52.104 866 64 -52.106 754 15	3.11 3.11	-7.94 -7.94	-11.63 -11.63	3.11 17.18	3.06 22.53	4.04 4.04	3.18 3.18	3.00 3.00					A 229.4	10.45		
13369-5609	1	F CA	A 66410 B 66410	8.184 11.091	0.006 0.087	9.065	0.013	8.129	0.010	204.228 931 20 204.229 208 62	-56.156 730 50 -56.157 469 37	9.76 9.76	-96.40 -96.40	-44.44 -44.44	0.98 14.01	1.29 23.81	1.49 1.49	1.04 1.04	1.14 1.14					A 168.2	2.72		
13371-1627	1	F CA	A 66423 B 66423	7.849 10.469	0.003 0.035					204.263 370 19 204.263 179 17	-16.447 072 20 -16.446 873 16	4.70 4.70	-13.97 -13.97	-18.13 -18.13	1.12 13.57	0.97 6.79	1.18 1.18	1.20 1.20	0.82 0.82					A 317	0.97		
13371-3631	1	L CA	A 66426 B 66426	9.731 9.906	0.011 0.012					204.273 851 17 204.273 641 74	-36.512 872 92 -36.513 161 65	11.73 11.73	-10.20 -5.10	-38.93 -20.53	2.98 5.77	2.38 4.74	2.80 2.80	2.58 4.11	1.73 2.64					A 210.2	1.203	+0.2	-0.018
13371-3944	1	F CA	A 66425 B 66425	9.519 9.673	0.014 0.016	10.296	0.040	9.186	0.025	204.270 202 64 204.269 985 90	-39.737 766 65 -39.737 373 10	0.53 0.53	-18.21 -18.21	-4.45 -4.45	2.42 6.06	2.28 3.97	3.01 3.01	2.38 2.38	2.00 2.00					A 337.0	1.539		
13372+3005	1	I CA	A 66439 B 66441	9.469 10.599	0.021 0.046	10.081	0.023	9.331	0.019	204.301 968 17 204.307 985 21	+30.085 011 86 +30.087 169 42	18.40 20.70	-156.62 -151.98	36.40 34.59	2.86 19.12	2.59 14.12	3.62 10.56	3.71 10.49	2.36 6.61					A 67.49	20.29	+0.01	0.00
13372-5050	1	F CA	A 66442 B 66442	10.874 10.928	0.010 0.010	10.412	0.053	9.885	0.058	204.311 926 85 204.311 428 14	-50.835 672 31 -50.836 058 45	3.19 3.19	22.84 22.84	-28.65 -28.65	4.01 5.69	6.31 8.05	5.94 5.94	3.19 3.19	5.31 5.31					B 219.2	1.79		
13372-6142	1	L CA	A 66438 B 66438	6.306 6.708	0.004 0.006					204.300 837 23 204.301 019 27	-61.691 571 97 -61.691 634 29	28.18 28.18	149.75 166.81	-116.81 -95.33	0.99 1.92	1.25 2.54	1.21 1.21	0.82 1.15	1.06 1.47					A 125.8	0.383	-4.1	+0.001
13374-6456	1	F CA	A 66457 B 66457	8.180 8.440	0.008 0.010					204.357 014 75 204.356 136 76	-64.935 753 53 -64.935 686 26	3.89 3.89	-8.81 -8.81	-2.06 -2.06	1.25 3.29	1.51 3.02	1.72 1.72	1.30 1.30	1.62 1.62					A 280.3	1.361		
13375+3617	1	L CA	A 66458 B 66458	5.022 7.067	0.002 0.012	5.179	0.006	4.936	0.006	204.365 403 78 204.366 011 59	+36.294 840 73 +36.294 740 71	17.01 17.01	-94.78 -91.50	23.63 32.68	0.59 3.73	0.55 4.23	0.70 0.70	0.49 1.93	0.46 1.65					A 101.5	1.800	-0.3	+0.001
13376-0752	1	F CA	A 66465 B 66465	7.841 8.100	0.005 0.006	8.872	0.014	7.762	0.009	204.396 658 44 204.397 143 27	-7.871 876 10 -7.871 303 35	3.45 3.45	-18.21 -18.21	-6.53 -6.53	1.70 4.05	1.12 1.75	1.67 1.67	2.11 1.10	1.10 1.10					A 40.0	2.691		
13377+5043	1	F CA	A 66475 B 66475	6.834 8.242	0.004 0.012	8.642	0.014	6.740	0.006	204.428 911 47 204.429 556 82	+50.714 829 53 +50.714 576 94	1.84 1.84	-11.25 -11.25	3.63 3.63	0.75 3.22	1.01 3.50	1.13 1.13	0.83 0.83	0.88 0.88					A 121.7	1.729		
13378+0222	1	I CA	A 66476 B 66477	6.828 9.302	0.009 0.075	8.183	0.012	6.781	0.007	204.433 357 10 204.435 663 05	+2.382 347 28 +2.386 106 32	4.04 6.04	-15.10 -22.83	-13.56 -13.05	1.97 30.99	1.47 24.11	1.67 11.24	1.91 13.15	1.42 8.12					A 315.0	15.87	-0.02	0.00
13378+2819	1	F CA	A 66480 B 66480	11.045 11.120	0.009 0.009	11.693	0.111	10.936	0.082	204.444 406 60 204.444 273 80	+28.323 218 23 -28.322 570 56	14.61 14.61	-132.63 -132.63	34.56 34.56	4.11 7.10	3.40 7.76	5.31 5.31	5.66 5.66	2.87 2.87					A 190.2	2.37		
13378-3504	1	F CA	A 66486 B 66486	7.480 9.553	0.004 0.023	8.108	0.010	7.384	0.009	204.450 636 84 204.449 694 35	-35.064 781 18 -35.064 302 17	29.78 29.78	-59.51 -59.51	-23.97 -23.97	1.03 7.23	0.79 6.77	1.18 1.18	1.14 1.14	0.79 0.79					A 301.8	3.27		
13378-5559	1	F CB	A 66483 B 66483	8.715 11.899	0.009 0.157	8.660	0.010	8.712	0.013	204.447 968 79 204.449 184 71	-55.985 454 90 -55.984 130 44	4.37 4.37	-13.03 -13.03	-6.21 -6.21	1.17 35.09	1.45 36.12	1.73 1.73	1.27 1.27	1.23 1.23					A 27.2	5.36		
13379+4808	1	L CA	A 66492 B 66492	10.202 11.186	0.009 0.021	11.865	0.097	10.193	0.034	204.464 293 47 204.463 622 04	+48.138 415 70 +48.138 817 05	45.66 45.66	-234.24 -209.00	-139.14 -133.53	2.27 8.25	2.63 9.87	2.72 2.72	2.06 6.44	2.18 7.50					A 311.9	2.17	+0.6	-0.02
13380+3910	1	F CA	A 66514 B 66514	8.046 10.257	0.003 0.024	8.677	0.009	7.906	0.007	204.508 845 21 204.509 255 29	+39.178 441 44 +39.178 816 61	20.97 20.97	-225.46 -225.46	-147.38 -147.38	0.71 5.88	0.81 6.99	1.06 1.06	0.72 0.72	0.76 0.76					A 40.3	1.77		
13381-5825	1	F CA	A 66521 B 66521	6.633 9.846	0.005 0.093	7.893	0.009	6.568	0.005	204.531 780 24 204.532 097 07	-58.414 581 37 -58.413 883 97	6.90 6.90	-0.80 -0.80	-26.77 -26.77	0.80 19.57	0.87 20.01	1.04 1.04	0.88 0.88	0.92 0.92					A 13.4	2.58		
13382-5613	1	F CB	A 66523 B 66523	8.102 11.439	0.010 0.217	8.074	0.008	8.069	0.010	204.536 988 65 204.539 518 83	-56.222 338 56 -56.222 760 55	1.46 1.46	-5.39 -5.39	-2.91 -2.91	1.19 32.46	1.48 33.20	1.70 1.70	1.37 1.37	1.33 1.33					A 106.7	5.29		



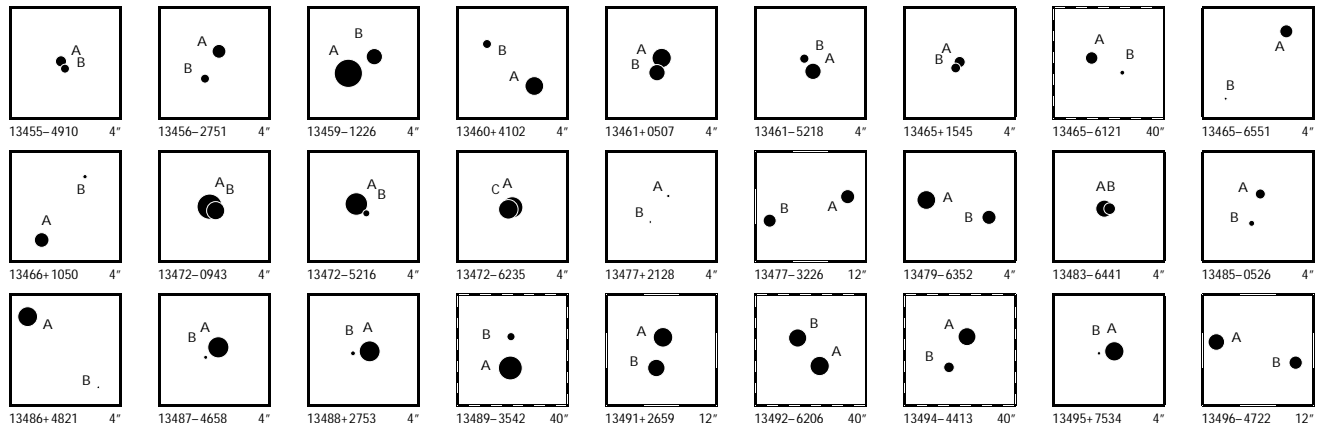
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2	3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13382+5730	1	I	CA	A 66528 B 66529	9.086 0.016 11.395 0.115	9.464 0.020 11.653 0.163	9.043 0.020 11.040 0.145		204.547 628 39 204.551 933 95	-57.505 952 82 -57.501 613 29	6.02 -9.49	-64.19 -1.40	-31.58 -12.25	2.60 2.49 2.80 2.52 2.30	39.48 37.29 22.97 23.45 22.34	A	28.1	17.70	+0.1	+0.05								
13383+2930	1	F	ND	A 66531 B 66531	10.151 0.015 13.708 0.393	10.539 0.031	10.076 0.031		204.569 818 00 204.570 335 49	+29.491 672 19 +29.491 149 56	6.82 6.82	-5.57 -5.57	-12.28 -12.28	1.79 1.59 2.44 2.25 1.42	98.12 87.41 2.44 2.25 1.42	A	139	2.48										
13387+3823	1	F	CA	A 66569 B 66569	8.971 0.006 11.422 0.051				204.681 982 26 204.682 193 95	+38.379 852 74 +38.379 920 52	3.26 3.26	1.92 1.92	-7.54 -7.54	1.24 1.23 1.59 1.28 1.17	10.91 13.19 1.59 1.28 1.17	A	68	0.65										
13387+6806	1	F	CB	A 66570 B 66570	9.036 0.148 10.611 0.631				204.682 353 10 204.682 249 28	+68.104 119 90 +68.104 099 18	7.25 7.25	-20.16 -20.16	7.97 7.97	11.86 4.53 0.76 0.69 0.79	33.99 26.40 0.76 0.69 0.79	A	242	0.16										
13387-7011	1	F	CB	A 66572 S 66572	9.725 0.237 10.546 0.505				204.687 613 66 204.687 718 44	-70.186 586 03 -70.186 598 24	1.43 1.43	-15.21 -15.21	-9.31 -9.31	13.25 7.49 1.09 0.96 0.92	32.68 20.67 1.09 0.96 0.92	A	109	0.14										
13392-4900	1	I	CA	A 66611 B 66615	7.765 0.017 9.806 0.077	9.139 0.016 10.128 0.032	7.739 0.010 9.420 0.028		204.810 364 62 204.816 596 96	-48.997 431 42 -48.999 630 25	1.73 14.23	-91.91 -92.10	-0.65 1.06	2.51 1.95 2.38 2.65 2.48	24.06 17.47 11.66 13.44 12.33	A	118.27	16.71	0.00	0.00								
13395+1045	1	L	CA	A 66640 B 66640	6.353 0.014 6.470 0.016				204.894 545 42 204.894 487 31	+10.746 316 70 +10.746 284 08	18.68 18.68	-112.98 -113.94	-37.59 13.57	2.53 2.30 0.91 1.26 1.65	3.14 3.59 0.91 1.38 2.03	A	240	0.237	+11	-0.025								
13395-7230	1	F	CB	A 66635 B 66635	8.077 0.006 11.807 0.168	8.332 0.009	8.018 0.009		204.884 793 12 204.884 992 93	-72.504 235 97 -72.504 556 15	5.24 5.24	10.67 10.67	-16.25 -16.25	0.88 0.94 1.11 0.92 1.04	29.90 37.60 1.11 0.92 1.04	A	169	1.17										
13399+6201	1	F	CA	A 66658 B 66658	9.812 0.237 9.996 0.280				204.972 778 63 204.972 726 35	+62.015 255 75 +62.015 286 71	3.65 3.65	8.62 8.62	7.81 7.81	11.50 14.24 0.88 0.83 0.81	11.51 13.83 0.88 0.83 0.81	A	322	0.14										
13400+1235	1	F	CA	A 66665 B 66665	9.954 0.086 10.632 0.161				204.997 923 88 204.997 975 96	+12.590 042 21 +12.590 073 46	7.44 7.44	111.20 111.20	-285.84 -285.84	9.66 9.01 1.70 1.78 1.29	16.60 17.18 1.70 1.78 1.29	A	58	0.21										
13400+3759	1	F	CA	A 66664 B 66664	10.136 0.016 11.116 0.038				204.996 166 27 204.996 248 41	+37.978 591 48 +37.978 678 51	5.66 5.66	-18.63 -18.63	21.68 21.68	2.55 2.62 2.87 2.03 1.97	7.92 7.79 2.87 2.03 1.97	A	37	0.39										
13400-7047	1	F	ND	A 66668 B 66668	6.786 0.011 10.298 0.267				205.002 470 18 205.002 515 57	-70.787 765 01 -70.787 840 28	3.24 3.24	-23.70 -23.70	-8.03 -8.03	0.75 1.10 0.88 0.76 0.84	31.02 51.51 0.88 0.76 0.84	A	169	0.28										
13406+8111	1	F	CA	A 66724 B 66724	9.671 0.006 11.339 0.026	10.132 0.025	9.542 0.023		205.160 373 53 205.158 771 36	+81.180 890 45 +81.181 406 67	3.00 3.00	-41.22 -41.22	-23.17 -23.17	1.27 1.40 1.36 1.38 1.63	8.36 8.46 1.36 1.38 1.63	A	334.6	2.06										
13407+1958	1	F	CA	A 66727 B 66727	5.775 0.003 9.602 0.083	5.780 0.003	5.755 0.003		205.168 742 36 205.169 721 38	+19.955 663 00 +19.954 752 09	10.77 10.77	-46.46 -46.46	23.23 23.23	0.83 0.67 0.90 0.84 0.66	24.86 14.75 0.90 0.84 0.66	A	134.7	4.66										
13408-2815	1	I	CA	A 66742 C 66739	8.101 0.006 10.772 0.057	8.521 0.010 11.690 0.138	8.056 0.010 10.436 0.065		205.196 521 54 205.191 617 30	-28.241 823 05 -28.241 048 40	10.04 -5.22	-68.59 -60.19	-8.41 -13.57	2.36 1.45 1.91 2.59 1.28	37.89 20.81 25.48 33.24 15.91	A	280.2	15.80	0.0	-0.01								
13412-8829	1	F	CA	A 66780 B 66780	9.498 0.026 10.406 0.061				205.301 133 84 205.303 570 54	-88.483 666 95 -88.483 720 15	1.93 1.93	5.41 5.41	-0.48 -0.48	3.30 3.18 1.09 1.09 1.13	6.80 7.20 1.09 1.09 1.13	A	130	0.30										
13413-2955	1	L	FD	A 66785 B 66784	8.630 0.036 11.269 0.375	9.999 0.041 11.484 0.100	8.582 0.023 10.888 0.099		205.312 602 99 205.307 366 11	-29.911 120 89 -29.909 698 27	-1.25 -1.25	-15.43 -23.33	2.61 41.51	4.04 2.54 3.58 4.46 2.31	68.88 49.93 3.58 53.03 27.59	A	287.4	17.13	+0.1	+0.02								
13414-6152	1	F	CA	A 66795 B 66795	8.466 0.004 10.072 0.018				205.358 646 24 205.358 992 81	-61.867 953 59 -61.868 110 23	-0.37 -0.37	-2.47 -2.47	-1.09 -1.09	0.93 1.16 1.68 1.12 1.40	4.88 6.18 1.68 1.12 1.40	A	133.8	0.815										
13415-2327	1	F	CA	A 66800 B 66800	6.932 0.021 8.132 0.063				205.378 588 99 205.378 627 47	-23.449 801 12 -23.449 844 09	4.20 4.20	-10.84 -10.84	0.67 0.67	3.62 1.95 0.84 0.92 0.56	11.81 4.80 0.84 0.92 0.56	B	141	0.20										
13416-7507	1	F	CA	A 66806 C 66806	7.307 0.093 8.533 0.288				205.414 623 98 205.414 476 28	-75.115 360 48 -75.115 368 76	1.83 1.83	-11.55 -11.55	-2.84 -2.84	7.47 3.38 0.69 0.59 0.69	14.92 13.24 0.69 0.59 0.69	A	258	0.14										
13417-1611	1	F	CA	A 66811 B 66811	9.673 0.251 9.785 0.278				205.419 602 28 205.419 603 96	-16.175 910 79 -16.175 876 97	0.99 0.99	6.52 6.52	-14.88 -14.88	15.78 18.10 1.15 1.50 0.81	17.25 11.77 1.15 1.50 0.81	A	3	0.12										
13417-1833	1	F	CA	A 66819 B 66819	7.980 0.006 11.161 0.110				205.433 148 19 205.433 310 38	-18.553 041 65 -18.553 098 80	3.61 3.61	-33.78 -33.78	-2.73 -2.73	1.44 1.07 1.38 1.27 0.89	25.60 15.95 1.38 1.27 0.89	A	110	0.59										
13417-2915	1	F	CB	A 66818 B 66818	10.245 0.386 10.293 0.404				205.433 043 25 205.432 995 79	-29.257 208 20 -29.257 204 34	8.11 8.11	-57.38 -57.38	-25.39 -25.39	24.18 25.77 1.38 1.43 0.82	31.92 26.39 1.38 1.43 0.82	A	275	0.15										
13417-5434	1	F	CA	A 66821 B 66821	5.242 0.003 6.631 0.010	5.135 0.003 6.618 0.006	5.215 0.004 6.526 0.007		205.436 728 27 205.437 498 00	-54.559 365 43 -54.560 825 62	12.05 12.05	-43.65 -43.65	-24.58 -24.58	0.55 0.63 0.89 0.71 0.61	2.42 2.39 0.89 0.71 0.61	A	163.00	5.497										
13417-8035	1	F	CA	A 66817 B 66817	10.116 0.008 10.218 0.009	10.711 0.038 10.681 0.037	9.933 0.031 10.057 0.035		205.439 548 93 205.430 371 85	-80.576 161 36 -80.575 945 01	9.00 9.00	73.60 73.60	66.40 66.40	3.23 3.09 2.94 2.84 2.64	4.35 3.72 2.94 2.84 2.64	B	278.19	5.465										
13418+4613	1	F	CA	A 66829 B 66829	9.374 0.010 9.413 0.010	9.800 0.024 9.826 0.025	9.285 0.024 9.309 0.023		205.448 871 76 205.449 805 17	+46.219 762 49 +46.221 684 10	4.09 4.09	-39.24 -39.24	4.55 4.55	2.58 2.88 2.73 2.03 2.30	2.63 3.71 2.73 2.03 2.30	B	18.58	7.30										
13419+1407	1	F	CA	A 66841 B 66841	8.453 0.025 10.787 0.214				205.482 767 23 205.482 689 87	+14.118 152 35 +14.118 134 07	9.21 9.21	2.62 2.62	-10.98 -10.98	5.07 4.77 1.67 1.55 1.22	29.49 39.20 1.67 1.55 1.22	A	256	0.28										



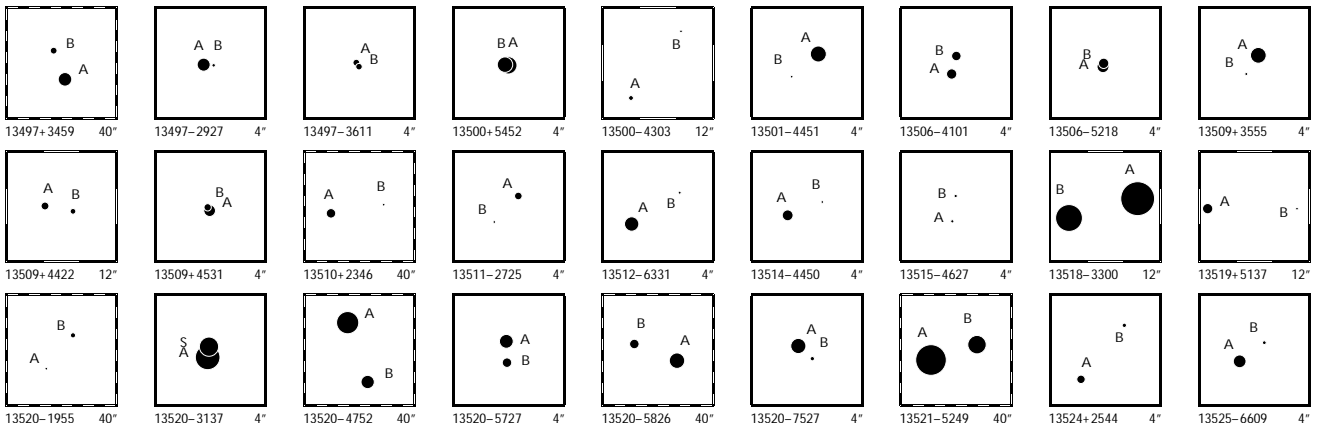
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13419+4725	1	F C C	A 66836 B 66836	8.137 0.005 11.937 0.136				205.465 675 18 +47.414 032 97 205.465 463 52 +47.414 166 14	3.30 3.30	-19.61 -27.25 -19.61 -27.25	0.88 1.00 1.20 0.90 0.96 39.12 36.41 1.20 0.90 0.96	A 313 0.70														
13419-6059	1	F C A	A 66838 B 66838	8.754 0.008 11.502 0.100	8.767 0.008	8.704 0.011	205.478 255 36 -60.987 639 13 205.478 114 43 -60.987 267 73	1.02 1.02	-3.81 -2.02 -3.81 -2.02	1.35 1.52 2.00 1.74 1.64 20.63 31.83 2.00 1.74 1.64	A 350 1.36															
13420-5435	1	F N D	A 66851 B 66851	9.302 0.011 12.284 0.162	9.862 0.040	9.279 0.036	205.508 352 66 -54.581 983 29 205.512 986 25 -54.580 422 51	13.50 13.50	-25.42 -10.96 -25.42 -10.96	1.48 1.59 2.42 1.90 1.56 36.57 37.24 2.42 1.90 1.56	A 59.8 11.18															
13422-6343	1	F C A	A 66859 B 66859	10.274 0.029 11.613 0.098			205.551 441 39 -63.714 056 89 205.551 629 13 -63.714 099 68	0.98 0.98	-2.41 -1.38 -2.41 -1.38	4.06 3.36 2.13 1.54 1.77 14.13 15.04 2.13 1.54 1.77	A 117 0.34															
13423-3359	1	L C A	B 66874 A 66874	7.482 0.004 7.557 0.005	7.840 0.009 7.916 0.010	7.384 0.008 7.448 0.010	205.586 589 20 -33.980 516 81 205.586 742 96 -33.979 318 40	12.65 12.65	-17.73 23.35 -9.67 15.30	2.13 1.62 1.76 1.64 1.46 2.17 1.86 1.76 2.71 1.81	B 6.07 4.339 +0.12 -0.007															
13430+5002	1	I N D	A 66928 B 66933	7.892 0.006 10.441 0.045	8.877 0.013 11.377 0.071	7.809 0.009 10.165 0.039	205.743 928 74 +50.026 780 16 205.753 541 81 +50.022 239 68	4.65 3.72	12.60 -26.42 -9.94 -19.24	1.26 1.51 1.48 1.40 1.61 11.83 14.50 9.28 9.14 10.78	A 126.32 27.60 +0.02 -0.02															
13430-3011	1	F C A	A 66932 B 66932	7.255 0.002 10.704 0.056			205.753 723 21 -30.182 681 67 205.753 691 16 -30.182 892 23	9.75 9.75	-61.00 -1.77 -61.00 -1.77	1.01 0.71 1.06 1.09 0.66 18.20 10.89 1.06 1.09 0.66	A 187 0.76															
13431+0332	1	F C A	A 66936 B 66936	5.598 0.003 8.320 0.038	6.919 0.009	5.542 0.006	205.766 184 27 +3.538 079 68 205.765 588 73 +3.537 545 60	15.01 15.01	-294.22 -72.88 -294.22 -72.88	0.86 0.60 0.86 0.80 0.54 10.79 9.71 0.86 0.80 0.54	A 228.1 2.88															
13431-6908	1	F C A	A 66941 B 66941	8.422 0.091 8.523 0.100			205.786 397 29 -69.127 601 75 205.786 502 20 -69.127 559 94	8.05 8.05	-32.67 -19.78 -32.67 -19.78	6.13 7.30 0.95 0.72 0.90 7.05 8.41 0.95 0.72 0.90	A 42 0.20															
13435-3739	1	F C A	A 66967 B 66967	9.699 0.007 10.636 0.016	9.691 0.020 10.718 0.050	9.596 0.025 10.346 0.056	205.878 814 19 -37.655 824 47 205.879 849 68 -37.657 209 79	1.99 1.99	-16.91 -8.33 -16.91 -8.33	2.12 1.62 2.14 2.61 1.48 9.11 5.34 2.14 2.61 1.48	A 149.4 5.79															
13437+1333	1	F N D	A 66985 B 66985	9.606 0.012 12.800 0.216			205.919 896 89 +13.554 689 85 205.919 988 73 +13.554 526 89	0.21 0.21	-6.10 -11.20 -6.10 -11.20	2.24 2.02 2.16 2.11 2.16 73.83 50.18 2.16 2.11 2.16	A 151 0.67															
13437+5949	1	F C A	A 66988 B 66988	8.528 0.143 9.566 0.372			205.925 232 05 +59.824 350 69 205.925 305 03 +59.824 336 34	7.83 7.83	-23.43 -13.60 -23.43 -13.60	9.85 4.94 0.82 0.64 0.71 20.63 12.32 0.82 0.64 0.71	A 111 0.14															
13437-4204	1	F C A	A 66984 B 66984 C 66984	6.319 0.086 7.488 0.234 9.151 0.159			205.917 057 19 -42.067 517 68 205.917 093 58 -42.067 491 52 205.917 398 75 -42.067 429 36	2.05 2.05 2.05	-13.49 -4.31 -13.49 -4.31 -13.49 -4.31	2.82 2.78 1.47 1.17 0.98 9.97 10.82 1.47 1.17 0.98 14.80 12.50 1.47 1.17 0.98	A 46 0.14 A 71 0.97															
13438-4011	1	F C A	A 66997 B 66997	7.593 0.005 7.902 0.007			205.956 116 12 -40.177 956 79 205.956 075 96 -40.178 268 47	8.54 8.54	-67.23 -10.93 -67.23 -10.93	1.95 1.18 1.98 1.65 1.01 2.83 3.03 1.98 1.65 1.01	A 185.6 1.127															
13441+5754	1	F C C	A 67019 B 67019	10.074 0.011 13.202 0.188	10.511 0.036	9.933 0.032	206.023 350 01 +57.905 837 75 206.024 258 68 +57.904 828 39	4.88 4.88	-3.26 -0.43 -3.26 -0.43	1.69 1.80 1.92 1.71 1.78 69.14 41.23 1.92 1.71 1.78	A 154 4.03															
13441-4738	1	F C A	A 67017 B 67017	10.472 0.015 12.285 0.076	10.834 0.047	10.348 0.050	206.019 987 75 -47.627 255 50 206.017 801 38 -47.627 189 16	4.66 4.66	-15.86 -18.08 -15.86 -18.08	2.65 2.25 3.04 2.90 2.44 26.01 20.22 3.04 2.90 2.44	A 272.6 5.31															
13442+5921	1	F C A	A 67030 B 67030	8.068 0.005 10.530 0.043	8.970 0.011	7.918 0.008	206.051 297 08 +59.357 991 31 206.051 878 14 +59.357 922 51	2.44 2.44	4.21 -7.39 4.21 -7.39	0.86 0.98 1.03 0.88 0.97 13.56 10.31 1.03 0.88 0.97	A 103 1.09															
13444+6913	1	F C A	A 67046 B 67046	8.174 0.004 10.857 0.048	8.613 0.010 11.601 0.120	8.104 0.009 10.565 0.069	206.104 957 17 +69.219 986 33 206.102 068 54 +69.217 663 13	8.51 8.51	34.59 -15.19 34.59 -15.19	0.86 0.93 0.90 1.03 0.99 10.30 10.74 0.90 1.03 0.99	A 203.8 9.14															
13445-1009	1	F C B	A 67047 B 67047	9.286 0.012 11.687 0.112			206.112 505 43 -10.153 984 67 206.112 463 91 -10.154 081 32	4.30 4.30	-1.77 4.13 -1.77 4.13	3.23 2.77 2.59 2.56 1.35 30.18 19.07 2.59 2.56 1.35	A 203 0.38															
13446+2340	1	F C A	A 67062 B 67062	9.298 0.010 10.673 0.035	9.548 0.021 11.188 0.112	9.188 0.022 10.369 0.075	206.141 567 19 +23.668 300 05 206.142 224 67 +23.667 427 19	1.75 1.75	3.36 14.86 3.36 14.86	2.03 1.50 2.14 1.92 1.47 10.25 7.67 2.14 1.92 1.47	A 145.4 3.82															
13446-6649	1	L C A	A 67063 B 67063	9.168 0.023 10.539 0.081			206.149 360 03 -66.813 976 21 206.149 496 20 -66.814 026 49	8.90 8.90	-113.00 -48.49 -104.12 -61.00	3.17 2.98 1.71 1.76 1.72 11.12 10.66 1.71 5.62 5.38	A 133 0.265 +1 +0.015															
13447+1255	1	F N D	A 67067 B 67067	9.429 0.012 13.588 0.483	10.214 0.036	9.429 0.029	206.179 989 46 +12.920 600 98 206.180 607 17 +12.919 586 42	13.65 13.65	-110.50 -10.48 -110.50 -10.48	1.95 2.19 2.28 1.92 2.11 134.56 135.82 2.28 1.92 2.11	A 149 4.25															
13450+0206	1	L C A	A 67086 B 67086	11.274 0.029 12.476 0.086			206.260 013 52 +2.092 107 44 206.260 124 99 +2.092 034 53	20.49 20.49	-21.95 -5.10 -4.15 20.00	5.69 3.52 3.99 3.34 1.95 26.29 16.75 3.99 10.58 5.98	A 123 0.48 -4 0.00															
13451-5553	1	F C A	A 67096 B 67096	9.259 0.006 11.693 0.052	9.931 0.020	9.173 0.016	206.285 372 38 -55.891 073 96 206.285 763 99 -55.890 248 89	8.80 8.80	-87.56 -80.07 -87.56 -80.07	1.24 1.27 1.74 1.21 1.11 16.17 14.28 1.74 1.21 1.11	A 14.9 3.07															
13452-0319	1	F C A	A 67099 B 67099	8.307 0.015 10.829 0.135	8.552 0.013 11.399 0.117	8.236 0.014 10.864 0.118	206.293 547 64 -3.315 171 94 206.292 050 87 -3.310 182 18	8.64 8.64	-29.99 -24.11 -29.99 -24.11	1.53 1.17 1.67 1.52 1.12 46.27 26.12 1.67 1.52 1.12	A 343.3 18.75															
13453+0903	1	F C A	A 67115 B 67115	7.644 0.004 10.450 0.046	8.215 0.010	7.533 0.009	206.336 965 74 +9.057 932 75 206.336 532 21 +9.057 785 98	18.87 18.87	-21.54 -82.48 -21.54 -82.48	1.02 0.82 1.08 1.03 0.79 12.16 11.02 1.08 1.03 0.79	A 251.1 1.63															
13455+0331	1	F C A	A 67136 B 67136	8.463 0.006 10.417 0.032	8.920 0.015	8.331 0.013	206.384 049 87 +3.508 091 96 206.383 900 14 +3.508 501 38	10.05 10.05	-33.21 15.53 -33.21 15.53	1.53 1.28 1.54 1.52 1.22 8.87 7.37 1.54 1.52 1.22	A 339.9 1.57															



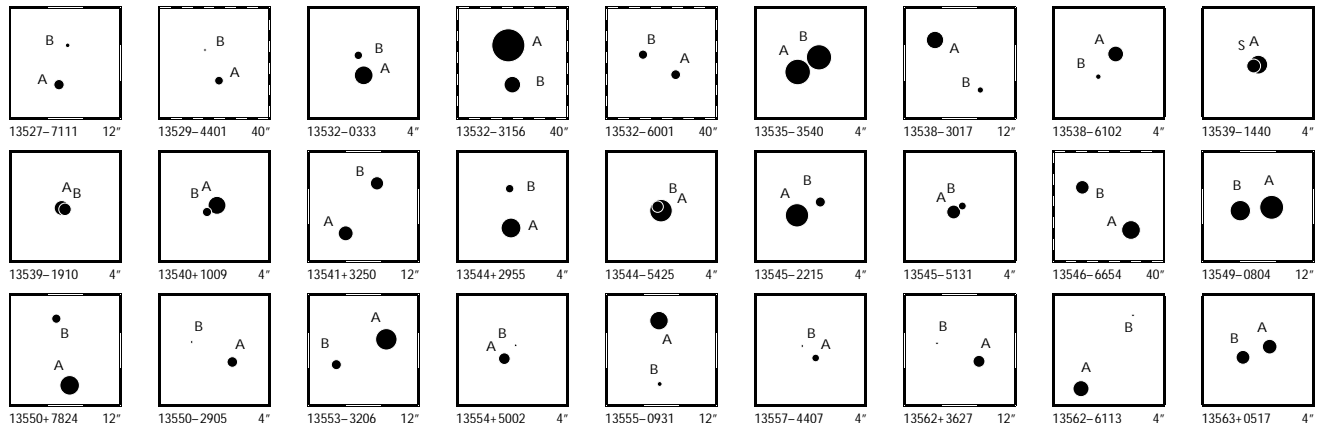
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
13455-4910	1	F CA	A 67131 B 67131	9.516 10.035	0.023 0.036						206.378 782 74 206.378 726 58	-49.161 844 43 -49.161 919 20	1.28 1.28	-6.44 -6.44	-4.45 -4.45	2.64 5.15	3.30 5.38	1.76 1.76	1.70 1.70	1.28 1.28	A 206	0.300				
13456-2751	1	F CA	A 67140 B 67140	8.932 10.005	0.011 0.029	9.065	0.023	8.641	0.023		206.395 698 42 206.395 859 91	-27.854 270 71 -27.854 551 87	3.53 3.53	-39.72 -39.72	-9.03 -9.03	2.62 12.47	1.79 8.95	2.31 2.31	2.68 2.68	2.14 2.14	A 153	1.14				
13459-1226	1	F CA	A 67172 B 67172	5.734 8.396	0.003 0.031	6.643	0.007	5.595	0.005		206.484 711 28 206.484 446 78	-12.426 547 21 -12.426 367 84	8.60 8.60	-19.18 -19.18	8.00 8.00	1.16 11.13	0.93 8.32	0.96 0.96	1.32 1.32	0.88 0.88	A 304.8	1.13				
13460+4102	1	F CA	A 67178 B 67178	7.859 10.003	0.003 0.021	8.999	0.012	7.780	0.007	9.533	0.039	206.511 568 02 206.512 199 68	+41.037 922 22 +41.038 350 13	4.48 4.48	9.92 9.92	-46.37 -46.37	0.68 5.20	0.86 6.71	1.09 1.09	0.79 0.79	0.84 0.84	A 48.1	2.31			
13461+0507	1	LCB	A 67186 B 67186	7.739 8.370	0.021 0.025						206.528 384 88 206.528 429 88	+5.115 658 88 +5.115 511 47	15.39 15.39	-107.79 -125.08	-11.16 -38.14	3.04 7.55	6.02 3.23	2.72 2.72	2.52 4.52	2.44 3.57	A 163	0.555	+3	+0.021		
13461-5218	1	F CA	A 67182 B 67182	8.376 9.982	0.004 0.017						206.517 913 31 206.518 069 01	-52.307 482 33 -52.307 348 74	12.16 12.16	-85.64 -85.64	-41.60 -41.60	1.07 5.81	1.11 5.71	1.49 1.49	1.06 1.06	1.08 1.08	A 35	0.59				
13465+1545	1	F CA	A 67225 B 67225	9.546 9.848	0.038 0.050						206.631 093 88 206.631 136 05	+15.751 387 83 +15.751 325 22	3.03 3.03	20.17 20.17	-14.16 -14.16	6.16 10.54	4.84 6.43	1.78 1.78	1.62 1.62	1.22 1.22	A 147	0.27				
13465-6121	1	F CA	A 67218 B 67218	9.210 10.916	0.009 0.041	9.162	0.012	9.182	0.016	10.773	0.083	206.618 058 30 206.611 502 70	-61.349 344 87 -61.350 822 86	2.21 2.21	-6.04 -6.04	-0.18 -0.18	1.59 11.33	1.71 12.90	2.44 2.44	1.82 1.82	1.82 1.82	A 244.8	12.50			
13465-6551	1	F CA	A 67217 B 67217	9.130 11.313	0.006 0.044	10.437	0.029	9.064	0.015	12.174	0.504	206.616 350 67 206.617 870 41	-65.847 085 29 -65.847 773 28	1.81 1.81	-19.48 -19.48	-10.04 -10.04	1.23 13.17	1.42 13.13	1.77 1.77	1.48 1.48	1.45 1.45	A 137.9	3.34			
13466+1050	1	F CA	A 67233 B 67233	8.769 11.053	0.005 0.042	9.870	0.027	8.674	0.016		206.656 806 62 206.656 348 66	+10.840 599 49 +10.841 253 62	3.73 3.73	-12.18 -12.18	3.33 3.33	1.48 12.81	1.28 12.65	1.68 1.68	1.51 1.51	1.23 1.23	A 325.5	2.86				
13472-0943	1	LCA	A 67271 B 67271	6.412 8.001	0.009 0.040						206.805 862 52 206.805 797 81	-9.709 343 05 -9.709 381 65	6.37 6.37	-0.25 -0.48	-45.04 -35.27	2.30 9.26	1.48 6.70	0.88 0.88	1.33 5.19	0.76 2.90	A 239	0.268	+2	-0.005		
13472-5216	1	F CA	A 67260 B 67260	6.991 10.422	0.003 0.078						206.794 109 90 206.793 942 37	-52.269 215 75 -52.269 306 83	9.49 9.49	-28.60 -28.60	-18.55 -18.55	0.81 17.29	0.80 18.36	0.94 0.94	0.67 0.67	0.69 0.69	A 228	0.49				
13472-6235	1	FNC	A 67261 C 67261	7.310 7.702	0.075 0.107						206.795 261 00 206.795 341 70	-62.589 698 70 -62.589 715 35	0.28 0.28	-5.49 -5.49	-3.66 -3.66	4.61 10.78	3.06 10.33	2.13 2.13	1.38 1.38	1.58 1.58	A 114	0.15				
13477+2128	1	FCC	A 67309 B 67309	11.289 13.736	0.020 0.184						206.926 465 84 206.926 661 42	+21.460 679 43 +21.460 417 62	35.81 35.81	75.42 75.42	-83.44 -83.44	3.66 73.37	2.99 48.47	3.99 3.99	3.53 3.53	2.80 2.80	A 145	1.15				
13477-3226	1	LCA W	A 67308 B 67308	8.905 9.101	0.010 0.012	10.605	0.074	8.972	0.031	9.134	0.026	206.925 426 34 206.928 268 62	-32.429 975 84 -32.430 698 13	61.07 61.07	87.18 86.26	-18.62 -57.89	2.91 7.27	2.54 5.48	2.93 2.93	3.69 7.52	3.35 8.28	A 106.76	9.02	+0.24	+0.01	
13479-6352	1	F CA	A 67324 B 67324	7.878 8.906	0.006 0.014	7.832	0.008	7.826	0.009	8.755	0.017	206.986 824 82 206.985 376 89	-63.862 146 74 -63.862 323 48	1.11 1.11	-13.78 -13.78	-5.22 -5.22	0.97 3.71	1.15 3.75	1.49 1.49	0.90 0.90	1.12 1.12	A 254.5	2.383			
13483-6441	1	F CA	A 67356 B 67356	8.237 9.406	0.037 0.107						207.078 225 41 207.078 089 33	-64.691 153 54 -64.691 150 53	3.44 3.44	-26.25 -26.25	-6.78 -6.78	4.05 10.09	2.47 8.04	1.21 1.21	0.89 0.89	1.01 1.01	A 273	0.21				
13485-0526	1	F CA	A 67370 B 67370	9.799 10.676	0.009 0.021						207.131 844 82 207.131 929 07	-5.432 511 97 -5.432 812 33	6.10 6.10	-9.95 -9.95	-7.90 -7.90	3.51 12.34	1.89 9.11	3.24 3.24	3.74 3.74	1.64 1.64	A 164	1.12				
13486+4821	1	FCC	A 67381 B 67381	7.595 11.780	0.007 0.337	7.836	0.007	7.559	0.007		207.150 490 80 207.149 390 98	+48.356 590 67 +48.355 865 21	9.93 9.93	36.34 36.34	-17.13 -17.13	0.82 53.40	1.07 60.28	1.18 1.18	0.97 0.97	1.00 1.00	A 225	3.71				
13487-4658	1	FCB	A 67386 B 67386	7.315 11.118	0.004 0.130						207.165 709 96 207.165 903 10	-46.973 695 33 -46.973 791 18	6.87 6.87	-42.71 -42.71	-8.82 -8.82	1.59 71.84	0.98 40.47	1.45 1.45	1.46 1.46	0.88 0.88	A 126	0.59				
13488+2753	1	F CA	A 67397 B 67397	7.367 10.905	0.004 0.102						207.188 195 40 207.188 389 35	+27.881 298 17 +27.881 277 32	5.66 5.66	-28.74 -28.74	-16.66 -16.66	1.13 19.70	0.67 21.93	1.10 1.10	0.98 0.98	0.63 0.63	A 97	0.62				
13489-3542	1	F CA	A 67408 B 67408	6.698 10.207	0.004 0.097	7.229	0.007	6.635	0.006		207.231 022 15 207.230 874 51	-35.703 736 80 -35.700 514 51	35.35 35.35	-526.85 -526.85	-182.22 -182.22	0.85 23.09	0.72 16.61	0.97 0.97	0.98 0.98	0.78 0.78	A 357.9	11.61				
13491+2659	1	LCA	A 67422 B 67422	7.689 8.148	0.005 0.008	8.667	0.014	7.357	0.009		207.267 814 60 207.268 065 94	+26.980 129 28 +26.979 195 72	73.25 73.25	-427.38 -470.64	-89.94 -92.06	1.22 3.04	1.00 1.92	1.33 1.33	1.20 1.20	0.87 1.16	A 166.51	3.456	+0.71	-0.008		
13492-6206	1	INB	A 67434 B 67436	7.710 7.952	0.020 0.024	9.129	0.011	7.652	0.006	7.992	0.008	207.309 457 23 207.314 124 11	-62.103 258 82 -62.100 393 97	-6.82 -3.65	-17.55 -3.17	-12.32 -1.29	2.89 6.76	3.81 8.50	5.07 7.60	3.63 5.57	4.50 6.60	A 37.32	12.97	+0.02	+0.02	
13494-4413	1	LCA	A 67455 B 67456	8.063 9.660	0.011 0.045	8.015	0.009	7.992	0.011	9.648	0.033	207.358 218 21 207.360 770 50	-44.211 339 35 -44.214 548 65	1.49 2.26	0.90 -2.33	-0.54 6.70	3.19 22.34	2.27 23.74	3.14 8.27	2.60 6.90	1.95 5.30	A 150.32	13.30	0.00	-0.01	
13495+7534	1	F CA	A 67467 B 67467	7.744 11.207	0.004 0.079						207.386 120 26 207.386 765 40	+75.567 022 11 +75.567 003 02	9.23 9.23	15.25 15.25	-1.31 -1.31	0.84 18.87	0.75 20.52	0.74 0.74	0.70 0.70	0.84 0.84	A 97	0.58				
13496-4722	1	F CA	A 67468 B 67468	8.325 9.068	0.008 0.015	8.710	0.014	8.241	0.014	8.986	0.024	207.393 122 95 207.389 510 25	-47.369 306 43 -47.369 944 54	7.69 7.69	54.07 54.07	5.66 5.66	2.01 4.23	1.37 4.08	2.13 2.13	2.10 2.10	1.19 1.19	A 255.38	9.103			



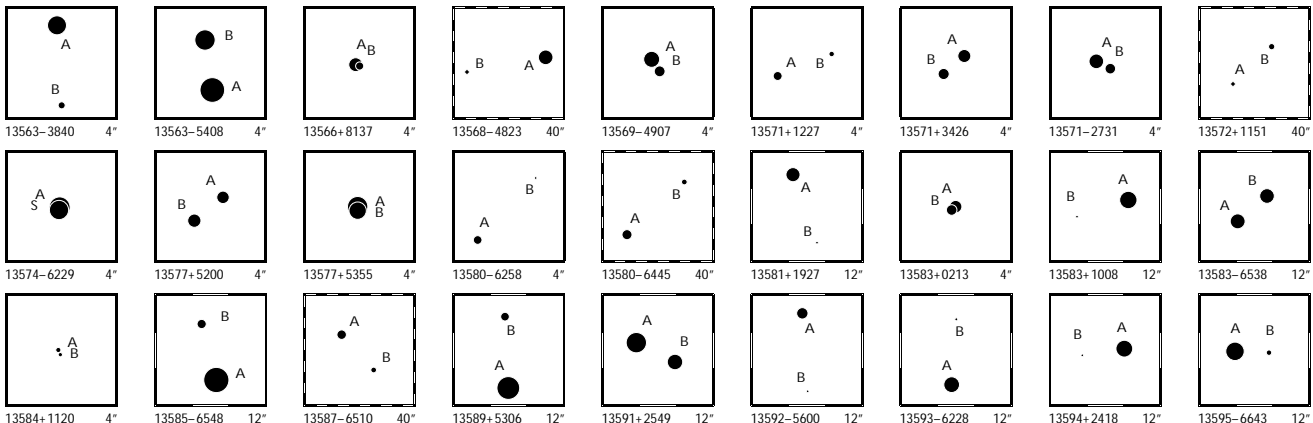
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _I	σ	α	δ		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13497+3459	1	I CA	A 67475 B 67476	9.012 0.006 10.495 0.021	9.511 0.022 11.048 0.054	8.947 0.021 10.333 0.046	207.412 489 12 207.413 865 53	+34.988 373 76 +34.991 198 71	9.83 20.16	-22.11 -22.22	-1.45 2.96	2.15 1.92 2.31 2.37 1.76 8.67 8.33 7.35 7.62 6.03	A 21.76 10.95 -0.01 0.00												
13497-2927	1	F ND	D A 67479 B 67479	9.095 0.021 11.233 0.152			207.426 338 28 207.426 221 24	-29.446 010 86 -29.446 010 76	9.09 9.09	4.83 4.83	-39.92 -39.92	2.48 1.42 1.64 1.72 1.17 26.68 15.65 1.64 1.72 1.17	A 270 0.37												
13497-3611	1	F CA	A 67477 B 67477	10.525 0.122 10.534 0.123			207.417 928 31 207.417 882 60	-36.179 565 14 -36.179 607 35	3.56 3.56	-9.34 -9.34	-4.50 -4.50	10.88 11.63 1.91 2.20 1.48 9.49 10.36 1.91 2.20 1.48	A 221 0.20												
13500+5452	1	F CC	A 67511 B 67511	8.167 0.160 8.577 0.234			207.504 336 31 207.504 403 99	+54.869 456 70 +54.869 458 69	2.25 2.25	-52.45 -52.45	-10.28 -10.28	12.09 5.81 0.69 0.63 0.61 14.58 8.41 0.69 0.63 0.61	A 87 0.14												
13500-4303	1	F FD	D A 67506 B 67506	10.932 0.032 12.709 0.163	11.733 0.105	10.908 0.080	207.496 401 07 207.494 315 35	-43.050 365 04 -43.048 317 36	9.88 9.88	-31.28 -31.28	-15.48 -15.48	6.71 5.40 7.67 5.89 4.61 41.33 36.24 7.67 5.89 4.61	A 323.3 9.19												
13501-4451	1	F CB	A 67527 B 67527	8.443 0.005 11.843 0.106	9.019 0.015	8.372 0.013	207.531 870 07 207.532 258 68	-44.850 722 06 -44.850 949 05	17.49 17.49	-46.75 -46.75	-68.52 -68.52	1.22 0.98 1.39 1.31 0.90 29.66 28.09 1.39 1.31 0.90	A 129 1.29												
13506-4101	1	F CA	A 67558 B 67558	9.734 0.007 9.916 0.008			207.648 113 68 207.648 042 05	-41.008 369 85 -41.008 185 52	3.98 3.98	-20.71 -20.71	-0.88 -0.88	3.77 5.47 4.45 2.97 5.07 9.89 6.64 4.45 2.97 5.07	A 344 0.692												
13506-5218	1	F CB	A 67554 B 67554	9.377 0.259 9.705 0.351			207.640 435 95 207.640 418 98	-52.292 243 14 -52.292 206 24	3.35 3.35	-9.29 -9.29	-0.48 -0.48	9.96 18.58 1.20 0.82 0.89 16.46 18.94 1.20 0.82 0.89	A 344 0.14												
13509+3555	1	F CA	A 67579 B 67579	8.544 0.004 11.329 0.047			207.714 122 83 207.714 275 69	+35.913 261 57 +35.913 071 87	3.94 3.94	4.29 4.29	-0.02 -0.02	0.95 0.98 1.35 0.96 0.90 13.11 13.55 1.35 0.96 0.90	A 147 0.82												
13509+4422	1	F CA	A 67584 B 67584	10.273 0.010 10.760 0.015	10.828 0.041	10.189 0.037	207.724 981 24 207.723 782 89	+44.369 794 35 +44.369 648 28	2.92 2.92	-77.26 -77.26	28.49 28.49	2.28 2.42 3.25 2.69 2.02 5.47 5.25 3.25 2.69 2.02	A 260.3 3.13												
13509+4531	1	F CB	A 67582 B 67582	9.391 0.308 10.398 0.779			207.720 400 39 207.720 430 42	+45.522 938 25 +45.522 971 81	5.01 5.01	-18.55 -18.55	-5.56 -5.56	4.93 17.00 1.13 0.80 0.99 45.96 47.98 1.13 0.80 0.99	A 32 0.14												
13510+2346	1	I ND	D A 67594 B 67593	9.899 0.037 13.208 0.663	11.135 0.052	9.920 0.029	207.761 909 66 207.756 010 36	+53.762 767 04 +23.763 626 02	20.94 76.20	49.28 2281.92	-76.40 5369.43	4.10 2.91 3.88 4.36 2.82 192.71 137.15 107.46 117.13 79.65	A 279.0 19.68 +16.7 -1.35												
13511-2725	1	F CA	A 67597 B 67597	10.323 0.011 11.999 0.050	10.800 0.049	10.059 0.041	207.770 716 98 207.770 992 31	-27.409 418 48 -27.409 681 04	5.42 5.42	20.75 20.75	-54.84 -54.84	2.39 1.67 2.34 2.55 1.85 19.29 12.37 2.34 2.55 1.85	A 137 1.29												
13512-6331	1	F CA	A 67612 B 67612	8.796 0.006 11.343 0.059	8.766 0.008	8.753 0.011	207.810 406 86 207.809 302 27	-63.512 632 51 -63.512 309 12	0.42 0.42	-8.53 -8.53	-6.35 -6.35	1.10 1.34 1.85 1.15 1.40 14.13 20.02 1.85 1.15 1.40	A 303 2.12												
13514-4450	1	F CC	A 67621 B 67621	9.586 0.011 13.120 0.286	10.522 0.035	9.481 0.024	207.838 029 38 207.837 520 15	-44.829 346 54 -44.829 207 67	0.82 0.82	-26.96 -26.96	-4.85 -4.85	1.92 1.40 2.09 2.14 1.29 95.42 52.47 2.09 2.14 1.29	A 291 1.39												
13515-4627	1	F ND	D A 67633 B 67633	11.272 0.038 11.285 0.039			207.864 855 61 207.864 805 09	-46.452 232 71 -46.451 975 41	2.72 2.72	3.16 3.16	1.59 1.59	12.99 8.78 5.14 5.61 3.35 6.21 5.13 5.14 5.61 3.35	A 352 0.93												
13518-3300	1	F CA	A 67669 B 67669	4.511 0.003 6.053 0.013	4.359 0.006	4.519 0.007	207.956 771 75 207.959 271 49	-32.994 016 25 -32.994 616 42	10.96 10.96	-35.74 -35.74	-30.14 -30.14	0.78 0.67 0.88 0.81 0.73 3.78 3.22 0.88 0.81 0.73	A 105.97 7.851												
13519+5137	1	F ND	D A 67683 B 67683	9.707 0.012 13.124 0.267	10.132 0.029	9.647 0.028	207.982 807 02 207.978 392 82	+51.613 113 65 +51.613 129 88	6.59 6.59	-40.23 -40.23	14.46 14.46	1.53 1.61 1.86 1.58 1.56 74.25 63.37 1.86 1.58 1.56	A 270.3 9.87												
13520-1955	1	I NC	D B 67688 A 67694	10.877 0.083 11.968 0.192	10.819 0.091	10.136 0.076	207.999 773 80 208.002 774 85	-19.910 728 41 -19.914 085 35	-0.17 15.29	29.57 -0.91	6.80 -5.84	9.40 6.49 8.11 10.93 7.00 59.67 38.16 29.87 41.93 26.60	B 140.0 15.79 +0.1 -0.01												
13520-3137	1	L CA	A 67696 S 67696	6.543 0.003 7.712 0.009			208.004 156 28 208.004 136 39	-31.619 136 22 -31.619 023 57	18.66 18.66	-32.13 -32.13	-29.24 -29.24	1.24 0.93 1.00 1.28 0.85 4.28 2.13 1.00 4.41 1.73	A 351 0.410 -6 -0.024												
13520-4752	1	I CA	A 67700 B 67699	7.081 0.012 9.043 0.057	7.846 0.009	7.003 0.008	208.012 163 74 208.009 078 46	-47.865 690 99 -47.871 832 42	4.17 8.90	-8.14 31.55	-20.93 -17.66	1.39 1.06 1.37 1.15 0.94 21.07 14.87 14.87 14.24 9.22	A 198.62 23.33 -0.09 -0.02												
13520-5727	1	F CA	A 67689 B 67689	8.968 0.006 9.918 0.013			207.996 641 40 207.996 613 12	-57.456 332 21 -57.456 550 40	0.23 0.23	-6.92 -6.92	-3.83 -3.83	1.51 1.77 2.22 1.63 1.63 5.25 4.66 2.22 1.63 1.63	A 184.0 0.787												
13520-5826	1	I CA	A 67687 B 67693	8.593 0.016 9.924 0.049	8.586 0.013	8.539 0.016	207.990 025 20 207.998 435 27	-58.431 639 59 -58.429 842 66	1.62 -6.24	-3.42 -16.30	-3.18 -0.69	2.38 2.43 2.68 2.67 2.15 15.42 16.10 9.29 15.49 11.72	A 67.80 17.12 -0.02 -0.01												
13520-7527	1	F CA	A 67698 B 67698	8.668 0.005 11.058 0.047			208.008 076 52 208.007 516 73	-75.453 088 48 -75.453 215 21	1.71 1.71	-7.07 -7.07	-6.11 -6.11	0.96 1.00 1.12 1.16 1.14 10.52 10.39 1.12 1.16 1.14	A 228 0.68												
13521-5249	1	I CA	A 67703 B 67702	5.243 0.008 7.796 0.010	5.141 0.002	5.239 0.003	208.020 416 54 208.012 534 87	-52.811 463 55 -52.809 851 05	8.99 3.00	-39.41 -27.39	-27.33 -39.14	0.85 0.93 1.11 0.89 0.90 19.58 21.69 11.46 19.78 17.93	A 288.7 18.11 0.0 -0.02												
13524+2544	1	F CA	A 67725 B 67725	10.135 0.011 11.051 0.024	10.434 0.037	10.127 0.044	208.112 692 95 208.112 198 85	+25.740 730 61 +25.741 288 03	3.97 3.97	-2.79 -2.79	10.15 10.15	2.31 1.57 2.30 2.31 1.50 8.33 6.53 2.30 2.31 1.50	A 321.4 2.57												
13525-6609	1	F CA	A 67734 B 67734	9.151 0.010 11.144 0.061	9.628 0.017	9.012 0.015	208.136 096 80 208.135 467 50	-66.146 982 95 -66.146 794 88	9.28 9.28	-54.60 -54.60	6.78 6.78	1.41 1.83 2.04 1.63 2.12 14.40 12.89 2.04 1.63 2.12	A 306 1.14												



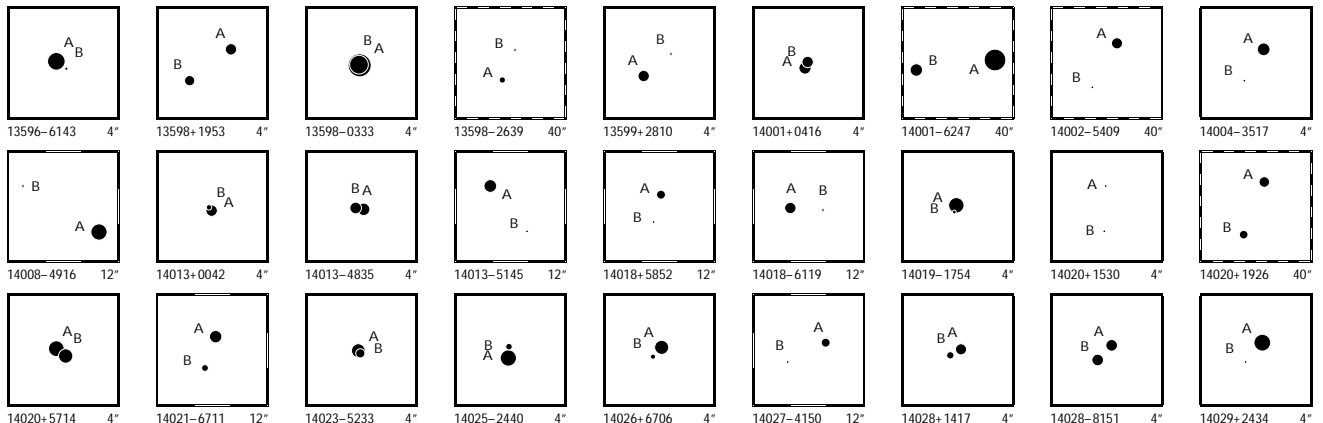
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13527-7111	1	F CA	A 67745 B 67745	9.726 0.006 11.005 0.019	9.713 0.019 11.001 0.063	9.638 0.025 10.871 0.094			208.161 724 09 208.160 892 26	-71.176 219 50 -71.175 010 06	1.81 1.81	-7.16 -7.16	-7.98 -7.98	1.59 1.52 1.96 2.09 1.69 6.31 6.36 1.96 2.09 1.69	A 347.5 4.46												
13529-4401	1	I CC	A 67757 B 67760	10.109 0.015 13.110 0.222	10.582 0.032	10.002 0.031			208.219 353 40 208.221 282 11	-44.015 977 56 -44.012 820 50	7.18 -4.28	-10.88 17.57	-48.68 -34.35	3.82 2.52 3.59 3.04 2.16 106.68 79.20 37.27 31.76 20.78	A 23.7 12.41 +0.1 +0.02												
13532-0333	1	F CA	A 67785 B 67785	7.833 0.003 10.121 0.020					208.300 469 15 208.300 521 80	-3.542 103 97 -3.541 895 14	5.93 5.93	6.24 6.24	-36.49 -36.49	1.20 0.78 1.17 1.16 0.68 8.27 5.56 1.17 1.16 0.68	A 14 0.775												
13532-3156	1	F CB	A 67786 B 67786	4.707 0.005 8.363 0.136	4.565 0.002 8.866 0.027	4.718 0.003 8.534 0.029			208.302 284 58 208.301 845 65	-31.927 586 24 -31.931 680 37	4.87 4.87	-13.53 -13.53	-10.74 -10.74	0.66 0.52 0.71 0.75 0.64 33.74 24.54 0.71 0.75 0.64	A 185.2 14.80												
13532-6001	1	I CA	A 67781 B 67783	9.843 0.023 9.956 0.025	10.297 0.040 10.695 0.060	9.818 0.042 10.025 0.056			208.292 307 61 208.298 983 75	-60.020 420 42 -60.018 370 56	11.95 17.24	-28.97 -47.29	-16.86 -89.45	6.52 6.13 6.99 7.94 6.22 14.38 14.85 7.96 11.84 10.54	A 58.43 14.10 +0.21 -0.05												
13535-3540	1	L CA	A 67819 B 67819	6.366 0.004 6.403 0.004					208.386 750 80 208.386 488 94	-35.664 194 16 -35.664 042 33	19.97 19.97	-82.39 -86.49	-22.28 -13.26	1.41 1.07 1.46 1.59 1.20 2.18 1.69 1.46 1.72 1.38	A 305.5 0.941 +0.3 +0.009												
13538-3017	1	F CA	A 67846 B 67846	8.146 0.006 10.618 0.057	9.904 0.022	8.161 0.010			208.459 099 57 208.457 516 34	-30.283 515 41 -30.285 056 96	3.73 3.73	-6.31 -6.31	7.36 7.36	1.38 1.13 1.57 1.29 1.17 13.05 13.70 1.57 1.29 1.17	A 221.6 7.42												
13538-6102	1	F CA	A 67844 B 67844	8.524 0.007 10.775 0.049	8.829 0.012	8.415 0.012			208.458 134 51 208.458 504 59	-61.026 971 81 -61.027 201 81	6.20 6.20	-38.02 -38.02	-19.61 -19.61	1.15 1.10 1.40 1.21 1.05 10.67 9.77 1.40 1.21 1.05	A 142 1.05												
13539-1440	1	F CB	A 67850 S 67850	7.849 0.211 8.923 0.568					208.465 337 94 208.465 381 89	-14.664 109 81 -14.664 125 93	7.54 7.54	17.42 17.42	-21.24 -21.24	17.13 22.14 0.97 1.01 0.82 39.96 54.74 0.97 1.01 0.82	A 111 0.16												
13539-1910	1	L CA	A 67859 B 67859	8.702 0.091 9.229 0.149					208.485 187 65 208.485 143 86	-19.168 086 99 -19.168 108 96	8.42 8.42	-20.32 -56.23	-37.45 -3.96	7.86 7.18 0.97 3.72 4.73 10.89 11.07 0.97 5.60 7.43	A 242 0.169 +16 +0.016												
13540+1009	1	F CA	A 67860 B 67860	8.054 0.008 9.979 0.046					208.486 641 46 208.486 742 55	+10.138 868 30 +10.138 806 55	6.65 6.65	-25.53 -25.53	5.80 5.80	1.63 1.28 1.33 1.13 1.03 9.49 6.71 1.33 1.13 1.03	A 122 0.42												
13541+3250	1	F CA	A 67871 B 67871	8.683 0.006 9.064 0.008	9.142 0.016 9.501 0.021	8.604 0.015 8.937 0.020			208.521 322 33 208.520 137 35	+32.826 335 57 +32.827 883 32	13.29 13.29	108.18 108.18	39.99 39.99	1.55 1.91 2.20 1.85 1.81 3.94 3.85 2.20 1.85 1.81	A 327.24 6.625												
13544+2955	1	F CA	A 67902 B 67902	7.639 0.003 10.161 0.030	7.855 0.007	7.544 0.008			208.606 357 50 208.606 374 64	+29.915 629 70 +29.916 032 45	10.79 10.79	-65.33 -65.33	4.50 4.50	0.94 0.97 1.42 1.24 0.92 7.64 15.44 1.42 1.24 0.92	A 2.1 1.45												
13544-5425	1	F CB	A 67899 B 67899	7.042 0.073 9.479 0.691					208.600 589 78 208.600 640 86	-54.412 113 08 -54.412 076 99	5.55 5.55	-2.45 -2.45	-2.75 -2.75	3.72 5.10 0.78 0.72 0.67 41.04 36.89 0.78 0.72 0.67	A 39 0.17												
13545-2215	1	F CA	A 67908 B 67908	6.851 0.003 9.795 0.041					208.632 001 37 208.631 745 46	-22.244 825 70 -22.244 691 26	5.71 5.71	39.08 39.08	-86.08 -86.08	1.26 0.73 1.13 1.46 0.96 14.67 8.33 1.13 1.46 0.96	A 300 0.98												
13545-5131	1	F CA	A 67905 B 67905	8.940 0.011 10.272 0.036					208.623 407 31 208.623 270 95	-51.523 617 41 -51.523 549 96	1.21 1.21	-9.58 -9.58	-12.25 -12.25	1.91 1.67 2.05 1.47 1.25 7.38 6.18 2.05 1.47 1.25	A 308 0.39												
13546-6654	1	I CA	A 67916 B 67923	7.875 0.015 9.021 0.035	7.882 0.009 9.086 0.017	7.796 0.010 8.942 0.021			208.656 320 48 208.668 968 61	-66.901 109 04 -66.896 688 55	4.24 10.55	-14.51 -23.59	-15.91 -27.94	1.74 1.82 2.13 1.71 1.90 10.16 10.41 9.02 7.34 7.83	A 48.31 23.93 +0.01 -0.01												
13549-0804	1	L CA	A 67953 B 67953	6.726 0.004 7.501 0.008	7.143 0.027 7.926 0.070	6.600 0.026 7.258 0.048			208.742 936 17 208.743 929 37	-8.058 764 07 -8.058 876 23	29.57 29.57	-174.33 -166.23	-36.18 -50.01	1.55 1.41 1.75 1.87 1.62 2.77 2.59 1.75 2.54 2.29	A 96.51 3.563 +0.21 +0.010												
13550+7824	1	F CA	A 67959 B 67959	7.706 0.004 9.937 0.029	8.080 0.009 10.206 0.037	7.640 0.008 9.651 0.034			208.759 410 61 208.761 474 93	+78.399 788 25 +78.401 826 32	8.49 8.49	15.16 15.16	-6.34 -6.34	0.74 0.80 0.77 0.83 0.86 7.13 8.21 0.77 0.83 0.86	A 11.5 7.49												
13550-2905	1	F CB	A 67960 B 67960	9.678 0.011 12.486 0.142	11.126 0.079	9.728 0.036			208.761 420 92 208.761 893 33	-29.090 286 01 -29.090 083 11	59.57 59.57	-276.55 -276.55	-101.22 -101.22	2.43 1.65 2.65 2.41 1.92 47.86 32.23 2.65 2.41 1.92	A 64 1.66												
13553-3206	1	F CA	A 67980 B 67980	7.235 0.009 9.794 0.091	8.271 0.012 10.183 0.058	7.156 0.007 9.825 0.068			208.818 009 44 208.819 811 16	-32.099 205 26 -32.099 986 76	4.80 4.80	-36.78 -36.78	-9.36 -9.36	1.47 1.21 1.66 1.61 1.35 21.39 23.97 1.66 1.61 1.35	A 117.1 6.17												
13554+5002	1	F CA	A 67989 B 67989	9.406 0.006 11.894 0.056					208.845 338 64 208.845 152 84	+50.041 139 66 +50.041 279 91	7.89 7.89	-14.00 -14.00	-17.26 -17.26	1.26 1.29 1.48 1.40 1.28 16.78 13.31 1.48 1.40 1.28	A 320 0.66												
13555-0931	1	F CA	A 68001 B 68001	7.922 0.005 10.949 0.062	8.254 0.018	7.865 0.013			208.884 143 78 208.884 112 21	-9.523 864 93 -9.525 811 68	6.76 6.76	-42.79 -42.79	1.13 1.13	1.24 1.28 1.58 1.38 1.34 20.75 15.64 1.58 1.38 1.34	A 180.9 7.01												
13557-4407	1	F CA	A 68015 B 68015	10.349 0.011 12.613 0.086					208.922 949 48 208.923 143 02	-44.124 760 90 -44.124 642 29	3.94 3.94	-10.92 -10.92	-10.31 -10.31	2.64 1.85 2.77 2.89 1.78 29.01 22.59 2.77 2.89 1.78	A 50 0.66												
13562+3627	1	F CA	A 68069 B 68069	9.385 0.006 12.278 0.082	9.988 0.018	9.333 0.016			209.048 948 23 209.050 532 63	+36.447 839 24 +36.448 383 39	10.82 10.82	-10.68 -10.68	-86.17 -86.17	1.20 1.31 1.81 1.21 1.20 20.42 24.25 1.81 1.21 1.20	A 66.9 4.99												
13562-6113	1	F CB	A 68071 B 68071	8.470 0.013 11.429 0.196	8.943 0.013	8.384 0.012			209.059 790 32 209.058 697 99	-61.216 413 42 -61.215 655 15	5.55 5.55	18.55 18.55	-15.66 -15.66	1.71 1.79 2.28 1.88 1.64 37.56 34.82 2.28 1.88 1.64	A 325 3.32												
13563+0517	1	F CA	A 68081 B 68081	8.737 0.007 8.937 0.008					209.085 214 69 209.085 485 10	+5.289 844 42 +5.289 737 04	18.90 18.90	49.65 49.65	-56.45 -56.45	3.71 2.20 4.54 4.94 2.41 4.77 2.70 4.54 4.94 2.41	A 111.7 1.044												



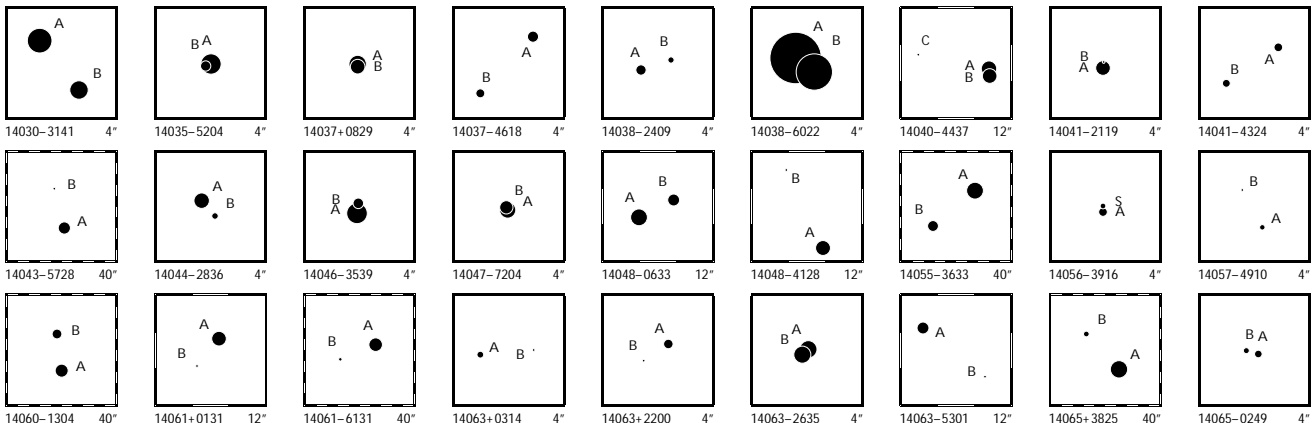
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _I	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13563-3840	1	FCA	A 68073 B 68073	7.805 0.004 10.423 0.047	8.207 0.008 10.310 0.066	7.776 0.007 9.795 0.051		209.064 202 80 209.064 139 18	-38.663 045 50 -38.663 862 52	6.74 6.74	-11.29 -11.29	-0.75 -0.75	1.04 0.82 1.13 13.52 8.86 1.13	1.17 0.96 1.17 0.96	A 183.5 2.95											
13563-5408	1	LCA	A 68080 B 68080	6.537 0.003 7.527 0.007	6.503 0.010 7.445 0.011	6.445 0.008 7.315 0.010		209.083 301 20 209.083 424 54	-54.132 373 19 -54.131 856 85	7.00 7.00	-26.60 -19.15	-19.16 -12.96	0.72 0.79 0.90 2.11 2.26 0.90	0.74 0.77 2.02 1.66	A 80.0 1.877 +0.2 +0.007											
13566+8137	1	FCA	A 68104 B 68104	8.917 0.125 10.227 0.417				209.144 986 78 209.144 752 87	+81.614 131 84 +81.614 114 91	3.45 3.45	2.11 2.11	-6.41 -6.41	7.49 4.32 0.74 23.45 17.04 0.74	0.70 0.90 0.70 0.90	A 244 0.14											
13568-4823	1	IND	D A 68117 B 68125	8.787 0.008 11.001 0.042	9.241 0.019 11.281 0.106	8.714 0.018 10.792 0.110		209.188 955 71 209.201 147 97	-48.375 871 21 -48.377 346 52	4.58 7.91	-12.48 -8.98	9.48 7.17	2.71 1.89 2.49 18.62 11.77 11.39	2.53 1.65 11.92 7.09	A 100.33 29.63 0.00 0.00											
13569-4907	1	FCA	A 68131 B 68131	8.476 0.005 9.575 0.013				209.213 991 92 209.213 877 64	-49.112 486 40 -49.112 613 87	3.13 3.13	-5.24 -5.24	-13.94 -13.94	1.18 1.31 1.65 3.31 3.93 1.65	1.22 0.98 1.22 0.98	A 210.4 0.532											
13571+1227	1	FCA	A 68141 B 68141	10.015 0.009 10.822 0.018	10.126 0.030 10.615 0.183	9.551 0.028 9.780 0.068		209.265 715 72 209.265 150 04	+12.450 857 48 +12.451 079 30	1.96 1.96	-28.01 -28.01	18.21 18.21	2.47 1.76 2.52 7.00 5.75 2.52	2.29 1.78 2.29 1.78	A 291.9 2.14											
13571+3426	1	FCA	A 68147 B 68147	9.128 0.006 9.542 0.009				209.276 712 96 209.276 968 98	+34.434 710 99 +34.434 526 96	6.72 6.72	-35.02 -35.02	13.33 13.33	1.63 1.50 2.16 3.54 3.39 2.16	1.96 1.50 1.96 1.50	A 131.1 1.008											
13571-2731	1	FCA	A 68148 B 68148	8.758 0.005 9.684 0.012				209.277 868 87 209.277 712 13	-27.523 683 84 -27.523 772 30	6.83 6.83	-148.64 -148.64	-59.21 -59.21	2.10 1.47 2.11 5.23 4.02 2.11	2.18 1.55 2.18 1.55	A 238 0.593											
13572+1151	1	INB	B 68155 A 68158	10.629 0.045 10.998 0.052	11.057 0.065 11.020 0.059	10.502 0.059 10.761 0.076		209.298 855 57 209.302 899 83	+11.850 584 08 +11.846 734 14	4.71 7.86	-19.86 -1.88	-6.02 -8.45	7.72 5.13 6.53 24.51 16.39 14.00	8.03 4.91 17.06 10.78	A 134.21 19.88 -0.03 +0.01											
13574-6229	1	LCA	A 68170 S 68170	7.369 0.130 7.758 0.186				209.339 471 82 209.339 495 90	-62.488 777 60 -62.488 808 93	14.00 14.00	-137.44 -101.56	-66.43 -60.88	3.82 7.58 0.79 6.91 10.00 0.79	2.99 3.51 5.35 5.03	A 160 0.12 -17 +0.01											
13577+5200	1	LCA	B 68193 A 68193	9.057 0.007 9.237 0.008				209.417 019 51 209.416 552 64	+51.993 590 35 +51.993 822 67	18.54 18.54	239.24 230.63	-4.17 -9.32	2.16 2.16 1.79 3.56 3.55 1.79	1.66 1.51 3.13 2.62	B 308.9 1.331 -0.4 +0.003											
13577+5355	1	FCB	A 68196 B 68196	7.482 0.357 8.156 0.664				209.428 403 08 209.428 400 06	+53.910 111 05 +53.910 079 74	6.94 6.94	15.26 15.26	-15.22 -15.22	5.64 24.01 0.60 13.45 25.50 0.60	0.61 0.53 0.51 0.53	A 183 0.11											
13580-6258	1	FCA	A 68222 B 68222	10.091 0.008 11.898 0.041	10.172 0.017 11.503 0.084	10.086 0.025 11.317 0.116		209.494 611 26 209.493 290 25	-62.964 341 82 -62.963 702 39	1.20 1.20	-3.11 -3.11	-1.57 -1.57	1.60 2.12 2.92 12.21 15.30 2.92	1.71 2.35 1.71 2.35	A 316.8 3.16											
13580-6445	1	ICB	A 68229 B 68223	9.778 0.007 10.724 0.012	9.851 0.016 10.651 0.032	9.725 0.022 10.427 0.044		209.508 676 11 209.494 966 60	-64.749 563 59 -64.744 165 01	2.72 2.28	-11.09 -10.14	-8.37 -6.57	2.14 2.34 2.74 5.28 6.02 5.09	2.28 2.43 4.21 4.71	A 312.70 28.654 0.00 +0.001											
13581+1927	1	FCB	A 68237 B 68237	8.890 0.011 11.780 0.152	9.252 0.018 8.800 0.017			209.530 963 53 209.530 188 66	+19.458 446 45 +19.456 353 05	5.70 5.70	-10.06 -10.06	-63.05 -63.05	2.15 1.51 2.31 41.52 31.08 2.31	2.46 1.57 2.46 1.57	A 199.2 7.98											
13583+0213	1	FCA	A 68250 B 68250	9.268 0.077 9.635 0.108				209.583 412 29 209.583 450 17	+2.220 700 56 +2.220 662 83	8.12 8.12	-69.03 -69.03	-41.53 -41.53	7.15 5.47 1.10 9.28 6.60 1.10	0.91 0.69 0.91 0.69	A 135 0.19											
13583+1008	1	FCB	A 68251 B 68251	8.132 0.004 11.545 0.098	8.657 0.012 8.057 0.011			209.584 395 52 209.585 996 02	+10.134 691 45 +10.134 170 54	13.30 13.30	-62.20 -62.20	-39.45 -39.45	1.22 1.08 1.37 40.77 33.19 1.37	1.21 1.02 1.21 1.02	A 108.3 5.97											
13583-6538	1	FCA	A 68248 B 68248	8.703 0.006 8.773 0.006	8.718 0.020 8.786 0.026	8.502 0.024 8.618 0.032		209.584 485 14 209.582 354 76	-65.641 414 32 -65.640 634 82	3.74 3.74	-14.92 -14.92	-15.54 -15.54	1.77 2.57 2.53 3.78 4.33 2.53	1.87 2.48 1.87 2.48	A 311.6 4.229											
13584+1120	1	FCA	A 68256 B 68256	10.871 0.154 11.048 0.181				209.601 330 97 209.601 315 44	+11.328 704 05 +11.328 649 70	3.50 3.50	-44.31 -44.31	-9.52 -9.52	9.16 16.16 2.19 14.17 19.17 2.19	1.81 1.76 1.81 1.76	A 196 0.20											
13585-6548	1	FCA	A 68270 B 68270	6.403 0.003 9.956 0.073	7.597 0.005 10.305 0.044	6.351 0.003 9.531 0.036		209.630 347 36 209.631 423 37	-65.800 572 78 -65.798 829 42	6.18 6.18	-30.53 -30.53	-37.88 -37.88	0.54 0.63 0.78 15.83 19.62 0.78	0.65 0.70 0.65 0.70	A 14.2 6.47											
13587-6510	1	LCA	P A 68285 B 68285	9.876 0.050 10.761 0.103	10.522 0.028 11.868 0.125	9.777 0.024 10.715 0.071		209.678 094 43 209.670 229 19	-65.167 835 30 -65.171 506 09	9.10 9.10	-59.38 -23.44	46.50 14.56	3.49 4.08 5.04 26.88 27.12 5.04	3.36 3.62 17.05 18.56	A 221.98 17.78 -0.15 0.00											
13589+5306	1	FCB	A 68304 B 68304	6.941 0.004 10.074 0.077	7.020 0.005 10.459 0.053	6.897 0.005 9.827 0.044		209.730 818 49 209.730 989 99	+53.106 474 80 +53.108 682 31	6.95 6.95	18.08 18.09	-0.78 -0.78	0.79 0.82 0.92 16.83 16.14 0.92	0.88 0.79 0.88 0.79	A 2.7 7.96											
13591+2549	1	LCA	A 68316 B 68316	7.494 0.004 8.578 0.011	7.613 0.009 8.704 0.017	7.425 0.010 8.414 0.019		209.771 849 33 209.770 542 13	+25.816 011 30 +25.815 396 75	4.11 4.11	11.73 4.26	-4.98 -3.12	1.13 0.88 1.14 3.78 2.48 1.14	1.01 0.68 2.27 1.34	A 242.42 4.779 +0.06 +0.006											
13592-5600	1	FCA	A 68322 B 68322	9.488 0.010 11.728 0.078	9.654 0.020 8.461 0.025			209.789 442 13 209.789 139 57	-55.987 229 66 -55.989 633 21	2.15 2.15	-3.65 -3.65	-1.34 -1.34	1.55 1.74 2.28 19.27 17.25 2.28	2.01 1.98 2.01 1.98	A 184.0 8.67											
13593-6228	1	FCA	A 68339 B 68339	8.530 0.006 11.369 0.079	8.516 0.007 8.509 0.009			209.833 709 79 209.833 400 12	-62.460 337 23 -62.458 309 17	1.86 1.86	-8.98 -8.98	-4.54 -4.54	0.98 1.37 1.76 18.02 28.94 1.76	1.17 1.47 1.17 1.47	A 356.0 7.32											
13594+2418	1	FCC	A 68346 B 68346	8.269 0.005 12.015 0.160	8.484 0.010 8.199 0.011			209.858 750 86 209.860 197 39	+24.300 777 89 +24.300 563 48	2.05 2.05	3.84 3.84	3.65 3.65	1.18 0.86 1.26 39.07 33.50 1.26	1.10 0.80 1.10 0.80	A 99.2 4.81											
13595-6643	1	FCA	A 68350 B 68350	7.908 0.005 10.812 0.068	9.067 0.012 10.780 0.140	7.849 0.008 10.094 0.113		209.865 904 36 209.863 238 68	-66.711 289 78 -66.711 328 32	5.65 5.65	-30.23 -30.23	-15.33 -15.33	0.90 0.95 1.29 16.99 16.65 1.29	0.91 1.01 0.91 1.01	A 267.9 3.80											



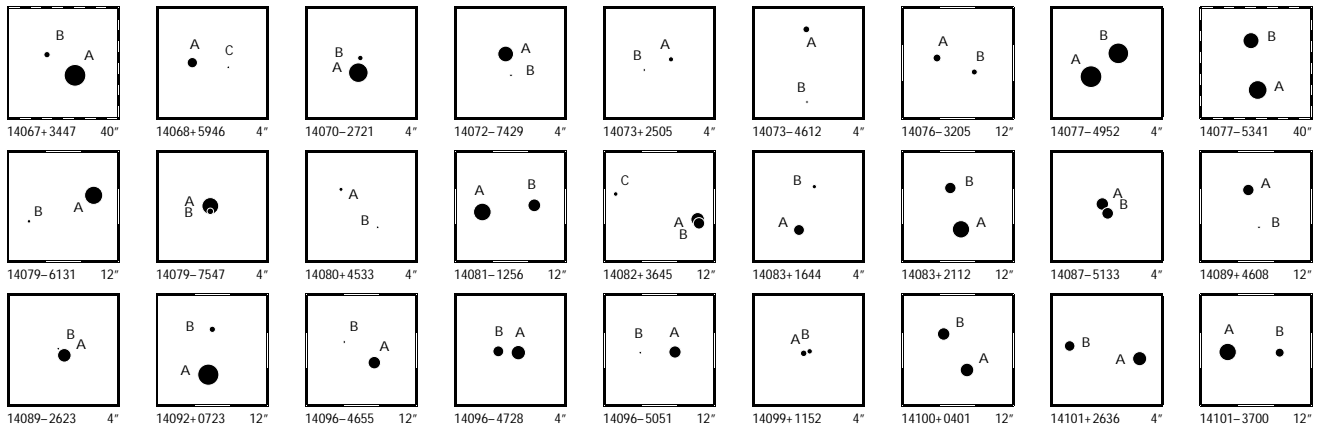
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
13596-6143	1	F CA	A 68365 B 68365	8.070 0.009 11.258 0.163							209.909 180 64 209.908 973 26	-61.723 328 10 -61.723 407 83	1.90 1.90	2.79 2.79	2.33 2.33	1.48 1.42 1.49 26.61 31.31 1.49	1.27 1.04 1.27 1.04					A 231	0.46		
13598+1953	1	F CA	A 68378 B 68378	9.501 0.008 9.744 0.010	9.648 0.033 9.862 0.034	9.176 0.032 9.424 0.038					209.950 849 86 209.951 307 43	+19.882 875 63 +19.882 854 82	7.77 7.77	15.62 15.62	-9.15 -9.15	2.18 2.07 2.50 5.12 4.04 2.50	2.29 2.03 2.29 2.03					A 126.7	1.93		
13598-0333	1	F CC	A 68380 B 68380	6.870 0.320 7.877 0.809							209.955 398 21 209.955 416 69	-3.549 655 04 -3.549 641 25	12.89 12.89	-29.68 -29.68	-56.30 -56.30	12.92 8.58 0.94 20.65 17.97 0.94	1.10 0.82 1.10 0.82					A 53	0.08		
13598-2639	1	L ND	D A 68374 B 68374	10.599 0.024 12.920 0.203	11.648 0.102	10.487 0.058					209.939 883 31 209.938 480 18	-26.644 444 88 -26.641 348 44	20.97 20.97	192.61 19.20	-59.97 -25.02	3.41 2.34 3.15 65.32 47.88 3.15	3.46 2.69 40.56 35.03					A 338.0	12.03	-0.7	+0.10
13599+2810	1	F ND	D A 68384 B 68384	9.481 0.011 13.228 0.327	9.944 0.027	9.424 0.027					209.981 990 69 209.981 671 25	+28.161 222 97 +28.161 442 94	8.43 8.43	-33.46 -33.46	21.84 21.84	1.84 1.65 2.30 77.51 86.86 2.30	1.61 1.61 1.61 1.61					A 308	1.29		
14001+0416	1	F CA	A 68392 B 68392	9.286 0.033 9.490 0.040							210.012 877 00 210.012 849 26	+4.273 251 07 +4.273 312 74	7.31 7.31	-31.71 -31.71	-19.42 -19.42	4.96 4.52 1.47 4.23 4.73 1.47	1.31 1.16 1.31 1.16					A 336	0.24		
14001-6247	1	I ND	D A 68399 B 68402	7.205 0.004 9.218 0.019	7.160 0.004 9.486 0.012	7.193 0.004 9.097 0.013					210.023 063 32 210.040 729 09	-62.782 136 45 -62.783 174 21	0.93 0.51	-11.15 -21.18	-5.92 -13.16	0.98 1.31 1.42 5.57 7.47 6.06	0.96 1.20 4.19 4.95					A 97.33	29.326	+0.02	-0.009
14002-5409	1	F CB	A 68406 B 68407	9.515 0.030 12.440 0.383	10.012 0.022	9.401 0.020					210.048 947 03 210.053 319 98	-54.148 750 06 -54.153 289 26	3.52 3.72	-8.25 -8.70	-5.64 -5.07	3.09 3.35 3.55 96.51 94.83 2.69	4.23 3.45 3.02 2.53					A 150.6	18.76		
14004-3517	1	F CB	A 68419 B 68419	9.188 0.015 12.221 0.244	9.330 0.019	9.085 0.021					210.099 130 62 210.099 380 72	-35.280 926 70 -35.281 252 47	2.27 2.27	-19.60 -19.60	-4.36 -4.36	3.01 2.39 3.28 78.89 63.23 3.28	3.81 2.95 3.81 2.95					A 148	1.38		
14008-4916	1	F CB	A 68448 B 68448	8.395 0.010 11.684 0.209	10.030 0.020	8.403 0.010					210.192 943 90 210.196 560 80	-49.274 861 17 -49.273 424 30	4.69 4.69	-22.01 -22.01	-7.44 -7.44	1.43 1.40 2.19 39.14 35.25 2.19	1.62 1.23 1.62 1.23					A 58.7	9.95		
14013+0042	1	F CA	A 68486 B 68486	9.490 0.125 10.780 0.409							210.314 442 55 210.314 466 65	+0.695 374 94 +0.695 411 62	7.26 7.26	-1.90 -1.90	-63.25 -63.25	5.48 8.12 1.64 24.57 26.79 1.64	1.59 1.09 1.59 1.09					A 33	0.16		
14013-4835	1	F CA	A 68485 B 68485	9.225 0.026 9.416 0.031							210.313 585 11 210.313 707 60	-48.587 061 53 -48.587 050 45	1.33 1.33	-7.88 -7.88	-3.53 -3.53	4.14 3.48 1.59 5.60 6.00 1.59	1.54 0.91 1.54 0.91					A 82	0.294		
14013-5145	1	F CB	A 68490 B 68490	9.170 0.009 12.190 0.149	9.597 0.020	9.137 0.020					210.322 187 22 210.320 381 77	-51.746 873 84 -51.748 246 69	5.30 5.30	-46.91 -46.91	-10.47 -10.47	1.69 1.44 2.28 50.20 29.90 2.28	1.54 1.48 1.54 1.48					A 219.2	6.37		
14018+5852	1	F CA	A 68529 B 68529	10.036 0.007 11.981 0.040	10.510 0.035	9.946 0.034					210.438 036 57 210.438 462 46	+58.868 312 72 +58.867 459 73	5.27 5.27	47.84 47.84	-31.45 -31.45	1.49 1.61 1.70 15.44 11.68 1.70	1.51 1.56 1.51 1.56					A 165.5	3.17		
14018-6119	1	F CA	A 68534 B 68534	9.500 0.018 11.734 0.135	9.707 0.025	9.321 0.026					210.446 221 97 210.444 174 09	-61.312 722 94 -61.312 780 77	7.79 7.79	-25.97 -25.97	-15.28 -15.28	2.67 2.41 3.53 33.25 25.83 3.53	2.61 2.33 2.61 2.33					A 266.6	3.55		
14019-1754	1	F CA	A 68538 B 68538	8.585 0.021 11.164 0.227							210.463 830 19 210.463 850 54	-17.893 579 19 -17.893 649 31	3.37 3.37	-31.75 -31.75	-23.81 -23.81	3.65 3.60 1.56 33.76 24.79 1.56	1.71 1.45 1.71 1.45					A 165	0.26		
14020+1530	1	L CA	A 68551 B 68551	11.420 0.014 11.499 0.015	12.403 0.222	11.266 0.129					210.494 514 51 210.494 531 19	+15.494 788 62 +15.494 328 78	37.28 37.28	105.12 124.02	-16.38 -18.34	5.78 4.35 5.79 10.93 8.55 5.79	4.70 3.41 7.46 5.68					A 178.0	1.66	-0.7	0.00
14020+1926	1	I ND	D A 68548 B 68549	9.658 0.036 10.093 0.048	10.418 0.034 10.860 0.053	9.531 0.026 9.886 0.037					210.490 691 92 210.492 955 44	+19.430 268 17 +19.424 889 71	11.17 4.95	-18.87 -14.00	3.88 6.14	5.76 5.92 6.77 16.94 15.86 13.77	6.58 5.90 13.18 11.16					A 158.35	20.83	-0.01	0.00
14020+5714	1	F CA	A 68554 B 68554	8.505 0.007 8.830 0.010							210.502 483 48 210.502 307 86	+57.224 602 16 +57.224 533 07	7.82 7.82	-7.77 -7.77	-6.25 -6.25	1.47 1.53 1.23 2.44 2.81 1.23	1.25 1.34 1.25 1.34					A 234.0	0.423		
14021-6711	1	F CA	A 68561 B 68561	9.264 0.013 10.477 0.034	9.642 0.018 10.867 0.075	9.125 0.017 10.176 0.070					210.534 491 67 210.535 378 44	-67.179 745 74 -67.180 701 23	6.28 6.28	-34.89 -34.89	-27.12 -27.12	1.92 1.90 2.71 8.50 8.79 2.71	2.17 1.98 2.17 1.98					A 160.2	3.66		
14023-5233	1	F CA	A 68575 B 68575	8.943 0.140 9.965 0.358							210.584 944 00 210.584 912 55	-52.553 216 77 -52.553 250 60	6.73 6.73	-59.95 -59.95	-12.08 -12.08	5.10 8.22 1.09 11.16 20.99 1.09	0.88 0.82 0.88 0.82					A 209	0.14		
14025-2440	1	F CA	A 68587 B 68587	8.418 0.005 10.585 0.037							210.614 574 57 210.614 567 35	-24.664 615 69 -24.664 500 07	15.37 15.37	-92.02 -92.02	-123.01 -123.01	1.70 1.33 1.39 14.48 7.62 1.39	1.46 0.99 1.46 0.99					A 357	0.42		
14026+6706	1	F CA	A 68599 B 68599	8.886 0.005 10.861 0.031							210.637 617 57 210.637 853 59	+67.098 620 09 +67.098 524 87	7.66 7.66	-87.27 -87.27	45.58 45.58	1.19 1.24 1.04 7.90 8.29 1.04	0.98 1.12 0.98 1.12					A 136	0.48		
14027-4150	1	F CA	A 68610 B 68610	10.037 0.013 11.897 0.073	10.366 0.033	10.016 0.036					210.676 758 04 210.678 325 56	-41.832 346 03 -41.832 921 94	4.08 4.08	-25.98 -25.98	-11.06 -11.06	2.40 1.81 2.63 17.21 16.34 2.63	2.40 1.95 2.40 1.95					A 116.2	4.69		
14028+1417	1	F CA	A 68624 B 68624	9.525 0.014 10.352 0.030							210.711 984 47 210.712 098 06	+14.279 719 53 +14.279 662 11	9.78 9.78	-103.11 -103.11	-19.92 -19.92	2.53 1.83 1.99 6.72 5.11 1.99	1.77 1.37 1.77 1.37					A 118	0.45		
14028-8151	1	F CA	A 68616 B 68616	9.400 0.005 9.409 0.005							210.694 804 19 210.695 830 11	-81.850 256 10 -81.850 406 84	10.83 10.83	-42.61 -42.61	-5.63 -5.63	2.75 2.74 2.38 3.56 3.24 2.38	2.31 2.54 2.31 2.54					A 136.0	0.754		
14029+2434	1	F CB	A 68628 B 68628	8.266 0.005 12.068 0.164							210.717 023 54 210.717 204 14	+24.561 832 37 +24.561 633 16	10.92 10.92	-15.32 -15.32	-126.27 -126.27	1.34 1.01 1.47 79.01 57.08 1.47	1.24 0.90 1.24 0.90					A 140	0.93		



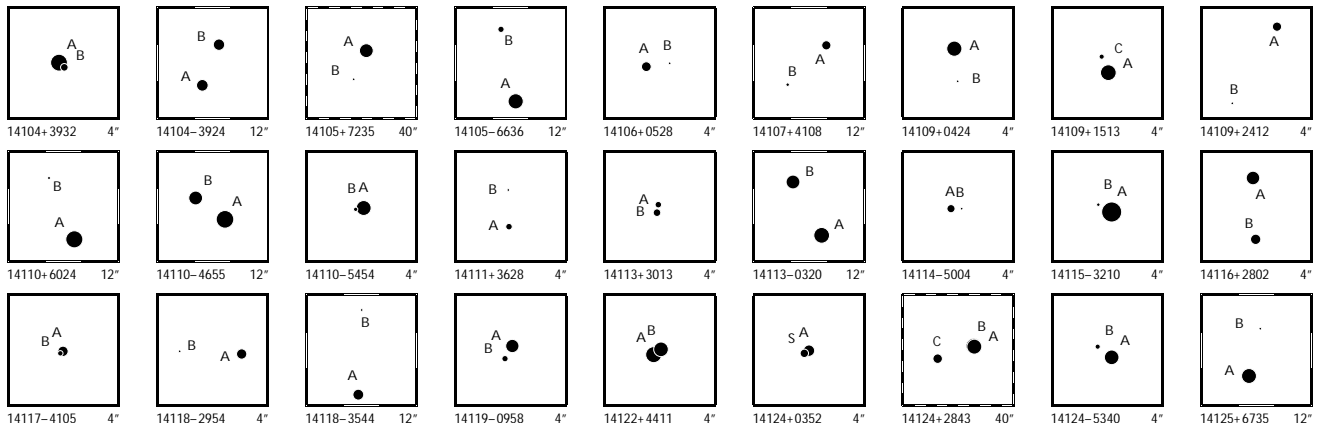
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14030-3141	1	F CA	A 68641 B 68641	6.558 0.004 7.927 0.015	6.973 0.007 8.374 0.014	6.504 0.007 7.743 0.013		210.757 109 80 210.756 637 59	-31.684 195 97 -31.684 698 55	26.13 26.13	24.53 24.53	66.02 66.02	1.00 5.01	1.00 4.94	1.22 1.22	1.25 1.25	1.37 1.37	A	218.6	2.316						
14035-5204	1	F CA	A 68677 B 68677	7.485 0.032 9.702 0.248				210.878 707 91 210.878 800 48	-52.059 383 01 -52.059 402 93	1.04 1.04	-9.37 -9.37	-4.27 -4.27	3.89 17.68	2.60 15.87	0.93 0.93	0.74 0.74	0.67 0.67	A	109	0.22						
14037+0829	1	F CA	A 68697 B 68697	8.147 0.207 8.778 0.371				210.930 272 36 210.930 267 71	+8.487 044 20 +8.487 017 48	13.40 13.40	31.91 31.91	-14.41 -14.41	6.78 14.12	10.99 13.65	0.90 0.90	0.86 0.86	0.45 0.45	A	190	0.10						
14037-4618	1	F CA	A 68694 B 68694	9.541 0.013 10.024 0.019	9.844 0.031 10.207 0.055	9.296 0.025 9.587 0.048		210.917 404 39 210.918 175 63	-46.301 827 94 -46.302 411 25	5.82 5.82	-85.29 -85.29	-15.80 -15.80	3.26 6.87	2.26 5.23	3.05 3.05	3.13 3.13	2.38 2.38	A	137.6	2.84						
14038-2409	1	F CA	A 68699 B 68699	9.696 0.008 10.632 0.018	9.755 0.036	9.355 0.038		210.937 060 78 210.936 722 97	-24.147 790 20 -24.147 682 05	3.00 3.00	-35.66 -35.66	-17.78 -17.78	3.32 9.34	2.07 5.23	3.09 3.09	3.73 3.73	2.50 2.50	A	289.3	1.18						
14038-6022	1	F CA	A 68702 B 68702	0.584 0.003 3.950 0.010				210.956 018 98 210.955 625 00	-60.372 978 40 -60.373 122 02	6.21 6.21	-33.96 -33.96	-25.06 -25.06	0.43 11.13	0.44 13.88	0.56 0.56	0.51 0.51	0.45 0.45	A	234	0.87						
14040-4437	1	F CA	G A 68717 B 68717 C 68717	8.575 0.010 8.740 0.010 12.431 0.495				211.008 380 50 211.008 372 15 211.011 430 70	-44.614 428 70 -44.614 638 33 -44.613 993 15	9.10 9.10 9.10	-12.15 -12.15 -12.15	-16.96 -16.96 -16.96	3.80 6.54 43.80	4.35 6.55 32.24	4.71 4.71 4.71	3.68 3.68 3.68	5.03 5.03 5.03	A	182	0.75						
14041-2119	1	F CB	A 68727 B 68727	8.738 0.043 11.698 0.657				211.029 828 77 211.029 820 23	-21.313 713 94 -21.313 644 14	8.86 8.86	56.73 56.73	17.98 17.98	3.55 31.30	8.70 39.30	1.88 1.88	1.87 1.87	1.65 1.65	A	353	0.25						
14041-4324	1	F CA	A 68725 B 68725	10.085 0.011 10.289 0.013	9.990 0.029 10.189 0.028	9.587 0.034 9.738 0.048		211.024 462 31 211.025 193 44	-43.402 654 10 -43.403 024 22	5.11 5.11	15.81 15.81	-0.09 -0.09	2.88 5.98	2.43 4.70	3.27 3.27	2.47 2.47	2.69 2.69	A	124.9	2.33						
14043-5728	1	F NC	A 68743 B 68743	9.296 0.020 12.826 0.492	9.689 0.028	9.154 0.028		211.071 604 95 211.073 468 27	-57.473 732 59 -57.469 762 36	7.14 7.14	-53.26 -53.26	-20.72 -20.72	1.55 108.90	1.60 113.15	2.07 2.07	1.67 1.67	1.75 1.75	A	14.2	14.74						
14044-2836	1	F CA	A 68753 B 68753	8.575 0.003 10.552 0.018				211.090 753 68 211.090 598 35	-28.599 843 45 -28.600 003 45	1.67 1.67	-26.60 -26.60	-13.50 -13.50	1.32 8.95	0.87 6.05	1.33 1.33	1.48 1.48	1.06 1.06	A	220	0.76						
14046-3539	1	F CA	A 68775 B 68775	7.461 0.007 9.687 0.043				211.155 445 19 211.155 427 80	-35.645 346 49 -35.645 250 19	7.79 7.79	27.57 27.57	-12.99 -12.99	1.86 16.31	1.40 8.97	1.32 1.32	1.39 1.39	1.12 1.12	A	352	0.35						
14047-7204	1	F CB	A 68779 B 68779	8.403 0.261 9.030 0.465				211.171 726 22 211.171 787 29	-72.069 629 86 -72.069 601 63	10.52 10.52	52.44 52.44	-17.31 -17.31	9.18 15.60	13.01 21.65	0.82 0.82	0.65 0.65	0.75 0.75	A	34	0.12						
14048-0633	1	F CA	A 68789 B 68789	8.255 0.006 9.353 0.015	8.512 0.009 9.493 0.033	8.134 0.009 8.983 0.032		211.203 205 04 211.202 142 10	-6.552 399 08 -6.551 870 70	6.90 6.90	-52.60 -52.60	-6.33 -6.33	1.87 8.10	1.26 4.21	1.84 1.84	2.07 2.07	1.46 1.46	A	296.6	4.25						
14048-4128	1	F CA	A 68786 B 68786	8.691 0.010 11.603 0.138	8.768 0.017	8.630 0.020		211.192 776 26 211.194 271 68	-41.460 716 70 -41.458 321 81	4.41 4.41	-30.26 -30.26	-4.23 -4.23	1.56 26.70	1.38 33.05	1.84 1.84	1.74 1.74	1.50 1.50	A	25.1	9.52						
14055-3633	1	I CA	A 68824 B 68826	8.259 0.021 9.586 0.053	8.589 0.018 10.042 0.046	8.235 0.019 9.719 0.054		211.376 454 67 211.381 902 11	-36.545 229 33 -36.548 876 38	4.84 20.71	-15.53 -24.17	-12.74 -11.93	2.80 25.30	1.93 16.59	2.61 9.40	2.79 11.65	2.22 8.61	A	129.81	20.51	+0.01	-0.01				
14056-3916	1	F CA	A 68831 S 68831	10.054 0.072 10.740 0.136				211.410 440 29 211.410 441 72	-39.270 058 92 -39.269 995 10	3.67 3.67	20.71 20.71	7.22 7.22	4.27 9.71	8.69 14.24	2.06 2.06	1.82 1.82	1.59 1.59	A	1	0.23						
14057-4910	1	F FD	D A 68836 B 68836	10.806 0.016 11.718 0.035	11.339 0.068	10.532 0.051		211.424 566 04 211.424 895 84	-49.162 751 02 -49.162 368 13	7.41 7.41	1.82 1.82	-3.99 -3.99	3.40 15.66	3.85 9.87	5.28 5.28	3.77 3.77	3.56 3.56	A	29	1.58						
14060-1304	1	I CA	A 68855 B 68856	9.107 0.014 9.824 0.023	9.436 0.021 10.191 0.034	9.076 0.022 9.673 0.033		211.489 102 68 211.489 581 87	-13.073 647 29 -13.069 901 70	3.72 -0.99	-31.62 -33.24	-8.68 -14.43	4.71 12.05	2.92 6.97	4.21 8.55	5.40 11.11	3.00 5.86	A	7.2	13.59	0.0	-0.01				
14061+0131	1	F CB	A 68864 B 68864	8.772 0.010 11.976 0.191	9.082 0.013	8.687 0.014		211.525 940 50 211.526 611 43	+1.514 156 14 +1.513 283 47	5.29 5.29	-2.29 -2.29	4.64 4.64	1.66 52.72	1.01 19.00	1.68 1.68	1.75 1.75	0.99 0.99	A	142	3.96						
14061-6131	1	F CA	A 68865 B 68865	9.008 0.014 11.220 0.097	9.040 0.018	9.016 0.024		211.528 642 04 211.536 225 61	-61.514 431 19 -61.515 901 59	5.51 5.51	-8.56 -8.56	-7.76 -7.76	1.80 26.73	1.80 27.56	2.49 2.49	1.93 1.93	1.71 1.71	A	112.1	14.06						
14063+0314	1	F CA	A 68889 B 68889	10.513 0.010 12.919 0.089	11.753 0.102	10.387 0.050		211.574 387 40 211.573 832 39	+3.235 698 59 +3.235 752 17	22.60 22.60	-328.27 -328.27	-4.10 -4.10	2.87 30.61	1.75 22.74	2.90 2.90	2.44 2.44	1.80 1.80	A	276	2.00						
14063+2200	1	F ND	D A 68887 B 68887	9.921 0.012 13.543 0.334	10.366 0.039	9.803 0.036		211.568 672 83 211.568 951 87	+21.998 959 53 +21.998 788 16	0.32 0.32	-24.65 -24.65	15.38 15.38	1.89 86.93	1.64 77.96	2.32 2.32	1.75 1.75	1.49 1.49	A	124	1.12						
14063-2635	1	F CA	A 68891 B 68891	8.138 0.041 8.233 0.045				211.579 186 28 211.579 246 18	-26.579 222 55 -26.579 269 36	7.70 7.70	24.53 24.53	-24.19 -24.19	6.82 6.38	4.25 4.23	1.05 1.05	1.01 1.01	0.92 0.92	A	131	0.26						
14063-5301	1	F CA	A 68884 B 68884	9.378 0.009 12.038 0.105	9.979 0.022	9.279 0.019		211.563 373 21 211.560 210 60	-53.009 907 43 -53.011 417 61	3.92 3.92	-36.28 -36.28	2.31 2.31	1.48 27.84	1.48 23.77	2.10 2.10	1.85 1.85	1.60 1.60	A	231.6	8.75						
14065+3825	1	I CA	A 68905 B 68907	8.146 0.007 10.743 0.068	9.107 0.012 10.901 0.038	8.093 0.009 10.348 0.038		211.611 856 60 211.616 190 77	+38.417 563 04 +38.421 196 54	3.90 -0.89	11.09 5.91	-0.83 7.47	1.03 19.69	1.51 32.37	1.52 14.92	1.08 9.45	1.45 13.89	A	43.06	17.90	-0.03	0.00				
14065-0249	1	F CA	A 68906 B 68906	10.340 0.015 10.656 0.020				211.613 351 71 211.613 468 63	-2.811 398 71 -2.811 366 75	3.72 3.72	-10.74 -10.74	-10.24 -10.24	6.15 9.59	3.15 6.42	3.70 3.70	5.03 5.03	2.44 2.44	A	75	0.44						



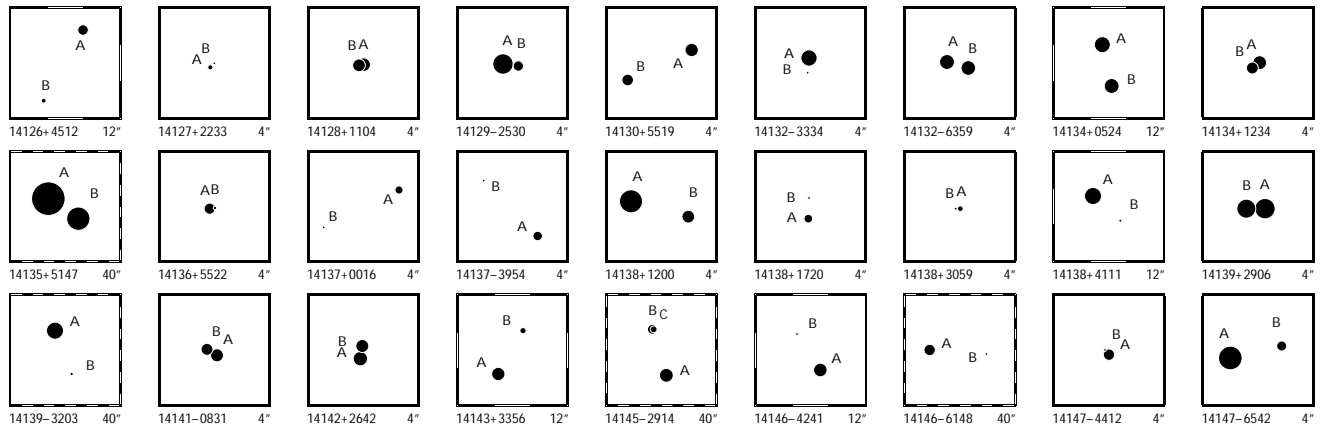
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14067+3447	1	F CA	A 68935 B 68935	7.189 0.005 10.592 0.101	8.305 0.009 10.973 0.053	7.120 0.006 10.469 0.058	211.673 321 92 +34.778 576 98 211.676 856 63 +34.780 624 62	7.01 7.01	15.85 -4.12 15.85 -4.12	0.76 0.76 0.98 0.85 0.79 22.66 27.78 0.98 0.85 0.79	A 54.8 12.79														
14068+5946	1	F CA	A 68944 C 68944	9.735 0.009 11.845 0.061	10.098 0.026	9.586 0.026	211.693 083 32 +59.771 374 11 211.692 361 69 +59.771 320 42	9.39 9.39	-15.49 -33.47 -15.49 -33.47	1.64 1.69 1.69 1.67 1.82 21.07 17.56 1.69 1.67 1.82	A 262 1.32														
14070-2721	1	F CA	A 68961 B 68961	7.703 0.004 10.791 0.061			211.758 085 54 -27.352 867 07 211.758 056 56 -27.352 714 10	5.01 5.01	13.82 14.47 13.82 14.47	0.98 0.91 1.11 1.04 0.85 15.59 9.23 1.11 1.04 0.85	A 350 0.56														
14072-7429	1	F CA	A 68972 B 68972	8.526 0.004 11.674 0.060			211.809 456 01 -74.489 936 40 211.809 286 49 -74.490 158 83	5.73 5.73	-26.20 -9.49 -26.20 -9.49	0.93 0.88 1.09 0.95 0.97 20.05 17.86 1.09 0.95 0.97	A 192 0.82														
14073+2505	1	F CA	A 68974 B 68974	10.843 0.011 11.505 0.019			211.816 684 96 +25.091 551 63 211.816 991 35 +25.091 438 76	3.29 3.29	19.64 -18.80 19.64 -18.80	3.71 3.46 4.63 3.35 3.01 8.73 8.39 4.63 3.35 3.01	A 112.1 1.08														
14073-4612	1	F ND	D A 68976 B 68976	10.500 0.021 13.169 0.235	11.022 0.062	10.377 0.053	211.817 281 39 -46.193 420 16 211.817 281 90 -46.194 163 26	4.59 4.59	-51.84 -25.71 -51.84 -25.71	2.50 2.00 2.59 3.20 2.00 63.21 51.14 2.59 3.20 2.00	A 180 2.68														
14076-3205	1	F CA	A 69003 B 69003	10.288 0.009 10.669 0.013	10.593 0.046	10.071 0.046 10.908 0.063	211.901 467 16 -32.078 288 38 211.900 115 77 -32.078 727 97	3.84 3.84	-2.87 -5.32 -2.87 -5.32	3.57 2.67 3.52 3.91 3.09 6.93 5.63 3.52 3.91 3.09	A 249.0 4.42														
14077-4952	1	L CA	A 69012 B 69012	7.222 0.005 7.459 0.006			211.923 162 33 -49.867 866 12 211.922 721 66 -49.867 618 47	24.74 24.74	-37.28 106.39 -22.84 114.29	1.23 1.03 1.26 1.23 0.98 1.89 2.52 1.26 1.69 2.20	A 311.1 1.357 +0.7 -0.006														
14077-5341	1	I CA	A 69018 B 69019	7.877 0.021 8.484 0.030	10.436 0.041 8.910 0.015	8.070 0.012 8.447 0.015	211.935 758 02 -53.691 082 87 211.936 890 59 -53.685 943 88	0.10 5.62	-1.40 -2.14 -46.83 -14.74	3.10 2.73 3.32 3.71 2.93 12.50 10.74 6.51 11.41 8.04	A 7.44 18.66 -0.13 -0.02														
14079-6131	1	F CA	A 69041 B 69041	7.994 0.005 11.246 0.102	7.991 0.008	7.961 0.011 11.052 0.168	211.986 128 57 -61.508 930 79 211.990 314 30 -61.509 728 35	1.40 1.40	-9.60 -7.11 -9.60 -7.11	1.06 1.01 1.37 1.05 1.00 31.21 24.97 1.37 1.05 1.00	A 111.8 7.74														
14079-7547	1	F CB	A 69027 B 69027	8.253 0.045 10.559 0.377			211.966 533 38 -75.782 758 11 211.966 536 16 -75.782 812 97	3.06 3.06	-17.04 -3.12 -17.04 -3.12	2.95 4.86 0.71 0.70 0.68 24.54 30.17 0.71 0.70 0.68	A 179 0.20														
14080+4533	1	F CA	W A 69050 B 69050	11.092 0.012 11.763 0.022	12.412 0.201	10.803 0.077	212.006 845 40 +45.542 348 91 212.006 293 98 +45.541 962 80	17.19 17.19	-28.04 -83.55 -28.04 -83.55	3.00 3.88 4.16 3.51 4.07 7.49 9.50 4.16 3.51 4.07	A 225.0 1.97														
14081-1256	1	F CA	A 69054 B 69054	8.079 0.005 9.179 0.014	8.647 0.020 9.839 0.050	8.010 0.018 9.022 0.041	212.016 788 92 -12.928 102 28 212.015 138 58 -12.927 899 89	16.06 16.06	117.39 -111.47 117.39 -111.47	1.72 1.12 1.72 1.68 1.08 7.15 4.19 1.72 1.68 1.08	A 277.17 5.84														
14082+3645	1	F CA	G A 69062 B 69062 C 69062	9.009 0.009 9.487 0.012 10.961 0.053	11.178 0.052	10.605 0.050	212.049 347 04 +36.749 067 12 212.049 273 62 +36.748 944 90 212.052 476 19 +36.749 861 15	5.00 5.00 5.00	25.84 -15.23 25.84 -15.23 25.84 -15.23	1.41 1.53 2.00 1.31 1.48 6.03 5.94 2.00 1.31 1.48 10.75 10.72 2.00 1.31 1.48	A 206 0.49 A 72.4 9.47														
14083+1644	1	F CA	A 69071 B 69071	9.589 0.009 11.012 0.031	9.815 0.022 10.544 0.109	9.327 0.021 9.993 0.119	212.079 774 89 +16.725 659 45 212.079 617 08 +16.726 102 12	8.34 8.34	-54.61 32.12 -54.61 32.12	2.22 1.89 2.44 2.49 1.89 12.31 7.99 2.44 2.49 1.89	A 341.1 1.68														
14083+2112	1	L CA	A 69066 B 69066	8.185 0.007 9.485 0.021	8.618 0.012 9.982 0.037	8.123 0.012 9.281 0.032	212.064 684 88 +21.193 147 86 212.065 040 28 +21.194 428 57	12.30 12.30	7.82 -53.80 6.94 -36.51	1.71 1.15 1.57 1.63 0.93 7.62 6.14 1.57 5.41 4.34	A 14.5 4.762 -0.1 +0.017														
14087-5133	1	F CA	A 69099 B 69099	9.265 0.011 9.419 0.013			212.170 851 35 -51.546 405 98 212.170 761 42 -51.546 497 92	5.68 5.68	-48.62 -31.86 -48.62 -31.86	1.98 2.15 2.43 1.74 1.57 2.89 3.21 2.43 1.74 1.57	A 211 0.387														
14089+4608	1	F CA	A 69117 B 69117	9.491 0.008 11.985 0.075	9.918 0.021	9.384 0.020	212.227 429 76 +46.134 255 35 212.226 952 68 +46.133 093 55	0.83 0.83	13.03 -2.50 13.03 -2.50	1.18 1.51 1.58 1.41 1.53 16.76 16.08 1.58 1.41 1.53	A 195.9 4.35														
14089-2623	1	F CB	A 69119 B 69119	9.006 0.018 12.104 0.313			212.230 287 13 -26.379 285 17 212.230 353 29 -26.379 211 04	9.25 9.25	-225.69 45.80 -225.69 45.80	3.73 3.62 2.39 2.58 2.12 57.94 49.40 2.39 2.58 2.12	A 39 0.34														
14092+0723	1	F CA	A 69140 B 69140	7.343 0.004 10.645 0.071	8.468 0.011 10.872 0.072	7.282 0.007 10.085 0.050	212.296 786 58 +7.384 976 56 212.296 642 31 +7.386 365 01	6.21 6.21	-24.22 -6.64 -24.22 -6.64	1.05 0.68 1.14 1.09 0.66 24.13 17.55 1.14 1.09 0.66	A 354.1 5.02														
14096-4655	1	F CA	A 69173 B 69173	9.260 0.008 11.830 0.081	9.265 0.024	9.200 0.031	212.391 166 25 -46.922 562 79 212.392 525 53 -46.921 927 73	2.40 2.40	-11.84 -17.53 -11.84 -17.53	1.64 1.28 1.89 1.47 1.52 23.08 19.02 1.89 1.47 1.52	A 55.6 4.05														
14096-4728	1	F CA	A 69175 B 69175	8.818 0.008 9.608 0.016			212.397 609 90 -47.473 884 53 212.397 918 86 -47.473 875 67	8.77 8.77	4.78 -24.41 4.78 -24.41	1.82 1.51 1.98 2.03 1.57 4.04 4.12 1.98 2.03 1.57	A 87.6 0.752														
14096-5051	1	F CA	A 69177 B 69177	9.274 0.007 11.666 0.058	9.316 0.015	9.221 0.019	212.404 401 21 -50.850 871 57 212.406 105 73 -50.850 894 67	4.04 4.04	-16.27 -3.16 -16.27 -3.16	1.25 1.20 1.68 1.20 1.19 14.15 11.91 1.68 1.20 1.19	A 91.2 3.87														
14099+1152	1	F CA	A 69189 B 69189	10.579 0.106 10.792 0.130			212.465 197 39 +11.869 060 26 212.465 130 61 +11.869 089 69	-0.44 -0.44	-27.80 3.79 -27.80 3.79	12.87 6.17 1.91 1.55 1.20 14.58 7.96 1.91 1.55 1.20	A 294 0.26														
14100+0401	1	F CA	A 69196 B 69196	8.994 0.006 9.265 0.007	9.442 0.018 9.642 0.024	8.898 0.017 9.099 0.023	212.488 523 40 +4.015 778 78 212.489 252 82 +4.016 894 06	4.68 4.68	-6.91 -48.00 -6.91 -48.00	2.41 1.45 2.54 1.86 1.43 3.65 2.98 2.54 1.86 1.43	A 33.12 4.794														
14101+2636	1	F CA	A 69206 B 69206	8.896 0.006 9.666 0.011	9.411 0.017 10.044 0.033	8.727 0.020 9.389 0.028	212.532 312 74 +26.599 470 02 212.533 118 31 +26.599 593 91	13.81 13.81	-172.44 -53.01 -172.44 -53.01	1.66 1.39 1.74 1.61 1.36 4.88 3.83 1.74 1.61 1.36	A 80.2 2.63														
14101-3700	1	F CA	A 69200 B 69200	8.148 0.008 10.022 0.041	8.387 0.015 10.537 0.204	8.093 0.016 10.065 0.213	212.513 898 73 -36.993 908 04 212.511 913 32 -36.993 943 86	11.55 11.55	17.86 -13.69 17.86 -13.69	1.51 1.30 1.86 1.49 1.46 8.66 12.03 1.86 1.49 1.46	A 268.7 5.71														



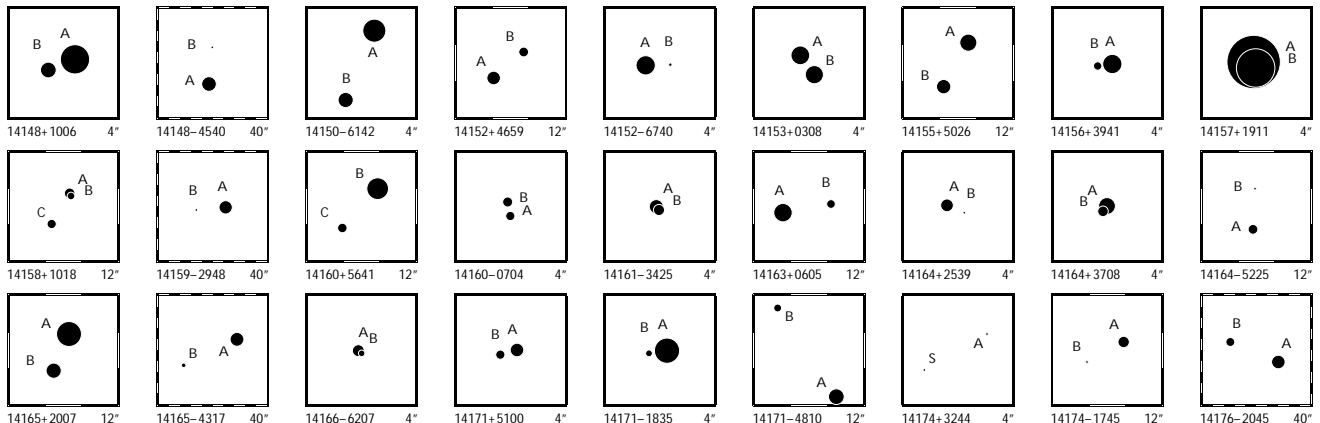
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _I	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
14104+3932	1	FCA	A 69227 B 69227	8.285 0.024 10.345 0.158							212.607 522 39 +39.526 410 70 212.607 454 82 +39.526 357 23	11.54 11.54	-1.66 -44.86 -1.66 -44.86	3.32 3.56 1.13 14.87 17.50 1.13	0.89 0.97 0.89 0.97	A 224	0.27									
14104-3924	1	FCA	A 69229 B 69229	9.424 0.014 9.485 0.015	9.440 0.025 9.439 0.024	9.283 0.030 9.325 0.030					212.610 656 31 -39.396 947 04 212.609 986 75 -39.395 694 48	1.28 1.28	-9.38 -7.63 -9.38 -7.63	4.77 3.12 4.40 10.38 8.81 4.40	4.06 3.22 4.06 3.22	A 337.6	4.88									
14105+7235	1	FCA	A 69240 B 69240	8.938 0.008 11.821 0.099	9.744 0.018	8.859 0.014					212.622 731 14 +72.590 399 16 212.627 195 47 +72.587 476 44	18.84 18.84	-62.17 -94.72 -62.17 -94.72	1.19 1.21 1.24 28.00 30.16 1.24	1.24 1.18 1.24 1.18	A 155.4	11.57									
14105-6636	1	FCA	A 69243 B 69243	8.635 0.007 10.645 0.039	8.775 0.009 10.873 0.051	8.577 0.011 10.231 0.047					212.633 205 69 -66.602 809 23 212.634 338 77 -66.600 582 25	2.33 2.33	-32.92 -16.89 -32.92 -16.89	1.22 1.36 1.83 10.64 10.88 1.83	1.32 1.53 1.32 1.53	A 11.4	8.18									
14106+0528	1	FCB	A 69245 B 69245	9.824 0.013 12.317 0.121							212.638 880 73 +5.472 225 60 212.638 637 05 +5.472 250 39	14.87 14.87	-24.59 13.86 -24.59 13.86	2.35 1.62 2.58 26.40 19.84 2.58	2.16 1.66 2.16 1.66	A 276	0.88									
14107+4108	1	FCA	A 69255 B 69255	9.934 0.009 11.225 0.029	10.380 0.031 11.296 0.071	9.872 0.030 10.753 0.066					212.672 555 41 +41.126 219 08 212.674 163 89 +41.125 003 48	6.17 6.17	-46.43 -0.76 -46.43 -0.76	1.61 1.75 2.01 6.75 7.37 2.01	1.68 1.71 1.68 1.71	A 135.1	6.18									
14109+0424	1	FCB	A 69280 B 69280	8.636 0.009 11.452 0.122	9.220 0.020	8.553 0.017					212.732 132 52 +4.404 545 72 212.732 104 07 +4.404 513 91	14.15 14.15	-135.85 8.35 -135.85 8.35	2.17 1.78 2.36 42.84 43.43 2.36	2.02 1.63 2.02 1.63	A 185	1.20									
14109+1513	1	LCA	A 69281 C 69281	8.534 0.004 10.858 0.031							212.732 582 88 +15.215 670 42 212.732 657 23 +15.215 830 87	17.39 17.39	-79.58 -69.02 -101.94 -71.54	1.48 1.21 1.54 12.30 9.72 1.54	1.27 0.97 8.66 5.96	A 24	0.633	-2	-0.011							
14109+2412	1	FND	D	A 69270 B 69270	9.944 0.013 13.472 0.323	10.713 0.047	9.920 0.036				212.715 936 21 +24.206 364 26 212.716 432 23 +24.205 513 50	9.36 9.36	40.78 10.20 40.78 10.20	1.70 1.50 2.02 76.64 72.16 2.02	1.64 1.46 1.64 1.46	A 150	3.29									
14110+6024	1	FCA	A 69294 B 69294	8.197 0.006 11.359 0.109	10.122 0.021	8.266 0.009					212.751 741 15 +60.407 478 83 212.753 289 25 +60.409 359 19	0.50 0.50	-33.79 5.34 -33.79 5.34	1.07 1.16 1.16 27.54 28.17 1.16	1.04 1.19 1.04 1.19	A 22.1	7.31									
14110-4655	1	FCA	A 69287 B 69287	8.112 0.006 8.918 0.011	8.300 0.013 9.169 0.043	7.937 0.013 8.701 0.044					212.742 360 56 -46.910 809 25 212.743 687 94 -46.910 153 54	6.31 6.31	-31.41 1.29 -31.41 1.29	1.44 1.23 1.68 4.56 3.66 1.68	1.29 1.46 1.29 1.46	A 54.1	4.028									
14110-5454	1	LCA	A 69296 B 69296	8.721 0.036 11.027 0.300							212.755 933 84 -54.897 255 09 212.756 073 54 -54.897 260 29	3.16 3.16	16.44 -22.16 -21.50 96.29	7.79 2.70 1.52 28.52 23.44 1.52	2.40 6.51 12.81 37.29	A 94	0.29	-23	-0.05							
14111+3628	1	FCA	A 69304 B 69304	10.575 0.019 11.845 0.059	10.911 0.040	10.272 0.033					212.781 541 97 +36.463 068 31 212.781 544 64 +36.463 442 37	5.72 5.72	-31.78 18.62 -31.78 18.62	2.89 3.35 4.38 16.51 22.81 4.38	3.07 3.48 3.07 3.48	A 0	1.35									
14113+3013	1	FCA	B 69321 A 69321	10.334 0.040 10.543 0.049							212.822 208 91 +30.223 978 67 212.822 193 91 +30.224 062 26	4.13 4.13	-8.18 -24.68 -8.18 -24.68	5.49 4.67 2.28 4.38 4.66 2.28	2.20 1.79 2.20 1.79	B 351	0.30									
14113-0320	1	LCA	A 69328 B 69328	8.504 0.005 8.941 0.008	9.036 0.018 9.495 0.023	8.399 0.016 8.785 0.019					212.835 284 75 -3.338 094 49 212.836 162 16 -3.336 469 76	15.37 15.37	84.45 -175.95 86.22 -185.45	2.20 1.85 2.60 3.99 2.85 2.60	3.03 1.85 3.78 2.51	A 28.33	6.645	+0.05	-0.008							
14114-5004	1	FCA	A 69332 B 69332	10.220 0.017 11.471 0.054							212.846 823 50 -50.069 919 04 212.846 652 00 -50.069 919 12	4.97 4.97	-21.63 -8.51 -21.63 -8.51	3.40 2.73 2.91 12.96 12.82 2.91	2.70 2.48 2.70 2.48	A 270	0.40									
14115-3210	1	FCB	A 69337 B 69337	7.545 0.004 11.190 0.114							212.872 184 66 -32.168 504 77 212.872 354 44 -32.168 426 84	8.36 8.36	29.01 -0.13 29.01 -0.13	1.33 1.01 1.27 40.82 38.22 1.27	1.41 1.12 1.41 1.12	A 62	0.59									
14116+2802	1	FCA	A 69344 B 69344	9.013 0.006 9.725 0.010	9.392 0.017 9.897 0.031	8.842 0.015 9.296 0.031					212.890 255 41 +28.036 725 96 212.890 223 73 +28.036 091 61	7.76 7.76	-25.93 44.24 -25.93 44.24	1.62 1.94 2.03 3.24 4.14 2.03	1.99 1.93 1.99 1.93	A 182.5	2.286									
14117-4105	1	FCC	A 69354 B 69354	9.714 0.347 10.784 0.929							212.932 388 11 -41.083 298 85 212.932 429 88 -41.083 322 37	2.17 2.17	-15.53 -10.38 -15.53 -10.38	15.31 14.40 1.34 58.94 36.15 1.34	1.21 1.06 1.21 1.06	A 127	0.14									
14118-2954	1	FCA	A 69360 B 69360	9.699 0.007 12.250 0.064	10.363 0.041	9.569 0.032					212.955 360 83 -29.897 952 37 212.956 091 24 -29.897 922 30	8.43 8.43	-123.46 -8.01 -123.46 -8.01	1.80 1.59 2.10 26.37 17.01 2.10	1.95 1.81 1.95 1.81	A 87.3	2.28									
14118-3544	1	FCA	A 69355 B 69355	9.591 0.008 12.338 0.096	10.083 0.035	9.534 0.033					212.940 066 14 -35.735 402 01 212.939 961 72 -35.732 790 22	3.83 3.83	17.67 -8.97 17.67 -8.97	2.12 1.47 2.31 49.23 26.62 2.31	2.55 1.98 2.55 1.98	A 358.1	9.41									
14119-0958	1	FCA	A 69363 B 69363	9.058 0.005 10.643 0.022							212.980 660 93 -9.964 727 40 212.980 739 33 -9.964 856 90	2.87 2.87	-13.92 10.38 -13.92 10.38	2.51 1.73 2.31 15.18 6.24 2.31	2.29 1.81 2.29 1.81	A 149	0.54									
14122+4411	1	FCA	A 69388 B 69388	8.432 0.013 8.758 0.017							213.061 085 69 +44.189 575 73 213.060 979 68 +44.189 627 11	6.94 6.94	-40.29 22.28 -40.29 22.28	1.64 1.50 1.05 2.45 2.55 1.05	0.94 0.73 0.94 0.73	A 304	0.330									
14124+0352	1	FCA	A 69393 S 69393	9.478 0.155 10.155 0.289							213.090 603 86 +3.867 248 11 213.090 651 33 +3.867 222 11	1.97 1.97	-67.80 54.85 -67.80 54.85	13.75 7.28 1.62 23.13 12.97 1.62	1.31 1.02 1.31 1.02	A 119	0.19									
14124+2843	1	FNB	G	B 69399 A 69399 C 69401	8.607 0.034 8.726 0.037 9.903 0.073	10.244 0.036	9.783 0.036				213.111 206 63 +28.717 340 69 213.111 144 43 +28.717 286 69 213.115 427 39 +28.716 105 81	11.30 11.30 11.30	-35.43 12.20 -35.43 12.20 -35.43 12.20	3.65 3.92 1.82 2.77 2.63 1.82 10.57 10.99 1.82	1.62 1.35 1.62 1.35 1.62 1.35	B 225 B 108.45	0.276 14.05									
14124-5340	1	FCA	A 69394 B 69394	8.756 0.006 10.834 0.036							213.092 448 63 -53.660 313 40 213.092 694 92 -53.660 199 83	1.62 1.62	-14.68 -6.89 -14.68 -6.89	1.19 1.12 1.59 7.48 8.46 1.59	1.40 1.06 1.40 1.06	A 52	0.67									
14125+6735	1	FCB	A 69400 B 69400	8.699 0.006 12.276 0.147	9.541 0.016	8.612 0.012					213.111 800 64 +67.586 178 81 213.110 935 22 +67.587 657 18	25.89 25.89	142.13 -9.89 142.13 -9.89	1.06 1.04 1.04 36.49 35.34 1.04	1.01 1.12 1.01 1.12	A 347.4	5.45									



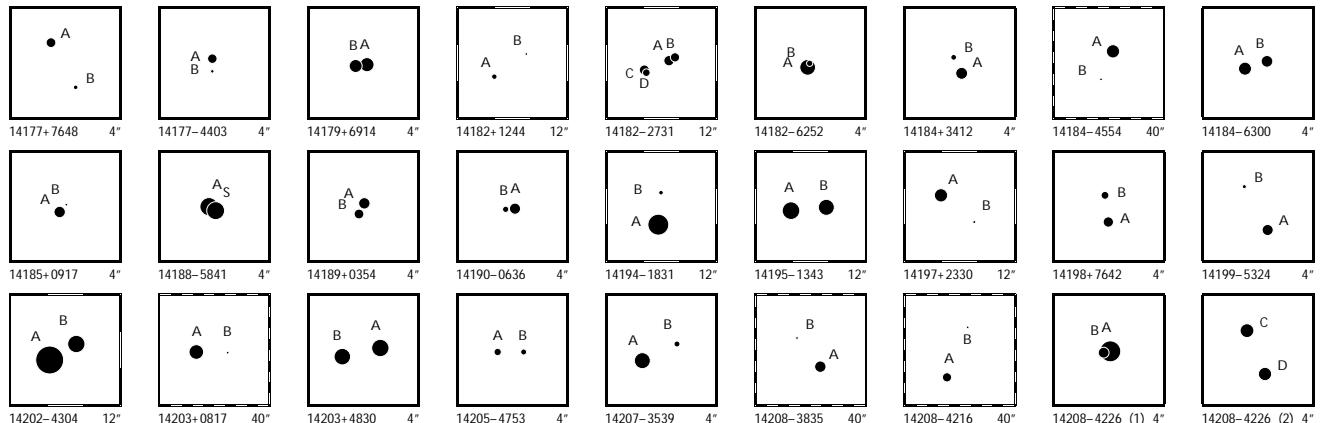
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	deg	deg	17	18	19	20	21	22	23	24	25	26	27	28	29
14126+4512	1	F CA	A 69405 B 69405	9.637 0.008 10.915 0.025	10.176 0.025 11.435 0.074	9.548 0.024 10.610 0.057		213.151 034 41 +45.197 838 60 213.152 762 19 +45.195 664 20	6.42 6.42	-30.34 -30.34	31.33 31.33	1.44 6.96	1.72 7.24	1.89 1.89	1.40 1.40	1.44 1.44	A 150.75 8.97										
14127+2233	1	F CC	A 69412 B 69412	10.878 0.202 12.515 0.914				213.176 605 75 +22.546 779 34 213.176 557 50 +22.546 826 82	2.74 2.74	-19.73 -19.73	21.25 21.25	18.09 91.95	13.58 84.52	3.35 3.35	3.59 3.59	2.22 2.22	A 317 0.23										
14128+1104	1	F CA	A 69418 B 69418	9.005 0.219 9.186 0.258				213.196 091 18 +11.063 626 96 213.196 139 21 +11.063 619 36	3.08 3.08	11.21 11.21	-1.89 -1.89	19.19 18.46	9.32 12.95	1.00 1.00	0.83 0.83	0.62 0.62	A 99 0.17										
14129-2530	1	F CA	A 69433 B 69433	7.505 0.005 9.728 0.037				213.234 826 88 -25.504 291 11 213.234 651 61 -25.504 319 77	6.46 6.46	-5.13 -5.13	-19.76 -19.76	1.52 9.78	1.36 13.29	1.65 1.65	1.45 1.45	1.36 1.36	A 260 0.58										
14130+5519	1	L CA	A 69442 B 69442	9.063 0.007 9.418 0.009	9.913 0.032 10.103 0.033	8.916 0.016 9.221 0.022		213.254 229 32 +55.325 421 96 213.255 374 00 +55.325 124 90	26.43 26.43	-338.44 -349.97	-6.30 -17.52	1.80 4.89	1.99 4.25	1.75 1.75	1.66 3.43	1.67 3.25	A 114.5 2.577 +0.3 -0.006										
14132-3334	1	F CA	A 69459 B 69459	8.408 0.005 11.530 0.077				213.307 411 90 -33.568 957 24 213.307 434 79 -33.569 102 70	9.45 9.45	-10.82 -10.82	-8.17 -8.17	1.36 28.43	1.11 15.05	1.45 1.45	1.82 1.82	1.12 1.12	A 173 0.53										
14132-6359	1	F CA	A 69450 B 69450	8.682 0.004 8.780 0.005				213.294 611 01 -63.985 980 87 213.294 312 23 -63.986 044 30	7.93 7.93	-31.85 -31.85	-10.40 -10.40	2.03 2.67	2.05 3.63	2.94 2.94	2.35 2.35	2.01 2.01	A 253.5 0.805										
14134+0524	1	F CA	A 69476 B 69476	8.484 0.007 8.692 0.008	8.696 0.020 8.962 0.023	8.373 0.021 8.519 0.023		213.350 939 19 +5.400 882 45 213.350 637 73 +5.399 602 02	3.42 3.42	8.24 8.24	6.40 6.40	1.85 4.16	1.39 3.05	1.94 1.94	1.79 1.79	1.39 1.39	A 193.2 4.734										
14134+1234	1	L CA	A 69480 B 69480	8.943 0.033 9.353 0.048				213.362 237 13 +12.573 948 58 213.362 312 62 +12.573 901 73	9.27 9.27	33.87 48.64	-18.29 -16.37	3.78 6.33	2.54 4.33	1.41 1.41	1.56 2.48	1.21 1.88	A 122.5 0.314 -1.7 +0.011										
14135+5147	1	I CA P	A 69483 B 69483	4.571 0.006 6.810 0.040	4.765 0.003 7.033 0.008	4.539 0.003 6.621 0.008		213.370 624 58 +51.789 990 66 213.365 616 64 +51.787 876 76	21.03 16.66	61.39 64.58	-10.57 -3.78	0.85 13.76	0.90 12.06	0.83 4.78	0.90 9.36	0.84 7.23	A 235.69 13.50 +0.02 -0.01										
14136+5522	1	L CA	A 69488 B 69488	9.531 0.075 11.199 0.346				213.404 632 07 +55.369 833 74 213.404 540 43 +55.369 838 89	23.89 23.89	-234.95 -273.93	-21.02 -17.36	6.91 31.70	5.15 25.08	1.13 1.13	2.58 9.08	3.60 15.90	A 276 0.19 0 +0.04										
14137+0016	1	F ND D	A 69499 B 69499	10.200 0.013 13.397 0.246	10.724 0.047 10.095 0.042			213.427 633 86 +0.272 544 50 213.428 409 95 +0.272 155 84	6.54 6.54	-27.56 -27.56	-9.97 -9.97	2.42 81.61	1.72 57.08	2.53 2.53	2.38 2.38	1.82 1.82	A 117 3.12										
14137-3954	1	F CC	A 69495 B 69495	9.918 0.020 12.915 0.315	10.903 0.050 9.807 0.031			213.422 987 83 -39.904 831 27 213.423 704 77 -39.904 270 97	14.88 14.88	50.04 50.04	-24.20 -24.20	3.32 88.72	2.59 53.24	4.18 4.18	2.85 2.85	3.43 3.43	A 44 2.83										
14138+1200	1	F CA	A 69517 B 69517	6.882 0.003 9.155 0.019	8.112 0.010 9.460 0.023	6.831 0.005 8.775 0.022		213.456 121 50 +11.997 813 97 213.455 517 22 +11.997 655 87	6.63 6.63	-15.88 -15.88	-28.50 -28.50	0.79 6.52	0.65 5.72	1.00 1.00	0.83 0.83	0.69 0.69	A 255.0 2.20										
14138+1720	1	F CA	A 69516 B 69516	10.109 0.010 12.742 0.106				213.455 060 49 +17.339 655 50 213.455 059 00 +17.339 865 67	10.63 10.63	-28.14 -28.14	-112.76 -112.76	2.00 30.12	1.67 25.42	2.32 2.32	2.20 2.20	1.53 1.53	A 360 0.76										
14138+3059	1	F CA	A 69514 B 69514	10.734 0.132 11.316 0.225				213.453 418 02 +30.990 933 59 213.453 476 64 +30.990 927 70	17.21 17.21	79.26 79.26	-136.37 -136.37	11.90 19.13	6.52 10.91	1.63 1.63	1.59 1.59	1.17 1.17	A 97 0.18										
14138+4111	1	F CA	A 69513 B 69513	8.214 0.005 11.347 0.083	9.361 0.014 8.139 0.009			213.448 554 86 -41.187 580 47 213.447 436 42 -41.186 831 75	6.62 6.62	-7.86 -7.86	5.04 5.04	0.90 19.30	0.98 24.86	1.19 1.19	0.96 0.96	0.96 0.96	A 228.3 4.06										
14139+2906	1	L CA	A 69523 B 69523	7.505 0.004 7.823 0.005				213.477 524 97 +29.105 443 20 213.477 739 38 +29.105 442 85	10.64 10.64	37.25 28.48	-5.16 -9.43	1.90 3.10	1.25 2.58	1.65 1.65	1.63 1.63	1.02 1.88	A 90.1 0.674 +0.4 -0.009										
14139-3203	1	F ND D	A 69524 B 69524	8.226 0.012 11.259 0.174	8.707 0.014 8.165 0.013			213.480 131 18 -32.048 620 46 213.478 158 51 -32.053 145 70	12.86 12.86	29.86 29.86	-86.11 -86.11	1.24 46.73	0.91 33.40	1.24 1.24	1.50 1.50	1.18 1.18	A 200.3 17.37										
14141-0831	1	L CA	A 69541 B 69541	9.114 0.008 9.370 0.010				213.537 869 82 -8.518 477 74 213.537 969 96 -8.518 410 47	8.06 8.06	-4.47 -12.75	-17.11 -5.57	3.49 5.46	1.95 3.69	2.18 2.18	2.87 2.87	1.63 2.60	A 56 0.431 -2 0.000										
14142+2642	1	L CA	A 69551 B 69551	8.809 0.008 9.136 0.010				213.553 448 23 +26.695 537 61 213.553 422 14 +26.695 663 92	8.29 8.29	-27.30 -28.71	-6.59 -17.37	2.29 4.88	2.32 3.55	2.09 2.09	1.95 3.07	1.66 2.09	A 349.5 0.462 -0.4 -0.010										
14143+3356	1	F CA	A 69555 B 69555	9.089 0.006 10.607 0.025	9.649 0.016 11.110 0.058	8.989 0.014 10.244 0.043		213.568 352 88 +33.928 227 03 213.567 426 28 +33.929 537 62	14.82 14.82	-107.46 -107.46	26.67 26.67	1.32 6.70	1.33 6.04	1.77 1.77	1.54 1.54	1.51 1.51	A 329.6 5.47										
14145-2914	1	F NC G	A 69577 B 69579 C 69579	8.959 0.043 9.853 0.088 10.509 0.158	9.227 0.017 8.780 0.017			213.627 194 78 -29.239 173 47 213.628 835 83 -29.234 422 13 213.628 656 67 -29.234 471 26	4.57 4.57 4.57	-50.36 -50.36 -50.36	-25.45 -25.45 -25.45	3.05 22.02 34.51	2.20 14.49 26.07	3.24 3.24 3.24	2.83 2.83 2.83	2.61 2.61 2.61	A 16.8 B 253 17.86 0.59										
14146-4241	1	F ND D	A 69583 B 69583	9.013 0.015 13.017 0.609	10.207 0.027 8.945 0.017			213.645 067 28 -42.679 301 97 213.646 035 84 -42.678 200 48	3.91 3.91	-19.72 -19.72	-6.47 -6.47	1.77 119.70	1.39 86.47	2.04 2.04	1.73 1.73	1.71 1.71	A 33 4.72										
14146-6148	1	I CB	A 69582 B 69578	9.504 0.043 11.726 0.268	9.775 0.025 9.517 0.030			213.640 370 53 -61.798 973 80 213.628 124 74 -61.799 408 36	2.21 64.68	-1.69 -14.12	-1.92 -16.11	2.32 70.36	2.34 67.88	2.54 46.97	2.81 51.28	2.53 41.80	A 265.7 20.89 0.0 +0.01										
14147-4412	1	F CA	A 69597 B 69597	9.486 0.049 11.432 0.296				213.677 908 83 -44.198 489 58 213.677 968 47 -44.198 437 35	6.01 6.01	-5.87 -5.87	6.11 6.11	4.45 28.18	5.99 31.15	1.88 1.88	1.53 1.53	1.48 1.48	A 39 0.24										
14147-6542	1	F CA	A 69591 B 69591	6.777 0.003 9.780 0.038	6.700 0.004 6.758 0.004			213.665 274 74 -65.701 373 76 213.663 980 91 -65.701 249 13	3.53 3.53	-9.49 -9.49	-12.40 -12.40	0.53 9.07	0.66 12.31	0.86 0.86	0.63 0.63	0.74 0.74	A 283.2 1.97										



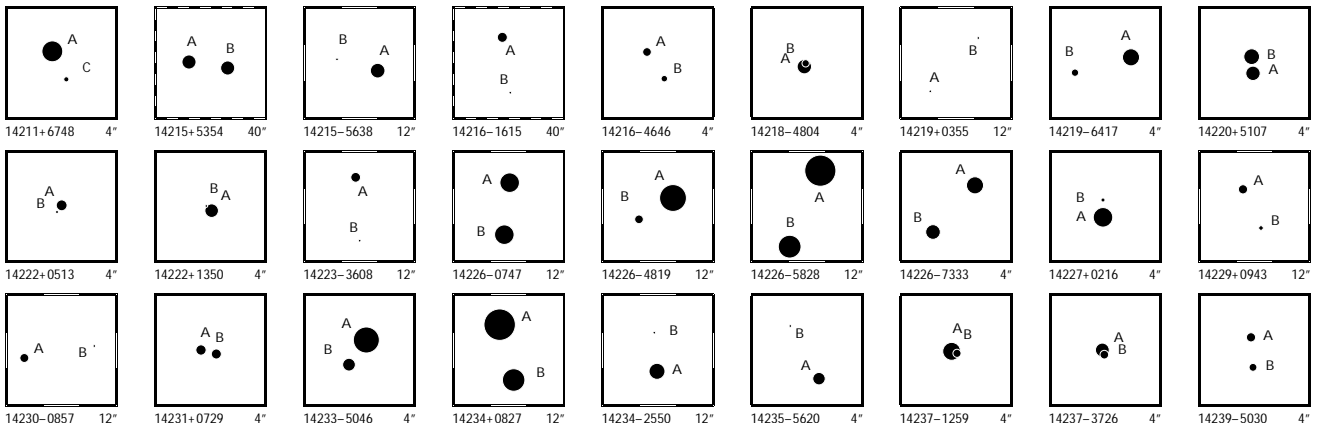
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14148+1006	1	FCA	A 69612 B 69612	5.512 0.002 8.532 0.038	6.594 0.005	5.402 0.003		213.711 927 15 +10.101 009 70 213.712 207 45 +10.100 900 52	12.79 12.79	-22.50 -164.31 -22.50 -164.31	0.74 0.54 0.87 0.80 0.54 8.94 6.71 0.87 0.80 0.54	A 111.6 1.07														
14148-4540	1	FND	D A 69606 B 69606	8.768 0.011 12.509 0.337	10.801 0.045	8.871 0.017		213.691 477 59 -45.659 587 70 213.690 997 40 -45.655 835 85	0.55 0.55	-2.31 -8.18 -2.31 -8.18	1.77 1.20 1.70 1.95 1.38 88.93 63.08 1.70 1.95 1.38	A 354.9 13.56														
14150-6142	1	FCA	A 69628 B 69628	6.894 0.004 8.639 0.020	7.036 0.007	6.879 0.006		213.756 712 07 -61.706 768 22 213.757 324 43 -61.707 477 46	1.41 1.41	-4.60 -2.95 -4.60 -2.95	0.75 0.72 0.96 0.84 0.77 4.75 4.80 0.96 0.84 0.77	A 157.7 2.759														
14152+4659	1	FCA	A 69641 B 69641	8.972 0.005 9.868 0.010	9.236 0.015	8.867 0.016		213.800 576 98 +46.974 125 09 213.799 222 18 +46.974 919 81	6.78 6.78	-18.31 -28.31 -18.31 -28.31	1.11 1.16 1.37 1.27 1.08 3.40 3.43 1.37 1.27 1.08	A 310.69 4.389														
14152-6740	1	FCA	A 69643 B 69643	7.746 0.004 11.198 0.104				213.809 186 74 -67.658 292 62 213.808 524 14 -67.658 288 48	17.95 17.95	-26.02 -23.46 -26.02 -23.46	0.75 0.85 1.07 0.87 0.96 18.58 25.59 1.07 0.87 0.96	A 271 0.91														
14153+0308	1	LCA	A 69653 B 69653	7.850 0.005 7.964 0.005				213.831 281 26 +3.131 235 45 213.831 131 48 +3.131 041 41	23.46 23.46	-203.70 60.96 -178.27 38.29	2.01 1.47 1.93 1.74 1.22 2.81 2.07 1.93 2.74 1.88	A 217.6 0.882 -2.2 +0.002														
14155+5026	1	FCA	A 69663 B 69663	8.197 0.005 8.838 0.009	8.569 0.014	8.103 0.013		213.866 274 72 +50.440 234 59 213.867 462 23 +50.438 880 03	7.01 7.01	46.70 -30.03 46.70 -30.03	1.13 1.18 1.28 1.21 1.18 2.75 3.01 1.28 1.21 1.18	A 150.82 5.585														
14156+3941	1	FCA	A 69666 B 69666	7.752 0.003 10.144 0.026				213.897 042 81 +39.676 507 53 213.897 236 50 +39.676 489 81	3.79 3.79	5.32 3.36 5.32 3.36	0.80 0.86 1.03 0.79 0.87 5.91 9.28 1.03 0.79 0.87	A 97 0.54														
14157+1911	1	FCA	A 69673 B 69673	0.161 0.014 3.487 0.299				213.918 115 06 +19.187 272 98 213.918 091 96 +19.187 205 48	88.85 88.85	-1093.45 -1999.40 -1093.45 -1999.40	0.81 1.30 0.74 0.60 0.52 26.16 35.44 0.74 0.60 0.52	A 198 0.26														
14158+1018	1	FNB	G A 69684 B 69684 C 69684	9.686 0.032 9.942 0.021 10.318 0.057	10.736 0.051	9.748 0.035		213.960 402 01 +10.300 358 14 213.960 970 70 +10.299 413 08 213.960 358 23 +10.300 278 30	18.61 18.61 18.61	118.76 -192.90 118.76 -192.90 118.76 -192.90	3.07 2.76 2.74 2.48 1.50 5.28 4.24 2.74 2.48 1.50 8.35 7.89 2.74 2.48 1.50	A 149.4 3.95 A 208 0.33														
14159-2948	1	FCA	A 69689 B 69689	9.080 0.007 11.879 0.082	9.439 0.017	8.985 0.017		213.981 049 29 -29.806 672 74 213.984 473 87 -29.807 071 43	2.93 2.93	-34.80 -18.07 -34.80 -18.07	1.45 1.23 1.72 1.69 1.49 25.07 14.91 1.72 1.69 1.49	A 97.6 10.79														
14160+5641	1	FCA	B 69711 C 69711	7.210 0.003 9.926 0.033	7.408 0.006	7.146 0.006		214.035 468 40 +56.712 680 43 214.037 449 86 +56.711 475 34	7.36 7.36	-39.78 3.14 -39.78 3.14	0.63 0.70 0.69 0.66 0.74 8.22 7.17 0.69 0.66 0.74	B 137.9 5.84														
14160-0704	1	LCA	B 69700 A 69700	9.797 0.010 9.946 0.011				214.001 694 89 -7.061 868 18 214.001 669 62 -7.062 006 78	16.16 16.16	106.99 -21.03 93.86 -18.80	4.38 4.09 3.30 2.97 3.06 5.47 4.76 3.30 3.64 3.53	B 190.3 0.507 +1.5 0.000														
14161-3425	1	FCA	A 69707 B 69707	8.852 0.108 9.526 0.200				214.022 928 23 -34.418 836 70 214.022 893 75 -34.418 869 80	2.79 2.79	-23.16 -7.41 -23.16 -7.41	5.92 6.93 1.11 1.19 1.01 10.49 11.44 1.11 1.19 1.01	A 221 0.16														
14163+0605	1	FCA	A 69723 B 69723	7.922 0.005 10.106 0.035	8.081 0.011	7.838 0.011		214.084 527 79 +6.081 105 15 214.083 049 71 +6.081 378 83	6.08 6.08	-3.40 6.95 -3.40 6.95	1.35 1.25 1.60 1.39 1.30 9.51 9.58 1.60 1.39 1.30	A 280.5 5.38														
14164+2539	1	FCB	A 69737 B 69737	9.186 0.008 12.061 0.104				214.109 101 70 +25.652 542 86 214.108 901 77 +25.652 470 15	1.54 1.54	10.01 -37.90 10.01 -37.90	2.05 1.41 2.04 1.95 1.38 42.32 28.89 2.04 1.95 1.38	A 248 0.70														
14164+3708	1	FCA	A 69733 B 69733	8.281 0.031 9.635 0.108				214.101 443 95 +37.130 001 07 214.101 485 73 +37.129 950 90	3.56 3.56	-28.45 -13.28 -28.45 -13.28	2.45 3.53 1.12 0.64 0.80 7.78 11.29 1.12 0.64 0.80	A 146 0.22														
14164-5225	1	FFD	D A 69736 B 69736	9.826 0.040 12.145 0.338	10.332 0.029	9.719 0.027		214.105 627 48 -52.416 836 55 214.105 537 53 -52.415 583 35	4.31 4.31	-49.83 -26.52 -49.83 -26.52	4.80 4.93 6.38 5.28 5.84 59.88 58.45 6.38 5.28 5.84	A 357 4.52														
14165+2007	1	LCA	A 69751 B 69751	6.506 0.003 8.657 0.019	6.945 0.006	6.435 0.007		214.137 198 31 +20.122 076 37 214.137 704 39 +20.120 942 78	30.99 30.99	-135.94 -93.79 -130.94 -84.31	0.79 0.69 0.83 0.72 0.59 5.65 4.35 0.83 3.27 2.87	A 157.26 4.425 -0.11 -0.007														
14165-4317	1	FND	D A 69750 B 69755	8.941 0.036 11.002 0.189	9.022 0.021	8.908 0.026		214.133 200 36 -43.274 913 91 214.140 697 77 -43.277 547 92	0.46 0.46	-8.58 -10.03 -8.58 -10.03	2.89 2.34 2.82 3.62 2.58 59.08 39.72 2.82 3.62 2.58	A 115.8 21.82														
14166-6207	1	FCC	A 69761 B 69761	9.340 0.233 10.565 0.719				214.156 653 06 -62.116 447 38 214.156 573 10 -62.116 469 51	6.08 6.08	-71.28 -17.20 -71.28 -17.20	15.75 8.74 1.29 1.09 1.02 43.07 35.34 1.29 1.09 1.02	A 239 0.16														
14171+5100	1	FCA	A 69790 B 69790	8.980 0.006 9.979 0.014				214.262 887 68 +50.995 747 61 214.263 161 21 +50.995 706 19	12.03 12.03	-71.07 58.25 -71.07 58.25	1.51 1.43 1.61 1.74 1.42 4.28 4.75 1.61 1.74 1.42	A 103.5 0.637														
14171-1835	1	FCC	A 69792 B 69792	6.403 0.004 10.513 0.156				214.265 802 56 -18.585 680 95 214.266 002 89 -18.585 710 55	8.53 8.53	-5.27 -7.68 -5.27 -7.68	0.88 0.64 0.88 1.00 0.66 35.60 31.17 0.88 1.00 0.66	A 99 0.69														
14171-4810	1	LFD	D A 69797 B 69799	8.535 0.016 10.289 0.081	8.900 0.010	8.453 0.010		214.273 191 08 -48.171 139 47 214.275 932 57 -48.168 412 90	8.06 8.06	-29.18 -24.36 -24.98 -76.06	5.15 7.26 6.78 5.49 8.75 46.45 67.01 6.78 32.45 39.21	A 33.8 11.82 +0.2 -0.04														
14174+3244	1	FFD	D A 69819 S 69819	12.146 0.018 12.526 0.026				214.338 091 73 +32.746 113 25 214.338 858 13 +32.745 736 45	10.17 10.17	-68.89 35.34 -68.89 35.34	9.65 11.50 15.54 10.79 11.13 35.92 39.44 15.54 10.79 11.13	A 120 2.69														
14174-1745	1	FCC	A 69821 B 69821	9.451 0.008 12.754 0.158	10.175 0.033	9.341 0.026		214.343 668 92 -17.755 012 27 214.344 850 04 -17.755 649 87	12.79 12.79	-94.05 -91.69 -94.05 -91.69	1.87 1.62 2.03 2.29 1.72 63.12 28.81 2.03 2.29 1.72	A 119.5 4.65														
14176-2045	1	ICA	A 69842 B 69844	8.972 0.030 10.035 0.063	10.221 0.040	8.926 0.022		214.408 053 29 -20.758 066 87 214.413 304 00 -20.755 966 04	-3.01 -11.81	-20.69 0.81 -6.79 -1.96	4.30 3.21 3.83 5.05 4.16 30.96 15.55 11.00 15.16 9.36	A 66.84 19.23 +0.02 +0.01														



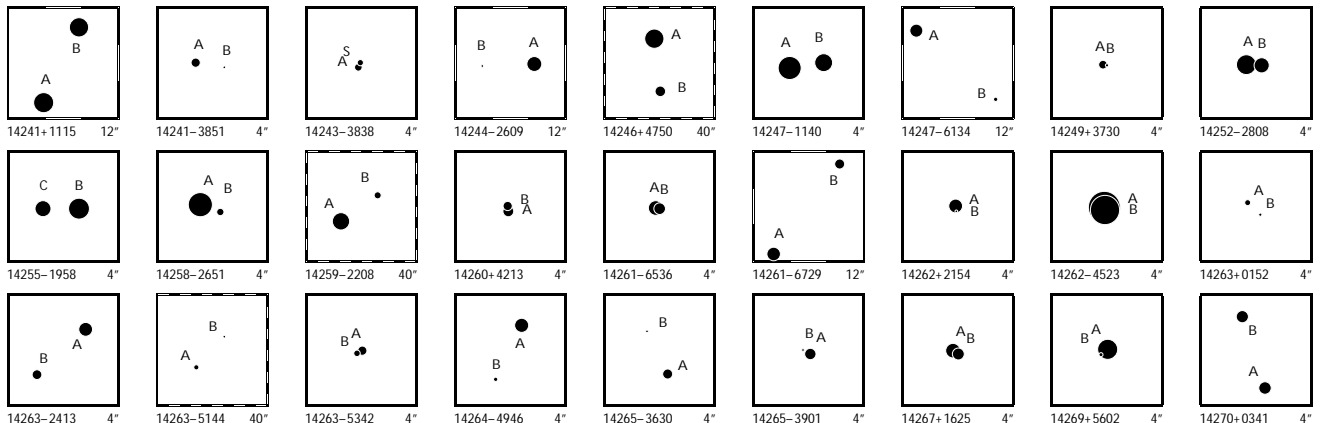
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14177+7648	1	F CA	A 69852 B 69852	9.841 0.008 10.982 0.021	10.092 0.024 10.596 0.102	9.486 0.020 9.886 0.069		214.432 878 02 +76.796 447 95 214.431 747 93 +76.795 991 73	6.95 6.95	5.24 -47.35 5.24 -47.35	1.59 1.54 1.58 1.37 1.83 5.78 5.67 1.58 1.37 1.83	A 209.5 1.89																
14177-4403	1	F CA	A 69849 B 69849	9.928 0.009 11.228 0.030				214.427 772 25 -44.052 545 63 214.427 781 07 -44.052 671 66	1.60 1.60	-27.45 -13.53 -27.45 -13.53	2.44 2.19 2.70 1.97 2.05 10.17 7.46 2.70 1.97 2.05	A 177 0.45																
14179+6914	1	F CA	A 69870 B 69870	8.894 0.011 9.130 0.013				214.470 147 17 +69.234 263 85 214.470 461 26 +69.234 249 54	6.10 6.10	10.81 11.60 10.81 11.60	2.15 1.65 1.44 1.87 1.42 3.07 2.98 1.44 1.87 1.42	A 97 0.404																
14182+1244	1	F ND	D 69893 69893	10.770 0.014 13.855 0.229	11.692 0.088 10.848 0.069			214.551 188 25 +12.742 143 51 214.550 146 37 +12.742 819 73	14.24 14.24	-53.00 -281.17 -53.00 -281.17	2.15 1.95 2.92 2.59 2.08 75.57 68.20 2.92 2.59 2.08	A 304 4.39																
14182-2731	1	F NB	Y 69894 C 69894 B 69894 D 69894	9.736 0.022 9.803 0.038 9.964 0.030 10.308 0.060				214.550 836 30 -27.521 144 25 214.551 717 17 -27.521 434 51 214.550 640 72 -27.521 068 22 214.551 648 01 -27.521 512 86	8.22 8.22 8.22 8.22	-30.74 -7.68 -30.74 -7.68 -30.74 -7.68 -30.74 -7.68	4.03 2.48 2.88 2.85 2.20 6.07 5.75 2.88 2.85 2.20 7.36 4.17 2.88 2.85 2.20 9.80 9.80 2.88 2.85 2.20	A 110.4 3.00 A 293.7 0.68 A 117.1 2.91																
14182-6252	1	F CC	A 69895 B 69895	8.539 0.118 10.624 0.807				214.555 138 65 -62.866 256 97 214.555 110 07 -62.866 217 03	4.12 4.12	14.92 4.08 14.92 4.08	4.15 8.77 1.11 0.60 0.80 27.20 49.91 1.11 0.60 0.80	A 342 0.15																
14184+3412	1	F CA	A 69907 B 69907	9.373 0.006 10.750 0.022				214.602 979 89 +34.206 588 78 214.603 085 80 +34.206 748 20	6.66 6.66	2.42 1.92 2.42 1.92	1.39 1.41 2.02 1.69 1.64 5.48 5.71 2.02 1.69 1.64	A 28.8 0.65																
14184-4554	1	F CC	A 69901 B 69901	9.078 0.009 12.697 0.247	10.083 0.044 9.009 0.030			214.594 561 28 -45.904 926 28 214.596 443 91 -45.907 808 43	22.72 22.72	49.46 37.06 49.46 37.06	2.31 1.36 2.39 2.06 1.80 73.54 59.50 2.39 2.06 1.80	A 155.6 11.40																
14184-6300	1	L CA	A 69909 B 69909	9.110 0.006 9.407 0.008				214.611 856 47 -63.004 978 16 214.611 365 97 -63.004 895 26	4.31 4.31	-33.63 -23.74 -38.61 -17.97	1.74 2.05 2.75 1.49 1.98 3.52 4.27 2.75 2.40 2.90	A 290.4 0.855 +0.2 +0.007																
14185+0917	1	F CA	A 69921 B 69921	9.479 0.017 11.948 0.169				214.635 277 39 +9.290 827 16 214.635 207 64 +9.290 895 42	8.88 8.88	-6.88 2.79 -6.88 2.79	2.96 2.23 2.08 2.05 1.49 29.24 20.24 2.08 2.05 1.49	A 315 0.35																
14188-5841	1	F CA	A 69949 S 69949	7.983 0.015 8.069 0.016				214.712 500 28 -58.686 389 19 214.712 362 44 -58.686 426 08	2.56 2.56	-7.83 -11.96 -7.83 -11.96	2.56 3.00 0.98 1.00 0.83 2.51 2.74 0.98 1.00 0.83	A 243 0.290																
14189+0354	1	F CA	A 69952 B 69952	9.455 0.018 9.865 0.026				214.719 666 40 +3.892 496 64 214.719 721 56 +3.892 392 14	3.75 3.75	-45.51 -31.43 -45.51 -31.43	4.41 4.07 3.49 3.50 3.48 9.17 5.45 3.49 3.50 3.48	A 152 0.43																
14190-0636	1	F CB	A 69962 B 69962	9.563 0.059 10.599 0.154				214.742 847 88 -6.602 595 65 214.742 940 25 -6.602 602 50	46.46 46.46	-5.17 -432.05 -5.17 -432.05	9.67 2.67 1.73 1.89 1.29 18.13 9.07 1.73 1.89 1.29	A 94 0.33																
14194-1831	1	F CB	A 69998 B 69998	7.395 0.004 10.978 0.117	7.699 0.008 7.331 0.008 10.875 0.183 10.682 0.248			214.857 620 04 -18.523 597 82 214.857 528 44 -18.522 611 06	7.60 7.60	-53.86 -11.44 -53.86 -11.44	1.12 0.95 1.24 1.19 0.95 39.63 32.54 1.24 1.19 0.95	A 355 3.57																
14195-1343	1	F CA	A 70011 B 70011	8.102 0.005 8.483 0.007	9.022 0.050 8.305 0.044			214.882 147 89 -13.710 837 03 214.881 038 73 -13.710 743 80	16.65 16.65	-190.32 -45.34 -190.32 -45.34	2.26 1.35 2.45 2.29 1.62 3.62 2.03 2.45 2.29 1.62	A 274.94 3.894																
14197+2330	1	F CA	A 70021 B 70021	9.063 0.011 11.368 0.066	9.547 0.021 9.029 0.020 11.871 0.156 10.976 0.120			214.920 210 93 +23.504 455 08 214.919 071 21 +23.503 631 21	11.96 11.96	4.09 16.98 4.09 16.98	1.99 1.54 2.19 2.35 1.54 19.31 17.01 2.19 2.35 1.54	A 231.8 4.79																
14198+7642	1	F CA	A 70034 B 70034	9.739 0.008 10.244 0.012				214.955 849 56 +76.700 582 16 214.956 005 46 +76.700 859 46	6.68 6.68	-24.62 4.05 -24.62 4.05	1.64 1.68 1.65 1.41 1.63 3.77 3.94 1.65 1.41 1.63	A 7.4 1.007																
14199-5324	1	F CA	A 70039 B 70039	9.518 0.009 11.117 0.036	10.768 0.044 9.406 0.021			214.974 141 09 -53.403 408 86 214.974 557 90 -53.402 966 72	3.46 3.46	-2.33 -0.52 -2.33 -0.52	1.74 1.66 2.06 1.92 1.84 9.39 8.26 2.06 1.92 1.84	A 29.3 1.83																
14202-4304	1	F CA	A 70054 B 70054	5.828 0.003 8.172 0.024	6.846 0.017 5.727 0.008 8.462 0.022 7.944 0.031			215.040 456 06 -43.058 862 02 215.039 308 91 -43.058 352 88	8.49 8.49	-8.95 7.66 -8.95 7.66	0.84 0.60 0.85 1.09 0.72 7.91 4.56 0.85 1.09 0.72	A 301.3 3.53																
14203+0817	1	L FC	A 70065 B 70063	8.772 0.004 11.749 0.059	10.275 0.032 8.732 0.016			215.072 228 81 +8.286 047 08 215.068 889 00 +8.286 031 41	6.78 6.78	10.45 -2.24 -106.56 18.86	4.47 3.19 3.97 4.41 3.47 170.77 82.92 3.97 124.10 56.85	A 269.7 11.90 +0.1 +0.12																
14203+4830	1	L CA	A 70066 B 70066	8.185 0.005 8.358 0.006	8.435 0.038 7.833 0.038			215.073 362 07 +48.507 041 86 215.073 958 06 +48.506 955 22	14.05 14.05	-72.15 -13.80 -64.23 -19.57	1.49 1.56 1.49 1.39 1.23 3.39 2.78 1.49 2.42 2.03	A 102.4 1.455 +0.2 +0.009																
14205-4753	1	F CA	A 70086 B 70086	10.406 0.010 10.669 0.013				215.134 822 92 -47.877 395 67 215.134 431 36 -47.877 394 55	0.69 0.69	-8.11 1.56 -8.11 1.56	2.61 2.69 3.71 3.04 3.07 5.27 5.22 3.71 3.04 3.07	A 270.2 0.95																
14207-3539	1	F CA	A 70102 B 70102	8.483 0.005 10.682 0.037	9.379 0.017 8.345 0.012			215.175 548 56 -35.649 039 54 215.175 100 94 -35.648 873 58	11.80 11.80	-101.75 -63.10 -101.75 -63.10	1.36 1.00 1.59 1.56 1.21 12.79 7.86 1.59 1.56 1.21	A 294.5 1.44																
14208-3835	1	I CA	A 70113 B 70116	9.508 0.009 11.792 0.060	9.960 0.029 9.411 0.028 11.748 0.137 11.167 0.129			215.205 849 68 -38.580 290 78 215.208 991 30 -38.577 357 02	4.45 5.41	4.85 -7.37 -2.02 -10.04	2.31 1.89 2.28 2.27 2.20 26.22 18.21 13.87 14.22 11.82	A 39.9 13.77 0.0 -0.01																
14208-4216	1	I NB	A 70117 B 70114	9.950 0.032 11.927 0.170	10.496 0.038 9.865 0.033			215.209 322 45 -42.259 730 74 215.206 483 35 -42.254 670 11	2.62 -26.51	28.69 -9.61 44.76 -18.88	3.53 2.65 3.43 3.76 2.94 64.16 44.11 40.27 45.92 32.85	A 337.4 19.73 0.0 -0.01																
14208-4226	1	F ND	D 70120 70120 2 F CA C 70111 D 70111	7.375 0.031 9.608 0.239 8.927 0.009 9.040 0.010	9.129 0.022 8.711 0.026 9.366 0.027 8.876 0.030			215.211 291 59 -42.424 784 50 215.211 384 08 -42.424 802 90 215.195 831 67 -42.443 300 16 215.195 591 93 -42.443 741 40	6.36 6.36 6.27 6.27	23.86 -12.23 23.86 -12.23 26.81 -9.91 26.81 -9.91	2.74 1.05 1.06 1.14 0.80 35.53 12.43 1.06 1.14 0.80 2.71 1.84 2.53 2.56 2.00 7.12 3.65 2.53 2.56 2.00	A 105 0.25 C 201.8 1.711																



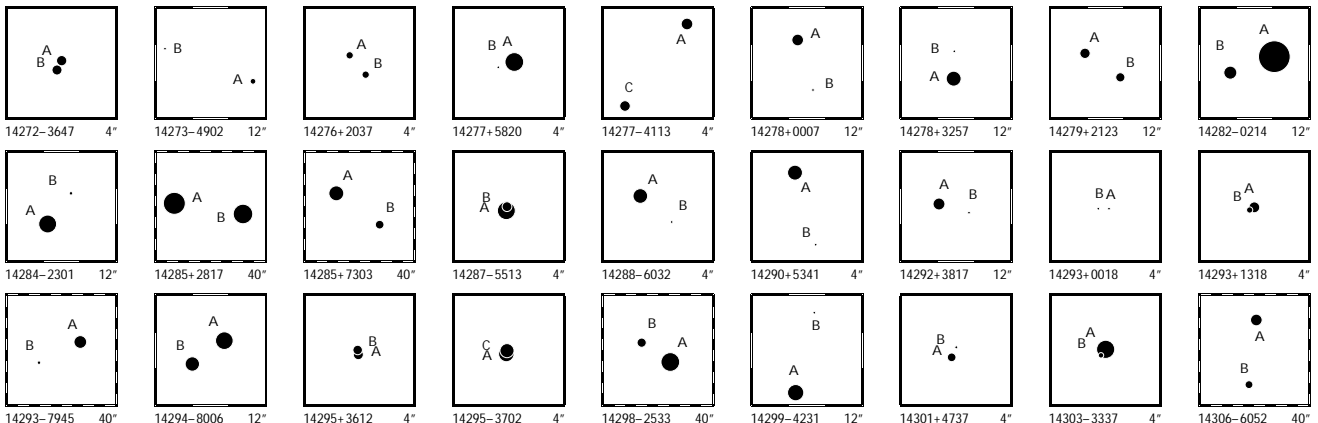
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
14211+6748	1	FCA	A 70141 C 70141	7.361 0.004 10.887 0.092	7.418 0.006	7.309 0.007		215.282 401 53 215.282 017 82	+67.802 895 29 +67.802 610 64	7.42 7.42	-35.19 -35.19	5.51 5.51	0.65 0.73 0.70 15.42 23.78 0.70	0.62 0.78 0.62 0.78	A 207	1.15											
14215+5354	1	ICA	A 70173 A 70176	8.860 0.023 8.872 0.023	9.397 0.015 9.459 0.018	8.793 0.014 8.870 0.016		215.364 075 88 215.370 827 08	+53.897 491 06 +53.898 093 66	7.14 7.24	1.11 6.95	-8.62 -9.67	4.49 4.52 4.30 7.72 7.89 4.59	4.55 4.29 4.50 6.07 5.57	B	81.38	14.48	+0.01	+0.01								
14215-5638	1	FND	D A 70179 B 70179	8.761 0.009 12.982 0.396	9.928 0.027	8.760 0.018		215.380 294 08 215.382 585 68	-56.634 655 99 -56.634 265 38	0.21 0.21	-9.26 -9.26	-5.67 -5.67	1.17 1.10 1.42 95.44 80.14 1.42	1.21 1.08 1.21 1.08	A 73	4.75											
14216-1615	1	LFD	D A 70186 B 70185	9.794 0.010 13.577 0.216	10.638 0.070	9.789 0.056		215.395 156 18 215.394 295 35	-16.252 729 98 -16.258 471 86	6.52 6.52	-38.83 -102.53	-2.08 -11.98	4.13 2.71 3.24 66.90 40.49 3.24	6.06 3.48 50.29 27.52	A 188.2	20.88	+0.2	+0.02									
14216-4646	1	FCA	A 70191 B 70191	10.089 0.010 10.586 0.016				215.411 074 16 215.410 813 40	-46.764 220 89 -46.764 496 54	7.15 7.15	-36.86 -36.86	9.28 9.28	3.36 2.88 3.50 7.43 6.41 3.50	3.93 4.56 3.93 4.56	A 212.9	1.18											
14218-4804	1	FCB	A 70202 B 70202	8.797 0.253 10.378 1.085				215.451 394 04 215.451 366 77	-48.071 836 65 -48.071 804 96	11.06 11.06	-36.62 -36.62	-19.88 -19.88	5.78 15.58 1.14 56.11 48.92 1.14	0.81 1.03 0.81 1.03	A 330	0.13											
14219+0355	1	FND	D A 70209 B 70209	11.526 0.100 12.750 0.273				215.464 728 39 215.466 214 01	+3.909 412 06 +3.907 764 55	7.83 7.83	-26.93 -26.93	4.71 4.71	9.32 8.00 8.94 57.25 45.01 8.94	9.50 6.30 9.50 6.30	B 138.0	7.98											
14219-6417	1	FCA	A 70213 B 70213	8.227 0.005 10.394 0.039	9.328 0.013	8.153 0.008		215.477 836 15 215.479 168 73	-64.284 823 23 -64.284 981 16	5.09 5.09	-45.69 -45.69	-42.78 -42.78	0.98 1.22 1.65 9.52 11.45 1.65	1.14 1.39 1.14 1.39	A 105.3	2.16											
14220+5107	1	FCA	B 70222 A 70222	8.531 0.005 8.822 0.006				215.504 974 91 215.504 949 34	+51.111 285 80 +51.111 113 34	6.60 6.60	19.00 19.00	45.56 45.56	1.61 2.18 1.63 2.43 2.78 1.63	1.52 2.29 1.52 2.29	B 185.3	0.624											
14222+0513	1	FCA	A 70233 B 70233	9.573 0.036 11.315 0.177				215.553 607 08 215.553 654 75	+5.224 740 39 +5.224 672 82	8.84 8.84	-54.60 -54.60	25.73 25.73	6.00 4.62 2.02 35.56 20.56 2.02	1.81 1.80 1.81 1.80	A 145	0.30											
14222+1350	1	FCB	A 70234 B 70234	9.025 0.016 11.404 0.146				215.556 247 80 215.556 308 04	+13.834 331 79 +13.834 373 34	3.51 3.51	21.79 21.79	2.72 2.72	3.54 3.37 1.54 31.97 25.67 1.54	1.25 1.00 1.25 1.00	A 55	0.26											
14223-3608	1	FCA	A 70242 B 70242	9.824 0.009 11.740 0.049	10.855 0.047	9.733 0.029		215.579 109 85 215.578 962 63	-36.133 486 11 -36.135 423 86	2.33 2.33	42.32 42.32	-36.90 -36.90	2.15 1.74 2.50 15.41 14.02 2.50	2.39 2.03 2.39 2.03	A 183.5	6.99											
14226-0747	1	LCA	A 70269 B 70269	7.669 0.006 7.686 0.006	8.174 0.018	7.556 0.015		215.661 061 81 215.661 233 54	-7.767 852 16 -7.769 454 12	22.81 22.81	15.61 11.31	-133.80 -137.95	2.12 1.35 1.89 4.17 2.73 1.89	2.35 1.40 2.86 1.84	A 173.94	5.799	+0.05	+0.004									
14226-4819	1	FCB	A 70270 B 70270	6.084 0.003 10.068 0.100	5.928 0.003 9.769 0.055	6.092 0.003 9.509 0.059		215.661 332 62 215.662 915 72	-48.319 845 96 -48.320 503 19	1.35 1.35	-6.27 -6.27	-4.42 -4.42	0.59 0.58 0.79 21.03 25.48 0.79	0.60 0.71 0.60 0.71	A 122.0	4.47											
14226-5828	1	FFC	A 70264 B 70264	5.093 0.022 6.939 0.118	5.990 0.004 7.445 0.006	5.011 0.003 6.962 0.008		215.654 674 85 215.656 493 47	-58.459 158 34 -58.461 495 33	11.56 11.56	-47.03 -47.03	17.03 17.03	2.57 2.07 3.09 18.83 15.38 3.09	2.58 2.30 2.58 2.30	A 157.9	9.08											
14226-7333	1	FCA	A 70271 B 70271	8.231 0.005 8.734 0.008	8.206 0.008 8.721 0.011	8.181 0.010 8.624 0.014		215.660 961 58 215.662 484 83	-73.555 805 25 -73.556 284 67	3.35 3.35	-14.35 -14.35	-7.40 -7.40	1.14 1.07 1.33 2.83 2.57 1.33	1.07 1.12 1.07 1.12	A 138.0	2.321											
14227+0216	1	FCA	A 70278 B 70278	7.652 0.003 11.082 0.076				215.680 574 14 215.680 566 62	+2.274 617 15 +2.274 799 83	11.83 11.83	25.66 25.66	17.24 17.24	1.17 1.00 1.36 25.12 17.28 1.36	1.34 1.11 1.34 1.11	A 358	0.66											
14229+0943	1	FCA	A 70293 B 70293	9.939 0.011 10.977 0.026	10.228 0.037	9.792 0.039		215.723 605 17 215.723 059 28	+9.722 204 34 +9.721 007 02	3.94 3.94	-29.92 -29.92	-0.29 -0.29	2.55 2.36 2.81 10.00 6.95 2.81	2.75 2.62 2.75 2.62	A 204.2	4.73											
14230-0857	1	FFD	D A 70302 B 70302	10.001 0.018 12.451 0.165	10.476 0.051	10.042 0.055		215.762 486 39 215.760 305 04	-8.944 639 64 -8.944 286 49	4.82 4.82	-48.79 -48.79	-8.57 -8.57	3.54 2.19 3.65 46.91 31.83 3.65	3.95 2.66 3.95 2.66	A 279.3	7.86											
14231+0729	1	FCA	A 70305 B 70305	9.696 0.010 9.793 0.011	8.206 0.008 8.721 0.011	8.181 0.010 8.624 0.014		215.772 898 97 215.772 743 84	+7.489 116 03 +7.489 074 38	8.18 8.18	-57.56 -57.56	31.51 31.51	5.93 3.16 3.43 7.35 6.29 3.43	5.79 2.95 5.79 2.95	A 255	0.57											
14233-5046	1	FCA	A 70325 B 70325	6.259 0.003 9.154 0.047	7.874 0.011	6.216 0.004		215.834 433 53 215.834 723 45	-50.772 234 30 -50.772 489 43	4.06 4.06	-11.72 -11.72	-7.18 -7.18	0.68 0.64 0.97 11.57 12.82 0.97	0.70 0.80 0.70 0.80	A 144.3	1.13											
14234+0827	1	FCA	A 70327 B 70327	5.038 0.006 7.033 0.035	5.019 0.007 7.168 0.010	5.024 0.010 6.779 0.008		215.844 750 26 215.844 329 64	+8.446 640 37 +8.444 956 20	15.17 15.17	-75.28 -75.28	-9.56 -9.56	0.90 0.67 0.93 7.95 6.17 0.93	0.86 0.74 0.86 0.74	A 193.9	6.25											
14234-2550	1	FCB	A 70328 B 70328	8.462 0.007 12.040 0.176	8.846 0.013	8.404 0.013		215.846 149 54 215.846 230 72	-25.828 884 88 -25.827 690 22	6.84 6.84	21.77 21.77	-11.99 -11.99	1.54 1.16 1.80 52.20 31.79 1.80	1.82 1.35 1.82 1.35	A 4	4.31											
14235-5620	1	FCA	A 70340 B 70340	9.237 0.012 11.990 0.146	9.962 0.027	9.162 0.022		215.866 838 45 215.867 359 90	-56.324 357 71 -56.323 808 04	7.01 7.01	-147.56 -147.56	-53.86 -53.86	1.95 1.70 2.49 41.23 28.52 2.49	1.91 1.74 1.91 1.74	A 28	2.24											
14237-1259	1	FCB	A 70357 B 70357	8.024 0.051 10.170 0.366				215.927 721 35 215.927 670 61	-12.980 368 18 -12.980 391 10	5.28 5.28	-26.65 -26.65	4.52 4.52	4.88 2.78 0.93 34.08 22.45 0.93	0.95 0.67 0.95 0.67	A 245	0.20											
14237-3726	1	FCA	A 70355 B 70355	8.934 0.054 10.100 0.159				215.923 713 33 215.923 688 81	-37.431 746 56 -37.431 797 58	9.50 9.50	29.04 29.04	-13.40 -13.40	2.82 5.13 1.22 8.18 12.93 1.22	1.04 0.97 1.04 0.97	A 201	0.20											
14239-5030	1	FCA	A 70376 B 70376	9.958 0.008 10.234 0.011				215.985 084 26 215.985 047 96	-50.499 373 69 -50.499 681 20	8.56 8.56	-29.36 -29.36	-20.66 -20.66	2.38 1.98 3.17 4.50 4.21 3.17	2.94 2.61 2.94 2.61	A 184.3	1.110											



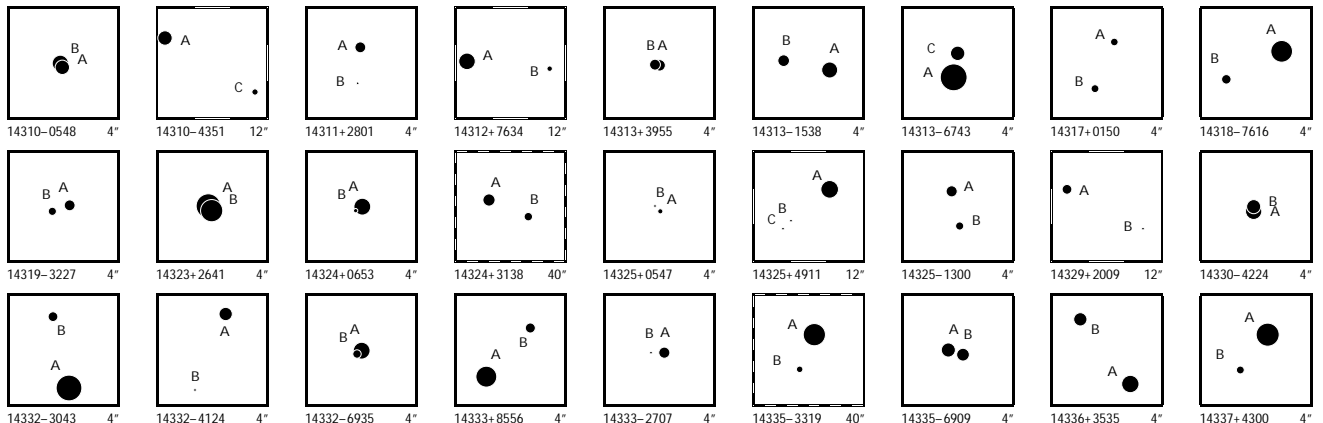
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
14241+1115	1	F CA	A 70386 B 70386	7.548 0.007 7.731 0.008	8.054 0.011 8.362 0.013	7.466 0.012 7.697 0.011	216.023 853 86 216.022 716 96	+11.246 966 92 +11.249 301 46	27.90 27.90	65.16 65.16	-1.90 -1.90	1.69 1.52 2.00 3.53 2.70 2.00	1.77 1.37 1.77 1.37	A 334.47	9.314											
14241-3851	1	F FD D	A 70396 B 70396	9.979 0.015 11.524 0.059	10.470 0.040	9.817 0.035	216.036 503 58 216.036 125 24	-38.858 505 48 -38.858 561 84	5.84 5.84	44.17 44.17	-31.71 -31.71	3.39 2.63 3.90 25.97 12.84 3.90	3.04 3.44 3.04 3.44	A 259	1.08											
14243-3838	1	F CA	A 70410 S 70410	10.347 0.178 10.617 0.228			216.070 977 60 216.070 949 83	-38.629 295 01 -38.629 253 16	11.01 11.01	17.66 17.66	-98.60 -98.60	13.07 14.22 1.69 15.43 15.46 1.69	1.28 1.38 1.28 1.38	A 333	0.17											
14244-2609	1	F CA	A 70422 B 70422	8.700 0.004 11.928 0.081	9.069 0.013	8.636 0.013	216.097 743 33 216.099 533 77	-26.150 944 15 -26.150 984 98	9.64 9.64	-22.88 -22.88	-5.29 -5.29	1.41 1.01 1.70 39.65 16.95 1.70	1.69 1.19 1.69 1.19	A 91.5	5.79											
14246+4750	1	I CA	A 70447 B 70446	7.733 0.014 9.689 0.065	8.098 0.010 10.031 0.029	7.678 0.009 9.455 0.026	216.162 114 40 216.161 196 58	+47.830 566 25 +47.825 129 81	9.03 13.87	-46.84 -50.39	-32.58 -35.71	1.31 1.48 1.35 17.62 17.90 9.36	1.33 1.34 1.97 9.30	A 186.47	19.70	+0.01	0.00									
14247-1140	1	L CA	A 70452 B 70452	6.915 0.003 8.038 0.009	7.033 0.010	6.579 0.012	216.170 404 52 216.170 050 06	-11.669 647 36 -11.669 592 47	11.13 11.13	-75.18 -74.65	-22.86 -30.08	1.12 0.84 1.04 3.66 2.07 1.04	1.02 0.84 2.13 1.87	A 279.0	1.265	-0.3	-0.002									
14247-6134	1	I CA	A 70448 B 70444	9.149 0.009 11.050 0.047	9.134 0.014 10.933 0.067	9.093 0.019 10.525 0.086	216.163 977 04 216.158 888 75	-61.566 905 90 -61.569 017 11	2.18 -4.31	-6.16 -6.59	-10.92 5.63	2.60 2.34 2.40 23.37 17.24 8.33	3.13 2.65 18.17 13.46	A 228.9	11.57	+0.1	-0.01									
14249+3730	1	F CC	A 70478 B 70478	10.054 0.447 11.275 1.375			216.237 419 56 216.237 365 59	+37.495 162 96 +37.495 159 74	4.37 4.37	10.98 10.98	16.74 16.74	22.11 9.55 1.31 129.31 25.53 1.31	0.97 0.86 0.97 0.86	A 266	0.15											
14252-2808	1	F CA	A 70498 B 70498	7.619 0.004 8.622 0.010			216.304 898 14 216.304 713 92	-28.130 937 65 -28.130 946 07	1.86 1.86	-0.59 -0.59	-10.12 -10.12	1.42 1.01 1.43 3.86 3.33 1.43	1.74 1.21 1.74 1.21	A 267.0	0.586											
14255-1958	1	F CA	B 70513 C 70513	7.373 0.006 8.438 0.016	7.240 0.017	7.096 0.020	216.365 223 25 216.365 611 54	-19.965 812 24 -19.965 806 24	5.80 5.80	-23.95 -23.95	-11.30 -11.30	1.56 1.28 1.74 7.22 3.47 1.74	1.84 1.67 1.84 1.67	B 89.1	1.31											
14258-2651	1	F CA	A 70538 B 70538	6.676 0.003 10.376 0.098			216.449 051 21 216.448 825 46	-26.852 105 25 -26.852 175 23	12.99 12.99	-4.70 -4.70	-56.07 -56.07	0.97 0.74 1.09 29.55 27.25 1.09	0.95 0.82 0.95 0.82	A 251	0.77											
14259-2208	1	I CA	A 70552 B 70550	8.137 0.010 10.467 0.069	8.484 0.009 10.383 0.038	8.088 0.010 9.734 0.035	216.483 052 88 216.479 023 68	-22.126 936 57 -22.124 251 73	12.29 12.43	-81.17 -51.64	2.88 7.87	2.32 1.85 2.24 31.29 16.87 14.56	2.48 2.05 16.71 11.52	A 305.73	16.55	+0.07	-0.02									
14260+4213	1	F CA	A 70564 B 70564	9.599 0.070 9.973 0.099			216.509 780 31 216.509 792 94	+42.218 051 88 +42.218 107 40	11.11 11.11	42.93 42.93	6.39 6.39	5.67 7.83 1.24 6.03 8.89 1.24	1.01 1.13 1.01 1.13	A 10	0.20											
14261-6536	1	F CA	A 70573 B 70573	8.764 0.091 9.417 0.166			216.533 490 36 216.533 386 51	-65.606 682 76 -65.606 686 21	11.01 11.01	-125.73 -125.73	13.15 13.15	7.49 4.99 1.05 10.58 9.07 1.05	0.69 0.86 0.69 0.86	A 265	0.15											
14261-6729	1	I CA	A 70575 B 70572	9.021 0.008 9.801 0.014	9.073 0.011 9.768 0.017	8.951 0.013 9.631 0.022	216.536 209 55 216.530 855 15	-67.490 375 68 -67.487 616 58	3.29 1.25	-16.12 -17.34	-10.30 -14.25	2.10 2.41 2.45 5.54 5.89 3.92	2.40 2.72 4.44 4.86	A 323.39	12.374	-0.02	-0.002									
14262+2154	1	F CB	A 70577 B 70577	8.958 0.080 11.519 0.850			216.547 755 90 216.547 750 77	+21.900 886 89 +21.900 831 26	0.49 0.49	-8.13 -8.13	5.72 5.72	2.96 9.40 1.73 34.48 60.32 1.73	1.58 1.27 1.58 1.27	A 185	0.20											
14262-4523	1	L CA	A 70576 B 70576	4.925 0.060 5.545 0.106			216.545 008 85 216.545 002 28	-45.379 248 18 -45.379 283 55	10.38 10.38	14.35 12.13	-14.22 7.57	2.53 4.06 0.72 4.41 5.71 0.72	1.83 1.20 3.09 1.84	A 187	0.128	+2	-0.021									
14263+0152	1	F CA	A 70582 B 70582	10.673 0.010 11.302 0.017			216.565 463 71 216.565 336 36	+1.868 890 90 +1.868 762 75	4.40 4.40	-123.76 -123.76	20.80 20.80	5.11 3.25 4.91 11.74 6.82 4.91	4.94 3.58 4.94 3.58	A 225	0.65											
14263-2413	1	F CA	A 70584 B 70584	8.943 0.005 9.863 0.011	9.330 0.020 9.967 0.047	8.769 0.019 9.423 0.028	216.576 564 09 216.577 114 71	-24.212 239 46 -24.212 707 88	3.25 3.25	-24.08 -24.08	1.49 1.49	1.87 1.48 2.09 4.87 3.57 2.09	2.18 1.70 2.18 1.70	A 133.0	2.47											
14263-5144	1	I CA	A 70589 B 70587	10.848 0.018 11.818 0.035	11.270 0.065	10.975 0.085	216.587 743 91 216.582 971 91	-51.741 377 99 -51.738 302 38	6.16 2.74	-17.19 5.30	-22.37 8.29	4.54 4.22 5.00 17.57 15.19 14.63	5.22 5.16 15.96 15.75	A 316.1	15.35	+0.1	+0.01									
14263-5342	1	F CA	A 70583 B 70583	9.973 0.186 10.584 0.326			216.575 136 15 216.575 218 87	-53.697 960 71 -53.697 991 99	-0.46 -0.46	-19.95 -19.95	-12.99 -12.99	12.25 8.64 1.60 33.11 29.28 1.60	1.30 1.61 1.30 1.61	A 123	0.21											
14264-4946	1	F CA	A 70597 B 70597	8.894 0.005 11.066 0.037	9.300 0.010 10.579 0.097	8.778 0.010 9.826 0.054	216.595 563 20 216.595 977 40	-49.766 105 50 -49.766 660 10	11.44 11.44	-56.66 -56.66	-41.42 -41.42	1.19 1.13 1.74 8.86 11.49 1.74	1.33 1.47 1.33 1.47	A 154.2	2.22											
14265-3630	1	F CA	A 70607 B 70607	9.796 0.011 11.880 0.070	10.364 0.032	9.646 0.026	216.636 235 16 216.636 495 02	-36.497 970 17 -36.497 530 55	10.61 10.61	114.16 114.16	-85.76 -85.76	2.46 1.66 2.49 21.74 13.27 2.49	2.38 1.99 2.38 1.99	A 25	1.75											
14265-3901	1	F CA	A 70604 B 70604	9.469 0.031 11.745 0.250			216.630 268 44 216.630 365 21	-39.017 628 41 -39.017 585 79	5.18 5.18	-45.62 -45.62	-12.53 -12.53	6.55 4.78 2.47 39.99 36.27 2.47	2.16 1.90 2.16 1.90	A 60	0.31											
14267+1625	1	L CA	A 70619 B 70619	8.780 0.029 9.359 0.050			216.682 840 40 216.682 778 12	+16.414 258 08 +16.414 221 01	9.77 9.77	-10.27 -4.70	0.49 -14.22	4.30 3.90 1.18 6.61 6.58 1.18	1.60 1.90 2.45 2.94	A 238	0.253	-3	+0.003									
14269+5602	1	F CC	A 70630 B 70630	7.573 0.007 11.090 0.179			216.714 925 59 216.715 047 53	+56.036 272 75 +56.036 215 00	3.84 3.84	-21.89 -21.89	18.55 18.55	1.23 1.14 0.75 30.30 31.59 0.75	0.77 0.75 0.77 0.75	A 130	0.32											
14270+0341	1	F CA	A 70643 B 70643	9.232 0.011 9.328 0.012	9.683 0.023 9.731 0.025	9.094 0.026 9.171 0.024	216.743 716 67 216.743 945 00	+3.687 566 45 +3.688 293 28	9.53 9.53	-52.34 -52.34	-68.64 -68.64	2.65 2.06 2.84 4.69 3.60 2.84	2.58 2.29 2.58 2.29	A 17.4	2.742											



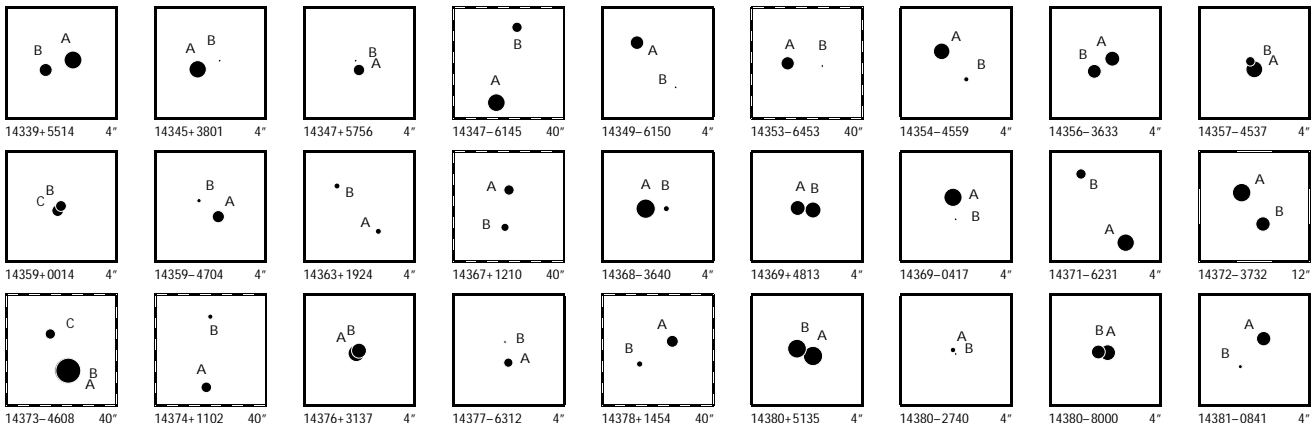
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14272-3647	1	FCA	A 70662 B 70662	9.749 0.012 9.775 0.012								216.799 562 20 216.799 616 67	-36.787 150 04 -36.787 249 41	3.24 3.24	-23.60 -23.60	-5.34 -5.34	4.91 2.79 2.85 2.42 2.68 4.48 2.63 2.85 2.42 2.68	A 156	0.391							
14273-4902	1	LCA	A 70670 B 70670	10.746 0.016 12.482 0.076	11.281 0.060	10.651 0.057						216.819 341 78 216.823 485 60	-49.037 627 77 -49.036 638 47	3.87 3.87	-33.34 23.24	-21.91 21.60	3.10 2.70 4.14 3.30 3.05 23.98 26.34 4.14 21.61 23.26	A 70.0	10.41	-0.1	+0.07					
14276+2037	1	FNB	A 70694 B 70694	10.381 0.014 10.407 0.014								216.888 794 86 216.888 615 33	+20.618 727 73 +20.618 527 56	8.98 8.98	-46.14 -46.14	8.83 8.83	2.65 2.33 2.83 2.43 2.09 4.13 3.70 2.83 2.43 2.09	A 220.0	0.941							
14277+5820	1	FCC	A 70709 B 70709	7.873 0.004 11.895 0.133								216.927 822 37 216.928 127 69	+58.334 469 40 +58.334 412 95	4.42 4.42	-2.17 -2.17	15.99 15.99	0.74 0.70 0.71 0.70 0.73 26.46 33.28 0.71 0.70 0.73	A 109	0.61							
14277-4113	1	FND	A 70707 C 70707	9.442 0.014 9.683 0.017	9.852 0.028 10.134 0.036	9.248 0.025 9.589 0.035						216.924 320 40 216.925 170 16	-41.213 731 00 -41.214 562 68	7.72 7.72	-14.13 -14.13	-0.13 -0.13	5.09 2.91 2.68 2.40 2.34 3.34 2.45 2.68 2.40 2.34	A 142.5	3.78							
14278+0007	1	FCB	A 70717 B 70717	9.442 0.010 12.175 0.111	9.874 0.029	9.370 0.029						216.942 680 07 216.942 217 16	+0.109 441 85 +0.107 894 40	5.01 5.01	-34.73 -34.73	2.72 2.72	2.34 2.01 3.12 2.89 1.89 40.45 31.66 3.12 2.89 1.89	A 196.7	5.81							
14278+3257	1	FCA	A 70712 B 70712	8.726 0.007 11.690 0.102	8.938 0.011	8.658 0.011						216.938 801 00 216.938 748 83	+32.950 806 16 +32.951 666 11	6.70 6.70	-23.05 -23.05	-2.52 -2.52	1.06 1.22 1.63 1.42 1.43 21.77 22.51 1.63 1.42 1.43	A 357.1	3.10							
14279+2123	1	FCA	A 70728 B 70728	9.713 0.011 9.968 0.014	10.276 0.032 10.592 0.049	9.594 0.028 9.828 0.040						216.978 197 35 216.977 022 34	+21.376 314 03 +21.375 589 62	10.94 10.94	40.38 40.38	-92.99 -92.99	2.39 2.04 2.45 2.40 1.93 5.16 5.42 2.45 2.40 1.93	A 236.5	4.724							
14282-0214	1	FCB	A 70755 B 70755	4.968 0.005 9.101 0.169	5.681 0.004 10.020 0.730	4.913 0.003 9.928 0.045						217.050 918 06 217.052 263 79	-2.227 950 09 -2.228 444 98	24.15 24.15	-140.94 -140.94	-2.92 -2.92	0.99 0.85 1.00 1.04 0.83 43.81 34.92 1.00 1.04 0.83	A 110.2	5.16							
14284-2301	1	FCA	A 70768 B 70768	8.058 0.004 11.229 0.071	8.462 0.011	7.973 0.014						217.097 379 78 217.096 611 69	-23.012 467 33 -23.011 496 03	14.81 14.81	-76.19 -76.19	-50.55 -50.55	1.22 1.03 1.33 1.24 1.15 18.63 16.69 1.33 1.24 1.15	A 324.0	4.32							
14285+2817	1	IND	A 70786 B 70781	7.131 0.011 7.650 0.014	7.087 0.006 7.619 0.007	7.095 0.006 7.584 0.008						217.138 681 47 217.130 740 78	+28.290 539 45 +28.289 468 55	3.79 0.26	15.18 16.26	-4.81 -8.24	1.50 1.57 1.67 1.57 1.50 4.25 5.21 3.37 3.10 3.17	A 261.29	25.466	-0.01	-0.001					
14285+7303	1	LCA	A 70783 B 70771	8.688 0.017 10.095 0.050	8.795 0.025 10.275 0.040	8.585 0.029 9.928 0.045						217.132 588 33 217.117 239 45	+73.055 106 99 +73.051 873 52	-1.32 -4.01	13.96 20.16	-8.17 -9.68	1.84 2.01 1.64 1.92 2.24 16.87 18.71 6.41 7.78 8.72	A 234.15	19.87	-0.01	0.00					
14287-5513	1	FCB	A 70796 B 70796	8.052 0.113 9.820 0.578								217.174 090 24 217.174 072 30	-55.221 486 19 -55.221 444 57	4.73 4.73	19.80 19.80	-20.11 -20.11	4.21 10.16 0.92 0.77 0.84 25.96 31.69 0.92 0.77 0.84	A 346	0.15							
14288-6032	1	FND	A 70808 B 70808	8.782 0.018 12.184 0.403	9.131 0.016	8.709 0.017						217.211 999 51 217.211 333 23	-60.540 301 40 -60.540 571 92	3.65 3.65	-6.17 -6.17	-4.30 -4.30	1.95 1.48 2.09 1.78 1.66 75.26 49.42 2.09 1.78 1.66	A 230	1.53							
14290+5341	1	FCC	A 70823 B 70823	8.726 0.008 12.660 0.285	9.258 0.018	8.674 0.016						217.252 182 71 217.251 830 05	+53.680 669 28 +53.679 929 56	11.97 11.97	-64.42 -64.42	15.28 15.28	0.84 0.84 0.92 0.86 0.95 32.61 41.08 0.92 0.86 0.95	A 196	2.77							
14292+3817	1	FCC	A 70836 B 70836	9.334 0.010 12.776 0.238	10.433 0.032	9.274 0.019						217.288 082 90 217.286 917 34	+38.278 266 70 +38.277 996 76	27.40 27.40	185.23 185.23	-246.38 -246.38	1.64 2.02 2.62 1.91 2.16 59.57 68.19 2.62 1.91 2.16	A 254	3.43							
14293+0018	1	FCA	A 70845 B 70845	11.761 0.066 11.918 0.076								217.317 821 82 217.317 933 01	+0.304 821 51 +0.304 832 34	13.25 13.25	81.95 81.95	-61.34 -61.34	10.34 7.40 7.56 8.20 5.15 21.34 20.67 7.56 8.20 5.15	A 84	0.40							
14293+1318	1	FCA	A 70854 B 70854	9.618 0.103 10.614 0.257								217.336 051 06 217.336 102 84	+13.293 963 09 +13.293 931 77	1.82 1.82	22.24 22.24	-12.39 -12.39	9.01 5.10 1.82 1.57 1.26 24.71 14.83 1.82 1.57 1.26	A 122	0.21							
14293-7945	1	LCA	A 70847 B 70858	9.176 0.015 11.205 0.082	9.669 0.024 11.771 0.122	9.096 0.022 11.074 0.113						217.322 310 24 217.346 223 21	-79.747 297 56 -79.749 424 78	10.09 3.42	88.31 32.42	68.97 14.15	2.13 2.01 1.97 2.06 2.05 30.80 30.33 12.14 21.27 20.84	A 116.6	17.13	+0.2	-0.03					
14294-8006	1	LCA	A 70861 B 70861	8.114 0.005 8.837 0.009	8.508 0.021 9.283 0.039	8.067 0.020 8.707 0.036						217.359 199 43 217.365 019 67	-80.103 361 46 -80.104 071 75	13.52 13.52	-45.22 -51.70	6.51 10.42	1.41 1.35 1.39 1.19 1.23 3.85 3.79 1.39 2.39 2.55	A 125.38	4.417	+0.01	-0.008					
14295+3612	1	FCA	A 70869 B 70869	9.773 0.265 9.901 0.299								217.386 464 50 217.386 477 66	+36.207 193 14 +36.207 236 21	5.45 5.45	-38.19 -38.19	2.90 2.90	8.31 16.62 1.14 0.62 0.89 8.89 25.20 1.14 0.62 0.89	A 14	0.16							
14295-3702	1	LCA	A 70868 C 70868	8.572 0.147 8.887 0.197								217.386 255 77 217.386 253 93	-37.039 470 98 -37.039 434 04	14.79 14.79	-110.32 -125.53	-22.07 -47.93	6.98 10.62 1.10 5.50 2.57 9.27 10.75 1.10 7.24 3.23	A 358	0.133	-7	-0.025					
14298-2533	1	LCA	A 70893 B 70895	7.881 0.007 9.979 0.038	9.304 0.019 10.335 0.044	7.842 0.011 9.665 0.041						217.458 109 05 217.461 386 18	-25.542 788 26 -25.540 896 24	4.16 5.88	0.64 0.20	-38.64 -41.03	2.16 1.99 2.17 2.51 2.29 14.38 13.07 7.49 8.55 7.37	A 57.39	12.64	+0.01	0.00					
14299-4231	1	FCA	A 70898 B 70898	8.425 0.005 11.516 0.082	8.757 0.012	8.369 0.013						217.471 322 47 217.470 548 49	-42.518 046 53 -42.515 586 61	8.79 8.79	-33.14 -33.14	-21.66 -21.66	1.76 1.07 1.68 2.35 1.60 39.29 15.99 1.68 2.35 1.60	A 346.9	9.09							
14301+4737	1	FCA	A 70910 B 70910	10.106 0.010 11.350 0.029								217.513 713 10 217.513 639 44	+47.624 182 84 +47.624 292 54	4.15 4.15	3.21 3.21	10.81 10.81	1.67 2.03 1.79 1.56 1.59 6.68 6.86 1.79 1.56 1.59	A 336	0.43							
14303-3337	1	FND	A 70926 B 70926	7.953 0.014 10.827 0.204								217.563 936 24 217.563 992 69	-33.618 994 09 -33.619 053 34	1.51 1.51	13.73 13.73	-14.01 -14.01	1.74 1.49 1.55 1.22 1.19 40.70 28.52 1.55 1.22 1.19	A 142	0.27							
14306-6052	1	LFD	A 70939 B 70940	9.398 0.091 10.273 0.165	10.730 0.049	9.345 0.025						217.647 623 36 217.649 149 61	-60.865 094 11 -60.871 665 56	2.82 2.82	-6.56 -96.46	-9.98 -33.48	3.53 3.14 3.70 4.33 3.75 39.99 32.14 3.70 31.11 35.11	A 173.5	23.81	+0.2	+0.01					



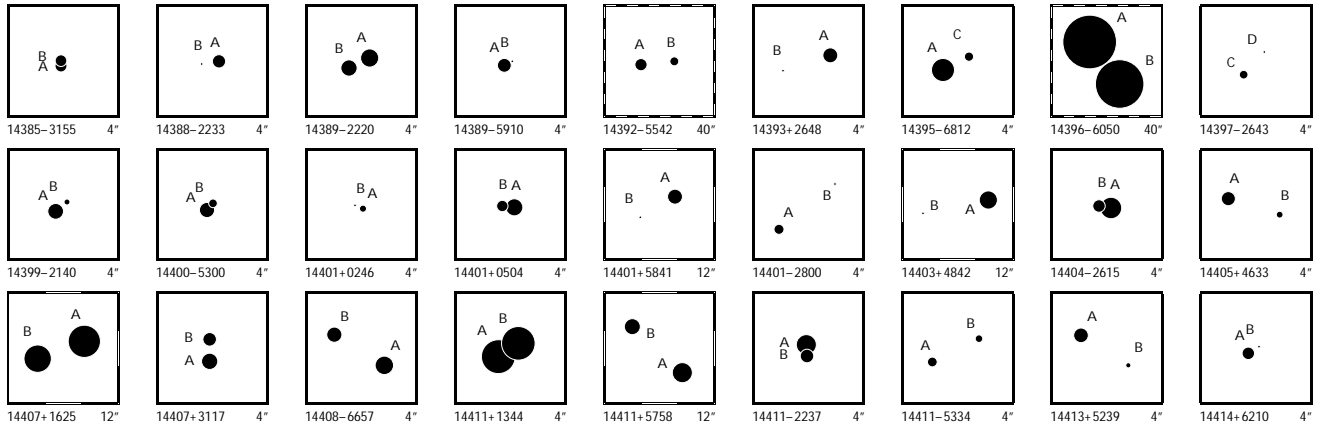
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14310-0548	1	L CA	B 70973 A 70973	8.390 0.062 8.813 0.091					217.753 100 34 217.753 075 30	-5.802 280 69 -5.802 326 24	26.04 26.04		-198.54 -212.02	-46.22 14.63		3.96 5.29	5.88 7.08	1.04 1.04	3.50 5.01	2.96 4.40			B 209	0.187	+13	-0.047	
14310-4351	1	L FC P	A 70976 C 70970	8.842 0.007 10.605 0.032	9.385 0.018 11.223 0.107	8.751 0.016 10.109 0.061			217.756 432 56 217.752 622 95	-43.848 170 49 -43.849 825 93	14.98 14.98	-159.42 -67.82	0.65 -3.05		6.24 45.00	3.92 24.43	5.85 5.85	5.74 45.02	6.06 24.17			A 238.9	11.55	-0.3	-0.08		
14311+2801	1	F CB	A 70979 B 70979	9.583 0.014 12.598 0.215	9.940 0.026	9.487 0.026			217.764 701 82 217.764 727 25	+28.009 855 77 +28.009 494 97	6.45 6.45	-33.90 -33.90	10.30 10.30		1.73 42.54	1.83 39.03	2.10 2.10	1.65 1.65	1.63 1.63			A 176	1.30				
14312+7634	1	F CA	A 70985 B 70985	8.357 0.004 10.820 0.038	8.646 0.012 11.460 0.094	8.318 0.012 10.626 0.071			217.793 358 45 217.782 422 41	+76.565 300 89 +76.565 056 70	7.22 7.22	13.34 13.34	-2.59 -2.59		0.81 8.07	0.86 9.55	0.85 0.85	0.71 0.71	0.87 0.87			A 264.5	9.19				
14313+3955	1	F CB	A 71000 B 71000	9.479 0.350 9.613 0.396					217.814 318 08 217.814 369 22	+39.912 485 88 +39.912 484 41	11.02 11.02	-20.49 -20.49	19.93 19.93		28.13 20.28	21.22 24.38	0.92 0.92	0.71 0.71	0.76 0.76			A 92	0.14				
14313-1538	1	F CA	A 71006 B 71006	8.486 0.007 9.433 0.016	9.067 0.022 9.915 0.074	8.310 0.020 9.126 0.050			217.831 747 88 217.832 245 43	-15.637 913 12 -15.637 822 20	22.85 22.85	221.95 221.95	-375.28 -375.28		1.67 4.97	1.24 3.71	1.65 1.65	1.86 1.86	1.33 1.33			A 79.3	1.756				
14313-6743	1	F CA	A 71002 C 71002	6.079 0.002 8.804 0.021					217.818 275 28 217.818 170 38	-67.717 054 01 -67.716 803 95	11.88 11.88	36.16 36.16	-58.80 -58.80		0.45 6.48	0.50 6.94	0.68 0.68	0.46 0.46	0.51 0.51			A 351.0	0.91				
14317+0150	1	F CB	B 71041 A 71041	10.244 0.015 10.348 0.016	10.036 0.038 10.161 0.042	9.575 0.039 9.745 0.044			217.933 334 86 217.933 133 49	+1.838 451 10 +1.838 927 01	6.79 6.79	-9.06 -9.06	5.26 5.26		8.15 9.96	6.92 8.73	5.64 5.64	6.69 6.69	7.44 7.44			B 337.1	1.86				
14318-7616	1	F CA	A 71055 B 71055	7.177 0.003 9.878 0.036	8.551 0.011 9.723 0.023	7.155 0.004 9.460 0.061			217.958 824 80 217.961 213 13	-76.273 947 73 -76.274 240 49	1.63 1.63	-5.04 -5.04	-5.79 -5.79		0.65 9.80	0.65 8.67	0.77 0.77	0.69 0.69	0.74 0.74			A 117.3	2.30				
14319-3227	1	F CA	A 71059 B 71059	9.589 0.008 10.179 0.014					217.974 473 75 217.974 676 31	-32.452 742 11 -32.452 809 19	-1.15 -1.15	-34.19 -34.19	1.51 1.51		2.89 5.81	2.17 4.82	3.16 3.16	2.94 2.94	2.27 2.27			A 111.4	0.66				
14323+2641	1	L CA	A 71094 B 71094	6.612 0.034 7.078 0.053					218.084 479 23 218.084 444 65	+26.677 360 68 +26.677 314 28	14.03 14.03	-79.13 -55.76	-13.65 -39.44		2.59 3.88	3.48 5.16	0.92 0.92	1.14 1.54	1.41 1.41			A 214	0.201	-10	+0.009		
14324+0653	1	F CB	A 71102 B 71102	8.286 0.027 11.058 0.349					218.101 189 82 218.101 256 33	+6.890 801 95 +6.890 756 24	8.35 8.35	-13.52 -13.52	33.83 33.83		5.19 47.20	3.23 29.69	2.48 2.48	2.02 2.02	2.14 2.14			A 125	0.29				
14324+3138	1	I CA	A 71100 B 71097	9.309 0.018 10.139 0.030	9.916 0.024 10.601 0.035	9.233 0.022 9.881 0.030			218.094 692 28 218.089 974 64	+31.636 812 31 +31.635 154 06	4.12 3.20	16.24 22.43	-27.42 -26.36		3.25 11.68	3.82 10.29	3.80 6.67	4.11 11.06	4.94 8.97			A 247.57	15.64	-0.01	-0.01		
14325+0547	1	F CC	A 71108 B 71108	10.861 0.074 13.165 0.619					218.127 444 58 218.127 501 73	+5.776 839 73 +5.776 883 62	24.95 24.95	-85.11 -85.11	323.25 323.25		11.14 93.95	10.83 74.29	3.58 3.58	2.93 2.93	3.12 3.12			A 52	0.26				
14325+4911	1	F CB G	A 71109 B 71109 C 71109	8.117 0.021 11.768 0.238 12.620 1.269	8.574 0.009	8.067 0.009			218.128 594 86 218.130 408 86 218.130 771 72	+49.184 069 32 +49.183 103 01 +49.182 863 15	11.68 11.68 11.68	-28.31 -28.31 -28.31	12.29 12.29 12.29		1.41 26.29 32.37	1.67 32.31 33.80	1.78 1.78 1.78	1.42 1.42 1.42	1.50 1.50 1.50			A 129.2 B 135	5.51 1.21				
14325-1300	1	F CA	A 71113 B 71113	9.540 0.022 10.207 0.040	10.070 0.038	9.282 0.029			218.136 320 00 218.136 238 27	-13.003 833 35 -13.004 186 26	9.27 9.27	-49.50 -49.50	7.41 7.41		3.41 8.99	2.83 11.39	3.25 3.25	3.93 3.93	3.00 3.00			A 193	1.30				
14329+2009	1	F CA	A 71134 B 71134	9.829 0.007 12.594 0.083	10.413 0.033	9.740 0.029			218.218 653 86 218.216 183 22	+20.152 357 78 +20.151 146 71	7.11 7.11	-43.72 -43.72	-12.30 -12.30		1.40 22.82	1.47 25.83	1.78 1.78	1.39 1.39	1.52 1.52			A 242.4	9.42				
14330-4224	1	F CA	A 71140 B 71140	8.386 0.070 8.894 0.111					218.237 839 09 218.237 840 33	-42.405 432 60 -42.405 384 86	8.02 8.02	-20.85 -20.85	-17.91 -17.91		4.10 6.46	6.13 8.47	1.09 1.09	1.09 1.09	1.17 1.17			A 1	0.172				
14332-3043	1	F CA	A 71154 B 71154	6.271 0.004 9.865 0.107	7.418 0.007	6.213 0.005			218.290 098 26 218.290 296 76	-30.714 972 13 -30.714 254 59	7.92 7.92	40.41 40.41	-39.68 -39.68		1.03 25.73	0.71 25.59	0.97 0.97	1.23 1.23	0.79 0.79			A 13	2.69				
14332-4124	1	F CA	A 71157 B 71157	9.070 0.005 11.509 0.046	9.551 0.025	9.001 0.024			218.302 709 22 218.303 128 98	-41.392 818 83 -41.393 600 49	4.88 4.88	44.98 44.98	1.88 1.88		1.82 22.08	1.55 11.76	2.08 2.08	2.10 2.10	2.12 2.12			A 158.1	3.03				
14332-6935	1	L CA	A 71155 B 71155	8.288 0.028 10.126 0.152					218.296 820 35 218.296 964 77	-69.588 144 71 -69.588 175 49	8.21 8.21	-9.59 -27.48	-27.91 -25.90		3.45 15.03	3.19 6.15	1.01 1.01	1.36 1.36	1.71 6.05			A 121	0.21	+2	-0.02		
14333+8556	1	F CA	A 71161 B 71161	7.395 0.004 9.790 0.034	8.503 0.010 9.962 0.027	7.338 0.006 9.369 0.033			218.324 137 13 218.317 799 57	+85.938 405 16 +85.938 905 36	5.62 5.62	-16.10 -16.10	-4.85 -4.85		0.65 6.96	0.75 7.27	0.72 0.72	0.71 0.71	0.94 0.94			A 318.1	2.42				
14333-2707	1	F ND D	A 71164 B 71164	9.554 0.013 12.606 0.213					218.329 945 53 218.330 107 70	-27.113 114 92 -27.113 116 13	6.41 6.41	98.77 98.77	-201.75 -201.75		2.16 55.00	1.56 30.00	2.05 2.05	2.24 2.24	1.63 1.63			A 90	0.52				
14335-3319	1	F CB	A 71179 B 71179	7.105 0.006 10.560 0.122	8.249 0.010 11.192 0.098	7.041 0.008 10.584 0.096			218.364 397 56 218.366 213 24	-33.316 074 19 -33.319 688 29	5.42 5.42	3.09 3.09	5.59 5.59		1.28 47.56	0.97 46.56	1.42 1.42	1.29 1.29	1.09 1.09			A 157.2	14.11				
14335-6909	1	F CA	A 71183 B 71183	8.904 0.005 9.195 0.007					218.374 514 99 218.374 104 61	-69.152 702 90 -69.152 746 07	5.60 5.60	-104.41 -104.41	-55.83 -55.83		1.88 2.86	1.77 3.26	2.28 2.28	1.99 1.99	1.85 1.85			A 253.5	0.548				
14336+3535	1	F CA	A 71193 B 71193	8.162 0.004 9.030 0.009	8.854 0.009 9.702 0.016	8.059 0.009 8.827 0.012			218.401 891 13 218.402 519 52	+35.585 563 83 +35.586 228 65	25.40 25.40	-193.64 -193.64	64.75 64.75		0.84 2.18	1.18 3.20	1.45 1.45	0.81 0.81	1.13 1.13			A 37.55	3.019				
14337+4300	1	F CA	A 71206 B 71206	6.876 0.003 10.250 0.063	7.137 0.005	6.812 0.005			218.436 064 91 218.436 460 25	+43.007 705 83 +43.007 335 81	12.90 12.90	-44.41 -44.41	41.44 41.44		0.59 14.93	0.61 13.41	0.73 0.73	0.67 0.67	0.60 0.60			A 142	1.69				



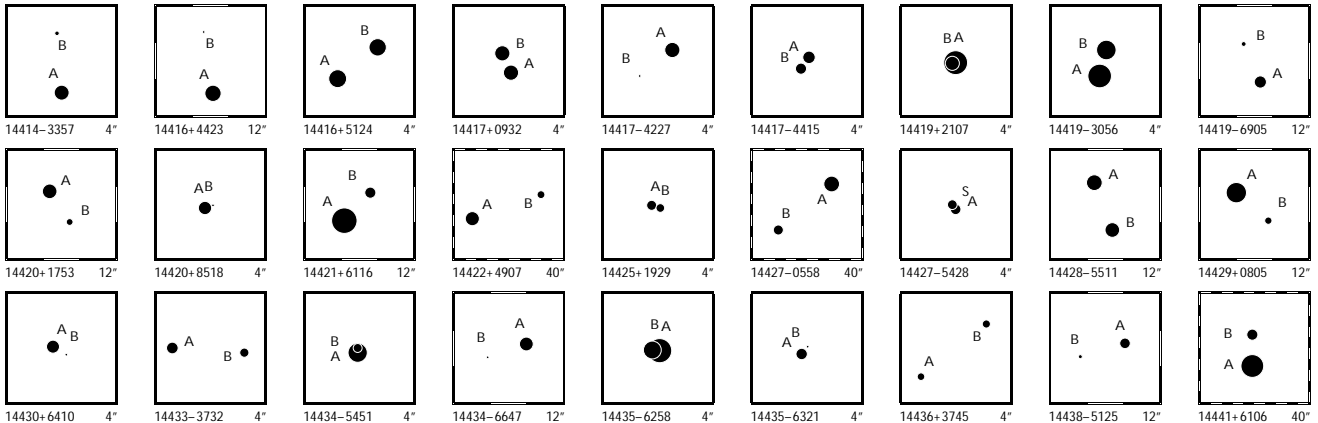
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. mas	Proper Motion		Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
14339+5514	1	F CA	A 71222 B 71222	8.026 0.005 9.112 0.013				218.468 673 61 218.469 170 88	+55.235 986 54 +55.235 883 36	6.55 6.55	-8.52 9.60 -8.52 9.60	0.96 1.08 1.07 1.06 1.15 3.49 3.22 1.07 1.06 1.15	A	110.0	1.086												
14345+3801	1	F CA	A 71268 B 71268	8.188 0.004 11.551 0.093				218.628 150 71 218.627 859 89	+38.012 499 76 +38.012 589 30	4.76 4.76	-31.73 22.73 -31.73 22.73	0.83 0.98 1.32 0.90 1.06 25.01 25.68 1.32 0.90 1.06	A	291	0.89												
14347+5756	1	F CA	A 71283 B 71283	9.492 0.011 12.193 0.130				218.668 669 15 218.668 731 43	+57.939 423 48 +57.939 521 55	4.27 4.27	1.05 -9.57 1.05 -9.57	1.38 1.76 1.11 1.01 1.13 20.34 22.38 1.11 1.01 1.13	A	19	0.37												
14347-6145	1	IND D	A 71281 B 71278	8.079 0.009 9.699 0.027	9.995 0.031 9.853 0.026	8.150 0.013 9.657 0.033		218.666 001 82 218.661 343 72	-61.748 382 80 -61.740 720 59	2.03 5.58	-3.89 -18.04 -5.95 0.16	2.20 2.00 2.17 2.35 2.20 9.05 8.72 6.45 7.75 7.22	A	343.94	28.70	+0.01	+0.02										
14349-6150	1	F CC	A 71307 B 71307	9.003 0.021 12.230 0.414	9.063 0.015	8.914 0.018		218.732 532 38 218.731 684 40	-61.826 183 82 -61.826 638 66	-0.81 -0.81	-3.40 -1.23 -3.40 -1.23	1.33 1.30 1.74 1.39 1.48 71.34 67.59 1.74 1.39 1.48	A	221	2.18												
14353-6453	1	F CB	A 71337 B 71337	9.032 0.011 12.039 0.173	9.879 0.019	8.959 0.014		218.831 922 63 218.823 759 74	-64.884 253 30 -64.884 494 69	1.65 1.65	-5.64 -5.56 -5.64 -5.56	1.63 1.96 2.54 1.87 2.34 40.14 55.90 2.54 1.87 2.34	A	266.0	12.50												
14354-4559	1	F CA	A 71346 B 71346	8.357 0.007 10.851 0.067	8.747 0.009	8.249 0.009		218.861 668 02 218.861 296 24	-45.990 304 97 -45.990 369 76	8.28 8.28	-85.78 -12.53 -85.78 -12.53	1.55 1.09 1.87 1.55 1.65 24.11 9.56 1.87 1.55 1.65	A	222	1.38												
14356-3633	1	L CA	A 71362 B 71362	8.728 0.006 8.918 0.007				218.907 255 40 218.907 484 62	-36.551 763 72 -36.551 889 95	11.61 11.61	-6.36 -24.12 -21.90 -27.68	2.86 2.25 2.65 2.33 2.86 4.43 3.46 2.65 3.08 3.76	A	124.4	0.804	+0.8	-0.011										
14357-4537	1	F CA	A 71369 B 71369	8.294 0.015 9.895 0.066				218.937 315 49 218.937 371 30	-45.618 451 02 -45.618 369 76	13.84 13.84	-51.60 -5.56 -51.60 -5.56	2.52 2.39 1.66 1.39 1.34 10.97 7.67 1.66 1.39 1.34	A	26	0.32												
14359+0014	1	F CA	C 71377 B 71377	9.441 0.061 9.571 0.069				218.948 069 06 218.948 026 45	+0.242 906 00 +0.242 955 34	9.24 9.24	-7.06 -16.35 -7.06 -16.35	12.53 6.21 1.70 2.04 1.43 11.66 6.02 1.70 2.04 1.43	C	319	0.23												
14359-4704	1	F CA	A 71385 B 71385	9.296 0.006 11.058 0.028				218.965 036 47 218.965 330 54	-47.073 853 37 -47.073 688 22	5.80 5.80	-34.53 -21.41 -34.53 -21.41	1.39 1.10 2.02 1.54 1.46 9.76 5.73 2.02 1.54 1.46	A	50.5	0.93												
14363+1924	1	F CA	A 71413 B 71413	10.658 0.007 10.709 0.008	10.437 0.053 10.628 0.090	9.876 0.050 9.836 0.042		219.063 905 02 219.064 357 50	+19.405 990 19 +19.406 455 11	5.43 5.43	0.53 -11.05 0.53 -11.05	3.66 3.51 4.01 3.70 3.12 4.75 5.61 4.01 3.70 3.12	A	42.6	2.27												
14367+1210	1	I CA	A 71448 B 71449	9.713 0.018 10.212 0.026	10.200 0.042 10.771 0.063	9.595 0.037 10.095 0.054		219.176 620 26 219.177 072 51	+12.169 574 88 +12.165 653 21	-0.01 16.15	-16.96 7.15 -45.63 1.08	6.87 4.98 6.13 6.90 4.86 15.72 11.98 12.01 12.97 9.55	A	173.6	14.21	+0.1	0.00										
14368-3640	1	F CA	A 71457 B 71457	7.738 0.004 10.659 0.053				219.194 518 21 219.194 249 94	-36.665 336 01 -36.665 335 43	3.55 3.55	-3.35 -2.88 -3.35 -2.88	1.07 0.81 1.23 1.00 1.08 12.38 10.07 1.23 1.00 1.08	A	270	0.77												
14369+4813	1	L CA	B 71467 A 71467	8.488 0.005 8.685 0.006				219.234 139 12 219.234 375 47	+48.221 520 14 +48.221 539 45	9.31 9.31	-13.47 46.55 -14.24 58.64	2.28 1.93 1.74 1.93 1.33 2.68 2.65 1.74 2.53 1.99	B	83.0	0.571	-1.2	+0.001										
14369-0417	1	F CA	A 71462 B 71462	7.967 0.003 11.682 0.092				219.224 579 20 219.224 556 13	-4.279 015 80 -4.279 245 30	19.12 19.12	-358.85 9.58 -358.85 9.58	1.22 0.95 1.43 1.43 1.19 34.81 23.56 1.43 1.43 1.19	A	186	0.83												
14371-6231	1	F CA	A 71475 B 71475	8.170 0.005 9.741 0.021	9.226 0.014 10.156 0.040	8.092 0.010 9.365 0.034		219.262 482 30 219.263 469 63	-62.508 639 68 -62.507 934 87	4.77 4.77	-9.01 0.13 -9.01 0.13	1.01 1.14 1.58 1.07 1.32 4.91 5.42 1.58 1.07 1.32	A	329	3.02												
14372-3732	1	F CA	A 71488 B 71488	7.940 0.005 8.847 0.012	9.002 0.033	8.605 0.034		219.289 417 63 219.288 597 54	-37.531 976 47 -37.532 931 91	4.89 4.89	-12.15 -8.93 -12.15 -8.93	1.34 1.06 1.51 1.32 1.83 4.89 3.10 1.51 1.32 1.83	A	214.2	4.161												
14373-4608	1	LNC G	A 71500 B 71500 C 71502	6.216 0.093 6.503 0.119 9.738 0.357				219.334 031 50 219.334 006 95 219.336 586 56	-46.133 432 00 -46.133 388 38 -46.129 607 06	2.44 2.44 2.44	-7.22 -5.71 -23.39 -17.20 339.73 803.65	2.05 2.53 1.25 2.82 1.50 8.06 5.54 1.25 6.98 2.91 90.61 56.40 1.25 72.32 48.23	A A A	339 24.8	0.169 15.17	-7 -0.1	-0.005 +0.88										
14374+1102	1	I CB	A 71505 B 71504	9.686 0.008 10.869 0.017	10.339 0.036	9.622 0.030		219.344 581 31 219.344 203 18	+11.027 865 75 +11.035 129 14	13.39 5.95	-286.98 59.61 -310.37 68.25	2.84 2.64 2.67 3.01 2.82 11.54 10.33 8.96 10.11 8.93	A	357.07	26.18	-0.05	+0.01										
14376+3137	1	F CA	A 71518 B 71518	8.311 0.159 8.727 0.234				219.396 165 43 219.396 128 31	+31.615 216 05 +31.615 238 46	7.29 7.29	-27.79 -39.92 -27.79 -39.92	9.69 7.00 0.85 0.72 0.71 11.83 9.23 0.85 0.72 0.71	A	305	0.14												
14377-6312	1	F CA	A 71525 B 71525	9.949 0.010 12.457 0.101				219.433 706 96 219.433 794 03	-63.196 414 77 -63.196 201 87	2.88 2.88	-4.45 -12.35 -4.45 -12.35	1.63 2.27 3.03 1.86 2.70 23.79 30.24 3.03 1.86 2.70	A	10	0.78												
14378+1454	1	I CA	A 71531 B 71532	9.363 0.023 10.632 0.067	9.722 0.030 11.009 0.076	9.281 0.030 10.511 0.081		219.454 483 95 219.457 936 89	+14.902 725 81 +14.900 371 72	0.68 3.89	-20.67 -13.49 -31.27 -9.26	4.55 3.83 4.29 5.32 3.75 22.91 20.54 11.95 15.39 11.47	A	125.20	14.70	+0.01	-0.01										
14380+5135	1	L CA	A 71548 B 71548	7.751 0.003 7.877 0.004				219.503 188 19 219.503 452 59	+51.578 337 25 +51.578 411 58	11.67 11.67	-57.99 6.85 -54.63 10.24	1.86 1.42 1.36 1.62 1.38 2.38 2.10 1.36 2.40 2.10	A	65.7	0.649	-0.2	+0.004										
14380-2740	1	F CB	A 71547 B 71547	10.792 0.243 11.617 0.519				219.502 946 26 219.502 913 40	-27.668 094 06 -27.668 131 66	2.35 2.35	-15.51 -4.29 -15.51 -4.29	11.75 16.93 1.83 1.83 1.37 33.65 35.00 1.83 1.83 1.37	A	218	0.17												
14380-8000	1	L CA	A 71550 B 71550	8.502 0.012 8.944 0.018				219.511 151 70 219.511 726 60	-79.995 928 69 -79.995 920 29	5.66 5.66	-14.88 -8.95 -18.07 -17.91	2.09 1.66 1.33 1.27 1.25 3.49 3.35 1.33 1.70 1.86	A	85.2	0.361	+1.4	-0.004										
14381-0841	1	F CB	A 71557 B 71557	8.847 0.020 11.097 0.161	9.246 0.023	8.678 0.021		219.527 573 21 219.527 810 15	-8.675 350 86 -8.675 637 58	8.08 8.08	27.76 -40.12 27.76 -40.12	4.52 4.20 5.09 5.18 4.35 45.59 67.25 5.09 5.18 4.35	A	141	1.33												



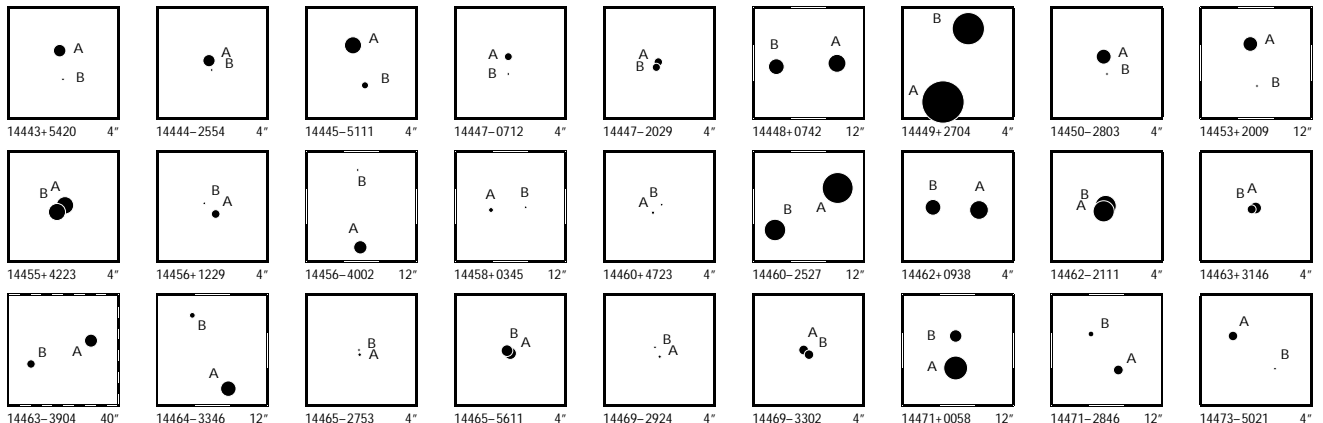
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	σ	σ	σ	α	δ	μ_{α}		μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14385-3155	1	F CA	A 71593 B 71593	9.350 9.434	0.150 0.162						219.632 872 46 219.632 870 42	-31.917 619 65 -31.917 572 88	4.30 4.30	9.66 9.66	2.09 2.09	7.81 12.23 1.12 8.37 12.85 1.12	1.16 0.91 1.16 0.91					A 358	0.17		
14388-2233	1	F CB	A 71619 B 71619	9.066 12.679	0.007 0.197						219.712 041 32 219.712 232 91	-22.542 513 66 -22.542 544 49	19.24 19.24	-13.06 -13.06	-174.32 -174.32	1.72 1.11 1.61 65.38 49.85 1.61	1.70 1.16 1.70 1.16					A 100	0.65		
14389-2220	1	F CA	A 71621 B 71621	7.990 8.418	0.004 0.006						219.727 619 16 219.727 850 13	-22.328 337 28 -22.328 437 56	4.17 4.17	-26.92 -26.92	-5.48 -5.48	1.70 1.28 1.77 2.49 1.91 1.77	1.74 1.35 1.74 1.35					A 115.1	0.850		
14389-5910	1	F ND	A 71620 B 71620	8.944 12.025	0.019 0.326						219.727 258 62 219.727 099 40	-59.161 509 28 -59.161 464 74	7.60 7.60	-4.23 -4.23	-53.01 -53.01	1.86 1.38 1.61 47.48 33.20 1.61	1.76 1.32 1.76 1.32					A 299	0.33		
14392-5542	1	I CA	A 71638 B 71636	9.329 10.037	0.012 0.022	9.377 0.015 11.019 0.061	9.227 0.019 9.943 0.036				219.796 356 56 219.790 370 04	-55.702 979 48 -55.702 610 67	0.36 -7.00	-4.81 16.01	-19.53 -7.67	3.14 2.69 3.62 10.71 8.80 5.88	3.26 3.64 9.08 9.70					A 276.21	12.27	+0.07	-0.02
14393+2648	1	F CA	A 71651 B 71651	8.703 11.410	0.008 0.090	9.053 0.013	8.601 0.013				219.830 912 69 219.831 452 54	+26.806 603 35 +26.806 450 84	5.25 5.25	-12.04 -12.04	-16.41 -16.41	1.27 1.01 1.59 14.25 12.52 1.59	1.34 1.22 1.34 1.22					A 107.6	1.82		
14395-6812	1	F CA	A 71668 C 71668	6.928 9.983	0.005 0.071	6.771 0.004	6.899 0.005				219.881 968 65 219.881 259 32	-68.203 373 23 -68.203 237 50	1.09 1.09	-4.87 -4.87	-5.63 -5.63	0.63 0.72 0.95 12.03 12.52 0.95	0.65 0.77 0.85 0.77					A 297	1.07		
14396-6050	1	L ND	A 71683 B 71681	0.137 1.243	0.047 0.115						219.920 410 34 219.914 128 33	-60.835 147 07 -60.839 471 39	742.12 742.12	-3678.19 -3600.35	481.84 952.11	1.42 1.08 1.40 46.20 36.28 1.40	1.51 1.24 26.10 19.75					A 215.3	19.07	+0.6	-0.43
14397-2643	1	F ND	D C 71686 D 71686	10.087 11.853	0.014 0.115	11.181 0.071	9.982 0.040				219.945 858 78 219.945 615 50	-26.697 970 68 -26.697 732 33	25.11 25.11	30.30 30.30	-36.74 -36.74	2.68 1.82 2.43 24.08 14.14 2.43	2.85 2.08 2.85 2.08					C 318	1.16		
14399-2140	1	F CA	A 71689 B 71689	8.519 10.707	0.005 0.040						219.964 883 34 219.964 761 06	-21.672 749 05 -21.672 653 13	2.45 2.45	-8.59 -8.59	-2.73 -2.73	1.58 1.19 1.45 14.88 7.19 1.45	1.54 1.33 1.54 1.33					A 310	0.54		
14400-5300	1	F CA	A 71693 B 71693	8.629 10.079	0.013 0.048						219.988 768 23 219.988 669 96	-53.001 431 81 -53.001 363 01	13.60 13.60	48.40 48.40	23.81 23.81	2.77 1.90 1.44 11.29 5.48 1.44	1.15 1.35 1.15 1.35					A 319	0.33		
14401+0246	1	F CA	A 71706 B 71706	10.426 11.697	0.032 0.104						220.017 684 09 220.017 762 46	+2.760 833 83 +2.760 871 72	8.24 8.24	21.48 21.48	-33.28 -33.28	5.22 4.62 2.85 21.84 20.30 2.85	2.66 2.47 2.66 2.47					A 64	0.31		
14401+0504	1	L CA	A 71710 B 71710	8.234 9.466	0.007 0.021						220.025 471 86 220.025 595 19	+5.066 938 64 +5.066 948 17	4.99 4.99	1.37 -10.67	-3.94 1.87	2.28 1.58 1.67 7.23 7.06 1.67	1.57 1.21 3.87 3.87					A 86	0.444	-1	-0.012
14401+5841	1	F CA	A 71711 B 71711	8.692 12.103	0.006 0.139	9.296 0.014	8.603 0.012				220.029 705 71 220.031 781 31	+58.679 311 62 +58.678 684 63	15.36 15.36	-112.58 -112.58	132.54 132.54	1.03 1.12 1.09 31.06 30.26 1.09	0.98 1.10 0.98 1.10					A 120.2	4.49		
14401-2800	1	F CA	A 71703 B 71703	9.762 11.766	0.011 0.065	10.533 0.043	9.619 0.032				220.014 432 78 220.013 788 16	-27.995 570 26 -27.995 110 26	14.96 14.96	-196.31 -196.31	-45.98 -45.98	2.44 1.85 2.56 22.90 18.20 2.56	3.24 2.35 3.24 2.35					A 308.9	2.63		
14403+4842	1	F CB	A 71723 B 71723	7.982 11.559	0.005 0.123	8.305 0.009	7.908 0.010				220.070 083 40 220.073 090 48	+48.708 888 59 +48.708 474 86	10.02 10.02	-64.85 -64.85	51.52 51.52	0.95 0.95 1.10 35.68 33.64 1.10	0.98 0.92 0.98 0.92					A 101.8	7.30		
14404-2615	1	F CA	A 71733 B 71733	7.238 9.255	0.005 0.030						220.104 617 70 220.104 747 84	-26.255 701 16 -26.255 679 72	7.18 7.18	-15.78 -15.78	-3.21 -3.21	2.00 1.70 1.52 15.41 15.46 1.52	1.84 1.24 1.84 1.24					A 80	0.43		
14405+4633	1	F CA	A 71740 B 71740	8.905 10.513	0.005 0.021	9.320 0.014 10.302 0.060	8.734 0.013 9.785 0.069				220.126 671 19 220.125 907 12	+46.542 546 22 +46.542 382 39	9.06 9.06	20.04 20.04	-34.11 -34.11	1.19 1.13 1.36 5.74 6.98 1.36	1.40 1.18 1.40 1.18					A 252.7	1.98		
14407+1625	1	L CA	A 71762 B 71762	4.851 5.911	0.003 0.007	4.747 0.009 6.030 0.005	4.844 0.011 5.789 0.004				220.181 504 04 220.183 015 29	+16.418 301 30 +16.417 779 69	10.28 10.28	9.64 3.47	9.46 8.92	0.74 0.77 0.91 2.28 2.86 0.91	0.77 0.80 1.35 1.69					A 109.79	5.546	+0.03	-0.006
14407+3117	1	F CA	A 71764 B 71764	8.381 8.987	0.005 0.009						220.184 360 03 220.184 359 66	+31.290 022 96 +31.290 249 29	6.77 6.77	-50.67 -50.67	-57.43 -57.43	1.43 1.88 2.15 3.48 3.53 2.15	1.90 2.01 1.90 2.01					A 359.9	0.815		
14408-6657	1	F CA	A 71768 B 71768	7.915 8.647	0.005 0.009	8.271 0.019	7.749 0.020				220.204 141 95 220.205 456 92	-66.946 117 46 -66.945 800 89	8.73 8.73	-37.97 -37.97	-35.83 -35.83	0.86 1.09 1.41 2.12 3.15 1.41	0.94 1.37 0.94 1.37					A 58.4	2.176		
14411+1344	1	L CA	A 71795 B 71795	4.523 4.577	0.004 0.004						220.287 168 19 220.286 950 16	+13.728 331 13 +13.728 467 14	18.07 18.07	52.36 60.72	-12.71 -23.97	1.19 1.02 1.24 1.91 1.89 1.24	1.21 0.97 1.35 1.26					A 302.7	0.906	-0.3	-0.013
14411+5758	1	L CA	A 71782 B 71782	7.589 8.462	0.004 0.009	8.524 0.016 9.127 0.019	7.491 0.012 8.311 0.016				220.252 916 84 220.255 847 49	+57.958 195 14 +57.959 611 11	18.88 18.88	138.55 144.11	-162.32 -167.02	0.91 1.07 0.91 2.88 2.69 0.91	0.77 0.97 1.56 1.83					A 47.67	7.571	+0.05	+0.001
14411-2237	1	F CA	A 71792 B 71792	7.576 9.021	0.004 0.016						220.278 073 32 220.278 074 97	-22.618 539 75 -22.618 647 83	5.52 5.52	-35.02 -35.02	-12.26 -12.26	1.38 1.17 1.25 5.16 3.86 1.25	1.32 1.03 1.32 1.03					A 179	0.389		
14411-5334	1	F CA	A 71793 B 71793	9.845 10.302	0.008 0.012	9.948 0.032 10.264 0.040	9.390 0.026 9.621 0.046				220.279 250 95 220.278 437 37	-53.572 366 15 -53.572 128 78	5.71 5.71	0.08 0.08	26.70 26.70	2.37 1.49 2.69 5.75 4.16 2.69	2.27 2.36 2.27 2.36					A 296.2	1.94		
14413+5239	1	F CA	A 71810 B 71810	8.731 10.862	0.004 0.027						220.336 001 57 220.335 196 66	+52.647 057 06 +52.646 747 64	10.63 10.63	26.98 26.98	-10.63 -10.63	0.97 0.96 1.06 7.82 6.94 1.06	0.90 0.95 0.90 0.95					A 237.6	2.08		
14414+6210	1	F ND	D A 71811 D 71811	9.216 13.254	0.009 0.362						220.338 897 16 220.338 650 97	+62.167 027 08 +62.167 088 12	5.14 5.14	-15.70 -15.70	13.01 13.01	1.20 1.14 1.12 83.87 77.78 1.12	1.13 1.07 1.13 1.07					A 298	0.47		



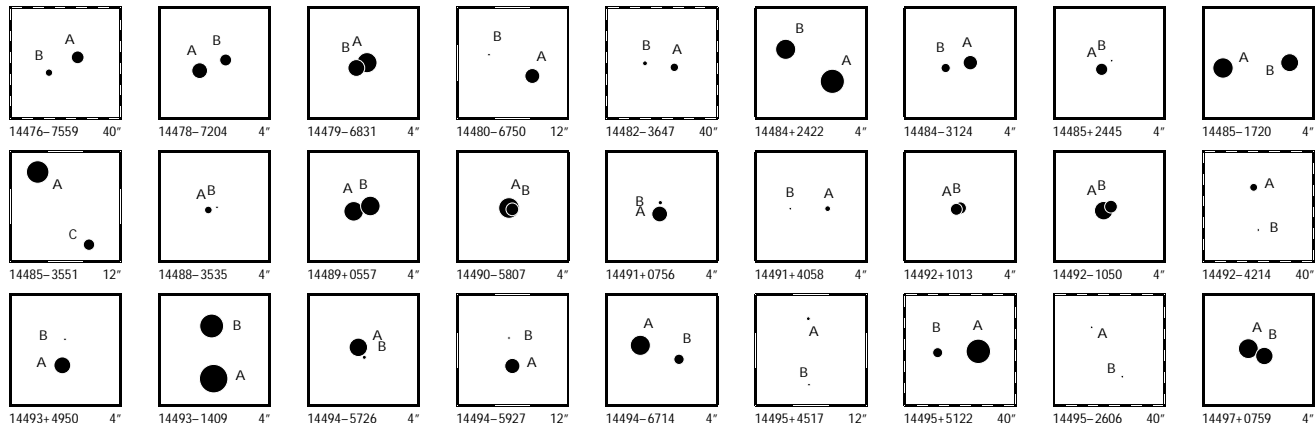
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _I	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14414-3357	1	FCA	A 71815 B 71815	8.727 0008 11.007 0062		9.860 0026		8.658 0016				220.350 473 75 -33.950 331 05	220.350 532 62 -33.949 723 06	4.46 4.46	-33.80 -33.80	-22.76 -22.76	1.65 1.14 1.70 16.45 8.70 1.70	1.81 1.54 1.81 1.54	A	4.6	2.20					
14416+4423	1	FCA	A 71825 B 71825	8.378 0005 11.817 0120		9.006 0012		8.312 0010				220.388 546 26 +44.378 101 06	220.388 942 02 +44.379 980 12	11.05 11.05	-31.28 -31.28	-51.06 -51.06	0.94 0.90 1.10 28.94 26.63 1.10	1.06 0.93 1.06 0.93	A	8.6	6.84					
14416+5124	1	FCA	A 71828 B 71828	8.061 0004 8.164 0005		8.352 0013 8.425 0013		7.915 0011 8.018 0012				220.398 314 33 +51.397 508 93	220.397 651 27 +51.397 832 50	8.21 8.21	-14.58 -14.58	-32.51 -32.51	1.58 1.44 1.63 2.53 2.31 1.63	1.63 1.68 1.63 1.68	A	308.0	1.891					
14417+0932	1	FNB	A 71840 B 71840	8.636 0005 8.656 0005								220.436 152 56 +9.527 653 09	220.436 062 83 +9.527 451 11	-0.89 -0.89	-48.78 -48.78	25.73 25.73	2.94 2.71 3.10 2.84 2.47 3.10	2.76 2.44 2.76 2.44	B	203.7	0.794					
14417-4227	1	FCB	A 71833 B 71833	8.622 0017 11.578 0261		8.953 0016		8.515 0016				220.418 127 72 -42.454 970 26	220.418 582 85 -42.455 236 85	6.64 6.64	47.48 47.48	-31.33 -31.33	2.29 1.94 2.73 41.53 34.30 2.73	2.11 2.40 2.11 2.40	A	128	1.54					
14417-4415	1	FCA	A 71835 B 71835	9.269 0008 9.559 0011								220.423 054 17 -44.241 833 73	220.423 162 36 -44.241 950 20	5.75 5.75	-8.74 -8.74	-5.37 -5.37	4.41 3.88 3.90 10.04 5.73 3.90	4.24 4.53 4.24 4.53	A	146	0.504					
14419+2107	1	LCA	A 71857 B 71857	6.698 0051 8.861 0377								220.475 997 79 +21.123 688 43	220.476 042 80 +21.123 687 55	6.86 6.86	-10.34 -16.57	-51.40 -92.37	4.08 5.21 0.75 26.41 37.21 0.75	1.75 3.55 11.85 23.62	A	91	0.15 +16	-0.01				
14419-3056	1	FCA	A 71853 B 71853	6.750 0004 7.653 0009								220.463 532 19 -30.933 119 72	220.463 458 04 -30.932 850 26	3.02 3.02	-14.89 -14.89	-15.03 -15.03	1.03 0.89 1.20 3.11 2.18 1.20	1.09 0.93 1.09 0.93	A	346.7	0.997					
14419-6905	1	FCA	A 71856 B 71856	9.285 0009 10.909 0031		9.408 0017 10.883 0059		9.224 0020 10.422 0063				220.476 351 33 -69.089 070 55	220.477 808 22 -69.087 903 53	3.55 3.55	-5.98 -5.98	-7.29 -7.29	1.35 1.49 1.85 7.54 9.75 1.85	1.53 1.64 1.53 1.64	A	24.0	4.60					
14420+1753	1	FFD	A 71867 B 71867	8.766 0043 10.517 0217		9.160 0015		8.533 0013				220.490 958 89 +17.885 424 51	220.490 325 88 +17.884 497 65	25.17 25.17	29.64 29.64	-134.33 -134.33	7.42 6.58 9.08 83.73 38.84 9.08	8.63 7.65 8.63 7.65	A	213	3.98					
14420+8518	1	FCA	A 71866 B 71866	9.057 0024 11.734 0276								220.490 157 87 +85.294 984 75	220.489 229 54 +85.295 007 11	3.18 3.18	6.66 6.66	16.67 16.67	4.86 2.52 1.09 27.58 22.32 1.09	1.03 1.36 1.03 1.36	A	286	0.29					
14421+6116	1	FCA	A 71876 B 71876	6.369 0003 9.536 0054		6.725 0004 10.174 0063		6.312 0004 9.163 0043				220.513 154 91 +61.261 987 51	220.511 502 92 +61.262 832 77	23.47 23.47	75.99 75.99	-29.54 -29.54	0.56 0.56 0.57 9.41 8.97 0.57	0.52 0.53 0.52 0.53	A	316.8	4.18					
14422+4907	1	IND	A 71882 B 71878	8.869 0007 10.258 0019		10.005 0021 10.665 0042		8.776 0013 10.094 0040				220.540 431 89 +49.124 286 44	220.529 578 04 +49.126 740 34	2.73 -0.53	-1.75 -6.67	5.15 14.13	1.58 1.64 1.54 6.11 6.63 4.14	1.66 1.68 4.45 4.31	A	289.06	27.05 +0.01	+0.01	+0.01			
14425+1929	1	LCA	A 71914 B 71914	9.773 0030 10.050 0038								220.640 856 99 +19.480 156 22	220.640 767 14 +19.480 133 38	44.54 44.54	-253.82 -260.39	-153.53 -204.78	5.20 6.12 2.57 8.06 11.32 2.57	2.88 4.54 4.45 7.54	A	255	0.316 -9	+0.020				
14427-0558	1	IND	A 71926 B 71928	8.520 0020 9.758 0047		10.494 0087		9.566 0062				220.666 685 68 -5.964 470 27	220.672 119 16 -5.969 218 10	13.99 9.05	-56.89 -64.79	16.96 17.34	3.92 2.88 3.06 19.51 14.00 9.83	3.85 3.81 12.64 11.24	A	131.30	25.90 +0.01	-0.01				
14427-5428	1	FCA	A 71927 S 71927	9.655 0067 9.810 0078								220.671 187 35 -54.471 948 87	220.671 235 10 -54.471 898 76	1.26 1.26	2.71 2.71	-22.96 -22.96	5.36 6.76 1.65 4.25 5.89 1.65	1.39 1.36 1.39 1.36	A	29	0.206					
14428-5511	1	FCA	A 71937 B 71937	8.492 0005 8.756 0007		8.898 0016 9.105 0020		8.402 0016 8.635 0020				220.693 765 43 -55.181 804 65	220.692 793 30 -55.183 280 98	5.54 5.54	5.77 5.77	-11.30 -11.30	1.87 1.25 2.13 3.43 2.06 2.13	1.82 1.99 1.82 1.99	A	200.60	5.678					
14429+0805	1	FCA	A 71946 B 71946	7.512 0005 10.377 0067		7.850 0009 10.432 0061		7.457 0009 9.978 0068				220.729 576 20 +8.076 167 33	220.728 585 74 +8.075 310 48	5.33 5.33	-3.77 -3.77	6.37 6.37	1.03 0.90 1.18 18.11 13.96 1.18	1.10 1.06 1.10 1.06	A	228.9	4.69					
14430+6410	1	FCA	A 71956 B 71956	9.116 0006 11.832 0066								220.756 226 24 +64.173 337 94	220.755 906 37 +64.173 258 05	2.67 2.67	-18.26 -18.26	9.42 9.42	1.33 1.19 1.14 17.80 17.41 1.14	1.24 1.21 1.24 1.21	A	240	0.58					
14433-3732	1	FCA	A 71977 B 71977	9.443 0009 9.973 0015		9.765 0026 10.106 0045		9.223 0022 9.570 0044				220.819 232 10 -37.540 261 22	220.818 295 36 -37.540 305 58	5.75 5.75	2.40 2.40	-5.96 -5.96	2.84 2.11 2.72 8.95 4.20 2.72	1.91 2.04 1.91 2.04	A	266.6	2.68					
14434-5451	1	FCB	A 71994 B 71994	7.726 0058 10.006 0076								220.854 721 29 -54.851 626 46	220.854 721 73 -54.851 579 29	5.92 5.92	16.41 16.41	-6.49 -6.49	3.23 5.48 0.86 26.09 31.39 0.86	0.73 0.76 0.73 0.76	A	0	0.17					
14434-6647	1	FND	A 71990 B 71990	8.915 0007 12.727 0212		8.963 0009		8.862 0012				220.846 032 43 -66.778 590 94	220.849 024 66 -66.779 003 94	1.06 1.06	-9.69 -9.69	-7.06 -7.06	1.02 1.33 1.64 52.72 69.38 1.64	1.08 1.47 1.08 1.47	A	109	4.50					
14435-6258	1	FCA	A 72000 B 72000	6.631 0012 8.029 0044								220.867 243 79 -62.966 661 99	220.867 389 06 -62.966 650 43	2.68 2.68	-4.43 -4.43	-4.78 -4.78	1.60 1.94 0.93 4.89 7.71 0.93	0.66 0.76 0.66 0.76	A	80	0.241					
14435-6321	1	FCA	A 72001 B 72001	9.462 0023 12.179 0283								220.868 282 77 -63.358 104 09	220.868 133 83 -63.358 028 44	3.26 3.26	-7.39 -7.39	-3.31 -3.31	3.58 4.50 2.17 30.69 43.66 2.17	1.47 2.00 1.47 2.00	A	319	0.36					
14436+3745	1	FFC	B 72007 A 72007	10.211 0017 10.347 0019		10.533 0032 10.718 0040		10.055 0033 10.133 0038				220.910 371 46 +37.749 693 56	220.911 221 32 +37.749 152 99	6.80 6.80	-26.69 -26.69	51.22 51.22	4.16 4.41 5.92 7.67 9.00 5.92	4.67 4.59 4.67 4.59	B	128.8	3.10					
14438-5125	1	FCA	A 72013 B 72013	9.671 0009 11.129 0035		10.383 0034 11.675 0128		9.572 0027 10.914 0111				220.941 012 74 -51.411 794 28	220.943 211 99 -51.412 215 34	14.76 14.76	-104.76 -104.76	-26.95 -26.95	1.93 1.76 2.30 10.09 9.99 2.30	2.36 2.21 2.36 2.21	A	107.1	5.17					
14441+6106	1	FCA	A 72029 B 72028	6.966 0004 9.566 0035		7.350 0006 9.830 0034		6.917 0006 9.233 0031				221.014 605 04 +61.098 353 47	221.014 528 15 +61.101 567 14	11.19 8.24	41.14 40.10	-32.38 -39.05	0.99 0.97 0.82 11.65 11.62 4.49	0.91 0.95 7.50 7.89	A	359.34	11.57 -0.01	-0.01	-0.01			



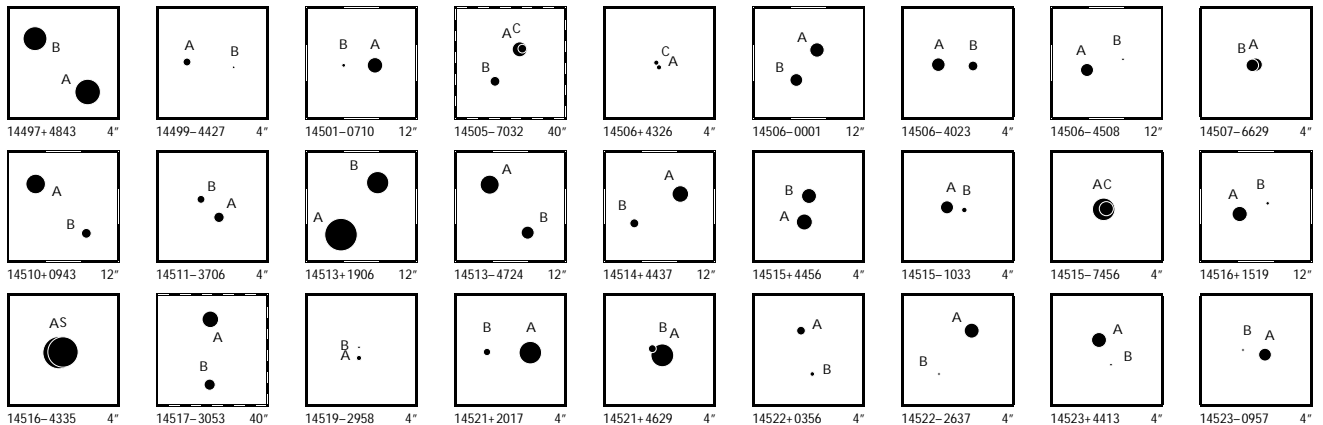
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt					
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
14443+5420	1	F CA	A 72050 B 72050	9.256 0.006 11.735 0.059	10.095 0.026	9.134 0.018			221.065 953 82 +54.325 413 11 221.065 913 78 +54.325 116 76	3.19 3.19	3.71 3.71	25.50 25.50	1.14 1.21 1.25 1.27 1.21 14.78 14.83 1.25 1.27 1.21	A 185	1.07													
14444-2554	1	F CA	A 72058 B 72058	9.287 0.011 11.876 0.117					221.088 125 23 -25.894 735 21 221.088 091 48 -25.894 827 64	14.58 14.58	-176.41 -176.41	-99.08 -99.08	2.31 2.02 1.79 1.96 1.35 27.45 20.19 1.79 1.96 1.35	A 198	0.35													
14445-5111	1	F CA	A 72072 B 72072	8.208 0.006 10.448 0.047	8.433 0.010	8.098 0.011			221.130 749 18 -51.190 685 63 221.130 557 51 -51.191 089 53	6.33 6.33	4.89 4.89	2.62 2.62	1.03 1.03 1.32 1.11 1.19 9.81 10.45 1.32 1.11 1.19	A 196.6	1.52													
14447-0712	1	F CA	A 72079 B 72079	10.277 0.012 11.435 0.032					221.170 809 96 -7.193 533 20 221.170 814 52 -7.193 711 68	9.02 9.02	2.18 2.18	-11.42 -11.42	4.08 3.18 3.61 4.53 4.04 12.21 9.40 3.61 4.53 4.04	A 179	0.64													
14447-2029	1	F CA	A 72080 B 72080	10.115 0.091 10.201 0.098					221.179 230 40 -20.482 047 11 221.179 243 89 -20.482 103 77	5.17 5.17	-30.52 -30.52	-4.28 -4.28	7.37 8.11 1.54 1.61 1.35 8.50 10.31 1.54 1.61 1.35	A 167	0.21													
14448+0742	1	F CA	A 72087 B 72087	8.058 0.006 8.496 0.008	9.030 0.020	7.952 0.014			221.200 567 05 +7.701 134 71 221.202 467 84 +7.701 046 45	3.30 3.30	-13.65 -13.65	-8.95 -8.95	1.94 1.61 2.08 1.77 1.65 5.20 4.61 2.08 1.77 1.65	A 92.68	6.79													
14449+2704	1	F CA	A 72105 B 72105	2.652 0.002 4.846 0.015	3.955 0.005	2.622 0.003			221.246 878 69 +27.074 173 83 221.246 586 99 +27.074 926 81	15.55 15.55	-50.65 -50.65	20.00 20.00	0.58 0.52 0.78 0.68 0.62 4.28 3.65 0.78 0.68 0.62	A 341.0	2.867													
14450-2803	1	F CA	A 72102 B 72102	8.683 0.005 11.922 0.098					221.244 519 31 -28.047 883 56 221.244 479 58 -28.048 056 29	6.57 6.57	-33.00 -33.00	26.75 26.75	1.86 1.17 1.61 2.28 1.29 37.80 19.60 1.61 2.28 1.29	A 191	0.63													
14453+2009	1	F CA	A 72137 B 72137	8.770 0.005 12.102 0.092	9.111 0.013	8.697 0.014			221.334 331 88 +20.156 181 90 221.334 123 81 +20.154 895 90	5.80 5.80	-48.26 -48.26	20.70 20.70	0.96 1.00 1.24 0.96 1.02 21.36 24.95 1.24 0.96 1.02	A 188.6	4.68													
14455+4223	1	L CA	A 72153 B 72153	8.149 0.007 8.194 0.007					221.373 925 62 +42.382 341 27 221.374 042 59 +42.382 282 45	11.81 11.81	-70.88 -55.75	53.01 58.46	1.45 1.63 1.26 1.23 1.62 1.99 2.49 1.26 1.52 2.22	A 124.2	0.376	-2.0	+0.009											
14456+1229	1	F CA	A 72163 B 72163	10.092 0.008 11.986 0.041					221.403 114 97 +12.483 817 87 221.403 226 24 +12.483 927 83	4.16 4.16	-26.02 -26.02	11.51 11.51	2.79 2.14 2.40 2.81 2.34 14.72 15.57 2.40 2.81 2.34	A 45	0.56													
14456-4002	1	F CA	A 72164 B 72164	9.038 0.010 11.606 0.105	9.351 0.021	8.963 0.022			221.406 409 33 -40.030 338 94 221.406 493 99 -40.027 958 43	4.59 4.59	-17.64 -17.64	-16.01 -16.01	1.77 1.64 2.07 1.89 1.69 26.33 26.29 2.07 1.89 1.69	A 1.6	8.57													
14458+0345	1	F CA	A 72179 B 72179	10.912 0.014 11.956 0.036	11.513 0.091	10.808 0.078			221.453 847 16 +3.750 805 75 221.452 769 32 +3.750 891 13	4.10 4.10	-0.90 -0.90	-15.89 -15.89	4.44 2.71 4.23 4.16 3.34 14.33 9.05 4.23 4.16 3.34	A 274.5	3.88													
14460+4723	1	F CA	A 72191 B 72191	11.305 0.034 11.734 0.050					221.489 595 03 +47.381 343 99 221.489 465 97 +47.381 423 61	15.58 15.58	-126.98 -126.98	43.40 43.40	5.27 4.81 4.38 4.63 3.76 10.45 9.71 4.38 4.63 3.76	A 312	0.43													
14460-2527	1	F CA	A 72197 B 72197	5.179 0.003 7.248 0.019	5.456 0.009	5.111 0.012			221.500 740 84 -25.442 915 57 221.502 868 37 -25.444 202 59	32.86 32.86	-151.50 -151.50	-109.07 -109.07	0.96 0.68 0.92 1.17 0.75 7.55 4.38 0.92 1.17 0.75	A 123.82	8.32													
14462+0938	1	L CA	A 72221 B 72221	7.848 0.004 8.523 0.008	8.253 0.037	7.542 0.035			221.564 739 70 +9.647 388 86 221.565 215 40 +9.647 406 65	23.15 23.15	73.74 78.98	-264.01 -257.22	1.48 1.31 1.84 1.14 1.18 3.45 3.38 1.84 2.04 2.17	A 87.8	1.690	-0.2	+0.005											
14462-2111	1	L CA	A 72217 B 72217	7.303 0.026 7.303 0.026					221.545 469 76 -21.175 683 38 221.545 493 62 -21.175 745 85	23.64 23.64	-34.86 -77.19	-112.16 -95.09	4.87 3.78 1.07 3.06 1.42 3.92 3.48 1.07 2.83 1.40	B 160	0.239	+8	-0.030											
14463+3146	1	L CA	A 72222 B 72222	9.443 0.183 9.998 0.305					221.565 734 57 +31.762 498 89 221.565 781 60 +31.762 482 11	1.63 1.63	-16.09 -39.80	14.43 -21.27	12.46 9.57 1.20 3.38 4.35 21.44 14.96 1.20 5.67 7.75	A 113	0.16	+15	-0.01											
14463-3904	1	I CA	A 72225 B 72231	9.132 0.017 10.119 0.029	9.545 0.027	9.055 0.026			221.573 209 48 -39.071 015 00 221.581 197 05 -39.073 429 34	4.76 -1.92	-73.59 1.10	-38.65 -0.61	3.04 2.34 2.51 3.02 2.36 11.30 8.97 7.82 7.30 6.20	A 111.28	23.96	-0.15	+0.06											
14464-3346	1	F ND	A 72235 B 72235	8.568 0.005 10.754 0.035	9.245 0.016	8.508 0.014			221.593 417 48 -33.766 126 79 221.594 775 70 -33.763 865 77	23.44 23.44	93.62 93.62	-12.46 -12.46	1.59 1.10 1.84 1.73 1.59 14.69 7.95 1.84 1.73 1.59	A 26.5	9.10													
14465-2753	1	F CB	A 72252 B 72252	11.207 0.162 12.063 0.356					221.625 269 60 -27.885 118 63 221.625 275 89 -27.885 064 30	3.91 3.91	5.40 5.40	0.68 0.68	9.47 13.03 2.18 3.00 1.69 20.31 38.12 2.18 3.00 1.69	A 6	0.20													
14465-5611	1	F CA	A 72254 B 72254	9.297 0.260 9.444 0.297					221.633 099 99 -56.184 853 00 221.633 160 36 -56.184 824 67	2.63 2.63	-38.29 -38.29	-36.76 -36.76	14.87 12.93 1.18 1.19 1.05 17.53 14.94 1.18 1.19 1.05	A 50	0.16													
14469-2924	1	F CA	A 72284 B 72284	11.268 0.025 11.667 0.036					221.736 918 32 -29.403 259 50 221.736 971 37 -29.403 161 92	4.29 4.29	23.46 23.46	-3.62 -3.62	5.00 3.70 4.53 6.00 3.82 9.92 6.81 4.53 6.00 3.82	A 25	0.39													
14469-3302	1	F CA	A 72279 B 72279	9.822 0.050 9.906 0.054					221.717 190 27 -33.032 139 70 221.717 125 07 -33.032 185 88	4.70 4.70	-31.43 -31.43	2.49 2.49	6.62 5.36 2.10 2.12 1.74 8.53 6.52 2.10 2.12 1.74	A 230	0.26													
14471+0058	1	F CA	A 72298 B 72298	6.732 0.005 9.234 0.047	6.685 0.009	6.702 0.011			221.772 372 72 +0.970 957 83 221.772 368 41 +0.971 931 29	5.52 5.52	-27.98 -27.98	-29.02 -29.02	1.69 1.06 1.54 2.25 1.38 13.03 10.54 1.54 2.25 1.38	A 359.7	3.50													
14471-2846	1	F CA	A 72294 B 72294	9.849 0.017 10.742 0.036	10.431 0.048	9.809 0.046			221.762 200 43 -28.767 047 48 221.763 142 35 -28.765 954 45	6.11 6.11	-44.43 -44.43	5.64 5.64	3.23 1.99 2.79 3.94 2.47 10.12 8.31 2.79 3.94 2.47	A 37.1	4.93													
14473-5021	1	F CC	A 72313 B 72313	9.904 0.008 13.038 0.131	9.894 0.023	9.826 0.032			221.822 818 73 -50.352 051 00 221.822 144 31 -50.352 382 54	2.75 2.75	-5.77 -5.77	-0.26 -0.26	1.84 1.54 2.45 2.00 1.80 40.39 45.62 2.45 2.00 1.80	A 232	1.96													



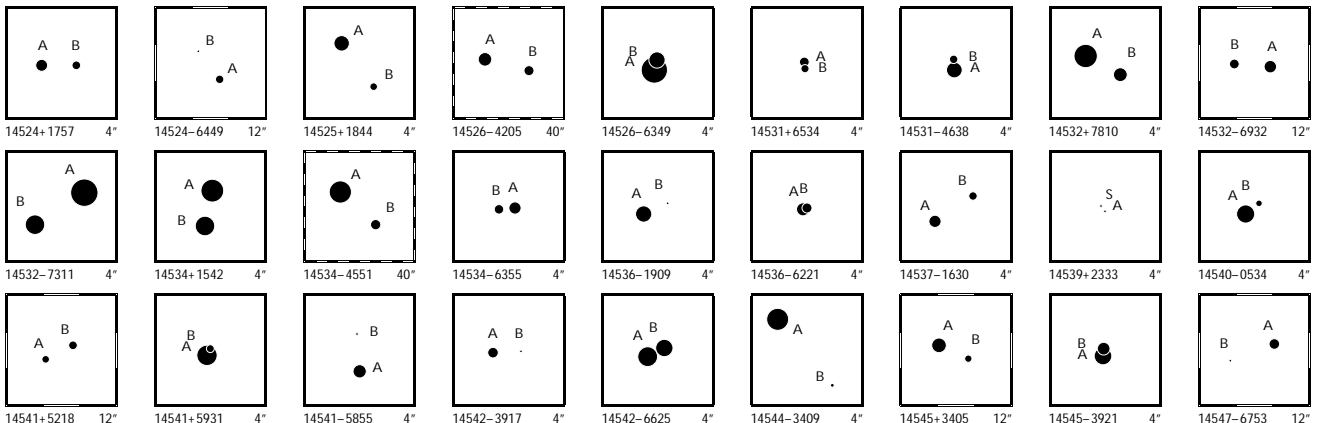
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. mas	Proper Motion			Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
14476-7559	1	I C A	A 72341 B 72344	9.154 0.007 10.359 0.019		9.116 0.013 10.194 0.028	9.113 0.017 10.091 0.040	221.889 541 33 221.901 610 85	-75.982 273 70 -75.983 842 22	0.99 6.35		-6.12 4.27	-9.43 6.27	1.92 2.26 2.15 1.90 2.15 7.72 10.10 7.40 7.03 7.76	A	118.22	11.94	-0.09	0.00								
14478-7204	1	L C A	A 72368 B 72368	8.530 0.006 9.359 0.012				221.954 698 42 221.953 859 61	-72.073 140 05 -72.073 023 90	3.33 3.33		-15.10 -9.19	-17.00 -20.19	1.18 1.37 1.45 1.02 1.25 3.83 3.71 1.45 2.15 2.67	A	294.2	1.019	0.0	-0.007								
14479-6831	1	F C A	P A 72377 B 72377	7.568 0.005 8.291 0.009				221.988 119 13 221.988 397 42	-68.519 617 66 -68.519 670 47	4.44 4.44		-11.96 -11.96	-14.91 -14.91	0.91 1.07 1.09 0.81 1.08 2.01 2.68 1.09 0.81 1.08	A	117.4	0.413										
14480-6750	1	F C A	A 72380 B 72380	8.723 0.006 11.376 0.066		9.352 0.014 8.653 0.012		221.991 902 59 221.995 387 65	-67.838 328 82 -67.837 689 59	17.46 17.46		-102.79 -102.79	-47.56 -47.56	1.04 1.18 1.65 1.07 1.42 16.28 16.91 1.65 1.07 1.42	A	64.1	5.26										
14482-3647	1	I F B	A 72399 B 72400	10.148 0.019 10.939 0.019		11.322 0.114 10.038 0.059		222.040 702 43 222.044 454 29	-36.783 902 47 -36.783 469 21	29.64 32.58		-164.17 -139.85	5.71 -18.20	7.76 7.16 6.25 6.90 7.20 11.98 10.12 9.48 11.57 11.19	A	81.8	10.93	+0.1	+0.02								
14484+2422	1	F C A	A 72412 B 72412	6.632 0.003 7.586 0.007		7.078 0.010 7.925 0.010	6.510 0.008 7.347 0.012	222.097 538 68 222.098 063 99	+24.366 736 85 +24.367 069 98	12.36 12.36		-101.06 -101.06	57.29 57.29	0.96 0.72 1.13 1.34 0.96 2.77 2.02 1.13 1.34 0.96	A	55.2	2.099										
14484-3124	1	F C A	A 72411 B 72411	8.804 0.005 9.972 0.014				222.090 894 29 222.091 190 30	-31.402 143 10 -31.402 196 14	8.00 8.00		-21.89 -21.89	-34.66 -34.66	2.19 1.25 2.49 2.29 2.17 6.25 4.63 2.49 2.29 2.17	A	101.9	0.93										
14485+2445	1	F C A	A 72426 B 72426	9.274 0.009 11.441 0.062				222.134 218 34 222.134 102 13	+24.751 034 41 +24.751 110 68	-0.46 -0.46		14.81 14.81	1.08 1.08	2.20 1.61 2.42 2.82 2.12 19.98 12.90 2.42 2.82 2.12	A	306	0.47										
14485-1720	1	L C A	A 72423 B 72423	7.526 0.005 8.021 0.007		8.071 0.034 7.377 0.046		222.132 101 23 222.131 382 44	-17.340 106 98 -17.340 054 62	19.56 19.56		25.71 38.88	-61.24 -48.27	1.86 1.31 1.50 2.14 1.34 4.56 2.99 1.50 3.51 2.39	A	274.4	2.477	+0.3	-0.012								
14485-3551	1	F C A	A 72427 B 72427 C 72427	6.991 0.004 9.496 0.041		8.187 0.015 9.852 0.050	6.929 0.007 9.370 0.053	222.136 176 84 222.134 256 27	-35.841 498 41 -35.843 731 72	7.08 7.08		26.25 26.25	-1.93 -1.93	1.11 1.09 1.43 1.18 1.13 13.18 14.21 1.43 1.18 1.13	A	214.9	9.80										
14488-3535	1	F C A	A 72445 B 72445	10.309 0.105 11.781 0.406				222.209 650 20 222.209 548 88	-35.576 676 75 -35.576 644 70	18.37 18.37		-86.18 -86.18	-90.00 -90.00	9.93 5.42 4.02 3.03 3.30 48.11 27.77 4.02 3.03 3.30	A	291	0.32										
14489+0557	1	L C A	A 72447 B 72447	7.658 0.007 7.675 0.007				222.221 865 46 222.221 691 42	+5.954 616 19 +5.954 666 58	17.23 17.23		10.91 -12.94	-87.35 -85.91	2.10 1.49 1.78 1.96 1.47 3.33 2.34 1.78 2.37 2.01	A	286.2	0.649	-0.5	+0.023								
14490-5807	1	F C B	A 72455 B 72455	7.441 0.141 9.162 0.686				222.244 619 96 222.244 565 51	-58.119 357 65 -58.119 372 00	12.79 12.79		-2.38 -2.38	12.69 12.69	8.57 3.90 0.93 0.93 0.92 24.91 19.91 0.93 0.93 0.92	A	243	0.12										
14491+0756	1	F C A	A 72464 B 72464	8.549 0.008 11.031 0.080				222.272 188 12 222.272 185 24	+7.941 131 29 +7.941 249 23	3.58 3.58		-43.54 -43.54	8.05 8.05	1.88 2.24 2.29 1.70 2.12 21.17 18.72 2.29 1.70 2.12	A	359	0.42										
14491+4058	1	F C B	A 72463 B 72463	10.727 0.014 13.003 0.107		12.045 0.122 10.667 0.057		222.266 547 55 222.267 059 37	+40.960 565 41 +40.960 572 93	19.55 19.55		-253.20 -253.20	118.90 118.90	1.78 1.96 2.31 1.78 2.21 31.82 26.15 2.31 1.78 2.21	A	89	1.39										
14492+1013	1	F C A	B 72479 A 72479	9.272 0.347 9.362 0.377				222.307 076 96 222.307 118 68	+10.214 918 47 +10.214 905 52	24.21 24.21		-139.17 -139.17	-184.91 -184.91	28.31 9.48 1.29 1.01 1.00 21.32 9.31 1.29 1.01 1.00	B	108	0.15										
14492-1050	1	F C A	A 72478 B 72478	7.917 0.019 9.208 0.061				222.295 327 86 222.295 246 53	-10.827 222 21 -10.827 181 35	7.42 7.42		37.97 37.97	-3.53 -3.53	3.44 1.96 1.44 1.60 1.37 11.84 6.22 1.44 1.60 1.37	A	297	0.32										
14492-4214	1	F N D	D A 72477 B 72476	10.251 0.042 12.789 0.401		10.790 0.056 10.228 0.052		222.290 286 10 222.289 565 56	-42.238 944 91 -42.243 354 64	6.19 6.19		-39.94 -39.94	-57.41 -57.41	5.30 3.85 4.73 4.12 4.51 127.18 102.37 4.73 4.12 4.51	A	186.9	15.99										
14493+4950	1	F C B	A 72486 B 72486	8.283 0.005 11.730 0.115				222.325 270 95 222.325 224 39	+49.837 701 97 +49.837 974 13	18.33 18.33		39.55 39.55	25.65 25.65	1.03 1.05 1.14 1.12 0.98 41.54 35.84 1.14 1.12 0.98	A	354	0.99										
14493-1409	1	F C A	A 72489 B 72489	5.689 0.003 6.721 0.006		5.644 0.017 5.599 0.018		222.329 545 67 222.329 564 20	-14.148 985 87 -14.148 451 78	13.86 13.86		-65.89 -65.89	-14.79 -14.79	1.19 0.86 1.30 1.46 1.01 3.50 1.63 1.30 1.46 1.01	A	1.9	1.924										
14494-5726	1	F C B	A 72492 B 72492	7.943 0.007 11.113 0.119				222.348 337 13 222.348 225 75	-57.437 977 53 -57.438 083 27	4.13 4.13		-10.37 -10.37	-47.76 -47.76	1.32 1.41 1.35 1.05 1.24 27.22 22.90 1.35 1.05 1.24	A	210	0.44										
14494-5927	1	F C A	A 72497 B 72497	8.611 0.005 11.401 0.061		9.932 0.019 8.579 0.011		222.355 898 30 222.356 104 93	-59.446 515 68 -59.445 666 94	3.59 3.59		-9.84 -9.84	-10.08 -10.08	1.26 0.87 1.53 1.40 1.30 17.04 11.44 1.53 1.40 1.30	A	7.1	3.08										
14494-6714	1	L C A	A 72493 B 72493	7.539 0.004 9.721 0.031		8.354 0.008 7.410 0.006		222.349 497 76 222.348 477 50	-67.235 190 60 -67.235 343 22	41.69 41.69		-107.28 -132.54	-320.91 -335.53	0.79 1.01 1.24 0.70 0.95 9.64 11.65 1.24 6.55 7.83	A	248.9	1.52	-0.2	+0.03								
14495+4517	1	F F D	D A 72504 B 72504	11.137 0.129 12.449 0.431		11.971 0.130 11.005 0.090		222.367 779 71 222.367 759 87	+45.280 592 64 +45.278 555 69	13.18 13.18		-162.65 -162.65	-0.03 -0.03	12.44 11.02 13.56 12.89 14.06 45.59 53.19 13.56 12.89 14.06	A	180.4	7.33										
14495+5122	1	F C A	A 72508 B 72508	6.581 0.005 9.790 0.091		6.948 0.004 10.708 0.050	6.524 0.004 9.639 0.031	222.384 864 34 222.391 647 68	+51.374 497 76 +51.374 397 54	19.41 19.41		15.19 15.19	2.19 2.19	0.62 0.58 0.67 0.55 0.54 18.34 19.37 0.67 0.55 0.54	A	91.4	15.25										
14495-2606	1	I N C	G A 72511 B 72509	11.810 0.260 12.314 0.369				222.389 638 76 222.386 188 49	-26.106 033 70 -26.111 177 61	235.24 221.80		-1389.70 -1421.60	135.76 -203.60	26.05 18.06 22.43 28.92 20.39 158.74 114.52 69.07 82.33 61.18	A	211.1	21.62	-0.4	+0.31								
14497+0759	1	F C A	A 72527 B 72527	7.628 0.004 8.166 0.006				222.425 765 75 222.425 599 16	+7.986 762 00 +7.986 690 20	5.42 5.42		-24.54 -24.54	-4.06 -4.06	1.77 1.34 1.88 1.65 1.43 3.15 2.86 1.88 1.65 1.43	A	246.5	0.648										



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14497+4843	1	LCA	A 72524 B 72524	6.362 0.004 6.722 0.005	6.826 0.008 7.137 0.008	6.283 0.006 6.641 0.006		222.422 339 56 222.423 171 03	+48.720 562 84 +48.721 104 98	14.22 14.22	-76.93 -79.33	99.13 94.51	0.91 0.85 0.87 1.90 1.97 0.87	0.95 0.78 1.18 1.10				A	45.34	2.776	+0.03	-0.005					
14499-4427	1	FCA	A 72541 B 72541	10.256 0.011 12.016 0.053	10.655 0.041	10.097 0.040		222.463 078 46 222.462 414 25	-44.448 490 12 -44.448 547 43	2.37 2.37	-21.85 -21.85	-27.81 -27.81	2.44 2.24 3.38 16.55 15.44 3.38	2.92 2.92 2.92 2.92				A	263	1.72							
14501-0710	1	FCA	A 72557 B 72557	8.564 0.006 11.170 0.066	9.094 0.018	8.517 0.016		222.515 679 63 222.516 648 46	-7.164 559 38 -7.164 557 59	6.36 6.36	-24.08 -24.08	-33.06 -33.06	1.44 1.20 1.48 14.15 12.75 1.48	1.64 1.42 1.64 1.42				A	89.9	3.46							
14505-7032	1	FNB	G A 72585 B 72589 C 72585	8.714 0.017 9.821 0.046 10.105 0.045	10.228 0.027	9.557 0.024		222.629 077 83 222.636 863 31 222.628 484 03	-70.535 121 82 -70.538 344 35 -70.535 023 89	8.34 8.34 8.34	-76.54 -76.54 -76.54	-12.86 -12.86 -12.86	1.54 1.79 2.11 7.38 8.20 2.11 7.72 9.33 2.11	1.51 1.85 1.51 1.85 1.51 1.85				A	141.17	14.89							
14506+4326	1	FCA	A 72598 B 72598	10.855 0.111 10.874 0.113				222.654 552 27 222.654 593 10	+43.438 379 59 +43.438 429 69	3.57 3.57	-15.38 -15.38	0.14 0.14	8.53 8.39 1.68 11.51 11.67 1.68	1.71 1.56 1.71 1.56				A	31	0.21							
14506-0001	1	LCA	A 72590 B 72590	8.839 0.009 9.173 0.012	9.231 0.031 9.564 0.047	8.819 0.032 9.062 0.047		222.638 024 49 222.638 611 92	-0.024 245 11 -0.025 170 34	9.07 9.07	-18.68 -20.93	58.05 47.56	3.26 2.56 2.81 5.71 4.55 2.81	3.68 2.43 4.60 3.49				A	145.04	4.064	+0.11	+0.007					
14506-4023	1	FCA	A 72591 B 72591	9.021 0.007 9.818 0.014	9.860 0.028	8.714 0.018		222.642 154 67 222.641 683 60	-40.389 953 87 -40.389 973 80	0.59 0.59	-19.00 -19.00	-19.93 -19.93	2.19 2.10 2.20 8.54 5.01 2.20	1.91 1.98 1.91 1.98				A	266.8	1.29							
14506-4508	1	FCA	A 72593 B 72593	9.127 0.006 12.141 0.095	10.100 0.021	9.035 0.014		222.643 894 13 222.642 338 92	-45.139 580 66 -45.139 256 97	3.17 3.17	-17.46 -17.46	-16.77 -16.77	1.53 1.49 2.02 29.04 33.84 2.02	2.00 2.25 2.00 2.25				A	286.4	4.12							
14507-6629	1	FCA	A 72601 B 72601	9.078 0.167 9.224 0.192				222.667 377 09 222.667 469 62	-66.486 157 16 -66.486 170 34	3.69 3.69	-6.78 -6.78	-10.58 -10.58	11.78 7.39 1.09 10.97 9.39 1.09	0.63 0.91 0.63 0.91				A	110	0.14							
14510+0943	1	FCA	A 72634 B 72634	7.653 0.004 9.845 0.026	8.409 0.013 11.032 0.082	7.592 0.007 9.735 0.041		222.760 176 41 222.758 606 11	+9.723 532 10 +9.722 024 47	36.73 36.73	-216.26 -216.26	57.80 57.80	1.18 0.87 1.26 8.69 6.11 1.26	1.20 1.06 1.20 1.06				A	225.8	7.78							
14511-3706	1	LCA	A 72639 B 72639	9.727 0.011 10.266 0.017				222.763 866 96 222.764 103 95	-37.097 044 37 -37.096 864 72	11.75 11.75	-64.37 -57.33	-68.27 -55.57	2.85 2.77 3.09 7.93 5.41 3.09	2.15 2.32 5.17 4.58				A	46.5	0.939	-0.3	+0.014					
14513+1906	1	LCA	A 72659 B 72659	4.806 0.003 7.079 0.024	5.568 0.005 8.313 0.022	4.747 0.004 6.946 0.015		222.847 017 56 222.845 819 54	+19.100 633 29 +19.102 238 38	149.26 149.26	152.81 89.72	-71.28 -147.30	0.70 0.68 0.76 7.65 8.18 0.76	0.64 0.70 0.91 5.08				A	324.81	7.07	-0.77	-0.03					
14513-4724	1	FCA	A 72654 B 72654	7.791 0.005 9.116 0.017	9.315 0.024 10.123 0.037	7.751 0.013 9.017 0.024		222.820 179 16 222.818 440 84	-47.405 897 09 -47.407 345 98	0.55 0.55	-14.31 -14.31	-7.29 -7.29	1.28 1.29 1.71 5.37 5.94 1.71	1.77 1.65 1.77 1.65				A	219.1	6.719							
14514+4437	1	FCA	A 72662 B 72662	8.343 0.005 10.035 0.023	8.782 0.010 10.314 0.037	8.229 0.010 9.757 0.035		222.854 173 18 222.856 168 18	+44.609 469 82 +44.608 567 57	8.82 8.82	-9.41 -9.41	22.87 22.87	1.03 1.01 1.19 6.62 5.33 1.19	1.08 1.12 1.08 1.12				A	122.4	6.06							
14515+4456	1	LCA	A 72666 B 72666	8.480 0.006 8.687 0.007				222.864 791 89 222.864 722 15	+44.928 483 52 +44.928 744 30	17.45 17.45	-18.28 -11.33	-31.74 -42.88	1.49 1.64 1.62 3.18 2.59 1.62	1.38 1.85 2.71 2.68				A	349.3	0.955	+0.3	-0.012					
14515-1033	1	FCA	A 72668 B 72668	9.095 0.008 10.797 0.037				222.867 470 61 222.867 292 45	-10.549 645 84 -10.549 678 86	8.67 8.67	-17.17 -17.17	-23.87 -23.87	2.81 1.71 2.63 13.03 11.78 2.63	3.38 2.44 3.38 2.44				A	259	0.64							
14515-7456	1	FCB	A 72671 B 72671 C 72671	7.019 0.088 8.895 0.495				222.875 759 85 222.875 635 87	-74.933 094 06 -74.933 091 82	3.43 3.43	-10.00 -10.00	-3.98 -3.98	5.65 3.68 0.63 21.74 18.16 0.63	0.57 0.55 0.57 0.55				A	274	0.12							
14516+1519	1	FCA	A 72681 B 72681	8.630 0.008 11.202 0.079	9.579 0.022	8.568 0.016		222.906 579 22 222.905 675 71	+15.317 297 40 +15.317 635 15	21.83 21.83	-236.41 -236.41	93.32 93.32	1.60 1.44 1.83 22.85 21.13 1.83	1.63 1.56 1.63 1.56				A	291.2	3.36							
14516-4335	1	FCA	A 72683 B 72683 S 72683	4.839 0.129 5.272 0.193				222.909 701 25 222.909 649 61	-43.575 295 17 -43.575 291 84	8.00 8.00	-24.79 -24.79	-26.80 -26.80	9.32 5.20 0.78 11.33 7.65 0.78	0.93 0.70 0.93 0.70				A	275	0.14							
14517-3053	1	INB	A 72684 B 72685	8.347 0.018 9.546 0.042	8.788 0.022 10.049 0.030	8.249 0.021 9.425 0.027		222.918 031 98 222.918 112 41	-30.878 106 92 -30.884 774 93	8.26 25.68	-57.73 -68.41	-71.18 -67.84	2.49 1.69 2.13 15.45 9.79 8.87	2.69 2.06 11.69 8.73				A	179.41	24.01	+0.03	0.00					
14519-2958	1	FCA	A 72708 B 72708	10.887 0.019 11.922 0.048				222.988 309 91 222.988 306 59	-29.972 872 29 -29.972 763 97	2.54 2.54	-13.73 -13.73	-6.68 -6.68	3.70 2.97 3.14 13.81 10.42 3.14	3.56 2.63 3.56 2.63				A	358	0.39							
14521+2017	1	FCA	A 72725 B 72725	7.006 0.003 10.396 0.065	7.105 0.005	6.943 0.006		223.030 949 91 223.031 416 43	+20.290 682 82 +20.290 690 50	9.12 9.12	9.60 9.60	-0.09 -0.09	0.75 0.75 0.95 18.78 14.82 0.95	0.76 0.79 0.76 0.79				A	89	1.58							
14521+4629	1	FCA	A 72718 B 72718	6.970 0.004 10.253 0.076				223.013 468 17 223.013 621 29	+46.476 750 15 +46.476 812 54	8.20 8.20	11.12 11.12	-53.71 -53.71	0.91 0.91 0.77 15.29 20.44 0.77	0.76 0.80 0.76 0.80				A	59	0.44							
14522+0356	1	FCA	A 72736 B 72736	10.085 0.023 11.005 0.054	10.482 0.076	9.911 0.070		223.060 391 20 223.060 277 62	+3.938 793 85 +3.938 346 14	3.81 3.81	-4.33 -4.33	-23.31 -23.31	3.96 3.37 3.75 20.19 12.43 3.75	3.14 3.11 3.14 3.11				A	194	1.66							
14522-2637	1	FND	D A 72733 B 72733	8.719 0.006 12.409 0.188	9.768 0.026	8.628 0.016		223.055 993 29 223.056 362 42	-26.622 842 72 -26.623 281 60	2.90 2.90	8.04 8.04	4.46 4.46	2.00 1.31 1.77 72.39 38.65 1.77	4.15 2.04 4.15 2.04				A	143	1.98							
14523+4413	1	FCA	A 72737 B 72737	8.724 0.006 11.633 0.089	10.060 0.020	8.637 0.011		223.062 889 95 223.062 730 18	+44.224 823 75 +44.224 560 84	2.28 2.28	-41.34 -41.34	0.75 0.75	1.18 1.15 1.37 19.07 23.04 1.37	1.16 1.21 1.16 1.21				A	204	1.03							
14523-0957	1	FND	D A 72745 B 72745	9.189 0.018 11.571 0.144				223.080 309 72 223.080 536 72	-9.953 109 61 -9.953 053 43	6.09 6.09	-6.91 -6.91	-10.74 -10.74	2.87 2.11 2.53 31.92 26.44 2.53	2.90 2.28 2.90 2.28				A	76	0.83							

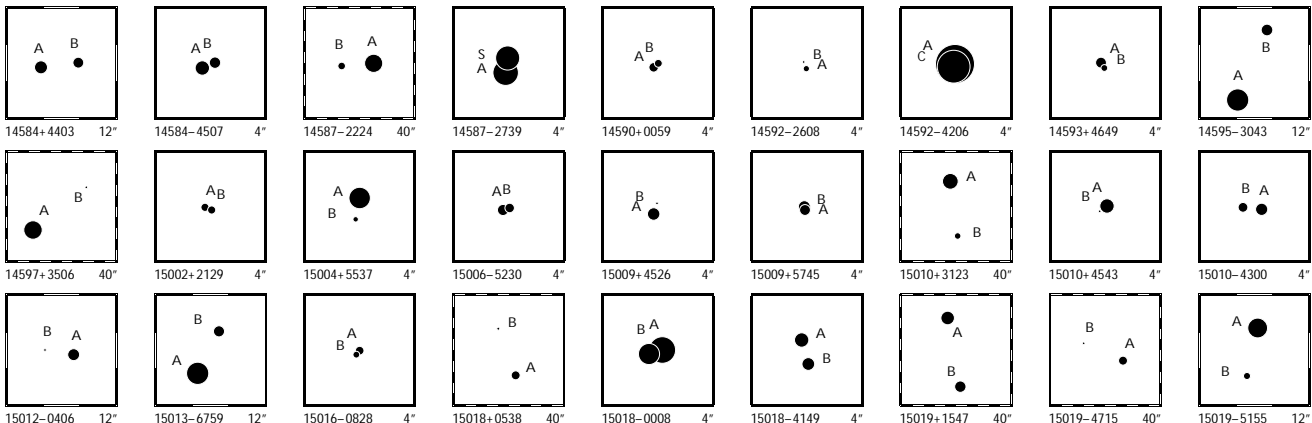


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14524+1757	1	F CA	A 72757 B 72757	9.375 0.008 10.078 0.015	9.727 0.020	9.096 0.017		223.107 650 25 +17.956 493 21 223.107 278 79 +17.956 490 24	9.25 9.25	-31.25 -13.48 -31.25 -13.48	2.62 3.31 3.62 2.83 3.63 9.55 6.43 3.62 2.83 3.63	A 269.5 1.27														
14524-6449	1	F CA	A 72751 B 72751	10.155 0.012 12.642 0.116	10.686 0.033	10.081 0.032		223.092 835 79 -64.810 369 89 223.094 373 41 -64.809 486 34	3.70 3.70	3.99 3.41 3.99 3.41	1.75 1.94 2.42 1.81 2.16 28.26 26.76 2.42 1.81 2.16	A 36.5 3.96														
14525+1844	1	F CA	A 72764 B 72764	8.564 0.004 10.314 0.018	9.093 0.018	8.470 0.016		223.125 217 34 +18.738 744 23 223.124 872 02 +18.738 299 26	19.46 19.46	-26.67 195.43 -26.67 195.43	1.23 1.24 1.56 1.25 1.35 6.38 8.62 1.56 1.25 1.35	A 216.3 1.99														
14526-4205	1	I CA	A 72781 B 72778	9.025 0.030 9.771 0.041	10.214 0.055 10.903 0.062	8.999 0.034 9.556 0.032		223.158 616 64 -42.074 995 38 223.152 473 03 -42.076 185 16	0.85 7.20	3.38 -8.91 -5.65 -19.50	4.39 3.98 4.22 3.46 3.71 13.00 11.72 9.98 8.08 9.33	A 255.38 16.97 -0.03 +0.01														
14526-6349	1	F B P	A 72773 B 72773	6.192 0.018 8.386 0.044				223.146 959 46 -63.809 817 41 223.146 889 18 -63.809 710 29	3.22 3.22	-10.05 -4.11 -10.05 -4.11	1.32 1.67 1.22 0.91 1.09 11.98 7.22 1.22 0.91 1.09	A 344 0.40														
14531+6534	1	F CA	A 72826 B 72826	9.837 0.050 10.183 0.069				223.285 849 09 +65.568 211 66 223.285 824 37 +65.568 146 51	4.79 4.79	0.27 19.01 0.27 19.01	3.12 5.87 1.00 0.98 1.28 5.58 8.16 1.00 0.98 1.28	A 189 0.24														
14531-4638	1	L CA	A 72821 B 72821	8.508 0.006 10.136 0.027				223.270 203 93 -46.636 807 01 223.270 218 17 -46.636 695 33	21.63 21.63	-61.66 -188.38 -84.44 -173.97	1.44 1.57 1.45 1.32 1.61 7.30 6.46 1.45 5.84 5.88	A 5 0.40 -3 +0.01														
14532+7810	1	F CA	A 72819 B 72819	6.836 0.004 8.914 0.028	7.889 0.012	6.714 0.008		223.265 503 33 +78.176 666 18 223.263 791 02 +78.176 475 56	14.19 14.19	-13.03 -2.51 -13.03 -2.51	0.70 0.80 0.76 0.72 0.89 7.28 6.41 0.76 0.72 0.89	A 241.5 1.44														
14532-6932	1	F CA	A 72832 B 72832	9.262 0.007 9.818 0.012	9.371 0.015 9.944 0.024	9.198 0.018 9.636 0.027		223.300 957 27 -69.538 162 19 223.304 106 65 -69.538 088 65	3.20 3.20	-12.81 -12.98 -12.81 -12.98	1.45 1.92 2.12 1.47 1.99 3.25 4.00 2.12 1.47 1.99	A 86.2 3.972														
14532-7311	1	L CA	A 72833 B 72833	5.942 0.002 7.680 0.011	6.920 0.007 7.979 0.010	5.871 0.004 7.460 0.010		223.306 403 36 -73.190 154 57 223.308 147 32 -73.190 483 40	10.19 10.19	18.33 34.31 23.08 20.41	0.55 0.62 0.69 0.47 0.59 2.95 3.66 0.69 2.13 2.37	A 123.1 2.167 +0.2 +0.012														
14534+1542	1	L CA	A 72846 B 72846	6.942 0.007 7.661 0.014	7.223 0.024	6.573 0.023		223.347 342 86 +15.705 110 93 223.347 415 99 +15.704 753 40	20.40 20.40	-23.60 23.11 -16.12 30.27	1.64 1.31 1.43 1.42 1.18 5.06 6.29 1.43 3.87 4.37	A 168.9 1.31 -0.4 -0.01														
14534-4551	1	F FC	A 72843 B 120006	7.085 0.012 9.735 0.124	6.950 0.005 10.498 0.041	7.071 0.006 9.546 0.028		223.342 161 88 -45.855 744 27 223.336 963 55 -45.859 081 56	4.11 4.11	-3.78 -0.77 -3.78 -0.77	1.69 1.65 1.93 1.79 2.19 46.27 52.00 1.93 1.79 2.19	A 227.3 17.73														
14534-6355	1	F CA	A 72851 B 72851	9.322 0.006 9.886 0.010				223.355 413 22 -63.909 283 09 223.355 783 85 -63.909 302 69	2.32 2.32	-9.31 -10.11 -9.31 -10.11	2.34 1.83 2.57 2.57 2.22 3.83 3.66 2.57 2.57 2.22	A 96.9 0.591														
14536-1909	1	F CA	A 72865 B 72865	8.383 0.004 11.923 0.099				223.401 957 14 -19.147 388 21 223.401 704 87 -19.147 287 42	1.51 1.51	5.23 2.33 5.23 2.33	1.14 0.84 1.23 1.24 0.99 23.47 16.33 1.23 1.24 0.99	A 293 0.93														
14536-6221	1	F CA	A 72864 B 72864	9.143 0.124 9.766 0.220				223.398 331 71 -62.356 074 22 223.398 239 14 -62.356 060 33	3.24 3.24	-7.00 -2.28 -7.00 -2.28	9.71 4.79 1.33 1.17 1.11 15.08 7.42 1.33 1.17 1.11	A 288 0.16														
14537-1630	1	F CA	A 72873 B 72873	9.321 0.007 10.139 0.014	9.753 0.033	9.233 0.032		223.423 228 15 -16.512 745 22 223.422 830 28 -16.512 489 30	2.95 2.95	22.21 -32.12 22.21 -32.12	2.43 1.77 2.54 2.91 1.77 7.37 5.24 2.54 2.91 1.77	A 303.9 1.65														
14539+2333	1	F CB	A 72896 S 72896	12.243 0.194 12.660 0.285				223.466 251 47 +23.555 495 91 223.466 291 81 +23.555 548 22	97.83 97.83	-679.64 102.46 -679.64 102.46	19.64 12.26 5.99 7.80 6.35 54.85 35.54 5.99 7.80 6.35	A 35 0.23														
14540-0534	1	F CA	A 72902 B 72902	7.998 0.007 10.535 0.065				223.503 175 06 -5.571 462 82 223.503 036 36 -5.571 353 14	5.84 5.84	24.33 -31.86 24.33 -31.86	1.41 1.42 1.69 1.74 1.66 14.79 9.93 1.69 1.74 1.66	A 308 0.63														
14541+5218	1	F CA	B 72907 A 72907	10.104 0.010 10.316 0.012	10.466 0.034 10.524 0.034	9.935 0.032 10.138 0.038		223.520 224 62 +52.296 162 00 223.521 606 45 +52.295 716 90	3.46 3.46	5.89 1.30 5.89 1.30	2.73 2.61 2.22 2.15 2.29 3.06 3.56 2.22 2.15 2.29	B 117.8 3.439														
14541+5931	1	F CA	A 72912 B 72912	7.504 0.018 10.253 0.232				223.527 295 99 +59.514 787 94 223.527 231 36 +59.514 852 32	4.91 4.91	-18.86 -2.03 -18.86 -2.03	2.14 3.09 0.72 0.66 0.85 23.55 22.58 0.72 0.66 0.85	A 333 0.26														
14541-5855	1	F CB	A 72917 B 72917	9.036 0.013 11.952 0.181	9.053 0.013	8.963 0.016		223.532 447 25 -58.909 959 50 223.532 504 11 -58.909 579 18	3.28 3.28	-5.30 -5.67 -5.30 -5.67	2.30 2.01 2.83 2.72 2.79 41.40 48.69 2.83 2.72 2.79	A 4 1.37														
14542-3917	1	F CB	A 72918 B 72918	9.685 0.028 12.332 0.299	10.167 0.040	9.714 0.043		223.539 474 13 -39.278 344 74 223.539 109 75 -39.278 341 94	10.49 10.49	-0.12 -24.03 -0.12 -24.03	3.00 2.74 3.04 2.99 2.84 65.91 60.86 3.04 2.99 2.84	A 271 1.02														
14542-6625	1	L CA	A 72921 B 72921	7.618 0.003 8.141 0.005				223.547 185 69 -66.419 665 80 223.546 763 28 -66.419 575 74	23.05 23.05	-263.97 -172.75 -290.13 -185.05	1.38 1.61 2.02 1.20 1.81 2.35 3.50 2.02 1.67 2.82	A 298.1 0.689 -1.9 +0.017														
14544-3409	1	F CC	A 72940 B 72940	7.119 0.005 11.161 0.187	7.190 0.008	7.080 0.006		223.605 542 31 -34.142 712 49 223.604 858 74 -34.143 378 44	10.63 10.63	-31.55 -30.93 -31.55 -30.93	1.11 0.94 1.25 1.00 1.04 45.58 52.37 1.25 1.00 1.04	A 220 3.15														
14545+3405	1	F CA	A 72945 B 72945	8.753 0.005 10.388 0.022	9.174 0.010 10.879 0.061	8.639 0.009 10.070 0.048		223.625 225 07 +34.087 274 17 223.624 145 12 +34.086 858 08	10.16 10.16	-66.70 44.75 -66.70 44.75	0.89 1.03 1.42 0.93 1.03 5.26 4.90 1.42 0.93 1.03	A 245.1 3.55														
14545-3921	1	F CA	A 72950 B 72950	8.100 0.025 9.157 0.066				223.636 453 85 -39.346 269 36 223.636 446 77 -39.346 200 27	3.17 3.17	-23.15 -31.02 -23.15 -31.02	2.85 3.34 1.30 1.10 1.15 8.00 7.75 1.30 1.10 1.15	A 355 0.25														
14547-6753	1	F CA	A 72966 B 72966	9.669 0.014 11.579 0.078	9.686 0.017	9.579 0.022		223.683 108 45 -67.883 903 59 223.686 670 87 -67.884 413 23	-1.42 -1.42	-5.04 -9.08 -5.04 -9.08	1.93 2.14 2.90 2.04 2.40 15.76 19.88 2.90 2.04 2.40	A 110.8 5.17														

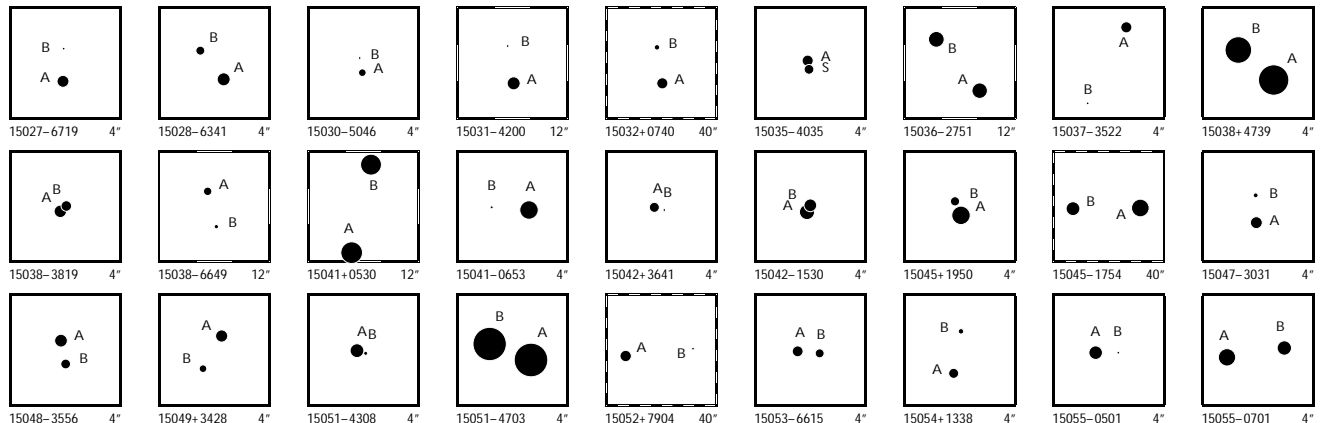


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt					
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
14549-3626	1	F	C	A	72984	7.291	0.004	7.340	0.007	7.266	0.008	223.727 071 31	-36.430 290 89	5.93	-27.43	-26.89	0.97	1.06	1.20	0.91	1.09	A	259.7	4.75				
				B	72984	11.107	0.114					223.725 458 17	-36.430 527 57	5.93	-27.43	-26.89	34.43	30.62	1.20	0.91	1.09							
14551-0744	1	F	C	A	72997	10.990	0.027					223.780 127 22	-7.732 082 41	1.30	11.85	-9.55	7.03	6.43	5.88	5.78	5.69	A	134	0.48				
				B	72997	11.249	0.034					223.780 224 61	-7.732 174 97	1.30	11.85	-9.55	16.34	10.51	5.88	5.78	5.69							
14553+6914	1	F	C	A	73011	8.771	0.006	10.019	0.021	8.695	0.012	223.817 871 59	+69.227 823 50	2.12	7.44	-20.63	0.93	1.17	1.02	0.98	1.26	A	152	1.85				
				B	73011	12.268	0.144					223.818 552 79	+69.227 371 44	2.12	7.44	-20.63	30.72	35.09	1.02	0.98	1.26							
14554+4354	1	F	C	A	73023	11.229	0.020	11.657	0.107	11.177	0.113	223.858 006 99	+43.901 707 39	3.70	-103.80	29.15	3.12	2.93	3.61	3.43	3.00	A	5	4.71				
				B	73023	13.476	0.150					223.858 175 34	+43.903 009 43	3.70	-103.80	29.15	50.36	42.00	3.61	3.43	3.00							
14554-5526	1	F	C	A	73021	8.637	0.008	9.736	0.028	8.531	0.018	223.852 813 89	-55.431 428 77	6.93	-33.60	-15.98	1.80	1.68	2.27	2.14	2.15	A	226.97	7.11				
				B	73021	8.985	0.010	9.168	0.021	8.884	0.024	223.850 269 26	-55.432 776 30	6.93	-33.60	-15.98	4.82	3.76	2.27	2.14	2.15							
14557+7618	1	F	C	A	73047	9.408	0.055					223.932 668 60	+76.306 664 33	3.71	-22.17	-31.64	4.56	4.68	0.97	0.85	0.98	A	141	0.22				
				B	73047	9.882	0.084					223.932 833 22	+76.306 616 93	3.71	-22.17	-31.64	7.56	7.49	0.97	0.85	0.98							
14558-1312	1	F	C	A	73055	8.457	0.005	8.926	0.018	8.412	0.018	223.946 951 58	-13.206 009 75	4.73	-3.17	-4.86	1.60	0.95	1.78	1.78	1.51	A	10	2.35				
				B	73055	11.682	0.083					223.947 070 67	-13.205 366 51	4.73	-3.17	-4.86	25.79	16.45	1.78	1.78	1.51							
14562+1745	1	F	C	A	73085	11.796	0.104					224.054 115 93	+17.748 038 40	11.64	-188.13	50.89	9.35	9.18	3.68	3.59	3.09	A	46	0.24				
				B	73085	12.309	0.166					224.054 165 96	+17.748 084 94	11.64	-188.13	50.89	24.00	25.02	3.68	3.59	3.09							
14565+5923	1	F	C	A	73105	8.312	0.004	8.625	0.010	8.231	0.010	224.123 446 79	+59.379 911 55	9.43	-11.86	-0.91	0.88	0.96	0.90	0.90	1.06	A	216.0	2.80				
				B	73105	10.149	0.019	10.173	0.062	9.622	0.047	224.122 549 84	+59.379 282 29	9.43	-11.86	-0.91	5.87	6.91	0.90	0.90	1.06							
14565-3438	1	L	C	A	73108	8.061	0.025					224.128 250 72	-34.631 734 60	16.24	-72.49	-38.73	4.63	3.61	1.35	3.62	4.96	A	81	0.30	-4	-0.03		
				B	73108	8.392	0.034					224.128 351 12	-34.631 721 88	16.24	-105.22	-23.45	7.45	6.67	1.35	5.92	8.25							
14565-4753	1	L	C	A	73111	6.059	0.003	5.951	0.027	5.985	0.026	224.133 665 38	-47.879 143 21	5.21	-29.91	-22.46	0.86	0.83	0.99	0.81	0.94	A	277.6	2.184	0.0	-0.005		
				B	73111	6.846	0.007					224.132 768 92	-47.879 063 23	5.21	-24.95	-23.70	2.04	2.16	0.99	1.57	2.11							
14566-6222	1	F	C	A	73118	6.696	0.065					224.159 769 41	-62.364 403 63	3.22	-9.11	-4.09	3.79	1.98	0.72	0.57	0.57	A	115	0.12				
				S	73118	7.874	0.193					224.159 836 98	-62.364 418 51	3.22	-9.11	-4.09	9.41	5.94	0.72	0.57	0.57							
14567-4832	1	F	C	A	73120	8.515	0.028					224.168 520 57	-48.533 575 45	1.76	-6.80	4.58	4.00	5.26	1.75	1.52	2.04	A	327	0.34				
				B	73120	11.190	0.324					224.168 443 59	-48.533 496 47	1.76	-6.80	4.58	39.27	25.87	1.75	1.52	2.04							
14568+7050	1	L	C	A	73135	9.142	0.006	9.697	0.033	9.095	0.031	224.198 959 38	+70.833 245 87	16.57	29.29	-22.20	1.86	2.24	2.05	1.59	1.60	A	160.9	2.991	+0.1	-0.008		
				B	73135	9.247	0.007	9.828	0.036	9.130	0.031	224.199 785 94	+70.832 460 75	16.57	22.57	-16.11	3.45	3.60	2.05	3.18	3.81							
14569+3429	1	F	N	D	73144	10.124	0.012	10.553	0.025	10.046	0.025	224.226 527 28	+34.480 111 08	2.05	18.82	-16.75	1.24	1.53	1.90	1.26	1.43	A	21	1.39				
				B	73144	13.460	0.241					224.226 698 24	+34.480 470 42	2.05	18.82	-16.75	52.58	67.00	1.90	1.26	1.43							
14572-6652	1	F	C	A	73167	7.583	0.004	8.818	0.008	7.525	0.005	224.300 939 78	-66.872 731 03	4.46	-22.52	-31.09	0.66	0.89	1.18	0.70	1.05	A	81	2.33				
				B	73167	10.990	0.087					224.302 566 83	-66.872 634 26	4.46	-22.52	-31.09	21.48	28.76	1.18	0.70	1.05							
14573+5832	1	F	C	A	73176	9.470	0.033					224.336 576 53	+58.525 564 44	7.36	16.21	-48.40	5.24	4.32	1.20	1.20	1.33	A	248	0.28				
				B	73176	12.032	0.346					224.336 440 61	+58.525 535 95	7.36	16.21	-48.40	38.75	41.40	1.20	1.20	1.33							
14574-2124	1	I	N	D	A	73184	5.877	0.029	7.168	0.008	5.873	0.005	224.363 965 01	-21.411 280 90	169.32	1034.18	-1725.60	1.77	1.25	1.67	1.80	1.29	A	304.6	24.20	+0.1	+0.07	
				B	73182	8.182	0.184					224.358 018 34	-21.407 468 58	133.63	987.05	-1666.81	62.10	40.84	33.56	44.59	28.64							
14575+3124	1	F	N	D	A	73192	11.911	0.023				224.386 559 78	+31.398 533 89	24.56	-694.60	-1159.81	4.11	4.80	5.24	3.99	4.84	A	327	0.76				
				B	73192	12.088	0.027					224.386 425 44	+31.398 712 34	24.56	-694.60	-1159.81	10.14	9.74	5.24	3.99	4.84							
14575+4010	1	I	C	A	73185	8.320	0.010	8.549	0.010	8.242	0.011	224.366 075 63	+40.161 732 37	9.09	13.55	-7.92	2.08	2.30	2.21	1.98	2.20	A	425.2	12.565	-0.01	-0.001		
				B	73186	8.997	0.015	9.153	0.016	8.885	0.018	224.369 162 04	+40.164 304 92	7.68	10.96	-6.62	5.99	6.06	3.35	3.12	3.43							
14576-3523	1	F	C	A	73195	7.431	0.004	8.959	0.021	7.378	0.011	224.389 024 83	-35.383 972 49	3.54	-5.15	-9.20	1.23	1.00	1.34	1.11	1.08	A	62.6	1.826				
				B	73195	8.739	0.013	9.712	0.036	8.469	0.021	224.389 577 25	-35.383 739 47	3.54	-5.14	-9.20	3.64	4.03	1.34	1.11	1.08							
14577+1209	1	F	C	A	73202	9.875	0.011	10.363	0.041	9.726	0.037	224.416 198 37	+12.157 517 62	6.67	-35.27	16.19	2.77	2.41	2.80	2.62	2.59	A	323	2.46				
				B	73202	12.291	0.096					224.415 777 12	+12.158 062 36	6.67	-35.27	16.19	41.40	38.30	2.80	2.62	2.59							
14580-5746	1	F	C	A	73230	9.168	0.007					224.497 664 31	-57.765 728 61	-0.97	-6.23	-7.65	1.57	1.44	1.86	1.86	1.							

System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
14584+4403	1	F CA	A 73261 B 73261	9.094 0.007 9.609 0.011	9.535 0.022 10.022 0.036	8.948 0.020 9.402 0.033		224.589 855 99 224.588 260 24	+44.043 314 93 +44.043 464 66	10.15 10.15	-57.47 -57.47	-69.27 -69.27	1.86 1.59 2.01 1.95 1.56 3.58 3.51 2.01 1.95 1.56	A 277.4	4.164												
14584-4507	1	F CA	A 73263 B 73263	8.844 0.009 9.457 0.016				224.592 716 11 224.592 531 00	-45.114 439 46 -45.114 388 89	1.53 1.53	-10.66 -10.66	-7.36 -7.36	1.93 1.47 1.88 1.80 1.82 3.69 3.15 1.88 1.80 1.82	A 291.2	0.504												
14587-2224	1	I CA	A 73287 B 73289	7.993 0.008 10.345 0.059	8.488 0.015 10.666 0.090	7.914 0.011 10.007 0.080		224.669 966 55 224.673 536 58	-22.401 414 22 -22.401 703 60	7.69 17.70	-92.22 -90.06	-45.27 -45.66	2.22 1.62 1.95 2.27 2.10 27.29 20.85 8.73 10.29 9.85	A 95.01	11.93	0.00	0.00										
14587-2739	1	L CA	A 73284 S 73284	6.346 0.004 6.634 0.005				224.663 691 81 224.663 674 50	-27.657 293 01 -27.657 138 03	9.32 9.32	-47.62 -41.43	-8.60 -12.54	1.45 1.19 1.42 1.42 1.29 2.16 1.74 1.42 1.63 1.44	A 354.4	0.561	+0.6	-0.005										
14590+0059	1	F CB	A 73320 B 73320	9.881 0.000 10.284 0.145				224.739 430 02 224.739 375 99	+0.986 099 66 +0.986 148 81	4.67 4.67	6.50 6.50	-3.50 -3.50	11.32 10.52 2.15 1.94 2.33 16.70 14.73 2.15 1.94 2.33	A 312	0.26												
14592-2608	1	F CB	A 73339 B 73339	10.606 0.042 12.673 0.282				224.804 650 12 224.804 678 33	-26.135 208 14 -26.135 135 63	4.75 4.75	-24.68 -24.68	-13.40 -13.40	4.31 5.93 2.32 4.93 2.50 39.02 37.81 2.32 4.93 2.50	A 19	0.28												
14592-4206	1	F CA	A 73334 C 73334	3.337 0.066 4.712 0.235				224.790 408 14 224.790 428 16	-42.104 135 10 -42.104 166 48	6.05 6.05	-17.76 -17.76	-21.33 -21.33	2.27 3.83 0.73 0.56 0.61 8.75 11.49 0.73 0.56 0.61	A 155	0.12												
14593+4649	1	F CA	A 73346 B 73346	9.610 0.104 10.472 0.230				224.834 790 50 224.834 743 35	+46.817 652 69 +46.817 602 07	5.85 5.85	-30.79 -30.79	13.81 13.81	6.90 9.52 1.40 1.39 1.28 16.32 21.47 1.40 1.39 1.28	A 213	0.22												
14595-3043	1	F CA	A 73357 B 73357	7.094 0.008 9.448 0.065	7.300 0.009 9.716 0.042	7.036 0.009 9.266 0.044		224.871 849 64 224.870 799 98	-30.711 442 10 -30.709 280 52	9.64 9.64	-17.93 -17.93	-37.11 -37.11	1.88 1.34 1.94 1.83 1.39 24.15 23.15 1.94 1.83 1.39	A 337.3	8.43												
14597+3506	1	F NC	A 73380 B 73377	7.917 0.017 11.910 0.500	8.984 0.010 12.839 0.353	7.862 0.007 11.565 0.174		224.931 338 40 224.924 648 22	+35.100 923 65 +35.105 232 67	1.92 1.92	0.54 0.54	-26.29 -26.29	1.37 1.60 1.74 1.34 1.63 100.68 113.85 1.74 1.34 1.63	A 308.2	25.08												
15002+2129	1	F CA	A 73411 B 73411	10.187 0.040 10.196 0.040				225.041 685 76 225.041 621 38	+21.480 229 85 +21.480 201 91	5.82 5.82	-27.64 -27.64	-41.02 -41.02	5.28 4.88 1.62 1.42 1.38 6.18 6.75 1.62 1.42 1.38	A 245	0.238												
15004+5537	1	F CA	A 73436 B 73436	7.279 0.002 10.827 0.053				225.099 106 59 225.099 196 56	+55.618 126 45 +55.617 911 37	8.98 8.98	48.97 48.97	14.95 14.95	0.59 0.59 0.63 0.55 0.58 17.40 14.30 0.63 0.55 0.58	A 167	0.80												
15006-5230	1	F CA	A 73451 B 73451	9.521 0.038 9.914 0.055				225.149 341 09 225.149 224 67	-52.492 625 85 -52.492 603 85	1.36 1.36	-12.28 -12.28	-11.67 -11.67	5.07 2.50 1.47 1.05 1.23 6.86 4.11 1.47 1.05 1.23	A 287	0.267												
15009+4526	1	F CC	A 73470 B 73470	9.253 0.012 12.884 0.344				225.230 747 48 225.230 695 54	+45.425 308 04 +45.425 420 20	85.48 85.48	241.12 241.12	370.51 370.51	1.63 2.72 1.56 1.66 1.56 55.95 68.48 1.56 1.66 1.56	A 342	0.42												
15009+5745	1	F CB	B 73468 A 73468	9.341 0.278 9.590 0.350				225.229 725 66 225.229 715 42	+57.753 554 26 +57.753 520 79	1.64 1.64	-5.72 -5.72	4.42 4.42	9.72 17.97 0.73 0.69 0.76 13.28 16.87 0.73 0.69 0.76	B 189	0.12												
15010+3123	1	I CA	A 73472 B 73471	8.521 0.023 10.535 0.093	10.488 0.034 11.420 0.067	8.691 0.014 10.548 0.051		225.240 569 54 225.239 712 18	+31.377 407 88 +31.371 804 49	0.78 -3.16	-47.92 34.95	-48.51 29.77	1.57 1.57 1.93 1.50 1.61 32.08 34.73 16.25 20.00 22.43	A 187.4	20.34	-0.2	-0.09										
15010+4543	1	F ND	A 73478 B 73478	8.835 0.018 12.193 0.385				225.255 340 31 225.255 447 77	+45.723 519 84 +45.723 466 45	4.44 4.44	-38.77 -38.77	-0.68 -0.68	1.44 1.29 1.18 1.17 1.22 52.14 45.79 1.18 1.17 1.22	A 125	0.33												
15010-4300	1	F CA	A 73479 B 73479	9.301 0.006 9.842 0.010				225.255 614 12 225.255 863 56	-42.999 353 38 -42.999 329 84	1.21 1.21	9.03 9.03	3.62 3.62	2.68 1.66 2.68 3.95 2.44 4.87 4.09 2.68 3.95 2.44	A 82.6	0.662												
15012-0406	1	F CA	A 73490 B 73490	9.346 0.010 11.514 0.066	10.609 0.070 9.271 0.037			225.293 204 60 225.294 098 55	-4.097 221 53 -4.097 097 76	3.06 3.06	-7.86 -7.86	4.83 4.83	2.46 2.11 2.15 2.83 1.89 15.04 14.00 2.15 2.83 1.89	A 82.1	3.24												
15013-6759	1	F CA	A 73494 B 73494	7.082 0.003 9.514 0.023	6.982 0.004 9.396 0.021	7.073 0.005 9.290 0.027		225.313 467 91 225.311 721 48	-67.983 282 76 -67.982 000 22	3.06 3.06	-10.47 -10.47	-5.28 -5.28	0.56 0.67 0.91 0.64 0.80 5.12 7.84 0.91 0.64 0.80	A 333.0	5.18												
15016-0828	1	F CB	A 73523 B 73523	10.103 0.213 10.482 0.020				225.410 572 11 225.410 609 02	-8.462 716 03 -8.462 753 83	7.44 7.44	-5.35 -5.35	-23.69 -23.69	14.22 15.16 1.84 1.64 1.44 23.87 18.76 1.84 1.64 1.44	A 136	0.19												
15018+0538	1	I ND	A 73529 B 73531	10.047 0.038 11.360 0.112	10.408 0.053 12.035 0.223	9.897 0.052 11.099 0.156		225.438 217 30 225.440 031 51	+5.631 746 97 +5.636 500 84	6.29 32.18	-1.60 6.80	-0.79 -14.56	5.35 8.64 7.52 6.12 7.53 41.33 64.21 39.57 33.59 41.11	A 20.8	18.31	0.0	-0.01										
15018-0008	1	F CA	A 73536 B 73536	6.091 0.006 7.327 0.019				225.453 814 14 225.453 943 41	-0.140 258 67 -0.140 303 86	3.19 3.19	6.45 6.45	-15.03 -15.03	1.39 1.03 1.21 1.25 0.98 4.33 3.46 1.21 1.25 0.98	A 109.3	0.493												
15018-4149	1	F CA	A 73534 B 73534	8.812 0.006 9.173 0.008				225.452 027 19 225.451 936 52	-41.818 055 24 -41.818 302 69	-0.60 -0.60	-16.79 -16.79	-7.14 -7.14	3.11 1.76 3.44 4.65 3.14 3.77 2.43 3.44 4.65 3.14	A 195.3	0.923												
15019+1547	1	I CB	A 73543 B 73542	9.008 0.007 9.489 0.009	10.006 0.029 11.221 0.083	8.922 0.019 9.485 0.030		225.467 777 20 225.466 397 26	+15.788 481 77 +15.781 368 46	2.51 1.37	9.44 -10.19	-40.21 -35.33	3.72 3.71 2.88 2.79 3.01 2.87 2.77 2.86 2.72 2.95	A 190.57	26.050	+0.04	-0.001										
15019-4715	1	I CA	A 73546 B 73550	10.015 0.018 11.755 0.078	10.517 0.037 9.925 0.035			225.472 190 21 225.478 123 20	-47.247 916 81 -47.246 210 27	8.98 16.04	-44.20 -86.06	-7.52 -54.80	4.43 4.40 4.61 4.20 4.49 31.99 31.47 15.12 27.77 24.60	A 67.0	15.75	+0.1	-0.06										
15019-5155	1	F CA	A 73557 B 73557	7.630 0.004 10.425 0.051	8.783 0.014 10.510 0.072	7.551 0.009 9.994 0.074		225.487 348 66 225.487 875 82	-51.918 275 62 -51.919 742 92	5.67 5.67	-37.02 -37.02	-20.09 -20.09	0.95 1.05 1.22 0.90 1.19 12.89 15.80 1.22 0.90 1.19	A 167.5	5.41												

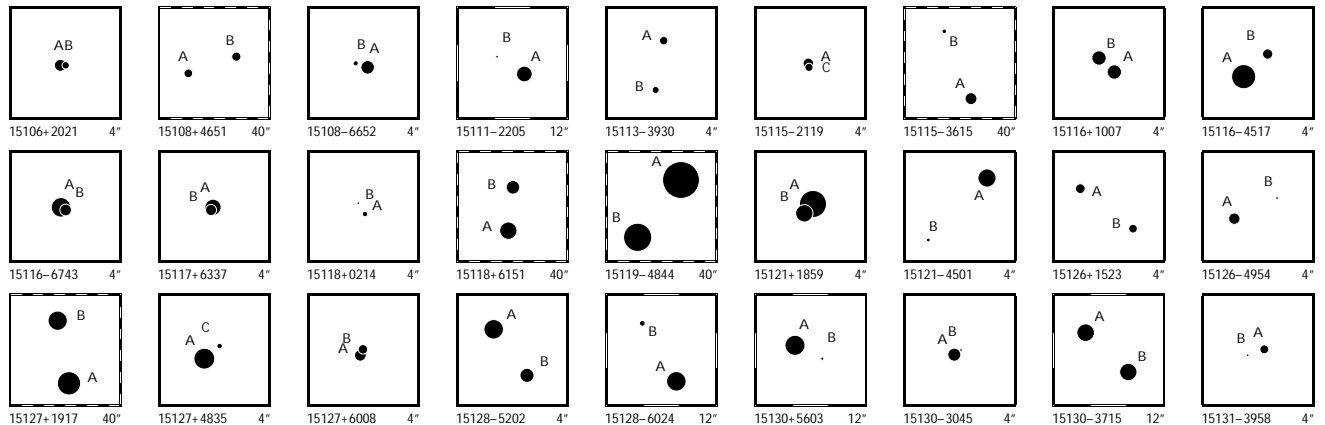


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15027-6719	1	FND	D	A 73603 B 73603	9.386 13.178	0.007 0.216		9.336 9.336	0.012 0.016				225.674 336 70 225.674 295 65	-67.310 871 64 -67.310 545 76	3.05 3.05	-1.83 -1.83	-1.53 -1.53	1.01 1.44 2.08 53.78 84.72 2.08	1.06 1.63 1.06 1.63					A 357	1.17		
15028-6341	1	FCA	A	A 73609 B 73609	9.144 10.040	0.006 0.014		9.771 9.996	0.022 0.035	8.809 9.628	0.012 0.102		225.687 297 89 225.687 843 67	-63.686 784 00 -63.686 484 16	1.73 1.73	-2.17 -2.17	-11.65 -11.65	1.28 1.35 1.88 4.45 4.22 1.88	1.29 1.52 1.29 1.52					A 38.9	1.39		
15030-5046	1	FND	D	A 73630 B 73630	10.293 13.219	0.014 0.204							225.757 998 11 225.758 039 39	-50.769 851 80 -50.769 695 90	-0.12 -0.12	-10.92 -10.92	-5.64 -5.64	2.22 2.25 2.52 56.56 59.60 2.52	2.23 2.50 2.73 2.50					A 10	0.57		
15031-4200	1	FND	D	A 73633 B 73633	9.144 12.422	0.010 0.194		10.444 9.130	0.039 0.021				225.775 124 25 225.775 384 92	-41.992 066 98 -41.990 917 71	41.07 41.07	109.91 109.91	-202.53 -202.53	1.99 1.42 2.11 62.67 39.21 2.11	3.07 2.25 3.07 2.25					A 10	4.20		
15032+0740	1	ICA	A	A 73641 B 73642	9.530 10.798	0.020 0.042		10.448 11.244	0.057 0.104	9.507 10.450	0.039 0.081		225.789 711 55 225.790 267 94	+7.671 629 20 +7.675 320 51	15.32 1.12	-69.37 -89.73	-15.66 -24.23	6.97 4.02 4.79 23.33 14.24 13.32	6.91 4.58 22.65 13.36					A 8.5	13.44	-0.1	-0.01
15035-4035	1	FCA	A	A 73667 S 73667	9.526 9.854	0.023 0.031							225.883 349 65 225.883 332 97	-40.589 658 37 -40.589 743 86	4.81 4.81	-17.11 -17.11	-15.09 -15.09	2.70 3.19 2.03 4.85 4.83 2.03	1.89 2.63 1.89 2.63					A 188	0.311		
15036-2751	1	FNB	B	B 73674 A 73674	8.538 8.554	0.013 0.014		9.118 9.132	0.021 0.028	8.444 8.461	0.018 0.025		225.898 763 30 225.897 262 00	-27.840 657 09 -27.842 325 84	21.13 21.13	159.27 159.27	-138.55 -138.55	5.00 3.18 1.74 2.52 1.83 1.74	1.84 1.57 1.84 1.57					B 220.06	7.43		
15037-3522	1	FCA	A	A 73687 B 73687	9.559 12.335	0.007 0.082		10.222 9.447	0.040 0.032				225.931 076 04 225.931 554 29	-35.358 524 18 -35.359 303 20	9.89 9.89	-0.44 -0.44	-78.31 -78.31	1.97 1.50 1.98 37.96 20.49 1.98	1.79 1.54 1.79 1.54					A 153	3.14		
15038+4739	1	LCB	D	A 73695 B 73695	5.308 6.091	0.009 0.015		5.631 4.918	0.014 0.017				225.948 674 17 225.949 202 30	+47.654 014 09 +47.654 325 91	78.39 78.39	-436.24 -378.67	18.94 40.02	1.01 1.05 1.03 2.94 3.18 1.03	2.10 1.17 2.74 2.28					A 48.8	1.703	+0.7	+0.057
15038-3819	1	FCA	A	A 73698 B 73698	9.240 9.668	0.027 0.040							225.952 698 12 225.952 618 68	-38.318 683 28 -38.318 630 07	3.69 3.69	-8.05 -8.05	-6.43 -6.43	4.57 3.39 1.55 8.25 5.50 1.55	1.29 1.34 1.29 1.34					A 310	0.30		
15038-6649	1	FCA	A	A 73702 B 73702	10.169 11.036	0.009 0.019		10.101 10.492	0.019 0.034	9.980 10.303	0.025 0.044		225.953 788 13 225.953 067 73	-66.814 467 53 -66.815 562 18	2.60 2.60	-3.92 -3.92	-4.22 -4.22	1.77 2.34 2.84 6.87 9.28 2.84	1.68 2.64 1.68 2.64					A 194.5	4.07		
15041+0530	1	FCA	A	A 73716 B 73716	7.228 7.367	0.012 0.013		7.441 7.705	0.013 0.016	7.131 7.361	0.015 0.018		226.026 841 83 226.026 243 55	+5.492 904 15 +5.495 620 93	12.65 12.65	-7.01 -7.01	-29.49 -29.49	1.97 1.57 1.85 5.01 3.84 1.85	1.63 1.47 1.63 1.47					A 347.64	10.013		
15041-0653	1	FCB	A	A 73717 B 73717	7.899 11.344	0.006 0.134		8.676 7.795	0.015 0.011				226.029 463 96 226.029 853 37	-6.887 334 63 -6.887 316 07	28.63 28.63	-212.49 -212.49	-10.78 -10.78	1.77 1.21 1.70 66.39 32.81 1.70	1.95 1.43 1.95 1.43					A 87	1.39		
15042+3641	1	FND	D	A 73723 B 73723	9.764 13.153	0.017 0.375							226.056 169 12 226.056 042 91	+36.682 901 79 +36.682 878 83	6.25 6.25	18.87 18.87	1.97 1.97	1.54 1.40 1.63 68.49 59.54 1.63	1.12 1.45 1.12 1.45					A 257	0.37		
15042-1530	1	FCA	A	A 73724 B 73724	8.669 9.168	0.037 0.058							226.059 340 83 226.059 309 17	-15.497 630 96 -15.497 562 45	7.55 7.55	13.41 13.41	-33.77 -33.77	4.61 5.07 1.37 7.64 6.62 1.37	1.64 1.35 1.64 1.35					A 336	0.27		
15045+1950	1	FCA	A	A 73748 B 73748	7.941 9.944	0.003 0.018							226.122 585 12 226.122 644 94	+19.841 308 06 +19.841 457 05	4.13 4.13	-12.79 -12.79	10.19 10.19	0.89 0.96 1.22 5.69 5.98 1.22	0.98 1.12 0.98 1.12					A 21	0.57		
15045-1754	1	ICA	A	A 73751 B 73753	8.087 8.967	0.027 0.048		9.505 10.036	0.032 0.049	8.018 8.809	0.018 0.030		226.128 736 02 226.136 054 56	-17.903 619 89 -17.903 678 93	0.08 1.63	-14.44 -16.56	0.39 2.01	2.30 1.66 2.05 30.13 21.75 4.38	2.75 2.58 5.81 5.30					A 90.49	25.07	0.00	0.00
15047-3031	1	FCA	A	A 73761 B 73761	9.367 10.948	0.013 0.043							226.167 071 18 226.167 084 46	-30.522 084 46 -30.521 806 81	4.42 4.42	-26.41 -26.41	-13.81 -13.81	2.93 1.75 2.56 14.23 10.60 2.56	3.00 2.01 3.00 2.01					A 2	1.00		
15048-3556	1	FCA	A	A 73779 B 73779	9.161 9.814	0.006 0.011							226.206 444 59 226.206 387 19	-35.926 119 11 -35.926 352 17	5.05 5.05	9.28 9.28	4.63 4.63	2.67 1.92 2.78 4.49 3.75 2.78	2.71 2.19 2.71 2.19					A 191.3	0.856		
15049+3428	1	FCA	A	A 73793 B 73793	9.308 10.345	0.008 0.020		9.546 10.300	0.015 0.124	9.064 9.731	0.013 0.098		226.234 591 21 226.234 823 45	+34.467 425 52 +34.467 095 11	7.26 7.26	26.30 26.30	23.21 23.21	1.29 1.41 1.75 4.16 5.87 1.75	1.47 1.56 1.47 1.56					A 149.9	1.37		
15051-4308	1	FCA	A	A 73804 B 73804	8.945 11.085	0.016 0.112							226.272 640 94 226.272 529 20	-43.132 771 17 -43.132 797 97	9.84 9.84	39.73 39.73	-32.56 -32.56	3.51 2.70 1.93 21.96 21.83 1.93	1.83 1.82 1.83 1.82					A 252	0.31		
15051-4703	1	LCA	A	A 73807 B 73807	4.569 4.648	0.004 0.004		4.221 4.257	0.017 0.018	4.369 4.414	0.015 0.013		226.279 606 99 226.280 230 43	-47.051 193 86 -47.051 024 06	6.56 6.56	-23.39 -22.27	-21.11 -15.94	0.88 0.82 0.96 1.69 1.90 0.96	0.81 0.92 1.05 1.30					A 68.2	1.647	-0.2	+0.003
15052+7904	1	IND	D	A 73816 B 73803	9.495 12.697	0.030 0.414		9.972 9.394	0.025 0.023				226.309 822 94 226.272 954 78	+79.059 570 19 +79.060 408 41	6.08 21.05	22.66 -13.65	-32.29 38.49	2.86 2.92 2.39 89.81 90.77 46.91	2.50 2.90 48.70 56.28					A 276.8	25.37	+0.1	+0.04
15053-6615	1	FCA	A	A 73828 B 73828	9.611 10.028	0.007 0.009							226.333 423 88 226.332 862 54	-66.245 023 90 -66.245 044 14	-0.28 -0.28	-12.21 -12.21	-10.69 -10.69	2.03 2.26 3.16 3.48 5.29 3.16	1.98 3.00 1.98 3.00					A 264.9	0.817		
15054+1338	1	FCA	A	A 73836 B 73836	9.797 10.820	0.010 0.025		10.119 9.566	0.033 0.031				226.344 244 86 226.344 163 84	+13.639 093 74 +13.639 528 35	8.03 8.03	-29.37 -29.37	1.04 1.04	2.57 2.41 2.98 8.10 8.67 2.98	2.56 2.88 2.56 2.88					A 349.7	1.59		
15055-0501	1	FCB	A	A 73843 B 73843	8.980 12.191	0.009 0.174							226.371 795 50 226.371 566 98	-5.009 753 24 -5.009 754 10	8.54 8.54	-37.39 -37.39	36.02 36.02	2.83 1.73 2.66 65.51 54.05 2.66	3.02 2.07 3.02 2.07					A 270	0.82		
15055-0701	1	LCA	A	A 73846 B 73846	8.151 8.822	0.006 0.010		8.477 7.803	0.020 0.017				226.379 363 06 226.378 768 53	-7.013 568 05 -7.013 476 09	22.04 22.04	-225.19 -234.62	-5.44 -12.18	2.11 1.41 1.96 6.56 5.72 1.96	1.92 1.27 3.96 3.23					A 278.9	2.150	-0.2	+0.008

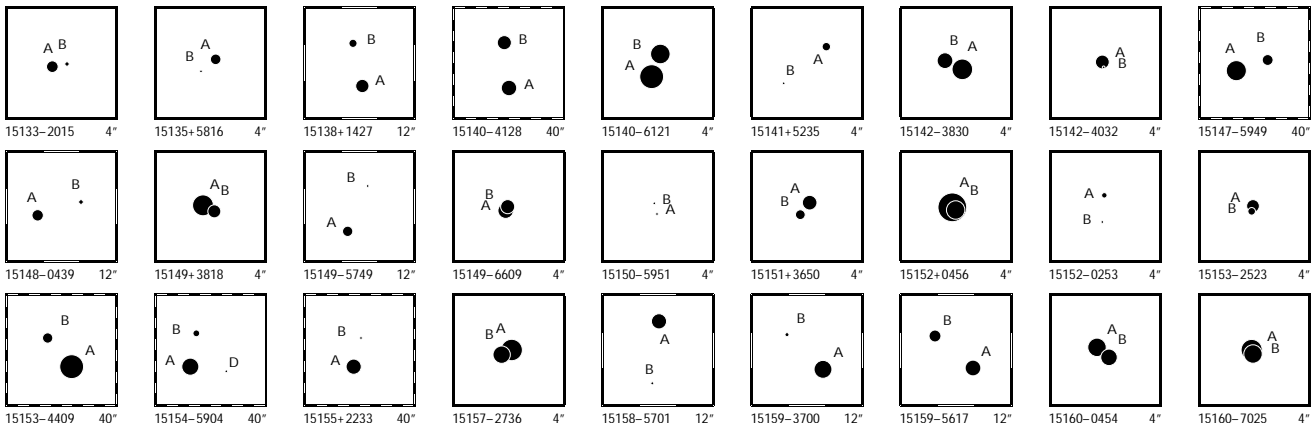


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
15056+1138	1	F	A	73849	9.181	0.005						226.389 440 80	+11.631 446 42	9.96	44.57	-77.67	2.54	2.15	2.84	2.48	2.72	A	352.7	0.99			
			B	73849	9.246	0.005						226.389 405 20	+11.631 720 28	9.96	44.57	-77.67	3.80	4.06	2.84	2.48	2.72						
15061-6523	1	F	A	73892	9.222	0.005						226.535 561 89	-65.389 378 98	6.82	-11.06	-34.26	2.62	2.09	3.00	2.88	2.83	A	264.3	0.789			
			B	73892	9.275	0.006						226.535 038 52	-65.389 400 86	6.82	-11.06	-34.26	3.62	4.17	3.00	2.88	2.83						
15062+5225	1	F	A	73895	10.904	0.012						226.544 115 41	+52.415 835 20	7.52	-139.31	-170.44	3.60	3.12	3.65	3.50	2.86	A	303	0.55			
			B	73895	11.837	0.027						226.543 904 64	+52.415 917 36	7.52	-139.31	-170.44	10.47	8.64	3.65	3.50	2.86						
15063+5950	1	F	A	73915	8.077	0.006						226.576 034 21	+59.825 242 44	6.35	28.24	-48.67	1.20	1.42	0.94	0.86	1.14	A	17	0.394			
			B	73915	9.273	0.019						226.576 096 26	+59.825 347 48	6.35	28.24	-48.67	4.52	4.25	0.94	0.86	1.14						
15064-5934	1	F	A	73924	8.452	0.007	8.858	0.013	8.313	0.012		226.603 100 62	-59.561 767 04	12.65	-8.82	-25.69	2.15	1.61	2.04	2.44	2.12	A	49	1.32			
			B	73924	10.442	0.043						226.603 652 38	-59.561 528 16	12.65	-8.82	-25.69	25.29	13.32	2.04	2.44	2.12						
15064-7210	1	F	A	73921	7.208	0.004	7.008	0.010	7.040	0.011		226.594 880 26	-72.170 144 71	4.36	-12.55	-19.29	0.77	0.89	1.02	0.83	1.02	A	42.3	1.37			
			B	73921	8.509	0.013						226.595 716 72	-72.169 863 59	4.36	-12.55	-19.29	3.89	4.74	1.02	0.83	1.02						
15066-3055	1	F	C	P	A	73937	5.979	0.007				226.638 386 94	-30.918 412 99	10.44	-23.00	-28.66	1.09	1.26	0.96	0.98	0.87	A	193	0.38			
			B	73937	9.913	0.260						226.638 358 71	-30.918 516 33	10.44	-23.00	-28.66	40.24	38.79	0.96	0.98	0.87						
15069-4525	1	F	C	B	A	73962	9.170	0.105				226.727 827 86	-45.416 865 31	9.43	25.11	-54.49	11.52	12.14	2.17	1.91	1.65	A	89	0.21			
			B	73962	11.288	0.741						226.727 909 92	-45.416 864 14	9.43	25.11	-54.49	69.13	69.19	2.17	1.91	1.65						
15070+4139	1	F	C	A	A	73970	9.341	0.008	9.723	0.017	9.268	0.017	226.746 698 08	+41.655 985 25	6.06	6.63	-54.08	1.16	1.32	1.48	1.20	1.44	A	50	2.22		
			B	73970	12.509	0.142						226.747 333 79	+41.656 379 84	6.06	6.63	-54.08	30.00	37.58	1.48	1.20	1.44						
15075+0914	1	F	C	A	A	74016	7.445	0.007	8.028	0.033	7.320	0.032	226.887 750 67	+9.225 974 88	31.21	-191.42	24.72	1.98	2.10	1.77	1.79	2.14	A	210.9	4.121		
			B	74016	7.677	0.008						226.887 155 03	+9.224 992 78	31.21	-191.42	24.72	3.61	3.40	1.77	1.79	2.14						
15075+1541	1	F	C	A	A	74014	9.107	0.005	9.622	0.018	9.061	0.017	226.881 992 89	+15.680 874 92	12.48	-22.07	-45.71	1.31	0.95	1.48	1.48	1.35	A	12	3.29		
			B	74014	12.981	0.152						226.882 193 03	+15.681 769 57	12.48	-22.07	-45.71	51.42	39.61	1.48	1.48	1.35						
15077+1158	1	F	C	A	A	74027	10.084	0.009	10.057	0.028	9.525	0.027	226.919 987 82	+11.970 779 96	3.89	-46.43	11.54	2.89	2.85	3.21	2.67	3.60	A	291.9	1.98		
			B	74027	10.494	0.013	10.294	0.058	9.797	0.053		226.919 465 44	+11.970 985 71	3.89	-46.43	11.54	7.20	5.83	3.21	2.67	3.60						
15079+8629	1	F	C	A	A	74040	9.984	0.008	10.580	0.036	9.853	0.030	226.971 131 01	+86.491 498 25	9.34	-42.81	32.28	1.60	1.76	1.75	1.86	2.38	A	66.4	2.12		
			B	74040	11.635	0.035						226.979 969 28	+86.491 734 08	9.34	-42.81	32.28	9.18	11.49	1.75	1.86	2.38						
15079-6108	1	L	C	A	A	74044	7.329	0.025				226.984 042 04	-61.128 666 07	8.02	-2.18	-10.19	4.01	3.15	0.92	1.37	1.76	A	281	0.271	+2	-0.002	
			B	74044	7.344	0.026						226.983 888 79	-61.128 651 79	8.02	1.27	-1.37	3.86	2.86	0.92	1.38	1.78						
15080-3312	1	F	C	B	A	74054	9.150	0.014	9.636	0.028	9.043	0.025	227.006 412 74	-33.203 133 10	12.42	-47.70	-84.39	2.23	1.72	2.16	2.08	1.89	A	65	2.78		
			B	74054	12.356	0.275						227.007 247 74	-33.202 805 29	12.42	-47.70	-84.39	55.06	56.36	2.16	2.08	1.89						
15087-0059	1	L	C	A	A	74106	9.165	0.006				227.179 033 15	-0.980 678 89	15.10	21.92	-91.10	4.71	2.23	4.05	4.25	2.85	A	284.3	0.803	+0.1	-0.010	
			B	74106	9.455	0.008						227.178 816 98	-0.980 623 89	15.10	32.25	-91.84	6.40	4.19	4.05	5.16	3.89						
15088-0610	1	F	N	C	A	74116	8.926	0.016				227.208 050 84	-6.159 140 11	9.53	-45.76	-16.26	2.06	1.86	1.87	2.21	1.52	A	12	0.388			
			B	74116	9.290	0.023						227.208 073 76	-6.159 034 70	9.53	-45.76	-16.26	4.32	3.87	1.87	2.21	1.52	A	174	6.91			
			C	74116	12.557	0.389						227.208 243 61	-6.161 051 05	9.53	-45.76	-16.26	97.67	65.87	1.87	2.21	1.52						
15088-4517	1	L	C	A	A	74117	4.428	0.016				227.210 968 78	-45.279 778 94	8.02	-18.02	-34.23	1.22	1.65	0.69	0.83	1.07	A	210	0.193	+3	-0.023	
			B	74117	5.225	0.032						227.210 930 98	-45.279 825 58	8.02	-15.86	-9.18	2.36	2.96	0.69	1.42	1.94						
15089-0635	1	F	C	A	A	74125	9.477	0.006				227.230 259 52	-6.577 296 36	9.65	-4.84	-18.39	3.92	2.25	3.13	4.38	2.37	A	45	0.642			
			B	74125	9.898	0.009						227.230 385 53	-6.577 169 22	9.65	-4.84	-18.39	5.98	3.92	3.13	4.38	2.37						
15090+0141	1	F	C	A	A	74129	7.636	0.004	7.970	0.011	7.583	0.011	227.238 748 85	+1.689 304 54	11.02	61.08	-6.14	1.23	0.78	1.15	1.30	0.90	A	37.5	3.47		
			B	74129	10.939	0.077						227.239 336 99	+1.690 069 72	11.02	61.08	-6.14	27.87	16.82	1.15	1.30	0.90						
15090-2144	1	I	N	D	A	74142	9.107	0.033	9.504	0.029	9.054	0.028	227.257 547 43	-21.725 402 61	8.82	-47.37	3.64	3.30	2.55	3.09	3.81	3.68	A	140.9	21.02	-0.1	+0.08
			B	74143	11.374	0.218						227.261 513 49	-21.729 931 44	8.82	17.30	-40.87	66.83	50.91	43.71	48.36	48.62						
15091-5052	1	F	C	A	A	74157	8.242	0.005				227.286 267 19	-50.860 053 34	9.59	-58.55	-2.59	1.15	1.22	1.47	1.28	1.62	A	26	0.61			
			B	74157	10.612	0.037						227.286 387 61	-50.859 900 40	9.59	-58.55	-2.59	11.42	11.56	1.47	1.28	1.62						
15095-3734	1	F	C	A	A	74185	10.634	0.012	11.014	0.060	10.171	0.045	227.379 592 49	-37.559 391 61	0.71	-6.86	-48.37	4.51	3.80	4.31	4.20	4.20	A	317.8	1.77		

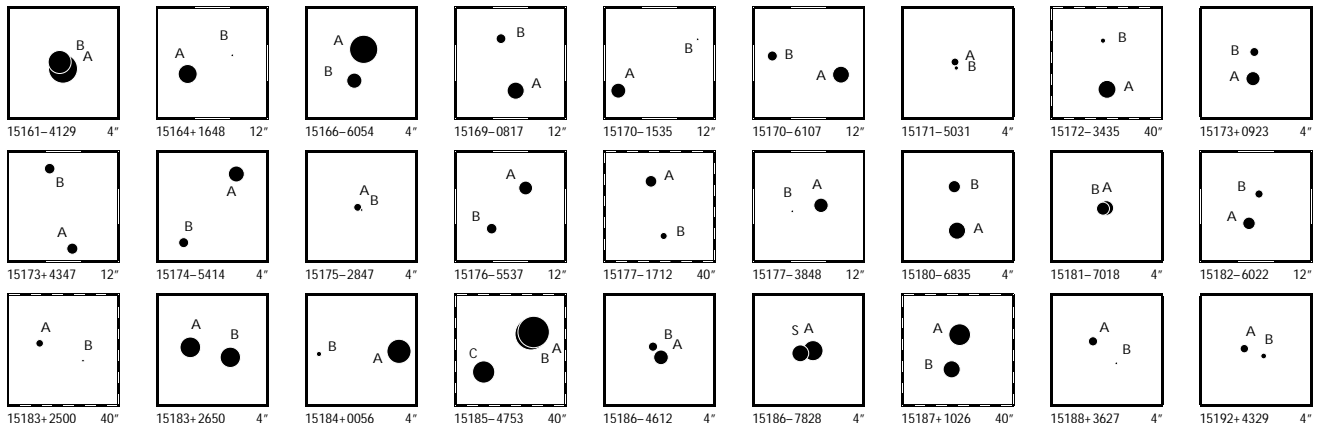
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	σ	σ	σ	α	δ	μ_{α^*}		μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
15106+2021	1	F CA	A 74259 B 74259	9.389 10.396	0.099 0.251						227.646 416 19 +20.352 689 76 227.646 357 56 +20.352 686 27	14.55 14.55	-119.38 -119.38	86.89 86.89	12.26 13.15 1.64 1.27 1.42 21.16 27.64 1.64 1.27 1.42	A 266	0.20									
15108+4651	1	I CA	B 74278 A 74281	9.968 10.051	0.036 0.038	10.396 0.037 10.702 0.047	9.770 0.033 9.862 0.034				227.701 833 84 +46.850 104 57 227.708 985 42 +46.848 371 53	8.53 7.39	-86.98 -86.75	29.55 29.87	6.51 9.25 3.92 4.99 4.80 6.64 7.36 4.68 6.01 5.86	A 109.51	18.68	0.00	0.00							
15108-6652	1	F CA	A 74275 B 74275	9.024 10.844	0.006 0.030						227.696 209 47 -66.874 760 14 227.696 512 33 -66.874 713 77	3.12 3.12	-10.47 -10.47	2.83 2.83	1.24 1.34 1.67 0.96 1.32 6.36 9.21 1.67 0.96 1.32	A 69	0.46									
15111-2205	1	F ND	A 74291 B 74291	8.519 12.220	0.006 0.181						227.770 261 38 -22.077 601 37 227.771 180 44 -22.077 056 23	7.45 7.45	-34.75 -34.75	-42.09 -42.09	1.76 1.19 1.49 1.76 1.66 87.80 42.39 1.49 1.76 1.66	A 57	3.64									
15113-3930	1	F CB	A 74308 B 74308	10.165 10.455	0.008 0.010	10.118 0.037 10.383 0.067	9.652 0.048 9.758 0.050				227.820 545 72 -39.508 042 59 227.820 645 51 -39.508 549 83	9.44 9.44	-17.07 -17.07	-43.33 -43.33	5.84 4.01 6.65 8.10 8.11 8.32 6.10 6.65 8.10 8.11	A 171.4	1.85									
15115-2119	1	F CA	A 74332 C 74332	9.656 10.177	0.144 0.232						227.887 134 44 -21.310 267 73 227.887 128 17 -21.310 315 01	2.75 2.75	-30.30 -30.30	-11.59 -11.59	4.85 12.28 1.61 1.50 1.37 7.79 17.54 1.61 1.50 1.37	A 187	0.17									
15115-3615	1	I CA	A 74321 B 74323	9.345 10.051	0.011 0.034	9.673 0.029 11.775 0.170	9.352 0.033 10.777 0.104				227.861 593 79 -36.249 146 76 227.865 004 01 -36.242 215 49	6.54 -8.83	-17.64 -19.64	-32.15 -37.89	3.06 2.30 2.52 2.90 2.38 14.27 10.58 8.66 10.23 8.70	A 21.64	26.85	+0.08	+0.01							
15116+1007	1	F CA	A 74345 B 74345	8.795 8.811	0.007 0.007						227.909 591 26 +10.124 933 47 227.909 753 37 +10.125 078 39	3.58 3.58	-24.32 -24.32	-3.44 -3.44	2.99 2.02 2.43 2.91 2.39 4.78 3.41 2.43 2.91 2.39	A 47.8	0.776									
15116-4517	1	F CA	A 74336 B 74336	6.647 9.735	0.004 0.070	7.776 0.008 9.735 0.070	6.537 0.005				227.895 064 30 -45.277 495 13 227.894 714 65 -45.277 257 96	8.38 8.38	-14.68 -14.68	14.90 14.90	0.90 0.84 1.03 0.95 1.07 19.63 22.30 1.03 0.95 1.07	A 314	1.23									
15116-6743	1	F CA	A 74347 B 74347	7.681 9.445	0.051 0.259						227.911 683 08 -67.709 994 78 227.911 572 73 -67.710 019 88	4.35 4.35	-11.18 -11.18	-13.42 -13.42	4.02 2.66 0.81 0.50 0.71 16.62 20.01 0.81 0.50 0.71	A 239	0.18									
15117+6337	1	F CA	A 74355 B 74355	8.391 9.561	0.159 0.468						227.935 201 09 +63.621 962 53 227.935 259 83 +63.621 941 93	4.54 4.54	-19.80 -19.80	8.88 8.88	7.18 5.38 0.61 0.59 0.64 20.96 18.86 0.61 0.59 0.64	A 128	0.12									
15118+0214	1	F CA	A 74364 B 74364	10.818 12.602	0.012 0.056						227.957 496 18 +2.233 721 59 227.957 568 98 +2.233 841 17	-2.00 -2.00	-13.95 -13.95	14.38 14.38	3.05 2.37 3.15 3.21 2.75 19.95 17.14 3.15 3.21 2.75	A 31	0.50									
15118+6151	1	I CA	A 74370 B 74368	8.159 8.991	0.029 0.046	8.687 0.011 9.573 0.018	8.093 0.010 8.813 0.015				227.960 673 65 +61.856 790 89 227.959 571 01 +61.861 221 81	14.86 15.32	-162.57 -153.96	99.13 98.81	2.80 2.83 2.56 2.63 2.84 9.99 10.35 5.18 7.60 6.95	A 353.31	16.06	+0.03	0.00							
15119-4844	1	I CA	A 74376 B 74380	3.852 5.749	0.017 0.072	3.811 0.003 5.846 0.005	3.846 0.003 5.657 0.004				227.984 004 34 -48.737 702 12 227.990 687 61 -48.743 576 42	17.89 16.89	-96.52 -98.31	-47.97 -45.39	28.94 30.59 1.26 1.13 1.24 8.82 7.84 5.08 5.87 5.67	A 143.12	26.44	0.00	0.00							
15121+1859	1	F CB	A 74386 B 74386	6.016 8.158	0.013 0.053						228.017 802 23 +18.976 003 52 228.017 891 42 +18.975 911 75	3.93 3.93	-16.41 -16.41	11.38 11.38	1.85 1.31 1.45 1.94 1.39 16.58 9.81 1.45 1.94 1.39	A 137	0.45									
15121-4501	1	F CA	A 74387 B 74387	7.974 11.163	0.004 0.078	7.968 0.010 11.163 0.078	7.919 0.011				228.018 016 25 -45.012 564 54 228.018 859 76 -45.013 199 58	3.70 3.70	-0.93 -0.93	-5.45 -5.45	0.93 0.90 1.15 1.02 1.21 18.64 14.79 1.15 1.02 1.21	A 136.8	3.14									
15126+1523	1	F CA	A 74420 B 74420	9.837 10.052	0.021 0.026	9.993 0.029 10.266 0.047	9.422 0.030 9.611 0.032				228.138 981 08 +15.376 194 62 228.138 417 14 +15.375 786 18	10.27 10.27	-3.35 -3.35	-9.67 -9.67	4.18 2.66 4.30 4.17 4.30 11.65 4.88 4.30 4.17 4.30	A 233.1	2.45									
15126-4954	1	F CA	A 74426 B 74426	9.456 11.504	0.009 0.058	10.108 0.029 11.504 0.058	9.313 0.023				228.161 872 60 -49.895 924 71 228.161 193 13 -49.895 713 18	11.00 11.00	92.19 92.19	32.72 32.72	1.80 1.67 2.05 1.95 1.98 17.88 13.34 2.05 1.95 1.98	A 295.8	1.75									
15127+1917	1	I CA	A 74432 B 74434	6.829 7.729	0.010 0.017	7.487 0.007 8.397 0.012	6.716 0.007 7.555 0.010				228.182 703 88 +19.285 326 29 228.183 928 88 +19.291 746 70	35.14 27.79	-595.31 -589.29	288.53 282.27	2.53 1.66 1.91 2.97 2.21 8.38 5.36 4.98 7.01 5.65	A 10.21	23.49	+0.02	-0.01							
15127+4835	1	F CA	A 74433 C 74433	7.373 10.804	0.004 0.084						228.182 317 30 +48.580 672 64 228.182 076 13 +48.580 804 82	6.98 6.98	-19.89 -19.89	43.55 43.55	0.72 0.67 0.75 0.79 0.74 17.88 17.40 0.75 0.79 0.74	A 310	0.75									
15127+6008	1	F CA	A 74428 B 74428	9.449 9.916	0.030 0.046						228.169 254 07 +60.134 682 65 228.169 198 57 +60.134 745 54	4.91 4.91	-18.99 -18.99	3.34 3.34	2.71 3.64 0.98 0.98 1.26 5.16 5.60 0.98 0.98 1.26	A 336	0.247									
15128-5202	1	F CA	A 74447 B 74447	7.670 8.902	0.004 0.012	7.581 0.018 8.902 0.012	7.589 0.018				228.205 758 96 -52.029 094 86 228.205 203 64 -52.029 571 60	4.42 4.42	-8.00 -8.00	-7.47 -7.47	1.09 0.96 1.27 1.11 1.20 3.46 3.36 1.27 1.11 1.20	A 215.6	2.112									
15128-6024	1	F CA	A 74438 B 74438	7.669 10.761	0.006 0.106	8.089 0.010 11.620 0.166	7.594 0.010 10.524 0.100				228.189 774 93 -60.393 501 76 228.191 920 80 -60.391 726 84	10.70 10.70	-6.98 -6.98	-27.74 -27.74	1.18 1.02 1.40 1.10 1.12 28.07 25.34 1.40 1.10 1.12	A 30.9	7.44									
15130+5603	1	F CA	A 74458 B 74458	7.585 11.264	0.004 0.107	7.745 0.007 11.264 0.107	7.528 0.008				228.241 330 43 +56.046 440 26 228.239 782 54 +56.046 042 29	9.15 9.15	-13.39 -13.39	-1.49 -1.49	0.68 0.66 0.72 0.64 0.68 19.58 23.57 0.72 0.64 0.68	A 245.3	3.43									
15130-3045	1	F CB	A 74469 B 74469	9.136 11.582	0.038 0.361						228.252 710 31 -30.748 123 76 228.252 627 66 -30.748 074 96	8.49 8.49	-83.12 -83.12	-35.04 -35.04	5.74 4.20 1.90 1.89 1.70 43.56 32.09 1.90 1.89 1.70	A 304	0.31									
15130-3715	1	F CA	A 74468 B 74468	8.119 8.151	0.007 0.007	8.369 0.010 8.289 0.010	7.998 0.011 8.085 0.011				228.254 518 70 -37.246 617 67 228.252 861 50 -37.247 827 50	9.97 9.97	-17.61 -17.61	-21.22 -21.22	1.76 1.23 1.76 1.73 1.74 3.32 2.06 1.76 1.73 1.74	A 227.48	6.444									
15131-3958	1	F ND	A 74473 B 74473	10.017 13.398	0.012 0.266						228.265 675 45 -39.962 254 95 228.265 890 74 -39.962 319 37	1.51 1.51	-19.02 -19.02	2.99 2.99	2.22 1.43 2.23 1.72 1.85 87.69 58.34 2.23 1.72 1.85	A 111	0.64									



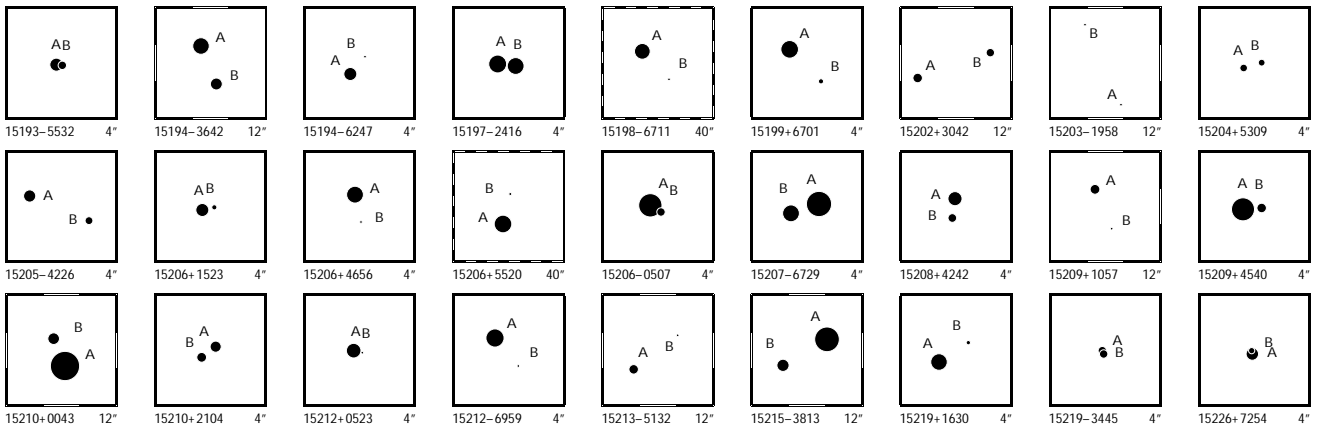
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15133-2015	1	FCA	A 74492 B 74492	9.444 0.013 11.055 0.057				228.323 379 03 228.323 217 13	-20.254 189 47 -20.254 161 08	10.79 10.79	21.59 -60.88 21.59 -60.88	2.84 1.74 2.52 2.45 1.95 13.14 8.80 2.52 2.45 1.95	A 281	0.56												
15135+5816	1	FCB	A 74504 B 74504	9.664 0.006 12.893 0.109				228.381 156 22 228.381 449 89	+58.267 446 12 +58.267 325 15	3.10 3.10	-10.82 24.59 -10.82 24.59	1.15 1.09 1.15 1.27 1.24 26.62 27.80 1.15 1.27 1.24	A 128	0.71												
15138+1427	1	FCA	A 74532 B 74532	9.075 0.006 10.180 0.015	9.564 0.015 10.532 0.030	8.968 0.013 9.916 0.028		228.446 614 62 228.446 896 15	+14.448 456 05 +14.449 767 82	6.34 6.34	-53.78 -14.15 -53.78 -14.15	1.65 1.20 2.20 1.89 2.17 6.13 4.33 2.20 1.89 2.17	A	11.7	4.823											
15140-4128	1	ICA	A 74549 B 74550	8.605 0.022 8.880 0.025				228.495 777 49 228.496 481 97	-41.462 389 99 -41.457 730 11	16.58 18.14	-270.86 -238.91 -280.42 -242.15	4.34 3.19 3.96 5.98 4.58 10.83 8.54 5.55 10.01 8.04	A	6.46	16.88	-0.03	0.00									
15140-6121	1	FCA	A 74552 B 74552	6.731 0.003 7.690 0.007				228.496 633 05 228.496 449 88	-61.342 926 66 -61.342 699 45	3.93 3.93	-7.13 -20.76 -7.13 -20.76	0.79 0.71 0.91 0.83 0.78 2.90 1.83 0.91 0.83 0.78	A 338.9	0.877												
15141+5235	1	FCA	A 74563 B 74563	10.156 0.007 12.089 0.038	10.447 0.031	10.040 0.034		228.529 686 96 228.530 403 77	+52.588 499 28 +52.588 120 94	4.32 4.32	-5.69 2.22 -5.69 2.22	1.46 1.34 1.51 1.66 1.55 12.06 12.36 1.51 1.66 1.55	A	131.0	2.08											
15142-3830	1	FCA	A 74570 B 74570	7.449 0.004 8.513 0.011				228.541 234 23 228.541 459 30	-38.491 983 58 -38.491 913 10	6.56 6.56	-27.07 -18.01 -27.07 -18.01	1.50 1.03 1.47 1.54 1.18 5.42 4.38 1.47 1.54 1.18	A	65	0.697											
15142-4032	1	FCB	A 74575 B 74575	8.944 0.067 11.677 0.825				228.561 402 03 228.561 379 60	-40.539 747 38 -40.539 803 37	2.49 2.49	-23.67 21.70 -23.67 21.70	3.36 8.41 1.49 1.44 1.25 44.98 63.52 1.49 1.44 1.25	A	197	0.21											
15147-5949	1	ICA	A 74609 B 74606	7.589 0.007 9.610 0.044	9.290 0.018 10.740 0.061	7.582 0.009 9.582 0.036		228.666 293 90 228.659 889 75	-59.820 449 95 -59.819 413 69	3.93 3.98	-15.72 -16.71 -29.79 -19.06	1.55 1.48 1.65 1.77 1.75 14.40 12.77 7.61 11.73 11.70	A	287.8	12.18	0.0	+0.01									
15148-0439	1	FCA	A 74619 B 74619	9.471 0.009 10.970 0.033	10.036 0.037	9.406 0.033		228.694 699 76 228.693 357 47	-4.652 057 30 -4.651 631 92	0.86 0.86	10.97 1.88 10.97 1.88	2.23 1.77 2.50 2.51 1.96 13.17 10.01 2.50 2.51 1.96	A	287.6	5.05											
15149+3818	1	FCA	A 74631 B 74631	7.405 0.004 9.109 0.020				228.735 822 48 228.735 680 79	+38.301 003 57 +38.300 939 69	7.90 7.90	-32.35 44.41 -32.35 44.41	0.90 0.92 0.93 0.77 0.88 4.32 5.09 0.93 0.77 0.88	A	240	0.462											
15149-5749	1	FCA	A 74629 B 74629	9.732 0.007 12.137 0.058	9.816 0.021	9.713 0.028		228.730 230 39 228.729 041 72	-57.817 955 22 -57.816 550 96	3.68 3.68	-6.31 -4.39 -6.31 -4.39	1.54 1.50 1.94 2.10 1.96 20.69 15.84 1.94 2.10 1.96	A	335.7	5.55											
15149-6609	1	FCA	A 74630 B 74630	8.555 0.118 8.854 0.155				228.733 973 82 228.733 935 30	-66.157 223 88 -66.157 186 10	3.76 3.76	-15.21 -20.16 -15.21 -20.16	5.42 9.07 0.85 0.46 0.75 6.21 9.09 0.85 0.46 0.75	A	338	0.15											
15150-5951	1	FCB	A 74634 B 74634	11.806 0.066 12.856 0.172				228.740 510 37 228.740 564 65	-59.841 723 68 -59.841 617 00	4.52 4.52	-3.58 -11.72 -3.58 -11.72	5.53 6.89 6.11 4.87 5.62 27.50 33.06 6.11 4.87 5.62	A	14	0.40											
15151+3650	1	LCA	A 74643 B 74643	8.748 0.005 9.817 0.013				228.763 473 20 228.763 593 07	+36.830 226 47 +36.830 106 63	8.28 8.28	20.41 0.40 8.42 6.19	1.29 1.38 1.46 1.09 1.14 4.22 4.25 1.46 2.89 3.00	A	141.3	0.553	+0.6	-0.012									
15152+0456	1	FCA	A 74649 B 74649	5.610 0.048 7.897 0.391				228.797 364 35 228.797 328 40	+4.939 355 21 +4.939 328 05	6.98 6.98	-23.06 3.91 -23.06 3.91	2.27 5.19 0.95 1.10 0.65 42.96 54.23 0.95 1.10 0.65	A	233	0.16											
15152-0253	1	FCA	A 74648 B 74648	10.774 0.015 11.732 0.036				228.797 152 05 228.797 175 07	-2.886 786 17 -2.887 064 31	6.13 6.13	-2.97 -10.22 -2.97 -10.22	4.32 2.61 4.17 4.58 2.78 13.53 9.06 4.17 4.58 2.78	A	175	1.00											
15153-2523	1	FCA	A 74655 B 74655	9.205 0.073 10.298 0.199				228.820 273 77 228.820 287 62	-25.389 496 17 -25.389 547 70	1.73 1.73	-14.27 -6.86 -14.27 -6.86	9.96 6.75 1.49 1.53 1.35 28.28 17.97 1.49 1.53 1.35	A	166	0.19											
15153-4409	1	FCA	A 74657 B 74657	6.727 0.005 9.711 0.067	6.638 0.005 10.244 0.039	6.718 0.006 9.642 0.036		228.831 911 54 228.835 349 04	-44.149 443 03 -44.146 468 70	7.57 7.57	-19.12 -21.58 -19.12 -21.58	0.77 0.77 0.92 0.85 1.00 17.68 17.51 0.92 0.85 1.00	A	39.7	13.91											
15154-5904	1	FNC G	A 74660 B 74660 C 74660 D 74660	8.246 0.023 10.528 0.129 11.583 0.387	9.274 0.023	8.282 0.017		228.850 390 40 228.849 075 72 228.843 098 08	-59.074 796 71 -59.071 401 67 -59.075 207 55	-0.84 -0.84 -0.84	-10.68 -4.96 -10.68 -4.96 -10.68 -4.96	1.99 1.62 1.95 2.73 2.30 21.19 20.03 1.95 2.73 2.30 68.89 55.70 1.95 2.73 2.30	A	348.7	12.46											
15155+2233	1	FCB	A 74662 B 74662	8.615 0.012 11.926 0.258	9.166 0.013	8.520 0.011		228.863 684 90 228.862 857 90	+22.549 137 03 +22.552 102 66	16.18 16.18	-108.47 56.33 -108.47 56.33	2.04 2.16 2.82 2.41 2.73 74.42 74.18 2.82 2.41 2.73	A	345.6	11.02											
15157-2736	1	LCA	A 74675 B 74675	7.283 0.007 8.155 0.016				228.914 110 20 228.914 219 32	-27.596 314 85 -27.596 368 66	7.42 7.42	-24.60 10.90 -29.76 21.99	1.76 1.20 1.36 1.42 1.04 4.55 2.69 1.36 3.45 2.16	A	119.1	0.398	-1.0	-0.010									
15158-5701	1	FCA	A 74688 B 74688	8.616 0.007 11.328 0.085	10.149 0.028	8.590 0.014		228.953 215 61 228.953 615 77	-57.013 931 79 -57.015 853 33	7.41 7.41	-14.78 -18.46 -14.78 -18.46	1.27 1.36 1.84 1.81 1.66 20.21 20.15 1.84 1.81 1.66	A	173.5	6.96											
15159-3700	1	FCA	A 74691 B 74691	8.066 0.004 11.106 0.057	8.418 0.014 11.611 0.149	7.999 0.011 10.447 0.078		228.969 749 67 228.971 143 57	-36.998 754 79 -36.997 694 02	12.77 12.77	-27.40 -57.01 -27.40 -57.01	1.13 0.84 1.22 1.18 1.14 16.77 13.92 1.22 1.18 1.14	A	46.4	5.54											
15159-5617	1	FCA	A 74698 B 74698	8.500 0.007 9.332 0.014	8.735 0.016 9.545 0.028	8.404 0.017 9.102 0.029		228.983 957 44 228.986 040 90	-56.284 555 96 -56.283 588 55	10.10 10.10	-1.88 -44.91 -1.88 -44.91	1.79 1.55 2.28 1.84 1.94 6.16 3.96 2.28 1.84 1.94	A	50.1	5.43											
15160-0454	1	FCA	A 74703 B 74703	7.926 0.006 8.328 0.008				229.006 485 03 229.006 363 96	-4.897 869 05 -4.897 972 79	16.48 16.48	27.21 -26.84 27.21 -26.84	2.98 1.70 2.61 3.43 1.93 4.54 3.21 2.61 3.43 1.93	A	229	0.573											
15160-7025	1	FCA	A 74701 B 74701	7.313 0.082 7.921 0.144				228.993 902 73 228.993 851 09	-70.413 554 92 -70.413 600 82	8.29 8.29	-13.36 -45.65 -13.36 -45.65	3.60 7.42 0.70 0.47 0.68 5.53 9.90 0.70 0.47 0.68	A	201	0.18											



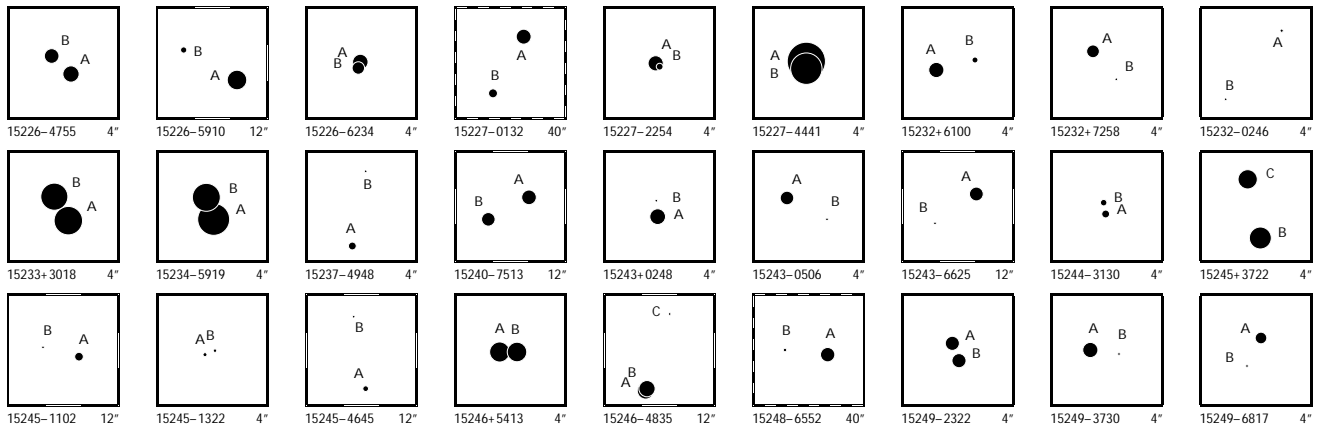
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	σ	σ	σ	α	δ	μ_{α^*}		μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15161-4129	1	L CA	A 74707 B 74707	5.554 0.006 6.924 0.019							229.016 787 31 229.016 837 90	-41.491 157 53 -41.491 092 49	2.54 2.54	-9.46 -13.64	-3.56 -9.50	1.34 1.26 0.73 0.88 0.80 4.66 4.18 0.73 2.28 2.32	A 30	0.271	0	-0.007					
15164+1648	1	F CA	A 74734 B 74734	7.818 0.004 11.447 0.114	8.388 0.009	7.741 0.007					229.106 806 75 229.105 350 47	+16.794 685 50 +16.795 263 32	23.18 23.18	-18.13 -18.13	-168.63 -168.63	1.07 0.82 1.25 1.17 1.14 29.08 28.16 1.25 1.17 1.14	A 292.5	5.43							
15166-6054	1	F CA	A 74750 B 74750	5.780 0.004 8.642 0.049	5.619 0.004	5.742 0.004					229.152 893 66 229.153 098 14	-60.903 986 60 -60.904 306 05	1.70 1.70	-1.55 -1.55	-4.09 -4.09	0.75 0.67 0.89 0.73 0.74 16.62 15.66 0.89 0.73 0.74	A 163	1.20							
15169-0817	1	F CA	A 74771 B 74771	8.207 0.006 9.850 0.024	8.918 0.022	8.126 0.018					229.221 130 88 229.221 600 49	-8.285 016 26 -8.283 416 24	26.34 26.34	-100.38 -100.38	-224.79 -224.79	2.06 1.53 2.35 3.14 2.13 10.30 8.47 2.35 3.14 2.13	A 16.2	6.00							
15170-1535	1	F CC	A 74786 B 74786	8.689 0.009 12.159 0.204	8.858 0.015	8.630 0.017					229.256 542 62 229.254 021 52	-15.577 377 28 -15.575 774 36	5.66 5.66	2.62 2.62	2.88 2.88	1.89 1.46 2.14 2.15 2.15 70.36 38.29 2.14 2.15 2.15	A 303.4	10.48							
15170-6107	1	F CA	A 74784 B 74784	8.291 0.006 9.791 0.022	8.185 0.020	8.269 0.027					229.249 605 43 229.253 989 03	-61.120 589 53 -61.120 011 94	0.72 0.72	-1.97 -1.97	-3.87 -3.87	1.36 1.16 1.55 1.55 1.42 6.31 6.38 1.55 1.55 1.42	A 74.74	7.90							
15171-5031	1	F CA	A 74791 B 74791	10.271 0.063 11.013 0.125							229.269 677 84 229.269 654 41	-50.511 490 63 -50.511 556 41	-1.01 -1.01	-16.61 -16.61	-7.57 -7.57	3.23 7.36 1.93 1.60 1.81 8.58 14.80 1.93 1.60 1.81	A 193	0.24							
15172-3435	1	F CB	A 74797 B 74797	8.050 0.012 10.887 0.139	8.224 0.009	8.009 0.011					229.294 675 62 229.295 221 94	-34.577 019 76 -34.572 041 97	6.97 6.97	-23.87 -23.87	-23.10 -23.10	1.30 0.92 1.41 1.28 1.21 41.91 29.21 1.41 1.28 1.21	A 5.2	17.99							
15173+0923	1	F CA	A 74814 B 74814	8.857 0.009 10.010 0.026							229.337 096 44 229.337 079 55	+9.379 724 31 +9.380 000 96	6.06 6.06	-8.26 -8.26	-6.41 -6.41	2.27 1.24 2.02 3.20 1.66 8.46 4.58 2.02 3.20 1.66	A 356.6	0.998							
15173+4347	1	L CA	A 74817 B 74817	9.529 0.009 9.686 0.011	10.731 0.050 10.679 0.043	9.441 0.027 9.535 0.026					229.343 757 43 229.344 689 37	+43.793 585 77 +43.796 035 17	3.59 3.59	1.59 -2.72	-23.77 8.61	2.21 2.25 2.20 2.05 1.76 4.25 4.17 2.20 3.27 2.94	A 15.36	9.144	-0.08	+0.030					
15174-5414	1	F CA	A 74820 B 74820	8.474 0.007 9.750 0.019	8.394 0.014	8.397 0.018 11.210 0.960					229.355 839 26 229.356 774 14	-54.237 375 74 -54.238 077 26	0.74 0.74	-2.71 -2.71	-6.89 -6.89	1.52 1.79 2.14 1.95 1.86 6.47 5.70 2.14 1.95 1.86	A 142.1	3.20							
15175-2847	1	F CA	A 74823 B 74823	10.250 0.146 11.682 0.544							229.371 215 70 229.371 165 87	-28.776 167 82 -28.776 205 31	3.88 3.88	5.98 5.98	-26.83 -26.83	12.69 12.35 2.55 2.86 1.79 50.03 37.83 2.55 2.86 1.79	A 229	0.21							
15176-5537	1	F CA	A 74829 B 74829	8.947 0.011 9.653 0.020	8.901 0.020 9.573 0.036	8.881 0.026 9.537 0.049					229.392 559 86 229.394 381 40	-55.618 322 91 -55.619 579 74	2.39 2.39	-5.16 -5.16	-5.90 -5.90	1.94 2.06 2.55 1.93 2.21 6.94 5.17 2.55 1.93 2.21	A 140.7	5.85							
15177-1712	1	F CA	A 74838 B 74838	9.420 0.041 10.460 0.090	9.834 0.029 11.130 0.081	9.308 0.028 10.455 0.071					229.414 930 38 229.413 549 21	-17.197 006 95 -17.202 636 21	2.89 2.89	15.73 15.73	-38.45 -38.45	2.26 2.17 2.97 2.97 2.82 28.25 20.46 2.97 2.97 2.82	A 193.2	20.81							
15177-3848	1	F CA	A 74843 B 74843	8.807 0.007 11.863 0.116	9.283 0.017	8.747 0.016					229.422 834 71 229.422 940 89	-38.792 718 29 -38.792 896 98	9.05 9.05	-37.57 -37.57	-8.92 -8.92	1.40 0.98 1.44 1.41 1.28 22.17 12.37 1.44 1.41 1.28	A 101.7	3.17							
15180-6835	1	F CA	A 74869 B 74869	8.226 0.005 9.276 0.012	7.980 0.013	8.056 0.016					229.501 063 89 229.501 129 99	-68.581 538 89 -68.581 080 46	2.30 2.30	-5.64 -5.64	-4.24 -4.24	0.89 1.08 1.34 0.96 1.26 3.34 4.48 1.34 0.96 1.26	A 3.0	1.653							
15181-7018	1	F CA	A 74874 B 74874	8.752 0.211 9.146 0.303							229.533 894 90 229.534 011 30	-70.292 100 00 -70.292 108 40	1.88 1.88	-3.53 -3.53	-16.03 -16.03	15.60 9.73 0.97 0.67 0.99 18.19 13.58 0.97 0.67 0.99	A 102	0.14							
15182-6022	1	F CA	A 74883 B 74883	9.262 0.009 10.207 0.021	9.276 0.051	9.136 0.065					229.557 177 54 229.556 515 15	-60.364 636 83 -60.363 742 86	1.75 1.75	-4.30 -4.30	-5.08 -5.08	2.14 1.95 2.85 2.24 2.33 6.21 6.82 2.85 2.24 2.33	A 339.9	3.43							
15183+2500	1	F CB	A 74891 B 74891	10.323 0.029 12.051 0.131	11.453 0.063	10.240 0.037					229.580 310 15 229.575 476 64	+24.997 204 74 +24.995 394 22	20.17 20.17	-132.46 -132.46	7.15 7.15	3.82 3.61 4.73 3.96 4.53 67.14 47.33 4.73 3.96 4.53	A 247.5	17.06							
15183+2650	1	L CA	A 74893 B 74893	7.425 0.005 7.476 0.006	7.558 0.067	7.013 0.068					229.584 140 01 229.583 678 03	+26.840 195 51 +26.840 090 69	26.10 26.10	94.41 82.85	73.55 82.26	1.33 1.15 1.27 1.35 1.17 1.99 2.02 1.27 2.20 2.63	A 255.7	1.531	+0.4	+0.009					
15184+0056	1	F CC	A 74895 B 74895	6.682 0.003 10.876 0.157	8.137 0.012	6.654 0.007					229.594 242 44 229.595 065 29	+0.939 451 88 +0.939 422 40	7.55 7.55	35.04 35.04	-17.46 -17.46	1.16 0.91 1.50 1.14 1.09 70.43 31.72 1.50 1.14 1.09	A 92	2.96							
15185-4753	1	L NC	A 74911 B 74911 C 74915	4.923 0.029 5.053 0.029 7.052 0.286	6.902 0.010	6.771 0.011					229.633 535 86 229.633 189 95 229.640 848 75	-47.875 192 01 -47.874 992 95 -47.879 132 91	11.22 11.22 11.22	-31.74 -27.63 -21.88	-32.82 -45.66 -59.61	3.14 2.74 0.96 2.09 1.98 1.09 1.01 0.96 1.15 1.20 56.99 51.91 0.96 38.90 37.61	B 310.6 B 128.8	1.101 22.65	-0.4 0.0	-0.011 +0.02					
15186-4612	1	F CA	A 74919 B 74919	8.758 0.005 9.957 0.015							229.648 665 85 229.648 783 85	-46.201 913 47 -46.201 810 66	6.22 6.22	-36.44 -36.44	-21.62 -21.62	1.58 1.46 1.67 1.47 1.56 5.30 5.36 1.67 1.47 1.56	A 38	0.473							
15186-7828	1	L CA	A 74917 S 74917	7.560 0.004 8.275 0.007							229.646 351 38 229.646 976 45	-78.472 196 72 -78.472 221 23	9.61 9.61	21.37 17.03	-9.05 1.21	1.06 1.13 0.98 0.79 1.04 2.59 3.12 0.98 1.56 2.11	A 101.1	0.458	-1.2	-0.006					
15187+1026	1	I CA	A 74930 B 74931	7.217 0.010 8.220 0.023	7.701 0.008 8.759 0.014	7.181 0.006 8.070 0.013					229.674 936 96 229.675 760 44	+10.427 682 38 +10.424 076 53	21.07 26.53	-102.99 -100.76	15.01 4.41	2.94 1.67 2.35 3.93 2.14 10.58 6.03 6.72 8.50 5.83	A 167.34	13.30	0.00	+0.01					
15188+3627	1	F ND	A 74937 B 74937	9.978 0.013 13.277 0.269	10.298 0.027	9.858 0.028					229.697 480 41 229.697 185 83	+36.448 463 70 +36.448 243 19	2.02 2.02	8.80 8.80	0.10 0.10	1.41 1.61 1.93 1.61 1.91 56.58 62.22 1.93 1.61 1.91	A 227	1.17							
15192+4329	1	F CA	A 74971 B 74971	10.121 0.007 10.741 0.012							229.805 005 93 229.804 726 50	+43.481 316 59 +43.481 237 06	0.89 0.89	-4.37 -4.37	8.73 8.73	2.40 1.91 2.23 2.49 1.94 5.06 5.69 2.23 2.49 1.94	A 248.6	0.784							



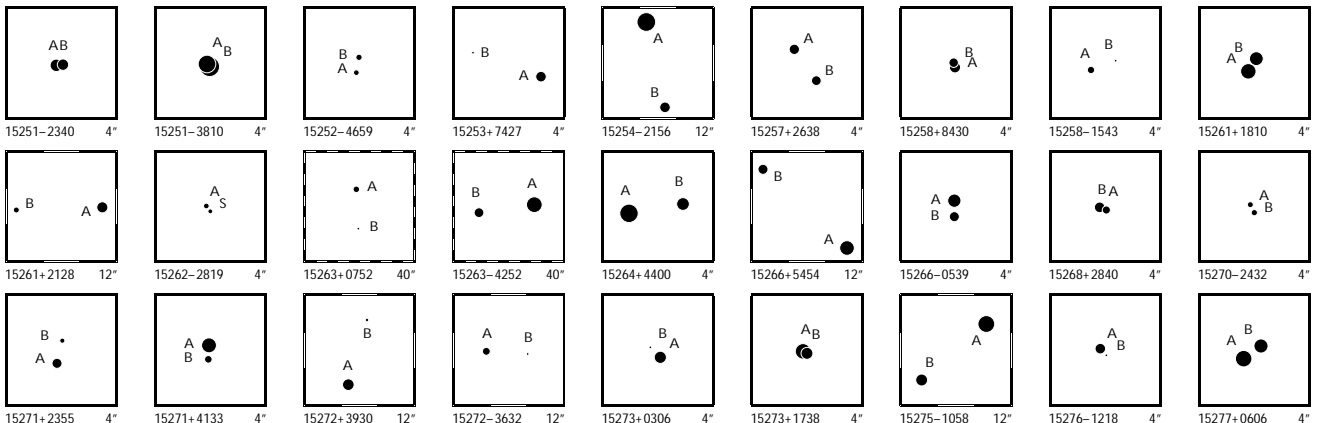
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15193-5532	1	F CA	A 74974 B 74974	9.103 0.046 10.117 0.118				229.817 603 68 229.817 488 90	-55.528 464 59 -55.528 470 69	1.92 1.92	-5.92 -5.33 -5.92 -5.33	5.92 4.47 1.83 1.53 1.67 12.89 13.09 1.83 1.53 1.67	A 265 0.23													
15194-3642	1	F CA	A 74984 B 74984	8.310 0.004 9.357 0.010	8.487 0.014 9.656 0.037	8.170 0.015 9.108 0.034		229.843 426 94 229.842 856 83	-36.697 663 27 -36.698 818 61	6.55 6.55	30.44 -10.40 30.44 -10.40	1.39 1.03 1.47 1.52 1.44 5.14 3.21 1.47 1.52 1.44	A 201.6 4.473													
15194-6247	1	F CA	A 74986 B 74986	9.120 0.007 12.230 0.113				229.844 342 78 229.843 992 54	-62.790 160 76 -62.789 978 99	4.16 4.16	-33.77 -9.10 -33.77 -9.10	1.34 1.84 2.12 1.51 2.17 27.16 54.71 2.12 1.51 2.17	A 319 0.87													
15197-2416	1	L CA	A 75012 B 75012	8.015 0.006 8.281 0.010				229.918 345 08 229.918 148 19	-24.269 924 90 -24.269 943 56	11.51 11.51	-36.55 -17.84 -37.55 -24.03	3.50 2.18 3.36 3.81 2.22 4.43 3.72 3.36 4.00 2.66	A 264.1 0.650 -0.5 +0.002													
15198-6711	1	F NB	A 75020 B 75017	8.525 0.008 11.401 0.133	8.539 0.007 11.240 0.064	8.503 0.009 11.086 0.096		229.941 781 80 229.934 619 40	-67.190 770 01 -67.193 621 16	-1.65 -1.65	-1.93 -7.20 -1.93 -7.20	1.49 1.79 2.15 1.35 2.02 33.45 42.29 2.15 1.35 2.02	A 224.2 14.33													
15199+6701	1	F CA	A 75031 B 75031	8.111 0.004 10.889 0.048	8.364 0.009	8.032 0.009		229.971 659 37 229.970 831 34	+67.015 606 64 +67.015 275 41	6.43 6.43	15.81 0.78 15.81 0.78	0.74 0.79 0.74 0.71 0.88 8.98 8.32 0.74 0.71 0.88	A 224.3 1.67													
15202+3042	1	F CB	A 75057 B 75057	9.898 0.014 10.162 0.017	10.341 0.019 10.594 0.023	9.837 0.019 10.091 0.023		230.055 316 77 230.052 696 64	+30.695 633 22 +30.696 421 00	2.27 2.27	-8.41 -8.46 -8.41 -8.46	5.73 8.46 5.92 4.81 8.18 9.43 11.54 5.92 4.81 8.18	A 289.3 8.59													
15203-1958	1	F CC	A 75062 B 75062	11.416 0.043 13.274 0.236				230.085 524 41 230.086 690 87	-19.975 597 06 -19.973 124 21	20.70 20.70	-179.80 121.59 -179.80 121.59	5.60 4.18 5.85 5.25 4.98 71.60 51.59 5.85 5.25 4.98	A 23.9 9.74													
15204+5309	1	F CA	A 75065 B 75065	10.316 0.009 10.525 0.010				230.092 298 55 230.091 995 42	+53.147 887 38 +53.147 947 31	10.45 10.45	-46.81 -0.02 -46.81 -0.02	4.23 2.66 3.05 4.42 3.12 6.42 4.59 3.05 4.42 3.12	A 288.2 0.689													
15205-4226	1	F CA	A 75072 B 75072	9.321 0.010 10.242 0.024	9.494 0.029 10.073 0.035	9.176 0.028 9.663 0.044		230.118 104 51 230.117 275 21	-42.437 202 52 -42.437 451 51	3.77 3.77	-8.56 -19.33 -8.56 -19.33	1.98 1.61 2.11 2.18 1.90 8.42 6.60 2.11 2.18 1.90	A 247.9 2.38													
15206+1523	1	L CA	A 75090 B 75090	9.144 0.009 10.887 0.042				230.163 468 65 230.163 336 85	+15.380 755 10 +15.380 787 54	32.69 32.69	-460.14 -196.84 -423.23 -178.04	2.18 1.50 2.02 1.68 1.65 10.80 9.09 2.02 6.13 7.40	A 284 0.47 +3 -0.03													
15206+4656	1	F CA	A 75086 B 75086	8.294 0.007 11.796 0.160	9.441 0.016	8.194 0.010		230.155 953 41 230.155 870 87	+46.925 728 55 +46.925 447 44	3.26 3.26	2.51 -15.12 2.51 -15.12	1.02 1.01 1.08 1.28 1.15 26.50 32.38 1.08 1.28 1.15	A 191 1.03													
15206+5520	1	F CB	A 75088 B 75088	8.118 0.005 11.321 0.095	8.592 0.021 11.731 0.130	8.077 0.020 10.781 0.086		230.158 763 76 230.157 613 57	+55.325 167 33 +55.328 216 10	11.27 11.27	2.09 28.50 2.09 28.50	1.01 1.03 1.07 0.94 1.03 40.34 36.69 1.07 0.94 1.03	A 347.9 11.23													
15206-0507	1	F CA	A 75084 B 75084	6.813 0.004 10.118 0.090				230.152 021 33 230.151 912 94	-5.119 743 65 -5.119 810 26	6.59 6.59	33.46 0.56 33.46 0.56	1.78 1.40 1.53 1.41 1.13 36.27 40.16 1.53 1.41 1.13	A 238 0.46													
15207-6729	1	F CA	A 75091 B 75091	6.435 0.003 8.262 0.015	6.184 0.003	6.307 0.004		230.168 997 93 230.169 751 58	-67.481 501 32 -67.481 591 95	2.60 2.60	-6.32 -10.16 -6.32 -10.16	0.49 0.59 0.79 0.50 0.70 3.35 3.43 0.79 0.50 0.70	A 107.4 1.089													
15208+4242	1	F CA	A 75103 B 75103	8.883 0.005 10.078 0.016				230.200 996 71 230.201 034 77	+42.701 928 79 +42.701 731 83	5.69 5.69	3.58 37.58 3.58 37.58	1.23 1.45 1.49 1.39 1.52 5.37 4.64 1.49 1.39 1.52	A 171.9 0.716													
15209+1057	1	F NC	A 75105 B 75105	9.821 0.015 13.547 0.449	10.347 0.038	9.783 0.036		230.215 766 74 230.215 267 02	+10.942 013 25 +10.940 795 02	8.49 8.49	-50.40 -46.84 -50.40 -46.84	2.74 1.69 2.70 3.01 2.29 125.07 87.83 2.70 3.01 2.29	A 202 4.73													
15209+4540	1	F CA	A 75107 B 75107	6.905 0.002 9.908 0.033				230.220 353 70 230.220 088 66	+45.664 934 06 +45.664 942 65	7.35 7.35	44.21 -25.63 44.21 -25.63	0.58 0.62 0.66 0.58 0.64 7.15 10.97 0.66 0.58 0.64	A 273 0.67													
15210+0043	1	F CA	A 75119 B 75119	5.543 0.003 9.422 0.095	6.952 0.006 9.603 0.071	5.512 0.005 8.779 0.060		230.258 420 01 230.258 748 25	+0.715 589 81 +0.716 433 51	13.38 13.38	-42.48 -104.14 -42.48 -104.14	0.80 0.62 0.86 0.96 0.78 28.25 18.14 0.86 0.96 0.78	A 21.3 3.26													
15210+2104	1	F CA	A 75117 B 75117	9.555 0.007 9.838 0.010				230.248 573 72 230.248 724 92	+21.068 189 37 +21.068 078 26	6.79 6.79	-40.76 94.22 -40.76 94.22	2.43 2.92 3.63 2.88 3.97 3.47 4.19 3.63 2.88 3.97	A 128.2 0.647													
15212+0523	1	F CB	A 75133 B 75133	8.760 0.018 11.371 0.195				230.303 955 10 230.303 860 12	+5.382 900 44 +5.382 881 67	13.26 13.26	-187.70 26.59 -187.70 26.59	3.67 2.46 2.28 3.00 1.83 39.14 32.78 2.28 3.00 1.83	A 259 0.35													
15212-6959	1	F ND	A 75130 B 75130	8.004 0.006 11.814 0.183	9.719 0.017	8.001 0.008		230.288 439 36 230.287 736 46	-69.988 121 05 -69.988 406 48	2.05 2.05	8.52 12.09 8.52 12.09	0.85 1.11 1.22 0.93 1.35 37.66 52.51 1.22 0.93 1.35	A 220 1.34													
15213-5132	1	F CA	A 75138 B 75138	9.891 0.013 11.649 0.065	10.507 0.040	9.749 0.033		230.330 995 23 230.328 834 13	-51.532 697 74 -51.531 669 60	10.38 10.38	-83.98 -34.43 -83.98 -34.43	2.29 1.94 2.81 2.42 2.35 14.29 16.22 2.81 2.42 2.35	A 307.4 6.09													
15215-3813	1	F CA	A 75151 B 75151	6.539 0.003 9.306 0.038	6.464 0.005	6.532 0.007		230.375 440 28 230.377 182 31	-38.218 639 28 -38.219 446 74	8.10 8.10	-18.40 -21.82 -18.40 -21.82	1.12 0.78 1.12 1.14 1.05 14.57 11.79 1.12 1.14 1.05	A 120.5 5.72													
15219+1630	1	F CA	A 75189 B 75189	8.311 0.005 11.054 0.056	8.699 0.009	8.208 0.009		230.478 776 19 230.478 461 36	+16.502 217 21 +16.502 415 81	12.28 12.28	16.82 13.71 16.82 13.71	1.39 1.07 1.45 1.48 1.30 18.97 19.21 1.45 1.48 1.30	A 303 1.30													
15219-3445	1	F CB	A 75186 B 75186	10.134 0.449 10.167 0.463				230.470 209 75 230.470 195 76	-34.741 817 61 -34.741 853 89	0.06 0.06	-4.94 -8.45 -4.94 -8.45	17.12 40.94 1.50 1.49 1.30 17.84 14.31 1.50 1.49 1.30	A 198 0.14													
15226+7254	1	F CC	A 75248 B 75248	9.215 0.229 10.615 0.833				230.646 292 59 230.646 318 33	+72.904 213 11 +72.904 248 59	8.64 8.64	-38.22 50.12 -38.22 50.12	5.17 12.75 0.78 0.73 0.74 24.95 52.78 0.78 0.73 0.74	A 12 0.13													



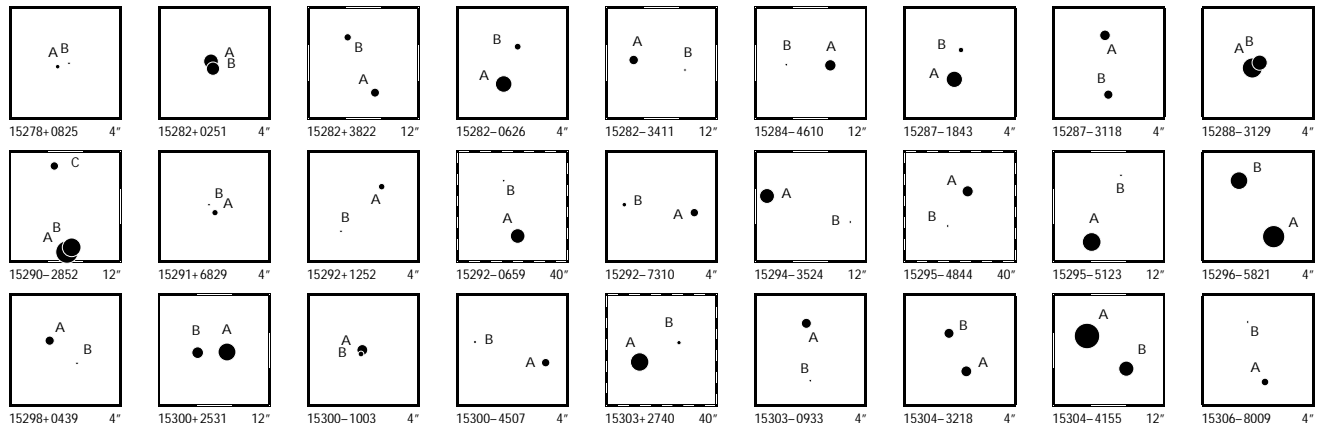
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
15226-4755	1	L CA	A 75255 B 75255	8.411 8.760	0.012 0.017						230.653 281 07 230.653 575 39	-47.920 421 25 -47.920 229 20	29.62 29.62	-364.94 -381.29	-255.73 -255.13	2.27 5.53	2.00 4.35	2.39 2.39	1.91 3.05	1.98 3.33	A	45.8	0.991	-0.7	-0.011			
15226-5910	1	L CA	A 75252 B 75252	7.674 10.608	0.003 0.046	7.954	0.008	7.600	0.010		230.652 531 45 230.655 761 88	-59.166 324 97 -59.165 386 50	11.76 11.76	1.96 12.07	-44.47 0.86	0.98 15.12	0.89 15.39	1.12 1.12	1.08 12.80	1.05 13.78	A	60.5	6.85	-0.3	+0.03			
15226-6234	1	F CA	A 75258 B 75258	8.581 9.216	0.066 0.118						230.659 162 91 230.659 201 80	-62.566 962 91 -62.567 018 54	2.17 2.17	-4.81 -4.81	-11.53 -11.53	3.96 7.55	7.02 10.67	1.19 1.19	0.83 0.83	1.16 1.16	A	162	0.21					
15227-0132	1	I CA	A 75261 B 75262	8.723 10.000	0.014 0.036	10.327	0.056	8.714	0.024	10.667	0.076	9.777	0.056	230.664 456 15 230.667 579 03	-1.535 798 20 -1.541 610 16	3.24 20.19	11.72 -74.59	-4.21 2.64	2.79 15.34	1.95 10.41	2.24 9.87	2.81 12.12	2.31 9.63	A	151.76	23.75	+0.18	-0.05
15227-2254	1	F CA	A 75270 B 75270	8.652 10.520	0.070 0.388						230.682 269 34 230.682 227 31	-22.899 243 57 -22.899 281 17	6.33 6.33	-35.59 -35.59	-18.16 -18.16	5.11 32.47	4.35 35.07	1.44 1.44	1.64 1.64	1.15 1.15	A	226	0.19					
15227-4441	1	L CA	A 75264 B 75264	3.562 5.039	0.006 0.023						230.670 364 82 230.670 364 02	-44.689 558 08 -44.689 631 85	6.47 6.47	-23.79 -6.44	-20.29 -19.46	0.88 3.56	0.95 3.98	0.61 0.61	0.82 2.71	0.64 1.90	A	180	0.266	-4	-0.001			
15232+6100	1	F CA	A 75302 B 75302	8.618 10.687	0.005 0.035	8.981	0.013	8.481	0.012		230.787 599 17 230.786 772 71	+60.993 477 49 +60.993 584 08	7.32 7.32	-45.47 -45.47	33.27 33.27	0.99 8.87	0.90 7.10	0.95 0.95	0.98 0.98	0.95 0.95	A	284.9	1.49					
15232+7258	1	F CA	A 75305 B 75305	9.207 11.976	0.007 0.090	9.554	0.015	9.118	0.016		230.789 608 11 230.788 797 74	+72.964 880 15 +72.964 599 52	7.78 7.78	-5.20 -5.20	14.75 14.75	1.24 23.36	1.23 24.55	1.20 1.20	1.26 1.26	1.29 1.29	A	220	1.32					
15232-0246	1	F CA	A 75311 B 75311	11.309 11.493	0.021 0.024						230.798 318 44 230.798 887 67	-2.766 805 81 -2.767 505 96	17.10 17.10	-1.41 -1.41	2.35 2.35	5.87 9.98	5.07 8.71	6.97 6.97	7.04 7.04	6.50 6.50	A	140.9	3.25					
15233+3018	1	L CA	A 75312 B 75312	5.727 6.021	0.004 0.005						230.800 942 84 230.801 108 67	+30.288 241 14 +30.288 490 28	53.70 53.70	125.77 169.99	-176.48 -204.58	0.71 1.70	0.88 1.85	1.24 1.24	0.62 1.35	0.81 1.86	A	29.9	1.034	+2.9	-0.002			
15234-5919	1	L CA	A 75323 B 75323	4.935 5.819	0.003 0.006						230.844 407 33 230.844 547 23	-59.320 698 39 -59.320 477 37	6.40 6.40	-10.29 -22.11	-36.57 -31.04	0.81 2.40	0.78 2.01	0.99 0.99	0.77 1.42	0.84 1.32	A	17.9	0.836	-0.9	+0.002			
15237-4948	1	F CB	A 75339 B 75339	10.239 12.505	0.022 0.171	10.612	0.043	10.084	0.044		230.917 948 00 230.917 734 50	-49.805 233 35 -49.804 472 15	3.91 3.91	-9.07 -9.07	-1.31 -1.31	3.82 46.23	3.35 40.57	4.71 4.71	3.75 3.75	3.59 3.59	A	350	2.78					
15240-7513	1	F CA	A 75362 B 75362	8.776 8.990	0.008 0.010	8.741	0.014	8.671	0.017	8.999	0.017	8.871	0.021	231.001 201 17 231.005 988 40	-75.211 827 09 -75.212 500 11	3.68 3.68	-13.65 -13.65	-11.35 -11.35	1.68 3.07	1.89 3.40	2.10 2.10	1.73 1.73	2.22 2.22	A	118.85	5.022		
15243+0248	1	F CA	A 75392 B 75392	8.512 11.575	0.004 0.066						231.080 666 69 231.080 678 57	+2.797 233 34 +2.797 401 92	9.22 9.22	-36.14 -36.14	-38.21 -38.21	1.52 27.16	0.90 11.87	1.43 1.43	1.72 1.72	1.13 1.13	A	4	0.61					
15243-0506	1	F CA	A 75396 B 75396	8.972 11.824	0.006 0.079	10.241	0.038	8.893	0.021		231.087 545 19 231.087 133 31	-5.098 763 03 -5.098 992 94	3.34 3.34	-19.70 -19.70	-1.00 -1.00	1.69 24.64	1.29 20.65	1.79 1.79	1.85 1.85	1.45 1.45	A	241	1.69					
15243-6625	1	F CB	A 75383 B 75383	8.964 12.497	0.007 0.178	9.489	0.013	8.891	0.012		231.066 078 42 231.069 202 27	-66.410 392 40 -66.411 283 38	12.56 12.56	20.61 20.61	-5.57 -5.57	1.05 37.46	1.32 51.20	1.87 1.87	0.98 0.98	1.53 1.53	A	125	5.53					
15244-3130	1	F CA	A 75404 B 75404	10.258 10.532	0.012 0.016						231.109 574 73 231.109 610 37	-31.505 051 68 -31.504 934 33	6.64 6.64	-38.92 -38.92	-21.47 -21.47	4.12 7.15	2.49 3.93	3.90 3.90	4.69 4.69	3.36 3.36	A	15	0.436					
15245+3722	1	L CA	B 75415 C 75415	7.134 7.735	0.003 0.006	7.592	0.034	6.926	0.038		231.129 040 66 231.129 200 11	+37.347 093 37 +37.347 700 36	26.82 26.82	-140.95 -153.65	84.97 91.68	0.77 1.94	0.85 2.03	0.89 0.89	0.78 1.19	0.87 1.32	B	11.80	2.232	-0.35	+0.004			
15245-1102	1	F CA	A 75419 B 75419	10.064 11.940	0.014 0.074	10.589	0.050	9.862	0.042		231.134 874 58 231.135 984 81	-11.038 530 86 -11.038 247 27	6.62 6.62	-87.45 -87.45	-41.98 -41.98	2.93 23.30	1.83 16.73	2.95 2.95	3.25 3.25	2.19 2.19	A	75.4	4.05					
15245-1322	1	F ND	A 75416 B 75416	11.072 11.241	0.097 0.113						231.129 038 90 231.128 932 64	-13.370 855 35 -13.370 815 95	26.94 26.94	-123.95 -123.95	-14.17 -14.17	8.30 14.60	4.05 8.64	3.14 3.14	3.12 3.12	3.01 3.01	A	291	0.40					
15245-4645	1	L CB	A 75406 B 75406	10.743 11.442	0.030 0.058	11.014	0.076	10.562	0.082		231.114 193 66 231.114 736 62	-46.744 264 47 -46.742 041 78	-22.84 -22.84	-15.83 11.36	13.77 70.86	7.64 31.85	7.08 20.17	8.16 8.16	7.20 17.93	7.50 20.28	A	9.5	8.11	+0.1	+0.06			
15246+5413	1	F CA	A 75425 B 75425	7.547 7.666	0.004 0.004						231.146 915 75 231.146 622 62	+54.212 931 77 +54.212 940 20	5.48 5.48	39.76 39.76	-55.49 -55.49	1.75 2.11	1.05 1.73	1.24 1.24	1.60 1.60	1.16 1.16	A	272.8	0.618					
15246-4835	1	F CB G	A 75427 B 75427 C 75427	8.253 8.393 12.008	0.074 0.080 0.510						231.149 828 86 231.149 788 71 231.148 728 49	-48.582 017 29 -48.581 975 49 -48.579 675 06	5.11 5.11 5.11	-9.42 -9.42 -9.42	-12.41 -12.41 -12.41	3.56 5.98 53.67	3.86 5.19 48.44	1.27 1.27 1.27	1.35 1.35 1.35	1.35 1.35 1.35	A	328 342.7	0.178 8.83					
15248-6552	1	I CA	A 75440 B 75444	8.809 11.195	0.008 0.063	8.790	0.009	8.798	0.012	10.935	0.051	10.693	0.065	231.187 986 22 231.198 764 21	-65.872 508 31 -65.872 069 21	1.65 -6.34	-6.95 -11.02	-14.40 -21.07	1.50 21.73	1.75 22.90	2.29 14.71	1.37 12.56	1.96 16.75	A	84.3	15.94	0.0	0.00
15249-2322	1	F NB	B 75454 A 75454	8.851 8.904	0.007 0.007						231.224 331 54 231.224 410 32	-23.359 517 31 -23.359 339 11	11.03 11.03	5.19 5.19	-30.08 -30.08	4.09 4.64	3.98 4.56	5.39 5.39	4.03 4.03	4.50 4.50	B	22.1	0.692					
15249-3730	1	F CC	A 75459 B 75459	8.640 12.227	0.010 0.255	8.991	0.015	8.540	0.015		231.233 918 92 231.233 538 95	-37.501 467 24 -37.501 517 07	8.76 8.76	-23.13 -23.13	-37.26 -37.26	1.67 91.12	1.16 50.14	1.77 1.77	2.39 2.39	1.58 1.58	A	261	1.10					
15249-6817	1	F NC	A 75452 B 75452	9.393 12.139	0.009 0.110	9.818	0.014	9.318	0.014		231.216 942 93 231.217 348 69	-68.280 855 97 -68.281 150 82	5.47 5.47	-25.11 -25.11	-7.78 -7.78	1.06 20.18	1.46 31.75	1.69 1.69	1.10 1.10	1.47 1.47	A	153	1.19					



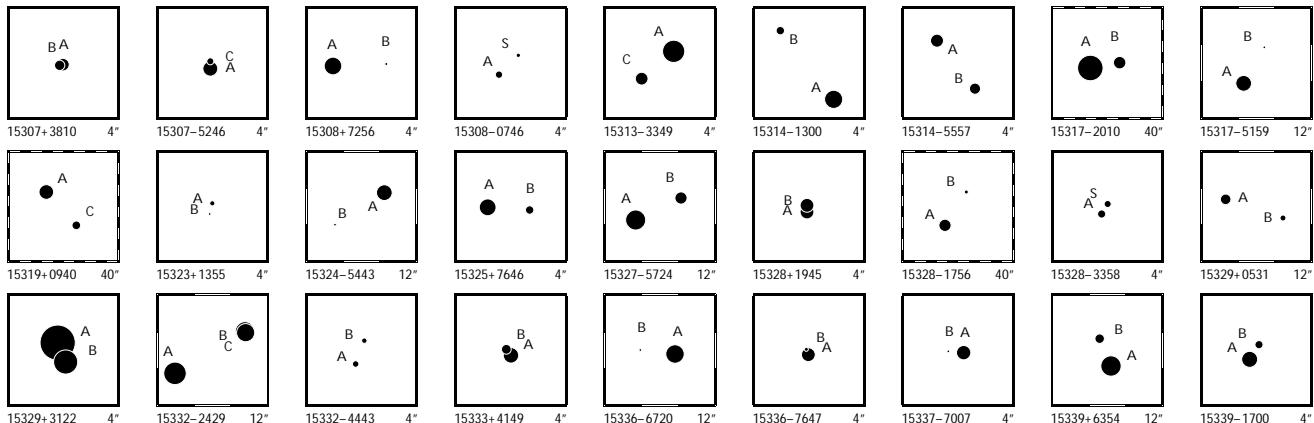
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15251-2340	1	F CA	A 75478 B 75478	9.256 0.081 9.465 0.098				231.281 978 93 231.281 901 08	-23.671 161 17 -23.671 159 02	15.01 15.01	-23.85 -43.46 -23.85 -43.46	10.93 5.91 2.28 2.10 1.65 13.08 8.89 2.28 2.10 1.65	A 272	0.26												
15251-3810	1	F CA	B 75476 A 75476	7.632 0.151 8.095 0.231				231.276 852 33 231.276 890 47	-38.169 189 96 -38.169 165 63	6.82 6.82	-20.53 -25.00 -20.53 -25.00	9.35 8.35 0.88 0.78 0.82 12.51 11.31 0.88 0.78 0.82	B 51	0.14												
15252-4659	1	F CA	B 75483 A 75483	10.645 0.012 10.765 0.013				231.298 803 29 231.298 840 47	-46.986 854 21 -46.987 006 15	16.34 16.34	-51.53 -19.77 -51.53 -19.77	7.69 10.03 6.01 8.35 13.31 8.18 11.25 6.01 8.35 13.31	B 171	0.55												
15253+7427	1	F CC	A 75495 B 75495	9.637 0.010 12.712 0.066	10.912 0.054	9.635 0.028		231.324 857 23 231.327 474 24	+74.453 400 08 +74.453 644 90	32.41 32.41	-13.04 -248.20 -13.04 -248.20	1.45 1.40 1.42 1.40 1.50 42.56 32.70 1.42 1.40 1.50	A 71	2.67												
15254-2156	1	F CA	A 75504 B 75504	7.879 0.006 9.643 0.028	9.065 0.019	7.818 0.012		231.344 162 28 231.343 555 14	-21.929 212 92 -21.931 850 74	6.23 6.23	-27.93 -14.21 -27.93 -14.21	1.75 1.04 1.54 2.66 1.56 11.68 5.80 1.54 2.66 1.56	A 192.1	9.71												
15257+2638	1	F CA	A 75519 B 75519	9.719 0.010 9.823 0.010	9.830 0.025	9.373 0.025		231.428 412 30 231.428 157 72	+26.628 070 82 +26.627 747 85	4.34 4.34	17.09 -4.46 17.09 -4.46	2.41 2.12 2.93 2.50 2.73 4.76 4.59 2.93 2.50 2.73	A 215.2	1.42												
15258+8430	1	F CA	A 75529 B 75529	9.523 0.095 9.912 0.136				231.445 147 72 231.445 311 17	+84.503 976 39 +84.504 024 64	15.60 15.60	122.54 -25.28 122.54 -25.28	4.78 8.24 0.86 0.85 0.91 6.72 10.92 0.86 0.85 0.91	A 18	0.18												
15258-1543	1	F CA	A 75525 B 75525	10.360 0.009 11.887 0.034				231.439 521 86 231.439 260 01	-15.724 124 70 -15.724 026 44	5.30 5.30	-20.48 -8.98 -20.48 -8.98	3.16 2.26 3.20 2.92 2.44 13.29 10.25 3.20 2.92 2.44	A 291	0.97												
15261+1810	1	F CA	A 75560 B 75560	8.579 0.007 8.927 0.010				231.537 133 60 231.537 045 77	+18.171 197 38 +18.171 327 10	6.33 6.33	12.44 -6.80 12.44 -6.80	2.32 2.58 2.40 2.44 3.07 4.40 3.54 2.40 2.44 3.07	A 327	0.555												
15261+2128	1	F CA	A 75548 B 75548	9.528 0.007 10.693 0.020	10.013 0.027	9.432 0.024		231.512 968 92 231.515 836 87	+21.459 902 35 +21.459 839 52	2.64 2.64	-2.44 10.27 -2.44 10.27	1.94 2.17 2.90 2.28 2.64 6.23 7.99 2.90 2.28 2.64	A 91.35	9.61												
15262-2819	1	F CA	A 75563 S 75563	10.733 0.057 10.937 0.069				231.554 397 21 231.554 349 29	-28.310 454 02 -28.310 502 85	7.44 7.44	19.62 -21.25 19.62 -21.25	6.71 5.59 2.20 2.62 2.10 10.13 7.22 2.20 2.62 2.10	A 221	0.23												
15263+0752	1	F CA	A 75567 B 75567	10.546 0.030 12.513 0.173	11.021 0.063	10.492 0.061		231.562 698 92 231.562 433 32	+7.872 839 02 +7.868 803 99	3.15 3.15	13.80 -0.61 13.80 -0.61	4.11 2.80 4.46 5.45 3.30 66.04 38.45 4.46 5.45 3.30	A 183.7	14.56												
15263-4252	1	I CA	A 75568 B 75570	8.545 0.025 9.819 0.062	9.097 0.017	8.450 0.015		231.563 828 26 231.571 568 33	-42.862 223 96 -42.863 033 04	11.64 -5.68	-67.67 -28.22 -29.32 -20.10	2.41 1.87 2.32 2.32 2.11 16.80 13.00 8.96 9.37 7.92	A 98.12	20.63	-0.04	+0.04										
15264+4400	1	F CA	A 75580 B 75580	7.893 0.004 9.209 0.013	8.392 0.010	7.790 0.011		231.610 651 81 231.609 879 88	+44.003 655 74 +44.003 750 69	11.15 11.15	107.90 -70.59 107.90 -70.59	0.99 0.93 1.04 1.00 0.96 4.10 4.29 1.04 1.00 0.96	A 279.7	2.028												
15266+5454	1	I CA	A 75589 B 75590	8.758 0.010 9.792 0.020	9.056 0.016	8.701 0.017		231.645 373 39 231.649 879 81	+54.898 993 17 +54.901 401 95	9.00 9.20	-34.38 8.40 -35.38 11.57	2.00 2.13 1.81 2.05 2.19 6.74 7.74 3.37 3.73 3.88	A 47.09	12.736	-0.01	+0.001										
15266-0539	1	F CA	A 75593 B 75593	9.080 0.006 9.805 0.011				231.659 936 64 231.659 936 49	-5.655 624 60 -5.655 790 17	9.18 9.18	-65.71 23.30 -65.71 23.30	2.85 1.75 2.83 3.38 2.71 5.75 3.09 2.83 3.38 2.71	A 180	0.596												
15268+2840	1	F CA	B 75602 A 75602	9.670 0.021 10.191 0.034				231.696 452 76 231.696 365 79	+28.667 806 51 +28.667 783 62	6.64 6.64	-12.49 -19.06 -12.49 -19.06	2.96 2.97 1.76 1.40 1.52 5.26 6.29 1.76 1.40 1.52	B 253	0.287												
15270-2432	1	F CA	B 75617 A 75617	10.610 0.042 10.672 0.045				231.758 432 16 231.758 472 88	-24.526 262 11 -24.526 185 47	6.72 6.72	-6.99 2.64 -6.99 2.64	6.26 5.62 3.45 3.21 2.76 4.78 4.82 3.45 3.21 2.76	B 26	0.31												
15271+2355	1	F CA	A 75621 B 75621	9.753 0.009 10.850 0.023				231.774 880 89 231.774 819 24	+23.915 413 31 +23.915 639 94	5.53 5.53	-5.52 -32.37 -5.52 -32.37	1.83 2.09 2.50 2.02 2.45 8.11 7.45 2.50 2.02 2.45	A 346	0.84												
15271+4133	1	F CA	A 75631 B 75631	8.670 0.005 10.330 0.021				231.787 370 64 231.787 381 76	+41.553 562 02 +41.553 420 58	5.84 5.84	9.29 9.61 9.29 9.61	1.11 1.32 1.20 1.15 1.31 7.34 5.83 1.20 1.15 1.31	A 177	0.51												
15272+3930	1	F CA	A 75632 B 75632	9.394 0.009 11.196 0.044	9.753 0.020	9.309 0.021		231.787 510 06 231.786 763 76	+39.493 292 41 +39.495 290 87	5.58 5.58	8.24 -38.13 8.24 -38.13	1.42 1.38 1.64 1.53 1.42 9.40 13.07 1.64 1.53 1.42	A 343.9	7.49												
15272-3632	1	F CB	A 75633 B 75633	10.281 0.011 13.154 0.144	11.082 0.085	10.133 0.060		231.791 467 93 231.789 876 24	-36.525 416 60 -36.525 516 11	12.78 12.78	-17.93 -14.23 -17.93 -14.23	2.80 1.98 3.08 3.37 2.83 54.37 45.84 3.08 3.37 2.83	A 266	4.62												
15273+0306	1	F CA	A 75643 B 75643	9.321 0.007 11.623 0.054				231.819 257 40 231.819 359 25	+3.093 231 00 +3.093 337 70	6.13 6.13	-0.28 -22.73 -0.28 -22.73	1.85 1.30 1.73 1.96 1.44 13.98 10.51 1.73 1.96 1.44	A 44	0.53												
15273+1738	1	F CA	A 75653 B 75653	8.554 0.095 9.366 0.200				231.836 745 24 231.836 701 46	+17.635 073 88 +17.635 060 72	11.57 11.57	-63.45 41.69 -63.45 41.69	7.64 4.56 1.08 1.02 1.18 14.14 10.73 1.08 1.02 1.18	A 252	0.16												
15275-1058	1	F CA	A 75663 B 75663	8.275 0.006 9.335 0.015	8.818 0.016	8.199 0.015		231.876 300 33 231.878 331 82	-10.962 452 50 -10.964 177 51	9.91 9.91	-64.01 -35.01 -64.01 -35.01	1.93 1.30 1.98 2.20 1.80 6.34 4.19 1.98 2.20 1.80	A 130.86	9.49												
15276-1218	1	F CA	A 75669 B 75669	9.688 0.028 11.389 0.134				231.899 558 85 231.899 498 70	-12.302 596 16 -12.302 664 62	5.92 5.92	-19.29 -15.55 -19.29 -15.55	4.92 4.55 2.65 3.45 2.28 25.15 22.57 2.65 3.45 2.28	A 221	0.32												
15277+0606	1	L CA	A 75682 B 75682	8.350 0.006 8.901 0.009				231.925 582 57 231.925 401 96	+6.101 347 36 +6.101 479 87	5.73 5.73	-9.81 -27.48 -8.50 -36.40	2.22 1.95 2.12 2.54 1.67 5.02 3.64 2.12 5.27 2.77	A 306.4	0.803	-0.5	-0.006										



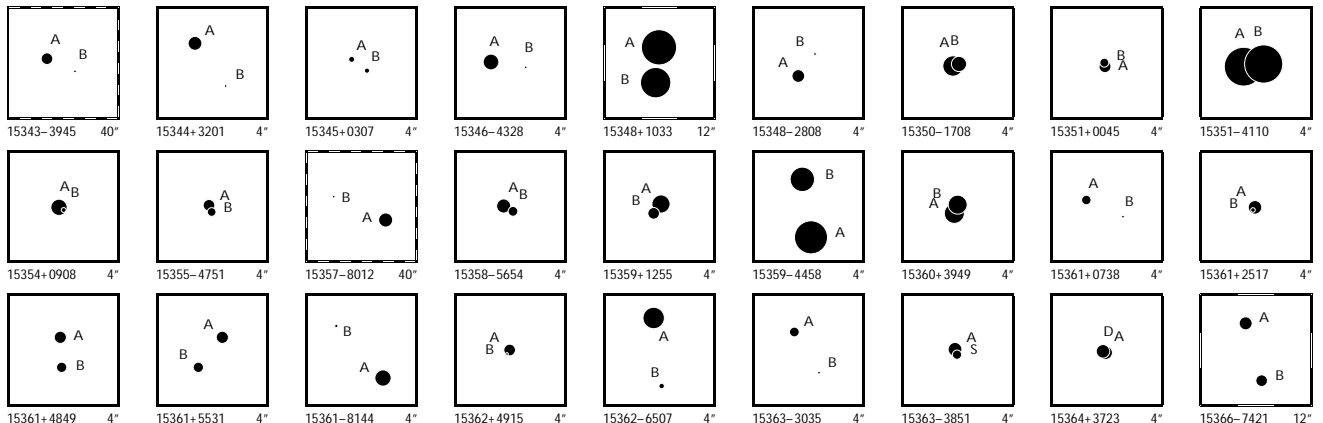
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15278+0825	1	F CA	A 75693 B 75693	10.994 11.608	0.037 0.065						231.948 297 06 231.948 175 86	+8.424 709 36 +8.424 745 41	2.81 2.81	2.06 2.06	-0.14 -0.14	6.16 14.31	3.56 10.51	4.31 4.31	5.11 5.11	3.38 3.38	A	287		0.45	
15282+0251	1	F CA	A 75724 B 75724	8.781 9.086	0.022 0.029						232.053 922 60 232.053 900 87	+2.856 028 16 +2.855 955 33	5.13 5.13	-20.27 -20.27	-11.87 -11.87	1.98 3.10	3.04 4.04	1.38 1.38	1.37 1.37	1.17 1.17	A	197		0.274	
15282+3822	1	F CA	A 75720 B 75720	10.036 10.372	0.011 0.014	10.762 10.927	0.040 0.055	9.909 10.145	0.030 0.040		232.041 151 77 232.042 230 61	+38.360 517 91 +38.362 218 67	13.62 13.62	-16.84 -16.84	18.44 18.44	2.37 5.68	2.62 5.84	3.07 3.07	2.72 2.72	3.11 3.11	A	26.44		6.84	
15282-0626	1	F FD	A 75728 B 75728	8.314 10.506	0.015 0.115	9.006	0.015	8.101	0.011		232.056 932 70 232.056 789 32	-6.437 738 35 -6.437 356 41	11.88 11.88	-23.89 -23.89	-61.75 -61.75	1.57 50.00	0.83 14.15	1.67 1.67	2.28 2.28	1.51 1.51	A	340		1.47	
15282-3411	1	F CA	A 75723 B 75723	9.890 12.215	0.008 0.058	10.578	0.047	9.893	0.040		232.051 333 94 232.049 428 35	-34.179 433 67 -34.179 774 94	10.50 10.50	35.11 35.11	-44.49 -44.49	2.25 26.39	1.58 20.08	2.37 2.37	2.31 2.31	2.13 2.13	A	257.8		5.81	
15284-4610	1	F ND	A 75741 B 75741	9.456 12.673	0.013 0.245	11.835	0.129	9.551	0.029		232.112 226 43 232.114 150 10	-46.165 858 07 -46.165 832 37	7.47 7.47	-1.77 -1.77	-0.23 -0.23	2.28 68.57	1.71 54.01	2.53 2.53	2.21 2.21	1.92 1.92	A	89		4.80	
15287-1843	1	F CA	A 75768 B 75768	8.428 10.794	0.006 0.047	9.200	0.018	8.313	0.014		232.179 889 14 232.179 809 57	-18.723 307 67 -18.723 009 65	11.32 11.32	10.26 10.26	-37.51 -37.51	1.79 24.31	1.09 18.51	1.78 1.78	1.66 1.66	1.40 1.40	A	346		1.11	
15287-3118	1	F CA	A 75769 B 75769	9.667 9.976	0.009 0.011	10.120	0.038	9.360	0.028		232.183 408 97 232.183 372 64	-31.293 998 31 -31.294 612 65	11.47 11.47	23.92 23.92	40.14 40.14	2.69 5.30	1.70 3.23	2.57 2.57	2.75 2.75	3.12 3.12	A	182.9		2.214	
15288-3129	1	F CA	A 75772 B 75772	7.577 8.627	0.018 0.047	232.191	925 98	-31.475	667 49		232.191 838 71 232.191 838 71	-31.475 619 69	5.27 5.27	-8.69 -8.69	-5.13 -5.13	3.24 8.43	1.93 4.53	1.07 1.07	1.09 1.09	1.13 1.13	A	303		0.32	
15290-2852	1	F CA	A 75790 B 75790 C 75790	6.993 7.871 10.136	0.013 0.013 0.244	10.606	0.057	9.633	0.038		232.244 539 30 232.244 380 54 232.244 973 38	-28.866 811 51 -28.866 656 70 -28.864 159 52	16.46 16.46 16.46	-43.93 -43.93 -43.93	-32.87 -32.87 -32.87	3.88 16.87 21.78	3.55 6.98 16.85	3.36 3.36 3.36	4.43 4.43 4.43	5.23 5.23 5.23	A	318	0.75	9.64	
15291+6829	1	F CA	A 75796 B 75796	10.645 12.297	0.030 0.138	232.270	522 77	+68.490	303 05		232.270 690 98 232.270 690 98	+68.490 381 88	5.53 5.53	-44.24 -44.24	23.74 23.74	3.95 20.44	4.42 21.62	1.62 1.62	1.58 1.58	1.74 1.74	A	38		0.36	
15292+1252	1	F CA	A 75804 B 75804	10.534 11.892	0.011 0.036	11.419	0.104	10.245	0.057		232.288 822 86 232.289 248 33	+12.871 227 15 -12.870 769 08	0.61 0.61	-12.63 -12.63	10.90 10.90	2.49 11.28	1.70 8.23	2.36 2.36	2.74 2.74	2.28 2.28	A	137.8		2.22	
15292-0659	1	F NC	A 75805 B 75807	8.761 11.752	0.035 0.442	9.963	0.025	8.695	0.015		232.291 008 10 232.292 485 47	-6.979 154 89 -6.973 446 35	3.55 3.55	-15.71 -15.71	5.55 5.55	2.64 137.73	1.61 81.44	2.19 2.19	2.89 2.89	2.22 2.22	A	14.4		21.22	
15292-7310	1	F CA	A 75814 B 75814	10.156 10.972	0.014 0.029	10.191 10.409	0.027 0.059	9.673 9.971	0.029 0.049		232.306 656 53 232.309 126 93	-73.173 170 39 -73.173 088 92	4.24 4.24	-9.78 -9.78	-12.97 -12.97	2.12 7.96	2.72 8.23	2.74 2.74	2.14 2.14	2.74 2.74	A	83.5		2.59	
15294-3524	1	F CB	A 75833 B 75833	8.679 11.962	0.007 0.141	9.130	0.018	8.608	0.017		232.358 814 41 232.355 683 80	-35.402 267 19 -35.403 059 85	9.76 9.76	-29.73 -29.73	-12.76 -12.76	1.71 62.27	1.24 36.98	1.80 1.80	2.05 2.05	1.58 1.58	A	252.7		9.62	
15295-4844	1	L ND	A 75840 B 75845	9.511 12.071	0.028 0.269	10.371	0.039	9.515	0.030		232.386 244 41 232.389 188 74	-48.735 815 08 -48.739 446 02	14.05 14.05	-90.56 23.80	-46.51 -109.45	3.42 73.82	3.22 63.05	3.57 3.57	4.04 56.97	4.28 54.72	A	151.9	14.82	-0.3	+0.11
15295-5123	1	F CB	A 75837 B 75837	7.861 11.431	0.007 0.168	9.131	0.016	7.819	0.010		232.378 642 23 232.377 202 35	-51.390 784 29 -51.388 764 09	7.43 7.43	-61.37 -61.37	-90.67 -90.67	1.15 37.22	1.01 30.73	1.30 1.30	1.24 1.24	1.18 1.18	A	336.0		7.96	
15296-5821	1	F CA	A 75842 B 75842	7.076 8.071	0.004 0.010	7.141	0.026	6.942	0.030		232.387 075 46 232.387 755 74	-58.351 344 22 -58.350 769 24	12.05 12.05	-25.09 -25.09	-47.26 -47.26	1.17 3.13	1.00 3.18	1.34 1.34	1.52 1.52	1.34 1.34	A	31.8		2.436	
15298+0439	1	F CA	A 75864 B 75864	9.971 12.006	0.013 0.084	10.246	0.037	9.763	0.037		232.437 740 76 232.437 460 16	+4.647 108 51 +4.646 873 30	-1.25 -1.25	-28.20 -28.20	-8.26 -8.26	3.24 43.77	2.00 16.32	2.64 2.64	2.77 2.77	2.25 2.25	A	230		1.32	
15300+2531	1	F CA	A 75883 B 75883	8.021 9.406	0.004 0.015	9.834	0.019	8.000	0.008		232.493 638 17 232.494 653 64	+25.508 608 98 +25.508 584 54	2.12 2.12	-4.86 -4.86	8.10 8.10	1.21 3.92	1.24 5.61	1.65 1.65	1.21 1.21	1.65 1.65	A	91.5		3.301	
15300-1003	1	F CA	A 75882 B 75882	9.584 10.747	0.124 0.363	232.493	083 58	-10.055	415 51		232.493 093 45 232.493 093 45	-10.055 451 76	6.47 6.47	8.95 8.95	-8.47 -8.47	8.55 28.12	7.97 21.09	1.44 1.44	1.64 1.64	1.13 1.13	A	165		0.14	
15300-4507	1	F CA	A 75889 B 75889	10.147 11.318	0.010 0.028	10.926	0.080	10.081	0.059		232.509 963 68 232.510 989 94	-45.124 662 72 -45.124 450 20	7.76 7.76	-75.87 -75.87	-40.49 -40.49	2.80 11.98	2.16 8.62	3.16 3.16	2.67 2.67	2.58 2.58	A	73.6		2.72	
15303+2740	1	F CB	A 75913 B 75913	7.944 11.011	0.012 0.184	8.029 12.047	0.006 0.224	7.895 11.881	0.008 0.304		232.584 798 82 232.580 227 64	+27.658 258 32 +27.660 252 07	2.46 2.46	2.31 2.31	5.25 5.25	1.48 60.99	1.56 83.60	2.04 2.04	1.64 1.64	1.83 1.83	A	296.2		16.25	
15303-0933	1	F CA	A 75912 B 75912	9.752 12.356	0.007 0.074	10.366	0.030	9.695	0.027		232.581 244 06 232.581 204 76	-9.551 086 04 -9.551 679 79	7.51 7.51	-31.81 -31.81	-4.32 -4.32	2.26 34.71	1.18 16.69	2.49 2.49	2.68 2.68	1.97 1.97	A	184		2.14	
15304-3218	1	F CA	A 75924 B 75924	9.594 9.777	0.019 0.022	9.928 10.085	0.044 0.054	9.208 9.347	0.031 0.041		232.609 400 56 232.609 621 42	-32.303 509 95 -32.303 127 61	10.91 10.91	-28.30 -28.30	-31.72 -31.72	3.45 7.70	2.09 4.59	3.21 3.21	2.82 2.82	2.77 2.77	A	26.0		1.53	
15304-4155	1	F CA	A 75915 B 75915	6.364 8.626	0.002 0.016	6.308 8.688	0.004 0.019	6.327 8.350	0.005 0.020		232.588 777 53 232.587 179 20	-41.918 963 89 -41.919 989 40	6.48 6.48	-21.41 -21.41	-26.18 -26.18	0.78 5.79	0.67 5.56	0.86 0.86	0.85 0.85	0.82 0.82	A	229.2		5.653	
15306-8009	1	F CA	A 75937 B 75937	10.296 11.768	0.012 0.045	10.884	0.037	10.183	0.031		232.648 750 49 232.649 791 95	-80.156 954 87 -80.156 334 08	10.95 10.95	19.95 19.95	-45.99 -45.99	1.69 10.74	1.93 10.65	2.00 2.00	1.86 1.86	2.20 2.20	A	16.0		2.32	



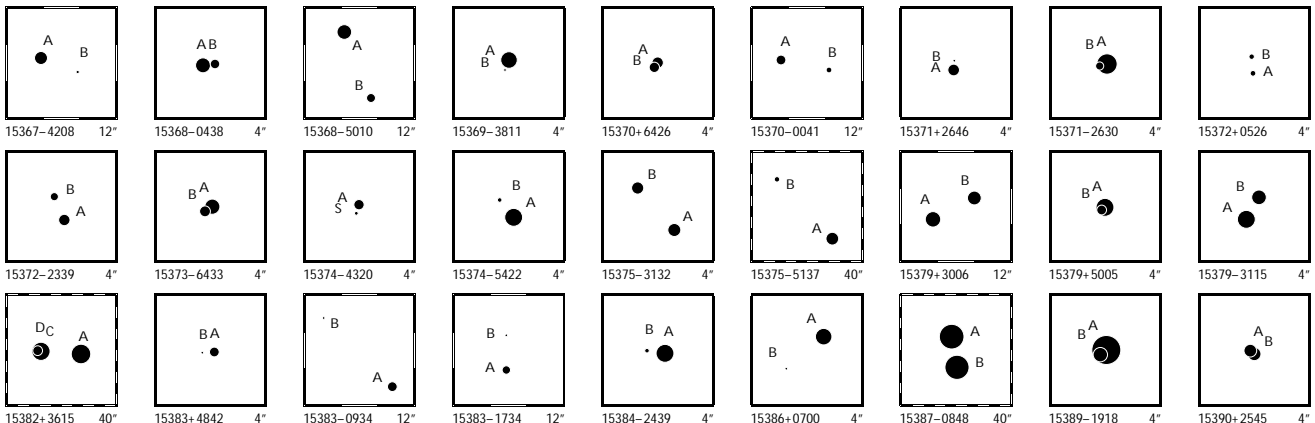
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15307+3810	1	FCA	A 75949 B 75949	9.233 0.247 9.729 0.391								232.687 262 17 +38.163 540 06 232.687 307 23 +38.163 534 14	3.27 3.27	5.69 -33.03 5.69 -33.03	15.64 7.83 0.96 0.91 0.91 21.99 11.96 0.96 0.91 0.91	A 100 0.13										
15307-5246	1	FCA	A 75955 C 75955	8.708 0.030 10.440 0.146								232.697 559 35 -52.770 463 71 232.697 568 92 -52.770 390 07	1.44 1.44	-4.57 -1.91 -4.57 -1.91	3.37 4.19 1.56 1.66 1.50 17.17 18.02 1.56 1.66 1.50	A 4 0.27										
15308+7256	1	FCA	A 75963 B 75963	8.086 0.005 11.325 0.090	9.926 0.022	8.112 0.010						232.709 556 61 +72.936 432 61 232.707 690 14 +72.936 451 01	3.98 3.98	24.44 -23.91 24.44 -23.91	0.91 0.93 0.92 0.82 0.96 19.79 22.69 0.92 0.82 0.96	A 272 1.97										
15308-0746	1	FCA	A 75962 S 75962	10.377 0.011 11.011 0.018								232.708 998 14 -7.760 037 70 232.708 795 96 -7.759 836 40	15.61 15.61	-51.33 -62.78 -51.33 -62.78	2.98 1.84 2.82 3.08 2.56 10.04 4.70 2.82 3.08 2.56	A 315 1.02										
15313-3349	1	FCA	D A 76001 C 76001	7.065 0.004 9.181 0.026	7.131 0.007	6.942 0.009						232.821 764 14 -33.819 768 49 232.822 154 32 -33.820 046 53	9.98 9.98	-21.25 -31.09 -21.25 -31.09	0.95 0.73 0.98 0.93 0.87 6.21 5.10 0.98 0.93 0.87	A 130.6 1.54										
15314-1300	1	FCA	A 76003 B 76003	7.953 0.004 10.122 0.026								232.831 260 99 -12.985 428 80 232.831 829 13 -12.984 723 97	11.64 11.64	-113.56 50.63 -113.56 50.63	1.43 0.76 1.47 1.23 1.11 9.37 6.92 1.47 1.23 1.11	A 38.1 3.23										
15314-5557	1	FCA	A 76009 B 76009	9.114 0.007 9.539 0.010	9.133 0.018	8.907 0.023						232.857 902 52 -55.943 251 58 232.857 206 74 -55.943 733 36	1.73 1.73	-1.67 -4.53 -1.67 -4.53	2.57 1.94 2.51 3.37 2.75 4.15 3.43 2.51 3.37 2.75	A 218.4 2.259										
15317-2010	1	ICA	A 76033 B 76028	6.348 0.004 9.223 0.049	6.536 0.005	6.306 0.006						232.931 045 88 -20.164 845 91 232.927 778 87 -20.164 306 82	13.65 20.34	-70.67 -31.33 -61.97 -37.47	1.92 0.92 1.64 2.70 1.56 26.12 11.54 10.05 22.35 18.25	A 280.0 11.21 0.0 -0.01										
15317-5159	1	FCA	D A 76029 B 76029	8.503 0.008 11.718 0.142	10.477 0.041	8.551 0.015						232.928 121 67 -51.975 945 50 232.927 048 55 -51.974 839 10	2.34 2.34	-10.34 -8.38 -10.34 -8.38	1.34 1.17 1.54 1.34 1.32 28.44 28.36 1.54 1.34 1.32	A 329.1 4.64										
15319+0940	1	ICA	D A 76052 C 76051	8.748 0.033 10.071 0.096	9.276 0.026	8.641 0.023						232.978 340 59 +9.660 874 05 232.975 300 38 +9.657 462 53	15.61 44.59	-34.51 4.29 -45.97 4.41	5.02 2.73 3.71 4.97 3.11 39.58 19.82 20.41 26.77 17.18	A 221.3 16.35 0.0 +0.01										
15323+1355	1	FCA	A 76078 B 76078	10.884 0.021 11.815 0.050								233.070 477 56 +13.921 338 65 233.070 508 00 +13.921 233 47	6.26 6.26	0.03 13.98 0.03 13.98	3.99 3.01 3.26 3.47 3.01 15.50 9.35 3.26 3.47 3.01	A 164 0.39										
15324-5443	1	FCB	A 76092 B 76092	8.501 0.011 11.715 0.204	8.528 0.012	8.454 0.015						233.108 836 55 -54.719 578 63 233.111 491 30 -54.720 583 28	5.25 5.25	-5.78 -7.74 -5.78 -7.74	1.23 1.09 1.48 1.32 1.36 44.62 50.78 1.48 1.32 1.36	A 123.2 6.60										
15325+7646	1	FCA	A 76097 B 76097	8.263 0.005 10.153 0.027	8.793 0.010	8.126 0.009						233.125 602 56 +76.773 466 08 233.123 753 74 +76.773 436 29	7.78 7.78	24.31 63.38 24.31 63.38	0.93 0.90 0.91 0.97 1.01 7.36 5.91 0.91 0.97 1.01	A 266.0 1.53										
15327-5724	1	FCA	A 76113 B 76113	7.548 0.005 9.298 0.022	7.834 0.014	7.490 0.011						233.179 196 07 -57.407 740 70 233.176 596 05 -57.407 080 30	9.10 9.10	14.19 -13.27 14.19 -13.27	1.23 1.17 1.43 1.91 1.83 7.32 6.97 1.43 1.91 1.83	A 295.2 5.57										
15328+1945	1	FCA	A 76118 B 76118	8.913 0.060 8.940 0.061								233.200 746 15 +19.743 334 60 233.200 739 65 +19.743 397 74	9.20 9.20	-33.77 2.38 -33.77 2.38	3.61 6.91 1.32 1.67 1.25 4.58 7.27 1.32 1.67 1.25	A 354 0.23										
15328-1756	1	FCA	A 76117 B 76117	9.293 0.014 11.104 0.068	9.912 0.037	9.225 0.030						233.196 703 42 -17.929 115 28 233.194 471 48 -17.925 670 46	9.83 9.83	2.10 -11.70 2.10 -11.70	2.52 1.35 2.42 2.30 1.99 28.56 13.19 2.42 2.30 1.99	A 328.3 14.57										
15328-3358	1	FCA	A 76119 S 76119	10.174 0.014 10.437 0.018								233.203 362 21 -33.963 617 60 233.203 289 36 -33.963 521 79	12.61 12.61	-86.23 -104.80 -86.23 -104.80	5.12 3.41 4.20 3.23 3.55 10.15 5.54 4.20 3.23 3.55	A 328 0.41										
15329+0531	1	FCA	A 76129 B 76129	9.689 0.009 10.704 0.023	10.012 0.032	9.565 0.032						233.238 186 44 +5.508 947 53 233.236 395 70 +5.508 390 70	0.50 0.50	-20.81 11.67 -20.81 11.67	3.25 1.84 3.54 3.28 2.82 9.59 6.60 3.54 3.28 2.82	A 252.7 6.72										
15329+3122	1	FCA	A 76127 B 76127	4.224 0.002 6.635 0.016								233.232 483 09 +31.359 155 17 233.232 396 29 +31.358 959 88	10.49 10.49	-19.62 -8.94 -19.62 -8.94	0.44 0.52 0.66 0.48 0.60 3.79 3.41 0.66 0.48 0.60	A 200.8 0.752										
15332-2429	1	LN B	G A 76143 B 76143 C 76143	7.032 0.008 7.767 0.063 7.957 0.075								233.289 726 85 -24.490 341 96 233.287 359 02 -24.489 039 41 233.287 328 23 -24.489 097 11	9.84 9.84 9.84	-29.90 -37.28 -16.96 -46.72 -33.20 -16.39	1.72 0.92 1.23 1.93 1.34 7.40 7.85 1.23 4.62 3.24 8.05 9.43 1.23 5.20 4.00	A 301.15 9.064 -0.01 -0.016 B 206 0.23 +7 -0.02										
15332-4443	1	FCA	A 76148 B 76148	10.587 0.011 10.817 0.014								233.300 747 24 -44.717 274 18 233.300 617 94 -44.717 039 60	11.39 11.39	-68.07 -75.97 -68.07 -75.97	2.94 2.46 3.54 2.49 2.62 5.99 4.03 3.54 2.49 2.62	A 338.6 0.91										
15333+4149	1	LCA	A 76156 B 76156	8.575 0.016 9.848 0.050								233.316 240 21 +41.809 554 19 233.316 299 64 +41.809 619 40	19.21 19.21	-0.97 52.37 -14.97 37.38	1.87 2.33 0.81 1.05 1.10 5.61 6.20 0.81 3.17 3.25	A 34 0.284 -1 -0.020										
15336-6720	1	FCB	A 76177 B 76177	7.922 0.005 11.426 0.134	8.115 0.006	7.855 0.007						233.391 525 45 -67.339 012 68 233.394 271 62 -67.338 901 23	3.25 3.25	-12.20 -9.76 -12.20 -9.76	0.98 1.22 1.65 1.00 1.39 36.98 41.84 1.65 1.00 1.39	A 84 3.83										
15336-7647	1	FC C	A 76181 B 76181	8.922 0.112 11.122 0.847								233.404 877 11 -76.781 851 53 233.404 991 94 -76.781 802 41	5.87 5.87	-36.55 -23.50 -36.55 -23.50	7.33 11.02 1.06 0.88 1.05 38.58 59.11 1.06 0.88 1.05	A 28 0.20										
15337-7007	1	FCA	A 76184 B 76184	8.798 0.006 11.738 0.085								233.415 802 95 -70.110 521 21 233.416 238 82 -70.110 511 99	6.07 6.07	-26.81 -50.08 -26.81 -50.08	1.30 1.17 1.37 0.92 1.28 16.14 21.70 1.37 0.92 1.28	A 86 0.53										
15339+6354	1	FCA	A 76196 B 76196	7.517 0.006 9.887 0.047	7.775 0.020	7.457 0.014						233.462 683 19 +63.907 086 86 233.463 523 51 +63.907 927 39	8.21 8.21	11.40 22.39 11.40 22.39	1.02 1.02 1.03 0.91 0.97 9.18 9.33 1.03 0.91 0.97	A 23.7 3.31										
15339-1700	1	FCA	A 76203 B 76203	8.480 0.005 10.216 0.024								233.486 891 19 -17.001 490 91 233.486 781 60 -17.001 334 32	26.47 26.47	-93.94 -323.82 -93.94 -323.82	2.21 1.22 2.10 2.25 1.99 14.86 5.37 2.10 2.25 1.99	A 326 0.68										



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15343-3945	1	IND	D	A 76229 B 76227	9.412 0.015 12.444 0.233	10.786 0.049	9.330 0.023	233.571 781 94 233.567 983 99	-39.755 467 91 -39.756 853 08	1.23 -4.58	2.20 14.64	-11.33 -17.59	2.95 2.37 2.84 3.31 2.91 75.41 56.96 48.73 50.46 45.53	A 244.6	11.63	-0.1	-0.01										
15344+3201	1	F CA	A	A 76242 B 76242	8.936 0.005 11.916 0.075	9.969 0.019	8.828 0.012	233.609 389 63 233.609 010 43	+32.016 999 76 +32.016 558 68	3.47 3.47	0.96 0.96	14.86 14.86	0.98 1.09 1.43 1.06 1.25 18.67 19.51 1.43 1.06 1.25	A 216.1	1.96												
15345+0307	1	F CA	A	A 76250 B 76250	10.653 0.010 10.836 0.012			233.631 567 19 233.631 410 93	+3.124 789 24 +3.124 676 15	5.97 5.97	6.99 6.99	-21.92 -21.92	8.22 4.88 4.62 8.58 4.41 10.96 6.79 4.62 8.58 4.41	A 234	0.69												
15346-4328	1	F CC	A	A 76252 B 76252	8.506 0.008 12.179 0.230	8.470 0.010	8.473 0.013	233.637 838 40 233.637 335 32	-43.459 536 86 -43.459 592 74	1.24 1.24	-6.27 -6.27	-10.10 -10.10	1.47 1.14 1.50 1.71 1.42 59.85 39.60 1.50 1.71 1.42	A 261	1.33												
15348+1033	1	F CA	P	A 76276 B 76276	4.222 0.004 5.257 0.010	4.430 0.008	4.150 0.008	233.700 792 60 233.700 895 16	+10.538 859 16 +10.537 749 25	15.54 15.54	-72.63 -72.63	3.17 3.17	0.88 0.57 0.78 1.10 0.72 3.35 2.03 0.78 1.10 0.72	A 174.8	4.012												
15348-2808	1	F CB	A	A 76275 B 76275	9.174 0.013 11.599 0.118	9.896 0.031	9.059 0.025	233.699 901 58 233.699 706 91	-28.130 706 60 -28.130 480 33	19.93 19.93	-32.11 -32.11	-28.42 -28.42	2.45 1.68 2.51 2.66 2.37 30.20 19.97 2.51 2.66 2.37	A 323	1.02												
15350-1708	1	F CA	A	A 76287 B 76287	7.472 0.071 8.662 0.212			233.748 330 38 233.748 264 08	-17.138 781 09 -17.138 765 04	4.75 4.75	-5.67 -5.67	-24.41 -24.41	8.31 2.79 1.21 1.29 1.15 20.24 7.94 1.21 1.29 1.15	A 284	0.24												
15351+0045	1	F CB	A	A 76296 B 76296	9.343 0.144 10.023 0.269			233.784 903 75 233.784 912 35	+0.746 188 28 +0.746 231 26	1.36 1.36	4.54 4.54	-4.67 -4.67	6.46 10.68 1.07 1.18 0.96 11.69 20.58 1.07 1.18 0.96	A 11	0.16												
15351-4110	1	F CA	A	A 76297 B 76297	3.397 0.004 3.511 0.004			233.785 251 56 233.784 990 48	-41.166 694 97 -41.166 667 56	5.75 5.75	-16.05 -16.05	-25.52 -25.52	1.14 0.86 1.24 1.23 1.04 1.92 1.70 1.24 1.23 1.04	A 277.9	0.714												
15354+0908	1	F CB	A	A 76319 B 76319	8.401 0.051 10.938 0.531			233.837 548 56 233.837 495 63	+9.135 121 67 +9.135 097 14	2.43 2.43	6.95 6.95	-0.64 -0.64	6.76 3.39 1.18 1.36 1.05 39.40 31.41 1.18 1.36 1.05	A 245	0.21												
15355-4751	1	F CA	A	A 76328 B 76328	9.406 0.036 10.063 0.066			233.868 105 38 233.868 063 26	-47.849 062 38 -47.849 133 52	17.17 17.17	62.13 62.13	-79.74 -79.74	2.77 5.20 1.45 1.61 1.36 5.34 8.56 1.45 1.61 1.36	A 202	0.28												
15357-8012	1	IND	D	A 76351 B 76362	8.857 0.031 11.983 0.439	9.808 0.018	8.772 0.013	233.917 049 74 233.948 503 07	-80.204 693 92 -80.202 303 23	26.01 99.90	-47.57 -94.70	44.04 38.05	1.84 2.00 1.88 1.75 1.97 97.05 100.81 61.26 58.77 63.19	A 65.9	21.10	0.0	-0.05										
15358-5654	1	F CA	A	A 76361 B 76361	8.860 0.009 9.867 0.022			233.946 727 96 233.946 560 61	-56.903 878 52 -56.903 937 78	10.28 10.28	5.81 5.81	-1.29 -1.29	2.00 2.14 1.91 1.98 1.95 5.73 7.28 1.91 1.98 1.95	A 237	0.39												
15359+1255	1	F CA	A	A 76368 B 76368	7.960 0.007 9.434 0.027			233.962 716 30 233.962 792 37	+12.916 294 77 +12.916 202 76	12.19 12.19	-59.93 -59.93	12.73 12.73	2.24 1.51 1.66 2.35 1.76 9.75 5.69 1.66 2.35 1.76	A 141	0.43												
15359-4458	1	L CA	A	A 76371 B 76371	4.657 0.002 6.615 0.012	4.487 0.005	4.676 0.005	233.971 937 52 233.972 062 07	-44.958 336 88 -44.957 746 29	7.51 7.51	-20.42 -14.86	-21.48 -24.82	0.71 0.57 0.73 0.58 0.58 4.17 2.48 0.73 2.25 1.91	A 8.5	2.150	+0.2	-0.002										
15360+3949	1	L CA	A	A 76382 B 76382	7.586 0.011 7.778 0.013			234.010 785 71 234.010 742 02	+39.802 406 48 +39.802 489 25	45.85 45.85	-482.47 -423.54	27.52 76.58	1.98 1.73 0.79 2.25 1.47 3.34 2.53 0.79 3.53 2.20	A 338	0.322	+13	+0.023										
15361+0738	1	F CA	A	A 76390 B 76390	9.922 0.017 12.431 0.170	10.421 0.045	9.814 0.041	234.033 768 97 234.033 387 27	+7.634 412 05 +7.634 239 57	4.65 4.65	-18.64 -18.64	7.39 7.39	2.85 1.83 2.86 3.37 2.16 31.14 21.88 2.86 3.37 2.16	A 245	1.50												
15361+2517	1	F CC	A	A 76388 B 76388	8.971 0.178 10.996 1.147			234.026 858 00 234.026 878 69	+25.279 620 71 +25.279 589 79	3.55 3.55	-14.03 -14.03	5.86 5.86	2.57 11.00 1.32 0.82 0.96 62.62 50.93 1.32 0.82 0.96	A 149	0.13												
15361+4849	1	F CA	A	A 76387 B 76387	9.316 0.008 9.714 0.011			234.025 892 79 234.025 866 35	+48.815 967 27 +48.815 665 57	6.50 6.50	-22.25 -22.25	-11.66 -11.66	1.72 1.69 1.74 1.71 1.76 3.49 3.90 1.74 1.71 1.76	A 183.3	1.088												
15361+5531	1	F CA	A	A 76385 B 76385	9.308 0.008 9.748 0.012	9.422 0.020	8.974 0.024	234.020 696 68 234.021 130 38	+55.522 081 93 +55.521 780 72	5.23 5.23	-1.50 -1.50	54.52 54.52	1.63 1.67 1.56 1.46 1.59 3.83 4.08 1.56 1.46 1.59	A 140.8	1.40												
15361-8144	1	F CA	A	A 76391 B 76391	8.373 0.006 11.270 0.078	8.819 0.010	8.293 0.010	234.033 766 15 234.037 060 93	-81.726 141 50 -81.725 605 50	12.69 12.69	-19.82 -19.82	93.40 93.40	1.06 1.04 1.17 0.90 1.08 20.65 19.37 1.17 0.90 1.08	A 41.5	2.58												
15362+4915	1	F CC	A	A 76402 B 76402	9.445 0.098 11.655 0.752			234.061 061 40 234.061 094 48	+49.249 136 04 +49.249 089 65	3.47 3.47	-5.91 -5.91	-32.78 -32.78	6.26 7.04 0.95 1.00 0.87 41.98 67.17 0.95 1.00 0.87	A 155	0.18												
15362-6507	1	F CB	A	A 76396 B 76396	7.247 0.005 10.821 0.135	7.283 0.005	7.199 0.007	234.049 598 09 234.049 404 93	-65.114 493 48 -65.115 190 79	4.56 4.56	-46.76 -46.76	-44.45 -44.45	0.79 0.87 1.08 0.90 1.02 32.39 35.65 1.08 0.90 1.02	A 187	2.53												
15363-3035	1	F CA	A	A 76406 B 76406	9.841 0.013 12.178 0.114	10.535 0.040	9.747 0.033	234.072 259 25 234.071 966 54	-30.579 449 39 -30.579 871 74	12.08 12.08	-32.11 -32.11	-69.79 -69.79	2.66 1.69 2.76 2.74 2.31 30.03 16.47 2.76 2.74 2.31	A 211	1.77												
15363-3851	1	F CA	S	A 76405 S 76405	8.958 0.038 9.974 0.097			234.064 327 76 234.064 298 66	-38.846 325 34 -38.846 381 86	6.49 6.49	8.64 8.64	-36.32 -36.32	2.94 3.83 1.37 1.54 1.25 7.81 8.69 1.37 1.54 1.25	A 202	0.22												
15364+3723	1	F ND	D	A 76414 D 76414	8.988 0.428 8.992 0.429			234.109 113 29 234.109 146 40	+37.376 565 48 +37.376 578 98	0.72 0.72	-13.18 -13.18	8.65 8.65	19.25 11.37 0.96 0.84 0.90 19.24 11.35 0.96 0.84 0.90	A 63	0.11												
15366-7421	1	L CA	A	A 76429 B 76429	9.109 0.008 9.417 0.010	9.495 0.016	8.993 0.015	234.144 397 42 234.142 595 60	-74.354 019 04 -74.355 766 23	9.61 9.61	-14.18 24.41	29.23 -1.83	2.00 1.99 2.24 1.54 1.96 3.68 3.94 2.24 4.60 4.64	A 195.54	6.529	-0.40	+0.020										

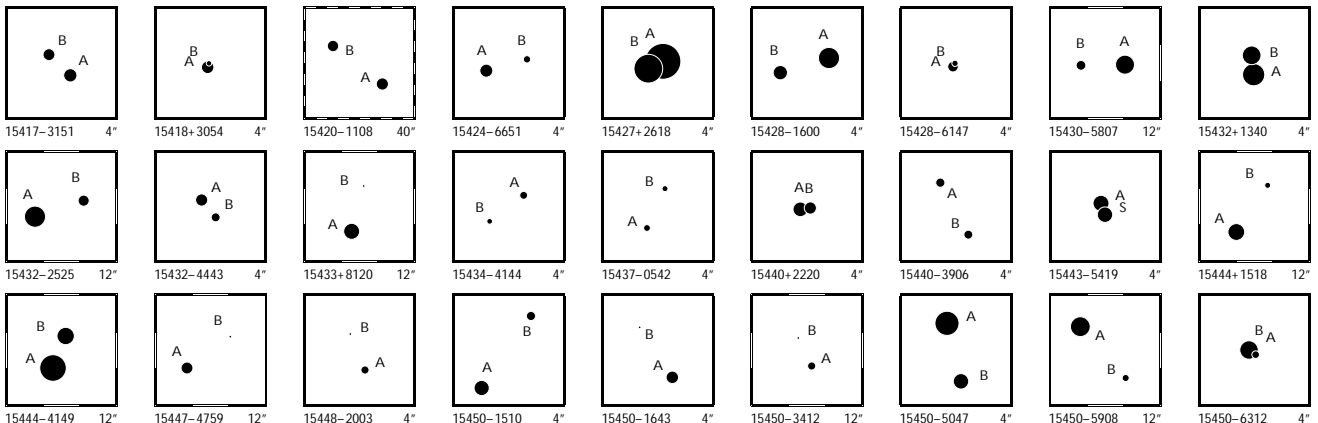


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15367-4208	1	F C B	A 76435 B 76435	9.129 0.015 11.253 0.107		9.852 0.024	9.141 0.020	234.170 008 13 234.168 496 04	-42.130 155 14 -42.130 562 59	15.64 15.64	-44.99 -44.99	-83.52 -83.52	4.03 3.14 4.59 46.26 35.77 4.59	3.92 3.41 3.92 3.41	A 250	4.30										
15368-0438	1	F C A	A 76451 B 76451	8.675 0.011 9.922 0.034				234.209 696 96 234.209 572 03	-4.637 990 46 -4.637 980 24	6.10 6.10	-13.97 -13.97	-32.89 -32.89	2.48 1.20 1.95 8.34 4.71 1.95	2.27 1.49 2.27 1.49	A 275	0.45										
15368-5010	1	F C A	A 76446 B 76446	8.784 0.007 10.042 0.018		9.324 0.037 10.520 0.078	8.753 0.035 9.669 0.057	234.193 814 04 234.192 512 66	-50.168 393 28 -50.170 412 33	16.50 16.50	-70.50 -70.50	-150.94 -150.94	1.52 1.47 1.81 6.43 6.06 1.81	1.87 1.99 1.87 1.99	A 202.4	7.86										
15369-3811	1	F C B	A 76457 B 76457	8.319 0.007 11.711 0.143				234.222 956 39 234.223 006 94	-38.180 756 33 -38.180 855 97	6.71 6.71	-24.68 -24.68	-34.64 -34.64	1.66 1.43 1.40 38.15 24.24 1.40	1.51 1.19 1.51 1.19	A 158	0.39										
15370+6426	1	L C A	A 76466 B 76466	9.483 0.037 9.731 0.046				234.251 500 69 234.251 571 91	+64.439 835 94 +64.439 780 72	18.82 18.82	-9.03 25.07	47.90 31.96	4.15 4.99 0.93 3.69 5.26 0.93	2.08 2.40 2.35 2.72	A 151	0.227	-6	+0.031								
15370-0041	1	F C A	A 76468 B 76468	9.825 0.009 10.750 0.021		10.266 0.038 11.027 0.094	9.634 0.034 10.263 0.070	234.255 753 92 234.254 288 73	-0.682 172 13 -0.682 486 71	6.72 6.72	-26.35 -26.35	-16.46 -16.46	2.53 1.70 2.75 8.62 5.83 2.75	2.74 2.59 2.74 2.59	A 257.9	5.39										
15371+2646	1	L C A	A 76474 B 76474	9.429 0.025 11.971 0.257				234.279 349 39 234.279 338 98	+26.760 155 33 +5.429 245 33	2.29 2.29	15.30 -52.66	-3.34 -15.80	3.57 6.20 2.51 41.10 42.55 2.51	2.38 2.12 20.02 16.83	A 355	0.36	-11	-0.01								
15371-2630	1	F C A	A 76473 B 76473	7.509 0.045 10.198 0.537				234.278 709 55 234.278 789 88	-26.492 371 96 -26.492 398 40	3.46 3.46	-10.15 -10.15	-5.69 -5.69	8.38 3.73 1.05 37.77 20.59 1.05	1.16 0.94 1.16 0.94	A 110	0.28										
15372+0526	1	F C B	A 76478 B 76478	10.747 0.020 10.803 0.021				234.297 844 66 234.297 863 00	+5.429 075 12 +5.429 245 33	13.60 13.60	13.22 13.22	-16.15 -16.15	8.90 12.26 9.15 11.18 12.99 9.15	10.90 15.95 10.90 15.95	A 6	0.62										
15372-2339	1	F C A	A 76479 B 76479	9.481 0.008 10.221 0.016				234.299 610 97 234.299 721 22	-23.651 549 28 -23.651 311 14	0.56 0.56	-8.62 -8.62	-6.42 -6.42	4.80 1.86 4.40 8.80 4.76 4.40	6.28 3.22 6.28 3.22	A 23.0	0.93										
15373-6433	1	F C A	A 76483 B 76483	8.618 0.026 9.628 0.067				234.314 159 31 234.314 330 05	-64.553 164 43 -64.553 209 86	1.03 1.03	-7.10 -7.10	-7.12 -7.12	3.77 2.78 1.32 7.30 6.57 1.32	1.09 1.22 1.09 1.22	A 122	0.31										
15374-4320	1	F C A	A 76491 S 76491	9.731 0.025 11.188 0.094				234.346 879 90 234.346 916 84	-43.338 715 37 -43.338 803 83	6.09 6.09	-84.97 -84.97	-66.78 -66.78	3.45 4.30 2.03 16.12 12.10 2.03	2.16 2.26 2.16 2.26	A 163	0.33										
15374-5422	1	F C A	A 76497 B 76497	8.027 0.004 10.975 0.063				234.358 567 67 234.358 813 60	-54.364 520 34 -54.364 338 73	4.14 4.14	-30.37 -30.37	-54.67 -54.67	1.07 0.89 1.30 17.46 15.96 1.30	1.17 1.17 1.17 1.17	A 38	0.83										
15375-3132	1	F C A	A 76499 B 76499	9.133 0.007 9.297 0.008		9.615 0.034 9.815 0.042	8.956 0.030 9.073 0.028	234.363 287 17 234.363 722 64	-31.526 719 46 -31.526 292 89	15.82 15.82	-2.77 -2.77	-46.79 -46.79	2.70 1.65 2.73 3.79 3.41 2.73	2.33 1.98 2.33 1.98	A 41.0	2.036										
15375-5137	1	I N D	A 76507 B 76510	9.201 0.008 10.777 0.024		10.794 0.048 11.239 0.083	9.174 0.021 10.562 0.072	234.379 332 59 234.388 418 49	-51.618 502 95 -51.612 362 59	4.64 -1.58	-9.49 13.16	-5.89 -11.71	2.23 2.03 2.23 9.81 8.07 6.40	2.42 2.33 7.41 6.81	A 42.58	30.02	+0.04	+0.01								
15379+3006	1	L C A	A 76536 B 76536	8.604 0.007 8.931 0.009		9.069 0.011 9.389 0.014	8.482 0.010 8.783 0.012	234.473 879 61 234.472 403 24	+30.102 902 12 +30.103 551 38	12.19 12.19	-39.80 -42.23	29.66 37.46	1.31 1.67 1.86 3.46 3.68 1.86	1.07 1.46 1.94 2.55	A 296.95	5.158	+0.06	+0.006								
15379+5005	1	F C A	A 76540 B 76540	8.033 0.062 9.844 0.327				234.480 756 49 234.480 820 41	+50.082 822 59 +50.082 796 76	22.35 22.35	-13.99 -13.99	-250.09 -250.09	4.66 2.92 0.67 21.76 16.74 0.67	0.70 0.68 0.70 0.68	A 122	0.17										
15379-3115	1	L C A	A 76535 B 76535	8.051 0.006 8.730 0.012				234.463 929 24 234.463 781 51	-31.252 059 53 -31.251 838 42	10.53 10.53	-66.13 -72.26	-8.85 -3.68	1.79 1.32 1.63 5.43 3.02 1.63	1.39 1.31 3.71 2.31	A 330.3	0.917	-0.2	+0.008								
15382+3615	1	F N B	A 76563 C 76566 D 76566	7.683 0.036 7.995 0.043 9.865 0.268		8.234 0.011 8.290 0.020	7.794 0.011 7.913 0.021	234.553 982 95 234.559 142 45 234.559 502 77	+36.246 746 11 +36.247 048 29 +36.247 139 41	11.42 11.42 11.42	-59.81 -59.81 -59.81	34.48 34.48 34.48	2.37 2.45 2.44 6.15 6.47 2.44 35.08 35.33 2.44	1.99 2.21 1.99 2.21 1.99 2.21	A 85.84 A 84.9	15.02 16.09										
15383+4842	1	F N D	A 76575 B 76575	9.813 0.016 13.738 0.592				234.572 880 33 234.573 055 19	+48.704 676 10 +48.704 680 40	14.61 14.61	52.49 52.49	-55.27 -55.27	1.77 1.48 1.44 128.80 108.14 1.44	1.38 1.40 1.38 1.40	A 88	0.42										
15383-0934	1	F N D	A 76570 B 76570	9.813 0.017 12.387 0.173		10.379 0.049 9.774 0.045		234.568 131 16 234.570 296 30	-9.574 252 80 -9.572 162 32	1.21 1.21	-13.74 -13.74	-19.95 -19.95	2.46 1.49 2.34 48.00 27.57 2.34	3.17 1.78 3.17 1.78	A 45.6	10.76										
15383-1734	1	F F D	A 76572 B 76572	10.153 0.014 12.423 0.105		10.513 0.047 10.060 0.049		234.568 652 55 234.568 637 92	-17.560 043 63 -17.558 975 05	17.93 17.93	-26.24 -26.24	-5.14 -5.14	5.26 3.85 5.56 81.94 64.61 5.56	5.35 5.26 5.35 5.26	A 359	3.85										
15384-2439	1	F C A	A 76578 B 76578	8.049 0.005 10.999 0.073				234.592 221 27 234.592 428 73	-24.654 934 37 -24.654 906 32	0.76 0.76	-14.69 -14.69	-7.86 -7.86	1.54 0.94 1.62 22.54 21.30 1.62	1.77 1.42 1.77 1.42	A 82	0.69										
15386+0700	1	F C B	A 76597 B 76597	8.348 0.006 11.733 0.116		9.529 0.025 8.286 0.015		234.657 739 28 234.658 130 78	+7.006 090 05 +7.005 765 00	2.92 2.92	30.86 30.86	-12.83 -12.83	1.91 1.34 1.88 59.55 42.33 1.88	1.94 1.68 1.94 1.68	A 130	1.82										
15387-0848	1	I C A	A 76603 B 76602	6.556 0.015 6.681 0.017		7.053 0.010 7.172 0.010	6.532 0.010 6.613 0.008	234.666 966 18 234.666 441 70	-8.791 423 77 -8.794 654 90	40.19 44.21	16.72 1.31	-27.28 -24.26	4.71 2.56 3.62 11.21 5.97 4.72	6.13 3.08 8.96 4.40	A 189.1	11.78	+0.1	0.00								
15389-1918	1	F C B	A 76628 B 76628	5.570 0.015 8.800 0.293				234.727 110 56 234.727 176 01	-19.301 706 84 -19.301 754 19	9.60 9.60	84.20 84.20	-75.23 -75.23	3.85 1.98 1.45 90.43 38.04 1.45	1.99 1.47 1.99 1.47	A 127	0.28										
15390+2545	1	L C A	A 76639 B 76639	9.035 0.044 9.150 0.049				234.760 814 85 234.760 868 11	+25.746 366 25 +25.746 403 67	11.04 11.04	34.26 29.93	-2.53 10.35	5.48 5.37 1.22 5.25 4.67 1.22	1.62 1.98 1.65 1.99	B 52	0.219	-3	+0.005								

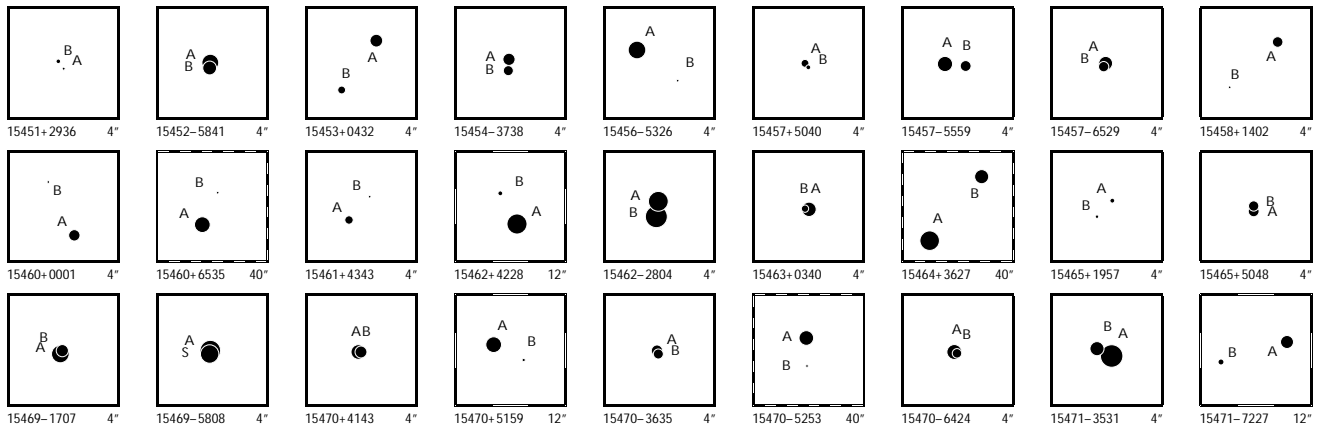


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt					
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
15391-0834	1	F CA	W	A 76646	9.672	0.035	9.882	0.043	9.349	0.036	234.774	720 77	-8.564	457 52	5.43	-102.28	-12.29	5.21	3.13	4.44	5.62	3.82	A	297.5	2.54			
				B 76646	9.956	0.037	10.049	0.048	9.422	0.031	234.774	088 26	-8.564	131 62	5.43	-102.28	-12.29	12.89	5.60	4.44	5.62	3.82						
15391-7218	1	F CA		A 76648	7.469	0.003	7.482	0.005	7.473	0.004	234.777	895 80	-72.297	619 39	4.38	-19.40	-15.05	0.54	0.69	0.78	0.53	0.79	A	320.5	2.08			
				B 76648	10.596	0.052	10.097	0.100	9.586	0.068	234.776	685 25	-72.297	172 26	4.38	-19.40	-15.05	9.36	11.83	0.78	0.53	0.79						
15392-3601	1	F CA		A 76652	9.514	0.009	10.982	0.049	9.480	0.021	234.798	275 09	-36.010	688 33	3.27	-11.73	-7.00	1.86	1.26	2.03	2.33	1.80	A	343	1.54			
				B 76652	12.142	0.097					234.798	124 54	-36.010	279 56	3.27	-11.73	-7.00	29.25	20.02	2.03	2.33	1.80						
15394+3331	1	F CA		A 76667	11.178	0.018					234.839	690 72	+33.517	901 81	-3.66	-14.94	16.78	6.73	5.20	6.06	7.23	6.11	A	252	0.74			
				B 76667	11.311	0.020					234.839	457 38	+33.517	837 57	-3.66	-14.94	16.78	9.84	8.94	6.06	7.23	6.11						
15394+3638	1	F CA		A 76669	4.987	0.003	4.867	0.003	4.979	0.003	234.844	515 83	+36.635	827 63	6.89	-15.29	-6.51	0.54	0.58	0.67	0.58	0.62	A	305.16	6.324			
				B 76669	5.952	0.007	5.792	0.005	5.913	0.005	234.842	726 18	+36.636	839 11	6.89	-15.29	-6.51	1.92	2.08	0.67	0.58	0.62						
15394-1355	1	F CA		A 76676	8.784	0.077					234.860	149 11	-13.910	802 22	14.11	-54.79	-160.35	4.37	6.61	1.15	1.28	0.96	A	356	0.17			
				B 76676	9.086	0.101					234.860	145 88	-13.910	754 30	14.11	-54.79	-160.35	5.74	8.44	1.15	1.28	0.96						
15394-2710	1	F CA		A 76673	10.342	0.019					234.851	771 86	-27.172	717 68	12.45	-16.86	-29.86	3.66	3.07	3.09	3.35	2.84	A	353	0.362			
				B 76673	10.592	0.024					234.851	758 29	-27.172	617 97	12.45	-16.86	-29.86	6.43	4.62	3.09	3.35	2.84						
15395-0104	1	F CB		A 76681	8.207	0.005					234.879	398 46	-1.065	250 28	5.45	-24.19	12.67	1.33	0.93	1.42	1.55	1.15	A	79	0.82			
				B 76681	11.750	0.125					234.879	622 35	-1.065	205 16	5.45	-24.19	12.67	47.26	31.96	1.42	1.55	1.15						
15396+7959	1	F CA		A 76695	7.404	0.004					234.911	329 35	+79.983	119 14	8.50	-32.21	39.99	0.95	0.99	0.92	0.90	1.14	A	27.3	0.669			
				B 76695	8.180	0.007					234.911	819 07	+79.983	284 31	8.50	-32.21	39.99	2.76	2.24	0.92	0.90	1.14						
15396-2739	1	F CA		A 76690	8.429	0.005	8.122	0.046	7.850	0.044	234.901	722 14	-27.643	252 00	8.06	12.19	3.28	2.19	1.44	1.86	2.05	1.57	A	281.7	1.84			
				B 76690	8.565	0.006					234.901	157 04	-27.643	148 66	8.06	12.19	3.28	5.88	1.90	1.86	2.05	1.57						
15399-1946	1	F CA		A 76714	7.708	0.004	8.035	0.013	7.613	0.010	234.976	992 28	-19.769	083 80	15.37	27.74	-23.72	4.26	1.68	3.34	10.91	4.19	A	43.5	1.816			
				B 76714	7.757	0.004	8.097	0.016	7.636	0.010	234.977	360 98	-19.768	717 76	15.37	27.74	-23.72	4.69	1.86	3.34	10.91	4.19						
15403-1432	1	F CA		A 76743	10.382	0.012	10.661	0.056	10.048	0.052	235.072	255 69	-14.527	842 41	2.80	-23.17	-29.69	4.77	2.44	4.05	5.48	2.68	A	310.0	1.58			
				B 76743	10.610	0.015					235.071	908 65	-14.527	560 81	2.80	-23.17	-29.69	9.77	6.92	4.05	5.48	2.68						
15404+2123	1	L CA		A 76761	8.700	0.007					235.098	743 07	+21.378	669 56	3.02	-22.28	17.65	2.08	1.58	1.96	1.93	1.49	A	135	0.69	-2	0.00	
				B 76761	10.727	0.043					235.098	889 11	+21.378	532 69	3.02	-5.58	36.22	13.15	9.88	1.96	1.93	1.49						
15405+1840	1	F CA		A 76769	8.389	0.005					235.118	572 42	+18.671	432 35	4.69	-17.76	16.29	2.31	3.35	2.48	2.44	3.91	B	1.6	0.688			
				B 76769	8.437	0.005					235.118	577 96	+18.671	623 50	4.69	-17.76	16.29	2.81	4.04	2.48	2.44	3.91						
15405-1842	1	F CA		A 76768	10.574	0.016					235.118	475 33	-18.695	782 51	23.47	-69.81	-157.08	4.10	2.36	4.10	4.79	2.93	A	66	0.87			
				B 76768	11.855	0.045					235.118	707 26	-18.695	683 72	23.47	-69.81	-157.08	20.75	12.14	4.10	4.79	2.93						
15405-6350	1	F CA		A 76770	8.433	0.005					235.119	249 85	-63.838	056 57	0.31	-8.92	-14.05	1.43	1.33	1.70	1.54	1.49	A	259.5	0.537			
				B 76770	9.206	0.011					235.118	917 09	-63.838	083 85	0.31	-8.92	-14.05	3.15	3.41	1.70	1.54	1.49						
15406+3128	1	F CA		A 76777	9.111	0.039					235.138	265 20	+31.472	153 05	2.59	-68.27	59.34	2.77	5.27	1.24	0.87	1.13	A	346	0.24			
				B 76777	10.181	0.106					235.138	245 78	+31.472	218 54	2.59	-68.27	59.34	7.68	10.51	1.24	0.87	1.13						
15410-1449	1	F CA		A 76816	9.583	0.008	10.017	0.032	9.428	0.030	235.258	085 29	-14.823	238 21	13.16	-29.41	-5.12	3.11	1.62	2.70	4.34	2.40	A	269.40	5.49			
				B 76816	9.973	0.012	10.918	0.076	9.854	0.049	235.256	506 60	-14.823	254 12	13.16	-29.41	-5.12	5.36	3.44	2.70	4.34	2.40						
15410-7145	1	F CA		A 76811	7.746	0.004					235.247	987 87	-71.744	768 32	1.32	-3.91	-7.17	0.70	0.85	1.02	0.64	0.93	A	197.5	1.06			
				B 76811	9.775	0.024					235.247	706 70	-71.745	048 21	1.32	-3.91	-7.17	5.41	7.28	1.02	0.64	0.93						
15411-3959	1	F CA		A 76824	6.900	0.004	7.176	0.014	6.705	0.012	235.278	768 05	-39.982	664 06	9.77	16.08	-51.31	1.25	1.02	1.34	1.44	1.23	A	163.4	1.36			
				B 76824	8.185	0.014					235.278	908 23	-39.983	024 86	9.77	16.08	-51.31	5.70	6.23	1.34	1.44	1.23						
15411-4752	1	F CC		A 76823	9.075	0.034	10.289	0.032	9.006	0.018	235.275	659 79	-47.862	216 44	4.32	-10.67	3.70	1.50	1.22	1.70	1.65	1.60	A	29	2.77			
				B 76823	12.255	0.629					235.276	215 31	-47.861	543 22	4.32	-10.67	3.70	68.20	46.46	1.70	1.65	1.60						
15413+0350	1	F CA		A 76835	10.401	0.018	11.130	0.072	10.314	0.054	235.316	163 80	+3.835	472 51	6.86	-3.09	-32.42	2.43	1.62	2.46	2.63	2.15	A	47.2	8.57			
				B 76835	12.334	0.104					235.317	913 48	+3.837	091 30	6.86	-3.09	-32.42	17.71	11.31	2.46	2.63	2.15						
15413+5959	1	L CA		A 76837	9.203	0.006					235.319	455 37	+59.987	722 28	18.07	-228.57	150.66	2.04	2.33	1.93	1.46	1.80	A	24.0	0.705	0.0	+0.019	
				B 76837	9.628	0.009					235.319	614 66	+59.987	901 23	18.07													

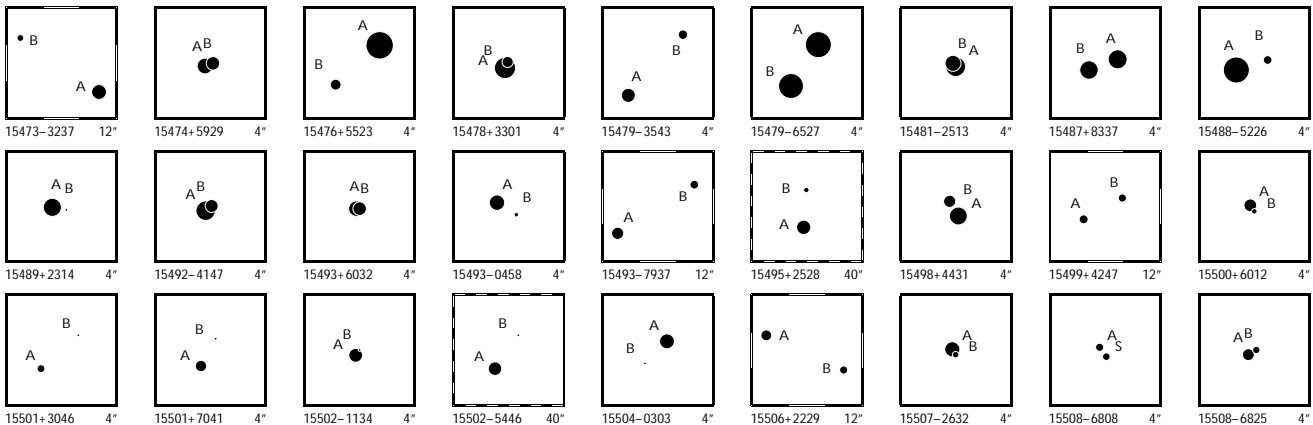
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15417-3151	1	FCA	A 76862 B 76862	9.049 0.007 9.368 0.009				235.436 307 43 235.436 556 76	-31.847 073 72 -31.846 859 29	10.58 10.58	2.16 -12.28 2.16 -12.28	2.63 1.95 2.60 2.66 2.44 6.38 3.61 2.60 2.66 2.44	A 44.6 1.09													
15418+3054	1	FCC	A 76869 B 76869	9.221 0.322 10.804 1.384			235.450 153 56 235.450 130 05	+30.901 598 50 +30.901 644 34	0.76 0.76	3.19 -14.09 3.19 -14.09	17.85 20.46 1.17 0.73 0.90 42.38 125.79 1.17 0.73 0.90	A 336 0.18														
15420-1108	1	ICA	A 76888 B 76891	9.324 0.025 9.503 0.027	9.884 0.034 10.119 0.037	9.185 0.030 9.384 0.030	235.499 768 24 235.504 930 91	-11.140 930 07 -11.136 981 60	16.92 12.92	53.99 -18.63 54.44 -18.51	5.04 3.77 4.19 4.82 4.65 10.37 7.05 6.86 8.11 7.85	A 52.06 23.12 0.00 0.00														
15424-6651	1	FCA	A 76919 B 76919	9.131 0.010 10.372 0.030	10.207 0.029 10.463 0.073	8.974 0.013 9.694 0.054	235.589 944 89 235.588 882 97	-66.846 765 00 -66.846 648 43	0.57 0.57	-4.54 -3.18 -4.54 -3.18	1.31 1.54 2.01 1.33 1.80 5.57 6.72 2.01 1.33 1.80	A 285.6 1.56														
15427+2618	1	LCA	A 76952 B 76952	4.055 0.002 5.616 0.007			235.685 992 69 235.686 159 86	+26.295 514 19 +26.295 435 62	22.48 22.48	-112.52 50.70 -94.03 44.29	0.54 0.55 0.67 0.48 0.58 2.17 2.32 0.67 1.14 1.28	A 117.7 0.609 -0.3 +0.019														
15428-1600	1	FCA	A 76954 B 76954	7.335 0.006 8.802 0.022	7.685 0.013 7.153 0.014		235.693 417 67 235.693 939 27	-16.013 576 43 -16.013 728 20	15.23 15.23	-115.59 -48.58 -115.59 -48.58	1.48 0.92 1.42 1.45 1.12 9.30 4.60 1.42 1.45 1.12	A 106.8 1.89														
15428-6147	1	FCC	A 76958 B 76958	9.649 0.264 10.642 0.659			235.711 852 32 235.711 815 94	-61.777 174 25 -61.777 141 14	8.37 8.37	8.09 20.99 8.09 20.99	8.96 13.75 1.34 1.05 1.23 25.78 40.58 1.34 1.05 1.23	A 333 0.13														
15430-5807	1	LCA	A 76968 B 76968	7.818 0.013 9.816 0.066	9.970 0.037 10.151 0.053	8.047 0.015 9.742 0.061	235.742 710 71 235.745 296 40	-58.114 663 01 -58.114 707 55	-0.21 -0.21	5.37 -0.52 -30.04 -11.85	1.82 1.52 1.81 1.59 1.58 15.68 11.10 1.81 8.91 8.75	A 91.9 4.92 +0.1 -0.04														
15432+1340	1	FCA	A 76985 B 76985	7.061 0.003 7.878 0.006			235.793 928 69 235.793 951 00	+13.667 753 70 +13.667 950 48	5.18 5.18	-20.16 -35.87 -20.16 -35.87	1.41 0.93 1.26 1.59 1.32 3.24 1.86 1.26 1.59 1.32	A 6.3 0.713														
15432-2525	1	FCA	A 76988 B 76988	7.341 0.003 9.517 0.019	7.652 0.008 9.884 0.065	7.267 0.011 9.296 0.067	235.798 098 36 235.796 430 66	-25.415 547 90 -25.415 034 37	8.59 8.59	27.83 -15.10 27.83 -15.10	1.27 0.77 1.39 1.35 1.23 8.97 5.14 1.39 1.35 1.23	A 288.8 5.73														
15432-4443	1	FCA	A 76990 B 76990	9.320 0.007 10.025 0.013			235.799 956 95 235.799 755 04	-44.719 748 81 -44.719 923 53	27.30 27.30	-154.74 -140.30 -154.74 -140.30	2.28 1.96 2.64 2.66 2.39 6.29 5.12 2.64 2.66 2.39	A 219.4 0.814														
15433+8120	1	FCB	A 77002 B 77002	8.442 0.007 11.828 0.158	8.930 0.013 8.367 0.012		235.844 274 27 235.841 813 13	+81.319 294 99 +81.320 659 96	7.78 7.78	-96.60 68.55 -96.60 68.55	1.20 1.27 1.25 1.08 1.41 35.94 42.57 1.25 1.08 1.41	A 344.8 5.09														
15434-4144	1	FCA	A 77006 B 77006	10.253 0.010 10.736 0.015	10.232 0.046 10.465 0.082	9.575 0.034 9.802 0.062	235.852 657 87 235.853 129 09	-41.736 043 27 -41.736 305 82	8.12 8.12	-38.84 16.76 -38.84 16.76	2.83 1.77 2.60 3.02 2.21 6.43 4.31 2.60 3.02 2.21	A 126.7 1.58														
15437-0542	1	FCA	A 77030 B 77030	10.482 0.009 10.674 0.010	10.383 0.039 10.451 0.078	9.732 0.038 9.896 0.067	235.918 768 59 235.918 587 83	-5.699 366 98 -5.698 959 36	8.57 8.57	-39.31 1.08 -39.31 1.08	3.05 1.91 3.12 3.48 2.88 5.78 3.63 3.12 3.48 2.88	A 336.2 1.604														
15440+2220	1	FCA	A 77045 B 77045	8.731 0.009 9.294 0.015			235.991 414 13 235.991 295 76	+22.339 788 77 +22.339 794 50	7.46 7.46	-12.70 -22.29 -12.70 -22.29	2.02 1.93 2.19 1.67 1.56 3.57 4.28 2.19 1.67 1.56	A 273 0.395														
15440-3906	1	FCA	A 77051 B 77051	9.961 0.009 10.043 0.010	10.075 0.034 10.117 0.033	9.515 0.028 9.583 0.035	236.004 694 69 236.004 321 71	-39.094 757 76 -39.095 290 62	6.79 6.79	-28.92 -39.98 -28.92 -39.98	3.60 2.18 3.27 3.74 2.55 7.09 4.20 3.27 3.74 2.55	A 208.5 2.183														
15443-5419	1	FCA	A 77073 S 77073	8.443 0.009 8.553 0.009			236.069 397 80 236.069 330 48	-54.320 814 60 -54.320 932 86	4.96 4.96	-17.37 -16.62 -17.37 -16.62	1.39 1.76 1.79 1.58 1.62 1.89 2.30 1.79 1.58 1.62	A 198.4 0.449														
15444+1518	1	FCA	A 77083 B 77083	8.299 0.007 10.682 0.056	8.955 0.021 8.234 0.017		236.090 676 57 236.089 678 49	+15.299 842 49 +15.301 280 66	21.23 21.23	67.87 -47.55 67.87 -47.55	1.72 1.30 1.56 1.87 1.90 17.69 12.00 1.56 1.87 1.90	A 326.2 6.23														
15444-4149	1	FCA	A 77086 B 77086	6.093 0.003 8.144 0.020	6.028 0.004 8.222 0.015	6.076 0.006 7.944 0.016	236.094 533 94 236.094 053 52	-41.819 018 26 -41.818 050 43	7.07 7.07	-17.70 -28.98 -17.70 -28.98	0.84 0.73 0.95 0.86 0.84 7.31 7.77 0.95 0.86 0.84	A 339.7 3.71														
15447-4759	1	FCA	A 77107 B 77107	9.368 0.008 12.144 0.093	9.931 0.039 9.314 0.036		236.165 961 22 236.163 995 91	-47.987 867 99 -47.986 900 04	10.41 10.41	48.69 17.03 48.69 17.03	1.63 1.45 1.93 1.70 1.64 31.71 24.51 1.93 1.70 1.64	A 306.3 5.88														
15448-2003	1	FCA	A 77116 B 77116	10.171 0.022 11.969 0.111	11.280 0.099 10.142 0.057		236.191 578 89 236.191 749 08	-20.053 493 23 -20.053 131 77	6.32 6.32	-51.24 -20.18 -51.24 -20.18	4.08 2.20 3.97 3.72 2.47 40.29 19.07 3.97 3.72 2.47	A 24 1.42														
15450-1510	1	FCA	A 77139 B 77139	8.613 0.005 9.961 0.015	9.012 0.021 8.502 0.021		236.248 622 64 236.248 096 10	-15.174 970 29 -15.174 237 89	9.94 9.94	-0.36 -2.81 -0.36 -2.81	1.72 1.05 1.67 1.76 1.55 7.53 3.16 1.67 1.76 1.55	A 325.2 3.209														
15450-1643	1	FCA	A 77137 B 77137	9.233 0.009 11.821 0.091	9.590 0.023 9.172 0.023		236.242 873 69 236.243 220 23	-16.717 403 76 -16.716 891 62	5.26 5.26	-14.95 13.06 -14.95 13.06	1.86 1.23 1.85 2.05 1.77 25.33 15.55 1.85 2.05 1.77	A 33 2.20														
15450-3412	1	FCA	A 77135 B 77135	10.214 0.011 11.936 0.051	11.063 0.059 10.166 0.041		236.240 435 95 236.240 929 64	-34.198 194 73 -34.197 340 16	6.98 6.98	-20.55 -25.89 -20.55 -25.89	2.56 1.84 2.92 3.32 2.52 15.82 12.69 2.92 3.32 2.52	A 25.5 3.41														
15450-5047	1	FCA	A 77138 B 77138	6.631 0.004 8.567 0.021	6.737 0.006 8.691 0.016	6.595 0.006 8.321 0.019	236.248 390 94 236.248 161 70	-50.785 407 37 -50.786 006 84	10.15 10.15	-52.04 -23.10 -52.04 -23.10	0.86 0.72 0.95 0.84 0.81 7.04 5.43 0.95 0.84 0.81	A 193.6 2.22														
15450-5908	1	FCA	A 77140 B 77140	7.629 0.005 10.429 0.061	7.801 0.009 7.556 0.014		236.250 788 68 236.248 095 84	-59.123 855 86 -59.125 445 14	7.48 7.48	-28.61 -30.01 -28.61 -30.01	1.09 1.06 1.22 1.43 1.58 16.55 14.54 1.22 1.43 1.58	A 221.0 7.58														
15450-6312	1	FCA	A 77142 B 77142	7.892 0.024 10.335 0.224			236.252 932 89 236.252 789 12	-63.208 105 81 -63.208 153 80	1.64 1.64	-4.48 -12.01 -4.48 -12.01	4.20 3.46 1.60 1.24 1.42 26.04 26.51 1.60 1.24 1.42	B 233 0.29														



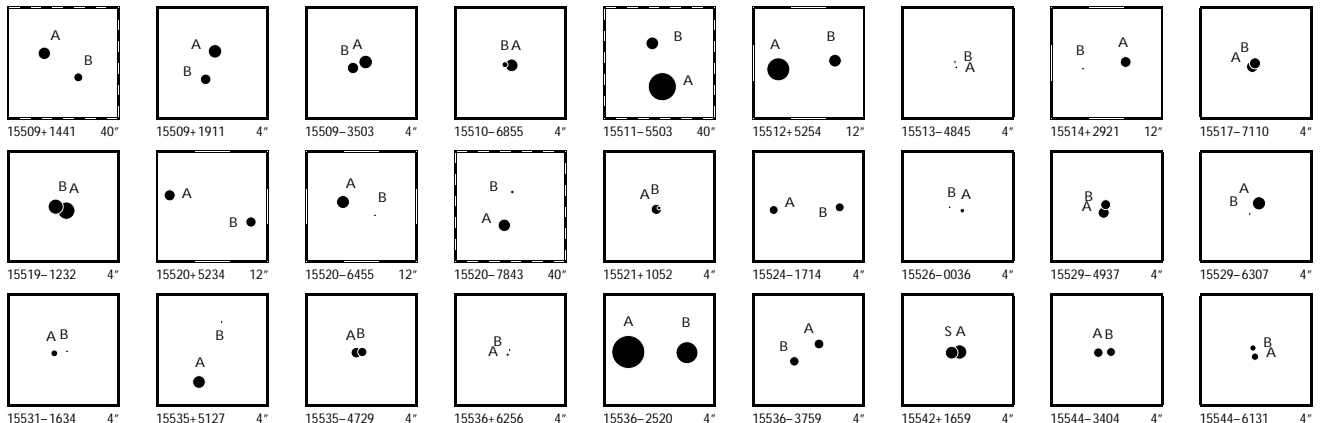
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15451+2936	1	F CA	B 77147 A 77147	11.000 11.332	0.034 0.046								236.270 528 96 236.270 466 99	+29.601 486 66 +29.601 412 99	2.41 2.41	-19.32 -19.32	5.78 5.78	3.81 4.07 2.31 8.02 7.93 2.31	1.34 1.73 1.34 1.73					B 216	0.33		
15452-5841	1	F CA	A 77160 B 77160	8.289 8.934	0.067 0.121								236.317 587 64 236.317 603 23	-58.687 114 95 -58.687 170 44	2.41 2.41	9.36 9.36	-0.07 -0.07	4.10 6.89 1.24 8.59 10.68 1.24	1.12 1.38 1.12 1.38				A 172	0.20			
15453+0432	1	F CA	A 77162 B 77162	9.192 10.259	0.009 0.022	9.430 10.229	0.022 0.056	8.992 9.696	0.022 0.045				236.334 213 96 236.334 569 37	+4.532 473 85 +4.531 973 35	8.56 8.56	1.41 1.41	-14.63 -14.63	2.01 1.61 1.99 7.74 5.15 1.99	2.51 2.26 2.51 2.26				A 144.7	2.21			
15454-3738	1	F CA	A 77167 B 77167	9.276 9.752	0.008 0.012								236.356 672 57 236.356 684 04	-37.630 393 56 -37.630 513 94	2.12 2.12	-12.60 -12.60	-12.21 -12.21	2.34 1.91 2.15 4.77 3.28 2.15	2.87 2.41 2.87 2.41				A 176	0.435			
15456-5326	1	F CB	A 77182 B 77182	8.114 11.512	0.006 0.125	9.167 8.022	0.017 0.011						236.402 612 03 236.401 922 96	-53.437 824 11 -53.438 131 71	4.19 4.19	9.88 9.88	11.46 11.46	1.26 1.00 1.46 33.21 28.30 1.46	1.32 1.28 1.32 1.28				A 233	1.85			
15457+5040	1	F CA	A 77188 B 77188	10.251 10.948	0.161 0.306								236.419 769 40 236.419 716 61	+50.672 452 10 +50.672 409 86	7.83 7.83	-19.35 -19.35	37.04 37.04	11.16 11.13 1.18 20.47 24.40 1.18	1.20 1.31 1.20 1.31				A 218	0.19			
15457-5559	1	F CA	A 77187 B 77187	8.634 9.584	0.005 0.013								236.416 589 32 236.416 206 84	-55.975 142 46 -55.975 160 81	0.14 0.14	-6.61 -6.61	-4.03 -4.03	1.51 1.16 1.62 3.85 3.42 1.62	1.77 1.51 1.77 1.51				A 265.1	0.773			
15457-6529	1	L CA	A 77189 B 77189	8.959 9.719	0.248 0.499								236.425 306 16 236.425 356 34	-65.485 423 88 -65.485 452 84	10.37 10.37	-55.67 -13.98	-68.78 -33.26	10.91 12.30 1.07 20.50 25.29 1.07	7.69 6.07 11.98 9.91				A 144	0.13	-24	0.00	
15458+1402	1	F ND	A 77202 B 77202	9.669 13.340	0.011 0.317	10.080 9.607	0.040 0.043						236.457 568 28 236.458 080 38	+14.038 951 56 +14.038 485 48	2.69 2.69	-11.81 -11.81	9.97 9.97	2.32 1.57 1.82 108.26 73.22 1.82	2.75 2.19 2.75 2.19				A 133	2.45			
15460+0001	1	F CA	A 77221 B 77221	9.451 11.715	0.009 0.069	10.713 9.389	0.052 0.027						236.503 859 12 236.504 123 68	+0.011 791 44 +0.012 332 56	2.72 2.72	-1.07 -1.07	-24.61 -24.61	2.46 1.80 2.67 26.34 17.59 2.67	2.89 2.37 2.89 2.37				A 26	2.17			
15460+6535	1	F CA	A 77223 B 77223	8.532 11.621	0.007 0.117	8.993 8.453	0.024 0.023						236.506 063 70 236.502 093 97	+65.579 874 91 +65.583 105 18	9.70 9.70	-55.60 -55.60	68.72 68.72	1.01 1.00 1.00 27.48 29.16 1.00	1.06 1.06 1.06 1.06				A 333.1	13.04			
15461+4343	1	F ND	A 77229 B 77229	10.164 13.425	0.016 0.321	10.632 10.010	0.041 0.037						236.528 951 05 236.528 661 54	+43.709 440 15 +43.709 673 35	6.10 6.10	-5.01 -5.01	8.77 8.77	1.79 1.87 1.95 66.91 75.83 1.95	2.08 2.23 2.08 2.23				A 318	1.13			
15462+4228	1	F CA	A 77236 B 77236	7.557 10.902	0.005 0.106	8.580 10.937	0.009 0.112	7.483 10.380	0.006 0.120				236.556 940 05 236.557 652 67	+42.468 372 34 +42.469 313 43	3.43 3.43	-34.54 -34.54	19.54 19.54	0.74 0.79 0.87 17.25 19.27 0.87	0.80 0.89 0.80 0.89				A 29.2	3.88			
15462-2804	1	F CA	A 77235 B 77235	7.116 7.591	0.004 0.006								236.553 724 48 236.553 697 51	-28.061 427 41 -28.061 268 45	14.69 14.69	-63.36 -63.36	-22.14 -22.14	1.70 1.11 1.68 2.62 1.70 1.68	1.90 1.76 1.90 1.76				B 351.5	0.579			
15463+0340	1	F CA	A 77240 B 77240	8.798 10.350	0.173 0.722								236.568 371 21 236.568 408 96	+3.662 244 48 +3.662 251 11	4.66 4.66	-39.78 -39.78	-12.09 -12.09	13.72 3.67 1.27 39.08 23.17 1.27	1.43 1.38 1.43 1.38				A 80	0.14			
15464+3627	1	IN B	A 77252 B 77245	7.667 8.909	0.005 0.010	8.117 9.429	0.007 0.016	7.589 8.791	0.007 0.015				236.602 400 03 236.595 804 23	+36.445 863 65 +36.452 473 63	12.41 12.41	-102.70 -101.90	55.61 58.68	1.22 1.43 1.33 3.31 3.93 2.41	1.19 1.54 2.26 2.83				A 321.249	30.513	+0.005	+0.002	
15465+1957	1	F CA	A 77269 B 77269	10.941 11.199	0.019 0.024								236.635 214 68 236.635 380 70	+19.953 991 08 +19.953 823 85	21.28 21.28	-126.22 -126.22	113.19 113.19	4.71 6.86 4.98 7.82 9.76 4.98	6.05 10.52 6.05 10.52				A 137	0.82			
15465+5048	1	L CA	A 77263 B 77263	9.613 9.715	0.069 0.076								236.617 531 78 236.617 533 24	+50.799 919 57 +50.799 981 40	17.63 17.63	6.96 4.99	29.34 11.96	5.27 7.79 1.05 7.41 8.44 1.05	3.05 2.13 3.65 2.47				A 1	0.223	0	-0.017	
15469-1707	1	F CA	A 77297 B 77297	8.079 9.328	0.078 0.245								236.717 599 77 236.717 582 39	-17.108 695 46 -17.108 657 91	4.64 4.64	-1.97 -1.97	4.10 4.10	5.11 5.08 1.23 16.51 15.19 1.23	1.40 1.15 1.40 1.15				A 336	0.15			
15469-5808	1	F CA	A 77294 S 77294	7.423 7.927	0.120 0.191								236.712 356 29 236.712 370 21	-58.125 123 92 -58.125 161 55	7.61 7.61	-24.94 -24.94	-44.41 -44.41	4.79 8.57 0.81 7.51 11.19 0.81	0.68 0.76 0.68 0.76				A 169	0.14			
15470+4143	1	F CC	A 77312 B 77312	8.755 9.340	0.345 0.591								236.758 987 62 236.758 948 54	+41.719 721 49 +41.719 719 33	6.02 6.02	-21.21 -21.21	0.44 0.44	18.44 6.99 0.69 26.54 13.20 0.69	0.59 0.65 0.59 0.65				A 266	0.11			
15470+5159	1	F CA	A 77303 B 77303	8.539 11.305	0.006 0.070	8.996 8.448	0.012 0.012						236.738 613 70 236.737 096 19	+51.979 492 08 +51.979 025 43	8.76 8.76	-31.49 -31.49	56.30 56.30	1.04 1.10 1.09 20.60 16.60 1.09	1.07 1.16 1.07 1.16				A 243.5	3.76			
15470-3635	1	F CA	A 77308 B 77308	9.493 9.807	0.347 0.462								236.747 339 95 236.747 324 71	-36.582 866 88 -36.582 900 74	4.48 4.48	-4.23 -4.23	6.04 6.04	10.53 24.21 1.40 16.43 20.38 1.40	1.22 1.17 1.22 1.17				A 200	0.13			
15470-5253	1	F CA	A 77311 B 77311	8.734 11.768	0.009 0.136	8.768 8.692	0.014 0.017						236.751 119 73 236.751 137 43	-52.887 919 17 -52.890 848 66	1.08 1.08	-3.37 -3.37	-10.44 -10.44	1.45 1.26 1.82 26.51 24.25 1.82	1.66 1.67 1.66 1.67				A 179.8	10.55			
15470-6424	1	F CA	A 77306 B 77306	8.674 9.912	0.109 0.341								236.744 548 50 236.744 462 78	-64.407 856 97 -64.407 869 65	0.55 0.55	-3.55 -3.55	-5.90 -5.90	7.15 4.74 0.91 20.59 18.34 0.91	0.68 0.80 0.68 0.80				A 251	0.14			
15471-3531	1	F CA	A 77315 B 77315	7.019 8.905	0.003 0.018								236.768 627 36 236.768 816 23	-35.510 285 71 -35.510 207 58	7.64 7.64	-21.59 -21.59	-24.32 -24.32	1.54 1.07 1.66 8.43 8.89 1.66	1.52 1.37 1.52 1.37				A 63	0.62			
15471-7227	1	F CA	A 77320 B 77320	9.134 10.652	0.007 0.025	9.029 10.626	0.011 0.036	9.095 10.409	0.015 0.048				236.778 777 64 236.785 444 47	-72.443 636 31 -72.444 237 05	1.47 1.47	-4.03 -4.03	-8.27 -8.27	1.10 1.39 1.58 6.11 6.96 1.58	0.99 1.60 0.99 1.60				A 106.6	7.56			



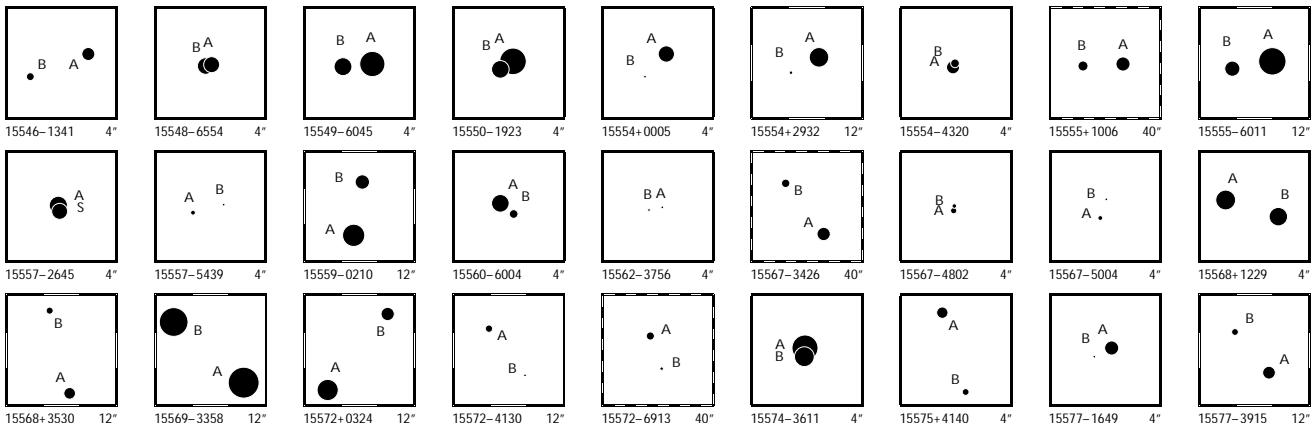
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15473-3237	1	I CA	A 77330 B 77331	8.718 0.006 10.525 0.023	9.139 0.015	8.654 0.015		236.815 828 28 -32.614 947 09 236.818 706 23 -32.613 280 47	7.78 10.15	-37.34 -41.46 -33.02 -48.32	2.55 1.53 2.17 2.52 2.07 11.83 7.75 7.66 9.28 7.95	A 55.49 10.59 +0.04 0.00														
15474+5929	1	F CA	A 77353 B 77353	8.539 0.024 8.984 0.036				236.858 494 77 +59.485 690 46 236.858 329 83 +59.485 719 69	2.30 2.30	-41.53 22.36 -41.53 22.36	3.30 1.97 0.83 0.81 0.84 4.36 3.41 0.83 0.81 0.84	A 289 0.319														
15476+5523	1	F CA	A 77370 B 77370	5.965 0.002 9.613 0.054	6.175 0.004	5.905 0.004		236.907 973 51 +55.376 615 23 236.908 773 07 +55.376 212 98	12.56 12.56	12.64 4.82 12.64 4.82	0.52 0.53 0.52 0.59 0.63 13.99 12.24 0.52 0.59 0.63	A 131.5 2.18														
15478+3301	1	F CA	A 77379 B 77379	7.336 0.019 9.560 0.145				236.937 729 71 +33.011 944 59 236.937 696 91 +33.012 005 19	3.37 3.37	-16.09 15.74 -16.09 15.74	1.65 2.48 0.76 0.60 0.72 10.88 13.05 0.76 0.60 0.72	A 336 0.24														
15479-3543	1	F CA	A 77393 B 77393	8.880 0.005 9.922 0.013	9.241 0.017	8.734 0.017		236.980 670 89 -35.719 210 24 236.979 976 04 -35.718 586 75	5.25 5.25	18.30 -40.12 18.30 -40.12	1.99 1.30 2.24 2.11 1.90 6.05 3.53 2.24 2.11 1.90	A 317.9 3.03														
15479-6527	1	L CA	A 77390 B 77390	6.259 0.003 6.484 0.004	6.319 0.044	6.089 0.047		236.971 230 90 -65.442 189 88 236.971 899 82 -65.442 614 11	8.03 8.03	-27.98 -41.74 -28.00 -34.83	1.11 1.20 1.29 1.08 1.39 2.01 2.08 1.29 1.32 1.59	A 146.8 1.826 -0.1 -0.006														
15481-2513	1	F CA	A 77399 B 77399	7.598 0.114 8.488 0.259				237.013 773 92 -25.215 559 83 237.013 809 56 -25.215 533 73	6.03 6.03	-19.10 -25.93 -19.10 -25.93	7.54 5.99 1.08 1.01 0.70 17.83 16.01 1.08 1.01 0.70	A 51 0.15														
15487+8337	1	F CA	A 77448 B 77448	7.809 0.004 7.937 0.005				237.177 171 93 +83.619 659 24 237.179 849 98 +83.619 549 45	2.38 2.38	2.95 -0.82 2.95 -0.82	1.05 1.12 1.02 0.91 1.28 1.65 1.54 1.02 0.91 1.28	A 110.2 1.142														
15488-5226	1	F CB	A 77454 B 77454	6.223 0.006 10.056 0.215	7.857 0.011	6.210 0.005		237.210 062 96 -52.438 227 30 237.209 532 93 -52.438 123 17	4.22 4.22	2.24 -11.83 2.24 -11.83	1.06 0.86 1.25 1.11 1.09 46.56 29.15 1.25 1.11 1.09	A 288 1.22														
15489+2314	1	F CA	A 77459 B 77459	7.962 0.004 11.577 0.102				237.221 323 24 +23.241 647 91 237.221 163 81 +23.241 625 40	18.22 18.22	-49.02 -43.17 -49.02 -43.17	1.03 1.06 1.37 0.85 1.04 20.85 35.76 1.37 0.85 1.04	A 261 0.53														
15492-4147	1	F CA	A 77481 B 77481	7.672 0.021 9.101 0.077				237.312 053 57 -41.791 307 60 237.311 974 02 -41.791 263 39	2.29 2.29	-1.45 -15.09 -1.45 -15.09	4.39 2.61 1.17 1.11 1.00 16.35 8.99 1.17 1.11 1.00	A 307 0.27														
15493+6032	1	F CA	A 77482 B 77482	8.600 0.187 9.009 0.273				237.315 435 55 +60.527 355 49 237.315 365 92 +60.527 351 94	10.66 10.66	-92.64 9.43 -92.64 9.43	12.28 5.15 0.65 0.56 0.65 13.75 8.71 0.65 0.56 0.65	A 264 0.12														
15493-0458	1	F CA	A 77486 B 77486	8.567 0.005 10.996 0.047				237.324 339 22 -4.961 472 75 237.324 137 12 -4.961 597 16	2.17 2.17	-3.91 -5.49 -3.91 -5.49	1.62 1.01 1.50 1.49 1.21 17.04 11.77 1.50 1.49 1.21	A 238 0.85														
15493-7937	1	F CA	A 77492 B 77492	9.300 0.008 10.056 0.015	9.980 0.019	9.178 0.016		237.342 729 74 -79.623 419 25 237.329 632 93 -79.621 929 02	8.83 8.83	-27.07 -51.43 -27.07 -51.43	1.42 1.52 1.70 1.37 1.70 3.97 4.23 1.70 1.37 1.70	A 302.27 10.045														
15495+2528	1	I CA P	A 77504 B 77503	8.790 0.011 10.783 0.059	9.424 0.018	8.722 0.016		237.387 317 53 +25.460 193 53 237.386 995 13 +25.464 036 14	5.72 8.35	-47.50 6.05 -30.94 5.98	2.21 2.25 2.64 2.41 2.31 19.62 23.26 10.68 15.39 15.46	A 355.7 13.87 +0.1 0.00														
15498+4431	1	F CA	A 77529 B 77529	8.027 0.004 9.298 0.013				237.458 204 61 +44.522 072 39 237.458 330 04 +44.522 225 03	3.29 3.29	-12.52 4.01 -12.52 4.01	0.96 1.02 1.05 1.16 1.20 3.55 3.62 1.05 1.16 1.20	A 30.4 0.637														
15499+4247	1	F CA	A 77530 B 77530	10.022 0.013 10.199 0.015	10.375 0.031	9.895 0.031		237.463 624 61 +42.788 712 13 237.462 004 92 +42.789 372 04	2.05 2.05	-31.43 26.56 -31.43 26.56	2.31 2.56 2.41 2.60 3.12 5.26 5.43 2.41 2.60 3.12	A 299.0 4.89														
15500+6012	1	F CA	A 77544 B 77544	9.209 0.035 10.791 0.151				237.497 000 15 +60.204 739 47 237.496 919 64 +60.204 676 79	3.33 3.33	12.60 -15.53 12.60 -15.53	3.42 4.23 1.19 1.06 1.27 14.06 17.36 1.19 1.06 1.27	A 213 0.27														
15501+3046	1	F ND D	A 77555 B 77555	10.286 0.010 13.792 0.231	11.970 0.105	10.194 0.031		237.514 553 87 +30.761 008 12 237.514 117 66 +30.761 341 63	2.20 2.20	4.51 -2.19 4.51 -2.19	1.44 1.58 2.00 1.39 1.65 67.04 74.62 2.00 1.39 1.65	A 312 1.81														
15501+7041	1	F CA	A 77559 B 77559	9.463 0.007 11.501 0.045	9.907 0.024	9.340 0.021		237.525 813 45 +70.679 620 93 237.525 345 83 +70.679 897 49	6.98 6.98	-27.49 -4.64 -27.49 -4.64	1.29 1.30 1.23 1.48 1.45 9.93 13.54 1.23 1.48 1.45	A 331 1.14														
15502-1134	1	F CB	A 77572 B 77572	8.953 0.035 11.821 0.485				237.555 437 51 -11.564 639 38 237.555 391 44 -11.564 581 02	4.22 4.22	-18.17 -18.98 -18.17 -18.98	6.96 5.37 2.63 2.89 2.27 103.12 47.49 2.63 2.89 2.27	A 322 0.27														
15502-5446	1	I CA	A 77567 B 77566	8.988 0.009 11.639 0.095	9.108 0.016	8.976 0.019		237.547 812 73 -54.760 981 10 237.543 684 01 -54.757 521 22	0.29 -1.89	-3.83 -3.65 -14.65 25.46	2.36 2.03 2.29 2.48 2.37 44.01 31.82 17.15 32.88 29.01	A 325.4 15.12 0.0 +0.03														
15504-0303	1	F CB	A 77581 B 77581	8.719 0.015 12.019 0.319	9.341 0.028	8.699 0.025		237.598 415 30 -3.055 291 78 237.598 648 79 -3.055 511 23	9.75 9.75	-25.50 -7.79 -25.50 -7.79	2.20 1.64 2.52 3.03 2.88 53.19 32.45 2.52 3.03 2.88	A 133 1.15														
15506+2229	1	F CA	A 77608 B 77608	9.626 0.009 10.225 0.016	10.099 0.025	9.550 0.025		237.662 932 27 +22.476 390 59 237.660 329 56 +22.475 317 77	6.72 6.72	-7.18 14.76 -7.18 14.76	1.77 1.98 2.73 1.88 2.02 3.96 5.51 2.73 1.88 2.02	A 245.96 9.480														
15507-2632	1	F CA	A 77611 B 77611	8.613 0.044 10.560 0.265				237.666 905 87 -26.529 456 40 237.666 869 68 -26.529 508 23	5.02 5.02	-4.68 -6.85 -4.68 -6.85	5.99 5.11 1.69 1.70 1.60 31.14 19.93 1.69 1.70 1.60	A 212 0.22														
15508-6808	1	F CA	A 77618 S 77618	10.197 0.017 10.321 0.019				237.688 498 62 -68.132 083 15 237.688 310 47 -68.132 179 42	10.68 10.68	36.32 -50.18 36.32 -50.18	2.06 3.33 3.08 1.79 3.00 3.27 5.37 3.08 1.79 3.00	A 216 0.43														
15508-6825	1	F CA	A 77620 B 77620	9.349 0.017 10.372 0.044				237.694 430 21 -68.425 027 96 237.694 204 05 -68.424 981 63	-0.75 -0.75	-5.94 -5.62 -5.94 -5.62	2.81 2.40 1.64 0.96 1.48 6.12 6.85 1.64 0.96 1.48	A 299 0.343														



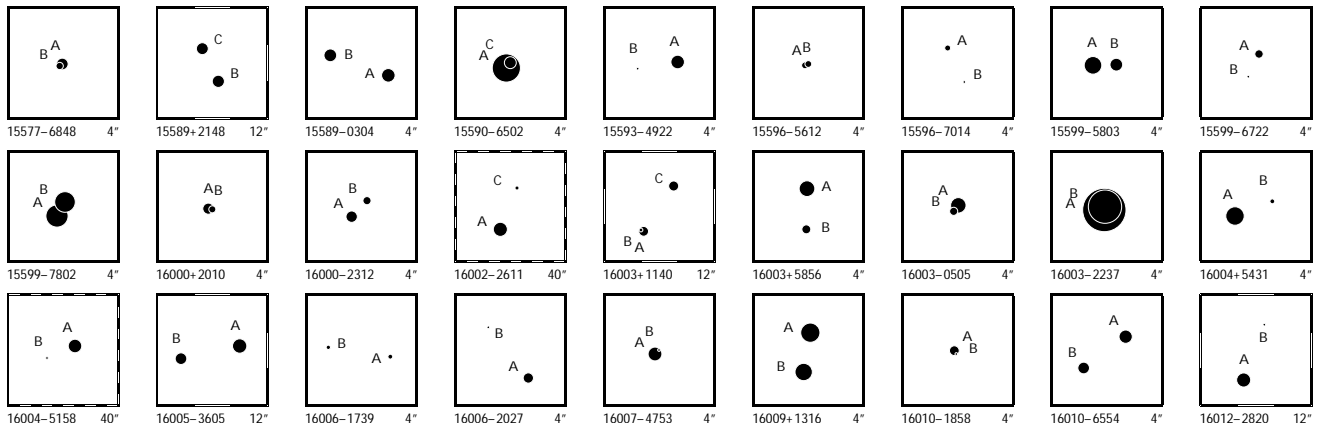
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3	5-6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15509+1441	1	I	CA	A 77630 B 77628	9.221 0.024 10.033 0.042		9.649 0.033 10.743 0.077	9.146 0.032 10.117 0.074		237.730 127 09 +14.678 565 74 237.726 533 45 +14.676 089 69	-4.89 1.36	-5.47 12.79 -4.88 11.88	4.79 3.89 4.42 17.70 14.81 9.22	7.87 5.34 13.97 10.12	A	234.54	15.36	0.00	0.00						
15509+1911	1	L	CA	A 77627 B 77627	8.978 0.010 9.632 0.018					237.722 170 70 +19.180 368 77 237.722 267 41 +19.180 085 89	3.66 3.66	-12.13 -16.01 -13.25 -25.70	2.35 2.14 2.44 6.03 5.76 2.44	2.05 2.46 4.08 4.85	A	162.1	1.07	+0.2	+0.01						
15509-3503	1	L	CA	A 77631 B 77631	9.004 0.010 9.464 0.016					237.734 888 39 -35.047 729 94 237.735 046 35 -35.047 789 58	7.15 7.15	79.47 -7.22 66.87 -6.32	2.79 1.78 2.31 6.17 3.23 2.31	1.95 1.70 3.30 2.56	A	114.8	0.513	+0.5	-0.012						
15510-6855	1	F	CA	A 77638 B 77638	9.204 0.036 10.681 0.139					237.746 838 15 -68.922 479 22 237.747 030 98 -68.922 473 16	1.31 1.31	-5.08 -7.08 -5.08 -7.08	5.68 2.83 1.36 12.99 11.44 1.36	0.83 1.22 0.83 1.22	A	85	0.25								
15511-5503	1	F	CB	A 77645 B 77645	5.783 0.008 9.152 0.154		5.753 0.003 10.425 0.047	5.766 0.003 9.069 0.023		237.778 365 47 -55.055 525 32 237.780 147 51 -55.050 986 78	0.89 0.89	-2.95 -3.08 -2.95 -3.08	0.77 0.74 0.89 30.83 26.95 0.89	0.87 0.85 0.87 0.85	A	12.7	16.75								
15512+5254	1	F	CA	A 77652 B 77652	6.925 0.003 9.169 0.024		6.968 0.005 9.449 0.019	6.871 0.005 8.936 0.019		237.792 025 37 +52.906 998 63 237.789 110 96 +52.907 252 03	7.69 7.69	-7.95 -3.07 -7.95 -3.07	0.66 0.70 0.67 5.36 5.58 0.67	0.73 0.75 0.73 0.75	A	278.20	6.39								
15513-4845	1	F	CB	A 77662 B 77662	11.588 0.257 12.273 0.482					237.816 383 10 -48.749 610 88 237.816 392 18 -48.749 555 04	0.93 0.93	-1.86 -0.25 -1.86 -0.25	8.50 20.21 3.07 27.21 53.42 3.07	2.85 2.31 2.85 2.31	A	6	0.20								
15514+2921	1	F	CA	A 77671 B 77671	9.602 0.010 12.533 0.146		9.893 0.018	9.549 0.019		237.861 244 39 +29.356 710 24 237.862 741 04 +29.356 520 42	2.34 2.34	-12.67 -14.73 -12.67 -14.73	1.29 1.50 2.16 29.97 32.34 2.16	1.22 1.52 1.22 1.52	A	98.3	4.75								
15517-7110	1	F	CA	A 77690 B 77690	9.449 0.130 9.544 0.142					237.918 907 84 -71.159 645 13 237.918 814 17 -71.159 611 07	1.57 1.57	-8.70 -8.55 -8.70 -8.55	7.60 8.69 0.97 8.09 8.41 0.97	0.65 0.87 0.65 0.87	A	318	0.164								
15519-1232	1	F	CA	A 77708 B 77708	8.131 0.008 8.622 0.012					237.987 431 12 -12.537 544 36 237.987 544 37 -12.537 503 97	3.62 3.62	-8.21 -1.58 -8.21 -1.58	2.43 1.58 1.66 4.66 4.00 1.66	2.35 1.34 2.35 1.34	A	70	0.424								
15520+5234	1	F	CA	A 77714 B 77714	9.562 0.009 9.707 0.010		9.780 0.024 10.003 0.027	9.431 0.026 9.632 0.029		238.001 413 69 +52.565 149 86 237.997 291 88 +52.564 346 43	3.50 3.50	6.35 5.58 6.35 5.58	1.83 2.00 1.91 3.54 4.12 1.91	1.97 1.98 1.97 1.98	A	252.22	9.472								
15520-6455	1	F	CC	A 77711 B 77711	9.123 0.010 12.856 0.293		10.801 0.044	9.117 0.018		237.995 462 71 -64.922 852 31 237.993 102 61 -64.923 282 69	2.39 2.39	-14.48 -25.93 -14.48 -25.93	1.29 1.43 1.75 58.51 58.69 1.75	1.41 1.60 1.41 1.60	A	247	3.92								
15520-7843	1	I	CA	A 77712 B 77709	9.219 0.008 11.242 0.050		9.228 0.017 11.933 0.138	9.114 0.021 10.804 0.077		237.997 784 91 -78.715 233 20 237.993 464 82 -78.711 855 96	2.03 0.63	-6.67 -19.32 -2.02 -18.86	1.65 1.83 1.73 13.72 15.54 7.49	1.40 1.73 6.67 7.50	A	345.94	12.53	+0.02	0.00						
15521+1052	1	F	ND	A 77725 B 77725	9.702 0.674 11.157 2.576					238.034 983 44 +10.875 050 13 238.034 954 03 +10.875 064 92	44.27 44.27	-267.30 -238.36 -267.30 -238.36	24.12 13.51 1.56 164.64 87.22 1.56	2.17 1.76 2.17 1.76	A	297	0.12								
15524-1714	1	F	CA	A 77744 B 77744	10.004 0.007 10.044 0.007		10.108 0.042 10.095 0.046	9.393 0.038 9.551 0.047		238.097 219 75 -17.233 221 58 238.096 517 87 -17.233 194 19	6.74 6.74	21.22 13.06 21.22 13.06	5.13 2.89 3.28 6.78 3.98 3.28	5.69 3.61 5.69 3.61	A	272.3	2.42								
15526-0036	1	F	CA	A 77756 B 77756	10.994 0.015 11.884 0.034					238.152 509 36 -0.593 717 21 238.152 644 89 -0.593 681 38	3.71 3.71	-28.99 -29.74 -28.99 -29.74	5.05 3.38 4.42 15.01 14.29 4.42	5.19 4.39 5.19 4.39	A	75	0.50								
15529-4937	1	F	CA	A 77778 B 77778	9.539 0.022 9.750 0.026					238.228 160 22 -49.618 017 23 238.228 121 52 -49.617 939 42	3.49 3.49	-4.58 -6.94 -4.58 -6.94	3.08 3.43 1.68 5.49 4.56 1.68	1.41 1.38 1.41 1.38	A	342	0.294								
15529-6307	1	F	CA	A 77784 B 77784	9.039 0.008 11.584 0.081					238.235 611 22 -63.110 394 91 238.235 834 62 -63.110 518 60	4.23 4.23	0.88 -11.34 0.88 -11.34	1.50 1.68 2.00 16.65 16.97 2.00	1.58 1.73 1.58 1.73	A	141	0.57								
15531-1634	1	F	CA	A 77793 B 77793	10.516 0.022 12.477 0.133					238.279 986 90 -16.566 131 22 238.279 851 51 -16.566 104 11	3.43 3.43	7.28 -14.91 7.28 -14.91	4.02 1.80 2.73 36.72 15.90 2.73	3.19 2.44 3.19 2.44	A	282	0.48								
15535+5127	1	F	CB	A 77827 B 77827	9.186 0.009 12.430 0.163		10.251 0.028	9.100 0.018		238.374 127 57 +51.445 397 44 238.373 763 67 +51.446 004 87	2.48 2.48	6.64 -16.07 6.64 -16.07	1.32 1.47 1.41 37.00 43.39 1.41	1.37 1.65 1.37 1.65	A	340	2.33								
15535-4729	1	F	CA	A 77832 B 77832	9.667 0.110 9.962 0.144					238.385 494 88 -47.484 993 89 238.385 403 71 -47.484 980 19	6.07 6.07	9.42 -18.55 9.42 -18.55	12.64 3.96 1.52 14.17 6.03 1.52	1.37 1.29 1.37 1.29	A	283	0.23								
15536+6256	1	F	CA	A 77834 B 77834	11.273 0.198 11.516 0.247					238.392 746 66 +62.933 209 10 238.392 705 22 +62.933 253 60	3.48 3.48	-14.40 12.49 -14.40 12.49	13.45 16.26 1.21 15.66 19.11 1.21	1.22 1.29 1.22 1.29	A	337	0.17								
15536-2520	1	F	CA	A 77840 B 77840	4.686 0.002 7.117 0.020		4.548 0.006	4.653 0.007		238.403 034 98 -25.327 080 18 238.402 370 72 -25.327 082 85	7.52 7.52	-14.42 -25.40 -14.42 -25.40	1.04 0.65 1.18 7.19 3.98 1.18	1.27 1.19 1.27 1.19	A	269.7	2.16								
15536-3759	1	F	CA	A 77837 B 77837	9.864 0.009 9.926 0.009					238.400 477 32 -37.991 146 34 238.400 795 43 -37.991 322 55	1.63 1.63	-9.08 -16.56 -9.08 -16.56	3.50 2.35 3.29 6.89 3.61 3.29	4.10 2.85 4.10 2.85	A	125.1	1.10								
15542+1659	1	F	CA	A 77875 S 77875	8.826 0.017 9.201 0.024					238.542 851 27 +16.991 102 44 238.542 945 02 +16.991 098 70	8.82 8.82	12.81 -3.34 12.81 -3.34	2.72 1.84 1.25 4.28 3.66 1.25	1.34 1.22 1.34 1.22	A	92	0.323								
15544-3404	1	F	CA	A 77884 B 77884	9.887 0.020 10.004 0.022					238.588 469 43 -34.060 233 54 238.588 312 21 -34.060 225 13	8.86 8.86	-61.00 -22.83 -61.00 -22.83	3.83 1.70 2.77 5.56 3.27 2.77	3.08 1.67 3.08 1.67	A	274	0.47								
15544-6131	1	L	CA	A 77890 B 77890	10.377 0.044 10.637 0.056					238.602 960 22 -61.518 275 94 238.602 998 59 -61.518 186 13	8.43 8.43	-23.42 35.71 -16.31 21.09	2.83 6.17 2.12 5.30 8.51 2.12	1.96 2.31 3.05 3.46	A	12	0.330	+2	-0.013						



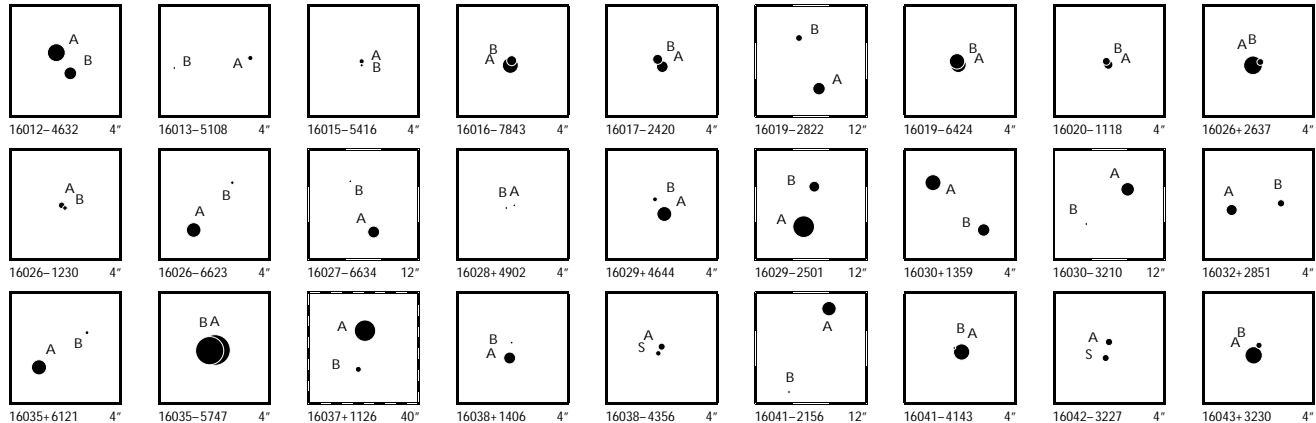
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15546-1341	1	FCA	A 77904 B 77904	9.128 0.008 10.232 0.020	9.343 0.019 10.189 0.042	8.969 0.019 9.683 0.052		238.651 090 46 238.651 698 40	-13.682 628 72 -13.682 865 41	5.19 5.19	-19.63 -19.63	9.35 9.35	2.76 1.56 2.54 2.72 2.19 12.05 6.10 2.54 2.72 2.19	A 111.8 2.29												
15548-6554	1	LCA	A 77921 B 77921	8.346 0.038 8.486 0.043				238.702 035 43 238.701 898 32	-65.901 267 38 -65.901 248 58	20.54 20.54	24.89 10.64	16.24 25.94	4.58 3.68 1.09 1.47 2.40 4.74 3.26 1.09 1.60 2.53	B 289 0.213 +1 +0.017												
15549-6045	1	FCA	A 77927 B 77927	6.393 0.003 8.048 0.012	6.289 0.010	6.216 0.009		238.719 324 00 238.719 944 98	-60.743 640 91 -60.743 667 09	1.91 1.91	-2.02 -2.02	-4.02 -4.02	0.74 0.78 0.91 0.79 0.86 4.40 3.68 0.91 0.79 0.86	A 94.9 1.097												
15550-1923	1	FCA	A 77939 B 77939	6.111 0.003 8.118 0.016				238.751 543 69 238.751 683 11	-19.382 880 98 -19.382 960 48	5.23 5.23	-10.63 -10.63	-18.38 -18.38	1.04 0.65 0.98 1.02 0.88 7.44 3.61 0.98 1.02 0.88	A 121.2 0.55												
15554+0005	1	FCB	A 77967 B 77967	8.426 0.008 11.505 0.140	9.106 0.015	8.316 0.012		238.843 996 68 238.844 209 18	+0.078 186 80 +0.077 959 50	10.04 10.04	105.29 105.29	-118.16 -118.16	1.84 1.24 1.90 1.99 1.62 51.00 18.56 1.90 1.99 1.62	A 137 1.12												
15554+2932	1	FCA	A 77975 B 77975	7.703 0.004 11.226 0.088	7.722 0.005	7.673 0.006		238.857 572 56 238.858 586 94	+29.537 066 79 +29.536 602 47	6.61 6.61	-7.63 -7.63	8.66 8.66	0.66 0.74 1.02 0.65 0.78 18.78 18.56 1.02 0.65 0.78	A 117.7 3.59												
15554-4320	1	FCA	A 77974 B 77974	9.125 0.144 10.099 0.353				238.856 957 71 238.856 938 57	-43.340 513 38 -43.340 478 08	4.65 4.65	-7.66 -7.66	-7.49 -7.49	8.66 9.24 1.16 1.12 1.12 22.87 19.51 1.16 1.12 1.12	A 338 0.14												
15555+1006	1	LCA	A 77983 B 77987	8.883 0.019 9.795 0.041	9.125 0.018	8.828 0.019		238.874 694 32 238.878 861 67	+10.104 814 50 +10.104 608 99	3.87 -4.66	-3.90 24.17	-1.22 -23.65	4.73 3.41 4.58 5.29 4.53 16.48 15.64 9.51 16.25 18.57	A 92.9 14.79 +0.1 +0.03												
15555-6011	1	FCA	A 77990 B 77990	5.955 0.003 8.620 0.039	6.259 0.004	5.892 0.005		238.885 087 97 238.887 591 05	-60.177 474 19 -60.177 689 63	19.09 19.09	-47.33 -47.33	-71.19 -71.19	0.78 0.75 0.87 0.84 0.85 7.90 6.69 0.87 0.84 0.85	A 99.8 4.55												
15557-2645	1	LCA	A 78002 S 78002	7.991 0.034 8.475 0.053				238.924 708 04 238.924 689 02	-26.746 992 81 -26.747 055 64	14.76 14.76	-0.90 -26.43	-83.54 -80.06	2.76 4.44 1.19 1.61 1.37 4.64 5.51 1.19 2.44 2.06	A 195 0.234 +6 +0.003												
15557-5439	1	FCA	A 77994 B 77994	10.890 0.017 11.877 0.042	11.333 0.095	10.612 0.081		238.915 009 63 238.914 471 76	-54.643 507 92 -54.643 420 72	-0.68 -0.68	-1.31 -1.31	-1.85 -1.85	3.47 2.79 3.89 4.11 3.37 12.39 9.55 3.89 4.11 3.37	A 286 1.16												
15559-0210	1	FCA	A 78024 B 78024	7.108 0.004 8.795 0.017	7.630 0.008	7.025 0.009		238.977 654 49 238.977 375 43	-2.164 259 57 -2.162 619 05	26.54 26.54	-88.94 -88.94	-60.99 -60.99	1.07 0.77 1.08 1.26 1.06 6.11 3.97 1.08 1.26 1.06	A 350.4 5.991												
15560-6004	1	FCA	A 78036 B 78036	8.110 0.003 10.059 0.020				239.009 469 64 239.009 187 75	-60.061 322 83 -60.061 433 16	2.16 2.16	-10.82 -10.82	-12.18 -12.18	1.26 1.22 1.48 1.32 1.46 7.70 6.91 1.48 1.32 1.46	A 232 0.64												
15562-3756	1	FFC	A 78053 B 78053	12.130 0.029 12.973 0.046				239.038 362 82 239.038 522 40	-37.934 985 23 -37.935 003 52	-4.77 -4.77	-56.66 -56.66	-49.97 -49.97	14.74 8.49 13.79 15.41 7.31 40.11 27.15 13.79 15.41 7.31	A 98 0.46												
15567-3426	1	LCA	A 78093 B 78095	9.066 0.014 10.146 0.030	9.444 0.018	8.931 0.018		239.176 283 37 239.181 079 21	-34.431 551 95 -34.426 390 23	2.28 -5.67	-39.88 28.21	-22.84 12.55	2.43 1.62 2.27 2.46 1.89 14.39 8.80 10.35 9.82 8.47	A 37.47 23.41 +0.08 +0.07												
15567-4802	1	FCA	A 78091 B 78091	10.590 0.151 10.991 0.218				239.174 028 61 239.174 017 56	-48.025 142 53 -48.025 092 88	5.37 5.37	0.31 0.31	-4.38 -4.38	8.83 13.23 1.90 1.90 1.85 12.64 18.78 1.90 1.90 1.85	A 352 0.18												
15567-5004	1	FCA	A 78086 B 78086	10.902 0.014 11.918 0.033				239.167 378 34 239.167 289 77	-50.060 889 39 -50.060 691 34	5.16 5.16	29.11 29.11	-1.15 -1.15	4.13 3.39 4.77 4.46 4.20 18.70 10.78 4.77 4.46 4.20	A 344 0.74												
15568+1229	1	LCA	A 78097 B 78097	7.631 0.005 7.934 0.007	8.185 0.080	7.726 0.054		239.189 815 64 239.189 265 13	+12.477 934 65 +12.477 766 63	12.35 12.35	-56.39 -46.55	-2.83 -8.53	2.10 1.51 1.99 2.16 1.61 3.61 2.23 1.99 3.08 2.37	A 252.6 2.027 -0.2 -0.008												
15568+3530	1	FCA	A 78102 B 78102	9.408 0.008 10.451 0.021	10.054 0.023	9.295 0.019		239.203 515 26 239.204 265 75	+35.504 141 32 +35.506 687 90	10.62 10.62	-184.96 -184.96	76.24 76.24	1.67 1.81 2.21 1.79 1.91 6.29 6.48 2.21 1.79 1.91	A 13.49 9.43												
15569-3358	1	LCA	A 78105 B 78106	5.143 0.006 5.610 0.009	5.240 0.003	5.107 0.003		239.222 839 60 239.225 438 43	-33.966 022 25 -33.964 159 99	16.35 16.64	23.80 20.26	-45.97 -49.68	1.98 1.39 2.04 2.55 1.80 5.49 4.22 3.12 3.90 3.03	A 49.17 10.255 0.00 -0.005												
15572+0324	1	LCA	A 78134 B 78131	7.332 0.006 9.089 0.027	7.480 0.009	7.287 0.010		239.312 230 26 239.310 392 63	+3.405 321 13 +3.407 655 97	7.58 6.63	-28.09 -29.99	10.43 7.00	1.59 1.27 1.50 2.06 2.15 9.25 7.34 4.85 6.96 6.79	A 321.84 10.69 -0.02 0.00												
15572-4130	1	FCB	A 78133 B 78133	10.355 0.020 12.853 0.192	11.147 0.068	10.328 0.050		239.311 290 49 239.309 815 18	-41.505 609 94 -41.507 059 55	6.04 6.04	-17.03 -17.03	-25.71 -25.71	3.64 2.53 3.97 3.80 3.07 65.59 39.27 3.97 3.80 3.07	A 217 6.56												
15572-6913	1	FCA	A 78127 B 78127	10.219 0.014 11.231 0.033	10.238 0.026	10.122 0.037		239.292 984 22 239.289 781 36	-69.210 660 70 -69.213 982 92	-3.17 -3.17	-1.36 -1.36	-2.63 -2.63	1.93 2.84 3.58 2.18 3.37 8.23 13.15 3.58 2.18 3.37	A 198.89 12.64												
15574-3611	1	FCA	A 78142 B 78142	6.211 0.006 7.630 0.022				239.338 885 63 239.338 889 48	-36.185 313 80 -36.185 405 34	3.51 3.51	-9.83 -9.83	-12.37 -12.37	1.12 1.20 0.95 1.08 0.74 4.21 3.41 0.95 1.08 0.74	A 178 0.330												
15575+4140	1	FCA	A 78146 B 78146	9.505 0.008 10.520 0.019	9.911 0.026	9.366 0.025		239.362 158 71 239.361 841 93	+41.661 910 63 +41.661 095 20	7.33 7.33	-25.44 -25.44	-5.99 -5.99	1.51 1.52 1.55 1.75 1.59 5.65 4.89 1.55 1.75 1.59	A 196.2 3.06												
15577-1649	1	FCA	A 78171 B 78171	8.861 0.006 11.845 0.095				239.422 073 92 239.422 251 74	-16.810 761 45 -16.810 848 16	1.77 1.77	2.24 2.24	-6.94 -6.94	1.76 0.91 1.67 2.25 1.56 34.29 15.43 1.67 2.25 1.56	A 117 0.69												
15577-3915	1	FCB	A 78163 B 78163	9.170 0.010 10.517 0.033	9.803 0.022	9.068 0.019		239.412 746 58 239.414 097 60	-39.249 766 17 -39.248 491 90	10.73 10.73	17.71 17.71	4.60 4.60	2.05 1.40 2.12 2.08 1.65 8.88 6.98 2.12 2.08 1.65	A 39.4 5.94												



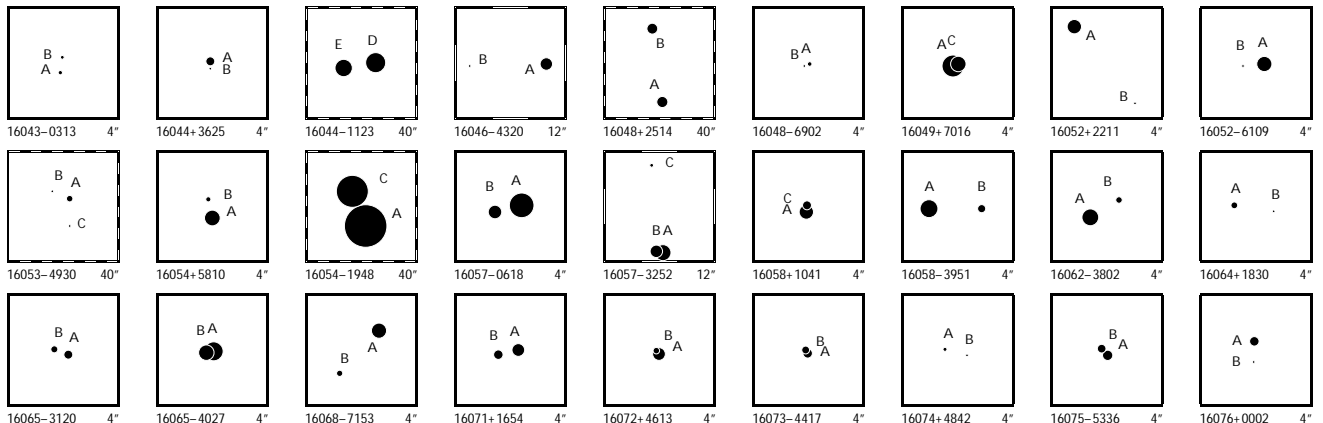
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt					
1	2	3-5	6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
15577-6848	1	F	FCB	A 78172 B 78172	9.411 0.181 10.409 0.455				239.426 661 22 239.426 738 12	-68.802 186 38 -68.802 207 32	1.78 1.78	-3.18 -3.18	-4.19 -4.19	7.51 9.10 1.18 0.57 0.97 24.61 20.90 1.18 0.57 0.97	A 127	0.13												
15589+2148	1	F	FCA	B 78272 C 78272	9.310 0.010 9.334 0.011	9.472 0.025 9.541 0.025	9.150 0.026 9.243 0.028		239.736 959 20 239.737 491 16	+21.798 559 19 +21.799 562 61	4.33 4.33	-7.05 -7.05	4.83 4.83	2.47 2.46 2.87 2.45 2.59 4.87 4.50 2.87 2.45 2.59	B 26.2	4.03												
15589-0304	1	F	FCA	A 78268 B 78268	9.022 0.007 9.208 0.008	9.542 0.044 9.695 0.034	8.856 0.029 9.025 0.026		239.720 564 67 239.721 158 81	-3.073 205 83 -3.073 005 38	16.01 16.01	-241.92 -241.92	45.61 45.61	3.15 2.17 3.16 2.98 2.63 5.71 3.46 3.16 2.98 2.63	A 71.3	2.254												
15590-6502	1	F	FCC	A 78279 B 78279	5.771 0.019 9.335 0.503				239.742 335 54 239.742 243 84	-65.037 571 10 -65.037 513 94	4.33 4.33	-9.49 -9.49	-6.78 -6.78	1.61 4.15 0.84 0.69 0.77 24.24 21.92 0.84 0.69 0.77	A 326	0.25												
15593-4922	1	F	FND	D 78301 B 78301	9.022 0.014 12.897 0.498	9.397 0.019	8.970 0.020		239.825 812 96 239.826 450 50	-49.366 406 87 -49.366 473 57	9.83 9.83	-30.33 -30.33	-34.97 -34.97	1.91 1.42 1.66 1.57 1.67 136.83 79.82 1.66 1.57 1.67	A 99	1.51												
15596-5612	1	F	FND	D 78331 B 78331	10.515 0.455 12.611 0.458				239.909 543 13 239.909 477 34	-56.195 138 76 -56.195 125 34	1.78 1.78	-2.53 -2.53	6.23 6.23	29.18 13.71 1.57 1.48 1.33 29.73 13.76 1.57 1.48 1.33	A 290	0.14												
15596-7014	1	F	FCA	A 78329 B 78329	10.652 0.014 12.611 0.080	11.004 0.038	10.533 0.041		239.908 195 79 239.907 722 19	-70.241 339 05 -70.241 689 73	3.21 3.21	-11.04 -11.04	-4.46 -4.46	1.83 2.37 2.91 1.86 2.60 17.74 24.42 2.91 1.86 2.60	A 205	1.39												
15599-5803	1	L	LCA	A 78361 B 78361	8.107 0.005 9.189 0.012				239.983 983 06 239.983 536 58	-58.047 964 41 -58.047 952 46	3.95 3.95	-17.13 -15.65	-12.75 -19.67	1.48 1.37 1.63 1.50 1.52 3.97 4.72 1.63 2.88 2.94	A 272.9	0.852	-0.5	-0.002										
15599-6722	1	F	FND	D 78351 B 78351	10.110 0.010 12.873 0.120				239.967 489 73 239.967 778 08	-67.366 393 22 -67.366 625 97	2.37 2.37	-3.17 -3.17	-8.01 -8.01	1.31 1.85 2.14 1.26 1.97 27.55 36.59 2.14 1.26 1.97	A 155	0.93												
15599-7802	1	L	LCA	A 78360 B 78360	7.063 0.003 7.452 0.005				239.979 743 91 239.979 369 74	-78.027 098 71 -78.026 957 55	11.82 11.82	-1.68 -9.48	-73.47 -65.86	0.90 1.09 0.95 0.82 1.05 1.90 1.80 0.95 1.19 1.64	A 331.2	0.580	-0.3	+0.010										
16000+2010	1	F	FCB	A 78369 B 78369	9.521 0.215 10.450 0.505				239.996 009 34 239.995 966 31	+20.164 304 68 +20.164 297 48	0.86 0.86	-16.47 -16.47	10.91 10.91	15.72 8.17 1.19 0.85 0.94 34.02 14.52 1.19 0.85 0.94	A 260	0.15												
16000-2312	1	F	FCA	A 78374 B 78374	9.491 0.005 10.215 0.010				240.004 058 24 240.003 889 34	-23.200 266 28 -23.200 101 35	7.61 7.61	15.91 15.91	5.81 5.81	2.78 1.91 2.60 3.26 3.13 9.13 3.76 2.60 3.26 3.13	A 317	0.82												
16002-2611	1	F	F	D 78386 B 78385	8.852 0.012 11.094 0.089	9.357 0.026	8.780 0.024		240.048 918 50 240.046 992 12	-26.177 415 82 -26.173 098 74	-6.44 -6.44	0.41 0.41	-30.57 -30.57	5.51 2.51 4.57 7.08 3.46 87.75 36.44 4.57 7.08 3.46	A 338.2	16.74												
16003+1140	1	F	FNB	G 78394 A 78394 B 78394	9.774 0.021 9.817 0.099 11.152 0.343	10.173 0.042	9.592 0.038		240.066 775 39 240.067 711 40 240.067 775 91	+11.671 636 03 +11.670 251 35 +11.670 289 09	10.01 10.01 10.01	18.27 18.27 18.27	-32.18 -32.18 -32.18	6.33 5.20 2.41 3.02 2.40 6.94 4.97 2.41 3.02 2.40 35.99 30.33 2.41 3.02 2.40	C 146.5 C 144.0	5.98 6.00												
16003+5856	1	F	FCA	A 78397 B 78397	8.539 0.006 10.024 0.023	8.710 0.013	8.365 0.013		240.076 169 40 240.076 162 23	+58.934 156 33 +58.933 740 80	5.79 5.79	-26.32 -26.32	32.21 32.21	1.20 1.12 1.17 1.12 1.14 5.83 6.34 1.17 1.12 1.14	A 180.5	1.50												
16003-0505	1	F	FCA	A 78396 B 78396	8.555 0.018 10.186 0.082				240.068 854 03 240.068 900 38	-5.081 602 67 -5.081 669 63	7.47 7.47	-24.43 -24.43	-19.55 -19.55	3.89 3.01 1.58 2.07 1.44 18.16 9.25 1.58 2.07 1.44	A 145	0.29												
16003-2237	1	L	LCA	A 78401 B 78401	2.393 0.047 4.618 0.364				240.083 383 47 240.083 372 77	-22.621 624 23 -22.621 589 26	8.12 8.12	-11.57 13.86	-43.47 14.08	4.09 2.52 0.88 3.97 1.78 32.44 24.17 0.88 28.22 14.44	A 344	0.13	+18	+0.05										
16004+5431	1	F	FCA	A 78403 B 78403	7.945 0.004 10.926 0.055	8.088 0.009	7.882 0.011		240.088 608 80 240.087 951 38	+54.522 484 69 +54.522 639 97	6.30 6.30	-12.49 -12.49	31.67 31.67	0.82 0.78 0.81 0.84 0.87 17.16 14.18 0.81 0.84 0.87	A 292	1.48												
16004-5158	1	F	FCB	A 78412 B 78412	9.005 0.008 12.083 0.126	9.373 0.017	8.932 0.017		240.108 753 33 240.113 424 38	-51.964 884 02 -51.966 198 80	6.02 6.02	-50.55 -50.55	-26.66 -26.66	2.64 1.89 2.57 2.78 2.26 71.10 51.36 2.57 2.78 2.26	A 114.6	11.39												
16005-3605	1	F	FCA	A 78416 B 78416	8.819 0.006 9.434 0.010	9.361 0.019 9.969 0.033	8.760 0.018 9.377 0.031		240.130 592 04 240.132 794 34	-36.087 852 77 -36.088 241 70	10.66 10.66	-26.96 -26.96	-40.16 -40.16	1.98 1.36 2.15 2.26 1.89 4.97 3.20 2.15 2.26 1.89	A 102.33	6.56												
16006-1739	1	F	FCA	A 78426 B 78426	10.892 0.010 11.068 0.011	10.417 0.062 10.477 0.046	9.918 0.066 9.859 0.037		240.156 203 62 240.156 872 78	-17.657 484 18 -17.657 388 05	7.12 7.12	-33.18 -33.18	7.71 7.71	4.96 2.59 4.51 4.98 3.61 8.05 4.88 4.51 4.98 3.61	A 81.4	2.32												
16006-2027	1	F	FCA	A 78420 B 78420	9.741 0.006 11.609 0.031	10.152 0.056	9.686 0.059		240.145 555 09 240.145 984 91	-20.450 952 27 -20.450 432 45	5.12 5.12	-32.45 -32.45	-17.52 -17.52	2.33 1.17 2.14 2.84 1.72 21.52 6.38 2.14 2.84 1.72	A 37.8	2.37												
16007-4753	1	F	FCB	A 78432 B 78432	8.944 0.063 11.441 0.633				240.181 851 76 240.181 786 64	-47.889 367 10 -47.889 328 34	6.15 6.15	-14.27 -14.27	-25.76 -25.76	7.70 4.20 1.57 1.70 1.42 68.14 45.58 1.57 1.70 1.42	A 312	0.21												
16009+1316	1	F	FCA	A 78446 B 78446	7.758 0.008 8.179 0.012	7.878 0.039	7.386 0.042		240.225 686 59 240.225 760 47	+13.271 717 58 +13.271 323 55	8.63 8.63	-11.56 -11.56	-28.59 -28.59	2.04 1.39 1.79 3.04 1.70 5.00 4.39 1.79 3.04 1.70	A 169.7	1.44												
16010-1858	1	F	FCC	A 78454 B 78454	9.830 0.168 11.943 1.175				240.246 581 55 240.246 558 90	-18.963 389 91 -18.963 429 20	6.39 6.39	-31.71 -31.71	-33.87 -33.87	7.21 11.00 1.56 1.78 1.24 63.89 81.18 1.56 1.78 1.24	A 209	0.16												
16010-6554	1	F	FCA	A 78451 B 78451	9.042 0.006 9.435 0.008	9.922 0.034 9.656 0.026	8.848 0.020 9.141 0.039		240.239 404 86 240.240 447 45	-65.895 753 52 -65.896 076 40	3.83 3.83	6.31 6.31	2.99 2.99	1.75 2.03 2.57 1.71 2.66 3.32 3.62 2.57 1.71 2.66	A 127.2	1.924												
16012-2820	1	F	FCA	A 78478 B 78478	8.885 0.004 11.573 0.047	10.728 0.042	8.886 0.014		240.296 566 48 240.295 840 99	-28.332 846 79 -28.331 135 13	1.11 1.11	-2.10 -2.10	-7.49 -7.49	1.50 0.86 1.69 1.71 1.51 18.91 8.85 1.69 1.71 1.51	A 339.5	6.58												



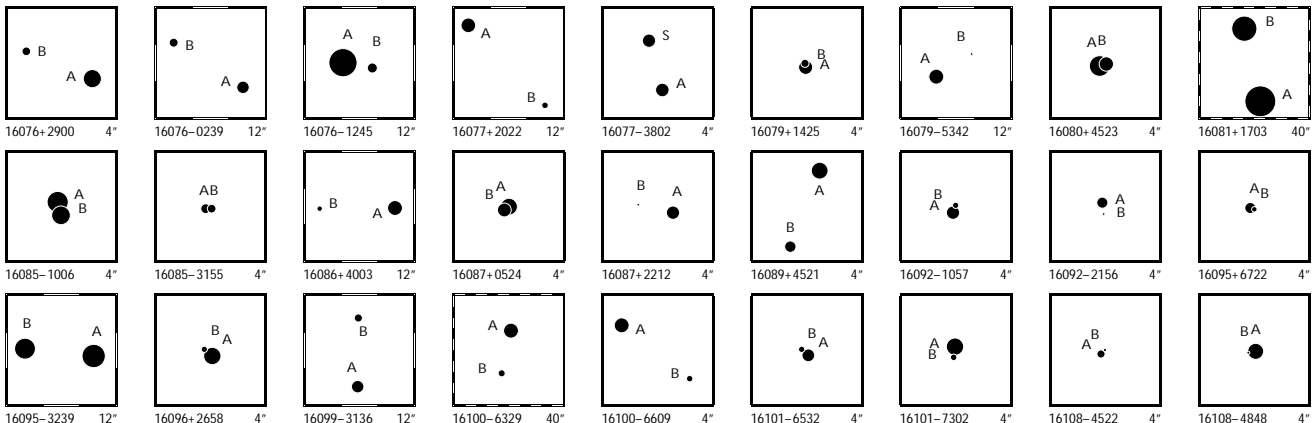
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16012-4632	1	LCA	A 78475 B 78475	8.020 0.004 9.155 0.010				11.350 0.081	10.781 0.084			240.292 572 09 -46.538 267 26 240.292 363 82 -46.538 475 03	9.15 9.15	-12.87 -41.67 -13.43 -34.20	1.30 1.01 1.31 1.02 0.99 5.32 3.34 1.31 2.73 2.15	A 214.6	0.909	+0.3	-0.006							
16013-5108	1	FCA	A 78485 B 78485	10.870 0.016 12.545 0.072								240.329 095 92 -51.138 931 36 240.330 327 63 -51.139 032 85	1.79 1.79	-16.33 -18.37 -16.33 -18.37	4.21 3.31 5.28 4.44 4.10 31.48 22.45 5.28 4.44 4.10	A 97.5	2.81									
16015-5416	1	FCA	A 78501 B 78501	10.834 0.288 11.288 0.437								240.384 327 43 -54.270 774 70 240.384 320 24 -54.270 822 13	2.13 2.13	-3.35 1.24 -3.35 1.24	9.13 23.71 1.65 1.85 1.62 13.78 34.83 1.65 1.85 1.62	A 185	0.17									
16016-7843	1	LCA	A 78505 B 78505	8.430 0.059 9.789 0.206								240.404 341 01 -78.711 759 39 240.404 239 00 -78.711 712 95	17.22 17.22	-57.97 -100.08 -46.11 -125.55	3.43 5.44 0.79 2.28 1.79 13.27 15.12 0.79 7.75 5.54	A 337	0.18	0	-0.03							
16017-2420	1	LCA	A 78510 B 78510	9.445 0.027 9.777 0.036								240.418 937 68 -24.325 201 95 240.418 994 04 -24.325 126 05	-2.22 -2.22	-19.17 -15.19 -5.15 -11.36	3.75 3.60 2.05 2.98 2.79 6.17 5.22 2.05 4.79 4.69	A 34	0.330	+2	+0.011							
16019-2822	1	FCA	A 78523 B 78523	9.233 0.009 10.512 0.027	9.847 0.020 10.867 0.053	9.167 0.017 10.242 0.048						240.464 766 74 -28.373 925 66 240.465 488 95 -28.372 349 62	11.61 11.61	-11.64 -11.15 -11.64 -11.15	2.54 1.44 2.95 2.92 2.50 10.75 5.46 2.95 2.92 2.50	A 22.0	6.12									
16019-6424	1	FCB	A 78526 B 78526	8.492 0.367 8.585 0.400								240.470 975 35 -64.400 250 17 240.471 008 95 -64.400 219 89	2.81 2.81	-3.32 -6.16 -3.32 -6.16	11.29 26.07 0.90 0.59 0.71 9.80 12.44 0.90 0.59 0.71	A 26	0.12									
16020-1118	1	FCA	A 78534 B 78534	9.953 0.269 10.259 0.356								240.501 734 37 -11.292 375 34 240.501 752 62 -11.292 345 49	0.00 0.00	-6.95 1.58 -6.95 1.58	14.70 15.65 1.62 1.96 1.26 16.85 15.61 1.62 1.96 1.26	A 31	0.13									
16026+2637	1	FCA	A 78572 B 78572	7.881 0.011 10.488 0.123								240.660 142 37 +26.612 238 19 240.660 054 31 +26.612 270 99	5.06 5.06	-19.89 -63.87 -19.89 -63.87	1.92 1.46 1.11 0.83 0.96 13.88 14.03 1.11 0.83 0.96	A 293	0.31									
16026-1230	1	FCB	A 78569 B 78569	10.535 0.203 10.982 0.306								240.653 516 16 -12.507 403 09 240.653 487 11 -12.507 431 02	0.28 0.28	-4.77 -15.78 -4.77 -15.78	15.78 13.76 1.73 1.64 1.40 16.22 11.61 1.73 1.64 1.40	A 225	0.14									
16026-6623	1	FCA	A 78568 B 78568	8.750 0.009 11.223 0.081	9.212 0.013 9.551 0.023	8.675 0.012 9.068 0.016						240.648 791 58 -66.377 914 74 240.647 796 71 -66.377 422 16	7.36 7.36	-9.71 -40.46 -9.71 -40.46	1.30 1.29 1.84 1.22 1.53 17.37 15.06 1.84 1.22 1.53	A 321.0	2.28									
16027-6634	1	FCA	A 78582 B 78582	9.359 0.008 12.348 0.127	9.202 0.012 9.551 0.023	9.352 0.018 9.068 0.016						240.685 636 07 -66.558 630 30 240.687 468 02 -66.557 076 33	1.89 1.89	-6.03 -9.12 -6.03 -9.12	1.32 1.45 1.97 1.38 1.65 28.73 34.75 1.97 1.38 1.65	A 25.1	6.18									
16028+4902	1	FCA	A 78597 B 78597	11.553 0.032 11.726 0.038								240.712 027 99 +49.028 610 83 240.712 146 87 +49.028 595 47	13.98 13.98	-101.21 83.80 -101.21 83.80	6.93 7.91 1.80 1.92 1.80 6.66 5.24 1.80 1.92 1.80	A 101	0.29									
16029+4644	1	FCA	A 78598 B 78598	8.727 0.006 10.944 0.046								240.713 077 93 +46.730 775 09 240.713 227 04 +46.730 924 98	2.36 2.36	3.28 6.96 3.28 6.96	1.09 1.21 1.17 1.41 1.54 9.19 9.94 1.17 1.41 1.54	A 34	0.65									
16029-2501	1	FCA	A 78602 B 78602	7.205 0.004 9.602 0.039	7.310 0.008 10.002 0.068	7.154 0.009 9.446 0.061						240.716 496 22 -25.014 244 32 240.716 151 75 -25.013 026 46	3.33 3.33	-18.78 -26.42 -18.78 -26.42	1.08 0.86 1.12 1.03 0.96 8.40 6.41 1.12 1.03 0.96	A 345.6	4.53									
16030+1359	1	FCA	A 78621 B 78621	8.487 0.008 9.254 0.016	8.767 0.021 9.551 0.023	8.378 0.021 9.068 0.016						240.759 208 91 +13.991 476 47 240.758 669 48 +13.990 993 67	8.95 8.95	-21.73 -21.52 -21.73 -21.52	2.85 1.85 2.59 2.78 2.19 10.57 4.73 2.59 2.78 2.19	A 227.3	2.56									
16030-3210	1	FCA	A 78609 B 78609	8.970 0.006 12.015 0.101	9.781 0.019 9.551 0.023	8.882 0.015 9.068 0.016						240.737 301 84 -32.161 953 13 240.738 771 88 -32.163 021 21	14.48 14.48	17.40 -8.49 17.40 -8.49	1.92 1.13 2.21 2.53 1.99 44.68 21.57 2.21 2.53 1.99	A 130.6	5.90									
16032+2851	1	FCA	A 78637 B 78637	9.559 0.006 10.386 0.012	10.136 0.023 10.466 0.056	9.256 0.015 9.748 0.035						240.801 927 16 +28.851 805 79 240.801 348 98 +28.851 878 16	1.53 1.53	0.05 -11.75 0.05 -11.75	1.52 1.67 2.34 1.22 1.71 3.69 5.20 2.34 1.22 1.71	A 278.1	1.842									
16035+6121	1	FCA	A 78658 B 78658	8.665 0.004 11.134 0.035	8.839 0.012 9.551 0.023	8.606 0.014 9.068 0.016						240.868 222 21 +61.343 459 64 240.867 188 85 +61.343 813 58	2.07 2.07	12.73 -6.42 12.73 -6.42	0.98 0.92 0.98 0.92 0.98 11.09 10.31 0.98 0.92 0.98	A 305.5	2.19									
16035-5747	1	LCC	A 78662 B 78662	5.198 0.081 5.760 0.136								240.884 217 67 -57.774 870 74 240.884 315 98 -57.774 878 15	23.26 23.26	-124.98 -84.05 -107.15 -68.75	7.25 4.23 0.98 2.43 2.81 12.53 8.21 0.98 4.13 4.81	A 98	0.19	-5	+0.02							
16037+1126	1	FCA	A 78672 B 78672	7.284 0.007 10.659 0.146	8.808 0.014 11.463 0.114	7.263 0.008 10.468 0.077						240.915 172 02 +11.433 631 33 240.915 838 49 +11.429 743 63	5.69 5.69	-54.18 -26.09 -54.18 -26.09	1.14 0.93 1.27 1.50 1.23 32.32 25.82 1.27 1.50 1.23	A 170.5	14.19									
16038+1406	1	FCA	A 78688 B 78688	9.343 0.010 12.229 0.140								240.955 114 95 +14.108 278 23 240.955 092 75 +14.108 432 97	23.67 23.67	138.40 -134.39 138.40 -134.39	2.52 2.06 2.80 2.63 2.03 36.90 25.14 2.80 2.63 2.03	A 352	0.56									
16038-4356	1	FCA	A 78684 S 78684	10.435 0.036 10.779 0.049								240.939 056 98 -43.930 258 41 240.939 108 67 -43.930 329 85	7.00 7.00	-14.13 -25.52 -14.13 -25.52	6.02 5.08 2.41 2.43 1.93 12.41 7.73 2.41 2.43 1.93	A 152	0.29									
16041-2156	1	FCA	A 78708 B 78708	8.800 0.009 11.548 0.100	9.812 0.036 9.551 0.023	8.788 0.025 9.068 0.016						241.012 578 70 -21.927 477 86 241.013 898 26 -21.930 049 39	23.73 23.73	-293.61 -140.04 -293.61 -140.04	2.21 1.42 2.10 2.31 1.56 38.28 20.90 2.10 2.31 1.56	A 154.5	10.25									
16041-4143	1	FND	A 78712 B 78712	8.371 0.017 11.619 0.343								241.033 404 77 -41.710 972 55 241.033 508 45 -41.710 932 33	3.43 3.43	5.26 -5.28 5.26 -5.28	1.80 1.28 1.51 1.53 1.30 54.75 39.54 1.51 1.53 1.30	A 63	0.31									
16042-3227	1	FCA	A 78714 S 78714	10.350 0.008 10.429 0.008								241.037 422 28 -32.449 383 28 241.037 467 86 -32.449 548 35	18.52 18.52	-85.28 -9.31 -85.28 -9.31	15.32 16.45 7.60 23.25 25.69 16.99 17.11 7.60 23.25 25.69	A 167	0.61									
16043+3230	1	FCB	A 78729 B 78729	8.168 0.012 10.627 0.119								241.081 757 94 +32.497 378 58 241.081 686 56 +32.497 474 66	6.08 6.08	29.54 -56.40 29.54 -56.40	2.03 2.74 1.70 1.16 1.67 18.44 23.13 1.70 1.16 1.67	A 328	0.41									



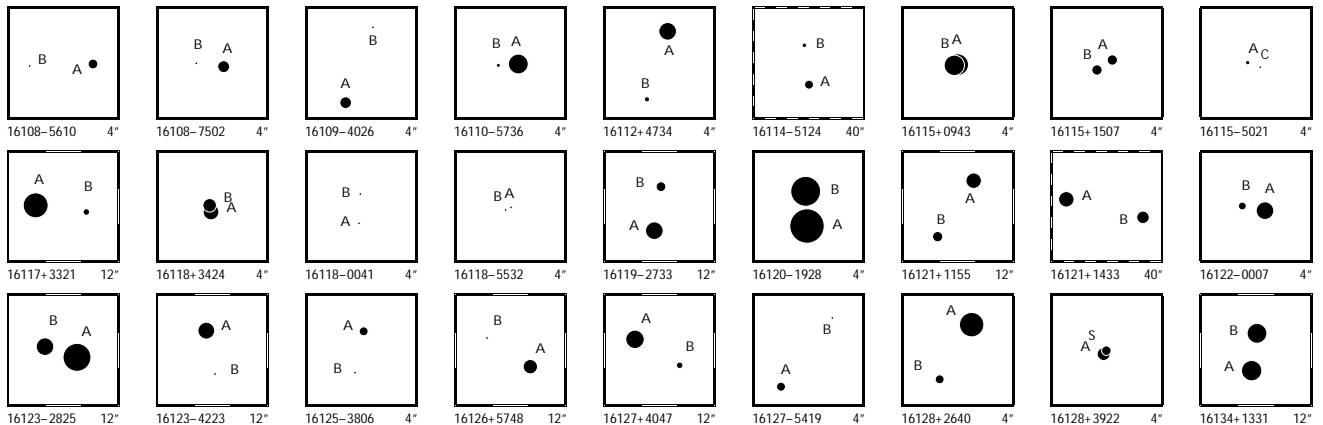
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16043-0313	1	F CA	A 78725 B 78725	11.052 0.011 11.184 0.012					241.071 057 16 241.071 037 11	-3.218 852 14 -3.218 692 52	4.50 4.50	-0.92 -0.92	-9.90 -9.90	7.00 6.26 5.83 8.22 9.06 9.20 7.74 5.83 8.22 9.06	A 353	0.579									
16044+3625	1	F CC	A 78737 B 78737	10.046 0.046 12.786 0.574					241.106 061 55 241.106 057 01	+36.415 360 84 +36.415 275 10	5.34 5.34	3.45 3.45	10.23 10.23	2.60 9.98 1.60 1.42 1.64 50.03 71.01 1.60 1.42 1.64	A 182	0.31									
16044-1123	1	I CA	D 78738 E 78739	7.570 0.025 8.179 0.040	8.342 0.017 9.046 0.030	7.508 0.011 8.055 0.022			241.108 178 96 241.111 464 71	-11.449 329 56 -11.449 824 93	35.25 30.89	-69.17 -58.04	-20.93 -23.37	3.21 2.41 2.56 4.31 3.67 12.93 9.04 6.86 10.43 7.47	D 98.75	11.73	0.00	+0.01							
16046-4320	1	F CB	D 78749 B 78749	9.213 0.014 11.954 0.176	9.616 0.019	9.202 0.020			241.159 895 69 241.163 128 41	-43.340 016 59 -43.340 061 01	4.52 4.52	-17.16 -17.16	-16.23 -16.23	2.15 1.47 2.28 2.23 1.55 38.41 25.43 2.28 2.23 1.55	A 91.1	8.47									
16048+2514	1	IND	D 78759 B 78760	9.546 0.012 9.628 0.012	9.935 0.017 9.961 0.018	9.442 0.018 9.531 0.020			241.201 809 48 241.202 958 22	+25.236 857 18 +25.244 453 89	5.86 7.51	-10.49 -6.06	0.03 -5.44	3.73 4.33 3.63 2.55 3.06 2.37 2.64 3.35 2.47 2.87	A 7.79	27.603	+0.01	-0.005							
16048-6902	1	F FC	A 78757 B 78757	10.954 0.124 11.695 0.246					241.197 437 16 241.197 595 81	-69.026 783 58 -69.026 811 12	-3.28 -3.28	6.01 6.01	1.35 1.35	20.67 21.14 2.89 1.34 2.35 28.64 39.22 2.89 1.34 2.35	A 116	0.23									
16049+7016	1	F CA	A 78761 C 78761	7.167 0.017 8.557 0.062					241.203 989 01 241.203 813 15	+70.261 647 87 +70.261 671 34	7.04 7.04	5.91 5.91	26.43 26.43	1.98 1.73 0.59 0.57 0.66 5.58 6.46 0.59 0.57 0.66	A 292	0.230									
16052+2211	1	F CA	A 78800 B 78800	8.797 0.006 11.840 0.100	9.370 0.016	8.695 0.014			241.311 158 42 241.310 479 83	+22.182 015 37 +22.181 230 31	9.53 9.53	-40.28 -40.28	-22.42 -22.42	1.41 1.30 1.69 1.57 1.74 29.34 29.07 1.69 1.57 1.74	A 218.7	3.62									
16052-6109	1	F CB	A 78799 B 78799	8.648 0.004 12.354 0.113					241.297 577 70 241.298 024 27	-61.154 169 72 -61.154 190 65	2.18 2.18	-11.65 -11.65	-21.86 -21.86	0.96 1.05 1.29 0.98 1.20 30.62 34.97 1.29 0.98 1.20	A 96	0.78									
16053-4930	1	F CA	G 78808 C 78808 B 78808	10.548 0.043 12.037 0.125 13.104 0.265	11.092 0.069	10.477 0.067			241.328 784 67 241.328 803 43 241.331 459 46	-49.502 255 11 -49.505 172 05 -49.501 509 66	0.36 0.36 0.36	-6.71 -6.71 -6.71	-1.88 -1.88 -1.88	5.00 3.44 5.34 6.54 4.55 26.79 17.47 5.34 6.54 4.55 63.50 51.27 5.34 6.54 4.55	A 179.8	10.50									
16054+5810	1	F CA	A 78812 B 78812	8.505 0.005 10.838 0.041					241.337 772 05 241.337 845 33	+58.166 249 01 +58.166 432 94	4.71 4.71	-19.93 -19.93	25.30 25.30	0.99 0.96 0.94 0.98 1.02 9.57 7.10 0.94 0.98 1.02	A 12	0.68									
16054-1948	1	I CA	A 78820 B 78821	2.594 0.010 4.924 0.073	2.528 0.004 4.794 0.006	2.608 0.004 4.831 0.008			241.359 312 06 241.360 730 17	-19.805 392 86 -19.801 841 91	6.15 2.88	-6.75 -34.59	-24.89 -7.47	1.28 0.96 1.12 1.42 1.07 22.87 16.31 12.99 16.49 11.03	A 20.6	13.66	-0.1	+0.01							
16057-0618	1	L CA	A 78849 B 78849	6.558 0.003 8.979 0.029					241.435 524 22 241.435 796 10	-6.291 143 10 -6.291 208 38	12.81 12.81	50.00 31.41	5.83 28.73	1.47 0.81 1.22 1.20 1.03 8.77 7.00 1.22 6.20 5.65	A 103.6	1.00	-1.0	-0.02							
16057-3252	1	L NB	G 78842 B 78842 C 78842	8.478 0.009 9.251 0.016 11.148 0.111					241.414 247 17 241.414 474 41 241.414 630 31	-32.861 820 17 -32.861 792 45 -32.859 145 25	23.85 23.85 23.85	-361.18 -362.13 -351.57	-235.01 -202.35 -242.81	2.18 1.72 1.91 2.67 2.36 7.14 6.18 1.91 6.05 5.11 35.44 23.84 1.91 30.71 27.53	A 82	0.69	-3	0.00							
16058+1041	1	F CA	A 78864 C 78864	8.799 0.050 9.996 0.151					241.473 827 50 241.473 817 01	+10.685 095 32 +10.685 158 71	24.81 24.81	-523.78 -523.78	-41.47 -41.47	4.93 5.74 1.58 2.10 1.62 15.28 15.26 1.58 2.10 1.62	A 351	0.23									
16058-3951	1	F CA	A 78853 B 78853	8.025 0.005 10.216 0.032	8.142 0.010	7.918 0.013			241.442 884 84 241.442 179 02	-39.843 249 86 -39.843 245 25	7.14 7.14	-21.07 -21.07	-25.29 -25.29	1.49 1.41 1.46 1.84 1.79 8.78 6.72 1.46 1.84 1.79	A 270.5	1.95									
16062-3802	1	F CA	A 78881 B 78881	8.290 0.004 10.537 0.031	8.665 0.011	8.169 0.011			241.539 158 27 241.538 788 24	-38.038 331 61 -38.038 157 02	8.37 8.37	-16.16 -16.16	-31.12 -31.12	1.10 0.89 1.24 1.18 1.10 8.42 7.38 1.24 1.18 1.10	A 300.9	1.22									
16064+1830	1	F CC	A 78898 B 78898	10.478 0.014 12.917 0.123	10.824 0.053	10.249 0.050			241.594 290 89 241.593 861 91	+18.501 751 41 +18.501 695 74	1.78 1.78	-23.81 -23.81	5.51 5.51	3.35 2.94 3.85 3.26 3.39 58.64 47.98 3.85 3.26 3.39	A 262	1.48									
16065-3120	1	F CA	A 78910 B 78910	10.034 0.008 10.418 0.011					241.617 019 00 241.617 192 49	-31.342 523 52 -31.342 469 28	3.40 3.40	-18.98 -18.98	-28.05 -28.05	4.76 2.81 3.50 5.50 3.24 8.70 7.41 3.50 5.50 3.24	A 70	0.57									
16065-4027	1	F CA	A 78915 B 78915	7.798 0.032 8.550 0.064					241.628 832 00 241.628 931 81	-40.450 140 30 -40.450 153 77	9.64 9.64	-2.14 -2.14	-7.13 -7.13	4.77 1.69 1.04 1.07 1.06 7.56 3.50 1.04 1.07 1.06	A 100	0.278									
16068-7153	1	F CA	A 78929 B 78929	8.639 0.006 10.628 0.032	8.700 0.009 10.279 0.052	8.578 0.010 9.729 0.059			241.688 021 12 241.689 337 02	-71.886 673 59 -71.887 115 88	4.59 4.59	8.34 8.34	1.54 1.54	0.98 1.18 1.49 0.96 1.39 7.35 9.68 1.49 0.96 1.39	A 137.2	2.17									
16071+1654	1	F CA	A 78957 B 78957	9.202 0.006 9.875 0.011					241.782 975 59 241.783 182 45	+16.893 819 31 +16.893 776 06	7.37 7.37	-13.02 -13.02	-12.57 -12.57	2.72 1.77 2.47 2.80 2.06 4.69 3.61 2.47 2.80 2.06	A 102.3	0.729									
16072+4613	1	F CB	A 78967 B 78967	9.167 0.138 10.539 0.487					241.808 323 91 241.808 358 27	+46.222 773 54 +46.222 809 50	1.25 1.25	-4.32 -4.32	-17.21 -17.21	6.25 9.04 0.81 0.87 0.88 23.74 27.38 0.81 0.87 0.88	A 33	0.16									
16073-4417	1	F CB	A 78974 B 78974	9.906 0.542 10.268 0.756					241.822 350 25 241.822 364 73	-44.277 424 46 -44.277 390 25	4.87 4.87	-16.20 -16.20	-1.36 -1.36	12.86 43.05 1.38 1.45 1.06 14.54 26.94 1.38 1.45 1.06	A 17	0.13									
16074+4842	1	F CC	A 78992 B 78992	11.071 0.040 13.825 0.508					241.856 713 28 241.856 367 70	+48.698 680 80 +48.698 624 59	4.33 4.33	-175.81 -175.81	56.10 56.10	3.97 3.69 3.84 4.12 3.86 48.57 53.38 3.84 4.12 3.86	A 256	0.85									
16075-5336	1	F CA	A 78997 B 78997	9.713 0.026 10.064 0.036					241.883 005 41 241.883 104 09	-53.603 281 37 -53.603 211 75	-0.51 -0.51	-7.27 -7.27	-12.36 -12.36	3.08 3.03 1.77 1.93 1.61 5.45 5.09 1.77 1.93 1.61	A 40	0.327									
16076+0002	1	F CB	A 79008 B 79008	9.918 0.007 12.965 0.118					241.906 707 56 241.906 713 05	+0.032 688 49 +0.032 479 10	19.79 19.79	38.14 38.14	-14.21 -14.21	2.43 1.47 2.38 3.58 2.33 55.84 33.24 2.38 3.58 2.33	A 178	0.75									



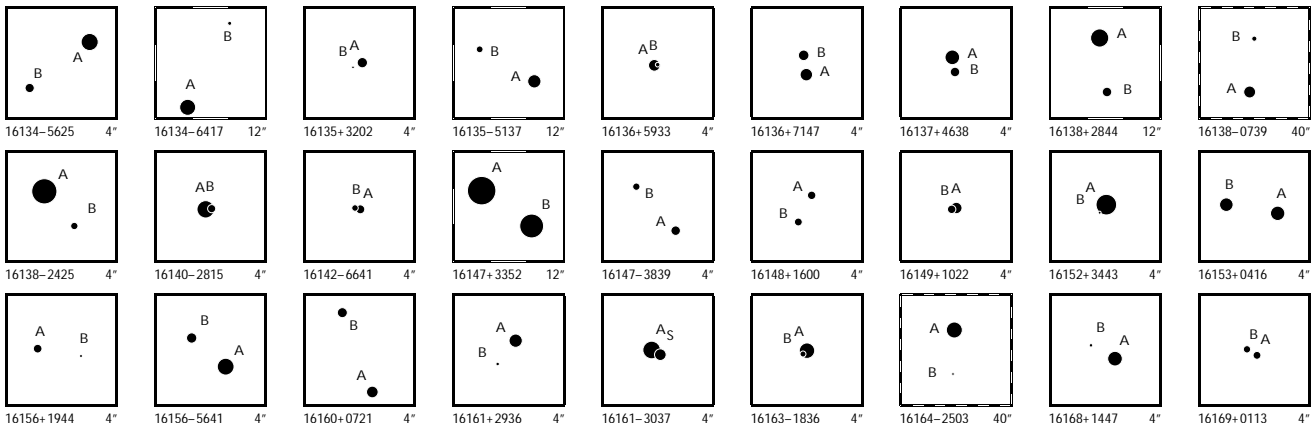
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16076+2900	1	FCA	A 79010 B 79010	7.958 0.004 10.072 0.030	8.117 0.006 9.938 0.024	7.912 0.007 9.520 0.030		241.909 445 71 241.910 218 62	+28.995 446 05 +28.995 730 48	2.72 2.72	-17.17 -17.17	-3.69 -3.69	0.79 0.90 6.78 8.70	1.20 0.75 1.20 0.75	0.98 0.98 0.98 0.98	A 67.2 2.64										
16076-0239	1	FCA	A 79003 B 79003	9.269 0.007 10.032 0.014	9.862 0.025 10.600 0.049	9.242 0.023 9.957 0.043		241.900 610 06 241.902 748 26	-2.650 230 59 -2.648 864 22	8.35 8.35	-42.50 -42.50	19.78 19.78	3.78 2.10 9.29 7.89	4.25 5.36 4.25 5.36	4.28 4.28 4.28 4.28	A 57.4 9.13										
16076-1245	1	FCB	A 79005 B 79005	5.782 0.003 9.769 0.096	5.764 0.003	5.758 0.004		241.901 835 90 241.900 898 59	-12.745 343 15 -12.745 516 94	7.66 7.66	-41.67 -41.67	-27.64 -27.64	0.89 0.70 43.52 35.21	0.86 0.93 0.86 0.93	0.84 0.84 0.84 0.84	A 259 3.35										
16077+2022	1	ICA	A 79017 B 79016	8.750 0.008 10.547 0.030	9.104 0.016 10.692 0.061	8.676 0.016 10.255 0.071		241.933 208 35 241.930 689 20	+20.374 354 65 +20.371 916 73	10.20 14.64	-32.61 -33.56	25.45 22.76	2.22 2.29 12.55 13.92	2.47 2.01 11.95 8.85	2.45 2.45 12.35 12.35	A 224.1 12.22	0.0	0.00								
16077-3802	1	FCB	A 79019 S 79019	9.014 0.008 9.038 0.008	9.631 0.016 9.666 0.018	8.849 0.014 8.829 0.012		241.934 774 41 241.934 938 03	-38.004 004 54 -38.039 500 96	12.13 12.13	-21.59 -21.59	-96.63 -96.63	4.87 2.55 6.21 2.78	2.93 3.99 2.93 3.99	2.84 2.84 2.84 2.84	A 14.4 1.871										
16079+1425	1	FCA	A 79034 B 79034	8.876 0.095 10.197 0.321				241.979 787 87 241.979 799 75	+14.422 849 49 +14.422 893 05	3.64 3.64	11.15 11.15	5.50 5.50	3.11 8.25 9.52 19.70	1.39 1.55 1.39 1.55	1.15 1.15 1.15 1.15	A 15 0.16										
16079-5342	1	FND	A 79033 B 79033	8.727 0.007 12.768 0.294	8.803 0.013	8.714 0.016		241.972 084 49 241.970 211 06	-53.693 621 99 -53.692 910 63	-0.80 -0.80	-2.50 -2.50	-3.94 -3.94	1.31 1.13 85.41 68.71	1.51 1.55 1.51 1.55	1.43 1.43 1.43 1.43	A 303 4.74										
16080+4523	1	FCA	A 79037 B 79037	7.451 0.015 8.821 0.053				241.997 497 97 241.997 401 32	+45.380 261 40 +45.380 277 88	2.90 2.90	-2.73 -2.73	12.31 12.31	1.97 1.35 5.92 4.82	0.60 0.56 0.60 0.56	0.62 0.62 0.62 0.62	A 284 0.251										
16081+1703	1	IND	A 79043 B 79045	5.163 0.009 6.417 0.018	6.173 0.003 7.662 0.010	5.097 0.003 6.350 0.007		242.018 943 70 242.020 707 28	+17.054 993 49 +17.054 453 06	8.40 6.92	-34.29 -20.63	-5.46 -29.40	1.45 1.26 7.93 6.24	1.23 1.35 6.24 4.47	1.31 1.31 4.88 4.55	A 12.74 27.532	+0.04	-0.020								
16085-1006	1	LCA	A 79071 B 79071	7.320 0.004 7.844 0.007				242.113 455 78 242.113 420 48	-10.102 040 63 -10.102 170 21	18.75 18.75	38.07 35.80	-109.97 -114.58	1.49 1.16 2.35 1.95	1.42 1.48 1.42 2.12	1.12 1.12 1.50 1.50	A 195.0 0.483	+0.1	+0.005								
16085-3155	1	FCA	A 79078 B 79078	9.868 0.066 10.107 0.083				242.135 882 79 242.135 803 98	-31.919 696 88 -31.919 699 46	6.88 6.88	-16.50 -16.50	-19.59 -19.59	9.80 5.24 9.45 4.21	1.62 1.76 1.62 1.76	1.28 1.28 1.28 1.28	A 268 0.24										
16086+4003	1	FCA	A 79088 B 79088	8.674 0.006 10.770 0.035	9.003 0.012 11.043 0.070	8.611 0.012 10.407 0.063		242.157 711 57 242.160 753 32	+40.053 104 68 +40.053 084 87	4.10 4.10	-17.80 -17.80	18.56 18.56	1.01 1.16 10.03 9.97	1.28 1.28 1.28 1.28	1.22 1.22 1.22 1.22	A 90.5 8.38										
16087+0524	1	FCA	A 79093 B 79093	8.304 0.087 8.935 0.156				242.169 856 75 242.169 908 18	+5.405 763 21 +5.405 727 71	4.35 4.35	-11.12 -11.12	2.56 2.56	8.64 5.89 13.74 9.34	1.35 1.53 1.35 1.53	1.36 1.36 1.36 1.36	A 125 0.22										
16087+2212	1	FCA	A 79091 B 79091	9.070 0.007 12.283 0.133	9.460 0.014	8.974 0.014		242.164 153 13 242.164 533 23	+22.203 839 48 +22.203 910 32	12.09 12.09	-10.18 -10.18	-4.97 -4.97	1.46 1.42 39.97 32.45	1.83 1.54 1.83 1.54	1.88 1.88 1.88 1.88	A 79 1.29										
16089+4521	1	FCA	A 79116 B 79116	8.261 0.004 9.504 0.012	8.582 0.010 9.885 0.032	8.196 0.010 9.349 0.029		242.228 131 41 242.228 552 06	+45.353 277 03 +45.352 497 53	9.43 9.43	15.44 15.44	0.63 0.63	0.84 0.90 3.23 3.15	0.90 0.86 0.90 0.86	1.01 1.01 1.01 1.01	A 159.2 3.001										
16092-1057	1	FCA	A 79135 B 79135	9.083 0.033 10.644 0.140				242.289 232 73 242.289 201 62	-10.943 597 94 -10.943 523 21	2.53 2.53	-1.16 -1.16	-17.25 -17.25	5.83 5.70 25.62 18.22	2.60 2.41 2.60 2.41	2.16 2.16 2.16 2.16	A 338 0.29										
16092-2156	1	FCA	A 79146 B 79146	9.554 0.013 12.220 0.143				242.312 321 31 242.312 309 18	-21.941 016 22 -21.941 134 96	7.07 7.07	-11.66 -11.66	2.85 2.85	2.47 2.75 35.62 35.05	2.30 2.41 2.30 2.41	1.89 1.89 1.89 1.89	A 185 0.43										
16095+6722	1	FCB	A 79171 B 79171	9.522 0.266 10.807 0.868				242.380 039 30 242.379 956 92	+67.365 012 42 +67.364 997 93	4.13 4.13	-3.28 -3.28	-2.64 -2.64	17.30 8.74 35.89 21.89	0.81 0.92 0.81 0.92	0.93 0.93 0.93 0.93	A 245 0.13										
16095-3239	1	FCA	A 79173 B 79173	6.852 0.005 7.378 0.009	7.945 0.011 7.816 0.010	6.740 0.007 7.315 0.011		242.382 321 04 242.384 841 01	-32.648 938 35 -32.648 715 19	9.49 9.49	-22.76 -22.76	-30.22 -30.22	1.60 1.24 3.92 2.40	1.47 1.50 1.47 1.50	1.36 1.36 1.36 1.36	A 84.00 7.681										
16096+2658	1	FCA	A 79177 B 79177	8.168 0.008 10.636 0.076				242.400 697 89 242.400 788 18	+26.972 836 53 +26.972 901 93	1.96 1.96	-3.59 -3.59	8.11 8.11	1.42 1.56 10.41 13.93	1.43 0.91 1.43 0.91	1.32 1.32 1.32 1.32	A 51 0.37										
16099-3136	1	FCA	A 79198 B 79198	9.226 0.010 10.170 0.023	9.711 0.036 10.458 0.049	9.187 0.036 9.921 0.047		242.466 125 17 242.466 093 53	-31.604 037 19 -31.601 919 91	2.23 2.23	21.27 21.27	-9.66 -9.66	2.50 1.59 7.33 5.09	2.61 2.63 2.61 2.63	2.04 2.04 2.04 2.04	A 359.3 7.62										
16100-6329	1	ICA	A 79210 B 79213	8.715 0.014 10.427 0.058	9.806 0.029 12.270 0.243	8.678 0.019 10.367 0.064		242.499 026 83 242.501 145 90	-63.476 430 83 -63.480 792 37	4.15 -0.59	-24.46 -4.19	-23.81 -2.54	1.91 2.41 18.69 20.55	2.50 2.25 11.06 14.63	2.75 2.75 16.66 16.66	A 167.8 16.07	-0.1	-0.02								
16100-6609	1	LCA	A 79212 B 79212	8.716 0.010 10.577 0.048	9.250 0.013	8.715 0.012		242.500 071 06 242.498 357 87	-66.158 396 85 -66.158 948 63	4.06 4.06	-4.90 -18.06	18.81 -4.92	1.64 1.64 10.45 10.17	1.28 2.28 1.13 6.52	1.69 7.87 1.69 7.87	A 231.5 3.19	-0.2	+0.03								
16101-6532	1	FCA	A 79227 B 79227	9.162 0.020 10.596 0.076				242.536 337 92 242.536 500 19	-65.527 663 58 -65.527 605 16	6.75 6.75	-6.24 -6.24	-7.35 -7.35	3.23 3.52 9.83 13.38	2.04 1.36 2.04 1.36	1.50 1.50 1.50 1.50	A 49 0.32										
16101-7302	1	FCA	A 79222 B 79222	8.161 0.007 10.540 0.064				242.523 883 71 242.523 916 39	-73.025 583 84 -73.025 691 38	2.44 2.44	7.62 7.62	4.59 4.59	1.00 1.63 10.28 11.50	1.13 1.13 1.13 0.78	1.10 1.10 1.10 1.10	A 175 0.39										
16108-4522	1	FCA	A 79275 B 79275	10.173 0.128 11.303 0.362				242.694 832 24 242.694 779 95	-45.373 985 00 -45.373 943 58	9.46 9.46	10.74 10.74	-3.19 -3.19	7.97 10.52 32.47 24.62	1.63 1.39 1.63 1.39	1.19 1.19 1.19 1.19	A 318 0.20										
16108-4848	1	FCB	A 79279 B 79279	8.485 0.041 11.342 0.564				242.704 786 09 242.704 909 04	-48.794 920 58 -48.794 928 29	4.11 4.11	-2.32 -2.32	-4.00 -4.00	7.63 1.50 55.53 22.43	1.58 1.66 1.58 1.66	1.25 1.25 1.25 1.25	A 95 0.29										



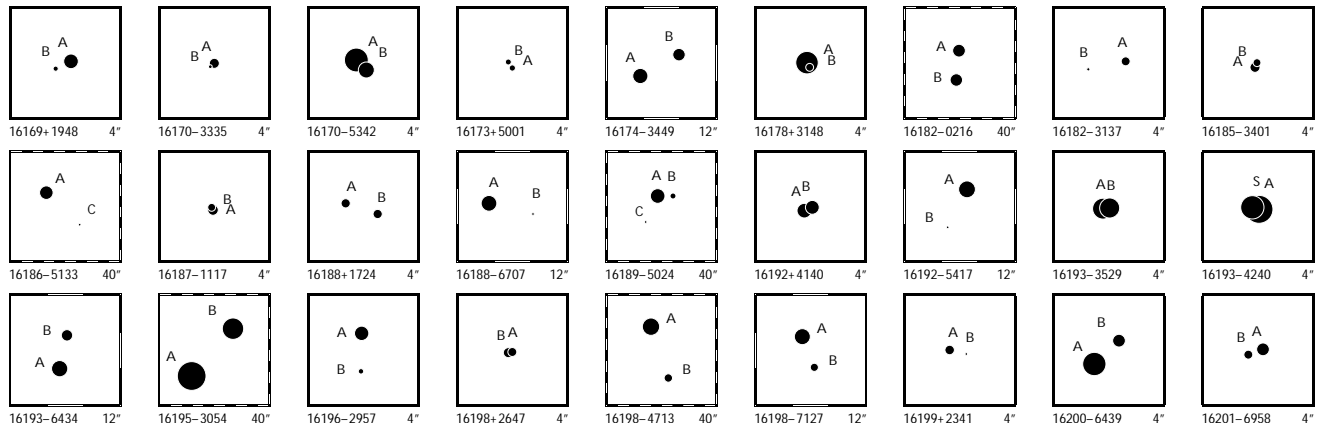
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16108-5610	1	F CA	A 79278 B 79278	9.820 12.103	0.013 0.105	11.052	0.076	9.787	0.040	242.701 683 00 242.702 838 49	-56.164 750 61 -56.164 763 58	4.37 4.37	-8.26 -8.26	-14.78 -14.78	2.44 23.78	1.98 19.42	2.63 2.63	2.92 2.92	2.37 2.37	A	91.2	2.32			
16108-7502	1	F CA	A 79274 B 79274	9.346 11.504	0.007 0.046					242.692 232 79 242.693 326 01	-75.026 090 02 -75.026 045 07	1.49 1.49	-0.90 -0.90	-5.53 -5.53	1.09 10.11	1.27 10.70	1.50 1.50	1.06 1.06	1.46 1.46	A	81	1.03			
16109-4026	1	F CC	A 79290 B 79290	9.436 13.060	0.007 0.190	9.623	0.018	9.407	0.021	242.731 979 43 242.731 616 61	-40.436 739 46 -40.435 969 45	-1.72 -1.72	-4.28 -4.28	-6.70 -6.70	1.94 69.63	1.16 33.03	2.53 2.53	2.07 2.07	1.86 1.86	A	340	2.94			
16110-5736	1	F CA	A 79298 B 79298	7.642 11.117	0.004 0.085					242.747 127 86 242.747 494 59	-57.607 672 38 -57.607 690 78	2.33 2.33	-11.53 -11.53	-9.97 -9.97	0.97 17.21	0.91 17.77	1.07 1.07	1.05 1.05	0.96 0.96	A	95	0.71			
16112+4734	1	F CA	A 79312 B 79312	8.073 10.851	0.005 0.063	8.439	0.007	8.026	0.008	242.798 880 83 242.799 185 00	+47.559 907 97 +47.559 214 63	6.86 6.86	-21.98 -21.98	40.17 40.17	0.95 14.45	0.91 21.40	0.98 0.98	1.12 1.12	0.99 0.99	A	163.5	2.60			
16114-5124	1	I CA	A 79329 B 79330	9.995 10.994	0.023 0.050	11.828	0.153	9.977	0.044	242.856 334 92 242.857 025 41	-51.393 399 74 -51.389 352 21	6.49 3.67	-19.78 -10.38	-12.08 -6.59	5.31 19.78	3.78 14.75	4.98 11.05	6.15 13.75	4.40 9.34	A	6.1	14.65	0.0	+0.01	
16115+0943	1	F CA	A 79337 B 79337	7.193 7.515	0.480 0.646					242.873 930 55 242.873 965 01	+9.712 056 26 +9.712 049 60	7.60 7.60	26.34 26.34	-10.86 -10.86	27.22 40.12	38.42 49.66	0.81 0.81	0.79 0.79	0.73 0.73	A	101	0.12			
16115+1507	1	F NB	A 79333 B 79333	9.703 9.711	0.006 0.006					242.870 020 61 242.870 188 60	+15.123 723 30 +15.123 619 44	7.66 7.66	-0.33 -0.33	0.84 0.84	3.87 5.33	2.51 3.42	3.39 3.39	3.26 3.26	2.69 2.69	A	122.6	0.693			
16115-5021	1	F CB	A 79336 C 79336	11.013 11.391	0.013 0.018					242.873 756 92 242.873 551 72	-50.365 275 33 -50.365 332 33	19.65 19.65	-20.62 -20.62	-80.64 -80.64	4.59 8.52	2.87 7.70	3.86 3.86	4.54 4.54	2.87 2.87	A	247	0.51			
16117+3321	1	F CB	A 79350 B 79350	6.483 10.570	0.003 0.107	7.930	0.007	6.441	0.004	242.914 982 99 242.913 127 13	+33.342 729 66 +33.342 536 72	6.33 6.33	5.07 5.07	14.22 14.22	0.52 22.77	0.60 33.65	0.68 0.68	0.50 0.50	0.64 0.64	A	262.9	5.62			
16118+3424	1	F CA	A 79362 B 79362	8.503 9.019	0.029 0.047					242.960 465 21 242.960 484 87	+34.396 620 99 +34.396 690 68	5.18 5.18	9.80 9.80	0.11 0.11	2.11 4.07	3.87 5.68	1.01 1.01	0.82 0.82	1.02 1.02	A	13	0.258			
16118-0041	1	F CA	A 79356 B 79356	11.571 12.176	0.027 0.047					242.946 314 19 242.946 301 48	-0.688 260 17 -0.687 955 36	1.62 1.62	-25.38 -25.38	-5.23 -5.23	7.85 19.58	4.07 14.18	7.12 7.12	10.87 10.87	6.11 6.11	A	358	1.10			
16118-5532	1	F CB	A 79360 B 79360	11.820 12.336	0.512 0.823					242.957 230 27 242.957 334 57	-55.536 648 28 -55.536 668 84	2.12 2.12	-8.50 -8.50	-3.41 -3.41	33.82 110.05	15.52 61.80	3.38 3.38	3.37 3.37	2.88 2.88	A	109	0.22			
16119-2733	1	F CA	A 79363 B 79363	8.109 9.859	0.007 0.036	8.376	0.013	8.035	0.014	242.961 241 97 242.961 004 83	-27.552 638 12 -27.551 291 08	9.79 9.79	-17.69 -17.69	-34.08 -34.08	1.51 10.79	1.04 6.96	1.46 1.46	1.78 1.78	1.25 1.25	A	351.1	4.91			
16120-1928	1	F CA	A 79374 B 79374	4.364 5.390	0.005 0.013	4.109	0.029	4.127	0.028	242.998 918 79 242.998 931 49	-19.460 646 84 -19.460 284 60	7.47 7.47	-9.70 -9.70	-25.25 -25.25	1.07 4.40	0.85 3.79	1.11 1.11	1.13 1.13	0.93 0.93	A	1.9	1.305			
16121+1155	1	F CA	A 79386 B 79386	8.575 9.744	0.010 0.029	8.107	0.013	8.446	0.014	243.029 310 63 243.030 449 38	+11.910 924 32 +11.909 191 13	4.43 4.43	24.87 24.87	-19.37 -19.37	1.94 7.66	1.62 6.70	2.13 2.13	2.37 2.37	2.06 2.06	A	147.3	7.42			
16121+1433	1	IND	A 79388 B 79384	8.551 9.241	0.009 0.013	10.304	0.032	8.563	0.014	243.034 911 79 243.026 799 30	+14.548 950 10 +14.547 079 32	0.71 0.39	15.04 -16.37	-17.99 -7.25	2.67 6.24	2.12 4.79	2.57 4.17	2.85 4.74	2.28 3.94	A	256.60	29.06	+0.03	+0.03	
16122-0007	1	F CA	A 79391 B 79391	8.108 10.280	0.004 0.023					243.040 127 03 243.040 364 08	-0.110 813 87 -0.110 767 25	4.97 4.97	3.37 3.37	12.27 12.27	1.53 11.50	1.04 7.43	1.38 1.38	1.55 1.55	1.44 1.44	A	79	0.87			
16123-2825	1	F CA	A 79399 B 79399	5.794 8.128	0.003 0.028	5.735	0.006	5.776	0.008	243.066 895 23 243.068 041 58	-28.417 205 70 -28.416 859 40	10.94 10.94	-22.99 -22.99	-40.90 -40.90	0.89 9.29	0.63 5.17	0.91 0.91	0.87 0.87	0.72 0.72	A	71.0	3.84			
16123-4223	1	F CB	A 79400 B 79400	8.271 11.715	0.006 0.127	8.526	0.009	8.226	0.010	243.069 855 22 243.069 507 67	-42.374 983 73 -42.376 312 77	7.11 7.11	-19.52 -19.52	-30.38 -30.38	1.30 34.95	1.04 19.26	1.48 1.48	1.48 1.48	1.42 1.42	A	190.9	4.87			
16125-3806	1	F CA	A 79419 B 79419	10.028 12.218	0.013 0.094	11.423	0.115	9.965	0.046	243.126 522 72 243.126 642 84	-38.106 497 99 -38.106 926 88	26.57 26.57	-155.02 -155.02	-53.30 -53.30	2.55 25.68	1.91 21.08	2.56 2.56	3.15 3.15	2.36 2.36	A	168	1.58			
16126+5748	1	F CA	A 79426 B 79426	8.807 11.519	0.005 0.052	9.195	0.017	8.748	0.017	243.146 373 83 243.148 862 27	+57.795 006 57 +57.795 886 38	8.96 8.96	-16.51 -16.51	-2.31 -2.31	1.01 13.13	0.96 15.86	0.98 0.98	1.13 1.13	1.06 1.06	A	56.4	5.73			
16127+4047	1	F CA	A 79436 B 79436	7.946 10.534	0.004 0.041	8.106	0.010	7.889	0.012	243.180 055 71 243.178 236 66	+40.781 702 41 +40.780 895 20	6.62 6.62	-21.24 -21.24	0.43 0.43	0.87 8.85	0.79 8.22	0.96 0.96	1.01 1.01	0.89 0.89	A	239.6	5.75			
16127-5419	1	F CB	A 79440 B 79440	10.016 11.841	0.030 0.156					243.187 173 39 243.186 290 87	-54.318 592 14 -54.317 879 38	3.71 3.71	-11.92 -11.92	4.73 4.73	5.60 64.99	4.00 41.64	6.31 6.31	6.37 6.37	4.88 4.88	A	324	3.17			
16128+2640	1	F CA	A 79441 B 79441	6.594 9.991	0.002 0.046	6.972	0.003	6.578	0.003	243.189 273 82 243.189 640 95	+26.670 659 93 +26.670 100 47	13.68 13.68	68.89 68.89	-31.74 -31.74	0.53 10.80	0.61 16.78	0.81 0.81	0.52 0.52	0.67 0.67	A	149.6	2.33			
16128+3922	1	L CA	A 79448 S 79448	9.141 9.880	0.127 0.251					243.201 308 15 243.201 274 79	+39.359 217 30 +39.359 254 14	15.31 15.31	-268.52 -255.09	283.89 268.84	6.63 12.21	8.53 15.64	0.85 0.85	3.02 5.86	3.00 6.01	A	325	0.16	+1	-0.02	
16134+1331	1	L CA	A 79492 B 79492	7.511 7.594	0.005 0.005	8.261	0.012	7.398	0.011	243.326 426 84 243.326 267 18	+13.527 928 67 +13.529 067 82	41.05 41.05	183.41 192.75	-418.70 -417.09	1.64 3.24	1.28 2.03	1.58 1.58	1.44 2.59	1.26 1.80	A	352.24	4.139	+0.13	0.000	



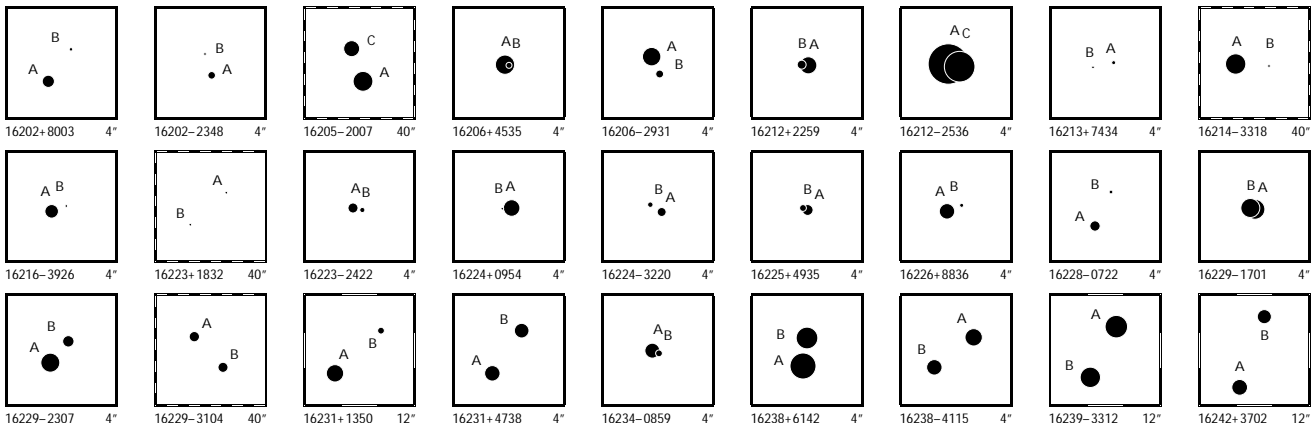
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
16134-5625	1	FCA	A 79499 B 79499	8.223 0.007 9.956 0.032	8.673 0.013	8.133 0.013		243.351 623 46 243.352 735 50	-56.414 502 43 -56.414 974 56	11.62 11.62	-60.41 -60.41	-16.68 -16.68	1.50 1.25 1.42 1.69 1.37 7.81 5.88 1.42 1.69 1.37	A 127.5	2.79												
16134-6417	1	FCA	A 79502 B 79502	8.439 0.006 11.120 0.066	9.829 0.023	8.424 0.013		243.355 597 53 243.352 555 73	-64.285 831 99 -64.283 264 48	4.52 4.52	-27.64 -27.64	-27.16 -27.16	1.10 1.35 1.54 1.33 1.63 18.24 20.58 1.54 1.33 1.63	A 332.8	10.39												
16135+3202	1	FCA	A 79511 B 79511	9.714 0.014 12.531 0.183				243.371 464 04 243.371 575 90	+32.031 244 33 +32.031 193 22	2.73 2.73	0.12 0.12	9.92 9.92	2.44 2.15 1.98 1.45 2.16 35.79 33.65 1.98 1.45 2.16	A 118	0.39												
16135-5137	1	FCA	A 79513 B 79513	9.084 0.008 10.524 0.028	10.006 0.027	8.974 0.019		243.375 732 27 243.378 415 71	-51.617 456 12 -51.616 458 34	2.40 2.40	-0.58 -0.58	0.67 0.67	2.11 1.55 2.42 2.49 1.98 10.59 6.61 2.42 2.49 1.98	A 59.1	6.99												
16136+5933	1	FCC	A 79515 B 79515	9.412 0.027 10.985 1.263				243.389 860 94 243.389 793 91	+59.554 187 51 +59.554 202 66	1.40 1.40	-0.10 -0.10	1.32 1.32	11.50 13.38 0.84 0.83 0.92 95.29 39.74 0.84 0.83 0.92	A 294	0.13												
16136+7147	1	FCA	A 79514 B 79514	9.226 0.006 9.689 0.009				243.388 029 40 243.388 111 33	+71.784 064 37 +71.784 265 26	2.15 2.15	-9.37 -9.37	10.17 10.17	1.58 2.20 1.73 1.67 2.52 3.36 3.67 1.73 1.67 2.52	A 7.3	0.729												
16137+4638	1	LCA	A 79526 B 79526	8.784 0.005 9.923 0.014				243.432 098 55 243.432 066 27	+46.639 634 76 +46.639 485 30	11.89 11.89	-100.14 -88.80	42.10 25.11	1.36 1.50 1.18 1.17 1.19 5.43 4.86 1.18 3.34 2.82	A 188.4	0.544	-1.4	+0.015										
16138+2844	1	FCA	A 79533 B 79533	7.995 0.005 9.896 0.027	8.362 0.009	7.911 0.008		243.449 323 98 243.449 089 31	+28.732 200 29 +28.730 518 75	6.09 6.09	-26.55 -26.55	-1.35 -1.35	0.79 0.98 1.21 0.75 1.09 5.09 7.77 1.21 0.75 1.09	A 186.98	6.10												
16138-0739	1	LCA	A 79532 B 79531	9.333 0.024 10.880 0.083	9.499 0.025	9.326 0.030		243.443 008 00 243.442 505 69	-7.645 659 74 -7.640 242 08	1.85 16.42	-7.90 -5.30	-9.83 -9.43	3.45 2.49 2.83 3.52 2.75 29.96 22.42 15.48 18.96 15.36	A 354.7	19.59	0.0	0.00										
16138-2425	1	FCC	A 79530 B 79530	6.442 0.003 10.402 0.077	6.430 0.004	6.421 0.004		243.439 600 40 243.439 257 66	-24.422 045 74 -24.422 400 41	7.20 7.20	-9.97 -9.97	-19.22 -19.22	0.93 0.59 0.95 0.93 0.72 42.16 23.67 0.95 0.93 0.72	A 221	1.70												
16140-2815	1	FCC	A 79552 B 79552	8.152 0.070 10.217 0.471				243.492 209 14 243.492 136 45	-28.252 600 70 -28.252 591 61	6.88 6.88	-16.09 -16.09	-16.25 -16.25	8.25 2.73 1.24 1.13 0.90 44.84 20.21 1.24 1.13 0.90	A 278	0.23												
16142-6641	1	FCA	A 79577 B 79577	10.001 0.112 10.559 0.188				243.547 717 73 243.547 842 91	-66.679 449 19 -66.679 434 58	3.92 3.92	-6.42 -6.42	-9.01 -9.01	10.25 6.77 1.46 1.04 1.35 15.48 11.10 1.46 1.04 1.35	A 74	0.19												
16147+3352	1	LNB	P A 79607 B 79607	5.712 0.009 6.742 0.022	6.249 0.008	5.606 0.009		243.671 003 28 243.669 142 97	+33.858 824 04 +33.857 721 70	46.11 46.11	-266.47 -292.04	-86.88 -81.73	0.88 1.04 0.98 0.86 1.12 5.10 6.54 0.98 2.91 4.16	A 234.49	6.832	+0.16	+0.018										
16147-3839	1	FCA	A 79610 B 79610	9.897 0.012 10.354 0.019	10.102 0.032	9.529 0.026		243.679 286 94 243.679 807 82	-38.645 350 29 -38.644 892 93	10.07 10.07	-14.06 -14.06	-29.38 -29.38	3.02 2.51 3.13 3.36 3.17 6.39 5.35 3.13 3.36 3.17	A 41.7	2.20												
16148+1600	1	FCA	A 79614 B 79614	10.167 0.019 10.264 0.021				243.689 662 44 243.689 812 57	+16.006 796 29 +16.006 517 27	1.40 1.40	-35.64 -35.64	8.86 8.86	3.85 3.56 3.61 3.95 3.81 9.35 7.81 3.61 3.95 3.81	A 152.7	1.13												
16149+1022	1	FCA	A 79626 B 79626	9.487 0.184 10.141 0.337				243.729 694 90 243.729 743 59	+10.372 776 89 +10.372 766 27	8.41 8.41	-71.59 -71.59	46.37 46.37	16.78 6.39 1.73 1.46 1.73 24.14 13.02 1.73 1.46 1.73	A 102	0.18												
16152+3443	1	FCC	A 79651 B 79651	7.450 0.007 11.324 0.228				243.812 428 03 243.812 507 09	+34.713 239 23 +34.713 158 07	7.08 7.08	-18.75 -18.75	-29.02 -29.02	1.31 1.14 0.93 0.81 0.89 34.74 35.70 0.93 0.81 0.89	A 141	0.37												
16153+0416	1	FCA	A 79657 B 79657	8.818 0.006 8.998 0.006	8.949 0.027	8.583 0.026		243.819 124 56 243.819 647 22	+4.262 912 62 +4.263 005 45	3.05 3.05	4.85 4.85	1.31 1.31	2.86 2.10 2.90 4.45 2.83 3.86 2.73 2.90 4.45 2.83	A 79.9	1.906												
16156+1944	1	FCA	A 79668 B 79668	10.104 0.008 11.316 0.024	10.781 0.034	9.912 0.025		243.891 285 63 243.890 809 89	+19.735 028 59 +19.734 949 42	7.83 7.83	27.75 27.75	-34.22 -34.22	2.00 2.08 2.65 2.10 2.93 6.86 7.24 2.65 2.10 2.93	A 260.0	1.64												
16156-5641	1	FCA	A 79669 B 79669	8.304 0.004 9.718 0.016	9.068 0.014	8.166 0.010		243.895 634 51 243.896 260 94	-56.687 782 36 -56.687 485 78	10.91 10.91	5.62 5.62	-12.50 -12.50	1.53 1.24 1.30 1.56 1.29 4.86 4.08 1.30 1.56 1.29	A 49.2	1.635												
16160+0721	1	LCA	A 79702 B 79702	9.406 0.007 9.785 0.010	10.260 0.035	9.260 0.027		243.987 319 12 243.987 630 27	+7.358 209 79 +7.359 014 01	38.84 38.84	172.58 181.96	-474.92 -443.22	2.67 2.31 2.96 2.65 2.14 5.58 3.69 2.96 6.81 4.27	A 21.0	3.101	0.0	+0.033										
16161+2936	1	FCA	A 79713 B 79713	9.035 0.008 11.197 0.058	9.424 0.014	8.899 0.014		244.022 628 52 244.022 833 92	+29.607 688 22 +29.607 447 36	6.91 6.91	4.71 4.71	-31.08 -31.08	1.10 1.39 1.72 1.19 1.56 9.35 12.27 1.72 1.19 1.56	A 143	1.08												
16161-3037	1	FCA	A 79706 S 79706	8.114 0.012 9.401 0.039				244.015 477 90 244.015 381 81	-30.621 757 05 -30.621 800 44	5.34 5.34	-15.80 -15.80	-15.46 -15.46	3.04 2.11 1.59 1.64 1.12 10.65 7.99 1.59 1.64 1.12	A 242	0.34												
16163-1836	1	FCC	A 79732 B 79732	8.568 0.077 10.684 0.539				244.085 029 84 244.085 079 25	-18.598 619 37 -18.598 651 71	7.25 7.25	21.78 21.78	-47.82 -47.82	9.35 5.79 2.04 1.80 1.44 69.85 37.63 2.04 1.80 1.44	A 125	0.20												
16164-2503	1	FCA	A 79734 B 79734	8.486 0.015 11.731 0.276	8.732 0.011	8.421 0.012		244.095 627 80 244.095 806 66	-25.062 917 80 -25.067 468 35	4.07 4.07	-14.90 -14.90	-26.57 -26.57	1.55 1.08 1.75 1.48 1.30 68.02 43.06 1.75 1.48 1.30	A 178.0	16.39												
16168+1447	1	FCA	A 79764 B 79764	8.785 0.008 11.227 0.071				244.191 974 78 244.192 222 01	+14.790 495 82 +14.790 635 76	6.11 6.11	-54.77 -54.77	-34.39 -34.39	1.55 1.15 1.54 1.82 1.37 16.85 12.32 1.54 1.82 1.37	A 60	1.00												
16169+0113	1	FCA	A 79774 B 79774	10.238 0.017 10.352 0.018				244.218 570 75 244.218 680 19	+1.221 430 95 +1.221 491 03	8.61 8.61	-49.56 -49.56	18.57 18.57	5.30 3.42 3.85 5.58 3.52 9.16 6.32 3.85 5.58 3.52	A 61	0.45												



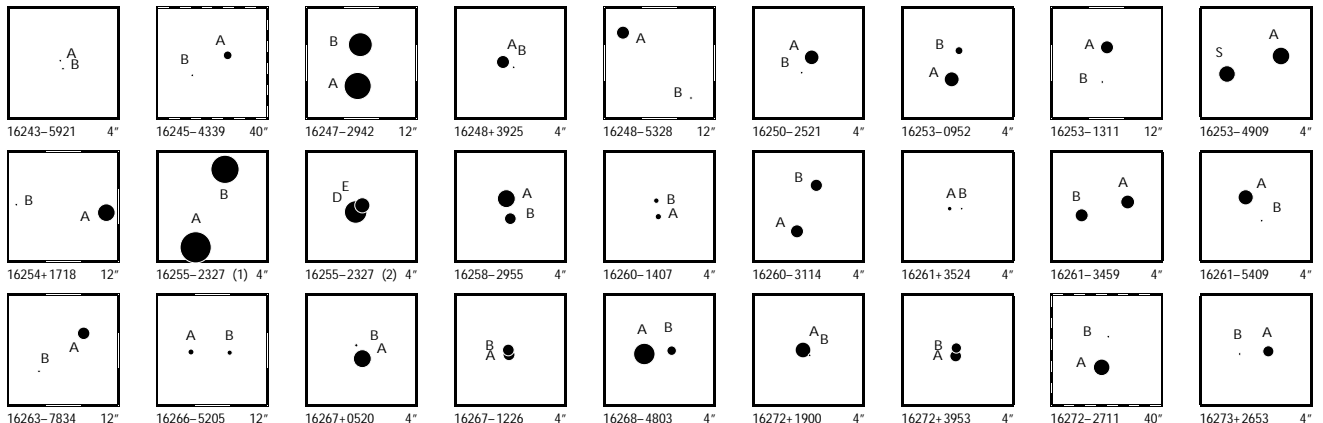
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16169+1948	1	F	CA	A 79773 B 79773	8.745 10.860	0.004 0.024					244.214 277 59 244.214 450 37	+19.801 529 55 +19.801 447 35	2.91 2.91	2.45 2.45	-19.17 -19.17	1.11 6.19	1.20 7.08	1.46 1.46	1.14 1.14	1.68 1.68	A 117	0.66			
16170-3335	1	F	CA	A 79793 B 79793	9.799 11.136	0.116 0.398					244.262 103 69 244.262 151 98	-33.587 041 48 -33.587 080 11	8.25 8.25	-26.84 -26.84	-37.77 -37.77	11.13 37.18	8.87 25.61	1.76 1.76	2.01 2.01	1.68 1.68	A 134	0.20			
16170-5342	1	L	CA	A 79787 B 79787	6.746 8.467	0.003 0.016					244.245 777 01 244.245 603 83	-53.695 959 14 -53.696 059 95	13.84 13.84	-58.94 -72.71	-113.01 -98.32	1.20 6.80	0.93 5.37	1.16 1.16	1.37 5.51	1.06 4.32	A 225	0.52	+2	0.00	
16173+5001	1	F	CA	A 79810 B 79810	10.634 10.660	0.049 0.050					244.326 582 19 244.326 646 26	+50.009 863 94 +50.009 925 76	2.89 2.89	-4.19 -4.19	11.53 11.53	5.02 6.62	6.00 6.79	1.35 1.35	1.41 1.41	1.53 1.53	A 34	0.27			
16174-3449	1	F	CA	A 79818 B 79818	8.630 9.254	0.007 0.012	9.001 9.645	0.018 0.049	8.484 9.012	0.017 0.045	244.362 217 33 244.360 763 78	-34.819 445 54 -34.818 790 57	10.83 10.83	33.56 33.56	82.06 82.06	2.41 5.15	1.55 3.28	2.51 2.51	2.61 2.61	1.77 1.77	A 298.76	4.90			
16178+3148	1	F	CB	A 79837 B 79837	7.020 10.233	0.024 0.469					244.441 077 63 244.441 050 93	+31.803 627 58 +31.803 568 53	34.81 34.81	155.73 155.73	312.26 312.26	2.82 50.47	3.34 36.07	0.82 0.82	0.61 0.61	0.72 0.72	A 201	0.23			
16182-0216	1	I	CA	A 79868 B 79869	9.150 9.214	0.014 0.014	9.465 9.550	0.027 0.025	9.036 9.141	0.026 0.026	244.544 295 02 244.544 588 86	-2.270 480 51 -2.273 451 46	-1.64 3.07	-12.88 -18.60	-15.36 -15.50	7.11 5.48	4.88 3.58	4.60 5.61	5.50 7.82	3.87 3.61	A 174.36	10.75	+0.03	0.00	
16182-3137	1	F	CA	A 79873 B 79873	10.032 11.271	0.007 0.022	10.635	0.047	9.892	0.040	244.555 995 93 244.556 443 25	-31.612 226 81 -31.612 311 45	7.15 7.15	35.23 35.23	-5.09 -5.09	2.38 10.35	1.66 6.64	2.48 2.48	2.27 2.27	2.00 2.00	A 102.5	1.40			
16185-3401	1	F	CA	A 79896 B 79896	9.787 10.273	0.076 0.119					244.616 784 81 244.616 757 25	-34.009 428 03 -34.009 377 03	9.52 9.52	-16.73 -16.73	-6.01 -6.01	6.21 12.36	6.52 10.02	1.88 1.88	2.05 2.05	1.78 1.78	A 336	0.20			
16186-5133	1	F	NC	A 79902 C 79902	9.017 12.481	0.023 0.510	10.209	0.032	8.988	0.020	244.643 300 72 244.637 833 08	-51.551 842 26 -51.555 023 27	2.05 2.05	13.81 13.81	-1.07 -1.07	1.73 115.26	1.25 75.69	1.98 1.98	2.01 2.01	1.59 1.59	A 226.9	16.76			
16187-1117	1	F	CA	A 79915 B 79915	9.660 10.265	0.327 0.571					244.681 148 22 244.681 155 29	-11.289 503 01 -11.289 466 21	-1.78 -1.78	-10.18 -10.18	0.05 0.05	7.90 14.01	17.85 39.54	2.04 2.04	1.58 1.58	1.24 1.24	A 11	0.13			
16188+1724	1	F	CA	B 79926 A 79926	9.937 9.982	0.009 0.010	10.071	0.030	9.343	0.025	244.704 227 31 244.704 571 59	+17.399 538 84 +17.399 647 69	6.36 6.36	-27.12 -27.12	-29.20 -29.20	4.21 5.79	3.82 4.11	3.03 3.03	3.05 3.05	3.03 3.03	B 71.7	1.25			
16188-6707	1	F	ND	A 79925 B 79925	8.514 12.710	0.009 0.409	9.803	0.017	8.457	0.010	244.703 007 05 244.699 531 86	-67.112 002 10 -67.112 312 74	5.23 5.23	-14.42 -14.42	-25.30 -25.30	1.13 87.42	1.19 88.18	1.56 1.56	1.00 1.00	1.35 1.35	A 257	4.99			
16189-5024	1	F	CA	G A 79936 B 79936 C 79936	8.741 10.683 11.770	0.020 0.104 0.215	8.748 11.068 11.307	0.017 0.183 0.137	8.718 10.701 11.165	0.022 0.207 0.227	244.730 739 76 244.728 168 49 244.732 612 78	-50.391 845 24 -50.391 768 87 -50.394 404 01	2.84 2.84 2.84	-2.77 -2.77 -2.77	-8.55 -8.55 -8.55	3.04 15.69 39.61	2.13 10.38 29.38	3.15 3.15 3.15	3.50 3.50 3.50	2.71 2.71 2.71	A 272.7	5.91			
16192+4140	1	F	CA	A 79957 B 79957	8.736 8.969	0.019 0.023					244.810 314 77 244.810 209 45	+41.659 321 37 +41.659 352 55	3.60 3.60	-21.86 -21.86	15.66 15.66	2.33 3.21	1.76 2.91	0.98 0.98	0.93 0.93	0.84 0.84	A 292	0.305			
16192-5417	1	F	CC	A 79949 B 79949	8.261 11.822	0.012 0.306	10.646	0.048	8.388	0.014	244.790 555 40 244.791 585 14	-54.284 256 52 -54.285 416 47	1.17 1.17	-3.21 -3.21	-5.69 -5.69	1.96 76.93	1.56 72.51	2.25 2.25	2.05 2.05	1.68 1.68	A 153	4.70			
16193-3529	1	F	CA	A 79962 B 79962	7.404 7.538	0.039 0.044					244.821 783 87 244.821 696 68	-35.490 815 85 -35.490 811 74	8.46 8.46	-34.28 -34.28	-34.35 -34.35	5.05 5.78	1.57 2.13	0.89 0.89	0.90 0.90	0.83 0.83	A 273	0.256			
16193-4240	1	F	CA	A 79963 S 79963	5.827 6.862	0.014 0.036					244.823 476 34 244.823 567 97	-42.673 946 17 -42.673 924 28	6.97 6.97	6.62 6.62	-10.28 -10.28	2.25 5.92	1.82 5.57	1.00 1.00	0.89 0.89	0.81 0.81	A 72	0.255			
16193-6434	1	F	CA	A 79960 B 79960	8.399 9.454	0.005 0.013	8.451	0.012	8.354	0.015	244.820 043 02 244.819 493 72	-64.571 495 42 -64.570 468 39	6.32 6.32	-13.79 -13.79	-11.32 -11.32	1.26 4.23	1.26 4.81	1.68 1.68	1.35 1.35	1.48 1.48	A 347.1	3.79			
16195-3054	1	I	ND	D A 79980 B 79979	5.629 7.282	0.042 0.150	6.046	0.004	5.551	0.003	244.886 176 34 244.881 177 62	-30.906 768 96 -30.901 916 60	24.10 56.82	82.88 58.61	21.81 19.58	2.10 49.32	1.39 31.54	1.79 23.38	1.81 28.37	1.47 20.77	A 318.5	23.31	0.0	+0.01	
16196-2957	1	F	CA	A 79982 B 79982	8.836 10.770	0.014 0.083	9.380	0.022	8.742	0.019	244.887 525 86 244.887 525 34	-29.948 552 96 -29.948 933 71	7.60 7.60	2.09 2.09	-52.39 -52.39	2.22 19.42	1.48 14.40	2.20 2.20	2.28 2.28	1.53 1.53	A 180	1.37			
16198+2647	1	F	CA	B 79999 A 79999	9.790 10.042	0.109 0.137					244.956 828 45 244.956 775 59	+26.777 404 85 +26.777 415 94	7.64 7.64	-20.09 -20.09	-94.93 -94.93	9.29 11.04	5.98 8.16	1.26 1.26	0.88 0.88	0.96 0.96	B 283	0.17			
16198-4713	1	I	CA	A 79997 B 79996	8.177 10.113	0.016 0.081	8.519 10.403	0.010 0.033	8.075 9.677	0.010 0.029	244.953 849 45 244.951 214 30	-47.218 692 32 -47.223 916 68	12.14 15.66	-19.60 -38.18	-19.11 -43.15	1.90 30.55	1.66 24.42	1.74 12.49	2.16 2.16	2.00 23.43	A 198.9	19.88	0.0	+0.03	
16198-7127	1	F	CA	A 80002 B 80002	8.438 10.205	0.006 0.030	8.330	0.007	8.378	0.010	244.964 645 67 244.963 505 42	-71.448 762 14 -71.449 709 66	2.24 2.24	-0.29 -0.29	-12.68 -12.68	1.02 7.29	1.23 9.62	1.51 1.51	1.00 1.00	1.35 1.35	A 200.9	3.65			
16199+2341	1	F	CA	A 80006 B 80006	9.890 12.237	0.011 0.088					244.969 134 50 244.968 945 24	+23.682 318 20 +23.682 271 29	3.81 3.81	2.93 2.93	-15.66 -15.66	1.78 16.88	1.87 23.82	2.44 2.44	1.93 1.93	2.40 2.40	A 255	0.65			
16200-6439	1	F	CA	A 80017 B 80017	6.843 9.161	0.002 0.020	6.749	0.005	6.750	0.007	245.002 018 67 245.001 438 30	-64.648 735 15 -64.648 494 02	7.66 7.66	-16.59 -16.59	-33.10 -33.10	0.74 6.24	0.67 7.81	0.95 0.95	0.77 0.77	0.81 0.81	A 314.1	1.25			
16201-6958	1	F	CA	A 80022 B 80022	9.208 10.032	0.006 0.012					245.018 826 68 245.019 257 93	-69.963 354 36 -69.963 412 14	1.53 1.53	-18.91 -18.91	-28.37 -28.37	1.51 3.47	1.69 4.58	2.28 2.28	1.43 1.43	1.75 1.75	A 111	0.571			



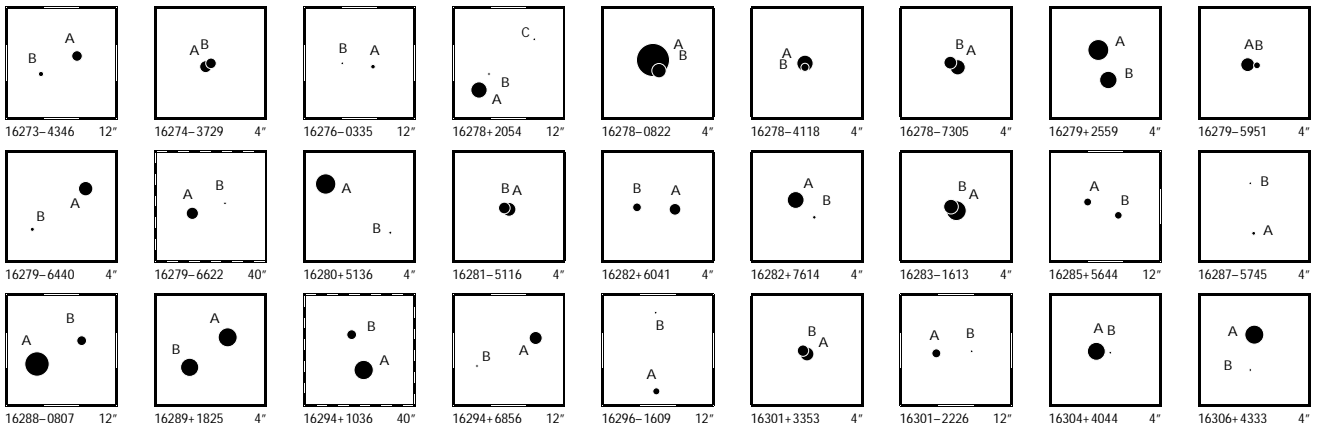
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16202+8003	1	F CA	A 80034 B 80034	9.296 0.011 11.209 0.063		9.656 0.019	9.156 0.018					245.057 759 91 +80.042 539 63 245.056 425 57 +80.042 867 52	8.69 8.69	21.57 24.62 21.57 24.62		1.47 1.76 1.55 1.47 1.81 11.00 17.08 1.55 1.47 1.81						A 325	1.44			
16202-2348	1	F CA	A 80029 B 80029	10.321 0.010 12.816 0.085								245.044 089 92 -23.803 357 68 245.044 166 89 -23.803 141 91	6.73 6.73	-31.59 -31.94 -31.59 -31.94		2.75 1.90 2.66 2.76 2.28 40.48 28.40 2.66 2.76 2.28					A 157	0.82				
16205-2007	1	I CA	A 80063 C 80062	7.638 0.009 8.469 0.018		7.964 0.009	7.589 0.008					245.126 128 58 -20.117 671 54 245.127 401 85 -20.114 390 51	-1.46 26.78	-13.97 -28.02 -34.60 -28.12		4.21 2.85 3.43 4.65 3.26 11.72 6.50 7.79 10.30 6.90					A	20.02	12.57	-0.09	-0.01	
16206+4535	1	F ND	D A 80074 B 80074	7.742 0.062 10.680 0.929								245.145 824 99 +45.579 051 75 245.145 765 12 +45.579 043 68	11.99 11.99	-20.53 57.05 -20.53 57.05		3.14 1.81 0.61 0.57 0.56 87.69 29.60 0.61 0.57 0.56					A	259	0.15			
16206-2931	1	F CA	A 80070 B 80070	7.932 0.023 10.264 0.025								245.140 956 09 -29.514 820 87 245.140 871 32 -29.514 997 06	2.68 2.68	-2.51 -12.18 -2.51 -12.18		1.13 0.81 1.24 1.25 0.95 8.48 4.79 1.24 1.25 0.95					A	203	0.688			
16212+2259	1	F CA	A 80117 B 80117	8.205 0.024 10.043 0.131								245.311 416 29 +22.988 562 86 245.311 489 28 +22.988 573 47	14.82 14.82	-1.29 -45.59 -1.29 -45.59		3.53 2.04 1.11 0.83 0.92 11.79 11.31 1.11 0.83 0.92					A	81	0.24			
16212-2536	1	F CA	A 80112 C 80112	3.059 0.004 5.241 0.023								245.297 177 18 -25.592 752 59 245.297 048 26 -25.592 777 69	4.44 4.44	-10.03 -18.03 -10.03 -18.03		1.10 0.90 0.81 1.00 0.69 9.78 8.82 0.81 1.00 0.69					A	258	0.43			
16213+7434	1	F CB	A 80122 B 80122	11.087 0.011 13.184 0.076								245.319 901 06 +74.563 063 95 245.320 685 53 +74.563 020 62	18.34 18.34	-103.78 220.23 -103.78 220.23		1.83 1.65 1.68 1.57 1.85 16.01 19.89 1.68 1.57 1.85					A	102	0.77			
16214-3318	1	F ND	D A 80140 B 80140	7.498 0.006 11.501 0.226		7.934 0.009	7.436 0.011					245.358 340 41 -33.301 212 61 245.354 239 72 -33.301 348 68	8.20 8.20	-25.63 -22.32 -25.64 -22.32		1.24 1.01 1.48 1.48 1.12 78.82 42.59 1.48 1.48 1.12					A	267.7	12.35			
16216-3926	1	F CB	A 80146 B 80146	8.980 0.009 12.113 0.162								245.391 954 55 -39.431 246 88 245.391 761 87 -39.431 191 57	13.63 13.63	87.19 -69.50 87.19 -69.50		2.00 1.21 1.68 1.98 1.46 44.38 27.25 1.68 1.98 1.46					A	290	0.57			
16223+1832	1	I ND	D B 80194 A 80190	12.015 0.082 12.021 0.083		11.954 0.134	10.659 0.066					245.571 240 91 +18.533 953 07 245.567 287 62 +18.537 176 48	0.64 0.96	-32.65 -24.42 8.89 66.71		29.86 24.47 16.96 19.38 20.48 21.70 19.29 20.99 26.23 26.90					B	310.7	17.80	+0.3	+0.03	
16223-2422	1	F CA	P A 80196 B 80196	9.803 0.032 10.850 0.083								245.582 969 64 -24.363 327 48 245.582 867 68 -24.363 346 49	5.54 5.54	-7.68 -20.94 -7.68 -20.94		6.20 4.02 3.57 3.79 2.79 18.47 13.27 3.57 3.79 2.79					A	258	0.34			
16224+0954	1	F CB	A 80202 B 80202	8.333 0.042 11.419 0.720								245.600 095 35 +9.908 332 41 245.600 189 30 +9.908 322 15	4.44 4.44	11.84 1.15 11.84 1.15		6.29 2.54 2.74 2.57 2.38 76.22 37.29 2.74 2.57 2.38					A	96	0.34			
16224-3220	1	F CA	A 80199 B 80199	10.031 0.015 10.802 0.029								245.591 194 57 -32.331 402 42 245.591 332 85 -32.331 327 98	21.51 21.51	35.14 -35.65 35.14 -35.65		4.81 2.71 4.17 4.35 2.63 13.07 8.87 4.17 4.35 2.63					A	57	0.50			
16225+4935	1	F CB	A 80215 B 80215	9.615 0.133 10.509 0.303								245.621 572 73 +49.587 816 98 245.621 639 38 +49.587 840 27	0.85 0.85	-2.66 -9.74 -2.66 -9.74		14.63 11.96 0.91 0.87 1.02 12.69 22.62 0.91 0.87 1.02					A	62	0.18			
16226+8836	1	F CA	A 80223 B 80223	8.575 0.005 11.094 0.040								245.654 174 52 +88.606 030 30 245.648 067 93 +88.606 087 25	3.37 3.37	1.41 26.10 1.41 26.10		1.07 0.97 0.94 1.02 1.07 8.51 10.75 0.94 1.02 1.07					A	291	0.57			
16228-0722	1	F CA	A 80234 B 80234	9.697 0.010 11.177 0.037		10.143 0.033	9.604 0.034					245.708 979 70 -7.366 262 87 245.708 813 28 -7.365 916 73	5.70 5.70	-33.92 -32.74 -33.92 -32.74		2.28 1.67 2.19 2.96 1.92 12.98 10.37 2.19 2.96 1.92					A	334.5	1.38			
16229-1701	1	F CA	A 80240 B 80240	7.619 0.156 7.814 0.187								245.723 223 01 -17.019 132 05 245.723 274 41 -17.019 119 48	12.66 12.66	23.34 -6.44 23.34 -6.44		15.47 5.43 1.06 1.60 1.20 15.19 5.59 1.06 1.60 1.20					A	76	0.18			
16229-2307	1	F CA	A 80238 B 80238	7.812 0.006 9.496 0.026								245.715 769 06 -23.118 692 75 245.715 561 66 -23.118 474 10	7.52 7.52	-12.48 -26.21 -12.48 -26.21		1.53 1.21 1.57 1.50 1.49 11.05 5.72 1.57 1.50 1.49					A	318.9	1.04			
16229-3104	1	I CA	B 80245 B 80242	9.708 0.020 9.805 0.020		10.362 0.035 11.141 0.075	9.628 0.030 9.709 0.034					245.730 832 23 -31.074 097 16 245.727 390 55 -31.077 239 68	2.60 26.76	8.91 -11.33 -1.53 -0.92		9.01 6.29 6.40 7.73 5.55 7.20 4.48 5.97 7.74 5.73					A	223.17	15.51	+0.05	0.00	
16231+1350	1	F CA	A 80260 B 80260	8.163 0.006 10.477 0.048		8.479 0.011 10.912 0.100	8.095 0.011 10.138 0.069					245.773 941 85 +13.839 792 48 245.772 462 48 +13.841 108 03	5.31 5.31	-28.55 8.56 -28.55 8.56		1.22 1.12 1.54 1.49 1.41 10.25 9.79 1.54 1.49 1.41					A	312.5	7.01			
16231+4738	1	F CA	A 80270 B 80270	8.609 0.005 8.736 0.005		8.992 0.021 9.132 0.019	8.410 0.017 8.572 0.018					245.786 993 82 +47.630 038 31 245.786 551 64 +47.630 472 18	6.56 6.56	-44.59 30.24 -44.59 30.24		1.46 1.41 1.47 1.46 1.53 2.23 2.00 1.47 1.46 1.53					A	325.5	1.895			
16234-0859	1	F CB	A 80291 B 80291	8.726 0.033 10.500 0.171								245.847 427 84 -8.982 444 33 245.847 355 06 -8.982 475 15	11.49 11.49	-48.78 -34.99 -48.78 -34.99		9.68 5.80 1.78 1.84 1.61 27.19 20.36 1.78 1.84 1.61					A	247	0.28			
16238+6142	1	F CA	A 80309 B 80309	6.222 0.003 7.171 0.006								245.946 624 40 +61.696 378 67 245.946 541 46 +61.696 665 86	7.91 7.91	-29.54 33.99 -29.54 33.99		0.73 0.60 0.61 0.68 0.64 1.91 1.90 0.61 0.68 0.64					A	352.2	1.044			
16238-4115	1	F CA	A 80307 B 80307	8.157 0.005 8.585 0.007		8.270 0.034	7.924 0.037					245.938 584 58 -41.247 081 82 245.939 121 04 -41.247 385 69	13.18 13.18	-46.53 -37.33 -46.53 -37.33		2.23 1.39 2.34 3.01 1.88 3.57 2.02 2.34 3.01 1.88					A	127.0	1.818			
16239-3312	1	F CA	A 80324 B 80324	7.001 0.005 7.486 0.008		6.948 0.006 7.486 0.010	6.953 0.009 7.404 0.009					245.986 353 97 -33.199 329 14 245.987 303 57 -33.200 866 67	8.56 8.56	-10.65 -27.49 -10.65 -27.49		1.45 0.88 1.41 1.53 1.01 4.63 1.83 1.41 1.53 1.01					A	152.67	6.231			
16242+3702	1	F CA	A 80349 B 80349	8.512 0.008 8.867 0.011		9.555 0.023 9.538 0.025	8.404 0.015 8.741 0.020					246.043 666 13 +37.036 591 26 246.042 727 61 +37.038 766 32	9.50 9.50	-103.79 11.77 -103.79 11.77		1.46 1.59 1.73 1.51 1.90 3.36 3.51 1.73 1.51 1.90					A	340.99	8.282			



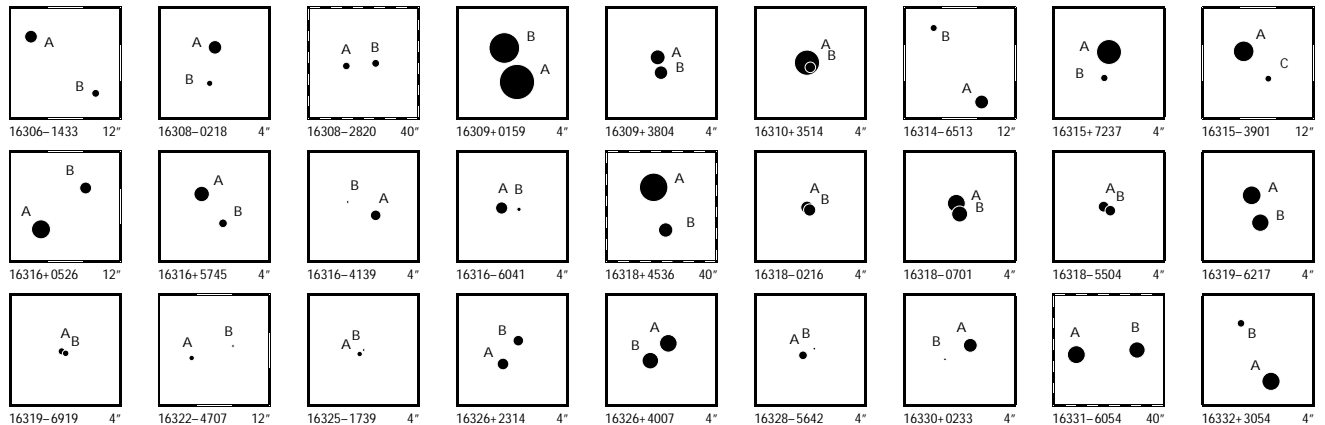
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16243-5921	1	F	P	A 80365 B 80365	11.864 12.415	0.160 0.180					246.077 821 33 246.077 761 10	-59.344 006 12 -59.344 082 61	0.83 0.83	-9.31 -9.31	-12.71 -12.71	11.16 19.27	16.54 25.98	5.29 5.29	3.59 3.59	4.12 4.12	A 202		0.30		
16245-4339	1	I	C	A 80381 B 80383	10.087 11.487	0.021 0.060	11.809 12.217	0.129 0.223	10.165 11.073	0.047 0.131	246.114 433 41 246.119 457 60	-43.656 357 28 -43.658 357 46	34.65 23.23	-222.10 -103.79	-91.38 -64.38	5.69 37.32	4.08 22.94	5.03 12.06	5.52 23.36	4.67 20.75	A 118.8	14.94	-0.3	+0.09	
16247-2942	1	L	C	A 80399 B 80399	5.970 6.733	0.004 0.008					246.165 525 68 246.165 434 90	-29.704 463 61 -29.703 171 66	31.82 31.82	69.27 79.05	-82.06 -103.73	1.20 3.98	0.78 2.14	1.12 1.12	1.04 2.14	0.76 1.37	A 356.51	4.660	+0.10	-0.022	
16248+3925	1	F	C	A 80417 B 80417	9.103 11.598	0.012 0.113					246.206 549 53 246.206 407 90	+39.422 125 47 +39.422 069 76	6.21 6.21	-7.36 -7.36	34.77 34.77	2.68 22.61	2.25 24.37	1.63 1.63	1.58 1.58	1.53 1.53	A 243		0.44		
16248-5328	1	F	C	A 80408 B 80408	9.092 12.051	0.008 0.111	9.099	0.014	9.081	0.019	246.189 065 68 246.185 556 43	-53.464 240 79 -53.466 251 31	-0.11 -0.11	-9.50 -9.50	-15.05 -15.05	1.63 37.61	1.29 25.94	1.93 1.93	1.78 1.78	1.48 1.48	A 226.1	10.44			
16250-2521	1	F	C	A 80425 B 80425	8.743 12.329	0.008 0.194					246.246 473 12 246.246 576 56	-25.354 935 73 -25.355 096 37	6.36 6.36	-9.03 -9.03	-24.64 -24.64	1.96 70.37	1.42 36.98	1.97 1.97	1.91 1.91	1.64 1.64	A 150		0.67		
16253-0952	1	F	C	A 80442 B 80442	8.698 10.273	0.011 0.036	9.006	0.023	8.512	0.022	246.312 529 85 246.312 450 48	-9.864 778 15 -9.864 482 39	7.36 7.36	-4.31 -4.31	-19.84 -19.84	2.36 12.94	1.80 12.04	2.62 2.62	2.60 2.60	1.92 1.92	A 345		1.10		
16253-1311	1	F	N	D 80449 B 80449	9.118 12.542	0.011 0.248	10.706	0.051	9.098	0.023	246.329 218 91 246.329 364 59	-13.179 389 82 -13.180 459 55	6.83 6.83	0.92 0.92	-6.76 -6.76	1.81 63.61	1.60 50.21	1.69 1.69	2.02 2.02	1.63 1.63	A 172		3.88		
16253-4909	1	L	C	A 80448 S 80448	8.109 8.334	0.007 0.008					246.323 641 41 246.324 476 49	-49.147 643 48 -49.147 824 35	22.04 22.04	-91.95 -61.77	-91.50 -66.28	2.75 5.53	2.29 3.36	2.82 2.82	3.05 8.10	2.59 5.85	A 108.3	2.07	-0.9	+0.02	
16254+1718	1	F	C	A 80465 B 80465	8.104 11.442	0.004 0.083	8.694	0.010	8.040	0.009	246.362 159 63 246.365 037 32	+17.303 110 09 +17.303 357 29	9.81 9.81	-33.33 -33.33	-74.94 -74.94	1.16 26.38	0.83 17.02	1.17 1.17	1.36 1.36	1.16 1.16	A 84.9		9.93		
16255-2327	1	L	C	A 80473 B 80473 D 80461 E 80461	5.090 5.743 7.040 8.652	0.003 0.005 0.007 0.032	5.212	0.009	5.002	0.010	246.396 338 11 246.396 007 79 246.351 197 80 246.351 127 11	-23.447 117 64 -23.446 319 30 -23.460 169 53 -23.460 096 65	8.27 8.27 7.33 7.33	-5.61 -13.80 -8.60 -8.60	-25.04 -27.22 -20.76 -20.76	1.31 2.53 2.19 11.59	0.93 2.01 1.38 5.80	1.18 1.18 1.37 1.37	1.05 1.54 1.35 1.35	0.93 1.37 1.19 1.19	A 339.21	3.074	-0.16	+0.001	
16258-2955	1	F	C	A 80490 B 80490	8.021 9.434	0.004 0.012					246.452 484 30 246.452 440 09	-29.918 587 95 -29.918 796 84	11.17 11.17	32.97 32.97	76.98 76.98	1.46 5.23	1.00 3.24	1.47 1.47	1.51 1.51	1.19 1.19	A 190.4		0.765		
16260-1407	1	F	C	A 80505 B 80505	10.594 10.827	0.008 0.010					246.509 597 53 246.509 613 35	-14.122 821 99 -14.122 657 58	18.86 18.86	-30.27 -30.27	-31.68 -31.68	7.82 10.81	5.54 7.13	7.70 7.70	7.81 7.81	7.04 7.04	A 5		0.594		
16260-3114	1	L	C	A 80504 B 80504	9.117 9.322	0.005 0.006	9.459 9.646	0.027 0.029	8.867 9.004	0.026 0.028	246.507 165 36 246.506 932 00	-31.235 868 97 -31.235 396 44	12.29 12.29	105.20 96.11	-114.36 -101.77	5.10 6.14	3.44 4.50	3.75 3.75	5.03 6.22	3.67 4.29	A 337.1	1.847	-0.1	+0.015	
16261+3524	1	F	C	A 80506 B 80506	10.984 13.077	0.019 0.124					246.517 253 95 246.517 100 52	+35.402 604 72 +35.402 598 94	6.43 6.43	-0.12 -0.12	18.47 18.47	3.34 27.79	2.60 28.97	2.59 2.59	2.21 2.21	2.43 2.43	A 267		0.45		
16261-3459	1	F	C	A 80511 B 80511	8.942 9.141	0.006 0.008	9.054	0.014	8.511	0.014	246.536 459 75 246.537 035 51	-34.983 239 72 -34.983 369 62	8.61 8.61	-54.35 -54.35	-104.44 -104.44	2.24 5.54	1.52 2.37	2.27 2.27	2.17 2.17	1.95 1.95	A 105.4		1.76		
16261-5409	1	F	C	A 80510 B 80510	8.652 12.280	0.010 0.283	10.494	0.035	8.668	0.014	246.532 271 54 246.531 978 07	-54.155 098 68 -54.155 334 42	0.78 0.78	-9.11 -9.11	-5.32 -5.32	1.89 77.96	1.47 47.11	2.29 2.29	1.96 1.96	1.71 1.71	A 216		1.05		
16263-7834	1	F	C	A 80520 B 80520	9.249 11.635	0.007 0.057	10.557	0.040	9.221	0.022	246.569 463 14 246.576 416 70	-78.565 236 85 -78.566 387 92	3.03 3.03	11.11 11.11	-20.68 -20.68	1.18 13.95	1.36 18.18	1.48 1.48	1.24 1.24	1.55 1.55	A 129.9		6.47		
16266-5205	1	F	C	A 80540 B 80540	10.682 10.841	0.030 0.035	11.216	0.106	10.479	0.088	246.659 360 56 246.657 410 43	-52.081 830 17 -52.081 832 63	-0.49 -0.49	-12.06 -12.06	-21.04 -21.04	9.52 13.89	6.12 7.57	7.59 7.59	6.85 6.85	5.57 5.57	A 269.9		4.31		
16267+0520	1	F	C	A 80542 B 80542	8.042 11.268	0.006 0.098					246.662 973 48 246.663 037 67	+5.334 000 10 +5.334 135 39	6.61 6.61	23.40 23.40	-0.56 -0.56	1.46 22.32	1.39 20.85	1.30 1.30	1.50 1.50	1.42 1.42	A 25		0.54		
16267-1226	1	F	C	A 80550 B 80550	9.348 9.428	0.298 0.312					246.682 114 53 246.682 113 70	-12.426 651 96 -12.426 607 53	3.65 3.65	-2.71 -2.71	6.08 6.08	11.53 12.41	21.07 17.98	1.23 1.23	1.58 1.58	1.15 1.15	A 359		0.16		
16268-4803	1	F	C	A 80557 B 80557	7.286 8.993	0.005 0.033					246.707 700 53 246.707 279 79	-48.044 293 58 -48.044 263 48	5.26 5.26	-7.25 -7.25	-12.18 -12.18	1.34 13.72	0.91 7.16	1.52 1.52	1.42 1.42	1.13 1.13	A 276.1		1.02		
16272+1900	1	F	C	A 80584 B 80584	8.528 11.730	0.028 0.538					246.801 172 94 246.801 101 48	+18.994 123 14 +18.994 069 38	8.36 8.36	-57.74 -57.74	9.19 9.19	3.64 66.16	3.46 48.46	2.31 2.31	1.76 1.76	1.70 1.70	A 231		0.31		
16272+3953	1	F	C	A 80590 B 80590	9.440 9.695	0.025 0.031					246.810 043 91 246.810 035 80	+39.888 653 64 +39.888 740 23	3.17 3.17	4.23 4.23	9.21 9.21	2.49 4.66	3.24 4.54	1.23 1.23	1.04 1.04	1.35 1.35	A 356		0.313		
16272-2711	1	F	C	A 80586 B 80586	8.340 11.579	0.007 0.127	8.754 12.137	0.012 0.220	8.278 11.099	0.012 0.143	246.802 217 45 246.801 530 01	-27.189 366 51 -27.186 194 13	7.84 7.84	-13.04 -13.04	-24.08 -24.08	2.38 110.27	1.59 30.25	2.37 2.37	2.78 2.78	1.98 1.98	A 349		11.63		
16273+2653	1	F	C	A 80594 B 80594	9.563 11.885	0.010 0.086	10.372	0.024	9.435	0.018	246.827 506 48 246.827 832 07	+26.885 871 62 +26.885 845 52	5.59 5.59	15.44 15.44	-5.70 -5.70	1.47 20.10	1.86 21.25	2.48 2.48	1.85 1.85	2.36 2.36	A 95		1.05		



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16273-4346	1	FCA	A 80595 B 80595	9.684 0.009 10.852 0.025	10.281 0.025 11.731 0.123	9.602 0.023 10.655 0.077		246.829 264 91 246.830 787 69	-43.769 695 51 -43.770 253 27	15.81 15.81	8.15 -32.83 8.15 -32.83	2.88 1.87 2.89 2.95 2.27 10.72 6.97 2.89 2.95 2.27	A 116.9 4.44													
16274-3729	1	FCB	A 80603 B 80603	9.330 0.160 9.681 0.219				246.859 278 81 246.859 216 43	-37.476 949 57 -37.476 924 59	11.45 11.45	-42.69 -36.04 -42.69 -36.04	15.53 7.68 1.25 1.16 1.03 26.25 13.32 1.25 1.16 1.03	A 297 0.20													
16276-0335	1	FCB	A 80616 B 80616	11.001 0.020 13.244 0.148	12.693 0.405 11.080 0.156			246.912 299 35 246.913 230 34	-3.584 230 08 -3.584 135 41	23.38 23.38	29.40 -63.15 29.40 -63.15	4.29 3.48 4.19 4.46 4.33 47.63 38.18 4.19 4.46 4.33	A 84 3.36													
16278+2054	1	LNC	G A 80625 C 80625 B 80625	8.410 0.011 11.517 0.155 12.402 0.376	8.983 0.011 8.353 0.010			246.943 841 49 246.942 016 51 246.943 506 80	+20.895 618 26 +20.897 176 34 +20.896 138 07	10.92 10.92 10.92	32.96 -117.49 -36.27 35.50 71.92 -180.30	1.26 1.25 1.59 1.09 1.22 31.67 30.96 1.59 15.25 17.09 71.83 72.38 1.59 36.07 40.25	A 312.4 8.31 +0.5 +0.15 A 329 2.18 0 -0.07													
16278-0822	1	FCB	A 80628 B 80628	4.708 0.004 8.826 0.154				246.950 945 63 246.950 883 36	-8.371 700 55 -8.371 811 85	26.67 26.67	-67.26 -12.60 -67.26 -12.60	0.96 0.87 0.87 0.92 0.74 44.31 43.31 0.87 0.92 0.74	A 209 0.46													
16278-4118	1	FCB	A 80629 B 80629	8.424 0.081 10.223 0.423				246.954 010 74 246.954 023 98	-41.308 263 21 -41.308 302 10	12.35 12.35	33.76 3.97 33.76 3.97	9.06 5.90 1.06 1.15 0.90 47.77 24.48 1.06 1.15 0.90	A 166 0.14													
16278-7305	1	FCA	A 80626 B 80626	8.634 0.016 9.203 0.026				246.947 197 03 246.947 444 01	-73.086 653 24 -73.086 603 04	0.82 0.82	-2.09 -6.53 -2.09 -6.53	1.80 1.93 1.11 0.81 1.15 3.16 3.99 1.11 0.81 1.15	A 55 0.316													
16279+2559	1	LCA	A 80641 B 80641	7.372 0.004 8.177 0.008	7.232 0.011 6.989 0.010			246.977 700 18 246.977 593 66	+25.984 315 59 +25.984 004 15	6.49 6.49	-16.18 15.30 -12.97 15.53	0.78 1.01 1.22 0.86 1.00 1.94 3.48 1.22 1.28 1.99	A 197.1 1.173 -0.1 -0.001													
16279-5951	1	FCA	A 80640 B 80640	8.935 0.017 10.478 0.067				246.975 776 43 246.975 581 68	-59.848 713 88 -59.848 722 52	5.54 5.54	-7.38 -8.26 -7.38 -8.26	2.92 1.73 1.67 1.31 1.21 9.29 8.36 1.67 1.31 1.21	A 265 0.35													
16279-6440	1	FCA	A 80633 B 80633	8.809 0.006 11.112 0.047	9.073 0.012 8.745 0.013			246.963 381 79 246.964 656 25	-64.661 776 14 -64.662 187 54	6.02 6.02	-8.97 14.15 -8.97 14.15	1.40 1.29 1.77 1.27 1.37 14.37 15.24 1.77 1.27 1.37	A 127.0 2.46													
16279-6622	1	FND	D A 80635 B 80635	9.326 0.009 13.115 0.286	9.848 0.017 9.273 0.016			246.967 670 74 246.959 450 77	-66.368 077 87 -66.367 108 76	5.74 5.74	-43.31 -15.47 -43.31 -15.47	1.13 1.41 1.89 1.14 1.46 65.60 87.87 1.89 1.14 1.46	A 286.4 12.36													
16280+5136	1	FCC	A 80656 B 80656	7.494 0.005 11.313 0.164	8.615 0.010 7.420 0.007			247.005 247 07 247.004 167 44	+51.592 059 32 +51.591 559 22	5.31 5.31	-22.17 12.57 -22.17 12.57	0.79 0.79 0.78 0.75 0.82 26.72 29.37 0.78 0.75 0.82	A 233 3.01													
16281-5116	1	FCA	A 80661 B 80661	8.964 0.159 9.400 0.237				247.033 689 70 247.033 770 30	-51.274 804 60 -51.274 793 34	1.64 1.64	-0.42 -11.12 -0.42 -11.12	16.15 8.52 1.16 1.03 0.78 18.76 12.18 1.16 1.03 0.78	A 77 0.19													
16282+6041	1	FCA	A 80667 B 80667	9.403 0.008 10.062 0.015	9.636 0.024 9.097 0.022	10.032 0.066 9.458 0.065		247.049 117 31 247.049 914 96	+60.680 278 48 +60.680 301 22	7.05 7.05	5.48 3.09 5.48 3.09	1.55 1.56 1.42 1.47 1.57 6.01 4.59 1.42 1.47 1.57	A 86.7 1.41													
16282+7614	1	FCA	A 80666 B 80666	8.291 0.004 11.249 0.055				247.038 880 73 247.038 064 15	+76.233 506 70 +76.233 337 51	2.83 2.83	3.90 -16.82 3.90 -16.82	0.79 0.86 0.80 0.78 0.87 12.20 14.67 0.80 0.78 0.87	A 229 0.93													
16283-1613	1	FCA	A 80677 B 80677	7.598 0.018 8.776 0.055				247.066 911 65 247.066 971 28	-16.212 134 08 -16.212 088 05	14.69 14.69	-7.73 -26.25 -7.73 -26.25	3.17 2.27 1.23 1.62 1.09 9.89 6.86 1.23 1.62 1.09	A 51 0.26													
16285+5644	1	FCA	A 80690 B 80690	10.266 0.011 10.336 0.011	10.666 0.047 10.113 0.045	10.684 0.051 10.262 0.055		247.133 529 56 247.131 799 04	+56.735 506 57 +56.735 094 87	3.96 3.96	5.90 3.79 5.90 3.79	3.07 3.01 2.03 2.36 2.41 3.78 3.56 2.03 2.36 2.41	A 246.6 3.72													
16287-5745	1	FCA	A 80706 B 80706	11.178 0.008 11.519 0.011	13.112 0.506 11.222 0.172			247.164 248 82 247.164 310 93	-57.749 667 63 -57.749 155 80	26.14 26.14	-69.82 -132.74 -69.82 -132.74	3.00 2.73 3.73 2.67 2.76 9.04 5.23 3.73 2.67 2.76	A 3.7 1.846													
16288-0807	1	FCB	A 80719 B 80719	6.618 0.005 9.853 0.085	6.981 0.005 10.548 0.129	6.561 0.006 9.736 0.115		247.204 115 33 247.202 737 92	-8.128 672 61 -8.127 960 40	21.55 21.55	-55.59 -69.96 -55.59 -69.96	1.20 0.90 1.18 1.18 0.94 33.96 30.18 1.18 1.18 0.94	A 297.6 5.54													
16289+1825	1	LCA	A 80725 B 80725	7.783 0.004 7.973 0.004	8.586 0.013 8.812 0.018	7.640 0.011 7.829 0.010		247.220 326 52 247.220 738 46	+18.413 116 55 +18.412 809 85	51.20 51.20	-345.93 385.98 -314.45 382.64	1.66 1.28 1.49 1.56 1.36 2.49 1.94 1.49 3.01 2.81	A 128.1 1.789 -0.5 +0.027													
16294+1036	1	LCA	A 80765 B 80767	7.724 0.006 9.833 0.032	8.714 0.011 10.050 0.023	7.660 0.008 9.544 0.022		247.354 434 85 247.355 691 63	+10.592 071 77 +10.595 718 71	5.54 8.95	-1.73 -12.01 -1.37 -4.79	2.04 1.46 1.84 2.45 1.97 14.72 10.19 7.85 10.51 9.75	A 18.71 13.86 -0.01 +0.01													
16294+6856	1	FCA	A 80762 B 80762	9.107 0.006 11.520 0.056	9.454 0.024 9.031 0.024			247.348 059 80 247.353 073 87	+68.931 114 48 +68.930 235 93	5.38 5.38	-23.78 22.96 -23.78 22.96	1.05 1.07 1.01 0.93 1.25 12.24 10.99 1.01 0.93 1.25	A 116.0 7.22													
16296-1609	1	FND	D A 80776 B 80776	10.428 0.038 11.632 0.115				247.391 503 27 247.391 530 98	-16.156 460 07 -16.154 063 33	7.78 7.78	9.16 -20.40 9.16 -20.40	5.32 2.75 4.79 6.23 3.75 29.53 15.32 4.79 6.23 3.75	A 0.6 8.63													
16301+3353	1	FCA	A 80806 B 80806	8.912 0.061 9.454 0.100				247.515 278 79 247.515 329 29	+33.886 392 97 +33.886 431 23	4.85 4.85	-0.43 -0.88 -0.43 -0.88	4.43 4.65 1.01 0.84 0.89 7.23 8.01 1.01 0.84 0.89	A 48 0.20													
16301-2226	1	FND	D A 80810 B 80810	10.003 0.012 13.269 0.232	10.644 0.043 9.887 0.035			247.529 659 30 247.528 456 34	-22.440 156 61 -22.440 077 25	7.14 7.14	56.11 -12.76 56.11 -12.76	2.21 1.73 2.03 2.09 1.93 82.77 60.14 2.03 2.09 1.93	A 274 4.01													
16304+4044	1	FCC	A 80827 B 80827	8.012 0.005 12.023 0.188				247.594 216 27 247.594 024 33	+40.736 568 49 +40.736 552 41	11.12 11.12	-82.91 39.10 -82.91 39.10	1.30 1.10 1.00 0.86 0.93 41.19 57.21 1.00 0.86 0.93	A 264 0.53													
16306+4333	1	FCB	A 80847 B 80847	7.824 0.005 11.442 0.124	8.950 0.012 7.741 0.008			247.653 877 04 247.653 934 88	+43.545 280 99 +43.544 921 68	4.56 4.56	-39.60 33.52 -39.60 33.52	1.05 1.25 1.22 1.19 1.43 32.47 63.31 1.22 1.19 1.43	A 173 1.30													

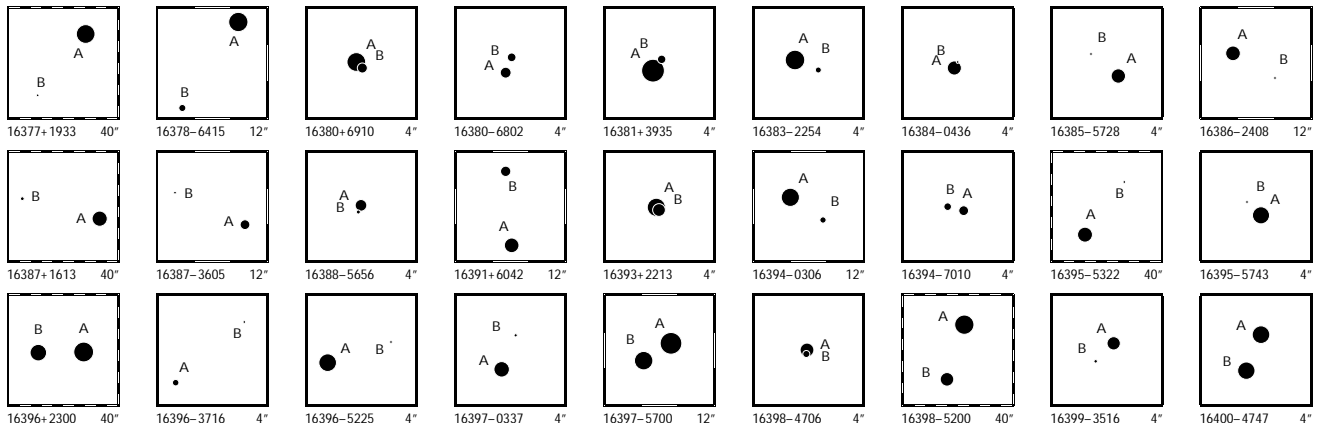


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2	3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16306-1433	1	F CA	A 80842 B 80842	9.203 0.009 10.262 0.023	9.806 0.025 11.014 0.071	9.087 0.021 10.186 0.051	247.633 572 15 247.631 543 50	-14.546 003 10 -14.547 749 35	13.14 13.14	-15.71 -15.71	-84.01 -84.01	2.98 1.83 2.82 3.28 2.51 11.55 6.25 2.82 3.28 2.51	A 228.4 9.46															
16308-0218	1	F CA	A 80872 B 80872	8.976 0.007 10.607 0.032	10.194 0.049 8.847 0.028	247.704 366 45 247.704 425 46	-2.304 666 45 -2.305 042 54	2.68 2.68	22.83 22.83	-5.70 -5.70	3.18 3.08 2.79 3.68 3.52 16.69 19.16 2.79 3.68 3.52	A 171 1.37																
16308-2820	1	I NB	B 80870 A 80868	10.264 0.029 10.317 0.031	11.335 0.082 11.443 0.091	10.064 0.043 10.066 0.043	247.690 240 10 247.693 727 16	-28.336 176 41 -28.336 415 85	12.47 16.33	-166.08 -179.48	-172.16 -176.57	15.66 9.41 9.26 10.63 7.67 8.60 5.57 7.72 9.88 6.71	B 94.46 11.08 +0.03 -0.01															
16309+0159	1	F CA	A 80883 B 80883	4.176 0.004 5.220 0.011	3.958 0.021 3.901 0.019	247.728 505 09 247.728 641 74	+1.984 100 56 +1.984 449 76	19.63 19.63	-31.37 -31.37	-73.00 -73.00	1.40 1.10 1.34 1.47 1.31 8.60 5.51 1.34 1.47 1.31	A 21.4 1.35																
16309+3804	1	L CA	A 80885 B 80885	8.720 0.007 8.977 0.008	247.732 140 57 247.732 096 69	+38.064 497 78 +38.064 344 83	5.25 5.25	-8.32 -3.78	34.44 48.01	1.52 2.59 1.78 1.47 2.34 3.14 3.66 1.78 3.31 3.53	A 192.7 0.564 -0.1 -0.014																	
16310+3514	1	F CC	A 80888 B 80888	6.435 0.029 9.652 0.561	247.761 624 94 247.761 585 17	+35.225 109 23 +35.225 060 18	3.26 3.26	-9.01 -9.01	-16.75 -16.75	1.62 2.70 0.74 0.59 0.71 27.98 51.34 0.74 0.59 0.71	A 214 0.21																	
16314-6513	1	I CA	A 80916 B 80918	8.937 0.006 10.441 0.020	8.894 0.012 10.506 0.044	8.845 0.015 10.268 0.058	247.852 531 77 247.856 057 29	-65.218 181 60 -65.215 920 15	-0.60 12.55	-1.96 -8.08	-6.24 0.72	1.84 1.97 2.32 1.76 2.21 7.74 8.49 7.69 6.26 7.54	A 33.17 9.73 -0.05 0.00															
16315+7237	1	F CA	A 80920 B 80920	6.457 0.003 10.350 0.116	247.867 917 90 247.868 068 63	+72.612 202 86 +72.611 936 97	7.45 7.45	-36.92 -36.92	55.72 55.72	0.64 0.61 0.61 0.61 0.63 23.52 28.21 0.61 0.61 0.63	A 170 0.97																	
16315-3901	1	F CA	A 80925 B 80925	7.444 0.004 10.479 0.069	8.360 0.013 7.391 0.008	247.876 456 72 247.875 492 64	-39.011 465 18 -39.012 310 72	40.60 40.60	-428.05 -428.05	-333.41 -333.41	1.68 1.21 1.75 1.47 1.43 39.04 16.33 1.75 1.47 1.43	A 221.5 4.07																
16316+0526	1	F CA	A 80939 B 80939	7.817 0.004 9.372 0.015	8.068 0.008 9.864 0.043	7.750 0.009 9.221 0.038	247.910 691 77 247.909 317 41	+5.433 756 86 +5.435 035 81	12.18 12.18	-42.75 -42.75	-20.42 -20.42	1.51 0.95 1.62 1.37 1.12 5.30 3.18 1.62 1.37 1.12	A 313.07 6.742															
16316+5745	1	F CA	A 80934 B 80934	8.571 0.006 10.058 0.024	8.687 0.013 8.390 0.014	247.903 411 45 247.902 999 04	+57.764 189 91 +57.763 885 30	6.06 6.06	54.53 54.53	-31.81 -31.81	1.19 1.18 1.11 1.26 1.25 6.80 5.91 1.11 1.26 1.25	A 215.8 1.35																
16316-4139	1	F CA	A 80932 B 80932	9.656 0.010 11.645 0.061	10.264 0.057 9.503 0.047	247.891 207 36 247.891 601 06	-41.656 405 82 -41.656 265 09	6.69 6.69	-68.91 -68.91	-30.40 -30.40	2.68 1.66 2.48 2.62 2.03 27.69 10.65 2.48 2.62 2.03	A 64 1.17																
16316-6041	1	F CA	A 80935 B 80935	9.313 0.005 11.064 0.026	247.903 785 95 247.903 440 47	-60.691 168 16 -60.691 176 92	5.49 5.49	-28.01 -28.01	-16.56 -16.56	1.34 1.15 1.70 1.43 1.26 6.86 7.00 1.70 1.43 1.26	A 267 0.61																	
16318+4536	1	F CA	A 80953 B 80953	5.719 0.005 8.799 0.082	5.804 0.003 9.316 0.019	5.682 0.003 8.704 0.017	247.946 811 11 247.945 055 30	+45.598 184 03 +45.593 809 86	14.48 14.48	-7.89 -7.89	39.89 39.89	0.54 0.55 0.58 0.54 0.59 17.42 21.02 0.58 0.54 0.59	A 195.7 16.36															
16318-0216	1	F CA	A 80949 B 80949	9.244 0.230 9.285 0.239	247.937 881 68 247.937 850 98	-2.259 973 19 -2.259 999 64	5.60 5.60	20.99 20.99	-18.91 -18.91	13.47 11.96 1.39 1.94 1.91 13.74 11.68 1.39 1.94 1.91	A 229 0.15																	
16318-0701	1	L CA	A 80954 B 80954	8.064 0.005 8.446 0.007	247.949 816 00 247.949 786 53	-7.023 229 41 -7.023 338 18	5.53 5.53	-11.00 -8.28	-15.11 -22.12	2.10 1.40 1.71 1.89 1.64 3.27 2.00 1.71 2.48 2.12	A 195.1 0.405 -0.6 +0.006																	
16318-5504	1	F CA	A 80950 B 80950	9.584 0.022 9.643 0.023	247.940 317 73 247.940 199 55	-55.065 374 76 -55.065 415 85	3.60 3.60	-0.34 -0.34	-3.45 -3.45	4.05 2.92 1.67 1.94 1.51 5.38 4.02 1.67 1.94 1.51	A 239 0.285																	
16319-6217	1	F CA	A 80957 B 80957	7.848 0.005 8.160 0.006	247.963 727 49 247.963 541 38	-62.290 209 89 -62.290 494 02	4.36 4.36	-8.31 -8.31	-8.93 -8.93	1.41 1.21 1.65 1.69 1.35 2.16 2.05 1.65 1.69 1.35	A 196.9 1.069																	
16319-6919	1	F CA	A 80962 B 80962	10.424 0.279 10.577 0.321	247.983 103 19 247.982 997 02	-69.309 576 38 -69.309 597 58	4.92 4.92	-4.24 -4.24	-24.30 -24.30	23.53 14.16 1.58 0.65 1.34 13.58 14.59 1.58 0.65 1.34	A 241 0.16																	
16322-4707	1	F ND	A 80979 B 80979	10.824 0.025 13.389 0.258	11.399 0.094 10.839 0.099	248.055 347 36 248.053 476 43	-47.118 680 89 -47.118 306 41	2.73 2.73	-7.45 -7.45	11.05 11.05	5.80 5.51 6.46 6.70 7.09 110.30 51.32 6.46 6.70 7.09	A 286 4.78																
16325-1739	1	F CC	A 80998 B 80998	10.779 0.402 11.502 0.782	248.132 391 87 248.132 353 61	-17.649 068 06 -17.649 034 16	5.05 5.05	9.46 9.46	-18.87 -18.87	34.76 25.22 1.84 2.03 1.37 68.22 50.25 1.84 2.03 1.37	A 313 0.18																	
16326+2314	1	F CA	A 81003 B 81003	9.413 0.009 9.633 0.011	248.139 431 93 248.139 269 09	+23.232 050 09 +23.232 286 97	7.06 7.06	-22.66 -22.66	30.82 30.82	1.72 2.00 2.38 1.57 1.71 3.47 3.62 2.38 1.57 1.71	A 327.7 1.009																	
16326+4007	1	F CA	A 81001 B 81001	8.079 0.005 8.344 0.007	248.138 179 08 248.138 426 88	+40.113 346 21 +40.113 166 44	3.06 3.06	-12.03 -12.03	7.68 7.68	1.28 1.49 1.44 1.39 1.60 1.98 2.20 1.44 1.39 1.60	A 133.5 0.940																	
16328-5642	1	F CA	A 81021 B 81021	10.063 0.012 12.696 0.125	248.207 947 81 248.207 728 68	-56.692 363 32 -56.692 293 87	6.26 6.26	-17.07 -17.07	29.49 29.49	2.84 2.16 3.09 2.26 2.20 40.36 30.45 3.09 2.26 2.20	A 300 0.50																	
16330+0233	1	F CB	A 81036 B 81036	8.950 0.010 11.856 0.143	9.996 0.028 8.849 0.017	248.256 406 50 248.256 655 22	+2.551 015 15 +2.550 874 79	1.83 1.83	-6.73 -6.73	-1.39 -1.39	2.40 1.57 2.24 2.55 2.22 35.34 21.90 2.24 2.55 2.22	A 119 1.03																
16331-6054	1	I CA	A 81039 B 81037	8.012 0.044 8.372 0.055	8.105 0.009 8.728 0.019	7.896 0.010 8.224 0.018	248.271 548 03 248.258 602 23	-60.903 514 15 -60.903 007 58	7.14 13.02	-12.74 49.89	-21.72 55.63	1.99 1.83 2.30 2.12 1.92 30.60 19.77 3.72 19.86 13.47	A 274.59 22.74 +0.21 -0.06															
16332+3054	1	F CA	A 81048 B 81048	7.971 0.004 10.326 0.031	8.310 0.007 10.224 0.047	7.911 0.008 9.660 0.049	248.302 042 05 248.302 403 70	+30.907 451 59 +30.908 050 47	8.80 8.80	10.80 10.80	19.61 19.61	0.70 0.86 0.99 0.75 0.93 5.64 8.21 0.99 0.75 0.93	A 27.4 2.43															

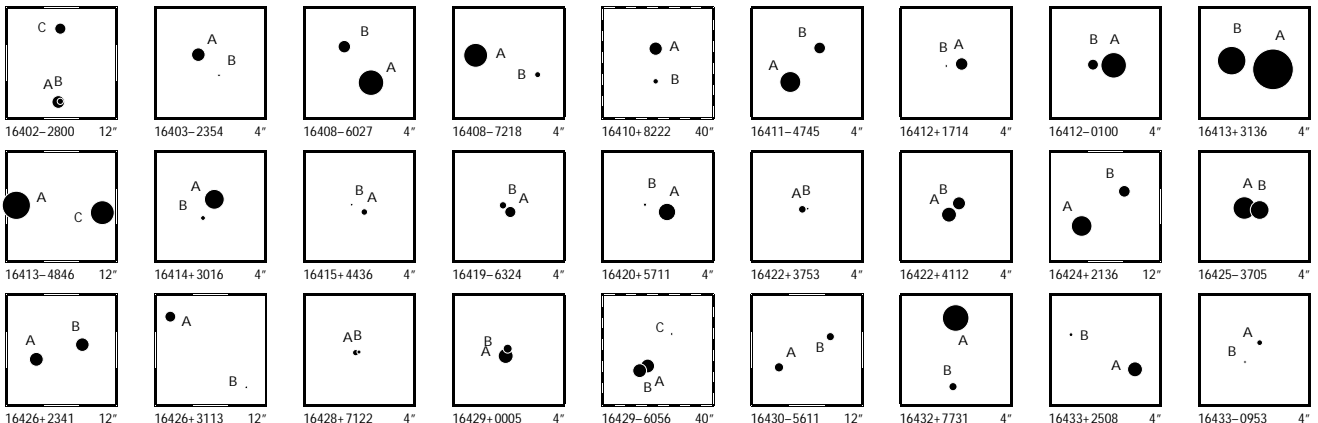


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	deg	deg	17	18	19	20	21	22	23	24	25	26	27	28	29	
16333+3855	1 FCA		A 81056	9.973	0.009	10.405	0.031	9.840	0.030	248.320	265 81	+38.922	241 99	6.32	-5.23	25.85	1.69	2.16	2.04	1.72	2.42	A	297.0	2.82		
			B 81056	10.911	0.020	11.170	0.069	10.590	0.068	248.319	369 26	+38.922	598 02	6.32	-5.23	25.85	5.97	6.21	2.04	1.72	2.42					
16334-8511	1 FCB		A 81063	10.278	0.011					248.357	650 65	-85.181	535 04	12.09	-66.08	-274.04	1.65	2.13	2.01	1.72	2.27	A	198	0.87		
			B 81063	13.077	0.141					248.356	747 02	-85.181	765 60	12.09	-66.08	-274.04	38.59	44.06	2.01	1.72	2.27					
16335-1410	1 FCB		A 81067	9.048	0.165					248.373	181 13	-14.165	685 14	5.07	5.23	-12.30	17.12	11.45	1.46	1.72	1.28	A	224	0.16		
			B 81067	9.473	0.244					248.373	148 64	-14.165	717 81	5.07	5.23	-12.30	25.99	10.47	1.46	1.72	1.28					
16339+4716	1 FCA		A 81101	9.043	0.008	9.423	0.021	8.882	0.020	248.479	203 42	+47.271	549 21	9.32	-21.07	25.06	1.45	1.62	1.42	1.38	1.59	A	251.66	5.019		
			B 81101	9.086	0.008	9.483	0.023	8.979	0.023	248.477	253 11	+47.271	110 54	9.32	-21.07	25.06	3.24	3.17	1.42	1.38	1.59					
16339+7159	1 FCA		A 81102	9.074	0.014					248.476	662 44	+71.977	933 35	3.33	-0.84	-13.78	2.86	2.06	1.10	1.32	1.13	A	268	0.35		
			B 81102	10.758	0.067					248.476	349 26	+71.977	929 37	3.33	-0.84	-13.78	10.74	11.63	1.10	1.32	1.13					
16340-1532	1 FCA		A 81117	9.253	0.029					248.509	314 54	-15.527	079 28	3.14	-14.54	7.88	6.23	2.39	3.36	5.20	2.87	A	95	0.45		
			B 81117	11.918	0.330					248.509	443 40	-15.527	090 84	3.14	-14.54	7.88	57.58	24.69	3.36	5.20	2.87					
16342-5237	1 IND	D	A 81137	7.946	0.003	9.982	0.017	8.016	0.007	248.550	436 69	-52.621	472 11	3.22	-1.52	1.20	1.53	1.37	1.76	1.65	1.40	A	218.58	30.895	0.00	+0.002
			B 81134	10.154	0.017	10.161	0.020	9.963	0.027	248.541	619 57	-52.628	180 41	2.22	-1.48	-1.09	7.63	5.11	6.22	5.27	4.41					
16348+1124	1 FCA		A 81175	10.391	0.008					248.708	004 42	+11.400	965 61	4.54	-5.05	8.72	2.60	2.06	2.68	3.04	2.82	A	235	0.45		
			B 81175	11.845	0.028					248.707	900 39	+11.400	894 20	4.54	-5.05	8.72	13.00	9.96	2.68	3.04	2.82					
16351-3339	1 FND	D	A 81194	9.694	0.016	10.495	0.034	9.606	0.026	248.768	487 98	-33.650	149 34	13.86	74.66	-134.09	2.44	1.48	2.48	2.35	1.67	A	165	4.86		
			B 81194	13.817	0.686					248.768	900 66	-33.651	453 62	13.86	74.66	-134.09	204.92	104.38	2.48	2.35	1.67					
16353-2629	1 FCA		A 81211	8.843	0.007					248.813	388 51	-26.478	343 17	0.73	2.23	-2.34	2.51	1.99	2.14	2.72	2.32	A	318	0.57		
			B 81211	10.184	0.023					248.813	271 14	-26.478	225 54	0.73	2.23	-2.34	11.69	5.61	2.14	2.72	2.32					
16354+3655	1 FND	D	A 81225	8.660	0.005	9.101	0.015	8.587	0.014	248.853	690 54	+36.912	284 67	11.85	3.32	32.64	1.07	1.18	1.30	1.23	1.41	A	148.3	3.32		
			B 81225	11.041	0.046					248.854	295 20	+36.911	500 56	11.85	3.32	32.64	10.25	11.68	1.30	1.23	1.41					
16354-5805	1 FCA		A 81227	9.391	0.005	9.405	0.014	9.326	0.018	248.854	536 58	-58.082	040 15	0.07	-3.89	-9.65	1.70	1.31	2.11	1.60	1.42	A	65.3	4.53		
			B 81227	10.673	0.016	11.703	0.148	10.483	0.086	248.856	699 29	-58.081	514 37	0.07	-3.89	-9.65	6.05	4.81	2.11	1.60	1.42					
16356+4741	1 FCA		A 81242	9.804	0.009	10.303	0.029	9.699	0.026	248.888	966 30	+47.683	046 76	6.56	-22.85	14.31	1.61	1.63	1.53	1.75	1.65	A	179.2	5.00		
			B 81242	10.644	0.018	11.071	0.057	10.297	0.044	248.888	996 91	+47.681	657 36	6.56	-22.85	14.31	5.00	6.54	1.53	1.75	1.65					
16360-5308	1 FCA		A 81275	8.679	0.006					248.991	547 28	-53.132	777 38	-0.84	-0.68	1.62	1.67	1.37	1.84	1.40	1.25	A	327	0.41		
			B 81275	11.275	0.061					248.991	444 14	-53.132	681 31	-0.84	-0.68	1.62	19.45	10.49	1.84	1.40	1.25					
16361-5114	1 FCB		A 81281	7.408	0.005	7.351	0.007	7.384	0.008	249.021	643 02	-51.239	789 92	0.39	-0.02	-3.16	1.09	0.94	1.29	1.36	1.16	A	299	2.84		
			B 81281	10.895	0.120					249.020	538 59	-51.239	411 26	0.39	-0.02	-3.16	37.55	24.67	1.29	1.36	1.16					
16362+5255	1 LCA		A 81292	5.400	0.003	5.331	0.008	5.397	0.006	249.057	216 68	+52.924	355 54	8.22	-12.28	27.38	0.67	0.68	0.60	0.60	0.60	A	105.90	3.208	-0.07	-0.004
			B 81292	6.527	0.008	6.476	0.009	6.419	0.005	249.058	638 42	+52.924	111 43	8.22	-15.56	32.14	2.21	2.27	0.60	1.22	1.22					
16364-4524	1 FCA		A 81308	9.109	0.011	9.121	0.023	9.008	0.030	249.097	986 46	-45.397	393 39	0.21	-1.84	-11.20	1.81	1.58	1.77	2.13	1.92	A	147	2.10		
			B 81308	11.524	0.101					249.098	434 10	-45.397	883 41	0.21	-1.84	-11.20	22.42	17.15	1.77	2.13	1.92					
16365-6700	1 FND	D	A 81320	7.252	0.039					249.133	543 63	-67.004	849 95	6.92	-25.46	-23.59	2.10	1.88	0.78	0.54	0.62	A	233	0.17		
			B 81320	9.826	0.422					249.133	445 35	-67.004	878 70	6.92	-25.46	-23.59	36.23	29.53	0.78	0.54	0.62					
16368+2632	1 FCA		A 81349	8.136	0.003					249.203	973 31	+26.532	356 49	12.54	2.26	-72.86	0.78	0.98	1.25	0.88	1.07	A	336	0.79		
			B 81349	10.526	0.027					249.203	874 03	+26.532	555 77	12.54	2.26	-72.86	8.75	10.92	1.25	0.88	1.07					
16368+6948	1 FCA		A 81332	8.556	0.017					249.162	716 07	+69.792	984 14	8.27	-28.66	34.24	2.65	1.77	0.82	0.83	0.84	A	98	0.302		
			B 81332	9.271	0.033					249.162	956 85	+69.792	972 89	8.27	-28.66	34.24	4.26	4.21	0.82	0.83	0.84					
	2 FCA		D 81363	8.142	0.004					249.247	198 96	+69.821	553 62	7.32	-31.35	40.00	0.81	0.81	0.75	0.74	0.85	D	281	0.63		
			E 81363	10.849	0.043					249.246	700 50	+69.821	586 98	7.32	-31.35	40.00	8.02	10.89	0.75	0.74	0.85					
16368-0510	1 FCA		A 81346	10.069	0.015	11.124	0.067	9.944	0.039	249.199	124 52	-5.160	318 74	2.57	-3.08	5.90	3.44	2.63	3.08	4.00	3.57	A	239	1.52		
			B 81346	12.384	0.123					249.198	763 82	-5.160	538 71	2.57	-3.08	5.90	36.36	23.78	3.08	4.00	3.57					
16369-0746	1 FCA		A 81355	10.306	0.009					249.215	817 87	-7.762	196 09	5.59	9.08	-11.25	3.86	1.97	3.59	4.07	2.81	A	74	0.71		
			B 81355	11.000	0.016					249.216	009 86	-7.762	141 85	5.59	9.08	-11.25	8.78	5.94	3.59	4.07	2.81					
16370-0240	1 FCA		A 81365	9.247	0.130					249.250	612 21	-2.662	680 24	4.23	-28.93	-27.66	7.19	9.05								

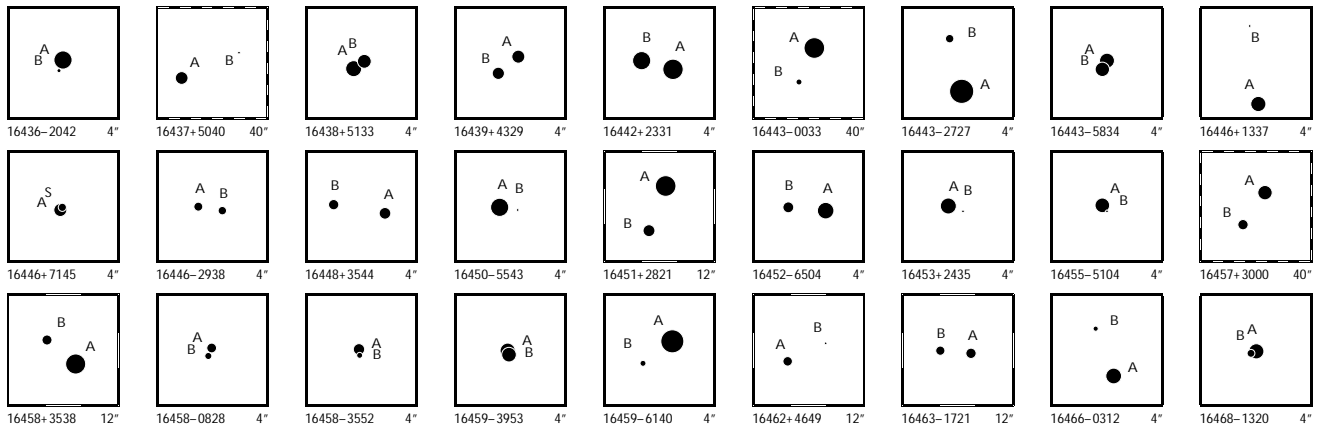
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3	5-6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16377+1933	1	INC	A 81418 B 81419	7.883 0.007 11.577 0.142	9.199 0.015 11.828 0.138	7.831 0.009 10.977 0.102	249.433 419 18 +19.556 886 83 249.438 671 28 +19.550 636 50	7.42 14.20	-19.70 5.02 -47.35 -8.47	1.58 1.33 1.50 1.62 1.52 41.88 34.39 26.94 33.39 28.41	A 141.6 28.70 +0.1 -0.01														
16378-6415	1	F CA	A 81422 B 81422	7.768 0.006 10.414 0.068	8.837 0.010 11.424 0.101	7.703 0.007 10.257 0.056	249.442 336 65 -64.249 184 93 249.446 319 61 -64.251 848 80	12.09 12.09	35.82 -59.84 35.82 -59.84	1.28 1.11 1.67 1.41 1.26 19.57 22.05 1.67 1.41 1.26	A 147.0 11.44														
16380+6910	1	F CA	A 81433 B 81433	7.830 0.011 9.784 0.069			249.499 000 10 +69.162 616 18 249.498 843 62 +69.162 554 21	5.32 5.32	7.49 -6.32 7.49 -6.32	1.73 1.97 0.67 0.62 0.70 7.47 8.63 0.67 0.62 0.70	A 222 0.30														
16380-6802	1	F CA	A 81435 B 81435	9.600 0.006 10.078 0.010			249.500 412 39 -68.031 562 14 249.500 242 52 -68.031 400 62	9.53 9.53	-173.22 -167.45 -173.22 -167.45	1.42 3.06 3.00 1.78 3.11 3.27 4.57 3.00 1.78 3.11	A 338.5 0.625														
16381+3935	1	F CA	A 81445 B 81445	6.963 0.003 10.110 0.053			249.516 880 55 +39.577 368 36 249.516 760 88 +39.577 480 08	6.69 6.69	-29.42 -61.05 -29.42 -61.05	0.81 0.91 0.76 0.65 0.82 16.76 16.11 0.76 0.65 0.82	A 320 0.52														
16383-2254	1	F CA	A 81464 B 81464	7.700 0.004 10.659 0.054			249.580 201 55 -22.892 760 79 249.579 938 58 -22.892 857 36	11.57 11.57	-35.84 -58.26 -35.84 -58.26	1.07 0.74 1.05 1.17 0.88 20.21 11.42 1.05 1.17 0.88	A 248 0.94														
16384-0436	1	F CB	A 81473 B 81473	8.880 0.028 11.590 0.334			249.612 254 26 -4.591 726 54 249.612 220 63 -4.591 662 47	4.17 4.17	12.84 -1.08 12.84 -1.08	3.72 4.60 1.98 2.44 2.24 38.59 28.10 1.98 2.44 2.24	A 332 0.26														
16385-5728	1	F CA	A 81478 B 81478	8.841 0.007 11.432 0.066	9.556 0.014	8.737 0.011	249.629 056 77 -57.469 850 80 249.629 591 52 -57.469 623 78	26.94 26.94	116.35 16.32 116.35 16.32	1.46 1.16 1.88 1.38 1.26 22.89 9.64 1.88 1.38 1.26	A 52 1.32														
16386-2408	1	F CA	A 81485 B 81485	8.764 0.007 12.525 0.206	9.190 0.018	8.692 0.017	249.639 910 27 -24.132 002 71 249.638 467 53 -24.132 761 38	6.84 6.84	-20.60 -52.03 -20.60 -52.03	1.43 0.92 1.44 1.52 1.09 60.22 35.90 1.44 1.52 1.09	A 240 5.47														
16387+1613	1	IND	A 81494 B 81496	8.640 0.006 11.162 0.046	9.057 0.011	8.596 0.011	249.677 968 98 +16.217 645 91 249.686 260 63 +16.219 727 80	3.52 -15.96	-17.23 -8.15 15.37 13.71	1.83 1.62 2.25 2.17 1.95 16.71 12.66 13.07 15.28 11.53	A 75.34 29.63 -0.02 +0.04														
16387-3605	1	F FD	A 81492 B 81492	9.868 0.032 11.500 0.141	10.565 0.057	9.784 0.044	249.672 376 38 -36.076 440 38 249.675 045 87 -36.075 467 44	7.62 7.62	42.69 6.42 42.69 6.42	7.05 4.55 7.79 7.64 4.62 38.85 27.05 7.79 7.64 4.62	A 65.7 8.52														
16388-5656	1	F CA	A 81502 B 81502	9.430 0.020 11.095 0.094			249.705 946 01 -56.937 552 41 249.705 991 84 -56.937 624 62	-0.18 -0.18	-1.62 -10.53 -1.62 -10.53	3.16 3.25 1.98 1.53 1.45 16.47 12.45 1.98 1.53 1.45	A 161 0.28														
16391+6042	1	F CA	A 81519 B 81519	8.749 0.010 9.716 0.019	9.487 0.022	8.664 0.018	249.766 469 95 +60.699 804 55 249.766 847 39 +60.702 088 28	8.67 8.67	24.76 -58.37 24.76 -58.37	1.29 1.36 1.24 1.55 1.55 4.85 4.98 1.24 1.55 1.55	A 4.62 8.25														
16393+2213	1	F CB	A 81543 B 81543	8.004 0.254 9.180 0.749			249.822 644 51 +22.221 172 84 249.822 618 83 +22.221 146 66	5.02 5.02	-5.96 16.47 -5.96 16.47	10.00 11.84 0.92 0.59 0.59 31.08 33.70 0.92 0.59 0.59	A 222 0.13														
16394-0306	1	F CA	A 81558 B 81558	7.980 0.004 10.633 0.049	9.688 0.022	7.974 0.011	249.850 280 37 -3.105 764 63 249.849 279 15 -3.106 467 57	4.98 4.98	-59.44 40.36 -59.44 40.36	1.25 0.89 1.23 1.51 1.23 10.88 6.09 1.23 1.51 1.23	A 234.9 4.40														
16394-7010	1	F CA	A 81554 B 81554	9.836 0.006 10.349 0.010			249.837 822 49 -70.168 545 99 249.838 309 10 -70.168 509 25	-0.07 -0.07	0.29 -5.45 0.29 -5.45	2.56 2.60 3.50 2.48 2.95 3.96 5.94 3.50 2.48 2.95	A 77 0.609														
16395-5322	1	F ND	A 81565 B 81562	8.708 0.024 12.326 0.510	9.601 0.021	8.617 0.016	249.879 921 55 -53.361 553 08 249.873 134 16 -53.356 110 62	8.05 8.05	-43.08 -67.82 -43.08 -67.82	2.61 2.15 2.56 2.97 2.38 128.81 88.96 2.56 2.97 2.38	A 323.3 24.42														
16395-5743	1	F CC	A 81561 B 81561	8.198 0.005 12.024 0.159			249.866 94 10 -57.716 611 18 249.867 198 88 -57.716 474 23	11.25 11.25	-33.60 -19.36 -33.60 -19.36	1.23 1.09 1.70 1.25 1.19 52.70 39.89 1.70 1.25 1.19	A 45 0.70														
16396+2300	1	INB	A 81575 B 81577	7.632 0.027 8.364 0.044	7.965 0.008	7.564 0.009	249.901 288 35 +23.001 749 10 249.906 366 50 +23.001 704 93	6.24 6.46	32.58 -25.46 26.60 -21.99	2.92 2.99 3.30 2.30 2.88 11.30 12.78 9.78 6.50 8.44	A 90.54 16.83 -0.01 -0.01														
16396-3716	1	F ND	A 81569 B 81569	10.534 0.016 13.517 0.234	11.237 0.082	10.432 0.067	249.889 691 58 -37.269 457 68 249.888 809 53 -37.268 837 57	6.31 6.31	22.08 -47.85 22.08 -47.85	2.95 2.19 2.92 2.93 2.49 82.26 68.81 2.92 2.93 2.49	A 311 3.37														
16396-5225	1	F CC	A 81574 B 81574	8.090 0.006 12.041 0.212	10.406 0.032	8.213 0.010	249.898 690 01 -52.417 409 56 249.897 631 09 -52.417 202 69	1.46 1.46	-0.54 -0.31 -0.54 -0.31	1.21 1.09 1.66 1.61 1.44 60.37 42.65 1.66 1.61 1.44	A 288 2.44														
16397-0337	1	F CA	A 81584 B 81584	8.577 0.006 11.309 0.077	8.859 0.014	8.486 0.015	249.926 919 15 -3.619 537 33 249.926 780 52 -3.619 188 13	5.80 5.80	-6.73 -1.54 -6.73 -1.54	1.97 1.23 1.67 2.43 1.71 25.65 21.21 1.67 2.43 1.71	A 338 1.35														
16397-5700	1	F FD	A 81589 B 81589	7.200 0.011 7.901 0.014	7.826 0.008	7.792 0.010	249.936 397 11 -56.994 375 30 249.937 951 42 -56.994 904 93	12.44 12.44	-4.41 -13.28 -4.41 -13.28	1.72 1.33 2.03 1.75 1.49 4.78 2.59 2.03 1.75 1.49	A 122.03 3.595														
16398-4706	1	F CB	A 81599 B 81599	8.953 0.176 10.461 0.707			249.961 141 37 -47.106 677 89 249.961 139 19 -47.106 716 61	0.76 0.76	-0.77 -3.80 -0.77 -3.80	5.54 13.07 1.75 1.63 1.09 22.34 39.70 1.75 1.63 1.09	A 182 0.14														
16398-5200	1	ICA	A 81592 B 81594	7.741 0.021 8.982 0.055	8.447 0.010	7.679 0.008	249.945 212 05 -51.994 107 68 249.948 042 38 -51.999 782 24	31.23 12.38	109.85 -43.46 108.24 -36.66	1.91 1.61 2.21 2.30 1.98 24.20 17.71 8.81 9.91 8.83	A 162.93 21.37 0.00 -0.01														
16399-3516	1	F CA	A 81603 B 81603	9.063 0.013 11.218 0.094			249.973 174 58 -35.260 573 61 249.973 411 24 -35.260 765 26	16.36 16.36	119.43 -105.36 119.43 -105.36	2.07 1.68 2.03 1.87 1.70 24.32 15.63 2.03 1.87 1.70	A 135 0.98														
16400-4747	1	F CA	A 81606 B 81606	8.102 0.008 8.156 0.008			249.986 996 52 -47.783 441 78 249.987 213 72 -47.783 810 85	13.96 13.96	-36.72 -58.81 -36.72 -58.81	2.42 1.68 2.20 2.41 1.69 4.34 3.33 2.20 2.41 1.69	A 158.4 1.429														



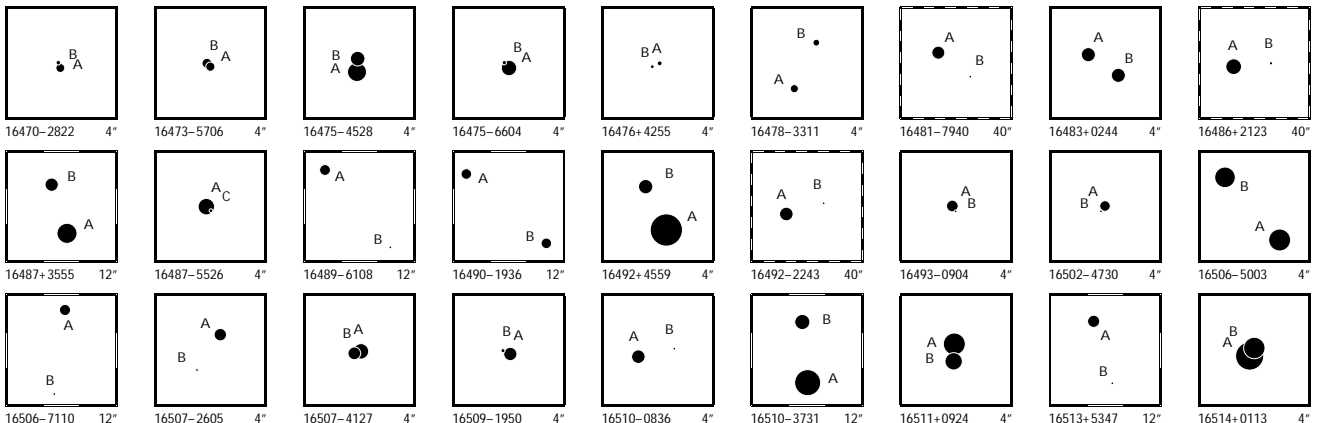
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16402-2800	1	FNB	G	A 81619 C 81619 B 81619	9.188 0.526 9.544 0.017 10.606 1.974	9.672 0.049	9.289 0.055	250.050 817 07	-27.997 346 84	6.96	-44.72	-72.29	19.47	6.31	2.26	2.17	1.58	A	358.5	8.13						
16403-2354	1	FND	D	A 81624 B 81624	8.980 0.008 12.448 0.186	9.506 0.020	8.931 0.019	250.074 697 36	-23.895 841 34	6.66	-8.17	-17.24	1.77	0.97	1.68	1.69	1.17	A	225	1.09						
16408-6027	1	FCA	A	A 81657 B 81657	6.358 0.002 9.241 0.033	6.783 0.004	6.269 0.004	250.210 061 09	-60.446 264 68	32.50	58.29	-72.99	0.60	0.61	0.77	0.67	0.67	A	35.7	1.65						
16408-7218	1	FCC	A	A 81653 B 81653	6.726 0.003 10.698 0.124	7.799 0.005	6.664 0.004	250.197 497 75	-72.299 676 68	6.43	17.95	27.53	0.76	1.10	1.20	0.75	1.19	A	253	2.38						
16410+8222	1	ICA	A	A 81667 B 81664	9.053 0.007 10.776 0.029	10.027 0.031	8.976 0.020	250.239 373 08	+82.364 735 53	3.41	-17.26	12.23	1.73	1.78	1.51	1.84	2.09	A	181.17	12.04	-0.05	0.00				
16411-4745	1	FCA	A	A 81678 B 81678	7.406 0.005 9.425 0.029	7.339 0.015	7.318 0.015	250.273 315 75	-47.746 105 61	2.70	0.64	-4.82	1.47	1.08	1.39	1.58	1.18	A	319.3	1.67						
16412+1714	1	FCA	A	A 81683 B 81683	9.223 0.006 11.924 0.068			250.288 056 52	+17.238 208 36	3.50	-4.51	-9.12	1.55	1.22	1.82	1.81	1.44	A	97	0.55						
16412-0100	1	FCA	A	A 81687 B 81687	6.375 0.003 9.624 0.065			250.298 051 22	-1.000 283 70	21.22	20.31	-11.49	1.05	0.81	1.06	1.18	0.94	A	87	0.78						
16413+3136	1	LCA	A	A 81693 B 81693	3.022 0.002 5.705 0.027	3.647 0.003	2.919 0.003	250.322 821 32	+31.601 886 95	92.63	-462.58	345.05	0.48	0.55	0.60	0.59	0.66	A	78.1	1.55	-4.2	0.00				
16413-4846	1	ICB	P	A 81702 C 81696	5.735 0.030 6.727 0.074	5.793 0.007	5.674 0.008	250.335 066 17	-48.762 969 94	-1.86	-1.14	5.49	2.52	2.10	2.15	3.21	2.70	A	265.0	9.66	-0.1	-0.01				
16414+3016	1	FCA	A	A 81704 B 81704	7.644 0.004 10.930 0.077			250.339 761 48	+30.273 202 91	11.68	-55.42	-29.63	0.73	0.81	1.02	0.86	0.94	A	149	0.81						
16415+4436	1	FCC	A	A 81714 B 81714	10.586 0.011 13.141 0.109			250.362 449 21	+44.603 370 21	3.91	16.64	-2.74	1.99	1.88	1.63	1.54	1.64	A	59	0.52						
16419-6324	1	FCA	P	A 81753 B 81753	9.515 0.015 10.396 0.030			250.472 820 72	-63.402 676 55	7.00	-16.18	-54.12	2.43	2.33	2.36	1.84	1.63	A	50	0.38						
16420+5711	1	FCA	A	A 81761 B 81761	8.177 0.004 11.302 0.060			250.503 648 94	+57.184 883 26	3.88	18.97	22.23	0.87	0.81	0.81	1.12	1.08	A	70	0.86						
16422+3753	1	FCC	A	A 81776 B 81776	10.292 0.171 11.758 0.661			250.543 928 80	+37.875 493 65	5.70	-9.96	12.81	13.93	11.27	1.23	1.07	1.32	A	282	0.19						
16422+4112	1	LCA	A	A 81774 B 81774	8.683 0.005 9.092 0.007			250.540 627 35	+41.195 243 62	6.38	-10.15	3.17	1.66	1.85	1.55	1.43	1.81	A	318.6	0.559	+0.1	-0.007				
16424+2136	1	FCA	A	A 81799 B 81799	7.419 0.005 9.424 0.031	7.481 0.007	7.374 0.007	250.608 680 84	+21.592 877 30	5.35	-10.05	3.20	0.96	0.93	1.27	0.86	0.90	A	309.3	6.07						
16425-3705	1	LCA	A	A 81803 B 81803	7.017 0.004 7.887 0.009			250.621 277 41	-37.079 148 46	8.41	-22.13	-84.23	1.52	1.15	1.35	1.34	1.03	A	262.8	0.566	-0.9	+0.014				
16426+2341	1	FCA	A	A 81810 B 81810	8.934 0.008 8.993 0.009	9.485 0.015	8.673 0.012	250.645 104 80	+23.667 189 32	15.76	-29.54	21.20	1.79	2.03	2.25	1.62	1.95	A	287.84	5.320						
16426+3113	1	FCA	A	A 81811 B 81811	9.598 0.010 11.412 0.052	10.004 0.026	9.568 0.026	250.646 650 59	+31.216 112 19	6.00	-23.26	32.80	1.48	1.68	2.02	1.58	1.90	A	226.8	11.52						
16428+7122	1	FCA	B	A 81825 B 81825	10.626 0.293 11.099 0.453	11.789 0.140	11.101 0.127	250.709 558 11	+71.370 243 86	-0.65	-0.16	-2.42	25.83	11.33	0.90	0.96	1.02	A	286	0.15						
16429+0005	1	FCA	A	A 81829 B 81829	8.685 0.015 10.015 0.051			250.717 618 31	+0.075 223 07	5.56	9.73	3.72	3.18	2.57	1.57	1.86	1.21	A	347	0.26						
16429-6056	1	LNC	G	A 81836 B 81836 C 81836	8.911 0.018 8.918 0.013 12.457 0.662	9.172 0.023	8.771 0.024	250.736 740 39	-60.926 189 71	10.44	5.54	-20.13	2.05	1.79	1.95	2.18	1.88	A	119.01	3.302	+0.04	+0.002				
16430-5611	1	FCA	A	A 81841 B 81841	9.936 0.010 10.212 0.012	10.432 0.028	9.749 0.025	250.752 256 79	-56.185 052 05	4.51	-74.69	-174.02	2.75	2.35	3.63	2.90	2.65	A	301.10	6.59						
16432+7731	1	FND	D	A 81854 B 81854	6.120 0.003 10.204 0.148	6.501 0.005	6.062 0.005	250.775 570 16	+77.513 470 98	27.78	56.38	206.46	0.63	0.81	0.69	0.58	0.92	A	178	2.55						
16433+2508	1	FCA	A	A 81871 B 81871	8.698 0.007 11.143 0.064	9.076 0.008	8.633 0.008	250.835 180 00	+25.141 356 56	4.44	2.79	3.86	0.84	1.37	1.74	0.99	1.51	A	61.8	2.68						
16433-0953	1	FCA	A	A 81869 B 81869	10.734 0.015 11.456 0.028	10.586 0.058	9.960 0.053	250.821 265 55	-9.890 367 08	4.85	7.10	-12.72	3.83	2.94	3.40	4.29	4.14	A	142	0.88						



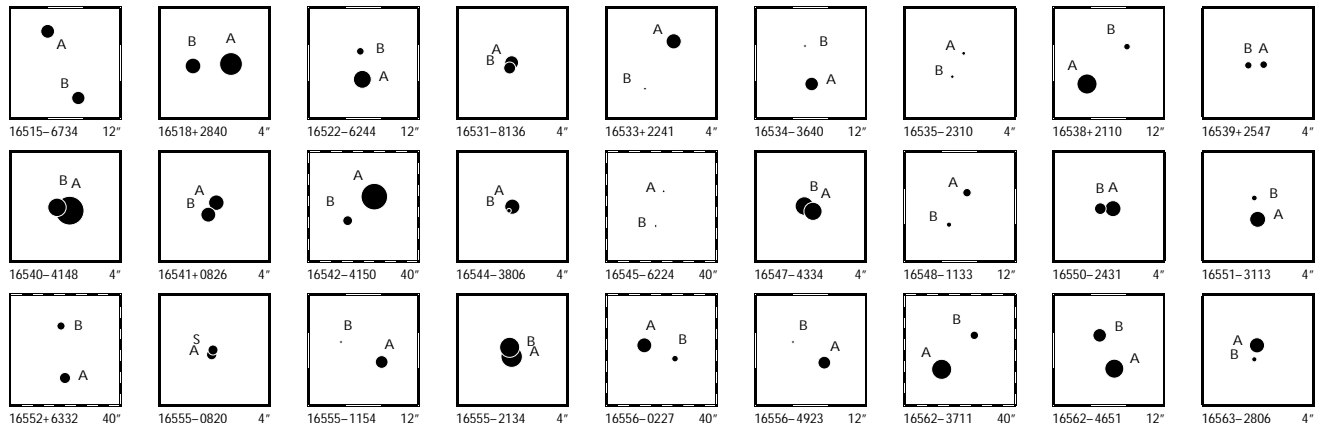
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16436-2042	1	F CA	A 81887 B 81887	7.957 0.004 11.105 0.076							250.907 076 19 -20.696 663 54 250.907 124 41 -20.696 763 62	4.21 4.21	-2.98 -18.07 -2.98 -18.07	1.52 1.08 1.21 1.31 0.88 28.08 16.46 1.21 1.31 0.88	A 156 0.40										
16437+5040	1	I NB	A 81898 B 81895	9.179 0.027 11.546 0.183	10.179 0.024 11.776 0.111	9.104 0.016 10.883 0.078					250.926 920 98 +50.666 043 91 250.917 584 43 +50.668 661 36	1.35 13.50	8.81 -5.46 17.97 -38.73	2.10 2.07 1.75 2.23 2.29 42.77 42.76 24.58 31.41 32.92	A 293.9 23.29 -0.1 -0.02										
16438+5133	1	F CA	A 81901 B 81901	8.484 0.006 8.969 0.009							250.938 875 99 +51.542 404 63 250.938 695 78 +51.542 477 35	5.11 5.11	-34.21 31.36 -34.21 31.36	1.39 1.26 1.21 1.33 1.15 2.50 2.76 1.21 1.33 1.15	A 303.0 0.481										
16439+4329	1	L CA	A 81919 B 81919	9.147 0.007 9.288 0.008							250.984 661 24 +43.475 513 13 250.984 936 31 +43.475 345 75	36.59 36.59	-72.50 -62.95 -81.33 -30.27	2.04 2.24 2.13 1.84 2.09 3.47 3.61 2.13 4.27 5.03	A 130.0 0.938 -1.2 -0.028										
16442+2331	1	F CA	A 81933 B 81933	7.522 0.005 7.986 0.008	7.618 0.015	7.080 0.020					251.044 044 88 +23.517 458 11 251.044 400 73 +23.517 553 04	6.42 6.42	-10.51 14.06 -10.51 14.06	1.12 1.11 1.32 0.91 1.00 3.01 2.70 1.32 0.91 1.00	A 73.8 1.223										
16443-0033	1	I CA	A 81942 B 81943	7.469 0.004 10.697 0.074	7.614 0.006 10.906 0.069	7.425 0.006 10.223 0.058					251.073 914 00 -0.556 696 54 251.075 494 77 -0.560 200 84	3.15 2.30	-3.76 -3.94 -20.27 23.48	1.75 1.22 1.40 1.54 1.16 37.56 20.67 15.07 14.49 11.70	A 155.7 13.84 0.0 -0.03										
16443-2727	1	F CA	A 81939 B 81939	6.660 0.003 10.140 0.080	6.725 0.006	6.617 0.007					251.072 518 11 -27.456 219 00 251.072 659 00 -27.455 674 71	10.90 10.90	-11.23 -10.18 -11.23 -10.18	0.97 0.71 0.94 1.05 0.73 20.82 13.02 0.94 1.05 0.73	A 13 2.01										
16443-5834	1	L CA	A 81937 B 81937	8.704 0.008 8.841 0.009							251.067 072 66 -58.568 623 96 251.067 155 06 -58.568 713 83	9.65 9.65	15.76 -65.05 20.03 -57.69	2.12 1.98 2.15 1.66 1.51 3.70 2.90 2.15 2.23 1.96	A 154 0.359 -1 -0.005										
16446+1337	1	F CA	A 81958 B 81958	8.644 0.005 11.941 0.100	8.682 0.010	8.602 0.012					251.141 249 53 +13.611 105 41 251.141 349 81 +13.611 899 38	2.62 2.62	-6.47 3.13 -6.47 3.13	1.19 0.94 1.59 1.72 1.25 36.33 27.09 1.59 1.72 1.25	A 7 2.88										
16446+7145	1	F CA	A 81961 S 81961	9.145 0.172 10.214 0.460							251.150 879 17 +71.756 651 33 251.150 803 77 +71.756 686 24	16.42 16.42	-96.80 114.16 -96.80 114.16	6.15 11.60 0.78 0.74 0.82 22.66 26.29 0.78 0.74 0.82	A 326 0.15										
16446-2938	1	F CA	A 81964 B 81964	9.993 0.010 10.166 0.012							251.153 857 42 -29.635 683 32 251.153 571 08 -29.635 722 06	3.51 3.51	-1.87 -38.56 -1.87 -38.56	4.10 2.48 4.07 4.79 2.65 6.40 4.23 4.07 4.79 2.65	A 261.2 0.91										
16448+3544	1	F CA	A 81979 B 81979	9.427 0.006 9.709 0.007	9.607 0.028 9.885 0.029	9.149 0.021 9.369 0.025					251.196 747 93 +35.737 984 73 251.197 408 54 +35.738 074 22	8.47 8.47	-4.60 42.01 -4.60 42.01	1.80 1.65 1.86 1.81 1.67 3.18 3.43 1.86 1.81 1.67	A 80.5 1.957										
16450-5543	1	F CA	A 81997 B 81997	7.977 0.005 11.408 0.101							251.260 299 12 -55.719 020 88 251.259 979 51 -55.719 049 68	0.65 0.65	-0.19 -4.81 -0.19 -4.81	0.98 0.92 1.25 0.97 0.90 19.80 18.22 1.25 0.97 0.90	A 261 0.66										
16451+2821	1	F CA	A 82000 B 82000	7.424 0.003 9.355 0.018	7.933 0.009 9.637 0.024	7.333 0.007 9.164 0.023					251.271 835 32 +28.357 855 18 251.272 397 57 +28.356 470 65	4.18 4.18	-10.44 28.79 -10.44 28.79	0.66 0.80 1.00 0.73 0.91 4.38 5.24 1.00 0.73 0.91	A 160.33 5.29										
16452-6504	1	F CA	A 82009 B 82009	8.313 0.009 9.595 0.028	8.225 0.009	8.131 0.011					251.288 368 84 -65.070 615 74 251.289 285 48 -65.070 579 09	4.20 4.20	-13.00 -12.24 -13.00 -12.24	1.24 1.29 1.69 1.32 1.45 5.65 5.61 1.69 1.32 1.45	A 84.6 1.40										
16453+2435	1	F CA	A 82024 B 82024	8.483 0.005 11.906 0.101							251.330 343 43 +24.583 249 37 251.330 166 80 +24.583 201 93	2.78 2.78	6.10 -18.40 6.10 -18.40	1.02 1.46 1.88 1.12 1.65 24.39 51.92 1.88 1.12 1.65	A 254 0.60										
16455-5104	1	F CB	A 82036 B 82036	8.788 0.035 11.472 0.417							251.368 940 38 -51.065 880 19 251.368 868 39 -51.065 935 23	3.81 3.81	5.23 -1.18 5.23 -1.18	6.45 7.35 2.58 2.97 2.03 69.42 49.69 2.58 2.97 2.03	A 219 0.26										
16457+3000	1	I CA	A 82058 B 82060	8.821 0.011 9.730 0.023	9.111 0.013 10.272 0.029	8.730 0.013 9.547 0.025					251.431 110 23 +30.004 788 88 251.433 729 13 +30.001 544 39	7.77 9.28	-31.38 -40.89 -23.14 -40.85	2.14 2.68 2.72 2.17 3.02 8.00 9.72 4.96 7.18 7.85	A 145.05 14.25 -0.03 0.00										
16458+3538	1	F CA	A 82068 B 82068	7.574 0.003 9.762 0.023	7.993 0.008 10.196 0.075	7.488 0.007 9.392 0.056					251.450 601 79 +35.630 697 58 251.451 671 13 +35.631 448 37	16.92 16.92	37.87 27.76 37.87 27.76	0.73 0.77 0.87 0.67 0.79 6.43 7.87 0.87 0.67 0.79	A 49.2 4.13										
16458-0828	1	F CA	A 82072 B 82072	9.850 0.033 10.449 0.058							251.456 716 00 -8.467 695 38 251.456 753 83 -8.467 778 40	1.43 1.43	7.63 11.51 7.63 11.51	4.16 4.34 2.15 2.68 2.10 9.32 6.81 2.15 2.68 2.10	A 156 0.33										
16458-3552	1	F CA	A 82067 B 82067	9.487 0.076 10.692 0.231							251.449 298 20 -35.867 807 57 251.449 291 68 -35.867 866 81	5.88 5.88	-14.31 -41.75 -14.31 -41.75	2.75 8.97 1.76 1.77 1.33 9.56 20.06 1.76 1.77 1.33	A 185 0.21										
16459-3953	1	F CA	A 82077 B 82077	8.620 0.223 8.745 0.251							251.480 133 76 -39.876 875 32 251.480 121 14 -39.876 911 95	0.83 0.83	1.84 -2.04 1.84 -2.04	5.59 15.72 1.33 0.78 0.74 7.22 13.36 1.33 0.78 0.74	A 195 0.14										
16459-6140	1	F CB	A 82079 B 82079	6.877 0.003 10.706 0.106	6.882 0.004	6.841 0.005					251.487 380 29 -61.663 413 62 251.488 011 22 -61.663 642 39	7.84 7.84	-40.42 -41.35 -40.42 -41.35	0.84 0.77 1.09 0.95 0.87 41.68 35.00 1.09 0.95 0.87	A 127 1.36										
16462+4649	1	F CA	A 82095 B 82095	9.920 0.009 12.685 0.104	10.718 0.044	9.820 0.032					251.548 372 33 +46.811 894 78 251.546 715 19 +46.812 452 41	12.04 12.04	-152.19 259.17 -152.19 259.17	1.58 1.53 1.64 1.60 1.61 29.30 30.46 1.64 1.60 1.61	A 296.2 4.55										
16463-1721	1	F CA	A 82102 B 82102	9.731 0.009 9.931 0.011	10.147 0.037	9.475 0.033					251.561 913 90 -17.346 696 87 251.562 907 49 -17.346 619 40	9.81 9.81	-26.82 -16.61 -26.82 -16.61	3.13 2.38 3.49 3.19 2.96 6.12 3.74 3.49 3.19 2.96	A 85.3 3.43										
16466-0312	1	F CA	A 82127 B 82127	8.493 0.004 10.881 0.037	9.087 0.014	8.405 0.012					251.659 726 83 -3.195 637 69 251.659 914 10 -3.195 150 92	5.77 5.77	17.53 -7.39 17.53 -7.39	1.69 1.34 1.54 1.80 1.32 10.67 6.69 1.54 1.80 1.32	A 21.0 1.88										
16468-1320	1	F CA	A 82134 B 82134	8.654 0.155 10.252 0.673							251.696 397 77 -13.338 758 57 251.696 448 95 -13.338 780 78	6.95 6.95	-12.90 -6.06 -12.90 -6.06	14.23 6.25 1.13 1.41 1.11 58.41 25.99 1.13 1.41 1.11	A 114 0.20										



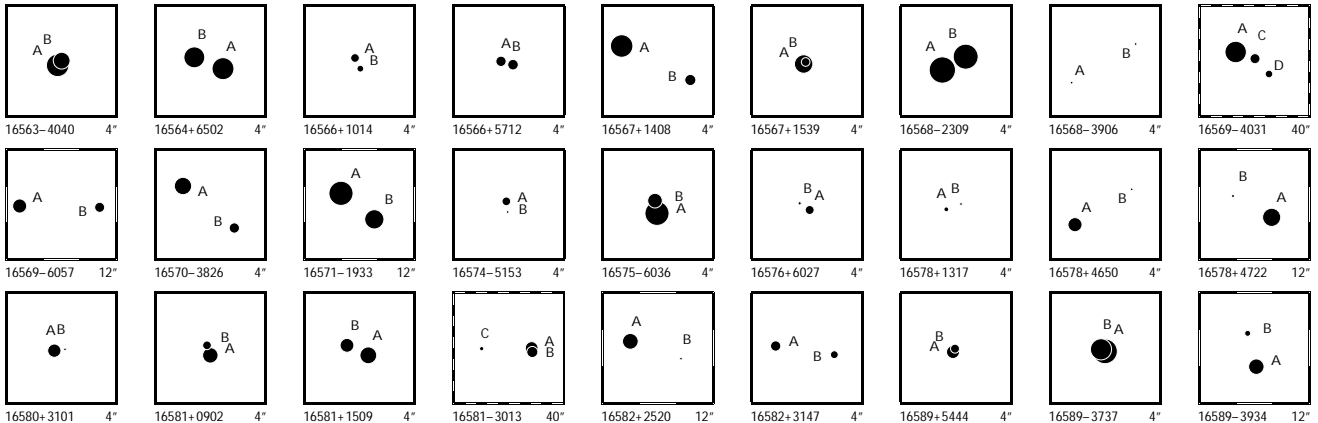
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16470-2822	1	F C B	A 82153 B 82153	9.992 0.172 10.996 0.432				251.752 161 13 251.752 179 94	-28.373 956 38 -28.373 903 64	-2.11 -2.11	-17.27 -17.27	-2.23 -2.23	9.99 16.75 1.63 1.90 1.28 22.26 35.15 1.63 1.90 1.28	A 17	0.20											
16473-5706	1	F C A	A 82167 B 82167	9.794 0.113 9.966 0.132				251.822 970 34 251.822 904 52	-57.093 313 04 -57.093 345 15	8.87 8.87	49.66 49.66	-43.98 -43.98	7.78 7.23 1.81 1.30 1.06 9.86 9.55 1.81 1.30 1.06	B 228	0.17											
16475-4528	1	F C A	A 82193 B 82193	7.792 0.008 8.764 0.016				251.876 420 32 251.876 407 49	-45.460 520 02 -45.460 378 37	2.69 2.69	-0.81 -0.81	-1.82 -1.82	1.90 2.10 2.48 2.36 1.79 4.63 4.16 2.48 2.36 1.79	A 356	0.511											
16475-6604	1	F C B	A 82192 B 82192	8.591 0.040 11.028 0.376				251.876 107 18 251.876 210 36	-66.072 590 21 -66.072 532 78	2.80 2.80	12.30 12.30	-5.86 -5.86	4.73 7.58 1.59 1.20 1.36 30.97 41.42 1.59 1.20 1.36	A 36	0.26											
16476+4255	1	F C A	A 82196 B 82196	10.925 0.051 11.159 0.063				251.887 847 06 251.887 958 43	+42.919 765 04 +42.919 734 61	-2.55 -2.55	4.52 4.52	13.75 13.75	5.20 3.93 2.09 2.51 2.11 7.94 8.10 2.09 2.51 2.11	A 110	0.31											
16478-3311	1	F C A	A 82220 B 82220	10.172 0.013 10.519 0.017	10.624 0.062	9.853 0.051		251.951 755 69 251.951 479 87	-33.187 942 29 -33.187 469 29	5.64 5.64	-27.36 -27.36	-48.14 -48.14	7.23 5.14 7.44 7.72 5.09 10.31 8.00 7.44 7.72 5.09	A 334.0	1.89											
16481-7940	1	F C A	A 82242 B 82242	9.139 0.012 11.588 0.109	9.332 0.014	9.101 0.016		252.041 298 73 252.023 389 08	-79.665 310 05 -79.667 759 41	0.73 0.73	-5.26 -5.26	-15.89 -15.89	1.31 1.50 1.65 1.26 1.58 30.26 21.74 1.65 1.26 1.58	A 232.7	14.54											
16483+0244	1	F C A	B 82251 A 82251	8.879 0.008 8.897 0.008				252.084 039 15 252.084 351 15	+2.738 018 57 +2.738 225 38	7.67 7.67	37.83 37.83	-28.61 -28.61	4.63 2.46 2.72 3.24 2.74 5.79 3.15 2.72 3.24 2.74	B 56.4	1.35											
16486+2123	1	F C A	A 82266 B 82266	8.499 0.010 11.287 0.116	9.459 0.015	8.426 0.011		252.139 659 73 252.135 570 29	+21.390 382 71 +21.390 692 15	4.66 4.66	4.39 4.39	2.03 2.03	1.34 1.19 1.65 1.39 1.28 31.08 23.60 1.65 1.39 1.28	A 274.6	13.75											
16487+3555	1	F C A	A 82275 B 82275	7.564 0.004 9.074 0.015	7.894 0.010	7.467 0.009		252.172 840 11 252.173 453 45	+35.922 040 26 +35.923 542 93	5.91 5.91	-20.89 -20.89	3.93 3.93	0.69 0.80 0.88 0.69 0.85 3.61 4.65 0.88 0.69 0.85	A 18.29	5.697											
16487-5526	1	F C B	A 82277 C 82277	8.364 0.029 11.174 0.384				252.178 383 29 252.178 297 27	-55.433 761 36 -55.433 799 16	-0.13 -0.13	-4.93 -4.93	-17.29 -17.29	2.91 2.24 1.33 1.02 0.92 39.84 32.96 1.33 1.02 0.92	A 232	0.22											
16489-6108	1	F C A	A 82290 B 82290	9.623 0.007 11.523 0.038	9.656 0.015	9.580 0.020		252.216 469 96 252.212 240 24	-61.129 436 42 -61.131 826 80	0.44 0.44	-4.02 -4.02	-8.60 -8.60	1.68 1.48 2.19 1.96 1.61 15.26 10.57 2.19 1.96 1.61	A 220.5	11.32											
16490-1936	1	L N B	B 82307 A 82307	9.672 0.027 9.678 0.027	10.231 0.032	9.729 0.032		252.255 701 13 252.258 332 72	-19.607 449 08 -19.605 294 52	10.28 10.28	18.05 30.87	-103.05 -10.25	10.41 6.55 4.04 9.15 6.67 5.17 3.60 4.04 6.74 4.90	B 49.0	11.82	-0.3	+0.07									
16492+4559	1	F C B	A 82321 B 82321	4.867 0.002 8.848 0.086	4.939 0.003	4.833 0.003		252.309 163 80 252.309 477 07	+45.983 447 80 +45.983 892 25	18.62 18.62	22.78 22.78	-51.37 -51.37	0.51 0.51 0.53 0.51 0.54 22.50 19.02 0.53 0.51 0.54	A 26	1.78											
16492-2243	1	F C A	A 82319 B 82319	8.985 0.012 11.386 0.098	9.389 0.025	8.951 0.025		252.300 920 49 252.296 842 23	-22.711 524 17 -22.710 500 86	6.02 6.02	-3.24 -3.24	-22.61 -22.61	1.91 1.37 1.87 2.39 1.63 24.07 16.00 1.87 2.39 1.63	A 285.2	14.04											
16493-0904	1	F N D	A 82327 B 82327	9.437 0.032 12.736 0.671				252.327 218 49 252.327 177 63	-9.062 569 48 -9.062 627 59	6.50 6.50	-4.63 -4.63	-1.00 -1.00	2.60 2.56 2.38 2.34 1.90 95.64 94.30 2.38 2.34 1.90	A 215	0.25											
16502-4730	1	F C A	A 82399 B 82399	9.638 0.040 11.493 0.220				252.556 179 58 252.556 242 43	-47.502 754 22 -47.502 815 54	0.85 0.85	-1.29 -1.29	-15.78 -15.78	5.10 4.70 1.82 2.09 1.50 29.58 22.14 1.82 2.09 1.50	A 145	0.27											
16506-5003	1	F C A	A 82418 B 82418	7.168 0.006 7.424 0.007	7.487 0.008	7.127 0.007		252.650 361 31 252.651 237 27	-50.044 938 14 -50.044 296 09	13.28 13.28	-6.35 -6.35	-3.14 -3.14	3.72 1.78 2.63 5.21 2.92 4.84 2.53 2.63 5.21 2.92	A 41.2	3.073											
16506-7110	1	F C A	A 82416 B 82416	9.527 0.009 11.688 0.065	10.311 0.021	9.391 0.016		252.638 657 25 252.639 688 76	-71.166 266 58 -71.168 847 89	16.17 16.17	3.32 3.32	38.03 38.03	1.65 2.14 2.70 1.60 2.35 20.59 23.73 2.70 1.60 2.35	A 172.7	9.37											
16507-2605	1	F C B	A 82425 B 82425	9.266 0.010 12.660 0.211	10.501 0.052	9.202 0.030		252.676 725 73 252.677 002 07	-26.088 926 62 -26.089 279 52	3.22 3.22	-8.24 -8.24	-60.05 -60.05	1.92 1.43 1.99 2.23 1.49 60.58 45.59 1.99 2.23 1.49	A 145	1.55											
16507-4127	1	F C A	A 82424 B 82424	8.585 0.071 9.200 0.125				252.674 997 65 252.675 094 94	-41.456 560 61 -41.456 577 81	2.08 2.08	-1.38 -1.38	-10.04 -10.04	10.27 3.18 1.53 1.32 1.02 14.03 5.40 1.53 1.32 1.02	A 103	0.27											
16509-1950	1	F C B	A 82443 B 82443	9.045 0.029 11.080 0.186				252.732 100 12 252.732 191 75	-19.837 589 16 -19.837 560 04	3.10 3.10	1.50 1.50	-9.72 -9.72	5.72 12.47 1.93 2.66 1.96 18.26 81.91 1.93 2.66 1.96	A 71	0.33											
16510-0836	1	F C B	A 82448 B 82448	9.013 0.006 12.291 0.118	9.627 0.021	8.938 0.018		252.739 950 49 252.739 576 72	-8.604 960 63 -8.604 875 33	11.28 11.28	-14.81 -14.81	-15.80 -15.80	2.00 1.56 1.94 2.29 1.97 57.57 42.55 1.94 2.29 1.97	A 283	1.37											
16510-3731	1	F C A	A 82453 B 82453	6.265 0.004 8.611 0.038	6.332 0.006	6.230 0.008		252.750 159 20 252.750 351 65	-37.514 481 20 -37.512 609 20	3.82 3.82	-6.44 -6.44	-12.60 -12.60	0.90 0.73 0.92 0.90 0.79 8.89 6.37 0.92 0.90 0.79	A 4.7	6.76											
16511+0924	1	L C A	A 82460 B 82460	7.151 0.004 8.167 0.008				252.780 861 52 252.780 868 26	+9.404 607 08 +9.404 431 53	14.71 14.71	15.56 17.74	-117.76 -126.41	1.31 1.06 1.36 1.31 1.04 3.52 3.00 1.36 2.72 1.89	A 177.8	0.632	-0.2	+0.009									
16513+5347	1	F C B	A 82473 B 82473	9.273 0.008 12.501 0.149	9.518 0.021	9.235 0.024		252.826 991 06 252.826 024 51	+53.784 741 16 +53.782 838 03	0.84 0.84	4.80 4.80	-6.17 -6.17	1.55 1.39 1.47 1.54 1.45 42.08 51.30 1.47 1.54 1.45	A 196.7	7.15											
16514+0113	1	L C A	A 82480 B 82480	5.777 0.004 7.259 0.014				252.853 911 15 252.853 858 25	+1.215 981 36 +1.216 067 24	9.45 9.45	-17.20 -38.32	-14.02 -3.91	1.83 1.03 1.11 1.65 0.80 8.06 3.83 1.11 7.65 2.27	A 328	0.363	-2	+0.020									



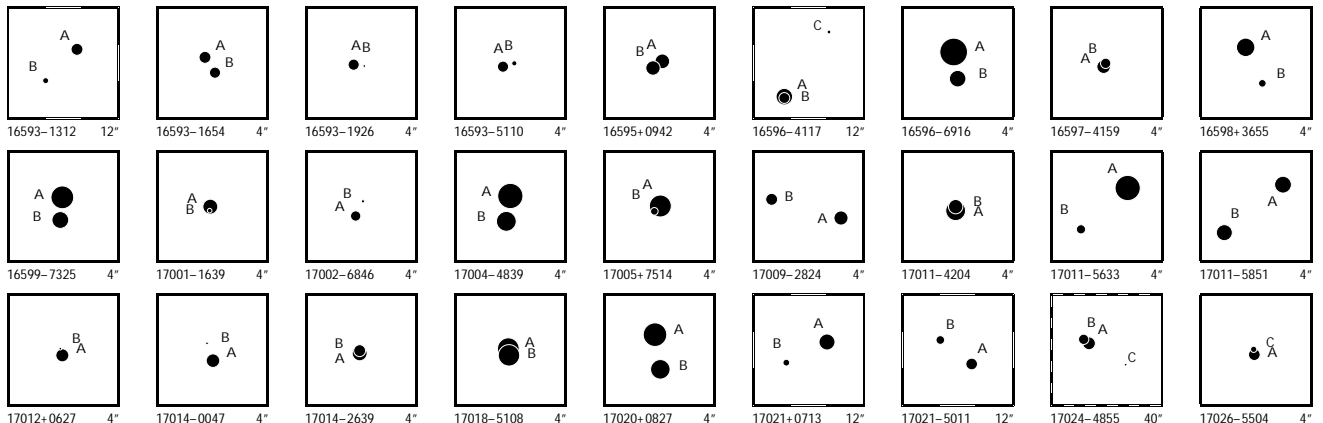
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16515-6734	1	L CA	A 82488 B 82488	8.930 0.008 9.078 0.009	10.778 0.038 10.044 0.022	8.947 0.015 9.026 0.016	252.887 727 12 252.885 205 07	-67.561 000 24 -67.563 056 53	7.81 7.81	-5.09 -10.58 -8.07 -26.58	1.80 2.79 3.70 1.83 2.45 3.50 4.17 3.70 2.93 3.72	A 205.08 8.174 -0.03 +0.016													
16518+2840	1	L CA	A 82510 B 82510	6.958 0.004 8.532 0.016	7.284 0.007	6.801 0.007	252.958 738 73 252.959 185 59	+28.666 299 95 +28.666 282 40	17.62 17.62	-1.32 37.72 -1.46 22.18	0.72 0.85 0.95 0.67 0.81 4.92 5.06 0.95 3.28 3.24	A 92.6 1.413 +0.6 +0.001													
16522-6244	1	F CA	A 82533 B 82533	8.013 0.004 10.302 0.028	8.394 0.008	7.930 0.008	253.051 736 34 253.051 875 51	-62.737 087 88 -62.736 219 38	9.94 9.94	-1.49 -53.93 -1.49 -53.93	0.94 0.91 1.45 0.98 1.06 8.11 6.33 1.45 0.98 1.06	A 4.2 3.14													
16531-8136	1	F CA	A 82592 B 82592	8.914 0.057 9.370 0.087			253.263 248 09 253.263 434 79	-81.594 536 71 -81.594 585 71	7.65 7.65	-19.87 -20.56 -19.87 -20.56	3.70 5.22 0.93 0.65 0.85 5.99 7.36 0.93 0.65 0.85	A 151 0.202													
16533+2241	1	F CC	A 82609 B 82609	8.614 0.007 12.035 0.166	9.022 0.010	8.526 0.010	253.320 877 32 253.321 202 24	+22.677 474 34 +22.676 981 95	9.79 9.79	-11.45 -14.99 -11.45 -14.99	1.32 1.42 1.81 1.19 1.63 35.42 47.46 1.81 1.19 1.63	A 149 2.08													
16534-3640	1	F ND	A 82623 B 82623	8.981 0.009 12.477 0.226	10.202 0.043	8.946 0.026	253.357 943 72 253.358 207 82	-36.659 813 50 -36.658 649 75	6.45 6.45	17.81 -15.50 17.81 -15.50	1.83 1.48 1.96 1.88 1.49 62.74 47.28 1.96 1.88 1.49	A 10 4.26													
16535-2310	1	F ND	A 82627 B 82627	11.188 0.036 11.219 0.037			253.370 438 23 253.370 566 33	-23.163 947 61 -23.164 190 32	-10.26 -10.26	16.85 -8.33 16.85 -8.33	7.47 4.90 5.53 11.41 10.37 15.09 9.69 5.53 11.41 10.37	A 154 0.97													
16538+2110	1	F CA	A 82654 B 82654	7.568 0.004 10.579 0.069	8.829 0.012	7.517 0.007	253.440 779 92 253.439 478 93	+21.172 888 11 +21.174 020 74	7.13 7.13	-18.73 21.22 -18.73 21.22	0.92 0.82 1.19 0.99 0.98 15.04 16.14 1.19 0.99 0.98	A 313.0 5.97													
16539+2547	1	F CA	A 82662 B 82662	10.324 0.007 10.360 0.007			253.475 902 01 253.476 072 58	+25.784 580 74 +25.784 574 31	4.83 4.83	-1.61 10.68 -1.61 10.68	3.31 2.78 3.61 3.97 2.82 4.15 5.15 3.61 3.97 2.82	A 92 0.553													
16540-4148	1	F FB	A 82676 B 82676	5.647 0.004 7.917 0.028			253.507 659 01 253.507 844 05	-41.806 383 05 -41.806 346 88	0.55 0.55	-1.75 -2.47 -1.75 -2.47	1.44 1.02 1.20 1.39 0.90 11.53 11.48 1.20 1.39 0.90	A 75 0.51													
16541+0826	1	F CA	A 82680 B 82680	8.573 0.006 8.724 0.007			253.513 624 55 253.513 704 49	+8.432 904 69 +8.432 777 66	6.78 6.78	-35.32 -6.78 -35.32 -6.78	2.60 2.41 2.33 2.56 2.59 4.53 3.28 2.33 2.56 2.59	A 148 0.539													
16542-4150	1	F ND	A 82691 B 82691	6.118 0.013 9.865 0.393	6.172 0.009	6.042 0.010	253.541 925 41 253.545 672 45	-41.825 032 71 -41.827 543 37	-1.37 -1.37	0.42 -2.86 0.42 -2.86	1.46 0.96 1.43 1.35 1.01 78.21 54.16 1.43 1.35 1.01	A 132.0 13.52													
16544-3806	1	F CB	A 82709 B 82709	8.656 0.079 10.967 0.664			253.592 155 89 253.592 198 85	-38.098 189 87 -38.098 235 17	16.46 16.46	-59.71 -57.72 -59.71 -57.72	3.94 10.95 1.51 1.62 1.38 45.55 30.37 1.51 1.62 1.38	A 143 0.20													
16545-6224	1	IND	A 82725 B 82724	11.865 0.081 11.958 0.088			253.633 947 70 253.632 228 15	-62.403 741 41 -62.400 233 61	203.01 109.57	254.79 173.56 294.47 205.48	42.36 41.66 29.27 22.09 21.64 13.91 13.46 20.12 13.96 13.79	B 347.2 12.95 +0.2 +0.02													
16547-4334	1	F CA	A 82740 B 82740	7.942 0.011 7.951 0.011			253.673 955 41 253.673 837 73	-43.560 023 37 -43.560 076 67	3.72 3.72	-0.81 8.72 -0.81 8.72	4.16 3.39 2.69 2.18 1.52 3.87 3.10 2.69 2.18 1.52	B 238 0.362													
16548-1133	1	F CA	A 82752 B 82752	10.149 0.011 10.869 0.019	10.920 0.063	10.047 0.049	253.703 124 44 253.703 700 10	-11.549 696 43 -11.550 705 80	-1.16 -1.16	-8.19 -7.94 -8.19 -7.94	4.13 3.06 4.07 4.54 3.40 10.01 6.37 4.07 4.54 3.40	A 150.8 4.16													
16550-2431	1	F CA	A 82770 B 82770	8.464 0.011 9.430 0.027			253.738 294 08 253.738 436 67	-24.508 246 90 -24.508 246 84	6.95 6.95	-28.09 -10.56 -28.09 -10.56	2.46 1.37 1.73 1.98 1.50 6.65 3.96 1.73 1.98 1.50	A 90 0.47													
16551-3113	1	F CA	A 82791 B 82791	8.439 0.005 10.758 0.037			253.784 663 24 253.784 704 66	-31.222 695 70 -31.222 468 77	-0.13 -0.13	0.79 -2.92 0.79 -2.92	1.75 1.18 1.65 1.83 1.19 14.25 9.02 1.65 1.83 1.19	A 9 0.83													
16552+6332	1	I CA	A 82796 B 82797	9.516 0.031 10.170 0.047	9.873 0.022	9.322 0.021	253.806 290 97 253.807 076 79	+63.528 150 61 +63.533 427 74	5.23 1.65	-8.30 30.33 -10.72 35.00	4.01 3.91 3.23 3.49 4.13 15.01 15.16 5.98 6.31 7.66	A 3.80 19.04 -0.01 0.00													
16555-0820	1	F NC	A 82817 S 82817	9.726 0.100 9.809 0.108			253.871 857 93 253.871 840 87	-8.334 229 84 -8.334 184 07	174.23 174.23	-829.34 -878.81 -829.34 -878.81	8.07 9.24 3.90 4.08 2.48 19.53 12.63 3.90 4.08 2.48	A 340 0.18													
16555-1154	1	F CA	A 82815 B 82815	9.205 0.009 11.737 0.085	9.689 0.023	9.092 0.021	253.870 734 62 253.872 014 29	-11.892 468 03 -11.891 859 46	7.61 7.61	-25.81 -15.95 -25.81 -15.95	2.48 1.73 2.31 2.92 1.88 36.69 15.61 2.31 2.92 1.88	A 64.1 5.01													
16555-2134	1	L CA	A 82822 B 82822	7.284 0.007 7.570 0.009			253.885 589 52 253.885 612 50	-21.569 498 17 -21.569 398 49	2.35 2.35	-8.16 -4.44 -7.29 -8.20	1.52 1.36 1.28 1.88 1.04 2.08 1.88 1.28 2.26 1.18	A 12.1 0.367 +0.3 -0.003													
16556-0227	1	F CA	A 82831 B 82831	8.689 0.008 10.559 0.040	10.396 0.036	8.656 0.015	253.898 458 35 253.895 247 53	-2.453 624 95 -2.454 932 07	3.05 3.05	0.87 -12.05 0.87 -12.05	2.01 1.19 1.97 1.94 1.28 15.71 8.24 1.97 1.94 1.28	A 247.83 12.47													
16556-4923	1	F CA	A 82826 B 82826	9.191 0.008 12.356 0.138	9.822 0.030	9.158 0.027	253.892 323 08 253.893 797 62	-49.383 828 75 -49.383 186 60	10.04 10.04	35.49 -92.64 35.49 -92.64	1.75 1.29 1.79 1.83 1.26 36.69 24.01 1.79 1.83 1.26	A 56.2 4.16													
16562-3711	1	F ND	A 82869 B 82869	7.578 0.021 10.153 0.205	8.740 0.018	7.512 0.012	254.039 055 14 254.034 912 77	-37.187 956 05 -37.184 458 36	6.28 6.28	-27.12 -40.69 -27.12 -40.69	1.96 1.58 2.01 1.77 1.36 40.11 32.20 2.01 1.77 1.36	A 316.7 17.31													
16562-4651	1	F CA	A 82874 B 82874	7.780 0.005 9.029 0.016	7.801 0.009	7.744 0.012	254.060 412 89 254.061 088 63	-46.849 397 84 -46.848 389 24	2.63 2.63	3.92 -7.45 3.92 -7.45	1.39 1.02 1.32 1.71 1.04 6.07 3.47 1.32 1.71 1.04	A 24.6 3.994													
16563-2806	1	F CA	A 82878 B 82878	8.640 0.005 10.832 0.034			254.067 150 03 254.067 177 05	-28.099 406 58 -28.099 548 83	6.18 6.18	25.72 -13.51 25.72 -13.51	1.72 1.38 1.58 1.95 1.51 13.19 9.60 1.58 1.95 1.51	A 170 0.52													



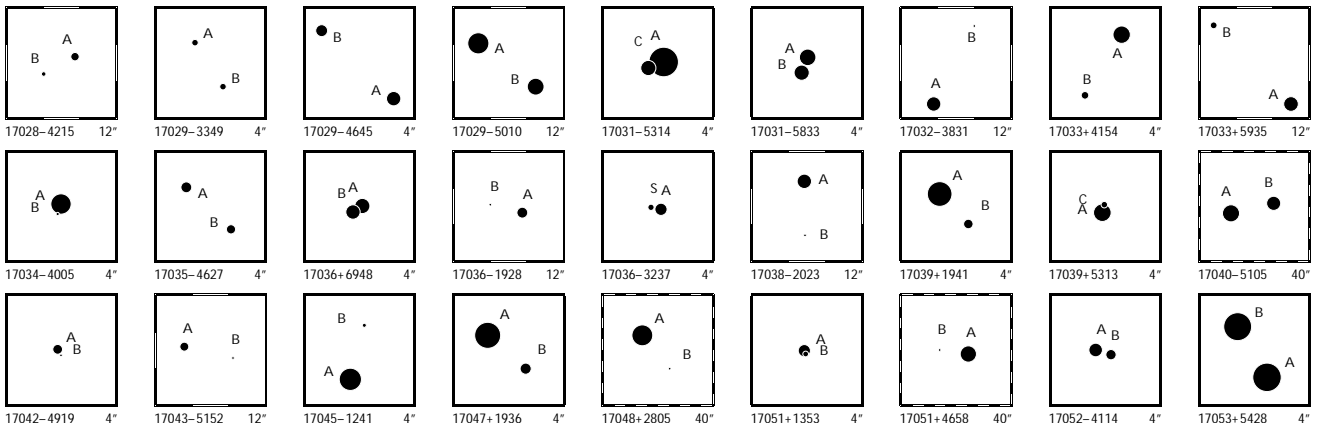
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16563-4040	1	F CA	A 82876 B 82876	7.015 0.031 8.294 0.101				254.062 630 50 254.062 570 58	-40.659 944 97 -40.659 900 27	-2.02 -2.02	1.99 1.99	-2.71 -2.71	7.63 4.79 1.52 25.66 15.75 1.52	1.40 1.02 1.40 1.02	A 315	0.23										
16564+6502	1	L CA	P A 82898 B 82898	7.129 0.005 7.368 0.006				254.105 481 37 254.106 169 64	+65.039 044 88 +65.039 158 29	14.90 14.90	-34.43 -35.91	32.72 35.65	1.06 1.02 0.89 1.96 2.11 0.89	0.69 1.02 0.96 1.36	A 68.7	1.123	-0.2	0.000								
16566+1014	1	F CA	A 82909 B 82909	10.071 0.015 10.488 0.021				254.139 067 52 254.139 011 44	+10.239 300 09 +10.239 190 20	8.37 8.37	-6.41 -6.41	-49.79 -49.79	3.09 2.77 3.37 5.49 5.16 3.37	2.85 2.21 2.85 2.21	A 207	0.443										
16566+5712	1	L CA	B 82910 A 82910	9.654 0.011 9.738 0.011				254.145 773 95 254.145 987 43	+57.188 109 13 +57.188 141 84	11.90 11.90	27.48 26.38	-16.30 -8.02	3.07 2.78 1.66 3.54 3.24 1.66	1.98 1.70 2.23 2.07	B 74.2	0.433	-1.1	+0.001								
16567+1408	1	F CA	A 82918 B 82918	7.041 0.003 9.515 0.029	8.164 0.010 9.825 0.034	7.240 0.015 9.125 0.032		254.165 260 48 254.164 529 98	+14.140 193 56 +14.139 851 49	7.94 7.94	-12.29 -12.29	24.13 24.13	0.79 0.66 0.96 7.44 8.13 0.96	0.98 0.74 0.98 0.74	A 244.2	2.83										
16567+1539	1	F CB	A 82915 B 82915	7.899 0.185 10.075 1.369				254.163 067 04 254.163 045 74	+15.642 805 38 +15.642 829 76	11.61 11.61	-2.48 -2.48	-40.97 -40.97	8.16 8.79 0.90 45.66 50.55 0.90	0.83 0.65 0.83 0.65	A 320	0.11										
16568-2309	1	L CA	A 82925 B 82925	6.159 0.006 6.507 0.008				254.200 159 18 254.199 897 84	-23.150 321 78 -23.150 183 42	8.99 8.99	-2.29 -3.35	-9.89 -5.90	1.41 1.02 1.32 2.59 2.19 1.32	1.68 1.07 2.40 1.45	A 299.9	0.998	+0.2	+0.003								
16568-3906	1	F ND	D A 82926 B 82926	11.411 0.047 13.387 0.276				254.202 160 85 254.201 311 05	-39.093 659 55 -39.093 264 59	68.71 68.71	65.79 65.79	-109.38 -109.38	5.38 3.96 5.02 78.72 60.53 5.02	6.17 4.67 6.17 4.67	A 301	2.77										
16569-4031	1	F NC	Z A 82936 C 82936 D 82936	7.285 0.015 9.789 0.090 10.342 0.256	7.331 0.010 9.846 0.119 9.973 0.145	7.240 0.015 9.480 0.138 9.614 0.161		254.227 788 38 254.225 137 76 254.223 228 11	-40.512 337 18 -40.512 971 17 -40.514 588 52	1.20 1.20 1.20	0.45 0.45 0.45	-1.78 -1.78 -1.78	1.47 1.04 1.46 18.17 12.39 1.46 50.25 32.96 1.46	1.43 1.02 1.43 1.02 1.43 1.02	A 252.5 A 237.0	7.61 14.88										
16569-6057	1	F CA	A 82930 B 82930	8.880 0.007 9.805 0.015	9.731 0.020 11.016 0.050	8.789 0.015 9.706 0.025		254.217 344 40 254.212 278 13	-60.956 954 61 -60.956 984 13	25.67 25.67	4.82 4.82	46.72 46.72	1.71 1.59 2.47 5.36 4.63 2.47	1.93 1.82 1.93 1.82	A 269.31	8.85										
16570-3826	1	F CA	A 82943 B 82943	8.137 0.008 9.728 0.034	8.492 0.015 9.838 0.047	8.031 0.017 9.377 0.049		254.248 758 00 254.248 078 19	-38.433 341 65 -38.433 775 97	4.87 4.87	10.77 10.77	-20.16 -20.16	2.22 1.43 2.04 18.11 7.98 2.04	1.85 1.36 1.85 1.36	A 230.8	2.47										
16571-1933	1	F CA	A 82951 B 82951	6.643 0.007 7.753 0.018	7.762 0.011	7.613 0.014		254.266 633 64 254.265 559 86	-19.539 839 23 -19.540 621 21	4.78 4.78	-18.97 -18.97	-7.04 -7.04	1.72 1.50 1.48 6.53 4.89 1.48	2.01 1.75 2.01 1.75	A 232.3	4.60										
16574-5153	1	F CA	A 82976 B 82976	10.054 0.023 12.435 0.201				254.343 583 53 254.343 563 27	-51.887 994 03 -51.888 106 50	14.58 14.58	-4.77 -4.77	-34.96 -34.96	3.84 4.24 3.33 48.10 45.70 3.33	4.54 3.37 4.54 3.37	A 186	0.41										
16575-6036	1	F CA	A 82985 B 82985	6.657 0.003 8.777 0.018				254.374 675 11 254.374 702 30	-60.600 092 22 -60.599 960 57	4.25 4.25	-1.23 -1.23	-12.88 -12.88	0.75 0.81 0.93 6.21 6.02 0.93	0.77 0.74 0.77 0.74	A 6	0.48										
16576+6027	1	F CA	A 82998 B 82998	10.042 0.009 11.285 0.029				254.409 035 92 254.409 241 85	+60.455 635 74 +60.455 702 10	5.04 5.04	-26.45 -26.45	-25.05 -25.05	1.89 1.71 1.36 6.71 6.92 1.36	1.81 1.55 1.81 1.55	A 57	0.44										
16578+1317	1	F CB	A 83010 B 83010	10.898 0.014 13.090 0.106				254.442 029 94 254.441 871 91	+13.291 448 67 +13.291 504 51	26.23 26.23	47.07 47.07	71.84 71.84	2.65 2.09 3.30 26.02 22.93 3.30	2.80 2.22 2.80 2.22	A 290	0.59										
16578+4650	1	F ND	D A 83015 B 83015	8.880 0.009 12.841 0.321	9.860 0.020	8.798 0.014		254.460 067 63 254.459 214 57	+46.829 991 39 +46.830 351 16	5.66 5.66	-21.71 -21.71	-44.76 -44.76	1.17 1.19 1.15 72.94 73.32 1.15	1.08 1.28 1.08 1.28	A 302	2.47										
16578+4722	1	F CB	A 83020 B 83020	7.956 0.006 11.330 0.127	9.034 0.011 12.086 0.256	7.903 0.008 10.846 0.128		254.472 111 91 254.473 875 40	+47.366 026 61 +47.366 687 74	55.71 55.71	-146.90 -146.90	272.21 272.21	1.12 1.27 1.21 48.04 32.90 1.21	1.15 1.35 1.15 1.35	A 61.0	4.91										
16580+3101	1	F FD	D A 83024 B 83024	9.069 0.019 11.924 0.261				254.493 482 68 254.493 355 77	+31.008 517 41 +31.008 535 17	7.80 7.80	-14.39 -14.39	-28.80 -28.80	5.78 2.66 1.83 65.35 39.93 1.83	1.44 2.04 1.44 2.04	A 279	0.40										
16581+0902	1	F CA	A 83037 B 83037	8.599 0.007 10.077 0.027				254.527 961 76 254.527 996 87	+9.032 607 22 +9.032 709 55	6.38 6.38	0.31 0.31	9.19 9.19	1.42 1.50 1.45 5.47 5.44 1.45	1.30 1.08 1.30 1.08	A 19	0.389										
16581+1509	1	F CA	A 83034 B 83034	8.279 0.005 8.958 0.009				254.519 996 99 254.520 221 57	+15.153 083 82 +15.153 188 47	3.49 3.49	11.67 11.67	15.83 15.83	1.26 1.15 1.61 3.20 3.18 1.61	1.41 1.08 1.41 1.08	A 64.2	0.867										
16581-3013	1	F CA	X A 83038 B 83038 C 83042	9.170 0.051 9.529 0.059 11.040 0.225	9.529 0.035 11.138 0.168	8.935 0.032 10.783 0.196		254.528 960 34 254.528 890 97 254.534 942 55	-30.216 146 35 -30.216 561 10 -30.216 217 88	5.01 5.01 5.01	3.19 3.19 3.19	-32.21 -32.21 -32.21	5.18 3.65 3.94 17.14 9.46 3.94 58.46 49.91 3.94	4.82 4.03 4.82 4.03 4.82 4.03	A 188 A 90.8	1.51 18.61										
16582+2520	1	F CA	A 83049 B 83049	8.529 0.007 11.789 0.139	8.775 0.008	8.478 0.008		254.550 859 65 254.549 123 67	+25.338 520 39 +25.338 005 79	6.04 6.04	-12.97 -12.97	-15.50 -15.50	0.97 1.30 1.63 27.57 35.84 1.63	1.06 1.43 1.06 1.43	A 251.8	5.94										
16582+3147	1	F CA	A 83051 B 83051	9.703 0.008 10.283 0.013	10.050 0.029 10.302 0.041	9.410 0.021 9.802 0.044		254.561 449 44 254.560 752 54	+31.790 951 87 +31.790 868 92	1.73 1.73	-12.18 -12.18	20.52 20.52	1.92 2.14 2.47 3.94 5.15 2.47	2.07 2.46 2.07 2.46	A 262.0	2.153										
16589+5444	1	F CC	P A 83102 B 83102	9.110 0.202 10.000 0.459				254.725 477 15 254.725 450 43	+54.728 450 72 +54.728 485 39	1.04 1.04	-0.89 -0.89	2.12 2.12	11.12 10.15 0.79 18.79 31.19 0.79	0.95 0.83 0.95 0.83	A 336	0.14										
16589-3737	1	L CA	A 83100 B 83100	6.543 0.064 7.322 0.131				254.717 706 59 254.717 761 57	-37.620 421 95 -37.620 401 62	12.13 12.13	3.18 24.66	-28.08 -58.55	7.65 6.04 0.98 14.42 12.28 0.98	3.81 3.34 7.62 6.56	A 65	0.17	+12	+0.01								
16589-3934	1	F CA	A 83101 B 83101	8.588 0.009 10.665 0.058	9.869 0.055	8.497 0.031		254.724 354 89 254.724 697 23	-39.559 092 25 -39.558 065 60	52.30 52.30	272.90 272.90	223.14 223.14	1.99 1.40 2.05 14.95 14.81 2.05	1.87 1.41 1.87 1.41	A 14.4	3.82										



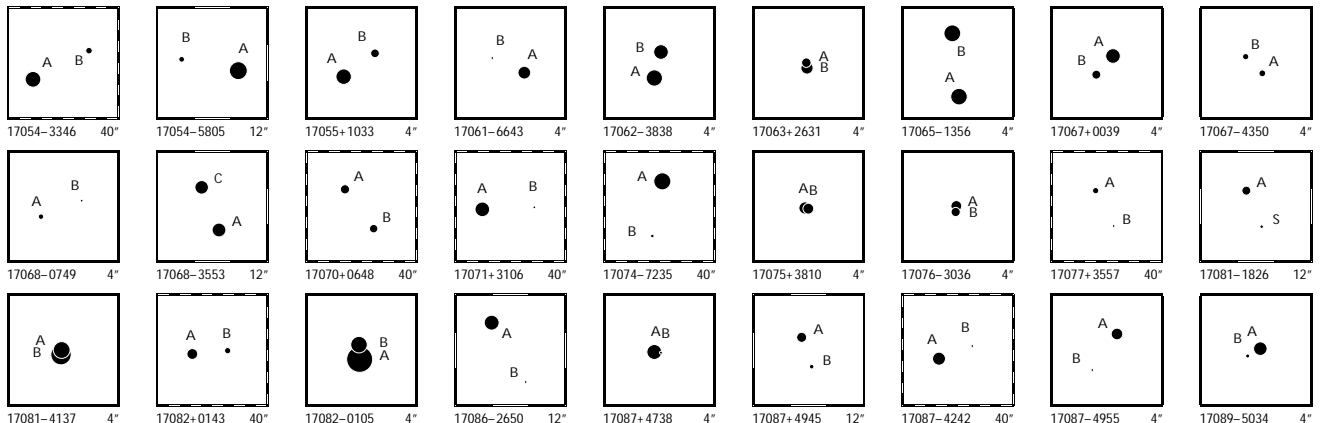
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16593-1312	1	F CA	A 83126 B 83126	9.339 0.007 10.699 0.024	9.977 0.033	9.278 0.029		254.820 216 52 -13.198 671 90 254.821 204 87 -13.199 619 60	4.01 4.01	19.06 -27.12 19.06 -27.12	2.68 1.87 2.61 2.95 1.91 9.58 5.56 2.61 2.95 1.91	A 134.6 4.86																
16593-1654	1	F CA	A 83131 B 83131	9.365 0.006 9.566 0.007				254.827 221 93 -16.902 569 29 254.827 113 27 -16.902 725 20	5.44 5.44	-3.58 -18.43 -3.58 -18.43	4.03 2.42 2.88 3.95 2.36 5.75 3.70 2.88 3.95 2.36	A 214 0.675																
16593-1926	1	F CC	A 83125 B 83125	9.526 0.025 12.811 0.513				254.818 347 27 -19.429 130 74 254.818 230 04 -19.429 141 55	4.14 4.14	-9.35 -9.73 -9.35 -9.73	4.25 1.99 2.21 2.58 2.00 80.67 34.90 2.21 2.58 2.00	A 264 0.40																
16593-5110	1	F CA	A 83133 B 83133	9.553 0.018 10.877 0.060				254.833 342 14 -51.163 756 84 254.833 149 32 -51.163 722 44	4.39 4.39	-15.24 -13.30 -15.24 -13.30	3.55 2.24 2.43 2.92 1.99 11.75 8.49 2.43 2.92 1.99	A 286 0.45																
16595+0942	1	L CA	A 83143 B 83143	8.787 0.007 8.827 0.007				254.873 077 99 +9.703 428 01 254.873 177 88 +9.703 360 90	5.19 5.19	-3.14 9.86 -8.06 11.00	2.93 2.17 2.36 2.13 1.72 4.71 3.64 2.36 2.63 2.13	A 124 0.429 0 -0.005																
16596-4117	1	F NB G	A 83155 B 83155 C 83155	8.360 0.035 9.582 0.108 11.179 0.108				254.898 202 10 -41.285 573 96 254.898 177 11 -41.285 632 74 254.896 359 78 -41.283 576 85	3.39 3.39 3.39	-36.47 -50.89 -36.47 -50.89 -36.47 -50.89	1.78 2.27 1.52 1.82 1.32 8.02 9.96 1.52 1.82 1.32 27.90 18.79 1.52 1.82 1.32	A 198 0.22 A 325.3 8.75																
16596-6916	1	F CA	A 83150 B 83150	5.859 0.002 8.361 0.022				254.891 592 36 -69.268 131 78 254.891 467 32 -69.268 406 55	3.32 3.32	-13.94 -13.12 -13.94 -13.12	0.46 0.52 0.68 0.50 0.55 4.10 5.53 0.68 0.50 0.55	A 189.2 1.00																
16597-4159	1	F CA	A 83161 B 83161	8.977 0.180 9.734 0.361				254.931 774 10 -41.978 607 38 254.931 743 03 -41.978 573 57	0.75 0.75	-3.47 -4.01 -3.47 -4.01	8.24 11.52 1.14 1.14 0.78 17.07 18.27 1.14 1.14 0.78	A 326 0.15																
16598+3655	1	F CA	A 83164 B 83164	7.943 0.004 10.308 0.037	8.031 0.009	7.846 0.011		254.943 452 80 +36.921 352 96 254.943 238 16 +36.920 979 61	4.96 4.96	-8.28 20.25 -8.28 20.25	0.78 0.85 0.93 0.77 1.02 8.03 8.96 0.93 0.77 1.02	A 204.7 1.48																
16599-7325	1	F CA	A 83173 B 83173	6.996 0.002 8.289 0.008				254.977 980 95 -73.422 455 33 254.978 050 28 -73.422 680 10	2.89 2.89	-1.73 -12.00 -1.73 -12.00	0.53 0.70 0.80 0.48 0.74 1.94 3.08 0.80 0.48 0.74	A 175.0 0.812																
17001-1639	1	F CB	A 83192 B 83192	8.683 0.091 11.001 0.768				255.033 633 87 -16.645 058 96 255.033 640 88 -16.645 101 83	2.45 2.45	-4.89 -3.74 -4.89 -3.74	4.24 7.13 1.18 0.97 0.63 22.81 49.91 1.18 0.97 0.63	A 171 0.16																
17002-6846	1	L CA	A 83193 B 83193	9.699 0.007 11.309 0.030				255.037 921 15 -68.761 430 88 255.037 726 98 -68.761 283 76	32.73 32.73	143.45 260.78 104.27 237.66	1.69 2.22 2.60 1.59 1.86 11.03 10.89 2.60 1.78 8.03	A 334 0.59 -4 0.00																
17004-4839	1	F CA	A 83216 B 83216	6.444 0.003 7.636 0.009				255.112 397 09 -48.647 563 42 255.112 449 83 -48.647 822 30	8.39 8.39	-16.98 -80.41 -16.98 -80.41	0.95 0.72 1.02 1.09 0.71 3.38 2.20 1.02 1.09 0.71	A 172.3 0.940																
17005+7514	1	F CB	A 83218 B 83218	7.126 0.012 10.332 0.236				255.115 001 32 +75.225 261 70 255.115 232 86 +75.225 208 10	11.19 11.19	40.05 -43.40 40.05 -43.40	1.65 1.68 0.66 0.61 0.79 21.36 26.36 0.66 0.61 0.79	A 132 0.29																
17009-2824	1	F CA	A 83246 B 83246	8.885 0.012 9.381 0.019	9.262 0.027	8.733 0.028		255.225 461 13 -28.399 175 80 255.226 264 27 -28.398 984 07	11.34 11.34	-1.65 -59.76 -1.65 -59.76	2.62 1.99 2.30 2.41 1.88 7.40 4.88 2.30 2.41 1.88	A 74.8 2.64																
17011-4204	1	F CA	A 83266 B 83266	7.638 0.056 8.835 0.168				255.275 247 37 -42.071 754 95 255.275 248 49 -42.071 713 55	1.09 1.09	-2.41 -9.08 -2.41 -9.08	2.94 4.65 0.90 0.95 0.65 8.52 9.75 0.90 0.95 0.65	A 1 0.15																
17011-5633	1	F CB	A 83269 B 83269	6.432 0.004 9.938 0.101	6.368 0.004	6.426 0.005		255.279 278 95 -56.555 014 65 255.280 142 70 -56.555 430 25	2.76 2.76	-2.50 -25.55 -2.50 -25.55	1.00 0.90 1.22 1.12 1.01 38.37 39.60 1.22 1.12 1.01	A 131 2.27																
17011-5851	1	F CA	A 83268 B 83268	8.267 0.006 8.451 0.007	8.196 0.012	8.182 0.016		255.278 531 12 -58.850 064 65 255.279 680 84 -58.850 557 89	-0.24 -0.24	1.04 -0.13 1.04 -0.13	1.34 1.40 1.87 1.58 1.50 2.83 2.93 1.87 1.58 1.50	A 129.7 2.782																
17012+0627	1	F CB	A 83277 B 83277	9.100 0.050 11.671 0.537				255.296 742 58 +6.457 455 47 255.296 767 63 +6.457 513 43	1.97 1.97	8.98 -2.69 8.98 -2.69	3.97 4.89 1.82 2.31 1.31 53.70 46.45 1.82 2.31 1.31	A 23 0.23																
17014-0047	1	F CA	A 83293 B 83293	9.000 0.005 12.018 0.079				255.343 070 89 -0.785 607 66 255.343 127 25 -0.785 435 21	4.50 4.50	-6.55 7.94 -6.55 7.94	1.89 1.31 1.79 1.99 1.32 32.43 20.75 1.79 1.99 1.32	A 18 0.65																
17014-2639	1	F CA	A 83296 B 83296	8.705 0.143 9.375 0.265				255.351 204 57 -26.643 775 06 255.351 204 71 -26.643 737 92	7.27 7.27	-45.55 -19.81 -45.55 -19.81	6.77 11.35 1.72 2.30 1.01 12.37 12.56 1.72 2.30 1.01	A 0 0.13																
17018-5108	1	L CA	A 83321 B 83321	7.226 0.029 7.267 0.030				255.443 182 79 -51.130 886 16 255.443 165 60 -51.130 949 36	10.08 10.08	-11.05 -41.95 -10.70 -47.81	2.98 4.09 0.90 2.00 1.15 2.35 3.92 0.90 1.92 1.15	A 190 0.231 0 +0.006																
17020+0827	1	L CA	A 83342 B 83342	6.755 0.004 7.657 0.010	6.483 0.008	6.399 0.009		255.495 665 63 +8.450 662 23 255.495 607 92 +8.450 304 38	8.60 8.60	26.80 2.64 20.53 2.64	1.30 0.87 1.18 1.23 0.77 3.77 3.11 1.18 1.25 2.28	A 189.1 1.305 +0.3 +0.001																
17021+0713	1	F CA	A 83353 B 83353	8.477 0.006 10.474 0.036	8.684 0.015	8.380 0.016		255.532 900 81 +7.213 589 72 255.534 171 21 +7.212 950 47	6.73 6.73	5.14 -11.42 5.14 -11.42	2.12 1.20 1.83 2.18 1.27 16.08 8.17 1.83 2.18 1.27	A 116.9 5.09																
17021-5011	1	F CA	A 83350 B 83350	9.393 0.008 10.079 0.014	10.767 0.069	9.279 0.033		255.511 656 91 -50.180 807 73 255.513 145 86 -50.180 083 29	1.17 1.17	-13.50 -16.02 -13.50 -16.02	3.02 2.34 3.03 3.32 2.22 5.91 5.11 3.03 3.32 2.22	A 52.8 4.311																
17024-4855	1	F NC X	A 83371 B 83371 C 83369	9.172 0.030 9.729 0.035 11.964 0.382	9.227 0.032	8.965 0.020		255.590 516 62 -48.918 566 83 255.591 344 85 -48.918 127 33 255.584 732 02 -48.920 793 38	-0.88 -0.88 -0.88	2.10 -5.50 2.10 -5.50 2.10 -5.50	3.27 1.91 2.21 2.92 1.78 10.42 5.75 2.21 2.92 1.78 73.26 51.74 2.21 2.92 1.78	A 51.1 2.52 A 239.6 15.86																
17026-5504	1	F CB	A 83387 B 83387	9.406 0.202 10.605 0.597				255.637 834 94 -55.071 098 98 255.637 850 60 -55.071 042 75	1.57 1.57	-3.30 -10.48 -3.30 -10.48	11.00 23.09 2.62 2.81 2.40 31.30 53.94 2.62 2.81 2.40	A 9 0.20																



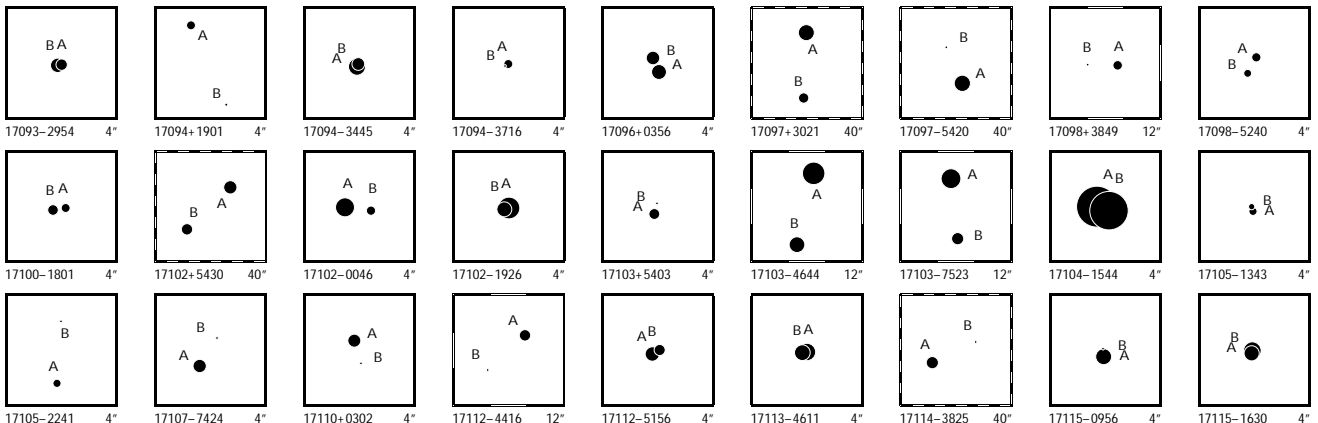
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17028-4215	1	F CA	A 83403 B 83403	10.123 0.012 10.972 0.025	10.636 0.051 11.198 0.107	10.127 0.056 10.465 0.087		255.691 591 36 255.692 891 11	-42.250 228 37 -42.250 769 33	0.87 0.87	-7.93 -1.21 -7.93 -1.21	3.47 2.30 2.99 4.15 2.69 11.70 6.29 2.99 4.15 2.69	A 119.3 3.97													
17029-3349	1	F NB	A 83409 B 83409	10.536 0.010 10.580 0.011	11.019 0.101	10.326 0.093		255.723 722 70 255.723 376 32	-33.810 257 44 -33.810 710 62	-1.11 -1.11	0.13 -6.36 0.13 -6.36	5.14 3.80 4.86 5.58 3.77 5.93 4.55 4.86 5.58 3.77	A 212.4 1.933													
17029-4645	1	F CA	A 83413 B 83413	8.831 0.010 9.388 0.016	9.291 0.024 9.729 0.041	8.775 0.024 9.276 0.043		255.736 509 20 255.737 584 01	-46.751 996 12 -46.751 302 87	3.27 3.27	-16.54 -34.82 -16.54 -34.82	2.50 1.66 2.18 2.26 1.60 9.83 4.13 2.18 2.26 1.60	A 46.7 3.64													
17029-5010	1	F CA	A 83406 B 83406	7.345 0.006 8.297 0.014	7.510 0.009 8.506 0.019	7.252 0.011 8.178 0.020		255.718 824 52 255.716 060 70	-50.160 370 94 -50.161 706 25	0.22 0.22	-12.06 -15.20 -12.06 -15.20	1.58 1.37 1.72 1.91 1.33 5.16 4.00 1.72 1.91 1.33	A 232.98 7.984													
17031-5314	1	L CA	A 83431 C 83431	5.439 0.003 8.645 0.055				255.786 288 86 255.786 547 77	-53.236 626 42 -53.236 678 44	37.97 37.97	1.16 -165.10 -16.51 -117.70	0.92 0.74 0.84 0.86 0.68 18.04 14.74 0.84 13.70 12.69	A 109 0.59 -4 -0.03													
17031-5833	1	F CA	A 83429 B 83429	8.345 0.006 8.612 0.007				255.779 981 99 255.780 101 56	-58.547 196 87 -58.547 354 75	5.13 5.13	13.47 -15.00 13.47 -15.00	2.43 3.05 2.46 2.66 3.20 3.54 3.91 2.46 2.66 3.20	A 158.4 0.611													
17032-3831	1	F CA	A 83434 B 83434	8.826 0.010 11.781 0.141	9.346 0.018	8.756 0.017		255.790 919 42 255.789 306 67	-38.512 068 42 -38.509 653 60	10.26 10.26	2.89 -35.30 2.89 -35.30	1.91 1.43 1.86 1.96 1.31 42.18 24.67 1.86 1.96 1.31	A 332.4 9.81													
17033+4154	1	F CA	A 83447 B 83447	8.160 0.005 10.340 0.034	9.036 0.009 10.301 0.054	8.084 0.009 9.726 0.044		255.819 948 45 255.820 452 64	+41.897 493 68 +41.896 865 38	5.32 5.32	-5.62 -22.96 -5.62 -22.96	0.95 1.01 1.03 0.91 1.07 8.76 9.63 1.03 0.91 1.07	A 149.1 2.63													
17033+5935	1	I CA	A 83451 B 83454	8.752 0.009 10.512 0.038	9.977 0.034 12.038 0.173	8.732 0.020 10.193 0.052		255.829 457 18 255.834 132 65	+59.584 773 14 +59.587 184 09	39.71 40.18	-356.87 241.17 -365.30 253.01	2.02 1.80 1.57 2.05 2.01 12.90 12.38 4.76 9.09 11.64	A 44.47 12.16 -0.07 0.00													
17034-4005	1	F CB	A 83457 B 83457	7.472 0.006 11.259 0.153				255.842 502 49 255.842 543 06	-40.087 830 53 -40.087 936 64	5.32 5.32	-10.51 -28.55 -10.51 -28.55	1.33 1.26 1.16 1.23 0.78 40.81 22.65 1.16 1.23 0.78	A 164 0.40													
17035-4627	1	F CA	A 83460 B 83460	9.584 0.011 9.934 0.015	9.866 0.039 10.083 0.045	9.221 0.038 9.457 0.043		255.869 928 34 255.869 271 02	-46.454 155 65 -46.454 591 68	10.77 10.77	-9.43 -35.14 -9.43 -35.14	3.28 2.44 3.04 3.21 2.51 6.67 4.78 3.04 3.21 2.51	A 226.1 2.26													
17036+6948	1	L CA	A 83477 B 83477	8.663 0.011 8.829 0.013				255.910 584 11 255.910 859 41	+69.798 022 99 +69.797 965 65	11.33 11.33	-28.60 67.46 -22.96 73.69	2.22 1.95 1.31 1.48 1.69 3.20 3.17 1.31 1.80 2.20	A 121.1 0.400 -1.2 +0.002													
17036-1928	1	F CA	A 83474 B 83474	9.570 0.006 12.457 0.076	9.577 0.019	9.554 0.026		255.901 084 90 255.902 136 80	-19.462 144 87 -19.461 895 39	4.40 4.40	3.52 -9.02 3.52 -9.02	1.91 1.02 1.91 2.30 1.00 38.01 15.28 1.91 2.30 1.00	A 75.9 3.68													
17036-3237	1	F CA	A 83465 S 83465	9.288 0.015 10.618 0.050				255.888 503 97 255.888 630 46	-32.614 006 34 -32.613 982 17	5.39 5.39	-11.66 -26.24 -11.66 -26.24	3.53 2.42 2.42 3.13 2.09 14.41 10.49 2.42 3.13 2.09	A 77 0.39													
17038-2023	1	F CB	A 83486 B 83486	8.812 0.008 12.190 0.169	9.939 0.023	8.770 0.015		255.944 969 96 255.944 935 64	-20.388 939 61 -20.390 593 51	4.09 4.09	8.99 -6.59 8.99 -6.59	1.76 0.98 1.73 2.16 0.95 51.75 24.69 1.73 2.16 0.95	A 181.1 5.96													
17039+1941	1	F CA	A 83493 B 83493	6.538 0.005 9.891 0.106	8.418 0.010	6.583 0.004		255.969 473 00 255.969 160 52	+19.690 492 58 +19.690 186 82	2.92 2.92	-22.94 8.55 -22.94 8.55	0.74 0.72 0.97 0.75 0.81 18.90 15.77 0.97 0.75 0.81	A 224 1.53													
17039+5313	1	F CA	A 83501 C 83501	8.091 0.014 10.541 0.137				255.982 309 89 255.982 288 21	+53.231 212 11 +53.231 295 22	3.18 3.18	0.50 33.90 0.50 33.90	1.50 2.69 0.79 0.74 0.88 14.85 15.77 0.79 0.74 0.88	A 351 0.30													
17040-5105	1	I NB	A 83509 B 83506	8.213 0.046 8.857 0.071	8.321 0.022 8.741 0.037	8.304 0.028 8.612 0.046		256.005 127 53 255.998 133 54	-51.083 640 71 -51.082 594 48	-4.36 -2.35	12.55 -5.67 16.34 -5.66	5.45 4.65 4.67 6.37 4.79 19.73 16.17 12.16 15.82 11.83	A 283.39 16.26 0.00 0.00													
17042-4919	1	F CB	A 83524 B 83524	9.849 0.084 11.820 0.516				256.043 704 21 256.043 655 13	-49.320 617 02 -49.320 677 34	-0.59 -0.59	-1.77 -6.83 -1.77 -6.83	8.51 14.63 2.17 2.88 1.79 40.29 43.03 2.17 2.88 1.79	A 208 0.25													
17043-5152	1	F CA	A 83530 B 83530	9.997 0.010 12.496 0.098	10.455 0.045	10.102 0.054		256.078 015 78 256.075 575 93	-51.861 651 81 -51.861 983 80	1.91 1.91	-6.55 -13.32 -6.55 -13.32	2.33 1.78 2.25 2.87 1.90 38.22 27.58 2.25 2.87 1.90	A 257.6 5.55													
17045-1241	1	F CB	A 83545 B 83545	7.098 0.003 11.120 0.105	8.482 0.008	7.075 0.005		256.123 237 55 256.123 087 24	-12.676 008 82 -12.675 457 08	8.16 8.16	-45.18 -75.62 -45.18 -75.62	1.01 0.68 1.07 0.96 0.67 38.08 19.93 1.07 0.96 0.67	A 345 2.06													
17047+1936	1	F CA	A 83565 B 83565	6.259 0.002 9.534 0.036	6.225 0.003	6.224 0.004		256.172 241 25 256.171 833 37	+19.599 101 93 +19.598 761 94	5.43 5.43	13.60 1.44 13.60 1.44	0.60 0.59 0.79 0.66 0.65 9.59 11.19 0.79 0.66 0.65	A 228.5 1.85													
17048+2805	1	F ND	A 83568 B 83568	7.406 0.012 11.737 0.594	8.658 0.009	7.358 0.006		256.190 817 48 256.187 594 37	+28.091 037 65 +28.087 535 41	7.60 7.60	5.74 6.56 5.74 6.56	0.81 1.00 1.25 0.91 1.23 84.09 128.76 1.25 0.91 1.23	A 219.1 16.24													
17051+1353	1	F CC	A 83590 B 83590	9.300 0.161 10.744 0.610				256.266 101 98 256.266 087 35	+13.889 094 12 +13.889 055 95	2.68 2.68	-7.44 -10.66 -7.44 -10.66	3.91 9.89 1.20 0.86 0.88 22.76 42.11 1.20 0.86 0.88	A 200 0.15													
17051+4658	1	F CA	A 83595 B 83595	8.406 0.007 11.377 0.109	9.842 0.022	8.360 0.012		256.272 910 37 256.277 178 83	+46.967 187 64 +46.967 606 08	5.93 5.93	-17.95 -15.96 -17.95 -15.96	1.14 1.23 1.18 1.24 1.33 29.82 30.41 1.18 1.24 1.33	A 81.8 10.59													
17052-4114	1	F CA	A 83598 B 83598	9.022 0.010 9.718 0.018				256.304 157 44 256.303 941 45	-41.231 812 21 -41.231 862 66	10.19 10.19	19.03 12.56 19.03 12.56	2.64 1.57 2.43 2.64 1.47 5.54 3.59 2.43 2.64 1.47	A 252.7 0.61													
17053+5428	1	L CA	A 83608 B 83608	5.728 0.004 5.813 0.005	6.119 0.014 6.216 0.015	5.604 0.011 5.682 0.010		256.334 092 80 256.334 614 04	+54.469 863 08 +54.470 381 15	37.08 37.08	-66.00 73.86 -103.71 107.39	1.08 1.03 0.89 0.98 1.03 2.34 2.21 0.89 1.37 1.52	A 30.3 2.160 -1.3 +0.010													



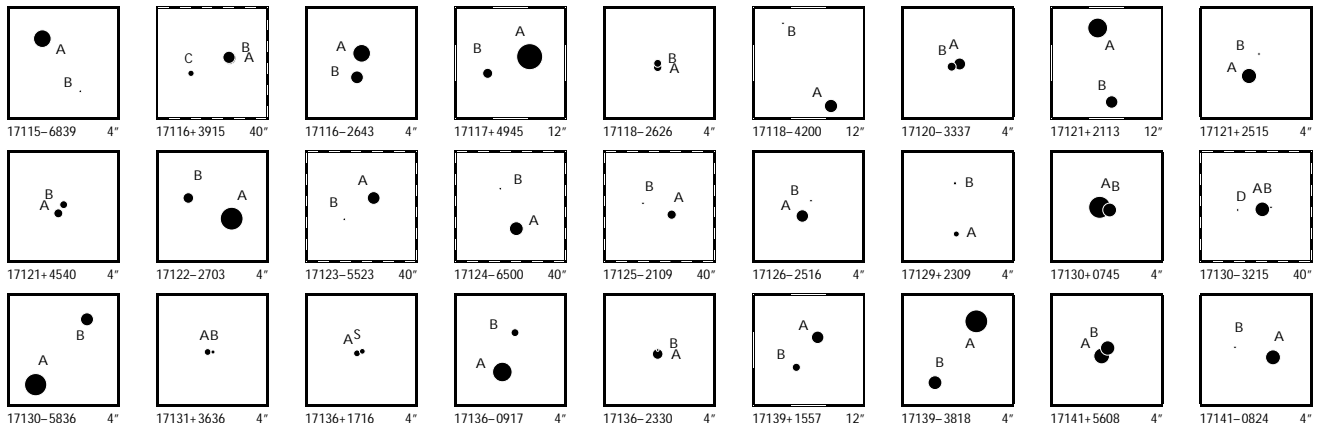
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^*	δ	π	μ_{α^*}	μ_{δ}	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17054-3346	1	F	D	A 83612 B 83609	8.499 0.021 10.545 0.105	9.080 0.022 11.683 0.198	8.403 0.020 9.210 0.036		256.343 190 74 256.336 189 40	-33.770 012 90 -33.767 014 85	19.22 19.22	136.68 -141.19 136.68 -141.19	2.40 1.58 2.10 2.38 1.59 62.84 33.09 2.10 2.38 1.59	A 297.3 23.57											
17054-5805	1	F	NB	A 83618 B 83618	8.019 0.012 10.768 0.140	10.226 0.028 10.860 0.078	8.259 0.011 10.230 0.075		256.347 762 23 256.351 052 62	-58.076 606 14 -58.076 247 45	0.93 0.93	-0.92 1.60 -0.92 1.60	1.51 1.42 1.95 1.60 1.53 23.08 20.38 1.95 1.60 1.53	A 78.4 6.40											
17055+1033	1	F	CA	A 83634 B 83634	8.601 0.007 10.065 0.025	8.866 0.013	8.435 0.013		256.383 498 72 256.383 172 34	+10.546 468 45 +10.546 705 40	4.12 4.12	-8.63 0.13 -8.63 0.13	1.64 1.19 1.75 1.58 1.11 6.51 6.36 1.75 1.58 1.11	A 306.4 1.44											
17061-6643	1	F	CB	A 83670 B 83670	9.196 0.007 12.533 0.146	10.687 0.033	9.141 0.015		256.516 636 28 256.517 454 32	-66.714 611 02 -66.714 460 10	1.71 1.71	1.87 -0.44 1.87 -0.44	1.74 1.65 2.29 1.77 1.76 50.48 61.78 2.29 1.77 1.76	A 65 1.28											
17062-3838	1	L	CA	A 83687 B 83687	8.426 0.008 8.749 0.011				256.549 742 56 256.549 660 01	-38.625 098 88 -38.624 841 26	12.58 12.58	-12.99 -75.76 -10.81 -68.23	2.78 1.78 2.39 2.38 1.36 5.69 2.77 2.39 4.32 2.66	A 345.9 0.956 +0.2 +0.007											
17063+2631	1	F	CA	B 83690 A 83690	9.307 0.082 9.880 0.140				256.574 349 27 256.574 356 97	+26.517 870 64 +26.517 927 48	11.84 11.84	-25.91 0.04 -25.91 0.04	3.58 8.19 1.25 0.78 1.17 7.39 13.58 1.25 0.78 1.17	B 7 0.21											
17065-1356	1	F	NB	B 83710 A 83710	8.307 0.005 8.334 0.005	8.729 0.014 8.783 0.016	8.226 0.009 8.235 0.011		256.622 686 91 256.622 611 67	-13.934 744 25 -13.935 398 53	10.04 10.04	-1.02 -56.99 -1.02 -56.99	2.32 1.39 1.84 1.93 1.01 2.08 1.19 1.84 1.93 1.01	B 186.4 2.370											
17067+0039	1	F	CA	A 83716 B 83716	8.730 0.008 10.020 0.025				256.650 752 02 256.650 927 14	+0.652 208 17 +0.652 016 96	18.73 18.73	-18.93 -5.85 -18.93 -5.85	2.48 1.54 2.14 2.81 1.73 11.11 5.78 2.14 2.81 1.73	A 138 0.93											
17067-4350	1	F	CA	A 83723 B 83723	10.472 0.014 10.600 0.015				256.670 451 62 256.670 690 17	-43.838 001 42 -43.837 826 35	0.77 0.77	-14.04 -20.05 -14.04 -20.05	7.08 4.25 6.74 5.98 4.29 14.52 7.21 6.74 5.98 4.29	A 45 0.88											
17068-0749	1	F	CA	A 83729 B 83729	10.810 0.013 11.631 0.028	11.640 0.108	10.624 0.073		256.687 608 06 256.687 190 60	-7.824 699 12 -7.824 534 97	14.74 14.74	-52.10 -52.24 -52.10 -52.24	4.27 2.46 3.86 5.45 2.85 13.17 8.08 3.86 5.45 2.85	A 291.6 1.60											
17068-3553	1	F	CA	A 83733 C 83733	8.940 0.011 9.014 0.012	9.115 0.015 9.205 0.017	8.806 0.016 8.955 0.020		256.699 589 17 256.700 278 21	-35.887 514 01 -35.886 188 58	1.28 1.28	4.35 -6.31 4.35 -6.31	4.36 2.57 2.73 3.35 2.29 6.43 3.32 2.73 3.35 2.29	A 22.8 5.177											
17070+0648	1	I	CA	A 83747 B 83744	9.978 0.038 10.169 0.044	10.854 0.046 11.061 0.049	9.767 0.028 9.883 0.027		256.739 667 99 256.736 615 98	+6.801 044 04 +6.796 955 89	13.34 15.07	-29.36 -88.97 -31.23 -91.71	6.41 4.71 5.92 7.08 4.90 17.54 13.07 7.64 9.12 6.32	A 216.55 18.32 0.00 0.00											
17071+3106	1	F	ND	A 83754 B 83754	8.741 0.021 12.297 0.472	8.916 0.011	8.716 0.013		256.768 417 70 256.762 232 42	+31.093 177 86 +31.093 359 84	2.71 2.71	-6.62 -35.09 -6.62 -35.09	1.07 1.30 1.44 1.14 1.54 99.29 134.63 1.44 1.14 1.54	A 272.0 19.08											
17074-7235	1	F	CB	A 83778 B 83781	8.236 0.031 11.219 0.396	8.698 0.009 11.822 0.125	8.168 0.008 10.962 0.086		256.841 132 02 256.844 621 37	-72.575 431 62 -72.581 035 32	10.39 10.39	-20.48 -77.44 -20.48 -77.44	1.37 1.77 1.78 1.33 1.85 134.82 193.13 1.78 1.33 1.85	A 169.4 20.52											
17075+3810	1	F	CA	A 83791 B 83791	9.295 0.189 9.615 0.253				256.875 034 32 256.874 985 33	+38.172 379 37 +38.172 374 90	8.80 8.80	-14.80 9.65 -14.80 9.65	15.27 7.75 0.82 0.72 0.87 12.54 11.24 0.82 0.72 0.87	A 263 0.14											
17076-3036	1	F	CA	A 83798 B 83798	9.572 0.033 9.984 0.048				256.891 256 19 256.891 255 39	-30.593 754 76 -30.593 816 89	1.99 1.99	-20.44 -30.49 -20.44 -30.49	3.60 3.90 1.71 1.88 1.14 6.61 5.46 1.71 1.88 1.14	A 181 0.224											
17077+3557	1	F	ND	A 83811 B 83811	10.634 0.024 13.253 0.259	11.232 0.067	10.635 0.062		256.926 034 68 256.923 846 41	+35.946 974 64 +35.943 308 80	10.05 10.05	-3.82 2.36 -3.82 2.36	1.95 2.19 2.35 2.09 2.83 61.99 72.68 2.35 2.09 2.83	A 205.8 14.66											
17081-1826	1	F	CA	A 83850 S 83850	10.013 0.009 11.224 0.026	10.578 0.052	10.011 0.048		257.036 664 29 257.036 147 25	-18.437 566 92 -18.438 662 77	3.40 3.40	8.60 -9.56 8.60 -9.56	3.56 1.85 3.53 4.45 1.79 11.58 6.15 3.53 4.45 1.79	A 204.1 4.32											
17081-4137	1	F	CA	B 83845 A 83845	7.500 0.052 8.280 0.107				257.023 472 28 257.023 458 32	-41.614 657 40 -41.614 614 37	6.98 6.98	-19.47 -42.12 -19.47 -42.12	2.56 4.22 1.08 0.95 0.60 5.07 7.22 1.08 0.95 0.60	B 346 0.159											
17082+0143	1	L	FD	A 83852 B 83851	9.619 0.017 10.640 0.039	10.198 0.038	9.533 0.034		257.045 180 89 257.041 512 12	+1.719 427 66 +1.719 709 51	33.62 33.62	-155.57 -132.70 -19.07 -175.30	9.82 6.15 7.87 13.23 7.62 38.39 25.79 7.87 31.92 19.31	A 274.4 13.24 -0.1 -0.14											
17082-0105	1	L	CA	A 83853 B 83853	6.237 0.002 8.341 0.014				257.056 900 56 257.056 911 55	-1.079 377 67 -1.079 231 01	12.00 12.00	-10.55 -40.37 -21.71 -28.31	0.99 0.77 0.96 0.99 0.67 6.84 4.21 0.96 4.46 3.06	A 4.3 0.529 -1.3 +0.011											
17086-2650	1	F	CA	A 83878 B 83878	8.693 0.007 11.822 0.115	8.748 0.014	8.662 0.017		257.152 521 70 257.151 343 71	-26.836 725 19 -26.838 549 27	3.87 3.87	-0.92 -8.98 -0.92 -8.98	1.88 1.12 1.84 1.92 1.11 49.88 19.36 1.84 1.92 1.11	A 210.0 7.58											
17087+4738	1	F	CA	A 83887 B 83887	8.675 0.030 11.363 0.356				257.182 485 31 257.182 380 47	+47.639 154 74 +47.639 144 60	2.37 2.37	11.76 -13.20 11.76 -13.20	5.09 1.65 0.91 0.96 0.97 30.08 20.84 0.91 0.96 0.97	A 262 0.26											
17087+4945	1	F	CA	A 83885 B 83885	9.751 0.008 10.998 0.024	10.315 0.032	9.636 0.028 10.670 0.086		257.174 389 07 257.173 901 44	+49.755 531 15 +49.754 626 35	5.84 5.84	-33.88 -74.25 -33.88 -74.25	1.42 1.55 1.44 1.56 1.99 5.55 6.90 1.44 1.56 1.99	A 199.2 3.45											
17087-4242	1	F	CB	A 83882 B 83882	9.102 0.012 12.018 0.160	9.112 0.018	9.072 0.023		257.167 570 38 257.162 891 49	-42.694 714 25 -42.693 414 56	4.25 4.25	-2.70 -4.69 -2.70 -4.69	2.64 1.47 2.46 2.75 1.43 50.35 29.43 2.46 2.75 1.43	A 290.7 13.23											
17087-4955	1	F	ND	A 83883 B 83883	9.418 0.014 12.327 0.193	9.678 0.028	9.382 0.031		257.168 105 51 257.168 509 83	-49.911 418 71 -49.911 787 78	9.22 9.22	1.51 -21.41 1.51 -21.41	2.19 1.80 2.11 3.06 2.09 51.43 41.64 2.11 3.06 2.09	A 145 1.63											
17089-5034	1	F	CA	A 83902 B 83902	9.012 0.009 11.087 0.060				257.220 340 47 257.220 553 82	-50.564 507 74 -50.564 584 07	4.45 4.45	-0.22 -11.86 -0.22 -11.86	2.25 1.70 2.04 2.33 1.69 18.48 13.80 2.04 2.33 1.69	A 119 0.56											



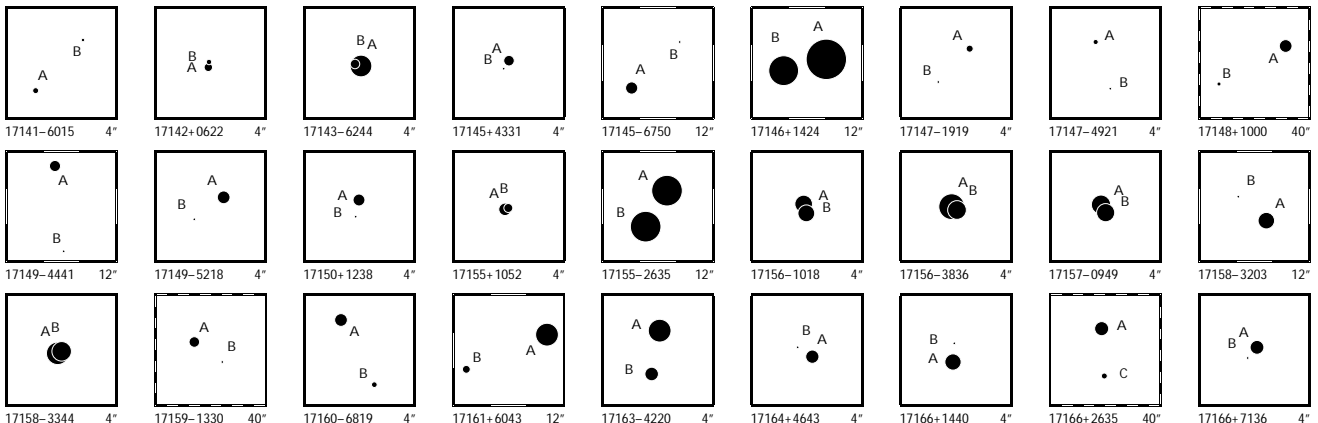
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17093-2954	1	FCC	B 83931 A 83931	8.790 0.241 9.496 0.462								257.336 965 96 257.336 920 50	-29.900 501 98 -29.900 493 78	8.56 8.56	23.16 23.16	-11.31 -11.31	17.26 3.80 1.11 1.08 0.64 29.01 10.67 1.11 1.08 0.64	B 282 0.14								
17094+1901	1	FCA	A 83936 B 83936	10.049 0.010 11.366 0.032	10.488 0.028 11.456 0.076	9.887 0.025 10.733 0.062						257.349 371 84 257.348 982 61	+19.016 195 48 +19.015 390 69	2.14 2.14	-3.96 -3.96	-6.10 -6.10	1.87 2.18 2.72 2.39 2.45 8.12 8.59 2.72 2.39 2.45	A 204.6 3.19								
17094-3445	1	FFD	D A 83935 B 83935	8.240 0.174 9.175 0.411								257.344 821 15 257.344 802 94	-34.754 620 43 -34.754 593 73	1.98 1.98	-1.63 -1.63	-1.24 -1.24	12.72 11.95 0.98 0.98 0.69 27.07 16.10 0.98 0.98 0.69	A 331 0.11								
17094-3716	1	FCB	A 83937 B 83937	10.049 0.252 11.708 1.163								257.352 553 35 257.352 597 45	-37.263 218 82 -37.263 247 82	0.78 0.78	-0.15 -0.15	-2.27 -2.27	18.25 10.78 1.46 1.57 1.05 86.53 73.09 1.46 1.57 1.05	A 130 0.16								
17096+0356	1	FCA	A 83948 B 83948	8.708 0.005 9.007 0.006								257.390 811 71 257.390 867 35	+3.932 442 54 +3.932 595 72	4.85 4.85	-28.46 -28.46	-49.75 -49.75	2.44 2.29 2.54 2.95 2.96 3.68 2.83 2.54 2.95 2.96	A 19.9 0.587								
17097+3021	1	ICA	A 83954 B 83955	8.468 0.008 9.742 0.019	8.770 0.010 10.107 0.022	8.368 0.010 9.646 0.023						257.427 668 46 257.427 932 45	+30.354 079 98 +30.347 342 15	4.96 11.12	-7.56 -10.54	7.13 14.25	1.45 1.85 1.73 1.38 1.90 5.57 7.53 5.38 4.07 5.71	A 178.06 24.27 +0.01 -0.01								
17097-5420	1	FND	D A 83960 B 83960	8.423 0.013 11.964 0.322	9.530 0.023 10.384 0.016							257.433 090 90 257.435 859 13	-54.335 102 88 -54.331 403 42	2.40 2.40	-86.93 -86.93	-11.91 -11.91	1.93 1.96 2.52 2.55 2.04 75.92 66.74 2.52 2.55 2.04	A 23.6 14.53								
17098+3849	1	FCC	A 83968 B 83968	9.895 0.011 13.387 0.262	10.637 0.035 9.855 0.027							257.460 018 05 257.461 202 71	+38.810 872 59 +38.810 875 02	11.63 11.63	15.73 15.73	-150.86 -150.86	1.59 1.63 1.75 1.61 1.87 63.99 64.72 1.75 1.61 1.87	A 90 3.32								
17098-5240	1	FCA	A 83964 B 83964	9.942 0.011 10.251 0.014								257.451 099 14 257.451 242 04	-52.663 366 08 -52.663 535 71	9.57 9.57	16.51 16.51	-16.99 -16.99	5.49 5.67 3.81 5.94 5.73 9.39 7.08 3.81 5.94 5.73	A 153 0.69								
17100-1801	1	FCA	B 83978 A 83978	9.669 0.031 10.005 0.042								257.503 038 41 257.502 913 63	-18.015 438 26 -18.015 422 36	8.21 8.21	-6.84 -6.84	-20.16 -20.16	5.04 2.09 3.25 3.51 1.68 8.27 4.07 3.25 3.51 1.68	B 278 0.43								
17102+5430	1	ICA	A 83988 B 83996	9.068 0.042 9.466 0.054	10.343 0.036 10.879 0.064	8.923 0.019 9.425 0.029						257.543 439 00 257.551 123 57	+54.494 645 98 +54.490 395 23	47.14 47.86	86.06 87.93	-104.87 -105.06	2.21 2.45 1.88 2.20 2.89 12.32 12.16 3.11 3.53 4.55	A 133.60 22.189 0.00 +0.001								
17102-0046	1	FCA	A 83991 B 83991	7.794 0.004 9.974 0.027								257.543 140 03 257.542 874 71	-0.760 168 47 -0.760 204 86	4.61 4.61	1.58 1.58	-0.36 -0.36	1.35 1.16 1.36 1.52 1.28 8.46 6.56 1.36 1.52 1.28	A 262.2 0.96								
17102-1926	1	FCA	A 83998 B 83998	7.179 0.092 8.707 0.376								257.562 229 29 257.562 277 65	-19.436 260 06 -19.436 273 46	1.49 1.49	-0.05 -0.05	-1.94 -1.94	7.10 2.69 0.89 1.02 0.67 41.03 18.89 0.89 1.02 0.67	A 106 0.17								
17103+5403	1	FND	D A 84003 B 84003	9.599 0.016 13.094 0.386								257.572 053 30 257.571 989 09	+54.050 476 64 +54.050 578 67	3.24 3.24	-3.85 -3.85	16.57 16.57	1.32 1.63 1.19 1.15 1.43 60.88 76.51 1.19 1.15 1.43	A 340 0.39								
17103-4644	1	FCA	A 84010 B 84010	7.010 0.005 8.541 0.019	7.195 0.008 8.684 0.021	6.965 0.007 8.424 0.023						257.586 827 97 257.587 553 38	-46.738 398 68 -46.740 610 32	1.46 1.46	1.48 1.48	-4.80 -4.80	1.19 0.88 1.24 1.20 0.90 5.93 4.07 1.24 1.20 0.90	A 167.33 8.161								
17103-7523	1	FCA	A 84001 B 84001	7.603 0.004 9.328 0.019	7.946 0.007 9.836 0.024	7.532 0.008 9.131 0.020						257.568 122 03 257.567 288 08	-75.376 596 92 -75.378 459 72	12.56 12.56	-0.68 -0.68	21.78 21.78	0.80 0.99 1.13 0.87 1.11 4.84 5.60 1.13 0.87 1.11	A 186.45 6.75								
17104-1544	1	LCA	A 84012 B 84012	2.966 0.004 3.478 0.006								257.594 426 59 257.594 299 46	-15.725 147 57 -15.725 189 66	38.77 38.77	41.16 30.19	97.65 88.18	1.12 0.67 0.86 1.13 0.65 2.81 1.71 0.86 2.12 1.41	A 251.0 0.466 -0.7 +0.013								
17105-1343	1	FCB	A 84023 B 84023	10.219 0.334 10.618 0.483								257.636 448 69 257.636 455 60	-13.715 969 08 -13.715 926 36	2.44 2.44	9.71 9.71	-5.06 -5.06	9.78 36.22 1.68 1.64 1.02 13.66 17.12 1.68 1.64 1.02	A 9 0.16								
17105-2241	1	FCB	A 84019 B 84019	10.218 0.013 12.933 0.153	10.746 0.067 10.180 0.066							257.625 236 35 257.625 187 74	-22.688 719 86 -22.688 085 46	9.04 9.04	-100.28 -100.28	-45.40 -45.40	2.90 1.60 2.77 2.78 1.50 48.74 28.87 2.77 2.78 1.50	A 356 2.29								
17107-7424	1	FCA	A 84035 B 84035	9.056 0.007 11.428 0.060	9.631 0.014 8.919 0.012							257.688 676 63 257.688 039 90	-74.408 793 72 -74.408 507 23	12.16 12.16	-70.60 -70.60	-151.93 -151.93	1.21 1.55 1.75 1.23 1.74 13.49 23.15 1.75 1.23 1.74	A 329 1.20								
17110+0302	1	FCA	A 84052 B 84052	9.120 0.004 11.541 0.036								257.748 595 74 257.748 528 91	+3.038 859 77 +3.038 626 39	3.72 3.72	-9.26 -9.26	-2.77 -2.77	1.74 1.55 1.72 2.07 1.82 11.64 10.29 1.72 2.07 1.82	A 196 0.87								
17112-4416	1	FCA	A 84066 B 84066	9.483 0.007 11.818 0.055	10.805 0.059 9.430 0.029							257.797 749 68 257.799 347 42	-44.268 796 15 -44.269 850 75	0.06 0.06	-9.00 -9.00	-9.90 -9.90	2.11 1.35 2.05 2.61 1.31 21.63 12.63 2.05 2.61 1.31	A 132.7 5.60								
17112-5156	1	FCA	A 84067 B 84067	8.801 0.029 9.543 0.058								257.798 277 27 257.798 150 64	-51.937 033 32 -51.936 994 54	6.06 6.06	-20.15 -20.15	-58.51 -58.51	4.52 2.65 1.28 1.41 0.98 9.03 5.71 1.28 1.41 0.98	A 296 0.31								
17113-4611	1	FCA	A 84073 B 84073	8.147 0.202 8.500 0.280								257.825 625 39 257.825 687 87	-46.182 114 21 -46.182 117 55	1.36 1.36	-0.99 -0.99	-5.11 -5.11	15.79 3.17 1.00 0.99 0.75 19.22 4.24 1.00 0.99 0.75	A 94 0.16								
17114-3825	1	ICB	A 84087 B 84084	9.282 0.022 12.613 0.403	11.553 0.117 9.376 0.028							257.858 314 48 257.852 535 34	-38.411 645 49 -38.409 580 29	1.68 54.25	7.36 101.97	-2.48 31.97	3.83 2.66 3.14 4.17 2.53 198.43 124.49 56.24 82.21 48.06	A 294.5 17.92 +0.2 -0.07								
17115-0956	1	FCB	A 84094 B 84094	8.439 0.018 11.396 0.275								257.880 838 90 257.880 843 29	-9.927 574 75 -9.927 496 54	3.87 3.87	-5.87 -5.87	0.31 0.31	3.27 2.78 2.28 2.34 1.25 45.23 36.41 2.28 2.34 1.25	A 3 0.28								
17115-1630	1	FCB	B 84092 A 84092	8.119 0.255 8.613 0.402								257.873 239 20 257.873 249 60	-16.491 877 19 -16.491 901 14	10.33 10.33	-13.64 -13.64	-4.65 -4.65	11.47 12.50 1.02 0.99 0.61 16.77 13.23 1.02 0.99 0.61	B 157 0.09								



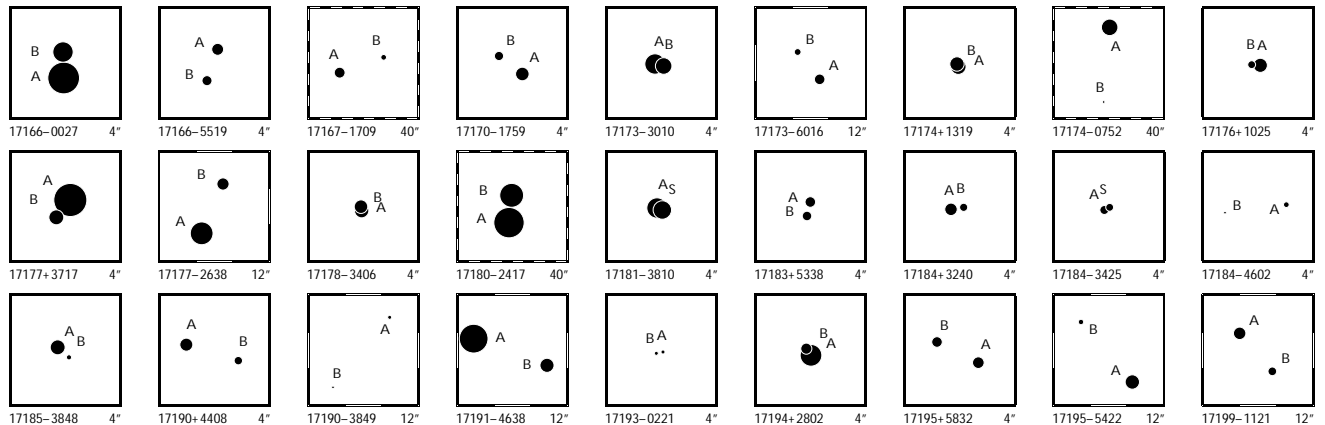
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H_p	σ	B_T	σ	V_T	σ		α	δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	$d\theta/dt$	dp/dt					
1	2	3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17115-6839	1	F CA	A 84090 B 84090	8.110 0.004 11.689 0.106		8.222 0.006 8.062 0.007			257.872 357 87 257.871 318 51	-68.643 159 66 -68.643 700 18	5.41 5.41	-17.59 -17.59	-30.82 -30.82	0.65 0.80 1.06 0.76 0.88 17.16 25.37 1.06 0.76 0.88										A 215.0	2.38			
17116+3915	1	F NB	G A 84100 B 84100 C 84102	9.159 0.020 9.306 0.022 10.602 0.080			11.086 0.063 10.585 0.066		257.895 220 92 257.895 252 76 257.900 329 54	+39.258 708 98 +39.258 819 86 +39.257 126 93	6.13 6.13 6.13	-57.82 -57.82 -57.82	3.31 3.31 3.31	1.65 2.21 1.53 1.27 1.79 3.37 3.76 1.53 1.27 1.79 13.42 14.36 1.53 1.27 1.79										A 13 A 111.8	0.409 15.34			
17116-2643	1	F CA	A 84103 B 84103	8.101 0.005 9.208 0.013					257.903 207 84 257.903 263 79	-26.702 452 34 -26.702 703 21	3.11 3.11	-12.75 -12.75	-24.39 -24.39	1.62 0.96 1.57 1.78 0.92 5.03 3.08 1.57 1.78 0.92										A 168.7	0.921			
17117+4945	1	F CA	A 84108 B 84108	6.224 0.003 9.789 0.073		6.346 0.003 6.178 0.004 10.158 0.051 9.346 0.039			257.917 731 33 257.919 721 00	+49.746 311 51 +49.745 793 22	10.33 10.33	19.31 19.31	18.70 18.70	0.54 0.56 0.54 0.54 0.60 16.49 15.64 0.54 0.54 0.60										A 112.0	4.99			
17118-2626	1	F CA	P A 84114 B 84114	10.120 0.123 10.280 0.142					257.947 992 56 257.947 995 76	-26.439 344 04 -26.439 298 83	2.79 2.79	-0.28 -0.28	-9.91 -9.91	7.06 10.19 1.32 1.32 0.74 8.14 10.43 1.32 1.32 0.74										A 4	0.16			
17118-4200	1	F CB	A 84117 B 84117	9.042 0.009 11.997 0.125		9.446 0.020 8.962 0.020			257.957 806 17 257.959 814 64	-41.997 955 31 -41.995 403 52	7.62 7.62	-15.82 -15.82	-33.55 -33.55	2.29 1.38 2.28 2.37 1.32 61.80 28.93 2.28 2.37 1.32										A 30.3	10.64			
17120-3337	1	F CA	A 84134 B 84134	9.336 0.040 10.005 0.075					257.998 806 10 257.998 898 33	-33.610 002 57 -33.610 037 54	2.64 2.64	4.05 4.05	-4.15 -4.15	5.29 2.70 1.59 1.75 1.18 9.96 5.11 1.59 1.75 1.18										A 114	0.30			
17121+2113	1	L CA	A 84137 B 84137	7.636 0.005 9.225 0.020		9.087 0.010 7.589 0.006 10.294 0.029 9.073 0.017			258.025 240 02 258.024 775 48	+21.228 994 59 +21.226 736 84	6.26 6.26	21.83 -0.77	1.62 -11.09	0.95 1.05 1.33 1.04 1.10 5.02 5.25 1.33 5.08 4.31										A 190.86	8.276	+0.14	+0.017	
17121+2515	1	F CA	A 84138 B 84138	8.667 0.004 11.485 0.056					258.027 446 80 258.027 337 37	+25.248 953 57 +25.249 182 09	13.34 13.34	-6.58 -6.58	78.84 78.84	0.79 1.08 1.41 0.90 1.20 12.57 16.52 1.41 0.90 1.20										A 337	0.90			
17121+4540	1	L NC	A 84140 B 84140	10.018 0.078 10.250 0.096					258.031 746 36 258.031 673 16	+45.669 842 47 +45.669 935 53	158.17 158.17	325.96 217.39	-1591.73 -1620.25	5.13 6.09 3.26 6.83 5.12 14.65 13.23 3.26 10.57 7.80										A 331	0.38	-16	+0.03	
17122-2703	1	F CA	A 84144 B 84144	6.976 0.003 9.668 0.029		8.088 0.011 6.872 0.008			258.045 702 54 258.046 201 20	-27.042 151 68 -27.041 944 08	7.04 7.04	-51.40 -51.40	-85.28 -85.28	0.96 0.61 0.95 0.97 0.56 11.24 6.22 0.95 0.97 0.56										A 64.9	1.76			
17123-5523	1	F CB	A 84157 B 84157	9.159 0.014 12.354 0.244		9.578 0.023 9.115 0.023			258.083 090 32 258.088 383 34	-55.389 297 36 -55.391 500 92	3.59 3.59	-1.77 -1.77	-32.57 -32.57	1.95 1.59 2.08 2.05 1.56 71.59 58.67 2.08 2.05 1.56										A 126.2	13.42			
17124-6500	1	F ND	D A 84174 B 84174	8.921 0.011 12.755 0.361		9.373 0.013 8.859 0.012			258.104 694 01 258.108 524 94	-64.994 172 80 -64.990 050 57	7.67 7.67	-45.25 -45.25	4.67 4.67	1.15 1.10 1.69 1.19 1.09 90.37 81.87 1.69 1.19 1.09										A 21.5	15.94			
17125-2109	1	F CC	A 84178 B 84178	9.951 0.017 13.071 0.295		10.671 0.053 9.902 0.043			258.119 536 16 258.122 698 11	-21.142 866 35 -21.141 636 14	6.30 6.30	19.06 19.06	-37.92 -37.92	3.00 1.74 2.95 3.40 1.79 86.22 43.41 2.95 3.40 1.79										A 67.4	11.50			
17126-2516	1	F CA	A 84186 B 84186	9.217 0.007 11.405 0.048					258.137 648 69 258.137 541 76	-25.265 214 35 -25.265 061 11	5.73 5.73	11.48 11.48	6.17 6.17	2.34 1.45 2.42 2.57 1.41 23.56 11.28 2.42 2.57 1.41										A 328	0.65			
17129+2309	1	F CA	A 84215 B 84215	10.655 0.012 11.278 0.021		10.445 0.040 9.814 0.028 10.582 0.082 9.897 0.057			258.221 619 56 258.221 629 33	+23.142 714 89 +23.143 232 37	3.08 3.08	4.97 4.97	-21.97 -21.97	2.56 3.80 4.91 2.80 5.90 5.87 10.37 4.91 2.80 5.90										A 1.0	1.86			
17130+0745	1	F CA	A 84230 B 84230	7.150 0.006 8.940 0.029					258.247 086 19 258.246 978 48	+7.749 314 32 +7.749 284 66	11.06 11.06	-20.46 -20.46	22.51 22.51	1.61 1.15 1.21 1.31 0.88 8.51 6.95 1.21 1.31 0.88										A 254	0.40			
17130-3215	1	F CA	D A 84228 B 84228 C 84228	8.777 0.013 11.794 0.147 12.032 0.196		8.795 0.013 8.724 0.017 11.107 0.107 11.107 0.199			258.244 858 69 258.247 950 30 258.243 935 40	-32.242 656 00 -32.242 674 38 -32.242 517 50	1.65 1.65 1.65	2.77 2.77 2.77	-0.85 -0.85 -0.85	2.02 1.17 1.99 1.98 1.08 21.79 14.60 1.99 1.98 1.08 31.49 22.86 1.99 1.98 1.08										A 90.4 A 280.1	9.41 2.86			
17130-5836	1	F CA	A 84229 B 84229	7.061 0.003 9.142 0.017		7.397 0.006 7.029 0.007 9.559 0.033 8.819 0.017			258.246 722 53 258.245 716 17	-58.596 760 79 -58.596 090 82	17.73 17.73	-59.48 -59.48	-92.36 -92.36	0.83 0.72 1.04 1.02 0.80 6.53 5.84 1.04 1.02 0.80										A 321.9	3.06			
17131+3636	1	F CB	A 84235 B 84235	10.491 0.393 11.111 0.695					258.275 224 42 258.275 167 19	+36.607 035 05 +36.607 036 66	3.55 3.55	7.33 7.33	-41.36 -41.36	23.45 12.85 1.22 1.10 1.16 66.38 22.38 1.22 1.10 1.16										A 272	0.17			
17136+1716	1	F CA	A 84274 S 84274	10.472 0.065 10.734 0.083					258.412 103 07 258.412 041 69	+17.274 167 09 +17.274 191 57	5.81 5.81	2.04 2.04	23.66 23.66	8.10 7.51 2.18 1.91 1.96 8.95 6.37 2.18 1.91 1.96										A 293	0.23			
17136-0917	1	F CA	A 84271 B 84271	7.676 0.006 10.286 0.064		7.833 0.009 7.598 0.012			258.405 668 42 258.405 534 41	-9.283 813 68 -9.283 409 28	11.14 11.14	-8.68 -8.68	-15.24 -15.24	2.04 1.02 2.11 1.60 1.02 17.09 12.01 2.11 1.60 1.02										A 342	1.53			
17136-2330	1	F CC	A 84272 B 84272	9.658 0.122 11.524 0.681					258.407 290 79 258.407 296 29	-23.500 787 53 -23.500 741 05	1.58 1.58	-6.09 -6.09	-1.42 -1.42	6.16 9.23 1.50 2.07 0.88 33.49 55.11 1.50 2.07 0.88										A 6	0.17			
17139+1557	1	F CA	A 84289 B 84289	9.234 0.008 10.224 0.018		9.336 0.014 9.097 0.016 10.380 0.036 10.035 0.043			258.473 638 04 258.474 332 97	+15.950 871 81 +15.949 958 41	1.80 1.80	-11.53 -11.53	-0.13 -0.13	1.55 1.62 2.52 1.84 1.68 4.95 5.22 2.52 1.84 1.68										A 143.8	4.07			
17139-3818	1	F CA	A 84290 B 84290	6.967 0.004 8.956 0.022		7.379 0.007 6.926 0.007 9.372 0.027 8.731 0.025			258.474 851 85 258.475 387 73	-38.294 904 06 -38.295 527 95	8.78 8.78	39.53 39.53	-14.56 -14.56	1.04 0.73 1.05 1.20 0.70 6.97 5.09 1.05 1.20 0.70										A 146.0	2.71			
17141+5608	1	L CA	A 84300 B 84300	8.515 0.010 8.793 0.013					258.528 536 72 258.528 413 28	+56.133 763 33 +56.133 843 58	10.74 10.74	-17.27 -16.65	11.77 22.36	1.87 1.99 1.28 1.48 1.64 3.08 2.90 1.28 2.29 2.27										A 319.4	0.381	+1.1	+0.008	
17141-0824	1	F CB	A 84303 B 84303	8.682 0.009 11.689 0.140		9.644 0.025 8.608 0.017			258.533 881 15 258.534 286 50	-8.404 013 23 -8.403 907 68	34.27 34.27	-101.75 -101.75	69.82 69.82	2.09 1.39 2.01 2.80 1.79 42.04 25.26 2.01 2.80 1.79										A 75	1.49			



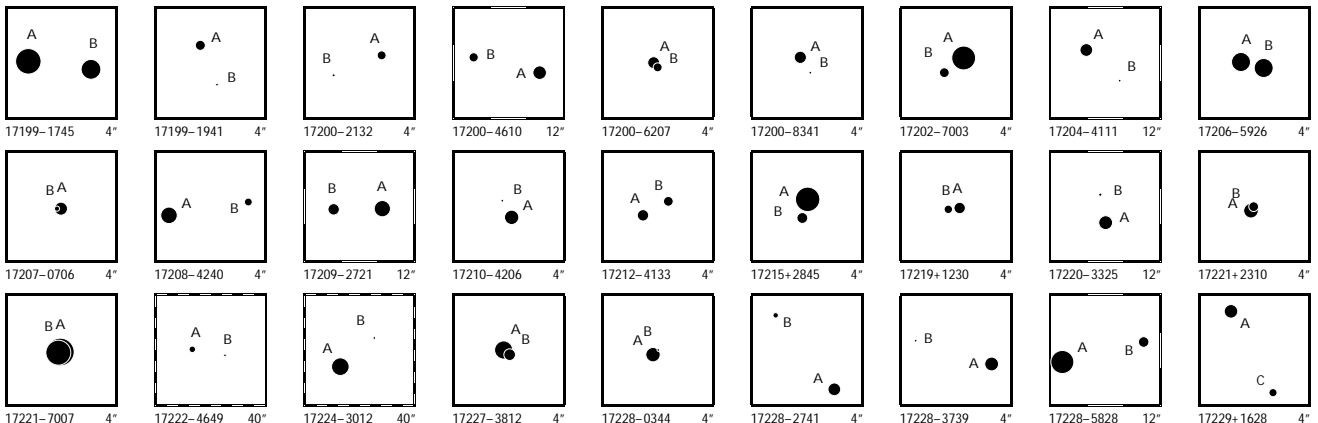
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17141-6015	1	FFD	W	A 84301 B 84301	10.663 0.030 11.204 0.050	11.769 0.103	10.485 0.052	258.529 687 31 258.528 719 34	-60.243 835 39 -60.243 312 37	13.08 13.08	-11.67 -119.95 -11.67 -119.95	6.21 6.23 9.03 5.86 5.68 20.50 15.92 9.03 5.86 5.68	A 317.4	2.56												
17142+0622	1	FCA	A	84312	10.141 0.081 10.777 0.146			258.559 082 92 258.559 077 09	+6.366 311 35 +6.366 367 05	3.53 3.53	-3.21 -10.58 -3.21 -10.58	5.06 8.27 2.14 1.91 1.38 10.82 13.46 2.14 1.91 1.38	A 354	0.20												
17143-6244	1	FCA	A	84317 B 84317	7.211 0.026 9.895 0.302			258.567 171 26 258.567 299 62	-62.734 356 61 -62.734 332 65	2.92 2.92	-7.21 -16.58 -7.21 -16.58	3.72 2.34 1.03 0.81 0.72 25.15 21.88 1.03 0.81 0.72	A 68	0.23												
17145+4331	1	FCC	A	84333 B 84333	9.677 0.027 12.697 0.437			258.621 613 41 258.621 695 79	+43.511 832 59 +43.511 751 22	3.51 3.51	0.91 -5.62 0.91 -5.62	5.35 5.86 3.02 2.97 3.25 67.72 79.82 3.02 2.97 3.25	A 144	0.36												
17145-6750	1	FCA	A	84336 B 84336	9.290 0.008 12.266 0.112	9.317 0.013	9.263 0.017	258.626 797 37 258.622 832 91	-67.837 654 44 -67.836 257 06	2.35 2.35	-4.77 -13.36 -4.77 -13.36	1.16 1.48 1.97 1.34 1.63 27.97 34.88 1.97 1.34 1.63	A 313.1	7.37												
17146+1424	1	FFD	D	A 84345 B 84345	3.033 0.024 5.372 0.129	5.029 0.029	3.510 0.037	258.661 926 87 258.663 270 26	+14.390 253 14 +14.389 914 45	8.53 8.53	-6.71 32.78 -6.71 32.78	2.43 1.86 2.80 1.87 2.02 36.13 35.04 2.80 1.87 2.02	A 104.6	4.84												
17147-1919	1	FCA	A	84344 B 84344	10.469 0.014 11.787 0.044	10.972 0.069	10.264 0.061	258.663 464 59 258.663 796 41	-19.309 184 27 -19.309 524 80	0.90 0.90	7.61 -24.48 7.61 -24.48	3.49 2.15 3.80 3.62 2.14 19.82 10.18 3.80 3.62 2.14	A 137	1.67												
17147-4921	1	FCA	A	84348 B 84348	10.876 0.018 11.376 0.029	12.690 0.523	10.508 0.100	258.675 287 54 258.675 050 49	-49.347 037 75 -49.347 510 68	4.32 4.32	0.21 -5.61 0.21 -5.61	5.79 4.01 5.49 6.15 3.70 17.60 10.59 5.49 6.15 3.70	A 198	1.79												
17148+1000	1	IND	D	A 84360 B 84363	9.186 0.009 11.104 0.037	9.723 0.026	9.092 0.023	258.708 328 40 258.715 334 93	+9.993 727 98 +9.989 823 79	1.46 9.46	8.58 -22.13 10.05 -19.84	2.74 2.17 2.40 2.43 1.99 15.38 12.53 9.94 9.93 7.85	A 119.50	28.54	-0.01	0.00										
17149-4441	1	FCB	A	84368 B 84368	9.569 0.016 12.336 0.198	10.527 0.046	9.556 0.031	258.728 377 97 258.727 984 36	-44.682 620 95 -44.685 241 85	0.46 0.46	-3.11 -2.30 -3.11 -2.30	3.20 1.99 3.21 3.46 1.94 59.96 38.30 3.21 3.46 1.94	A 186.1	9.49												
17149-5218	1	FCA	A	84365 B 84365	9.165 0.008 11.562 0.070	9.611 0.025	9.061 0.024	258.715 395 43 258.715 890 43	-52.306 512 16 -52.306 739 04	8.10 8.10	-1.20 -39.29 -1.20 -39.29	1.63 1.13 1.59 1.61 1.07 18.50 12.24 1.59 1.61 1.07	A 127	1.36												
17150+1238	1	FCB	A	84376 B 84376	9.331 0.007 12.705 0.139			258.744 912 59 258.744 947 47	+12.625 458 77 +12.625 283 15	3.04 3.04	-3.30 5.37 -3.30 5.37	1.42 1.30 1.79 1.29 1.22 36.09 31.83 1.79 1.29 1.22	A 169	0.64												
17155+1052	1	FCA	A	84417 B 84417	9.239 0.192 10.035 0.401			258.870 583 18 258.870 544 61	+10.860 553 64 +10.860 569 38	13.08 13.08	-65.26 -225.35 -65.26 -225.35	13.27 5.80 1.30 1.28 0.98 26.05 15.10 1.30 1.28 0.98	A 293	0.15												
17155-2635	1	LCA	D	A 84405 B 84405	5.212 0.007 5.223 0.007	6.109 0.019	5.110 0.008	258.838 696 98 258.837 957 01	-26.600 048 96 -26.598 911 86	167.08 167.08	-473.69 -1143.93 -506.38 -1150.30	1.22 0.70 1.07 1.04 0.62 2.45 1.76 1.07 1.01 0.95	B 329.81	4.736	-0.38	+0.011										
17156-1018	1	LCA	A	84423 B 84423	8.109 0.009 8.268 0.010			258.894 421 69 258.894 393 12	-10.297 495 06 -10.297 588 40	9.72 9.72	-7.81 18.22 -1.30 25.17	2.01 1.61 1.55 1.61 1.21 2.80 2.02 1.55 1.84 1.44	A 196.8	0.351	-0.7	-0.009										
17156-3836	1	FCA	A	84425 B 84425	6.297 0.037 7.883 0.161			258.900 335 99 258.900 272 23	-38.592 944 84 -38.592 978 41	32.60 32.60	-169.82 -388.80 -169.82 -388.80	8.17 7.26 1.70 1.77 1.06 39.68 34.24 1.70 1.77 1.06	A 236	0.22												
17157-0949	1	LCA	A	84430 B 84430	7.710 0.015 7.978 0.019			258.921 165 06 258.921 116 40	-9.808 768 27 -9.808 848 32	5.71 5.71	6.11 -15.87 18.78 -19.08	2.06 2.32 1.30 1.54 1.08 2.88 3.03 1.30 1.95 1.39	A 210.9	0.336	-2.1	-0.004										
17158-3203	1	FCB	A	84437 B 84437	8.313 0.004 11.929 0.107	8.402 0.013	8.298 0.016	258.942 060 27 258.943 055 52	-32.044 408 18 -32.043 669 47	1.30 1.30	1.66 -4.14 1.66 -4.14	1.50 0.81 1.49 1.48 0.76 72.24 27.47 1.49 1.48 0.76	A 49	4.04												
17158-3344	1	FCA	A	84444 B 84444	7.038 0.075 7.652 0.132			258.961 477 89 258.961 420 66	-33.737 008 34 -33.736 988 09	0.61 0.61	0.49 -1.52 0.49 -1.52	6.94 3.30 0.74 0.66 0.41 10.28 4.95 0.74 0.66 0.41	A 293	0.19												
17159-1330	1	FFD	D	A 84451 B 84451	9.682 0.024 11.744 0.159	10.005 0.031	9.629 0.034	258.984 539 88 258.981 576 42	-13.494 170 98 -13.496 148 79	-0.06 -0.06	6.11 -8.41 6.11 -8.41	4.24 2.83 4.16 4.13 2.95 50.44 33.86 4.16 4.13 2.95	A 235.5	12.58												
17160-6819	1	FCA	A	84462 B 84462	9.189 0.007 10.762 0.028	9.369 0.013	9.026 0.014	259.012 064 08 259.011 142 58	-68.321 682 26 -68.322 340 43	1.44 1.44	-1.87 -16.85 -1.87 -16.85	1.18 1.45 1.90 1.23 1.57 6.67 8.46 1.90 1.23 1.57	A 207.3	2.67												
17161+6043	1	FCA	A	84465 B 84465	6.986 0.005 10.262 0.082	7.323 0.007	6.932 0.006	259.020 352 91 259.025 495 97	+60.713 812 95 +60.712 764 91	5.33 5.33	6.04 38.54 6.04 38.54	0.70 0.76 0.73 0.73 0.80 17.26 15.79 0.73 0.73 0.80	A 112.6	9.81												
17163-4220	1	FCA	A	84483 B 84483	6.962 0.006 9.004 0.039	6.969 0.010	6.910 0.013	259.073 271 64 259.073 376 22	-42.339 033 40 -42.339 485 32	1.34 1.34	-5.39 -0.17 -5.39 -0.17	1.33 0.91 1.32 1.26 0.89 8.94 5.76 1.32 1.26 0.89	A 170.3	1.65												
17164+4643	1	FCA	A	84492 B 84492	9.066 0.007 12.199 0.115			259.101 802 45 259.102 023 46	+46.720 827 55 +46.720 920 63	4.36 4.36	12.90 -6.11 12.90 -6.11	1.20 1.11 1.12 1.24 1.21 21.64 21.93 1.12 1.24 1.21	A 58	0.64												
17166+1440	1	FCC	A	84506 B 84506	8.427 0.009 12.377 0.326			259.138 204 64 259.138 185 00	+14.674 215 20 +14.674 406 24	11.39 11.39	14.76 -82.35 14.76 -82.35	1.43 1.35 1.77 1.17 1.40 54.76 57.74 1.77 1.17 1.40	A 354	0.69												
17166+2635	1	INB	D	A 84513 C 84512	8.904 0.018 10.707 0.083	9.590 0.017	8.844 0.014	259.152 162 25 259.151 840 84	+26.579 794 97 +26.574 914 61	2.49 10.77	-19.00 1.73 -43.28 -38.61	1.93 2.46 2.63 2.06 3.38 19.21 24.79 18.00 13.57 23.34	A 183.37	17.60	+0.07	+0.04										
17166+7136	1	FCA	A	84516 B 84516	8.919 0.005 12.187 0.089			259.156 668 67 259.156 994 04	+71.601 667 40 +71.601 557 78	3.97 3.97	-5.65 13.72 -5.65 13.72	1.10 1.11 0.93 0.93 1.05 25.52 28.48 0.93 0.93 1.05	A 137	0.54												



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
17166-0027	1	F CA	A 84514 B 84514	4.996 7.474	0.002 0.019						259.152 940 04 259.152 938 96	-0.445 141 92 -0.444 871 59	14.97 14.97	-33.09 -33.09	-63.92 -63.92	0.77 6.81	0.64 5.26	0.72 0.72	0.90 0.90	0.65 0.65	A	359.8	0.97			
17166-5519	1	F CA	A 84508 B 84508	9.349 9.785	0.006 0.009	9.683	0.020	9.008	0.018		259.144 330 54 259.144 509 95	-55.310 471 71 -55.310 795 97	6.45 6.45	5.01 5.01	4.45 4.45	4.08 10.29	3.14 11.14	4.21 4.21	4.41 4.41	2.59 2.59	A	162.5	1.22			
17167-1709	1	I CA	A 84523 B 84522	9.599 10.754	0.033 0.059	10.892	0.080	9.524	0.039	10.810	0.067	10.396	0.081	7.60 10.62	21.69 -10.49	-15.39 -8.36	5.16 25.42	3.59 15.65	4.22 11.47	6.27 22.91	3.81 11.89	A	289.26	17.21	-0.01	+0.03
17170-1759	1	F CA	A 84545 B 84545	9.017 9.977	0.010 0.024						259.252 395 81 259.252 640 17	-17.979 076 71 -17.978 890 72	2.72 2.72	5.39 5.39	2.53 2.53	2.36 9.26	1.59 6.77	2.06 2.06	2.50 2.50	1.66 1.66	A	51.3	1.07			
17173-3010	1	F CA	A 84576 B 84576	7.518 8.343	0.018 0.039						259.335 660 14 259.335 556 98	-30.164 431 00 -30.164 453 91	6.15 6.15	-25.34 -25.34	-7.54 -7.54	3.50 8.57	1.46 4.03	1.35 1.35	1.27 1.27	0.65 0.65	A	256	0.33			
17173-6016	1	F CA	A 84567 B 84567	9.632 10.493	0.012 0.027	10.601	0.035	9.401	0.020	10.684	0.043	10.242	0.048	3.23 3.23	-6.38 -6.38	-22.42 -22.42	2.52 8.40	2.02 5.77	2.76 2.76	2.72 2.72	1.95 1.95	A	39.6	3.95		
17174+1319	1	F ND	D A 84584 B 84584	8.561 8.793	0.249 0.308						259.350 416 93 259.350 432 03	+13.310 213 57 +13.310 241 10	4.48 4.48	-2.49 -2.49	-15.04 -15.04	6.85 9.13	11.22 15.66	0.98 0.98	0.80 0.80	0.81 0.81	A	28	0.11			
17174-0752	1	I ND	D A 84582 B 84581	8.346 11.620	0.016 0.239	10.384	0.045	8.411	0.017		259.347 083 15 259.347 732 32	-7.869 179 84 -7.876 836 35	2.36 100.89	-17.88 104.16	5.31 168.46	3.15 81.32	2.12 43.98	2.71 43.18	3.12 50.87	1.99 25.95	A	175.2	27.66	-0.3	-0.15	
17176+1025	1	F CA	A 84595 B 84595	8.858 10.251	0.030 0.107						259.394 470 26 259.394 557 12	+10.416 462 68 +10.416 469 18	12.03 12.03	24.94 24.94	-41.15 -41.15	4.09 13.09	1.58 6.22	1.50 1.50	1.44 1.44	1.16 1.16	A	86	0.31			
17177+3717	1	F CB	A 84606 B 84606	4.657 8.678	0.002 0.076						259.417 857 75 259.418 044 88	+37.291 343 28 +37.291 162 10	18.34 18.34	-42.74 -42.74	63.76 63.76	0.48 14.53	0.54 21.10	0.55 0.55	0.47 0.47	0.56 0.56	A	141	0.84			
17177-2638	1	F CA	A 84605 B 84605	6.944 9.301	0.005 0.047	6.916	0.006	6.940	0.009	9.510	0.032	9.093	0.034	7.45 7.45	-4.98 -4.98	-23.59 -23.59	1.18 11.50	0.77 8.05	1.17 1.17	1.19 1.19	0.75 0.75	A	335.8	5.86		
17178-3406	1	F CA	A 84613 B 84613	8.813 9.013	0.112 0.135						259.440 940 77 259.440 954 37	-34.096 632 03 -34.096 591 48	4.05 4.05	-2.53 -2.53	-35.40 -35.40	4.34 5.61	8.08 9.16	1.09 1.09	1.07 1.07	0.54 0.54	A	16	0.15			
17180-2417	1	I CA	A 84626 B 84625	5.305 6.713	0.005 0.016	6.445	0.005	5.221	0.003	7.206	0.008	6.676	0.008	8.98 6.78	-59.49 -59.28	-7.69 -11.18	1.56 7.84	0.92 4.58	1.30 4.53	1.68 5.82	0.90 3.11	A	354.20	10.127	0.00	-0.003
17181-3810	1	F CA	A 84634 S 84634	7.509 7.906	0.052 0.075						259.522 820 34 259.522 753 68	-38.163 974 42 -38.163 996 69	4.17 4.17	-10.30 -10.30	-17.01 -17.01	5.37 7.84	3.25 5.12	0.99 0.99	1.01 1.01	0.63 0.63	A	247	0.21			
17183+5338	1	F CA	A 84645 B 84645	9.667 9.909	0.008 0.010						259.569 052 53 259.569 105 73	+53.635 032 65 +53.634 893 38	5.00 5.00	-17.84 -17.84	15.61 15.61	1.74 3.64	2.26 3.43	1.61 1.61	1.44 1.44	2.31 2.31	A	167	0.514			
17184+3240	1	F CA	A 84653 B 84653	9.263 10.197	0.008 0.018						259.592 653 86 259.592 498 24	+32.660 809 36 +32.660 829 12	5.11 5.11	-22.28 -22.28	-39.08 -39.08	1.81 4.81	1.69 5.72	1.71 1.71	1.46 1.46	1.66 1.66	A	279	0.477			
17184-3425	1	F CA	A 84655 S 84655	10.012 10.284	0.069 0.089						259.596 123 20 259.596 052 52	-34.408 508 13 -34.408 482 23	1.09 1.09	0.76 0.76	-4.33 -4.33	11.37 11.43	5.67 5.53	1.79 1.79	2.06 2.06	0.86 0.86	A	294	0.23			
17184-4602	1	L CA	A 84654 B 84654	10.767 12.154	0.018 0.060	11.162	0.089	10.714	0.098		259.595 069 20 259.595 981 69	-46.038 416 97 -46.038 507 19	9.50 9.50	-19.29 62.05	-23.81 -60.90	4.66 25.80	2.77 17.47	4.18 4.18	4.27 22.27	2.02 11.67	A	98.1	2.30	+0.6	+0.09	
17185-3848	1	F CA	A 84666 B 84666	8.698 10.841	0.006 0.043						259.630 922 63 259.630 767 31	-38.792 575 20 -38.792 676 66	10.35 10.35	-29.14 -29.14	-52.84 -52.84	1.89 13.45	1.16 8.92	1.69 1.69	2.00 2.00	1.02 1.02	A	230	0.57			
17190+4408	1	F CA	A 84715 B 84715	9.116 10.152	0.005 0.012	9.388	0.016	8.958	0.017	10.136	0.046	9.625	0.039	4.00 4.00	12.64 12.64	40.04 40.04	1.17 3.57	1.30 4.93	1.25 1.25	1.19 1.19	1.56 1.56	A	252.9	2.003		
17190-3849	1	F CB	A 84716 B 84716	11.086 13.283	0.021 0.158						259.752 180 44 259.754 392 37	-38.814 227 26 -38.816 362 80	-4.74 -4.74	-4.12 -4.12	-4.05 -4.05	5.39 90.11	2.85 34.87	5.31 5.31	6.08 6.08	2.75 2.75	A	141.1	9.88			
17191-4638	1	L CA	A 84720 B 84720	5.662 8.879	0.005 0.096						259.762 309 46 259.759 014 04	-46.636 500 10 -46.637 315 34	113.81 113.81	1035.25 972.97	109.22 137.75	1.53 54.66	0.76 19.31	1.36 1.36	1.38 29.05	0.65 9.85	A	250.2	8.66	+0.3	+0.05	
17193-0221	1	F CA	A 84741 B 84741	11.120 11.126	0.263 0.265						259.835 317 20 259.835 377 26	-2.350 018 00 -2.350 030 39	11.48 11.48	-30.52 -30.52	-0.74 -0.74	32.43 23.05	14.77 10.90	2.79 2.79	3.17 3.17	2.10 2.10	A	102	0.22			
17194+2802	1	F CA	A 84743 B 84743	7.193 9.524	0.013 0.113						259.849 478 44 259.849 533 82	+28.025 945 70 +28.026 015 48	4.74 4.74	-7.00 -7.00	-6.32 -6.32	1.67 9.78	2.13 11.18	0.87 0.87	0.74 0.74	0.81 0.81	A	35	0.31			
17195+5832	1	F CA	A 84762 B 84762	9.424 9.674	0.007 0.008	9.542	0.028	9.085	0.027	9.721	0.041	9.390	0.038	4.23 4.23	2.07 2.07	-13.71 -13.71	1.57 2.91	1.67 3.48	1.48 1.48	1.89 1.89	2.31 2.31	A	63.9	1.679		
17195-5422	1	F CA	A 84755 B 84755	8.849 10.824	0.011 0.064	9.141	0.019	8.813	0.021	11.079	0.087	10.292	0.078	7.74 7.74	-2.08 -2.08	-45.86 -45.86	1.80 12.92	1.37 10.50	1.66 1.66	1.88 1.88	1.25 1.25	A	40.7	8.66		
17199-1121	1	F CA	A 84789 B 84789	9.256 10.053	0.008 0.017	9.728	0.025	9.129	0.023	10.416	0.061	9.889	0.065	7.28 7.28	8.15 8.15	13.54 13.54	2.84 6.91	1.82 4.83	2.82 2.82	2.91 2.91	1.81 1.81	A	220.7	5.56		

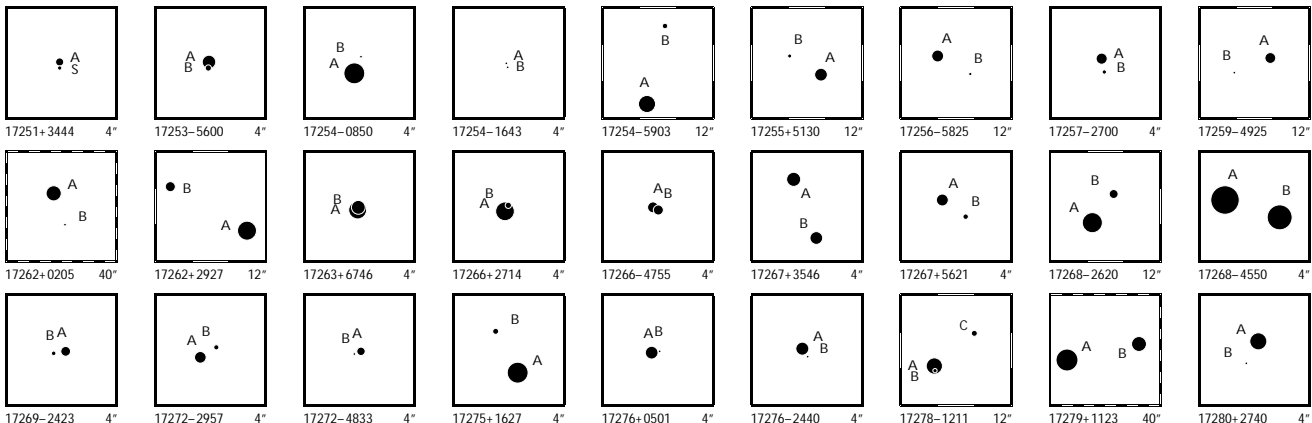


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17199-1745	1	F CA	A 84792 B 84792	6.337 0.003 7.592 0.009	6.303 0.011 7.583 0.019	6.287 0.011 7.401 0.014		259.972 301 44 259.971 624 47	-17.756 478 81 -17.756 559 04	8.74 8.74	-3.16 -3.16	-26.60 -26.60	1.26 0.88 1.24 1.29 0.85 4.32 2.93 1.24 1.29 0.85	A 262.9 A 202	2.339 1.58											
17199-1941	1	F CA	A 84788 B 84788	9.760 0.011 11.841 0.071	10.112 0.035	9.733 0.039		259.964 506 94 259.964 333 99	-19.678 434 90 -19.678 842 86	6.05 6.05	-3.60 -3.60	-24.26 -24.26	2.70 1.93 2.33 3.27 1.85 28.57 14.66 2.33 3.27 1.85	A 202	1.58											
17200-2132	1	F CA	A 84798 B 84798	10.043 0.009 11.316 0.026	10.826 0.071	9.994 0.058		259.993 511 29 259.994 038 72	-21.530 682 33 -21.530 884 53	14.45 14.45	42.99 42.99	26.80 26.80	2.89 2.00 3.07 3.62 1.97 10.70 6.41 3.07 3.62 1.97	A 112.4	1.91											
17200-4610	1	F CA	A 84811 B 84811	9.017 0.010 9.938 0.023	10.107 0.037 10.674 0.070	8.921 0.023 9.886 0.058		260.009 873 12 260.012 767 43	-46.169 954 49 -46.169 471 23	4.90 4.90	-10.05 -10.05	-12.19 -12.19	2.88 1.69 2.79 3.40 1.61 10.55 5.37 2.79 3.40 1.61	A 76.4	7.42											
17200-6207	1	F CA	A 84799 B 84799	9.372 0.056 9.999 0.099				259.992 060 57 259.991 973 24	-62.114 579 27 -62.114 627 45	6.14 6.14	-5.29 -5.29	-27.38 -27.38	5.15 5.62 1.53 1.03 1.04 9.33 9.95 1.53 1.03 1.04	A 220	0.23											
17200-8341	1	F CA	A 84800 B 84800	9.309 0.006 12.319 0.094				259.998 231 11 259.997 352 41	-83.682 313 15 -83.682 464 10	13.55 13.55	75.79 75.79	3.90 3.90	1.22 1.35 1.40 1.38 1.53 25.24 28.24 1.40 1.38 1.53	A 213	0.65											
17202-7003	1	L CA	A 84827 B 84827	6.721 0.002 9.842 0.030				260.053 162 69 260.053 732 75	-70.044 887 38 -70.045 043 36	25.78 25.78	-47.23 -60.71	-197.38 -197.38	0.50 0.68 0.82 0.39 0.66 7.02 11.96 0.82 3.62 7.42	A 128.7	0.90 +0.5 -0.01											
17204-4111	1	F ND D	A 84842 B 84842	9.160 0.014 13.084 0.533	10.727 0.049	9.151 0.021		260.103 375 30 260.101 983 59	-41.184 210 37 -41.185 162 69	1.87 1.87	-3.45 -3.45	-0.27 -0.27	2.37 1.24 2.28 2.16 1.08 128.77 77.64 2.28 2.16 1.08	A 228	5.10											
17206-5926	1	F CA	A 84859 B 84859	7.799 0.004 7.812 0.004				260.154 618 91 260.154 152 13	-59.440 442 06 -59.440 503 69	3.11 3.11	-10.24 -10.24	-18.11 -18.11	1.55 1.17 1.72 1.79 1.21 2.05 1.69 1.72 1.79 1.21	A 255.4	0.883											
17207-0706	1	F CC	A 84866 B 84866	9.113 0.451 10.839 2.211				260.179 448 53 260.179 488 77	-7.106 613 26 -7.106 620 23	14.49 14.49	21.65 21.65	-44.34 -44.34	21.02 7.09 1.26 1.51 0.98 203.62 37.61 1.26 1.51 0.98	A 100	0.15											
17208-4240	1	F CA	A 84879 B 84879	8.344 0.007 10.249 0.040	8.835 0.013	8.240 0.012		260.203 126 40 260.202 016 99	-42.658 411 58 -42.658 273 52	17.54 17.54	15.25 15.25	11.68 11.68	1.64 0.97 1.59 1.97 0.87 11.04 7.10 1.59 1.97 0.87	A 279.6	2.98											
17209-2721	1	F CA	A 84888 B 84888	8.381 0.005 9.471 0.014	8.762 0.013 9.883 0.056	8.267 0.013 9.311 0.054		260.227 772 26 260.229 439 95	-27.344 367 29 -27.344 394 63	10.21 10.21	-9.11 -9.11	-39.26 -39.26	1.68 1.09 1.58 1.76 1.03 7.38 4.06 1.58 1.76 1.03	A 91.06	5.33											
17210-4206	1	F CC	A 84897 B 84897	8.798 0.010 12.989 0.442				260.259 660 85 260.259 800 62	-42.102 357 59 -42.102 185 10	2.38 2.38	4.71 4.71	-2.66 -2.66	1.96 1.08 1.88 2.22 0.99 108.31 60.85 1.88 2.22 0.99	A 31	0.72											
17212-4133	1	F CA	A 84911 B 84911	9.496 0.008 9.815 0.010				260.295 960 82 260.295 616 81	-41.556 892 03 -41.556 749 23	11.36 11.36	-83.30 -83.30	25.98 25.98	3.07 1.76 3.00 2.91 1.59 6.19 3.42 3.00 2.91 1.59	A 299.0	1.06											
17215+2845	1	F CA	A 84934 B 84934	6.584 0.003 9.573 0.043				260.380 130 23 260.380 190 28	+28.758 099 21 +28.757 907 39	6.09 6.09	12.16 12.16	0.80 0.80	0.57 0.63 0.76 0.62 0.74 9.75 8.78 0.76 0.62 0.74	A 165	0.72											
17219+1230	1	F CA	A 84962 B 84962	9.469 0.013 10.152 0.023				260.478 104 41 260.478 226 20	+12.499 749 95 +12.499 735 98	7.35 7.35	3.20 3.20	9.98 9.98	2.98 1.90 2.44 2.38 1.66 5.50 4.17 2.44 2.38 1.66	A 97	0.431											
17220-3325	1	F CA	A 84966 B 84966	8.948 0.008 11.261 0.064	9.111 0.019	8.952 0.023		260.492 348 74 260.492 551 04	-33.414 553 81 -33.413 703 85	-0.34 -0.34	3.91 3.91	1.12 1.12	2.10 1.21 2.03 2.51 1.27 18.69 10.30 2.03 2.51 1.27	A 11.2	3.12											
17221+2310	1	F CA	A 84976 B 84976	8.747 0.133 9.833 0.361				260.518 950 77 260.518 929 01	+23.161 216 11 +23.161 258 39	9.01 9.01	-10.27 -10.27	54.28 54.28	6.01 10.28 1.22 0.75 1.09 14.18 24.55 1.22 0.75 1.09	A 335	0.17											
17221-7007	1	F CA	A 84979 B 84979	5.897 0.096 6.456 0.160				260.524 468 34 260.524 541 55	-70.123 177 22 -70.123 181 62	2.85 2.85	-1.73 -1.73	-12.04 -12.04	4.46 4.54 0.63 0.29 0.55 6.08 7.50 0.63 0.29 0.55	A 100	0.091											
17222-4649	1	I CB	A 84986 B 84986	10.561 0.016 12.989 0.144	10.989 0.073	10.586 0.089		260.544 509 42 260.539 777 42	-46.823 429 67 -46.824 122 98	0.54 23.26	-10.97 31.22	-17.40 -21.55	6.05 3.49 5.11 6.59 3.01 71.90 45.45 30.06 43.68 23.03	A 257.9	11.92 -0.1 -0.04											
17224-3012	1	F ND D	A 84999 B 84999	8.128 0.011 11.467 0.224	8.618 0.013 11.701 0.226	8.069 0.012 11.416 0.316		260.602 218 35 260.598 190 97	-30.203 936 34 -30.201 076 87	14.81 14.81	45.95 45.95	-91.76 -91.76	1.52 0.99 1.48 1.58 0.91 71.30 39.63 1.48 1.58 0.91	A 309.4	16.22											
17227-3812	1	F CB	A 85022 B 85022	7.971 0.033 9.449 0.127				260.674 787 40 260.674 712 04	-38.202 247 84 -38.202 301 42	-3.65 -3.65	-3.56 -3.56	-10.94 -10.94	5.24 3.64 2.15 2.55 1.14 23.59 14.99 2.15 2.55 1.14	A 228	0.29											
17228-0344	1	F CC	A 85031 B 85031	8.801 0.053 12.017 1.032				260.688 267 36 260.688 211 60	-3.731 491 82 -3.731 444 27	1.90 1.90	-13.57 -13.57	-21.53 -21.53	13.03 7.11 1.87 2.06 1.23 62.22 53.11 1.87 2.06 1.23	A 311	0.26											
17228-2741	1	F CA	A 85033 B 85033	9.158 0.011 10.771 0.048	10.553 0.047 11.324 0.098	9.127 0.024 10.714 0.106		260.692 396 28 260.693 073 51	-27.676 074 82 -27.675 310 33	-0.14 -0.14	-0.77 -0.77	-0.77 -0.77	2.55 1.54 2.46 2.65 1.49 14.72 7.68 2.46 2.65 1.49	A 38.1	3.50											
17228-3739	1	F ND D	A 85036 B 85036	8.934 0.008 12.538 0.220	10.451 0.037	8.915 0.018		260.694 355 76 260.695 339 43	-37.656 032 24 -37.655 790 61	1.90 1.90	-2.45 -2.45	-10.57 -10.57	1.77 1.06 1.64 1.92 1.04 75.08 42.69 1.64 1.92 1.04	A 73	2.94											
17228-5828	1	F CA	A 85038 B 85038	6.900 0.003 9.676 0.040	7.099 0.004 10.049 0.034	6.856 0.005 9.342 0.031		260.699 766 35 260.694 971 57	-58.473 042 07 -58.472 451 14	15.63 15.63	-51.97 -51.97	-83.67 -83.67	0.81 0.74 1.01 0.97 0.81 11.77 10.83 1.01 0.97 0.81	A 283.3	9.27											
17229+1628	1	F CA D	A 85045 C 85045	8.992 0.006 10.174 0.017	9.355 0.017	8.866 0.017		260.719 722 15 260.719 265 66	+16.461 360 10 +16.460 531 24	9.36 9.36	14.69 14.69	-28.50 -28.50	1.41 1.33 1.78 1.26 1.30 5.29 4.32 1.78 1.26 1.30	A 207.8	3.375											

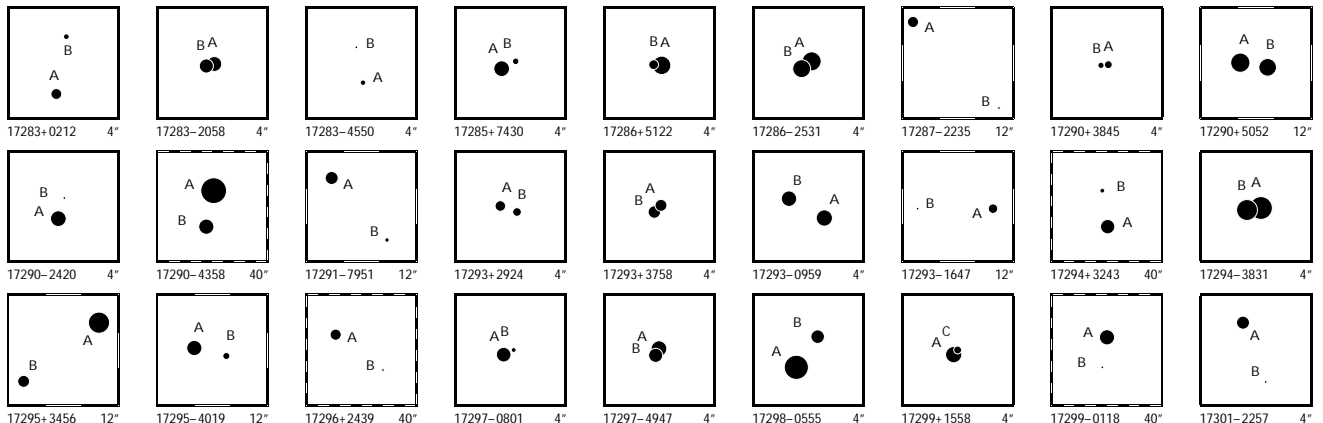


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17229-5801	1	F	A	85049	6.057	0.003	7.276	0.007	5.986	0.003	260.730 117 06	-58.010 289 30	4.15	-5.59	-15.56	0.68	0.57	0.85	0.76	0.62	A	184	1.81		
			B	85049	9.593	0.082					260.730 048 26	-58.010 790 99	4.15	-5.59	-15.56	24.55	14.21	0.85	0.76	0.62					
17229-8431	1	F	A	85054	9.853	0.008					260.736 602 79	-84.512 589 05	8.21	-19.71	-70.39	3.75	2.54	3.11	3.98	2.75	A	95.0	0.684		
			B	85054	10.101	0.010					260.738 583 03	-84.512 605 63	8.21	-19.71	-70.39	4.60	3.91	3.11	3.98	2.75					
17231-6144	1	F	A	85069	8.187	0.005	8.169	0.007	8.188	0.011	260.779 825 78	-61.729 193 94	0.73	-2.93	-10.01	1.06	1.03	1.36	1.03	0.96	A	58.3	2.87		
			B	85069	10.713	0.051	10.266	0.055	9.748	0.055	260.781 258 20	-61.728 774 49	0.73	-2.93	-10.01	12.98	13.69	1.36	1.03	0.96					
17232-5101	1	F	A	85072	11.239	0.079					260.799 222 99	-51.024 382 46	7.31	-6.93	-3.85	11.11	8.33	4.97	5.36	3.58	A	159	0.33		
			B	85072	11.628	0.113					260.799 276 00	-51.024 468 33	7.31	-6.93	-3.85	29.05	16.47	4.97	5.36	3.58					
17233-1927	1	F	A	85080	8.212	0.004					260.817 325 20	-19.448 708 92	5.49	-0.83	2.62	1.54	1.09	1.41	1.45	0.89	A	325	0.50		
			B	85080	10.943	0.043					260.817 241 89	-19.448 595 53	5.49	-0.83	2.62	18.56	9.92	1.41	1.45	0.89					
17235+1654	1	F	A	85096	7.726	0.004	7.747	0.005	7.643	0.008	260.875 428 55	+16.902 962 63	6.40	-3.30	0.32	0.85	0.92	1.13	0.90	0.95	A	132.8	1.19		
			B	85096	10.502	0.051					260.875 682 70	+16.902 737 79	6.40	-3.30	0.32	12.87	13.24	1.13	0.90	0.95					
17236+1324	1	F	A	85109	7.644	0.003	9.189	0.017	7.607	0.009	260.907 989 14	+13.397 604 14	4.51	12.81	-35.70	1.07	0.96	1.18	0.99	0.97	A	204.2	2.00		
			B	85109	10.400	0.040					260.907 755 32	+13.397 096 95	4.51	12.81	-35.70	10.40	10.24	1.18	0.99	0.97					
17236+3708	1	F	A	85112	4.535	0.003	4.476	0.005	4.501	0.005	260.920 720 33	+37.145 923 96	8.12	-38.58	9.19	0.51	0.62	0.61	0.48	0.76	A	318.29	4.066		
			B	85112	5.472	0.006	5.399	0.006	5.397	0.009	260.919 777 59	+37.146 767 21	8.12	-38.58	9.19	1.71	1.94	0.61	0.48	0.76					
17237+4716	1	F	A	85118	8.240	0.006	8.755	0.010	8.150	0.009	260.935 875 28	+47.270 625 92	12.48	-18.10	33.63	0.94	1.12	1.03	1.13	1.45	A	12.53	9.27		
			B	85118	9.963	0.025	10.552	0.045	9.766	0.036	260.936 698 71	+47.273 140 73	12.48	-18.10	33.63	5.35	6.97	1.03	1.13	1.45					
17238+2155	1	F	A	85124	8.796	0.005					260.954 325 26	+21.919 282 61	6.09	1.44	28.73	1.20	1.43	1.89	1.49	1.50	A	264.1	0.807		
			B	85124	9.874	0.012					260.954 085 04	+21.919 259 62	6.09	1.44	28.73	3.56	5.03	1.89	1.49	1.50					
17238-2138	1	F	A	85121	9.145	0.134					260.951 141 84	-21.640 950 33	1.96	-2.11	7.82	7.91	6.87	1.46	1.94	1.09	A	205	0.14		
			B	85121	11.205	0.893					260.951 124 07	-21.640 986 21	1.96	-2.11	7.82	23.37	62.28	1.46	1.94	1.09					
17239+3627	1	F	A	85133	9.423	0.010	9.309	0.017	9.178	0.020	260.977 476 26	+36.457 740 20	3.36	-8.17	4.41	1.95	2.31	2.17	1.76	2.58	A	283.6	1.36		
			B	85133	9.661	0.013					260.977 020 08	+36.457 828 71	3.36	-8.17	4.41	5.68	4.55	2.17	1.76	2.58					
17240+3835	1	L	A	85149	7.134	0.056					261.009 447 97	+38.582 692 33	6.04	-7.04	37.02	4.59	3.00	0.63	1.08	1.67	A	282	0.159	-2	+0.014
			B	85149	7.794	0.103					261.009 392 59	+38.582 701 34	6.04	-22.02	33.51	6.94	5.36	0.63	1.73	2.87					
17240-0050	1	F	A	85136	9.056	0.006	9.460	0.013	8.894	0.012	260.989 021 58	-0.835 220 95	7.86	-44.96	3.86	2.93	1.95	2.96	2.88	1.71	A	35.9	3.73		
			B	85136	9.594	0.010	10.080	0.036	9.397	0.033	260.989 629 66	-0.834 380 71	7.86	-44.96	3.86	8.34	6.25	2.96	2.88	1.71					
17240-1142	1	F	A	85151	8.757	0.011					261.011 648 33	-11.701 918 65	0.44	-6.86	-5.54	2.55	1.52	2.39	2.61	1.41	A	78.1	1.13		
			B	85151	9.469	0.023					261.011 961 25	-11.701 854 13	0.44	-6.86	-5.54	5.62	3.41	2.39	2.61	1.41					
			C	85151	11.089	0.108					261.013 980 06	-11.700 756 22	0.44	-6.86	-5.54	25.60	14.85	2.39	2.61	1.41					
17241+0304	1	F	A	85153	9.097	0.090	9.315	0.022	8.998	0.024	261.014 015 49	+3.067 610 80	3.92	5.11	-14.28	2.57	1.82	2.80	2.81	1.99	A	74.1	22.38		
			B	85153	10.290	0.218	11.134	0.070	10.491	0.064	261.020 000 96	+3.069 317 74	3.92	5.11	-14.28	57.18	41.82	2.80	2.81	1.99					
17242-4348	1	F	A	85159	8.191	0.006	8.265	0.010	8.158	0.012	261.046 184 87	-43.804 967 17	2.48	-2.14	-13.21	1.35	0.73	1.35	1.25	0.64	A	265.9	7.42		
			B	85159	11.394	0.103					261.043 337 84	-43.805 115 44	2.48	-2.14	-13.21	28.73	16.26	1.35	1.25	0.64					
17244+4931	1	F	A	85175	8.214	0.020	8.542	0.010	8.121	0.010	261.100 014 82	+49.524 436 72	3.87	-20.43	41.99	0.98	1.12	1.03	1.02	1.25	A	210.1	20.27		
			B	85175	10.336	0.116	10.668	0.050	10.670	0.087	261.095 668 05	+49.519 564 19	3.87	-20.43	41.99	29.69	46.07	1.03	1.02	1.25					
17244-2248	1	F	A	85176	8.767	0.007	9.254	0.020	8.698	0.019	261.099 433 47	-22.800 868 70	14.95	27.35	-4.77	2.28	1.56	2.26	2.48	1.50	A	105.5	13.33		
			B	85176	10.950	0.048	11.551	0.175	10.585	0.118	261.103 304 20	-22.801 859 24	14.95	27.35	-4.77	26.17	11.11	2.26	2.48	1.50					
17246+1536	1	F	A	85187	6.397	0.004	6.347	0.004	6.380	0.005	261.140 815 07	+15.606 021 65	6.70	6.94	10.98	0.78	0.68	0.86	0.66	0.64	A	65.7	3.82		
			B	85187	9.721	0.077	9.437	0.051	9.276	0.064	261.141 818 37	+15.606 457 13	6.70	6.94	10.98	13.50	13.74	0.86	0.66	0.64					
17246-3602	1	F	A	85192	10.446	0.032					261.151 491 67	-36.031 297 18	3.80	1.35	-17.94	4.91	3.65	2.30	2.57	1.15	A	317	0.31		
			B	85192	10.809	0.044					261.151 418 65	-36.031 233 89	3.80	1.35	-17.94	10.09	6.75	2.30	2.57	1.15					
17246-6434	1	F	A	85193	9.232	0.123					261.151 565 78	-64.569 882 43	7.33	-10.35	-81.94	7.74	9.75	1.20	0.87	0.91	A	323	0.17		
			B	85193	10.091	0.272					261.151 501 19	-64.569 845 35	7.33	-10.35	-81.94	14.13	16.80	1.20	0.87	0.91					
17247+3802	1	F	A	85209	8.241	0.005	9.061	0.013	8.176	0.010	261.176 971 80	+38.036 731 72	19.78	-64.02	-195.94	0.92	1.03	1.07	0.93	1.12	A	216	2.03		
			B	85209</																					

System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17251+3444	1	FCA	A 85238 S 85238	10.206 11.033	0.170 0.364			261.263 692 89 261.263 691 24	+34.732 066 10 +34.732 014 54	11.46 11.46	-3.84 -3.84	1.13 1.13	6.96 13.28 1.21 0.88 1.37 14.60 35.47 1.21 0.88 1.37	A 182	0.19											
17253-5600	1	FCB	A 85260 B 85260	8.986 10.602	0.109 0.482			261.328 582 92 261.328 593 28	-55.993 061 94 -55.993 115 07	2.30 2.30	-0.30 -0.30	-16.89 -16.89	4.24 10.07 1.18 1.11 0.96 20.12 42.02 1.18 1.11 0.96	A 174	0.19											
17254-0850	1	FCC	A 85273 B 85273	7.357 11.462	0.003 0.129			261.359 691 59 261.359 616 32	-8.828 525 36 -8.828 357 36	9.42 9.42	-34.67 -34.67	4.27 4.27	1.12 0.85 1.12 1.20 0.79 50.40 24.71 1.12 1.20 0.79	A 336	0.66											
17254-1643	1	FCB	A 85270 B 85270	11.970 12.490	0.383 0.618			261.353 043 11 261.353 030 32	-16.712 392 92 -16.712 435 61	7.03 7.03	1.20 1.20	-10.54 -10.54	21.26 24.53 3.12 3.20 1.91 33.70 51.45 3.12 3.20 1.91	A 196	0.16											
17254-5903	1	FCA	A 85263 B 85263	8.201 10.801	0.010 0.103	9.380 0.016 11.386 0.106	8.121 0.010 10.719 0.090	261.337 836 44 261.336 821 07	-59.058 071 05 -59.055 668 94	3.26 3.26	-8.01 -8.01	-37.03 -37.03	1.61 1.36 1.75 1.67 1.37 23.47 20.44 1.75 1.67 1.37	A 347.7	8.85											
17255+5130	1	FCA	A 85277 B 85277	9.179 11.122	0.012 0.058	9.352 0.016 11.553 0.134	9.143 0.018 10.971 0.124	261.372 675 67 261.374 241 12	+51.493 142 72 +51.493 736 34	2.94 2.94	-3.98 -3.98	-24.88 -24.88	1.41 1.51 1.39 1.31 1.72 10.31 10.83 1.39 1.31 1.72	A 58.7	4.11											
17256-5825	1	FCA	A 85283 B 85283	9.368 11.275	0.009 0.028	10.402 0.028 11.327 0.084	9.274 0.018 10.963 0.108	261.393 627 35 261.391 732 92	-58.410 687 78 -58.411 245 47	2.02 2.02	-6.78 -6.78	-19.27 -19.27	2.09 1.79 2.36 2.26 1.80 17.41 13.53 2.36 2.26 1.80	A 240.7	4.10											
17257-2700	1	FCA	A 85292 B 85292	9.559 11.016	0.008 0.031			261.431 350 08 261.431 318 66	-26.991 388 43 -26.991 522 38	-1.35 -1.35	-1.33 -1.33	0.81 0.81	2.57 1.94 2.49 2.73 1.52 11.06 7.01 2.49 2.73 1.52	A 192	0.49											
17259-4925	1	FCA	A 85306 B 85306	9.590 11.619	0.013 0.082	10.838 0.066 11.619 0.082	9.461 0.031	261.480 585 14 261.482 279 84	-49.418 543 24 -49.418 986 81	1.99 1.99	0.58 0.58	-11.30 -11.30	2.90 1.85 3.24 2.83 1.70 23.80 16.68 3.24 2.83 1.70	A 111.9	4.28											
17262+0205	1	LCA	A 85325 B 85325	8.667 11.502	0.009 0.116	10.061 0.024 11.696 0.117	8.638 0.013 10.908 0.099	261.551 946 64 261.550 815 11	+2.082 716 86 +2.079 541 02	4.83 4.83	24.08 -4.25	-35.72 16.38	1.82 1.26 1.97 1.50 1.04 37.67 32.24 1.97 23.80 17.37	A 199.6	12.14	+0.2	-0.04									
17262+2927	1	LCA	A 85327 B 85327	7.778 10.632	0.005 0.117	8.046 0.007 10.610 0.044	7.727 0.007 9.549 0.027	261.557 330 03 261.560 037 81	+29.455 658 95 +29.457 014 39	4.86 4.86	-0.71 19.37	3.16 3.26	0.85 1.00 1.08 0.77 0.97 7.17 8.65 1.08 5.46 6.18	A 60.11	9.79	+0.06	+0.02									
17263+6746	1	FCB	A 85330 B 85330	8.029 8.939	0.196 0.453			261.571 715 98 261.571 704 38	+67.765 829 22 +67.765 859 63	6.02 6.02	1.63 1.63	21.79 21.79	6.28 11.92 0.54 0.58 0.62 15.55 18.56 0.54 0.58 0.62	A 352	0.11											
17266+2714	1	FCA	A 85361 B 85361	7.844 10.632	0.035 0.450			261.648 751 89 261.648 718 46	+27.230 946 89 +27.231 008 57	6.00 6.00	-0.53 -0.53	29.11 29.11	4.16 6.06 1.20 0.89 1.28 39.48 43.49 1.20 0.89 1.28	A 334	0.25											
17266-4755	1	FCA	A 85358 B 85358	9.572 9.801	0.119 0.147			261.638 109 32 261.638 032 27	-47.914 280 55 -47.914 303 76	1.07 1.07	5.22 5.22	-0.05 -0.05	16.00 13.48 1.92 1.71 0.97 16.66 13.96 1.92 1.71 0.97	A 246	0.20											
17267+3546	1	FCA	A 85371 B 85371	8.857 9.182	0.007 0.009	9.578 0.019 9.425 0.017	8.690 0.017 8.996 0.019	261.668 715 35 261.668 427 79	+35.765 761 32 +35.765 159 16	1.86 1.86	10.04 10.04	-7.23 -7.23	1.38 1.50 1.53 1.39 1.63 2.95 3.28 1.53 1.39 1.63	A 201.2	2.325											
17267+5621	1	FCA	A 85369 B 85369	9.355 10.785	0.007 0.025			261.667 229 12 261.666 797 59	+56.353 120 27 +56.352 945 79	9.29 9.29	-14.58 -14.58	64.35 64.35	1.31 1.43 1.28 1.37 1.59 6.86 6.70 1.28 1.37 1.59	A 233.9	1.07											
17268-2620	1	FCA	A 85387 B 85387	7.536 9.990	0.003 0.031	7.762 0.009 10.454 0.141	7.466 0.010 9.859 0.156	261.711 549 26 261.710 803 36	-26.331 780 52 -26.330 881 34	2.81 2.81	-1.75 -1.75	1.33 1.33	1.12 0.75 1.12 1.24 0.72 11.33 6.47 1.12 1.24 0.72	A 323.4	4.03											
17268-4550	1	LCA	A 85389 B 85389	5.699 6.463	0.004 0.007	5.507 0.026 5.585 0.026		261.716 597 76 261.715 792 81	-45.842 962 89 -45.843 137 77	5.44 5.44	-6.43 -3.46	-27.58 -30.45	1.03 0.74 0.97 1.22 0.60 2.67 1.92 0.97 2.22 1.06	A 252.68	2.115	-0.10	-0.002									
17269-2423	1	FCA	A 85388 B 85388	9.869 10.964	0.030 0.081			261.714 369 03 261.714 502 01	-24.385 084 65 -24.385 108 65	8.89 8.89	-106.45 -106.45	-172.31 -172.31	5.01 2.47 3.02 3.43 1.93 16.15 8.24 3.02 3.43 1.93	A 101	0.44											
17272-2957	1	FCA	A 85413 B 85413	9.404 10.874	0.008 0.028			261.807 814 83 261.807 630 78	-29.942 003 98 -29.941 904 54	9.04 9.04	36.17 36.17	-143.86 -143.86	2.50 1.50 2.36 2.43 1.31 13.03 6.50 2.36 2.43 1.31	A 302	0.68											
17272-4833	1	FCC	A 85412 B 85412	10.154 11.657	0.181 0.725			261.806 428 55 261.806 515 03	-48.544 330 64 -48.544 356 12	10.04 10.04	-0.69 -0.69	-24.93 -24.93	20.68 8.53 3.02 2.27 1.34 73.86 44.83 3.02 2.27 1.34	A 114	0.23											
17275+1627	1	FCA	A 85434 B 85434	7.365 10.707	0.006 0.117	7.626 0.006 7.299 0.008		261.886 630 57 261.886 867 11	+16.456 801 87 +16.457 226 74	12.99 12.99	-3.17 -3.17	26.49 26.49	0.90 0.92 1.10 0.80 0.97 23.88 20.23 1.10 0.80 0.97	A 28	1.73											
17276+0501	1	FCB	A 85443 B 85443	9.204 11.794	0.060 0.647			261.907 186 52 261.907 102 10	+5.012 528 73 +5.012 540 18	3.92 3.92	-23.39 -23.39	4.00 4.00	10.96 2.40 1.81 1.82 1.29 65.31 28.35 1.81 1.82 1.29	A 278	0.31											
17276-2440	1	FND	A 85440 B 85440	9.105 11.526	0.014 0.127			261.905 264 40 261.905 210 34	-24.667 862 00 -24.667 946 66	1.73 1.73	-1.48 -1.48	-4.38 -4.38	2.30 1.95 1.94 2.51 1.52 24.64 19.98 1.94 2.51 1.52	A 210	0.35											
17278-1211	1	FNB	A 85455 C 85455 B 85455	8.390 10.657 11.059	0.008 0.051 0.087	11.010 0.105 10.352 0.096		261.949 842 99 261.948 573 96 261.949 812 32	-12.186 708 07 -12.185 762 15 -12.186 864 31	7.25 7.25 7.25	9.14 9.14 9.14	4.71 4.71 4.71	1.69 1.19 1.54 1.88 1.17 14.09 7.65 1.54 1.88 1.17 20.74 10.96 1.54 1.88 1.17	A 309.0	5.75											
17279+1123	1	FND	A 85463 B 85460	7.161 8.705	0.008 0.026	7.262 0.007 9.051 0.020	7.120 0.007 8.596 0.020	261.967 750 31 261.960 193 00	+11.390 495 74 +11.392 068 30	10.37 10.68	-21.21 -15.05	4.82 3.78	1.74 1.44 1.64 1.86 1.67 8.76 7.20 5.47 5.88 5.50	A 281.98	27.26	0.00	-0.01									
17280+2740	1	FCA	A 85475 B 85475	8.217 11.507	0.005 0.100			262.012 075 63 262.012 213 28	+27.669 254 09 +27.669 033 11	3.22 3.22	-24.61 -24.61	19.62 19.62	0.84 1.04 1.21 0.91 1.10 21.53 29.41 1.21 0.91 1.10	A 151	0.91											

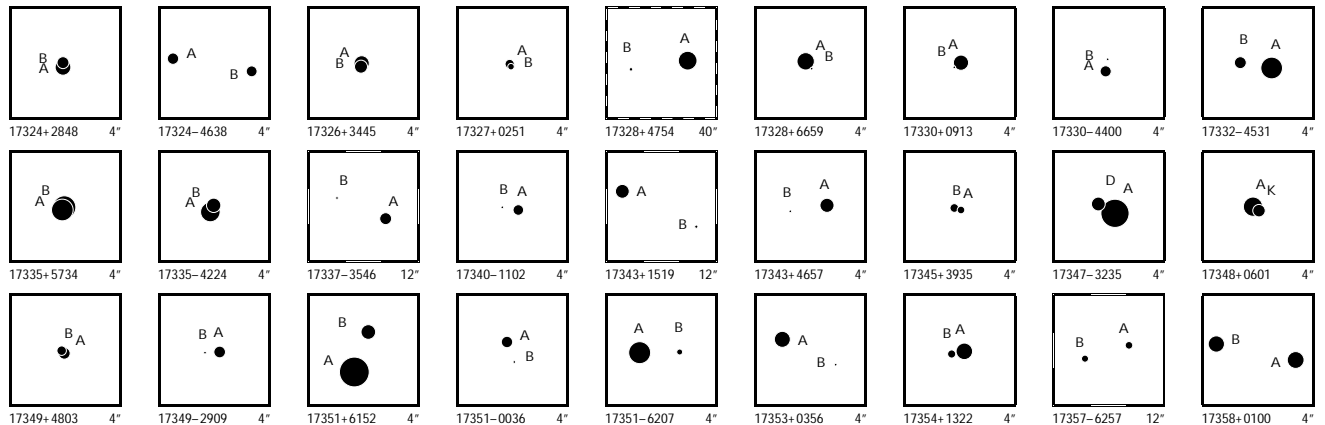


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17283+0212	1	F CA	A 85496 B 85496	9.629 0.007 10.728 0.019	9.918 0.022 10.413 0.064	9.369 0.021 9.876 0.045		262.081 588 44 262.081 482 62	+2.203 959 01 +2.204 544 16	7.07 7.07	9.64 9.64	7.85 7.85	2.21 1.84 2.72 2.46 1.84 8.20 5.64 2.72 2.46 1.84	A 349.8 2.14													
17283-2058	1	F CA	A 85491 B 85491	8.681 0.076 8.904 0.093				262.067 431 81 262.067 509 46	-20.963 754 93 -20.963 768 98	9.60 9.60	5.73 5.73	29.31 29.31	10.60 2.73 1.32 1.47 0.80 11.55 3.61 1.32 1.47 0.80	A 101 0.27													
17283-4550	1	F CA	A 85489 B 85489	10.795 0.020 11.455 0.035	11.279 0.097	10.972 0.124		262.065 451 00 262.065 551 07	-45.838 348 92 -45.837 990 23	5.51 5.51	-3.20 -3.20	-8.65 -8.65	6.08 3.95 5.52 6.39 2.93 21.04 19.08 5.52 6.39 2.93	A 11 1.32													
17285+7430	1	F CA	A 85509 B 85509	8.501 0.004 10.550 0.024				262.121 047 84 262.120 495 09	+74.500 112 89 +74.500 179 50	5.67 5.67	0.78 0.78	21.72 21.72	1.04 0.84 0.90 0.85 0.95 6.36 6.37 0.90 0.85 0.95	A 294 0.58													
17286+5122	1	F CA	A 85518 B 85518	7.891 0.015 9.866 0.090				262.149 142 92 262.149 273 43	+51.361 355 78 +51.361 361 18	8.51 8.51	-10.28 -10.28	-40.19 -40.19	2.87 1.78 0.75 0.84 0.86 10.46 11.57 0.75 0.84 0.86	A 86 0.29													
17286-2531	1	L CA	A 85521 B 85521	7.811 0.007 8.010 0.008				262.161 508 73 262.161 625 16	-25.510 590 94 -25.510 668 37	9.06 9.06	10.76 -6.26	-32.69 -29.99	2.44 1.49 1.81 2.07 1.02 4.34 2.47 1.81 3.05 1.14	A 126.4 0.470 +1.0 -0.015													
17287-2235	1	F CB	A 85526 B 85526	9.534 0.013 12.143 0.134	11.053 0.058	9.607 0.029		262.173 201 80 262.170 337 07	-22.581 339 49 -22.583 987 13	-0.42 -0.42	-6.22 -6.22	-9.30 -9.30	2.87 1.75 2.73 3.35 1.60 68.00 33.30 2.73 3.35 1.60	A 225.0 13.47													
17290+3845	1	F CA	A 85555 B 85555	10.256 0.023 10.628 0.033				262.259 960 83 262.260 064 88	+38.745 745 78 +38.745 736 88	4.23 4.23	-2.11 -2.11	1.88 1.88	3.67 2.94 1.50 1.67 1.45 5.71 6.28 1.50 1.67 1.45	A 96 0.294													
17290+5052	1	F CA	A 85545 B 85545	7.748 0.004 8.073 0.005	8.260 0.014	7.961 0.012		262.242 410 30 262.241 076 36	+50.870 260 85 +50.870 116 97	8.10 8.10	-16.20 -16.20	11.15 11.15	1.22 1.11 1.08 1.19 1.11 1.99 1.96 1.08 1.19 1.11	A 260.30 3.075													
17290-2420	1	F CC	A 85548 B 85548	8.546 0.010 12.605 0.403				262.250 847 02 262.250 781 30	-24.336 427 08 -24.336 221 41	17.25 17.25	-3.17 -3.17	-13.49 -13.49	2.19 1.26 2.00 2.39 1.11 85.35 38.56 2.00 2.39 1.11	A 344 0.77													
17290-4358	1	F CA	A 85549 B 85549	6.283 0.006 8.651 0.046	6.232 0.005 8.658 0.015	6.286 0.006 8.524 0.018		262.253 603 09 262.254 661 44	-43.973 899 32 -43.977 551 43	2.15 2.15	-3.50 -3.50	-8.06 -8.06	1.06 0.72 1.02 1.25 0.68 10.64 8.06 1.02 1.25 0.68	A 168.22 13.43													
17291-7951	1	F CA	A 85558 B 85558	9.122 0.006 11.038 0.035	9.673 0.016 11.549 0.079	9.037 0.014 10.845 0.073		262.268 149 30 262.258 472 99	-79.842 784 99 -79.844 699 48	7.14 7.14	32.44 32.44	2.09 2.09	1.06 1.32 1.40 1.07 1.43 7.32 9.54 1.40 1.07 1.43	A 221.7 9.23													
17293+2924	1	F CA	A 85582 B 85582	9.641 0.010 10.100 0.015				262.334 185 38 262.333 983 77	+29.392 614 62 +29.392 548 15	42.40 42.40	-196.31 -196.31	-283.53 -283.53	3.76 3.33 3.76 4.20 3.55 5.82 6.59 3.76 4.20 3.55	A 249 0.676													
17293+3758	1	F CA	A 85580 B 85580	9.211 0.012 9.330 0.014				262.328 786 46 262.328 698 35	+37.959 988 52 +37.960 059 45	6.47 6.47	-5.59 -5.59	-2.37 -2.37	2.41 2.49 1.68 1.43 1.61 2.53 2.51 1.68 1.43 1.61	B 316 0.357													
17293-0959	1	F CA	A 85576 B 85576	8.412 0.005 8.588 0.006	8.374 0.040	7.750 0.031		262.319 308 90 262.319 681 38	-9.990 662 31 -9.990 461 38	9.10 9.10	19.82 19.82	12.58 12.58	1.95 1.35 1.80 2.02 1.32 4.28 1.84 1.80 2.02 1.32	A 61.3 1.506													
17293-1647	1	F CB	A 85581 B 85581	9.899 0.011 12.859 0.159	10.451 0.046	9.760 0.039		262.331 444 56 262.333 855 03	-16.791 392 45 -16.791 394 55	9.32 9.32	-6.58 -6.58	-11.31 -11.31	2.52 1.67 2.46 3.00 1.46 54.10 28.92 2.46 3.00 1.46	A 90.1 8.31													
17294+3243	1	I CA	A 85592 B 85592	8.848 0.008 10.947 0.048	9.175 0.019 11.160 0.057	8.809 0.020 10.392 0.044		262.361 869 35 262.362 508 25	+32.709 351 97 +32.713 026 49	6.99 0.23	8.84 15.03	12.98 15.46	1.65 1.94 1.77 1.70 2.16 13.44 17.51 6.93 6.95 9.22	A 8.32 13.37 +0.02 0.00													
17294-3831	1	L CA	A 85589 B 85589	6.959 0.006 7.409 0.008				262.356 656 11 262.356 831 85	-38.516 943 48 -38.516 968 22	9.83 9.83	22.92 18.34	9.59 4.16	1.52 0.95 1.28 1.23 0.85 2.44 1.74 1.28 1.87 1.16	A 100.2 0.503 +0.7 -0.004													
17295+3456	1	I CA	A 85596 B 85597	7.339 0.004 9.330 0.022	8.529 0.008 9.842 0.021	7.260 0.005 9.183 0.019		262.367 308 53 262.370 159 22	+34.938 603 20 +34.936 777 64	8.71 13.41	-25.90 -28.05	3.09 13.41	1.01 1.09 1.02 1.06 1.23 7.31 7.63 3.38 4.91 6.09	A 128.00 10.676 -0.04 -0.008													
17295-4019	1	F CA	A 85595 B 85595	8.661 0.007 10.467 0.035	8.767 0.017	8.596 0.020		262.365 353 85 262.364 039 48	-40.312 764 87 -40.313 006 42	0.66 0.66	-7.86 -7.86	-10.04 -10.04	2.21 1.52 2.18 2.59 1.79 13.64 10.54 2.18 2.59 1.79	A 256.4 3.71													
17296+2439	1	IND	D A 85607 B 85605	9.557 0.036 11.640 0.196	10.702 0.033 12.065 0.130	9.439 0.017 10.770 0.062		262.406 176 22 262.400 786 67	+24.656 819 39 +24.653 221 44	2.72 202.69	-9.37 97.33	1.87 348.92	2.30 3.16 3.44 2.39 3.65 39.85 57.94 39.48 26.69 41.28	A 233.7 21.88 +0.6 -0.29													
17297-0801	1	F CA	A 85618 B 85618	8.772 0.009 10.925 0.067				262.433 316 88 262.433 216 59	-8.017 481 17 -8.017 427 86	6.04 6.04	-14.11 -14.11	-21.19 -21.19	3.05 1.73 2.15 2.60 1.16 23.96 13.44 2.15 2.60 1.16	A 298 0.41													
17297-4947	1	L CA	A 85610 B 85610	8.548 0.027 8.865 0.036				262.419 555 74 262.419 605 80	-49.789 847 52 -49.789 911 86	14.55 14.55	16.68 -11.52	-47.63 -40.52	4.47 3.57 1.37 3.00 1.35 7.38 4.71 1.37 4.23 1.75	A 153 0.259 +5 -0.019													
17298-0555	1	F CA	A 85622 B 85622	6.632 0.004 8.980 0.038	7.612 0.010	6.510 0.007		262.447 363 11 262.447 142 80	-5.919 322 63 -5.919 014 90	13.88 13.88	-33.13 -33.13	-64.40 -64.40	1.19 0.73 1.18 1.30 0.66 11.92 6.70 1.18 1.30 0.66	A 324.5 1.36													
17299+1558	1	F CA	A 85626 B 85626 C 85626	8.402 0.023 10.256 0.127				262.464 308 98 262.464 258 91	+15.964 071 34 +15.964 120 73	7.31 7.31	-8.37 -8.37	-34.52 -34.52	4.01 3.13 1.50 1.13 1.26 19.70 17.22 1.50 1.13 1.26	A 316 0.25													
17299-0118	1	F CA	A 85630 B 85630	8.622 0.005 11.458 0.065	9.085 0.012	8.551 0.012		262.484 413 01 262.484 905 91	-1.306 365 12 -1.309 492 47	7.44 7.44	9.25 9.25	-1.42 -1.42	1.40 0.94 1.52 1.72 0.93 22.07 13.44 1.52 1.72 0.93	A 171.0 11.40													
17301-2257	1	F ND	D A 85642 B 85642	9.110 0.011 12.686 0.280	9.836 0.027	9.060 0.022		262.527 103 75 262.526 850 50	-22.951 320 59 -22.951 925 35	6.78 6.78	33.59 33.59	-6.78 -6.78	1.89 1.26 1.72 2.01 1.15 74.20 38.00 1.72 2.01 1.15	A 201 2.33													

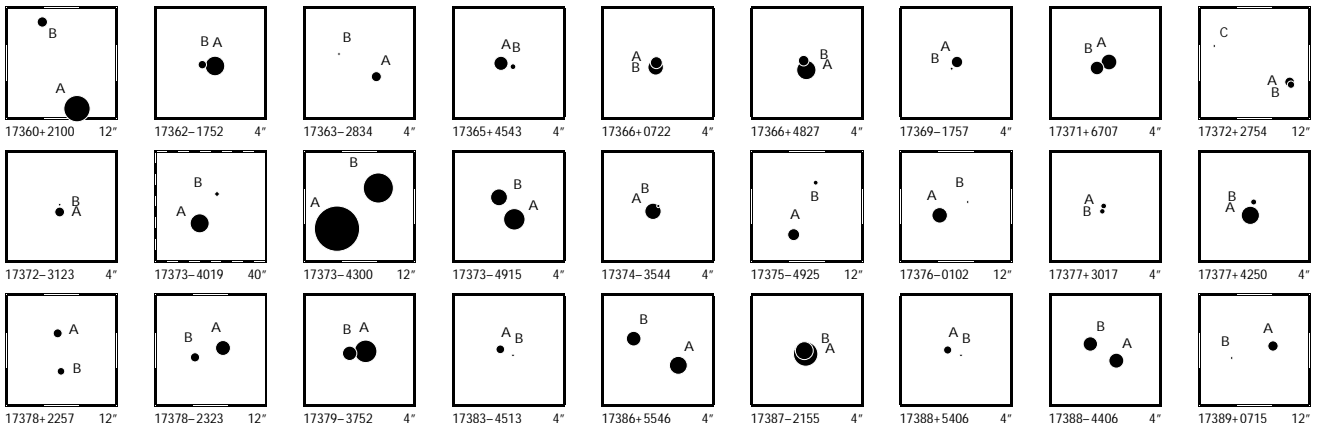


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt					
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
17301-3343	1	F	A	85641	6.775	0.003	6.804	0.006	6.732	0.007	262.523 491 19	-33.716 360 14	-0.39	1.35	-2.45	1.08	0.67	1.01	1.23	0.66	A	320.2	4.44					
			B	85641	9.902	0.055	9.699	0.085	9.527	0.102	262.522 540 80	-33.715 412 12	-0.39	1.35	-2.45	14.99	8.98	1.01	1.23	0.66								
17303-3552	1	F	A	85652	8.379	0.006					262.566 202 45	-35.859 738 44	3.65	-0.85	-4.14	1.49	1.42	1.31	1.72	1.25	A	353	0.43					
			B	85652	10.727	0.048					262.566 183 60	-35.859 620 96	3.65	-0.85	-4.14	13.35	9.19	1.31	1.72	1.25								
17303-5159	1	F	B	85656	8.846	0.009					262.580 871 49	-51.977 462 40	5.23	-0.20	-13.34	3.57	2.39	2.56	2.68	1.76	B	159	0.445					
			A	85656	8.924	0.010					262.580 942 17	-51.977 578 17	5.23	-0.20	-13.34	4.26	2.63	2.56	2.68	1.76								
17304-0104	1	L	A	85667	6.167	0.004					262.599 464 96	-1.062 503 65	60.80	-126.64	-172.00	1.50	1.03	1.42	1.72	0.91	A	331.9	1.103	-0.8	-0.012			
			B	85667	6.241	0.004					262.599 320 88	-1.062 233 37	60.80	-135.09	-189.62	2.59	2.12	1.42	2.27	1.21								
17305-1006	1	F	A	85675	8.420	0.008					262.622 086 58	-10.096 186 56	20.34	11.68	-26.52	2.12	1.27	1.75	1.90	1.06	A	97	0.55					
			B	85675	10.607	0.054					262.622 240 31	-10.096 203 98	20.34	11.68	-26.52	18.85	12.90	1.75	1.90	1.06								
17306-2712	1	F	A	85681	8.748	0.008	9.166	0.017	8.698	0.017	262.640 210 95	-27.203 273 31	11.20	-25.88	-3.56	1.88	1.08	1.82	2.10	0.91	A	190.8	7.59					
			B	85681	11.441	0.088	11.876	0.174	10.962	0.126	262.639 766 52	-27.205 345 54	11.20	-25.88	-3.56	23.99	16.10	1.82	2.10	0.91								
17307-4304	1	F	A	85685	8.824	0.008	8.809	0.017	8.763	0.022	262.664 286 50	-43.061 758 14	-0.01	1.79	-0.07	2.14	1.58	1.98	2.35	1.71	A	339.5	4.81					
			B	85685	9.993	0.024	9.896	0.042	9.841	0.063	262.663 645 09	-43.060 505 61	-0.01	1.79	-0.07	9.05	7.43	1.98	2.35	1.71								
17308+0349	1	F	A	85705	10.041	0.030					262.711 531 76	+3.816 291 63	3.41	65.64	26.85	2.27	4.36	1.73	1.65	1.22	A	360	0.276					
			S	85705	10.436	0.043					262.711 531 18	+3.816 368 27	3.41	65.64	26.85	4.41	6.18	1.73	1.65	1.22								
17308-3726	1	F	A	85700	7.475	0.048					262.699 824 91	-37.436 900 97	9.21	-5.21	-25.60	6.07	3.02	1.21	1.28	0.91	A	110	0.24					
			B	85700	7.958	0.075					262.699 903 31	-37.436 923 72	9.21	-5.21	-25.60	8.96	5.03	1.21	1.28	0.91								
17309+1512	1	F	A	85713	9.252	0.008					262.727 497 28	+15.192 634 40	2.89	-6.27	-3.01	1.78	1.80	1.82	1.46	1.46	A	149	0.52					
			B	85713	12.163	0.105					262.727 573 85	+15.192 509 17	2.89	-6.27	-3.01	31.15	22.58	1.82	1.46	1.46								
17311-2129	1	F	A	85724	9.182	0.017					262.764 450 93	-21.485 260 40	3.27	-9.91	-10.92	4.58	3.15	2.90	3.39	1.60	A	226	0.36					
			B	85724	11.005	0.091					262.764 372 82	-21.485 330 26	3.27	-9.91	-10.92	22.90	12.78	2.90	3.39	1.60								
17312-7310	1	L	A	85737	9.039	0.006					262.808 594 67	-73.162 540 66	-0.71	3.24	2.38	1.10	1.45	1.57	0.86	1.17	A	237.0	1.045	-0.7	+0.008			
			B	85737	10.947	0.035					262.807 754 41	-73.162 698 88	-0.71	3.09	-12.61	6.79	9.29	1.57	3.61	4.58								
17313-3901	1	F	A	85745	7.484	0.005					262.831 973 67	-39.018 089 32	11.34	7.79	22.67	1.65	1.13	1.63	1.69	1.12	A	232.2	3.18					
			B	85745	9.009	0.020					262.831 074 24	-39.018 630 44	11.34	7.79	22.67	8.35	5.73	1.63	1.69	1.12								
17313-4501	1	F	A	85748	9.773	0.012	10.336	0.054	9.684	0.051	262.837 298 58	-45.010 769 54	4.11	4.89	-12.00	3.48	2.59	3.24	4.13	2.92	A	30.1	2.22					
			B	85748	11.141	0.039					262.837 735 58	-45.010 236 63	4.11	4.89	-12.00	14.48	10.54	3.24	4.13	2.92								
17315-4156	1	F	A	85763	9.446	0.028	10.073	0.043	9.137	0.034	262.866 468 98	-41.927 739 11	17.67	88.15	-99.41	3.90	3.01	3.35	4.16	3.10	A	42.6	1.33					
			B	85763	10.112	0.052					262.866 804 83	-41.927 467 45	17.67	88.15	-99.41	11.80	11.35	3.35	4.16	3.10								
17315-6026	1	L	A	85765	9.020	0.012					262.876 089 55	-60.440 052 02	5.10	-10.53	-42.29	2.17	2.42	2.15	1.92	1.54	A	163	0.382	-1	+0.006			
			B	85765	9.142	0.013					262.876 153 43	-60.440 153 25	5.10	-4.64	-47.24	3.40	3.43	2.15	2.64	1.82								
17315-7112	1	L	A	85764	9.177	0.008	9.251	0.011	9.127	0.013	262.875 675 09	-71.204 444 87	3.37	-2.31	-10.26	1.94	2.85	3.07	1.87	3.05	A	39.1	12.56	0.0	+0.01			
			B	85767	11.806	0.087					262.882 502 50	-71.201 737 58	-9.77	3.62	-5.64	25.39	36.91	16.73	9.55	16.68								
17316-2958	1	F	A	85770	10.284	0.011					262.887 707 28	-29.967 293 40	1.65	4.45	-6.97	4.15	2.29	3.30	3.77	1.79	A	114	0.54					
			B	85770	10.387	0.012					262.887 864 20	-29.967 354 91	1.65	4.45	-6.97	7.15	4.47	3.30	3.77	1.79								
17316-3018	1	F	A	85775	9.102	0.010	10.279	0.109	8.938	0.022	262.899 175 39	-30.292 809 23	0.10	-6.05	-18.36	2.90	1.66	2.67	2.76	1.57	A	169.4	1.688					
			B	85775	9.292	0.012	10.106	0.037	9.102	0.036	262.899 275 44	-30.293 270 09	0.10	-6.05	-18.36	5.15	3.14	2.67	2.76	1.57								
17317-0959	1	F	A	85784	9.122	0.210					262.937 323 79	-9.980 769 27	2.95	-7.05	0.10	6.82	11.27	1.30	1.33	0.64	A	187	0.12					
			B	85784	10.180	0.555					262.937 319 34	-9.980 802 68	2.95	-7.05	0.10	16.90	32.35	1.30	1.33	0.64								
17317-2616	1	F	A	85783	6.152	0.005					262.934 896 30	-26.269 654 23	7.47	-2.83	-22.57	1.27	1.08	1.10	1.04	0.54	A	191	0.34					
			B	85783	8.554	0.041					262.934 875 67	-26.269 747 49	7.47	-2.83	-22.57	9.43	5.62	1.10	1.04	0.54								
17317-4102	1	F	A	85782	7.825	0.005					262.927 480 61	-41.039 536 57	4.65	-3.36	-9.78	1.88	1.21	1.88	1.88	1.20	A	107.5	1.051					
			B	85782	8.158	0.007					262.927 849 64	-41.039 624 34	4.65	-3.36	-9.78	2.66	1.93	1.88	1.88	1.20								
17319+5655	1	L	A	85796	8.689	0.008	9.810	0.023	8.622	0.015	262.967 357 92	+56.918 883 66	1.85	0.92	-9.24	2.00	2.26	1.63	2.05	2.16	A	212.9	12.37	0.0	-0.01			
			B																									

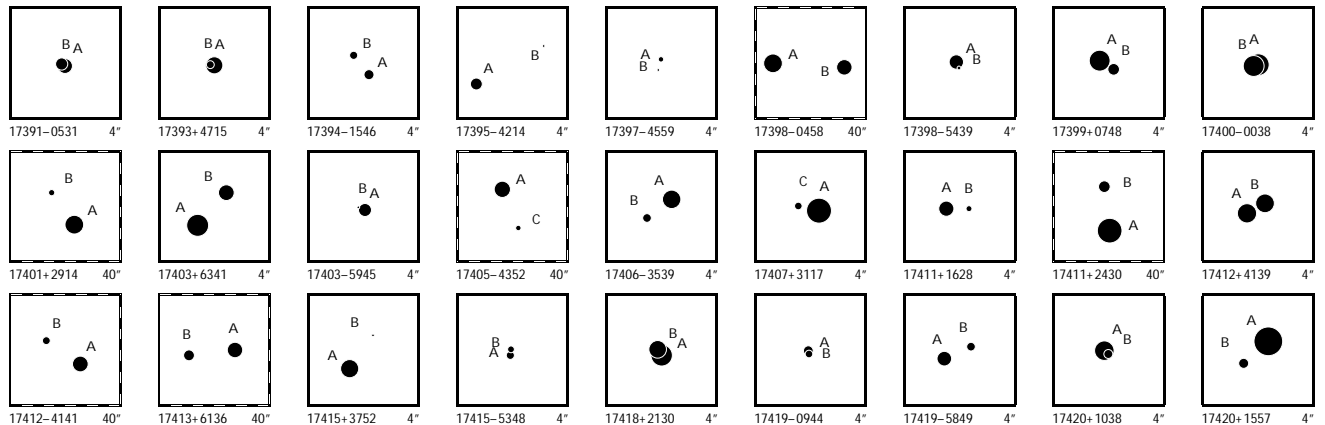
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3	5-6	7-8	9	10	11	12	13	14	deg	deg	17	18	19	20	21	22	23	24	25	26	27	28	29	
17324+2848	1	F	C	A 85837 B 85837	8.547 0.102 9.385 0.220					263.095 708 53 +28.804 425 80 263.095 706 16 +28.804 465 46	7.32 7.32	19.35 11.75 19.35 11.75	3.20 7.08 0.86 6.85 14.34 0.86	0.68 0.81 0.68 0.81	A 357	0.14									
17324-4638	1	F	C	A 85836 B 85836	9.450 0.010 9.591 0.011	9.794 0.035 9.912 0.047	9.187 0.033 9.282 0.045			263.095 860 81 -46.628 597 20 263.094 694 04 -46.628 729 08	8.52 8.52	-7.93 -2.28 -7.93 -2.28	3.16 2.68 2.49 5.68 4.82 2.49	3.52 2.77 3.52 2.77	A 260.7	2.92									
17326+3445	1	F	C	A 85846 B 85846	8.621 0.197 9.106 0.308					263.142 009 04 +34.746 556 99 263.142 022 13 +34.746 523 80	16.81 16.81	31.17 9.60 31.17 9.60	6.63 12.88 0.73 14.67 14.64 0.73	0.64 0.76 0.64 0.76	A 162	0.13									
17327+0251	1	F	C	A 85861 B 85861	9.946 0.593 10.585 1.068					263.185 290 76 +2.855 194 52 263.185 273 66 +2.855 162 30	2.88 2.88	-1.81 -8.65 -1.81 -8.65	20.30 38.97 1.54 40.11 53.24 1.54	1.67 0.97 1.67 0.97	A 208	0.13									
17328+4754	1	F	N	D	A 85868 B 85872	7.868 0.027 11.241 0.492	7.937 0.011	7.808 0.011		263.207 156 41 +47.888 665 71 263.215 795 89 +47.887 755 22	5.35 5.35	0.71 19.89 0.71 19.89	1.45 1.39 1.18 118.72 110.74 1.18	1.61 1.56 1.61 1.56	A 98.9	21.11									
17328+6659	1	F	C	B	A 85863 B 85863	8.188 0.008 11.539 0.175				263.188 087 82 +66.982 257 38 263.187 923 45 +66.982 178 86	5.79 5.79	-14.27 32.64 -14.27 32.64	1.66 1.70 0.98 40.55 39.55 0.98	1.06 1.09 1.06 1.09	A 219	0.37									
17330+0913	1	F	C	B	A 85876 B 85876	8.612 0.016 11.839 0.309				263.246 372 09 +9.211 763 57 263.246 441 17 +9.211 720 17	2.59 2.59	3.41 -5.01 3.41 -5.01	2.85 1.78 1.33 36.57 40.40 1.33	1.25 0.98 1.25 0.98	A 122	0.29									
17330-4400	1	F	C	A	A 85878 B 85878	9.532 0.014 11.791 0.106				263.252 084 90 -43.999 468 04 263.252 051 92 -43.999 349 05	0.62 0.62	-3.54 -2.68 -3.54 -2.68	2.86 3.24 2.86 19.56 15.22 2.86	3.64 2.38 3.64 2.38	A 349	0.44									
17332-4531	1	F	C	A	A 85902 B 85902	7.220 0.004 9.359 0.029	7.108 0.007	7.117 0.006		263.308 565 47 -45.511 274 95 263.309 017 05 -45.511 215 55	3.28 3.28	5.37 -8.91 5.37 -8.91	1.37 1.17 1.23 11.17 8.48 1.23	1.56 1.20 1.56 1.20	A 79.4	1.16									
17335+5734	1	F	C	A	B 85923 A 85923	6.871 0.129 7.228 0.180				263.381 659 70 +57.558 720 96 263.381 691 33 +57.558 691 36	4.32 4.32	6.64 5.08 6.64 5.08	5.43 7.74 0.52 6.52 8.37 0.52	0.52 0.61 0.52 0.61	B 150	0.123									
17335-4224	1	F	C	A	A 85919 B 85919	7.654 0.015 8.846 0.045				263.371 035 11 -42.399 662 87 263.370 988 29 -42.399 600 93	2.08 2.08	3.53 -5.61 3.53 -5.61	2.28 2.09 1.05 6.90 5.30 1.05	1.21 0.88 1.21 0.88	A 331	0.255									
17337-3546	1	F	N	D	A 85931 B 85931	9.350 0.009 13.398 0.356	9.996 0.034	9.286 0.029		263.419 413 53 -35.765 266 21 263.421 289 31 -35.764 629 88	3.04 3.04	10.29 13.17 10.29 13.17	1.99 1.37 1.92 126.93 84.32 1.92	2.21 1.39 2.21 1.39	A 67	5.94									
17340-1102	1	F	C	A	A 85946 B 85946	9.631 0.014 12.984 0.295				263.487 541 23 -11.035 354 26 263.487 716 65 -11.035 325 51	1.80 1.80	-10.66 1.99 -10.66 1.99	2.92 1.62 2.59 69.79 31.44 2.59	2.82 1.48 2.82 1.48	A 81	0.63									
17343+1519	1	F	C	A	A 85976 B 85976	8.934 0.007 11.267 0.061	9.316 0.015 12.022 0.171	8.871 0.015 11.158 0.131		263.573 284 86 +15.310 828 33 263.570 930 85 +15.309 736 51	5.16 5.16	15.13 -30.09 15.13 -30.09	1.46 1.50 1.75 12.74 16.65 1.75	1.35 1.57 1.35 1.57	A 244.3	9.07									
17343+4657	1	F	C	B	A 85977 B 85977	8.857 0.009 11.832 0.130	9.976 0.022	8.776 0.014		263.580 949 98 +46.944 040 77 263.581 507 16 +46.943 977 53	29.46 29.46	-74.39 309.43 -74.39 309.43	1.33 1.27 1.25 33.55 28.99 1.25	1.19 1.45 1.19 1.45	A 99	1.39									
17345+3935	1	F	C	A	B 85995 A 85995	10.054 0.037 10.292 0.046				263.636 836 41 +39.589 956 41 263.636 746 13 +39.589 937 13	2.83 2.83	-1.17 -17.10 -1.17 -17.10	6.17 4.64 1.32 6.30 3.52 1.32	1.20 1.18 1.20 1.18	B 255	0.26									
17347-3235	1	F	D	D	A 86011 D 86011	5.759 0.005 8.967 0.095				263.677 044 98 -32.581 657 72 263.677 258 04 -32.581 560 38	0.96 0.96	3.68 -1.68 3.68 -1.68	1.63 1.12 1.59 47.94 33.00 1.59	1.95 1.21 1.95 1.21	A 62	0.74									
17348+0601	1	F	C	A	A 86024 K 86024	7.760 0.014 9.230 0.053				263.702 191 92 +6.024 032 08 263.702 125 03 +6.023 996 35	13.47 13.47	11.72 -68.81 11.72 -68.81	2.99 2.26 1.33 11.18 8.97 1.33	1.19 0.83 1.19 0.83	A 242	0.27									
17349+4803	1	F	C	A	A 86034 B 86034	9.418 0.155 9.887 0.239				263.736 555 08 +48.045 116 59 263.736 605 18 +48.045 143 64	3.36 3.36	7.63 -12.80 7.63 -12.80	10.11 8.41 0.79 12.79 11.45 0.79	0.93 0.80 0.93 0.80	A 51	0.15									
17349-2909	1	F	C	A	A 86030 B 86030	9.391 0.015 12.129 0.178				263.726 071 19 -29.147 216 16 263.726 242 65 -29.147 225 44	8.41 8.41	-13.91 1.45 -13.91 1.45	3.07 1.63 2.35 53.51 25.39 2.35	2.30 1.41 2.30 1.41	A 94	0.54									
17351+6152	1	F	C	A	A 86036 B 86036	5.397 0.003 8.759 0.065	5.979 0.003	5.317 0.003		263.746 878 28 +61.875 831 50 263.746 563 21 +61.876 235 63	70.98 70.98	277.38 -525.62 277.38 -525.62	0.58 0.57 0.55 12.31 15.43 0.55	0.54 0.60 0.54 0.60	A 339.8	1.55									
17351-0036	1	F	C	A	A 86046 B 86046	9.504 0.009 13.245 0.269				263.775 830 92 -0.597 346 59 263.775 763 25 -0.597 552 16	1.99 1.99	-4.14 -1.83 -4.14 -1.83	2.45 1.40 2.43 95.31 66.83 2.43	2.48 1.25 2.48 1.25	A 198	0.78									
17351-6207	1	F	C	B	A 86043 B 86043	7.118 0.005 10.695 0.140	7.279 0.005	7.052 0.006		263.763 066 55 -62.110 875 67 263.762 185 91 -62.110 866 52	4.96 4.96	-5.31 -30.69 -5.31 -30.69	1.04 0.81 1.11 39.18 23.67 1.11	1.07 0.77 1.07 0.77	A 271	1.48									
17353+0356	1	F	C	B	A 86065 B 86065	8.486 0.005 12.149 0.125	9.486 0.016	8.395 0.011		263.834 418 18 +3.939 467 15 263.833 874 21 +3.939 199 45	7.00 7.00	5.44 1.15 5.44 1.15	1.25 0.88 1.57 46.47 35.64 1.57	1.25 0.82 1.25 0.82	A 244	2.18									
17354+1322	1	F	C	A	A 86070 B 86070	8.360 0.006 10.197 0.033				263.861 277 30 +13.361 863 65 263.861 411 10 +13.361 837 98	4.80 4.80	-8.00 -18.82 -8.00 -18.82	1.67 1.28 1.54 9.09 7.99 1.54	1.26 1.15 1.26 1.15	A 101	0.48									
17357-6257	1	F	C	B	A 86095 B 86095	10.345 0.013 10.460 0.015	10.551 0.046 10.686 0.041	10.198 0.053 10.270 0.048		263.919 855 29 -62.953 569 24 263.922 828 54 -62.953 996 75	0.95 0.95	-5.65 -18.45 -5.65 -18.45	4.50 4.36 5.74 14.75 10.02 5.74	4.28 4.22 4.28 4.22	A 107.5	5.10									
17358+0100	1	F	C	A	A 86106 B 86106	8.251 0.005 8.419 0.006	8.278 0.010 8.396 0.010	8.181 0.008 8.330 0.011		263.960 130 48 +0.996 616 75 263.960 944 21 +0.996 783 37	1.52 1.52	-1.51 -10.65 -1.51 -10.65	1.69 1.15 2.24 3.00 1.71 2.24	2.03 1.13 2.03 1.13	A 78.43	2.990									



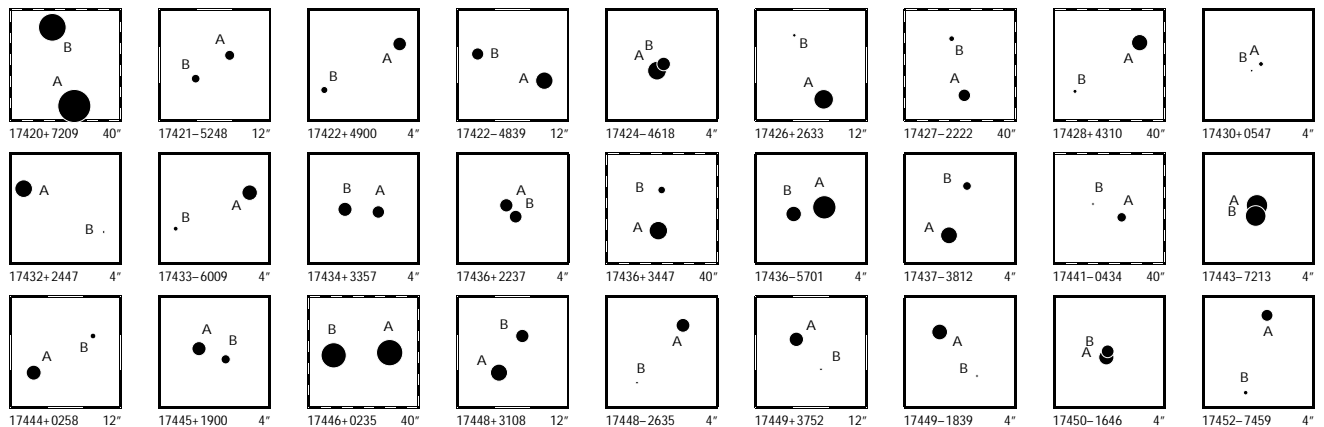
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _I	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17360+2100	1	F CA	A 86118 B 86118	6.166 0.004 9.729 0.109	6.317 0.004 9.973 0.034	6.123 0.004 9.483 0.035	263.998 184 91 263.999 332 66	+20.996 278 17 +20.998 948 63	8.50 8.50	6.71 -15.06 6.71 -15.06	0.67 0.74 0.98 17.51 17.73 0.98	0.89 0.91 0.89 0.91	A 21.9 10.36												
17362-1752	1	F CA	A 86142 B 86142	7.706 0.009 10.112 0.082			264.055 489 14 264.055 619 65	-17.863 610 88 -17.863 598 53	7.65 7.65	-45.44 -86.30 -45.44 -86.30	2.10 1.08 1.40 19.78 11.91 1.40	1.63 0.95 1.63 0.95	A 84 0.45												
17363-2834	1	F CA	A 86149 B 86149	9.771 0.011 11.610 0.052	10.280 0.045	9.761 0.047	264.072 923 75 264.073 358 73	-28.571 901 16 -28.571 669 56	0.62 0.62	0.99 -0.91 0.99 -0.91	2.39 1.57 2.35 19.06 11.62 2.35	2.63 1.46 2.63 1.46	A 58.8 1.61												
17365+4543	1	F CA	A 86166 B 86166	8.877 0.006 10.710 0.031			264.122 942 02 264.122 772 63	+45.720 500 03 +45.720 468 53	6.00 6.00	9.35 17.45 9.35 17.45	1.44 1.29 1.12 6.58 7.97 1.12	1.39 1.15 1.39 1.15	A 255 0.44												
17366+0722	1	F CA	B 86174 A 86174	8.601 0.104 9.347 0.206			264.144 291 55 264.144 287 98	+7.375 307 80 +7.375 345 30	4.51 4.51	3.24 11.92 3.24 11.92	3.65 7.20 0.97 7.30 11.74 0.97	0.85 0.63 0.85 0.63	B 355 0.14												
17366+4827	1	F CA	A 86173 B 86173	7.722 0.007 9.641 0.042			264.141 344 18 264.141 381 53	+48.458 059 11 +48.458 156 53	18.54 18.54	103.34 -133.65 103.34 -133.65	1.96 1.70 1.15 13.51 7.75 1.15	1.16 1.25 1.16 1.25	A 14 0.36												
17369-1757	1	F CA	A 86196 B 86196	9.492 0.018 11.332 0.093			264.219 943 37 264.220 000 67	-17.953 307 87 -17.953 371 41	5.49 5.49	3.30 -14.21 3.30 -14.21	4.69 3.11 2.13 29.42 19.22 2.13	2.91 1.58 2.91 1.58	A 139 0.30												
17371+6707	1	L CA	A 86216 B 86216	8.528 0.005 9.029 0.008			264.269 259 71 264.269 596 95	+67.119 293 60 +67.119 232 19	6.27 6.27	13.29 -15.19 7.86 -13.00	1.35 1.31 1.05 2.28 2.89 1.05	1.16 1.14 1.84 1.78	A 115.1 0.521 0.0 -0.006												
17372+2754	1	L NB G	A 86221 B 86221 C 86221	9.813 0.081 10.404 0.140 11.888 0.115			264.295 120 89 264.295 095 45 264.297 776 25	+27.895 881 40 +27.895 804 41 +27.896 999 83	32.05 32.05 32.05	-122.62 260.97 -52.26 231.03 -99.11 227.15	3.17 6.35 2.28 10.36 16.24 2.28 20.14 32.06 2.28	3.44 3.91 7.17 7.62 16.53 26.55	A 196 A 64.5	0.29 -15 9.36 +0.2	+0.01 +0.01										
17372-3123	1	F CA	A 86223 B 86223	9.864 0.031 11.478 0.138			264.305 837 70 264.305 841 60	-31.385 831 19 -31.385 756 02	0.81 0.81	-1.34 -7.23 -1.34 -7.23	3.11 5.17 2.03 14.97 15.98 2.03	2.27 1.38 2.27 1.38	A 3 0.27												
17373-4019	1	F FD D	A 86231 B 86230	7.820 0.017 10.959 0.303	7.939 0.012	7.784 0.017	264.332 246 37 264.329 990 10	-40.320 115 50 -40.317 085 48	2.44 2.44	-3.17 0.51 -3.17 0.51	3.01 2.17 2.33 88.54 62.48 2.33	3.46 2.19 3.46 2.19	A 330.4 12.54												
17373-4300	1	F CB	A 86228 B 86228	1.974 0.008 5.363 0.171	2.374 0.003	1.904 0.006	264.329 690 72 264.327 944 91	-42.997 821 55 -42.996 558 76	11.99 11.99	6.06 -0.95 6.06 -0.95	0.78 0.68 0.84 31.54 24.40 0.84	1.03 0.78 1.03 0.78	A 314.7 6.47												
17373-4915	1	F CA	A 86227 B 86227	7.274 0.006 8.302 0.014			264.319 666 52 264.319 912 10	-49.244 956 97 -49.244 729 06	3.25 3.25	1.46 -13.54 1.46 -13.54	1.39 0.96 1.37 3.88 3.04 1.37	1.29 0.92 1.29 0.92	A 35.1 1.003												
17374-3544	1	F CB	A 86238 B 86238	8.418 0.026 11.292 0.362			264.344 762 88 264.344 701 95	-35.726 118 65 -35.726 063 27	1.84 1.84	-0.79 -2.81 -0.79 -2.81	3.44 5.68 1.84 45.51 30.17 1.84	2.01 1.37 2.01 1.37	A 318 0.27												
17375-4925	1	F CA	A 86247 B 86247	9.344 0.009 10.924 0.039	9.961 0.040 11.279 0.135	9.354 0.037 10.405 0.097	264.364 139 82 264.363 096 56	-49.409 166 47 -49.407 576 59	11.05 11.05	-14.13 -226.10 -14.13 -226.10	2.64 1.80 2.59 14.62 12.29 2.59	2.49 1.73 2.49 1.73	A 336.9 6.22												
17376-0102	1	F CA	A 86259 B 86259	8.557 0.004 11.822 0.074	8.686 0.011	8.520 0.013	264.389 588 40 264.388 716 50	-1.033 109 37 -1.032 685 51	3.45 3.45	-11.64 -0.40 -11.64 -0.40	1.45 0.75 1.47 27.61 13.73 1.47	1.41 0.67 1.41 0.67	A 295.9 3.49												
17377+3017	1	F CA	A 86277 B 86277	10.752 0.136 10.803 0.142			264.436 508 97 264.436 518 14	+30.277 748 44 +30.277 691 96	4.23 4.23	1.64 -13.87 1.64 -13.87	11.10 16.37 1.59 9.05 10.94 1.59	1.21 2.01 1.21 2.01	A 172 0.21												
17377+4250	1	F CA	A 86272 B 86272	7.978 0.004 10.702 0.044			264.420 827 67 264.420 781 76	+42.833 690 96 +42.833 822 98	4.48 4.48	-7.77 4.63 -7.77 4.63	0.88 1.04 0.84 14.07 11.37 0.84	0.78 1.11 0.78 1.11	A 346 0.49												
17378+2257	1	F CA	A 86282 B 86282	10.013 0.010 10.298 0.013	11.515 0.064 11.766 0.087	9.925 0.023 10.105 0.030	264.453 317 62 264.453 194 56	+22.955 932 94 +22.954 753 75	45.17 45.17	-153.38 -145.57 -153.38 -145.57	2.45 4.19 4.41 3.14 5.93 4.41	2.66 5.54 2.66 5.54	A 185.5 4.26												
17378-2323	1	F CA	A 86278 B 86278	8.689 0.008 9.934 0.024	9.006 0.022 10.583 0.134	8.597 0.023 10.026 0.147	264.445 227 78 264.446 158 79	-23.389 286 43 -23.389 577 86	8.98 8.98	-17.57 -33.09 -17.57 -33.09	1.99 1.47 1.78 9.87 4.39 1.78	2.50 1.39 2.50 1.39	A 108.8 3.25												
17379-3752	1	L CA	A 86286 B 86286	7.017 0.009 8.847 0.050			264.463 391 86 264.463 603 53	-37.861 077 35 -37.861 093 77	17.82 17.82	-6.77 -131.09 -37.10 -118.96	2.16 1.46 1.68 11.39 7.86 1.68	2.15 1.40 8.69 5.96	A 96 0.60 -1 -0.03												
17383-4513	1	F CA	A 86324 B 86324	10.054 0.014 12.503 0.128			264.573 848 52 264.573 656 54	-45.213 841 43 -45.213 898 72	7.98 7.98	-26.36 -18.69 -26.36 -18.69	2.98 2.21 2.47 26.83 21.71 2.47	2.83 2.13 2.83 2.13	A 247 0.53												
17386+5546	1	F CA	A 86344 B 86344	8.051 0.006 8.733 0.010	8.472 0.024	7.923 0.029	264.659 421 73 264.660 246 41	+55.759 642 35 +55.759 914 11	9.03 9.03	4.13 -12.77 4.13 -12.77	1.25 1.24 1.15 2.99 3.11 1.15	1.16 1.23 1.16 1.23	A 59.6 1.936												
17387-2155	1	F CA	A 86352 B 86352	6.596 0.120 8.042 0.454			264.686 953 34 264.686 964 80	-21.912 631 36 -21.912 598 63	9.66 9.66	-33.94 -13.69 -33.94 -13.69	3.64 7.79 0.86 15.01 20.44 0.86	0.93 0.71 0.93 0.71	A 18 0.12												
17388+5406	1	F CA	A 86354 B 86354	10.178 0.013 12.444 0.098			264.688 278 97 264.688 049 36	+54.102 153 53 +54.102 103 09	5.23 5.23	1.78 13.06 1.78 13.06	2.45 2.13 1.91 21.71 26.46 1.91	2.06 2.03 2.06 2.03	A 249 0.52												
17388-4406	1	F CA	A 86356 B 86356	8.715 0.009 8.801 0.009			264.693 002 39 264.693 370 81	-44.100 223 16 -44.100 050 48	6.78 6.78	-10.92 -33.50 -10.92 -33.50	1.86 1.41 1.67 4.69 2.02 1.67	1.93 1.64 1.93 1.64	A 56.9 1.14												
17389+0715	1	F CA	A 86369 B 86369	9.713 0.010 11.989 0.076	10.008 0.026	9.662 0.029	264.729 597 90 264.730 875 31	+7.251 271 86 +7.250 876 83	-0.99 -0.99	-3.34 1.88 -3.34 1.88	2.44 1.69 2.61 23.03 18.82 2.61	2.65 1.64 2.65 1.64	A 107.3 4.78												



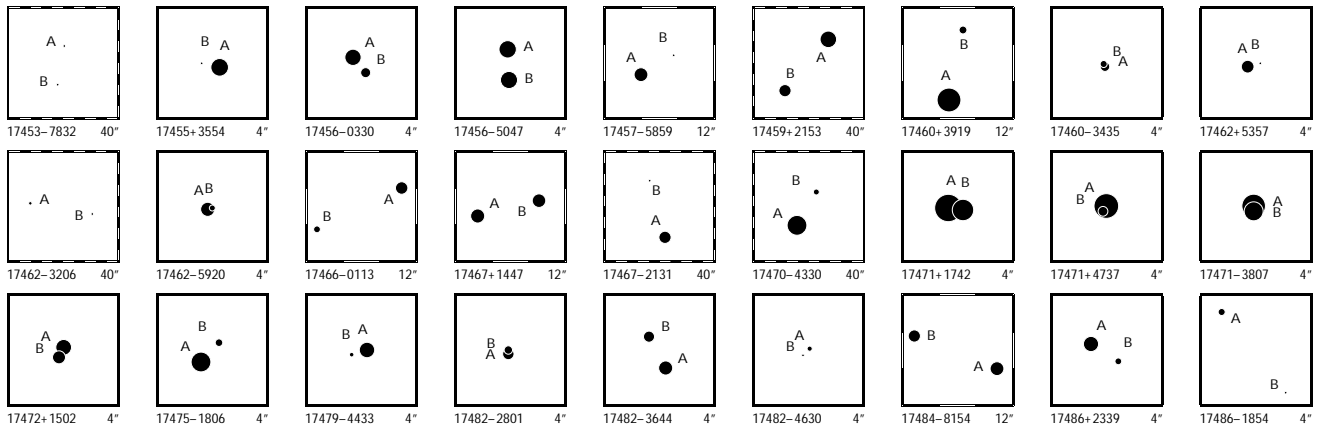
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
17391-0531	1	F CA	A 86377 B 86377	8.720 9.299	0.217 0.370						264.764 254 06 264.764 292 83	-5.514 136 17 -5.514 117 15	9.09 9.09	0.20 0.20	-16.55 -16.55	15.81 24.04	9.92 14.84	1.09 1.09	0.93 0.93	0.65 0.65	A	64		0.15		
17393+4715	1	F CC	A 86398 B 86398	8.240 10.243	0.123 0.775						264.813 422 42 264.813 484 62	+47.244 703 39 +47.244 705 98	5.80 5.80	-9.79 -9.79	35.16 35.16	9.17 52.78	7.83 49.61	0.70 0.70	0.69 0.69	0.75 0.75	A	86		0.15		
17394-1546	1	F CA	A 86412 B 86412	9.809 10.212	0.014 0.020						264.851 162 37 264.851 326 65	-15.761 402 26 -15.761 198 16	6.21 6.21	-39.35 -39.35	-59.15 -59.15	3.79 8.61	2.38 5.04	3.38 3.38	4.28 4.28	2.80 2.80	A	37.8		0.93		
17395-4214	1	F CA	A 86417 B 86417	9.333 12.294	0.017 0.250	10.521 0.053	9.281 0.030				264.868 425 45 264.867 493 33	-42.236 797 74 -42.236 409 57	4.84 4.84	10.78 10.78	-17.17 -17.17	2.67 42.68	2.16 36.08	2.85 2.85	3.60 3.60	2.94 2.94	A	299		2.85		
17397-4559	1	F CA	A 86437 B 86437	10.810 11.848	0.033 0.085						264.922 301 94 264.922 331 82	-45.980 592 84 -45.980 703 37	5.08 5.08	2.82 2.82	-9.82 -9.82	5.83 18.60	5.79 16.76	4.79 4.79	5.83 5.83	4.51 4.51	A	169		0.40		
17398-0458	1	IND D	A 86444 B 86441	7.875 8.577	0.011 0.017	8.265 0.011	7.820 0.012	8.928 0.024	8.450 0.023		264.946 985 30 264.939 654 33	-4.968 004 57 -4.968 396 66	9.61 9.83	1.09 8.72	-3.63 -7.60	2.48 7.40	1.71 4.81	2.09 4.06	2.28 4.66	1.62 2.98	A	266.93	26.33	-0.01	-0.01	
17398-5439	1	F CA	A 86449 B 86449	8.846 11.131	0.029 0.235						264.961 739 82 264.961 676 05	-54.645 236 20 -54.645 296 76	-1.25 -1.25	-4.26 -4.26	-15.44 -15.44	3.65 26.16	3.73 21.17	1.76 1.76	1.47 1.47	0.99 0.99	A	211		0.26		
17399+0748	1	F CA	A 86457 B 86457	7.385 9.433	0.003 0.017						264.983 156 89 264.983 008 71	+7.801 151 64 +7.801 059 17	5.18 5.18	-34.66 -34.66	-14.32 -14.32	1.06 6.14	0.77 4.86	1.10 1.10	1.07 1.07	0.75 0.75	A	238		0.625		
17400-0038	1	F CA	A 86463 B 86463	7.228 7.402	0.120 0.141						264.990 407 09 264.990 448 60	-0.639 205 84 -0.639 221 28	3.04 3.04	-5.40 -5.40	-13.57 -13.57	10.79 10.04	5.51 5.31	1.05 1.05	0.92 0.92	0.49 0.49	A	110		0.16		
17401+2914	1	I CA	A 86471 B 86472	7.868 10.618	0.007 0.078	8.976 0.010	7.809 0.007	12.112 0.154	10.495 0.054		265.015 956 57 265.018 685 14	+29.237 055 85 +29.240 340 31	5.38 8.08	13.26 21.16	-71.54 -20.99	1.47 27.77	1.66 28.96	1.65 11.71	1.57 21.12	1.71 18.50	A	35.9	14.60	-0.1	+0.05	
17403+6341	1	F CA	A 86482 B 86482	7.142 8.500	0.004 0.012	7.560 0.012	6.988 0.015				265.075 363 64 265.074 706 72	+63.675 010 55 +63.675 346 83	13.21 13.21	5.56 5.56	144.99 144.99	0.74 3.57	0.81 3.47	0.73 0.73	0.75 0.75	0.90 0.90	A	319.1		1.602		
17403-5945	1	F CB	A 86480 B 86480	9.110 11.727	0.044 0.494						265.065 709 28 265.065 846 13	-59.744 015 61 -59.743 983 59	1.08 1.08	0.80 0.80	-15.36 -15.36	11.79 64.68	4.63 51.60	1.83 1.83	1.62 1.62	1.17 1.17	A	65		0.27		
17405-4352	1	I FC	A 86490 B 86489	8.429 10.810	0.004 0.005	9.076 0.019	8.346 0.016				265.113 774 80 265.111 433 12	-43.861 849 96 -43.865 821 45	1.42 28.57	-3.58 -50.99	-0.44 32.08	3.72 35.55	3.05 26.39	3.26 29.19	4.35 40.06	3.70 31.68	A	203.0	15.54	+0.2	-0.01	
17406-3539	1	F CA	A 86500 B 86500	7.893 10.086	0.007 0.051	8.286 0.019	7.768 0.016				265.152 030 67 265.152 346 73	-35.648 064 37 -35.648 259 70	5.47 5.47	-1.62 -1.62	-45.79 -45.79	2.01 20.97	1.23 11.54	2.00 2.00	1.83 1.83	1.17 1.17	A	127		1.16		
17407+3117	1	F CA	A 86506 B 86506	6.495 10.301	0.002 0.071						265.171 781 62 265.172 030 52	+31.287 660 77 +31.287 707 96	8.09 8.09	-59.41 -59.41	-75.11 -75.11	0.49 14.43	0.55 18.66	0.66 0.66	0.49 0.49	0.56 0.56	A	77		0.78		
17411+1628	1	F CA	A 86541 B 86541	8.643 10.661	0.004 0.022						265.280 554 94 265.280 315 45	+16.464 518 73 +16.464 518 76	3.77 3.77	-10.00 -10.00	-4.32 -4.32	1.06 5.86	0.94 5.85	1.40 1.40	1.25 1.25	1.01 1.01	A	270.0		0.83		
17411+2430	1	I CA	A 86537 B 86538	6.542 9.408	0.005 0.066	7.892 0.006	6.492 0.004	9.840 0.019	9.278 0.018		265.272 906 43 265.273 518 57	+24.513 120 96 +24.517 603 08	4.88 2.06	-18.35 1.21	54.84 54.17	0.87 21.17	1.17 29.27	1.32 11.60	0.92 14.26	1.19 19.79	A	7.08	16.26	+0.07	0.00	
17412+4139	1	F CA	A 86550 B 86550	7.749 7.889	0.004 0.004						265.307 559 30 265.307 315 68	+41.654 910 78 +41.655 007 61	5.39 5.39	-8.41 -8.41	12.87 12.87	1.59 2.13	1.44 2.02	1.50 1.50	1.62 1.62	1.93 1.93	A	298.0		0.742		
17412-4141	1	I CA	A 86547 B 86548	8.507 10.283	0.012 0.054	8.387 0.014	8.476 0.019	10.580 0.079	10.184 0.100		265.296 830 53 265.301 510 63	-41.691 701 12 -41.689 309 35	5.60 10.24	6.83 31.65	-8.61 -3.92	3.37 24.68	2.93 20.64	2.56 16.73	4.08 26.23	3.15 20.01	A	55.6	15.25	0.0	+0.02	
17413+6136	1	I CA	A 86554 B 86560	8.585 9.604	0.019 0.038	10.298 0.028	8.563 0.012	11.529 0.091	9.736 0.030		265.323 632 67 265.333 561 99	+61.605 692 04 +61.605 166 74	1.55 -0.45	1.22 -5.17	3.49 5.45	2.12 13.25	2.41 11.45	1.82 4.54	1.93 4.74	2.44 5.99	A	96.34	17.103	0.00	-0.007	
17415+3752	1	F CB	A 86570 B 86570	7.961 11.716	0.006 0.174	8.367 0.010	7.896 0.010				265.366 588 26 265.366 279 83	+37.861 659 91 +37.862 001 93	5.19 5.19	-2.69 -2.69	-4.84 -4.84	0.77 22.94	0.88 29.52	0.89 0.89	0.74 0.74	0.94 0.94	A	325		1.51		
17415-5348	1	F CA	A 86569 B 86569	10.174 10.471	0.087 0.114						265.365 359 55 265.365 339 45	-53.802 937 97 -53.802 887 23	16.72 16.72	-51.02 -51.02	-29.69 -29.69	5.22 7.53	8.11 9.45	1.80 1.80	1.49 1.49	1.06 1.06	A	347		0.19		
17418+2130	1	F CA	A 86596 B 86596	7.253 8.103	0.017 0.037						265.448 800 42 265.448 847 36	+21.501 755 42 +21.501 815 85	11.08 11.08	19.73 19.73	-124.65 -124.65	1.84 3.92	2.07 4.07	0.88 0.88	0.86 0.86	0.66 0.66	A	36		0.268		
17419-0944	1	F CB	A 86606 B 86606	9.853 10.292	0.347 0.519						265.465 355 76 265.465 349 59	-9.735 357 48 -9.735 389 81	4.84 4.84	-24.62 -24.62	-62.06 -62.06	8.13 14.56	23.75 20.73	1.44 1.44	1.37 1.37	0.85 0.85	A	191		0.12		
17419-5849	1	F CA	A 86610 B 86610	8.765 10.093	0.005 0.016						265.482 051 96 265.481 513 31	-58.820 967 12 -58.820 846 00	2.21 2.21	-5.10 -5.10	-9.94 -9.94	1.54 6.41	1.28 4.89	1.65 1.65	1.62 1.62	1.18 1.18	A	293.5		1.09		
17420+1038	1	F CA	A 86625 B 86625	7.679 10.049	0.034 0.301						265.498 216 58 265.498 173 10	+10.633 138 77 +10.633 099 43	2.14 2.14	-7.66 -7.66	-16.01 -16.01	3.76 21.53	2.78 19.40	0.99 0.99	0.90 0.90	0.70 0.70	A	227		0.21		
17420+1557	1	F CC	A 86623 B 86623	5.650 9.795	0.002 0.084	5.998 0.002	5.586 0.003				265.494 326 02 265.494 590 48	+15.952 179 42 +15.951 951 69	28.15 28.15	-6.99 -6.99	103.01 103.01	0.68 37.85	0.62 39.81	0.81 0.81	0.67 0.67	0.63 0.63	A	132		1.23		



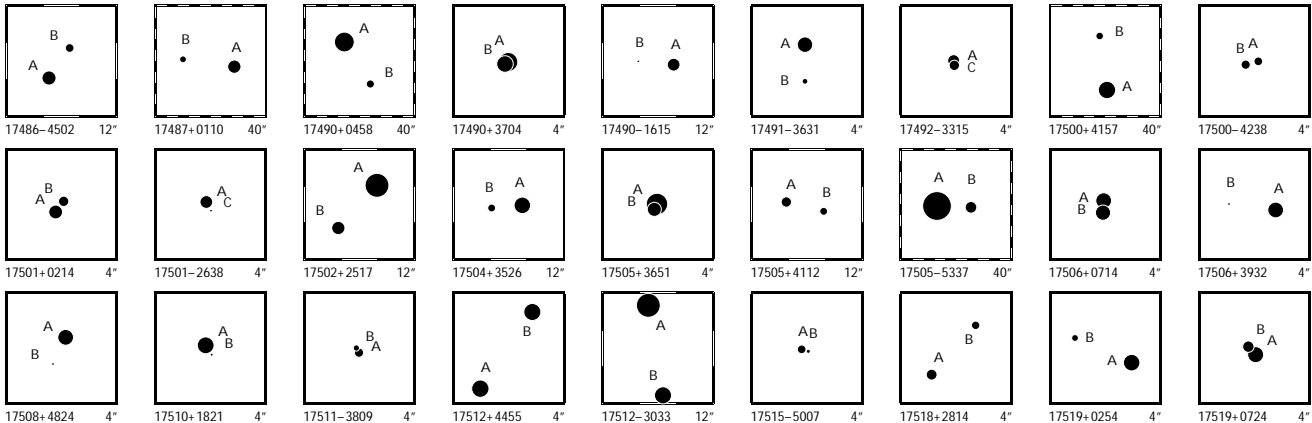
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17420+7209	1	IND	D	A 86614 B 86620	4.668 0.004 5.868 0.010	5.073 0.003 6.362 0.006	4.613 0.003 5.790 0.005	265.484 612 70 +72.149 499 16 265.491 826 76 +72.157 575 91	45.38 44.80	26.60 -269.77 34.97 -273.61	0.92 1.02 0.82 0.86 1.18 3.71 3.07 1.94 2.11 2.74	A 15.305 30.146 +0.017 -0.001														
17421-5248	1	FCA	A	A 86632 B 86632	9.807 0.012 10.059 0.014	10.221 0.026 10.442 0.043	9.541 0.023 9.858 0.044	265.520 572 88 -52.797 137 59 265.522 324 16 -52.797 866 44	11.52 11.52	-19.05 -36.51 -19.05 -36.51	3.74 2.54 3.54 3.91 2.24 8.23 4.97 3.54 3.91 2.24	A 124.5 4.63														
17422+4900	1	FCA	A	A 86638 B 86638	8.988 0.006 10.462 0.022	9.955 0.023 10.807 0.082	8.875 0.015 10.346 0.095	265.546 077 25 +49.002 555 75 265.547 246 29 +49.002 087 28	3.17 3.17	-5.94 4.75 -5.94 4.75	1.28 1.32 1.29 1.34 1.56 6.62 6.60 1.29 1.34 1.56	A 121.4 3.24														
17422-4839	1	FCA	A	A 86647 B 86647	8.138 0.007 9.322 0.018	8.493 0.020 9.816 0.046	8.068 0.020 9.175 0.040	265.561 157 49 -48.642 301 42 265.564 276 23 -48.641 478 10	11.71 11.71	22.80 5.97 22.80 5.97	1.80 1.35 1.83 1.93 1.47 7.46 4.97 1.83 1.93 1.47	A 68.22 7.99														
17424-4618	1	FCA	P	A 86658 B 86658	7.832 0.018 8.970 0.044			265.588 199 81 -46.298 860 50 265.588 100 09 -46.298 789 02	5.59 5.59	10.32 -8.18 10.32 -8.18	4.25 3.31 2.62 2.95 2.22 14.52 10.96 2.62 2.95 2.22	A 316 0.36														
17426+2633	1	FCB	A	A 86681 B 86681	7.696 0.006 11.219 0.139	8.754 0.009	7.625 0.006	265.659 826 67 +26.551 707 69 265.660 837 22 +26.553 671 82	4.52 4.52	26.66 6.60 26.66 6.60	0.84 0.98 1.24 0.98 1.13 28.05 40.18 1.24 0.98 1.13	A 24.7 7.78														
17427-2222	1	ICA	A	A 86684 B 86685	9.215 0.042 10.734 0.039	9.808 0.034 11.478 0.171	9.168 0.032 10.679 0.136	265.668 858 33 -22.369 553 83 265.670 190 49 -22.363 811 30	13.03 2.15	-2.08 -67.21 45.99 -39.46	3.89 2.76 3.13 4.62 3.22 48.19 32.93 25.04 35.67 24.40	A 12.1 21.14 +0.1 +0.04														
17428+4310	1	IND	D	A 86692 B 86697	8.398 0.006 11.092 0.050	8.688 0.011 11.410 0.098	8.352 0.012 10.802 0.087	265.702 731 29 +43.168 991 81 265.711 789 82 +43.164 028 62	6.33 8.15	11.62 -1.97 16.16 4.63	1.42 1.77 1.38 1.38 1.89 13.80 16.05 8.80 9.09 11.50	A 126.91 29.75 -0.02 0.00														
17430+0547	1	FCB	A	A 86707 B 86707	10.921 0.019 12.759 0.102			265.752 783 47 +5.789 475 98 265.752 885 71 +5.789 411 20	50.80 50.80	225.71 -60.54 225.71 -60.54	3.62 2.50 3.38 2.83 1.76 29.59 21.52 3.38 2.83 1.76	A 122 0.43														
17432+2447	1	FCA	A	A 86721 B 86721	8.089 0.004 11.371 0.077	8.813 0.010	8.013 0.008	265.794 404 55 +24.786 407 39 265.793 503 79 +24.785 960 76	12.46 12.46	-52.41 -25.38 -52.41 -25.38	0.70 0.90 1.17 0.87 1.04 18.32 28.07 1.17 0.87 1.04	A 241.4 3.35														
17433-6009	1	FCA	A	A 86729 B 86729	8.578 0.012 10.929 0.104	8.906 0.013	8.484 0.013	265.831 355 91 -60.146 049 66 265.832 891 42 -60.146 422 54	6.46 6.46	-3.53 -45.09 -3.53 -45.09	1.79 1.57 2.07 1.84 1.42 16.82 15.64 2.07 1.84 1.42	A 116.0 3.06														
17434+3357	1	FCA	B	A 86733 B 86733	8.877 0.006 9.213 0.008			265.845 393 70 +33.944 873 42 265.844 981 86 +33.944 842 00	4.38 4.38	-5.70 -6.45 -5.70 -6.45	1.35 1.53 1.73 1.33 1.59 3.17 3.03 1.73 1.33 1.59	B 264.7 1.235														
17436+2237	1	FCA	A	A 86756 B 86756	9.048 0.006 9.183 0.007			265.911 538 25 +22.612 022 52 265.911 429 81 +22.611 904 38	5.44 5.44	-19.21 -12.87 -19.21 -12.87	1.78 2.42 2.76 1.93 2.70 2.97 4.24 2.76 1.93 2.70	A 220 0.557														
17436+3447	1	ICA	A	A 86750 B 86749	7.944 0.006 10.321 0.039	9.085 0.011 10.994 0.050	7.905 0.007 9.890 0.031	265.895 958 88 +34.774 859 71 265.895 560 04 +34.779 045 68	3.74 3.27	2.38 -16.67 5.91 -19.75	1.22 1.24 1.20 1.14 1.30 12.57 13.03 9.82 9.09 10.58	A 355.53 15.12 +0.01 0.00														
17436-5701	1	FCA	A	A 86747 B 86747	6.823 0.003 8.606 0.014	6.643 0.005	6.661 0.006	265.887 889 49 -57.022 123 70 265.888 466 58 -57.022 196 34	2.67 2.67	-9.33 -11.58 -9.33 -11.58	0.83 0.68 0.95 0.95 0.63 5.26 3.54 0.95 0.95 0.63	A 103.0 1.16														
17437-3812	1	FCA	A	A 86762 B 86762	8.289 0.005 10.097 0.021	8.362 0.011 9.851 0.037	8.234 0.016 9.597 0.091	265.929 687 15 -38.195 915 95 265.929 446 17 -38.195 405 59	1.48 1.48	4.44 -3.53 4.44 -3.53	1.61 1.19 1.53 1.85 1.21 9.09 6.45 1.53 1.85 1.21	A 339.6 1.96														
17441-0434	1	FCB	A	A 86789 B 86789	9.895 0.013 12.540 0.148	10.410 0.041	9.821 0.037	266.014 732 71 -4.559 499 81 266.017 653 42 -4.558 147 96	6.85 6.85	21.93 1.82 21.93 1.82	3.15 2.42 2.87 3.40 2.29 48.59 34.65 2.87 3.40 2.29	A 65.1 11.56														
17443-7213	1	LCA	A	A 86815 B 86815	7.285 0.007 7.446 0.008			266.082 483 40 -72.221 189 31 266.082 536 72 -72.221 297 12	22.67 22.67	-8.81 109.43 44.13 107.10	1.22 1.51 1.34 1.04 1.22 2.20 1.97 1.34 1.69 1.51	A 171.4 0.393 -7.6 +0.010														
17444+0258	1	FCA	A	A 86820 B 86820	8.704 0.010 10.730 0.057	10.257 0.037 11.036 0.071	8.677 0.018 10.572 0.080	266.100 389 59 +2.967 326 13 266.098 559 43 +2.968 466 06	1.91 1.91	-4.83 -3.11 -4.83 -3.11	2.22 1.61 2.20 2.03 1.54 21.76 17.36 2.20 2.03 1.54	A 302.0 7.75														
17445+1900	1	FCA	A	A 86828 B 86828	8.857 0.006 9.976 0.017			266.133 949 95 +18.992 208 36 266.133 661 23 +18.992 099 38	0.82 0.82	-2.90 -4.39 -2.90 -4.39	1.54 1.50 1.91 1.59 1.66 6.06 5.06 1.91 1.59 1.66	A 248.2 1.06														
17446+0235	1	ICA	A	A 86831 B 86835	6.163 0.037 6.437 0.040	6.232 0.006 6.565 0.008	6.137 0.006 6.497 0.011	266.142 035 43 +2.579 407 51 266.147 773 30 +2.579 096 50	7.09 6.01	7.21 13.64 5.15 12.83	3.04 2.30 2.74 2.62 2.16 17.07 10.83 5.76 5.32 4.35	A 93.11 20.67 0.00 0.00														
17448+3108	1	FCA	A	A 86861 B 86861	8.199 0.005 9.078 0.011	8.641 0.012 9.402 0.024	8.123 0.012 8.873 0.023	266.211 764 59 +31.131 822 16 266.210 960 85 +31.132 933 44	9.88 9.88	-26.57 10.74 -26.57 10.74	0.92 1.03 1.14 0.88 1.00 3.27 3.60 1.14 0.88 1.00	A 328.24 4.705														
17448-2635	1	FCA	A	A 86858 B 86858	8.964 0.007 12.261 0.135	9.334 0.026	8.931 0.027	266.202 924 62 -26.588 835 95 266.203 463 53 -26.589 426 83	10.21 10.21	-14.26 -42.76 -14.26 -42.76	1.55 1.09 1.55 1.91 1.27 39.17 30.24 1.55 1.91 1.27	A 141 2.74														
17449+3752	1	FCC	A	A 86865 B 86865	8.849 0.009 13.323 0.526	8.794 0.010	8.862 0.014	266.220 106 00 +37.868 936 26 266.219 145 31 +37.867 983 75	3.72 3.72	-3.75 6.50 -3.75 6.50	1.00 0.93 1.06 0.99 0.97 75.02 68.60 1.06 0.99 0.97	A 219 4.38														
17449-1839	1	FND	D	A 86873 B 86873	8.509 0.026 12.221 0.769	11.978 0.208	8.878 0.024	266.235 315 88 -18.657 306 99 266.234 914 04 -18.657 756 19	-0.58 -0.58	5.80 -3.78 5.80 -3.78	3.01 2.25 2.96 3.34 2.47 111.55 83.25 2.96 3.34 2.47	A 220 2.12														
17450-1646	1	FCA	A	A 86875 B 86875	8.623 0.054 9.172 0.089			266.246 868 97 -16.762 949 24 266.246 849 81 -16.762 887 20	5.07 5.07	-0.74 7.07 -0.74 7.07	3.66 6.63 1.51 1.71 1.22 6.49 8.97 1.51 1.71 1.22	A 344 0.23														
17452-7459	1	FCA	A	A 86888 B 86888	9.357 0.006 10.989 0.025	10.571 0.026 11.640 0.100	9.248 0.014 10.543 0.063	266.290 954 02 -74.980 241 55 266.291 805 20 -74.981 034 08	6.01 6.01	-16.18 27.77 -16.18 27.77	1.07 1.38 1.51 1.17 1.50 6.47 8.12 1.51 1.17 1.50	A 164.4 2.96														



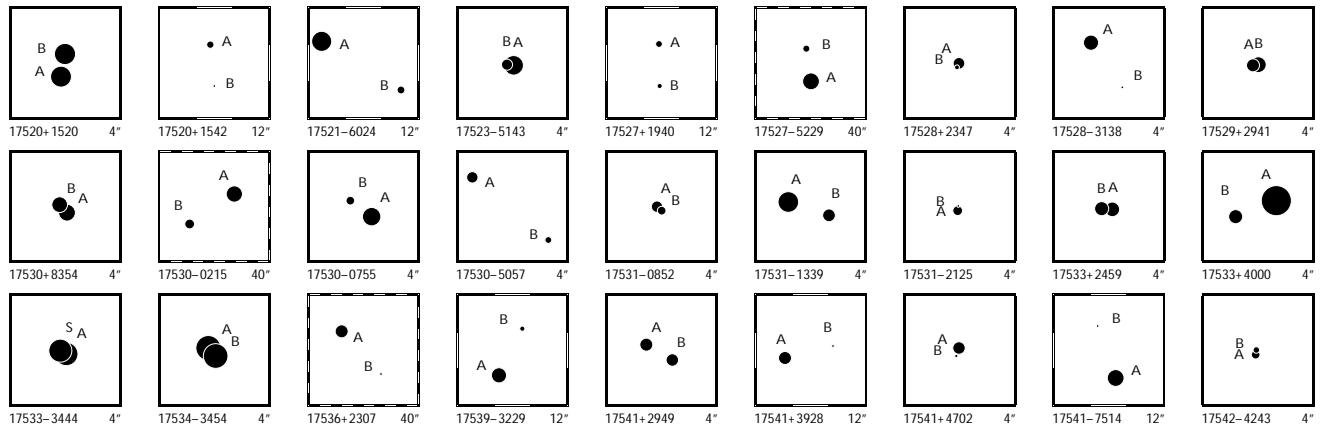
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17453-7832	1	IND	D	A 86895 B 86896	12.708 13.504	0.055 0.110					266.328 408 02 266.331 616 11	-78.531 800 35 -78.535 814 75	11.37 13.05	2.45 17.64	-0.92 -13.58	6.11 50.77	6.89 57.45	6.58 26.44	6.81 27.43	7.32 29.58	A	171.0	14.63	-0.1	+0.01
17455+3554	1	FCC	A	A 86908 B 86908	8.120 12.217	0.004 0.158					266.368 631 52 266.368 861 12	+35.893 304 51 +35.893 347 82	8.23 8.23	14.12 14.12	8.42 8.42	0.86 43.50	0.86 54.03	0.97 0.97	0.93 0.93	0.85 0.85	A	77	0.69		
17456-0330	1	FCA	A	A 86917 B 86917	8.414 9.795	0.005 0.015					266.392 713 41 266.392 586 18	-3.504 498 50 -3.504 655 26	3.83 3.83	12.18 12.18	0.93 0.93	1.77 7.41	1.22 4.59	1.71 1.71	1.49 1.49	1.16 1.16	A	219	0.73		
17456-5047	1	LCA	A	A 86921 B 86921	8.139 8.190	0.006 0.006					266.411 915 06 266.411 894 68	-50.781 629 21 -50.781 945 86	8.94 8.94	-8.36 -0.24	-100.24 -100.44	2.47 3.31	1.63 2.77	2.14 2.14	2.16 3.00	1.19 2.37	A	182.3	1.141	-0.4	0.000
17457-5859	1	FCC	A	A 86928 B 86928	8.920 12.639	0.007 0.208	9.442	0.017	8.857	0.016	266.433 065 29 266.431 122 55	-58.979 619 54 -58.979 013 60	14.36 14.36	-32.00 -32.00	-41.86 -41.86	2.16 94.94	1.86 73.56	2.42 2.42	2.17 2.17	1.60 1.60	A	301	4.21		
17459+2153	1	ICA	A	A 86941 B 86942	8.338 9.279	0.008 0.015	8.422	0.010	8.272	0.012	266.478 251 97 266.483 110 81	+21.888 162 98 +21.882 871 36	4.22 5.60	-11.79 -8.29	3.61 7.10	1.99 5.45	1.99 5.62	2.21 4.56	2.33 4.62	2.15 4.16	A	139.57	25.027	-0.01	0.000
17460+3919	1	FCA	P	A 86946 B 86946	6.695 10.231	0.003 0.073	8.236	0.009	6.688	0.005	266.493 520 06 266.492 977 20	+39.322 503 73 +39.324 656 72	2.92 2.92	5.35 5.35	13.98 13.98	0.60 19.64	0.60 17.89	0.65 0.65	0.61 0.61	0.64 0.64	A	349.0	7.90		
17460-3435	1	FCB	A	A 86947 B 86947	9.873 10.458	0.384 0.659					266.503 636 67 266.503 654 75	-34.585 721 04 -34.585 692 03	5.19 5.19	2.22 2.22	8.92 8.92	11.92 19.66	19.83 30.63	1.96 1.96	1.63 1.63	0.95 0.95	A	27	0.12		
17462+5357	1	FCB	A	A 86959 B 86959	9.190 12.333	0.009 0.154					266.543 664 28 266.543 442 09	+53.949 725 85 +53.949 761 26	3.80 3.80	-6.91 -6.91	17.89 17.89	1.91 40.70	1.66 40.80	1.33 1.33	1.46 1.46	1.56 1.56	A	285	0.49		
17462-3206	1	LFD	D	A 86963 B 86961	11.200 13.371	0.058 0.255					266.560 282 43 266.552 763 44	-32.101 656 81 -32.102 773 28	161.77 161.77	-77.62 -49.82	-270.12 -319.82	12.33 89.41	8.74 68.55	11.29 11.29	13.61 92.85	7.75 47.25	A	260.1	23.28	-0.1	-0.02
17462-5920	1	FCB	A	A 86958 B 86958	8.900 10.666	0.164 0.834					266.543 803 76 266.543 710 30	-59.339 888 63 -59.339 871 85	2.80 2.80	7.47 7.47	-2.66 -2.66	12.84 70.24	4.02 41.90	1.20 1.20	0.97 0.97	0.72 0.72	A	289	0.18		
17466-0113	1	FCA	A	A 86995 B 86995	9.267 10.511	0.009 0.028	9.860	0.026	9.198	0.023	266.664 168 09 266.666 777 93	-1.214 407 94 -1.215 654 59	6.76 6.76	-9.18 -9.18	6.54 6.54	2.32 10.36	1.88 6.79	2.24 2.24	2.43 2.43	1.87 1.87	A	115.54	10.41		
17467+1447	1	FCA	A	A 86996 B 86996	8.862 8.981	0.006 0.007	9.317	0.019	8.772	0.018	266.667 464 66 266.665 519 12	+14.779 052 39 +14.779 510 55	6.71 6.71	-13.97 -13.97	11.54 11.54	1.86 3.48	1.65 2.38	2.56 2.56	2.19 2.19	1.70 1.70	A	283.69	6.970		
17467-2131	1	IND	D	A 86998 B 87000	9.324 11.393	0.041 0.219	9.798	0.036	9.330	0.038	266.668 041 17 266.669 777 75	-21.511 195 61 -21.505 390 34	4.92 27.84	2.60 -6.46	-15.65 17.95	3.72 75.29	2.49 49.84	3.02 40.94	5.13 58.01	2.89 40.13	A	15.6	21.69	0.0	+0.03
17470-4330	1	ICD	D	A 87033 B 87029	7.592 10.661	0.009 0.141	7.528	0.007	7.612	0.010	266.741 182 89 266.738 458 84	-43.493 454 99 -43.490 016 50	1.86 8.85	-0.12 -0.93	-0.39 -72.09	2.07 50.88	1.57 39.67	1.80 24.05	2.30 39.55	1.56 28.14	A	330.1	14.28	-0.1	-0.06
17471+1742	1	FCA	A	A 87044 B 87044	5.912 7.251	0.002 0.008					266.783 497 46 266.783 339 77	+17.697 040 78 +17.697 022 43	8.86 8.86	11.07 11.07	-11.19 -11.19	0.80 2.13	0.71 2.99	0.82 0.82	0.85 0.85	0.68 0.68	A	263.0	0.545		
17471+4737	1	FCC	A	A 87045 B 87045	6.560 9.846	0.020 0.418					266.783 522 58 266.783 583 56	+47.612 225 42 +47.612 171 56	7.60 7.60	-13.94 -13.94	6.63 6.63	2.31 43.68	3.47 49.06	0.82 0.82	0.75 0.75	0.86 0.86	A	143	0.24		
17471-3807	1	FCA	A	A 87042 B 87042	6.762 7.818	0.040 0.107					266.780 397 61 266.780 394 73	-38.112 083 97 -38.112 131 89	8.55 8.55	-3.36 -3.36	-27.60 -27.60	1.98 4.93	3.70 7.85	0.83 0.83	0.88 0.88	0.58 0.58	A	183	0.17		
17472+1502	1	FCA	A	A 87047 B 87047	8.500 9.124	0.006 0.010					266.788 152 01 266.788 207 04	+15.037 217 14 +15.037 110 73	2.46 2.46	-4.34 -4.34	-7.50 -7.50	1.42 2.97	1.41 2.92	1.63 1.63	1.35 1.35	1.14 1.14	A	153	0.428		
17475-1806	1	FCA	A	A 87061 B 87061	7.612 10.300	0.005 0.059					266.862 875 95 266.862 678 24	-18.107 107 67 -18.106 908 92	7.28 7.28	1.68 1.68	-4.85 -4.85	1.58 21.66	1.10 8.20	1.38 1.38	1.61 1.61	1.02 1.02	A	317	0.98		
17479-4433	1	FCA	A	A 87104 B 87104	8.561 10.963	0.007 0.060					266.964 819 71 266.965 049 51	-44.543 567 62 -44.543 612 48	6.07 6.07	-17.89 -17.89	-22.39 -22.39	1.87 17.32	1.31 13.21	1.61 1.61	1.95 1.95	1.25 1.25	A	105	0.61		
17482-2801	1	FCA	A	A 87136 B 87136	9.503 10.128	0.217 0.386					267.058 497 77 267.058 492 38	-28.014 759 81 -28.014 719 22	-0.12 -0.12	1.41 1.41	-7.18 -7.18	6.46 11.14	18.57 20.14	1.48 1.48	1.76 1.76	1.20 1.20	A	353	0.15		
17482-3644	1	FCA	A	A 87139 B 87139	8.892 9.532	0.007 0.012	8.654	0.019	8.651	0.025	267.061 100 23 267.061 317 77	-36.730 605 36 -36.730 278 08	1.92 1.92	-0.58 -0.58	-2.76 -2.76	3.01 9.14	2.03 5.72	2.69 2.69	2.82 2.82	1.66 1.66	A	28.0	1.33		
17482-4630	1	FCA	A	A 87133 B 87133	10.837 11.671	0.034 0.074					267.046 020 60 267.046 107 39	-46.503 894 42 -46.503 966 46	3.65 3.65	1.16 1.16	1.52 1.52	5.70 18.45	4.44 12.74	3.30 3.30	3.43 3.43	2.31 2.31	A	140	0.34		
17484-8154	1	FCA	A	A 87160 B 87160	8.962 9.298	0.008 0.010	10.001	0.027	8.877	0.018	267.098 817 07 267.116 878 29	-81.895 509 29 -81.894 494 24	3.55 3.55	-9.07 -9.07	-27.09 -27.09	1.92 4.46	1.79 3.54	2.14 2.14	1.83 1.83	2.02 2.02	A	68.28	9.87		
17486+2339	1	FCA	A	A 87166 B 87166	8.630 10.500	0.006 0.031	9.714	0.013	8.506	0.009	267.140 246 39 267.139 937 55	+23.652 565 60 +23.652 390 67	3.74 3.74	-8.17 -8.17	21.32 21.32	0.78 6.11	1.21 9.29	1.63 1.63	0.92 0.92	1.40 1.40	A	238.3	1.20		
17486-1854	1	FCB	A	A 87176 B 87176	10.410 12.786	0.018 0.155	11.229	0.112	10.297	0.076	267.160 960 94 267.160 268 02	-18.896 197 48 -18.897 019 08	8.69 8.69	-69.89 -69.89	-98.36 -98.36	6.00 94.21	4.02 41.77	5.08 5.08	5.78 5.78	3.52 3.52	A	219	3.78		



System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17486-4502	1	FCA	A 87171 B 87171	8.866 0.007 10.097 0.021	9.176 0.020 10.521 0.096	8.798 0.022 10.173 0.129		267.156 190 64 267.155 281 84	-45.027 583 94 -45.026 670 01	7.43 7.43	7.22 7.22	19.63 19.63	2.22 7.84	1.78 6.27	1.95 1.95	2.51 2.51	1.77 1.77	A 324.9	4.02							
17487+0110	1	FFD	D A 87186 B 87187	9.066 0.052 10.474 0.167	10.370 0.055 11.656 0.131	8.977 0.029 11.138 0.133		267.182 626 83 267.187 797 09	+1.164 204 83 +1.164 977 68	5.15 5.15	-2.79 -2.79	-0.95 -0.95	4.99 75.84	3.44 59.92	4.05 4.05	4.78 4.05	3.38 3.38	A 81.5	18.82							
17490+0458	1	ICA	A 87202 B 87201	7.610 0.010 10.187 0.092	8.019 0.008 10.433 0.042	7.542 0.008 9.658 0.032		267.241 007 01 267.238 370 57	+4.967 639 81 +4.963 265 72	10.90 0.84	-2.65 1.30	-34.53 -14.91	1.43 30.49	1.15 23.33	1.38 15.23	1.53 22.35	1.26 16.49	A 211.0	18.37	0.0	-0.02					
17490+3704	1	LCA	A 87204 B 87204	7.821 0.106 8.315 0.167				267.242 789 92 267.242 829 93	+37.061 943 89 +37.061 919 02	18.80 18.80	50.16 71.63	-80.60 -90.01	6.58 8.91	5.29 7.84	0.63 0.63	1.99 3.27	2.96 4.61	A 128	0.15	-2	+0.02					
17490-1615	1	FCA	A 87207 B 87207	9.150 0.006 11.856 0.073	10.086 0.047	8.990 0.032		267.254 615 64 267.255 741 02	-16.249 898 63 -16.249 812 18	24.29 24.29	3.26 3.26	-34.05 -34.05	1.97 27.38	1.22 13.30	2.01 2.01	1.94 1.94	1.04 1.04	A 85.4	3.90							
17491-3631	1	FCB	A 87218 B 87218	8.589 0.022 10.726 0.155	8.509 0.015	8.586 0.022		267.283 291 02 267.283 295 71	-36.523 270 59 -36.523 647 11	0.44 0.44	1.05 1.05	-3.77 -3.77	2.65 17.39	1.87 14.45	2.56 2.56	2.75 2.75	1.57 1.57	A 179	1.36							
17492-3315	1	FCA	A 87221 B 87221 C 87221	9.332 0.121 9.737 0.175				267.295 893 85 267.295 893 85	-33.250 210 25 -33.250 210 25	-5.82 -5.82	3.04 3.04	0.73 0.73	5.08 7.34	10.45 14.46	1.53 1.53	1.58 1.58	1.01 1.01	A 184	0.17							
17500+4157	1	ICA	A 87274 B 87275	8.137 0.018 10.343 0.108	8.435 0.009 10.662 0.046	8.058 0.009 9.961 0.039		267.494 828 97 267.495 707 33	+41.955 263 58 +41.960 912 77	8.49 2.64	17.08 8.65	-40.11 -37.09	1.51 22.78	1.49 26.98	1.33 10.74	1.42 12.59	1.60 18.78	A 6.60	20.47	-0.02	0.00					
17500-4238	1	FCA	B 87279 A 87279	9.977 0.020 10.103 0.023				267.509 143 39 267.508 974 85	-42.635 495 45 -42.635 454 68	7.06 7.06	-0.18 -0.18	-28.45 -28.45	6.56 6.92	4.69 4.85	4.10 4.10	4.60 4.60	2.73 2.73	B 288	0.47							
17501+0214	1	FCA	A 87284 B 87284	8.961 0.008 9.692 0.015				267.524 788 65 267.524 706 69	+2.230 572 80 +2.230 678 28	2.61 2.61	1.81 1.81	-0.20 -0.20	2.93 6.70	2.50 5.02	2.46 2.46	2.67 2.67	2.31 2.31	A 322	0.481							
17501-2638	1	FCA	A 87281 C 87281	9.198 0.008 12.019 0.107				267.521 141 35 267.521 085 79	-26.628 729 55 -26.628 824 91	1.44 1.44	-2.83 -2.83	-6.06 -6.06	2.35 37.18	1.68 25.07	1.78 1.78	2.02 2.02	1.33 1.33	A 208	0.39							
17502+2517	1	FCA	A 87297 B 87297	6.746 0.003 9.080 0.022	6.792 0.003 9.286 0.015	6.699 0.004 8.853 0.016		267.562 487 25 267.563 791 49	+25.290 967 56 +25.289 649 01	6.36 6.36	9.62 9.62	12.85 12.85	0.49 4.57	0.60 5.28	0.77 0.77	0.56 0.56	0.65 0.65	A 138.19	6.368							
17504+3526	1	FFC	A 87309 B 87309	8.334 0.012 10.233 0.068	8.769 0.010 10.576 0.087	8.255 0.010 10.144 0.104		267.596 681 91 267.597 839 48	+35.437 421 13 +35.437 325 55	6.63 6.63	-15.18 -15.18	4.94 4.94	2.51 28.38	3.45 34.05	3.30 3.30	2.89 2.89	3.82 3.82	A 96	3.41							
17505+3651	1	FCA	A 87319 B 87319	7.277 0.018 8.871 0.079				267.631 255 60 267.631 290 10	+36.846 129 10 +36.846 070 77	3.09 3.09	-6.37 -6.37	-0.45 -0.45	2.04 8.81	2.42 8.41	0.66 0.66	0.61 0.61	0.65 0.65	A 155	0.23							
17505+4112	1	FCA	A 87313 B 87313	9.690 0.007 10.240 0.011	10.070 0.028 10.643 0.049	9.493 0.025 10.074 0.046		267.613 129 89 267.611 623 31	+41.199 820 32 +41.199 536 88	2.16 2.16	17.43 17.43	-6.08 -6.08	1.77 3.62	1.89 4.21	1.86 1.86	1.79 1.79	1.79 1.79	A 256.0	4.207							
17505-5337	1	FCB	A 87314 B 87314	5.650 0.005 9.401 0.160	5.546 0.014 9.206 0.021	5.661 0.014 9.224 0.030		267.618 292 97 267.612 519 65	-53.612 380 82 -53.612 535 64	3.96 3.96	2.43 2.43	-10.42 -10.42	0.90 32.91	0.63 23.62	0.94 0.94	0.95 0.95	0.59 0.59	A 267.4	12.34							
17506+0714	1	LCA	A 87325 B 87325	8.492 0.007 8.657 0.008				267.645 378 38 267.645 390 33	+7.232 762 92 +7.232 641 92	10.26 10.26	7.08 12.63	23.12 18.16	1.83 2.91	1.71 2.26	1.90 1.90	1.39 1.73	1.19 1.55	A 174.4	0.438	-0.7	+0.005					
17506+3932	1	FCA	A 87323 B 87323	8.501 0.004 11.530 0.067	8.955 0.012	8.437 0.012		267.642 542 11 267.643 163 29	+39.525 289 09 +39.525 353 91	12.38 12.38	-0.40 -0.40	85.92 85.92	0.98 18.57	1.05 21.63	1.07 1.07	1.08 1.08	1.34 1.34	A 82	1.74							
17508+4824	1	FCA	A 87340 B 87340	8.522 0.006 11.610 0.095	9.487 0.018	8.434 0.012		267.696 464 64 267.696 658 11	+48.397 880 10 +48.397 609 00	2.59 2.59	-1.26 -1.26	21.02 21.02	1.06 23.46	1.05 28.74	1.06 1.06	1.14 1.14	1.14 1.14	A 155	1.08							
17510+1821	1	LCA	A 87355 B 87355	8.259 0.006 11.321 0.097				267.745 232 44 267.745 165 75	+18.350 114 59 +18.350 016 33	4.46 4.46	1.08 -29.95	2.35 48.29	2.15 43.31	1.91 32.70	1.65 1.65	1.52 22.24	1.14 14.87	A 213	0.42	+7	-0.02					
17511-3809	1	LCA	A 87372 B 87372	9.963 0.122 10.609 0.221				267.782 591 09 267.782 618 74	-38.154 378 61 -38.154 332 75	10.50 10.50	-40.41 -12.98	-58.10 -46.65	6.83 11.49	10.75 16.82	1.45 1.45	5.83 9.96	3.47 6.20	A 25	0.18	+6	+0.02					
17512+4455	1	FCA	A 87377 B 87377	8.131 0.008 8.223 0.008	8.556 0.032	8.098 0.032		267.792 732 59 267.791 986 46	+44.907 715 97 +44.908 503 77	9.42 9.42	70.69 70.69	16.48 16.48	1.46 2.91	1.48 2.91	1.49 1.49	1.46 1.46	1.52 1.52	A 326.1	3.415							
17512-3033	1	ICA	A 87381 B 87380	6.720 0.007 8.198 0.022	6.723 0.006 8.227 0.016	6.704 0.010 8.099 0.019		267.802 291 80 267.801 749 64	-30.556 862 59 -30.559 629 74	2.59 4.76	10.97 30.93	-2.68 -2.96	2.32 9.78	1.71 7.18	1.55 5.27	3.42 11.93	2.25 6.63	A 189.6	10.10	-0.1	0.00					
17515-5007	1	FCA	A 87389 B 87389	10.074 0.122 11.119 0.319				267.883 351 01 267.883 244 59	-50.115 237 45 -50.115 250 74	1.94 1.94	6.33 6.33	-14.00 -14.00	13.99 39.65	4.91 13.69	2.17 2.17	2.46 2.46	1.28 1.28	A 259	0.25							
17518+2814	1	FCA	A 87407 B 87407	9.575 0.010 10.111 0.015	9.885 0.022 10.300 0.033	9.274 0.022 9.605 0.034		267.939 016 46 267.938 510 23	+28.237 751 46 +28.238 260 31	6.78 6.78	19.35 19.35	-18.13 -18.13	1.47 3.83	1.70 5.04	1.88 1.88	1.60 1.60	1.77 1.77	A 318.8	2.44							
17519+0254	1	FCA	A 87417 B 87417	8.369 0.008 10.494 0.056	8.450 0.012	8.258 0.014		267.968 978 39 267.969 564 50	+2.899 833 51 +2.900 092 25	2.92 2.92	-13.51 -13.51	-9.62 -9.62	1.70 15.16	1.39 11.50	1.71 1.71	2.17 2.17	1.76 1.76	A 66.2	2.30							
17519+0724	1	FCA	A 87423 B 87423	8.480 0.007 9.509 0.017				267.982 691 21 267.982 765 44	+7.396 539 73 +7.396 616 84	0.64 0.64	-2.65 -2.65	-8.59 -8.59	2.10 6.93	1.81 5.90	1.70 1.70	1.42 1.42	1.16 1.16	A 44	0.384							

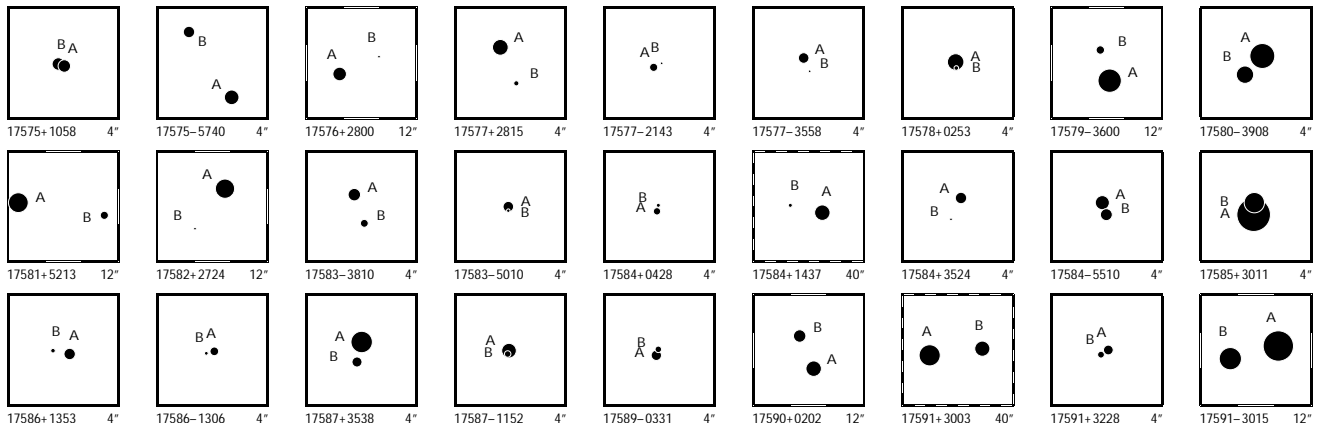


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
17520+1520	1	F CA	B 87427 A 87427	7.345 7.361	0.004 0.004						267.993 603 55 +15.326 274 17 267.993 646 49 +15.326 044 96	7.40 7.40	-6.88 -6.88	40.23 40.23	1.80 1.58 2.00 1.88 1.48 2.05 1.84 2.00 1.88 1.48							B 169.8 0.839				
17520+1542	1	F ND	D A 87437 B 87437	10.351 13.827	0.016 0.372	11.102 0.053	10.249 0.040				268.004 063 32 +15.704 606 27 268.003 946 33 +15.703 353 06	12.67 12.67	-128.53 -128.53	-153.75 -153.75	2.12 2.31 2.62 2.19 2.37 95.15 98.04 2.62 2.19 2.37							A 185 4.53				
17521-6024	1	F CA	A 87447 B 87447	7.542 10.277	0.004 0.046	7.832 0.008	7.475 0.009	10.857 0.074	10.016 0.056		268.019 651 28 -60.393 444 75 268.014 761 12 -60.394 945 78	11.30 11.30	16.96 16.96	-67.72 -67.72	0.87 0.81 1.07 0.97 0.80 12.06 11.41 1.07 0.97 0.80							A 238.1 10.24				
17523-5143	1	F CA	A 87469 B 87469	7.669 9.563	0.033 0.186						268.077 251 56 -51.713 937 29 268.077 363 58 -51.713 929 83	11.67 11.67	22.00 22.00	40.79 40.79	4.97 1.39 1.12 1.05 0.66 16.70 7.25 1.12 1.05 0.66							A 84 0.25				
17527+1940	1	F CB	A 87499 B 87499	10.489 10.832	0.011 0.015	10.783 0.044	10.344 0.049	11.252 0.064	10.765 0.068		268.169 747 91 +19.659 696 06 268.169 725 72 +19.658 382 00	6.32 6.32	-9.21 -9.21	-6.90 -6.90	2.77 2.53 3.27 2.71 2.38 5.76 6.23 3.27 2.71 2.38							A 180.9 4.73				
17527-5229	1	I CA	A 87502 B 87503	8.257 10.417	0.005 0.033	8.236 0.009	8.232 0.011	10.094 0.027	9.979 0.035		268.172 397 35 -52.480 401 11 268.173 179 37 -52.477 009 81	1.73 6.03	0.80 16.18	-7.39 -6.63	2.36 1.57 1.98 2.74 1.58 17.72 11.06 11.60 16.39 8.98							A 8.0 12.33 +0.1 0.00				
17528+2347	1	F CC	A 87519 B 87519	9.431 10.899	0.165 0.639						268.209 696 11 +23.776 025 60 268.209 721 67 +23.775 988 63	0.30 0.30	1.59 1.59	1.97 1.97	7.89 8.70 1.13 0.64 1.05 32.29 48.25 1.13 0.64 1.05							A 148 0.16				
17528-3138	1	F CC	A 87508 B 87508	8.620 12.393	0.007 0.178	8.563 0.019	8.590 0.024				268.189 678 93 -31.635 454 38 268.189 292 39 -31.635 917 28	0.65 0.65	0.10 0.10	-1.46 -1.46	1.82 1.45 1.72 2.50 1.86 57.32 42.05 1.72 2.50 1.86							A 215 2.04				
17529+2941	1	F CA	B 87524 A 87524	8.495 9.094	0.056 0.097						268.219 115 27 +29.680 469 17 268.219 174 02 +29.680 462 75	1.65 1.65	-0.72 -0.72	-1.80 -1.80	5.36 2.59 0.89 0.77 0.80 7.90 5.42 0.89 0.77 0.80							B 97 0.185				
17530+8354	1	F CA	A 87534 B 87534	8.305 8.512	0.008 0.009						268.245 712 97 +83.907 523 55 268.246 476 64 +83.907 604 86	4.10 4.10	3.28 3.28	7.98 7.98	1.82 1.76 1.24 1.20 1.27 2.20 2.16 1.24 1.20 1.27							A 44.9 0.413				
17530-0215	1	F CA	A 87536 B 87537	8.429 9.812	0.036 0.106	10.410 0.047	8.462 0.018	11.698 0.133	9.914 0.044		268.247 446 57 -2.257 450 16 268.252 078 92 -2.260 503 56	1.65 1.65	1.01 -8.24	2.63 -15.27	3.24 2.31 2.61 2.65 2.01 30.33 22.07 2.61 13.37 10.27							A 123.4 19.96				
17530-0755	1	F CA	A 87533 B 87533	7.901 10.066	0.006 0.041						268.244 516 92 -7.918 900 43 268.244 738 47 -7.918 739 86	15.08 15.08	-62.82 -62.82	-255.27 -255.27	1.69 1.06 1.70 1.84 1.08 19.52 8.36 1.70 1.84 1.08							A 54 0.98				
17530-5057	1	F CA	A 87535 B 87535	9.485 10.518	0.011 0.027	9.868 0.022	9.367 0.022	11.026 0.063	10.330 0.052		268.246 807 16 -50.948 258 03 268.245 569 76 -50.948 897 43	6.30 6.30	5.73 5.73	29.07 29.07	2.54 1.65 2.44 2.80 1.59 8.59 6.04 2.44 2.80 1.59							A 230.6 3.63				
17531-0852	1	F CB	A 87545 B 87545	9.494 10.105	0.099 0.173						268.275 915 01 -8.860 843 95 268.275 867 46 -8.860 888 30	1.34 1.34	-1.65 -1.65	-10.55 -10.55	36.96 34.38 2.55 2.89 2.22 58.57 52.96 2.55 2.89 2.22							A 227 0.23				
17531-1339	1	F CA	A 87544 B 87544	7.451 9.164	0.004 0.020	7.806 0.012	7.275 0.013				268.270 965 93 -13.650 176 24 268.270 539 00 -13.650 319 25	16.51 16.51	18.03 18.03	-22.04 -22.04	1.33 0.83 1.34 1.60 0.92 6.52 4.42 1.34 1.60 0.92							A 251.0 1.58				
17531-2125	1	F CB	A 87546 B 87546	9.827 11.426	0.127 0.555						268.279 500 53 -21.412 382 87 268.279 497 70 -21.412 341 26	5.06 5.06	3.11 3.11	-29.16 -29.16	9.76 8.39 1.73 2.42 1.00 44.29 41.95 1.73 2.42 1.00							A 356 0.15				
17533+2459	1	L CA	A 87565 B 87565	8.761 8.896	0.009 0.011						268.327 673 07 +24.991 499 83 268.327 789 53 +24.991 504 03	19.81 19.81	-64.27 -77.17	-47.42 -59.41	1.85 1.91 1.87 1.50 1.73 2.37 3.24 1.87 1.77 2.54							A 88 0.380 +2 -0.013				
17533+4000	1	F CA	A 87563 B 87563	5.355 8.903	0.002 0.058	6.719 0.006	5.304 0.003				268.325 090 92 +40.007 837 07 268.325 636 76 +40.007 663 99	8.97 8.97	7.85 7.85	50.36 50.36	0.50 0.50 0.53 0.49 0.53 14.37 14.10 0.53 0.49 0.53							A 112 1.63				
17533-3444	1	F CA	A 87567 S 87567	6.863 6.918	0.033 0.035						268.331 542 14 -34.730 810 63 268.331 615 25 -34.730 773 17	3.95 3.95	1.65 1.65	-8.07 -8.07	5.96 5.74 1.12 1.61 1.10 8.94 7.99 1.12 1.61 1.10							A 58 0.25				
17534-3454	1	F CB	A 87569 B 87569	6.462 6.534	0.018 0.019						268.347 794 37 -34.895 109 76 268.347 707 99 -34.895 194 27	3.09 3.09	2.38 2.38	-6.15 -6.15	4.40 3.38 2.96 3.64 2.58 8.01 6.06 2.96 3.64 2.58							A 220 0.397				
17536+2307	1	I CB	A 87597 B 87595	9.092 11.863	0.023 0.238	10.490 0.026	9.045 0.013	12.142 0.144	11.252 0.097		268.406 715 03 +23.121 196 61 268.402 337 90 +23.116 863 80	1.42 -24.93	-3.55 -17.84	-14.30 31.94	1.27 1.93 2.03 1.45 1.95 49.57 75.19 57.63 42.25 55.61							A 222.9 21.29 +0.1 -0.02				
17539-3229	1	F CA	A 87613 B 87613	8.669 10.842	0.007 0.052	9.783 0.035	8.604 0.023	10.909 0.115	10.225 0.105		268.468 678 36 -32.478 081 96 268.467 841 05 -32.476 665 56	5.28 5.28	0.52 0.52	7.63 7.63	2.05 1.48 1.88 2.52 1.76 12.91 10.37 1.88 2.52 1.76							A 333.5 5.70				
17541+2949	1	F CA	A 87644 B 87644	9.091 9.226	0.007 0.007						268.533 552 08 +29.812 468 67 268.533 244 76 +29.812 314 77	5.78 5.78	5.66 5.66	-8.71 -8.71	1.68 2.01 2.11 1.77 2.08 3.09 3.40 2.11 1.77 2.08							A 240.0 1.108				
17541+3928	1	F CA	A 87634 B 87634	9.141 11.436	0.007 0.056	9.566 0.015	9.045 0.015	11.776 0.144	10.846 0.089		268.517 154 50 +39.463 684 92 268.515 253 32 +39.464 051 49	8.27 8.27	-4.65 -4.65	34.07 34.07	1.27 1.33 1.38 1.30 1.38 13.21 13.97 1.38 1.30 1.38							A 284.0 5.45				
17541+4702	1	F CA	A 87641 B 87641	9.213 11.253	0.024 0.156						268.530 728 56 +47.037 124 19 268.530 766 48 +47.037 042 30	5.78 5.78	16.33 16.33	4.03 4.03	2.63 4.33 1.12 1.10 1.33 17.54 17.42 1.12 1.10 1.33							A 162 0.31				
17541-7514	1	F CB	A 87638 B 87638	8.295 11.819	0.008 0.194	8.893 0.017	8.238 0.015				268.523 401 90 -75.237 394 40 268.525 595 52 -75.235 797 68	19.21 19.21	-54.50 -54.50	-174.83 -174.83	1.16 1.51 1.72 1.22 1.75 38.10 60.70 1.72 1.22 1.75							A 19.3 6.09				
17542-4243	1	F CA	A 87646 B 87646	10.099 10.580	0.202 0.314						268.539 281 61 -42.716 544 48 268.539 275 19 -42.716 496 57	-0.64 -0.64	0.22 0.22	-5.48 -5.48	10.15 15.75 1.68 2.01 1.23 15.68 26.91 1.68 2.01 1.23							A 354 0.17				

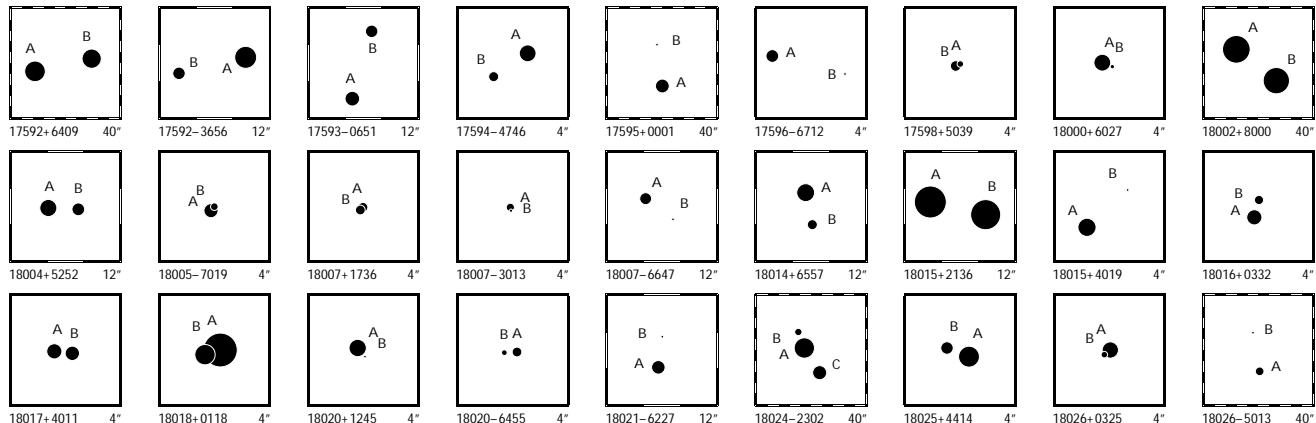


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
17543+5357	1	F	A	B	87662	10.694	0.021					268.576 619 27	+53.955 350 35	3.10	6.78	-16.52	3.68	2.90	2.27	2.83	2.33						
				A	87662	10.974	0.028					268.576 446 35	+53.955 327 79	3.10	6.78	-16.52	5.67	6.08	2.27	2.83	2.33	B	257		0.38		
17543-2558	1	F	A	B	87661	9.615	0.020					268.576 446 72	-25.962 134 83	5.88	31.66	-0.45	3.07	2.26	1.61	1.75	0.97						
				B	87661	10.233	0.035					268.576 513 71	-25.962 069 17	5.88	31.66	-0.45	6.69	4.29	1.61	1.75	0.97	A	43		0.321		
17548-3207	1	F	A	B	87700	9.719	0.028					268.702 279 31	-32.115 256 28	4.89	9.68	-41.82	4.20	3.22	4.06	5.39	3.94						
				B	87700	11.114	0.100					268.702 015 54	-32.115 453 76	4.89	9.68	-41.82	23.25	14.67	4.06	5.39	3.94	A	229		1.07		
17550-1138	1	F	A	B	87708	7.079	0.003	7.443	0.007	7.024	0.005	268.732 156 70	-11.631 919 83	15.39	8.12	41.09	1.39	0.96	1.41	1.50	0.99						
				B	87708	11.057	0.102					268.732 695 32	-11.632 640 21	15.39	8.12	41.09	75.38	41.98	1.41	1.50	0.99	A	144		3.21		
17551-1818	1	F	A	B	87718	9.028	0.007	10.304	0.037	8.975	0.020	268.775 530 68	-18.292 053 46	3.39	1.12	-4.52	1.88	1.22	1.88	2.03	1.18						
				B	87718	11.417	0.061					268.777 592 52	-18.291 242 24	3.39	1.12	-4.52	19.61	12.17	1.88	2.03	1.18	A	67.5		7.63		
17554+3930	1	F	A	B	87748	9.470	0.007	9.838	0.021	9.306	0.020	268.854 533 14	+39.498 221 47	9.49	-7.05	-6.42	1.42	1.42	1.50	1.43	1.37						
				B	87748	10.171	0.012	10.584	0.044	9.953	0.040	268.856 507 89	+39.497 954 92	9.49	-7.05	-6.42	3.67	4.68	1.50	1.43	1.37	A	99.9		5.569		
17555-5618	1	F	A	B	87753	8.917	0.010	10.187	0.027	8.880	0.016	268.874 664 81	-56.298 466 05	2.03	7.42	1.31	1.76	1.27	1.86	2.21	1.25						
				B	87753	12.185	0.191					268.875 112 12	-56.298 861 29	2.03	7.42	1.31	44.05	28.45	1.86	2.21	1.25	A	148		1.68		
17555-6259	1	I	A	B	87754	9.010	0.021	9.508	0.017	8.909	0.015	268.878 166 77	-62.990 978 62	11.35	11.01	14.95	2.22	2.15	2.43	2.52	2.40						
				B	87751	10.481	0.063	11.899	0.119	10.274	0.045	268.864 775 79	-62.992 130 83	9.39	-14.54	-15.46	28.94	29.84	9.18	22.33	27.18	A	259.3		22.28	-0.1	+0.03
17556+0204	1	F	A	B	87761	7.424	0.149					268.906 285 15	+2.074 935 44	5.07	7.58	4.46	4.49	8.49	0.87	0.87	0.67						
				B	87761	7.921	0.236					268.906 270 01	+2.074 903 69	5.07	7.58	4.46	9.83	12.78	0.87	0.87	0.67	A	205		0.13		
17556+2508	1	F	A	B	87759	8.498	0.008					268.900 604 61	+25.131 774 17	2.03	-2.74	-6.15	1.40	1.32	1.40	1.13	1.05						
				B	87759	9.527	0.020					268.900 714 06	+25.131 765 42	2.03	-2.74	-6.15	3.58	4.13	1.40	1.13	1.05	A	95		0.358		
17557+1830	1	F	A	B	87768	9.299	0.024	10.631	0.032	9.342	0.018	268.937 194 40	+18.500 500 11	43.40	-45.94	-47.79	1.64	1.67	2.21	1.74	1.69						
				B	87768	12.298	0.330					268.941 201 10	+18.504 077 91	43.40	-45.94	-47.79	75.30	79.45	2.21	1.74	1.69	A	46.7		18.79		
17558-5203	1	F	A	B	87775	9.177	0.006	10.325	0.028	9.156	0.018	268.960 162 47	-52.048 266 89	5.55	14.89	-69.73	2.03	1.30	2.08	2.17	1.34						
				B	87775	11.219	0.039					268.960 476 27	-52.047 826 32	5.55	14.89	-69.73	15.31	10.38	2.08	2.17	1.34	A	24		1.73		
17559-7032	1	I	A	B	87778	8.691	0.014	9.713	0.012	8.622	0.008	268.963 740 15	-70.531 206 06	5.85	-1.59	-11.79	1.14	1.78	2.01	1.06	1.85						
				B	87784	10.809	0.073	11.807	0.087	10.622	0.049	268.979 510 45	-70.527 048 94	31.55	5.06	-29.12	15.44	27.44	18.42	8.68	16.68	A	51.67		24.13	+0.04	-0.01
17561+2130	1	F	A	B	87800	8.415	0.005	9.064	0.012	8.345	0.010	269.036 711 07	+21.494 807 22	20.12	-16.59	67.15	1.00	1.06	1.42	1.24	1.20						
				B	87800	10.999	0.057	11.354	0.154	10.755	0.174	269.036 891 41	+21.493 694 09	20.12	-16.59	67.15	11.81	13.48	1.42	1.24	1.20	A	171.4		4.05		
17562+3926	1	F	A	B	87802	8.326	0.005	8.744	0.009	8.180	0.009	269.050 004 69	+39.439 204 63	11.99	79.85	-42.82	0.92	1.08	1.05	0.94	1.12						
				B	87802	10.251	0.030					269.049 653 44	+39.439 383 29	11.99	79.85	-42.82	7.43	7.74	1.05	0.94	1.12	A	303.4		1.17		
17562-2714	1	F	A	B	87801	10.672	0.010					269.045 652 78	-27.240 810 92	3.50	16.54	-14.50	6.97	3.44	6.73	7.19	3.28						
				B	87801	10.815	0.011					269.045 562 42	-27.241 036 18	3.50	16.54	-14.50	10.00	4.83	6.73	7.19	3.28	A	200		0.86		
17564+1820	1	F	A	B	87823	7.386	0.005	7.419	0.006	7.381	0.008	269.101 720 65	+18.327 025 23	4.73	-1.83	-11.36	1.39	1.35	1.63	1.67	1.39						
				B	87823	7.650	0.007	8.664	0.012	7.539	0.007	269.101 012 29	+18.327 298 64	4.73	-1.83	-11.36	3.04	2.16	1.63	1.67	1.39	A	292.1		2.613		
17564-7219	1	F	A	B	87817	8.544	0.005					269.088 740 60	-72.311 990 25	7.44	-57.72	-53.39	0.77	1.07	1.29	0.80	1.14						
				B	87817	11.052	0.042					269.088 894 00	-72.311 719 18	7.44	-57.72	-53.39	9.61	12.09	1.29	0.80	1.14	A	10		0.99		
17567+2929	1	I	A	B	87838	9.945	0.022	10.198	0.028	9.820	0.030	269.177 339 86	+29.491 538 30	5.63	23.15	-3.49	2.82	3.11	3.21	2.93	2.99						
				B	87842	10.396	0.028	10.722	0.044	10.257	0.047	269.183 196 30	+29.487 277 41	5.74	22.90	-7.67	9.16	10.10	6.33	5.78	5.78	A	129.89		23.92	+0.01	0.00
17568-3956	1	F	A	B	87854	7.793	0.005	8.935	0.024	7.616	0.013	269.211 845 19	-39.932 735 98	0.41	5.04	1.28	1.84	1.05	1.78	2.00	0.95						
				B	87854	8.769	0.010	8.740	0.039	8.871	0.059	269.212 907 03	-39.933 266 69	0.41	5.04	1.28	4.76	2.89	1.78	2.00	0.95	A	123.1		3.499		
17569+4115	1	F	A	B	87857	9.032	0.006	9.437	0.017	8.907	0.016	269.215 720 48	+41.251 528 78	9.42	-13.96	3.50	1.05	1.16	1.16	1.03	1.30						
				B	87857	11.330	0.050					269.214 715 30	+41.253 948 54	9.42	-13.96	3.50	10.54	12.00	1.16	1.03	1.30	A	342.7		9.13		
17571+0004	1	L	A	B	87875	6.658	0.007					269.267 928 71	+0.066 687 31	10.46	20.54	-9.23	1.83	1.31	1.17	1.24	0.87						
				B	87875	6.830	0.008					269.268 046 00	+0.066 678 30	10.46	36.33	-13.49	1.79	1.31	1.17	1.34	0.99	A	94.4		0.423	+0.4	+0.016
17571+4551	1	F	A	B	87877	6.942	0.003	7.368	0.007	6.845	0.007	269.															

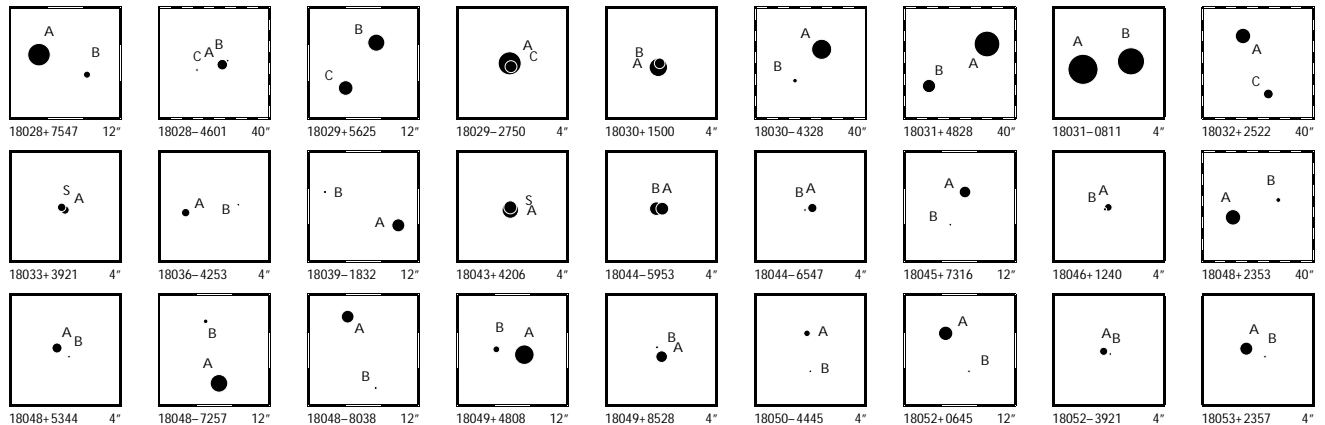
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17575+1058	1	F CA	B 87911 A 87911	9.245 9.266	0.046 0.047						269.368 949 94 269.368 886 09	+10.962 999 66 +10.962 976 25	5.31 5.31	-8.39 -8.39	-8.46 -8.46	5.68 6.20	3.27 3.86	1.39 1.39	1.08 1.08	0.96 0.96	B 250	0.24			
17575-5740	1	F CA	A 87914 B 87914	8.785 9.484	0.007 0.013	9.502 10.155	0.018 0.037	8.721 9.211	0.018 0.026		269.381 748 95 269.382 575 16	-57.663 910 76 -57.663 236 96	23.18 23.18	55.04 55.04	-128.22 -128.22	2.12 5.91	1.55 4.43	2.33 2.33	2.16 2.16	1.54 1.54	A 33.3	2.901			
17576+2800	1	F FD D	A 87920 B 87920	9.019 11.471	0.014 0.129	9.433	0.019	8.922	0.018		269.394 872 75 269.393 500 45	+27.992 216 06 +27.992 730 34	5.08 5.08	11.93 11.93	-43.41 -43.41	1.55 20.11	1.80 18.13	2.19 2.19	1.78 1.78	1.95 1.95	A 293.0	4.74			
17577+2815	1	F CA	A 87930 B 87930	8.499 10.862	0.007 0.060	9.524	0.017	8.363	0.011		269.433 745 31 269.433 551 38	+28.253 645 02 +28.253 280 52	4.54 4.54	-1.12 -1.12	-12.81 -12.81	1.02 10.26	1.15 15.50	1.40 1.40	1.20 1.20	1.19 1.19	A 205.1	1.45			
17577-2143	1	F CC	A 87925 B 87925	10.208 12.677	0.041 0.399						269.420 671 85 269.420 578 59	-21.719 300 29 -21.719 256 15	33.65 33.65	24.22 24.22	-161.52 -161.52	6.27 83.24	3.60 47.02	3.77 3.77	3.97 3.97	2.31 2.31	A 297	0.35			
17577-3558	1	F CA	A 87923 B 87923	9.630 11.892	0.008 0.062						269.419 805 57 269.419 728 27	-35.972 221 23 -35.972 355 74	7.11 7.11	9.92 9.92	-7.25 -7.25	2.87 26.69	1.95 13.72	2.62 2.62	3.90 3.90	1.75 1.75	A 205	0.53			
17578+0253	1	F CA	A 87932 B 87932	8.364 10.973	0.044 0.488						269.440 201 50 269.440 195 12	+2.880 060 08 +2.879 996 71	1.31 1.31	-4.58 -4.58	-10.92 -10.92	2.98 30.38	7.97 31.22	1.43 1.43	1.40 1.40	0.98 0.98	A 186	0.23			
17579-3600	1	F CA	A 87945 B 87945	6.852 10.159	0.006 0.119	6.893 10.893	0.007 0.214	6.832 9.494	0.008 0.110		269.486 448 75 269.486 801 17	-36.007 910 79 -36.006 968 64	7.75 7.75	9.90 9.90	-9.45 -9.45	1.21 34.32	0.85 21.17	1.25 1.25	1.76 1.76	0.88 0.88	A 17	3.54			
17580-3908	1	F CA	A 87948 B 87948	6.506 8.159	0.003 0.012						269.490 823 75 269.491 057 47	-39.136 466 88 -39.136 662 31	6.35 6.35	-8.62 -8.62	-23.20 -23.20	1.05 7.40	0.58 3.12	1.06 1.06	1.31 1.31	0.57 0.57	A 137.2	0.96			
17581+5213	1	F CA	A 87960 B 87960	7.593 10.224	0.004 0.046	7.797 10.593	0.006 0.051	7.540 10.015	0.008 0.050		269.522 386 85 269.518 099 82	+52.218 336 14 +52.217 948 80	10.40 10.40	11.46 11.46	-20.53 -20.53	0.78 8.80	0.78 10.79	0.74 0.74	0.79 0.79	0.91 0.91	A 261.6	9.56			
17582+2724	1	F CC	A 87970 B 87970	7.764 11.409	0.005 0.141	9.179	0.013	7.711	0.007		269.543 077 61 269.544 096 71	+27.397 402 53 +27.396 152 03	3.40 3.40	9.74 9.74	11.01 11.01	0.98 40.92	1.05 43.78	1.32 1.32	1.14 1.14	1.07 1.07	A 144.1	5.56			
17583-3810	1	F CA	A 87978 B 87978	9.216 10.254	0.008 0.020						269.574 333 42 269.574 204 01	-38.173 300 50 -38.173 587 69	7.55 7.55	9.39 9.39	-11.79 -11.79	2.79 8.92	1.45 5.02	2.57 2.57	3.56 3.56	1.32 1.32	A 199.5	1.10			
17583-5010	1	F CC	A 87980 B 87980	9.657 11.194	0.166 0.682						269.579 628 62 269.579 627 91	-50.161 002 41 -50.161 044 49	2.12 2.12	-16.07 -16.07	2.62 2.62	6.27 25.13	9.95 55.78	1.56 1.56	1.50 1.50	0.93 0.93	A 181	0.15			
17584+0428	1	F CA	A 87991 B 87991	10.364 11.086	0.087 0.168						269.601 912 85 269.601 896 05	+4.461 593 12 +4.461 650 70	24.32 24.32	-63.49 -63.49	-58.51 -58.51	4.60 12.23	8.49 17.94	2.28 2.28	2.46 2.46	1.93 1.93	A 344	0.22			
17584+1437	1	F CA	A 87986 B 87986	8.576 11.078	0.007 0.064	9.983	0.021	8.523	0.012		269.595 174 44 269.598 512 42	+14.614 130 43 +14.614 871 14	0.36 0.36	14.22 14.22	5.50 5.50	1.27 16.25	1.21 16.16	1.64 1.64	1.35 1.35	1.37 1.37	A 77.1	11.93			
17584+3524	1	F CC	A 87987 B 87987	9.486 13.144	0.010 0.264						269.596 187 85 269.596 317 87	+35.407 747 45 +35.407 529 99	6.56 6.56	-6.50 -6.50	15.98 15.98	1.27 45.10	1.27 46.40	1.43 1.43	1.32 1.32	1.34 1.34	A 154	0.87			
17584-5510	1	F CA	A 87988 B 87988	8.893 9.352	0.007 0.010						269.600 681 08 269.600 604 57	-55.162 859 94 -55.162 989 52	4.16 4.16	-2.52 -2.52	-13.00 -13.00	2.48 4.76	1.88 3.26	2.49 2.49	2.66 2.66	1.71 1.71	A 199	0.492			
17585+3011	1	F CA	A 87998 B 87998	4.559 7.493	0.002 0.027						269.625 623 85 269.625 621 21	+30.189 268 92 +30.189 392 67	4.10 4.10	-0.48 -0.48	3.23 3.23	0.50 8.08	0.52 6.58	0.55 0.55	0.49 0.49	0.47 0.47	A 359	0.45			
17586+1353	1	F CA	A 88007 B 88007	9.450 10.964	0.006 0.022						269.658 588 45 269.658 766 96	+13.883 701 73 +13.883 740 58	0.60 0.60	3.76 3.76	-0.03 -0.03	1.64 6.07	1.41 5.72	2.20 2.20	1.79 1.79	1.61 1.61	A 77	0.64			
17586-1306	1	F CA	A 88010 B 88010	10.102 11.149	0.054 0.142						269.661 359 28 269.661 441 86	-13.095 340 36 -13.095 366 74	11.88 11.88	-456.52 -456.52	-734.01 -734.01	8.08 21.44	3.28 10.37	2.21 2.21	2.28 2.28	1.26 1.26	A 108	0.30			
17587+3538	1	F CA	A 88017 B 88017	7.265 9.798	0.003 0.025						269.668 823 46 269.668 874 18	+35.631 871 68 +35.631 669 96	6.12 6.12	22.88 22.88	7.23 7.23	0.65 7.39	0.67 5.63	0.75 0.75	0.65 0.65	0.69 0.69	A 168	0.74			
17587-1152	1	F CB	A 88016 B 88016	8.735 10.540	0.132 0.694						269.668 208 95 269.668 217 11	-11.873 763 39 -11.873 797 92	3.07 3.07	2.42 2.42	2.99 2.99	5.74 23.98	8.16 37.53	1.27 1.27	1.64 1.64	0.84 0.84	A 167	0.13			
17589-0331	1	F CA	A 88032 B 88032	9.707 10.534	0.046 0.099						269.721 287 42 269.721 275 05	-3.514 847 31 -3.514 781 57	3.34 3.34	-1.15 -1.15	1.62 1.62	3.56 8.85	5.32 11.58	1.69 1.69	1.57 1.57	1.25 1.25	A 349	0.24			
17590+0202	1	F CA	A 88047 B 88047	8.606 9.250	0.008 0.014	8.781	0.017	8.537	0.019		269.756 803 88 269.757 246 29	+2.037 832 85 +2.038 833 85	5.58 5.58	3.82 3.82	1.31 1.31	1.79 5.11	1.43 4.39	1.82 1.82	1.93 1.93	1.42 1.42	A 23.8	3.94			
17591+3003	1	I CA	A 88055 B 88051	7.346 8.668	0.019 0.053	8.332	0.011	7.248	0.006		269.765 089 56 269.758 834 84	+30.048 888 05 +30.049 568 84	1.28 0.84	4.72 -16.83	9.16 3.25	1.29 13.73	1.39 16.79	1.40 6.08	1.46 12.71	1.41 13.40	A 277.17	19.64	-0.02	+0.02	
17591+3228	1	F CA	A 88057 B 88057	9.812 10.482	0.022 0.040						269.769 165 21 269.769 249 07	+32.473 990 43 +32.473 948 31	8.43 8.43	6.25 6.25	40.31 40.31	3.29 6.18	2.55 5.53	1.49 1.49	1.24 1.24	1.21 1.21	A 121	0.296			
17591-3015	1	F CA	A 88060 B 88060	5.257 7.105	0.004 0.017	7.452	0.009	5.364	0.005		269.771 999 00 269.773 706 34	-30.253 004 79 -30.253 389 49	3.49 3.49	2.51 2.51	-8.30 -8.30	1.20 9.17	0.74 4.87	1.29 1.29	1.37 1.37	0.69 0.69	A 104.6	5.49			



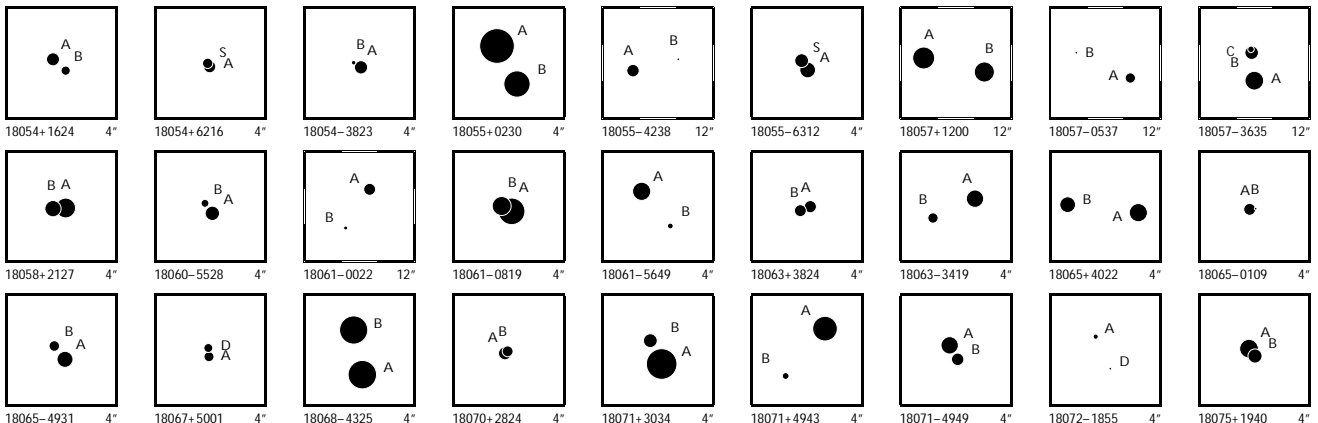
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
17592+6409	1	I	A	A 88071 B 88062	7.435 0.057 7.725 0.069	7.739 0.009 8.087 0.008	7.324 0.008 7.602 0.008	269.807 131 68 269.793 910 14	+64.142 541 11 +64.143 874 96	13.71 15.92	17.34 7.78	14.67 31.02	2.31 2.06 1.71 2.28 2.21 13.21 14.34 2.83 9.36 11.94	A	283.03	21.31	+0.04	+0.01									
17592-3656	1	F	C	A	A 88069 B 88069	7.113 0.004 9.211 0.028	7.157 0.007 9.336 0.026	7.065 0.008 8.964 0.030	269.806 090 20 269.808 644 69	-36.938 818 59 -36.939 301 50	8.70 8.70	10.74 10.74	-10.41 -10.41	1.30 1.02 1.40 1.91 1.03 13.87 4.81 1.40 1.91 1.03	A	103.31	7.55										
17593-0651	1	F	C	A	A 88078 B 88078	8.787 0.007 9.212 0.010	9.305 0.027 9.597 0.052	8.682 0.024 9.133 0.053	269.825 381 38 269.824 770 74	-6.855 902 10 -6.853 816 75	3.22 3.22	-0.47 -0.47	-8.41 -8.41	2.44 1.78 2.22 2.97 1.96 5.06 3.31 2.22 2.97 1.96	A	343.79	7.818										
17594-4746	1	F	C	A	A 88087 B 88087	8.284 0.007 9.775 0.026	8.895 0.012 9.775 0.026	8.031 0.010	269.861 969 44 269.862 490 62	-47.773 969 45 -47.774 210 78	2.81 2.81	6.67 6.67	-19.92 -19.92	1.50 0.99 1.65 1.72 1.06 7.55 5.50 1.65 1.72 1.06	A	124.6	1.53										
17595+0001	1	F	C	A	A 88094 B 88094	8.920 0.016 12.179 0.307	9.996 0.036 8.847 0.023	8.847 0.023	269.882 106 57 269.882 586 04	+0.020 914 17 +0.025 227 91	7.71 7.71	11.79 11.79	-8.08 -8.08	1.73 1.28 1.77 1.60 1.25 73.61 61.52 1.77 1.60 1.25	A	6.3	15.63										
17596-6712	1	L	C	A	A 88105 B 88105	9.205 0.009 11.895 0.100	9.679 0.016 6.622 0.004	9.104 0.015 6.072 0.004	269.908 688 31 269.906 758 00	-67.194 644 56 -67.194 831 09	6.76 6.76	-10.01 36.93	-65.33 -27.16	1.47 1.70 1.95 1.38 1.51 27.63 29.32 1.95 16.72 29.91	A	256	2.78	+1	-0.05								
17598+5039	1	F	C	A	A 88119 B 88119	9.657 0.128 10.535 0.287			269.960 212 86 269.960 142 15	+50.652 766 78 +50.652 788 47	4.83 4.83	-19.51 -19.51	84.95 84.95	9.57 7.42 0.86 1.09 0.84 22.52 14.78 0.86 1.09 0.84	B	296	0.18										
18000+6027	1	F	C	A	A 88124 B 88124	8.268 0.008 11.047 0.103			269.991 144 56 269.990 946 89	+60.445 188 06 +60.445 146 60	4.45 4.45	-4.59 -4.59	20.68 20.68	1.62 1.41 0.95 1.06 1.06 17.22 19.26 0.95 1.06 1.06	A	247	0.38										
18002+8000	1	I	C	A	A 88136 B 88127	5.858 0.034 6.168 0.042	6.274 0.004 6.072 0.004	5.731 0.004	270.037 777 81 270.014 022 61	+80.003 793 94 +80.000 524 13	18.84 19.64	46.91 54.58	124.03 130.47	2.10 2.42 1.81 1.95 2.65 10.86 9.85 3.80 7.31 7.16	A	231.60	18.95	0.00	-0.01								
18004+5252	1	L	C	A	A 88155 B 88155	8.225 0.005 9.203 0.012	8.838 0.017 6.222 0.004	8.136 0.014	270.078 089 60 270.076 592 40	+52.854 278 62 +52.854 239 43	17.67 17.67	21.95 15.25	68.95 68.65	1.27 1.33 1.14 1.05 1.26 3.52 4.69 1.14 2.12 2.84	A	267.5	3.258	0.0	+0.007								
18005-7019	1	F	C	B	A 88173 B 88173	8.872 0.114 10.348 0.445			270.119 092 29 270.118 999 00	-70.320 183 02 -70.320 141 76	2.69 2.69	0.26 0.26	-17.81 -17.81	7.50 10.19 1.07 0.46 0.90 19.73 27.10 1.07 0.46 0.90	A	323	0.19										
18007+1736	1	F	C	A	A 88200 B 88200	9.834 0.193 9.838 0.194			270.181 358 28 270.181 392 24	+17.591 984 05 +17.591 957 45	2.92 2.92	-0.85 -0.85	-5.25 -5.25	11.13 8.06 1.25 0.94 0.99 13.41 11.39 1.25 0.94 0.99	A	129	0.15										
18007-3013	1	F	C	A	A 88198 B 88198	10.179 0.166 11.289 0.460			270.171 468 62 270.171 455 49	-30.214 768 84 -30.214 810 06	15.29 15.29	-90.93 -90.93	-100.30 -100.30	7.39 10.61 2.05 2.15 0.99 21.90 34.61 2.05 2.15 0.99	A	195	0.15										
18007-6647	1	F	C	A	A 88203 B 88203	9.358 0.009 11.437 0.061	10.558 0.032 11.822 0.131	9.265 0.018 10.932 0.106	270.183 065 10 270.180 936 83	-66.775 044 86 -66.775 678 26	4.56 4.56	2.73 2.73	1.00 1.00	1.44 1.58 2.14 1.62 1.71 13.54 18.06 2.14 1.62 1.71	A	233.0	3.79										
18014+6557	1	F	C	A	A 88257 B 88257	8.024 0.004 9.766 0.019	8.440 0.012 10.082 0.099	7.947 0.011 9.446 0.085	270.346 960 50 270.346 465 88	+65.948 628 83 +65.947 642 45	4.38 4.38	6.35 6.35	36.16 36.16	0.94 0.75 0.83 0.86 0.79 4.91 4.67 0.83 0.86 0.79	A	191.6	3.62										
18015+2136	1	F	C	A	A 88267 B 88267	4.930 0.004 5.310 0.005	5.033 0.003 6.212 0.005	4.902 0.003 5.196 0.003	270.376 678 86 270.374 827 23	+21.595 688 14 +21.595 301 70	6.93 6.93	7.55 7.55	38.79 38.79	0.63 0.77 1.02 0.75 0.80 1.72 1.97 1.02 0.75 0.80	A	257.35	6.352										
18015+4019	1	F	C	A	A 88265 B 88265	7.952 0.004 11.526 0.094	7.934 0.009 6.222 0.004	7.910 0.010	270.372 265 43 270.371 718 88	+40.323 713 12 +40.324 097 66	4.30 4.30	-3.21 -3.21	5.51 5.51	0.69 0.75 0.75 0.72 0.88 19.29 20.77 0.75 0.72 0.88	A	313	2.04										
18016+0332	1	F	C	A	A 88271 B 88271	8.657 0.004 9.955 0.013			270.384 820 98 270.384 775 64	+3.524 287 49 +3.524 467 87	3.53 3.53	0.22 0.22	-9.53 -9.53	1.56 1.23 1.74 1.81 1.38 5.80 4.37 1.74 1.81 1.38	A	345.9	0.669										
18017+4011	1	F	C	A	A 88284 B 88284	8.619 0.005 8.796 0.005			270.421 556 58 270.421 316 69	+40.178 278 62 +40.178 257 45	5.98 5.98	-4.55 -4.55	14.59 14.59	2.24 1.41 1.61 2.64 1.59 2.67 2.99 1.61 2.64 1.59	A	263.4	0.664										
18018+0118	1	F	C	A	A 88290 B 88290	4.521 0.003 7.475 0.040			270.438 289 67 270.438 444 88	+1.305 109 36 +1.305 062 02	12.31 12.31	15.43 15.43	-13.61 -13.61	0.84 0.62 0.83 0.86 0.67 12.03 11.00 0.83 0.86 0.67	A	107	0.58										
18020+1245	1	F	C	A	A 88304 B 88304	8.184 0.004 11.428 0.076			270.493 176 57 270.493 100 62	+12.757 800 99 +12.757 708 07	2.63 2.63	-2.42 -2.42	-12.72 -12.72	1.20 1.13 1.28 1.10 1.01 27.73 22.79 1.28 1.10 1.01	A	219	0.43										
18020-6455	1	F	C	A	A 88306 B 88306	9.818 0.008 10.745 0.018			270.503 289 37 270.503 594 37	-64.922 934 86 -64.922 934 91	2.42 2.42	-18.56 -18.56	-41.82 -41.82	1.82 1.60 2.21 1.51 1.41 5.12 5.17 2.21 1.51 1.41	A	90	0.465										
18021-6227	1	F	C	A	A 88311 B 88311	9.010 0.008 11.492 0.078	10.140 0.027 6.222 0.004	8.925 0.017	270.530 519 24 270.530 274 13	-62.447 647 97 -62.446 700 69	2.57 2.57	-0.44 -0.44	-23.61 -23.61	1.56 1.28 1.78 1.66 1.18 19.22 14.12 1.78 1.66 1.18	A	353.2	3.43										
18024-2302	1	F	N	C	A 88333 B 88333	7.529 0.019 8.901 0.048 10.395 0.193	7.472 0.009 8.718 0.026	7.529 0.012 8.758 0.035	270.598 135 66 270.596 430 25 270.598 778 57	-23.030 829 43 -23.033 347 38 -23.029 197 39	-3.59 -3.59 -3.59	-4.54 -4.54 -4.54	-1.28 -1.28 -1.28	2.56 1.39 2.32 2.44 1.25 12.10 6.03 2.32 2.44 1.25 46.31 25.14 2.32 2.44 1.25	A	211.9	10.68										
18025+4414	1	L	C	A	A 88350 B 88350	7.375 0.003 9.221 0.016			270.628 711 33 270.629 025 77	+44.234 051 15 +44.234 136 93	12.75 12.75	-35.65 -45.37	-64.53 -49.55	0.87 0.81 0.79 0.74 0.80 6.30 6.34 0.79 3.39 4.82	A	69.2	0.868	-1.2	-0.004								
18026+0325	1	F	N	D	A 88355 B 88355	8.398 0.013 10.560 0.092			270.640 923 89 270.640 992 71	+3.420 416 25 +3.420 372 22	4.79 4.79	8.13 8.13	-6.12 -6.12	1.89 1.47 1.34 1.30 1.04 19.99 15.71 1.34 1.30 1.04	A	123	0.29										
18026-5013	1	F	F	D	A 88363 B 88364	10.071 0.030 12.010 0.174	10.479 0.034 6.222 0.004	10.000 0.035	270.657 021 83 270.658 143 90	-50.216 153 89 -50.212 219 26	4.41 4.41	0.25 0.25	-12.08 -12.08	4.13 2.86 4.01 4.26 2.67 44.04 30.49 4.01 4.26 2.67	A	10.3	14.40										



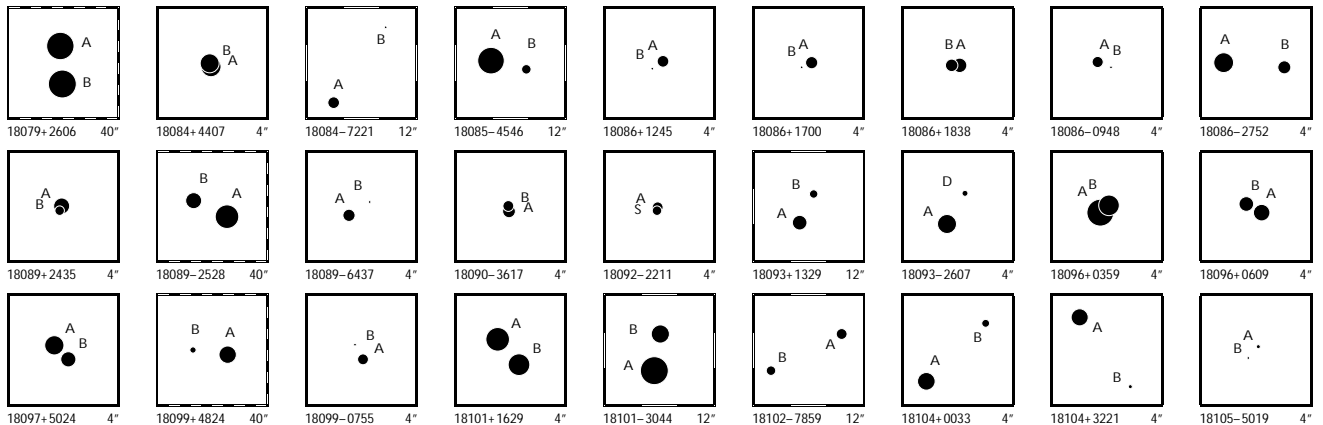
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18028+7547	1	F CA	A 88379 B 88379	7.037 0.004 10.453 0.074	7.119 0.005 10.613 0.080	7.019 0.006 9.968 0.067		270.712 233 97 270.706 282 48	+75.790 092 98 +75.789 482 57	7.43 7.43	-11.64 -11.64	40.97 40.97	0.70 0.70 0.66 0.66 0.82	0.70 0.70 0.66 0.66 0.82									A 247.3	5.70			
18028-4601	1	F CA	G A 88375 B 88375 C 88375	9.650 0.018 12.063 0.101 13.185 0.392	10.113 0.027	9.564 0.027		270.693 061 00 270.692 185 82 270.696 816 08	-46.022 241 22 -46.021 765 74 -46.022 708 84	9.60 9.60 9.60	-0.13 -0.13 -0.13	-21.83 -21.83 -21.83	2.77 1.66 2.98 3.23 1.63	18.28 13.29 2.98 3.23 1.63									A 308.0	2.78			
18029+5625	1	F CA	B 88385 C 88385	8.198 0.007 8.742 0.011				270.728 843 05 270.730 531 80	+56.436 771 90 +56.435 374 53	5.39 5.39	0.55 0.55	11.67 11.67	1.43 1.26 1.23 1.31 1.17	4.59 4.42 1.23 1.31 1.17									B 146.25	6.05			
18029-2750	1	F CB	A 88384 C 88384	6.899 0.081 9.367 0.791				270.726 238 14 270.726 213 24	-27.826 658 35 -27.826 693 82	-0.29 -0.29	0.48 0.48	-3.00 -3.00	4.59 5.53 0.84 1.02 0.53	45.58 40.85 0.84 1.02 0.53									A 212	0.15			
18030+1500	1	F FD	D A 88394 B 88394	7.899 0.067 9.637 0.331				270.751 584 01 270.751 570 97	+15.002 339 40 +15.002 384 56	-0.52 -0.52	5.97 5.97	9.36 9.36	6.29 9.41 0.99 0.82 0.66	28.90 23.16 0.99 0.82 0.66									A 344	0.17			
18030-4328	1	F CB	A 88398 B 88398	7.583 0.007 10.981 0.156	8.766 0.011	7.519 0.007		270.760 831 23 270.764 655 62	-43.462 781 88 -43.466 037 22	4.96 4.96	1.26 1.26	-16.24 -16.24	1.05 0.58 1.03 1.09 0.53	64.16 27.81 1.03 1.09 0.53									A 139.5	15.40			
18031+4828	1	INB	A 88415 B 88420	6.274 0.008 9.052 0.078	6.294 0.003 10.022 0.043	6.243 0.005 8.927 0.027		270.786 974 84 270.796 004 82	+48.464 236 48 +48.459 807 67	6.20 3.38	21.37 -4.45	13.43 -17.86	1.13 1.11 0.95 1.19 1.15	18.13 20.39 10.35 12.81 14.03									A 126.48	26.81	+0.09	0.00	
18031-0811	1	L CA	A 88404 B 88404	5.328 0.004 5.996 0.007	5.463 0.033	5.006 0.030		270.770 461 45 270.769 962 28	-8.180 257 85 -8.180 176 51	19.22 19.22	15.11 27.34	-37.61 -30.67	1.03 0.69 0.97 0.94 0.67	2.31 1.80 1.97 1.93 1.11									A 279.35	1.803	+0.28	-0.011	
18032+2522	1	ICB	A 88424 C 88421	8.576 0.037 9.843 0.094	8.919 0.011 10.895 0.047	8.500 0.012 9.703 0.025		270.801 007 47 270.798 131 99	+25.365 411 91 +25.359 430 82	2.96 2.93	-8.73 -30.82	34.40 -26.29	2.16 2.65 2.90 2.48 2.73	27.41 54.49 6.73 31.27 39.17									A 203.5	23.48	0.0	+0.06	
18033+3921	1	F CC	A 88432 S 88432	10.113 0.389 10.164 0.408				270.822 409 71 270.822 450 41	+39.349 566 20 +39.349 589 13	8.36 8.36	10.38 10.38	-27.41 -27.41	20.32 29.98 0.92 0.90 1.03	23.43 34.18 0.92 0.90 1.03									A 54	0.14			
18036-4253	1	L CA	A 88457 B 88457	10.132 0.010 12.158 0.065	10.562 0.039	9.967 0.037		270.912 140 77 270.911 395 56	-42.876 096 73 -42.876 011 88	3.17 3.17	-5.09 22.02	-29.02 -48.87	3.22 1.67 2.64 2.79 1.16	30.73 16.46 2.64 18.82 7.42									A 278.8	1.99	-0.4	-0.03	
18039-1832	1	F CA	A 88477 B 88477	9.128 0.007 11.294 0.052	10.346 0.036	9.079 0.021		270.983 951 21 270.986 326 61	-18.534 520 02 -18.533 490 47	5.93 5.93	-6.40 -6.40	-22.10 -22.10	2.39 1.73 2.96 2.94 1.68	23.24 11.70 2.96 2.94 1.68									A 65.4	8.91			
18043+4206	1	F CB	A 88498 S 88498	8.334 0.269 9.112 0.551				271.070 442 95 271.070 447 70	+42.095 817 47 +42.095 847 79	6.59 6.59	-0.87 -0.87	16.67 16.67	5.44 14.72 0.64 0.57 0.62	13.50 26.12 0.64 0.57 0.62									A 7	0.11			
18044-5953	1	L CA	B 88510 A 88510	9.008 0.063 9.191 0.075				271.109 068 34 271.108 939 07	-59.875 450 20 -59.875 456 01	13.90 13.90	-15.24 -26.53	-179.02 -164.58	8.18 3.63 1.20 2.20 1.97	8.12 2.96 1.20 2.36 2.12									B 265	0.234	+4	+0.010	
18044-6547	1	F CC	A 88509 B 88509	9.935 0.034 13.048 0.603				271.107 404 69 271.107 603 08	-65.784 247 00 -65.784 264 17	6.86 6.86	5.80 5.80	-11.42 -11.42	5.89 3.18 2.04 1.78 1.62	93.39 54.06 2.04 1.78 1.62									A 102	0.30			
18045+7316	1	FND	D A 88514 B 88514	9.420 0.009 13.345 0.323	9.877 0.021	9.346 0.020		271.115 589 56 271.117 157 49	+73.272 661 18 +73.271 665 84	3.28 3.28	-1.29 -1.29	27.16 27.16	1.20 1.35 1.25 1.27 1.79	71.60 84.70 1.25 1.27 1.79									A 156	3.93			
18046+1240	1	F CB	A 88520 B 88520	10.323 0.275 11.309 0.681				271.143 999 99 271.144 031 42	+12.665 151 78 +12.665 133 18	3.84 3.84	-3.19 -3.19	5.33 5.33	15.09 10.47 1.48 1.27 1.33	38.84 27.73 1.48 1.27 1.33									A 121	0.13			
18048+2353	1	F CA	A 88537 B 88537	8.558 0.011 10.914 0.080	8.835 0.007 11.719 0.081	8.469 0.007 10.695 0.049		271.188 392 83 271.183 301 08	+23.886 813 88 +23.888 618 00	6.48 6.48	17.46 17.46	-26.69 -26.69	0.96 1.61 2.06 1.19 1.71	26.05 59.41 2.06 1.19 1.71									A 291.2	17.97			
18048+5344	1	F CA	A 88546 B 88546	9.790 0.009 12.131 0.070				271.206 662 25 271.206 441 48	+53.729 449 89 +53.729 365 98	-0.89 -0.89	5.67 5.67	8.20 8.20	1.87 1.56 1.47 1.79 1.64	19.98 18.86 1.47 1.79 1.64									A 237	0.56			
18048-7257	1	F CA	A 88547 B 88547	8.100 0.005 10.996 0.069	8.288 0.007 11.461 0.104	8.023 0.008 10.750 0.087		271.206 221 38 271.207 580 24	-72.951 861 05 -72.949 949 32	8.30 8.30	-2.69 -2.69	-41.10 -41.10	0.74 1.01 1.18 0.76 1.06	13.15 19.19 1.18 0.76 1.06									A 11.8	7.03			
18048-8038	1	L CA	A 88538 B 88538	9.191 0.008 11.343 0.052	9.754 0.016	9.138 0.015		271.189 625 41 271.184 357 65	-80.628 953 31 -80.631 155 36	5.73 5.73	26.61 -1.68	-15.79 -11.98	1.42 1.60 1.62 1.04 1.41	14.30 18.10 1.62 8.65 11.65									A 201.3	8.51	+0.2	+0.01	
18049+4808	1	F CA	A 88555 B 88555	7.673 0.003 10.505 0.041	7.866 0.007	7.596 0.011		271.237 196 21 271.238 477 67	+48.136 043 62 +48.136 214 36	8.74 8.74	8.30 8.30	8.37 8.37	0.68 0.63 0.66 0.68 0.70	7.76 8.69 0.66 0.68 0.70									A 78.7	3.14			
18049+8528	1	F CA	A 88554 B 88554	9.404 0.015 11.341 0.088				271.230 793 14 271.231 403 50	+85.471 104 52 +85.471 198 84	9.23 9.23	10.77 10.77	-26.36 -26.36	3.27 3.19 1.95 1.94 2.12	24.40 20.78 1.95 1.94 2.12									A 27	0.38			
18050-4445	1	F CA	A 88564 B 88564	10.541 0.021 11.771 0.064	11.348 0.097	10.245 0.054		271.253 149 15 271.253 103 26	-44.753 087 53 -44.753 475 39	15.83 15.83	2.15 2.15	-219.54 -219.54	3.28 1.96 3.10 3.51 1.71	17.66 10.90 3.10 3.51 1.71									A 185	1.40			
18052+0645	1	FND	D A 88586 B 88586	8.834 0.008 12.166 0.174	10.201 0.041	8.826 0.022		271.309 964 09 271.309 234 27	+6.750 838 49 +6.749 669 19	2.31 2.31	-7.40 -7.40	-44.82 -44.82	1.96 1.84 2.07 1.80 1.61	52.96 53.92 2.07 1.80 1.61									A 211.8	4.95			
18052-3921	1	F CB	A 88584 B 88584	10.194 0.231 11.898 1.109				271.301 012 82 271.300 922 72	-39.342 301 82 -39.342 325 90	1.49 1.49	2.05 2.05	-26.89 -26.89	29.54 12.96 3.68 4.90 2.65	129.87 46.25 3.68 4.90 2.65									A 251	0.27			
18053+2357	1	F CB	A 88588 B 88588	9.102 0.008 12.072 0.120				271.313 135 62 271.312 919 27	+23.949 370 27 +23.949 285 83	2.55 2.55	4.17 4.17	-0.94 -0.94	1.06 1.72 2.22 1.27 1.70	21.03 35.46 2.22 1.27 1.70									A 247	0.77			



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18054+1624	1	FCA	A 88598 B 88598	9.124 0.006 9.971 0.013				271.357 232 60 +16.395 077 09 271.357 098 61 +16.394 953 34	3.69 3.69	-1.44 2.37 -1.44 2.37	1.68 1.56 1.96 1.75 1.43 3.58 3.40 1.96 1.75 1.43	A 226.1 0.642														
18054+6216	1	FCA	A 88592 S 88592	9.294 0.125 9.732 0.188			271.338 972 88 +62.266 256 26 271.339 007 66 +62.266 297 80	6.92 6.92	-7.79 52.67 -7.79 52.67	5.67 9.78 0.75 0.75 0.78 8.18 11.99 0.75 0.75 0.78	A 21 0.16															
18054-3823	1	FND	D A 88596 B 88596	9.067 0.030 11.003 0.176			271.353 056 61 -38.381 614 16 271.353 156 96 -38.381 570 09	1.74 1.74	-6.35 10.45 -6.35 10.45	3.00 2.04 1.99 2.41 1.35 28.26 15.10 1.99 2.41 1.35	A 61 0.32															
18055+0230	1	LND	W A 88601 B 88601	4.334 0.007 6.170 0.037			271.363 386 82 +2.502 439 28 271.363 177 70 +2.502 049 66	196.62 196.62	124.56 -962.66 442.10 -1253.00	1.46 1.04 1.38 1.15 0.91 10.15 8.06 1.38 5.41 4.29	A 208.2 1.592 -15.0 +0.106															
18055-4238	1	FCA	A 88603 B 88603	9.233 0.006 11.915 0.062	9.563 0.023	9.182 0.026	271.365 072 97 -42.637 792 04 271.363 166 26 -42.637 448 76	2.25 2.25	-3.93 -22.09 -3.93 -22.09	1.83 1.01 1.89 1.88 0.91 26.72 15.48 1.89 1.88 0.91	A 283.8 5.20															
18055-6312	1	LCA	A 88607 S 88607	8.520 0.008 8.920 0.012			271.378 193 48 -63.193 979 25 271.378 334 71 -63.193 882 31	13.10 13.10	-29.46 -82.17 -17.85 -92.55	2.07 1.89 1.78 1.64 1.19 3.96 3.12 1.78 2.71 1.63	A 33.3 0.418 +2.1 -0.002															
18057+1200	1	FCA	A 88627 B 88627	7.154 0.004 7.555 0.006	7.378 0.006 7.770 0.010	7.090 0.007 7.452 0.007	271.430 420 61 +12.003 855 93 271.428 512 39 +12.003 421 98	7.69 7.69	-2.48 -2.83 -2.48 -2.83	1.03 0.94 1.24 1.21 1.17 1.95 1.90 1.24 1.21 1.17	A 256.91 6.899															
18057-0537	1	FND	D A 88623 B 88623	9.728 0.011 13.215 0.259	10.306 0.036	9.670 0.033	271.417 893 62 -5.613 304 13 271.419 552 71 -5.612 539 45	5.20 5.20	4.44 -5.65 4.44 -5.65	2.19 1.35 2.00 1.92 1.29 107.60 57.33 2.00 1.92 1.29	A 65 6.55															
18057-3635	1	FNB	G A 88629 B 88629 C 88629	7.840 0.013 8.973 0.025 10.530 0.129	7.808 0.010	7.865 0.010	271.435 712 82 -36.579 464 56 271.435 774 67 -36.578 600 15 271.435 829 61 -36.578 490 74	2.65 2.65 2.65	-0.71 -4.33 -0.71 -4.33 -0.71 -4.33	1.58 1.08 1.56 1.93 1.26 6.68 4.68 1.56 1.93 1.26 25.83 20.50 1.56 1.93 1.26	A 3.3 3.117 B 22 0.42															
18058+2127	1	LCA	A 88637 B 88637	7.631 0.006 8.421 0.010			271.457 187 32 +21.445 996 65 271.457 327 30 +21.445 991 69	26.51 26.51	-21.62 -40.54 -42.47 -37.50	1.13 1.20 1.35 0.92 1.04 2.26 3.35 1.35 1.74 2.36	A 92.2 0.469 -0.3 -0.021															
18060-5528	1	FCA	A 88659 B 88659	8.795 0.006 10.257 0.022			271.511 099 90 -55.463 639 39 271.511 247 59 -55.463 542 14	6.71 6.71	-36.41 -88.78 -36.41 -88.78	2.03 1.52 1.81 1.95 1.36 9.36 6.77 1.81 1.95 1.36	A 41 0.46															
18061-0022	1	FCB	A 88667 B 88667	9.363 0.020 11.075 0.097	9.625 0.024 10.963 0.075	9.349 0.028 10.533 0.089	271.522 655 67 -0.358 636 59 271.523 410 53 -0.359 826 50	6.84 6.84	-3.81 -14.81 -3.81 -14.81	3.39 2.63 3.32 3.14 2.62 29.54 22.59 3.32 3.14 2.62	A 147.6 5.07															
18061-0819	1	FCA	A 88670 B 88670	6.101 0.004 7.812 0.020			271.530 837 43 -8.323 915 03 271.530 940 73 -8.323 861 42	5.72 5.72	-2.45 -16.72 -2.45 -16.72	1.72 1.16 1.21 1.25 0.86 10.05 7.05 1.21 1.25 0.86	A 62 0.42															
18061-5649	1	FCA	A 88666 B 88666	8.002 0.006 10.721 0.067	9.687 0.023	7.998 0.012	271.522 499 47 -56.821 784 28 271.521 960 40 -56.822 132 56	4.26 4.26	13.26 17.16 13.26 17.16	1.24 0.98 1.40 1.52 1.19 15.86 12.98 1.40 1.52 1.19	A 220 1.64															
18063+3824	1	LCA	A 88685 B 88685	9.294 0.009 9.354 0.010			271.568 053 61 +38.400 430 37 271.568 192 66 +38.400 399 04	12.49 12.49	-14.40 -13.52 -24.69 -18.88	2.56 2.14 1.65 2.07 2.07 3.37 3.67 1.65 2.49 3.09	A 106 0.408 +1 -0.008															
18063-3419	1	FCA	A 88691 B 88691	8.143 0.005 9.725 0.021	7.953 0.011	8.020 0.015	271.586 249 03 -34.315 094 53 271.586 771 07 -34.315 294 79	-0.12 -0.12	4.41 -6.40 4.41 -6.40	1.62 1.01 1.54 2.39 1.12 8.65 5.42 1.54 2.39 1.12	A 114.9 1.71															
18065+4022	1	FCA	A 88703 B 88703	7.991 0.009 8.547 0.015	7.972 0.010 8.602 0.011	7.876 0.010 8.509 0.012	271.626 721 18 +40.360 989 21 271.627 677 72 +40.361 077 16	4.03 4.03	-3.11 -6.75 -3.11 -6.75	1.23 1.30 1.30 1.15 1.24 3.24 3.18 1.30 1.15 1.24	A 83.1 2.643															
18065-0109	1	FCB	A 88698 B 88698	9.364 0.120 11.399 0.780			271.612 609 80 -1.152 686 69 271.612 552 38 -1.152 681 51	6.46 6.46	2.27 3.96 2.27 3.96	11.57 5.64 1.83 1.55 1.23 74.24 40.47 1.83 1.55 1.23	A 275 0.21															
18065-4931	1	FCA	A 88699 B 88699	8.483 0.005 9.649 0.013			271.612 767 65 -49.513 564 58 271.612 935 64 -49.513 427 93	3.94 3.94	1.54 -2.28 1.54 -2.28	2.05 1.40 2.18 2.14 1.31 7.22 4.43 2.18 2.14 1.31	A 39 0.629															
18067+5001	1	FCB	A 88713 D 88713	9.773 0.061 9.998 0.075			271.655 314 69 +50.010 651 69 271.655 323 38 +50.010 745 14	3.19 3.19	-12.07 16.18 -12.07 16.18	7.41 6.94 2.04 1.84 2.49 7.37 7.25 2.04 1.84 2.49	A 3 0.34															
18068-4325	1	LCA	A 88726 B 88726	5.702 0.005 5.780 0.005	5.819 0.018 5.945 0.009	5.560 0.022 5.662 0.009	271.707 852 24 -43.424 961 69 271.707 983 32 -43.424 506 68	22.79 22.79	9.49 -104.72 -1.74 -97.63	1.30 0.70 1.12 1.31 0.66 2.25 1.70 1.12 2.01 0.96	A 118 1.674 -0.4 +0.005															
18070+2824	1	FCA	A 88749 B 88749	9.110 0.226 9.573 0.346			271.761 568 31 +28.394 760 25 271.761 534 26 +28.394 777 87	1.46 1.46	-2.57 -16.85 -2.57 -16.85	15.28 10.19 0.98 0.81 0.77 11.65 16.12 0.98 0.81 0.77	A 300 0.13															
18071+3034	1	LCA	A 88745 B 88745	5.195 0.002 8.941 0.067			271.756 698 28 +30.561 868 09 271.756 831 52 +30.562 112 28	63.88 63.88	-100.93 111.70 -69.00 48.08	0.48 0.53 0.55 0.45 0.49 15.95 21.62 0.55 9.56 14.20	A 25 0.97 +3 -0.04															
18071+4943	1	FCC	A 88754 B 88754	6.557 0.004 10.486 0.138	6.559 0.005	6.529 0.006	271.776 226 43 +49.710 392 79 271.776 848 26 +49.709 907 41	4.52 4.52	0.60 19.82 0.60 19.82	0.64 0.63 0.63 0.66 0.73 27.37 26.55 0.63 0.66 0.73	A 140 2.27															
18071-4949	1	FCA	A 88755 B 88755	8.169 0.005 9.229 0.012			271.782 455 45 -49.813 757 85 271.782 332 18 -49.813 906 78	4.18 4.18	-4.63 -30.14 -4.63 -30.14	1.75 1.28 1.97 1.92 1.20 5.90 3.38 1.97 1.92 1.20	A 208 0.608															
18072-1855	1	FND	X A 88762 D 88762	10.846 0.056 11.504 0.096			271.803 960 84 -18.905 269 23 271.803 806 17 -18.905 595 20	9.87 9.87	27.17 -198.53 27.17 -198.53	14.15 10.74 8.63 9.67 5.62 76.58 50.97 8.63 9.67 5.62	A 204 1.29															
18075+1940	1	FCA	A 88791 B 88791	7.886 0.012 8.869 0.028			271.872 986 35 +19.666 419 19 271.872 923 18 +19.666 343 98	5.24 5.24	4.71 2.97 4.71 2.97	1.77 1.98 1.08 0.82 1.00 4.57 4.86 1.08 0.82 1.00	A 218 0.345															

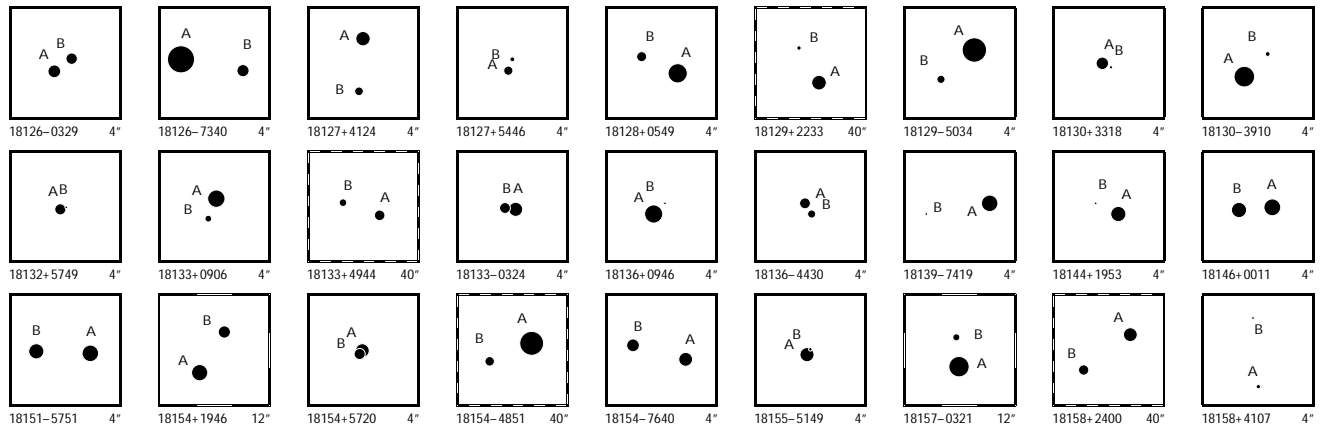


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18079+2606	1	INB	B 88817 A 88818	5.836 0.022 5.951 0.024	5.985 0.003 6.049 0.003	5.845 0.003 5.876 0.003	271.956 288 10 +26.097 267 16 271.956 510 31 +26.101 221 14	19.65 14.27	-10.47 29.79 -1.92 24.37	6.65 8.37 4.61 4.22 5.11 2.08 2.58 2.66 2.45 2.83	B	2.89	14.25	+0.04	0.00										
18084+4407	1	FCA	A 88852 B 88852	7.582 0.102 7.808 0.125			272.090 808 81 +44.112 504 65 272.090 830 69 +44.112 537 69	10.33 10.33	21.38 24.90 21.38 24.90	4.08 6.28 0.54 0.52 0.52 4.47 6.58 0.54 0.52 0.52	A	25	0.132												
18084-7221	1	FCC	A 88854 B 88854	9.415 0.009 12.696 0.184	10.531 0.026	9.367 0.016	272.096 323 82 -72.344 079 33 272.091 091 61 -72.341 736 04	2.30 2.30	-37.05 -35.84 -37.05 -35.84	1.08 1.65 2.01 1.05 1.62 35.40 53.37 2.01 1.05 1.62	A	325.9	10.19												
18085-4546	1	FCA	A 88859 B 88859	6.144 0.003 9.882 0.090	6.040 0.003 9.689 0.059	6.144 0.004 9.546 0.088	272.125 459 79 -45.766 972 81 272.123 881 95 -45.767 213 73	4.00 4.00	-2.56 -17.39 -2.56 -17.39	0.84 0.55 1.01 0.97 0.59 23.24 14.57 1.01 0.97 0.59	A	257.7	4.06												
18086+1245	1	FCA	A 88861 B 88861	9.391 0.008 11.944 0.079			272.138 081 77 +12.753 025 89 272.138 201 26 +12.752 942 21	1.43 1.43	-5.33 -11.02 -5.33 -11.02	1.80 1.52 1.82 1.81 1.50 18.70 16.05 1.82 1.81 1.50	A	126	0.52												
18086+1700	1	FCA	A 88868 B 88868	9.318 0.007 11.720 0.066			272.149 202 78 +17.002 645 39 272.149 319 40 +17.002 589 37	3.23 3.23	-1.88 3.76 -1.88 3.76	1.84 1.57 1.76 1.57 1.42 14.68 14.72 1.76 1.57 1.42	A	117	0.45												
18086+1838	1	FCA	A 88875 B 88875	8.836 0.023 9.220 0.032			272.159 380 20 +18.635 768 32 272.159 462 01 +18.635 766 80	0.36 0.36	-1.85 -7.37 -1.85 -7.37	3.48 1.78 1.26 1.11 0.96 4.59 3.28 1.26 1.11 0.96	A	91	0.279												
18086-0948	1	FCA	A 88872 B 88872	9.559 0.011 12.300 0.133			272.154 920 31 -9.801 478 96 272.154 780 03 -9.801 533 73	5.33 5.33	9.07 -10.35 9.07 -10.35	2.92 1.96 2.40 3.05 1.86 42.27 30.13 2.40 3.05 1.86	A	248	0.54												
18086-2752	1	FCA	A 88864 B 88864	7.645 0.005 9.095 0.019	8.768 0.027	7.522 0.017	272.144 943 18 -27.864 178 79 272.144 243 95 -27.864 216 95	5.17 5.17	3.92 -11.38 3.92 -11.38	1.48 0.96 1.44 1.44 0.86 7.35 4.41 1.44 1.44 0.86	A	266.5	2.23												
18089+2435	1	FCB	A 88910 B 88910	8.477 0.137 9.883 0.501			272.236 937 04 +24.576 413 12 272.236 957 08 +24.576 372 92	5.05 5.05	4.71 -8.84 4.71 -8.84	8.96 9.47 0.98 0.57 0.85 29.82 33.67 0.98 0.57 0.85	A	156	0.16												
18089-2528	1	ICA	A 88905 B 88908	6.764 0.024 8.436 0.065	6.695 0.031 8.823 0.020	6.710 0.029 8.761 0.028	272.225 184 98 -25.473 036 02 272.228 923 22 -25.471 434 24	1.03 36.65	0.84 -8.94 -28.05 -10.88	2.91 1.97 2.13 3.38 2.01 21.96 12.68 9.63 13.57 7.31	A	64.61	13.45	-0.05	-0.03										
18089-6437	1	FND	D 88895 B 88895	9.280 0.007 13.126 0.233			272.214 706 58 -64.617 441 20 272.214 237 20 -64.617 303 22	2.22 2.22	0.84 -14.35 0.84 -14.35	1.06 1.24 1.73 1.40 1.33 53.20 68.12 1.73 1.40 1.33	A	304	0.88												
18090-3617	1	LCA	A 88920 B 88920	9.150 0.067 9.595 0.100			272.258 170 57 -36.284 801 76 272.258 186 40 -36.284 745 75	11.25 11.25	-21.73 4.40 -19.17 -13.02	3.64 7.00 1.55 3.57 1.70 6.72 9.39 1.55 5.49 2.53	A	13	0.207	+2	-0.016										
18092-2211	1	FCA	A 88932 S 88932	9.583 0.251 9.924 0.344			272.300 736 20 -22.183 496 55 272.300 742 96 -22.183 534 42	29.58 29.58	-7.29 -91.93 -7.29 -91.93	8.59 19.51 1.36 1.52 1.09 12.10 22.19 1.36 1.52 1.09	A	171	0.14												
18093+1329	1	FCA	A 88938 B 88938	8.731 0.005 10.143 0.018	8.632 0.010 10.124 0.069	8.684 0.013 9.824 0.078	272.313 007 57 +13.485 099 49 272.312 533 06 +13.485 989 81	1.27 1.27	0.94 -6.03 0.94 -6.03	1.27 1.15 1.60 1.29 1.18 4.76 4.67 1.60 1.29 1.18	A	332.6	3.61												
18093-2607	1	FCA	A 88937 D 88937	7.812 0.004 10.699 0.059	8.465 0.027	7.728 0.023	272.312 865 37 -26.115 960 48 272.312 658 51 -26.115 645 75	24.75 24.75	-31.32 -338.01 -31.32 -338.01	3.46 2.60 3.32 4.47 2.71 89.31 61.99 3.32 4.47 2.71	A	329	1.32												
18096+0359	1	LCA	A 88964 B 88964	6.069 0.004 7.411 0.013			272.391 100 31 +3.993 286 54 272.391 009 14 +3.993 362 67	19.62 19.62	50.07 -4.47 31.31 -12.25	1.74 1.54 1.22 1.33 1.11 7.76 7.59 1.22 4.25 4.11	A	310	0.427	-2	+0.009										
18096+0609	1	LCA	A 88965 B 88965	8.339 0.008 8.789 0.012			272.392 616 09 +6.145 797 83 272.392 778 67 +6.145 884 30	9.41 9.41	-1.57 -32.03 -11.15 -29.36	3.47 3.15 2.59 2.95 2.78 5.57 4.49 2.59 3.81 3.64	A	61.9	0.660	-0.6	-0.007										
18097+5024	1	LCA	A 88975 B 88975	7.758 0.004 8.619 0.008			272.419 312 85 +50.402 049 63 272.419 091 73 +50.401 904 02	6.79 6.79	6.88 9.18 11.75 -0.33	1.13 1.18 1.03 1.16 1.20 3.43 3.42 1.03 2.67 2.06	A	224.1	0.730	-0.8	+0.003										
18099+4824	1	ICA	A 88999 B 89003	8.141 0.005 10.617 0.041	8.599 0.015 11.176 0.076	8.098 0.015 10.335 0.059	272.474 404 10 +48.401 448 35 272.479 775 66 +48.401 897 53	13.35 13.81	-27.04 60.67 -24.07 51.35	1.26 1.23 1.05 1.33 1.25 16.14 17.43 11.78 14.20 14.57	A	82.8	12.94	0.0	0.00										
18099-0755	1	FCC	A 88996 B 88996	9.600 0.010 13.099 0.246			272.468 218 27 -7.913 686 06 272.468 305 94 -7.913 539 99	17.66 17.66	-13.18 -13.60 -13.18 -13.60	2.01 1.56 1.87 1.85 1.35 64.88 40.62 1.87 1.85 1.35	A	31	0.61												
18101+1629	1	FCA	A 89023 B 89023	6.777 0.006 7.203 0.009			272.536 369 26 +16.476 617 34 272.536 138 49 +16.476 361 77	2.17 2.17	-1.65 -11.42 -1.65 -11.42	1.44 1.36 1.73 1.68 1.36 4.25 4.15 1.73 1.68 1.36	A	220.9	1.22												
18101-3044	1	FCA	A 89020 B 89020	5.816 0.003 7.995 0.022	6.998 0.021	5.734 0.008	272.524 189 33 -30.728 597 47 272.524 003 90 -30.727 479 34	9.05 9.05	12.57 -28.23 12.57 -28.23	1.09 0.73 1.12 1.11 0.67 10.52 6.85 1.12 1.11 0.67	A	351.9	4.07												
18102-7859	1	FCA	A 89030 B 89030	9.598 0.009 9.926 0.012	10.155 0.029 10.473 0.031	9.481 0.025 9.758 0.026	272.557 494 62 -78.986 562 90 272.568 981 64 -78.987 705 80	8.69 8.69	-10.35 -43.73 -10.35 -43.73	2.18 2.36 2.68 2.07 2.44 4.70 5.11 2.68 2.07 2.44	A	117.52	8.91												
18104+0033	1	FCA	A 89038 B 89038	8.121 0.005 10.267 0.033	8.204 0.012	8.061 0.014	272.599 854 32 +0.543 379 46 272.599 244 85 +0.543 967 97	7.28 7.28	2.67 -6.24 2.67 -6.24	1.49 1.09 1.54 1.32 1.04 11.78 9.91 1.54 1.32 1.04	A	314.0	3.05												
18104+3221	1	FCA	A 89041 B 89041	8.247 0.006 11.120 0.074	8.407 0.010	8.197 0.011	272.609 252 88 +32.352 805 26 272.608 645 92 +32.352 090 29	6.17 6.17	17.08 -0.58 17.08 -0.58	0.96 0.96 1.19 1.12 1.10 14.79 15.86 1.19 1.12 1.10	A	215.6	3.17												
18105-5019	1	FCA	A 89044 B 89044	11.125 0.019 11.503 0.026			272.613 202 56 -50.317 651 63 272.613 362 74 -50.317 772 84	0.76 0.76	10.93 -9.41 10.93 -9.41	10.03 7.47 5.95 9.64 7.29 31.91 14.91 5.95 9.64 7.29	A	140	0.57												

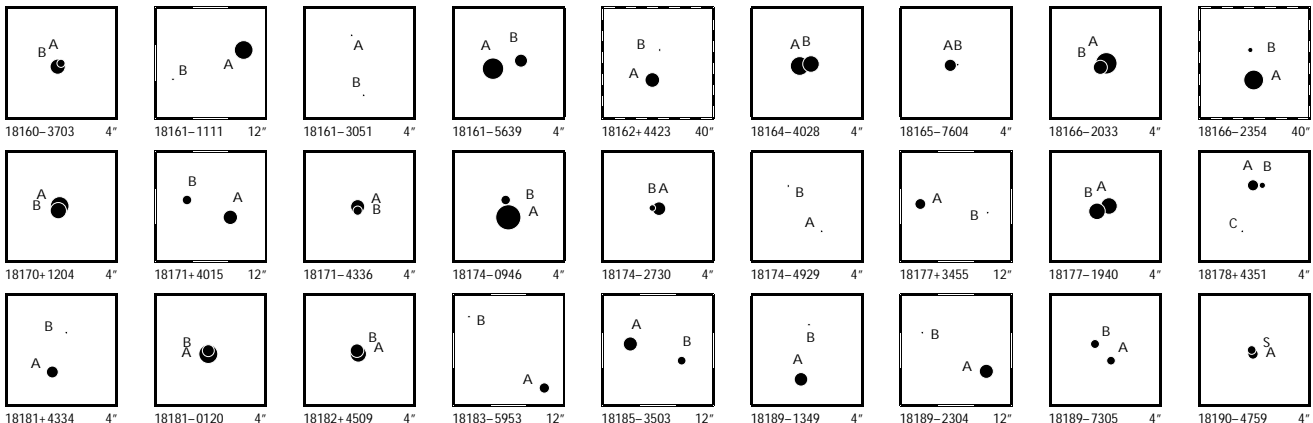


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
18106+0738	1	F	A	89059	7.661	0.006				272.656	334 84	+7.635	389 06	5.38	-2.73	8.75	1.16	1.12	1.21	1.13	1.11	A	241	0.93			
			B	89059	10.994	0.136				272.656	106 42	+7.635	264 39	5.38	-2.73	8.75	24.87	25.86	1.21	1.13	1.11						
18106-2602	1	F	A	89049	7.697	0.005				272.639	797 40	-26.032	898 24	3.87	4.98	-7.95	1.56	1.30	1.45	1.75	1.06	A	167	0.58			
			B	89049	11.722	0.192				272.639	837 27	-26.033	054 65	3.87	4.98	-7.95	62.74	36.80	1.45	1.75	1.06						
18106-7511	1	I	A	89050	7.689	0.009	7.624	0.007	7.652	0.008	272.641	445 38	-75.188	060 60	2.12	10.88	-16.72	1.54	1.86	1.79	1.56	1.91	A	171.56	13.16	+0.01	0.00
			B	89051	8.833	0.022	8.831	0.012	8.718	0.015	272.643	543 76	-75.191	677 11	2.54	8.06	-13.46	7.98	8.27	4.14	5.04	5.41					
18108-3529	1	F	A	89076	9.866	0.052				272.692	606 64	-35.478	062 55	9.12	12.80	-15.51	5.87	6.29	1.72	2.32	1.29	A	345	0.23			
			S	89076	9.880	0.052				272.692	586 37	-35.477	999 68	9.12	12.80	-15.51	4.56	6.06	1.72	2.32	1.29						
18110+5038	1	F	A	89092	9.395	0.013				272.747	255 72	+50.632	535 17	5.30	-11.28	8.76	2.14	2.00	1.36	1.49	1.59	A	309	0.36			
			B	89092	11.509	0.092				272.747	132 31	+50.632	598 02	5.30	-11.28	8.76	15.98	15.80	1.36	1.49	1.59						
18112+3906	1	F	A	89110	7.087	0.003				272.804	193 06	+39.100	559 12	5.34	-3.07	0.74	0.66	0.65	0.70	0.66	0.68	A	344	0.64			
			B	89110	10.376	0.060				272.804	131 23	+39.100	731 11	5.34	-3.07	0.74	16.87	11.84	0.70	0.66	0.68						
18112+6915	1	F	A	89113	9.178	0.006	9.610	0.029	9.039	0.028	272.813	421 76	+69.249	864 50	6.85	10.65	26.79	2.31	2.41	1.90	2.29	2.71	A	205.2	4.348		
			B	89113	9.214	0.006	9.637	0.037	9.097	0.036	272.811	970 48	+69.248	771 79	6.85	10.65	26.79	3.91	4.80	1.90	2.29	2.71					
18112-1642	1	F	A	89111	8.501	0.007				272.805	123 03	-16.703	906 50	0.54	0.42	0.18	1.83	1.13	1.91	1.98	1.13	A	291	0.71			
			B	89111	10.812	0.060				272.804	930 76	-16.703	835 38	0.54	0.42	0.18	14.20	8.83	1.91	1.98	1.13						
18112-1723	1	F	A	89106	9.084	0.021				272.794	501 28	-17.383	518 57	-0.05	1.48	1.06	4.21	2.23	3.21	3.34	1.91	A	257	0.42			
			B	89106	10.272	0.063				272.794	382 52	-17.383	545 44	-0.05	1.48	1.06	13.83	7.35	3.21	3.34	1.91						
18112-1951	1	F	A	89114	7.102	0.008				272.811	612 73	-19.841	882 62	8.94	-3.75	-30.85	2.83	2.08	2.79	3.48	2.15	A	193.1	1.34			
			B	89114	7.179	0.008				272.811	522 85	-19.842	245 78	8.94	-3.75	-30.85	6.84	5.40	2.79	3.48	2.15						
18112-4418	1	F	A	89108	9.021	0.015	9.514	0.014	8.956	0.013	272.799	697 75	-44.299	348 94	6.61	15.66	31.33	1.80	1.12	2.01	2.36	1.23	A	52.1	18.79		
			B	89108	11.299	0.104				272.805	447 98	-44.296	140 25	6.61	15.66	31.33	37.44	22.88	2.01	2.36	1.23						
18114+2519	1	F	A	89122	8.655	0.005				272.837	442 21	+25.321	830 19	2.75	4.60	5.14	1.25	1.37	1.78	1.37	1.46	A	76.1	0.623			
			B	89122	9.652	0.012				272.837	628 16	+25.321	871 88	2.75	4.60	5.14	3.15	4.54	1.78	1.37	1.46						
18114-3615	1	F	A	89123	10.092	0.038				272.839	668 01	-36.253	870 51	0.16	-2.13	-7.97	3.68	5.81	2.41	3.39	1.76	A	191	0.34			
			B	89123	10.994	0.087				272.839	645 58	-36.253	962 28	0.16	-2.13	-7.97	10.53	11.01	2.41	3.39	1.76						
18118+3327	1	F	A	89156	6.075	0.003				272.937	964 97	+33.447	027 48	4.27	13.52	12.14	0.56	0.58	0.66	0.57	0.60	A	218	0.71			
			C	89156	8.994	0.038				272.937	818 51	+33.446	871 74	4.27	13.52	12.14	7.35	7.74	0.66	0.57	0.60						
18118-1541	1	F	A	89170	8.046	0.006	8.192	0.011	8.006	0.013	272.962	124 17	-15.679	855 88	0.81	4.92	-3.09	1.66	1.04	1.66	1.75	1.06	A	29.5	4.16		
			B	89170	11.118	0.100				272.962	715 52	-15.678	850 71	0.81	4.92	-3.09	32.24	18.92	1.66	1.75	1.06						
18118-1823	1	F	A	89158	10.058	0.030	10.366	0.044	10.060	0.053	272.944	966 83	-18.381	202 14	-1.43	-5.28	-2.67	3.44	1.97	3.61	3.65	2.17	A	278.7	5.79		
			B	89158	11.831	0.112				272.943	292 70	-18.380	958 96	-1.43	-5.28	-2.67	27.53	15.20	3.61	3.65	2.17						
			C	89158	13.049	0.429				272.948	718 30	-18.380	668 98	-1.43	-5.28	-2.67	105.18	57.92	3.61	3.65	2.17						
18118-2956	1	F	A	89163	9.804	0.021	10.364	0.057	9.879	0.070	272.947	286 74	-29.934	978 38	4.79	-4.26	-8.43	2.61	1.63	2.58	2.55	1.51	A	333.1	9.15		
			B	89163	12.447	0.106				272.945	958 48	-29.932	711 19	4.79	-4.26	-8.43	38.83	22.63	2.58	2.55	1.51						
18121+2739	1	F	A	89190	8.392	0.007				273.028	179 40	+27.643	300 29	3.92	18.39	-3.14	1.26	1.72	1.93	1.48	1.92	A	272.2	0.963			
			B	89190	8.633	0.008				273.027	877 80	+27.643	310 44	3.92	18.39	-3.14	2.08	3.29	1.93	1.48	1.92						
18121+4644	1	F	A	89186	8.714	0.066				273.021	504 53	+46.736	650 33	9.74	-61.44	-57.74	5.23	5.24	0.71	0.78	0.71	B	222	0.20			
			A	89186	11.067	0.575				273.021	450 50	+46.736	609 34	9.74	-61.44	-57.74	33.76	36.48	0.71	0.78	0.71						
18122+0814	1	F	A	89195	7.386	0.005				273.042	978 73	+8.227	168 47	5.26	-15.92	-50.79	1.35	1.09	1.15	1.12	1.11	A	264	0.49			
			B	89195	10.618	0.102				273.042	840 98	+8.227	154 76	5.26	-15.92	-50.79	29.04	24.28	1.15	1.12	1.11						
18122-1400	1	F	A	89194	10.034	0.133				273.037	497 62	-14.007	866 02	2.75	3.46	-9.03	6.03	11.05	1.52	1.56	0.96	A	160	0.17			
			B	89194	10.510	0.207				273.037	514 50	-14.007	910 81	2.75	3.46	-9.03	8.84	15.09	1.52	1.56	0.96						
18122-3217	1	F	A	89199	9.057	0.015	10.062	0.040	8.840	0.023	273.055	997 65	-32.281	580 23	2.58	-0.02	-16.82	3.73	2.65	3.23	4.39	2.58	A	157	1.35		
			B	89199	9.908	0.032				273.056	169 09	-32.281	925 53	2.58	-0.02	-16.82	13.16	9.38	3.23	4.39	2.58						
18123+0154	1	F	A	89207	8.645	0.006	9.332	0.022	8.539	0.018	273.075	681 59	+1.897	538 13	16.54	-1.59	-39.90	1.47	1.15	1.42	1.27	1.06	A	109	2.14		
			B	89207	11.698	0.091				273.076	242 37	+1.897	343 82	16.54	-1.59	-39.90	26.99	21.57									

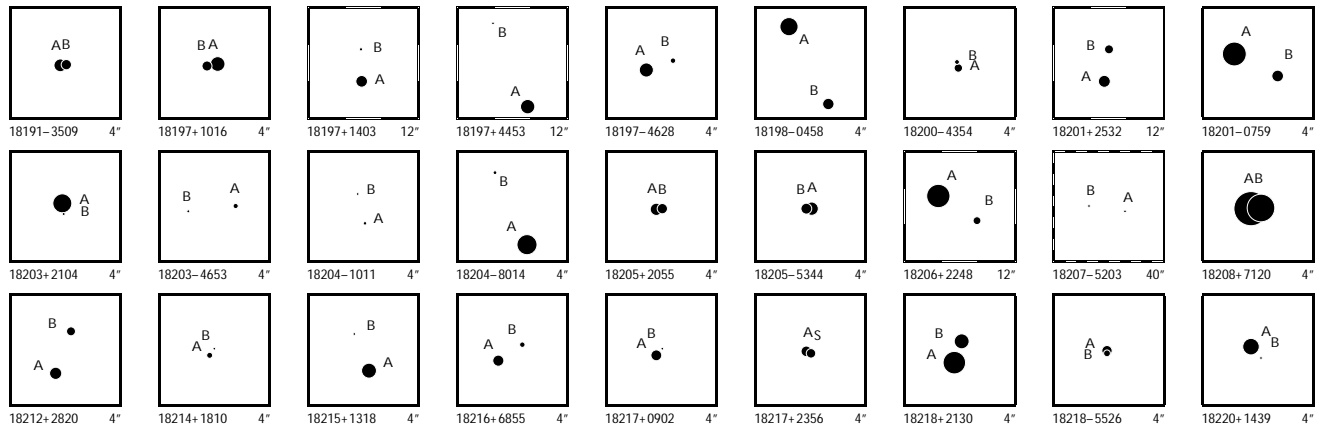
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18126-0329	1	F CA	A 89236 B 89236	9.195 0.009 9.489 0.011							273.150 802 54 273.150 626 55	-3.485 678 53 -3.485 551 23	7.05 7.05	18.67 18.67	-8.05 -8.05	2.82 2.03 2.80 3.17 2.08 6.07 3.47 2.80 3.17 2.08					A 305.9	0.781			
18126-7340	1	F CA	A 89234 B 89234	6.013 0.003 9.284 0.055	6.446 0.003	5.951 0.003					273.142 357 62 273.140 099 18	-73.671 778 67 -73.671 895 29	24.48 24.48	-54.84 -54.84	-262.65 -262.65	0.47 0.59 0.69 0.46 0.68 13.96 12.05 0.69 0.46 0.68					A 259.6	2.32			
18127+4124	1	F CA	A 89240 B 89240	8.808 0.005 10.098 0.015	9.067 0.014 10.197 0.051	8.668 0.013 9.587 0.033					273.161 924 59 273.161 983 79	+41.385 511 80 +41.384 967 89	7.87 7.87	11.83 11.83	23.74 23.74	1.10 1.18 1.18 0.99 1.43 6.15 4.16 1.18 0.99 1.43					A 175.3	1.965			
18127+5446	1	F CA	A 89243 B 89243	9.933 0.010 10.890 0.021							273.170 553 56 273.170 494 02	+54.768 581 63 +54.768 695 47	4.84 4.84	14.01 14.01	-7.41 -7.41	2.07 1.84 1.66 1.55 1.74 7.12 5.20 1.66 1.55 1.74					A 343	0.428			
18128+0549	1	F CA	A 89252 B 89252	7.768 0.005 9.777 0.031	7.725 0.011	7.700 0.015					273.204 171 54 273.204 517 50	+5.822 498 14 +5.822 665 62	5.78 5.78	-9.52 -9.52	-13.16 -13.16	1.20 1.01 1.30 1.25 0.99 8.59 7.03 1.30 1.25 0.99					A 65.6	1.46			
18129+2233	1	F CA	A 89266 B 89266	8.775 0.009 11.031 0.070	10.197 0.024	8.766 0.013					273.239 020 12 273.241 251 15	+22.536 990 01 +22.540 512 91	1.31 1.31	-4.23 -4.23	5.05 5.05	0.99 1.29 1.60 1.14 1.46 13.68 17.47 1.60 1.14 1.46					A 30.3	14.69			
18129-5034	1	F CA	A 89264 B 89264	6.624 0.004 10.171 0.096	6.938 0.005	6.572 0.005					273.234 359 12 273.234 881 68	-50.558 641 63 -50.558 944 49	14.38 14.38	-1.68 -1.68	-79.33 -79.33	0.89 0.67 0.99 1.00 0.64 28.49 21.90 0.99 1.00 0.64					A 132	1.62			
18130+3318	1	F CA	A 89268 B 89268	9.235 0.023 11.290 0.151							273.241 653 43 273.241 551 25	+33.298 313 27 +33.298 274 53	15.58 15.58	130.94 130.94	-28.56 -28.56	4.85 3.04 1.51 1.44 1.48 20.47 19.23 1.51 1.44 1.48					A 246	0.34			
18130-3910	1	F CA	A 89269 B 89269	7.421 0.009 10.931 0.217	7.998 0.010	7.332 0.010					273.246 343 97 273.246 028 06	-39.161 501 13 -39.161 267 68	23.58 23.58	27.26 27.26	-145.06 -145.06	2.22 1.44 2.09 2.37 1.40 96.40 57.63 2.09 2.37 1.40					A 314	1.22			
18132+5749	1	F CA	A 89287 B 89287	9.530 0.045 11.563 0.293							273.288 802 07 273.288 690 89	+57.817 681 83 +57.817 698 93	3.94 3.94	5.43 5.43	21.15 21.15	5.53 3.16 1.00 0.93 1.06 24.82 19.84 1.00 0.93 1.06					A 286	0.22			
18133+0906	1	F CA	A 89301 B 89301	8.171 0.007 10.493 0.057							273.328 245 56 273.328 326 50	+9.097 063 15 +9.096 864 19	9.39 9.39	15.22 15.22	-15.88 -15.88	1.65 1.57 2.03 1.79 1.93 17.02 16.35 2.03 1.79 1.93					A 158	0.77			
18133+4944	1	L CA	A 89299 B 89299	9.665 0.017 10.297 0.028	10.870 0.059 11.020 0.077	9.547 0.032 10.360 0.069					273.321 812 99 273.327 638 58	+49.731 259 30 +49.732 519 30	5.47 5.47	-6.22 -5.60	-4.70 15.14	2.63 2.83 2.40 2.10 2.42 9.97 9.97 2.40 5.48 6.40					A 71.50	14.29	-0.07	+0.01	
18133-0324	1	F CA	A 89300 B 89300	8.895 0.020 9.612 0.038							273.327 432 49 273.327 538 17	-3.406 799 81 -3.406 785 62	4.81 4.81	0.46 0.46	-0.17 -0.17	3.21 1.73 2.00 1.92 1.39 6.41 3.95 2.00 1.92 1.39					A 82	0.383			
18136+0946	1	F CC	A 89329 B 89329	7.969 0.005 11.711 0.145							273.402 923 22 273.402 800 87	+9.773 498 70 +9.773 610 38	5.17 5.17	-19.04 -19.04	-27.98 -27.98	2.64 2.42 3.19 2.69 2.60 92.22 94.77 3.19 2.69 2.60					A 313	0.59			
18136-4430	1	F CA	A 89332 B 89332	9.599 0.009 10.214 0.015							273.411 523 00 273.411 431 65	-44.499 915 71 -44.500 029 83	3.02 3.02	-0.20 -0.20	-10.64 -10.64	2.77 2.02 2.86 3.12 1.86 5.49 3.84 2.86 3.12 1.86					A 210	0.473			
18139-7419	1	F ND	D A 89351 B 89351	8.366 0.006 12.496 0.241	8.380 0.007	8.337 0.009					273.486 615 46 273.489 019 72	-74.310 385 46 -74.310 504 68	3.28 3.28	10.04 10.04	4.30 4.30	0.74 0.94 1.10 0.72 0.89 52.13 57.41 1.10 0.72 0.89					A 100	2.38			
18144+1953	1	F ND	D A 89383 B 89383	8.641 0.006 12.226 0.165							273.602 970 25 273.603 220 59	+19.879 146 59 +19.879 257 23	3.80 3.80	5.88 5.88	-4.84 -4.84	1.10 1.16 1.37 1.03 1.09 35.87 39.37 1.37 1.03 1.09					A 65	0.94			
18146+0011	1	F CA	A 89393 B 89393	8.287 0.007 8.624 0.009							273.640 178 36 273.640 520 61	+0.175 890 29 +0.175 866 62	11.45 11.45	16.80 16.80	-30.43 -30.43	2.04 1.36 1.97 1.57 1.25 3.50 2.94 1.97 1.57 1.25					A 94.0	1.235			
18151-5751	1	L CA	A 89430 B 89430	8.318 0.006 8.650 0.008	8.756 0.025 9.160 0.026	8.164 0.023 8.462 0.018					273.785 386 72 273.786 434 93	-57.854 137 20 -57.854 113 98	20.12 20.12	65.08 60.79	-113.61 -103.25	1.86 1.33 1.80 1.80 1.30 3.72 2.36 1.80 3.52 2.58					A 87.6	2.010	-0.3	-0.004	
18154+1946	1	F CA	A 89458 B 89458	8.399 0.005 9.270 0.010	8.749 0.012 9.578 0.023	8.318 0.012 9.026 0.021					273.854 360 85 273.853 560 16	+19.770 377 89 +19.771 623 96	7.71 7.71	8.94 8.94	-1.47 -1.47	1.39 1.33 1.60 1.33 1.30 3.55 4.67 1.60 1.33 1.30					A 328.84	5.242			
18154+5720	1	F CA	A 89455 B 89455	8.928 0.129 9.563 0.231							273.840 531 48 273.840 585 63	+57.335 652 96 +57.335 619 59	16.44 16.44	17.57 17.57	-65.44 -65.44	8.05 7.98 0.71 1.00 0.74 11.92 12.47 0.71 0.70 0.74					A 139	0.16			
18154-4851	1	F CB	A 89460 B 89460	6.742 0.008 9.916 0.131	7.695 0.010 10.415 0.062	6.672 0.004 9.770 0.059					273.861 156 25 273.867 835 10	-48.851 630 90 -48.853 522 03	10.56 10.56	-1.89 -1.89	21.23 21.23	0.93 0.63 0.95 1.01 0.61 35.34 23.69 0.95 1.01 0.61					A 113.3	17.22			
18154-7640	1	F CA	A 89459 B 89459	8.930 0.005 9.193 0.006	9.241 0.019 9.418 0.014	8.756 0.018 8.989 0.016					273.855 826 96 273.858 154 82	-76.666 779 72 -76.666 641 77	2.35 2.35	1.35 1.35	-19.82 -19.82	1.62 1.62 1.95 1.88 1.60 2.34 3.33 1.95 1.88 1.60					A 75.6	1.995			
18155-5149	1	F CB	A 89471 B 89471	8.890 0.049 11.237 0.425							273.878 003 17 273.877 939 02	-51.820 854 96 -51.820 801 92	7.11 7.11	9.50 9.50	-30.70 -30.70	5.35 5.64 1.67 1.72 1.13 33.89 29.49 1.67 1.72 1.13					A 323	0.24			
18157-0321	1	F CA	A 89489 B 89489	7.521 0.004 10.418 0.047	8.710 0.012 11.722 0.403	7.469 0.008 10.220 0.151					273.926 867 21 273.926 955 80	-3.357 661 17 -3.356 766 16	4.37 4.37	-2.83 -2.83	9.40 9.40	1.13 0.84 1.13 1.05 0.78 15.54 10.38 1.13 1.05 0.78					A 5.6	3.24			
18158+2400	1	I CA	A 89491 B 89493	8.918 0.024 9.737 0.043	9.948 0.017 10.073 0.019	8.812 0.011 9.649 0.020					273.941 256 13 273.946 482 56	+23.996 014 61 +23.992 395 26	-4.19 -6.91	11.25 -5.99	1.56 -12.26	1.51 3.01 2.99 1.77 3.47 11.01 20.81 6.45 9.54 14.16					A 127.16	21.57	+0.06	-0.01	
18158+4107	1	F CA	A 89498 B 89498	11.058 0.018 12.364 0.050	11.511 0.077	11.268 0.104					273.957 015 94 273.957 086 17	+41.110 607 04 +41.111 309 40	2.46 2.46	-13.94 -13.94	-32.42 -32.42	2.18 2.13 2.29 2.26 2.44 10.74 12.90 2.29 2.26 2.44					A 4.3	2.54			



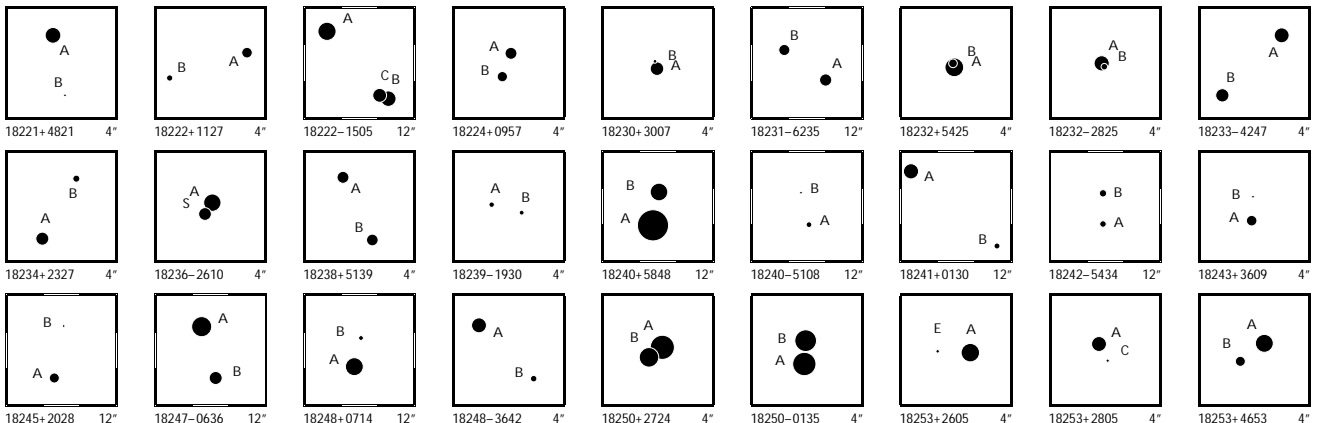
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
18160-3703	1	F C B	B 89513 A 89513	8.634 0.087 10.184 0.361							273.996 035 89 273.995 986 92	-37.053 691 50 -37.053 661 48	12.17 12.17	34.36 -121.72 34.36 -121.72	7.94 5.68 1.67 2.02 1.11 34.23 24.26 1.67 2.02 1.11	B 308	0.18									
18161-1111	1	F N D	A 89524 B 89524	7.838 0.005 12.005 0.243	8.395 0.015	7.792 0.009					274.019 344 04 274.021 534 01	-11.179 803 31 -11.180 700 82	11.33 11.33	-27.52 -50.52 -27.52 -50.52	1.18 0.92 1.28 1.47 0.94 81.43 42.92 1.28 1.47 0.94	A 112.7	8.38									
18161-3051	1	F N D	A 89526 B 89526	11.984 0.062 13.065 0.164							274.023 252 42 274.023 109 46	-30.853 109 61 -30.853 716 64	4.47 4.47	-37.19 -13.04 -37.19 -13.04	9.59 6.38 7.92 11.95 6.78 71.38 34.45 7.92 11.95 6.78	A 191	2.23									
18161-5639	1	F C A	A 89530 B 89530	7.250 0.003 9.097 0.017							274.029 477 13 274.028 962 77	-56.650 828 81 -56.650 741 76	7.46 7.46	-9.65 -39.45 -9.65 -39.45	1.02 0.72 1.10 1.06 0.74 5.34 3.79 1.10 1.06 0.74	A 287.1	1.07									
18162+4423	1	F C A	A 89540 B 89540	8.781 0.007 11.863 0.125	9.931 0.021	8.704 0.013					274.056 493 88 274.055 338 65	+44.379 040 73 +44.382 047 89	5.17 5.17	11.73 -25.81 11.73 -25.81	1.28 1.10 1.19 1.28 1.20 35.63 27.21 1.19 1.28 1.20	A 344.6	11.23									
18164-4028	1	L C A	A 89552 B 89552	7.888 0.009 8.336 0.013							274.096 432 73 274.096 275 25	-40.472 132 74 -40.472 111 07	2.11 2.11	-5.62 -4.47 -4.29 -8.93	2.17 1.31 1.63 1.91 1.15 3.73 2.68 1.63 2.67 1.67	A 280.3	0.438	-0.5	-0.002							
18165-7604	1	F C A	A 89559 B 89559	9.288 0.037 11.732 0.355							274.120 522 42 274.120 210 11	-76.071 521 90 -76.071 519 28	2.89 2.89	-1.27 -14.33 -1.27 -14.33	7.68 5.86 1.51 1.43 1.42 41.09 42.43 1.51 1.43 1.42	A 272	0.27									
18166-2033	1	F C A	A 89567 B 89567	7.239 0.019 8.885 0.088							274.147 350 79 274.147 405 10	-20.544 456 62 -20.544 501 88	5.39 5.39	7.51 -9.52 7.51 -9.52	3.65 2.57 1.32 1.29 0.88 15.67 9.94 1.32 1.29 0.88	A 132	0.25									
18166-2354	1	F C A	A 89566 B 89566	7.648 0.005 10.873 0.085	8.017 0.012	7.590 0.015					274.142 556 00 274.142 953 55	-23.902 458 76 -23.899 431 71	7.65 7.65	8.59 -43.94 8.59 -43.94	1.29 0.83 1.28 1.32 0.84 32.60 20.23 1.28 1.32 0.84	A 6.8	10.98									
18170+1204	1	F C A	A 89595 B 89595	7.876 0.073 8.403 0.119							274.248 038 16 274.248 053 87	+12.067 704 21 +12.067 663 72	2.49 2.49	-1.71 1.00 -1.71 1.00	3.18 6.04 1.01 0.81 0.83 4.60 7.92 1.01 0.81 0.83	A 159	0.156									
18171+4015	1	F C A	A 89603 B 89603	8.826 0.007 9.927 0.018	10.046 0.028 10.405 0.041	8.743 0.016 9.762 0.036					274.279 088 57 274.280 846 92	+40.255 845 53 +40.256 357 88	4.40 4.40	1.99 19.98 1.99 19.98	1.18 1.25 1.29 1.04 1.43 5.04 4.12 1.29 1.04 1.43	A 69.10	5.17									
18171-4336	1	F C A	A 89599 B 89599	8.880 0.159 9.947 0.425							274.265 860 88 274.265 852 42	-43.594 794 77 -43.594 830 36	2.69 2.69	4.63 -10.41 4.63 -10.41	5.01 9.12 1.26 1.32 0.88 16.28 26.85 1.26 1.32 0.88	A 190	0.13									
18174-0946	1	F C A	A 89623 B 89623	6.421 0.002 9.907 0.055							274.350 659 94 274.350 687 37	-9.758 465 09 -9.758 287 10	7.58 7.58	4.82 -46.41 4.82 -46.41	0.93 0.68 0.91 0.87 0.62 17.80 10.91 0.91 0.87 0.62	A 9	0.65									
18174-2730	1	F C B	A 89625 B 89625	9.026 0.165 10.549 0.672							274.356 288 73 274.356 361 91	-27.497 616 14 -27.497 608 04	2.66 2.66	4.42 -14.09 4.42 -14.09	21.72 3.51 2.02 2.69 1.63 58.19 19.91 2.02 2.69 1.63	A 83	0.24									
18174-4929	1	L C A	A 89621 B 89621	11.837 0.023 12.458 0.040							274.348 445 12 274.348 970 73	-49.490 802 41 -49.490 338 17	13.28 13.28	-52.57 -216.19 -35.02 -205.81	5.75 4.08 5.37 5.20 3.00 19.44 13.18 5.37 10.43 5.84	A 36.3	2.07	+0.2	+0.02							
18177+3455	1	F C A	A 89645 B 89645	9.576 0.022 11.838 0.146	11.758 0.091	9.993 0.030					274.414 010 01 274.411 483 69	+34.918 357 18 +34.918 068 94	4.48 4.48	2.08 13.33 2.08 13.33	1.93 2.16 2.34 2.03 2.46 16.30 21.22 2.34 2.03 2.46	A 262.1	7.53									
18177-1940	1	F C A	A 89647 B 89647	8.346 0.007 8.365 0.007							274.416 578 44 274.416 711 42	-19.672 178 72 -19.672 233 32	2.32 2.32	2.03 0.96 2.03 0.96	2.88 1.84 2.09 2.42 1.55 3.44 2.37 2.09 2.42 1.55	A 114	0.492									
18178+4351	1	F N B	A 89655 B 89655 C 89655	9.553 0.026 10.641 0.069 12.238 0.121							274.456 380 32 274.456 250 70 274.456 534 67	+43.842 246 59 +43.842 245 94 +43.841 774 80	7.94 7.94 7.94	-20.19 -10.32 -20.19 -10.32 -20.19 -10.32	2.44 1.47 1.24 1.47 1.20 10.25 7.10 1.24 1.47 1.20 25.10 22.66 1.24 1.47 1.20	A 270 A 167	0.34 1.75									
18181+4334	1	F C A	A 89682 B 89682	9.344 0.010 11.482 0.069	10.498 0.034	9.266 0.020					274.530 835 07 274.530 634 98	+43.569 682 34 +43.570 081 81	3.61 3.61	1.58 -2.98 1.58 -2.98	1.54 1.43 1.55 1.78 1.57 14.07 16.14 1.55 1.78 1.57	A 340	1.53									
18181-0120	1	F C A	A 89680 B 89680	7.778 0.149 9.335 0.626							274.522 961 28 274.522 954 75	-1.330 159 13 -1.330 122 63	4.72 4.72	1.86 1.56 1.86 1.56	5.58 9.34 0.89 0.80 0.56 33.09 39.33 0.89 0.80 0.56	A 350	0.13									
18182+4509	1	F C A	A 89689 B 89689	8.378 0.151 8.998 0.266							274.550 390 53 274.550 411 99	+45.156 679 35 +45.156 709 42	3.31 3.31	4.22 13.42 4.22 13.42	6.21 8.67 0.62 0.65 0.62 11.32 11.85 0.62 0.65 0.62	A 27	0.12									
18183-5953	1	I C A	A 89697 B 89697	9.699 0.011 12.441 0.130	10.091 0.028 11.927 0.199	9.625 0.029 11.341 0.191					274.585 389 64 274.589 994 52	-59.888 816 95 -59.886 614 72	4.30 6.55	5.92 -47.76 46.17 -44.00	2.95 2.36 2.61 3.28 2.26 51.63 44.36 18.63 44.14 31.31	A 46.4	11.49	+0.1	+0.03							
18185-3503	1	F C A	A 89710 B 89710	8.900 0.006 10.082 0.017	9.353 0.021 10.833 0.104	8.824 0.020 10.159 0.091					274.634 457 92 274.632 519 77	-35.050 123 43 -35.050 644 91	13.41 13.41	6.85 -51.46 6.85 -51.46	1.94 1.38 2.00 2.51 1.47 8.47 5.14 2.00 2.51 1.47	A 251.8	6.01									
18189-1349	1	F N D	A 89750 B 89750	9.024 0.008 12.898 0.273	9.303 0.021	8.928 0.022					274.734 122 41 274.734 038 45	-13.808 632 90 -13.808 069 58	5.02 5.02	-2.77 0.53 -2.77 0.53	2.32 1.63 2.75 2.47 1.57 106.65 57.86 2.75 2.47 1.57	A 352	2.05									
18189-2304	1	F C A	A 89741 B 89741	8.886 0.006 11.491 0.064	10.468 0.078	8.892 0.036					274.716 016 67 274.718 166 07	-23.066 323 27 -23.065 148 28	3.58 3.58	0.22 -10.64 0.22 -10.64	1.79 1.16 1.74 1.85 1.19 22.12 12.90 1.74 1.85 1.19	A 59.3	8.28									
18189-7305	1	F C A	A 89746 B 89746	10.044 0.007 10.074 0.007							274.727 992 96 274.727 414 21	-73.071 242 68 -73.071 409 56	7.77 7.77	-26.72 33.64 -26.72 33.64	3.00 3.34 3.90 3.20 3.41 4.80 5.85 3.90 3.20 3.41	B 225.3	0.85									
18190-4759	1	F C A	A 89752 S 89752	9.712 0.190 10.076 0.266							274.742 297 93 274.742 310 89	-47.989 311 17 -47.989 269 22	15.99 15.99	30.69 7.73 30.69 7.73	7.38 14.47 1.32 1.27 0.78 9.98 17.50 1.32 1.27 0.78	A 12	0.15									



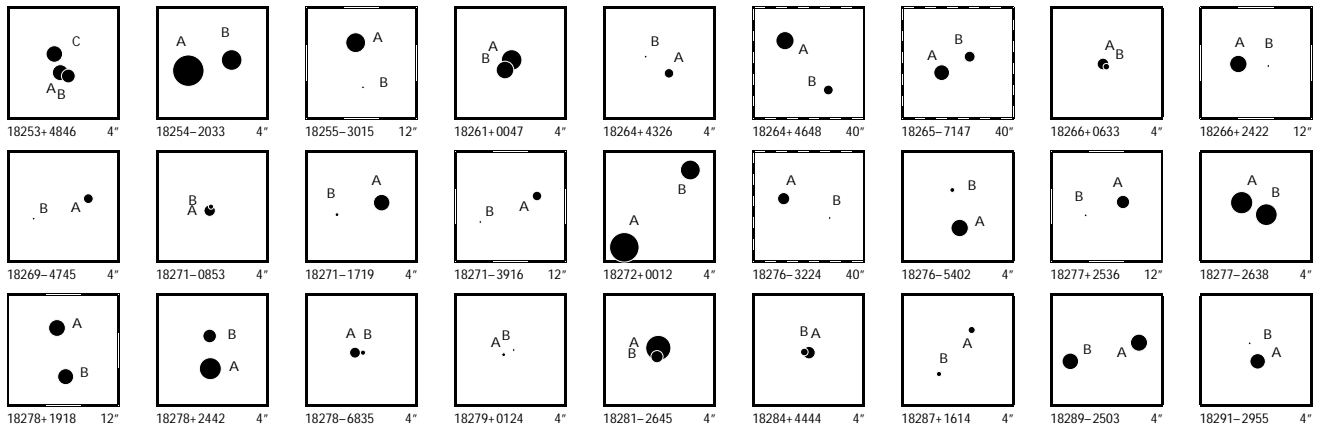
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18191-3509	1	F CA	A 89766 B 89766	9.167 0.123 9.725 0.206					274.773 274 16 274.773 197 31	-35.156 835 08 -35.156 829 15	30.65 30.65	-59.07 -21.42 -59.07 -21.42	14.45 3.34 1.60 2.03 1.25 20.46 6.99 1.60 2.03 1.25	A 275 0.23											
18197+1016	1	L CA	A 89806 B 89806	8.732 0.010 9.767 0.025					274.917 424 74 +10.272 004 99 274.917 531 42 +10.271 981 07		17.06 17.06	-110.09 -211.79 -92.31 -195.10	2.45 1.86 1.89 1.87 1.62 6.95 5.83 1.89 3.95 3.93	A 103 0.388 -3 +0.014											
18197+1403	1	F CA	A 89809 B 89809	9.419 0.006 11.297 0.032	9.574 0.018 11.421 0.127	9.382 0.021 10.983 0.141			274.925 651 42 +14.051 348 04 274.925 684 51 +14.052 334 68		3.87 3.87	2.65 -0.25 2.65 -0.25	1.26 1.21 1.91 1.82 1.58 6.84 7.03 1.91 1.82 1.58	A 1.9 3.55											
18197+4453	1	I CA	A 89810 B 89812	8.839 0.004 11.564 0.041	9.255 0.013 11.879 0.137	8.772 0.012 11.293 0.125			274.925 898 71 +44.888 107 86 274.927 379 03 +44.890 669 97		8.47 11.06	13.31 -31.14 21.59 -27.51	1.66 1.36 1.35 1.62 1.61 18.44 14.77 12.23 14.44 14.26	A 22.3 9.97 0.0 +0.01											
18197-4628	1	F CA	A 89813 B 89813	8.881 0.006 10.779 0.033					274.926 862 41 -46.473 562 50 274.926 469 44 -46.473 529 70		3.52 3.52	15.48 -3.75 15.48 -3.75	1.63 1.06 1.85 1.76 1.07 10.55 7.32 1.85 1.76 1.07	A 290.8 1.04											
18198-0458	1	F CA	A 89816 B 89816	7.971 0.013 9.502 0.031	8.385 0.014 7.845 0.012				274.950 439 00 -4.961 703 84 274.950 031 11 -4.962 492 91		16.40 16.40	108.29 19.92 108.29 19.92	1.86 1.37 1.83 1.87 1.36 9.93 6.70 1.83 1.87 1.36	A 207.2 3.20											
18200-4354	1	F CA	A 89838 B 89838	10.131 0.048 10.901 0.098					275.003 874 37 -43.906 039 19 275.003 889 40 -43.905 974 93		5.76 5.76	-25.99 -15.83 -25.99 -15.83	3.26 5.68 1.99 2.40 1.48 8.35 11.10 1.99 2.40 1.48	A 10 0.23											
18201+2532	1	F CA	A 89847 B 89847	9.376 0.007 9.994 0.013	9.462 0.015 10.143 0.032	9.218 0.017 9.863 0.038			275.028 499 00 +25.531 365 51 275.028 330 99 +25.532 352 06		5.43 5.43	4.31 6.68 4.31 6.68	1.53 1.87 2.25 1.67 2.07 3.66 5.25 2.25 1.67 2.07	A 351.3 3.59											
18201-0759	1	F CA	A 89846 B 89846	6.723 0.003 9.445 0.031	7.019 0.008 6.614 0.008				275.021 402 10 -7.981 304 46 275.020 955 36 -7.981 529 56		14.40 14.40	31.18 -10.16 31.18 -10.16	0.99 0.76 0.97 0.91 0.72 12.04 10.61 0.97 0.91 0.72	A 243.0 1.79											
18203+2104	1	F CC	A 89862 B 89862	7.799 0.008 11.359 0.209					275.075 774 70 +21.073 611 00 275.075 765 20 +21.073 503 45		2.84 2.84	-0.99 -8.24 -0.99 -8.24	1.37 1.91 1.38 0.95 1.01 38.69 38.60 1.38 0.95 1.01	A 185 0.39											
18203-4653	1	F CA	A 89863 B 89863	10.864 0.016 11.349 0.024	11.266 0.063 10.569 0.055				275.075 929 09 -46.885 692 16 275.076 637 72 -46.885 753 44		2.34 2.34	-7.77 -20.27 -7.77 -20.27	4.07 2.85 4.57 4.47 2.99 10.64 7.38 4.57 4.47 2.99	A 97.2 1.76											
18204-1011	1	F CA P	A 89874 B 89874	11.220 0.030 11.878 0.051					275.094 764 98 -10.187 036 09 275.094 839 95 -10.186 734 37		9.42 9.42	9.44 -32.59 9.44 -32.59	13.13 11.17 6.17 8.36 5.93 14.94 10.80 6.17 8.36 5.93	A 14 1.12											
18204-8014	1	F CB	A 89873 B 89873	7.563 0.005 11.153 0.140	8.740 0.009 7.498 0.006				275.092 235 16 -80.239 247 20 275.094 181 69 -80.238 508 46		4.30 4.30	1.16 -20.21 1.16 -20.21	0.80 0.91 1.01 0.82 0.97 31.44 33.69 1.01 0.82 0.97	A 24 2.91											
18205+2055	1	F CA	A 89885 B 89885	9.304 0.031 9.692 0.044					275.115 898 72 +20.918 897 19 275.115 829 61 +20.918 902 49		2.93 2.93	-1.77 -9.39 -1.77 -9.39	3.91 2.71 1.34 0.89 0.86 5.06 4.64 1.34 0.89 0.86	A 275 0.233											
18205-5344	1	F CA	A 89884 B 89884	9.049 0.135 9.593 0.223					275.115 771 70 -53.730 277 48 275.115 861 58 -53.730 284 76		5.17 5.17	2.62 -6.85 2.62 -6.85	13.64 4.27 1.33 1.33 0.92 18.15 6.90 1.33 1.33 0.92	A 98 0.19											
18206+2248	1	F CA	A 89898 B 89898	6.834 0.003 10.256 0.077	6.754 0.003 10.245 0.049	6.828 0.004 9.984 0.057			275.161 115 66 +22.797 432 01 275.159 835 38 +22.796 668 04		3.38 3.38	-1.02 -6.28 -1.02 -6.28	0.59 0.67 0.92 0.63 0.71 22.07 19.35 0.92 0.63 0.71	A 237.1 5.06											
18207-5203	1	F CB	A 89903 B 89903	12.052 0.047 12.630 0.079					275.176 700 42 -52.053 267 56 275.182 737 71 -52.052 594 56		-2.27 -2.27	-26.01 -25.95 -26.01 -25.95	9.93 7.04 10.45 13.09 8.70 46.22 39.87 10.45 13.09 8.70	A 79.7 13.58											
18208+7120	1	L CA P	A 89908 B 89908	4.455 0.003 5.900 0.010					275.189 338 31 +71.337 727 34 275.189 007 94 +71.337 735 08		11.28 11.28	-5.91 35.79 -13.09 33.76	0.72 0.59 0.48 0.54 0.57 2.20 2.32 0.48 1.24 1.67	A 274.2 0.382 -0.4 +0.007											
18212+2820	1	F CA	A 89947 B 89947	9.279 0.007 10.033 0.014	9.142 0.017 9.904 0.041	8.999 0.018 9.574 0.045			275.287 892 77 +28.334 227 59 275.287 716 73 +28.334 656 62		1.58 1.58	-2.91 -3.28 -2.91 -3.28	1.46 2.11 2.13 1.69 2.62 4.55 5.34 2.13 1.69 2.62	A 340.1 1.64											
18214+1810	1	F CA	A 89972 B 89972	10.668 0.042 11.824 0.121					275.358 806 55 +18.173 789 44 275.358 748 08 +18.173 850 99		0.00 0.00	-0.68 -2.97 -0.68 -2.97	5.53 6.08 2.36 1.98 2.14 18.77 20.17 2.36 1.98 2.14	A 318 0.30											
18215+1318	1	F ND	A 89976 B 89976	8.720 0.007 12.176 0.173	9.029 0.015 8.639 0.015				275.365 676 86 +13.306 191 51 275.365 835 12 +13.306 579 47		2.10 2.10	-4.32 -24.58 -4.32 -24.58	1.39 1.12 1.71 1.70 1.41 39.41 35.43 1.71 1.70 1.41	A 22 1.50											
18216+6855	1	F CA	A 89989 B 89989	9.521 0.007 10.774 0.021					275.409 728 44 +68.914 821 40 275.409 056 40 +68.914 986 20		3.76 3.76	-7.21 17.66 -7.21 17.66	1.41 1.33 1.40 1.53 1.57 5.72 5.88 1.40 1.53 1.57	A 304.3 1.05											
18217+0902	1	F CC	A 89990 B 89990	9.581 0.025 12.688 0.427					275.416 833 51 +9.030 274 44 275.416 769 03 +9.030 337 61		3.33 3.33	0.05 4.30 0.05 4.30	9.04 7.40 4.78 4.28 3.35 130.74 114.56 4.78 4.28 3.35	A 315 0.32											
18217+2356	1	F CA	A 89994 S 89994	9.631 0.051 9.893 0.065					275.436 501 23 +23.930 547 61 275.436 445 99 +23.930 532 36		2.16 2.16	8.72 6.30 8.72 6.30	4.63 4.67 1.27 0.76 0.94 5.95 6.25 1.27 0.76 0.94	A 253 0.190											
18218+2130	1	F CA	A 89999 B 89999	7.011 0.003 8.725 0.012					275.451 857 48 +21.507 788 69 275.451 781 30 +21.508 007 82		2.36 2.36	-1.68 -6.59 -1.68 -6.59	0.66 0.69 0.91 0.63 0.69 3.26 3.54 0.91 0.63 0.69	A 342.1 0.829											
18218-5526	1	F CC	A 89996 B 89996	9.696 0.619 10.477 1.271					275.442 237 91 -55.433 344 84 275.442 244 71 -55.433 375 73		3.13 3.13	0.40 -12.31 0.40 -12.31	8.37 19.58 1.45 1.41 1.02 22.58 91.50 1.45 1.41 1.02	A 173 0.11											
18220+1439	1	F CB	A 90015 B 90015	8.331 0.007 11.846 0.164					275.509 621 08 +14.657 748 93 275.509 513 59 +14.657 635 97		2.94 2.94	-1.26 -5.13 -1.26 -5.13	1.79 1.73 2.34 2.15 1.78 48.59 51.54 2.34 2.15 1.78	A 223 0.55											



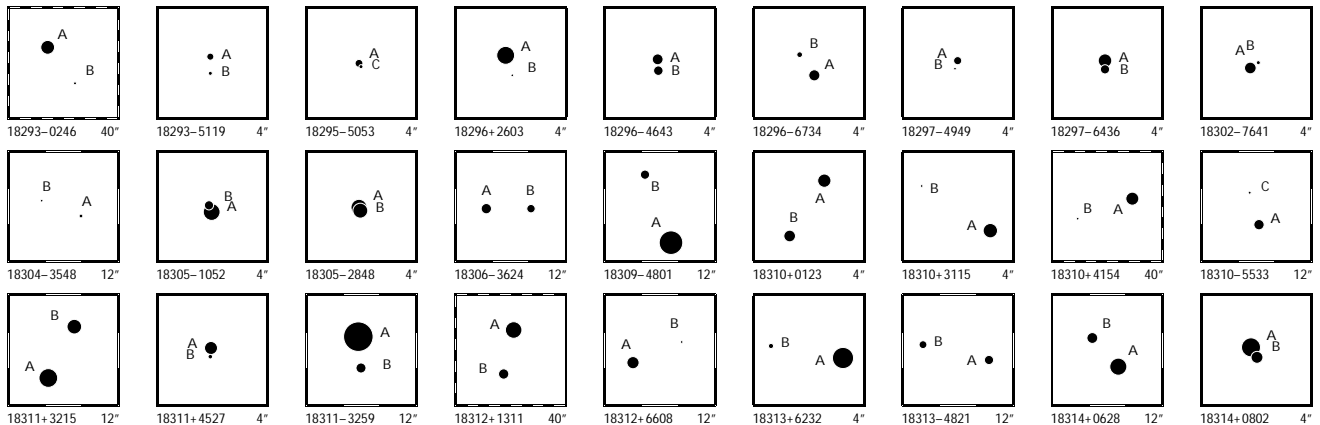
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18221+4821	1	FCA	A 90025 B 90025	8.495 0.005 11.403 0.062	8.978 0.012	8.421 0.011		275.537 388 89 275.537 203 74	+48.357 482 15 +48.356 873 00	4.02 4.02	-8.95 15.96 -8.95 15.96	0.92 0.77 0.92 0.91 0.97 14.79 15.34 0.92 0.91 0.97	A 191.4 2.24													
18222+1127	1	LCA	A 90033 B 90033	9.639 0.007 10.593 0.015	10.856 0.047 11.973 0.140	9.552 0.024 10.190 0.046		275.559 495 26 275.560 300 06	+11.433 536 97 +11.433 272 91	4.48 4.48	-3.15 -44.31 0.89 4.69	2.54 2.05 2.56 2.22 1.93 7.53 6.97 2.56 6.00 5.97	A 108.5 2.99 -0.9 -0.01													
18222-1505	1	LNB	G A 90032 B 90032 C 90032	7.967 0.014 8.609 0.024 8.948 0.032	10.273 0.066	8.036 0.021		275.557 864 53 275.555 922 39 275.556 184 01	-15.088 285 10 -15.090 360 38 -15.090 259 33	6.64 6.64 6.64	2.37 4.64 29.60 23.19 12.74 35.53	3.13 2.71 3.15 3.53 2.51 8.80 7.13 3.15 6.37 4.91 10.72 8.33 3.15 7.70 5.69	A 222.10 10.069 -0.04 -0.032 B 68.2 0.98 -1.0 -0.01													
18224+0957	1	FCA	A 90042 B 90042	9.379 0.008 9.735 0.010				275.600 931 24 275.601 013 07	+9.949 713 02 +9.949 468 38	7.28 7.28	4.28 -3.79 4.28 -3.79	2.48 2.10 2.93 3.02 2.52 4.19 3.82 2.93 3.02 2.52	A 161.8 0.927													
18230+3007	1	FCA	A 90080 B 90080	9.002 0.031 11.130 0.217				275.749 693 67 275.749 713 34	+30.121 826 57 +30.121 911 68	3.25 3.25	4.68 6.88 4.68 6.88	3.67 5.59 1.61 1.34 1.62 27.54 25.75 1.61 1.34 1.62	A 11 0.31													
18231-6235	1	FCA	A 90087 B 90087	9.279 0.009 9.537 0.012	9.615 0.025 9.810 0.029	9.147 0.025 9.338 0.030		275.763 129 42 275.765 897 89	+62.587 702 29 -62.586 797 03	3.34 3.34	7.14 -11.27 7.14 -11.27	2.68 2.60 3.06 2.41 2.26 4.98 4.75 3.06 2.41 2.26	A 54.62 5.63													
18232+5425	1	FCB	A 90095 B 90095	7.849 0.080 10.075 0.621				275.789 679 52 275.789 702 56	+54.423 582 23 +54.423 616 99	6.16 6.16	-4.81 27.71 -4.81 27.71	3.66 4.98 0.57 0.63 0.57 38.03 34.65 0.57 0.63 0.57	A 21 0.13													
18232-2825	1	FFD	W A 90100 B 90100	8.644 0.161 10.530 0.912				275.811 097 69 275.811 060 87	-28.412 084 21 -28.412 120 87	0.54 0.54	-0.03 -46.69 -0.03 -46.69	16.84 17.25 1.50 1.91 1.23 48.78 31.01 1.50 1.91 1.23	A 221 0.18													
18233-4247	1	FCA	A 90109 B 90109	8.711 0.007 9.033 0.010	9.094 0.024 9.309 0.039	8.625 0.024 8.942 0.043		275.829 331 16 275.830 155 54	-42.779 509 77 -42.780 121 41	10.15 10.15	-12.41 -82.37 -12.41 -82.37	3.46 2.34 2.60 3.94 2.33 5.28 3.56 2.60 3.94 2.33	A 135.3 3.097													
18234+2327	1	LCA	A 90120 B 90120	9.094 0.007 10.423 0.022	9.620 0.010 10.438 0.035	8.923 0.010 9.734 0.031		275.857 257 10 275.856 872 60	+23.455 233 39 +23.455 849 42	13.05 13.05	3.93 40.11 11.50 31.22	1.06 1.45 1.62 1.05 1.26 4.03 7.40 1.62 2.98 5.29	A 330.2 2.56 0.0 -0.01													
18236-2610	1	LCA	A 90128 S 90128	8.133 0.005 9.209 0.013				275.888 631 67 275.888 705 45	-26.171 477 53 -26.171 587 81	10.86 10.86	3.13 -32.03 8.40 -40.39	1.75 1.27 1.53 1.66 1.00 4.87 3.42 1.53 4.47 2.44	A 149 0.463 0 +0.010													
18238+5139	1	FCA	A 90141 B 90141	9.337 0.009 9.447 0.009	9.747 0.029 9.932 0.038	9.079 0.022 9.215 0.028		275.937 607 24 275.937 114 04	+51.648 819 60 +51.648 167 03	15.72 15.72	47.39 131.58 47.39 131.58	1.93 1.85 1.70 1.96 1.93 4.08 4.38 1.70 1.96 1.93	A 205.1 2.59													
18239-1930	1	FCA	A 90153 B 90153	10.825 0.014 10.924 0.015	11.726 0.202	10.341 0.103		275.963 303 52 275.962 973 54	-19.504 522 46 -19.504 606 60	13.08 13.08	-3.55 -37.37 -3.55 -37.37	8.34 5.74 8.67 8.69 6.26 12.27 8.53 8.67 8.69 6.26	A 254.9 1.16													
18240+5848	1	FCA	A 90156 B 90156	5.077 0.003 8.074 0.040	5.117 0.004	5.041 0.004		275.977 703 88 275.977 348 00	+58.800 585 20 +58.801 619 82	17.31 17.31	-37.64 62.08 -37.64 62.08	0.52 0.50 0.48 0.53 0.57 8.62 10.19 0.48 0.53 0.57	A 349.9 3.78													
18240-5108	1	FFD	D A 90171 B 90171	10.720 0.025 11.989 0.078	11.620 0.119	10.563 0.073		276.002 851 86 276.003 285 01	-51.130 002 24 -51.128 996 97	12.13 12.13	39.09 -154.49 39.09 -154.49	5.79 4.53 6.11 8.25 6.17 22.84 17.77 6.11 8.25 6.17	A 15.1 3.75													
18241+0130	1	FCA	A 90175 B 90175	8.659 0.011 10.688 0.060	8.976 0.016 11.185 0.100	8.609 0.017 10.611 0.097		276.016 404 35 276.013 746 74	+1.499 519 29 +1.497 213 34	9.22 9.22	-19.40 -20.39 -19.40 -20.39	1.77 1.54 2.02 1.79 1.55 15.00 13.40 2.02 1.79 1.55	A 229.0 12.66													
18242-5434	1	FCA	B 90189 A 90189	10.370 0.013 10.550 0.016	11.211 0.075 11.371 0.091	10.329 0.057 10.432 0.067		276.051 129 83 276.051 118 29	-54.558 881 57 -54.559 811 43	17.57 17.57	-130.78 48.91 -130.78 48.91	4.83 3.97 5.02 5.33 4.14 9.97 7.53 5.02 5.33 4.14	B 180.4 3.35													
18243+3609	1	FCA	A 90196 B 90196	9.672 0.007 12.753 0.106				276.066 824 53 276.066 795 46	+36.145 016 44 +36.145 253 47	1.77 1.77	-2.13 6.02 -2.13 6.02	1.28 1.29 1.44 1.46 1.71 31.29 27.53 1.44 1.46 1.71	A 354 0.86													
18245+2028	1	FND	D A 90222 B 90222	9.793 0.008 13.359 0.197	9.838 0.017	9.805 0.024		276.134 557 79 276.134 240 97	+20.459 279 78 +20.460 866 53	1.75 1.75	-3.86 -3.54 -3.86 -3.54	1.15 1.20 1.71 1.14 1.24 45.09 55.66 1.71 1.14 1.24	A 349.4 5.81													
18247-0636	1	FCA	A 90239 B 90239	7.547 0.005 9.096 0.019	8.099 0.011 9.614 0.036	7.481 0.011 8.913 0.032		276.179 275 37 276.178 812 83	-6.603 704 37 -6.605 282 39	14.18 14.18	-69.02 -38.38 -69.02 -38.38	1.32 1.07 1.40 1.23 0.96 6.31 4.86 1.40 1.23 0.96	A 196.2 5.92													
18248+0714	1	FCA	A 90242 B 90242	8.018 0.005 10.900 0.172	8.029 0.007 10.907 0.172	7.973 0.011 10.928 0.302		276.188 480 93 276.188 262 53	+7.231 251 56 +7.232 116 80	1.38 1.38	1.25 0.66 1.25 0.66	1.23 0.95 1.47 1.39 1.19 22.55 16.11 1.47 1.39 1.19	A 345.9 3.21													
18248-3642	1	FCA	A 90245 B 90245	8.703 0.007 10.542 0.037	9.278 0.020	8.626 0.018		276.201 632 20 276.200 936 48	-36.706 384 38 -36.706 938 36	10.70 10.70	24.98 -69.14 24.98 -69.14	1.71 1.18 1.62 1.97 1.18 10.40 6.70 1.62 1.97 1.18	A 225.2 2.83													
18250+2724	1	LCA	A 90256 B 90256	6.648 0.002 7.674 0.006				276.243 584 91 276.243 748 51	+27.394 818 34 +27.394 709 91	8.41 8.41	1.65 -14.35 4.39 -10.00	0.66 0.71 0.81 0.70 0.74 1.92 2.02 0.81 1.20 1.78	A 126.7 0.653 -0.5 0.000													
18250-0135	1	LCA	A 90253 B 90253	6.812 0.004 7.222 0.005				276.238 354 84 276.238 337 84	-1.579 403 17 -1.579 160 34	7.54 7.54	6.05 -4.10 7.00 3.85	1.90 1.43 1.72 1.61 1.31 2.67 2.26 1.72 1.87 1.59	A 356.0 0.876 +0.1 +0.008													
18253+2605	1	FND	D A 90288 E 90288	7.894 0.006 11.221 0.133	8.939 0.011	7.808 0.007		276.335 972 72 276.336 346 62	+26.084 116 71 +26.084 134 10	3.01 3.01	-2.88 -16.25 -2.88 -16.25	0.95 0.91 1.18 0.96 1.08 28.50 25.22 1.18 0.96 1.08	A 87 1.21													
18253+2805	1	FFD	D A 90287 C 90287	8.689 0.013 11.300 0.142				276.334 894 62 276.334 786 64	+28.083 058 36 +28.082 877 80	3.21 3.21	-2.76 2.37 -2.76 2.37	1.69 2.02 2.36 1.86 2.22 30.55 32.91 2.36 1.86 2.22	A 208 0.73													
18253+4653	1	FCA	A 90283 B 90283	8.015 0.004 9.771 0.022	7.899 0.009	7.875 0.013		276.322 897 75 276.323 262 91	+46.885 402 32 +46.885 217 18	3.98 3.98	-8.66 -0.79 -8.66 -0.79	0.91 0.86 0.92 1.09 1.12 5.91 5.54 0.92 1.09 1.12	A 126.6 1.12													



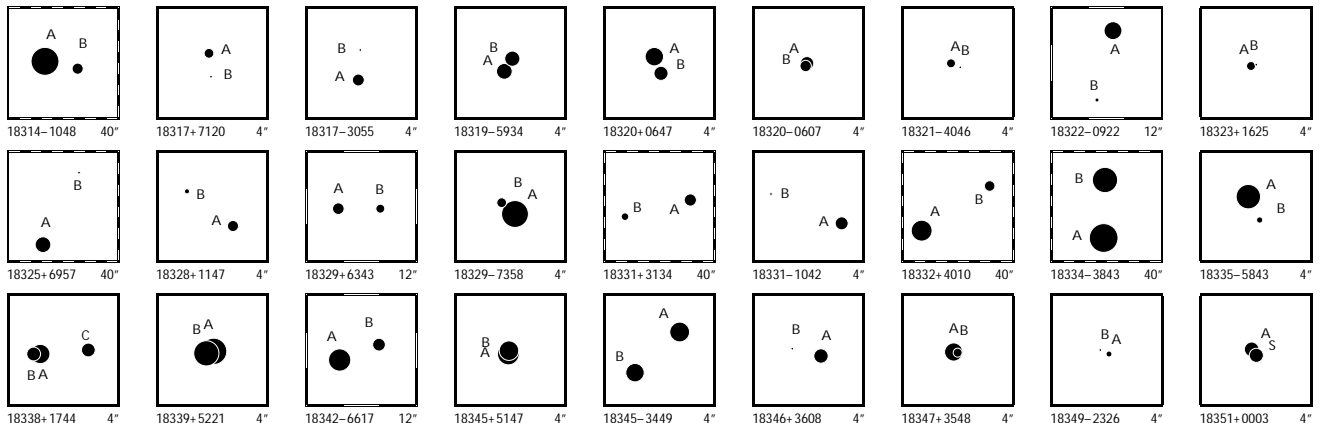
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18253+4846	1	F CA	G	C 90284 A 90284 B 90284	8.367 0.005 8.436 0.031 8.937 0.044						276.325 845 43 +48.761 809 81 276.325 743 58 +48.761 621 64 276.325 625 50 +48.761 585 39	5.39 5.39 5.39	19.17 3.15 19.17 3.15 19.17 3.15	4.14 4.12 3.43 3.87 4.09 6.56 12.07 3.43 3.87 4.09 7.57 7.78 3.43 3.87 4.09	C 200 0.72 C 212.9 0.96										
18254-2033	1	F CA	A	90289 90289	5.047 0.004 7.468 0.033	6.609 0.029	5.012 0.007				276.337 648 09 -20.541 609 18 276.337 169 58 -20.541 499 15	5.46 5.46	8.26 -28.72 8.26 -28.72	1.29 0.95 1.20 1.88 1.20 15.59 10.75 1.20 1.88 1.20	A 283.8 1.66										
18255-3015	1	F ND	D	90300 90300	7.633 0.008 11.600 0.302	8.656 0.013	7.643 0.009				276.375 272 57 -30.253 426 07 276.374 987 07 -30.254 790 63	3.99 3.99	0.44 -4.87 0.44 -4.87	1.57 1.16 1.60 2.07 1.21 75.64 45.71 1.60 2.07 1.21	A 190 4.99										
18261+0047	1	F CA	A	90347 90347	7.412 0.005 8.070 0.009						276.514 003 98 +0.780 480 52 276.514 067 26 +0.780 378 63	7.41 7.41	17.38 5.87 17.38 5.87	1.42 1.23 1.18 1.26 1.19 3.55 2.89 1.18 1.26 1.19	A 148 0.432										
18264+4326	1	F ND	D	90372 90372	9.892 0.009 13.137 0.176	10.369 0.030	9.862 0.030				276.607 944 14 -43.433 746 54 276.608 266 56 +43.433 911 81	4.85 4.85	23.93 25.11 23.93 25.11	1.29 1.27 1.47 1.24 1.79 46.39 44.25 1.47 1.24 1.79	A 55 1.03										
18264+4648	1	I NC	A	90370 90368	7.966 0.022 9.840 0.095	8.323 0.011	7.884 0.011				276.601 820 26 +46.808 913 56 276.595 342 49 +46.803 831 84	10.01 12.27	-27.31 11.54 -33.20 1.69	1.73 1.60 1.47 1.83 2.07 22.29 20.83 12.38 15.08 18.81	A 221.11 24.28 0.00 +0.01										
18265-7147	1	I CA	A	90380 90378	8.549 0.006 9.591 0.013	9.518 0.014	8.452 0.009				276.630 665 42 -71.786 057 68 276.621 611 37 -71.784 411 42	5.16 5.10	11.26 0.79 6.95 -4.42	1.38 1.86 1.99 1.34 1.74 4.82 7.38 3.72 4.03 5.88	A 300.18 11.787 -0.03 +0.001										
18266+0633	1	F CB	A	90392 90392	9.407 0.225 10.531 0.634						276.658 134 06 +6.541 313 06 276.658 098 04 +6.541 287 12	2.16 2.16	1.26 -0.41 1.26 -0.41	14.80 9.24 1.38 1.26 1.07 42.53 31.99 1.38 1.26 1.07	A 234 0.16										
18266+2422	1	F CC	A	90385 90385	8.148 0.005 12.202 0.196	9.973 0.019	8.170 0.008				276.644 588 02 +24.370 160 85 276.643 574 27 +24.370 128 15	1.31 1.31	-1.09 -1.79 -1.09 -1.79	0.74 0.99 1.31 0.83 1.09 34.15 53.23 1.31 0.83 1.09	A 268 3.33										
18269-4745	1	F CA	A	90412 90412	9.820 0.007 11.844 0.046	10.698 0.044	9.745 0.031				276.719 889 60 -47.752 127 09 276.720 719 29 -47.752 333 70	10.32 10.32	-148.87 -75.75 -148.87 -75.75	1.94 1.29 2.20 2.00 1.32 13.30 9.76 2.20 2.00 1.32	A 110.3 2.14										
18271-0853	1	F CC	A	90436 90436	9.506 0.205 10.875 0.722						276.786 318 95 -8.878 600 17 276.786 313 34 -8.878 558 95	3.43 3.43	-1.49 -22.51 -1.49 -22.51	5.54 13.51 1.30 1.16 0.96 19.47 52.47 1.30 1.16 0.96	A 352 0.15										
18271-1719	1	F CA	A	90432 90432	8.335 0.011 11.160 0.145	10.352 0.038	8.361 0.014				276.773 287 28 -17.324 503 81 276.773 770 63 -17.324 631 29	0.23 0.23	-0.62 -5.96 -0.62 -5.96	2.56 1.79 2.61 2.80 1.92 48.70 32.98 2.61 2.80 1.92	A 105 1.72										
18271-3916	1	F CA	A	90435 90435	9.909 0.010 12.751 0.126	10.476 0.039	9.731 0.033				276.783 853 92 -39.258 551 24 276.786 085 27 -39.259 344 64	5.23 5.23	-5.46 -20.46 -5.46 -20.46	2.19 1.47 2.52 3.06 1.88 42.39 27.81 2.52 3.06 1.88	A 114.7 6.84										
18272+0012	1	F CA	D	90441 90441	5.442 0.003 7.617 0.021	5.943 0.017	5.382 0.012				276.802 124 84 +0.196 129 82 276.801 443 80 +0.196 925 26	6.81 6.81	-2.64 -8.79 -2.64 -8.79	1.03 0.81 1.05 1.01 0.84 13.69 8.98 1.05 1.01 0.84	A 319.4 3.77										
18276-3224	1	F ND	D	90465 90465	9.285 0.026 12.020 0.276	10.437 0.054	9.260 0.033				276.898 736 46 -32.393 434 66 276.893 155 34 -32.395 440 02	-1.15 -1.15	1.18 -7.29 1.18 -7.29	2.47 2.04 2.90 3.45 2.00 93.56 64.30 2.90 3.45 2.00	A 246.9 18.44										
18276-5402	1	F CB	A	90470 90470	8.170 0.006 10.911 0.078	9.462 0.021	8.093 0.012				276.909 757 06 -54.033 763 21 276.909 887 26 -54.033 378 33	1.25 1.25	4.14 -61.91 4.14 -61.91	2.23 1.68 2.39 2.37 1.64 35.24 40.20 2.39 2.37 1.64	A 11 1.41										
18277+2536	1	F ND	D	90480 90480	9.030 0.007 13.355 0.337	9.229 0.012	8.986 0.014				276.937 071 78 -25.593 875 87 276.938 363 64 +25.593 461 70	5.47 5.47	-9.70 -1.71 -9.70 -1.71	1.01 1.22 1.68 1.19 1.45 76.48 103.34 1.68 1.19 1.45	A 110 4.45										
18277-2638	1	L CA	A	90478 90478	7.059 0.005 7.204 0.006						276.932 336 01 -26.634 755 16 276.932 052 85 -26.634 876 49	12.95 12.95	-9.10 -36.94 4.07 -36.03	1.78 1.20 1.66 1.76 1.14 3.59 1.97 1.66 2.76 1.39	A 244.4 1.010 -0.3 -0.012										
18278+1918	1	F CA	A	90479 90479	8.299 0.007 8.485 0.008	8.771 0.016	8.172 0.015				276.933 069 51 +19.295 493 11 276.932 800 80 +19.294 022 29	6.78 6.78	23.90 21.59 23.90 21.59	1.64 1.55 2.02 1.67 2.06 3.18 3.04 2.02 1.67 2.06	A 189.78 5.373										
18278+2442	1	F CA	P	90483 90483	7.128 0.006 8.986 0.027	7.014 0.008	7.001 0.009				276.941 205 66 +24.697 377 86 276.941 210 36 +24.697 710 22	4.14 4.14	6.03 13.28 6.03 13.28	0.72 0.86 1.16 0.77 0.95 3.93 6.96 1.16 0.77 0.95	A 0.7 1.20										
18278-6835	1	F CA	A	90481 90481	9.618 0.048 10.856 0.150						276.938 729 27 -68.580 655 21 276.938 518 73 -68.580 655 22	2.24 2.24	10.85 0.51 10.85 0.51	7.98 4.14 1.86 1.24 1.43 17.69 13.38 1.86 1.24 1.43	A 270 0.28										
18279+0124	1	F CB	A	90490 90490	11.142 0.063 12.191 0.164						276.969 742 47 +1.397 468 46 276.969 647 15 +1.397 524 51	14.23 14.23	-63.94 -60.19 -63.94 -60.19	11.30 8.67 7.32 7.81 6.45 41.40 32.47 7.32 7.81 6.45	A 300 0.40										
18281-2645	1	F CA	A	90510 90510	6.403 0.004 9.314 0.051						277.025 716 06 -26.757 158 14 277.025 729 72 -26.757 249 00	12.10 12.10	-8.64 -35.91 -8.64 -35.91	1.12 0.88 1.01 1.17 0.71 14.63 8.80 1.01 1.17 0.71	A 172 0.33										
18284+4444	1	F CA	A	90540 90540	9.236 0.126 10.333 0.346						277.107 690 19 +44.739 500 17 277.107 746 28 +44.739 508 34	5.06 5.06	-13.32 11.33 -13.32 11.33	8.77 3.08 0.77 0.72 0.82 22.64 10.71 0.77 0.72 0.82	A 78 0.15										
18287+1614	1	F CA	A	90554 90554	10.423 0.009 10.850 0.013	10.290 0.036	9.808 0.035				277.165 769 20 +16.228 655 57 277.166 117 68 +16.228 202 44	6.59 6.59	-27.70 -21.50 -27.70 -21.50	2.87 2.70 3.92 3.64 3.44 5.82 5.39 3.92 3.64 3.44	A 143.6 2.028										
18289-2503	1	F CA	A	90574 90574	8.233 0.007 8.338 0.007	9.213 0.183	8.479 0.172				277.236 381 02 -25.042 839 82 277.237 157 74 -25.043 032 41	17.62 17.62	39.03 -29.44 39.03 -29.44	2.29 1.50 2.11 2.33 1.51 4.42 2.09 2.11 2.33 1.51	A 105.3 2.626										
18291-2955	1	F CB	A	90588 90588	8.569 0.011 11.858 0.224						277.271 028 54 -29.914 513 59 277.271 114 85 -29.914 330 35	12.69 12.69	-18.26 -28.89 -18.26 -28.89	2.26 1.67 2.32 3.16 1.83 56.10 32.49 2.32 3.16 1.83	A 22 0.71										



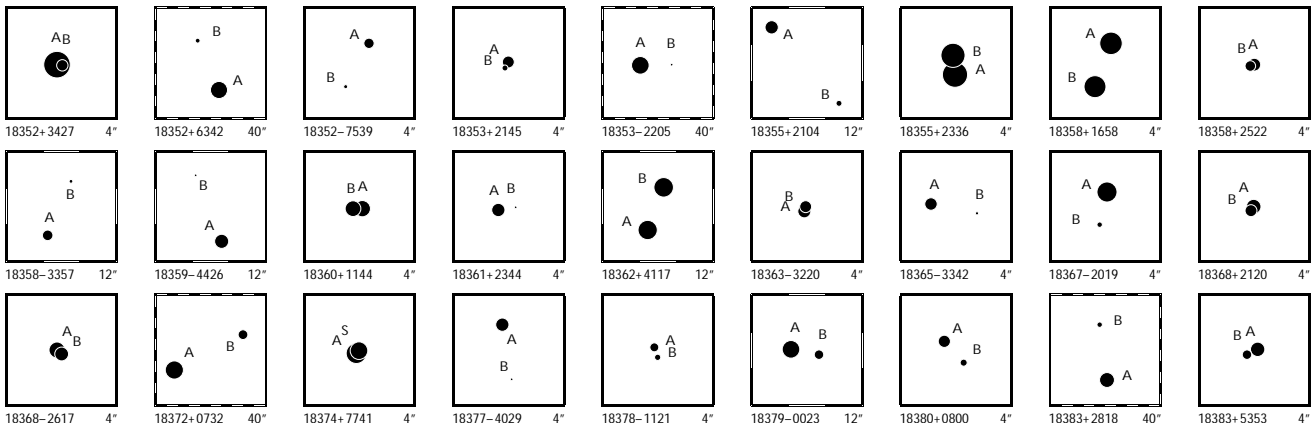
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18293-0246	1	I C B	A 90602 B 90601	8.965 0.016 11.362 0.127	9.479 0.022 11.478 0.144	8.868 0.021 10.813 0.127		277.314 012 11 277.311 150 64	-2.772 537 35 -2.776 268 84	5.49 29.24	-17.78 -16.81	-3.10 -2.20	3.06 2.35 2.44 2.89 2.45 55.62 44.73 20.35 23.78 20.25	A 217.5	16.92	0.0	0.00									
18293-5119	1	F C A	A 90608 B 90608	10.436 0.008 11.077 0.014				277.337 328 61 277.337 321 08	-51.312 573 55 -51.312 747 55	3.97 3.97	14.63 14.63	-28.46 -28.46	3.47 3.04 4.32 3.70 2.94 7.34 5.70 4.32 3.70 2.94	A 182	0.627											
18295-5053	1	F C A	A 90628 C 90628	10.233 0.167 11.120 0.377				277.387 300 63 277.387 280 34	-50.877 921 72 -50.877 964 45	5.78 5.78	6.30 6.30	-69.80 -69.80	5.58 11.31 1.57 1.62 1.02 14.19 29.29 1.57 1.62 1.02	A 197	0.16											
18296+2603	1	F C C	A 90635 B 90635	8.036 0.004 12.237 0.201				277.397 778 49 277.397 702 03	+26.055 674 65 +26.055 476 69	6.90 6.90	5.60 5.60	8.18 8.18	0.75 0.80 1.13 0.89 0.95 40.54 44.29 1.13 0.89 0.95	A 199	0.75											
18296-4643	1	F C A	A 90640 B 90640	9.621 0.012 9.884 0.015				277.410 244 48 277.410 237 26	-46.717 592 95 -46.717 718 71	6.41 6.41	19.76 19.76	-18.89 -18.89	2.82 2.52 2.82 3.60 2.58 4.71 3.76 2.82 3.60 2.58	A 182	0.453											
18296-6734	1	F C A	A 90629 B 90629	9.558 0.009 10.746 0.024				277.389 630 00 277.390 021 80	-67.564 553 49 -67.564 341 00	3.39 3.39	-5.23 -5.23	-24.15 -24.15	1.50 2.08 2.28 1.59 2.15 5.68 7.76 2.28 1.59 2.15	A 35.1	0.94											
18297-4949	1	F C A	A 90641 B 90641	10.194 0.033 12.205 0.209				277.420 584 19 277.420 628 10	-49.822 035 23 -49.822 120 58	0.24 0.24	2.97 2.97	4.32 4.32	3.42 5.32 2.65 3.03 2.04 24.25 25.06 2.65 3.03 2.04	A 162	0.32											
18297-6436	1	F C A	A 90643 B 90643	8.970 0.022 9.934 0.054				277.427 827 00 277.427 824 19	-64.593 117 34 -64.593 205 34	6.53 6.53	6.98 6.98	-64.63 -64.63	1.34 3.37 1.38 1.08 1.07 4.03 6.25 1.38 1.08 1.07	A 181	0.317											
18302-7641	1	F C A	A 90686 B 90686	9.390 0.019 11.074 0.090				277.548 017 79 277.547 649 56	-76.679 407 34 -76.679 355 56	6.70 6.70	-5.00 -5.00	30.72 30.72	3.57 2.84 2.31 2.25 2.21 10.36 10.94 2.31 2.25 2.21	A 301	0.36											
18304-3548	1	F C B	A 90706 B 90706	11.131 0.020 13.107 0.118				277.602 348 08 277.603 849 52	-35.804 727 75 -35.804 255 81	27.82 27.82	212.47 212.47	-316.71 -316.71	3.90 2.38 4.32 4.77 3.06 43.93 22.11 4.32 4.77 3.06	A 68.8	4.70											
18305-1052	1	F C A	A 90717 B 90717	8.265 0.024 9.938 0.112				277.634 398 95 277.634 420 31	-10.864 017 00 -10.863 942 51	8.24 8.24	-4.05 -4.05	15.80 15.80	2.57 4.87 1.32 1.17 0.96 11.38 15.75 1.32 1.17 0.96	A 16	0.28											
18305-2848	1	F C A	A 90715 B 90715	8.473 0.136 8.706 0.169				277.629 237 88 277.629 224 71	-28.795 235 81 -28.795 272 45	6.84 6.84	-7.92 -7.92	-16.24 -16.24	5.01 9.14 1.07 1.11 0.63 7.41 9.67 1.07 1.11 0.63	A 197	0.14											
18306-3624	1	F N C	A 90724 B 90724	9.723 0.024 10.138 0.034	10.189 0.036	9.606 0.035		277.648 793 18 277.647 088 76	-36.406 617 06 -36.406 608 53	34.32 34.32	42.79 42.79	-2.40 -2.40	6.74 6.17 4.97 10.14 7.72 13.50 8.39 4.97 10.14 7.72	A 270.4	4.94											
18309-4801	1	F C A	A 90743 B 90743	6.768 0.003 9.976 0.054	7.238 0.006 10.635 0.062	6.706 0.006 9.744 0.044		277.734 565 23 277.735 773 01	-48.014 761 79 -48.012 672 93	14.82 14.82	-54.89 -54.89	-20.63 -20.63	0.87 0.67 0.97 1.13 0.84 17.74 11.50 0.97 1.13 0.84	A 21.1	8.06											
18310+0123	1	F C A	A 90748 B 90748	9.086 0.009 9.446 0.013	9.344 0.024 9.693 0.025	8.969 0.031 9.176 0.033		277.743 542 05 277.743 894 93	+1.391 885 48 +1.391 317 29	1.16 1.16	4.23 4.23	-5.61 -5.61	4.13 3.19 3.36 3.74 3.35 8.51 6.61 3.36 3.74 3.35	A 148.2	2.41											
18310+3115	1	F C A	A 90746 B 90746	8.806 0.007 11.830 0.106	9.830 0.018	8.761 0.013		277.740 636 17 277.741 458 71	+31.245 560 25 +31.246 023 02	1.12 1.12	7.49 7.49	-7.33 -7.33	1.07 1.07 1.36 1.11 1.21 22.31 21.61 1.36 1.11 1.21	A 56.7	3.03											
18310+4154	1	F F D	A 90744 B 90750	9.106 0.075 11.701 0.654	10.418 0.028	9.067 0.016		277.738 447 36 277.746 005 50	+41.896 451 90 +41.894 395 23	4.42 4.42	15.07 15.07	-13.64 -13.64	2.46 3.08 2.43 2.51 4.28 193.26 210.73 2.43 2.51 4.28	A 110	21.56											
18310-5533	1	F C A	A 90753 C 90753	9.716 0.018 11.365 0.080	10.507 0.040	9.633 0.030		277.748 119 01 277.748 640 23	-55.548 588 27 -55.547 609 41	16.34 16.34	10.95 10.95	8.67 8.67	2.70 2.23 3.18 2.77 2.04 15.88 16.60 3.18 2.77 2.04	A 16.8	3.68											
18311+3215	1	F C A	A 90766 B 90766	7.859 0.005 8.732 0.010	7.780 0.008 8.625 0.013	7.815 0.010 8.633 0.016		277.778 918 63 277.777 958 38	+32.245 385 78 +32.246 984 83	2.09 2.09	-0.75 -0.75	-1.91 -1.91	1.03 0.87 1.18 1.03 1.01 3.30 3.18 1.18 1.03 1.01	A 333.07	6.456											
18311+4527	1	F C A	A 90767 B 90767	9.140 0.020 10.971 0.110				277.782 982 58 277.782 998 98	+45.456 470 24 +45.456 381 58	2.44 2.44	37.64 37.64	3.59 3.59	2.19 3.81 1.09 1.08 1.28 13.75 13.00 1.09 1.08 1.28	A 173	0.32											
18311-3259	1	F C C	A 90763 B 90763	5.453 0.006 9.778 0.315	5.618 0.003	5.410 0.003		277.770 188 39 277.770 089 91	-32.989 001 40 -32.989 967 25	9.32 9.32	-1.48 -1.48	-46.53 -46.53	1.24 0.92 1.38 1.33 0.81 46.14 29.47 1.38 1.33 0.81	A 185	3.49											
18312+1311	1	I C A	A 90777 B 90778	8.337 0.014 9.737 0.039	9.443 0.017 10.072 0.030	8.250 0.011 9.704 0.032		277.803 981 68 277.805 070 28	+13.182 069 94 +13.177 535 99	0.99 -7.01	3.88 10.25	-21.21 -13.27	2.57 1.99 2.50 2.88 2.41 16.34 12.72 10.21 9.99 9.53	A 166.84	16.76	-0.03	-0.01									
18312+6608	1	F C A	A 90771 B 90771	9.296 0.006 11.888 0.062	10.339 0.030	9.185 0.019		277.794 490 01 277.790 791 49	+66.126 263 82 +66.126 904 34	1.28 1.28	13.68 13.68	-0.83 -0.83	1.20 1.34 1.25 1.02 1.44 13.93 16.21 1.25 1.02 1.44	A 293.2	5.86											
18313+6232	1	F C A	A 90789 B 90789	7.320 0.005 10.850 0.129	7.621 0.008	7.265 0.006		277.829 157 12 277.830 752 30	+62.537 849 23 +62.537 973 88	7.88 7.88	4.85 4.85	51.12 51.12	0.81 0.76 0.74 0.84 0.80 24.25 18.87 0.74 0.84 0.80	A 80.4	2.69											
18313-4821	1	F C A	A 90787 B 90787	9.933 0.009 10.264 0.013	10.216 0.064 10.551 0.084	9.840 0.072 10.323 0.128		277.826 485 95 277.829 519 64	-48.357 711 03 -48.357 219 55	1.57 1.57	-8.57 -8.57	-14.94 -14.94	3.09 2.37 3.61 3.57 2.69 7.13 5.37 3.61 3.57 2.69	A 76.30	7.47											
18314+0628	1	F C A	A 90807 B 90807	8.203 0.005 9.572 0.016	8.264 0.014 9.560 0.036	8.139 0.016 9.435 0.049		277.860 419 96 277.861 232 29	+6.460 324 43 +6.461 190 48	4.49 4.49	-4.53 -4.53	-7.57 -7.57	1.80 1.20 1.83 1.55 1.31 6.83 5.25 1.83 1.55 1.31	A 43.0	4.26											
18314+0802	1	F C A	A 90805 B 90805	7.796 0.006 9.340 0.024				277.859 024 79 277.858 967 09	+8.027 273 00 +8.027 165 02	1.95 1.95	1.22 1.22	-2.70 -2.70	1.43 1.25 1.26 1.34 1.14 6.70 4.82 1.26 1.34 1.14	A 208	0.44											



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18314-1048	1	F CA	A 90804 B 90804	5.805 0.005 9.519 0.131	5.980 0.004 9.559 0.036	5.780 0.004 9.315 0.044		277.857 053 50 277.853 633 15	-10.795 793 43 -10.796 593 38	4.70 4.70	1.67 1.67	-17.60 -17.60	0.91 0.70 0.94 0.78 0.64 36.26 27.91 0.94 0.78 0.64	A 256.6 12.43													
18317+7120	1	F CA	A 90829 B 90829	9.814 0.011 12.252 0.097				277.935 554 78 277.935 476 89	+71.339 345 37 +71.339 095 69	3.23 3.23	-6.70 -6.70	2.84 2.84	1.80 1.89 1.79 1.96 1.93 30.16 22.93 1.79 1.96 1.93	A 186 0.90													
18317-3055	1	F ND	A 90825 B 90825	9.371 0.018 13.481 0.763	10.789 0.053	9.356 0.028		277.926 311 58 277.926 284 64	-30.908 640 06 -30.908 343 66	4.17 4.17	15.61 15.61	-7.38 -7.38	2.64 2.35 2.74 3.90 2.12 160.26 137.37 2.74 3.90 2.12	A 356 1.07													
18319-5934	1	F CA	A 90841 B 90841	8.514 0.005 8.656 0.006				277.984 294 31 277.984 138 56	-59.562 526 48 -59.562 387 79	7.27 7.27	-20.76 -20.76	-14.47 -14.47	2.18 1.95 1.91 2.45 1.97 3.25 2.43 1.91 2.45 1.97	A 330.4 0.574													
18320+0647	1	L CA	A 90851 B 90851	7.933 0.003 8.884 0.007				278.007 283 82 278.007 217 43	+6.780 309 39 +6.780 138 84	10.75 10.75	-29.02 -30.92	-87.93 -82.19	1.43 1.06 1.26 1.09 0.93 3.86 2.36 1.26 2.67 1.98	A 201.1 0.658 +0.3 -0.005													
18320-0607	1	F CB	A 90847 B 90847	9.015 0.425 9.464 0.643				277.992 245 35 277.992 259 25	-6.114 474 70 -6.114 497 61	1.62 1.62	-0.07 -0.07	0.11 0.11	17.37 16.67 1.09 1.02 0.88 21.65 24.93 1.09 1.02 0.88	A 149 0.10													
18321-4046	1	F CA	A 90856 B 90856	10.039 0.037 11.494 0.141				278.018 175 65 278.018 050 48	-40.765 802 95 -40.765 836 14	7.68 7.68	-7.81 -7.81	-28.63 -28.63	5.70 2.92 3.04 3.42 2.06 24.51 12.46 3.04 3.42 2.06	A 251 0.36													
18322-0922	1	F CA	A 90867 B 90867	8.051 0.007 11.074 0.101	8.299 0.012 11.210 0.098	7.992 0.015 10.510 0.091		278.049 167 86 278.049 665 61	-9.370 319 35 -9.372 455 92	4.88 4.88	-9.33 -9.33	-15.52 -15.52	1.34 1.10 1.45 1.33 1.07 22.51 18.43 1.45 1.33 1.07	A 167.1 7.89													
18323+1625	1	F CB	A 90877 B 90877	9.997 0.125 11.638 0.565				278.063 855 36 278.063 797 30	+16.416 294 43 +16.416 311 89	4.48 4.48	-7.87 -7.87	-4.39 -4.39	15.75 6.69 1.77 1.63 1.41 53.85 21.36 1.77 1.63 1.41	A 287 0.21													
18325+6957	1	IND	A 90898 B 90893	8.534 0.006 11.452 0.058	8.585 0.010 11.644 0.106	8.506 0.012 10.790 0.079		278.114 948 50 278.103 947 43	+69.950 084 43 +69.957 446 72	2.96 5.74	-1.47 -1.93	5.41 4.10	1.76 1.55 1.25 1.56 1.42 17.15 16.06 9.21 11.90 10.65	A 332.88 29.78 0.00 0.00													
18328+1147	1	F CA	A 90918 B 90918	9.557 0.008 10.863 0.025	9.885 0.021 10.443 0.062	9.274 0.017 9.845 0.053		278.199 023 02 278.199 505 92	+11.789 438 94 +11.789 801 10	6.52 6.52	-1.55 -1.55	-3.70 -3.70	2.23 1.82 2.58 2.61 2.24 7.66 5.67 2.58 2.61 2.24	A 52.5 2.14													
18329+6343	1	F CA	A 90928 B 90928	9.399 0.007 10.031 0.012	9.986 0.024 10.704 0.057	9.208 0.019 9.834 0.039		278.224 241 63 278.221 342 74	+63.709 164 37 +63.709 170 01	10.14 10.14	27.72 27.72	5.20 5.20	1.44 1.54 1.32 1.46 1.67 3.78 4.45 1.32 1.46 1.67	A 270.3 4.622													
18329-7358	1	F CA	A 90930 B 90930	6.082 0.003 9.859 0.076				278.230 539 53 278.231 045 04	-73.965 383 78 -73.965 264 37	9.16 9.16	6.89 6.89	-87.25 -87.25	0.53 0.57 0.69 0.50 0.53 17.93 24.43 0.69 0.50 0.53	A 49 0.66													
18331+3134	1	IND	A 90937 B 90942	9.284 0.017 10.344 0.035	9.655 0.017 11.608 0.091	9.171 0.017 10.093 0.034		278.255 403 19 278.263 197 12	+31.595 271 27 +31.593 609 54	-0.46 -7.68	-6.99 14.18	-7.51 -14.65	2.45 2.36 2.70 2.67 2.91 11.57 11.10 8.73 8.61 9.31	A 104.05 24.64 0.00 +0.02													
18331-1042	1	F ND	A 90943 B 90943	9.129 0.016 12.483 0.330	9.889 0.027	9.042 0.021		278.266 375 25 278.267 107 84	-10.703 297 64 -10.702 987 68	16.46 16.46	51.29 51.29	14.71 14.71	2.14 1.60 1.96 1.82 1.54 76.86 55.54 1.96 1.82 1.54	A 67 2.82													
18332+4010	1	IND	A 90954 B 90951	7.355 0.004 9.632 0.023	7.842 0.007 10.876 0.068	7.301 0.007 9.476 0.032		278.310 906 54 278.301 721 36	+40.159 512 49 +40.164 049 65	25.71 1.27	-40.78 5.19	49.94 2.48	1.11 1.13 1.04 1.05 1.54 6.76 7.49 4.37 4.32 6.97	A 302.88 30.09 -0.03 -0.06													
18334-3843	1	I CA	A 90968 B 90969	5.653 0.043 6.400 0.074	5.521 0.003 6.240 0.005	5.594 0.004 6.271 0.005		278.346 388 66 278.346 166 71	-38.725 932 59 -38.720 002 70	1.90 6.67	-0.60 10.02	-21.79 -12.51	1.93 1.32 1.63 2.15 1.33 25.71 17.60 7.01 21.23 13.10	A 358.3 21.36 0.0 +0.01													
18335-5843	1	F CC	A 90981 B 90981	6.571 0.005 10.628 0.205				278.372 685 58 278.372 472 63	-58.708 531 66 -58.708 772 11	19.84 19.84	23.92 23.92	-104.06 -104.06	0.97 0.73 0.91 1.22 0.76 54.40 30.79 0.91 1.22 0.76	A 205 0.95													
18338+1744	1	F NC	A 90996 B 90996 C 90996	7.742 0.113 8.910 0.341 8.919 0.048				278.440 066 92 278.440 135 51 278.439 550 56	+17.732 201 72 +17.732 198 88 +17.732 242 98	7.16 7.16 7.16	4.03 4.03 4.03	-3.34 -3.34 -3.34	4.91 1.94 2.23 1.83 1.68 22.12 9.59 2.23 1.83 1.68 7.90 6.95 2.23 1.83 1.68	A 92 0.24 A 274.8 1.78													
18339+5221	1	F CA	A 91013 B 91013	6.198 0.010 6.404 0.012				278.486 193 30 278.486 306 17	+52.353 518 51 +52.353 498 62	4.10 4.10	-3.26 -3.26	3.03 3.03	1.95 1.91 0.54 0.64 0.55 1.92 1.67 0.54 0.64 0.55	A 106 0.258													
18342-6617	1	F CA	A 91035 B 91035	7.058 0.004 9.193 0.031	8.245 0.008 9.177 0.016	6.984 0.005 9.061 0.020		278.560 329 52 278.557 338 44	-66.279 260 13 -66.278 774 98	1.21 1.21	3.03 3.03	-9.75 -9.75	0.74 0.81 1.04 0.71 0.81 6.08 6.65 1.04 0.71 0.81	A 292.0 4.67													
18345+5147	1	F CC	A 91061 B 91061	7.171 0.302 7.677 0.481				278.628 748 23 278.628 739 97	+51.782 315 61 +51.782 348 01	3.94 3.94	-40.36 -40.36	-26.63 -26.63	5.17 21.87 0.54 0.57 0.58 10.17 18.84 0.54 0.57 0.58	A 351 0.12													
18345-3449	1	F CA	A 91054 B 91054	7.603 0.005 7.898 0.007	7.841 0.011 8.129 0.012	7.554 0.010 7.776 0.013		278.613 608 14 278.614 154 90	-34.815 753 63 -34.816 175 32	11.56 11.56	14.63 14.63	16.78 16.78	1.76 1.06 1.74 1.96 1.23 3.18 2.56 1.74 1.96 1.23	A 133.2 2.217													
18346+3608	1	F CA	A 91070 B 91070	8.824 0.006 11.574 0.079	9.899 0.023	8.702 0.014		278.644 669 80 278.645 032 69	+36.130 366 17 +36.130 441 76	2.40 2.40	5.44 5.44	-10.23 -10.23	0.99 1.08 1.20 1.00 1.28 15.81 13.24 1.20 1.00 1.28	A 76 1.09													
18347+3548	1	F CB	A 91080 B 91080	7.956 0.108 10.046 0.741				278.666 945 81 278.666 893 61	+35.804 606 60 +35.804 600 48	4.47 4.47	3.43 3.43	2.51 2.51	8.74 5.33 0.72 0.65 0.76 46.27 46.36 0.72 0.65 0.76	A 262 0.15													
18349-2326	1	F CB	A 91097 B 91097	10.657 0.090 12.790 0.638				278.733 772 92 278.733 864 49	-23.428 096 00 -23.428 062 21	4.49 4.49	-2.15 -2.15	-0.55 -0.55	17.36 6.15 2.63 3.53 2.46 80.32 42.01 2.63 3.53 2.46	A 68 0.33													
18351+0003	1	F CA	A 91113 S 91113	8.768 0.029 8.893 0.033				278.784 237 65 278.784 194 05	+0.043 060 40 +0.042 997 51	0.20 0.20	1.19 1.19	-10.16 -10.16	5.05 4.29 1.47 1.62 1.37 5.05 4.35 1.47 1.62 1.37	A 215 0.275													

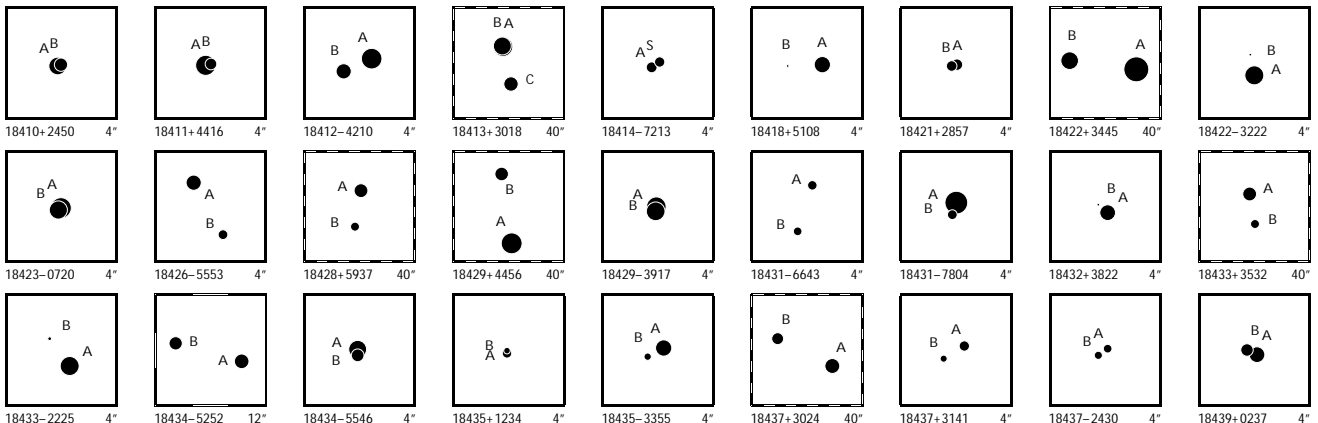


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18352+3427	1	F C C	A 91119 B 91119	6.118 0.015 9.469 0.331				278.806 264 63 +34.458 001 36 278.806 191 55 +34.457 994 60	3.14 3.14	2.83 8.41 2.83 8.41	1.75 1.45 0.60 0.53 0.69 28.53 38.93 0.60 0.53 0.69	A 264 0.22														
18352+6342	1	F N D	A 91115 B 91115	8.207 0.022 10.911 0.216	8.759 0.011	8.153 0.010		278.789 219 27 +63.697 007 15 278.794 175 96 +63.702 095 09	18.76 18.76	-20.62 -259.02 -20.62 -259.02	1.05 1.01 0.97 1.09 1.22 47.39 46.18 0.97 1.09 1.22	A 23.3 19.95														
18352-7539	1	F C A	A 91114 B 91114	9.725 0.009 11.087 0.030	9.805 0.018	9.394 0.016		278.786 773 79 -75.653 587 48 278.787 730 58 -75.654 028 01	1.76 1.76	-3.30 8.19 -3.30 8.19	1.58 1.86 2.20 1.68 2.01 7.40 7.91 2.20 1.68 2.01	A 151.7 1.80														
18353+2145	1	F C A	A 91127 B 91127	9.371 0.049 10.670 0.162				278.823 488 64 +21.743 561 92 278.823 529 96 +21.743 497 23	6.18 6.18	-7.90 -3.51 -7.90 -3.51	4.67 6.84 1.63 1.18 1.23 13.47 17.91 1.63 1.18 1.23	A 149 0.27														
18353-2205	1	F C B	A 91130 B 91130	8.094 0.011 11.631 0.215				278.835 297 52 -22.090 929 77 278.831 885 99 -22.090 956 14	2.10 2.10	1.90 -3.02 1.90 -3.02	1.97 1.20 1.86 2.40 1.51 78.37 34.44 1.86 2.40 1.51	A 269.5 11.38														
18355+2104	1	L C A	A 91140 B 91140	9.070 0.009 10.676 0.032	9.675 0.021	9.065 0.019		278.879 758 84 +21.074 194 77 278.877 533 82 +21.071 845 29	7.25 7.25	41.16 3.97 -3.71 -8.19	1.74 1.75 2.28 1.38 1.49 9.81 9.96 2.28 6.39 6.74	A 221.47 11.29 +0.13 +0.04														
18355+2336	1	L C A	A 91139 B 91139	6.446 0.003 6.645 0.003				278.876 645 11 +23.605 528 70 278.876 674 65 +23.605 716 74	6.70 6.70	3.31 0.73 0.91 5.93	0.74 1.30 1.38 0.80 1.39 1.68 2.02 1.38 1.05 1.58	A 8.2 0.684 -0.3 +0.005														
18358+1658	1	L C A	A 91159 B 91159	7.044 0.005 7.129 0.005	6.983 0.011	6.378 0.011		278.971 635 54 +16.975 869 94 278.971 815 96 +16.975 424 92	29.23 29.23	49.09 -71.19 59.91 -63.24	1.59 1.48 1.54 1.32 1.27 2.05 2.97 1.54 2.45 1.86	A 158.8 1.718 -0.4 -0.003														
18358+2522	1	F C A	A 91150 B 91150	9.196 0.131 9.667 0.202				278.940 426 18 +25.366 932 82 278.940 470 33 +25.366 921 59	3.63 3.63	-0.02 -8.27 -0.02 -8.27	9.06 5.01 1.09 0.78 0.85 13.39 7.80 1.09 0.78 0.85	A 106 0.15														
18358-3357	1	F C A	A 91153 B 91153	9.655 0.008 11.132 0.031	10.765 0.052	9.633 0.031		278.946 714 12 -33.952 469 05 278.945 837 67 -33.950 811 72	-0.16 -0.16	4.28 -5.04 4.28 -5.04	2.45 1.66 3.14 2.99 2.14 13.55 5.76 3.14 2.99 2.14	A 336.3 6.52														
18359-4426	1	F C A	A 91162 B 91162	8.861 0.007 11.764 0.097	8.793 0.014	8.836 0.019		278.976 718 16 -44.429 061 39 278.977 844 83 -44.427 033 58	-0.90 -0.90	5.52 -8.10 5.52 -8.10	1.53 1.14 1.64 1.79 1.27 28.14 16.89 1.64 1.79 1.27	A 21.6 7.85														
18360+1144	1	F C A	A 91167 B 91167	8.424 0.015 8.517 0.016				278.987 786 78 +11.728 398 32 278.987 888 04 +11.728 393 68	5.59 5.59	12.16 -9.97 12.16 -9.97	2.84 1.87 1.94 1.97 1.45 2.95 1.98 1.94 1.97 1.45	A 93 0.357														
18361+2344	1	F N D	A 91186 B 91186	9.063 0.006 13.214 0.244				279.033 103 21 +23.737 217 45 279.032 913 75 +23.737 258 82	2.05 2.05	20.54 -6.21 20.54 -6.21	1.05 1.17 1.71 1.20 1.40 66.35 85.48 1.71 1.20 1.40	A 283 0.64														
18362+4117	1	F C A	B 91192 A 91192	7.661 0.007 7.742 0.008	7.673 0.006	7.617 0.009		279.049 974 30 +41.278 073 82 279.050 619 58 +41.276 749 23	4.77 4.77	3.29 12.91 3.29 12.91	1.81 2.14 1.72 1.32 1.92 2.83 3.00 1.72 1.32 1.92	B 159.89 5.078														
18363-3220	1	F C B	A 91206 B 91206	9.120 0.052 9.374 0.065				279.087 033 22 -32.327 300 68 279.087 014 67 -32.327 249 73	1.09 1.09	-10.15 -7.13 -10.15 -7.13	4.70 5.56 1.55 1.84 1.24 5.72 6.09 1.55 1.84 1.24	A 343 0.19														
18365-3342	1	F C A	A 91218 B 91218	9.240 0.007 11.287 0.041	10.291 0.032	9.119 0.020		279.116 671 69 -33.707 094 56 279.116 103 67 -33.707 190 61	2.13 2.13	-6.18 -14.55 -6.18 -14.55	1.97 1.41 2.41 2.54 1.78 16.77 8.87 2.41 2.54 1.78	A 258.5 1.74														
18367-2019	1	F C B	A 91238 B 91238	7.534 0.010 10.816 0.209	7.598 0.010	7.505 0.012		279.164 274 62 -20.313 933 65 279.164 367 62 -20.314 272 68	3.08 3.08	1.75 -4.69 1.75 -4.69	1.58 1.10 1.50 1.63 1.12 48.51 38.20 1.50 1.63 1.12	A 166 1.26														
18368+2120	1	F C A	A 91252 B 91252	8.731 0.117 9.345 0.207				279.200 056 23 +21.334 009 61 279.200 092 19 +21.333 974 84	1.18 1.18	2.04 2.90 2.04 2.90	7.81 8.29 1.07 0.77 0.85 11.32 11.70 1.07 0.77 0.85	A 136 0.17														
18368-2617	1	L C A	A 91253 B 91253	8.465 0.068 8.955 0.106				279.200 991 85 -26.289 321 61 279.200 941 62 -26.289 360 28	20.55 20.55	-41.80 -56.27 -51.92 -23.74	14.86 8.93 1.61 9.47 5.33 22.59 13.72 1.61 14.01 7.82	A 229 0.21 +8 -0.01														
18372+0732	1	I N D	A 91291 B 91288	7.997 0.006 9.840 0.025	8.496 0.010	7.940 0.012		279.313 553 31 +7.528 704 79 279.306 506 57 +7.532 304 31	13.60 3.78	56.43 -63.87 9.03 3.97	1.92 1.39 1.78 2.11 1.70 11.26 7.47 1.73 9.05 7.24	A 297.26 28.29 +0.08 +0.07														
18374+7741	1	F C A	A 91298 S 91298	7.524 0.119 8.104 0.203				279.349 701 70 +77.686 762 00 279.349 576 76 +77.686 790 51	7.94 7.94	10.65 19.01 10.65 19.01	6.98 6.05 0.51 0.50 0.57 11.68 10.40 0.51 0.50 0.57	A 317 0.14														
18377-4029	1	F C B	A 91330 B 91330	9.058 0.008 12.292 0.144	9.632 0.019	8.976 0.017		279.421 034 07 -40.490 185 31 279.420 919 10 -40.490 749 95	5.63 5.63	17.08 9.85 17.08 9.85	1.93 1.40 2.03 2.11 1.33 50.60 31.06 2.03 2.11 1.33	A 189 2.06														
18378-1121	1	F C A	A 91340 B 91340	10.029 0.012 10.619 0.021				279.455 489 55 -11.354 753 98 279.455 456 51 -11.354 854 79	2.52 2.52	-2.81 -26.35 -2.81 -26.35	3.14 2.21 2.57 2.35 1.81 7.05 4.57 2.57 2.35 1.81	A 198 0.381														
18379-0023	1	F C A	A 91352 B 91352	8.094 0.004 9.896 0.018	8.520 0.011	7.971 0.011		279.485 911 12 -0.385 827 44 279.485 019 63 -0.386 012 62	1.02 1.02	0.98 -9.29 0.98 -9.29	1.78 1.05 1.33 1.53 1.22 7.79 3.62 1.33 1.53 1.22	A 258.3 3.28														
18380+0800	1	F C A	A 91362 B 91362	9.305 0.007 10.440 0.018				279.500 345 23 +8.000 738 27 279.500 143 57 +8.000 525 69	2.62 2.62	-3.30 -8.14 -3.30 -8.14	2.14 1.51 1.92 1.78 1.59 8.83 5.08 1.92 1.78 1.59	A 223.2 1.05														
18383+2818	1	F C B	A 91387 B 91387	8.712 0.035 10.772 0.190	9.735 0.018	8.614 0.012		279.583 164 80 +28.303 276 70 279.584 120 94 +28.309 038 86	2.05 2.05	8.80 21.98 8.80 21.98	1.57 1.85 2.12 1.83 2.06 66.31 84.77 2.12 1.83 2.06	A 8.3 20.96														
18383+5353	1	F C A	A 91385 B 91385	8.834 0.005 9.919 0.014				279.582 008 86 +53.885 085 90 279.582 203 80 +53.885 032 26	7.38 7.38	62.58 39.03 62.58 39.03	1.21 1.16 0.99 1.03 1.18 3.24 3.69 0.99 1.03 1.18	A 115 0.456														

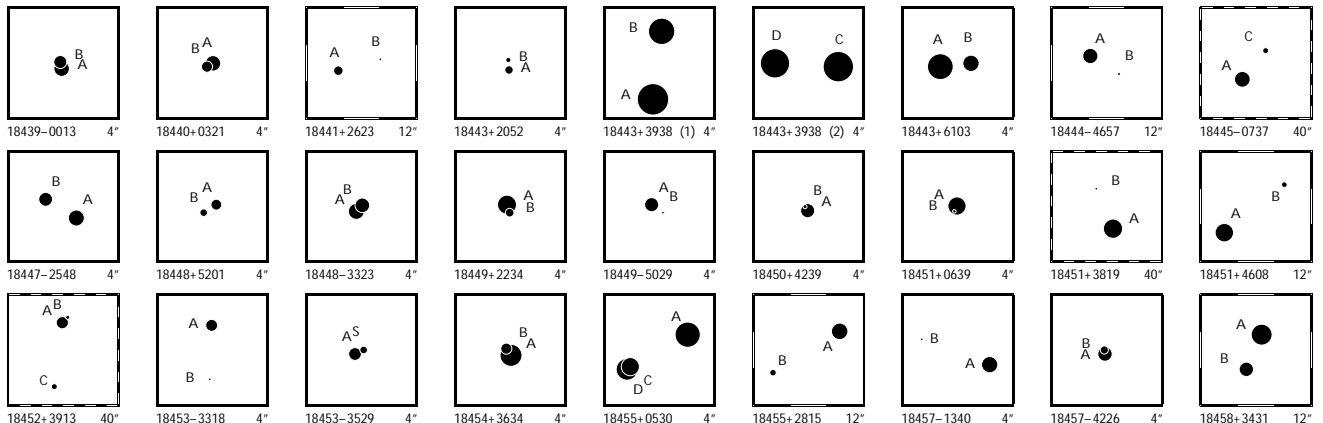


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt						
1	2	3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
18383+2525	1	F	C A	A 91380	8.340	0.009	8.736	0.015	8.289	0.015	279.563	517	20	-25.421	454	41	2.18	3.55	-7.48	1.89	1.23	1.81	2.13	1.39	A	177.7	4.41		
				B 91380	10.489	0.065	10.869	0.172	10.122	0.149	279.563	572	67	-25.422	679	06	2.18	3.55	-7.48	17.56	10.92	1.81	2.13	1.39					
18384+2842	1	F	C A	A 91392	8.884	0.010					279.593	567	93	+28.697	069	09	3.00	-2.62	-17.64	1.67	2.13	2.48	1.72	1.94	A	62.2	1.108		
				B 91392	9.260	0.014					279.593	878	42	+28.697	212	60	3.00	-2.62	-17.64	4.07	3.75	2.48	1.72	1.94					
18384+3603	1	F	C A	A 91399	7.592	0.004	7.881	0.010	7.491	0.010	279.607	008	53	+36.053	236	16	10.25	22.30	-38.81	0.91	1.10	1.11	0.89	1.29	A	185.8	4.33		
				B 91399	8.856	0.013	9.184	0.029	8.717	0.028	279.606	859	38	+36.052	039	25	10.25	22.30	-38.81	4.13	4.79	1.11	0.89	1.29					
18384+6332	1	I	C A	A 91396	7.015	0.007	8.306	0.011	6.961	0.006	279.601	014	74	+63.532	826	96	5.26	-20.54	16.26	1.12	1.11	0.87	1.12	1.19	A	338.2	16.84	0.0	-0.01
				B 91393	10.163	0.103	10.556	0.049	9.833	0.039	279.597	122	18	+63.537	172	01	14.22	-20.30	1.33	30.93	34.43	10.48	14.00	14.57					
18384+6707	1	L	C A	A 91395	8.313	0.086					279.599	477	49	+67.126	085	53	19.11	-138.32	196.26	6.03	6.13	0.59	1.98	3.37	A	314	0.17	-5	-0.03
				B 91395	8.950	0.154					279.599	391	05	+67.126	117	76	19.11	-124.36	161.16	8.72	9.49	0.59	3.72	5.78					
18384-0312	1	F	C A	A 91394	7.224	0.124					279.599	143	10	-3.193	736	72	20.01	6.47	33.59	4.65	8.29	0.93	0.93	0.70	A	15	0.130		
				B 91394	7.511	0.161					279.599	152	61	-3.193	701	80	20.01	6.47	33.59	5.36	8.63	0.93	0.93	0.70					
18386+1632	1	F	C A	A 91413	8.335	0.028					279.653	068	38	+16.541	029	23	8.02	-52.54	-50.09	3.65	2.62	1.26	1.23	1.09	A	56	0.30		
				B 91413	8.983	0.050					279.653	140	77	+16.541	075	97	8.02	-52.54	-50.09	6.63	4.81	1.26	1.23	1.09					
18387+0451	1	F	C A	A 91418	6.911	0.003	8.126	0.011	6.805	0.008	279.666	060	01	+4.854	906	96	6.69	-7.27	-47.65	0.94	0.66	1.04	0.88	0.74	A	283.1	1.66		
				B 91418	9.172	0.026					279.665	609	97	+4.855	011	16	6.69	-7.27	-47.65	8.55	5.97	1.04	0.88	0.74					
18387-1429	1	F	N D	A 91430	11.947	1.074					279.686	160	80	-14.489	194	23	78.52	110.63	-569.18	28.05	52.02	2.87	3.39	2.42	A	358	0.11		
				B 91430	11.988	1.116					279.686	159	52	-14.489	164	57	78.52	110.63	-569.18	29.23	59.78	2.87	3.39	2.42					
18387-4922	1	F	N D	A 91416	10.095	0.022	10.742	0.051	9.952	0.039	279.663	993	50	-49.361	627	04	6.81	12.09	-7.58	2.31	1.96	2.48	2.73	1.95	A	176	1.36		
				B 91416	13.091	0.341					279.664	031	74	-49.362	002	94	6.81	12.09	-7.58	68.39	61.39	2.48	2.73	1.95					
18388-6323	1	F	C A	A 91433	9.703	0.044					279.706	601	15	-63.380	751	47	2.93	10.45	-17.90	5.01	4.44	1.61	1.67	1.12	A	132	0.24		
				B 91433	10.301	0.077					279.706	712	80	-63.380	797	03	2.93	10.45	-17.90	9.14	7.96	1.61	1.67	1.12					
18389+5221	1	F	C A	A 91436	7.629	0.004	7.713	0.009	7.546	0.013	279.713	623	45	+52.343	946	91	2.68	6.85	-5.28	1.09	1.14	1.06	1.06	1.16	A	321.7	1.909		
				B 91436	7.916	0.004	8.620	0.017	7.751	0.012	279.713	085	80	+52.344	363	17	2.68	6.85	-5.28	1.81	1.88	1.06	1.06	1.16					
18393+2056	1	F	C A	A 91468	7.972	0.005	7.888	0.009	7.917	0.010	279.829	846	20	+20.933	058	07	2.41	-1.49	-8.00	1.10	1.16	1.48	1.37	1.45	A	359.0	2.47		
				B 91468	9.201	0.016	9.057	0.019	8.991	0.018	279.829	833	65	+20.933	742	93	2.41	-1.49	-8.00	4.38	5.81	1.48	1.37	1.45					
18394+1540	1	F	C A	A 91476	9.683	0.011	10.304	0.032	9.551	0.025	279.856	247	80	+15.659	158	87	13.31	17.38	-2.66	2.68	2.34	2.89	2.93	2.47	A	59.2	3.23		
				B 91476	10.730	0.026	11.500	0.108	10.445	0.067	279.857	047	63	+15.659	618	19	13.31	17.38	-2.66	9.65	9.27	2.89	2.93	2.47					
18395-4545	1	F	C B	A 91484	7.796	0.008	9.225	0.020	7.765	0.011	279.870	248	85	-45.750	134	59	0.40	4.61	-15.75	1.57	1.21	1.64	1.82	1.22	A	312	4.64		
				B 91484	11.443	0.233					279.868	875	30	-45.749	271	89	0.40	4.61	-15.75	72.69	42.77	1.64	1.82	1.22					
18396+4056	1	F	C A	A 91491	6.465	0.041					279.887	595	33	+40.935	066	81	4.04	14.79	-1.26	3.31	2.34	0.57	0.50	0.69	A	118	0.17		
				B 91491	7.986	0.165					279.887	650	73	+40.935	044	41	4.04	14.79	-1.26	10.34	11.20	0.57	0.50	0.69					
18399+5106	1	F	F D	A 91529	9.031	0.013	9.671	0.022	8.926	0.018	279.984	421	66	+51.092	966	44	8.23	-2.71	-69.78	1.72	1.87	1.75	1.91	1.94	A	36.8	8.23		
				B 91529	11.687	0.140					279.986	604	38	+51.094	797	26	8.23	-2.71	-69.78	29.36	36.11	1.75	1.91	1.94					
18399+5815	1	F	C A	A 91526	8.140	0.006	8.415	0.009	8.096	0.009	279.973	240	44	+58.248	776	66	2.03	3.63	22.12	0.85	0.82	0.80	0.89	0.85	A	56.7	4.01		
				B 91526	11.623	0.136					279.975	011	67	+58.249	388	38	2.03	3.63	22.12	21.67	21.75	0.80	0.89	0.85					
18399-2531	1	F	C B	A 91524	8.681	0.011	9.944	0.041	8.543	0.024	279.967	813	00	-25.504	592	57	1.09	3.65	-11.89	2.44	1.37	2.33	3.17	1.97	A	219.13	7.083		
				B 91524	8.919	0.013	9.307	0.028	9.016	0.032	279.966	437	25	-25.506	118	71	1.09	3.65	-11.89	5.52	3.36	2.33	3.17	1.97					
18401+0322	1	I	C A	A 91538	8.799	0.034	8.912	0.013	8.742	0.015	280.020	953	40	+3.356	685	31	3.17	7.14	-5.09	3.07	2.23	2.74	2.92	2.48	A	347.9	22.08	-0.1	+0.04
				B 91537	10.159	0.095	11.069	0.053	10.010	0.034	280.019	666	97	+3.362	683	29	-3.39	-31.83	24.79	42.58	31.39	9.95	55.89	41.59					
18401+2442	1	F	C A	A 91539	8.157	0.007	9.287	0.012	8.071	0.008	280.021	375	61	+24.703	401	36	6.36	-0.71	14.45	0.94	1.32	1.62	1.07	1.59	A	174.7	9.99		
				B 91539	10.388	0.055	12.003	0.153	10.325	0.051	280.021	657	87	+24.700	638	69	6.36	-0.71	14.45	9.89	14.88	1.62	1.07	1.59					
18402+3822	1	F	C A	A 91552	6.874	0.115					280.050	782	89	+38.367	177	89	6.51	19.27	6.81	7.08	4.48	0.63	0.63	0.79	A	275	0.11		
				B 91552	8.055	0.342																							

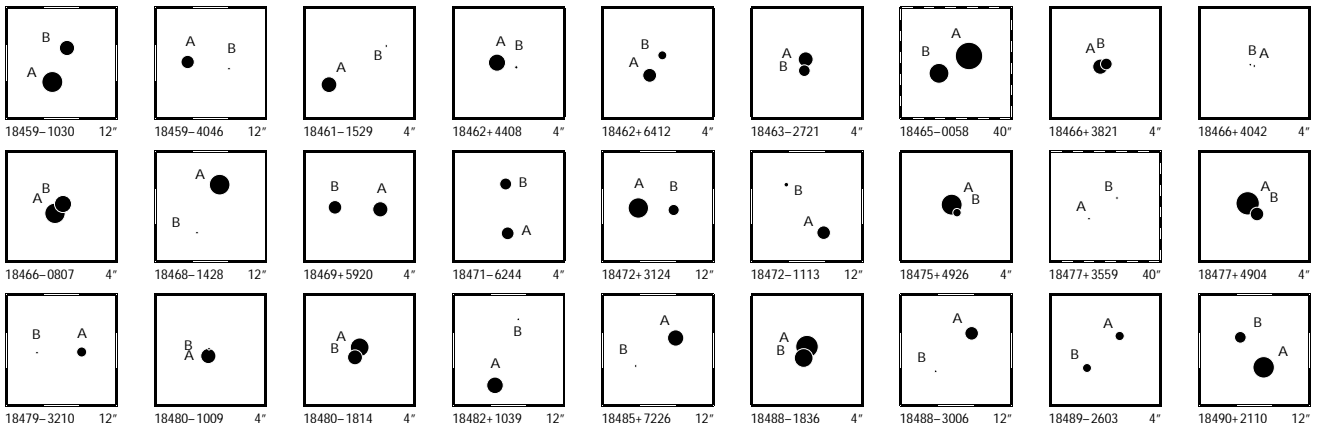
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18410+2450	1	F C B	A 91609 B 91609	8.079 0.269 9.084 0.678				280.248 473 18 280.248 442 28	+24.825 083 12 +24.825 099 45	4.41 4.41	4.34 10.34 4.34 10.34	13.04 5.13 0.85 38.96 31.76 0.85	0.52 0.75 0.52 0.75	A 300	0.12											
18411+4416	1	F C A	A 91615 B 91615	7.575 0.037 9.413 0.203				280.264 553 43 280.264 486 03	+44.271 099 37 +44.271 115 41	5.48 5.48	1.59 0.17 1.59 0.17	3.73 2.28 0.62 13.52 13.58 0.62	0.56 0.68 0.56 0.68	A 288	0.18											
18412-4210	1	F C A	A 91629 B 91629	7.468 0.006 8.619 0.018				280.304 668 70 280.305 052 08	-42.166 659 69 -42.166 783 30	5.86 5.86	4.10 12.01 4.10 12.01	1.38 0.99 1.46 5.93 4.19 1.46	1.62 1.07 1.62 1.07	A 113.5	1.12											
18413+3018	1	F N B	G A 91636 B 91636 C 91635	7.697 0.061 8.025 0.082 8.816 0.057				280.318 127 46 280.318 196 87 280.317 207 91	+30.294 698 64 +30.294 700 96 +30.290 850 34	6.15 6.15 6.15	1.83 -40.15 1.83 -40.15 1.83 -40.15	3.48 1.69 1.32 6.30 4.79 1.32 8.15 9.82 1.32	1.17 1.44 1.17 1.44 1.17 1.44	A 88	0.216											
18414-7213	1	F C A	A 91648 S 91648	9.585 0.015 9.746 0.017				280.338 164 50 280.337 886 09	-72.222 712 02 -72.222 656 39	7.62 7.62	-43.45 61.71 -43.45 61.71	2.39 2.73 2.62 3.28 4.40 2.62	1.56 2.01 1.56 2.01	A 303	0.366											
18418+5108	1	F C A	A 91680 B 91680	8.385 0.006 11.439 0.103				280.437 469 44 280.438 046 11	+51.125 983 22 +51.125 968 19	3.43 3.43	2.67 1.86 2.67 1.86	1.05 0.99 0.97 27.85 17.29 0.97	1.09 1.14 1.09 1.14	A 92	1.30											
18421+2857	1	L C B	W A 91703 B 91703	9.462 0.069 9.649 0.081				280.520 106 88 280.520 172 77	+28.958 254 37 +28.958 246 86	1.56 1.56	1.92 30.78 -13.13 -17.00	7.97 7.16 1.80 10.04 12.73 1.80	2.76 4.40 3.51 5.73	A 97	0.209	+14										
18422+3445	1	I C A	A 91707 B 91712	6.452 0.009 8.081 0.030				280.533 696 41 280.542 080 83	+34.746 315 78 +34.747 240 81	2.47 8.76	-0.17 -3.66 6.76 -9.43	0.84 0.92 0.87 7.73 8.42 5.32	0.86 1.00 5.67 6.85	A 82.35	25.02	+0.02	+0.01									
18422-3222	1	F C A	A 91713 B 91713	7.792 0.004 11.421 0.089				280.542 082 84 280.542 129 03	-32.367 093 49 -32.366 879 39	1.24 1.24	-3.53 -3.52 -3.53 -3.52	1.28 0.73 1.17 31.26 19.34 1.17	1.65 0.97 1.65 0.97	A 10	0.78											
18423-0720	1	F F D	D A 91728 B 91728	7.441 0.192 7.975 0.313				280.574 528 34 280.574 557 46	-7.337 313 21 -7.337 333 79	1.45 1.45	18.58 -0.26 18.58 -0.26	16.64 10.96 0.87 22.85 14.50 0.87	0.79 0.63 0.79 0.63	A 125	0.13											
18426-5553	1	F C A	A 91754 B 91754	8.614 0.013 9.847 0.039				280.656 067 42 280.655 531 96	-55.889 711 90 -55.890 249 42	12.63 12.63	-2.77 -28.92 -2.77 -28.92	1.89 1.59 1.90 9.28 7.41 1.90	1.87 1.47 1.87 1.47	A 209.2	2.22											
18428+5937	1	I C A	A 91768 B 91772	8.922 0.021 9.996 0.047				280.700 905 82 280.702 123 90	+59.626 015 93 +59.622 360 64	280.28 284.48	-1326.88 1802.12 -1393.20 1845.73	3.31 3.13 2.57 12.91 15.95 5.01	3.10 3.58 11.50 12.02	A 170.4	13.34	+0.2	-0.05									
18429+4456	1	I N B	A 91782 B 91783	7.351 0.013 9.012 0.044				280.730 959 62 280.732 397 66	+44.925 304 85 +44.932 373 03	8.09 7.39	-14.07 -21.54 -12.83 -21.27	1.41 1.50 1.26 10.38 12.64 6.57	1.35 1.89 7.02 11.26	A 8.20	25.71	0.00	0.00									
18429-3917	1	F C A	A 91777 B 91777	7.674 0.040 7.853 0.048				280.721 424 38 280.721 447 10	-39.285 633 45 -39.285 679 31	2.02 2.02	3.32 -8.93 3.32 -8.93	2.32 3.34 0.92 2.99 4.11 0.92	0.92 0.58 0.92 0.58	A 159	0.177											
18431-6643	1	F C A	A 91802 B 91802	9.898 0.011 10.072 0.013				280.772 692 94 280.773 085 66	-66.715 541 19 -66.716 008 48	6.29 6.29	8.36 -2.18 8.36 -2.18	2.12 2.86 3.42 4.53 4.89 3.42	1.90 2.97 1.90 2.97	A 161.6	1.773											
18431-7804	1	F C A	A 91795 B 91795	6.950 0.003 9.840 0.045				280.763 202 13 280.763 371 84	-78.066 263 01 -78.066 394 72	6.78 6.78	21.85 1.62 21.85 1.62	0.59 0.81 0.70 9.66 8.16 0.70	0.50 0.60 0.50 0.60	A 165	0.49											
18432+3822	1	F C A	A 91814 B 91814	8.508 0.005 11.633 0.087				280.804 690 18 280.804 805 92	+38.369 491 11 +38.369 575 26	3.12 3.12	11.12 -5.00 11.12 -5.00	1.20 1.13 1.00 23.82 21.60 1.00	1.10 1.26 1.10 1.26	A 47	0.45											
18433+3532	1	I C A	A 91829 B 91828	8.965 0.008 10.009 0.017				280.841 372 13 280.840 695 04	+35.548 689 93 +35.545 600 33	8.58 2.18	5.87 14.06 -9.02 23.05	1.99 2.23 1.94 5.83 6.33 4.48	2.20 2.76 5.30 6.02	A 190.11	11.30	+0.08	-0.01									
18433-2225	1	F C B	A 91826 B 91826	7.810 0.011 11.179 0.241				280.834 364 42 280.834 586 58	-22.410 802 91 -22.410 517 30	1.66 1.66	0.91 -5.99 0.91 -5.99	1.84 0.96 1.73 34.47 12.45 1.73	2.24 1.31 2.24 1.31	A 36	1.27											
18434-5252	1	F C A	W A 91832 B 91832	8.744 0.011 9.071 0.013				280.845 656 87 280.849 032 11	-52.862 293 97 -52.861 751 50	7.88 7.88	1.14 -1.16 1.14 -1.16	2.39 1.87 2.63 4.18 3.78 2.63	2.61 1.81 2.61 1.81	A 75.09	7.591											
18434-5546	1	L C A	A 91837 B 91837	8.065 0.027 9.173 0.074				280.856 061 18 280.856 060 59	-55.766 875 54 -55.766 938 24	16.28 16.28	-11.52 -72.11 4.38 -88.41	2.12 3.03 1.06 6.48 8.10 1.06	1.74 0.93 4.51 2.19	A 180	0.226	-4	+0.016									
18435+1234	1	F C B	A 91842 B 91842	9.895 0.363 10.537 0.656				280.868 980 13 280.868 978 52	+12.564 370 05 +12.564 404 65	0.95 0.95	2.58 -5.21 2.58 -5.21	9.54 27.95 1.33 16.97 26.57 1.33	1.48 1.23 1.48 1.23	A 357	0.12											
18435-3355	1	F C A	A 91846 B 91846	8.387 0.007 10.397 0.041				280.880 369 67 280.880 574 51	-33.923 212 98 -33.923 298 22	6.61 6.61	40.06 2.04 40.06 2.04	2.24 1.53 2.22 18.19 10.74 2.22	3.09 1.73 3.09 1.73	A 117	0.68											
18437+3024	1	I C A	A 91863 B 91869	8.714 0.048 9.369 0.075				280.926 102 87 280.932 499 62	+30.404 702 87 +30.407 527 75	6.71 9.65	8.11 8.88 5.32 11.47	1.73 2.19 2.02 16.23 18.38 4.07	1.91 2.78 3.79 5.21	A 62.88	22.313	-0.01	-0.001									
18437+3141	1	F C A	A 91868 B 91868	9.747 0.008 10.456 0.015				280.931 533 93 280.931 786 34	+31.681 827 05 +31.681 694 75	20.61 20.61	-35.71 -41.43 -35.71 -41.43	2.12 2.09 2.44 5.07 6.17 2.44	2.30 2.29 2.30 2.29	A 121.6	0.908											
18437-2430	1	F C A	A 91858 B 91858	10.051 0.013 10.187 0.014				280.917 514 40 280.917 618 45	-24.504 875 43 -24.504 944 20	1.21 1.21	3.72 -3.98 3.72 -3.98	4.30 2.19 2.98 6.74 3.19 2.98	4.81 2.64 4.81 2.64	A 126	0.42											
18439+0237	1	F C A	A 91889 B 91889	8.542 0.009 9.232 0.017				280.982 549 53 280.982 649 93	+2.621 458 49 +2.621 508 95	9.20 9.20	-31.90 -59.46 -31.90 -59.46	2.26 1.57 1.73 5.29 3.65 1.73	1.73 1.42 1.73 1.42	A 63	0.404											



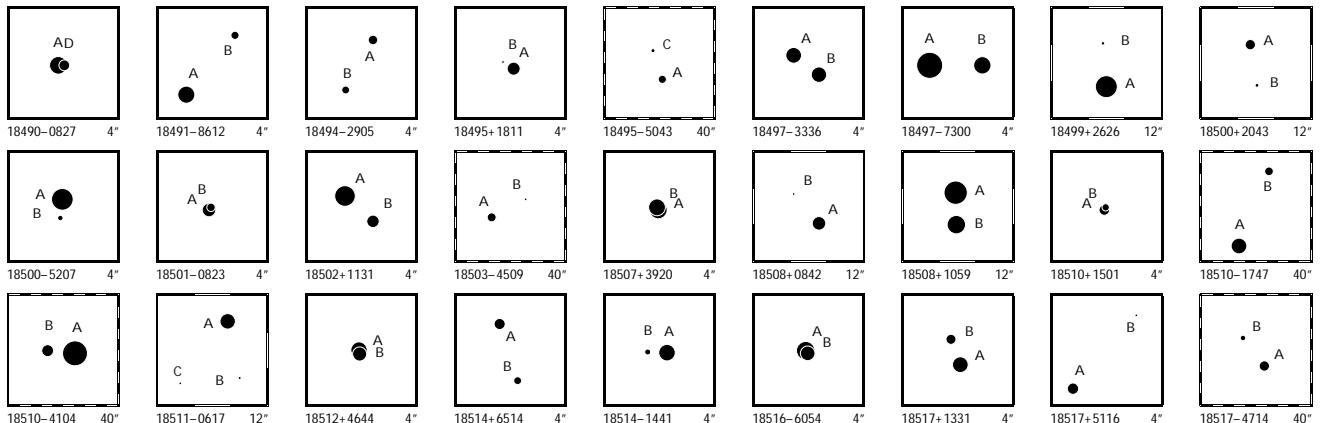
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	σ_{α^*}	σ_{δ}	σ_{π}	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18439-0013	1	F CA	A 91886 B 91886	8.601 9.131	0.031 0.051						280.973 120 48 280.973 136 06	-0.224 415 08 -0.224 343 71	3.60 3.60	5.03 5.03	0.57 0.57	2.19 3.79	4.40 6.00	1.26 1.26	1.06 1.06	0.88 0.88	A	12		0.263	
18440+0321	1	F CA	A 91893 B 91893	8.594 9.559	0.032 0.078						280.997 051 18 280.997 112 32	+3.343 966 80 +3.343 935 04	3.45 3.45	-4.14 -4.14	-8.25 -8.25	4.82 10.81	3.58 8.73	1.27 1.27	1.07 1.07	0.86 0.86	A	117		0.25	
18441+2623	1	FND D	A 91900 B 91900	9.879 13.791	0.011 0.403	10.912	0.045	9.857	0.028		281.030 034 03 281.028 567 94	+26.380 162 87 +26.380 490 68	6.84 6.84	2.09 2.09	-7.05 -7.05	1.30 94.00	1.66 116.72	1.94 1.94	1.43 1.43	1.73 1.73	A	284		4.87	
18443+2052	1	F CA	A 91916 B 91916	10.167 10.853	0.023 0.043						281.077 379 50 281.077 394 14	+20.871 611 24 +20.871 716 80	1.42 1.42	1.38 1.38	-6.14 -6.14	2.72 7.09	4.01 8.71	3.40 3.40	2.45 2.45	2.88 2.88	A	7		0.38	
18443+3938	1	L CA	A 91919 B 91919	5.056 6.191	0.004 0.011	5.161	0.007	5.021	0.005		281.084 738 83 281.084 625 19	+39.669 976 86 +39.670 675 76	20.10 20.10	10.55 1.66	60.23 47.24	0.75 3.20	0.79 5.04	0.76 0.76	0.73 1.67	0.85 3.40	A	352.87	2.536	-0.24	-0.012
	2	L CA	C 91926 D 91926	5.303 5.654	0.004 0.005	5.427	0.007	5.231	0.005		281.094 899 36 281.095 740 88	+39.612 595 57 +39.612 632 87	20.34 20.34	5.83 7.14	51.83 69.14	0.75 1.87	0.82 1.88	0.77 0.77	1.02 1.02	0.92 1.21	C	86.71	2.338	-0.42	+0.002
18443+6103	1	F CA	A 91915 B 91915	6.319 8.379	0.003 0.018	7.332	0.011	6.155	0.005		281.076 105 46 281.075 450 43	+61.048 096 33 +61.048 124 27	8.95 8.95	0.12 0.12	19.41 19.41	0.61 5.02	0.53 4.36	0.53 0.53	0.60 0.60	0.59 0.59	A	275.0		1.15	
18444-4657	1	F CA	A 91928 B 91928	8.645 11.319	0.012 0.138	8.651	0.012	8.592	0.015		281.098 857 10 281.097 559 34	-46.957 490 83 -46.958 023 70	-0.09 -0.09	4.70 4.70	-2.71 -2.71	2.11 37.81	1.51 21.39	2.09 2.09	2.57 2.57	1.70 1.70	A	239.0		3.72	
18445-0737	1	F CA	A 91933 C 91933	8.514 10.654	0.006 0.040	8.999	0.017	8.461	0.017		281.115 975 55 281.113 565 61	-7.618 489 78 -7.615 478 17	0.04 0.04	3.40 3.40	1.57 1.57	1.61 19.35	0.95 8.88	1.60 1.60	1.47 1.47	1.10 1.10	A	321.6		13.84	
18447-2548	1	F CA	A 91967 B 91967	8.431 8.920	0.005 0.008	8.651	0.013	8.067	0.013		281.185 199 27 281.185 559 34	-25.797 396 30 -25.797 199 21	17.98 17.98	5.64 5.64	-118.58 -118.58	2.06 5.61	1.15 2.86	1.89 1.89	2.41 2.41	1.39 1.39	A	58.1		1.34	
18448+5201	1	F CA	A 91969 B 91969	9.611 10.301	0.007 0.013						281.188 657 29 281.188 878 97	+52.009 114 83 +52.009 028 06	2.04 2.04	5.35 5.35	9.02 9.02	1.91 3.79	1.55 3.89	1.54 1.54	1.90 1.90	1.56 1.56	A	122.5		0.582	
18448-3323	1	F CA	A 91978 B 91978	8.473 8.777	0.022 0.029						281.211 679 69 281.211 618 50	-33.383 796 35 -33.383 734 43	7.86 7.86	34.67 34.67	-47.85 -47.85	3.35 5.31	2.65 3.75	1.33 1.33	2.82 2.82	1.52 1.52	A	320		0.289	
18449+2234	1	F CA	A 91988 B 91988	7.779 10.077	0.013 0.109						281.236 349 87 281.236 321 95	+22.562 223 01 +22.562 140 09	4.21 4.21	8.34 8.34	-15.69 -15.69	1.24 9.46	2.41 12.26	1.00 1.00	0.60 0.60	0.80 0.80	A	197		0.31	
18449-5029	1	F CA	A 91979 B 91979	8.851 11.745	0.008 0.109						281.212 834 50 281.212 648 20	-50.490 598 73 -50.490 684 54	4.43 4.43	-6.97 -6.97	-11.76 -11.76	2.40 43.47	1.77 30.34	1.98 1.98	2.42 2.42	1.60 1.60	A	234		0.53	
18450+4239	1	F CC	A 91994 B 91994	8.898 11.109	0.121 0.927						281.252 653 01 281.252 691 76	+42.643 753 23 +42.643 793 32	1.99 1.99	-8.73 -8.73	-17.62 -17.62	6.62 51.00	9.60 53.29	0.76 0.76	0.67 0.67	0.79 0.79	A	35		0.18	
18451+0639	1	F CB	A 92002 B 92002	7.972 11.220	0.018 0.351						281.281 997 81 281.282 019 79	+6.656 290 59 +6.656 237 75	2.33 2.33	1.55 1.55	-0.16 -0.16	1.82 39.01	2.39 39.68	1.06 1.06	0.92 0.92	0.77 0.77	A	158		0.21	
18451+3819	1	FND D	A 92007 B 92007	7.723 11.398	0.014 0.370	9.668	0.020	7.793	0.009		281.295 165 51 281.297 344 15	+38.315 169 09 +38.319 229 06	-0.08 -0.08	-7.33 -7.33	-46.66 -46.66	1.15 71.73	1.08 69.64	1.22 1.22	1.41 1.41	1.43 1.43	A	22.8		15.86	
18451+4608	1	F CA	A 91996 B 91996	7.928 10.729	0.004 0.052	7.940	0.007	7.910	0.010		281.265 261 22 281.262 595 12	+46.135 429 38 +46.136 891 47	5.14 5.14	3.11 3.11	13.46 13.46	0.78 11.50	0.83 12.42	0.81 0.81	0.88 0.88	0.94 0.94	A	308.4		8.48	
18452+3913	1	FNB G	A 92005 C 92006 B 92005	9.297 10.670 11.128	0.023 0.068 0.065	9.338	0.017	9.204	0.021		281.291 643 71 281.292 618 94 281.290 871 37	+39.225 780 70 +39.219 239 27 +39.226 378 19	-0.65 -0.65 -0.65	2.28 2.28 2.28	-0.06 -0.06 -0.06	1.51 11.21 10.92	1.68 13.16 12.10	1.71 1.71 1.71	1.51 1.51 1.51	2.03 2.03 2.03	A	173.41	23.71		3.04
18453-3318	1	F CA	A 92012 B 92012	9.377 11.511	0.007 0.043	9.867	0.026	9.288	0.026		281.316 623 69 281.316 645 18	-33.300 651 94 -33.301 206 52	4.38 4.38	4.49 4.49	-25.25 -25.25	2.52 22.68	1.61 11.10	2.42 2.42	4.46 4.46	2.32 2.32	A	178		2.00	
18453-3529	1	F CA	A 92018 S 92018	9.195 10.308	0.020 0.055						281.329 226 85 281.329 120 95	-35.483 728 68 -35.483 689 49	7.25 7.25	50.42 50.42	-26.62 -26.62	4.16 13.47	2.26 6.90	1.97 1.97	2.27 2.27	1.33 1.33	A	294		0.34	
18454+3634	1	F CA	A 92020 B 92020	7.152 9.516	0.014 0.125						281.340 443 50 281.340 499 76	+36.567 247 40 +36.567 314 62	4.70 4.70	-3.93 -3.93	2.27 2.27	2.01 14.01	2.37 11.82	0.75 0.75	0.63 0.63	0.88 0.88	A	34		0.29	
18455+0530	1	FNB G	A 92027 D 92027 C 92027	6.432 7.192 7.952	0.005 0.155 0.315	6.440	0.009	6.388	0.008		281.368 149 52 281.368 780 48 281.368 744 67	+5.500 123 01 +5.499 771 05 +5.499 799 27	4.60 4.60 4.60	15.54 15.54 15.54	1.96 1.96 1.96	1.13 9.77 20.47	0.84 8.12 16.08	1.10 1.10 1.10	1.07 1.07 1.07	0.86 0.86 0.86	A	119.3	2.59		0.16
18455+2815	1	F CA	A 92031 B 92031	8.341 10.589	0.006 0.045	9.486	0.014	8.273	0.009		281.378 169 79 281.380 490 25	+28.256 723 10 +28.255 460 56	3.05 3.05	16.69 16.69	9.89 9.89	0.91 9.20	1.11 11.13	1.29 1.29	1.01 1.01	1.26 1.26	A	121.7		8.65	
18457-1340	1	F CA	A 92044 B 92044	8.388 11.461	0.005 0.079	8.886	0.013	8.316	0.012		281.416 029 72 281.416 758 02	-13.671 149 04 -13.670 896 77	3.94 3.94	-1.86 -1.86	-40.93 -40.93	1.64 46.38	0.98 17.09	1.70 1.70	2.00 2.00	1.27 1.27	A	70.4		2.70	
18457-4226	1	F CA	A 92046 B 92046	8.805 10.218	0.132 0.484						281.422 355 94 281.422 350 44	-42.425 582 48 -42.425 544 08	2.53 2.53	8.81 8.81	6.51 6.51	4.18 17.33	9.69 27.18	1.27 1.27	1.32 1.32	0.85 0.85	A	354		0.14	
18458+3431	1	F CA	A 92060 B 92060	7.401 8.847	0.004 0.013	7.551	0.008	7.330	0.008		281.457 631 16 281.458 225 85	+34.518 473 46 +34.517 404 57	4.25 4.25	5.01 5.01	-14.01 -14.01	0.72 3.27	0.85 3.43	0.92 0.92	0.82 0.82	1.10 1.10	A	155.37		4.233	



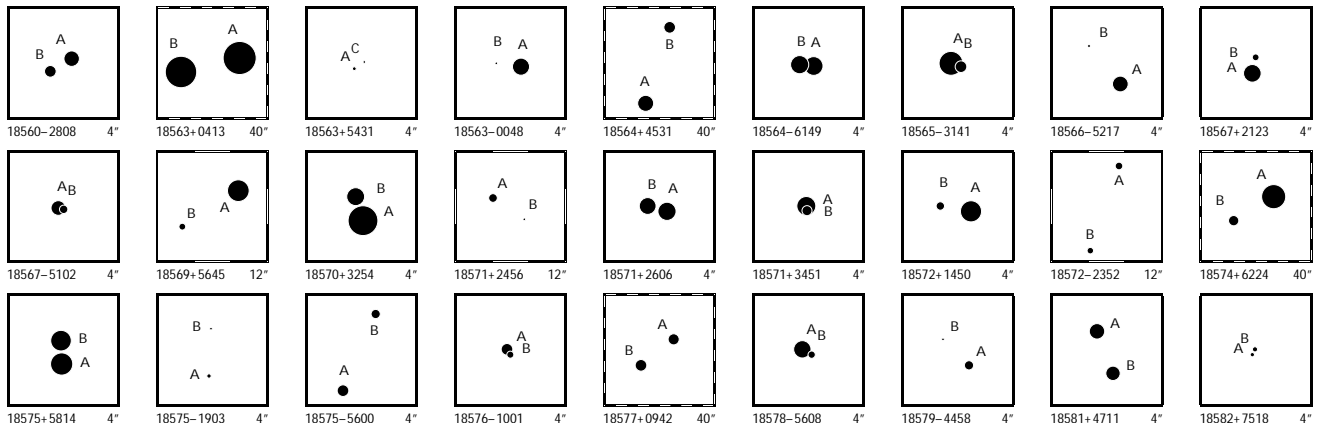
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18459-1030	1	FCA	A 92062 B 92062	7.372 0.004 8.633 0.012	7.801 0.007 9.412 0.052	7.346 0.007 8.425 0.037		281.463 853 69 281.463 396 32	-10.492 766 01 -10.491 710 61	3.04 3.04	3.84 3.84	-9.04 -9.04	1.39 6.61	0.87 2.83	1.33 1.33	1.49 1.49	1.08 1.08	A	336.9	4.130						
18459-4046	1	FCB	A 92063 B 92063	9.076 0.006 12.349 0.111	9.539 0.024	8.987 0.023		281.465 439 32 281.463 735 42	-40.773 149 04 -40.773 357 78	4.37 4.37	-14.07 -14.07	-26.87 -26.87	2.06 66.72	1.47 36.53	2.14 2.14	2.54 2.54	1.70 1.70	A	260.8	4.71						
18461-1529	1	FCB	A 92090 B 92090	8.540 0.006 11.856 0.116	8.678 0.011	8.495 0.013		281.524 075 16 281.523 453 59	-15.476 078 85 -15.475 679 46	2.49 2.49	5.38 5.38	0.04 0.04	2.02 82.70	1.14 24.09	1.81 1.81	1.85 1.85	1.28 1.28	A	304	2.59						
18462+4408	1	FCA	A 92096 B 92096	8.191 0.004 11.282 0.061				281.550 895 83 281.550 620 48	+44.135 625 20 +44.135 587 98	3.66 3.66	2.15 2.15	12.68 12.68	0.80 13.67	0.79 18.10	0.83 0.83	0.84 0.84	0.89 0.89	A	259	0.72						
18462+6412	1	LCA	A 92100 B 92100	8.942 0.005 10.011 0.013				281.555 682 82 281.555 382 76	+64.195 812 60 +64.196 014 27	11.08 11.08	18.81 14.50	-76.18 -62.21	1.27 4.39	1.25 3.92	1.08 1.08	1.07 3.12	1.05 2.45	A	327.1	0.865	+0.3	+0.014				
18463-2721	1	LCA	A 92104 B 92104	8.713 0.006 9.397 0.010				281.567 834 37 281.567 860 47	-27.346 207 62 -27.346 327 22	11.93 11.93	-23.82 -13.49	-61.24 -67.83	2.12 4.76	1.49 3.24	1.85 1.85	2.36 4.36	1.56 2.94	A	169	0.439	-1	+0.008				
18465-0058	1	ICA	A 92117 B 92118	5.923 0.005 7.648 0.020	6.045 0.003 7.804 0.008	5.893 0.004 7.484 0.010		281.619 094 63 281.622 127 71	-0.961 639 56 -0.963 444 34	12.62 13.11	20.00 26.87	-21.79 -15.03	1.75 11.88	1.30 8.31	1.48 7.71	1.67 8.82	1.36 7.26	A	120.83	12.71	-0.04	0.00				
18466+3821	1	LCA	A 92122 B 92122	8.666 0.030 9.424 0.060				281.644 263 79 281.644 182 77	+38.351 110 36 +38.351 136 54	27.01 27.01	21.89 7.64	-62.07 -109.25	3.64 6.61	2.78 6.25	0.93 0.93	1.58 2.99	2.72 5.61	A	292	0.247	-11	-0.005				
18466+4042	1	FCC	A 92124 B 92124	11.424 0.303 12.742 1.021				281.646 866 37 281.646 916 93	+40.695 289 46 +40.695 306 96	-0.39 -0.39	2.07 2.07	14.72 14.72	12.83 90.45	13.29 50.13	1.39 1.39	1.19 1.19	1.48 1.48	A	65	0.15						
18466-0807	1	FCA	A 92126 B 92126	7.489 0.004 8.240 0.008				281.652 806 54 281.652 725 04	-8.119 750 42 -8.119 655 28	6.93 6.93	20.13 20.13	2.44 2.44	1.47 3.88	1.02 2.70	1.24 1.24	1.20 1.20	0.91 0.91	A	320	0.449						
18468-1428	1	FCC	A 92140 B 92140	7.413 0.003 11.494 0.142	7.824 0.008	7.345 0.007		281.693 244 94 281.693 969 97	-14.464 731 37 -14.466 210 75	18.52 18.52	-43.43 -43.43	-267.81 -267.81	1.39 95.23	0.80 27.47	1.38 1.38	1.33 1.33	0.93 0.93	A	155	5.90						
18469+5920	1	FCA	A 92153 B 92153	8.657 0.006 8.985 0.008	8.990 0.025 9.381 0.031	8.462 0.020 8.788 0.027		281.735 526 80 281.736 443 66	+59.330 969 69 +59.330 991 52	7.23 7.23	47.69 47.69	54.60 54.60	1.40 2.75	1.29 2.94	1.24 1.24	1.55 1.55	1.63 1.63	A	87.3	1.685						
18471-6244	1	FCA	A 92172 B 92172	9.196 0.011 9.386 0.013	9.516 0.033 9.771 0.037	8.899 0.027 9.107 0.025		281.786 594 83 281.786 640 24	-62.732 536 22 -62.732 034 73	6.50 6.50	-12.94 -12.94	-50.07 -50.07	2.85 4.80	3.08 4.79	3.04 3.04	3.90 3.90	4.03 4.03	A	2.4	1.807						
18472+3124	1	FCA	A 92178 B 92178	7.514 0.004 9.561 0.028	8.492 0.008 9.536 0.038	7.414 0.006 9.081 0.040		281.804 519 94 281.803 249 59	+31.405 567 69 +31.405 509 12	3.99 3.99	0.48 0.48	16.04 16.04	0.76 5.57	0.81 7.12	0.94 0.94	0.83 0.83	0.85 0.85	A	266.9	3.91						
18472-1113	1	FCA	A 92179 B 92179	9.009 0.004 10.980 0.025	9.208 0.015	8.942 0.017		281.806 339 79 281.807 521 53	-11.216 219 92 -11.214 727 64	3.48 3.48	-1.92 -1.92	-23.01 -23.01	1.70 10.32	0.99 5.49	1.63 1.63	1.95 1.95	1.31 1.31	A	37.8	6.80						
18475+4926	1	FCA	A 92204 B 92204	7.369 0.008 10.159 0.104				281.873 206 26 281.873 118 61	+49.432 050 46 +49.431 973 80	4.14 4.14	13.60 13.60	-9.81 -9.81	1.34 16.75	1.41 15.42	0.79 0.79	0.78 0.78	0.83 0.83	A	217	0.34						
18477+3559	1	FCA	A 92221 B 92221	11.745 0.046 11.840 0.049				281.918 020 78 281.921 658 07	+35.992 781 92 +35.990 725 87	0.02 0.02	-1.59 -1.59	13.10 13.10	9.82 9.15	12.46 10.45	6.37 6.37	5.92 5.92	8.23 8.23	B	124.9	12.92						
18477+4904	1	LCA	A 92219 B 92219	6.838 0.003 8.995 0.020				281.917 149 01 281.916 997 10	+49.074 829 11 +49.074 714 52	6.92 6.92	16.58 -0.27	12.11 16.38	0.71 4.89	0.73 5.04	0.60 0.60	0.57 3.12	0.64 3.02	A	221.0	0.546	+1.6	+0.008				
18479-3210	1	FND	A 92238 B 92238	9.793 0.011 13.509 0.324	10.137 0.039	9.657 0.040		281.979 160 09 281.980 754 35	-32.170 087 72 -32.170 088 95	4.78 4.78	8.82 8.82	-8.23 -8.23	2.41 128.16	1.62 79.36	2.24 2.24	2.56 2.56	1.86 1.86	A	90	4.86						
18480-1009	1	FCB	A 92250 B 92250	8.639 0.018 11.831 0.333				282.006 037 13 282.006 035 81	-10.145 752 15 -10.145 667 71	34.92 34.92	57.76 57.76	-229.14 -229.14	2.75 46.43	4.12 30.40	1.77 1.77	2.01 2.01	1.64 1.64	A	359	0.30						
18480-1814	1	FCA	A 92245 B 92245	7.848 0.005 8.725 0.010				281.993 404 44 281.993 458 11	-18.228 685 40 -18.228 791 10	0.90 0.90	-1.44 -1.44	-0.72 -0.72	1.56 4.26	1.11 2.94	1.38 1.38	1.58 1.58	1.28 1.28	A	154	0.422						
18482+1039	1	FCB	A 92267 B 92267	8.315 0.007 11.929 0.176	9.511 0.022	8.278 0.014		282.057 588 07 282.056 854 72	+10.642 747 34 +10.644 794 73	1.35 1.35	0.51 0.51	4.03 4.03	1.44 49.74	1.17 44.29	1.59 1.59	1.57 1.57	1.21 1.21	A	340.6	7.81						
18485+7226	1	FDD	A 92284 B 92284	8.428 0.009 12.474 0.347	9.433 0.017	8.363 0.012		282.127 639 98 282.131 760 90	+72.433 018 87 +72.432 157 96	4.61 4.61	-6.72 -6.72	22.47 22.47	1.51 93.63	1.52 94.10	1.49 1.49	1.49 1.49	1.72 1.72	A	125	5.45						
18488-1836	1	LCA	A 92301 B 92301	7.031 0.005 7.836 0.009				282.189 213 91 282.189 251 04	-18.601 156 18 -18.601 272 24	4.10 4.10	1.34 9.01	2.61 6.74	1.71 3.86	1.28 2.31	1.46 1.46	1.80 3.00	1.12 1.91	A	163.1	0.437	-1.1	-0.002				
18488-3006	1	FND	A 92304 B 92304	8.996 0.011 13.201 0.496	9.807 0.025	8.947 0.019		282.197 838 29 282.199 097 07	-30.096 447 57 -30.097 618 91	13.20 13.20	-39.62 -39.62	-181.01 -181.01	1.82 130.09	1.17 82.52	1.77 1.77	1.80 1.80	1.18 1.18	A	137	5.76						
18489-2603	1	FCA	A 92314 B 92314	9.945 0.007 10.019 0.008	10.101 0.059 9.971 0.045	9.485 0.052 9.318 0.028		282.224 665 06 282.225 042 12	-26.046 977 25 -26.047 301 57	3.28 3.28	-0.37 -0.37	-25.61 -25.61	4.88 7.27	3.04 4.77	4.99 4.99	8.50 8.50	4.53 4.53	A	133.8	1.69						
18490+2110	1	FCA	A 92321 B 92321	7.259 0.003 9.423 0.023	7.187 0.005 9.407 0.033	7.234 0.006 9.272 0.042		282.240 970 57 282.241 749 64	+21.167 031 66 +21.167 968 21	1.26 1.26	3.65 3.65	-4.76 -4.76	0.66 4.83	0.79 6.48	1.07 1.07	0.78 0.78	0.88 0.88	A	37.8	4.27						



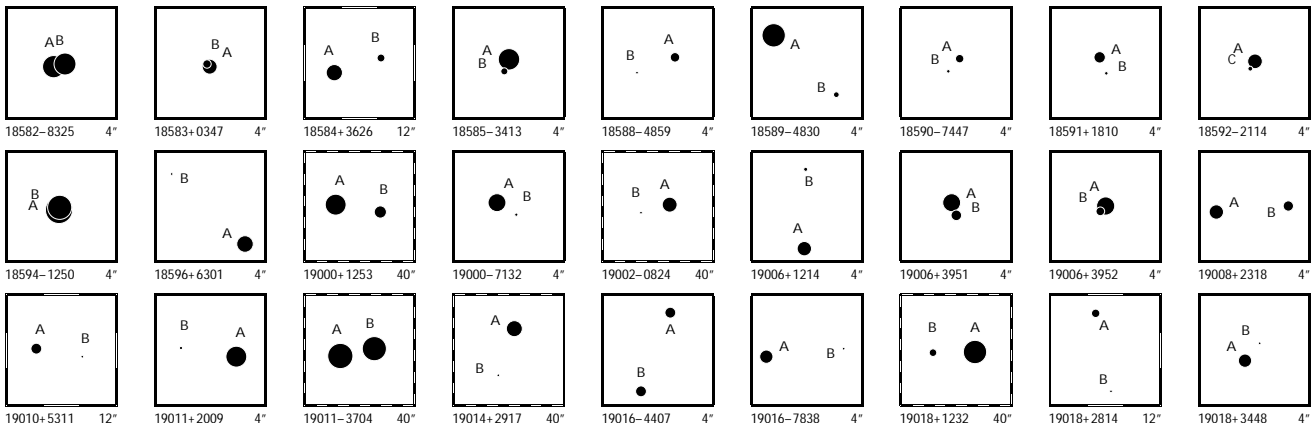
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18490-0827	1	F CA	A 92322 D 92322	8.079 0.083 9.587 0.335							282.245 961 17 282.245 905 07	-8.458 668 51 -8.458 673 52	0.52 0.52	-1.27 -3.93 -1.27 -3.93	8.89 2.38 1.06 26.98 9.51 1.06	1.01 0.82 1.01 0.82					A 265	0.20			
18491-8612	1	F CA	A 92332 B 92332	8.244 0.004 10.219 0.024	8.630 0.007 10.297 0.061	8.194 0.010 9.617 0.040					282.277 365 55 282.269 838 55	-86.195 257 37 -86.194 656 96	13.36 13.36	51.15 -60.52 51.15 -60.52	0.82 0.83 0.90 6.14 5.98 0.90	0.86 0.95 0.86 0.95					A 320.2	2.81			
18494-2905	1	F CA	A 92363 B 92363	9.896 0.009 10.256 0.013	10.069 0.037 10.206 0.050	9.448 0.033 9.605 0.071					282.359 869 70 282.360 176 41	-29.077 645 64 -29.078 154 74	9.35 9.35	9.36 -17.86 9.36 -17.86	3.77 2.32 2.89 7.23 3.64 2.89	5.77 3.21 5.77 3.21					A 152.2	2.071			
18495+1811	1	F CA	A 92374 B 92374	9.110 0.007 11.635 0.065							282.375 486 74 282.375 596 62	+18.187 065 71 +18.187 139 25	4.43 4.43	-2.75 9.00 -2.75 9.00	1.54 1.53 1.85 16.63 16.55 1.85	1.44 1.59 1.44 1.59					A 55	0.46			
18495-5043	1	F CA	A 92373 C 92373	10.171 0.016 11.074 0.035	10.819 0.067 10.819 0.067	10.069 0.057 10.069 0.057					282.374 597 34 282.376 158 56	-50.711 906 23 -50.709 050 36	9.10 9.10	-16.89 -59.48 -16.89 -59.48	4.06 2.79 3.87 12.52 9.26 3.87	5.17 2.98 5.17 2.98					A 19.1	10.88			
18497-3336	1	F CA	A 92392 B 92392	8.509 0.009 8.588 0.010							282.421 249 10 282.420 939 45	-33.597 820 23 -33.598 013 98	7.68 7.68	-17.55 -58.08 -17.55 -58.08	2.81 1.62 2.37 5.20 2.80 2.37	2.90 1.67 2.90 1.67					A 233.1	1.16			
18497-7300	1	F CA	A 92394 B 92394	6.224 0.002 8.171 0.011	6.223 0.006 7.866 0.016	6.199 0.005 7.806 0.014					282.431 984 64 282.430 136 84	-72.995 712 54 -72.995 704 40	4.43 4.43	2.07 -4.11 2.07 -4.11	0.47 0.57 0.69 3.51 4.88 0.69	0.46 0.55 0.46 0.55					A 270.9	1.946			
18499+2626	1	F CC	A 92410 B 92410	7.157 0.004 11.208 0.164	7.236 0.004 7.236 0.004	7.121 0.004 7.121 0.004					282.482 394 06 282.482 504 87	+26.425 101 35 +26.426 428 34	7.83 7.83	-1.34 23.07 -1.34 23.07	0.61 0.73 0.90 34.42 34.81 0.90	0.66 0.87 0.66 0.87					A 4.3	4.79			
18500+2043	1	F CA	A 92414 B 92414	9.736 0.011 11.164 0.038	10.116 0.025 10.116 0.025	9.712 0.027 9.712 0.027					282.501 264 78 282.501 044 91	+20.721 277 32 +20.720 009 79	-0.18 -0.18	-1.65 -7.62 -1.65 -7.62	1.81 1.90 2.28 9.91 10.51 2.28	2.31 2.31 2.31 2.31					A 189.2	4.62			
18500-5207	1	F CA	A 92412 B 92412	7.205 0.006 10.807 0.135							282.488 594 36 282.488 636 70	-52.122 002 79 -52.122 189 10	4.70 4.70	-12.59 -17.72 -12.59 -17.72	0.94 0.72 1.03 24.02 19.14 1.03	0.96 0.67 0.96 0.67					A 172	0.68			
18501-0823	1	F FD	D 92423 A 92423	8.993 0.138 10.159 0.404							282.523 234 34 282.523 208 23	-8.385 586 05 -8.385 559 94	0.21 0.21	0.76 -1.57 0.76 -1.57	10.27 9.91 1.20 17.51 15.38 1.20	1.26 0.98 1.26 0.98					A 315	0.13			
18502+1131	1	F CA	A 92434 B 92434	7.410 0.005 9.261 0.028	7.830 0.016 7.830 0.016	7.296 0.011 7.296 0.011					282.562 290 43 282.561 994 82	+11.522 664 23 +11.522 411 79	0.95 0.95	2.83 5.95 2.83 5.95	1.16 0.88 1.12 8.24 5.91 1.12	1.17 0.88 1.17 0.88					A 228.9	1.38			
18503-4509	1	I CA	A 92441 B 92437	9.997 0.014 11.777 0.062	10.289 0.038 10.289 0.038	9.964 0.044 9.964 0.044					282.581 822 07 282.576 813 44	-45.143 001 32 -45.141 127 50	1.68 0.65	3.48 -18.93 -7.00 18.78	4.11 3.03 3.37 32.06 24.18 13.34	4.56 2.98 16.64 16.64					A 297.9	14.40	+0.1	+0.03	
18507+3920	1	F CA	A 92468 B 92468	8.073 0.291 8.293 0.357							282.666 792 42 282.666 808 40	+39.340 157 38 +39.340 184 60	4.24 4.24	9.88 -1.18 9.88 -1.18	6.85 14.22 0.61 11.66 15.50 0.61	0.53 0.61 0.53 0.61					A 24	0.11			
18508+0842	1	F CB	A 92477 B 92477	8.998 0.008 12.353 0.166	9.479 0.019 9.479 0.019	8.941 0.019 8.941 0.019					282.696 564 07 282.697 356 88	+8.702 804 99 +8.703 704 93	0.47 0.47	-1.51 -1.24 -1.51 -1.24	1.62 1.27 1.82 39.04 33.56 1.82	1.64 1.39 1.64 1.39					A 41.0	4.30			
18508+1059	1	F CA	A 92475 B 92475	6.858 0.004 7.927 0.010	8.677 0.029 9.221 0.044	6.854 0.014 7.773 0.026					282.689 779 43 282.689 756 11	+10.976 376 90 +10.975 387 03	1.75 1.75	7.51 6.35 7.51 6.35	1.14 0.88 1.12 4.22 3.26 1.12	1.09 0.88 1.09 0.88					A 181.3	3.564			
18510+1501	1	F CB	A 92497 B 92497	9.632 0.357 10.366 0.702							282.755 405 08 282.755 384 42	+15.019 848 79 +15.019 883 58	3.65 3.65	7.79 -0.11 7.79 -0.11	12.24 24.03 1.36 33.51 42.60 1.36	1.13 1.04 1.13 1.04					A 330	0.14			
18510-1747	1	IND	D 92493 B 92492	8.515 0.005 10.096 0.015	8.610 0.012 10.553 0.053	8.461 0.014 10.005 0.055					282.753 362 63 282.750 086 51	-17.789 032 63 -17.781 419 64	3.52 10.54	4.91 -0.40 -0.79 10.22	2.05 1.30 1.75 8.96 4.69 5.08	1.02 1.36 6.70 4.41					A 337.72	29.62	0.00	+0.01	
18510-4104	1	I CA	A 92487 B 92490	6.484 0.004 9.352 0.057	6.384 0.007 9.144 0.024	6.472 0.007 9.153 0.033					282.744 363 44 282.748 074 13	-41.062 678 08 -41.062 417 83	1.84 -0.61	4.85 -3.69 -14.95 -12.28	1.66 1.08 1.45 25.55 17.56 9.73	1.81 1.16 18.36 12.21					A 84.7	10.12	0.0	-0.02	
18511-0617	1	LNC	G 92507 B 92507 C 92507	8.565 0.026 11.335 0.183 11.889 0.403	8.886 0.090 8.886 0.090	8.396 0.089 8.396 0.089					282.783 236 82 282.782 874 18 282.784 694 27	-6.279 168 26 -6.280 907 32 -6.281 087 02	-7.79 -7.79 -7.79	4.51 -5.80 -24.80 6.91 -424.00 -94.76	2.30 1.79 2.20 44.64 30.71 2.20 81.60 57.70 2.20	2.37 1.80 29.16 21.10 50.92 35.35					A 191.7 A 142.9	6.39 8.66	+0.3 +2.6	-0.01 -0.19	
18512+4644	1	F CA	A 92513 B 92513	8.377 0.213 8.870 0.335							282.799 975 59 282.799 961 59	+46.738 210 49 +46.738 175 59	3.24 3.24	0.02 1.28 0.02 1.28	5.94 14.14 0.70 9.30 17.33 0.70	0.86 0.88 0.86 0.88					A 195	0.13			
18514+6514	1	F CA	A 92526 B 92526	9.545 0.008 10.284 0.015	9.866 0.034 10.106 0.034	9.290 0.025 9.706 0.045					282.845 826 80 282.845 400 84	+65.227 598 41 +65.227 017 67	1.18 1.18	-3.18 4.34 -3.18 4.34	1.50 1.55 1.41 4.50 4.93 1.41	1.28 1.51 1.28 1.51					A 197.1	2.19			
18514-1441	1	F CA	A 92529 B 92529	8.363 0.004 10.686 0.034							282.848 645 16 282.848 853 89	-14.683 863 18 -14.683 851 58	2.49 2.49	-5.32 -10.00 -5.32 -10.00	1.31 0.85 1.35 10.23 7.06 1.35	1.53 1.17 1.53 1.17					A 87	0.73			
18516-6054	1	F CA	A 92547 B 92547	7.917 0.054 8.777 0.118							282.895 026 18 282.894 961 25	-60.895 696 71 -60.895 731 14	5.03 5.03	31.33 -33.50 31.33 -33.50	3.83 4.09 1.00 7.56 7.48 1.00	0.86 0.87 0.86 0.87					A 223	0.168			
18517+1331	1	F CA	A 92565 B 92565	8.522 0.008 9.761 0.025							282.932 212 99 282.932 319 95	+13.518 575 25 +13.518 837 05	3.51 3.51	13.41 0.77 13.41 0.77	1.55 1.33 1.58 6.22 5.90 1.58	1.99 1.51 1.99 1.51					A 21.7	1.01			
18517+5116	1	F CB	A 92556 B 92556	9.471 0.014 11.988 0.134	9.836 0.024 9.836 0.024	9.425 0.025 9.425 0.025					282.913 379 97 282.912 336 36	+51.264 035 97 +51.264 784 02	4.05 4.05	15.98 24.69 15.98 24.69	1.79 1.96 1.87 31.23 27.39 1.87	1.98 2.29 1.98 2.29					A 318.9	3.57			
18517-4714	1	F CA	A 92560 B 92560	9.711 0.042 10.825 0.116	10.082 0.033 10.082 0.033	9.503 0.032 9.503 0.032					282.922 221 35 282.925 415 44	-47.225 772 94 -47.222 871 87	5.99 5.99	2.79 -11.20 2.79 -11.20	6.58 5.06 6.59 31.61 22.73 6.59	7.27 5.59 7.27 5.59					A 36.8	13.04			



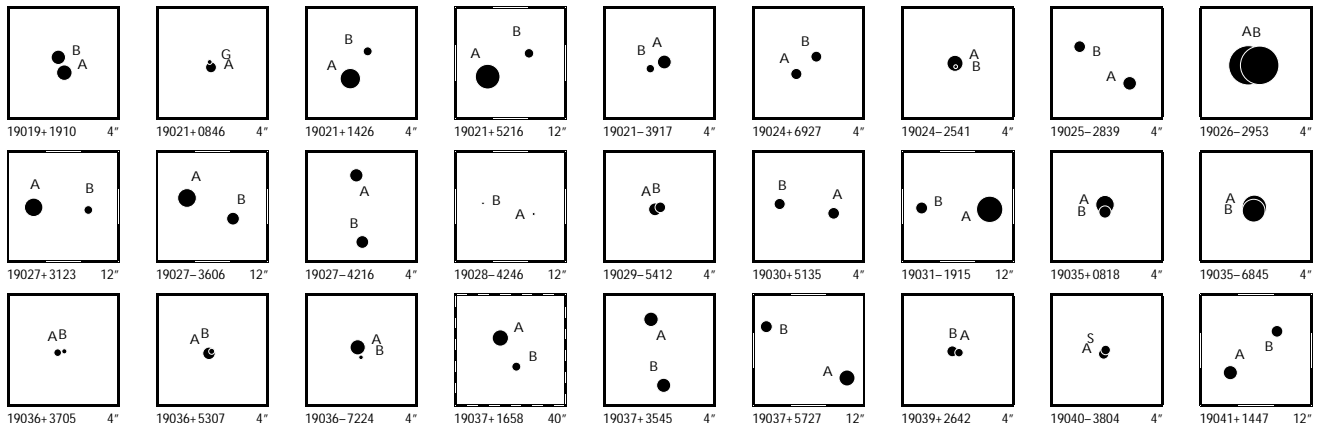
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18560-2808	1	F CA	A 92927 B 92927	8.569 9.399	0.006 0.012						283.995 023 83 283.995 266 20	-28.130 213 70 -28.130 344 46	10.39 10.39	16.21 16.21	-7.29 -7.29	2.15 7.19	1.18 3.22	1.77 1.77	2.83 2.83	1.55 1.55	A	121.5	0.90		
18563+0413	1	I CA	A 92946 B 92951	4.686 5.056	0.065 0.083	4.816 5.218	0.003 0.003	4.631 4.987	0.002 0.003		284.054 834 75 284.060 886 96	+4.203 529 56 +4.202 056 72	24.73 22.84	37.69 52.42	26.98 31.17	1.76 35.65	1.40 22.46	1.61 4.89	1.84 15.61	1.55 16.35	A	103.71	22.37	-0.02	+0.01
18563+5431	1	L CA	A 92952 B 92952	11.184 11.413	0.021 0.025						284.066 252 85 284.066 079 86	+54.530 873 18 +54.530 945 11	23.37 23.37	35.77 25.85	-350.08 -379.82	4.16 7.71	3.51 7.32	2.83 2.83	3.31 6.43	2.87 5.34	A	306	0.44	-4	-0.01
18563-0048	1	F ND	D A 92955 B 92955	8.239 11.583	0.006 0.109						284.073 907 52 284.074 160 85	-0.804 032 25 -0.803 999 57	6.59 6.59	16.23 16.23	2.74 2.74	1.44 35.53	1.02 26.13	1.45 1.45	1.35 1.35	1.04 1.04	A	83	0.92		
18564+4531	1	I NB	A 92962 B 92961	8.482 9.402	0.007 0.012	8.914 9.925	0.012 0.027	8.388 9.361	0.011 0.026		284.092 107 86 284.088 519 43	+45.506 902 99 +45.514 644 59	8.53 7.06	25.32 24.43	57.49 57.21	1.61 4.50	1.44 4.55	1.35 2.59	1.89 3.52	1.57 3.91	A	342.01	29.303	0.00	0.000
18564-6149	1	F CA	A 92964 B 92964	7.839 7.982	0.007 0.008						284.096 589 34 284.096 881 76	-61.819 225 98 -61.819 210 02	4.71 4.71	14.30 14.30	25.77 25.77	1.90 3.03	1.28 2.45	1.68 1.68	1.86 1.86	1.06 1.06	A	83.4	0.500		
18565-3141	1	F CA	A 92972 B 92972	6.698 9.400	0.011 0.137						284.113 461 59 284.113 344 26	-31.689 001 91 -31.689 035 23	4.46 4.46	8.80 8.80	-9.48 -9.48	2.27 29.61	1.19 15.64	1.30 1.30	1.60 1.60	0.95 0.95	A	252	0.38		
18566-5217	1	F CA	A 92979 B 92979	8.540 11.330	0.006 0.072	8.530	0.012	8.468	0.014		284.140 623 17 284.141 157 22	-52.287 962 35 -52.287 577 69	3.21 3.21	-2.15 -2.15	-20.87 -20.87	1.38 20.91	1.08 15.71	1.47 1.47	1.62 1.62	1.17 1.17	A	40	1.82		
18567+2123	1	F CA	A 92992 B 92992	8.123 10.498	0.004 0.031						284.171 897 55 284.171 863 74	+21.379 253 38 +21.379 416 41	2.38 2.38	4.76 4.76	8.24 8.24	0.67 5.77	0.91 8.24	1.20 1.20	0.76 0.76	1.01 1.01	A	349	0.60		
18567-5102	1	F CC	A 92991 B 92991	8.748 10.136	0.261 0.937						284.171 013 35 284.170 931 83	-51.027 333 96 -51.027 350 64	7.20 7.20	-9.72 -9.72	-27.54 -27.54	22.92 79.24	7.37 30.34	1.12 1.12	1.21 1.21	0.89 0.89	A	252	0.19		
18569+5645	1	F CA	A 93013 B 93013	7.221 10.513	0.004 0.072	7.547 10.803	0.007 0.063	7.167 10.086	0.007 0.054		284.229 908 74 284.233 050 96	+56.749 276 64 +56.748 167 00	7.05 7.05	36.77 36.77	40.62 40.62	0.70 16.50	0.68 15.47	0.64 0.64	0.76 0.76	0.81 0.81	A	122.8	7.38		
18570+3254	1	L CA	A 93017 B 93017	5.423 8.044	0.002 0.019						284.256 123 03 284.256 208 56	+32.901 623 51 +32.901 871 75	66.76 66.76	202.85 124.14	-143.97 -173.92	0.49 6.59	0.49 5.80	0.54 0.54	0.46 6.43	0.49 4.04	A	16.1	0.930	-4.1	-0.051
18571+2456	1	L NC	A 93030 B 93030	10.091 13.110	0.016 0.252	10.842	0.040	10.034	0.029		284.270 793 98 284.269 732 64	+24.925 347 14 +24.924 683 60	12.21 12.21	-83.00 -40.03	-94.82 -269.80	1.62 44.86	2.01 60.55	2.44 2.44	1.49 24.42	1.79 30.31	A	235.4	4.21	-2.3	+0.06
18571+2606	1	F CA	A 93038 B 93038	7.985 8.290	0.004 0.005						284.282 614 85 284.282 839 29	+26.095 874 01 +26.095 930 72	5.44 5.44	2.64 2.64	3.34 3.34	1.22 1.88	1.20 1.99	1.66 1.66	1.44 1.44	1.38 1.38	A	74.3	0.754		
18571+3451	1	F CA	A 93037 B 93037	7.798 9.784	0.055 0.342						284.281 490 58 284.281 486 73	+34.855 739 27 +34.855 694 27	13.73 13.73	-20.25 -20.25	-84.43 -84.43	2.31 14.69	4.90 21.80	0.64 0.64	0.57 0.57	0.63 0.63	A	184	0.16		
18572+1450	1	F CA	A 93044 B 93044	7.345 10.160	0.005 0.070	8.449	0.015	7.251	0.007		284.298 135 86 284.298 468 68	+14.833 003 85 +14.833 065 49	4.62 4.62	17.57 17.57	6.67 6.67	0.99 17.04	0.85 14.56	1.10 1.10	1.16 1.16	0.99 0.99	A	79	1.18		
18572-2352	1	I CA	A 93039 B 93040	10.310 10.589	0.013 0.017	10.601	0.057	10.311	0.073		284.288 443 00 284.289 414 84	-23.866 158 40 -23.868 758 17	-1.87 1.54	11.01 -14.16	-27.50 -22.99	8.28 15.82	5.36 9.45	5.78 6.67	12.63 22.84	8.20 13.84	A	161.1	9.89	+0.1	-0.01
18574+6224	1	F CB	A 93053 B 93053	6.659 9.710	0.010 0.142	7.651 10.564	0.009 0.049	6.580 9.613	0.005 0.035		284.322 232 49 284.331 011 89	+62.396 872 23 +62.394 310 68	10.70 10.70	5.86 5.86	-40.72 -40.72	0.75 30.55	0.63 31.74	0.65 0.65	0.90 0.90	0.68 0.68	A	122.2	17.31		
18575+5814	1	F CA	A 93068 B 93068	7.088 7.427	0.004 0.005						284.368 588 77 284.368 602 36	+58.224 916 47 +58.225 153 24	8.59 8.59	16.42 16.42	45.04 45.04	1.02 1.97	1.02 1.72	0.98 0.98	0.94 0.94	1.06 1.06	A	1.7	0.853		
18575-1903	1	F ND	D A 93072 B 93072	11.064 12.199	0.026 0.074						284.385 791 50 284.385 761 45	-19.046 635 55 -19.046 140 67	41.56 41.56	97.63 97.63	115.16 115.16	4.47 27.84	2.93 15.15	3.77 3.77	3.93 3.93	3.11 3.11	A	357	1.78		
18575-5600	1	L CA	A 93069 B 93069	9.432 9.958	0.008 0.013	11.285 11.734	0.071 0.111	9.583 10.059	0.027 0.042		284.377 497 32 284.376 896 07	-55.990 816 10 -55.990 032 45	79.14 79.14	1.09 33.50	-441.72 -446.53	2.85 7.79	2.55 5.49	3.01 3.01	2.42 6.56	2.17 4.86	A	336.8	3.070	+0.5	-0.017
18576-1001	1	F CA	A 93076 B 93076	9.435 10.425	0.051 0.128						284.398 745 22 284.398 713 26	-10.015 971 87 -10.016 028 90	4.39 4.39	7.60 7.60	10.14 10.14	5.21 13.58	5.90 11.29	1.46 1.46	1.58 1.58	1.19 1.19	A	209	0.23		
18577+0942	1	I NB	A 93084 B 93083	9.425 9.536	0.034 0.036	9.887	0.025	9.290	0.023		284.428 407 60 284.425 036 15	+9.698 044 34 +9.700 710 71	9.49 7.70	9.76 5.04	-19.26 -91.42	10.34 6.34	8.75 5.38	6.34 5.95	6.17 6.89	6.28 5.94	B	308.74	15.34	-0.22	-0.04
18578-5608	1	F CA	A 93090 B 93090	8.160 10.396	0.009 0.073						284.449 680 13 284.449 504 20	-56.126 701 37 -56.126 754 79	3.01 3.01	10.58 10.58	1.29 1.29	2.11 17.40	1.44 11.95	1.53 1.53	1.56 1.56	1.18 1.18	A	241	0.40		
18579-4458	1	F CB	A 93096 B 93096	9.957 12.709	0.010 0.120	10.730	0.055	9.829	0.041		284.486 040 44 284.486 420 51	-44.968 366 23 -44.968 095 48	15.51 15.51	25.08 25.08	-72.42 -72.42	2.24 48.21	1.49 25.16	2.18 2.18	2.62 2.62	1.73 1.73	A	45	1.37		
18581+4711	1	L CA	A 93108 B 93108	8.605 8.797	0.006 0.007	9.035 9.276	0.020 0.026	8.411 8.589	0.019 0.020		284.514 680 50 284.514 442 87	+47.191 844 61 +47.191 407 56	19.09 19.09	-65.26 -51.64	1.51 5.99	1.52 3.34	1.34 2.12	1.29 1.29	1.75 3.35	1.32 2.38	A	200.3	1.677	-0.4	-0.009
18582+7518	1	L CA	A 93119 B 93119	10.831 11.057	0.088 0.108						284.547 661 59 284.547 798 92	+75.301 865 39 +75.301 807 28	23.56 23.56	118.89 94.85	-89.63 -79.71	8.04 12.18	8.82 12.33	1.42 1.42	4.85 6.28	3.59 4.89	B	149	0.24	+4	-0.02



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
18582-8325	1	LCA	A 93117 B 93117	7.094 0.005 7.115 0.005				284.541 788 57 284.540 771 21	-83.422 166 71 -83.422 140 81	5.84 5.84	16.90 -13.03 15.94 -17.45	1.31 1.46 0.95 1.40 1.48 0.95	0.89 1.06 1.00 1.16	A 282.5	0.430	-0.6	0.000										
18583+0347	1	FCB	A 93128 B 93128	8.703 0.112 10.167 0.433				284.583 412 33 284.583 445 86	+3.779 790 91 +3.779 817 88	2.43 2.43	-0.38 -7.01 -0.38 -7.01	7.22 5.86 1.06 26.37 19.05 1.06	1.04 0.78 1.04 0.78	A 51	0.15												
18584+3626	1	FCA	A 93144 B 93144	8.403 0.005 10.262 0.023	8.640 0.011 10.560 0.055	8.329 0.012 9.989 0.055		284.610 370 56 284.608 567 86	+36.425 818 56 +36.426 260 07	5.25 5.25	6.48 26.99 6.48 26.99	0.82 1.00 0.99 5.11 6.58 0.99	0.77 1.07 0.77 1.07	A 286.9	5.46												
18585-3413	1	FCA	A 93149 B 93149	7.264 0.003 10.449 0.051				284.615 846 92 284.615 895 57	-34.214 650 91 -34.214 780 96	5.96 5.96	1.99 -4.66 1.99 -4.66	1.15 0.84 1.08 17.40 11.63 1.08	1.23 0.77 1.23 0.77	A 163	0.49												
18588-4859	1	FCA	A 93184 B 93184	9.900 0.011 12.679 0.133	10.605 0.044	9.719 0.032		284.710 137 62 284.710 129 99	-48.980 856 42 -48.981 008 30	6.76 6.76	-1.72 -10.48 -1.72 -10.48	2.80 2.00 2.76 52.99 30.08 2.76	3.40 2.14 3.40 2.14	A 111	1.50												
18589-4830	1	FCB	A 93188 B 93188	6.833 0.003 10.728 0.113	8.423 0.011	6.785 0.007		284.720 818 49 284.719 847 02	-48.505 913 49 -48.506 518 34	5.55 5.55	1.87 -4.07 1.87 -4.07	1.01 0.74 0.98 30.90 18.36 0.98	1.11 0.73 1.11 0.73	A 226.8	3.18												
18590-7447	1	FCA	A 93199 B 93199	10.125 0.010 11.225 0.026				284.755 432 83 284.755 857 75	-74.781 980 27 -74.782 109 75	5.19 5.19	86.36 -127.95 86.36 -127.95	1.82 2.24 2.44 6.03 7.53 2.44	1.69 2.08 1.69 2.08	A 139	0.62												
18591+1810	1	FCA	A 93205 B 93205	9.509 0.009 11.200 0.044				284.774 703 36 284.774 632 95	+18.168 180 06 +18.168 015 34	7.06 7.06	-20.64 -32.41 -20.64 -32.41	1.85 2.18 2.55 11.87 10.94 2.55	1.95 2.26 1.95 2.26	A 202	0.64												
18592-2114	1	FCA	A 93213 B 93213 C 93213	8.735 0.016 10.914 0.119				284.804 804 71 284.804 853 72	-21.230 642 49 -21.230 721 02	1.44 1.44	-1.52 -6.51 -1.52 -6.51	3.38 3.14 1.64 21.46 14.98 1.64	2.92 1.75 2.92 1.75	A 150	0.33												
18594-1250	1	LCA	A 93225 B 93225	5.976 0.120 6.639 0.220				284.849 179 93 284.849 172 02	-12.840 471 83 -12.840 445 09	6.34 6.34	-9.03 -23.09 13.63 -21.24	3.44 6.13 0.80 5.94 8.93 0.80	2.10 1.23 3.46 2.12	A 344	0.100	+13	-0.005										
18596+6301	1	FCB	A 93241 B 93241	8.343 0.007 11.887 0.169	8.586 0.011	8.275 0.012		284.892 291 31 284.893 941 45	+63.014 237 68 +63.014 962 07	7.48 7.48	19.85 -12.25 19.85 -12.25	1.21 1.12 1.11 35.02 49.14 1.11	1.25 1.24 1.25 1.24	A 46	3.75												
19000+1253	1	LCA	A 93273 B 93268	7.379 0.015 9.318 0.062	9.485 0.022 9.302 0.022	7.426 0.009 9.179 0.027		284.994 826 83 284.990 145 11	+12.890 034 95 +12.889 285 89	-0.34 -1.03	-2.99 -6.50 -4.75 -2.59	2.38 1.67 1.93 23.08 17.66 11.08	2.15 1.54 11.65 8.40	A 260.68	16.65	+0.01	0.00										
19000-7132	1	FCA	A 93271 B 93271	8.030 0.003 11.303 0.050				284.992 863 99 284.992 253 95	-71.534 729 85 -71.534 851 64	5.30 5.30	6.95 -26.02 6.95 -26.02	0.60 0.83 1.04 14.22 22.59 1.04	0.63 0.83 0.63 0.83	A 238	0.82												
19002-0824	1	FCA	A 93298 B 93298	8.729 0.008 11.416 0.084	8.796 0.015	8.725 0.020		285.054 933 81 285.057 869 03	-8.395 413 50 -8.396 212 08	2.56 2.56	-1.91 -7.24 -1.91 -7.24	1.47 1.05 1.59 24.18 15.25 1.59	1.61 1.12 1.61 1.12	A 105.4	10.84												
19006+1214	1	FCA	A 93330 B 93330	8.806 0.007 11.111 0.053	9.062 0.018	8.754 0.019		285.143 228 18 285.143 215 06	+12.226 181 42 +12.227 000 67	5.34 5.34	1.00 2.34 1.00 2.34	1.60 1.25 1.72 15.33 9.82 1.72	1.75 1.34 1.75 1.34	A 359.1	2.95												
19006+3951	1	FCA	A 93329 B 93329	8.061 0.004 9.674 0.018				285.142 601 54 285.142 539 94	+39.844 943 51 +39.844 812 16	4.21 4.21	1.36 0.37 1.36 0.37	0.86 1.05 0.91 4.64 4.54 0.91	0.85 1.05 0.85 1.05	A 200	0.503												
19006+3952	1	LCA	A 93335 B 93335	7.970 0.022 10.074 0.150				285.148 842 42 285.148 909 89	+39.866 273 68 +39.866 223 86	4.08 4.08	0.17 -3.05 18.53 20.11	3.02 2.51 0.85 15.38 13.20 0.85	1.28 1.27 7.51 7.01	A 134	0.26	-7	0.00										
19008+2318	1	FCA	A 93343 B 93343	8.832 0.007 9.722 0.016	8.912 0.012 9.676 0.025	8.730 0.014 9.400 0.023		285.190 773 66 285.189 970 63	+23.295 493 68 +23.295 554 36	1.72 1.72	-1.54 6.28 -1.54 6.28	1.25 1.43 1.80 4.59 4.72 1.80	1.44 1.60 1.44 1.60	A 274.7	2.66												
19010+5311	1	FCC	A 93360 B 93360	9.618 0.011 12.827 0.202	10.078 0.026	9.558 0.025		285.247 749 50 285.245 370 64	+53.184 225 27 +53.183 980 20	6.79 6.79	7.98 29.87 7.98 29.87	1.78 1.73 1.75 58.62 59.30 1.75	1.95 2.01 1.95 2.01	A 260	5.21												
19011+2009	1	FCC	A 93379 B 93379	7.397 0.003 11.274 0.098	7.402 0.005	7.375 0.005		285.286 817 02 285.287 420 86	+20.157 543 17 +20.157 634 08	2.25 2.25	0.20 -6.66 0.20 -6.66	0.65 0.72 1.07 22.90 32.13 1.07	0.86 0.87 0.86 0.87	A 81	2.07												
19011-3704	1	INB	A 93371 B 93368	6.390 0.025 6.683 0.031	6.370 0.008 6.660 0.006	6.399 0.007 6.690 0.007		285.267 922 64 285.263 547 36	-37.061 504 46 -37.060 851 42	12.92 7.45	-4.72 -20.88 -5.11 -19.11	4.77 2.97 3.91 16.09 8.92 7.69	7.38 3.81 16.13 7.90	A 280.59	12.79	+0.01	0.00										
19014+2917	1	IND	A 93409 B 93410	8.461 0.020 11.824 0.381	8.400 0.018	8.493 0.025		285.361 463 74 285.363 327 62	+29.287 412 15 +29.282 586 89	3.50 2.46	2.38 -4.32 1.15 -50.85	1.43 1.58 1.64 86.36 100.93 66.58	1.39 1.67 50.98 64.29	A 161.4	18.33	+0.1	+0.04										
19016-4407	1	FND	A 93424 B 93424	9.570 0.007 9.578 0.008	9.825 0.023 9.873 0.025	9.357 0.020 9.391 0.022		285.411 190 64 285.410 774 30	-44.109 970 42 -44.109 165 45	2.51 2.51	-10.33 -47.67 -10.33 -47.67	3.90 2.86 3.46 3.09 2.58 3.46	3.72 2.08 3.72 2.08	B 339.6	3.091												
19016-7838	1	FCA	A 93416 B 93416	9.054 0.008 12.328 0.159	10.303 0.025	8.988 0.014		285.388 445 19 285.384 447 71	-78.629 724 14 -78.629 641 93	3.12 3.12	9.19 -4.88 9.19 -4.88	1.16 1.30 1.51 29.97 35.13 1.51	1.32 1.42 1.32 1.42	A 276	2.85												
19018+1232	1	FCD	A 93438 B 93438	6.852 0.005 10.343 0.121	6.876 0.005 10.529 0.055	6.821 0.006 10.442 0.087		285.452 503 71 285.456 958 04	+12.540 975 60 +12.540 893 48	3.32 3.32	2.38 -11.04 2.38 -11.04	0.99 0.77 1.09 35.14 30.75 1.09	1.01 0.80 1.01 0.80	A 91.1	15.66												
19018+2814	1	FCA	A 93436 B 93436	10.133 0.011 12.117 0.067	10.750 0.039	10.100 0.034		285.444 159 04 285.443 611 47	+28.236 858 14 +28.234 459 41	6.40 6.40	-16.68 -49.84 -16.68 -49.84	1.41 1.68 2.05 12.82 15.14 2.05	1.67 1.91 1.67 1.91	A 191.4	8.81												
19018+3448	1	FCA	A 93440 B 93440	9.031 0.005 12.056 0.072				285.454 686 23 285.454 491 16	+34.808 315 59 +34.808 490 35	1.74 1.74	1.04 -2.41 1.04 -2.41	1.02 1.11 1.22 20.17 20.56 1.22	1.21 1.21 1.21 1.21	A 317	0.85												

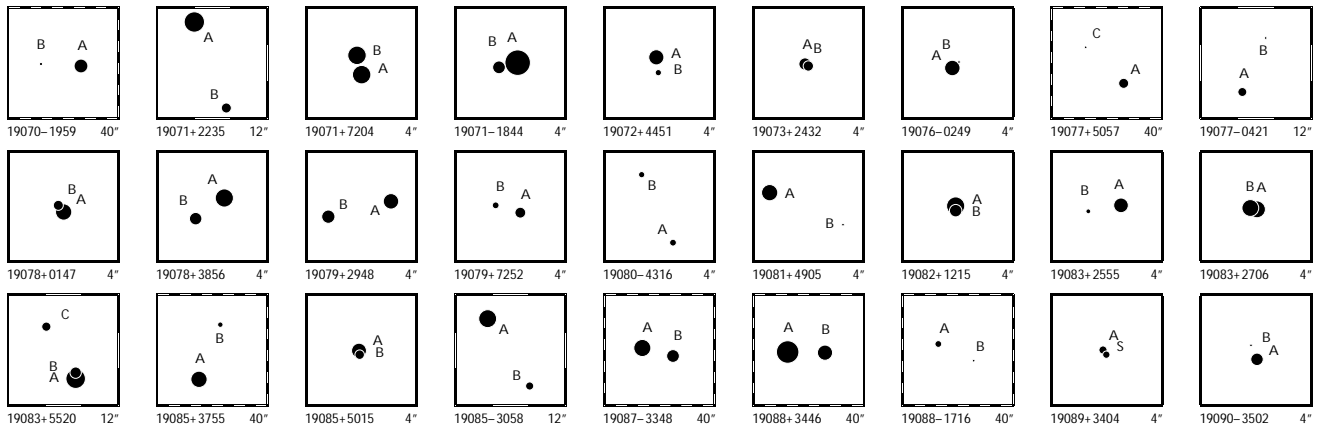


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19019+1910	1	F CA	A 93448 B 93448	8.570 0.006 8.816 0.007							285.471 559 53 +19.169 864 72 285.471 620 61 +19.170 024 50	12.15 12.15	-26.82 21.37 -26.82 21.37	2.40 2.85 2.46 2.67 3.20 4.22 3.77 2.46 2.67 3.20	A 19.9 0.612										
19021+0846	1	F CB	A 93468 G 93468	9.601 0.239 10.933 0.814							285.533 616 10 +8.759 202 41 285.533 631 41 +8.759 259 21	7.07 7.07	32.15 -1.63 32.15 -1.63	17.85 21.17 1.79 2.06 1.79 80.17 68.66 1.79 2.06 1.79	A 15 0.21										
19021+1426	1	F CA	A 93461 B 93461	7.518 0.007 10.047 0.068	7.598 0.009	7.414 0.010					285.520 351 89 +14.429 855 57 285.520 173 19 +14.430 137 29	2.67 2.67	0.94 -2.09 0.94 -2.09	1.12 0.88 1.08 1.27 1.00 14.93 11.30 1.08 1.27 1.00	A 328 1.19										
19021+5216	1	F CA	D A 93466 B 93466	6.560 0.003 9.891 0.068	7.685 0.008	6.494 0.005	10.081 0.043	9.506 0.040			285.529 336 04 +52.261 137 40 285.527 263 03 +52.261 851 69	5.08 5.08	-7.47 -32.73 -7.47 -32.73	0.64 0.61 0.64 0.67 0.71 15.31 13.43 0.64 0.67 0.71	A 299.4 5.24										
19021-3917	1	F CA	A 93465 B 93465	8.955 0.006 10.111 0.017							285.525 351 92 -39.290 244 47 285.525 540 22 -39.290 312 08	14.97 14.97	-3.95 -61.46 -3.95 -61.46	2.60 1.80 2.56 3.65 2.28 9.55 7.26 2.56 3.65 2.28	A 115 0.58										
19024+6927	1	L CA	A 93490 B 93490	9.554 0.006 9.600 0.006							285.594 418 99 +69.441 745 81 285.593 819 22 +69.441 928 15	12.18 12.18	1.96 -22.25 11.79 -25.03	2.18 2.10 1.72 2.12 1.95 3.50 3.76 1.72 3.31 3.10	A 310.9 1.003 +0.2 -0.009										
19024-2541	1	F ND	D A 93492 B 93492	8.465 0.077 11.159 0.924							285.600 306 94 -25.688 565 88 285.600 298 98 -25.688 607 43	3.96 3.96	4.12 6.34 4.12 6.34	2.74 4.10 1.10 1.14 0.66 33.50 82.77 1.10 1.14 0.66	A 190 0.15										
19025-2839	1	F CA	A 93500 B 93500	8.982 0.007 9.410 0.011	9.418 0.021	8.835 0.026	9.896 0.026	9.152 0.028			285.633 603 58 -28.644 519 30 285.634 186 21 -28.644 149 57	8.19 8.19	-11.34 -105.06 -11.34 -105.06	2.97 1.95 3.22 4.02 2.76 5.45 3.41 3.22 4.02 2.76	A 54.1 2.272										
19026-2953	1	L CA	W A 93506 B 93506	3.274 0.008 3.484 0.009							285.653 014 28 -29.880 114 29 285.652 885 20 -29.880 107 74	36.61 36.61	-14.10 3.66 -99.83 -44.26	2.52 1.61 1.37 2.62 2.00 6.41 5.22 1.37 5.73 5.50	A 273 0.40 -8 +0.08										
19027+3123	1	L CA	A 93514 B 93514	7.903 0.004 10.090 0.031	8.169 0.009	7.842 0.009	11.083 0.080	9.780 0.037			285.671 925 37 +31.399 585 07 285.669 965 28 +31.399 486 90	7.27 7.27	-8.47 -8.60 -21.32 -32.94	0.93 1.05 1.10 0.91 0.99 10.12 10.85 1.10 6.80 7.37	A 266.6 6.03 -0.2 +0.01										
19027-3606	1	F CA	A 93515 B 93515	7.862 0.006 9.194 0.021	9.257 0.061	8.985 0.071					285.677 770 70 -36.096 465 48 285.676 050 85 -36.097 094 18	3.29 3.29	9.91 -6.52 9.91 -6.52	1.94 1.06 1.76 2.24 1.28 8.22 4.26 1.76 2.24 1.28	A 245.7 5.49										
19027-4216	1	F CA	A 93513 B 93513	9.071 0.007 9.152 0.007	9.462 0.024	8.965 0.023	9.578 0.021	9.049 0.024			285.669 548 81 -42.266 553 38 285.669 461 90 -42.267 231 36	9.63 9.63	36.65 -27.08 36.65 -27.08	3.04 2.01 2.99 3.65 2.05 5.74 4.39 2.99 3.65 2.05	A 185.4 2.45										
19028-4246	1	F CA	A 93521 B 93521	11.344 0.014 12.663 0.045							285.707 863 79 -42.768 270 62 285.709 977 08 -42.767 912 09	23.08 23.08	94.71 -55.32 94.71 -55.32	4.68 3.29 5.09 5.47 3.53 23.61 14.21 5.09 5.47 3.53	A 77.0 5.73										
19029-5412	1	F CA	A 93524 B 93524	9.197 0.051 9.641 0.076							285.719 363 93 -54.208 188 20 285.719 269 46 -54.208 169 50	10.11 10.11	1.70 -59.32 1.70 -59.32	5.62 3.48 1.51 1.58 1.54 8.48 6.25 1.51 1.58 1.54	A 289 0.21										
19030+5135	1	F CA	A 93530 B 93530	9.393 0.007 9.522 0.007	9.692 0.034	9.094 0.032	9.750 0.031	9.236 0.032			285.741 909 35 +51.589 351 24 285.742 801 46 +51.589 450 66	9.84 9.84	-7.79 32.10 -7.79 32.10	1.95 1.86 1.86 2.06 2.04 3.32 3.37 1.86 2.06 2.04	A 79.8 2.027										
19031-1915	1	F CA	A 93537 B 93537	6.181 0.003 9.362 0.058	7.628 0.009	6.146 0.004	9.422 0.036	9.003 0.040			285.765 847 73 -19.245 658 29 285.768 067 89 -19.245 605 54	2.20 2.20	2.63 -11.42 2.63 -11.42	0.90 0.59 0.88 0.91 0.60 18.90 11.36 0.88 0.91 0.60	A 88.6 7.55										
19035+0818	1	F CA	A 93578 B 93578	7.895 0.020 9.292 0.071							285.882 608 39 +8.293 818 79 285.882 615 63 +8.293 742 12	5.78 5.78	8.56 -13.44 8.56 -13.44	1.59 3.07 1.09 1.11 0.98 5.76 8.84 1.09 1.11 0.98	A 175 0.28										
19035-6845	1	F CA	A 93574 B 93574	6.576 0.088 6.957 0.125							285.873 673 86 -68.755 519 64 285.873 685 96 -68.755 551 73	17.65 17.65	-20.83 -4.46 -20.83 -4.46	3.68 5.94 0.78 0.48 0.54 7.68 6.97 0.78 0.48 0.54	A 172 0.12										
19036+3705	1	F CA	A 93588 B 93588	10.334 0.045 10.873 0.073							285.895 766 81 +37.083 315 60 285.895 689 62 +37.083 328 10	5.11 5.11	-5.11 -5.74 -5.11 -5.74	4.85 2.96 1.16 1.13 1.14 8.10 6.76 1.16 1.13 1.14	A 281 0.23										
19036+5307	1	F CC	A 93592 B 93592	9.240 0.286 10.692 1.088							285.907 519 80 +53.116 377 90 285.907 475 70 +53.116 396 66	3.04 3.04	-3.74 -16.70 -3.74 -16.70	11.34 11.46 0.81 0.78 0.89 53.83 36.96 0.81 0.78 0.89	A 305 0.12										
19036-7224	1	F CA	A 93584 B 93584	8.666 0.009 10.988 0.078							285.889 846 89 -72.391 603 69 285.889 725 32 -72.391 702 84	9.38 9.38	-0.36 -130.64 -0.36 -130.64	1.26 1.93 1.44 0.87 1.15 11.02 13.52 1.44 0.87 1.15	A 200 0.38										
19037+1658	1	I NB	A 93601 B 93600	8.423 0.014 10.047 0.061	10.275 0.038	8.455 0.016	10.501 0.056	9.951 0.057			285.925 912 47 +16.966 234 78 285.924 236 60 +16.963 329 62	2.67 4.16	-18.63 -73.23 16.24 -10.11	2.58 2.33 2.66 2.80 3.01 17.33 15.68 12.74 12.86 14.05	A 208.9 11.94 0.0 -0.07										
19037+3545	1	F CA	A 93596 B 93596	8.792 0.007 8.892 0.007	8.932 0.015	8.664 0.016	8.968 0.012	8.735 0.017			285.915 338 38 +35.743 267 34 285.915 177 59 +35.742 596 44	3.98 3.98	-1.78 0.82 -1.78 0.82	1.40 1.38 1.46 1.21 1.35 2.13 3.09 1.46 1.21 1.35	A 191.0 2.461										
19037+5727	1	I CA	A 93595 B 93598	8.441 0.009 9.359 0.015	8.478 0.013	8.433 0.016	9.437 0.021	9.180 0.023			285.914 737 64 +57.457 172 59 285.919 334 09 +57.458 773 82	5.63 10.14	4.79 3.74 1.69 4.59	1.84 1.85 1.45 1.72 1.86 5.45 5.23 3.75 3.99 4.43	A 57.07 10.605 -0.01 -0.002										
19039+2642	1	F CA	A 93615 B 93615	9.583 0.035 10.152 0.059							285.963 235 01 +26.693 928 42 285.963 162 02 +26.693 913 42	6.99 6.99	-7.66 -76.82 -7.66 -76.82	4.18 2.88 1.46 1.25 1.36 6.99 6.32 1.46 1.25 1.36	B 257 0.241										
19040-3804	1	F CA	A 93625 S 93625	9.711 0.119 9.915 0.144							285.993 486 15 -38.067 244 17 285.993 460 15 -38.067 199 22	9.89 9.89	11.74 -30.81 11.74 -30.81	6.69 10.44 1.59 2.76 1.51 8.76 9.74 1.59 2.76 1.51	A 336 0.18										
19041+1447	1	F FC	A 93635 B 93635	8.896 0.016 9.428 0.026	9.423 0.025	8.906 0.024	9.771 0.031	9.246 0.030			286.017 596 05 +14.783 842 45 286.016 095 36 +14.785 117 01	-11.78 -11.78	2.42 1.21 2.42 1.21	9.93 4.75 6.45 8.47 4.71 19.68 15.18 6.45 8.47 4.71	A 311.3 6.95										



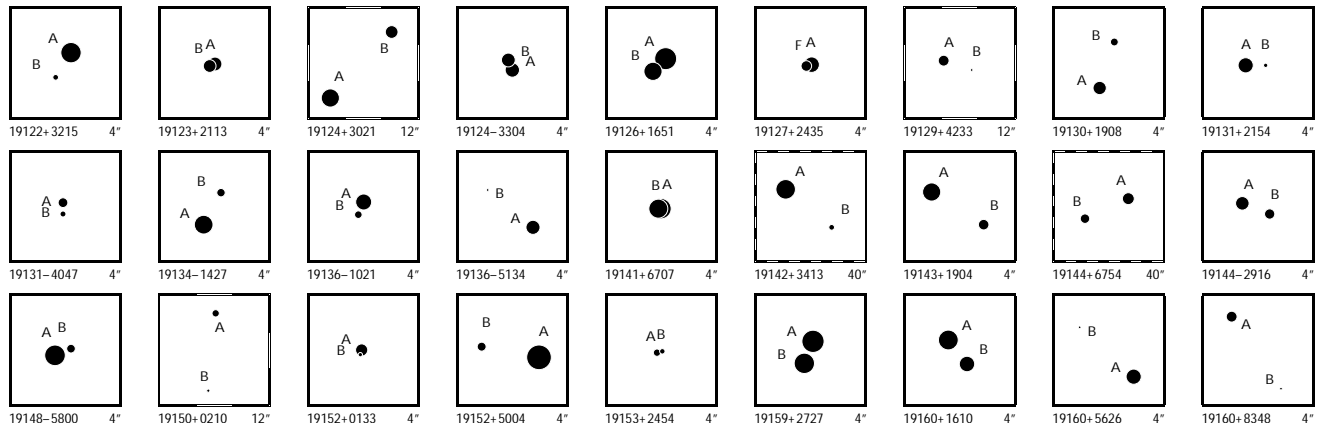
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt						
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
19041-6347	1	F	C	A	93637	7.687	0.005	7.061	0.056	7.110	0.058	286.025	429 39	-63.784	661 09	4.17	10.99	-12.55	1.86	1.28	1.66	1.77	1.14	B	292.4	1.714			
				A	93637	7.735	0.005	7.501	0.022	7.587	0.023	286.024	432 93	-63.784	479 81	4.17	10.99	-12.55	2.11	2.64	1.66	1.77	1.14						
19042-2254	1	F	C	A	93649	6.935	0.003	7.078	0.009	6.892	0.007	286.059	156 37	-22.896	506 48	4.48	-4.34	-4.50	1.18	0.79	1.06	1.91	0.97	A	308.46	7.99			
				B	93649	9.128	0.022	9.736	0.109	9.164	0.098	286.057	270 90	-22.895	126 84	4.48	-4.34	-4.50	8.24	4.08	1.06	1.91	0.97						
19043+4353	1	F	C	A	93656	7.071	0.002	7.009	0.006	7.031	0.006	286.065	523 32	+43.880	376 16	5.28	-0.17	15.20	0.55	0.63	0.62	0.58	0.76	A	172.1	2.03			
				B	93656	10.213	0.041					286.065	631 46	+43.879	816 36	5.28	-0.17	15.20	8.99	8.82	0.62	0.58	0.76						
19043-2132	1	F	C	A	93661	7.907	0.007					286.084	374 83	-21.531	360 30	18.45	63.91	-40.80	3.88	2.43	3.22	4.13	2.41	A	199.1	1.23			
				B	93661	8.162	0.009					286.084	255 01	-21.531	682 36	18.45	63.91	-40.80	11.13	9.00	3.22	4.13	2.41						
19044-0541	1	F	C	B	D	A	93666	7.209	0.082			286.100	629 63	-5.684	821 61	2.70	6.15	0.07	4.12	7.03	0.93	0.72	0.54	A	173	0.17			
				B	93666	7.351	0.093					286.100	635 42	-5.684	867 56	2.70	6.15	0.07	4.84	7.98	0.93	0.72	0.54						
19047+2320	1	I	C	A	93680	7.280	0.006	7.344	0.005	7.243	0.006	286.160	429 90	+23.329	295 31	3.59	2.13	-5.37	1.16	1.37	1.59	1.37	1.75	A	262.39	12.43	0.00	0.00	
				B	93678	8.983	0.027	8.982	0.012	8.838	0.014	286.156	701 66	+23.328	838 00	4.00	3.70	-5.11	7.93	8.48	5.14	4.73	5.61						
19047-5423	1	F	C	A	93684	9.705	0.014	10.140	0.028	9.614	0.027	286.171	646 91	-54.383	369 89	4.14	6.24	-36.20	2.01	1.61	2.34	2.20	2.01	A	144.2	16.61			
				B	93684	11.807	0.091					286.176	286 61	-54.387	109 82	4.14	6.24	-36.20	30.20	27.65	2.34	2.20	2.01						
19049+0433	1	F	C	B	A	93706	8.938	0.115				286.220	251 62	+4.542	803 76	3.12	-0.33	-13.64	4.48	7.85	1.03	0.92	0.68	A	145	0.14			
				B	93706	11.006	0.773					286.220	274 38	+4.542	771 60	3.12	-0.33	-13.64	40.32	37.34	1.03	0.92	0.68						
19049+7945	1	F	C	A	93711	9.808	0.013	10.975	0.044	9.715	0.025	286.228	479 20	+79.754	662 42	30.79	-12.63	194.88	2.21	2.10	2.08	2.09	2.11	A	280	3.62			
				B	93711	13.234	0.294					286.222	911 88	+79.754	830 37	30.79	-12.63	194.88	95.91	61.05	2.08	2.09	2.11						
19050+2114	1	F	N	C	A	93721	8.228	0.006	9.599	0.014	8.198	0.008	286.246	174 27	+21.240	052 64	5.77	-24.68	-9.20	1.07	1.24	1.66	1.18	1.48	A	340.9	4.56		
				B	93721	11.786	0.147					286.245	729 45	+21.241	248 91	5.77	-24.68	-9.20	31.88	37.61	1.66	1.18	1.48						
19050-0709	1	I	C	A	93724	8.619	0.013	8.602	0.012	8.552	0.015	286.250	526 29	-7.141	887 22	1.73	-2.47	-0.44	3.13	2.08	2.89	3.26	2.36	A	198.56	21.95	0.00	0.00	
				B	93724	10.089	0.037	11.750	0.150	9.931	0.048	286.248	570 24	-7.147	668 29	7.93	-1.85	-0.51	18.91	12.14	14.33	15.39	10.88						
19051+4008	1	F	C	A	93730	8.590	0.007	8.735	0.018	8.568	0.021	286.274	169 88	+40.125	890 15	5.86	4.68	-10.74	0.95	1.04	1.08	1.03	1.15	A	87.4	13.63			
				B	93730	10.970	0.054	11.710	0.108	10.671	0.067	286.279	116 44	+40.126	062 81	5.86	4.68	-10.74	13.81	18.13	1.08	1.03	1.15						
19055+3352	1	F	C	A	93754	9.354	0.007					286.378	537 77	+33.872	740 96	10.68	15.21	-33.49	1.60	2.34	1.98	1.63	2.41	A	201.6	0.557			
				B	93754	9.725	0.010					286.378	469 09	+33.872	597 05	10.68	15.21	-33.49	3.32	3.64	1.98	1.63	2.41						
19056+2724	1	F	C	A	93758	8.334	0.013					286.403	986 53	+27.407	348 97	3.36	2.03	-6.99	2.22	2.15	1.14	0.85	0.94	A	45	0.33			
				B	93758	10.785	0.128					286.404	059 29	+27.407	414 14	3.36	2.03	-6.99	12.03	13.54	1.14	0.85	0.94						
19057+2717	1	F	C	A	93762	8.609	0.119					286.413	202 86	+27.285	233 36	6.30	26.36	1.43	3.90	11.33	0.92	0.66	0.78	A	173	0.18			
				B	93762	9.141	0.195					286.413	209 67	+27.285	182 81	6.30	26.36	1.43	6.19	15.08	0.92	0.66	0.78						
19058+0633	1	F	C	A	93772	7.021	0.004	7.465	0.007	6.964	0.006	286.448	748 42	+6.546	995 63	16.34	7.39	-75.76	0.93	0.66	1.04	0.94	0.70	A	152.84	9.494			
				B	93772	8.996	0.021	9.656	0.029	8.861	0.023	286.449	960 00	+6.544	649 11	16.34	7.39	-75.76	6.07	3.96	1.04	0.94	0.70						
19058-7751	1	L	C	A	93774	10.019	0.009					286.451	751 08	-77.853	992 22	7.31	1.22	29.35	2.62	2.61	2.70	2.06	2.23	A	274	0.485	-1	-0.009	
				B	93774	10.192	0.010					286.451	111 62	-77.853	983 07	7.31	10.21	21.88	3.83	4.93	2.70	3.07	3.72						
19060-6345	1	F	C	A	93784	7.651	0.007					286.490	924 07	-63.744	742 97	3.61	-0.14	-20.19	1.46	1.01	1.17	1.20	0.98	A	282	0.38			
				B	93784	9.670	0.044					286.490	692 91	-63.744	721 57	3.61	-0.14	-20.19	7.68	7.10	1.17	1.20	0.98						
19061-2721	1	F	C	A	93790	10.703	0.017					286.513	376 71	-27.354	398 35	9.43	27.11	6.72	6.54	3.37	5.62	6.67	3.83	B	190.7	4.85			
				B	93790	11.153	0.025					286.513	095 32	-27.355	722 13	9.43	27.11	6.72	18.95	8.20	5.62	6.67	3.83						
19062+3026	1	F	C	A	93798	8.400	0.006	8.903	0.011	8.206	0.009	286.539	048 50	+30.438	544 72	13.26	65.98	-8.24	1.06	1.16	1.34	1.06	1.42	A	283.2	1.26			
				B	93798	9.877	0.022					286.538	654 25	+30.438	624 21	13.26	65.98	-8.24	7.29	4.69	1.34	1.06	1.42						
19064+0709	1	F	C	A	93822	7.271	0.005	7.596	0.011	7.195	0.009	286.595	968 42	+7.155	495 20	10.33	11.60	43.68	1.36	1.03	1.39	1.36	1.03	A	289.91	8.061			
				B	93822	7.921	0.009	8.222	0.011	7.814	0.012	286.593	846 69	+7.156	257 76	10.33	11.60	43.68	3.56	2.30	1.39	1.36	1.03						
19064+2743	1	F	N	C	A	93817	9.091	0.010	10.140	0.022	9.022	0.014	286.589	028 99	+27.713	771 32	19.80	-85.70	-202.75	1.15	1.31	1.62	1.25	1.40	A	69.4	11.32		
				B	93817	12.804	0.286					286.592	353 65	+27.714	878 96	19.80	-85.70	-202.75	57.58	70.60	1								

System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
19070-1959	1	I CA	D	A 93869 B 93870	8.943 0.010 11.274 0.078	10.151 0.029 12.865 0.498	8.903 0.017 11.186 0.195	286.750 366 46 286.754 709 85	-19.984 852 11 -19.984 651 55	0.26 3.00	3.65 -24.52 68.57 -37.18	3.27 2.12 2.67 46.10 28.05 14.81	3.15 2.19 48.77 25.17	A	87.2	14.71	+0.1	+0.06									
19071+2235	1	I CA	A	A 93885 B 93881	7.496 0.002 9.790 0.016	7.678 0.004 10.128 0.022	7.447 0.005 9.515 0.020	286.783 365 08 286.782 285 91	+22.584 298 68 +22.581 653 86	9.25 7.70	15.58 31.38 14.68 29.47	0.87 1.01 1.22 5.68 6.64 6.90	1.09 1.28 5.24 6.39	A	200.64	10.17	0.00	0.00									
19071+7204	1	F CA	A	A 93876 B 93876	7.897 0.005 7.949 0.005			286.776 495 26 286.776 654 80	+72.073 964 95 +72.074 161 83	4.79 4.79	7.72 41.30 7.72 41.30	1.64 2.25 1.54 2.01 2.40 1.54	1.37 1.95 1.37 1.95	A	14.0	0.730											
19071-1844	1	F CA	P	A 93887 B 93887	6.351 0.004 9.158 0.041			286.784 696 18 286.784 894 71	-18.738 127 80 -18.738 173 01	4.50 4.50	-2.00 -17.70 -2.00 -17.70	0.99 0.71 1.05 12.33 10.20 1.05	1.08 0.75 1.08 0.75	A	104	0.70											
19072+4451	1	F CA	A	A 93898 B 93898	8.635 0.005 10.625 0.029			286.800 702 05 286.800 669 45	+44.841 726 80 +44.841 570 12	2.11 2.11	0.01 8.24 0.01 8.24	1.15 1.20 1.13 8.17 6.93 1.13	1.02 1.31 1.02 1.31	A	188	0.57											
19073+2432	1	F CA	A	A 93905 B 93905	9.272 0.110 9.719 0.165			286.826 659 07 286.826 614 17	+24.525 838 34 +24.525 825 16	4.03 4.03	0.35 -1.50 0.35 -1.50	8.25 4.97 1.08 10.99 7.18 1.08	0.64 0.93 0.64 0.93	A	252	0.15											
19076-0249	1	F CC	A	A 93935 B 93935	8.550 0.016 12.019 0.391			286.907 489 24 286.907 423 43	-2.818 758 16 -2.818 695 39	4.99 4.99	6.28 -6.57 6.28 -6.57	4.47 5.16 2.31 95.46 73.41 2.31	2.42 1.72 2.42 1.72	A	314	0.33											
19077+5057	1	I CA	A	A 93943 C 93945	9.769 0.031 11.532 0.136	10.000 0.026	9.729 0.031	286.922 393 23 286.928 595 04	+50.950 552 91 +50.954 249 68	5.07 26.08	6.34 3.94 6.98 -1.15	1.87 1.89 1.58 37.77 36.97 21.22	1.99 1.92 26.45 24.65	A	46.6	19.36	0.0	0.00									
19077-0421	1	F CA	A	A 93942 B 93942	10.049 0.010 11.376 0.033	10.666 0.052	10.004 0.046	286.921 414 04 286.920 713 93	-4.347 494 88 -4.345 821 22	3.66 3.66	-2.41 -11.02 -2.41 -11.02	2.51 1.63 2.69 11.64 7.39 2.69	3.01 2.12 3.01 2.12	A	337.4	6.53											
19078+0147	1	F CA	A	A 93950 B 93950	8.427 0.023 9.808 0.080			286.943 011 38 286.943 063 82	+1.784 980 02 +1.785 050 02	4.64 4.64	9.48 -4.19 9.48 -4.19	3.18 3.19 1.41 10.74 8.51 1.41	1.48 1.14 1.48 1.14	A	37	0.31											
19078+3856	1	F CA	A	A 93954 B 93954	7.961 0.005 9.237 0.017	8.010 0.016	7.780 0.015	286.948 322 56 286.948 704 74	+38.928 216 47 +38.928 005 21	7.76 7.76	9.94 2.34 9.94 2.34	0.98 1.07 1.09 5.04 5.24 1.09	0.96 1.17 0.96 1.17	A	125.4	1.31											
19079+2948	1	F CA	A	A 93960 B 93960	8.595 0.006 9.057 0.009	8.564 0.009	8.500 0.011	286.973 826 94 286.974 571 78	+29.800 681 12 +29.800 526 27	2.01 2.01	1.38 2.85 1.38 2.85	1.13 1.32 1.51 2.97 3.03 1.51	1.08 1.30 1.08 1.30	A	103.5	2.393											
19079+7252	1	F CA	A	A 93959 B 93959	9.575 0.011 10.486 0.020			286.971 685 65 286.972 550 31	+72.873 364 20 +72.873 435 57	7.09 7.09	-4.34 94.27 -4.34 94.27	2.06 1.72 1.76 5.95 5.17 1.76	1.98 1.74 1.98 1.74	A	74.3	0.95											
19080-4316	1	F CA	A	A 93970 B 93970	10.505 0.013 10.595 0.015	11.061 0.051	10.264 0.041	286.999 982 73 287.000 428 70	-43.274 140 13 -43.273 450 62	5.94 5.94	0.79 -46.86 0.79 -46.86	4.00 2.76 3.92 7.25 5.50 3.92	4.30 3.07 4.30 3.07	A	25.2	2.74											
19081+4905	1	F CA	A	A 93977 B 93977	8.377 0.006 11.634 0.126	9.827 0.020	8.313 0.011	287.020 312 14 287.019 152 70	+49.081 845 36 +49.081 523 58	1.97 1.97	-22.19 1.31 -22.19 1.31	1.00 1.08 1.06 26.79 25.06 1.06	1.10 1.13 1.10 1.13	A	247.0	2.97											
19082+1215	1	F CA	A	A 93992 B 93992	7.991 0.074 9.236 0.231			287.060 098 54 287.060 094 39	+12.250 603 18 +12.250 557 42	1.11 1.11	-4.81 1.77 -4.81 1.77	2.86 6.36 0.97 8.93 15.88 0.97	0.82 0.71 0.82 0.71	A	185	0.17											
19083+2555	1	F CA	A	A 93997 B 93997	8.766 0.006 10.896 0.039	8.731 0.009	8.663 0.011	287.072 539 46 287.072 919 56	+25.923 719 68 +25.923 665 19	3.54 3.54	2.69 5.56 2.69 5.56	0.98 1.18 1.57 10.17 8.59 1.57	1.05 1.30 1.05 1.30	A	99.1	1.25											
19083+2706	1	F CA	A	A 93994 B 93994	8.284 0.020 8.297 0.020			287.067 435 45 287.067 512 98	+27.094 242 34 +27.094 249 68	3.49 3.49	1.53 -5.22 1.53 -5.22	2.83 2.69 0.88 2.68 2.13 0.88	0.70 0.72 0.70 0.72	A	84	0.250											
19083+5520	1	F NB	G	A 94000 B 94000 C 94000	7.673 0.006 9.505 0.024 9.935 0.039	10.283 0.045	9.680 0.041	287.084 153 07 287.084 125 95 287.085 730 68	+55.330 544 48 +55.330 712 82 +55.332 148 87	8.24 8.24 8.24	3.56 17.93 3.56 17.93 3.56 17.93	0.88 0.86 0.83 5.53 4.68 0.83 7.30 7.27 0.83	0.85 1.00 0.85 1.00 0.85 1.00	A	355	0.609		6.62									
19085+3755	1	IND	D	A 94024 B 94022	8.424 0.025 10.789 0.178	9.602 0.020	8.341 0.013	287.140 533 59 287.137 762 81	+37.910 269 18 +37.915 925 73	4.22 -29.76	8.69 -24.11 6.01 21.58	1.64 1.75 1.56 40.76 44.87 26.98	1.57 1.88 28.03 34.26	A	338.9	21.83	0.0	+0.04									
19085+5015	1	F CA	A	A 94019 B 94019	8.671 0.113 9.918 0.355			287.130 466 79 287.130 452 52	+50.256 617 88 +50.256 579 77	2.25 2.25	1.71 4.03 1.71 4.03	3.01 7.63 0.70 13.74 21.67 0.70	0.76 0.59 0.76 0.59	A	193	0.14											
19085-3058	1	F CA	A	A 94020 B 94020	8.032 0.005 10.202 0.038	8.844 0.016	7.987 0.013	287.132 088 17 287.130 576 68	-30.972 509 51 -30.974 577 58	34.72 34.72	42.24 -57.96 42.24 -57.96	1.62 0.92 1.64 14.68 6.98 1.64	2.22 1.16 2.22 1.16	A	212.1	8.79											
19087-3348	1	I CA	A	A 94042 B 94038	8.220 0.014 9.191 0.028	8.559 0.015	8.100 0.015	287.186 712 31 287.182 875 94	-33.794 045 23 -33.794 871 84	8.00 1.19	24.72 -93.11 25.76 -91.26	3.85 2.21 3.19 13.60 7.65 8.87	4.71 3.29 7.89 5.91	A	255.46	11.86	+0.01	0.00									
19088+3446	1	I CA	A	A 94043 B 94039	7.002 0.008 8.635 0.026	6.876 0.004	7.024 0.005	287.188 312 49 287.183 662 90	+34.760 308 44 +34.760 199 28	2.47 6.68	3.50 1.36 1.10 -3.75	1.17 1.37 1.23 6.86 8.12 3.89	1.24 1.65 5.40 6.17	A	268.36	13.76	-0.02	0.00									
19088-1716	1	F FD	D	A 94049 B 94049	10.515 0.028 12.474 0.163	12.050 0.208	10.312 0.064	287.208 188 55 287.204 393 71	-17.265 403 78 -17.267 182 87	-2.23 -2.23	-5.97 -6.13 -5.97 -6.13	4.52 2.78 4.49 61.25 39.84 4.49	5.11 3.27 5.11 3.27	A	243.9	14.53											
19089+3404	1	L CA	A	A 94056 S 94056	10.216 0.063 10.364 0.073			287.224 992 48 287.224 948 41	+34.062 138 08 +34.062 088 24	34.37 34.37	-83.96 50.07 -73.86 68.25	4.81 6.20 1.30 6.22 7.27 1.30	3.11 2.87 4.22 3.80	A	216	0.222	+1	-0.021									
19090-3502	1	F CB	A	A 94065 B 94065	9.255 0.010 13.016 0.317			287.244 987 82 287.245 067 05	-35.035 227 34 -35.035 086 80	6.37 6.37	3.92 10.32 3.92 10.32	2.33 1.93 1.96 77.30 40.59 1.96	2.73 1.50 2.73 1.50	A	25	0.56											

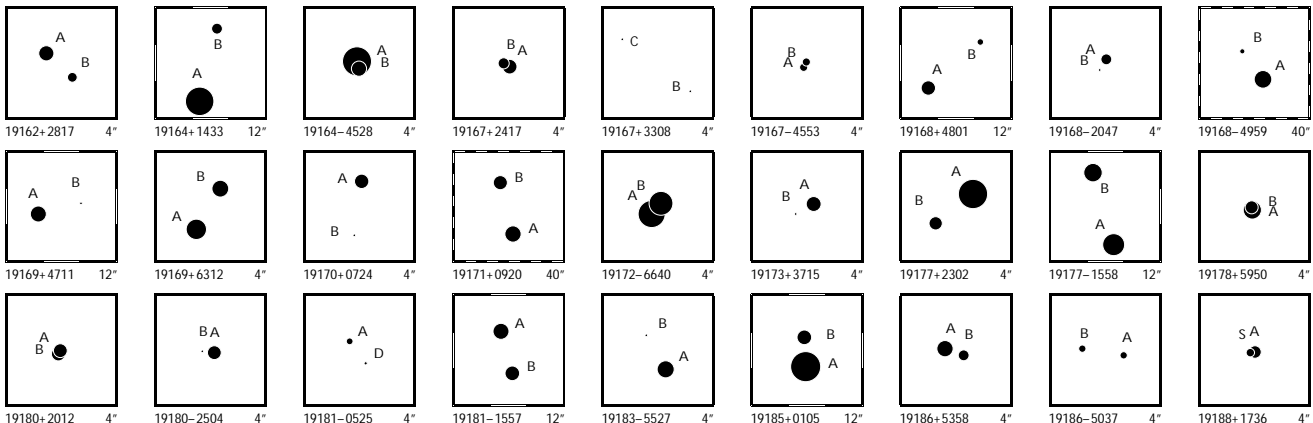


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
19091+3436	1	I	A	94076	6.835	0.013	7.485	0.007	6.771	0.005	287.268	126 82	+34.599	798 48	20.42	47.12	194.51	1.39	1.93	1.57	1.53	2.52	A	262.32	16.10	-0.02	-0.02
			B	94075	8.289	0.036	8.919	0.014	8.055	0.011	287.262	741 56	+34.599	380 67	21.40	64.77	192.41	9.39	10.21	4.95	6.20	7.75					
19092+1152	1	F	A	94087	8.518	0.007	8.588	0.013	8.377	0.015	287.305	041 54	+11.867	655 99	3.50	5.80	1.78	2.20	1.66	2.06	2.23	1.78	A	27	1.20		
			B	94087	10.187	0.033					287.305	194 07	+11.867	952 82	3.50	5.80	1.78	18.82	13.51	2.06	2.23	1.78					
19093+1138	1	F	A	94098	7.602	0.116					287.326	679 68	+11.626	796 15	5.31	9.11	-16.83	5.66	3.73	0.89	0.91	0.64	A	60	0.15		
			B	94098	9.428	0.622					287.326	716 39	+11.626	816 73	5.31	9.11	-16.83	49.17	29.83	0.89	0.91	0.64					
19096-1053	1	F	A	94119	10.099	0.010					287.391	130 10	-10.889	600 99	3.76	9.26	1.44	2.37	1.61	2.48	2.97	1.91	A	323	0.57		
			B	94119	12.261	0.067					287.391	032 09	-10.889	473 82	3.76	9.26	1.44	20.91	12.28	2.48	2.97	1.91					
19098-0017	1	F	A	94148	9.627	0.010					287.458	735 58	-0.286	760 18	5.85	16.82	-3.38	2.62	2.11	2.34	2.45	1.73	A	146	0.41		
			B	94148	10.530	0.023					287.458	800 13	-0.286	855 16	5.85	16.82	-3.38	7.43	6.35	2.34	2.45	1.73					
19100-4032	1	F	A	94159	10.902	0.014					287.504	133 92	-40.531	361 86	1.55	3.61	-6.94	3.86	2.55	4.24	5.57	3.48	A	232	0.82		
			B	94159	12.044	0.039					287.503	899 89	-40.531	503 33	1.55	3.61	-6.94	18.72	9.08	4.24	5.57	3.48					
19102+1606	1	F	A	94173	9.842	0.090					287.549	586 17	+16.105	427 99	-2.61	-2.75	-4.06	5.94	10.34	1.78	1.41	1.47	A	188	0.23		
			B	94173	10.037	0.108					287.549	577 17	+16.105	365 61	-2.61	-2.75	-4.06	9.32	11.95	1.78	1.41	1.47					
19104-5813	1	F	A	94181	10.138	0.009					287.609	404 47	-58.224	121 92	17.67	6.50	-53.38	2.24	1.61	2.85	2.50	1.97	A	325	0.70		
			B	94181	11.845	0.042					287.609	194 96	-58.223	962 00	17.67	6.50	-53.38	13.23	9.15	2.85	2.50	1.97					
19106+5429	1	F	A	94194	9.166	0.195					287.652	556 32	+54.476	402 31	5.53	10.18	-25.73	9.85	8.68	0.84	0.87	1.09	A	306	0.14		
			B	94194	10.046	0.439					287.652	502 72	+54.476	424 89	5.53	10.18	-25.73	24.64	18.32	0.84	0.87	1.09					
19106-6003	1	F	A	94198	7.609	0.004	7.524	0.008	7.556	0.013	287.659	010 82	-60.045	754 71	4.14	11.84	-13.25	0.99	0.73	1.23	1.08	0.97	A	239.1	2.72		
			B	94198	9.354	0.021	9.192	0.024	9.068	0.042	287.657	714 34	-60.046	141 72	4.14	11.84	-13.25	5.83	4.53	1.23	1.08	0.97					
19108-1209	1	F	A	94222	8.093	0.007	8.209	0.011	8.039	0.012	287.711	570 23	-12.143	152 26	2.25	0.76	-21.58	1.64	1.07	1.64	1.56	1.26	A	326.6	4.89		
			B	94222	10.831	0.078	10.898	0.095	10.249	0.098	287.710	806 29	-12.142	017 78	2.25	0.76	-21.58	25.12	16.50	1.64	1.56	1.26					
19109+0807	1	F	A	94230	7.538	0.007	7.826	0.008	7.478	0.007	287.737	334 72	+8.121	597 16	11.37	-49.90	-21.27	1.24	0.90	1.32	1.20	0.87	A	121.6	8.58		
			B	94230	10.769	0.134	11.822	0.163	10.644	0.095	287.739	384 50	+8.120	346 44	11.37	-49.90	-21.27	33.29	24.77	1.32	1.20	0.87					
19109-4805	1	L	A	94227	10.712	0.107	11.941	0.157	10.517	0.066	287.727	131 79	-48.079	845 82	4.51	-35.59	5.25	8.71	6.04	7.29	9.36	7.17	A	288.4	20.03	-1.1	+0.38
			B	94223	11.755	0.241	11.280	0.083	10.599	0.070	287.719	229 57	-48.078	089 02	4.51	-519.27	-256.49	52.62	39.61	7.29	35.73	28.15	B	80	2.08	-4	+0.58
			C	94223	11.770	0.236					287.720	079 58	-48.077	983 99	4.51	17.46	6.43	52.69	38.50	7.29	36.09	27.72					
19110-0726	1	F	A	94241	7.404	0.030					287.755	236 40	-7.427	439 45	5.51	-32.90	-42.83	4.65	2.51	1.11	1.05	0.75	A	60	0.29		
			B	94241	9.747	0.049					287.755	305 58	-7.427	399 82	5.51	-32.90	-42.83	8.39	4.43	1.11	1.05	0.75					
19110-4847	1	F	A	94231	9.305	0.008					287.737	921 60	-48.778	857 19	2.02	-2.22	-4.99	1.97	1.46	2.19	2.33	1.79	A	195	0.93		
			B	94231	11.314	0.046					287.737	822 54	-48.779	106 38	2.02	-2.22	-4.99	15.15	10.42	2.19	2.33	1.79					
19111+3847	1	L	A	94252	8.480	0.008	9.051	0.015	8.228	0.012	287.783	614 63	+38.780	357 06	20.52	-227.81	-106.21	1.38	1.48	1.25	1.34	1.63	B	20.84	4.540	-0.16	+0.004
			B	94252	8.982	0.013					287.784	190 27	+38.781	535 58	20.52	-238.11	-97.60	3.70	3.34	1.25	2.16	2.46	B	27.24	4.80	-0.31	+0.01
			C	94252	9.365	0.019					287.784	398 04	+38.781	543 18	20.52	-245.55	-83.57	5.00	4.79	1.25	3.25	4.13					
19111-6417	1	F	A	94249	8.256	0.005					287.773	357 54	-64.290	967 04	11.39	-40.42	9.53	1.35	1.10	1.28	1.28	0.94	A	59	0.42		
			B	94249	10.720	0.044					287.773	586 73	-64.290	908 10	11.39	-40.42	9.53	12.85	11.36	1.28	1.28	0.94					
19114+0759	1	F	A	94285	8.649	0.165					287.857	178 91	+7.978	154 65	4.65	-2.54	-16.61	5.80	10.03	1.14	0.89	0.68	A	32	0.13		
			B	94285	9.234	0.282					287.857	198 82	+7.978	186 44	4.65	-2.54	-16.61	11.67	14.79	1.14	0.89	0.68					
19114+2116	1	F	A	94279	8.550	0.005					287.845	028 80	+21.260	898 22	0.50	1.34	-4.01	1.19	1.37	1.73	1.25	1.59	A	151	0.594		
			B	94279	9.778	0.014					287.845	115 97	+21.260	754 59	0.50	1.34	-4.01	4.50	5.16	1.73	1.25	1.59					
19117+1753	1	F	A	94306	8.233	0.006	8.420	0.012	8.159	0.013	287.931	328 93	+17.883	612 16	0.57	1.30	-7.00	1.31	1.17	1.58	1.83	1.60	A	84	1.95		
			B	94306	11.743	0.144					287.931	894 31	+17.883	670 87	0.57	1.30	-7.00	38.20	42.15	1.58	1.83	1.60					
19117-4711	1	F	A	94307	9.776	0.014	10.216	0.032	9.665	0.031	287.934	207 13	-47.187	963 08	7.43	-13.75	-8.22	1.96	1.51	1.91	2.56	1.94	A	151.9	13.90		
			B	94307	13.148	0.303					287.936	879 31	-47.191	370 77	7.43	-13.75	-8.22	95.43	65.38	1.91	2.56	1.94					
19118+0842	1	F	A	94319	10.079	0.044	10.517	0.044	9.985	0.046	287.960	712 17	+8.705	205 93	1.33	0.85	-5.84	4.62	3.06	3.89	4.57	2.98	A	339.6	21.88		

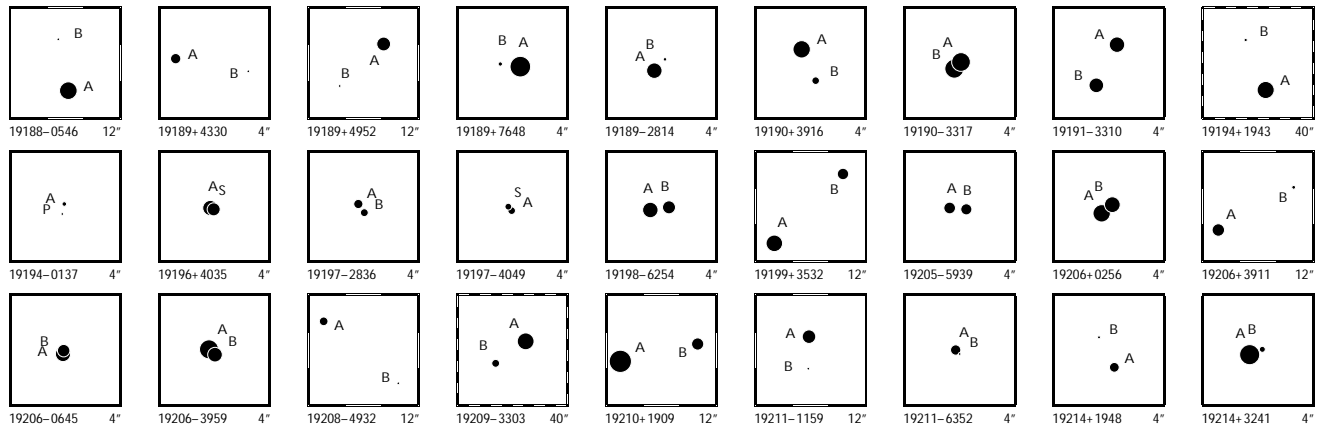
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry												
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt								
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	mas/yr	19	20	mas	21	22	23	mas	24	25	26	27	28	29
19122+3215	1	F CA	A 94350 B 94350	7.485 0.004 10.733 0.077	7.458 0.006	7.433 0.008		288.061 662 66 +32.252 758 91 288.061 858 59 +32.252 507 96	3.02 3.02	2.01 1.67 2.01 1.67	0.67 0.71 0.84 0.74 0.78 14.39 15.92 0.84 0.74 0.78	A 147 1.08																			
19123+2113	1	F CA	A 94355 B 94355	8.921 0.044 9.191 0.056				288.077 627 57 +21.224 742 10 288.077 684 77 +21.224 719 55	0.77 0.77	0.48 -6.14 0.48 -6.14	4.53 3.20 1.18 0.98 1.03 5.74 5.03 1.18 0.98 1.03	A 113 0.208																			
19124+3021	1	F CA	A 94363 B 94363	7.978 0.005 9.162 0.015	7.932 0.008 9.061 0.017	7.931 0.012 9.017 0.023		288.098 342 26 +30.347 763 71 288.096 157 07 +30.349 785 58	0.72 0.72	2.37 -5.26 2.37 -5.26	0.97 1.09 1.28 1.01 1.32 3.73 4.83 1.28 1.01 1.32	A 317.00 9.953																			
19124-3304	1	L NB	A 94367 B 94367	8.818 0.011 8.915 0.012				288.104 996 81 -33.062 169 41 288.105 046 45 -33.062 070 37	15.43 15.43	-44.84 33.68 -27.05 40.65	2.11 1.58 1.92 2.34 1.44 3.66 2.12 1.92 2.52 1.67	A 23 0.387 +2 +0.013																			
19126+1651	1	F CA P	A 94377 B 94377	7.125 0.004 7.957 0.008				288.143 556 04 +16.846 448 22 288.143 688 33 +16.846 313 94	3.85 3.85	2.18 -11.64 2.18 -11.64	1.08 1.00 1.29 1.31 1.31 2.95 2.32 1.29 1.31 1.31	A 136.7 0.664																			
19127+2435	1	F CA	A 94387 F 94387	8.572 0.071 9.638 0.189				288.176 670 29 +24.576 784 65 288.176 731 47 +24.576 775 13	13.40 13.40	68.25 -5.55 68.25 -5.55	8.18 4.51 1.26 0.92 1.05 14.74 10.91 1.26 0.92 1.05	A 100 0.20																			
19129+4233	1	F ND D	A 94409 B 94409	9.579 0.010 13.085 0.235	11.675 0.094 9.627 0.024			288.224 385 98 +42.549 038 45 288.223 211 86 +42.548 763 81	3.03 3.03	-3.43 -4.55 -3.43 -4.55	1.42 1.62 1.61 1.26 1.98 55.35 67.36 1.61 1.26 1.98	A 252 3.27																			
19130+1908	1	F CA	A 94418 B 94418	9.080 0.007 10.276 0.019	9.257 0.014 10.136 0.037	8.934 0.015 9.750 0.058		288.259 174 52 +19.138 995 55 288.259 016 14 +19.139 464 27	5.22 5.22	-2.27 -2.49 -2.27 -2.49	1.58 1.59 2.21 1.93 2.02 6.37 6.47 2.21 1.93 2.02	A 342.3 1.77																			
19131+2154	1	F CA	A 94426 B 94426	8.669 0.005 11.064 0.042				288.283 042 52 +21.907 743 74 288.282 816 90 +21.907 742 11	1.28 1.28	-5.23 -6.76 -5.23 -6.76	1.06 1.07 1.35 1.22 1.18 8.88 10.42 1.35 1.22 1.18	A 270 0.75																			
19131-4047	1	F CA	A 94420 B 94420	9.865 0.011 10.659 0.023				288.269 096 60 -40.783 976 33 288.269 101 53 -40.784 091 29	6.44 6.44	-3.50 -32.48 -3.50 -32.48	2.97 2.27 2.81 4.24 2.11 7.98 5.54 2.81 4.24 2.11	A 178 0.414																			
19134-1427	1	F CA	A 94454 B 94454	7.874 0.006 10.114 0.042	8.253 0.009 7.754 0.009			288.357 600 62 -14.446 914 05 288.357 412 33 -14.446 590 34	11.70 11.70	38.74 -59.78 38.74 -59.78	1.99 1.16 1.85 1.94 1.29 26.94 12.78 1.85 1.94 1.29	A 331 1.34																			
19136-1021	1	F CA	A 94464 B 94464	8.431 0.003 10.334 0.017				288.399 697 04 -10.349 323 88 288.399 751 67 -10.349 448 81	2.17 2.17	1.60 1.07 1.60 1.07	1.40 0.96 1.40 1.52 1.14 8.06 5.26 1.40 1.52 1.14	A 157 0.490																			
19136-5134	1	F ND D	A 94462 B 94462	8.863 0.008 12.226 0.177	9.272 0.020 8.771 0.020			288.395 640 26 -51.559 179 55 288.396 392 86 -51.558 803 43	7.06 7.06	6.67 -32.80 6.67 -32.80	1.97 1.51 1.91 2.35 1.49 50.94 32.70 1.91 2.35 1.49	A 51 2.16																			
19141+6707	1	F CA	A 94505 B 94505	7.492 0.094 7.819 0.127				288.516 254 81 +67.115 534 28 288.516 341 44 +67.115 537 42	5.52 5.52	2.96 9.63 2.96 9.63	6.19 4.74 0.48 0.41 0.47 6.29 6.34 0.48 0.41 0.47	A 85 0.122																			
19142+3413	1	F NC	A 94519 B 94517	7.677 0.025 10.729 0.331	7.595 0.007 10.568 0.056	7.665 0.010 10.545 0.094		288.556 964 08 +34.215 126 36 288.551 373 83 +34.211 216 21	1.84 1.84	1.24 -5.18 1.24 -5.18	1.28 1.42 1.28 1.30 1.60 69.99 83.34 1.28 1.30 1.60	A 229.8 21.80																			
19143+1904	1	F CA	A 94520 B 94520	7.972 0.006 9.658 0.029	8.423 0.008 9.961 0.038	7.886 0.008 9.246 0.028		288.565 205 63 +19.064 079 53 288.564 647 56 +19.063 740 73	13.06 13.06	28.99 -26.72 28.99 -26.72	1.09 1.09 1.59 1.37 1.42 6.92 6.53 1.59 1.37 1.42	A 237.3 2.26																			
19144+6754	1	I CA	A 94527 B 94535	9.366 0.036 9.905 0.043	9.802 0.027 10.500 0.049	9.371 0.027 9.750 0.039		288.583 730 53 +67.908 000 50 288.595 585 87 +67.905 848 85	6.53 6.09	7.67 14.99 -0.48 7.86	4.05 3.61 3.09 4.06 3.53 12.18 11.99 4.91 10.13 9.23	A 115.75 17.82 +0.03 0.00																			
19144-2916	1	F CA	A 94537 B 94537	8.973 0.007 9.715 0.013	9.785 0.047 8.686 0.030			288.610 333 60 -29.273 796 24 288.610 013 58 -29.273 894 92	5.05 5.05	34.36 -7.88 34.36 -7.88	3.03 1.47 2.85 3.50 2.17 7.16 3.37 2.85 3.50 2.17	A 250.5 1.07																			
19148-5800	1	F CA	A 94570 B 94570	7.460 0.004 10.051 0.040				288.697 764 44 -58.006 708 35 288.697 460 08 -58.006 643 77	19.09 19.09	68.51 -248.70 68.51 -248.70	0.94 0.67 1.15 0.98 0.77 7.09 7.65 1.15 0.98 0.77	A 292 0.63																			
19150+0210	1	F CA	A 94590 B 94590	10.378 0.025 11.256 0.055	12.126 0.263 10.628 0.135			288.744 814 60 +2.164 233 00 288.745 053 09 +2.161 858 33	27.74 27.74	344.19 402.72 344.19 402.72	4.68 3.27 4.71 4.88 3.63 18.21 12.74 4.71 4.88 3.63	A 174.3 8.59																			
19152+0133	1	F CA	A 94608 B 94608	9.299 0.067 11.023 0.328				288.794 638 89 +1.551 965 92 288.794 655 39 +1.551 917 33	4.02 4.02	-12.66 -9.88 -12.66 -9.88	3.11 6.01 1.35 1.40 1.04 19.44 26.29 1.35 1.40 1.04	A 161 0.18																			
19152+5004	1	F CA	A 94623 B 94623	6.527 0.003 10.034 0.066	7.507 0.007 6.452 0.005			288.829 928 34 +50.071 118 26 288.830 837 25 +50.071 224 60	9.52 9.52	-6.87 3.79 -6.87 3.79	0.60 0.64 0.62 0.65 0.74 16.26 15.46 0.62 0.65 0.74	A 79.7 2.13																			
19153+2454	1	F CB	A 94622 B 94622	10.360 0.207 10.823 0.317				288.827 894 04 +24.896 530 61 288.827 837 22 +24.896 543 11	35.21 35.21	238.94 219.28 238.94 219.28	19.06 8.67 1.64 0.85 1.34 26.16 14.63 1.64 0.85 1.34	A 284 0.19																			
19159+2727	1	F CA	A 94679 B 94679	7.057 0.004 7.511 0.005				288.987 332 49 +27.455 935 47 288.987 430 83 +27.455 704 95	1.77 1.77	4.02 -4.48 4.02 -4.48	0.72 0.97 1.13 0.84 1.22 1.65 1.92 1.13 0.84 1.22	A 159.3 0.887																			
19160+1610	1	F CA	A 94688 B 94688	7.617 0.005 8.550 0.012				289.007 668 82 +16.160 963 73 289.007 470 25 +16.160 718 25	4.77 4.77	20.70 19.90 20.70 19.90	1.15 1.11 1.35 1.05 1.22 4.93 3.42 1.35 1.05 1.22	A 217.8 1.12																			
19160+5626	1	F ND D	A 94683 B 94683	8.627 0.006 12.372 0.175	9.650 0.021 8.552 0.014			288.995 306 05 +56.434 982 27 288.996 311 73 +56.435 490 00	3.17 3.17	2.71 7.85 2.71 7.85	0.94 1.01 0.96 1.09 1.26 38.74 41.60 0.96 1.09 1.26	A 48 2.71																			
19160+8348	1	F CA	A 94686 B 94686	9.619 0.008 12.388 0.093	10.003 0.026 9.538 0.025			289.002 741 46 +83.799 663 86 288.998 033 11 +83.798 925 21	2.68 2.68	8.15 11.37 8.15 11.37	1.27 1.24 1.35 1.33 1.29 20.86 23.05 1.35 1.33 1.29	A 214.5 3.23																			



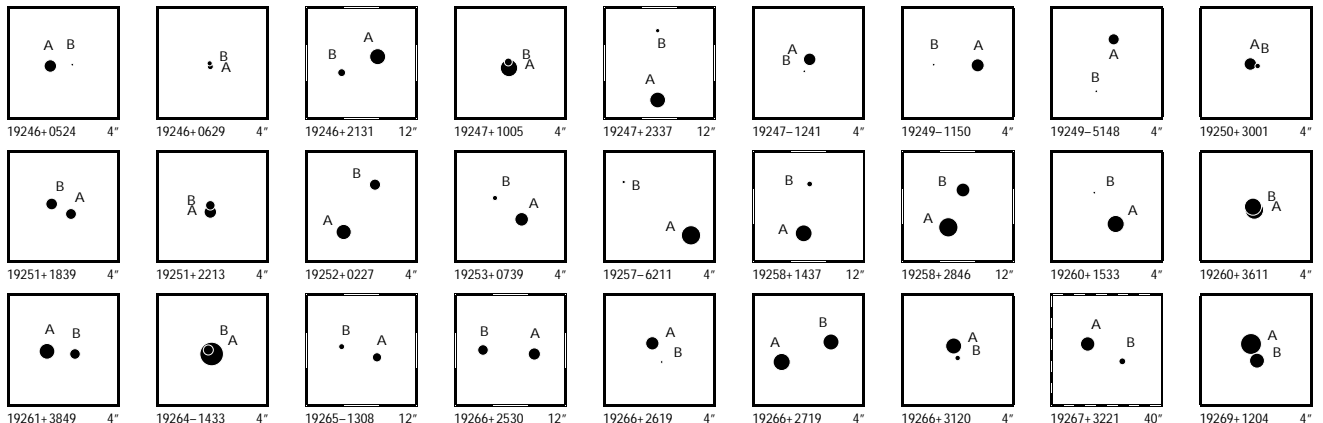
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
19162+2817	1	FCA	A 94700 B 94700	8.628 0.006 9.815 0.018		8.626 0.009	8.426 0.010	289.048 506 70 289.048 199 71	+28.280 642 78 +28.280 394 19	3.80 3.80	0.19 0.55 0.19 0.55	1.10 1.38 1.53 5.10 6.29 1.53	1.18 1.51 1.18 1.51	A 227.4	1.32												
19164+1433	1	FND	D A 94720 B 94720	5.681 0.004 9.581 0.131		5.647 0.003 9.936 0.039	5.673 0.003 9.304 0.034	289.111 594 28 289.111 038 34	+14.544 615 09 +14.546 861 51	8.77 8.77	9.15 0.22 9.15 0.22	0.75 0.86 1.17 31.43 29.09 1.17	0.81 0.87 0.81 0.87	A 346.5	8.32												
19164-4528	1	FCA	A 94712 B 94712	5.588 0.007 8.628 0.122				289.090 601 76 289.090 567 67	-45.466 058 24 -45.466 134 53	6.11 6.11	-2.03 12.08 -2.03 12.08	1.41 1.31 0.86 22.87 14.94 0.86	0.95 0.60 0.95 0.60	A 197	0.29												
19167+2417	1	FCA	A 94736 B 94736	8.772 0.012 9.523 0.025				289.162 970 64 289.163 044 22	+24.280 534 39 +24.280 576 01	0.04 0.04	1.39 -5.07 1.39 -5.07	1.84 2.13 1.23 3.80 5.07 1.23	0.86 0.96 0.86 0.96	A 58	0.284												
19167+3308	1	FNC	B 94737 C 94737	13.044 0.061 13.236 0.071				289.173 394 23 289.174 229 42	+33.150 667 07 +33.151 193 77	-14.37 -14.37	3.14 -5.85 3.14 -5.85	6.95 7.66 7.05 28.66 31.27 7.05	5.26 8.09 5.26 8.09	B 53	3.15												
19167-4553	1	LCA	A 94739 B 94739	10.195 0.112 10.202 0.113				289.178 103 63 289.178 071 30	-45.888 368 21 -45.888 314 99	63.43 63.43	254.00 -354.91 177.16 -471.14	7.18 11.11 2.16 10.03 12.23 2.16	6.16 6.00 6.96 6.49	A 337	0.21	-32	-0.08										
19168+4801	1	FCA	A 94745 B 94745	8.829 0.007 10.587 0.032		8.801 0.012 10.733 0.058	8.813 0.016 10.223 0.056	289.192 671 78 289.190 281 64	+48.019 453 04 +48.020 870 29	2.88 2.88	-0.71 -4.73 -0.71 -4.73	1.17 1.18 1.21 8.39 7.91 1.21	1.27 1.39 1.27 1.39	A 311.6	7.69												
19168-2047	1	FCB	A 94749 B 94749	9.597 0.018 11.942 0.153				289.195 127 68 289.195 189 68	-20.776 451 87 -20.776 561 51	4.17 4.17	-6.09 -12.63 -6.09 -12.63	3.26 3.69 2.82 28.42 21.12 2.82	2.74 1.72 2.74 1.72	A 152	0.45												
19168-4959	1	LCA	A 94746 B 94748	8.104 0.007 10.869 0.074		8.426 0.011 11.148 0.100	8.052 0.011 10.438 0.084	289.191 709 82 289.194 993 80	-49.986 186 77 -49.983 276 27	6.35 18.13	38.18 -7.13 29.77 -6.15	1.88 1.62 1.76 30.50 22.88 13.69	2.44 1.62 19.22 12.60	A 36.0	12.94	0.0	0.00										
19169+4711	1	FCB	A 94758 B 94758	8.440 0.006 11.978 0.143		9.549 0.019	8.398 0.013	289.218 053 24 289.216 120 19	+47.182 243 47 +47.182 544 43	3.93 3.93	-3.94 1.57 -3.94 1.57	1.05 0.99 1.03 36.38 34.29 1.03	1.28 1.24 1.28 1.24	A 282.9	4.85												
19169+6312	1	FCA	A 94760 B 94760	7.504 0.004 8.264 0.007		7.720 0.026	7.207 0.025	289.221 187 27 289.220 643 76	+63.207 438 57 +63.207 852 99	12.21 12.21	27.61 -16.06 27.61 -16.06	0.99 0.97 0.92 2.92 2.76 0.92	1.07 1.11 1.07 1.11	A 329.4	1.733												
19170+0724	1	FCB	A 94771 B 94771	8.800 0.006 11.941 0.094		8.890 0.017	8.772 0.020	289.252 388 01 289.252 468 51	+7.400 454 36 +7.399 905 53	3.11 3.11	8.21 2.01 8.21 2.01	1.66 1.30 1.75 46.11 30.30 1.75	1.70 1.17 1.70 1.17	A 172	2.00												
19171+0920	1	LCA	P A 94773 B 94774	8.400 0.039 8.868 0.053		9.854 0.023 10.994 0.017	8.307 0.012 8.712 0.018	289.263 167 80 289.264 471 25	+9.338 772 02 +9.344 040 79	-6.21 -6.96	-2.47 9.51 -5.02 7.02	4.08 2.56 3.58 17.45 9.65 6.16	4.38 3.44 8.12 6.42	A 13.72	19.52	-0.01	0.00										
19172-6640	1	LCA	A 94789 B 94789	6.018 0.003 6.721 0.005				289.300 916 57 289.300 677 09	-66.661 037 56 -66.660 934 70	11.00 11.00	8.89 -4.33 18.52 3.55	0.68 0.75 0.85 1.61 1.88 0.85	0.57 0.66 0.86 1.56	A 317.3	0.504	+1.4	-0.001										
19173+3715	1	FCB	A 94794 B 94794	8.724 0.007 11.977 0.128				289.314 700 29 289.314 933 58	+37.241 694 59 +37.241 590 05	4.58 4.58	2.00 1.09 2.00 1.09	1.06 1.16 1.28 27.09 32.01 1.28	1.07 1.37 1.07 1.37	A 119	0.77												
19177+2302	1	FCA	A 94827 B 94827	5.499 0.003 9.049 0.056		5.464 0.003	5.476 0.003	289.431 813 65 289.432 232 49	+23.025 549 04 +23.025 253 67	1.70 1.70	1.49 -3.69 1.49 -3.69	0.51 0.49 0.63 12.47 13.68 0.63	0.58 0.54 0.58 0.54	A 127.5	1.75												
19177-1558	1	FCA	A 94823 B 94823	7.112 0.008 7.921 0.017		7.290 0.007 8.153 0.014	7.055 0.007 7.877 0.013	289.416 435 89 289.417 113 95	-15.967 092 61 -15.964 858 88	6.32 6.32	22.13 -18.33 22.13 -18.33	1.64 1.04 1.58 4.75 3.24 1.58	1.69 1.18 1.69 1.18	A 16.27	8.377												
19178+5950	1	FCA	A 94835 B 94835	7.995 0.156 9.145 0.449				289.455 260 52 289.455 263 92	+59.836 328 96 +59.836 359 80	4.88 4.88	-1.58 21.11 -1.58 21.11	4.37 9.97 0.60 12.45 17.72 0.60	0.66 0.69 0.66 0.69	A 3	0.11												
19180+2012	1	FCB	B 94847 A 94847	8.918 0.678 8.919 0.678				289.491 209 14 289.491 193 70	+20.192 680 20 +20.192 712 03	5.97 5.97	2.64 -27.85 2.64 -27.85	21.32 42.22 0.97 14.49 31.82 0.97	0.74 0.77 0.74 0.77	B 336	0.13												
19180-2504	1	FCB	A 94853 B 94853	8.945 0.016 11.766 0.220				289.509 047 01 289.509 182 93	-25.072 208 14 -25.072 203 82	4.68 4.68	5.27 -20.71 5.27 -20.71	4.43 2.83 2.66 70.48 49.50 2.66	2.85 1.77 2.85 1.77	A 88	0.44												
19181-0525	1	FCA	A 94856 D 94856	10.472 0.031 11.304 0.066		11.004 0.060	10.325 0.052	289.526 510 40 289.526 346 70	-5.415 015 70 -5.415 247 97	8.34 8.34	-17.50 -47.96 -17.50 -47.96	6.04 4.10 5.83 30.35 16.39 5.83	5.64 4.01 5.64 4.01	A 215	1.02												
19181-1557	1	FCA	A 94855 B 94855	8.458 0.010 8.736 0.012		8.445 0.015 8.652 0.018	8.391 0.019 8.602 0.024	289.523 085 37 289.522 691 29	-15.953 738 05 -15.955 061 72	4.88 4.88	9.02 -1.19 9.02 -1.19	3.16 1.89 2.66 6.69 5.74 2.66	2.87 1.89 2.87 1.89	A 196.0	4.96												
19183-5527	1	FCB	A 94866 B 94866	8.230 0.010 11.535 0.194		9.637 0.023	8.175 0.013	289.577 810 37 289.578 174 96	-55.444 302 90 -55.443 953 50	3.82 3.82	-7.36 -34.78 -7.36 -34.78	2.00 1.62 2.11 59.30 47.70 2.11	2.27 1.59 2.27 1.59	A 31	1.46												
19185+0105	1	FCA	A 94885 B 94885	5.313 0.002 8.764 0.047		6.654 0.006 8.950 0.047	5.272 0.003 8.294 0.043	289.635 370 19 289.635 426 41	+1.085 085 48 +1.085 987 61	8.56 8.56	11.24 17.87 11.24 17.87	0.79 0.52 0.80 11.36 8.20 0.80	0.77 0.53 0.77 0.53	A 3.6	3.25												
19186+5358	1	FCA	A 94888 B 94888	8.397 0.004 9.611 0.012				289.649 512 15 289.649 184 40	+53.968 258 50 +53.968 195 81	4.45 4.45	-2.02 0.75 -2.02 0.75	1.09 0.92 0.94 3.64 3.57 0.94	1.08 1.09 1.08 1.09	A 252.0	0.730												
19186-5037	1	FCA	B 94892 A 94892	10.360 0.015 10.382 0.016		10.308 0.088 10.207 0.043	9.780 0.075 9.528 0.040	289.660 733 93 289.660 069 18	-50.611 506 86 -50.611 571 96	1.85 1.85	6.44 -19.00 6.44 -19.00	6.06 4.56 3.27 6.49 4.92 3.27	3.66 3.26 3.66 3.26	B 261.2	1.54												
19188+1736	1	FCA	A 94911 S 94911	9.269 0.073 10.142 0.163				289.703 723 40 289.703 771 81	+17.606 340 91 +17.606 331 31	5.02 5.02	2.02 10.64 2.02 10.64	6.44 4.33 1.23 13.08 9.43 1.23	1.32 0.99 1.32 0.99	A 102	0.17												



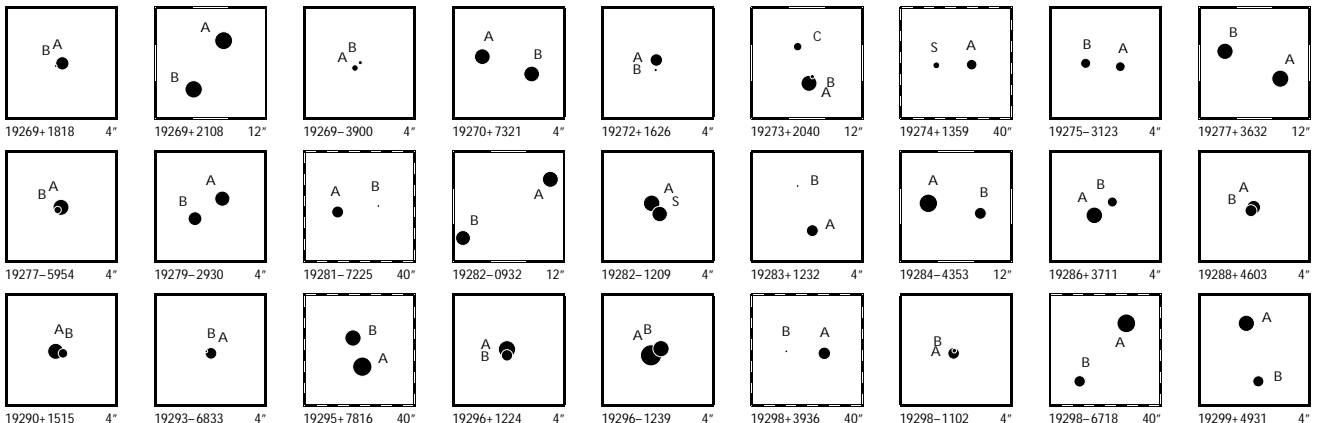
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19188-0546	1	F CA	A 94908 B 94908	8.081 0.003 11.652 0.081	8.180 0.008	8.032 0.010	289.696 637 38	-5.772 401 76	3.34	6.63 -19.25	1.10 0.68 1.14 1.12 0.74	27.70 18.22 1.14 1.12 0.74	A 10.8	5.85											
19189+4330	1	F CC	A 94918 B 94918	9.694 0.011 12.687 0.176	10.242 0.026	9.577 0.024	289.725 470 13 +43.496 391 61	7.24 27.39 -37.49	7.24 27.39 -37.49	2.25 2.17 2.33 2.13 2.08	73.54 55.92 2.33 2.13 2.08	A 260	2.71												
19189+4952	1	F CB	A 94922 B 94922	8.957 0.009 12.820 0.296	9.556 0.018	8.918 0.016	289.735 524 91 +49.859 885 52	17.91 16.37 -40.41	17.91 16.37 -40.41	1.31 1.30 1.33 1.45 1.60	69.95 68.17 1.33 1.45 1.60	A 134	6.74												
19189+7648	1	F CA	A 94915 B 94915	7.430 0.003 11.023 0.086			289.718 594 68 -76.792 507 28	3.65 -9.62 4.48	3.65 -9.62 4.48	0.74 0.68 0.67 0.83 0.79	16.95 21.41 0.67 0.83 0.79	A 82	0.75												
19189-2814	1	F CA	A 94914 B 94914	8.571 0.006 11.239 0.068			289.717 813 02 -28.230 510 16	4.36 -0.41 -12.15	4.36 -0.41 -12.15	1.80 1.36 1.82 1.74 1.14	19.09 13.85 1.82 1.74 1.14	A 317	0.59												
19190+3916	1	F CA	A 94924 B 94924	8.145 0.005 10.315 0.039	8.372 0.009	8.029 0.009	289.742 595 18 +39.267 174 70	8.15 -6.53 -4.54	8.15 -6.53 -4.54	0.98 1.00 1.07 1.03 1.03	8.55 12.33 1.07 1.03 1.03	A 203.0	1.26												
19190-3317	1	L CA	B 94926 A 94926	7.801 0.024 11.308 0.025			289.746 167 31 -33.278 012 10	19.17 -32.17 -112.65	19.17 -32.17 -112.65	4.88 4.12 1.32 2.83 1.77	4.44 4.12 1.32 3.08 2.04	B 316	0.313 -1 -0.045												
19191-3310	1	F CA	A 94938 B 94938	8.593 0.009 8.782 0.010	9.198 0.033	8.423 0.023	289.779 549 62 -33.158 411 08	15.06 125.91 -1.00	15.06 125.91 -1.00	2.55 1.52 2.24 2.77 1.34	3.98 3.03 2.24 2.77 1.34	A 153.2	1.656												
19194+1943	1	IND D	A 94959 B 94961	8.237 0.022 11.289 0.313	8.285 0.007	8.195 0.008	289.859 127 91 +19.718 385 94	2.81 -3.93 -3.56	-5.67 -8.03 -52.31	1.57 1.63 1.90 1.63 1.77	76.62 81.13 62.04 49.61 54.78	A 22.5	19.91 0.0 -0.05												
19194-0137	1	F CA	A 94960 P 94960	10.969 0.037 11.371 0.053			289.860 417 20 -1.616 036 93	16.38 156.88 98.35	16.38 156.88 98.35	5.84 4.96 6.03 5.25 3.75	10.55 7.98 6.03 5.25 3.75	A 165	0.37												
19196+4035	1	F CA	A 94973 S 94973	8.648 0.158 9.112 0.242			289.900 445 55 +40.585 388 57	2.77 -0.72 -15.29	2.77 -0.72 -15.29	10.12 6.81 0.69 0.61 0.65	13.39 9.64 0.69 0.61 0.65	A 253	0.13												
19197-2836	1	F CA	A 94985 B 94985	9.937 0.024 10.256 0.032			289.914 373 17 -28.605 157 51	8.49 -20.92 -29.43	8.49 -20.92 -29.43	6.60 4.77 4.50 4.55 3.32	13.63 8.37 4.50 4.55 3.32	A 214	0.39												
19197-4049	1	F CA	A 94980 S 94980	10.303 0.283 10.500 0.340			289.912 343 16 -40.815 720 47	14.03 81.59 -122.64	14.03 81.59 -122.64	14.91 30.46 4.31 5.52 3.16	20.64 33.09 4.31 5.52 3.16	A 38	0.20												
19198-6254	1	F CA	A 94995 B 94995	8.554 0.006 9.149 0.010			289.947 788 50 -62.896 971 60	6.34 7.08 -98.25	6.34 7.08 -98.25	2.01 1.37 2.06 2.64 1.53	3.71 3.26 2.06 2.64 1.53	A 277.6	0.673												
19199+3532	1	I CA	A 95001 B 95000	8.352 0.005 9.469 0.012	9.328 0.015	8.291 0.011	289.970 118 07 +35.537 938 09	2.21 2.95 -0.78	3.08 -2.02 -6.19	1.61 1.75 1.61 1.67 2.31	5.41 5.49 4.13 4.65 6.18	A 315.19	10.81 -0.04 0.00												
19205-5939	1	F CA	A 95065 B 95065	9.412 0.011 9.546 0.012			290.136 064 15 -59.646 905 83	13.22 -185.31 -109.08	13.22 -185.31 -109.08	3.74 2.03 3.28 3.95 1.86	5.19 3.47 3.28 3.95 1.86	A 264.8	0.611												
19206+0256	1	F CA	A 95079 B 95079	8.175 0.005 8.549 0.007			290.162 063 46 +2.937 659 84	5.93 16.91 6.41	5.93 16.91 6.41	2.51 1.86 1.93 2.12 1.38	3.39 2.65 1.93 2.12 1.38	A 309	0.530												
19206+3911	1	F CA	A 95069 B 95069	9.256 0.007 11.179 0.039	9.280 0.016	9.262 0.021	290.143 209 49 +39.184 672 37	1.72 -1.44 -4.08	1.72 -1.44 -4.08	1.09 1.15 1.25 1.18 1.20	9.97 8.86 1.25 1.18 1.20	A 299.7	9.56												
19206-0645	1	F CA	A 95068 B 95068	8.633 0.166 9.259 0.295			290.141 939 19 -6.747 682 02	1.34 2.02 -0.45	1.34 2.02 -0.45	5.75 10.49 1.04 0.97 0.68	10.01 14.88 1.04 0.97 0.68	A 345	0.13												
19206-3959	1	F CA	A 95072 B 95072	7.800 0.016 8.760 0.038			290.147 430 73 -39.988 889 76	0.80 15.94 -9.39	0.80 15.94 -9.39	3.19 2.07 1.57 2.37 1.05	8.24 4.45 1.57 2.37 1.05	A 225	0.31												
19208-4932	1	I CA	A 95097 B 95094	10.073 0.009 11.441 0.027	10.341 0.035	9.947 0.040	290.198 129 20 -49.530 914 64	2.80 5.71 -33.89	10.58 20.45 -34.50	3.88 3.31 3.45 5.18 4.99	17.34 14.01 12.69 18.37 17.26	A 230.6	10.74 -0.1 -0.01												
19209-3303	1	I CA	A 95106 B 95110	8.275 0.015 10.262 0.064	8.945 0.020	8.193 0.017	290.223 186 22 -33.052 588 46	20.77 9.42 -150.12	25.92 17.14 -143.67	3.05 2.03 2.34 3.63 1.92	24.77 15.23 13.67 20.63 11.07	A 125.5	13.71 0.0 0.00												
19210+1909	1	F CA	A 95116 B 95116	7.054 0.005 9.272 0.034	7.432 0.005	6.987 0.006	290.249 385 79 +19.145 385 95	17.07 60.80 62.20	17.07 60.80 62.20	0.88 0.84 1.09 1.02 1.06	6.34 7.22 1.09 1.02 1.06	A 282.6	8.79												
19211-1159	1	F CA	A 95122 B 95122	8.976 0.008 12.216 0.155	9.024 0.012	8.981 0.016	290.264 696 49 -11.980 150 49	1.80 4.64 -1.83	1.80 4.64 -1.83	1.76 1.04 2.00 1.91 1.25	40.79 26.06 2.00 1.91 1.25	A 179	3.57												
19211-6352	1	F CA	A 95123 B 95123	9.699 0.085 11.658 0.514			290.266 410 29 -63.865 626 02	2.12 5.39 -17.51	2.12 5.39 -17.51	10.80 6.88 2.28 2.65 2.13	49.05 43.13 2.28 2.65 2.13	A 229	0.23												
19214+1948	1	F CA	A 95140 B 95140	9.854 0.013 11.347 0.051	10.137 0.022	9.614 0.021	290.347 979 74 +19.798 242 89	-0.99 -1.29 -3.21	-0.99 -1.29 -3.21	1.78 2.10 2.55 1.82 2.23	10.02 13.58 2.55 1.82 2.23	A 27.2	1.25												
19214+3241	1	F CA	A 95146 B 95146	7.549 0.004 10.672 0.066			290.362 104 19 +32.677 790 99	1.45 1.11 -3.28	1.45 1.11 -3.28	0.95 0.96 0.92 0.83 0.99	14.73 20.74 0.92 0.83 0.99	A 296	0.51												



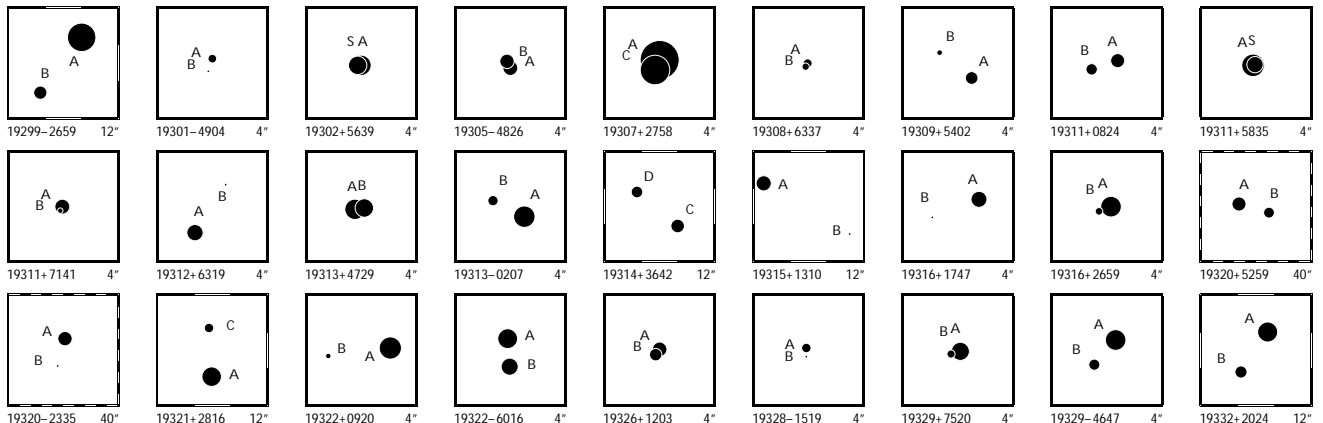
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	σ	σ	σ	α	δ	μ_{α^*}		μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
19246+0524	1	F CB	A 95421 B 95421	9.231 12.661	0.009 0.200						291.151 088 13 291.150 863 73	+5.399 613 31 +5.399 627 07	7.93 7.93	10.78 10.78	6.60 6.60	2.17 68.19	1.54 57.36	2.35 2.35	2.61 2.61	1.72 1.72	A	274		0.81		
19246+0629	1	F CA	A 95418 B 95418	10.661 10.876	0.305 0.372						291.147 546 87 291.147 550 75	+6.475 105 38 +6.475 142 63	0.25 0.25	0.72 0.72	-3.68 -3.68	10.94 12.80	25.88 15.37	1.72 1.72	1.83 1.83	1.20 1.20	A	6		0.13		
19246+2131	1	L CA	A 95414 B 95414	8.487 10.261	0.005 0.024	8.765	0.011	8.407	0.011		291.138 867 26 291.140 038 96	+21.515 912 88 +21.515 412 75	4.69 4.69	15.37 7.77	43.71 -71.91	1.21 6.55	1.49 9.18	1.66 1.66	1.15 4.25	1.47 7.22	A	114.6	4.318	+1.4	+0.041	
19247+1005	1	F CA	A 95425 B 95425	8.151 10.269	0.052 0.362						291.171 922 39 291.171 936 72	+10.086 477 61 +10.086 530 39	4.41 4.41	-1.77 -1.77	-14.91 -14.91	3.43 25.21	5.64 25.84	1.07 1.07	0.98 0.98	0.74 0.74	A	15		0.20		
19247+2337	1	F CA	A 95434 B 95434	8.491 11.054	0.010 0.104	9.802	0.021	8.417	0.012	11.647	0.132	10.715	0.094	2.60 2.60	0.94 0.94	-8.03 -8.03	1.30 17.04	1.50 17.18	1.74 1.74	1.39 1.39	1.80 1.80	A	359.7		7.72	
19247-1241	1	F CA	A 95424 B 95424	9.220 12.272	0.007 0.111						291.170 878 02 291.170 938 89	-12.682 760 29 -12.682 876 61	6.80 6.80	17.15 17.15	-6.93 -6.93	2.12 40.14	1.72 26.15	1.87 1.87	1.82 1.82	1.17 1.17	A	153		0.47		
19249-1150	1	F CA	A 95442 B 95442	9.133 11.500	0.006 0.054	9.172	0.015	9.081	0.019		291.216 937 15 291.217 391 05	-11.841 067 55 -11.841 061 62	1.91 1.91	3.33 3.33	-9.47 -9.47	1.82 23.45	1.23 11.39	1.81 1.81	1.83 1.83	1.16 1.16	A	89.2		1.60		
19249-5148	1	F CA	A 95441 B 95441	9.529 11.680	0.009 0.057	10.248	0.034	9.492	0.028		291.213 384 62 291.213 662 09	-51.807 873 03 -51.808 409 12	14.36 14.36	9.49 9.49	10.08 10.08	2.04 18.50	1.68 15.42	2.22 2.22	2.54 2.54	1.69 1.69	A	162		2.03		
19250+3001	1	F CA	A 95452 B 95452	9.266 10.798	0.035 0.142						291.250 433 42 291.250 353 43	+30.012 125 10 +30.012 097 90	-1.51 -1.51	0.20 0.20	-1.80 -1.80	5.53 14.52	3.72 14.78	1.44 1.44	1.22 1.22	1.20 1.20	A	249		0.27		
19251+1839	1	F CA	B 95455 A 95455	9.429 9.601	0.006 0.007						291.263 887 56 291.263 677 57	+18.649 856 60 +18.649 749 83	4.24 4.24	24.52 24.52	6.20 6.20	2.65 3.43	2.56 3.20	2.91 2.91	2.35 2.35	2.45 2.45	B	241.8		0.813		
19251+2213	1	F CA	A 95462 B 95462	9.218 9.920	0.049 0.093						291.286 841 76 291.286 836 11	+22.215 786 35 +22.215 849 41	2.62 2.62	0.66 0.66	-7.00 -7.00	2.28 5.40	6.01 9.62	1.41 1.41	1.20 1.20	1.37 1.37	A	355		0.23		
19252+0227	1	F CA	A 95470 B 95470	8.615 9.525	0.006 0.013	9.016	0.017	8.490	0.014	9.879	0.047	9.248	0.033	10.60 10.60	29.98 29.98	92.06 92.06	2.16 4.97	1.45 4.29	2.35 2.35	2.25 2.25	1.48 1.48	A	327.1		2.073	
19253+0739	1	F CA	A 95478 B 95478	9.014 10.855	0.008 0.040	9.143	0.016	8.892	0.018		291.320 670 67 291.320 952 21	+7.657 907 34 +7.658 136 26	4.34 4.34	4.85 4.85	-8.13 -8.13	2.31 19.01	1.64 15.34	2.35 2.35	2.79 2.79	1.96 1.96	A	51		1.30		
19257-6211	1	F CA	A 95517 B 95517	7.747 11.261	0.004 0.095	8.166	0.007	7.685	0.008		291.430 437 07 291.431 920 48	-62.186 352 44 -62.185 808 10	10.11 10.11	53.94 53.94	-146.38 -146.38	0.92 23.88	0.72 18.07	1.14 1.14	1.12 1.12	0.96 0.96	A	51.8		3.17		
19258+1437	1	F CA	A 95522 B 95522	8.305 10.761	0.005 0.043	8.732	0.012	8.239	0.012	11.208	0.118	10.480	0.098	11.22 11.22	14.63 14.63	-26.53 -26.53	1.03 9.98	0.92 9.65	1.27 1.27	0.97 0.97	0.89 0.89	A	352.4		5.51	
19258+2846	1	F CA	A 95521 B 95521	7.751 8.967	0.004 0.011	7.741	0.007	7.697	0.008	8.934	0.023	8.743	0.028	5.03 5.03	12.30 12.30	4.17 4.17	0.80 3.23	1.01 4.40	1.22 1.22	0.88 0.88	1.16 1.16	A	338.16		4.530	
19260+1533	1	F CA	A 95542 B 95542	8.243 11.436	0.005 0.099	9.071	0.009	8.162	0.007		291.503 621 55 291.503 843 05	+15.556 847 80 +15.557 163 97	3.18 3.18	8.97 8.97	-7.82 -7.82	1.00 23.57	0.88 23.95	1.39 1.39	1.18 1.18	0.99 0.99	A	34		1.37		
19260+3611	1	F CA	P 95537 B 95537	7.921 8.238	0.317 0.424						291.493 058 32 291.493 070 92	+36.186 494 30 +36.186 527 13	1.84 1.84	3.99 3.99	-0.11 -0.11	5.84 8.99	20.53 21.76	0.65 0.65	0.55 0.55	0.70 0.70	A	17		0.12		
19261+3849	1	F CA	A 95549 B 95549	8.536 9.685	0.005 0.015						291.524 761 49 291.524 402 04	+38.813 646 71 +38.813 620 53	4.23 4.23	22.86 22.86	-14.47 -14.47	1.04 4.69	1.15 4.81	1.21 1.21	0.99 0.99	1.32 1.32	A	264.7		1.013		
19264-1433	1	F CB	A 95574 B 95574	6.791 9.795	0.033 0.518						291.602 274 66 291.602 308 30	-14.551 195 56 -14.551 154 94	7.82 7.82	42.91 42.91	-7.85 -7.85	2.99 64.61	2.35 38.92	0.75 0.75	0.70 0.70	0.43 0.43	A	39		0.19		
19265-1308	1	F ND	D 95579 B 95579	9.955 10.684	0.035 0.067	11.273	0.104	9.811	0.045		291.613 792 46 291.614 933 04	-13.131 915 20 -13.131 587 07	14.45 14.45	17.57 17.57	3.85 3.85	5.37 17.16	3.53 11.19	4.77 4.77	5.31 5.31	3.34 3.34	A	73.5		4.17		
19266+2530	1	L CA	A 95593 B 95593	9.292 9.642	0.006 0.008	9.445	0.012	9.140	0.014	9.663	0.015	9.423	0.018	4.06 4.06	16.46 2.95	-13.69 -0.75	1.83 3.39	2.77 5.37	3.42 3.42	1.62 2.28	2.98 4.86	A	85.92	5.622	-0.14	-0.013
19266+2619	1	F CA	A 95594 B 95594	9.033 12.085	0.008 0.125						291.654 807 36 291.654 698 91	+26.312 311 44 +26.312 116 30	1.61 1.61	6.29 6.29	-1.68 -1.68	0.97 17.04	1.47 28.22	1.75 1.75	1.07 1.07	1.86 1.86	A	206		0.78		
19266+2719	1	L CA	A 95589 B 95589	8.211 8.479	0.004 0.005	8.697	0.011	8.124	0.010	8.942	0.013	8.316	0.012	13.96 13.96	102.26 90.74	87.57 89.43	1.31 2.07	1.52 2.36	1.78 1.78	1.13 1.74	1.38 2.64	A	291.6	1.974	-0.1	+0.011
19266+3120	1	F CA	A 95590 B 95590	8.454 10.784	0.006 0.048						291.641 717 09 291.641 667 36	+31.331 505 98 +31.331 388 22	9.81 9.81	7.46 7.46	-14.85 -14.85	1.17 13.23	1.49 13.30	1.28 1.28	0.91 0.91	1.18 1.18	A	200		0.45		
19267+3221	1	I CA	A 95599 B 95596	8.825 10.512	0.010 0.041	9.183	0.012	8.767	0.012	10.667	0.043	10.238	0.050	1.98 -1.56	27.69 19.05	-14.58 -19.70	1.79 9.64	2.11 12.89	2.11 6.10	1.95 8.37	2.21 9.38	A	243.42	14.35	0.00	+0.01
19269+1204	1	F CA	A 95620 B 95620	7.402 8.684	0.003 0.010						291.736 462 36 291.736 402 02	+12.062 087 75 +12.061 916 19	2.67 2.67	5.13 5.13	-12.01 -12.01	0.94 3.31	0.87 3.02	1.26 1.26	0.95 0.95	0.87 0.87	A	199.0		0.653		



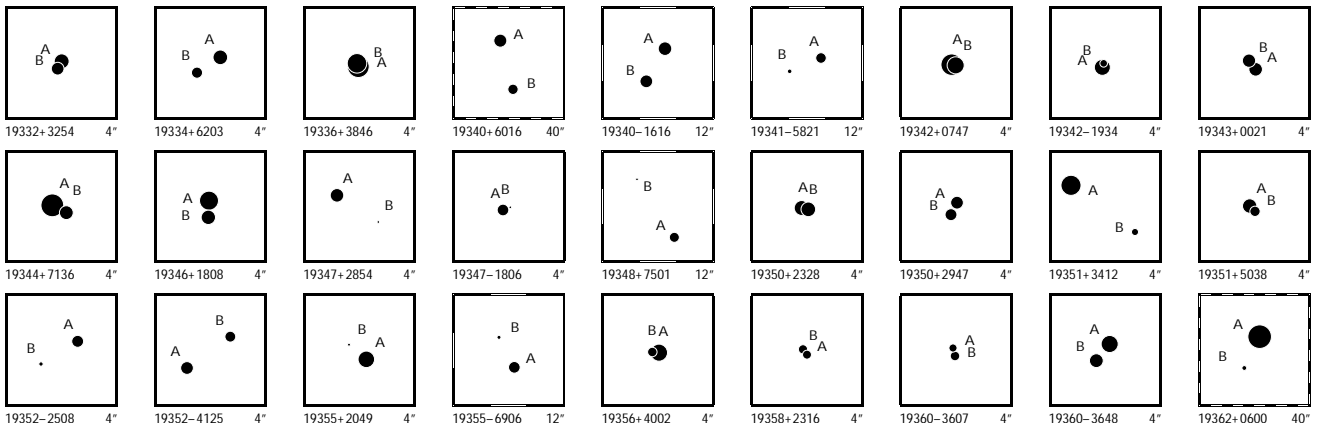
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry												
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt						
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
19269+1818	1	F C B	A 95617 B 95617	9.066 0.023 12.109 0.383								291.727 781 55 +18.302 394 36 291.727 850 43 +18.302 363 98	3.58 3.58	16.94 16.94	5.77 5.77	4.84 4.71 2.08 1.41 1.60 59.57 64.04 2.08 1.41 1.60	A	115	0.26										
19269+2108	1	F C A	A 95612 B 95612	8.066 0.006 8.189 0.007	7.980 0.013 8.153 0.011	7.976 0.013 8.092 0.013						291.701 574 10 +21.162 847 02 291.702 569 57 +21.161 348 31	2.24 2.24	3.95 3.95	-6.70 -6.70	1.41 1.56 1.85 1.51 1.91 2.17 2.45 1.85 1.51 1.91	A	148.22	6.347										
19269-3900	1	F C A	A 95615 B 95615	10.541 0.041 11.078 0.066								291.721 667 71 -38.993 471 60 291.721 586 66 -38.993 410 27	2.95 2.95	12.60 12.60	-9.77 -9.77	5.23 4.74 3.11 3.67 2.04 11.54 10.74 3.11 3.67 2.04	A	314	0.32										
19270+7321	1	F C A	A 95625 B 95625	8.528 0.005 8.544 0.005	8.728 0.019 8.756 0.016	8.369 0.016 8.406 0.019						291.747 817 83 +73.366 291 76 291.746 042 63 +73.366 111 53	6.59 6.59	12.15 12.15	41.56 41.56	1.75 1.39 1.48 1.67 1.27 3.25 2.79 1.48 1.67 1.27	A	250.5	1.941										
19272+1626	1	F C A	A 95634 B 95634	9.235 0.010 11.283 0.066								291.789 951 54 +16.441 008 82 291.789 953 35 +16.440 905 56	5.23 5.23	-0.47 -0.47	-9.91 -9.91	1.44 1.97 1.80 1.56 1.44 8.69 10.62 1.80 1.56 1.44	A	179	0.37										
19273+2040	1	F C A	G A 95646 C 95646 B 95646	8.478 0.010 10.150 0.034 11.011 0.086	10.435 0.078	9.735 0.070						291.836 883 53 +20.668 891 10 291.837 251 09 +20.670 034 17 291.886 775 78 +20.669 110 35	5.86 5.86 5.86	4.31 4.31 4.31	-6.07 -6.07 -6.07	1.42 1.73 2.34 1.64 2.31 12.32 8.17 2.34 1.64 2.31 15.53 14.11 2.34 1.64 2.31	A	16.7	4.30										
19274+1359	1	I N B	A 95649 S 95652	9.658 0.019 10.494 0.038	10.070 0.022 10.811 0.052	9.541 0.021 10.308 0.053						291.844 498 89 +13.988 466 44 291.848 137 42 +13.988 365 98	14.58 15.12	-0.99 15.72	-13.14 54.76	4.05 3.45 4.14 3.77 3.43 13.92 11.82 9.78 8.68 8.19	A	91.63	12.72	-0.31	+0.01								
19275-3123	1	L C A	B 95662 A 95662	9.791 0.011 9.820 0.011								291.887 661 48 -31.383 842 37 291.887 243 03 -31.383 884 68	14.25 14.25	-25.08 -31.90	-66.86 -73.17	4.24 3.01 2.89 3.48 1.97 5.26 3.55 2.89 4.85 2.37	B	263.2	1.295	-0.2	+0.008								
19277+3632	1	F C A	A 95679 B 95679	8.198 0.005 8.408 0.006	8.137 0.011 8.319 0.013	8.169 0.015 8.372 0.016						291.919 239 39 +36.528 998 36 291.921 361 03 +36.529 855 47	1.95 1.95	6.56 6.56	5.59 5.59	1.13 1.29 1.30 1.14 1.52 2.13 3.00 1.30 1.14 1.52	A	63.31	6.869										
19277-5954	1	F C B	A 95675 B 95675	8.477 0.170 10.353 0.959								291.913 540 83 -59.907 792 14 291.913 605 34 -59.907 812 87	0.57 0.57	2.13 2.13	-9.91 -9.91	11.38 4.91 1.05 0.82 0.78 47.72 44.48 1.05 0.82 0.78	A	123	0.14										
19279-2930	1	F C A	A 95695 B 95695	8.636 0.009 8.944 0.012								291.965 070 21 -29.498 517 19 291.965 390 10 -29.498 725 08	5.98 5.98	3.58 3.58	-9.72 -9.72	3.99 2.40 3.08 3.12 2.32 12.35 5.39 3.08 3.12 2.32	A	126.7	1.25										
19281-7225	1	I N D	D A 95712 B 95704	9.348 0.016 11.688 0.133	10.710 0.030	9.266 0.015						292.015 063 61 -72.418 664 09 292.001 336 46 -72.418 078 36	6.33 -11.74	1.70 14.03	-57.07 -57.38	2.12 2.42 2.72 2.03 2.97 36.32 40.33 32.24 23.94 33.84	A	278.0	15.08	0.0	-0.01								
19282-0932	1	I C A	A 95724 B 95726	8.450 0.009 8.678 0.011	8.744 0.013 8.972 0.014	8.354 0.013 8.562 0.015						292.053 834 72 -9.537 686 15 292.056 552 12 -9.539 496 23	4.62 6.62	4.84 6.76	-27.57 -29.25	4.04 2.43 3.11 4.11 2.25 7.05 4.26 3.66 5.18 2.90	A	124.04	11.642	0.00	+0.003								
19282-1209	1	L C A	A 95722 S 95722	8.364 0.007 8.554 0.008								292.051 085 95 -12.144 610 06 292.050 997 97 -12.144 726 37	26.29 26.29	68.90 3.56	-87.46 -67.83	3.05 2.14 2.19 2.95 1.82 5.61 3.01 2.19 7.13 2.68	A	216	0.521	+7	+0.023								
19283+1232	1	F C B	A 95730 B 95730	9.332 0.011 12.504 0.198	10.576 0.042	9.293 0.022						292.064 280 45 +12.536 000 21 292.064 437 48 +12.536 463 64	36.33 36.33	-52.85 -52.85	-39.76 -39.76	1.88 1.63 2.45 1.90 1.57 47.02 40.29 2.45 1.90 1.57	A	18	1.76										
19284-4353	1	F C A	A 95734 B 95734	7.921 0.006 9.356 0.020								292.090 160 17 -43.884 643 37 292.087 962 25 -43.884 955 62	17.07 17.07	-111.75 -111.75	-94.68 -94.68	1.59 1.20 1.62 2.29 1.07 6.78 4.46 1.62 2.29 1.07	A	258.85	5.81										
19286+3711	1	F C A	A 95759 B 95759	8.356 0.004 9.769 0.014								292.157 102 55 +37.188 582 25 292.156 867 99 +37.188 714 21	4.00 4.00	3.85 3.85	-20.72 -20.72	1.03 1.01 1.20 1.01 1.14 4.82 5.02 1.20 1.01 1.14	A	305.2	0.824										
19288+4603	1	F C A	D A 95777 B 95777	8.914 0.148 9.381 0.228								292.198 175 10 +46.043 942 38 292.198 220 40 +46.043 910 58	0.10 0.10	5.27 5.27	-1.91 -1.91	8.31 10.03 0.70 0.80 0.70 13.00 12.99 0.70 0.80 0.70	A	135	0.16										
19290+1515	1	F C A	A 95787 B 95787	8.440 0.021 9.906 0.080								292.240 541 46 +15.243 252 02 292.240 461 68 +15.243 232 82	2.60 2.60	5.35 5.35	-11.06 -11.06	3.25 1.33 1.20 0.97 0.92 9.95 5.22 1.20 0.97 0.92	A	256	0.29										
19293-6833	1	F C C	A 95815 B 95815	9.442 0.147 11.789 1.276								292.331 349 46 -68.554 912 42 292.331 465 58 -68.554 888 46	1.66 1.66	16.87 16.87	-16.40 -16.40	10.73 6.77 1.32 0.81 1.18 92.48 67.09 1.32 0.81 1.18	A	61	0.18										
19295+7816	1	I C A	A 95832 B 95836	7.739 0.008 8.424 0.013	8.033 0.010 8.711 0.012	7.674 0.009 8.277 0.012						292.375 124 41 +78.265 492 32 292.380 062 47 +78.268 446 73	9.38 9.42	28.87 29.87	6.48 5.60	1.95 1.78 1.56 1.78 1.79 5.76 5.23 2.38 3.66 3.48	A	18.77	11.233	+0.01	-0.001								
19296+1224	1	F C A	A 95845 B 95845	8.178 0.031 9.500 0.105								292.399 468 38 +12.404 373 93 292.399 469 00 +12.404 312 90	3.62 3.62	-4.02 -4.02	-9.60 -9.60	2.01 3.69 1.19 0.90 0.78 6.78 10.00 1.19 0.90 0.78	A	179	0.22										
19296-1239	1	L C A	A 95847 B 95847	7.349 0.004 8.390 0.011								292.407 505 70 -12.646 622 57 292.407 404 20 -12.646 556 56	15.08 15.08	98.08 115.17	-37.48 -33.88	1.47 1.02 1.10 1.17 0.73 4.49 3.46 1.10 2.55 1.79	A	303.7	0.428	+1.7	-0.012								
19298+3936	1	F N D	D A 95859 B 95859	9.259 0.012 12.983 0.344	9.801 0.024	9.170 0.022						292.450 540 58 +39.603 370 78 292.455 656 55 +39.603 516 86	5.81 5.81	-11.96 -11.96	25.50 25.50	1.29 1.26 1.44 1.43 1.50 85.15 82.06 1.44 1.43 1.50	A	87.9	14.20										
19298-1102	1	F N D	A 95862 B 95862	9.428 0.279 10.953 1.139								292.453 460 87 -11.030 310 32 292.453 452 07 -11.030 279 84	5.13 5.13	8.94 8.94	-9.88 -9.88	5.84 10.58 1.32 1.20 0.72 29.61 74.70 1.32 1.20 0.72	A	344	0.11										
19298-6718	1	I N B	A 95857 B 95860	7.858 0.006 9.464 0.019	8.857 0.012 10.171 0.020	7.787 0.008 9.370 0.017						292.439 242 31 -67.308 307 62 292.451 616 01 -67.314 283 30	5.04 -2.34	-1.50 20.30	-16.86 -47.39	1.41 1.56 1.81 1.25 1.65 5.93 7.10 5.89 3.93 5.44	A	141.39	27.532	0.00	+0.037								
19299+4931	1	F C A	A 95869 B 95869	8.396 0.005 9.562 0.014	8.353 0.010 9.433 0.022	8.321 0.012 9.286 0.028						292.480 371 56 +49.508 792 49 292.480 172 34 +49.508 194 54	0.80 0.80	8.89 8.89	8.87 8.87	1.04 0.99 1.02 1.10 1.00 3.94 4.02 1.02 1.10 1.00	A	192.2	2.202										



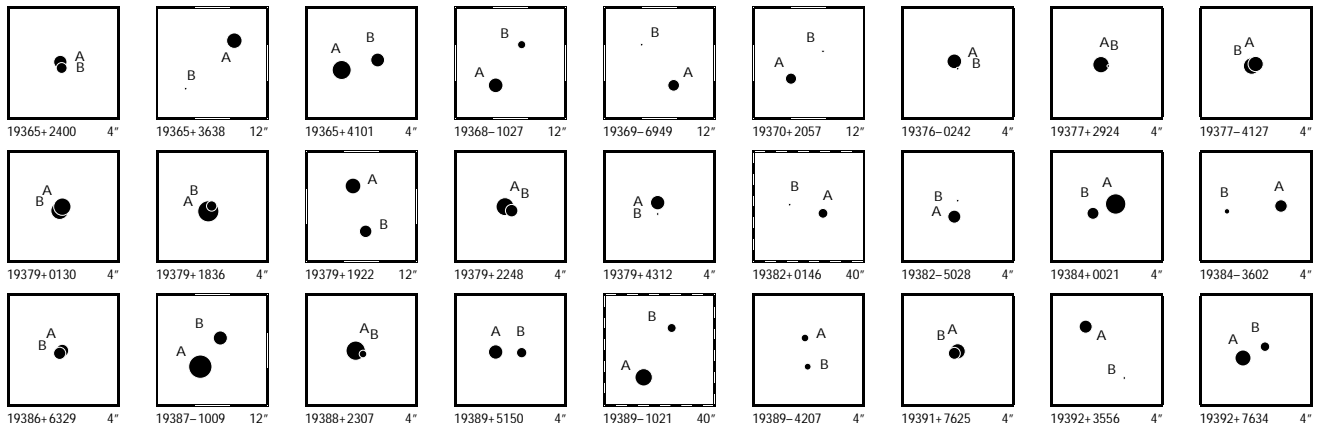
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19299-2659	1	F CA	A 95865 B 95865	5.673 0.003 9.050 0.067	6.955 0.007 9.609 0.028	5.619 0.004 8.825 0.023		292.467 385 03 292.468 805 13	-26.985 510 60 -26.987 196 88	12.85 12.85	22.16 22.16	-42.97 -42.97	1.07 0.97 1.35 27.55 13.59 1.35	1.21 0.67 1.21 0.67	A	143.1	7.59										
19301-4904	1	F CC	A 95891 B 95891	10.097 0.011 12.996 0.146				292.534 595 57 292.534 654 11	-49.065 949 46 -49.066 073 73	13.28 13.28	-26.29 -26.29	-25.77 -25.77	2.73 2.48 2.82 54.20 40.63 2.82	3.32 2.53 3.32 2.53	A	163	0.47										
19302+5639	1	F CA	A 95901 S 95901	7.493 0.079 7.935 0.118				292.552 474 28 292.552 555 10	+56.644 460 85 +56.644 456 89	3.92 3.92	-7.23 -7.23	-16.05 -16.05	6.74 3.77 0.51 7.98 5.61 0.51	0.57 0.53 0.57 0.53	A	95	0.161										
19305-4826	1	L CA	A 95925 B 95925	8.693 0.029 8.810 0.032				292.631 523 60 292.631 569 74	-48.435 977 41 -48.435 910 13	13.39 13.39	-49.60 -45.08	-53.54 -30.10	5.19 4.24 1.56 5.03 4.38 1.56	3.99 2.31 4.27 2.44	A	24	0.266	-1	+0.023								
19307+2758	1	L CA	A 95947 C 95947	3.362 0.002 5.479 0.015				292.680 355 29 292.680 412 45	+27.959 694 80 +27.959 599 11	8.46 8.46	-7.09 5.04	-5.63 6.48	0.59 0.64 0.58 4.72 4.42 0.58	0.52 0.66 2.40 2.97	A	152.2	0.389	-2.4	-0.005								
19308+6337	1	F CA	A 95955 B 95955	10.046 0.168 10.360 0.225				292.698 173 44 292.698 224 68	+63.617 874 58 +63.617 836 18	4.86 4.86	19.97 19.97	0.00 0.00	10.40 12.38 0.85 11.89 13.74 0.85	1.04 1.01 1.04 1.01	A	149	0.16										
19309+5402	1	F CA	A 95968 B 95968	9.200 0.008 10.739 0.031	9.221 0.018	9.044 0.021		292.730 579 22 292.731 134 85	+54.026 648 54 +54.026 907 02	2.60 2.60	2.65 2.65	-14.74 -14.74	1.30 1.22 1.17 7.65 6.68 1.17	1.26 1.24 1.26 1.24	A	51.6	1.50										
19311+0824	1	F CA	A 95983 B 95983	8.886 0.006 9.472 0.010				292.763 078 96 292.763 352 05	+8.395 806 17 +8.395 714 86	12.60 12.60	-5.89 -5.89	-43.05 -43.05	1.62 1.24 1.75 4.57 2.89 1.75	2.13 1.45 2.13 1.45	A	108.7	1.027										
19311+5835	1	F CB	A 95995 S 95995	7.017 0.138 8.405 0.496				292.785 612 95 292.785 561 09	+58.586 975 16 +58.586 982 03	59.84 59.84	-510.04 -510.04	-397.54 -397.54	6.47 5.67 0.64 28.82 16.31 0.64	0.68 0.68 0.68 0.68	A	284	0.10										
19311+7141	1	F CB	A 95993 B 95993	8.715 0.139 10.821 0.970				292.778 728 85 292.778 779 72	+71.681 550 02 +71.681 509 54	1.97 1.97	-4.14 -4.14	-2.82 -2.82	3.58 11.47 0.73 46.06 53.27 0.73	0.81 0.75 0.81 0.75	A	158	0.16										
19312+6319	1	F ND	D A 96002 B 96002	8.415 0.006 11.996 0.141	9.299 0.020	8.343 0.015		292.801 070 32 292.800 385 73	+63.314 535 04 +63.315 036 32	2.04 2.04	40.89 40.89	22.82 22.82	1.13 0.95 0.98 36.93 31.78 0.98	1.22 1.01 1.22 1.01	A	328	2.12										
19313+4729	1	L CA	A 96011 B 96011	7.504 0.012 7.925 0.018				292.818 237 31 292.818 102 41	+47.481 271 53 +47.481 282 57	3.98 3.98	-13.27 -7.15	-37.68 -27.53	1.83 1.38 0.79 2.88 3.10 0.79	0.91 1.01 1.24 1.70	A	276.9	0.331	+1.9	-0.005								
19313-0207	1	F CA	A 96007 B 96007	7.230 0.009 9.725 0.067	7.270 0.009	7.136 0.011		292.815 766 19 292.816 083 89	-2.110 205 65 -2.110 045 13	0.77 0.77	-0.99 -0.99	-2.06 -2.06	1.37 0.88 1.43 14.93 10.15 1.43	1.67 0.82 1.67 0.82	A	63.2	1.28										
19314+3642	1	F CA	C 96019 D 96019	9.002 0.008 9.413 0.011	9.398 0.019 9.822 0.024	8.885 0.018 9.262 0.023		292.842 445 20 292.844 011 29	+36.704 851 50 +36.705 896 20	8.06 8.06	-1.14 -1.14	1.60 1.60	1.40 1.43 1.54 3.29 3.25 1.54	1.46 1.44 1.46 1.44	C	50.24	5.880										
19315+1310	1	F CB	A 96032 B 96032	8.648 0.008 11.801 0.131	9.197 0.015	8.568 0.014		292.885 468 33 292.882 742 56	+13.166 267 53 +13.164 697 71	13.59 13.59	45.70 45.70	26.07 26.07	1.25 1.23 1.72 32.22 32.68 1.72	1.22 1.08 1.22 1.08	A	239.4	11.10										
19316+1747	1	F CA	A 96037 B 96037	8.450 0.004 11.384 0.060	9.071 0.011	8.388 0.010		292.907 517 26 292.908 026 38	+17.783 237 06 +17.783 058 96	21.01 21.01	4.80 4.80	-116.17 -116.17	0.96 0.95 1.43 14.19 17.09 1.43	1.01 1.05 1.01 1.05	A	110	1.86										
19316+2659	1	F CA	A 96034 B 96034	7.414 0.003 10.305 0.037				292.901 569 19 292.901 709 45	+26.986 570 23 +26.986 522 63	1.25 1.25	0.91 0.91	-4.33 -4.33	0.69 0.87 0.96 7.42 15.13 0.96	0.59 0.95 0.59 0.95	A	111	0.48										
19320+5259	1	L CA	A 96066 B 96061	8.891 0.010 9.619 0.018	8.876 0.014 9.710 0.026	8.802 0.018 9.521 0.033		292.990 095 05 292.984 969 94	+52.985 242 71 +52.984 337 95	4.52 4.68	-5.36 -6.42	1.04 4.71	2.86 2.50 2.34 6.88 7.91 3.67	2.36 2.50 3.60 4.17	A	253.66	11.575	+0.02	0.000								
19320-2335	1	F CC	A 96067 B 96067	8.845 0.007 12.562 0.216	10.065 0.036	8.847 0.021		292.993 549 09 292.994 422 79	-23.576 031 21 -23.578 842 95	3.30 3.30	6.49 6.49	-4.04 -4.04	2.01 1.41 2.32 102.55 59.43 2.32	2.48 1.33 2.48 1.33	A	164	10.52										
19321+2816	1	F CA	A 96083 C 96083	7.690 0.003 9.890 0.022	7.686 0.006 10.335 0.049	7.652 0.008 9.781 0.053		293.024 637 46 293.024 736 06	-28.266 804 06 +28.268 314 13	5.22 5.22	3.41 3.41	-3.45 -3.45	0.62 0.73 0.89 5.01 5.35 0.89	0.68 0.93 0.68 0.93	A	3.3	5.45										
19322+0920	1	F CA	A 96092 B 96092	7.096 0.005 10.814 0.153	7.119 0.007	7.060 0.007		293.052 851 82 293.053 486 88	+9.334 285 59 +9.334 203 22	2.21 2.21	9.54 9.54	-0.65 -0.65	1.00 0.72 1.17 29.34 19.98 1.17	1.16 0.72 1.16 0.72	A	97	2.28										
19322-6016	1	F CA	A 96090 B 96090	7.607 0.004 8.222 0.008				293.049 509 55 293.049 465 39	-60.269 636 54 -60.269 921 42	2.69 2.69	19.42 19.42	-35.75 -35.75	1.04 0.77 1.31 2.15 1.68 1.31	1.13 1.04 1.13 1.04	A	184.4	1.029										
19326+1203	1	L CA	A 96120 B 96120	8.747 0.038 9.218 0.058				293.155 212 03 293.155 246 33	+12.043 623 98 +12.043 572 40	6.65 6.65	27.37 32.34	24.33 12.07	3.09 4.23 1.27 4.98 6.38 1.27	1.79 1.88 2.65 2.91	A	147	0.222	+1	+0.013								
19328-1519	1	F CA	A 96134 B 96134	9.886 0.025 11.699 0.129				293.206 852 52 293.206 858 23	-15.323 113 72 -15.323 191 92	3.09 3.09	1.92 1.92	-10.93 -10.93	2.74 3.98 1.94 16.82 17.65 1.94	2.05 1.25 2.05 1.25	A	176	0.28										
19329+7520	1	F CA	A 96137 B 96137	7.960 0.006 10.185 0.046				293.217 419 63 293.217 803 38	+75.331 039 64 +75.331 014 02	4.03 4.03	-0.04 -0.04	-7.27 -7.27	1.29 1.22 0.77 8.21 10.95 0.77	0.80 0.82 0.80 0.82	A	105	0.36										
19329-4647	1	F CB	A 96138 B 96138	7.421 0.009 9.541 0.061	8.515 0.013	7.305 0.009		293.219 958 38 293.220 277 54	-46.776 810 88 -46.777 060 30	8.19 8.19	71.49 71.49	-156.81 -156.81	2.59 1.91 2.48 34.41 22.18 2.48	3.27 2.68 3.27 2.68	A	139	1.19										
19332+2024	1	F CA	A 96171 B 96171	7.584 0.004 9.315 0.020	7.773 0.008 9.743 0.024	7.504 0.009 9.226 0.023		293.321 046 99 293.321 905 98	+20.414 019 59 +20.412 796 67	7.22 7.22	27.04 27.04	51.70 51.70	0.88 0.84 1.13 5.96 5.69 1.13	1.01 0.94 1.01 0.94	A	146.6	5.27										



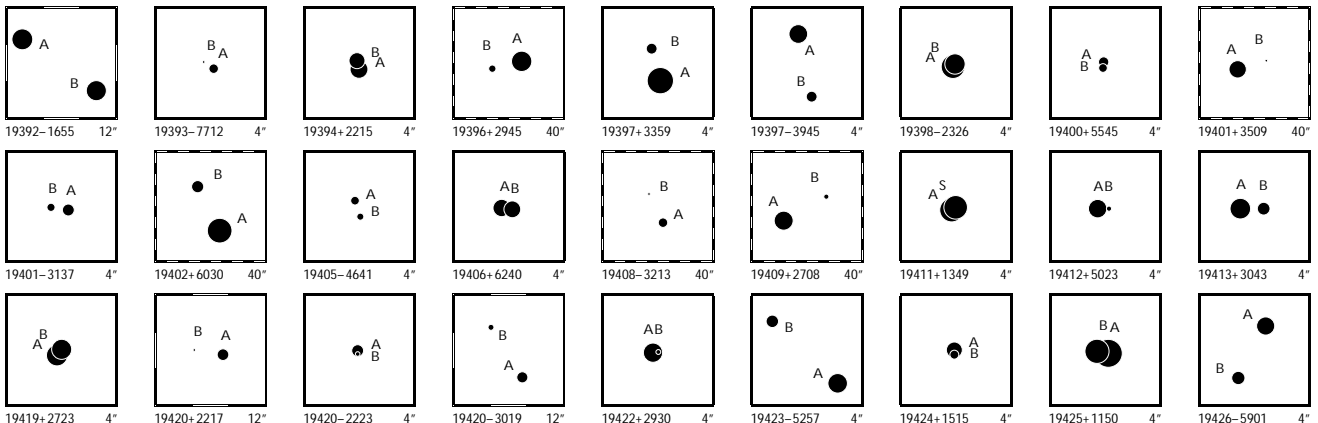
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19332+3254	1	F CA	A 96162 B 96162	8.682 0.034 9.169 0.053				293.287 226 40 293.287 268 81	+32.894 113 57 +32.894 042 87	3.16 3.16	1.57 -3.73 1.57 -3.73	2.97 5.17 1.04 0.89 1.24 4.41 6.92 1.04 0.89 1.24	A 153	0.285												
19334+6203	1	F CA	A 96180 B 96180	8.739 0.006 9.546 0.013				293.343 495 94 293.343 988 80	+62.053 168 32 +62.053 011 71	6.10 6.10	32.17 -5.53 32.17 -5.53	1.26 1.25 1.16 1.22 1.28 3.72 4.08 1.16 1.22 1.28	A 124.1	1.005												
19336+3846	1	L CA	A 96195 B 96195	7.187 0.113 7.681 0.178				293.401 787 50 293.401 800 91	+38.761 905 16 +38.761 939 58	7.76 7.76	8.91 27.86 3.82 16.32	3.57 7.03 0.57 2.57 1.60 5.55 9.96 0.57 3.97 2.41	A 17	0.130 -1	-0.013											
19340+6016	1	I CA	A 96216 B 96215	9.118 0.026 9.706 0.035	9.189 0.015 9.886 0.028	9.007 0.017 9.608 0.031		293.489 936 36 293.487 306 29	+60.276 440 64 +60.271 440 02	-4.07 -10.44	1.40 -7.49 -0.85 -6.72	3.07 2.85 2.44 3.21 3.85 12.11 13.65 4.75 5.68 7.71	A 194.62	18.60 +0.01	0.00											
19340-1616	1	F CA	A 96217 B 96217	9.029 0.008 9.152 0.008	10.208 0.032 10.226 0.039	8.928 0.018 9.025 0.024		293.490 612 93 293.491 201 42	-16.273 875 85 -16.274 860 10	1.05 1.05	0.87 -8.22 0.87 -8.22	2.70 1.59 2.51 2.50 1.69 4.64 3.16 2.51 2.50 1.69	A 150.1	4.085												
19341-5821	1	F CA	A 96230 B 96230	9.659 0.009 10.956 0.030	9.962 0.023	9.527 0.023		293.524 073 29 293.525 885 82	-58.346 733 12 -58.347 135 60	5.62 5.62	0.77 -17.44 0.77 -17.44	1.75 1.45 2.30 1.90 2.10 10.53 6.71 2.30 1.90 2.10	A 112.9	3.72												
19342+0747	1	F ND D	A 96241 B 96241	7.282 0.155 8.202 0.361				293.546 383 40 293.546 346 82	+7.785 793 70 +7.785 778 25	1.22 1.22	-1.68 -8.44 -1.68 -8.44	7.81 3.68 0.89 0.97 0.59 27.00 12.16 0.89 0.97 0.59	A 247	0.14												
19342-1934	1	F CB	A 96238 B 96238	8.477 0.181 10.290 0.961				293.539 243 99 293.539 227 64	-19.570 820 39 -19.570 788 07	3.49 3.49	-0.19 -16.78 -0.19 -16.78	6.59 12.55 1.14 0.98 0.56 35.38 37.51 1.14 0.98 0.56	A 335	0.13												
19343+0021	1	F CA	A 96257 B 96257	9.015 0.007 9.047 0.008				293.581 853 99 293.581 918 52	+0.354 240 81 +0.354 330 88	8.08 8.08	-22.03 -17.96 -22.03 -17.96	2.78 1.60 2.38 2.27 1.37 4.21 2.11 2.38 2.27 1.37	A 36	0.399												
19344+7136	1	F CA	A 96264 B 96264	6.953 0.003 8.959 0.017				293.604 928 08 293.604 483 55	+71.605 529 76 +71.605 448 20	15.19 15.19	-109.73 -71.64 -109.73 -71.64	0.84 0.66 0.67 0.74 0.64 5.16 4.95 0.67 0.74 0.64	A 240	0.584												
19346+1808	1	F CA	A 96280 B 96280	7.829 0.004 8.822 0.009				293.655 965 05 293.655 968 57	+18.128 062 71 +18.127 890 60	4.58 4.58	21.45 20.94 21.45 20.94	0.97 1.05 1.44 1.04 1.10 2.98 3.09 1.44 1.04 1.10	A 178.9	0.620												
19347+2854	1	F CA	A 96287 B 96287	8.981 0.010 12.191 0.182	9.863 0.020	8.918 0.015		293.667 916 41 293.667 429 80	+28.907 495 30 +28.907 213 75	16.46 16.46	43.10 -56.35 43.10 -56.35	1.34 1.73 1.92 1.46 2.04 27.20 46.35 1.92 1.46 2.04	A 237	1.84												
19347-1806	1	F CC	A 96291 B 96291	9.446 0.023 12.449 0.366				293.681 011 44 293.680 926 79	-18.101 207 73 -18.101 176 42	3.10 3.10	1.99 -13.32 1.99 -13.32	4.96 2.80 1.94 2.06 1.15 73.50 55.99 1.94 2.06 1.15	A 291	0.31												
19348+7501	1	F CA	A 96300 B 96300	9.756 0.009 12.153 0.077	10.130 0.026	9.692 0.027		293.704 105 50 293.708 467 77	+75.017 886 67 +75.019 652 33	5.03 5.03	-2.85 -14.79 -2.85 -14.79	1.29 1.28 1.25 1.33 1.38 16.99 17.01 1.25 1.33 1.38	A 32.6	7.54												
19350+2328	1	F CA	A 96317 B 96317	8.727 0.047 8.767 0.049				293.757 146 92 293.757 077 33	+23.474 266 53 +23.474 254 73	5.03 5.03	10.38 -1.60 10.38 -1.60	5.51 3.34 1.30 1.04 1.34 5.92 4.41 1.30 1.04 1.34	A 260	0.234												
19350+2947	1	F CA	A 96315 B 96315	9.174 0.009 9.338 0.011				293.753 423 25 293.753 494 78	+29.783 710 43 +29.783 582 55	3.12 3.12	1.32 1.42 1.32 1.42	1.65 2.45 2.23 1.54 2.37 2.87 3.48 2.23 1.54 2.37	A 154.1	0.512												
19351+3412	1	F CA	A 96328 B 96328	7.583 0.003 10.413 0.042	7.648 0.007	7.543 0.008		293.781 044 32 293.780 254 66	+34.199 863 51 +34.199 379 69	8.23 8.23	7.15 -9.92 7.15 -9.92	0.61 0.66 0.79 0.63 0.64 7.75 7.83 0.79 0.63 0.64	A 233.5	2.93												
19351+5038	1	F CA	A 96321 B 96321	8.795 0.022 9.748 0.053				293.768 804 41 293.768 718 49	+50.627 422 20 +50.627 366 29	9.89 9.89	3.06 90.47 3.06 90.47	2.96 2.72 0.93 1.16 1.05 7.12 6.30 0.93 1.16 1.05	A 224	0.28												
19352-2508	1	F CA	A 96333 B 96333	9.359 0.011 11.039 0.052	9.994 0.034	9.258 0.030		293.790 336 98 293.790 750 89	-25.133 612 46 -25.133 843 78	10.09 10.09	-78.48 -308.65 -78.48 -308.65	2.26 1.46 2.35 3.03 1.56 14.63 9.04 2.35 3.03 1.56	A 122	1.59												
19352-4125	1	F CA	A 96336 B 96336	9.164 0.009 9.629 0.013	9.227 0.033 9.702 0.040	8.982 0.042 9.313 0.051		293.792 880 21 293.792 283 82	-41.423 268 60 -41.422 946 30	4.64 4.64	20.52 -13.24 20.52 -13.24	2.45 1.84 2.02 3.23 2.10 5.54 4.14 2.02 3.23 2.10	A 305.8	1.984												
19355+2049	1	F CA	A 96360 B 96360	8.361 0.004 11.319 0.051				293.882 669 53 293.882 857 84	+20.822 022 46 +20.822 171 01	4.35 4.35	3.16 -6.47 3.16 -6.47	0.90 0.92 1.23 1.04 1.21 13.63 17.81 1.23 1.04 1.21	A 50	0.83												
19355-6906	1	F CA	A 96354 B 96354	9.444 0.009 11.090 0.041	9.445 0.012 11.111 0.067	9.349 0.015 10.556 0.065		293.866 803 01 293.868 110 20	-69.094 846 47 -69.093 913 21	2.60 2.60	7.81 -10.80 7.81 -10.80	1.29 1.59 2.29 1.26 1.77 7.71 9.75 2.29 1.26 1.77	A 26.6	3.76												
19356+4002	1	F CA	A 96371 B 96371	8.200 0.030 9.905 0.142				293.901 830 14 293.901 913 54	+40.027 501 82 +40.027 510 01	5.90 5.90	-11.10 -25.49 -11.10 -25.49	4.00 2.31 0.85 0.77 0.80 12.56 11.69 0.85 0.77 0.80	A 83	0.23												
19358+2316	1	F CA	A 96380 B 96380	9.945 0.109 10.016 0.116				293.939 578 40 293.939 539 77	+23.270 626 14 +23.270 581 46	5.50 5.50	-0.66 1.45 -0.66 1.45	8.88 10.91 1.82 1.39 2.36 7.48 8.81 1.82 1.39 2.36	B 218	0.21												
19360-3607	1	F CA	A 96407 B 96407	9.882 0.028 10.176 0.036				294.007 155 22 294.007 182 71	-36.124 339 77 -36.124 254 18	2.19 2.19	4.00 -1.52 4.00 -1.52	3.61 3.58 2.22 2.41 1.84 6.62 5.57 2.22 2.41 1.84	B 15	0.318												
19360-3648	1	F CA	A 96398 B 96398	8.237 0.006 8.969 0.012				293.988 149 99 293.988 323 12	-36.805 130 92 -36.805 297 05	4.20 4.20	8.66 -3.82 8.66 -3.82	1.86 1.34 1.69 2.04 1.50 5.76 4.34 1.69 2.04 1.50	A 140.2	0.779												
19362+0600	1	F ND D	A 96423 B 96423	6.791 0.006 10.891 0.246	8.032 0.008 11.893 0.179	6.759 0.005 10.455 0.079		294.052 557 78 294.054 162 21	+6.007 449 19 +6.004 211 27	3.67 3.67	3.82 -12.57 3.82 -12.57	1.46 1.05 1.30 1.87 1.00 83.09 50.63 1.30 1.87 1.00	A 153.8	13.00												



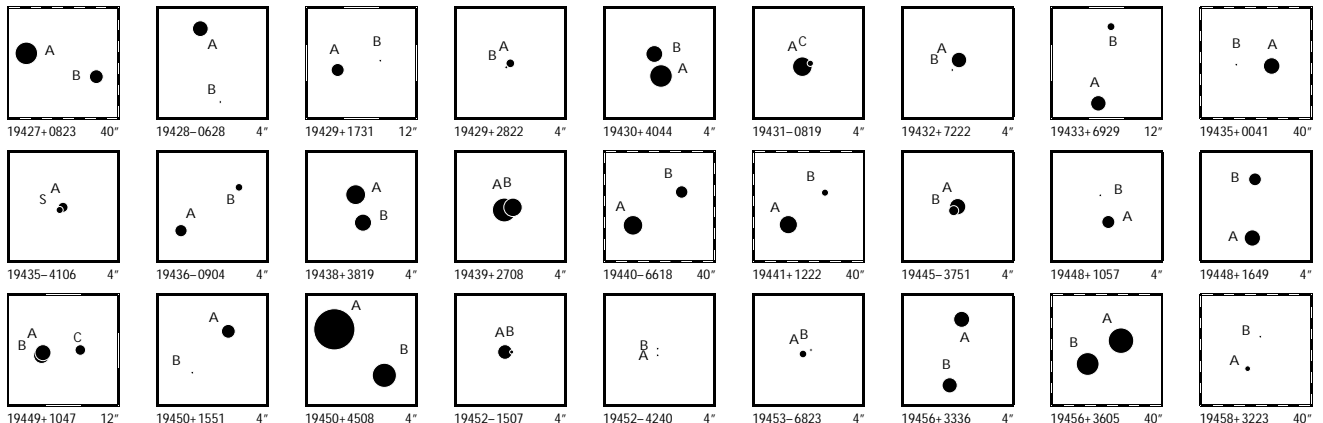
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
19365+2400	1	F CA	A 96443 B 96443	9.064 9.615	0.055 0.091						294.122 632 30 294.122 622 88	+24.003 069 12 +24.003 007 41	1.01 1.01	-1.09 -1.09	-7.00 -7.00	3.02 6.18	6.37 9.45	1.55 1.55	1.35 1.35	1.32 1.32	A	188		0.22		
19365+3638	1	F ND	A 96446 B 96446	8.552 11.859	0.006 0.118	8.653	0.010	8.508	0.012		294.127 416 92 294.129 279 47	+36.632 438 00 +36.630 954 39	1.34 1.34	17.29 17.29	4.73 4.73	0.91 23.63	0.95 25.93	1.12 1.12	0.94 0.94	1.06 1.06	A	134.8		7.58		
19365+4101	1	F CA	A 96448 B 96448	7.783 8.949	0.004 0.012	7.649	0.013	7.593	0.015		294.134 491 50 294.133 997 36	+41.009 739 22 +41.009 848 58	2.71 2.71	-0.06 -0.06	-15.03 -15.03	0.89 4.39	0.89 3.50	0.99 0.99	0.88 0.88	0.95 0.95	A	286.3		1.399		
19368-1027	1	L CA	A 96471 B 96471	8.770 10.196	0.005 0.018	9.861	0.023	8.713	0.014	11.287	0.102	10.093	0.055	32.98 32.98	-293.92 -300.32	-273.39 -263.24	2.03 10.54	1.22 5.85	1.79 1.79	1.60 6.32	0.93 3.28	A	326.8	5.296	0.0	+0.012
19369-6949	1	F CA	A 96487 B 96487	9.394 12.215	0.008 0.109	10.167	0.015	9.306	0.012		294.227 329 34 294.230 215 31	-69.816 735 01 -69.815 486 71	13.75 13.75	55.11 55.11	-38.36 -38.36	0.88 24.17	1.18 40.98	1.55 1.55	0.96 0.96	1.43 1.43	A	38.6		5.75		
19370+2057	1	F ND	A 96493 B 96493	9.540 13.037	0.012 0.267	10.364	0.034	9.449	0.025		294.241 392 42 294.240 340 16	+20.952 532 43 +20.953 366 90	16.17 16.17	-14.28 -14.28	-250.15 -250.15	1.84 73.52	1.58 66.67	2.12 2.12	1.98 1.98	1.87 1.87	A	310		4.64		
19376-0242	1	F CA	A 96541 B 96541	8.733 11.802	0.016 0.265						294.402 174 85 294.402 147 05	-2.698 997 04 -2.699 081 22	3.31 3.31	1.08 1.08	-4.11 -4.11	2.69 46.74	2.77 29.99	1.84 1.84	2.00 2.00	1.00 1.00	A	198		0.32		
19377+2924	1	F CC	A 96549 B 96549	8.379 11.542	0.028 0.514						294.429 833 44 294.429 746 51	+29.393 777 50 +29.393 758 18	0.86 0.86	-1.78 -1.78	-5.16 -5.16	7.91 51.40	4.74 75.54	1.97 1.97	1.46 1.46	1.72 1.72	A	256		0.28		
19377-4127	1	F CA	B 96545 A 96545	8.335 8.666	0.119 0.161						294.414 107 93 294.414 054 56	-41.458 202 44 -41.458 179 38	7.15 7.15	12.58 12.58	-31.54 -31.54	11.65 22.25	14.65 24.80	1.13 1.13	1.73 1.73	1.25 1.25	B	300		0.17		
19379+0130	1	F CA	B 96567 A 96567	8.087 8.171	0.044 0.047						294.472 594 77 294.472 564 09	+1.499 242 21 +1.499 292 15	1.41 1.41	0.33 0.33	-1.09 -1.09	3.33 4.00	4.21 4.58	1.13 1.13	1.23 1.23	0.59 0.59	B	328		0.211		
19379+1836	1	F CB	A 96571 B 96571	7.331 9.704	0.030 0.271						294.483 460 52 294.483 425 17	+18.592 476 97 +18.592 531 40	5.89 5.89	10.41 10.41	-9.22 -9.22	6.67 51.53	3.73 24.63	1.79 1.79	1.38 1.38	1.24 1.24	A	328		0.23		
19379+1922	1	F CA	A 96570 B 96570	8.545 9.260	0.005 0.010	8.614	0.009	8.382	0.010	9.313	0.020	9.081	0.024	1.30 1.30	7.50 7.50	2.92 2.92	1.23 3.51	1.26 3.40	1.78 1.78	1.33 1.33	1.30 1.30	A	195.47		5.256	
19379+2248	1	F CA	A 96563 B 96563	8.069 9.216	0.017 0.048						294.466 934 67 294.466 858 57	+22.797 257 85 +22.797 213 64	4.85 4.85	-13.49 -13.49	-24.01 -24.01	2.42 6.62	1.78 5.17	1.06 1.06	0.93 0.93	0.93 0.93	A	238		0.30		
19379+4312	1	F CB	A 96573 B 96573	8.812 11.986	0.017 0.311						294.485 894 21 294.485 898 15	+43.202 096 20 +43.201 974 18	2.89 2.89	14.42 14.42	3.05 3.05	1.89 37.17	4.36 31.76	1.73 1.73	1.46 1.46	1.87 1.87	A	179		0.44		
19382+0146	1	F CA	A 96589 B 96589	9.811 11.959	0.011 0.076	9.988	0.028	9.806	0.036		294.543 770 91 294.547 126 77	+1.764 984 54 +1.765 886 17	1.96 1.96	2.15 2.15	-1.74 -1.74	2.49 30.98	1.33 14.95	2.55 2.55	2.70 2.70	1.26 1.26	A	75.0		12.50		
19382-5028	1	F CA	A 96591 B 96591	9.125 12.417	0.005 0.097						294.545 655 30 294.545 607 08	-50.459 344 65 -50.459 171 74	2.06 2.06	-4.90 -4.90	14.14 14.14	1.73 38.68	1.25 26.05	1.88 1.88	2.21 2.21	1.77 1.77	A	350		0.63		
19384+0021	1	F CA	A 96603 B 96603	7.470 9.376	0.004 0.020						294.590 348 98 294.590 579 51	+0.345 446 15 +0.345 345 68	9.96 9.96	23.20 23.20	16.76 16.76	1.13 7.45	0.76 3.87	1.21 1.21	1.47 1.47	0.65 0.65	A	113.5		0.91		
19384-3602	1	F CA	A 96606 B 96606	9.242 10.793	0.009 0.039	9.604	0.027	9.102	0.026		294.604 550 95 294.605 246 28	-36.036 618 51 -36.036 676 31	7.03 7.03	-11.70 -11.70	-10.33 -10.33	2.32 10.01	1.73 8.62	2.42 2.42	2.85 2.85	1.97 1.97	A	95.9		2.03		
19386+6329	1	F CC	A 96616 B 96616	9.194 9.272	0.537 0.577						294.659 072 97 294.659 130 31	+63.482 474 41 +63.482 442 57	1.71 1.71	2.86 2.86	6.70 6.70	28.61 20.25	36.54 23.11	0.74 0.74	0.81 0.81	0.79 0.79	A	141		0.15		
19387-1009	1	F CA	A 96622 B 96622	6.836 8.859	0.004 0.023	7.086	0.006	6.766	0.005	9.150	0.039	8.544	0.037	12.38 12.38	-8.11 -8.11	-32.98 -32.98	1.23 12.46	0.76 4.68	1.20 1.20	1.19 1.19	0.66 0.66	A	324.7		3.81	
19388+2307	1	F CA	A 96623 B 96623	7.717 10.294	0.021 0.222						294.691 753 73 294.691 678 55	+23.114 258 59 +23.114 223 71	6.52 6.52	16.70 16.70	3.53 3.53	3.38 23.86	2.25 18.36	1.13 1.13	0.97 0.97	0.92 0.92	A	243		0.28		
19389+5150	1	L CA	A 96636 B 96636	8.820 9.723	0.005 0.011						294.714 825 14 294.714 402 98	+51.834 338 37 +51.834 339 66	5.26 5.26	-13.15 -5.34	-38.54 -35.75	1.45 4.05	1.22 3.74	1.20 1.20	1.22 2.71	1.06 2.22	A	270.3	0.939	+0.2	-0.008	
19389-1021	1	IND	A 96646 B 96643	8.145 10.002	0.027 0.125	8.308	0.013	8.089	0.014	9.981	0.033	9.544	0.035	9.02 29.48	-2.73 1.98	-9.74 -8.11	2.79 42.68	1.72 25.50	2.40 26.57	2.76 16.42	1.57 16.42	A	330.5	20.83	0.0	0.00
19389-4207	1	F CA	A 96641 B 96641	10.292 10.524	0.014 0.018						294.724 478 86 294.724 432 36	-42.118 174 68 -42.118 471 35	2.60 2.60	-18.64 -18.64	-1.39 -1.39	6.01 9.80	3.72 7.62	4.53 4.53	9.27 9.27	6.12 6.12	A	186.6		1.08		
19391+7625	1	L CA	A 96656 B 96656	8.669 9.345	0.098 0.183						294.774 858 51 294.775 028 04	+76.421 686 42 +76.421 667 02	33.28 33.28	162.46 150.34	134.45 154.33	6.24 10.90	6.05 13.05	0.69 0.69	2.15 4.42	4.24 9.05	A	116	0.16	-5	-0.02	
19392+3556	1	F ND	A 96660 B 96660	9.120 13.415	0.008 0.374	9.350	0.015	9.069	0.017		294.791 860 84 294.791 374 46	+35.928 531 85 +35.928 005 21	5.21 5.21	18.76 18.76	14.23 14.23	1.06 86.50	1.18 99.63	1.30 1.30	1.12 1.12	1.25 1.25	A	217		2.37		
19392+7634	1	L CA	A 96672 B 96672	8.443 9.906	0.004 0.014						294.809 270 99 294.808 295 93	+76.560 725 72 +76.560 843 44	4.44 4.44	11.45 13.02	40.02 30.78	1.09 4.99	0.95 4.77	0.88 0.88	0.94 3.33	0.78 2.97	A	297.5	0.919	-0.5	-0.006	



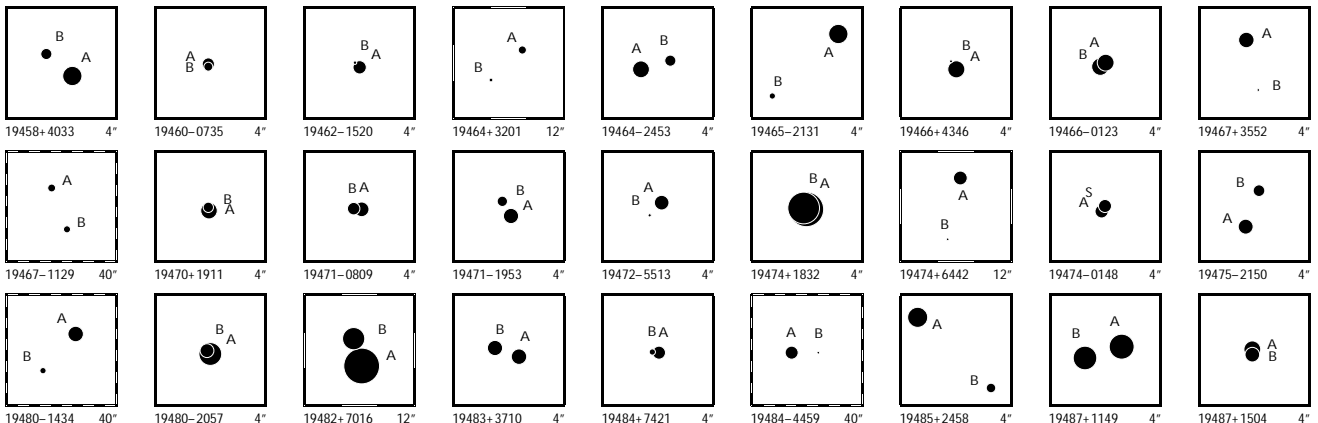
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19392-1655	1	INB	A 96667 B 96666	7.396 0.018 7.550 0.020	7.626 0.011 7.728 0.018	7.334 0.011 7.414 0.017	294.803 984 19 294.801 592 75	-16.907 936 33 -16.909 494 51	8.41 9.99	30.48 24.21 25.69 25.90	3.56 2.26 2.93 3.36 2.10 8.00 5.11 3.85 4.67 3.00	A 235.74 9.97 +0.02 0.00													
19393-7712	1	FCA	A 96681 B 96681	9.901 0.007 12.481 0.077			294.830 912 50 294.831 419 33	-77.192 626 17 -77.192 553 21	1.49 1.49	5.42 -13.63 5.42 -13.63	1.54 1.80 1.76 1.24 1.77 20.67 27.96 1.76 1.24 1.77	A 57 0.48													
19394+2215	1	FCA	A 96691 B 96691	8.015 0.010 8.487 0.016			294.859 614 88 294.859 645 48	+22.256 451 88 +22.256 546 03	6.64 6.64	4.07 16.93 4.07 16.93	1.81 1.79 1.65 1.47 1.43 3.65 2.85 1.65 1.47 1.43	A 17 0.354													
19396+2945	1	FCA	A 96709 B 96709	7.494 0.005 10.361 0.060	7.417 0.005 10.098 0.035	7.484 0.005 10.229 0.066	294.896 662 50 294.900 116 68	+29.748 749 08 +29.748 062 07	3.46 3.46	-0.51 -3.16 -0.51 -3.16	0.79 0.97 1.25 0.86 1.00 17.19 27.92 1.25 0.86 1.00	A 102.9 11.08													
19397+3359	1	FCA	A 96724 B 96724	6.179 0.003 9.617 0.059	6.229 0.003	6.123 0.004	294.937 183 92 294.937 288 62	+33.978 908 36 +33.979 236 78	6.88 6.88	-3.62 12.23 -3.62 12.23	0.48 0.53 0.60 0.48 0.58 10.75 15.42 0.60 0.48 0.58	A 15 1.22													
19397-3945	1	FCA	A 96719 B 96719	7.855 0.009 9.581 0.045	8.847 0.020 9.810 0.036	7.747 0.013 9.183 0.032	294.922 221 92 294.922 053 64	-39.746 331 47 -39.746 979 90	4.78 4.78	-14.22 -47.81 -14.22 -47.81	1.66 1.24 1.46 2.15 1.46 10.99 8.24 1.46 2.15 1.46	A 191.3 2.38													
19398-2326	1	FCA	A 96729 B 96729	6.804 0.082 7.506 0.157			294.956 070 81 294.956 052 66	-23.427 620 72 -23.427 589 53	8.03 8.03	7.98 -37.17 7.98 -37.17	3.56 4.84 0.99 0.80 0.67 6.63 7.97 0.99 0.80 0.67	A 332 0.127													
19400+5545	1	FCA	A 96747 B 96747	9.716 0.058 10.093 0.082			295.011 246 10 295.011 262 40	+55.754 081 50 +55.754 024 85	2.56 2.56	-1.23 -6.38 -1.23 -6.38	3.88 6.06 0.94 1.14 1.18 6.93 7.91 0.94 1.14 1.18	A 171 0.207													
19401+3509	1	FCA	A 96759 B 96759	8.149 0.005 11.401 1.011	8.055 0.007	8.140 0.010	295.028 722 81 295.025 067 29	+35.147 807 29 +35.148 820 45	1.82 1.82	1.92 -5.97 1.92 -5.97	0.80 0.95 1.06 0.83 1.00 21.83 33.68 1.06 0.83 1.00	A 288.7 11.36													
19401-3137	1	FCA	A 96750 B 96750	9.356 0.008 10.178 0.017			295.014 028 44 295.014 229 88	-31.608 772 83 -31.608 744 51	1.01 1.01	1.19 -12.09 1.19 -12.09	2.52 1.71 2.37 2.37 2.05 7.19 5.18 2.37 2.37 2.05	A 80.6 0.63													
19402+6030	1	FCA	A 96771 B 96771	6.554 0.009 9.286 0.091	6.749 0.005 9.346 0.020	6.514 0.005 8.909 0.020	295.054 967 23 295.059 582 02	+60.507 130 97 +60.511 652 14	8.33 17.84	3.27 -6.93 -0.01 -51.75	1.19 1.04 0.93 1.22 1.13 26.87 29.50 9.98 21.84 24.42	A 26.7 18.22 +0.1 -0.04													
19405-4641	1	FCA	A 96790 B 96790	10.056 0.016 10.418 0.022			295.124 838 93 295.124 761 89	-46.688 932 88 -46.689 093 07	2.22 2.22	11.97 -37.27 11.97 -37.27	7.66 8.60 5.33 10.23 10.30 11.27 11.59 5.33 10.23 10.30	A 198 0.61													
19406+6240	1	LCA	A 96796 B 96796	8.189 0.009 8.284 0.010			295.145 028 05 295.144 779 37	+62.664 575 99 +62.664 559 26	8.28 8.28	27.45 110.38 20.33 114.17	2.09 1.55 1.20 2.11 1.39 2.77 2.65 1.20 2.53 1.95	A 261.7 0.415 +0.7 +0.006													
19408-3213	1	FCA	A 96819 B 96819	9.884 0.012 12.544 0.129	10.578 0.056	9.761 0.046	295.197 320 14 295.198 939 38	-32.213 883 37 -32.210 934 99	5.22 5.22	27.83 -60.80 27.83 -60.80	2.25 1.72 2.35 2.30 1.79 38.62 28.82 2.35 2.30 1.79	A 24.9 11.70													
19409+2708	1	FCA	A 96830 B 96827	7.822 0.007 10.867 0.104	8.080 0.006 10.853 0.041	7.754 0.007 10.618 0.054	295.216 538 75 295.211 698 17	+27.132 966 35 +27.135 514 96	7.03 21.05	26.95 20.91 48.35 19.08	0.96 1.44 1.58 1.03 1.72 36.17 48.22 18.96 24.77 33.30	A 300.6 18.02 0.0 -0.02													
19411+1349	1	FCA	A 96840 S 96840	6.693 0.027 6.754 0.029			295.273 054 43 295.273 013 47	+13.815 691 62 +13.815 725 88	1.98 1.98	0.00 -10.95 0.00 -10.95	2.84 2.63 0.82 0.82 0.53 2.61 2.37 0.82 0.82 0.53	A 311 0.189													
19412+5023	1	FCA	A 96855 B 96855	7.940 0.007 10.866 0.097			295.308 688 01 295.308 512 48	+50.378 335 04 +50.378 332 49	2.04 2.04	-1.17 -12.88 -1.17 -12.88	1.48 1.20 0.89 1.03 0.87 18.61 21.77 0.89 1.03 0.87	A 269 0.40													
19413+3043	1	FCA	A 96858 B 96858	7.439 0.003 9.151 0.016			295.314 516 39 295.314 237 12	+30.721 328 74 +30.721 329 51	1.26 1.26	0.15 -1.17 0.15 -1.17	0.69 0.80 1.02 0.81 0.82 3.64 4.91 1.02 0.81 0.82	A 270.2 0.864													
19419+2723	1	FCA	A 96903 B 96903	7.306 0.016 7.552 0.019			295.469 241 47 295.469 190 79	+27.382 151 55 +27.382 224 81	0.82 0.82	1.68 -3.46 1.68 -3.46	1.33 1.55 0.92 0.56 0.91 2.23 2.39 0.92 0.56 0.91	A 328 0.310													
19420+2217	1	FCA	A 96912 B 96912	9.440 0.009 12.000 0.093	9.937 0.026	9.370 0.025	295.502 705 48 295.503 636 44	+22.282 757 21 +22.282 913 39	12.80 12.80	78.34 111.25 78.34 111.25	1.52 1.42 1.96 1.70 1.88 17.30 16.82 1.96 1.70 1.88	A 79.7 3.15													
19420-2223	1	FCA	A 96913 B 96913	9.354 0.172 10.997 0.781			295.503 412 23 295.503 411 70	-22.381 062 68 -22.381 101 68	-0.04 -0.04	-5.64 -11.42 -5.64 -11.42	5.28 18.52 1.24 1.19 0.85 23.44 23.54 1.24 1.19 0.85	A 181 0.14													
19420-3019	1	FCA	A 96915 B 96915	9.559 0.012 10.683 0.034			295.508 477 12 295.509 594 66	-30.325 983 70 -30.324 437 15	11.98 11.98	-7.02 -60.28 -7.02 -60.28	6.28 2.16 5.96 4.98 3.90 19.01 8.27 5.96 4.98 3.90	A 32.0 6.56													
19422+2930	1	FCA	A 96929 B 96929	7.729 0.035 10.947 0.081			295.552 698 96 295.552 637 76	+29.497 493 00 +29.497 499 75	9.85 9.85	37.62 53.59 37.62 53.59	2.36 1.92 0.86 0.57 0.67 82.76 36.34 0.86 0.57 0.67	A 277 0.19													
19423-5257	1	FCA	A 96934 B 96934	7.678 0.003 9.248 0.014	7.847 0.009 9.441 0.055	7.617 0.011 9.084 0.061	295.566 084 07 295.567 207 35	-52.949 167 20 -52.948 525 55	4.73 4.73	19.17 -45.28 19.17 -45.28	1.24 0.87 1.42 1.76 1.37 5.29 4.09 1.42 1.76 1.37	A 46.5 3.357													
19424+1515	1	FCA	A 96939 B 96939	8.474 0.051 10.045 0.218			295.597 523 03 295.597 515 77	+15.253 095 87 +15.253 048 11	0.07 0.07	-1.88 -6.69 -1.88 -6.69	3.00 4.44 1.02 0.93 0.71 12.87 16.86 1.02 0.93 0.71	A 188 0.17													
19425+1150	1	LCA	A 96957 B 96957	5.800 0.004 6.684 0.009			295.641 696 97 295.641 814 43	+11.826 608 40 +11.826 635 23	4.34 4.34	3.43 -10.49 -0.79 -13.38	0.92 0.60 0.86 0.79 0.51 2.25 1.62 0.86 1.60 1.24	A 76.9 0.425 +0.3 -0.005													
19426-5901	1	LCA	A 96955 B 96955	7.964 0.003 9.048 0.008	8.602 0.009 9.695 0.020	7.865 0.010 8.818 0.013	295.638 201 69 295.638 740 42	-59.009 465 88 -59.010 003 41	24.12 24.12	168.29 -168.28 177.32 -177.40	1.26 0.90 1.43 1.15 1.22 3.78 3.34 1.43 2.72 3.16	A 152.7 2.178 -0.1 +0.012													



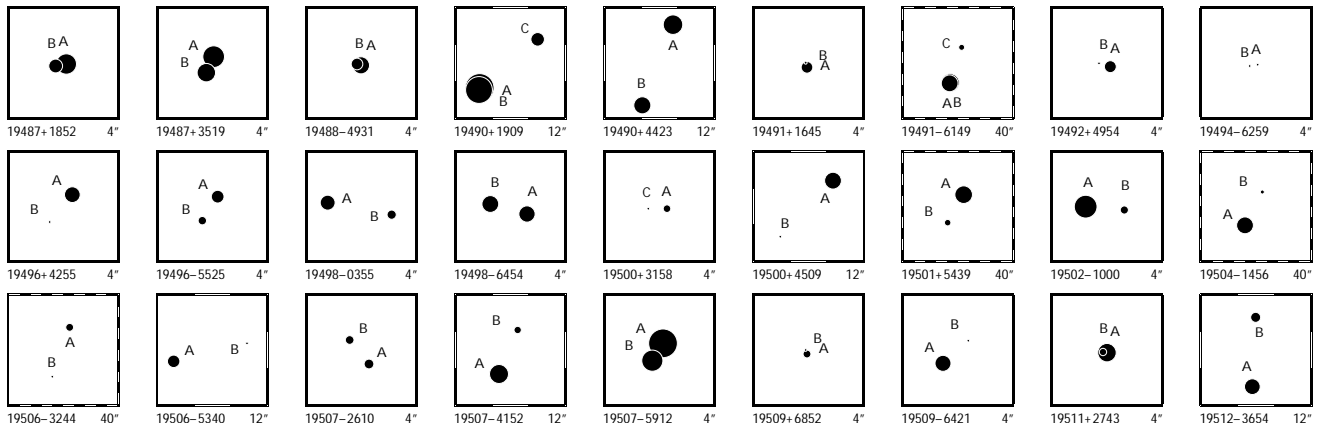
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19427+0823	1	INC	A 96979 B 96976	7.002 0.008 8.924 0.034	7.472 0.004 9.572 0.018	6.936 0.004 8.781 0.015	295.691 088 39 295.683 850 43	+8.382 631 50 +8.380 243 18	14.93 8.96	24.55 53.92 28.03 51.71	1.60 1.23 1.93 2.10 0.92 12.08 7.58 8.19 7.53 3.83	A 251.56 27.17 -0.01 0.00													
19428-0628	1	FND	D A 96980 B 96980	8.496 0.011 12.820 0.599	10.374 0.030	8.521 0.012	295.692 589 97 295.692 392 97	-6.473 747 29 -6.474 492 58	-1.71 -1.71	-14.33 -5.65 -14.33 -5.65	1.65 0.96 1.54 1.73 0.80 141.68 73.26 1.54 1.73 0.80	A 195 2.77													
19429+1731	1	FND	D A 96999 B 96999	9.092 0.013 13.107 0.533	9.182 0.015	9.116 0.019	295.725 747 52 295.724 357 28	+17.508 782 47 +17.509 063 09	0.91 0.91	-2.00 -7.90 -2.00 -7.90	1.39 1.26 1.83 1.33 1.24 92.47 86.64 1.83 1.33 1.24	A 282 4.88													
19429+2822	1	LCC	A 97002 B 97002	10.056 0.205 11.354 0.677			295.734 675 33 295.734 725 41	+28.367 563 25 +28.367 527 89	0.73 0.73	9.38 -9.43 -27.03 21.95	15.46 10.95 1.75 3.44 4.60 63.96 39.54 1.75 11.06 16.72	A 129 0.20 0 -0.05													
19430+4044	1	FCA	A 97001 B 97001	7.043 0.003 8.303 0.008			295.734 401 48 295.734 488 36	+40.721 757 02 +40.721 984 36	4.83 4.83	5.45 0.19 5.45 0.19	0.64 0.70 0.73 0.63 0.82 2.95 2.32 0.73 0.63 0.82	A 16.2 0.852													
19431-0819	1	FCA	A 97022 C 97022	7.691 0.013 10.595 0.182			295.778 849 29 295.778 768 61	-8.329 499 37 -8.329 461 66	16.71 16.71	16.77 -56.55 16.77 -56.55	2.72 1.82 1.35 1.41 0.77 34.67 26.98 1.35 1.41 0.77	A 295 0.32													
19432+7222	1	FCA	A 97034 B 97034	8.552 0.007 11.800 0.128			295.811 976 62 295.812 496 27	+72.362 596 83 +72.362 496 27	4.94 4.94	-0.37 -10.30 -0.37 -10.30	1.31 1.53 0.99 0.88 0.96 26.08 30.88 0.99 0.88 0.96	A 148 0.43													
19433+6929	1	FCA	A 97041 B 97041	8.554 0.006 10.277 0.031	8.836 0.013 10.680 0.061	8.483 0.014 10.042 0.053	295.834 671 99 295.833 580 29	+69.488 999 43 +69.491 365 25	7.60 7.60	15.39 29.61 15.39 29.61	1.06 1.10 1.01 1.12 1.36 6.70 7.95 1.01 1.12 1.36	A 350.82 8.63													
19435+0041	1	FCA	A 97059 B 97059	8.332 0.010 11.519 0.147	8.364 0.012	8.276 0.015	295.876 963 39 295.880 649 64	+0.675 680 72 +0.675 818 11	0.74 0.74	-2.52 -1.99 -2.52 -1.99	1.55 0.86 1.57 1.87 0.95 40.94 18.01 1.57 1.87 0.95	A 87.9 13.28													
19435-4106	1	FCB	A 97062 S 97062	9.785 0.172 10.438 0.314			295.882 373 90 295.882 419 56	-41.100 343 51 -41.100 372 60	4.68 4.68	2.64 13.58 2.64 13.58	12.18 12.89 1.68 2.03 1.40 22.90 21.05 1.68 2.03 1.40	A 130 0.16													
19436-0904	1	FCA	A 97065 B 97065	9.274 0.008 10.328 0.020	9.466 0.020 10.207 0.049	9.044 0.019 9.729 0.039	295.892 231 78 295.891 624 80	-9.067 246 32 -9.066 802 61	2.12 2.12	6.43 3.61 6.43 3.61	2.57 1.52 2.44 2.66 1.43 9.95 5.06 2.44 2.66 1.43	A 306.5 2.68													
19438+3819	1	FCA	A 97083 B 97083	7.634 0.004 8.231 0.007			295.946 218 96 295.946 118 92	+38.322 354 31 +38.322 075 20	1.06 1.06	0.45 -1.26 0.45 -1.26	0.85 0.99 1.02 0.90 1.15 1.92 3.01 1.02 0.90 1.15	A 195.7 1.044													
19439+2708	1	FCA	A 97091 B 97091	6.724 0.006 7.923 0.019			295.983 223 59 295.983 121 33	+27.135 406 09 +27.135 426 78	0.75 0.75	0.73 -3.35 0.73 -3.35	0.97 1.12 0.89 0.54 0.81 2.56 4.25 0.89 0.54 0.81	A 283 0.336													
19440-6618	1	FFD	D A 97099 B 97096	7.699 0.058 9.226 0.192	8.281 0.009 10.867 0.069	7.608 0.009 9.669 0.037	296.000 022 43 295.987 753 01	-66.296 998 47 -66.293 557 52	15.84 15.84	-19.26 -214.11 -19.26 -214.11	2.37 1.96 2.36 2.55 2.52 50.51 44.60 2.36 2.55 2.52	A 304.9 21.65													
19441+1222	1	FCA	A 97108 B 97108	7.987 0.013 10.424 0.106	8.057 0.006 11.029 0.054	7.931 0.007 9.959 0.033	296.025 403 29 296.021 547 16	+12.372 541 10 +12.375 857 31	2.44 2.44	0.64 -9.44 0.64 -9.44	1.09 0.81 1.54 1.24 0.84 27.00 21.50 1.54 1.24 0.84	A 311.4 18.07													
19445-3751	1	FCA	A 97133 B 97133	8.381 0.080 9.753 0.284			296.119 215 80 296.119 264 60	-37.844 513 52 -37.844 553 69	3.58 3.58	22.70 -8.63 22.70 -8.63	7.47 8.22 1.44 1.76 1.14 17.98 16.98 1.44 1.76 1.14	A 136 0.20													
19448+1057	1	FCC	A 97154 B 97154	9.140 0.010 12.802 0.297	10.499 0.031	9.106 0.016	296.211 869 98 296.211 951 91	+10.951 946 48 +10.952 228 26	3.74 3.74	6.71 -4.56 6.71 -4.56	2.03 1.29 2.72 2.95 1.14 77.06 45.67 2.72 2.95 1.14	A 16 1.05													
19448+1649	1	FCA	A 97149 B 97149	8.426 0.005 9.155 0.010	8.425 0.012 9.088 0.029	8.377 0.011 8.972 0.032	296.199 220 80 296.199 193 87	+16.815 168 58 +16.815 770 75	2.24 2.24	3.46 1.33 3.46 1.33	1.32 1.25 1.73 1.18 1.06 3.28 3.48 1.73 1.18 1.06	A 357.5 2.170													
19449+1047	1	FCA	G A 97162 B 97162 C 97162	8.418 0.020 8.434 0.023 9.683 0.022	9.942 0.053	9.813 0.077	296.236 609 54 296.236 568 74 296.235 389 90	+10.775 133 69 +10.775 182 25 +10.775 297 17	2.33 2.33 2.33	0.77 -2.00 0.77 -2.00 0.77 -2.00	3.40 3.26 1.39 1.36 0.61 3.00 2.91 1.39 1.36 0.61 8.24 7.13 1.39 1.36 0.61	B 320 0.227 B 277.8 4.35													
19450+1551	1	FND	D A 97172 B 97172	8.941 0.006 12.716 0.174	9.355 0.013	8.885 0.013	296.260 757 90 296.261 148 72	+15.841 688 53 +15.841 260 18	-1.72 -1.72	2.69 4.53 2.69 4.53	1.23 1.04 1.52 1.30 0.91 49.49 40.26 1.52 1.30 0.91	A 139 2.05													
19450+4508	1	FCA	A 97165 B 97165	2.903 0.002 6.636 0.068	2.875 0.002	2.898 0.003	296.243 508 78 296.242 769 56	+45.130 691 95 +45.130 224 96	19.07 19.07	43.22 48.44 43.22 48.44	0.42 0.43 0.45 0.45 0.45 14.98 16.49 0.45 0.45 0.45	A 228.2 2.52													
19452-1507	1	FCC	A 97190 B 97190	8.735 0.109 11.092 0.960			296.303 925 48 296.303 856 26	-15.110 138 55 -15.110 128 82	5.72 5.72	0.63 10.59 0.63 10.59	12.80 2.57 1.42 1.49 0.90 111.64 19.23 1.42 1.49 0.90	A 278 0.24													
19452-4240	1	FCB	A 97194 B 97194	11.615 0.128 12.221 0.224			296.310 383 77 296.310 378 83	-42.670 330 33 -42.670 263 20	9.65 9.65	112.41 -172.18 112.41 -172.18	8.34 12.60 3.37 4.55 3.06 22.97 31.85 3.37 4.55 3.06	A 357 0.24													
19453-6823	1	FCC	A 97196 B 97196	10.335 0.059 12.974 0.670			296.314 751 90 296.314 540 67	-68.389 515 99 -68.389 473 91	21.15 21.15	111.21 133.73 111.21 133.73	8.60 10.91 4.14 2.21 3.13 90.02 112.72 4.14 2.21 3.13	A 298 0.32													
19456+3336	1	LCA	A 97222 B 97222	8.469 0.007 8.628 0.008	9.478 0.024 9.648 0.027	8.368 0.017 8.578 0.022	296.389 680 02 296.389 833 90	+33.603 056 35 +33.602 385 41	49.09 49.09	13.30 -440.57 42.15 -464.81	1.32 1.40 1.43 1.07 1.35 2.33 3.31 1.43 2.47 3.01	A 169.2 2.459 -0.6 +0.029													
19456+3605	1	INB	A 97228 B 97232	6.367 0.019 6.974 0.032	6.314 0.004 7.106 0.006	6.372 0.004 7.100 0.006	296.415 217 50 296.419 427 36	+36.091 006 55 +36.088 645 02	1.73 2.90	2.23 6.59 6.14 1.31	2.18 2.11 2.16 2.14 2.29 9.83 10.13 6.26 6.18 6.97	A 124.77 14.91 +0.01 +0.01													
19458+3223	1	FND	D A 97241 B 97241	10.749 0.061 13.010 0.472			296.456 145 27 296.454 636 51	+32.386 650 88 +32.389 959 83	87.57 87.57	387.66 193.87 387.66 193.87	3.22 3.96 4.80 3.70 4.73 70.81 85.23 4.80 3.70 4.73	A 338.9 12.76													



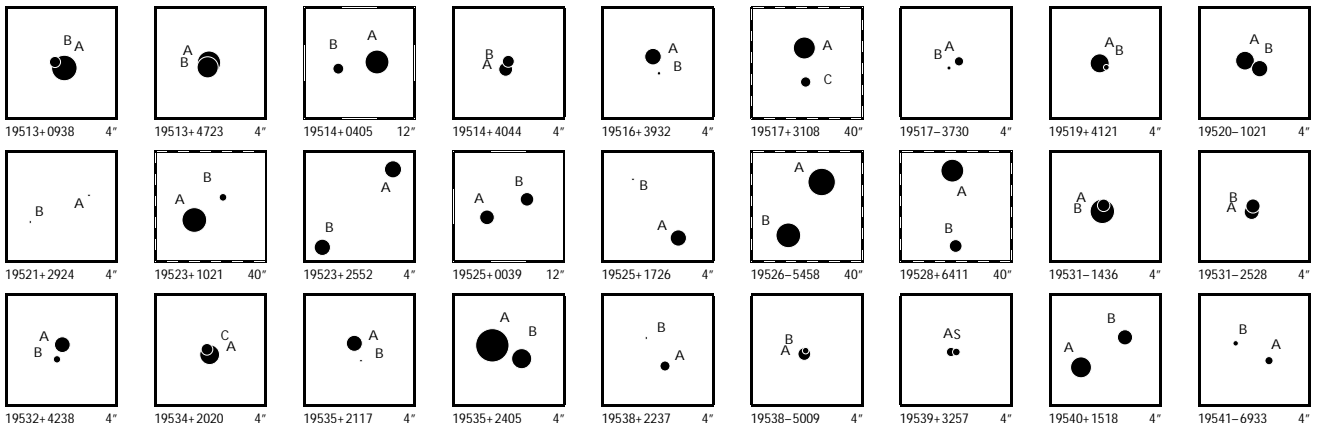
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19458+4033	1	FCA	A 97240 B 97240	7.769 0.005 9.568 0.024	7.565 0.007	7.664 0.009		296.453 168 43 +40.555 244 82 296.453 517 31 +40.555 464 10	0.96 0.96	1.84 0.63 1.84 0.63	0.83 0.83 0.91 0.80 0.91 6.12 5.95 0.91 0.80 0.91	A 50.4 1.24														
19460-0735	1	FCB	A 97256 B 97256	9.308 0.295 10.005 0.561				296.490 480 47 -7.587 154 82 296.490 483 21 -7.587 183 61	-0.35 -0.35	0.23 -9.17 0.23 -9.17	6.55 20.74 1.39 1.37 0.67 13.08 14.92 1.39 1.37 0.67	A 175 0.10														
19462-1520	1	FCB	A 97273 B 97273	9.032 0.052 11.198 0.384				296.538 273 14 -15.333 352 01 296.538 321 70 -15.333 308 47	4.92 4.92	2.61 -24.90 2.61 -24.90	6.05 4.80 1.76 1.76 1.10 51.38 27.72 1.76 1.76 1.10	A 47 0.23														
19464+3201	1	LCA	A 97292 B 97292	10.199 0.014 11.160 0.032	11.951 0.150	10.270 0.048		296.598 373 25 +32.018 005 44 296.599 526 26 +32.017 072 14	74.90 74.90	464.87 -392.50 492.21 -429.60	2.15 2.94 2.93 1.86 2.49 8.61 11.63 2.93 6.76 11.15	A 133.7 4.87 +0.1 +0.05														
19464-2453	1	FCA	A 97294 B 97294	8.272 0.005 9.559 0.017	8.462 0.016	7.997 0.016		296.605 934 87 -24.878 378 91 296.605 606 60 +4.378 293 68	9.38 9.38	30.49 -3.90 30.49 -3.90	1.50 0.91 1.45 1.59 1.02 6.96 3.47 1.45 1.59 1.02	A 286.0 1.12														
19465-2131	1	FCB	A 97301 B 97301	7.723 0.009 10.631 0.133	7.977 0.009	7.649 0.009		296.626 604 80 -21.523 009 30 296.627 336 09 -21.523 636 83	11.63 11.63	48.54 -15.46 48.54 -15.46	1.93 1.28 1.89 2.03 1.41 35.59 34.40 1.89 2.03 1.41	A 133 3.33														
19466+4346	1	FCA	A 97315 B 97315	8.238 0.009 11.323 0.148				296.652 320 20 +43.763 344 29 296.652 399 86 +43.763 421 04	3.11 3.11	8.67 12.40 8.67 12.40	1.32 1.68 0.92 0.85 0.94 19.34 21.31 0.92 0.85 0.94	A 37 0.35														
19466-0123	1	FCA	B 97308 A 97308	8.140 0.042 8.269 0.047				296.646 231 66 -1.376 857 15 296.646 186 82 -1.376 815 86	4.25 4.25	-6.99 -5.44 -6.99 -5.44	6.17 5.71 1.22 1.19 1.01 5.68 5.17 1.22 1.19 1.01	B 313 0.219														
19467+3552	1	FCC	A 97320 B 97320	8.552 0.005 12.301 0.147	8.541 0.010	8.526 0.012		296.664 731 55 +35.864 689 09 296.664 583 73 +35.864 168 91	2.66 2.66	2.90 0.69 2.90 0.69	0.91 0.97 1.12 0.92 1.09 37.35 42.19 1.12 0.92 1.09	A 193 1.92														
19467-1129	1	FCA	W A 97322 B 97322	10.237 0.031 10.431 0.035	10.759 0.053	10.084 0.048		296.672 140 19 -11.479 748 14 296.670 501 55 -11.483 967 71	-3.93 -3.93	-19.01 -25.84 -19.01 -25.84	7.03 3.26 6.59 8.37 3.20 20.31 10.37 6.59 8.37 3.20	A 200.8 16.25														
19470+1911	1	FCA	A 97339 B 97339	8.363 0.132 9.694 0.451				296.748 520 18 +19.180 713 89 296.748 527 08 +19.180 749 92	3.74 3.74	3.26 -4.28 3.26 -4.28	3.55 8.15 0.97 0.73 0.57 13.62 27.09 0.97 0.73 0.57	A 10 0.13														
19471-0809	1	FCA	A 97350 B 97350	8.741 0.035 9.245 0.055				296.783 471 68 -8.152 755 65 296.783 552 42 -8.152 753 41	6.25 6.25	-0.63 -24.06 -0.63 -24.06	5.60 2.31 1.36 1.41 0.79 8.42 5.02 1.36 1.41 0.79	A 88 0.29														
19471-1953	1	LCA	A 97348 B 97348	8.626 0.004 9.749 0.012				296.778 246 40 -19.880 590 98 296.778 332 39 -19.880 437 08	10.81 10.81	-45.36 -27.63 -39.83 -37.97	1.77 1.23 1.57 1.38 0.99 5.42 3.31 1.57 4.08 1.93	A 27.7 0.626 +0.9 -0.007														
19472-5513	1	FCA	A 97352 B 97352	8.731 0.005 11.257 0.044				296.792 103 82 -55.223 838 02 296.792 336 03 -55.223 970 55	9.31 9.31	-7.97 -54.11 -7.97 -54.11	1.17 0.80 1.43 1.61 1.20 12.47 9.16 1.43 1.61 1.20	A 135 0.67														
19474+1832	1	FCA	A 97365 B 97365	4.317 0.071 4.953 0.128				296.846 927 78 +18.534 253 86 296.846 957 55 +18.534 268 57	7.28 7.28	-4.58 11.10 -4.58 11.10	5.19 4.51 0.83 0.62 0.52 6.76 5.87 0.83 0.62 0.52	A 62 0.11														
19474+6442	1	FCA	A 97364 B 97364	8.948 0.005 11.626 0.060	9.321 0.014	8.891 0.014		296.845 628 02 +64.693 993 42 296.846 523 83 +64.692 105 18	9.19 9.19	12.41 77.94 12.41 77.94	0.97 1.11 1.02 0.88 1.18 13.40 15.15 1.02 0.88 1.18	A 168.5 6.94														
19474-0148	1	FCA	A 97367 S 97367	9.055 0.070 9.092 0.072				296.849 766 94 -1.808 018 07 296.849 735 46 -1.807 970 14	8.16 8.16	-0.89 -19.38 -0.89 -19.38	5.77 6.60 1.36 1.41 1.06 5.27 6.36 1.36 1.41 1.06	A 327 0.21														
19475-2150	1	FCA	A 97383 B 97383	8.682 0.029 9.429 0.058	9.122 0.017	8.505 0.021		296.878 302 32 -21.827 742 16 296.878 159 15 -21.827 367 69	9.78 9.78	91.44 -5.20 91.44 -5.20	3.76 2.80 3.19 3.74 2.92 11.73 6.72 3.19 3.74 2.92	A 340 1.43														
19480-1434	1	FCA	A 97422 B 97422	8.588 0.011 10.625 0.063	8.670 0.012	8.536 0.015		297.007 396 34 -14.567 377 17 297.010 853 89 -14.571 166 05	4.81 4.81	-0.84 -8.91 -0.84 -8.91	1.67 0.91 1.67 1.81 1.04 27.17 12.78 1.67 1.81 1.04	A 138.5 18.20														
19480-2057	1	FCB	A 97417 B 97417	6.985 0.043 8.924 0.255				296.999 897 54 -20.957 593 98 296.999 938 34 -20.957 555 56	4.52 4.52	2.68 -3.19 2.68 -3.19	4.38 2.40 0.95 0.97 0.73 35.26 21.30 0.95 0.97 0.73	A 45 0.19														
19482+7016	1	LCA	A 97433 B 97433	4.064 0.002 7.063 0.031	5.036 0.010	3.982 0.007		297.042 556 58 +70.267 835 33 297.043 321 71 +70.268 676 14	22.40 22.40	80.18 39.02 98.42 41.68	0.52 0.48 0.45 0.53 0.55 8.22 7.32 0.45 5.04 5.35	A 17.1 3.17 +0.3 +0.01														
19483+3710	1	FCA	A 97440 B 97440	8.587 0.005 8.665 0.006				297.068 675 69 +37.160 394 80 297.068 986 96 +37.160 478 36	0.19 0.19	-5.14 -6.72 -5.14 -6.72	1.20 1.38 1.41 1.13 1.64 1.88 2.06 1.41 1.13 1.64	A 71.4 0.942														
19484+7421	1	FCA	A 97445 B 97445	9.091 0.028 10.595 0.110				297.089 605 03 +74.349 480 64 297.089 848 00 +74.349 485 80	5.16 5.16	5.03 12.79 5.03 12.79	3.56 2.82 0.87 0.90 0.87 11.32 11.72 0.87 0.90 0.87	A 85 0.24														
19484-4459	1	FND	D A 97447 B 97447	9.096 0.012 12.994 0.397	9.518 0.027	9.089 0.028		297.095 277 72 -44.977 568 93 297.091 270 75 -44.977 544 87	8.33 8.33	49.04 -19.54 49.04 -19.54	1.89 1.74 2.36 2.97 1.58 111.66 103.06 2.36 2.97 1.58	A 270 10.20														
19485+2458	1	FCA	A 97461 B 97461	7.558 0.004 9.927 0.036	7.513 0.006	7.519 0.007		297.142 910 80 +24.962 194 17 297.142 077 68 +24.961 470 73	2.34 2.34	1.53 -1.91 1.53 -1.91	0.75 0.89 1.14 0.77 0.79 9.39 7.41 1.14 0.77 0.79	A 226.2 3.77														
19487+1149	1	FCA	A 97473 B 97473	6.468 0.004 6.754 0.005	6.585 0.030	6.195 0.075		297.175 200 21 +11.815 920 14 297.175 589 17 +11.815 799 75	5.72 5.72	15.95 -9.79 15.95 -9.79	1.00 0.79 1.10 1.24 1.27 1.84 1.61 1.10 1.24 1.27	A 107.5 1.437														
19487+1504	1	FCA	A 97469 B 97469	8.295 0.045 8.736 0.068				297.165 154 51 +15.059 020 44 297.165 151 33 +15.058 964 07	6.52 6.52	41.36 10.92 41.36 10.92	3.06 4.89 1.05 0.93 0.55 4.77 6.14 1.05 0.93 0.55	A 183 0.203														



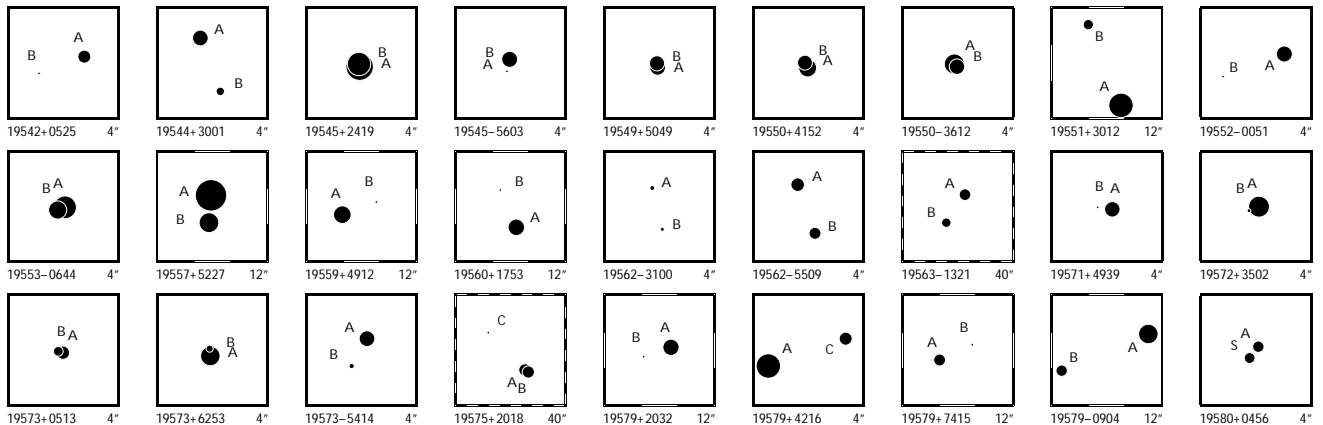
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19487+1852	1	F CA	A 97476 B 97476	7.494 0.007 8.956 0.025					297.181 814 57 +18.867 058 96 297.181 931 30 +18.867 040 62	-0.36 -0.36	-2.07 -2.07	-7.06 -7.06	1.46 1.11 1.32 1.03 0.77 6.09 5.22 1.32 1.03 0.77	A 99 0.40											
19487+3519	1	L CA	A 97477 B 97477	7.226 0.003 7.890 0.006				297.182 298 14 +35.311 309 99 297.182 395 60 +35.311 147 05	14.99 14.99	70.01 85.79	65.25 72.90	0.90 1.07 1.04 0.80 1.07 2.87 2.24 1.04 1.59 1.51	A 154.0 0.653 -1.5 0.000												
19488-4931	1	F FD D	A 97481 B 97481	8.238 0.083 9.393 0.238				297.196 193 03 -49.524 886 34 297.196 262 36 -49.524 873 69	2.88 2.88	3.32 3.32	4.42 4.42	10.48 5.53 1.15 1.44 0.90 17.36 14.34 1.15 1.44 0.90	A 74 0.17												
19490+1909	1	L NC G	A 97496 B 97496 C 97496	5.639 0.021 6.037 0.030 9.012 0.116				297.244 362 38 +19.142 004 41 297.244 381 11 +19.141 940 05 297.242 486 27 +19.143 490 24	9.99 9.99 9.99	14.64 22.62 34.76	25.56 27.79 0.79	2.12 1.78 0.87 0.93 0.58 0.96 1.34 0.87 0.89 0.64 26.89 22.98 0.87 15.80 11.80	A 164.6 0.240 -2.0 0.000 A 310.0 8.33 0.0 -0.03												
19490+4423	1	F CA	A 97498 B 97498	7.669 0.009 8.195 0.014	7.658 0.007 8.013 0.010	7.705 0.011 8.088 0.013		297.253 737 50 +44.379 200 08 297.255 065 52 +44.376 695 21	0.56 0.56	1.11 1.11	1.50 1.50	1.64 1.49 1.55 1.82 1.50 4.43 4.64 1.55 1.82 1.50	A 159.25 9.64												
19491+1645	1	F CC	A 97504 B 97504	9.390 0.109 11.361 0.667				297.267 327 32 +16.756 328 43 297.267 337 48 +16.756 373 39	2.22 2.22	4.30 4.30	-1.29 -1.29	7.20 8.16 1.15 0.86 0.64 54.92 56.46 1.15 0.86 0.64	A 12 0.17												
19491-6149	1	L NB G	A 97508 B 97508 C 97508	8.015 0.040 8.305 0.054 10.665 0.108			11.695 0.109 10.447 0.056	297.280 141 12 -61.814 772 85 297.280 270 71 -61.814 779 92 297.277 567 06 -61.811 087 85	17.21 17.21 17.21	55.02 22.20 19.97	-110.54 -80.95 -102.78	2.76 1.56 1.16 1.23 1.33 5.02 4.33 1.16 1.76 2.21 26.26 20.47 1.16 15.76 14.04	B 97 0.222 -7 -0.036 B 341.7 13.97 -0.1 +0.02												
19492+4954	1	F ND D	A 97513 B 97513	9.338 0.015 13.432 0.628				297.296 431 82 +49.900 370 57 297.296 599 85 +49.900 399 43	0.04 0.04	-4.52 -4.52	-10.02 -10.02	1.54 1.15 1.13 1.29 1.13 125.96 90.94 1.13 1.29 1.13	A 75 0.40												
19494-6259	1	F CA	A 97530 B 97530	11.478 0.074 12.108 0.132				297.337 614 69 -62.988 192 34 297.337 800 50 -62.988 210 58	6.62 6.62	-27.25 -27.25	-500.00 -500.00	6.14 3.89 3.20 2.33 2.13 15.45 12.23 3.20 2.33 2.13	A 102 0.31												
19496+4255	1	F CA	A 97547 B 97547	8.536 0.006 11.732 0.102	8.505 0.009	8.484 0.011		297.404 874 29 +42.909 520 10 297.405 182 34 +42.909 234 93	1.69 1.69	-2.75 -2.75	0.84 0.84	0.89 1.07 1.04 0.88 1.08 19.72 31.71 1.04 0.88 1.08	A 142 1.31												
19496-5525	1	F CA	A 97548 B 97548	9.199 0.007 10.167 0.018				297.405 509 40 -55.424 260 07 297.405 788 96 -55.424 503 29	16.10 16.10	-12.93 -12.93	-3.59 -3.59	1.71 1.32 2.06 2.20 1.98 5.67 3.77 2.06 2.20 1.98	A 146.9 1.045												
19498-0355	1	F CA	A 97565 B 97565	8.703 0.006 9.950 0.017	9.669 0.039 9.920 0.045	8.592 0.022 9.527 0.049		297.455 540 43 -3.922 313 30 297.454 885 12 -3.922 426 90	3.78 3.78	2.54 2.54	-4.46 -4.46	2.24 1.62 2.20 2.35 2.11 7.65 5.46 2.20 2.35 2.11	A 260.1 2.39												
19498-6454	1	F CA	A 97564 B 97564	8.287 0.006 8.379 0.007				297.454 456 02 -64.906 479 18 297.453 564 49 -64.906 579 88	15.70 15.70	1.20 1.20	105.78 105.78	2.15 1.57 1.73 1.53 1.42 2.84 2.45 1.73 1.53 1.42	B 255.1 1.409												
19500+3158	1	F NC	A 97579 B 97579 C 97579	10.334 0.026 13.793 0.625				297.508 056 76 +31.965 961 90 297.508 281 54 +31.965 959 15	17.34 17.34	-123.79 -123.79	-126.30 -126.30	2.09 2.26 2.81 2.06 2.24 98.04 116.58 2.81 2.06 2.24	A 91 0.69												
19500+4509	1	F ND D	A 97578 B 97578	8.303 0.005 12.601 0.281	9.607 0.019	8.257 0.011		297.497 418 24 +45.151 487 35 297.499 706 61 +45.149 761 07	2.57 2.57	-6.03 -6.03	-10.20 -10.20	0.91 0.93 0.96 0.96 1.01 68.38 74.73 0.96 0.96 1.01	A 136.9 8.51												
19501+5439	1	I CA	A 97587 B 97587	8.108 0.005 10.583 0.038	10.104 0.031 10.926 0.075	8.179 0.012 10.583 0.091		297.531 380 84 +54.651 791 37 297.534 260 92 +54.648 994 12	3.07 6.14	1.35 -14.57	-2.77 -11.98	1.55 1.40 1.23 1.75 1.44 15.89 14.27 11.01 16.88 13.10	A 149.2 11.72 +0.1 0.00												
19502-1000	1	F CA	A 97592 B 97592	6.967 0.005 10.200 0.103	8.104 0.013	6.898 0.007		297.540 642 50 -10.007 152 19 297.540 224 77 -10.007 189 35	6.12 6.12	18.97 18.97	10.01 10.01	1.27 0.96 1.27 1.30 1.07 29.21 20.15 1.27 1.30 1.07	A 265 1.42												
19504-1456	1	F CA	A 97614 B 97614	8.257 0.006 11.084 0.074	8.552 0.009	8.218 0.010		297.594 122 70 -14.936 692 24 297.592 305 35 -14.933 234 65	4.39 4.39	-5.25 -5.25	-14.81 -14.81	1.44 0.80 1.49 1.55 0.79 26.12 14.16 1.49 1.55 0.79	A 333.1 13.96												
19506-3244	1	F ND D	A 97631 B 97631	10.258 0.033 12.672 0.256	10.845 0.051	10.257 0.050		297.646 424 15 -32.729 135 87 297.648 579 53 -32.734 258 87	4.75 4.75	5.38 5.38	-25.39 -25.39	2.75 1.57 2.56 3.47 2.15 92.63 48.82 2.56 3.47 2.15	A 160.5 19.56												
19506-5340	1	F CA	A 97632 B 97632	9.227 0.007 11.557 0.057	9.433 0.013	9.173 0.015		297.649 146 26 -53.665 152 83 297.645 363 03 -53.664 594 36	3.95 3.95	6.69 6.69	1.64 1.64	1.64 1.07 2.02 2.41 1.74 17.75 10.43 2.02 2.41 1.74	A 284.0 8.32												
19507-2610	1	F CA	A 97642 B 97642	9.837 0.015 10.051 0.018				297.673 410 91 -26.171 143 26 297.673 624 49 -26.170 889 37	10.04 10.04	-0.30 -0.30	-53.60 -53.60	5.90 3.67 3.15 3.12 2.57 8.38 5.87 3.15 3.12 2.57	A 37.0 1.14												
19507-4152	1	F CA	A 97639 B 97639	7.818 0.005 10.353 0.048	7.990 0.008 10.497 0.060	7.773 0.009 10.091 0.066		297.668 007 40 -41.859 544 56 297.667 262 33 -41.858 206 29	5.62 5.62	30.58 30.58	-13.96 -13.96	1.49 0.72 1.31 1.93 0.92 14.18 9.08 1.31 1.93 0.92	A 337.5 5.22												
19507-5912	1	L CA	A 97646 B 97646	5.669 0.002 7.298 0.007				297.686 570 02 -59.193 637 15 297.686 786 98 -59.193 812 87	12.55 12.55	23.09 23.18	-12.21 -19.06	0.60 0.52 0.71 0.55 0.59 2.22 2.53 0.71 1.00 2.22	A 147.7 0.748 +0.3 +0.006												
19509+6852	1	F CC	A 97669 B 97669	10.258 0.331 11.429 0.975				297.733 975 57 +68.873 196 75 297.734 032 38 +68.873 239 86	-2.82 -2.82	-3.69 -3.69	-5.51 -5.51	11.88 17.83 1.61 1.95 1.81 57.09 80.70 1.61 1.95 1.81	A 25 0.17												
19509-6421	1	F CB	A 97661 B 97661	8.436 0.008 11.635 0.144	8.865 0.010	8.360 0.010		297.723 101 59 -64.348 952 70 297.722 496 15 -64.348 711 79	9.45 9.45	29.84 29.84	-107.70 -107.70	1.32 1.03 1.44 1.28 1.06 34.91 26.24 1.44 1.28 1.06	A 313 1.28												
19511+2743	1	F CC	A 97681 B 97681	7.900 0.135 10.399 1.349				297.769 740 28 +27.716 917 18 297.769 779 03 +27.716 924 02	2.72 2.72	0.06 0.06	-4.44 -4.44	10.14 3.94 0.79 0.46 0.55 54.17 37.21 0.79 0.46 0.55	A 79 0.13												
19512-3654	1	F CA	A 97683 B 97683	8.525 0.005 9.769 0.014	8.930 0.013 10.206 0.039	8.434 0.013 9.585 0.034		297.790 905 72 -36.896 518 57 297.790 781 90 -36.894 384 90	9.30 9.30	10.26 10.26	-16.25 -16.25	2.25 1.04 2.33 3.39 1.97 9.32 3.45 2.33 3.39 1.97	A 357.3 7.689												



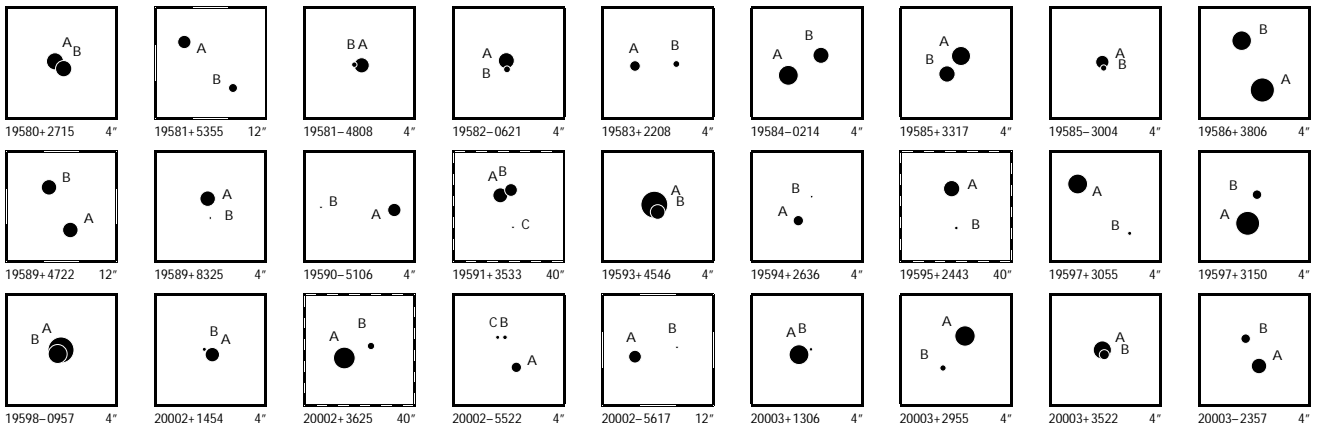
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19513+0938	1	FND	D	A 97697 B 97697	6.342 0.005 9.551 0.096			297.823 863 63 297.823 956 31	+9.629 940 13 +9.630 003 77	8.58 8.58	7.38 -21.73 7.38 -21.73	0.84 0.76 1.08 0.98 0.91 18.30 14.05 1.08 0.98 0.91	A 55	0.40												
19513+4723	1	FFD	D	A 97700 B 97700	6.865 0.116 7.305 0.174			297.830 687 85 297.830 709 53	+47.377 211 78 +47.377 167 49	15.14 15.14	14.06 17.41 14.06 17.41	8.00 10.86 0.52 0.55 0.48 11.37 11.58 0.52 0.55 0.48	A 162	0.17												
19514+0405	1	LCA		A 97709 B 97709	6.698 0.006 9.578 0.088	8.548 0.026 9.606 0.104	6.678 0.013 9.423 0.130	297.861 843 03 297.863 021 82	+4.088 646 71 +4.088 433 86	-0.37 -0.37	-5.62 -6.14 44.78 -28.79	1.22 1.01 1.23 1.26 0.96 17.95 15.52 1.23 15.45 11.25	A 100.3	4.30 +0.2	+0.05											
19514+4044	1	FCA		A 97706 B 97706	8.913 0.021 9.375 0.032			297.853 169 98 297.853 141 58	+40.735 305 62 +40.735 390 38	13.13 13.13	51.45 23.76 51.45 23.76	1.57 2.72 0.88 0.71 0.94 3.20 4.04 0.88 0.71 0.94	A 346	0.315												
19516+3932	1	FCA		A 97728 B 97728	8.351 0.004 11.248 0.058			297.899 657 50 297.899 583 21	+39.536 089 99 +39.535 919 84	3.09 3.09	4.03 8.80 4.03 8.80	0.94 1.06 1.09 1.08 0.98 17.09 16.56 1.09 1.08 0.98	A 199	0.65												
19517+3108	1	ICA		A 97734 B 97733	7.157 0.003 9.743 0.031	7.418 0.005 9.996 0.034	7.106 0.005 9.527 0.035	297.922 402 46 297.922 216 16	+31.141 297 45 +31.137 796 26	1.24 13.85	-0.10 -6.57 -2.17 0.85	0.80 1.03 1.03 0.85 0.87 9.91 11.84 9.38 7.81 8.14	A 182.61	12.62 +0.01	-0.01											
19517-3730	1	FCA		A 97735 B 97735	9.979 0.011 11.106 0.032			297.923 357 18 297.923 486 41	-37.492 347 60 -37.492 418 16	7.03 7.03	14.06 11.41 14.06 11.41	3.81 1.94 3.26 4.89 2.80 13.43 6.69 3.26 4.89 2.80	A 125	0.45												
19519+4121	1	FCA		A 97750 B 97750	7.793 0.017 10.750 0.262			297.962 488 53 297.962 408 18	+41.348 803 88 +41.348 763 15	2.31 2.31	2.03 0.44 2.03 0.44	2.67 2.42 0.77 0.75 0.67 19.75 21.62 0.77 0.75 0.67	A 236	0.26												
19520-1021	1	LCA		A 97766 B 97766	7.842 0.007 8.411 0.012			298.007 871 35 298.007 713 50	-10.353 742 17 -10.353 821 76	11.17 11.17	-15.50 -51.10 -14.16 -64.68	2.38 2.05 1.89 1.90 1.91 4.22 3.96 1.89 2.67 2.70	A 242.9	0.628 -1.2	+0.005											
19521+2924	1	FCA		A 97772 B 97772	11.733 0.025 12.371 0.045	11.887 0.154 11.023 0.106		298.024 960 58 298.025 643 59	+29.398 526 73 +29.398 247 33	8.56 8.56	5.59 -1.85 5.59 -1.85	6.06 8.10 9.29 6.57 9.07 25.60 26.51 9.29 6.57 9.07	A 115	2.37												
19523+1021	1	FCC	P	A 97787 B 97787	6.518 0.008 10.307 0.246	6.468 0.004 6.500 0.004		298.064 927 87 298.061 946 99	+10.351 621 48 +10.353 974 50	3.28 3.28	-2.07 -11.45 -2.07 -11.45	1.04 0.87 1.37 1.39 1.18 64.23 35.61 1.37 1.39 1.18	A 308.7	13.53												
19523+2552	1	FCA		A 97792 B 97792	8.249 0.010 8.375 0.011	8.270 0.018 8.318 0.017	8.143 0.022 8.289 0.022	298.080 920 14 298.081 723 78	+25.862 898 80 +25.862 096 76	4.87 4.87	3.22 3.70 3.22 3.70	1.53 1.78 2.43 1.31 1.52 3.01 3.30 2.43 1.31 1.52	A 137.96	3.888												
19525+0039	1	FCA		A 97809 B 97809	8.758 0.011 9.004 0.013	9.007 0.034 9.319 0.035	8.744 0.038 8.935 0.037	298.135 691 02 298.134 443 43	+0.648 984 27 +0.649 550 00	6.11 6.11	3.39 -18.58 3.39 -18.58	4.40 3.54 3.66 4.80 3.69 13.13 8.50 3.66 4.80 3.69	A 294.4	4.93												
19525+1726	1	FND	D	A 97807 B 97807	8.382 0.008 12.090 0.240	8.673 0.008 8.351 0.009		298.130 678 43 298.131 167 12	+17.431 567 85 +17.432 163 21	3.20 3.20	25.62 3.65 25.62 3.65	1.20 1.03 1.65 1.41 0.89 46.06 39.68 1.65 1.41 0.89	A 38	2.72												
19526-5458	1	ICA		A 97816 B 97819	5.919 0.025 6.528 0.037	6.873 0.005 6.576 0.004	5.818 0.004 6.452 0.004	298.157 092 06 298.162 971 17	-54.971 036 52 -54.976 452 89	9.21 11.83	20.52 4.41 6.30 3.72	1.36 1.02 1.45 1.92 1.41 16.11 11.01 4.05 12.36 8.42	A 148.08	22.97 +0.03	-0.01											
19528+6411	1	IND	D	A 97831 B 97830	6.933 0.008 9.158 0.044	8.173 0.010 9.468 0.021	6.884 0.005 9.019 0.022	298.198 640 80 298.197 770 28	+64.176 106 92 +64.168 382 30	5.87 4.14	1.32 -22.71 2.22 -19.08	1.33 1.24 1.07 1.39 1.39 10.41 11.89 6.15 7.10 8.53	A 182.81	27.84 0.00	0.00											
19531-1436	1	FBC	D	A 97849 B 97849	6.614 0.012 9.253 0.123			298.276 608 64 298.276 597 31	-14.603 085 56 -14.603 021 52	8.58 8.58	-0.77 -50.40 -0.77 -50.40	1.78 1.47 1.38 1.55 0.79 17.62 13.16 1.38 1.55 0.79	B 350	0.23												
19531-2528	1	LCA		A 97851 B 97851	8.709 0.051 8.874 0.059			298.284 611 60 298.284 595 44	-25.461 470 29 -25.461 410 66	9.99 9.99	2.34 -26.16 10.38 -44.20	3.15 5.60 1.28 2.33 1.83 4.30 6.34 1.28 2.71 2.15	A 346	0.221 +1	-0.019											
19532+4238	1	FCA		A 97861 B 97861	8.522 0.005 10.405 0.025			298.298 278 80 298.298 349 86	+42.635 374 22 +42.635 227 61	1.94 1.94	1.17 -3.42 1.17 -3.42	0.96 1.12 1.01 0.98 0.95 6.67 5.95 1.01 0.98 0.95	A 160	0.56												
19534+2020	1	LCA		A 97879 B 97879	7.631 0.018 9.393 0.093			298.351 130 93 298.351 165 44	+20.327 399 68 +20.327 459 39	6.87 6.87	34.40 15.60 8.21 18.04	2.81 2.83 1.19 1.78 1.05 13.40 10.20 1.19 7.63 4.32	A 28	0.244 -6	-0.010											
19535+2117	1	FBC		A 97889 B 97889	8.437 0.006 12.175 0.174			298.385 577 12 298.385 511 49	+21.288 818 29 +21.288 636 17	2.83 2.83	-1.63 -7.52 -1.63 -7.52	1.00 0.86 1.26 0.95 0.78 33.81 24.83 1.26 0.95 0.78	A 199	0.69												
19535+2405	1	FCA		A 97886 B 97886	4.641 0.002 7.542 0.031	4.533 0.003 4.585 0.003		298.365 336 77 298.365 012 14	+24.079 525 68 +24.079 384 27	9.08 9.08	22.78 36.29 22.78 36.29	0.54 0.50 0.67 0.66 0.51 9.97 6.18 0.67 0.66 0.51	A 244.5	1.18												
19538+2237	1	FCA		A 97905 B 97905	9.766 0.013 12.041 0.106	9.899 0.023 9.703 0.030		298.441 621 74 298.441 820 29	+22.609 462 03 +22.609 742 18	3.05 3.05	-2.14 -3.91 -2.14 -3.91	1.98 1.79 2.33 2.09 1.69 21.16 26.69 2.33 2.09 1.69	A 33	1.21												
19538-5009	1	FCA		A 97912 B 97912	9.188 0.116 10.535 0.400			298.461 007 68 298.460 986 37	-50.151 112 47 -50.151 071 79	5.06 5.06	-41.67 -14.80 -41.67 -14.80	3.41 8.60 1.13 1.57 0.87 16.80 25.11 1.13 1.57 0.87	A 341	0.15												
19539+3257	1	FCA		A 97917 S 97917	9.983 0.089 10.345 0.124			298.473 756 41 298.473 696 99	+32.947 199 29 +32.947 202 03	3.65 3.65	-0.60 -4.70 -0.60 -4.70	7.85 5.54 1.14 0.79 0.79 11.08 7.67 1.14 0.79 0.79	A 273	0.18												
19540+1518	1	FCA		A 97922 B 97922	7.372 0.004 8.661 0.012	7.841 0.009 9.118 0.022	7.273 0.008 8.559 0.019	298.508 209 07 298.507 742 09	+15.292 115 42 +15.292 418 40	11.96 11.96	-18.61 -12.71 -18.61 -12.71	1.10 1.01 1.50 1.25 1.37 4.29 5.13 1.50 1.25 1.37	A 303.9	1.954												
19541-6933	1	FCA		A 97926 B 97926	10.229 0.012 10.770 0.020	10.143 0.020 10.458 0.082	9.632 0.020 9.802 0.060	298.516 903 68 298.517 863 11	-69.541 373 52 -69.541 195 23	4.34 4.34	24.73 -11.70 24.73 -11.70	1.96 2.99 3.33 1.79 3.07 6.08 6.97 3.33 1.79 3.07	A 62.0	1.37												



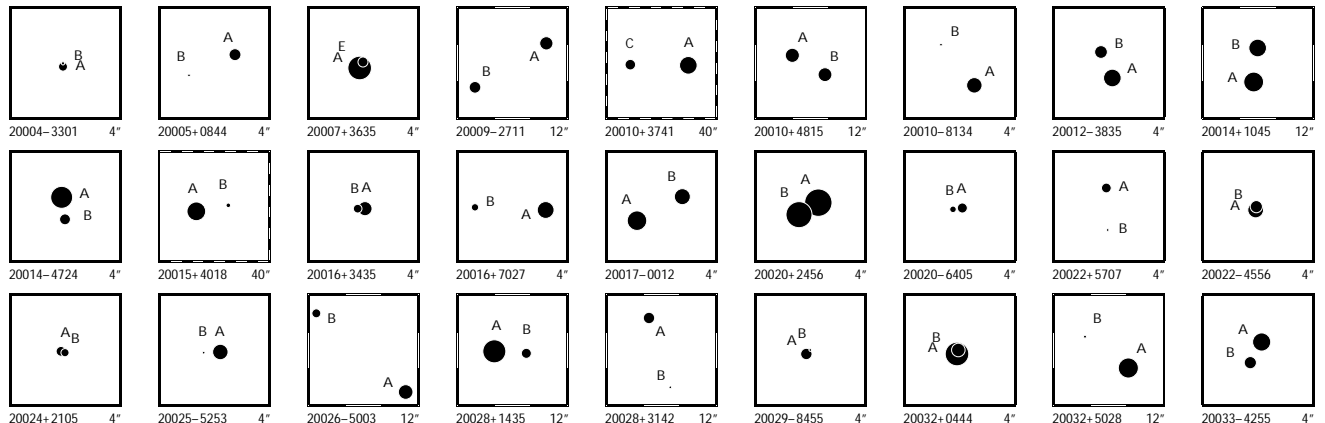
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt						
1	2	3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
19542+0525	1	FND	D	A 97933 B 97933	9.095 0.007 13.342 0.339	9.085 0.015	9.043 0.020		298.544 791 57 298.545 260 81	+5.424 779 55 +5.424 609 29	2.31 2.31	-0.19 -0.19	-9.92 -9.92	1.68 1.46 1.64 2.14 2.00 109.31 90.75 1.64 2.14 2.00	A 110	1.79													
19544+3001	1	FCA	A	A 97949 B 97949	8.500 0.005 10.122 0.021	8.507 0.009	8.435 0.011		298.596 131 37 298.595 886 51	+30.025 276 12 +30.024 728 65	0.19 0.19	2.45 2.45	0.66 0.66	0.95 1.25 1.52 1.19 1.21 6.15 6.85 1.52 1.19 1.21	A 201.2	2.11													
19545+2419	1	FCA	A	A 97961 B 97961	5.958 0.119 6.864 0.274				298.629 419 60 298.629 427 93	+24.319 381 93 +24.319 409 94	6.90 6.90	23.52 23.52	-0.79 -0.79	4.28 6.56 0.72 0.73 0.50 10.02 10.87 0.72 0.73 0.50	A 15	0.10													
19545-5603	1	FCA	B	A 97953 B 97953	8.431 0.007 11.596 0.124				298.612 235 27 298.612 289 09	-56.050 578 44 -56.050 694 58	2.87 2.87	6.16 6.16	-18.52 -18.52	1.44 1.72 1.44 1.54 1.17 27.05 25.88 1.44 1.54 1.17	B 165	0.43													
19549+5049	1	FCA	A	A 97997 B 97997	8.539 0.130 8.630 0.141				298.734 134 69 298.734 140 51	+50.819 946 20 +50.819 986 19	3.87 3.87	5.69 5.69	7.21 7.21	3.80 9.82 0.61 0.57 0.58 4.06 8.89 0.61 0.57 0.58	A 5	0.14													
19550+4152	1	LCA	A	A 98001 B 98001	8.030 0.037 8.720 0.071				298.743 370 43 298.743 406 09	+41.870 820 38 +41.870 875 67	22.31 22.31	-71.87 -16.67	282.24 288.61	5.03 4.42 0.78 3.59 1.71 9.44 7.12 0.78 6.36 3.01	A 26	0.221 +12	+0.030												
19550-3612	1	FCB	A	A 98008 B 98008	7.581 0.241 8.587 0.610				298.760 273 58 298.760 247 69	-36.201 726 90 -36.201 755 51	2.24 2.24	11.13 11.13	-12.83 -12.83	16.81 9.97 0.96 1.12 0.97 71.48 50.68 0.96 1.12 0.97	A 216	0.13													
19551+3012	1	FCA	A	A 98017 B 98017	6.621 0.003 9.720 0.048	6.517 0.003	6.627 0.004		298.777 077 55 298.778 230 02	+30.194 895 79 +30.197 363 25	4.39 4.39	5.42 5.42	0.73 0.73	0.51 0.60 0.74 0.60 0.57 10.46 13.32 0.74 0.60 0.57	A 22.0	9.58													
19552-0051	1	FCB	A	A 98027 B 98027	8.483 0.013 11.792 0.266	9.099 0.021	8.393 0.018		298.800 134 52 298.800 756 61	-0.842 542 37 -0.842 781 12	12.19 12.19	30.08 30.08	-21.82 -21.82	2.06 1.59 1.98 2.40 2.02 48.31 38.01 1.98 2.40 2.02	A 111	2.40													
19553-0644	1	FCA	A	A 98038 B 98038	6.940 0.015 7.983 0.039				298.831 190 54 298.831 261 22	-6.734 629 90 -6.734 658 07	11.67 11.67	16.21 16.21	-58.74 -58.74	4.85 5.31 1.18 1.72 1.15 12.97 14.37 1.18 1.72 1.15	A 112	0.27													
19557+5227	1	FCA	A	A 98055 B 98055	5.048 0.003 7.610 0.033	5.136 0.005	5.005 0.007		298.907 592 82 298.907 674 10	+52.439 023 27 +52.438 189 03	11.30 11.30	-36.62 -36.62	-31.02 -31.02	0.61 0.58 0.58 0.61 0.56 7.38 6.06 0.58 0.61 0.56	A 176.6	3.01													
19559+4912	1	FCC	A	A 98072 B 98072	8.094 0.008 11.768 0.225	7.974 0.007	8.073 0.009		298.976 901 48 298.975 299 96	+49.195 463 85 +49.195 848 79	1.58 1.58	-3.83 -3.83	-11.92 -11.92	1.30 1.11 1.24 1.35 1.05 43.38 42.07 1.24 1.35 1.05	A 290	4.01													
19560+1753	1	FCB	A	A 98087 B 98087	8.325 0.009 11.708 0.194	8.270 0.009	8.323 0.011		299.008 394 06 299.008 892 34	+17.886 846 68 +17.887 971 59	0.94 0.94	0.37 0.37	-4.32 -4.32	1.24 1.18 1.65 1.43 1.15 28.56 28.20 1.65 1.43 1.15	A 22.9	4.39													
19562-3100	1	FCA	A	A 98104 B 98104	10.896 0.014 11.120 0.018	11.661 0.141	10.630 0.087		299.060 864 29 299.060 736 01	-30.997 096 06 -30.997 521 54	5.44 5.44	-27.31 -27.31	0.59 0.59	4.92 2.74 4.53 5.86 3.53 8.45 5.85 4.53 5.86 3.53	A 194.5	1.58													
19562-5509	1	FCA	A	A 98102 B 98102	9.000 0.005 9.436 0.007	9.301 0.021	8.782 0.020		299.058 107 73 299.057 805 25	-55.143 489 66 -55.143 985 31	6.41 6.41	-24.93 -24.93	-12.35 -12.35	2.26 2.06 3.03 3.22 3.17 3.74 2.69 3.03 3.22 3.17	A 199.2	1.890													
19563-1321	1	IFB	A	A 98107 B 98109	9.434 0.019 9.885 0.019	10.953 0.082	9.415 0.035		299.068 592 04 299.070 473 45	-13.345 215 78 -13.348 083 13	-9.19 -27.84	15.90 13.50	9.28 18.06	11.31 6.70 8.52 13.91 9.66 15.38 11.79 17.61 21.69 20.51	A 147.4	12.25	0.0	-0.01											
19571+4939	1	FCA	A	A 98177 B 98177	8.573 0.006 11.404 0.077				299.278 255 11 299.278 500 08	+49.651 025 39 +49.651 043 71	3.92 3.92	-1.99 -1.99	-9.69 -9.69	1.40 0.97 1.04 1.23 0.81 14.77 18.07 1.04 1.23 0.81	A 83	0.57													
19572+3502	1	FCC	A	A 98193 B 98193	7.400 0.006 11.179 0.203				299.305 527 85 299.305 659 54	+35.031 439 81 +35.031 397 81	8.95 8.95	-12.08 -12.08	-15.21 -15.21	1.26 1.41 0.98 0.82 0.87 35.98 59.88 0.98 0.82 0.87	A 111	0.42													
19573+0513	1	FCA	A	A 98203 B 98203	9.057 0.204 9.852 0.423				299.331 137 96 299.331 187 27	+5.212 527 27 +5.212 544 87	5.21 5.21	-10.70 -10.70	-10.69 -10.69	19.58 6.55 1.26 1.33 1.17 29.89 14.32 1.26 1.33 1.17	A 70	0.19													
19573+6253	1	FCA	A	A 98198 B 98198	7.670 0.021 10.465 0.272				299.316 407 13 299.316 430 46	+62.876 754 13 +62.876 826 44	5.03 5.03	14.64 14.64	19.18 19.18	1.95 3.51 0.81 0.93 0.86 27.79 23.54 0.81 0.93 0.86	A 8	0.26													
19573-5414	1	FCA	A	A 98196 B 98196	8.530 0.006 10.839 0.050	8.798 0.009	8.413 0.009		299.314 223 77 299.314 489 92	-54.232 659 27 -54.232 936 80	0.69 0.69	10.39 10.39	-6.89 -6.89	1.39 1.01 1.72 2.10 1.38 13.84 9.59 1.72 2.10 1.38	A 151	1.15													
19575+2018	1	FFC	G	A 98216 B 98216 C 98216	9.222 0.027 9.271 0.029 12.609 0.468				299.384 500 06 299.384 147 34 299.388 498 15	+20.294 485 81 +20.294 292 54 +20.298 325 78	-2.12 -2.12 -2.12	-2.36 -2.36 -2.36	-2.88 -2.88 -2.88	3.95 2.99 5.81 4.63 2.91 9.37 9.00 5.81 4.63 2.91 84.66 78.29 5.81 4.63 2.91	A 239.7 A 44.3	1.38 19.32													
19579+2032	1	FCA	A	A 98255 B 98255	8.383 0.004 11.401 0.063	9.467 0.012	8.310 0.008		299.486 523 28 299.487 434 33	+20.540 885 71 +20.540 589 32	2.70 2.70	10.16 10.16	1.07 1.07	1.12 0.81 1.30 1.05 0.70 16.75 14.78 1.30 1.05 0.70	A 109.2	3.25													
19579+4216	1	FCA	D	A 98253 B 98253	6.586 0.003 9.090 0.031	6.656 0.005	6.567 0.005		299.483 826 16 299.482 756 19	+42.260 795 38 +42.261 070 96	2.57 2.57	-5.25 -5.25	-10.19 -10.19	0.61 0.65 0.70 0.62 0.66 6.28 8.50 0.70 0.62 0.66	A 289.2	3.02													
19579+7415	1	FCA	A	A 98244 B 98244	9.389 0.008 12.085 0.096	9.908 0.026	9.302 0.023		299.472 277 85 299.468 526 50	+74.244 395 50 +74.244 839 56	7.94 7.94	-3.25 -3.25	-19.78 -19.78	1.30 1.20 1.22 1.25 1.28 21.70 18.57 1.22 1.25 1.28	A 293.6	4.00													
19579-0904	1	FCA	A	A 98246 B 98246	7.663 0.009 9.509 0.045	9.731 0.043	7.760 0.018		299.473 753 36 299.476 452 61	-9.058 429 84 -9.059 553 36	-1.33 -1.33	-3.60 -3.60	-14.32 -14.32	2.64 1.81 2.40 3.18 2.32 13.40 10.28 2.40 3.18 2.32	A 112.9	10.41													
19580+0456	1	FCA	A	A 98272 S 98272	9.458 0.006 9.571 0.007				299.511 523 84 299.511 617 54	+4.935 763 93 +4.935 649 84	9.04 9.04	22.91 22.91	4.10 4.10	3.85 2.81 2.99 4.53 3.19 4.26 3.19 2.99 4.53 3.19	A 141	0.531													



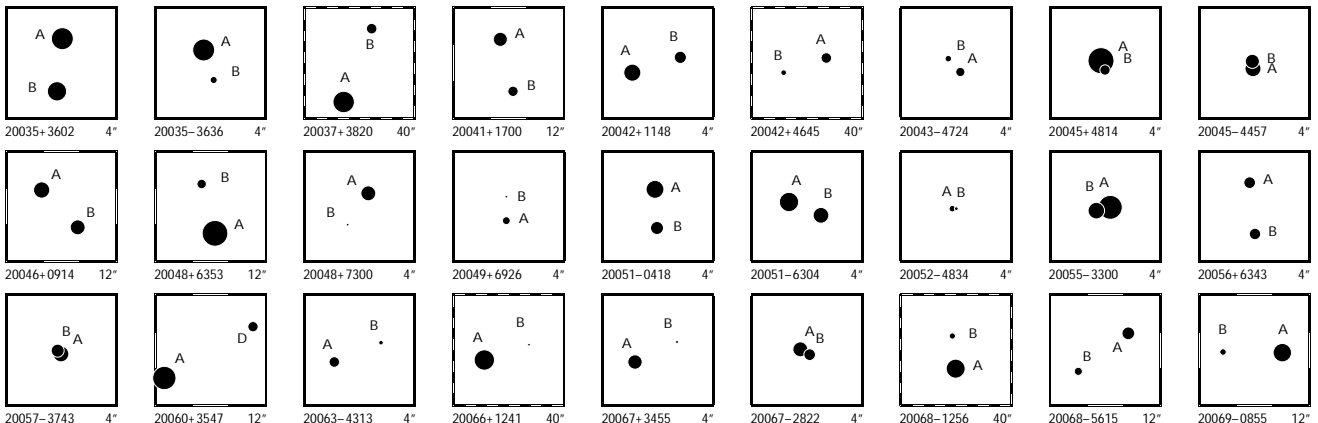
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19580+2715	1	FCA	A 98248 B 98248	8.222 0.006 8.390 0.007								299.476 889 73 299.476 785 28	+27.252 027 02 +27.251 959 18	2.13 2.13	0.30 0.30	-10.99 -10.99	1.10 1.61	1.51 2.56	1.55 1.55	0.95 0.95	1.23 1.23	A	233.8	0.414		
19581+5355	1	FCA	A 98273 B 98273	9.053 0.006 10.015 0.015	9.412 0.017 10.532 0.043	8.957 0.017 9.844 0.037						299.516 664 94 299.514 135 63	+53.924 885 10 +53.923 486 16	6.93 6.93	26.57 26.57	23.63 23.63	1.37 5.01	1.24 4.48	1.28 1.28	1.55 1.55	1.23 1.23	A	226.79	7.36		
19581-4808	1	FCB	A 98274 B 98274	8.614 0.044 10.782 0.320								299.517 819 78 299.517 935 41	-48.133 668 50 -48.133 671 41	21.52 21.52	51.71 51.71	15.62 15.62	7.18 36.60	3.29 26.22	1.53 1.53	2.18 2.18	1.41 1.41	A	92	0.28		
19582-0621	1	FCA	A 98290 B 98290	8.456 0.018 10.504 0.116								299.558 712 40 299.558 711 86	-6.350 591 80 -6.350 674 99	4.21 4.21	-4.76 -4.76	14.19 14.19	2.24 13.71	3.85 15.20	1.51 1.51	1.80 1.80	1.56 1.56	A	180	0.30		
19583+2208	1	FCA	A 98295 B 98295	9.644 0.012 10.476 0.026	9.469 0.019 10.093 0.064	9.310 0.018 9.600 0.055						299.573 656 14 299.573 193 96	+22.138 282 69 +22.138 312 77	3.89 3.89	-0.44 -0.44	-6.11 -6.11	2.14 5.89	2.01 4.98	2.83 2.83	2.41 2.41	1.98 1.98	A	274.0	1.54		
19584-0214	1	FCA	A 98301 B 98301	7.592 0.010 8.437 0.023	7.813 0.032	7.308 0.030						299.594 975 33 299.594 633 78	-2.231 872 35 -2.231 660 97	10.05 10.05	-9.57 -9.57	26.08 26.08	1.72 7.90	1.65 7.00	1.67 1.67	2.03 2.03	1.75 1.75	A	301.8	1.445		
19585+3317	1	LCA	A 98315 B 98315	7.820 0.004 8.420 0.007								299.636 062 55 299.636 232 75	+33.277 442 15 +33.277 258 52	14.19 14.19	59.21 54.40	50.13 55.48	0.98 2.07	1.12 2.42	1.21 1.21	0.85 1.25	0.98 1.49	A	142.2	0.836	0.0	-0.007
19585-3004	1	FCA	A 98307 B 98307	9.064 0.060 10.601 0.247								299.617 928 41 299.617 911 53	-30.071 768 66 -30.071 825 48	4.26 4.26	2.11 2.11	-14.11 -14.11	5.31 22.40	7.52 19.91	1.61 1.61	2.02 2.02	1.34 1.34	A	194	0.21		
19586+3806	1	FCA	A 98320 B 98320	6.681 0.003 7.664 0.006	6.477 0.017	6.594 0.016						299.643 142 55 299.643 413 85	+38.105 691 03 +38.106 196 08	1.85 1.85	3.63 3.63	0.83 0.83	0.61 1.82	0.66 1.90	0.73 0.73	0.63 0.63	0.60 0.60	A	22.9	1.974		
19589+4722	1	FCA	B 98345 A 98345	8.550 0.007 8.556 0.008	9.815 0.035	8.477 0.020						299.716 263 16 299.715 286 29	+47.363 416 93 +47.362 115 42	2.00 2.00	-9.18 -9.18	-13.41 -13.41	1.92 2.79	1.73 2.01	1.31 1.31	1.40 1.40	1.16 1.16	B	206.95	5.256		
19589+8325	1	FCA	A 98350 B 98350	8.571 0.004 11.781 0.075								299.732 743 14 299.732 541 27	+83.414 572 18 +83.414 371 12	3.68 3.68	14.30 14.30	4.26 4.26	0.87 23.39	0.93 18.64	0.91 0.91	0.91 0.91	1.02 1.02	A	187	0.73		
19590-5106	1	FND	D A 98356 B 98356	9.066 0.008 13.158 0.333	9.705 0.022	9.030 0.019						299.745 251 90 299.746 444 41	-51.096 532 32 -51.096 508 35	14.50 14.50	-74.28 -74.28	-45.49 -45.49	1.66 118.37	1.01 68.47	1.61 1.61	2.19 2.19	1.57 1.57	A	88	2.70		
19591+3533	1	FCA	G A 98369 B 98369 C 98369	8.694 0.021 9.197 0.029 11.408 0.215	8.563 0.011 9.067 0.028	8.529 0.015 9.005 0.039						299.781 106 69 299.779 784 83 299.779 592 87	+35.536 152 47 +35.536 677 45 +35.532 888 97	2.53 2.53 2.53	0.07 0.07 0.07	-5.10 -5.10 -5.10	2.37 6.18 30.09	2.84 6.63 31.03	3.05 3.05 3.05	2.32 2.32 2.32	2.33 2.33 2.33	A	296.0	4.31		
19593+4546	1	FCA	A 98383 B 98383	6.075 0.007 8.736 0.079								299.835 062 55 299.835 004 93	+45.772 581 64 +45.772 501 20	6.91 6.91	11.54 11.54	-16.72 -16.72	1.12 13.43	1.35 10.43	0.62 0.62	0.61 0.61	0.51 0.51	A	207	0.32		
19594+2636	1	FCA	A 98390 B 98390	9.700 0.009 11.863 0.064								299.855 025 33 299.854 885 01	+26.592 283 94 +26.592 535 40	4.90 4.90	-1.25 -1.25	3.68 3.68	1.68 17.90	1.66 16.57	2.35 2.35	1.54 1.54	1.70 1.70	A	333	1.01		
19595+2443	1	FCA	A 98397 B 98397	8.404 0.007 11.202 0.085	8.876 0.009	8.350 0.009						299.887 058 66 299.886 528 61	+24.723 325 12 +24.719 314 44	13.01 13.01	28.98 28.98	-26.72 -26.72	0.85 15.36	1.04 25.16	1.37 1.37	0.79 0.79	0.99 0.99	A	186.8	14.54		
19597+3055	1	FCB	A 98409 B 98409	7.605 0.005 11.078 0.123	7.594 0.007	7.565 0.008						299.924 170 10 299.923 545 16	+30.913 937 98 +30.913 439 74	1.78 1.78	-1.09 -1.09	-3.22 -3.22	0.74 27.27	0.84 27.06	1.08 1.08	0.83 0.83	0.83 0.83	A	227	2.63		
19597+3150	1	FCA	A 98402 B 98402	6.701 0.003 9.898 0.054	6.648 0.004	6.647 0.004						299.913 030 66 299.912 918 14	+31.826 487 93 +31.826 783 77	5.40 5.40	7.34 7.34	6.66 6.66	0.51 9.60	0.60 15.37	0.73 0.73	0.56 0.56	0.59 0.59	A	342	1.12		
19598-0957	1	LCA	A 98416 B 98416	6.220 0.030 7.826 0.130								299.947 865 33 299.947 904 27	-9.957 276 32 -9.957 318 14	40.75 40.75	-236.34 -292.35	-391.47 -396.26	3.26 13.98	2.87 12.00	1.35 1.35	2.71 11.23	2.36 10.01	A	137	0.20	+12	-0.03
20002+1454	1	FCA	A 98452 B 98452	8.826 0.010 11.111 0.079								300.053 275 22 300.053 361 80	+14.902 921 43 +14.902 980 93	6.03 6.03	-19.77 -19.77	-12.95 -12.95	2.05 17.16	1.54 12.54	1.62 1.62	1.47 1.47	1.44 1.44	A	55	0.37		
20002+3625	1	LCA	A 98448 B 98446	7.197 0.003 10.371 0.058	8.422 0.009 10.772 0.055	7.140 0.005 10.275 0.060						300.047 628 21 300.044 160 12	+36.414 117 72 +36.415 385 22	6.15 -1.05	15.58 18.27	6.40 10.53	0.81 20.21	0.94 19.58	0.88 8.72	0.78 7.41	0.87 8.27	A	294.43	11.03	+0.03	0.00
20002-5522	1	FNC	G A 98457 B 98457 C 98457	9.747 0.017 10.977 0.260 11.073 0.285	10.382 0.028	9.403 0.019						300.061 403 47 300.061 611 15 300.061 747 55	-55.373 611 40 -55.373 305 28 -55.373 312 54	12.30 12.30 12.30	-12.11 -12.11 -12.11	-0.65 -0.65 -0.65	3.18 36.41 35.49	2.40 16.25 12.86	2.03 2.03 2.03	2.36 2.36 2.36	1.72 1.72 1.72	A	21	1.18		
20002-5617	1	FCB	A 98453 B 98453	9.196 0.010 12.570 0.220	9.688 0.018	9.100 0.016						300.053 449 91 300.051 107 73	-56.276 854 87 -56.276 553 13	6.29 6.29	45.57 45.57	-112.11 -112.11	1.71 51.14	1.38 39.61	2.06 2.06	2.32 2.32	1.92 1.92	A	283	4.81		
20003+1306	1	FCA	A 98468 B 98468	7.612 0.004 11.237 0.115								300.081 822 21 300.081 694 82	+13.100 844 12 +13.100 894 85	5.33 5.33	-4.40 -4.40	2.27 2.27	1.20 27.79	0.91 28.41	1.16 1.16	1.20 1.20	0.80 0.80	A	292	0.48		
20003+2955	1	FCA	A 98460 B 98460	7.506 0.005 10.632 0.090	7.492 0.005	7.456 0.006						300.064 742 84 300.065 006 28	+29.920 639 03 +29.920 315 94	5.38 5.38	6.98 6.98	-5.67 -5.67	0.73 18.20	0.90 24.40	1.21 1.21	0.82 0.82	0.89 0.89	A	145	1.42		
20003+3522	1	FCA	A 98465 B 98465	7.957 0.050 9.782 0.266								300.079 302 14 300.079 277 22	+35.358 386 39 +35.358 336 78	0.41 0.41	-1.12 -1.12	-7.85 -7.85	2.41 13.44	4.75 20.16	0.77 0.77	0.62 0.62	0.63 0.63	A	202	0.19		
20003-2357	1	FCA	A 98471 B 98471	8.558 0.005 9.913 0.018	8.753 0.013	8.359 0.014						300.084 684 82 300.084 838 89	-23.956 169 36 -23.955 888 09	4.70 4.70	19.34 19.34	-27.67 -27.67	1.85 9.86	1.23 6.51	1.79 1.79	1.72 1.72	1.14 1.14	A	26.6	1.13		



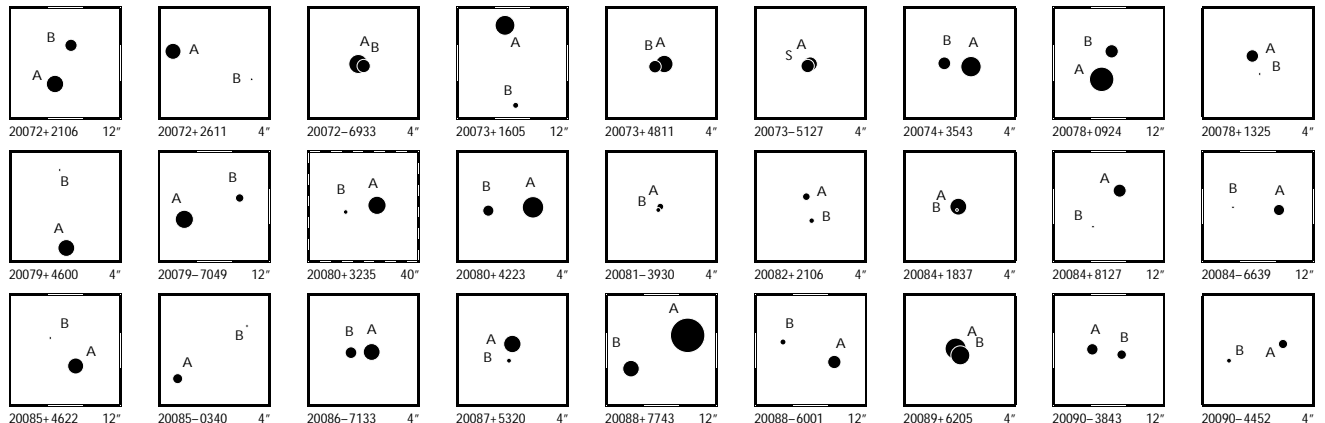
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	$d\theta/dt$	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20004+3301	1	F CA	A 98480 B 98480	10.031 0.135 11.305 0.436							300.104 506 94 300.104 514 60	-33.022 398 97 -33.022 361 10	5.83 5.83	11.01 11.01	-6.31 -6.31	7.37 8.80 1.54 2.23 1.47 22.83 27.50 1.54 2.23 1.47						A 10	0.14		
20005+0844	1	F CB	A 98487 B 98487	9.364 0.010 12.132 0.129	9.598 0.023	9.318 0.025					300.122 236 52 300.122 718 88	+8.725 609 18 +8.725 404 50	0.71 0.71	5.59 5.59	4.32 4.32	2.04 1.70 2.26 2.57 2.30 33.60 25.25 2.26 2.57 2.30					A 113	1.87			
20007+3635	1	F CB	A 98510 E 98510	6.763 0.016 9.752 0.250							300.186 697 27 300.186 657 76	+36.589 730 93 +36.589 791 21	3.34 3.34	4.11 4.11	-1.01 -1.01	2.56 2.34 0.69 0.53 0.61 39.84 25.26 0.69 0.53 0.61					A 332	0.25			
20009-2711	1	F CA	A 98518 B 98518	9.065 0.009 9.396 0.012	9.586 0.029 9.869 0.034	9.005 0.027 9.518 0.039					300.220 692 84 300.223 133 61	-27.181 385 85 -27.182 754 75	5.41 5.41	21.02 21.02	-4.52 -4.52	3.02 2.16 3.16 2.74 1.96 6.70 4.21 3.16 2.74 1.96					A 122.23	9.24			
20010+3741	1	I CB	D A 98528 C 98534	8.100 0.068 9.654 0.232	8.053 0.009 9.627 0.025	8.106 0.012 9.606 0.036					300.248 373 00 300.255 936 15	+37.698 921 89 +37.699 016 23	-0.36 -3.54	-1.58 -7.16	-5.97 33.03	2.36 2.79 2.47 2.42 2.77 45.71 46.20 2.52 27.09 27.90					A 89.1	21.55	-0.1	0.00	
20010+4815	1	F CA	A 98535 B 98535	8.902 0.006 8.930 0.006	9.578 0.027 9.713 0.032	8.763 0.021 8.808 0.023					300.257 040 80 300.255 532 68	+48.257 912 06 +48.257 332 18	16.52 16.52	-113.23 -113.23	-93.11 -93.11	1.77 1.55 1.64 1.76 1.46 3.14 3.03 1.64 1.76 1.46					A 239.99	4.174			
20010-8134	1	F CA	A 98531 B 98531	8.604 0.004 11.643 0.067	8.819 0.010	8.524 0.011					300.250 753 05 300.253 121 04	-81.568 264 63 -81.567 849 52	4.76 4.76	6.75 6.75	-26.76 -26.76	0.83 0.85 0.98 0.86 0.79 12.82 12.43 0.98 0.86 0.79					A 39.9	1.95			
20012-3835	1	F CA	A 98556 B 98556	8.129 0.006 9.208 0.017							300.302 992 19 300.303 142 55	-38.586 733 37 -38.586 465 57	13.07 13.07	17.68 17.68	-68.29 -68.29	1.96 1.05 1.79 2.32 1.34 7.25 4.53 1.79 2.32 1.34					A 23.7	1.05			
20014+1045	1	F CA	A 98578 B 98578	7.595 0.008 8.107 0.013	7.928 0.017 8.483 0.019	7.482 0.017 7.983 0.016					300.361 063 06 300.360 942 86	+10.748 557 92 +10.749 596 67	12.56 12.56	83.48 83.48	25.30 25.30	1.49 1.12 1.60 1.51 1.05 3.42 2.48 1.60 1.51 1.05					A 353.5	3.764			
20014-4724	1	F CA	A 98577 B 98577	7.151 0.003 9.610 0.021							300.355 015 67 300.354 966 52	-47.397 327 22 -47.397 555 85	11.86 11.86	11.97 11.97	-7.18 -7.18	1.07 0.62 1.12 1.60 0.99 9.01 4.89 1.12 1.60 0.99					A 188	0.832			
20015+4018	1	I CA	A 98582 B 98580	7.887 0.004 10.996 0.071	7.852 0.007 11.413 0.101	7.889 0.010 10.363 0.062					300.367 888 57 300.363 631 15	+40.298 904 77 +40.299 555 36	0.78 0.55	2.34 8.96	-2.42 -4.66	1.07 1.09 1.04 1.05 1.14 21.39 23.00 10.04 9.34 12.46					A 281.3	11.92	0.0	-0.01	
20016+3435	1	F CA	A 98593 B 98593	8.857 0.025 10.053 0.075							300.391 068 50 300.391 159 21	+34.583 096 04 +34.583 092 24	1.87 1.87	7.66 7.66	-2.63 -2.63	4.05 2.20 1.04 0.88 0.78 8.62 7.39 1.04 0.88 0.78					A 93	0.27			
20016+7027	1	F CA	A 98594 B 98594	8.285 0.005 10.354 0.036	8.374 0.009 10.314 0.075	8.238 0.010 9.673 0.048					300.391 552 52 300.393 711 77	+70.454 468 32 +70.454 492 90	5.65 5.65	7.94 7.94	10.77 10.77	1.04 0.97 0.96 1.12 0.99 10.71 8.15 0.96 1.12 0.99					A 88.1	2.60			
20017-0012	1	F CA	A 98600 B 98600	7.668 0.005 8.444 0.010	7.585 0.036	7.569 0.037					300.413 189 20 300.412 726 13	-0.199 026 51 -0.198 785 42	4.97 4.97	4.51 4.51	1.10 1.10	1.92 1.60 2.18 2.60 1.92 4.36 4.65 2.18 2.60 1.92					A 297.5	1.879			
20020+2456	1	L CA	A 98636 B 98636	5.932 0.003 6.222 0.003							300.505 725 21 300.505 947 66	+24.937 873 65 +24.937 749 58	15.43 15.43	89.69 87.37	69.73 67.24	0.66 0.77 0.97 0.58 0.63 1.53 1.90 0.97 0.86 1.02					A 121.6	0.853	+0.2	-0.001	
20020-6405	1	F CA	A 98631 B 98631	9.760 0.025 10.566 0.051							300.491 762 00 300.491 985 08	-64.076 506 52 -64.076 517 22	0.69 0.69	30.64 30.64	-49.50 -49.50	3.72 2.57 2.62 2.32 1.68 8.60 7.31 2.62 2.32 1.68					A 96	0.35			
20022+5707	1	F CA	A 98645 B 98645	9.862 0.008 12.081 0.061	10.600 0.038	9.777 0.029					300.552 331 95 300.552 324 89	+57.119 793 19 +57.119 367 82	10.46 10.46	107.56 107.56	223.73 223.73	1.20 1.34 1.24 1.28 1.24 14.24 13.72 1.24 1.28 1.24					A 181	1.53			
20022-4556	1	F CA	A 98648 B 98648	8.508 0.133 9.297 0.276							300.554 849 65 300.554 828 90	-45.940 018 80 -45.939 981 58	1.65 1.65	-3.29 -3.29	-2.27 -2.27	4.29 8.98 1.22 2.11 1.16 11.09 15.99 1.22 2.11 1.16					A 339	0.14			
20024+2105	1	F CA	D A 98662 B 98662	9.860 0.231 10.193 0.314							300.596 187 81 300.596 139 72	+21.090 254 56 +21.090 234 51	-0.01 -0.01	-0.90 -0.90	-5.56 -5.56	21.07 10.63 1.34 1.30 0.96 20.31 11.33 1.34 1.30 0.96					A 246	0.18			
20025-5253	1	F CA	A 98669 B 98669	8.590 0.006 11.943 0.113							300.614 812 64 300.615 089 95	-52.886 685 15 -52.886 690 23	7.97 7.97	-19.27 -19.27	-52.53 -52.53	1.59 1.02 1.63 1.73 1.41 29.82 30.31 1.63 1.73 1.41					A 92	0.60			
20026-5003	1	L FD	D A 98679 B 98681	8.758 0.033 10.041 0.105	10.135 0.037	8.785 0.020					300.645 110 32 300.649 392 43	-50.051 781 20 -50.049 377 22	84.75 84.75	402.98 334.48	-344.41 -311.41	11.00 8.53 11.17 14.71 13.93 59.03 32.87 11.17 86.48 60.32					A 48.8	13.15	-0.3	-0.03	
20028+1435	1	F CA	A 98695 B 98695	6.910 0.003 9.769 0.043	8.107 0.009 9.857 0.052	6.841 0.005 9.637 0.072					300.691 796 80 300.690 783 32	+14.582 686 12 +14.582 624 97	2.51 2.51	2.07 2.07	1.70 1.70	0.81 0.67 1.01 0.86 0.86 10.12 11.23 1.01 0.86 0.86					A 266.4	3.54			
20028+3142	1	F CA	A 98700 B 98700	9.499 0.009 12.000 0.084	9.787 0.020	9.439 0.022					300.698 899 95 300.698 134 74	+31.696 075 57 +31.693 951 29	3.70 3.70	4.72 4.72	-27.20 -27.20	1.34 1.63 1.93 1.53 1.72 22.44 25.82 1.93 1.53 1.72					A 197.0	8.00			
20029-8455	1	F CC	A 98708 B 98708	9.471 0.151 12.135 1.755							300.730 513 69 300.729 979 37	-84.919 704 85 -84.919 665 91	2.34 2.34	11.92 11.92	-19.22 -19.22	14.97 12.58 1.84 1.68 1.75 107.16 94.59 1.84 1.68 1.75					A 309	0.22			
20032+0444	1	L CA	A 98730 B 98730	6.795 0.058 8.975 0.432							300.802 438 54 300.802 423 31	+4.730 241 16 +4.730 283 17	2.67 2.67	27.19 -84.74	18.92 -93.91	2.16 4.76 0.92 6.14 6.02 26.04 30.74 0.92 31.09 35.00					A 340	0.16	-51	-0.07	
20032+5028	1	F CC	A 98734 B 98734	7.585 0.004 11.360 0.117	7.628 0.006	7.539 0.008					300.806 247 17 300.808 346 98	+50.464 980 54 +50.465 961 87	4.57 4.57	8.66 8.66	-19.05 -19.05	0.79 0.74 0.78 0.79 0.72 40.64 23.71 0.78 0.79 0.72					A 53.7	5.97			
20033-4255	1	F CA	A 98739 B 98739	7.950 0.004 9.289 0.013							300.819 423 03 300.819 579 15	-42.923 521 43 -42.923 738 84	6.83 6.83	-15.21 -15.21	-6.88 -6.88	1.49 0.88 1.55 1.96 1.30 5.50 3.24 1.55 1.96 1.30					A 152.3	0.884			



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20035+3602	1	FCA	A 98753 B 98753	7.145 0.004 7.755 0.007		7.752 0.022	7.605 0.022	300.872 506 05 +36.025 159 49 300.872 575 98 +36.024 617 60	0.03 0.03	-3.27 -8.03 -3.27 -8.03	0.79 0.97 1.02 0.79 0.96 1.95 2.03 1.02 0.79 0.96	A 174.0 1.961														
20035-3636	1	FCB	A 98756 B 98756	7.120 0.004 10.444 0.070		7.152 0.006	7.083 0.008	300.881 829 31 -36.596 304 03 300.881 694 16 -36.596 611 19	7.53 7.53	6.69 -25.33 6.69 -25.33	1.28 0.90 1.20 1.38 1.01 41.47 36.17 1.20 1.38 1.01	A 199 1.17														
20037+3820	1	IND	D A 98773 B 98770	7.264 0.008 9.689 0.045		9.384 0.018 9.799 0.029	7.398 0.007 9.449 0.033	300.914 618 71 +38.327 330 66 300.911 053 07 +38.334 909 34	-0.18 3.30	-15.01 -11.78 -3.96 -0.82	1.37 1.57 1.44 1.32 1.50 10.67 11.53 7.55 7.09 8.04	A 339.74 29.08 +0.03 +0.01														
20041+1700	1	FCA	A 98825 B 98825	8.880 0.006 9.735 0.014		9.256 0.016 9.866 0.026	8.800 0.016 9.546 0.031	301.037 443 47 +17.000 796 69 301.037 049 70 +16.999 207 16	3.85 3.85	0.82 0.65 0.82 0.65	1.61 1.58 2.17 1.80 2.04 4.40 5.02 2.17 1.80 2.04	A 193.33 5.88														
20042+1148	1	FCA	W A 98826 B 98826	8.195 0.005 9.287 0.012		8.059 0.012 9.007 0.025	8.144 0.016 9.007 0.025	301.038 546 81 +11.794 519 37 301.038 043 34 +11.794 674 84	2.23 2.23	2.06 -4.09 2.06 -4.09	1.61 1.28 1.12 1.96 1.62 4.36 3.77 1.72 1.96 1.62	A 287.5 1.860														
20042+4645	1	FCA	A 98827 B 98827	9.678 0.019 10.733 0.042		9.647 0.019 10.845 0.061	9.601 0.026 10.579 0.075	301.041 262 81 +46.741 809 82 301.047 663 87 +46.740 311 13	2.45 2.45	-3.74 -4.76 -3.74 -4.76	1.67 1.61 1.74 1.79 1.61 10.39 10.66 1.74 1.79 1.61	A 108.86 16.69														
20043-4724	1	FCA	A 98837 B 98837	9.957 0.008 10.551 0.013				301.064 801 75 -47.395 903 97 301.064 979 94 -47.395 766 35	6.27 6.27	17.13 -8.31 17.13 -8.31	3.45 2.41 4.13 5.35 4.22 8.20 4.55 4.13 5.35 4.22	A 41 0.659														
20045+4814	1	FCA	A 98858 B 98858	6.210 0.003 9.705 0.077				301.119 943 93 +48.229 663 26 301.119 873 40 +48.229 571 50	5.63 5.63	10.92 0.51 10.92 0.51	0.70 0.68 0.54 0.59 0.45 17.12 14.32 0.54 0.59 0.45	A 207 0.37														
20045-4457	1	FCA	A 98859 B 98859	8.477 0.011 8.869 0.016				301.124 038 97 -44.946 936 34 301.124 041 93 -44.946 854 14	5.18 5.18	16.93 -8.80 16.93 -8.80	2.11 1.78 1.27 1.88 1.16 3.62 2.65 1.27 1.88 1.16	A 1 0.296														
20046+0914	1	FCA	A 98862 B 98862	8.421 0.005 8.677 0.007		8.291 0.014 8.587 0.019	8.342 0.018 8.561 0.024	301.143 840 26 +9.240 084 96 301.142 738 43 +9.238 935 26	-0.81 -0.81	-3.55 -15.01 -3.55 -15.01	1.77 1.50 1.87 1.85 1.78 3.36 2.47 1.87 1.85 1.78	A 223.41 5.697														
20048+6353	1	FCA	A 98872 B 98872	6.316 0.002 9.872 0.059		6.368 0.004 10.162 0.042	6.286 0.004 9.539 0.036	301.185 478 23 +63.890 116 46 301.186 425 79 +63.891 613 55	12.74 12.74	2.98 37.47 2.98 37.47	0.56 0.52 0.53 0.53 0.50 15.44 14.83 0.53 0.53 0.50	A 15.6 5.59														
20048+7300	1	FND	D A 98874 B 98874	8.701 0.006 11.951 0.109		9.372 0.019	8.616 0.016	301.190 858 81 +72.996 240 20 301.191 569 39 +72.995 914 26	18.44 18.44	129.99 169.57 129.99 169.57	1.09 1.01 0.98 0.92 0.94 22.78 29.63 0.98 0.92 0.94	A 147 1.39														
20049+6926	1	FCA	A 98888 B 98888	10.254 0.008 12.765 0.077				301.220 247 13 +69.426 908 19 301.220 261 84 +69.427 142 99	2.99 2.99	-19.09 -37.16 -19.09 -37.16	1.41 1.57 1.43 1.58 1.66 20.25 23.29 1.43 1.58 1.66	A 1 0.85														
20051-0418	1	FCA	A 98916 B 98916	8.061 0.008 9.134 0.022		8.357 0.024	7.867 0.021	301.280 114 73 -4.308 194 52 301.280 094 70 -4.308 589 16	13.49 13.49	68.40 52.99 68.40 52.99	2.27 1.86 2.24 2.77 2.10 9.50 9.51 2.24 2.77 2.10	A 182.9 1.42														
20051-6304	1	FCA	A 98919 B 98919	7.769 0.005 8.523 0.010		7.609 0.018	7.484 0.020	301.286 649 97 -63.061 474 73 301.285 914 46 -63.061 603 82	5.59 5.59	5.48 -40.05 5.48 -40.05	1.03 0.93 1.31 0.97 0.92 3.18 2.06 1.31 0.97 0.92	A 248.8 1.286														
20052-4834	1	FND	D A 98927 B 98927	10.553 0.379 11.171 0.670				301.302 592 80 -48.565 187 69 301.302 525 06 -48.565 187 94	16.33 16.33	75.63 -102.60 75.63 -102.60	23.41 7.35 1.79 2.51 1.63 61.72 12.88 1.79 2.51 1.63	A 270 0.16														
20055-3300	1	FCA	A 98960 B 98960	6.740 0.004 8.335 0.017				301.383 431 50 -32.999 818 77 301.383 592 98 -32.999 856 55	3.48 3.48	7.48 -7.45 7.48 -7.45	1.61 1.10 1.30 1.44 0.99 7.85 7.66 1.30 1.44 0.99	A 106 0.51														
20056+6343	1	FCA	A 98967 B 98967	9.419 0.006 9.502 0.006		9.805 0.039 9.911 0.038	9.095 0.036 9.244 0.026	301.395 835 12 +63.704 916 74 301.395 708 99 +63.704 391 58	14.04 14.04	204.38 149.64 204.38 149.64	1.88 2.23 1.84 2.09 2.64 2.43 2.71 1.84 2.09 2.64	A 186.1 1.901														
20057-3743	1	FCA	A 98979 B 98979	8.526 0.145 9.105 0.247				301.421 628 05 -37.714 787 13 301.421 677 98 -37.714 755 48	7.87 7.87	16.80 -7.05 16.80 -7.05	10.96 9.02 1.12 1.27 1.15 18.04 12.44 1.12 1.27 1.15	A 51 0.18														
20060+3547	1	ICA	A 99002 D 99001	6.819 0.004 9.710 0.050		6.885 0.006 9.618 0.053	6.789 0.007 9.494 0.080	301.488 861 08 +35.788 390 95 301.485 518 67 +35.789 967 69	-0.96 -2.98	-3.43 -7.66 3.13 -6.21	0.87 0.93 0.92 0.89 0.93 15.99 17.97 13.46 11.96 13.93	A 300.2 11.29 0.0 0.00														
20063-4313	1	FCA	A 99029 B 99029	9.643 0.007 10.963 0.023		10.181 0.025	9.451 0.021	301.574 159 72 -43.215 364 48 301.573 494 76 -43.215 167 86	11.92 11.92	-39.26 -245.82 -39.26 -245.82	2.17 1.14 2.13 3.19 1.82 7.61 5.33 2.13 3.19 1.82	A 292.1 1.88														
20066+1241	1	FND	D A 99048 B 99045	7.484 0.019 11.819 0.932		9.201 0.039	7.501 0.019	301.641 049 07 +12.681 649 72 301.636 396 86 +12.683 249 33	0.74 0.74	17.52 -8.84 17.52 -8.84	1.96 1.74 1.78 2.05 1.91 254.46 241.06 1.78 2.05 1.91	A 289 17.32														
20067+3455	1	FCA	A 99061 B 99061	8.795 0.005 11.314 0.047		9.018 0.011	8.730 0.012	301.670 890 36 +34.911 202 42 301.670 367 61 +34.911 405 37	-1.70 -1.70	-1.29 -8.47 -1.29 -8.47	0.89 0.92 1.13 0.92 0.94 10.32 11.93 1.13 0.92 0.94	A 295.3 1.71														
20067-2822	1	FCA	A 99057 B 99057	8.707 0.014 9.423 0.027				301.665 752 91 -28.371 360 82 301.665 650 11 -28.371 419 73	6.60 6.60	44.51 -13.05 44.51 -13.05	3.51 2.16 2.42 2.61 1.75 8.44 4.24 2.42 2.61 1.75	A 237 0.39														
20068-1256	1	FCA	A 99066 B 99066	7.791 0.008 10.642 0.103		9.360 0.026 11.591 0.172	7.790 0.013 10.236 0.073	301.690 769 76 -12.926 992 54 301.691 109 75 -12.923 592 54	3.62 3.62	5.10 -10.22 5.10 -10.22	1.47 1.17 1.47 1.61 1.36 26.24 18.59 1.47 1.61 1.36	A 5.6 12.30														
20068-5615	1	FCA	A 99076 B 99076	9.153 0.006 10.196 0.014		9.711 0.019 10.853 0.050	9.023 0.016 9.990 0.036	301.708 930 98 -56.254 841 85 301.711 688 93 -56.255 991 25	11.13 11.13	-134.47 -110.69 -134.47 -110.69	1.76 1.38 2.21 2.35 2.33 4.98 5.21 2.21 2.35 2.33	A 126.9 6.895														
20069-0855	1	FCA	A 99085 B 99085	7.934 0.005 10.573 0.056		8.234 0.014 10.740 0.129	7.867 0.016 10.304 0.127	301.732 719 89 -8.914 257 43 301.734 576 72 -8.914 224 13	6.40 6.40	8.38 -11.78 8.38 -11.78	1.39 1.04 1.49 1.62 1.35 13.41 11.66 1.49 1.62 1.35	A 89.0 6.60														

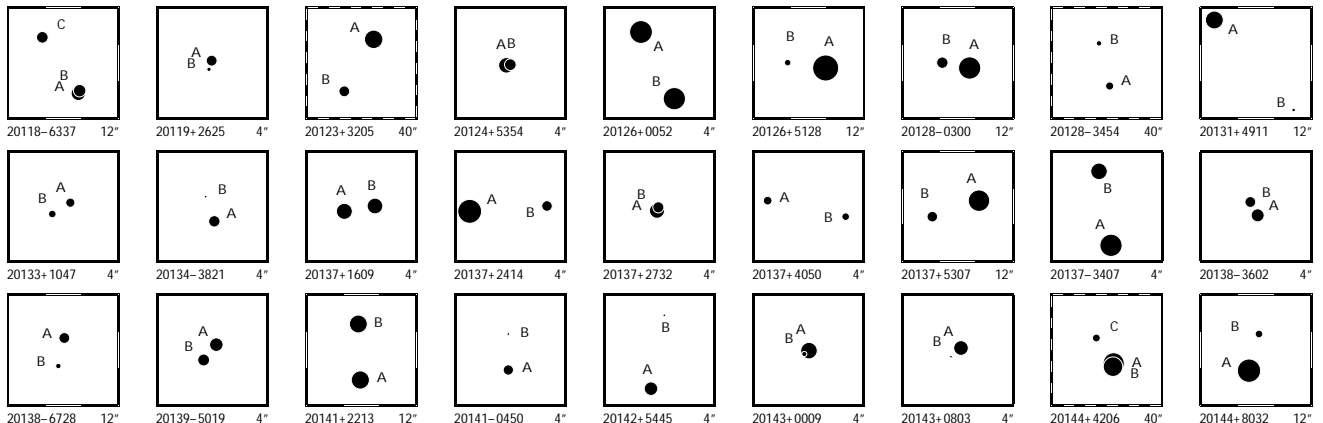


System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry			
	S	N		H _p	σ	B_T	σ	V_T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt	
1	2-3	5-6	7-8	9-10	11-12	13-14	15-16	17	18-19	20-22	23-24	25-26	27-28	29										
20072+2106	1	F CA	A 99103 B 99103	8.189 0.006 9.285 0.016	9.428 0.026 9.335 0.025	8.137 0.016 9.121 0.032	301.807 648 19 +21.103 691 84 301.807 143 38 +21.104 881 31	2.23 2.23	4.41 6.58 4.41 6.58	1.34 1.38 1.71 1.55 1.84 4.78 4.85 1.71 1.55 1.84	A 338.4 4.606													
20072+2611	1	F CA	A 99106 B 99106	8.471 0.006 11.737 0.112	8.942 0.011	8.401 0.010	301.810 711 35 +26.179 833 79 301.809 827 37 +26.179 538 10	11.07 11.07	-4.49 -79.50 -4.49 -79.50	1.09 1.19 1.59 1.15 1.11 31.07 35.07 1.59 1.15 1.11	A 250 3.05													
20072-6933	1	F CA	A 99104 B 99104	7.788 0.019 9.030 0.058			301.807 636 44 -69.555 443 71 301.807 476 22 -69.555 470 32	5.18 5.18	8.99 -29.02 8.99 -29.02	2.21 1.77 0.87 0.59 0.63 5.66 5.56 0.87 0.59 0.63	A 245 0.223													
20073+1605	1	F CA	A 99117 B 99117	7.640 0.004 10.652 0.067	7.609 0.008 10.621 0.060	7.623 0.011 10.613 0.098	301.836 581 01 +16.076 307 38 301.836 232 30 +16.073 843 09	2.16 2.16	-1.81 -7.48 -1.81 -7.48	0.88 0.81 1.09 1.05 1.00 14.46 14.88 1.09 1.05 1.00	A 187.7 8.95													
20073+4811	1	F CA	A 99112 B 99112	8.137 0.007 9.220 0.018			301.826 521 45 +48.190 705 74 301.826 669 92 +48.190 680 19	6.24 6.24	-16.32 -7.50 -16.32 -7.50	1.50 1.26 0.98 1.12 0.85 4.06 4.27 0.98 1.12 0.85	A 104 0.368													
20073-5127	1	F CA	A 99114 S 99114	8.886 0.186 9.031 0.212			301.830 096 70 -51.450 350 75 301.830 144 87 -51.450 380 12	4.04 4.04	16.16 -11.94 16.16 -11.94	12.08 11.74 1.07 1.34 0.97 10.92 10.50 1.07 1.34 0.97	A 134 0.15													
20074+3543	1	F CA	A 99122 B 99122	7.507 0.006 9.198 0.030			301.848 697 66 +35.718 311 96 301.849 029 43 +35.718 344 12	1.33 1.33	-2.80 -6.65 -2.80 -6.65	0.93 0.98 1.17 0.97 1.06 6.63 6.77 1.17 0.97 1.06	A 83.2 0.98													
20078+0924	1	F CA	A 99158 B 99158	6.629 0.003 9.087 0.027	7.020 0.006 9.889 0.118	6.562 0.008 8.665 0.076	301.959 750 60 +9.399 763 75 301.959 432 71 +9.400 615 38	23.12 23.12	46.58 28.37 46.58 28.37	0.90 0.92 1.04 1.02 1.11 9.33 5.44 1.04 1.02 1.11	A 339.8 3.27													
20078+1325	1	F CA	A 99151 B 99151	9.267 0.008 11.796 0.079			301.938 616 74 +13.420 631 55 301.938 547 31 +13.420 451 21	7.67 7.67	-62.82 -196.03 -62.82 -196.03	1.69 1.74 2.13 1.66 2.10 22.31 17.92 2.13 1.66 2.10	A 201 0.69													
20079+4600	1	F CB	A 99159 B 99159	8.262 0.006 11.868 0.171	8.596 0.009	8.195 0.009	301.971 600 01 +45.998 521 33 301.971 703 96 -45.999 326 88	0.58 0.58	12.93 18.38 12.93 18.38	1.15 1.17 1.25 1.17 1.12 49.97 48.84 1.25 1.17 1.12	A 5 2.91													
20079-7049	1	F CA	A 99162 B 99162	8.008 0.004 10.118 0.028	9.203 0.012 10.510 0.037	7.922 0.007 9.900 0.034	301.983 636 92 -70.815 065 59 301.978 404 24 -70.814 415 18	3.70 3.70	8.34 3.13 8.34 3.13	0.86 0.94 1.24 0.84 0.93 8.00 7.78 1.24 0.84 0.93	A 290.7 6.62													
20080+3235	1	F CA	A 99168 B 99168	7.978 0.006 11.009 0.092	7.964 0.008 11.420 0.167	7.951 0.009	301.991 389 13 +32.586 345 43 301.995 148 15 +32.585 706 79	0.95 0.95	-0.58 -3.05 -0.58 -3.05	0.75 0.85 1.09 0.78 0.80 17.04 18.22 1.09 0.78 0.80	A 101.4 11.63													
20080+4223	1	F CA	A 99170 B 99170	7.275 0.003 9.510 0.021	8.334 0.013	7.166 0.007	302.004 825 77 +42.384 996 28 302.005 445 37 +42.384 956 22	5.36 5.36	2.05 3.94 2.05 3.94	0.66 0.67 0.73 0.69 0.64 6.37 6.76 0.73 0.69 0.64	A 95.0 1.65													
20081-3930	1	F CB	A 99185 B 99185	10.485 0.332 10.904 0.488			302.037 025 56 -39.491 539 73 302.037 062 62 -39.491 569 84	4.02 4.02	-10.82 9.79 -10.82 9.79	16.10 24.20 1.81 2.41 1.53 32.22 31.11 1.81 2.41 1.53	A 136 0.15													
20082+2106	1	F CA	A 99191 B 99191	10.308 0.012 10.820 0.018			302.051 939 41 +21.103 177 06 302.051 880 83 +21.102 933 98	3.82 3.82	-8.26 10.23 -8.26 10.23	2.55 3.30 3.16 2.99 4.89 6.37 6.43 3.16 2.99 4.89	A 192.7 0.90													
20084+1837	1	F CC	A 99203 B 99203	8.303 0.081 11.850 2.120			302.095 153 20 +18.615 894 12 302.095 167 39 +18.615 855 98	3.78 3.78	-5.14 -18.18 -5.14 -18.18	1.75 5.38 0.97 0.91 0.90 81.08 130.68 0.97 0.91 0.90	A 161 0.15													
20084+8127	1	F CA	A 99209 B 99209	9.136 0.007 11.880 0.082	9.427 0.018	9.055 0.019	302.110 673 55 +81.456 650 06 302.116 235 36 +81.455 541 61	6.40 6.40	13.20 8.18 13.20 8.18	1.25 1.13 1.21 1.39 1.35 23.63 15.27 1.21 1.39 1.35	A 143.3 4.98													
20084-6639	1	F ND	A 99204 B 99204	9.516 0.011 13.200 0.315	9.895 0.023	9.455 0.023	302.095 816 99 -66.650 250 59 302.099 428 55 -66.650 174 55	4.66 4.66	-5.37 6.72 -5.37 6.72	1.62 1.48 1.92 1.69 1.57 77.20 79.82 1.92 1.69 1.57	A 87 5.16													
20085+4622	1	F CA	A 99211 B 99211	8.488 0.005 11.522 0.073	8.650 0.011	8.405 0.012	302.113 072 79 +46.374 877 93 302.114 213 34 +46.375 726 93	3.30 3.30	15.14 7.06 15.14 7.06	0.90 0.85 0.96 0.99 0.92 16.89 16.28 0.96 0.99 0.92	A 42.8 4.17													
20085-0340	1	F CA	A 99217 B 99217	9.770 0.011 11.930 0.080	10.132 0.032	9.709 0.035	302.121 983 11 -3.661 444 64 302.121 265 32 -3.660 897 49	5.69 5.69	7.17 6.14 7.17 6.14	3.23 1.92 3.25 3.87 3.16 28.80 14.94 3.25 3.87 3.16	A 307.4 3.24													
20086-7133	1	F CA	A 99227 B 99227	8.281 0.004 9.399 0.010			302.147 647 91 -71.552 514 92 302.148 313 43 -71.552 522 29	4.02 4.02	3.82 11.34 3.82 11.34	0.99 1.06 1.41 1.05 1.08 3.44 4.58 1.41 1.05 1.08	A 92.0 0.759													
20087+5320	1	F CA	A 99238 B 99238	8.165 0.003 10.942 0.041			302.169 055 04 +53.336 571 29 302.169 101 14 +53.336 392 27	3.55 3.55	10.10 -40.64 10.10 -40.64	0.87 0.83 0.84 0.98 0.75 13.65 9.80 0.84 0.98 0.75	A 171 0.65													
20088+7743	1	F CA	A 99255 B 99255	4.400 0.002 8.341 0.089	4.344 0.002	4.391 0.002	302.222 151 74 +77.711 361 78 302.230 462 81 +77.710 324 24	9.97 9.97	11.11 23.72 11.11 23.72	0.49 0.47 0.47 0.49 0.49 16.85 20.67 0.47 0.49 0.49	A 120.4 7.38													
20088-6001	1	F CA	A 99251 B 99251	9.041 0.005 10.695 0.023	9.496 0.013 11.076 0.054	8.936 0.012 10.376 0.047	302.209 318 32 -60.020 737 77 302.212 437 37 -60.020 129 82	8.69 8.69	74.94 -59.22 74.94 -59.22	1.10 1.26 1.72 0.93 1.09 4.87 6.74 1.72 0.93 1.09	A 68.7 6.02													
20089+6205	1	F CA	A 99257 B 99257	7.291 0.015 7.778 0.023			302.236 653 41 +62.076 668 50 302.236 543 12 +62.076 601 27	4.05 4.05	9.23 -16.05 9.23 -16.05	1.57 1.70 0.62 0.67 0.58 2.60 2.55 0.62 0.67 0.58	A 218 0.305													
20090-3843	1	F CA	A 99264 B 99264	9.458 0.012 9.927 0.018	9.796 0.027	9.271 0.026	302.254 458 34 -38.723 505 39 302.253 306 66 -38.723 674 20	1.68 1.68	15.51 -25.79 15.51 -25.79	2.56 1.49 2.48 3.02 2.30 6.57 3.25 2.48 3.02 2.30	A 259.4 3.29													
20090-4452	1	F CA	A 99268 B 99268	9.979 0.011 10.890 0.024	10.025 0.027 10.427 0.076	9.560 0.027 9.944 0.068	302.257 380 11 -44.862 735 13 302.258 169 48 -44.862 900 69	4.71 4.71	14.56 -38.44 14.56 -38.44	2.91 1.63 3.02 4.24 2.26 8.51 6.70 3.02 4.24 2.26	A 106.5 2.10													

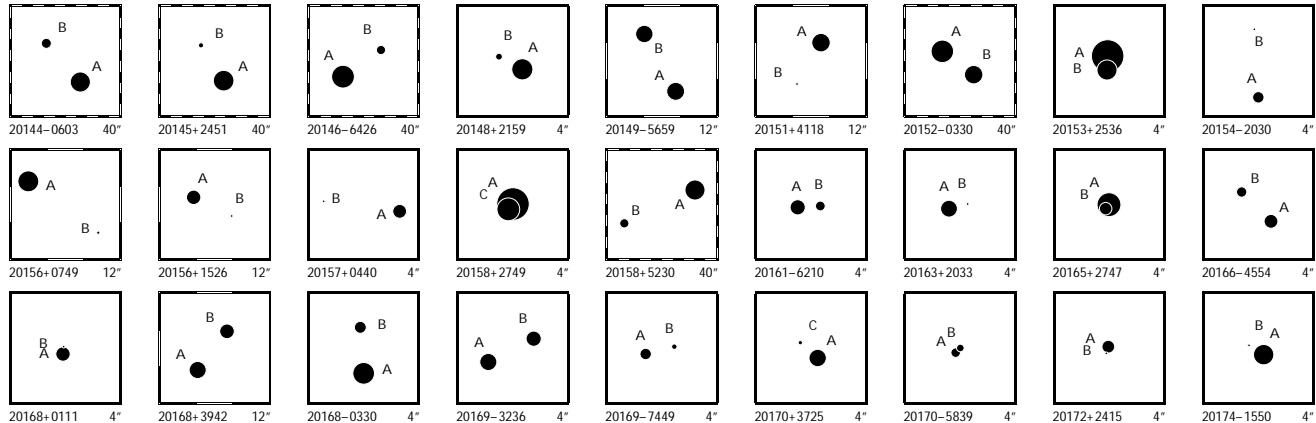


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry														
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt									
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29						
20092+3529	1	F	A	A 99283	7.799	0.006	8.753	0.014	7.865	0.008	7.730	0.010	302.309	674	88	+35.483	867	03	1.50	-3.46	-6.06	1.02	1.16	1.34	1.14	1.33	A	301.38	5.746			
				B 99283	8.120	0.006	8.120	0.006	8.158	0.009	8.053	0.010	302.313	912	70	-33.366	395	04	4.88	4.09	-15.84	1.45	0.95	1.33	1.40	0.90						
20093-3322	1	F	C	A 99286	12.125	0.252	12.125	0.252	12.125	0.252	12.125	0.252	302.315	852	04	-33.367	507	18	4.88	4.09	-15.84	56.80	37.51	1.33	1.40	0.90	A	124.5	7.07			
				B 99286	8.551	0.006	8.551	0.006	8.406	0.018	8.398	0.021	302.368	851	11	+51.674	369	69	2.05	2.37	1.62	1.27	1.17	1.19	1.22	1.10						
20095+5140	1	F	C	A 99307	9.053	0.009	9.053	0.009	8.986	0.027	8.835	0.025	302.369	334	66	+51.674	037	53	2.05	2.37	1.62	2.94	2.93	1.19	1.22	1.10	A	137.9	1.611			
				B 99307	7.821	0.004	7.821	0.004	8.698	0.013	7.746	0.009	302.392	922	63	+16.805	338	65	41.07	3.79	175.79	0.93	0.89	1.18	1.00	1.02						
20096+1649	1	F	C	A 99316	9.917	0.025	9.917	0.025	8.257	0.006	8.257	0.006	302.404	964	06	+33.410	856	72	41.07	3.79	175.79	6.78	6.09	1.18	1.00	1.02	A	14.1	4.45			
				B 99316	8.257	0.006	8.257	0.006	8.997	0.021	8.937	0.028	302.393	236	56	+16.806	537	27	41.07	3.79	175.79	6.78	6.09	1.18	1.00	1.02						
20096+3325	1	F	C	A 99324	9.084	0.012	9.084	0.012	8.220	0.013	8.194	0.016	302.404	964	06	+33.410	856	72	4.19	5.60	0.43	1.18	1.29	1.66	1.18	1.20	A	276.49	4.725			
				B 99324	10.541	0.082	10.541	0.082	8.997	0.021	8.937	0.028	302.403	401	71	+33.411	004	99	4.19	5.60	0.43	3.64	3.62	1.66	1.18	1.20						
20097+4130	1	F	F	D	A 99336	11.149	0.142	11.149	0.142	10.541	0.082	11.149	0.142	302.434	300	58	+41.493	484	29	-1.79	2.63	-4.62	10.29	11.23	1.31	1.18	1.25	A	228	0.22		
				B 99336	10.399	0.015	10.399	0.015	8.220	0.013	8.194	0.016	302.434	241	15	+41.493	444	19	-1.79	2.63	-4.62	13.33	16.37	1.31	1.18	1.25						
20098-3602	1	L	C	A 99345	11.210	0.031	11.210	0.031	6.602	0.005	6.533	0.005	302.454	794	99	-36.033	821	37	1.89	11.64	2.58	5.11	3.40	3.56	4.59	3.01	A	205	0.40	+6	+0.01	
				B 99345	6.602	0.005	6.602	0.005	9.373	0.021	8.677	0.018	302.454	735	86	-36.033	922	12	1.89	-29.40	9.75	15.61	8.57	3.56	5.11	5.64						
20099+2054	1	I	C	A 99352	9.055	0.047	9.055	0.047	6.950	0.004	6.533	0.005	302.485	875	88	+20.914	788	80	22.22	58.82	98.38	1.15	1.01	1.15	1.35	1.24	A	330.3	11.62	0.0	0.00	
				B 99351	8.726	0.008	8.726	0.008	9.373	0.021	8.677	0.018	302.484	166	32	+20.917	593	55	18.75	64.05	101.67	14.29	11.67	7.38	10.96	9.82						
20099-2938	1	F	N	D	A 99350	12.126	0.173	12.126	0.173	6.713	0.006	6.661	0.006	302.473	314	32	-29.633	081	52	11.04	181.22	11.03	55.94	38.60	2.04	2.00	1.42	A	101.4	5.69		
				B 99350	6.713	0.006	6.713	0.006	7.202	0.007	6.661	0.006	302.475	098	05	-29.633	395	47	11.04	181.22	11.03	55.94	38.60	2.04	2.00	1.42						
20101+0827	1	F	C	B	A 99367	10.652	0.215	10.652	0.215	7.202	0.007	6.661	0.006	302.532	608	44	+8.443	821	10	17.19	-61.39	-172.53	0.98	0.82	1.10	1.05	0.94	A	79.1	7.62		
				B 99367	8.058	0.010	8.058	0.010	8.548	0.010	8.077	0.010	302.534	709	64	+8.444	219	55	17.19	-61.39	-172.53	52.75	36.26	1.10	1.05	0.94						
20102+4357	1	L	C	A	A 99376	8.598	0.017	8.598	0.017	8.548	0.010	8.077	0.010	302.555	478	63	+43.945	381	33	19.45	14.35	78.88	1.27	1.68	0.80	1.34	0.91	A	2	0.328	-2	+0.019
				B 99376	8.159	0.003	8.159	0.003	10.292	0.041	9.586	0.035	302.555	481	99	+43.945	472	28	19.45	2.65	98.06	2.78	2.74	0.80	2.65	1.57						
20104+4949	1	F	C	A	A 99388	9.826	0.014	9.826	0.014	8.548	0.010	8.077	0.010	302.596	249	32	+49.821	025	28	10.79	10.18	42.21	0.83	0.79	0.85	0.85	0.77	A	116.99	6.640		
				B 99388	7.491	0.030	7.491	0.030	10.292	0.041	9.586	0.035	302.598	796	73	+49.820	188	10	10.79	10.18	42.21	4.84	4.87	0.85	0.85	0.77						
20104-1923	1	F	C	B	A 99391	10.222	0.377	10.222	0.377	7.491	0.030	7.491	0.030	302.606	088	53	-19.383	148	91	15.93	-3.66	-127.42	5.31	3.95	1.71	1.63	1.23	A	204	0.21		
				B 99391	7.239	0.002	7.239	0.002	10.292	0.041	9.586	0.035	302.606	063	27	-19.383	201	85	15.93	-3.66	-127.42	66.38	37.77	1.71	1.63	1.23						
20105+2503	1	F	C	A	A 99394	9.913	0.025	9.913	0.025	7.239	0.002	7.239	0.002	302.616	819	23	+25.049	047	01	6.80	16.98	-2.02	0.59	0.70	1.00	0.57	0.57	A	348	0.57		
				B 99394	9.760	0.006	9.760	0.006	10.168	0.023	9.662	0.024	302.616	783	00	+25.049	203	09	6.80	16.98	-2.02	7.83	7.24	1.00	0.57	0.57						
20105+2531	1	F	C	A	A 99393	11.242	0.023	11.242	0.023	9.760	0.006	9.760	0.006	302.613	139	09	+25.519	419	92	3.99	-28.66	-54.05	1.42	1.59	2.38	1.28	1.46	A	11.2	5.57		
				B 99393	7.610	0.005	7.610	0.005	10.168	0.023	9.662	0.024	302.613	473	01	+25.520	937	42	3.99	-28.66	-54.05	7.28	6.94	2.38	1.28	1.46						
20105+2922	1	F	C	C	A 99402	11.487	0.183	11.487	0.183	7.610	0.005	7.610	0.005	302.634	313	82	+29.363	812	21	2.96	3.58	-2.54	1.30	1.95	0.94	0.64	0.67	A	275	0.35		
				B 99402	8.459	0.006	8.459	0.006	8.312	0.012	8.341	0.014	302.634	202	83	+29.363	820	09	2.96	3.58	-2.54	36.82	74.44	0.94	0.64	0.67						
20106+3338	1	F	C	A	A 99416	9.851	0.020	9.851	0.020	8.459	0.006	8.312	0.012	302.659	756	88	+33.630	753	91	2.83	-0.02	-2.04	1.02	1.23	1.42	1.09	1.24	B	183.7	1.77		
				B 99416	8.991	0.009	8.991	0.009	9.517	0.021	8.890	0.019	302.659	719	20	+33.630	263	60	2.83	-0.02	-2.04	5.57	5.63	1.42	1.09	1.24						
20106+3452	1	L	F	B	A 99411	9.497	0.014	9.497	0.014	8.991	0.009	8.890	0.019	302.653	442	30	+34.866	778	11	4.81	25.97	-31.24	2.36	3.01	2.98	2.28	2.30	B	172.1	4.13	0.0	+0.01
				B 99411	7.609	0.021	7.609	0.021	10.049	0.038	9.295	0.031	302.653	634	30	+34.866	642	71	4.81	26.87	-44.84	6.59	7.24	2.98	7.01	8.01						
20108+2029	1	F	C	A	A 99421	9.464	0.118	9.464	0.118	7.609	0.021	7.609	0.021	302.688	129	50	+20.486	870	29	0.75	-2.45	-7.71	2.80	2.27	1.03	1.13	0.94	A	231	0.27		
				B 99421	10.056	0.009	10.056	0.009	10.049	0.038	9.295	0.031	302																			

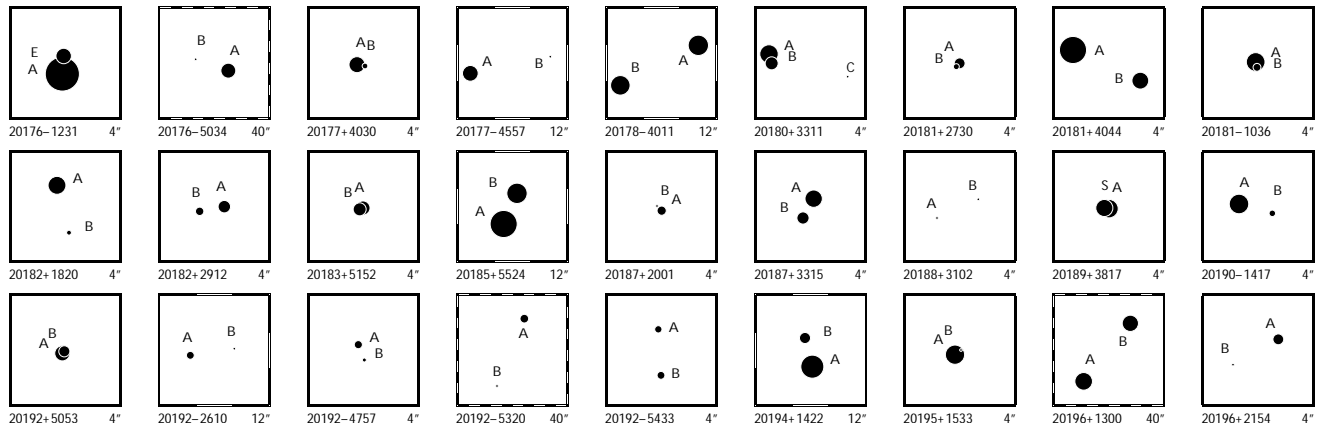
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	mag	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20118-6337	1	FNB	G	A 99521 B 99521 C 99521	8.794 9.223 9.412	0.048 0.071 0.033	9.403	0.019	9.317	0.025	302.961 261 74 302.961 170 64 302.963 758 05	-63.617 012 69 -63.616 940 08 -63.615 301 58	-0.50 -0.50 -0.50	8.04 8.04 8.04	-10.07 -10.07 -10.07	2.63 6.36 6.06	3.49 7.52 5.65	1.90 1.90 1.90	1.34 1.34 1.34	1.44 1.44 1.44	A 331 A 33.0	0.30 7.34						
20119+2625	1	FCA	A	99523 99523	9.587 11.037	0.035 0.135					302.969 119 45 302.969 152 11	+26.413 645 23 +26.413 559 20	2.67 2.67	4.43 4.43	8.66 8.66	2.72 11.14	5.72 15.15	1.72 1.72	1.08 1.08	1.22 1.22	A 161	0.33						
20123+3205	1	ICA	A	99564 99566	7.925 9.594	0.022 0.080	8.120	0.009	7.847	0.009	303.077 541 10 303.081 039 51	+32.081 060 74 +32.075 763 51	9.50 0.02	16.08 -27.89	-22.66 -22.91	1.28 26.51	1.42 31.20	1.47 8.10	1.31 19.31	1.26 20.16	A 150.8	21.85 +0.1 -0.02						
20124+5354	1	FCA	A	99573 99573	8.559 9.446	0.167 0.378					303.109 999 86 303.109 930 30	+53.905 118 09 +53.905 122 31	1.79 1.79	10.92 10.92	9.38 9.38	11.86 26.18	3.85 12.23	0.71 0.71	0.76 0.76	0.57 0.57	A 276	0.15						
20126+0052	1	FCA	A	99585 99585	6.959 7.068	0.006 0.007					303.146 346 66 303.146 007 23	+0.867 102 30 +0.866 422 95	5.41 5.41	2.10 2.10	-19.81 -19.81	1.50 3.03	0.96 1.91	1.55 1.55	1.83 1.83	1.17 1.17	A 206.5	2.734						
20126+5128	1	FND	D	A 99579 B 99579	6.218 10.546	0.003 0.176	7.531	0.006	6.170	0.004	303.132 213 51 303.134 115 66	+51.463 602 34 +51.463 777 86	7.91 7.91	-14.99 -14.99	-15.31 -15.31	0.63 44.24	0.57 39.31	0.62 0.62	0.62 0.62	0.53 0.53	A 82	4.31						
20128-0300	1	FCA	A	99604 99604	7.099 9.493	0.004 0.034	7.252	0.007	7.039	0.009	303.197 174 75 303.198 014 57	-2.995 953 43 -2.995 793 30	6.13 6.13	-14.74 -14.74	0.02 0.02	1.44 10.33	0.90 5.64	1.36 1.36	2.04 2.04	1.01 1.01	A 79.2	3.07						
20128-3454	1	IND	D	A 99605 B 99606	10.188 10.814	0.023 0.039	11.440	0.082	10.050	0.037	303.207 758 94 303.209 037 72	-34.906 398 80 -34.902 074 20	5.41 18.51	-8.60 -25.49	-5.74 -17.64	6.05 22.95	3.13 11.10	5.09 12.53	6.29 15.33	4.42 10.31	A 13.6	16.02 0.0 -0.02						
20131+4911	1	FCB	A	99625 99625	8.053 11.249	0.007 0.133	8.065	0.008	8.026	0.009	303.280 196 63 303.276 472 56	+49.188 487 44 +49.185 721 85	3.93 3.93	8.50 8.50	10.94 10.94	0.93 24.87	0.85 26.54	0.98 0.98	1.03 1.03	0.86 0.86	A 221.4	13.26						
20133+1047	1	FCA	A	99644 99644	9.934 10.342	0.008 0.011					303.332 594 88 303.332 778 56	+10.787 246 49 +10.787 127 93	-0.61 -0.61	4.69 4.69	-12.96 -12.96	3.16 6.05	2.63 5.82	3.42 3.42	3.68 3.68	3.03 3.03	A 123	0.777						
20134-3821	1	FCA	A	99660 99660	9.501 11.677	0.011 0.078					303.359 916 14 303.360 027 33	-38.356 304 93 -38.356 049 57	5.03 5.03	6.53 6.53	8.00 8.00	2.14 19.41	1.21 11.01	2.08 2.08	2.39 2.39	1.62 1.62	A 19	0.97						
20137+1609	1	FCA	A	99689 99689	8.488 8.539	0.005 0.005					303.437 241 17 303.436 908 22	+16.157 944 96 +16.157 996 61	14.21 14.21	-8.50 -8.50	-0.41 -0.41	1.84 3.10	2.16 2.58	2.18 2.18	2.11 2.11	2.98 2.98	A 279.2	1.166						
20137+2414	1	FCA	A	99679 99679	6.741 9.666	0.002 0.031	7.038	0.004	6.710	0.004	303.418 843 45 303.417 980 33	+24.238 931 04 +24.238 978 12	9.75 9.75	48.37 48.37	37.21 37.21	0.55 7.90	0.64 11.40	0.83 0.83	0.64 0.64	0.72 0.72	A 273.4	2.84						
20137+2732	1	FCA	A	99677 99677	8.654 9.537	0.140 0.315					303.416 092 02 303.416 074 54	+27.535 133 60 +27.535 170 56	8.30 8.30	33.52 33.52	16.34 16.34	5.00 11.91	9.48 18.02	1.00 1.00	0.51 0.51	0.65 0.65	A 337	0.14						
20137+4050	1	FCA	A	99688 99688	10.062 10.333	0.009 0.011	9.918	0.021	9.625	0.027	303.436 209 67 303.435 158 62	+40.838 753 55 +40.838 589 35	0.98 0.98	-0.79 -0.79	-8.34 -8.34	1.95 4.44	1.95 4.75	2.10 2.10	1.91 1.91	1.96 1.96	A 258.3	2.923						
20137+5307	1	FCA	A	99680 99680	7.246 9.674	0.002 0.021	7.687	0.008	7.182	0.007	303.419 569 85 303.421 918 62	+53.124 676 32 +53.124 199 07	21.64 21.64	42.97 42.97	168.59 168.59	0.61 5.86	0.60 6.00	0.63 0.63	0.73 0.73	0.57 0.57	A 108.7	5.36						
20137-3407	1	FCA	A	99681 99681	7.109 8.336	0.004 0.011	8.112	0.008	7.027	0.005	303.423 299 02 303.423 449 25	-34.118 441 21 -34.117 680 46	7.51 7.51	23.75 23.75	-10.99 -10.99	1.12 4.85	0.66 2.78	1.09 1.09	1.19 1.19	0.84 0.84	A 9.3	2.775						
20138-3602	1	FCA	A	99694 99694	9.104 9.576	0.007 0.010					303.457 320 42 303.457 409 92	-36.041 498 07 -36.041 357 39	3.79 3.79	10.45 10.45	6.73 6.73	3.35 6.34	2.39 3.31	3.51 3.51	5.08 5.08	2.97 2.97	A 27	0.570						
20138-6728	1	FCA	A	99692 99692	9.598 10.777	0.008 0.022	9.912	0.015	9.422	0.014	303.454 265 80 303.454 722 49	-67.458 427 87 -67.459 273 86	4.12 4.12	1.20 1.20	-11.91 -11.91	1.48 5.15	2.10 6.54	2.79 2.79	1.42 1.42	2.43 2.43	A 168.3	3.11						
20139-5019	1	LCA	A	99703 99703	9.002 9.330	0.006 0.007					303.478 597 05 303.478 805 50	-50.320 818 78 -50.320 969 45	3.68 3.68	4.16 1.00	-16.37 -26.77	3.13 5.49	2.11 3.79	2.58 2.58	3.15 3.15	2.27 3.96	A 138.5	0.724 +0.7 +0.006						
20141+2213	1	FCA	A	99717 99717	8.000 8.044	0.006 0.007	8.000	0.012	7.928	0.014	303.518 846 08 303.518 925 44	+22.222 638 05 +22.224 353 98	1.21 1.21	6.79 6.79	5.39 5.39	1.66 3.37	1.54 3.13	1.83 1.83	1.99 1.99	1.65 1.65	A 2.45	6.183						
20141-0450	1	FNC	P	A 99720 B 99720	9.721 12.564	0.041 0.543	10.450	0.048	9.672	0.038	303.522 291 83 303.522 299 10	-4.837 874 56 -4.837 515 53	-4.76 -4.76	38.47 38.47	2.35 2.35	5.84 152.28	5.56 171.38	5.83 5.83	8.85 8.85	3.92 3.92	A 1	1.29						
20142+5445	1	FCB	A	99732 99732	8.975 12.518	0.007 0.181	8.892	0.011	8.940	0.015	303.544 461 35 303.544 240 28	+54.744 372 38 +54.745 129 83	2.02 2.02	-2.65 -2.65	-4.50 -4.50	1.05 33.08	1.04 39.68	1.05 1.05	1.19 1.19	1.00 1.00	A 350	2.77						
20143+0009	1	FCB	A	99748 99748	8.325 10.832	0.072 0.728					303.583 143 86 303.583 189 50	+0.144 415 95 +0.144 384 67	5.47 5.47	23.17 23.17	6.17 6.17	6.15 56.17	6.85 32.88	1.28 1.28	1.46 1.46	0.85 0.85	A 124	0.20						
20143+0803	1	FND	D	A 99740 B 99740	8.778 12.043	0.008 0.161					303.565 986 88 303.566 085 45	+8.054 566 61 +8.054 484 12	0.68 0.68	7.49 7.49	-2.35 -2.35	1.56 43.41	1.49 37.19	1.83 1.83	1.83 1.83	1.94 1.94	A 130	0.46						
20144+4206	1	FCA	G	A 99749 B 99749 C 99749	7.311 7.684 10.236	0.019 0.026 0.181	9.977	0.031	9.799	0.040	303.589 728 15 303.589 782 54 303.592 083 40	+42.104 345 33 +42.104 086 27 +42.107 009 42	2.76 2.76 2.76	4.34 4.34 4.34	-1.51 -1.51 -1.51	2.51 5.72 22.18	2.76 5.85 22.42	3.00 3.00 3.00	2.69 2.69 2.69	2.65 2.65 2.65	A 171.1 A 33.3	0.94 11.47						
20144+8032	1	FCA	A	99759 99759	6.856 10.293	0.003 0.059	6.797	0.005	6.841	0.005	303.608 644 26 303.606 756 49	+80.531 865 40 +80.532 989 09	8.11 8.11	14.84 14.84	-21.15 -21.15	0.65 14.37	0.57 13.56	0.61 0.61	0.72 0.72	0.64 0.64	A 344.6	4.20						



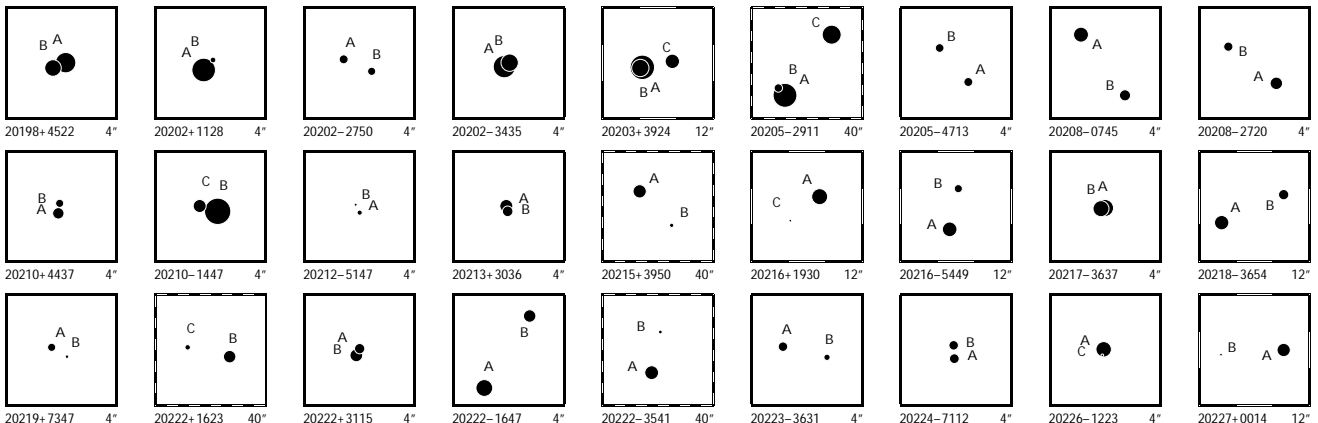
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _I	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20144-0603	1	LFD	D	A 99753 B 99756	7.530 0.024 9.771 0.162		7.867 0.008 11.219 0.090		7.444 0.012 9.278 0.027		303.601 400 49 303.604 891 56	-6.047 387 63 -6.043 394 92	5.97 5.97	29.54 0.13 47.54 15.62		3.07 1.88 3.05 27.25 13.97 3.05	3.51 3.32 26.17 16.33	A	41.0	19.05	0.0	+0.02			
20145+2451	1	FND	D	A 99767 B 99767	7.461 0.006 10.884 0.130		7.393 0.006 10.739 0.058		7.458 0.007 10.726 0.095		303.627 155 56 303.629 734 25	+24.844 782 03 +24.848 331 21	-0.10 -0.10	-1.75 -9.76 -1.75 -9.76		0.70 0.83 1.08 26.67 36.24 1.08	0.74 1.06 0.74 1.06	A	33.4	15.30					
20146-6426	1	FCB	A	A 99772 B 99772	6.980 0.009 9.989 0.125		7.088 0.005 10.293 0.038		6.923 0.005 9.754 0.036		303.645 506 92 303.636 396 98	-64.429 700 45 -64.426 927 69	6.18 6.18	14.77 -30.18 14.77 -30.18		0.77 0.71 1.03 30.01 31.82 1.03	0.75 0.78 0.75 0.78	A	305.2	17.32					
20148+2159	1	FCA	A	A 99788 B 99788	7.332 0.005 10.489 0.083						303.694 712 75 303.694 982 17	+21.975 422 80 +21.975 547 86	3.58 3.58	19.50 -2.34 19.50 -2.34		1.11 0.89 1.20 24.49 26.31 1.20	1.28 0.97 1.28 0.97	A	63	1.01					
20149-5659	1	FCA	A	A 99803 B 99803	8.036 0.006 8.165 0.006		8.464 0.012 8.576 0.011		7.946 0.009 8.041 0.010		303.733 877 83 303.735 639 59	+21.976 246 09 -56.974 484 10	15.32 15.32	38.22 -96.11 38.22 -96.11		1.75 1.46 2.20 3.19 3.37 2.20	2.43 2.00 2.43 2.00	A	28.59	7.224					
20151+4118	1	FND	D	A 99813 B 99813	7.916 0.005 11.483 0.132		7.902 0.007		7.891 0.010		303.783 765 01 303.784 704 25	+41.298 730 06 +41.297 473 56	1.41 1.41	0.49 -4.50 0.49 -4.50		0.74 0.80 0.87 23.47 27.70 0.87	0.74 0.80 0.74 0.80	A	150.7	5.19					
20152-0330	1	ICA	A	A 99816 B 99815	7.038 0.013 7.938 0.028		7.339 0.009 8.521 0.021		6.944 0.007 8.071 0.021		303.794 396 46 303.791 205 32	-3.503 428 56 -3.505 825 02	14.15 17.15	-38.51 -62.53 -42.70 -68.33		2.98 1.66 2.56 13.86 7.30 6.00	4.35 2.22 14.39 6.74	A	233.04	14.35	-0.01	+0.01			
20153+2536	1	FCA	A	A 99824 B 99824	4.796 0.003 7.548 0.026						303.816 212 26 303.816 220 99	+25.591 969 24 +25.591 816 09	2.72 2.72	6.90 -5.02 6.90 -5.02		0.49 0.55 0.77 6.20 5.23 0.77	0.46 0.48 0.46 0.48	A	177	0.55					
20154-2030	1	FCB	A	A 99837 B 99837	9.458 0.017 12.191 0.120		9.786 0.027		9.393 0.030		303.846 599 19 303.846 638 19	-20.495 432 00 -20.494 733 31	5.10 5.10	23.86 -27.71 23.86 -27.71		3.46 2.50 3.75 75.60 48.48 3.75	3.66 3.75 3.66 3.75	A	3	2.52					
20156+0749	1	FCC	A	A 99860 B 99860	7.378 0.004 11.301 0.145		7.533 0.010		7.337 0.012		303.904 648 63 303.902 461 90	+7.808 963 97 +7.807 378 93	8.73 8.73	32.69 9.46 32.69 9.46		1.04 1.00 1.22 43.52 36.47 1.22	1.43 1.61 1.43 1.61	A	233.8	9.66					
20156+1526	1	FND	D	A 99857 B 99857	8.835 0.007 13.175 0.366		8.812 0.015		8.878 0.020		303.890 340 30 303.889 117 33	+15.436 915 87 +15.436 330 61	-1.58 -1.58	-0.66 -11.17 -0.66 -11.17		1.27 1.11 1.48 95.56 91.95 1.48	1.42 1.27 1.42 1.27	A	244	4.74					
20157+0440	1	FCB	A	A 99867 B 99867	8.930 0.007 11.983 0.117		9.339 0.018		8.863 0.018		303.926 727 36 303.927 515 37	+4.661 833 74 +4.661 936 66	9.59 9.59	-8.52 1.46 -8.52 1.46		1.62 1.47 1.90 32.79 31.35 1.90	1.89 1.78 1.89 1.78	A	83	2.85					
20158+2749	1	FCA	A	A 99874 B 99874	4.795 0.009 6.942 0.063						303.942 316 46 303.942 366 91	+27.814 235 47 +27.814 178 18	9.94 9.94	-34.37 5.77 -34.37 5.77		1.06 1.29 0.64 6.93 8.57 0.64	0.39 0.43 0.39 0.43	A	142	0.26					
20158+5230	1	IND	D	A 99875 B 99879	7.539 0.006 9.957 0.037		9.360 0.016 10.436 0.040		7.570 0.007 9.799 0.036		303.955 561 81 303.967 439 77	+52.502 280 25 +52.498 916 91	3.84 4.04	5.10 -4.74 -9.24 -7.27		1.16 1.21 1.02 10.65 10.14 6.02	1.27 1.14 1.27 1.14	A	114.94	28.71	+0.02	-0.01			
20161-6210	1	FCA	A	A 99896 B 99896	8.621 0.004 9.850 0.013						304.027 400 12 304.026 890 35	-62.165 777 29 -62.165 760 68	3.81 3.81	44.15 -75.08 44.15 -75.08		1.22 1.03 1.52 3.86 4.62 1.52	1.20 1.19 1.20 1.19	A	274.0	0.859					
20163+2033	1	FCB	A	A 99914 B 99914	8.302 0.017 11.668 0.366						304.083 157 92 304.082 959 56	+20.550 483 89 +20.550 527 76	1.74 1.74	2.73 -1.89 2.73 -1.89		1.86 1.62 2.32 31.20 27.32 2.32	2.17 1.85 2.17 1.85	A	283	0.69					
20165+2747	1	FCA	P	A 99927 B 99927	6.740 0.025 9.257 0.253						304.113 313 25 304.113 358 48	+27.776 070 41 +27.776 027 40	2.31 2.31	9.05 2.27 9.05 2.27		1.99 2.78 0.80 13.43 17.47 0.80	0.49 0.53 0.49 0.53	A	137	0.21					
20166-4554	1	FCA	A	A 99935 B 99935	8.919 0.007 9.718 0.015		9.218 0.020 9.817 0.049		8.694 0.020 9.240 0.056		304.146 577 31 304.147 003 55	-45.908 029 61 -45.907 722 38	6.37 6.37	-0.49 -3.47 -0.49 -3.47		1.79 1.11 1.74 4.92 3.52 1.74	2.21 1.56 2.21 1.56	A	44.0	1.537					
20168+0111	1	FCB	A	A 99948 B 99948	8.795 0.024 11.726 0.363						304.191 635 65 304.191 631 24	+1.178 732 42 +1.178 805 12	3.04 3.04	7.12 -15.77 7.12 -15.77		3.60 3.44 2.16 55.65 47.31 2.16	2.62 2.07 2.62 2.07	A	357	0.26					
20168+3942	1	FCA	A	A 99954 B 99954	8.214 0.006 8.786 0.009		8.081 0.012 8.593 0.016		8.154 0.016 8.660 0.022		304.202 207 39 304.201 019 83	+39.697 327 03 +39.698 515 19	2.91 2.91	2.75 -3.31 2.75 -3.31		1.26 1.27 1.47 2.59 3.25 1.47	1.16 1.24 1.16 1.24	A	322.44	5.396					
20168-0330	1	FCA	A	A 99956 B 99956	7.210 0.003 9.331 0.021		7.671 0.009		7.108 0.010		304.209 434 91 304.209 475 07	-3.491 428 92 -3.490 955 93	16.51 16.51	-4.24 -103.71 -4.24 -103.71		1.19 0.73 1.21 9.14 4.98 1.21	1.67 0.93 1.67 0.93	A	4.8	1.71					
20169-3236	1	LCA	A	A 99966 B 99966	8.213 0.004 8.632 0.005		8.763 0.020 9.257 0.017		8.020 0.020 8.407 0.018		304.228 010 13 304.227 456 57	-32.607 510 54 -32.607 269 99	21.45 21.45	4.79 52.71 10.89 47.39		2.51 1.23 2.14 3.97 2.14 2.14	2.56 1.62 3.69 3.03	A	297.3	1.889	-0.1	-0.008			
20169-7449	1	FCA	A	A 99959 B 99959	9.453 0.008 10.771 0.026		9.725 0.019		9.247 0.019		304.214 551 51 304.213 431 04	-74.821 814 28 -74.821 731 91	5.25 5.25	15.11 0.84 15.11 0.84		1.51 1.74 1.98 8.04 6.79 1.98	1.77 1.79 1.77 1.79	A	285.7	1.10					
20170+3725	1	FCA	A	A 99982 B 99982	8.141 0.007 11.015 0.098						304.250 119 75 304.250 353 30	+37.423 286 61 +37.423 439 53	3.89 3.89	-1.88 -6.67 -1.88 -6.67		1.21 1.47 1.56 29.85 25.63 1.56	1.21 1.46 1.21 1.46	A	50	0.87					
20170-5839	1	LCA	A	A 99977 B 99977	9.921 0.044 10.336 0.064						304.240 407 15 304.240 317 00	-58.655 345 54 -58.655 304 77	8.54 8.54	-3.27 -13.53 -35.23 -50.44		4.10 4.17 1.77 6.96 7.29 1.77	3.66 4.65 5.72 7.29	A	311	0.224	-13	0.000			
20172+2415	1	FCA	A	A 99998 B 99998	9.190 0.032 11.485 0.266						304.304 648 22 304.304 672 53	+24.251 985 07 +24.251 909 65	1.81 1.81	-12.14 -18.53 -12.14 -18.53		2.84 5.96 1.49 21.43 30.31 1.49	1.18 1.24 1.18 1.24	A	164	0.28					
20174-1550	1	FCC	A	A 100014 B 100014	7.528 0.004 11.622 0.177						304.361 649 36 304.361 806 31	-15.827 631 44 -15.827 545 73	7.49 7.49	14.20 -50.96 14.20 -50.96		1.20 0.66 1.14 51.13 25.09 1.14	1.32 0.91 1.32 0.91	A	60	0.63					



System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20176-1231	1	F C B	A 100027 E 100027	4.435 8.601	0.002 0.084						304.411 900 45 304.411 883 99	-12.508 214 03 -12.508 034 50	4.75 4.75	22.24 22.24	0.75 0.75	0.85 35.57	0.55 13.76	0.96 0.96	0.96 0.96	0.76 0.76	A	355		0.65	
20176-5034	1	F N D	A 100023 B 100023	8.690 11.956	0.009 0.163	10.188 12.473	0.029 0.344	8.649 11.437	0.015 0.212		304.400 469 07 304.405 772 18	-50.558 828 35 -50.557 682 18	0.27 0.27	-1.70 -1.70	-12.32 -12.32	1.72 51.60	1.25 37.87	1.87 1.87	2.57 2.57	1.81 1.81	A	71.2		12.81	
20177+4030	1	F C A	A 100037 B 100037	8.462 10.759	0.024 0.202						304.435 185 32 304.435 075 78	+40.506 865 77 +40.506 844 42	4.44 4.44	10.83 10.83	0.77 0.77	5.33 20.08	2.25 18.54	1.18 1.18	1.02 1.02	0.95 0.95	A	256		0.31	
20177-4557	1	F N D	A 100036 B 100036	8.526 11.722	0.007 0.135	9.728 11.722	0.021 0.135	8.466 11.722	0.013 0.135		304.435 002 30 304.431 430 16	-45.957 201 45 -45.956 693 89	6.30 6.30	92.61 92.61	-90.81 -90.81	1.78 35.07	1.04 26.57	1.63 1.63	2.06 2.06	1.35 1.35	A	281.5		9.12	
20178-4011	1	F C A	A 100045 B 100045	7.480 7.700	0.008 0.009	7.977 8.184	0.010 0.011	7.399 7.661	0.008 0.009		304.456 849 02 304.459 994 95	-40.184 784 74 -40.186 008 41	17.25 17.25	41.69 41.69	11.81 11.81	1.78 5.47	1.28 3.01	1.77 1.77	1.86 1.86	1.73 1.73	A	116.98		9.71	
20180+3311	1	F N C	A 100058 B 100058 C 100058	7.905 9.094 11.964	0.014 0.036 0.339						304.499 626 57 304.499 590 18 304.498 665 67	+33.191 409 84 +33.191 309 30 +33.191 181 44	2.26 2.26 2.26	4.38 4.38 4.38	-1.71 -1.71 -1.71	0.87 4.32 49.15	1.28 6.00 62.93	1.16 1.16 1.16	0.79 0.79 0.79	0.87 0.87 0.87	A	197		0.38	3.04
20181+2730	1	F C A	A 100066 B 100066	9.583 10.658	0.169 0.454						304.520 172 39 304.520 207 99	+27.505 467 63 +27.505 432 70	5.29 5.29	-7.33 -7.33	-10.11 -10.11	11.26 23.64	8.34 32.26	1.27 1.27	0.68 0.68	0.80 0.80	A	138		0.17	
20181+4044	1	F C A	A 100069 B 100069	5.991 8.257	0.003 0.020	6.044 8.150	0.005 0.015	5.969 8.028	0.004 0.014		304.529 125 05 304.528 209 97	+40.732 098 17 +40.731 781 86	2.10 2.10	-2.51 -2.51	-6.53 -6.53	0.52 5.03	0.54 5.10	0.61 0.61	0.55 0.55	0.52 0.52	A	245.5		2.74	
20181-1036	1	F C B	A 100065 B 100065	7.843 10.251	0.043 0.398						304.513 685 67 304.513 670 71	-10.597 442 17 -10.597 495 77	2.77 2.77	24.54 24.54	-17.44 -17.44	5.47 55.83	4.46 30.60	1.80 1.80	2.10 2.10	1.47 1.47	A	195		0.20	
20182+1820	1	F C A	A 100084 B 100084	8.049 10.921	0.004 0.059	8.130 10.921	0.009 0.059	7.985 10.921	0.012 0.059		304.560 018 27 304.559 887 33	+18.328 190 41 +18.327 705 90	3.93 3.93	16.07 16.07	4.90 4.90	1.01 16.29	0.91 12.04	1.24 1.24	0.99 0.99	0.98 0.98	A	194		1.80	
20182+2912	1	L C A	A 100079 B 100079	9.218 10.124	0.006 0.014						304.555 965 05 304.556 259 29	+29.204 370 36 +29.204 323 52	28.04 28.04	-8.14 10.52	-85.01 -87.38	1.31 3.83	1.77 5.41	2.25 2.25	1.17 3.32	1.66 3.77	A	100.3	0.940	-0.1	+0.019
20183+5152	1	F C A	A 100087 B 100087	8.884 9.143	0.191 0.243						304.570 919 93 304.570 979 11	+51.866 982 02 +51.866 967 55	1.07 1.07	4.14 4.14	-1.52 -1.52	13.63 12.95	5.87 8.81	0.68 0.68	0.72 0.72	0.64 0.64	A	112		0.14	
20185+5524	1	F C A	A 100097 B 100097	6.027 7.515	0.003 0.011						304.603 158 60 304.602 475 49	+55.397 170 50 +55.398 106 54	11.21 11.21	-7.58 -7.58	-31.19 -31.19	0.64 3.15	0.63 3.32	0.64 0.64	0.76 0.76	0.69 0.69	A	337.5		3.648	
20187+2001	1	F N D	A 100130 B 100130	9.980 12.232	0.073 0.577						304.687 039 23 304.687 088 40	+20.016 408 19 +20.016 450 76	-0.11 -0.11	-2.32 -2.32	-2.31 -2.31	4.32 71.70	3.82 64.50	2.03 2.03	2.32 2.32	1.70 1.70	A	47		0.23	
20187+3315	1	F C A	A 100127 B 100127	8.150 9.279	0.004 0.011						304.680 845 29 304.680 981 47	+33.250 272 93 +33.250 081 46	0.08 0.08	0.48 0.48	-7.43 -7.43	0.83 3.14	1.00 3.61	1.27 1.27	0.88 0.88	0.94 0.94	A	149.3		0.802	
20188+3102	1	F N D	A 100141 B 100141	11.577 13.771	0.028 0.210	11.939 13.771	0.130 0.210	11.305 13.771	0.126 0.210		304.705 064 94 304.704 567 06	+31.040 828 75 +31.041 022 80	-0.57 -0.57	-2.31 -2.31	-5.48 -5.48	2.35 46.96	2.90 62.75	3.39 3.39	2.46 2.46	2.55 2.55	A	294		1.69	
20189+3817	1	F C A	A 100146 S 100146	7.947 8.247	0.081 0.106						304.715 440 83 304.715 492 69	+38.279 592 94 +38.279 601 70	1.23 1.23	-4.69 -4.69	-5.48 -5.48	6.33 6.70	4.67 5.96	0.65 0.65	0.52 0.52	0.56 0.56	A	78		0.150	
20190-1417	1	F C A	A 100164 B 100164	7.686 10.561	0.003 0.042	8.855 10.561	0.015 0.042	7.593 10.561	0.009 0.042		304.759 604 38 304.759 251 24	-14.290 999 46 -14.291 091 34	2.69 2.69	16.29 16.29	8.41 8.41	1.24 15.32	0.70 8.33	1.29 1.29	1.43 1.43	0.98 0.98	A	255.0		1.28	
20192+5053	1	F C B	A 100180 B 100180	8.665 9.519	0.289 0.634						304.796 847 06 304.796 814 42	+50.880 437 29 +50.880 461 78	1.37 1.37	-0.54 -0.54	24.99 24.99	10.74 22.17	12.77 24.80	0.73 0.73	0.67 0.67	0.66 0.66	A	320		0.12	
20192-2610	1	F C A	A 100182 B 100182	10.252 12.684	0.009 0.077	10.839 12.684	0.047 0.077	10.144 12.684	0.041 0.077		304.809 690 32 304.808 161 69	-26.167 661 05 -26.167 456 79	8.90 8.90	79.93 79.93	-28.61 -28.61	2.47 29.07	1.24 16.03	2.52 2.52	3.09 3.09	2.49 2.49	A	278.5		4.99	
20192-4757	1	L C A	A 100177 B 100177	10.181 11.076	0.008 0.018						304.793 902 43 304.793 822 05	-47.942 759 53 -47.942 918 65	6.63 6.63	12.89 -14.54	-2.77 17.57	3.38 9.57	2.58 5.78	3.26 3.26	5.08 10.89	3.42 7.09	A	199	0.605	+3	-0.010
20192-5320	1	I N B	A 100175 B 100175	10.104 11.604	0.014 0.041	10.635 11.900	0.045 0.168	10.055 11.389	0.040 0.172		304.791 952 58 304.796 727 49	-53.335 881 12 -53.342 748 09	2.83 13.63	3.81 -5.44	9.73 7.22	3.70 18.96	2.97 15.26	3.55 11.88	4.23 14.51	4.18 13.86	A	157.46	26.77	+0.02	0.00
20192-5433	1	F C A	A 100183 B 100183	10.284 10.401	0.011 0.012	10.310 10.247	0.055 0.033	9.685 9.632	0.044 0.033		304.808 844 26 304.808 891 02	-54.544 692 80 -54.544 225 66	6.81 6.81	157.99 157.99	-100.95 -100.95	4.43 5.34	3.55 4.36	3.54 3.54	4.53 4.53	3.27 3.27	B	3.3		1.68	
20194+1422	1	F C A	A 100192 B 100192	6.886 9.550	0.003 0.026	7.211 9.550	0.006 0.026	6.825 9.550	0.007 0.026		304.838 165 96 304.838 386 24	+14.370 703 27 +14.371 594 23	4.72 4.72	14.49 14.49	10.84 10.84	0.76 6.67	0.72 6.10	0.87 0.87	0.87 0.87	0.80 0.80	A	13.5		3.30	
20195+1533	1	F C C	A 100212 B 100212	7.718 11.441	0.012 0.360						304.881 225 05 304.881 162 02	+15.545 088 22 +15.545 142 46	2.43 2.43	-2.96 -2.96	-11.66 -11.66	1.93 38.75	2.12 47.97	1.17 1.17	1.04 1.04	1.16 1.16	A	312		0.29	
20196+1300	1	I N D	A 100226 B 100222	8.127 8.406	0.008 0.010	9.068 9.417	0.021 0.024	8.029 8.290	0.015 0.016		304.910 314 22 304.905 428 73	+13.004 809 58 +13.010 807 12	3.03 6.68	10.50 10.53	-11.35 -13.56	2.08 3.79	1.95 3.39	2.03 2.43	2.39 2.73	2.21 2.67	A	321.56	27.565	0.00	-0.002
20196+2154	1	F C A	A 100220 B 100220	9.595 12.322	0.008 0.093	10.634 12.322	0.051 0.093	9.537 12.322	0.030 0.093		304.901 555 67 304.902 049 83	+21.898 296 18 +21.898 040 52	2.74 2.74	-7.61 -7.61	-9.65 -9.65	2.01 32.38	1.51 26.30	2.21 2.21	2.38 2.38	1.95 1.95	A	119		1.89	

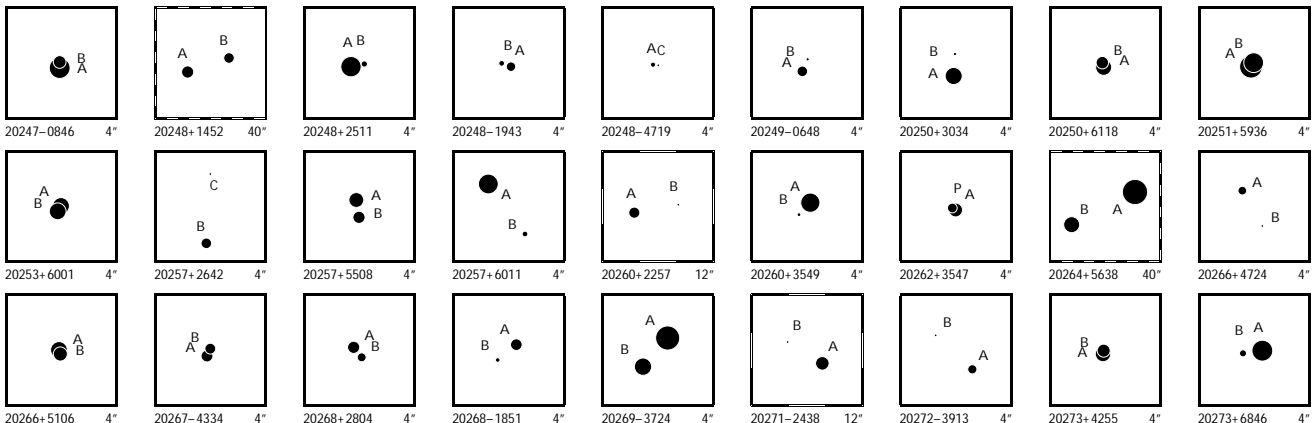


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry												
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt						
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
20198+4522	1	L	C	A 100241 B 100241	7.482 0.004 8.355 0.009							304.956 942 38 +45.363 880 89 304.957 134 19 +45.363 824 82	9.69 9.69	21.30 -31.19 19.50 -24.12	1.13 1.06 0.93 0.89 0.85 2.90 3.40 0.93 1.57 1.94	A	112.6	0.525	-0.6	-0.004									
20202+1128	1	F	C	B	6.805 0.003 10.730 0.103							305.041 421 21 +11.469 409 38 305.041 325 30 +11.469 510 32	3.70 3.70	1.68 -12.71 1.68 -12.71	1.02 0.86 1.02 0.95 1.00 27.58 29.32 1.02 0.95 1.00	A	317	0.50											
20202-2750	1	F	C	A	10.012 0.007 10.187 0.008							305.048 735 07 -27.838 268 02 305.048 411 75 -27.838 385 90	2.07 2.07	7.72 -31.59 7.72 -31.59	4.30 2.46 4.79 6.59 4.32 5.85 3.59 4.79 6.59 4.32	A	247.6	1.113											
20202-3435	1	L	C	A	7.087 0.016 8.188 0.044							305.060 302 72 -34.585 172 22 305.060 234 56 -34.585 135 41	15.87 15.87	40.50 -53.99 54.22 -60.60	2.73 2.16 0.90 2.28 2.40 7.78 6.49 0.90 5.86 6.76	A	303	0.242	0	-0.015									
20203+3924	1	F	C	A G	6.572 0.009 8.174 0.036 8.845 0.052	8.751 0.024	8.493 0.018					305.063 426 26 +39.403 281 72 305.063 537 76 +39.403 246 91 305.062 255 76 +39.403 463 14	9.18 9.18 9.18	-5.11 -22.79 -5.11 -22.79 -5.11 -22.79	1.78 1.58 0.83 0.65 0.74 7.66 7.29 0.83 0.65 0.74 10.01 10.49 0.83 0.65 0.74	A	112	0.33											
20205-2911	1	F	N	D	X	6.718 0.012 7.810 0.023 10.129 0.159	6.806 0.003 7.892 0.005 7.664 0.006	6.651 0.004				305.116 168 74 -29.197 215 86 305.110 636 50 -29.190 986 91 305.117 010 86 -29.196 442 73	4.58 4.58 4.58	-4.32 -0.75 -4.32 -0.75 -4.32 -0.75	1.44 0.92 1.59 1.54 1.07 7.87 4.22 1.59 1.54 1.07 40.95 25.22 1.59 1.54 1.07	A	322.21	28.375											
20205-4713	1	F	C	A	10.034 0.009 10.088 0.009	10.279 0.057 10.399 0.089	9.529 0.038 9.581 0.044					305.132 662 63 -47.210 799 48 305.133 097 38 -47.210 452 15	13.38 13.38	143.97 -26.05 143.97 -26.05	3.53 2.14 3.17 3.99 3.14 6.56 4.07 3.17 3.99 3.14	A	40.4	1.64											
20208-0745	1	F	C	A	8.700 0.007 9.546 0.015	9.646 0.038 9.739 0.033	8.568 0.018 9.246 0.028					305.196 944 33 -7.743 982 01 305.196 486 25 -7.744 606 75	3.47 3.47	6.28 -3.39 6.28 -3.39	2.01 1.29 1.97 2.26 1.75 6.31 4.07 1.97 2.26 1.75	A	216.0	2.78											
20208-2720	1	F	C	A	9.221 0.027 9.974 0.013	9.416 0.027 9.900 0.047	8.982 0.024 9.486 0.044					305.191 771 95 -27.236 950 86 305.192 329 67 -27.336 573 88	0.98 0.98	18.91 -2.21 18.91 -2.21	2.54 1.53 2.79 3.35 2.80 6.07 4.26 2.79 3.35 2.80	A	52.7	2.24											
20210+4437	1	L	C	A B	9.460 0.015 10.225 0.029							305.241 178 84 +44.608 237 35 305.241 154 51 +44.608 337 04	20.44 20.44	-157.02 41.08 -146.88 59.30	2.33 2.92 1.87 2.14 1.94 6.05 6.31 1.87 4.82 3.36	A	350	0.364	+2	+0.016									
20210-1447	1	F	C	A B C	6.160 0.003 9.136 0.045							305.193 844 49 -14.784 893 27 305.194 032 95 -14.784 843 50	10.40 10.40	42.64 0.37 42.64 0.37	1.04 0.65 1.04 1.12 0.98 12.87 9.19 1.04 1.12 0.98	B	75	0.68											
20212-5147	1	F	C	A	10.863 0.043 11.319 0.065							305.295 613 62 -51.791 318 27 305.295 683 63 -51.791 247 29	43.57 43.57	-40.15 93.92 -40.15 93.92	5.99 5.75 2.85 3.52 3.44 15.09 11.09 2.85 3.52 3.44	A	31	0.30											
20213+3036	1	F	C	A	9.105 0.048 9.653 0.079	9.416 0.027 9.653 0.079	8.982 0.024 9.486 0.044					305.331 462 79 +30.601 006 95 305.331 449 36 +30.600 944 71	3.47 3.47	8.05 10.32 8.05 10.32	2.89 5.59 1.26 0.79 0.98 5.86 8.35 1.26 0.79 0.98	A	191	0.23											
20215+3950	1	F	C	A	9.083 0.016 11.046 0.085	10.069 0.031 11.782 0.153	9.121 0.022 10.850 0.112					305.386 357 62 +39.829 342 38 305.382 151 33 +39.825 865 04	3.37 3.37	-3.84 -4.24 -3.84 -4.24	1.37 1.55 1.68 1.43 1.58 20.72 23.88 1.68 1.43 1.58	A	222.9	17.09											
20216+1930	1	F	C	B	8.489 0.009 11.972 0.230	8.887 0.014	8.426 0.014					305.398 704 45 +19.494 473 34 305.399 663 33 +19.493 764 53	4.55 4.55	9.30 3.51 9.30 3.51	1.73 1.38 1.96 2.21 1.44 55.40 52.96 1.96 2.21 1.44	A	128	4.14											
20216-5449	1	F	C	A	8.789 0.008 10.209 0.029	9.449 0.019	8.681 0.016					305.410 803 81 -54.812 165 01 305.410 390 01 -54.810 933 33	18.92 18.92	-231.40 -149.99 -231.40 -149.99	1.90 1.48 2.05 2.42 1.97 8.19 6.38 2.05 2.42 1.97	A	349.0	4.52											
20217-3637	1	F	C	A	8.246 0.201 8.454 0.244							305.429 313 04 -36.609 965 84 305.429 358 70 -36.609 977 81	16.53 16.53	67.87 -44.49 67.87 -44.49	13.39 12.44 1.14 1.58 0.78 21.03 17.40 1.14 1.58 0.78	A	108	0.14											
20218-3654	1	F	C	A	8.805 0.009 9.745 0.021	9.228 0.017 10.332 0.049	8.652 0.016 9.514 0.037					305.448 195 39 -36.901 466 49 305.445 812 48 -36.900 606 10	5.82 5.82	4.28 -15.50 4.28 -15.50	2.85 1.55 2.99 3.65 2.08 9.68 4.79 2.99 3.65 2.08	A	294.30	7.53											
20219+7347	1	F	C	A	10.186 0.007 11.233 0.019							305.471 957 46 +73.785 336 04 305.471 385 35 +73.785 237 67	1.90 1.90	2.26 2.34 2.26 2.34	1.77 1.47 1.57 1.58 1.55 4.61 5.30 1.57 1.58 1.55	A	238.4	0.675											
20222+1623	1	F	C	A B C	9.260 0.022 10.788 0.081	9.425 0.024 11.281 0.116	9.114 0.027 10.341 0.072					305.555 549 17 +16.372 990 99 305.559 989 64 +16.373 976 45	5.61 5.61	0.49 2.33 0.49 2.33	2.71 2.49 3.17 2.82 2.69 29.60 23.47 3.17 2.82 2.69	B	77.0	15.74											
20222+3115	1	F	C	A	9.196 0.026 9.692 0.040							305.542 464 84 +31.253 185 66 305.542 429 80 +31.253 258 10	0.68 0.68	2.33 -8.37 2.33 -8.37	2.16 3.41 1.27 0.85 1.06 4.39 5.85 1.27 0.85 1.06	B	338	0.282											
20222-1647	1	F	C	A	8.285 0.004 9.247 0.010	9.278 0.014 9.908 0.046	8.174 0.013 8.965 0.025					305.549 139 15 -16.779 931 76 305.548 652 03 -16.779 189 88	5.83 5.83	-9.07 -38.23 -9.07 -38.23	2.02 1.19 2.09 2.29 1.90 4.94 3.33 2.09 2.29 1.90	A	327.8	3.155											
20222-3541	1	L	C	A	8.921 0.008 11.154 0.056							305.554 874 64 -35.675 932 44 305.553 699 58 -35.671 792 47	19.61 19.61	66.23 -182.23 16.30 78.79	2.15 1.14 1.97 1.88 1.54 28.01 12.67 1.97 47.09 27.24	A	347.0	15.29	0.0	+0.27									
20223-3631	1	F	C	A	9.909 0.008 10.625 0.016	10.120 0.028	9.597 0.028					305.566 022 24 -36.522 856 57 305.565 467 45 -36.522 957 36	4.48 4.48	6.81 7.47 6.81 7.47	3.05 1.45 2.82 3.28 2.03 8.60 3.65 2.82 3.28 2.03	A	257.3	1.65											
20224-7112	1	F	C	A	9.828 0.011 9.875 0.012							305.603 826 93 -71.196 032 36 305.603 865 02 -71.195 894 64	12.92 12.92	25.99 12.58 25.99 12.58	2.09 3.27 2.96 1.58 2.90 4.23 4.47 2.96 1.58 2.90	A	5	0.498											
20226-1223	1	F	C	A	8.592 0.054 11.505 0.795							305.648 695 56 -12.381 896 28 305.648 711 03 -12.381 957 67	0.54 0.54	-3.33 2.43 -3.33 2.43	3.58 7.36 2.05 2.32 1.39 53.88 58.55 2.05 2.32 1.39	A	166	0.23											
20227+0014	1	F	C	A	9.085 0.008 11.500 0.067	9.138 0.015	9.063 0.019					305.683 980 93 +0.239 447 22 305.685 938 01 +0.239 288 03	3.35 3.35	7.61 -8.77 7.61 -8.77	1.86 1.40 2.00 2.52 1.99 20.95 16.50 2.00 2.52 1.99	A	94.7	7.07											

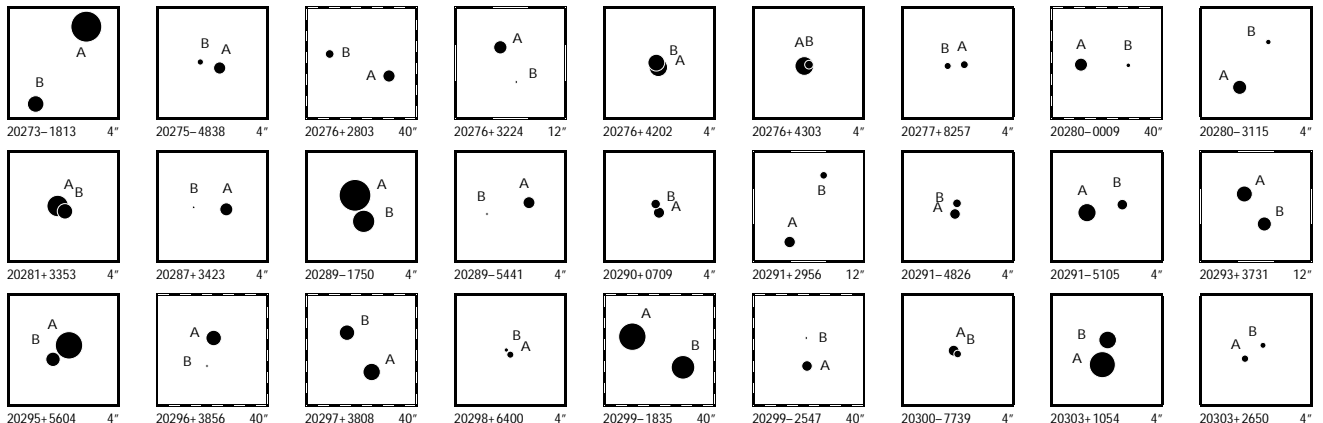


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt						
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
20227-6411	1	F	C	B	A	100494	8.704	0.007	8.937	0.011	8.641	0.012	305.676	873 11	-64.186	249 17	6.88	9.71	2.05	1.24	1.06	1.59	1.26	1.17	A	66	1.80		
						100494	12.650	0.264					305.677	924 95	-64.186	049 99	6.88	9.71	2.05	52.04	46.43	1.59	1.26	1.17					
20228+5325	1	F	C	A	A	100507	7.997	0.005	7.970	0.011	7.962	0.011	305.706	416 33	+53.417	457 78	2.52	10.90	17.32	0.82	0.81	0.85	0.99	0.81	A	38.9	6.81		
						100507	11.123	0.075	10.924	0.074	10.610	0.089	305.708	410 68	+53.418	930 05	2.52	10.90	17.32	17.01	18.11	0.85	0.99	0.81					
20229+2708	1	F	C	A	A	100510	8.299	0.004	8.530	0.009	8.206	0.010	305.714	068 60	+27.131	671 30	5.56	46.18	47.36	0.83	0.92	1.39	0.83	0.90	A	169.9	2.86		
						100510	9.947	0.016	9.996	0.036	9.401	0.026	305.714	225 44	+27.130	889 49	5.56	46.18	47.36	5.55	5.60	1.39	0.83	0.90					
20229+6411	1	F	C	A	A	100513	9.274	0.006	9.368	0.018	9.174	0.021	305.726	307 13	+64.182	931 25	1.62	5.12	1.71	1.54	1.59	1.45	1.15	1.45	A	347.6	4.205		
						100513	10.024	0.011	10.047	0.035	9.828	0.044	305.725	731 80	+64.184	072 05	1.62	5.12	1.71	4.52	4.71	1.45	1.15	1.45					
20230+2020	1	F	C	C	A	100519	8.016	0.012	8.016	0.012	8.016	0.012	305.744	469 85	+20.328	927 20	6.56	28.36	13.39	2.01	2.49	1.55	1.45	1.25	A	338	0.34		
						100519	11.526	0.305					305.744	432 63	+20.329	014 54	6.56	28.36	13.39	37.44	38.56	1.55	1.45	1.25					
20230+4259	1	F	C	A	A	100515	6.475	0.004	7.502	0.010	6.355	0.005	305.731	200 17	+42.983	439 05	9.86	55.72	42.82	0.70	0.69	0.74	0.75	0.70	A	3.1	1.35		
						100515	8.941	0.034					305.731	228 03	+42.983	814 70	9.86	55.72	42.82	6.04	10.24	0.74	0.75	0.70					
20230-6926	1	I	N	D	A	100525	9.179	0.027	10.303	0.028	9.141	0.018	305.755	091 62	-69.428	402 40	2.12	4.13	7.12	2.18	2.42	2.78	2.30	2.98	A	135.9	21.81	-0.1	+0.01
						100531	11.351	0.157	11.671	0.090	11.196	0.094	305.762	088 73	-69.432	755 01	10.68	27.43	12.25	40.60	46.44	36.52	30.57	40.66					
20231+2052	1	F	C	A	A	100536	8.717	0.272	8.717	0.272	8.717	0.272	305.787	433 64	+20.864	208 01	4.00	10.16	-6.12	14.54	10.17	1.04	0.94	0.88	A	239	0.13		
						100536	8.977	0.345					305.787	401 29	+20.864	189 49	4.00	10.16	-6.12	17.38	12.04	1.04	0.94	0.88					
20232+3542	1	F	C	A	A	100540	8.213	0.007	8.617	0.009	8.120	0.008	305.793	455 95	+35.693	061 63	11.52	15.96	11.70	1.04	1.19	1.40	1.11	1.15	A	203.2	9.23		
						100540	11.027	0.091	11.792	0.152	10.945	0.121	305.792	212 51	+35.690	703 86	11.52	15.96	11.70	19.61	24.99	1.40	1.11	1.15					
20232+5947	1	F	C	A	A	100545	9.297	0.133	9.297	0.133	9.297	0.133	305.808	171 20	+59.777	673 86	4.81	3.02	-26.13	7.39	8.12	0.73	0.80	0.68	A	317	0.15		
						100545	9.809	0.213					305.808	113 44	+59.777	705 35	4.81	3.02	-26.13	10.46	11.61	0.73	0.80	0.68					
20233+0534	1	F	N	D	A	100552	9.098	0.007	9.568	0.022	9.046	0.021	305.831	445 43	+5.570	542 83	5.09	18.37	3.06	1.66	1.60	1.69	1.94	1.85	A	351	9.18		
						100552	12.849	0.230					305.831	047 59	+5.573	062 10	5.09	18.37	3.06	81.02	59.29	1.69	1.94	1.85					
20234-2827	1	F	C	A	A	100558	10.635	0.027	10.399	0.062	9.758	0.049	305.865	442 05	-28.445	876 97	10.33	113.85	-52.04	12.98	5.98	7.09	7.97	6.42	A	294.2	2.63		
						100558	10.835	0.031	10.559	0.118	9.759	0.078	305.864	683 61	-28.445	576 62	10.33	113.85	-52.04	17.96	8.67	7.09	7.97	6.42					
20236-5111	1	F	C	A	A	100569	8.857	0.007	8.857	0.007	8.857	0.007	305.899	084 28	-51.188	672 60	7.00	-7.63	4.75	1.99	1.41	1.87	2.64	1.92	A	312	0.78		
						100569	11.207	0.058					305.898	829 39	-51.188	526 65	7.00	-7.63	4.75	24.27	17.99	1.87	2.64	1.92					
20237+4632	1	F	C	A	A	100571	8.460	0.005	8.370	0.008	8.449	0.010	305.914	012 22	+46.527	936 33	1.41	-0.80	-7.74	0.95	0.79	0.95	1.11	0.79	A	325.3	13.82		
						100571	11.502	0.082					305.910	836 22	+46.531	092 61	1.41	-0.80	-7.74	24.22	24.19	0.95	1.11	0.79					
20237-0104	1	F	C	A	A	100572	8.322	0.003	8.322	0.003	8.322	0.003	305.913	287 65	-1.069	672 02	4.04	1.81	-7.22	1.22	0.98	1.38	1.54	1.28	A	356	0.61		
						100572	12.128	0.093					305.913	276 96	-1.069	503 03	4.04	1.81	-7.22	33.18	25.59	1.38	1.54	1.28					
20238+4146	1	F	C	A	A	100583	10.168	0.007	10.168	0.007	10.168	0.007	305.958	728 43	+41.775	056 03	8.94	12.68	-54.97	3.10	3.50	3.20	2.72	3.13	B	282.5	0.96		
						100583	10.226	0.008					305.958	379 49	+41.775	113 84	8.94	12.68	-54.97	4.74	5.01	3.20	2.72	3.13					
20239+5232	1	F	C	A	A	100588	8.673	0.018	8.673	0.018	8.673	0.018	305.965	416 69	+52.531	231 02	0.11	-4.64	-7.20	1.82	2.57	0.81	0.86	0.78	A	207	0.319		
						100588	9.377	0.034					305.965	351 23	+52.531	152 01	0.11	-4.64	-7.20	3.73	4.29	0.81	0.86	0.78					
20239+5420	1	F	C	A	A	100592	9.047	0.059	9.047	0.059	9.047	0.059	305.972	324 71	+54.335	879 49	2.05	-2.12	-5.21	2.84	5.26	0.71	0.78	0.60	A	204	0.18		
						100592	10.701	0.272					305.972	288 74	+54.335	832 73	2.05	-2.12	-5.21	15.12	19.52	0.71	0.78	0.60					
20239-4225	1	L	C	A	A	100591	6.042	0.006	6.042	0.006	6.042	0.006	305.971	612 25	-42.422	904 63	8.80	-11.08	14.99	1.43	0.82	0.95	1.17	0.80	A	264.8	0.381	+2.5	-0.023
						100591	7.118	0.017					305.971	469 48	-42.422	914 27	8.80	10.75	33.97	3.84	2.62	0.95	2.26	2.12					
20241+2156	1	F	N	D	A	100607	10.434	0.010	11.450	0.086	10.202	0.046	306.022	338 23	+21.941	069 41	1.39	-0.28	-6.71	1.53	1.40	2.05	1.48	1.64	A	343	1.32		
						100607	13.502	0.162					306.022	221 55	+21.941	420 57	1.39	-0.28	-6.71	44.51	47.24	2.05	1.48	1.64					
20242+2958	1	F	C	B	A	100620	9.894	0.288	9.894	0.288	9.894	0.288	306.044	742 28	+29.966	865 83	4.91	23.32	3.92	8.88	13.96	1.34	0.79	1.00	A	223	0.16		
						100620	10.738	0.583					306.044	707 47	+29.966	833 80	4.91	23.32	3.92	42.04									

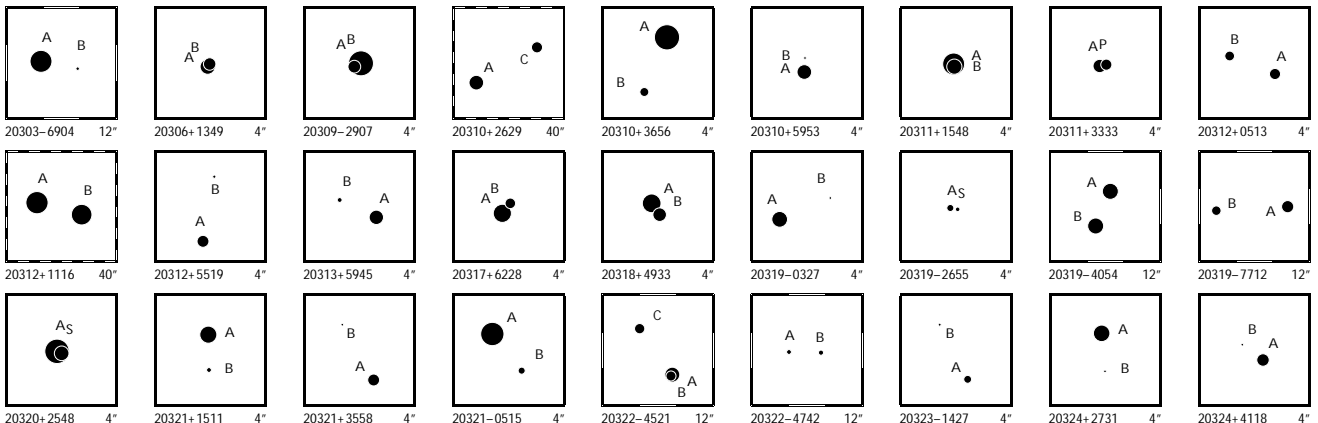
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20247-0846	1	F CA	A 100680 B 100680	7.355 0.020 9.204 0.111				306.185 423 14 306.185 424 18	-8.769 449 40 -8.769 388 27	4.41 4.41	-3.77 -0.51 -3.77 -0.51	2.12 2.77 1.12 1.18 0.95 11.08 9.32 1.12 1.18 0.95	A 1	0.22												
20248+1452	1	I CA	A 100690 B 100687	9.304 0.029 9.657 0.036	9.301 0.037 9.886 0.030	9.230 0.050 9.483 0.033		306.202 315 39 306.197 885 95	+14.868 250 86 +14.869 630 84	7.48 6.31	-1.25 -30.97 -9.23 -34.66	6.34 4.89 5.46 5.57 5.11 13.57 10.74 7.22 10.25 8.82	A 287.87	16.19	-0.02	+0.01										
20248+2511	1	F CA	A 100686 B 100686	7.523 0.004 10.591 0.057				306.194 477 53 306.194 321 16	+25.179 464 13 +25.179 488 55	2.97 2.97	-1.30 -2.68 -1.30 -2.68	0.92 0.69 0.85 0.70 0.66 10.36 13.54 0.85 0.70 0.66	A 280	0.52												
20248-1943	1	F CA	A 100685 B 100685	9.929 0.029 10.716 0.061				306.194 417 21 306.194 522 56	-19.709 970 27 -19.709 927 04	19.46 19.46	43.34 -10.74 43.34 -10.74	4.53 2.43 3.00 3.46 2.33 11.66 6.21 3.00 3.46 2.33	A 66	0.39												
20248-4719	1	F ND	D A 100695 C 100695	10.883 0.364 12.518 1.640				306.212 515 94 306.212 439 81	-47.311 106 35 -47.311 110 43	3.34 3.34	12.42 -14.61 12.42 -14.61	19.61 3.79 2.93 3.85 2.56 199.51 47.21 2.93 3.85 2.56	A 265	0.19												
20249-0648	1	F CA	A 100698 B 100698	9.658 0.007 11.266 0.027				306.227 391 45 306.227 340 49	-6.795 662 37 -6.795 534 85	14.25 14.25	-98.28 -201.81 -98.28 -201.81	2.15 1.57 1.98 2.84 1.96 10.80 7.05 1.98 2.84 1.96	A 338	0.49												
20250+3034	1	F CA	A 100708 B 100708	8.193 0.004 11.282 0.068				306.260 593 76 306.260 575 83	+30.568 167 51 +30.568 393 42	1.73 1.73	3.46 -6.44 3.46 -6.44	0.69 0.91 1.15 0.75 0.90 15.17 17.65 1.15 0.75 0.90	A 356	0.82												
20250+6118	1	F CA	A 100705 B 100705	8.468 0.109 9.212 0.217				306.256 833 65 306.256 875 49	+61.298 173 72 +61.298 217 74	1.88 1.88	6.81 6.24 6.81 6.24	6.32 8.61 0.74 0.77 0.76 12.92 15.44 0.74 0.77 0.76	A 25	0.17												
20251+5936	1	F CA	A 100714 B 100714	6.936 0.027 7.626 0.050				306.270 873 43 306.270 795 28	+59.600 106 34 +59.600 149 00	3.44 3.44	1.95 -9.68 1.95 -9.68	2.20 2.29 0.53 0.60 0.57 3.99 3.99 0.53 0.60 0.57	A 317	0.209												
20253+6001	1	F CA	A 100727 B 100727	8.270 0.035 8.307 0.036				306.319 308 59 306.319 373 75	+60.012 002 50 +60.011 944 46	1.32 1.32	-5.13 -13.90 -5.13 -13.90	2.88 4.08 0.71 0.76 0.80 3.37 4.40 0.71 0.76 0.80	A 151	0.240												
20257+2642	1	F CB	B 100760 C 100760	9.667 0.013 12.585 0.186	9.707 0.029 9.615 0.040			306.430 883 59 306.430 835 65	+26.710 825 29 +26.711 543 45	1.51 1.51	2.98 -1.58 2.98 -1.58	1.89 1.93 2.54 1.97 1.82 46.25 47.70 2.54 1.97 1.82	B 357	2.59												
20257+5508	1	F CA	A 100755 B 100755	8.694 0.005 9.317 0.008				306.419 597 32 306.419 548 97	+55.138 977 03 +55.138 794 55	2.69 2.69	5.66 1.95 5.66 1.95	1.10 1.27 1.15 1.05 1.28 2.45 2.12 1.15 1.05 1.28	A 188.6	0.664												
20257+6011	1	F CA	A 100759 B 100759	7.612 0.005 10.740 0.080	7.860 0.007 7.540 0.008			306.428 248 80 306.427 483 79	+60.177 577 97 +60.177 065 46	4.72 4.72	27.57 12.78 27.57 12.78	0.79 0.78 0.76 0.78 0.83 18.14 15.19 0.76 0.78 0.83	A 216.6	2.30												
20260+2257	1	F CC	A 100782 B 100782	9.534 0.010 12.806 0.192	9.499 0.016 9.497 0.022			306.507 561 48 306.506 092 54	+22.952 878 37 +22.953 115 39	0.79 0.79	-0.08 -4.61 -0.08 -4.61	1.54 1.32 1.94 1.63 1.47 47.68 40.90 1.94 1.63 1.47	A 280	4.94												
20260+3549	1	F CA	A 100777 B 100777	7.749 0.004 11.159 0.082				306.503 962 63 306.504 103 21	+35.811 254 38 +35.811 130 51	10.23 10.23	-8.87 -13.30 -8.87 -13.30	0.72 0.80 0.87 0.71 0.80 17.40 18.64 0.87 0.71 0.80	A 137	0.61												
20262+3547	1	F CA	A 100791 P 100791	8.961 0.076 9.851 0.173				306.547 065 34 306.547 112 86	+35.788 064 05 +35.788 088 02	3.34 3.34	2.70 -1.00 2.70 -1.00	5.54 4.09 0.86 0.71 0.74 10.73 9.18 0.86 0.71 0.74	A 58	0.16												
20264+5638	1	I NB	A 100808 B 100812	6.395 0.009 8.446 0.045	6.395 0.004 8.472 0.015	6.376 0.005 8.309 0.017		306.597 765 00 306.609 586 59	+56.638 677 85 +56.635 375 46	5.96 12.26	10.00 8.35 11.73 3.77	1.06 1.03 0.90 0.97 0.89 12.09 11.74 6.66 7.11 7.10	A 116.92	26.25	+0.01	0.00										
20266+4724	1	F CA	A 100823 B 100823	10.050 0.008 11.835 0.040	10.143 0.030 9.982 0.043			306.653 867 63 306.653 576 58	+47.404 055 07 +47.403 692 59	0.01 0.01	-5.01 -6.13 -5.01 -6.13	1.46 1.22 1.44 1.66 1.29 10.18 9.04 1.44 1.66 1.29	A 208.5	1.49												
20266+5106	1	F CA	A 100824 B 100824	8.271 0.070 8.898 0.125				306.657 245 64 306.657 222 98	+51.105 866 37 +51.105 824 35	3.52 3.52	-19.63 -31.23 -19.63 -31.23	2.88 5.66 0.66 0.67 0.61 5.17 8.12 0.66 0.67 0.61	A 199	0.160												
20267-4334	1	L CA	A 100836 B 100836	9.381 0.026 9.614 0.033				306.684 907 27 306.684 850 96	-43.565 656 47 -43.565 578 48	20.00 20.00	123.24 -125.05 119.99 -96.65	4.18 3.53 2.05 3.94 1.80 4.51 4.03 2.05 5.18 2.34	A 332	0.317	+2	+0.027										
20268+2804	1	F CA	A 100839 B 100839	9.311 0.006 10.013 0.011				306.692 987 44 306.692 904 42	+28.067 883 34 +28.067 781 58	2.91 2.91	1.43 5.64 1.43 5.64	1.36 1.68 2.02 1.14 1.36 3.37 3.92 2.02 1.14 1.36	A 216	0.451												
20268-1851	1	F CA	A 100847 B 100847	9.419 0.008 10.984 0.033				306.706 207 90 306.706 406 73	-18.846 412 08 -18.846 564 36	0.29 0.29	-2.05 -0.68 -2.05 -0.68	2.26 1.31 2.30 2.57 1.67 13.79 7.59 2.30 2.57 1.67	A 129	0.87												
20269-3724	1	F CA	A 100852 B 100852	6.637 0.003 8.153 0.013	7.638 0.014 6.474 0.009			306.721 402 99 306.721 720 77	-37.402 627 00 -37.402 910 15	25.21 25.21	-255.06 -114.25 -255.06 -114.25	1.33 0.77 1.31 1.67 1.15 7.56 3.93 1.31 1.67 1.15	A 138.3	1.37												
20271-2438	1	F ND	D A 100864 B 100864	8.987 0.006 12.470 0.152	10.045 0.035 8.902 0.022			306.774 846 91 306.776 001 32	-24.625 843 70 -24.625 177 48	-1.68 -1.68	10.56 3.31 10.56 3.31	1.66 1.09 1.71 2.22 1.65 54.78 31.10 1.71 2.22 1.65	A 57.6	4.47												
20272-3913	1	F CC	A 100874 B 100874	9.965 0.010 13.455 0.242	10.688 0.046 9.901 0.037			306.806 622 15 306.807 090 66	-39.222 960 94 +39.222 620 72	8.80 8.80	122.72 -125.52 122.72 -125.52	2.16 1.24 2.27 2.68 1.75 71.70 48.60 2.27 2.68 1.75	A 47	1.79												
20273+4255	1	F CA	A 100885 B 100885	8.561 0.157 9.122 0.263				306.834 379 50 306.834 372 14	+42.916 071 70 +42.916 105 21	1.94 1.94	14.39 7.92 14.39 7.92	6.03 10.70 0.69 0.60 0.67 10.60 11.97 0.69 0.60 0.67	A 351	0.12												
20273+6846	1	F CA	A 100884 B 100884	7.373 0.003 10.436 0.048				306.833 691 57 306.834 247 81	+68.767 363 34 +68.767 332 98	6.29 6.29	12.78 -2.56 12.78 -2.56	0.76 0.69 0.69 0.78 0.77 9.95 12.87 0.69 0.78 0.77	A 99	0.73												



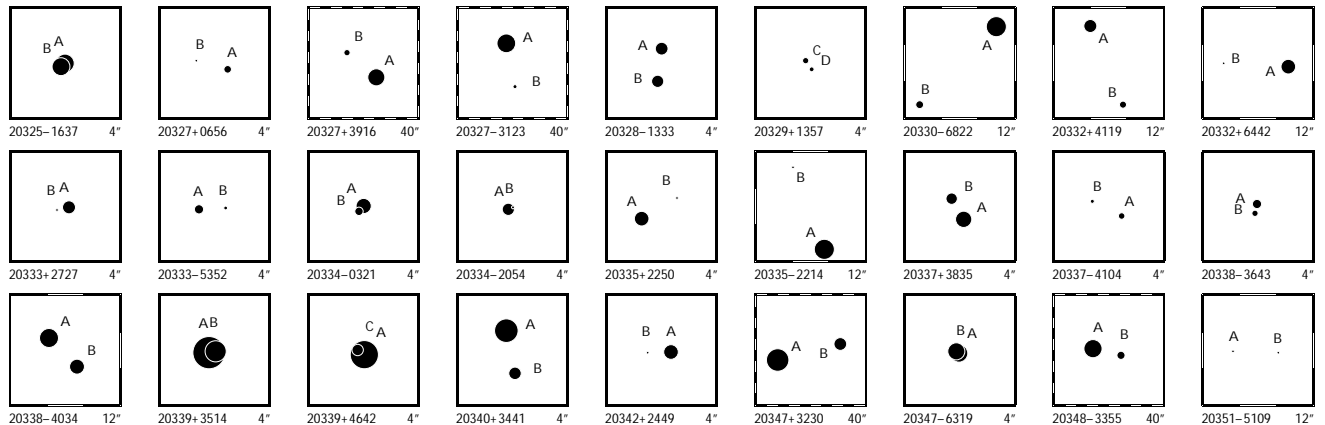
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt								
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	mas/yr	19	20	mas	21	22	23	mas/yr	24	25	26	27	28	29
20273+1813	1	F CA	A 100881 B 100881	5.130 8.337	0.002 0.044	5.088 8.507	0.004 0.062	5.147 8.527	0.005 0.052	306.830 306.830	014 54 560 66	-18.211 -18.212	694 33 488 94	4.90 4.90	10.32 10.32	-10.87 -10.87	0.77 12.90	0.50 8.91	0.79 0.79	0.81 0.81	0.58 0.58	A	146.9	3.42							
20275+4838	1	F CA	A 100901 B 100901	9.294 10.625	0.006 0.019					306.879 306.879	124 87 434 85	-48.635 -48.635	766 26 699 44	7.49 7.49	1.54 1.54	1.62 1.62	2.15 8.03	1.55 6.27	2.31 2.31	3.45 3.45	1.93 1.93	A	71.9	0.78							
20276+2803	1	I CA	A 100902 B 100908	9.315 10.102	0.008 0.014	10.317 10.035	0.028 0.022	9.181 9.869	0.016 0.029	306.887 306.894	836 28 725 27	+28.057 +28.059	601 22 898 62	1.41 -2.03	4.51 -0.34	-1.73 1.57	1.88 6.17	2.30 7.65	2.93 8.01	1.85 5.18	2.17 5.88	A	69.30	23.40	-0.01	0.00					
20276+3224	1	F ND	D A 100914 B 100914	9.065 13.086	0.007 0.282	9.180 9.020	0.012 0.014			306.906 306.905	469 58 882 07	+32.401 +32.400	851 37 787 52	1.33 1.33	-0.09 -0.09	-8.20 -8.20	0.98 62.64	1.19 76.07	1.56 1.56	1.16 1.16	1.25 1.25	A	205	4.23							
20276+4202	1	F CA	A 100912 B 100912	7.891 8.299	0.069 0.101					306.903 306.903	216 82 243 70	+42.035 +42.035	414 57 459 71	0.43 0.43	-2.94 -2.94	-6.31 -6.31	3.59 4.43	6.20 7.16	0.64 0.64	0.52 0.52	0.53 0.53	A	24	0.178							
20276+4303	1	F CB	A 100910 B 100910	7.843 10.099	0.053 0.427					306.895 306.895	444 71 372 96	+43.056 +43.056	509 56 514 56	3.05 3.05	-14.08 -14.08	-20.47 -20.47	5.50 31.74	3.87 31.88	0.66 0.66	0.60 0.60	0.61 0.61	A	275	0.19							
20277+8257	1	F CA	A 100920 B 100920	10.257 10.453	0.006 0.007					306.920 306.921	526 21 935 67	+82.957 +82.957	319 34 300 18	3.23 3.23	18.13 18.13	23.14 23.14	3.37 4.41	2.27 3.76	2.51 2.51	3.39 3.39	2.24 2.24	A	96.3	0.626							
20280+0009	1	L FC	A 100943 B 100940	9.095 10.990	0.039 0.201	10.891 10.990	0.061 0.201	9.084 9.084	0.022	307.000 306.995	380 29 488 35	-0.151 -0.151	355 15 438 06	1.16 1.16	1.09 4.89	-5.08 -47.48	4.93 56.28	4.26 47.13	4.47 4.47	6.14 61.73	5.32 57.96	A	269.0	17.61	-0.1	0.00					
20280+3115	1	F CA	A 100939 B 100939	8.895 10.814	0.004 0.021	9.956 10.814	0.020 0.021	8.817 8.817	0.012	306.992 306.992	468 60 123 29	-31.246 +31.246	579 21 118 30	4.82 4.82	9.82 9.82	-23.16 -23.16	1.75 11.61	1.10 10.36	1.97 1.97	2.04 2.04	1.46 1.46	A	327.4	1.97							
20281+3353	1	L CA	A 100949 B 100949	7.283 8.607	0.006 0.020					307.016 307.016	198 49 101 66	+33.887 +33.887	944 36 890 51	2.84 2.84	6.69 1.00	-0.29 -5.44	1.14 3.84	1.14 4.28	0.75 0.75	0.67 1.97	0.73 2.45	A	236.2	0.348	-0.2	+0.008					
20287+3423	1	F CA	A 101012 B 101012	9.101 11.948	0.010 0.130	10.291 11.948	0.025 0.130	9.009 9.009	0.014	307.182 307.182	015 06 416 07	+34.388 +34.388	091 04 110 24	1.76 1.76	6.14 6.14	-2.91 -2.91	1.50 34.71	1.58 28.20	1.88 1.88	1.43 1.43	1.43 1.43	A	87	1.19							
20289+1750	1	L CA	A 101027 B 101027	5.007 7.059	0.003 0.020					307.215 307.215	098 57 004 40	-17.813 -17.813	668 28 934 92	33.04 33.04	-15.79 -10.69	-7.66 -37.33	0.93 6.80	0.59 3.81	0.86 0.86	0.88 3.95	0.57 2.23	A	198.6	1.013	-0.8	+0.026					
20289+5441	1	F CB	A 101026 B 101026	9.341 12.814	0.010 0.231	10.130 12.814	0.024 0.231	9.274 9.274	0.019	307.213 307.214	966 25 707 87	-54.677 -54.677	816 42 941 18	5.61 5.61	14.64 14.64	-1.10 -1.10	1.64 47.30	1.58 42.65	2.22 2.22	1.64 1.64	1.44 1.44	A	106	1.61							
20290+0709	1	F CA	A 101046 B 101046	9.517 9.913	0.016 0.023					307.260 307.260	743 12 779 21	+7.158 +7.158	144 56 233 37	13.35 13.35	-58.45 -58.45	-14.39 -14.39	2.73 5.67	2.53 3.79	1.64 1.64	1.98 1.98	2.00 2.00	A	22	0.345							
20291+2956	1	F CA	A 101050 B 101050	9.485 10.309	0.007 0.014	9.459 10.390	0.015 0.034	9.438 10.331	0.019 0.055	307.269 307.268	908 84 689 09	+29.939 +29.941	883 15 929 42	1.94 1.94	2.03 2.03	-4.34 -4.34	1.25 3.62	1.62 5.00	2.32 2.32	1.24 1.24	1.45 1.45	A	332.68	8.29							
20291+4826	1	F CA	A 101053 B 101053	9.663 10.097	0.016 0.023					307.274 307.274	886 68 845 40	-48.436 -48.436	816 10 704 10	8.81 8.81	55.30 55.30	-50.33 -50.33	3.17 5.86	2.82 4.81	3.06 3.06	4.12 4.12	3.17 3.17	A	346	0.415							
20291+5105	1	L CA	A 101048 B 101048	7.971 9.685	0.007 0.033	8.249 9.685	0.018 0.033	7.810 7.810	0.015	307.265 307.264	541 88 965 65	-51.084 -51.084	896 05 819 45	9.32 9.32	-16.23 -35.54	13.99 24.80	1.76 12.46	1.33 7.32	1.49 1.49	2.03 11.18	1.32 5.14	A	281.9	1.33	+0.3	+0.02					
20293+3731	1	F CA	A 101062 B 101062	8.447 8.856	0.006 0.009	9.494 9.026	0.023 0.029	8.276 8.705	0.014 0.032	307.306 307.305	413 88 629 36	+37.512 +37.511	722 43 787 40	5.06 5.06	-1.71 -1.71	6.15 6.15	1.13 2.05	1.21 2.24	1.39 1.39	1.19 1.19	1.36 1.36	A	213.65	4.043							
20295+5604	1	F CA	A 101084 B 101084	5.955 8.835	0.002 0.027					307.362 307.363	941 72 231 01	+56.068 +56.068	178 98 035 01	3.64 3.64	4.57 4.57	4.63 4.63	0.54 8.02	0.53 8.25	0.54 0.54	0.56 0.56	0.52 0.52	A	132	0.78							
20296+3856	1	F ND	D A 101092 B 101092	8.608 12.362	0.007 0.219	8.571 11.510	0.010 0.139	8.561 11.815	0.013 0.320	307.391 307.392	194 92 052 55	+38.941 +38.938	615 70 671 52	1.17 1.17	-0.97 -0.97	-2.63 -2.63	0.92 44.97	1.26 58.50	1.27 1.27	0.97 0.97	1.07 1.07	A	167.2	10.87							
20297+3808	1	I NB	A 101109 B 101110	8.171 8.575	0.033 0.040	8.078 8.397	0.007 0.009	8.145 8.446	0.010 0.011	307.429 307.433	909 32 068 37	+38.125 +38.129	414 96 486 57	6.97 9.52	0.23 -0.03	0.62 -1.50	3.20 9.32	3.55 10.58	3.44 6.71	3.24 6.36	3.44 6.68	A	31.40	17.17	0.00	0.00					
20298+6400	1	F CA	A 101117 B 101117	10.439 11.054	0.084 0.149					307.446 307.446	871 59 956 68	+64.000 +64.000	534 05 581 82	2.84 2.84	1.15 1.15	4.14 4.14	6.51 10.83	7.92 12.31	1.09 1.09	0.98 0.98	1.09 1.09	A	38	0.22							
20299+1835	1	I CA	A 101123 B 101120	5.966 6.802	0.058 0.101	6.006 6.925	0.005 0.011	5.914 6.695	0.006 0.013	307.474 307.469	549 31 074 40	-18.582 -18.586	984 74 163 40	13.65 23.89	25.56 14.11	-79.45 -88.21	2.69 24.81	1.64 15.91	2.42 7.82	2.49 15.41	1.82 10.29	A	238.51	21.91	0.00	+0.01					
20299+2547	1	F CA	A 101122 B 101122	9.659 12.444	0.009 0.116	10.262 12.444	0.041 0.116	9.607 9.607	0.038	307.472 307.472	884 88 955 49	-25.784 -25.781	902 67 996 22	5.39 5.39	32.32 32.32	-84.12 -84.12	2.29 42.32	1.54 29.08	2.34 2.34	3.10 3.10	2.11 2.11	A	1.3	10.47							
20300+7739	1	F CA	A 101129 B 101129	9.571 10.330	0.123 0.247					307.493 307.492	189 61 968 52	-77.657 -77.657	104 46 136 48	4.08 4.08	-44.33 -44.33	38.58 38.58	10.52 18.15	8.83 16.97	1.27 1.27	1.14 1.14	1.04 1.04	A	236	0.21							
20303+1054	1	F CA	A 101160 B 101160	6.210 8.070	0.002 0.013					307.574 307.574	796 31 746 17	+10.895 +10.896	915 74 169 03	5.76 5.76	19.25 19.25	3.52 3.52	0.81 3.75	0.76 3.19	0.98 0.98	0.86 0.86	0.85 0.85	A	349.0	0.929							
20303+2650	1	F CA	A 101150 B 101150	10.402 10.686	0.013 0.017					307.544 307.544	867 71 656 94	+26.843 +26.843	106 41 242 95	43.24 43.24	-163.45 -163.45	-130.30 -130.30	3.38 5.22	3.36 6.16	4.37 4.37	3.89 3.89	3.96 3.96	A	306.0	0.837							



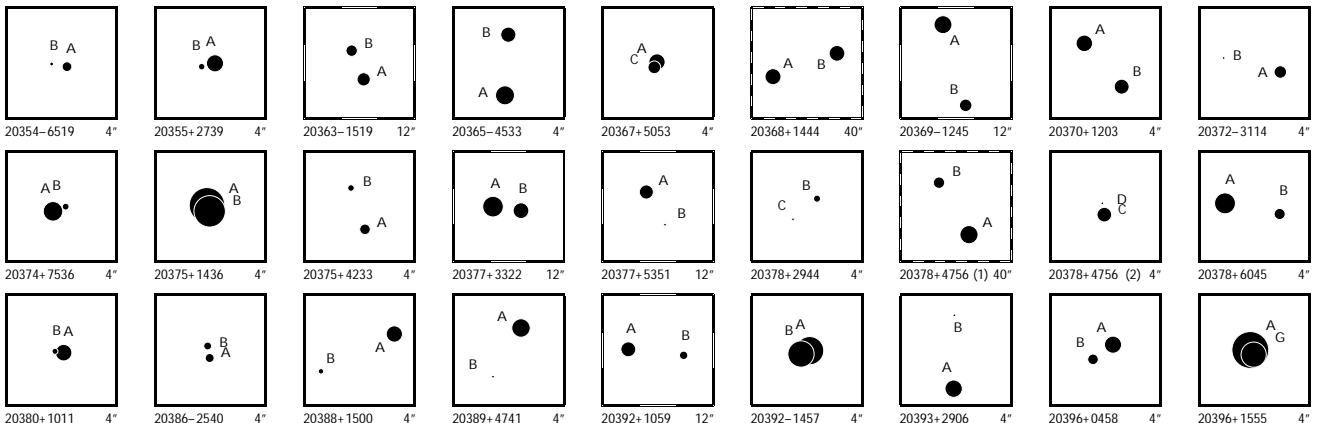
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
20303-6904	1	F C C	A 101159 B 101159	7.156 0.011 11.217 0.472		7.281 0.004		7.115 0.004		307.572 566 98 307.569 450 47	-69.069 123 02 -69.069 364 29	8.53 8.53	10.14 -44.67 10.14 -44.67		0.96 1.17 1.57 1.05 1.36 38.24 50.61 1.57 1.05 1.36								A 258		4.10		
20306+1349	1	F C A	A 101181 B 101181	8.610 0.129 9.227 0.228						307.639 477 07 307.639 453 45	+13.817 316 68 +13.817 349 41	10.16 10.16	11.00 -14.11 11.00 -14.11		5.93 8.57 0.98 1.06 0.79 10.19 11.89 0.98 1.06 0.79								A 325		0.14		
20309-2907	1	F C A	B 101211 A 101211	6.503 0.012 9.201 0.143						307.736 623 93 307.736 702 93	-29.112 647 62 -29.112 682 88	5.49 5.49	18.53 -6.31 18.53 -6.31		2.27 1.43 0.96 1.12 0.78 23.03 17.78 0.96 1.12 0.78								B 117		0.28		
20310+2629	1	I C B	A 101216 C 101215	8.755 0.006 9.562 0.009		8.719 0.012 9.506 0.022		8.704 0.016 9.520 0.030		307.757 120 01 307.750 238 72	+26.483 275 04 +26.486 947 82	0.53 11.93	2.09 -2.94 13.22 4.62		1.44 1.32 1.59 1.75 1.32 10.69 11.76 13.89 11.76 12.18								A 300.81		25.82	+0.03	-0.01
20310+3656	1	F C A	A 101214 B 101214	6.391 0.002 10.022 0.066		7.469 0.005 9.783 0.055		6.407 0.003 9.040 0.057		307.746 789 64 307.747 075 61	+36.935 849 39 +36.935 291 08	2.06 2.06	-0.20 -4.18 -0.20 -4.18		0.44 0.50 0.58 0.45 0.47 12.81 13.39 0.58 0.45 0.47								A 157.7		2.17		
20310+5953	1	F C A	A 101218 B 101218	8.747 0.006 12.088 0.118						307.758 163 78 307.758 142 41	+59.875 950 55 +59.876 083 06	7.40 7.40	24.78 8.21 24.78 8.21		0.99 1.40 0.92 0.90 0.90 24.33 26.14 0.92 0.90 0.90								A 355		0.48		
20311+1548	1	F C C	A 101223 B 101223	7.141 0.138 8.648 0.552						307.775 492 83 307.775 487 94	+15.807 649 95 +15.807 623 75	6.18 6.18	-6.79 -5.52 -6.79 -5.52		7.86 8.37 0.81 0.71 0.58 25.42 15.31 0.81 0.71 0.58								A 190		0.10		
20311+3333	1	L C A	A 101227 P 101227	9.033 0.047 9.514 0.074						307.782 202 81 307.782 127 42	+33.542 666 98 +33.542 682 28	22.38 22.38	69.79 88.44 63.76 104.20		5.31 3.79 1.16 1.71 2.77 7.85 6.72 1.16 2.59 4.22								A 284		0.233	+3	+0.010
20312+0513	1	F F B	A 101236 B 101236	9.527 0.014 9.810 0.017		9.920 0.050 10.139 0.072		9.143 0.034 9.391 0.048		307.805 356 23 307.805 826 50	+5.218 348 06 +5.218 525 14	22.53 22.53	307.95 280.06 307.95 280.06		4.54 3.36 5.13 5.13 4.30 12.34 8.84 5.13 5.13 4.30								A 69.3		1.80		
20312+1116	1	I N B	A 101235 B 101233	7.089 0.041 7.438 0.048		7.089 0.007 7.686 0.009		7.103 0.008 7.384 0.010		307.804 450 03 307.799 749 33	+11.260 627 72 +11.259 365 69	-6.04 -3.06	6.66 -11.53 -10.41 -23.69		4.30 4.31 4.53 4.96 5.00 14.04 14.08 9.53 10.16 10.17								A 254.69		17.21	-0.02	+0.02
20312+5519	1	F C A	A 101231 B 101231	9.351 0.006 11.250 0.034		9.395 0.015		9.245 0.019		307.795 891 46 307.795 696 79	+55.320 868 44 +55.321 527 81	2.58 2.58	-8.05 -22.97 -8.05 -22.97		1.11 1.16 1.17 1.15 1.11 7.75 9.77 1.17 1.15 1.11								A 350.5		2.41		
20313+5945	1	F C A	A 101239 B 101239	8.845 0.008 10.928 0.051		8.896 0.012		8.745 0.014		307.814 550 12 307.815 299 51	+59.744 877 12 +59.745 052 30	2.46 2.46	0.19 -0.43 0.19 -0.43		1.20 1.24 1.15 1.20 1.14 10.73 11.04 1.15 1.20 1.14								A 65.1		1.50		
20317+6228	1	F C A	A 101273 B 101273	7.982 0.004 9.680 0.020						307.919 043 66 307.918 860 57	+62.462 291 64 +62.462 387 79	3.54 3.54	-5.81 -11.89 -5.81 -11.89		1.10 1.00 0.87 0.91 0.86 5.47 4.97 0.87 0.91 0.86								A 319		0.461		
20318+4933	1	F C A	A 101284 B 101284	7.831 0.003 8.996 0.010						307.943 783 53 307.943 645 93	+49.542 347 28 +49.542 224 97	5.53 5.53	8.74 7.45 8.74 7.45		0.85 0.82 0.80 0.82 0.74 2.67 2.53 0.80 0.82 0.74								A 216.1		0.545		
20319-0327	1	F C A	A 101299 B 101299	8.522 0.004 11.731 0.069		8.865 0.012		8.455 0.012		307.981 407 19 307.980 895 19	-3.441 707 54 -3.441 487 50	7.40 7.40	-5.79 -16.41 -5.79 -16.41		1.33 1.02 1.51 1.70 1.22 24.74 21.95 1.51 1.70 1.22								A 293		2.00		
20319-2655	1	F N D	A 101288 S 101288	10.416 0.116 10.995 0.197						307.963 123 98 307.963 045 13	-26.910 410 21 -26.910 424 04	4.70 4.70	-5.93 1.42 -5.93 1.42		11.57 2.89 2.05 2.45 1.75 28.94 9.24 2.05 2.45 1.75								A 259		0.26		
20319-4054	1	L C A	B 101292 A 101292	8.459 0.006 8.479 0.007						307.969 457 60 307.968 879 99	-40.901 389 48 -40.900 353 99	20.99 20.99	88.35 -120.05 87.08 -109.18		2.57 1.64 2.06 2.35 1.78 5.25 3.54 2.06 4.35 3.79								B 337.1		4.046	0.0	+0.011
20319-7712	1	F C A	A 101291 B 101291	9.322 0.008 9.905 0.013		9.775 0.021 10.343 0.029		9.210 0.020 9.726 0.027		307.967 749 05 307.977 552 74	-77.199 948 30 -77.200 098 30	0.83 0.83	23.70 -23.75 23.70 -23.75		1.87 1.81 2.19 1.74 1.62 4.86 5.66 2.19 1.74 1.62								A 93.96		7.84		
20320+2548	1	F C B	A 101300 S 101300	6.578 0.078 8.749 0.075						307.992 452 51 307.992 404 60	+25.805 027 61 +25.805 015 85	12.33 12.33	41.31 -20.03 41.31 -20.03		5.27 2.97 0.70 0.54 0.53 51.76 41.38 0.70 0.54 0.53								A 255		0.16		
20321+1511	1	F C A	A 101315 B 101315	8.215 0.005 10.903 0.062		8.709 0.013		8.123 0.012		308.031 693 20 308.031 686 78	+15.186 443 46 +15.186 084 44	10.21 10.21	101.25 111.80 101.25 111.80		1.27 1.14 1.48 1.42 1.14 15.91 23.52 1.48 1.42 1.14								A 181		1.29		
20321+3558	1	F C B	A 101313 B 101313	9.388 0.011 12.644 0.203		9.483 0.016		9.363 0.020		308.026 924 74 308.027 332 55	+35.968 958 72 +35.969 524 18	1.47 1.47	0.03 -1.78 0.03 -1.78		1.53 1.76 2.07 1.41 1.47 43.37 59.13 2.07 1.41 1.47								A 30		2.36		
20321-0515	1	F C B	A 101308 B 101308	6.819 0.004 10.427 0.103		7.833 0.009		6.742 0.007		308.021 329 88 308.021 033 40	-5.242 423 12 -5.242 803 12	7.01 7.01	-2.74 19.61 -2.74 19.61		1.05 0.83 1.09 1.41 1.21 39.15 24.41 1.09 1.41 1.21								A 218		1.73		
20322-4521	1	F C A	A 101319 C 101319 B 101319	8.696 0.058 9.708 0.045 9.806 0.130		9.861 0.050		9.512 0.055		308.038 991 08 308.040 425 82 308.039 044 70	-45.355 411 00 -45.353 987 19 -45.355 457 37	7.18 7.18 7.18	4.79 -7.32 4.79 -7.32 4.79 -7.32		7.30 7.04 4.97 6.51 3.73 13.59 9.87 4.97 6.51 3.73 19.12 20.63 4.97 6.51 3.73								A 35.3		6.28		
20322-4742	1	L N D	B 101317 A 101317	10.854 0.012 10.894 0.013		12.755 0.330		10.648 0.074		308.036 545 30 308.037 982 99	-47.701 483 88 -47.701 471 48	30.40 30.40	85.82 -132.91 98.81 -149.86		4.50 3.10 3.98 6.63 3.45 6.62 4.87 3.98 7.27 4.18								B 89.3		3.48	+0.3	+0.01
20323-1427	1	L C A	A 101330 B 101330	10.263 0.020 11.334 0.053		11.340 0.096		10.164 0.054		308.065 714 22 308.066 007 89	-14.458 314 79 -14.457 754 96	4.24 4.24	15.91 -13.39 -33.79 -66.78		5.54 3.48 5.26 6.55 4.70 24.06 18.68 5.26 20.16 18.03								A 26.9		2.26	-0.5	-0.07
20324+2731	1	F N D	A 101353 B 101353	8.310 0.006 11.733 0.143		9.255 0.011		8.222 0.008		308.112 161 13 308.112 127 90	+27.514 254 21 +27.513 866 48	3.47 3.47	-5.25 0.27 -5.25 0.27		0.85 1.13 1.38 0.91 1.10 24.14 40.97 1.38 0.91 1.10								A 184		1.40		
20324+4118	1	F F D	A 101341 B 101341	9.218 0.023 11.941 0.245						308.093 437 97 308.093 720 37	+41.305 272 89 +41.305 428 90	-0.66 -0.66	-0.68 -2.67 -0.68 -2.67		2.51 2.49 2.87 2.75 2.41 43.02 44.44 2.87 2.75 2.41								A 54		0.95		



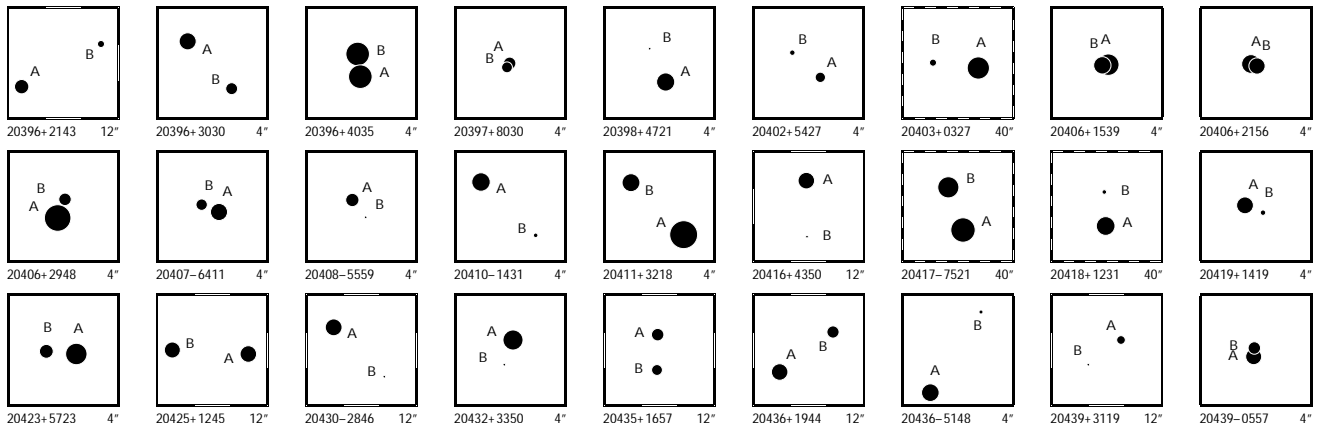
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt					
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20325-1637	1	F CA	A 101357 B 101357	7.941 0.056 8.044 0.062						308.131 532 76 308.131 582 83	-16.609 551 38 -16.609 577 46	9.33 9.33	55.06 55.06	-14.05 -14.05	6.49 5.71 0.98 6.11 5.59 0.98	1.04 0.79 1.04 0.79	A 119	0.197										
20327+0656	1	F CA	A 101365 B 101365	10.303 0.010 12.812 0.100	11.235 0.076	10.120 0.044				308.172 597 21 308.172 922 78	+6.928 011 63 +6.928 100 16	2.32 2.32	2.16 2.16	-1.51 -1.51	2.49 1.93 2.72 36.58 30.57 2.72	3.04 2.42 3.04 2.42	A 75	1.21										
20327+3916	1	F CA	A 101370 B 101370	8.194 0.006 10.624 0.050	8.093 0.007 11.486 0.092	8.187 0.009 10.384 0.050				308.181 288 98 308.185 201 89	+39.271 049 68 +39.273 598 32	3.23 3.23	2.50 2.50	0.36 0.36	0.73 0.90 0.99 9.78 13.00 0.99	0.73 0.97 0.73 0.97	A 49.92	14.25										
20327-3123	1	F CA	A 101368 B 101368	7.846 0.008 11.114 0.148	8.024 0.011	7.800 0.011				308.178 928 36 308.177 774 02	-31.382 357 16 -31.386 794 57	6.74 6.74	0.06 0.06	-8.89 -8.89	1.29 0.75 1.20 44.91 23.92 1.20	1.56 1.08 1.56 1.08	A 192.5	16.36										
20328-1333	1	F CA	A 101378 B 101378	9.187 0.013 9.317 0.015	9.390 0.025	8.772 0.022				308.203 386 45 308.203 428 58	-13.548 001 55 -13.548 343 93	7.24 7.24	-43.87 -43.87	-83.98 -83.98	3.88 3.06 4.99 7.42 8.40 4.99	4.11 3.16 4.11 3.16	A 173.2	1.24										
20329+1357	1	L CA	C 101390 D 101390	10.601 0.021 10.921 0.029						308.221 075 43 308.221 006 59	+13.969 206 59 +13.969 115 00	14.23 14.23	-84.67 -64.47	151.39 134.25	4.55 4.16 3.43 9.53 6.87 3.43	4.04 3.08 6.74 4.25	C 216	0.41	-4	0.00								
20330-6822	1	F CA	A 101397 B 101397	7.553 0.005 10.264 0.050	7.583 0.005 10.456 0.035	7.508 0.006 9.986 0.035				308.238 756 36 308.245 189 39	-68.371 957 33 -68.374 358 50	8.64 8.64	18.60 18.60	-35.25 -35.25	0.70 0.88 1.23 12.08 15.95 1.23	0.75 1.03 0.75 1.03	A 135.4	12.15										
20332+4119	1	F CA	A 101425 B 101425	9.139 0.009 10.442 0.028	10.385 0.032 11.858 0.181	9.101 0.018 10.717 0.110				308.312 832 72 308.311 491 78	+41.314 035 97 +41.311 610 70	-0.94 -0.94	-1.16 -1.16	-4.05 -4.05	1.69 1.59 1.91 8.16 7.76 1.91	1.76 1.63 1.76 1.63	A 202.6	9.45										
20332+6442	1	F CA	A 101420 B 101420	8.769 0.005 11.530 0.066	9.158 0.015 11.743 0.138	8.725 0.015 11.097 0.140				308.295 718 70 308.300 414 76	+64.691 706 48 +64.691 839 25	3.56 3.56	6.57 6.57	-1.84 -1.84	1.04 1.04 1.07 15.43 19.44 1.07	0.94 1.07 0.94 1.07	A 86.2	7.24										
20333+2727	1	F CA	A 101428 B 101428	9.127 0.005 11.375 0.040						308.325 976 51 308.326 114 94	+27.457 367 73 +27.457 334 53	2.40 2.40	8.17 8.17	5.30 5.30	1.33 1.37 1.67 8.94 14.11 1.67	1.13 1.28 1.13 1.28	A 105	0.46										
20333-5352	1	F CA	A 101429 B 101429	9.972 0.008 11.167 0.024						308.332 189 68 308.331 739 37	-53.869 577 34 -53.869 561 82	3.44 3.44	7.52 7.52	5.58 5.58	2.40 1.71 2.51 8.60 7.04 2.51	2.90 1.85 2.90 1.85	A 273.3	0.96										
20334-0321	1	F CA	A 101435 B 101435	8.662 0.021 10.141 0.082						308.355 389 30 308.355 434 87	-3.356 643 67 -3.356 696 13	3.66 3.66	-1.81 -1.81	2.72 2.72	3.34 3.04 1.49 11.96 10.08 1.49	1.77 1.20 1.77 1.20	A 139	0.25										
20334-2054	1	F CB	A 101437 B 101437	9.286 0.103 11.337 0.680						308.358 485 37 308.358 433 36	-20.896 928 78 -20.896 910 10	4.79 4.79	-4.13 -4.13	4.05 4.05	8.86 6.69 1.35 62.70 38.53 1.35	1.46 0.89 1.46 0.89	A 291	0.19										
20335+2250	1	F ND	D 101441 B 101441	8.766 0.012 12.577 0.388	10.866 0.055	8.855 0.018				308.366 435 69 308.366 042 81	+22.836 402 60 +22.836 616 26	1.99 1.99	-10.11 -10.11	-7.46 -7.46	1.50 1.20 1.69 70.19 53.26 1.69	1.46 1.20 1.46 1.20	A 301	1.51										
20335-2214	1	F CC	A 101443 B 101443	7.584 0.006 11.558 0.233	8.120 0.012	7.524 0.009				308.379 156 41 308.380 235 93	-22.231 722 05 -22.229 183 75	20.72 20.72	-85.04 -85.04	-62.95 -62.95	1.31 0.75 1.29 58.54 35.88 1.29	1.67 0.87 1.67 0.87	A 21.5	9.82										
20337+3835	1	F CA	A 101456 B 101456	8.399 0.004 9.489 0.010						308.428 382 26 308.428 541 63	+38.583 129 80 +38.583 341 67	4.32 4.32	7.83 7.83	0.99 0.99	0.89 1.06 1.11 3.30 3.53 1.11	0.95 1.15 0.95 1.15	A 30.5	0.885										
20337-4104	1	F CA	A 101454 B 101454	10.550 0.011 11.128 0.018	10.592 0.041	10.181 0.043				308.426 339 42 308.426 748 50	-41.060 900 83 -41.060 749 59	1.73 1.73	15.57 15.57	-15.62 -15.62	3.53 2.21 3.50 7.48 5.63 3.50	5.05 3.47 5.05 3.47	A 63.9	1.24										
20338-3643	1	F CA	A 101464 B 101464	9.981 0.014 10.625 0.026						308.444 300 91 308.444 328 87	-36.718 526 73 -36.718 628 00	9.99 9.99	32.29 32.29	-51.37 -51.37	3.23 2.57 2.83 6.68 5.46 2.83	3.21 2.42 3.21 2.42	A 168	0.373										
20338-4034	1	F CA	A 101465 B 101465	7.816 0.005 8.704 0.010	7.804 0.012 8.698 0.025	7.779 0.013 8.562 0.032				308.445 161 98 308.444 043 12	-40.557 188 04 -40.558 072 30	5.39 5.39	23.21 23.21	-8.68 -8.68	1.84 1.16 1.96 4.56 2.95 1.96	3.05 1.67 3.05 1.67	A 223.9	4.416										
20339+3514	1	F CB	A 101474 B 101474	4.841 0.012 7.297 0.110						308.475 791 59 308.475 714 40	+35.250 864 06 +35.250 872 14	3.51 3.51	-2.26 -2.26	-5.35 -5.35	1.27 1.00 0.65 12.21 12.07 0.65	0.53 0.50 0.53 0.50	A 277	0.23										
20339+4642	1	L CC	P 101475 C 101475	5.763 0.008 9.481 0.237						308.478 481 89 308.478 585 82	+46.693 861 59 +46.693 910 26	6.78 6.78	9.66 50.11	1.82 -44.06	1.56 1.64 0.68 26.04 34.93 0.68	0.82 0.86 13.23 20.78	A 56	0.31	+11	+0.01								
20340+3441	1	F CA	A 101493 B 101493	6.769 0.004 9.262 0.039	6.599 0.004	6.715 0.005				308.508 165 98 308.508 054 09	+34.679 018 46 +34.678 581 92	3.83 3.83	9.44 9.44	0.40 0.40	0.64 0.69 0.83 8.13 7.20 0.83	0.71 0.72 0.71 0.72	A 191.9	1.61										
20342+2449	1	F CA	A 101509 B 101509	8.769 0.005 11.487 0.060						308.552 419 83 308.552 689 26	+24.822 787 91 +24.822 782 79	1.69 1.69	10.31 10.31	-7.22 -7.22	1.15 1.08 1.52 16.95 16.89 1.52	1.15 1.18 1.15 1.18	A 91	0.88										
20347+3230	1	IND	D 101544 B 101539	7.046 0.015 9.167 0.078	8.327 0.008 9.529 0.020	6.989 0.004 9.140 0.022				308.685 817 47 308.678 167 65	+32.505 843 40 +32.507 541 13	3.04 -6.77	4.63 -10.03	5.32 -14.25	1.02 1.16 1.25 17.57 20.62 1.25	1.09 1.07 13.17 12.73	A 284.75	24.02	-0.05	+0.01								
20347-6319	1	F CA	A 101543 B 101543	8.074 0.181 8.206 0.204						308.683 947 96 308.684 026 91	-63.311 668 45 -63.311 653 03	6.15 6.15	21.59 21.59	-8.77 -8.77	11.54 5.69 0.83 12.19 7.47 0.83	0.61 0.60 0.61 0.60	A 66	0.14										
20348-3355	1	L CA	A 101551 B 101549	7.971 0.005 10.217 0.035	8.388 0.008 11.083 0.073	7.884 0.008 9.983 0.045				308.695 746 72 308.692 342 13	-33.921 991 69 -33.922 657 38	15.86 27.60	1.77 4.59	9.36 8.87	2.25 1.53 2.25 22.61 15.87 9.40	2.46 1.82 10.24 7.68	A 256.74	10.45	-0.01	0.00								
20351-5109	1	F ND	D 101574 B 101574	12.987 0.067 13.058 0.071						308.781 252 64 308.779 063 59	-51.147 787 30 -51.147 845 67	43.51 43.51	98.02 98.02	-27.34 -27.34	28.31 18.37 8.83 9.27 7.33 8.83	13.06 10.65 13.06 10.65	A 267.6	4.95										



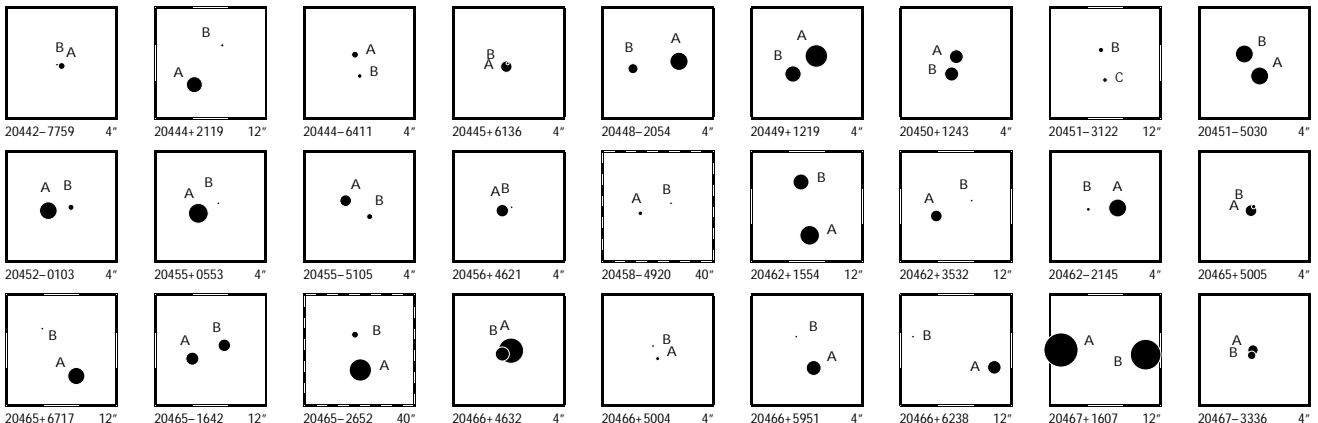
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
20354-6519	1	F CA	A 101595 B 101595	9.842 0.010 11.183 0.033				308.847 524 69 308.847 902 67	-65.316 398 31 -65.316 367 24	4.38 4.38	128.23 128.23	-44.69 -44.69	2.45 1.86 2.67 2.39 1.92 8.83 9.35 2.67 2.39 1.92	A 79	0.58												
20355+2739	1	F CA	A 101604 B 101604	8.192 0.004 10.565 0.032				308.871 379 76 308.871 537 88	+27.648 886 76 +27.648 855 06	0.75 0.75	0.80 0.80	-3.01 -3.01	0.99 0.91 1.19 0.92 0.88 7.66 9.91 1.19 0.92 0.88	A 103	0.52												
20363-1519	1	F CA	A 101649 B 101649	9.063 0.011 9.501 0.016	9.598 0.034 9.840 0.030	8.990 0.032 9.169 0.026		309.076 637 31 309.077 022 04	-15.311 278 65 -15.310 397 57	8.32 8.32	7.62 7.62	-45.58 -45.58	2.97 1.79 2.71 4.19 2.28 5.86 3.71 2.71 4.19 2.28	A 22.8	3.442												
20365-4533	1	L CA	A 101671 B 101671	7.774 0.005 8.623 0.011	7.853 0.031	7.554 0.036		309.127 078 91 309.127 020 90	-45.557 916 69 -45.557 285 19	8.71 8.71	25.72 22.44	17.97 27.80	1.64 1.18 1.55 2.14 1.15 5.15 3.12 1.55 5.35 2.99	A 356.3	2.278	-0.1	+0.010										
20367+5053	1	F CA	A 101691 C 101691	8.403 0.042 9.199 0.087				309.179 122 13 309.179 169 71	+50.889 839 38 +50.889 786 72	5.62 5.62	-0.77 -0.77	-7.10 -7.10	3.25 3.96 0.85 0.87 0.81 7.25 7.19 0.85 0.87 0.81	A 150	0.22												
20368+1444	1	I CB	A 101700 B 101698	8.436 0.007 8.509 0.007	8.711 0.018 9.505 0.029	8.366 0.019 8.397 0.020		309.205 871 51 309.199 043 35	+14.728 434 39 +14.730 841 33	4.60 2.95	10.51 16.72	8.76 16.34	3.22 3.10 2.40 2.92 2.40 2.79 2.57 2.60 3.30 2.75	A 290.03	25.303	+0.02	-0.003										
20369-1245	1	F CA	A 101706 B 101706	8.062 0.005 9.213 0.014	8.372 0.014 9.607 0.027	7.989 0.012 9.045 0.025		309.229 407 95 309.228 697 45	-12.737 058 55 -12.739 541 21	11.40 11.40	14.83 14.83	-32.36 -32.36	1.70 1.11 1.70 2.25 1.37 6.14 3.56 1.70 2.25 1.37	A 195.60	9.279												
20370+1203	1	F CA	A 101710 B 101710	8.368 0.006 8.673 0.007	9.226 0.022 9.082 0.023	8.296 0.017 8.551 0.025		309.245 335 49 309.244 946 15	+12.049 043 51 +12.048 606 09	10.79 10.79	42.78 42.78	-27.85 -27.85	1.82 1.31 2.00 2.05 1.22 2.61 2.14 2.00 2.05 1.22	A 221.0	2.088												
20372-3114	1	F ND	D A 101722 B 101722	9.255 0.014 13.401 0.604	11.069 0.074	9.245 0.026		309.287 797 95 309.288 475 67	-31.234 412 15 -31.234 266 37	2.29 2.29	2.05 2.05	1.14 1.14	2.04 1.40 2.04 2.27 1.76 154.33 120.69 2.04 2.27 1.76	A 76	2.15												
20374+7536	1	F FC	P A 101750 B 101750	7.678 0.019 10.476 0.052				309.336 748 46 309.336 226 30	+75.599 093 15 +75.599 143 44	36.16 36.16	309.20 309.20	539.49 539.49	1.35 1.20 0.97 1.12 0.97 14.11 22.27 0.97 1.12 0.97	A 291	0.50												
20375+1436	1	L CA	A 101769 B 101769	4.114 0.016 5.023 0.037				309.386 966 26 309.386 936 73	+14.595 221 07 +14.595 160 87	33.49 33.49	119.81 114.75	-53.57 -33.97	3.36 2.06 0.88 2.10 1.36 9.16 6.15 0.88 4.86 3.14	A 205	0.240	+3	-0.016										
20375+4233	1	F CA	A 101763 B 101763	9.640 0.009 10.571 0.021	10.081 0.026 10.541 0.087	9.276 0.023 9.737 0.046		309.374 011 86 309.374 207 21	+42.554 328 07 +42.554 753 09	10.98 10.98	-108.03 -108.03	-154.59 -154.59	1.47 1.57 1.69 1.40 1.39 6.18 5.71 1.69 1.40 1.39	A 18.7	1.62												
20377+3322	1	F CA	A 101788 B 101788	7.466 0.003 8.529 0.008	8.761 0.017	7.408 0.010		309.434 674 76 309.433 644 75	+33.366 505 01 +33.366 385 13	2.76 2.76	3.51 3.51	-5.34 -5.34	0.69 0.77 0.95 0.77 0.72 2.06 2.95 0.95 0.77 0.72	A 262.1	3.127												
20377+5351	1	F CA	A 101779 B 101779	8.906 0.006 11.605 0.068	9.518 0.018	8.867 0.016		309.416 490 60 309.415 481 31	+53.843 639 52 +53.842 628 06	14.56 14.56	10.73 10.73	-217.26 -217.26	1.05 1.00 1.05 1.20 0.98 10.80 12.41 1.05 1.20 0.98	A 210.5	4.23												
20378+2944	1	F CA	B 101798 C 101798	10.446 0.010 11.414 0.023	10.662 0.034	10.096 0.033		309.453 731 03 309.454 020 49	+29.736 902 12 +29.736 687 46	7.04 7.04	5.90 5.90	-19.45 -19.45	1.68 2.30 3.02 1.78 2.04 5.89 9.38 3.02 1.78 2.04	B 130.5	1.19												
20378+4756	1	I CA	A 101804 B 101807 C 101801 D 101801	7.982 0.024 9.482 0.075 8.747 0.010 12.308 0.263	7.912 0.009 10.394 0.049	7.917 0.012 9.551 0.036		309.463 065 69 309.467 576 11 309.457 211 19 309.457 236 59	+47.944 963 38 +47.950 268 79 +47.930 098 06 +47.930 211 37	5.09 1.83 2.41 2.41	4.49 4.18	0.89 -9.32	1.52 1.42 1.38 1.82 1.53 18.20 15.70 6.94 8.69 7.48 1.62 2.38 1.34 1.49 1.32 51.86 47.93 1.34 1.49 1.32	A 29.66	21.98	+0.01	-0.01										
20378+6045	1	F CA	A 101794 B 101794	7.403 0.003 9.533 0.020	8.396 0.015 9.506 0.047	7.313 0.008 9.192 0.054		309.450 496 80 309.449 362 55	+60.755 963 93 +60.755 857 17	3.55 3.55	16.87 16.87	11.66 11.66	0.79 0.68 0.72 0.82 0.64 5.81 6.70 0.72 0.82 0.64	A 259.1	2.03												
20380+1011	1	F CA	A 101820 B 101820	8.345 0.037 10.700 0.320				309.505 838 10 309.505 923 86	+10.188 976 84 +10.188 990 63	3.10 3.10	3.62 3.62	-3.55 -3.55	5.92 1.51 1.33 1.25 0.86 28.18 12.00 1.33 1.25 0.86	A 81	0.31												
20386-2540	1	F CA	A 101873 B 101873	10.036 0.009 10.247 0.011				309.658 733 65 309.658 759 25	-25.665 760 18 -25.665 642 82	6.76 6.76	46.11 46.11	-69.39 -69.39	3.00 2.16 2.60 2.93 2.30 5.61 3.14 2.60 2.93 2.30	A 11	0.431												
20388+1500	1	F CA	A 101886 B 101886	8.378 0.004 10.778 0.039	9.405 0.020	8.311 0.013		309.708 770 97 309.709 550 94	+15.007 306 70 +15.006 925 63	2.47 2.47	-10.89 -10.89	-2.43 -2.43	1.39 1.07 1.55 1.67 1.03 14.42 10.79 1.55 1.67 1.03	A 116.8	3.04												
20389+4741	1	F CC	A 101896 B 101896	7.891 0.005 11.650 0.150	8.119 0.008	7.834 0.010		309.736 398 96 309.736 820 32	+47.686 823 14 +47.686 327 47	6.14 6.14	12.73 12.73	-14.39 -14.39	1.17 1.14 1.27 1.34 1.17 55.49 66.46 1.27 1.34 1.17	A 150	2.06												
20392+1059	1	F CA	A 101920 B 101920	8.715 0.007 10.133 0.023	9.110 0.018 10.554 0.067	8.609 0.017 10.031 0.079		309.804 344 91 309.802 614 45	+10.978 338 52 +10.978 131 50	7.18 7.18	23.86 23.86	-23.55 -23.55	1.59 1.12 1.73 1.72 1.14 6.76 5.30 1.73 1.72 1.14	A 263.05	6.16												
20392-1457	1	F CA	A 101923 B 101923	5.765 0.007 6.187 0.011				309.817 984 49 309.818 074 71	-14.954 712 33 -14.954 751 83	1.86 1.86	2.58 2.58	-19.66 -19.66	1.65 1.31 1.08 1.27 0.76 3.14 2.74 1.08 1.27 0.76	A 114	0.345												
20393+2906	1	L CB	A 101928 B 101928	8.178 0.006 11.446 0.121	8.612 0.009	8.112 0.009		309.829 688 99 309.829 671 21	+29.098 805 41 +29.099 553 38	6.99 6.99	-14.90 -87.57	-5.48 38.49	0.98 1.03 1.27 0.86 0.87 25.76 28.10 1.27 27.34 32.05	A 359	2.69	-2	+0.05										
20396+0458	1	F CA	A 101955 B 101955	8.238 0.012 9.676 0.044				309.905 017 73 309.905 221 22	+4.971 853 86 +4.971 698 59	53.82 53.82	862.35 862.35	67.57 67.57	1.89 1.56 2.21 2.15 1.78 9.95 7.12 2.21 2.15 1.78	A 127	0.92												
20396+1555	1	L CA	A 101958 G 101958	3.863 0.011 6.429 0.121				309.909 397 49 309.909 356 38	+15.912 056 66 +15.912 010 68	13.55 13.55	52.75 68.98	9.65 -10.49	1.63 1.23 0.71 0.97 0.64 19.59 14.74 0.71 8.09 4.42	A 221	0.22	-7	0.00										



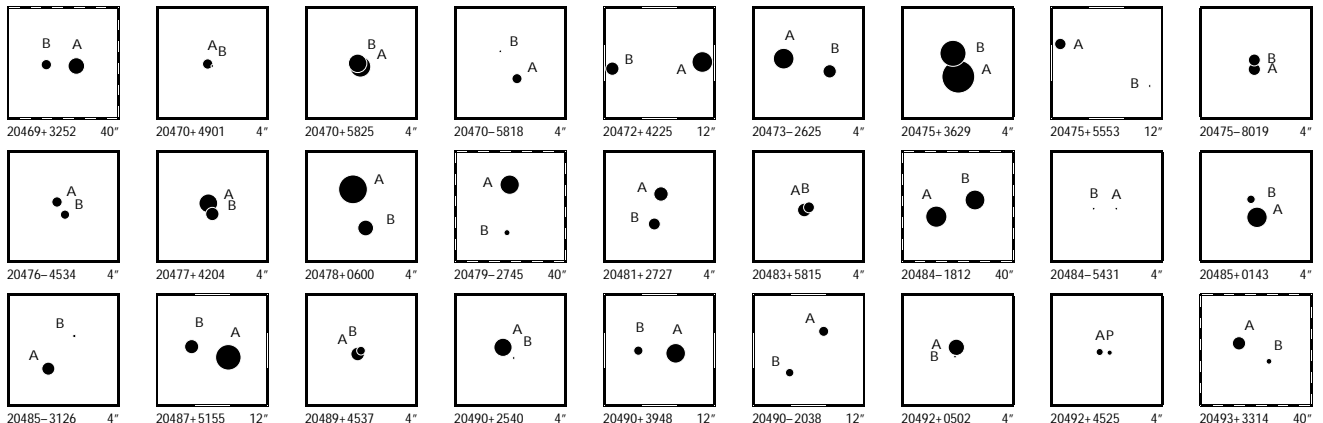
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
20396+2143	1	F CA	A 101950 B 101950	8.843 0.008 10.440 0.031	10.355 0.038 10.433 0.045	8.862 0.018 10.439 0.076	309.892 785 53 309.890 171 77	+21.721 315 15 +21.722 632 08	2.56 2.56	15.90 12.17 15.90 12.17	1.51 1.20 1.70 9.87 7.28 1.70	1.57 1.18 1.57 1.18	A 298.47	9.94												
20396+3030	1	F CA	A 101951 B 101951	8.197 0.004 9.349 0.012	8.284 0.006 9.316 0.010	8.148 0.007 9.118 0.013	309.896 438 09 309.895 913 57	+30.504 183 77 +30.503 699 54	3.01 3.01	-5.30 -17.04 -5.30 -17.04	0.72 0.94 1.20 2.93 3.88 1.20	0.71 0.85 0.71 0.85	A 223.0	2.384												
20396+4035	1	L CA	B 101949 A 101949	6.779 0.004 6.787 0.004			309.888 797 36 309.888 765 44	+40.579 656 47 +40.579 421 77	3.63 3.63	6.67 0.84 7.41 -1.46	1.11 1.21 1.09 1.79 1.67 1.09	0.84 0.93 1.13 1.12	B 185.9	0.849	-0.1	+0.002										
20397+8030	1	F CB P	A 101960 B 101960	9.216 0.237 9.607 0.340			309.930 271 12 309.930 442 03	+80.499 993 21 +80.499 955 10	1.56 1.56	-5.23 -2.99 -5.23 -2.99	14.82 16.25 0.73 22.39 23.00 0.73	0.85 0.72 0.85 0.72	A 143	0.17												
20398+4721	1	F CB	A 101963 B 101963	7.980 0.006 11.533 0.158	7.906 0.008	7.940 0.011	309.937 331 46 309.937 586 55	+47.345 264 31 +47.345 602 52	3.19 3.19	6.10 4.11 6.10 4.11	0.92 0.94 1.01 26.51 41.51 1.01	1.03 0.92 1.03 0.92	A 27	1.37												
20402+5427	1	F CA	A 102002 B 102002	9.741 0.009 10.812 0.024	9.611 0.016	9.540 0.022	310.055 832 28 310.056 327 49	+54.452 664 78 +54.452 912 87	2.39 2.39	-3.64 -3.89 -3.64 -3.89	1.48 1.49 1.44 6.41 5.79 1.44	1.59 1.50 1.59 1.50	A 49.2	1.37												
20403+0327	1	F CB	A 102010 B 102010	7.106 0.008 10.458 0.155	8.398 0.012 11.251 0.107	7.057 0.007 10.199 0.063	310.073 496 94 310.078 126 04	+3.441 257 39 +3.441 777 02	5.58 5.58	41.35 8.74 41.35 8.74	1.16 0.94 1.22 54.78 35.46 1.22	1.53 1.08 1.53 1.08	A 83.6	16.74												
20406+1539	1	L CA	A 102029 B 102029	7.268 0.023 8.141 0.050			310.146 870 77 310.146 933 05	+15.643 140 32 +15.643 128 18	14.36 14.36	97.68 42.22 85.25 50.40	2.93 2.54 0.88 6.19 6.32 0.88	1.41 1.74 2.89 3.89	A 101	0.220	-1	-0.014										
20406+2156	1	F CA	A 102031 B 102031	7.866 0.038 8.412 0.063			310.149 093 21 310.149 025 53	+21.927 055 20 +21.927 032 62	3.48 3.48	11.19 -5.02 11.19 -5.02	4.82 2.21 0.95 6.69 3.70 0.95	0.91 0.61 0.91 0.61	A 250	0.240												
20406+2948	1	L CA	A 102033 B 102033	6.134 0.002 9.256 0.038			310.151 101 22 310.151 006 95	+29.805 447 50 +29.805 641 05	12.20 12.20	20.61 43.05 40.92 50.33	0.47 0.54 0.65 8.88 9.01 0.65	0.45 0.48 6.12 5.29	A 337.1	0.76	+1.6	0.00										
20407-6411	1	F CA	A 102039 B 102039	8.241 0.005 9.480 0.014			310.184 476 35 310.184 889 80	-64.184 534 40 -64.184 457 92	9.16 9.16	24.46 -65.14 24.46 -65.14	1.20 1.18 1.59 3.54 4.79 1.59	1.27 1.35 1.27 1.35	A 67.0	0.704												
20408-5559	1	F CB	A 102044 B 102044	9.052 0.009 12.518 0.226			310.204 195 61 310.203 948 40	-55.982 582 93 -55.982 761 92	6.23 6.23	-36.49 -4.26 -36.49 -4.26	1.68 1.72 2.19 39.93 49.07 2.19	1.87 1.58 1.87 1.58	A 218	0.81												
20410-1431	1	F ND D	A 102061 B 102061	7.908 0.007 11.006 0.118	8.134 0.010	7.841 0.012	310.250 792 56 310.250 209 42	-14.511 416 09 -14.511 962 27	3.22 3.22	0.65 6.96 0.65 6.96	1.99 1.45 2.22 33.02 20.59 2.22	2.12 1.77 2.12 1.77	A 225.9	2.83												
20411+3218	1	F CA	A 102066 B 102066	5.817 0.002 8.044 0.015	6.954 0.005 8.062 0.007	5.773 0.003 7.855 0.009	310.260 583 73 310.261 231 05	+32.307 315 86 +32.307 852 28	4.05 4.05	2.86 -11.79 2.86 -11.79	0.41 0.44 0.57 3.33 3.52 0.57	0.43 0.42 0.43 0.42	A 45.6	2.758												
20416+4350	1	F CB	A 102113 B 102113	8.342 0.007 11.902 0.178	8.263 0.007	8.340 0.010	310.404 435 96 310.404 427 32	+43.836 758 51 +43.835 031 33	2.38 2.38	3.46 -2.17 3.46 -2.17	1.03 1.00 1.14 37.36 39.23 1.14	1.10 1.02 1.10 1.02	A 180.2	6.22												
20417-7521	1	INB	A 102125 B 102128	6.596 0.024 7.300 0.039	7.213 0.005 7.881 0.007	6.513 0.005 7.173 0.006	310.432 259 74 310.438 080 85	-75.350 410 89 -75.345 985 34	22.95 25.35	151.42 -161.48 153.68 -170.29	1.91 2.08 2.10 10.42 11.55 7.15	2.00 2.13 6.66 7.31	A 18.41	16.79	+0.02	-0.01										
20418+1231	1	I CA	A 102131 B 102132	7.848 0.005 10.983 0.082	8.254 0.011 11.289 0.091	7.791 0.008 10.224 0.051	310.441 573 09 310.441 717 07	+12.518 708 37 +12.522 140 79	12.29 -3.12	50.24 -32.09 46.27 -27.13	1.53 1.14 1.42 30.98 23.41 14.51	1.73 1.11 18.13 10.49	A 2.3	12.37	0.0	0.00										
20419+1419	1	F CA	A 102150 B 102150	8.265 0.005 10.798 0.050			310.474 630 68 310.474 445 80	+14.310 740 88 +14.310 673 42	4.77 4.77	-11.92 -8.96 -11.92 -8.96	1.19 0.95 1.39 12.53 11.74 1.39	1.52 0.95 1.52 0.95	A 249	0.69												
20423+5723	1	L CA	A 102183 B 102183	7.237 0.004 8.947 0.017	7.235 0.008	7.072 0.010	310.570 005 23 310.570 579 82	+57.385 359 50 +57.385 383 73	6.84 6.84	-4.97 6.39 -3.12 18.10	0.73 0.79 0.68 4.92 4.52 0.68	0.59 0.73 2.85 3.17	A 85.5	1.118	-0.6	+0.003										
20425+1245	1	F CA	A 102206 B 102206	8.366 0.006 8.467 0.007	8.670 0.015 8.860 0.019	8.250 0.015 8.373 0.018	310.639 477 72 310.641 890 43	+12.728 301 62 +12.728 420 93	7.70 7.70	-6.10 -25.75 -6.10 -25.75	2.13 1.64 2.62 3.70 2.62 2.62	2.40 1.53 2.40 1.53	A 87.10	8.483												
20430-2846	1	F CA	A 102241 B 102241	8.291 0.005 11.622 0.114	8.835 0.016	8.225 0.014	310.760 137 13 310.758 337 90	-28.770 081 72 -28.771 614 86	7.63 7.63	5.34 -13.28 5.34 -13.28	1.51 0.88 1.44 43.35 26.47 1.44	1.73 1.20 1.73 1.20	A 225.8	7.92												
20432+3350	1	F CC	A 102261 B 102261	7.533 0.004 11.428 0.122			310.810 366 25 310.810 460 30	+33.831 548 27 +33.831 287 71	2.24 2.24	14.70 5.35 14.70 5.35	0.63 0.69 0.85 32.33 30.55 0.85	0.64 0.67 0.64 0.67	A 163	0.98												
20435+1657	1	F CA	A 102283 B 102283	9.215 0.010 9.570 0.014	9.637 0.028 10.086 0.040	9.213 0.030 9.566 0.039	310.866 276 38 310.866 303 15	+16.944 971 62 +16.943 881 18	12.69 12.69	-17.13 24.95 -17.13 24.95	2.58 1.82 2.65 6.13 4.10 2.65	2.67 1.72 2.67 1.72	A 178.7	3.927												
20436+1944	1	F CA	A 102295 B 102295	8.366 0.007 9.309 0.017	8.902 0.015 10.217 0.037	8.313 0.014 9.161 0.024	310.911 680 45 310.909 916 88	+19.728 005 98 +19.729 234 01	5.17 5.17	28.76 -12.11 28.76 -12.11	1.43 1.21 1.73 5.34 4.73 1.73	1.40 1.22 1.40 1.22	A 306.49	7.43												
20436-5148	1	F CA	A 102293 B 102293	8.070 0.004 11.092 0.067	8.372 0.011	8.000 0.013	310.900 458 53 310.899 600 79	-51.801 043 93 -51.800 211 59	9.65 9.65	22.56 -42.69 22.56 -42.69	1.07 0.88 1.21 14.04 10.26 1.21	1.35 0.76 1.35 0.76	A 327.5	3.55												
20439+3119	1	F ND D	A 102320 B 102320	10.082 0.011 13.269 0.193	11.631 0.056	10.101 0.023	310.972 308 63 310.973 469 30	+31.319 565 00 +31.318 829 81	18.49 18.49	11.65 -4.89 11.65 -4.89	1.28 1.58 2.34 43.92 54.36 2.34	1.25 1.47 1.25 1.47	A 127	4.44												
20439-0557	1	F CA	A 102322 B 102322	8.433 0.011 9.254 0.023			310.974 169 83 310.974 166 34	-5.954 074 24 -5.953 984 35	5.93 5.93	6.58 -12.71 6.58 -12.71	2.08 2.04 1.58 4.24 3.42 1.58	2.28 1.28 2.28 1.28	A 358	0.324												



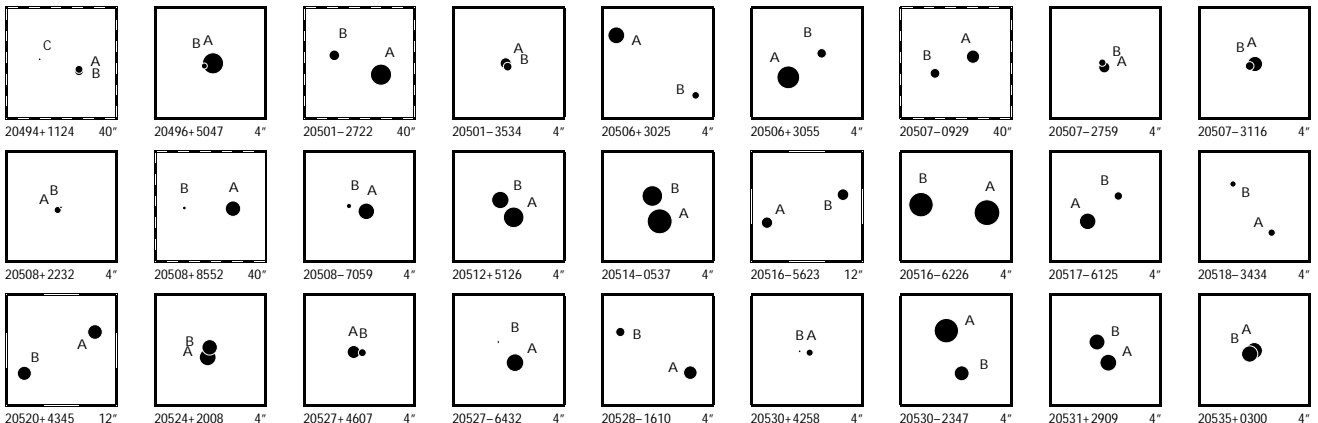
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20442-7759	1	F C C	A 102348 B 102348	10.519 0.212 11.564 0.554				311.057 962 61 311.058 157 66	-77.987 889 53 -77.987 871 10	6.24 6.24	-0.77 -1.42 -0.77 -1.42	12.12 7.90 1.26 1.18 1.09 44.85 25.17 1.26 1.18 1.09	A 66 0.16													
20444+2119	1	F C A	A 102364 B 102364	8.431 0.005 11.280 0.067	9.423 0.018 11.573 0.145	8.372 0.013 10.897 0.139		311.111 791 85 311.110 871 52	+21.317 145 30 +21.318 370 98	2.00 2.00	-0.07 -8.41 -0.07 -8.41	1.14 0.91 1.38 1.18 0.85 15.64 13.73 1.38 1.18 0.85	A 325.0 5.38													
20444-6411	1	F C A	A 102354 B 102354	10.494 0.010 11.006 0.016				311.087 837 43 311.087 735 27	-64.189 301 59 -64.189 527 50	5.01 5.01	-13.56 -10.15 -13.56 -10.15	2.62 3.70 4.19 2.68 3.72 6.33 7.36 4.19 2.68 3.72	A 191.1 0.83													
20445+6136	1	F C C	A 102367 B 102367	9.476 0.143 11.314 0.779				311.112 894 70 311.112 871 91	+61.601 183 61 +61.601 224 54	1.15 1.15	4.86 -6.79 4.86 -6.79	7.47 7.48 0.81 0.69 0.75 30.57 67.97 0.81 0.69 0.75	A 345 0.15													
20448-2054	1	F C A	A 102386 B 102386	8.006 0.005 9.754 0.023	9.090 0.019 7.833 0.012			311.205 116 05 311.205 623 00	-20.892 833 17 -20.892 913 56	3.44 3.44	-20.53 -28.59 -20.53 -28.59	1.51 0.90 1.50 1.79 1.35 9.00 4.59 1.50 1.79 1.35	A 99.6 1.73													
20449+1219	1	F C A	A 102390 B 102390	7.044 0.005 8.386 0.016				311.227 400 26 311.227 643 48	+12.312 656 00 +12.312 469 11	4.81 4.81	20.42 4.04 20.42 4.04	1.02 0.76 1.11 1.24 0.78 5.75 2.97 1.11 1.24 0.78	A 128.2 1.088													
20450+1243	1	F C A	B 102398 A 102398	8.901 0.005 8.931 0.005				311.251 037 40 311.250 993 05	+12.726 749 52 +12.726 927 40	13.18 13.18	-11.11 -4.65 -11.11 -4.65	2.75 3.02 3.62 3.08 3.53 3.75 3.41 3.62 3.08 3.53	B 346.3 0.659													
20451-3122	1	F N D	B 102141 C 102141	10.875 0.029 10.964 0.032				310.462 385 29 310.462 247 85	-32.434 341 65 -32.435 264 64	97.80 97.80	269.32 -365.69 269.32 -365.69	11.33 6.23 4.65 6.55 4.65 6.33 4.27 4.65 6.55 4.65	B 187.2 3.35													
20451-5030	1	F C A	A 102396 B 102396	8.022 0.006 8.034 0.007				311.239 841 88 311.240 084 53	-50.487 909 22 -50.487 686 63	1.88 1.88	8.59 -6.69 8.59 -6.69	1.67 1.50 2.01 2.30 1.38 3.24 1.99 2.01 2.30 1.38	A 34.7 0.975													
20452-0103	1	F C A	A 102413 B 102413	8.117 0.004 10.693 0.037				311.301 097 71 311.300 864 19	-1.042 926 24 -1.042 894 26	3.43 3.43	-17.44 -18.40 -17.44 -18.40	1.27 1.03 1.31 1.66 1.27 12.98 12.17 1.31 1.66 1.27	A 278 0.85													
20455+0553	1	F C C	A 102439 B 102439	7.628 0.007 11.406 0.211				311.366 707 59 311.366 498 67	+5.881 454 73 +5.881 560 54	7.14 7.14	90.98 -96.70 90.98 -96.70	1.71 1.11 1.91 1.80 1.13 72.91 56.42 1.91 1.80 1.13	A 297 0.84													
20455-5105	1	F C A	A 102444 B 102444	9.404 0.009 10.673 0.026				311.380 529 91 311.380 146 49	-51.089 550 51 -51.089 714 09	6.60 6.60	52.20 -66.83 52.20 -66.83	2.30 1.70 2.45 2.79 1.51 7.82 5.46 2.45 2.79 1.51	A 235.8 1.05													
20456+4621	1	F C C	A 102449 B 102449	9.246 0.024 12.422 0.450				311.397 009 03 311.396 875 82	+46.350 587 33 +46.350 620 93	0.92 0.92	-2.42 -4.76 -2.42 -4.76	5.71 4.40 1.73 2.11 1.42 64.85 76.63 1.73 2.11 1.42	A 290 0.35													
20458-4920	1	I C B	A 102467 B 102465	10.989 0.019 13.665 0.205	11.388 0.089 10.739 0.084			311.457 827 29 311.453 043 93	-49.335 696 34 -49.334 713 73	2.13 -2.20	53.88 -82.73 131.60 -71.02	8.20 6.96 8.04 8.65 4.87 94.54 59.22 39.06 57.13 28.94	A 287.5 11.77 +0.2 -0.07													
20462+1554	1	L C A	A 102490 B 102490	7.665 0.005 8.472 0.009	8.444 0.013 9.293 0.033	7.563 0.012 8.378 0.025		311.555 218 76 311.555 511 19	+15.907 156 29 +15.908 792 14	26.15 26.15	87.38 65.31 96.04 71.59	1.52 1.06 1.46 1.46 0.84 4.15 3.23 1.46 3.05 1.73	A 9.75 5.975 +0.07 +0.008													
20462+3532	1	F C C	A 102489 B 102489	9.449 0.011 12.918 0.259	9.409 0.015 9.460 0.022			311.552 739 74 311.551 416 40	+35.540 442 22 +35.540 920 51	2.47 2.47	-1.77 -3.24 -1.77 -3.24	1.21 1.48 1.65 1.24 1.51 40.12 47.02 1.65 1.24 1.51	A 294 4.24													
20462-2145	1	F C A	A 102486 B 102486	8.021 0.004 11.145 0.063	9.016 0.015 7.935 0.011			311.540 108 57 311.540 438 90	-21.745 113 45 -21.745 116 89	30.10 30.10	106.15 -269.94 106.15 -269.94	1.26 0.77 1.34 1.57 1.07 33.67 15.08 1.34 1.57 1.07	A 91 1.10													
20465+5005	1	F C B	A 102517 B 102517	9.429 0.170 11.025 0.740				311.633 521 01 311.633 493 12	+50.086 841 52 +50.086 878 26	1.57 1.57	-3.88 -10.97 -3.88 -10.97	5.06 12.82 0.99 1.10 0.92 46.91 41.04 0.99 1.10 0.92	A 334 0.15													
20465+6717	1	L C B	A 102518 B 102518	8.246 0.007 11.711 0.169	8.455 0.010 8.190 0.011			311.634 749 19 311.637 489 67	+67.275 714 93 +67.277 147 48	2.90 2.90	-10.64 -13.67 63.12 89.58	0.96 0.86 0.81 0.92 0.75 34.44 31.84 0.81 24.78 27.60	A 36.5 6.41 0.0 +0.13													
20465-1642	1	F C A	A 102515 B 102515	9.143 0.007 9.216 0.007	9.881 0.035 9.017 0.027			311.629 823 80 311.628 787 61	-16.697 920 12 -16.697 517 48	11.82 11.82	-47.83 27.85 -47.83 27.85	3.08 1.98 3.40 3.98 2.91 5.37 2.98 3.40 3.98 2.91	A 292.1 3.86													
20465-2652	1	I C A	A 102507 B 102505	7.100 0.007 10.522 0.146	7.473 0.007 7.049 0.009			311.614 141 37 311.614 826 32	-26.868 636 42 -26.865 004 10	19.59 16.64	2.55 -22.22 33.45 -7.55	2.09 1.41 1.78 2.28 2.19 45.71 31.41 21.59 27.80 28.99	A 9.5 13.26 +0.1 +0.02													
20466+4632	1	F C A	A 102530 B 102530	6.433 0.008 8.907 0.075				311.660 855 51 311.660 981 37	+46.531 727 72 +46.531 697 70	7.89 7.89	-16.16 -14.75 -16.16 -14.75	1.68 1.14 0.68 0.73 0.54 9.04 11.57 0.68 0.73 0.54	A 109 0.33													
20466+5004	1	F C B	A 102520 B 102520	11.104 0.018 12.980 0.095				311.640 576 91 311.640 650 36	+50.074 943 00 +50.075 067 31	1.17 1.17	1.84 -4.70 1.84 -4.70	2.53 2.99 2.39 2.59 2.43 20.72 19.70 2.39 2.59 2.43	A 21 0.48													
20466+5951	1	F C B	A 102523 B 102523	8.700 0.007 11.633 0.105	9.239 0.014 8.616 0.013			311.648 468 16 311.648 830 46	+59.853 338 96 +59.853 661 83	17.52 17.52	-132.08 -289.23 -132.08 -289.23	1.37 1.13 1.21 1.48 1.11 28.18 24.12 1.21 1.48 1.11	A 29 1.33													
20466+6238	1	F C A	A 102529 B 102529	9.010 0.007 11.624 0.076	9.136 0.017 8.981 0.020			311.659 946 88 311.665 374 39	+62.626 089 02 +62.627 027 84	2.48 2.48	1.39 6.04 1.39 6.04	1.03 0.98 1.06 0.98 1.01 12.08 14.73 1.06 0.98 1.01	A 69.4 9.60													
20467+1607	1	I C A	A 102532 B 102531	4.436 0.006 5.245 0.011	5.594 0.005 5.719 0.005	4.378 0.003 5.151 0.005		311.664 658 33 311.661 948 85	+16.124 773 26 +16.124 623 94	32.14 31.69	-25.88 -196.27 -6.10 -201.74	1.20 0.87 1.19 1.32 0.80 4.45 3.55 2.37 2.86 1.84	A 266.72 9.386 -0.04 -0.019													
20467-3336	1	L C A	A 102533 B 102533	9.696 0.057 10.150 0.087				311.665 764 15 311.665 785 00	-33.604 059 18 -33.604 114 37	12.05 12.05	41.87 -33.36 34.63 -8.48	3.81 5.55 1.58 2.92 2.05 7.30 8.58 1.58 4.68 3.18	A 163 0.208 0 -0.026													



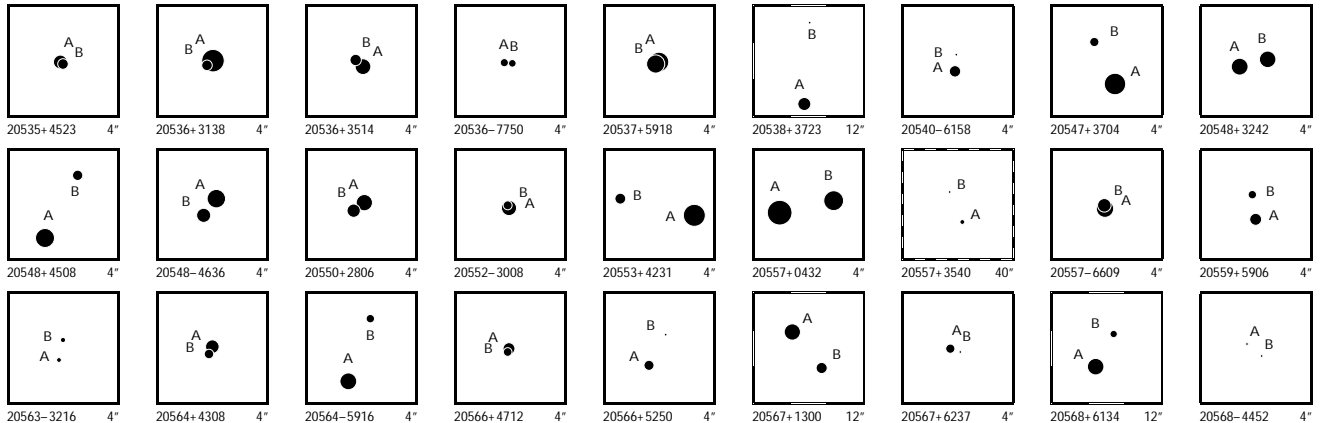
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20469+3252	1	I CA	A 102553 B 102554	8.355 0.005 9.722 0.018	8.492 0.008 9.836 0.020	8.303 0.010 9.526 0.023	311.731 157 28 +32.863 975 92 311.734 764 10 +32.864 091 50	4.97 4.07	7.14 -3.91 6.95 -7.08	1.20 1.55 1.66 1.25 1.46 5.99 7.00 3.71 2.96 3.51	A 87.81 10.914 +0.02 0.000														
20470+4901	1	F CA	A 102557 B 102557	9.732 0.084 11.441 0.407			311.753 944 21 +49.022 265 14 311.753 866 77 +49.022 240 36	1.10 1.10	11.87 -1.07 11.87 -1.07	7.45 4.47 1.24 1.28 1.05 32.69 25.06 1.24 1.28 1.05	A 244 0.20														
20470+5825	1	F CB P	A 102558 B 102558	7.350 0.142 7.892 0.233			311.754 405 92 +58.416 765 46 311.754 455 61 +58.416 797 39	2.10 2.10	-2.06 -3.63 -2.06 -3.63	6.90 8.74 0.50 0.54 0.49 11.09 11.87 0.50 0.54 0.49	A 39 0.15														
20470-5818	1	F CA	A 102555 B 102555	9.795 0.010 11.633 0.051	10.111 0.028	9.655 0.028	311.745 471 63 -58.297 504 15 311.745 812 30 -58.297 232 49	5.81 5.81	16.86 -16.03 16.86 -16.03	2.11 2.12 2.60 2.38 2.07 15.93 17.83 2.60 2.38 2.07	A 33 1.17														
20472+4225	1	F CA	A 102570 B 102570	7.430 0.005 9.046 0.019	7.330 0.007	7.417 0.008	311.791 315 51 +42.409 842 07 311.795 046 11 +42.409 641 96	1.44 1.44	5.42 -0.51 5.42 -0.51	0.81 0.85 0.97 0.86 0.83 5.44 4.22 0.97 0.86 0.83	A 94.15 9.94														
20473-2625	1	F CA	A 102584 B 102584	7.463 0.005 9.069 0.020	7.524 0.011	7.291 0.013	311.833 707 31 -26.415 186 64 311.833 186 08 -26.415 318 68	8.45 8.45	6.52 -1.76 6.52 -1.76	1.60 0.90 1.64 1.98 1.58 11.26 3.52 1.64 1.98 1.58	A 254.2 1.75														
20475+3629	1	L CA	A 102589 B 102589	4.769 0.003 6.244 0.009			311.852 195 64 +36.490 736 58 311.852 256 59 +36.490 972 25	3.71 3.71	14.93 -8.20 6.08 -7.69	0.51 0.57 0.61 0.48 0.55 2.31 2.34 0.61 1.26 1.36	A 11.7 0.867 -0.6 -0.001														
20475+5553	1	F CB	A 102597 B 102597	9.495 0.010 12.645 0.169	9.716 0.020	9.408 0.022	311.882 065 63 +55.884 942 69 311.877 180 46 +55.883 621 90	2.32 2.32	-2.58 -6.64 -2.58 -6.64	1.53 1.35 1.49 1.71 1.53 41.83 44.94 1.49 1.71 1.53	A 244.3 10.95														
20475-8019	1	F CA	A 102594 B 102594	9.283 0.017 9.333 0.018			311.871 793 19 -80.324 261 12 311.871 801 59 -80.324 167 37	3.94 3.94	30.76 4.99 30.76 4.99	2.75 2.75 1.13 0.91 0.99 3.00 2.98 1.13 0.91 0.99	A 1 0.338														
20476-4534	1	F CA	A 102604 B 102604	9.730 0.009 9.954 0.011			311.898 786 31 -45.561 191 21 311.898 659 99 -45.561 325 19	8.17 8.17	26.47 22.28 26.47 22.28	3.81 3.83 4.00 5.52 5.13 6.56 4.93 4.00 5.52 5.13	A 213 0.578														
20477+4204	1	F CA	A 102619 B 102619	7.864 0.005 9.078 0.015			311.919 924 10 +42.068 562 45 311.919 867 44 +42.068 454 52	1.48 1.48	5.96 1.63 5.96 1.63	1.09 1.16 0.99 0.84 0.85 4.45 3.57 0.99 0.84 0.85	A 201 0.417														
20478+0600	1	F CA	A 102633 B 102633	5.660 0.003 8.512 0.034	5.596 0.003	5.611 0.004	311.951 367 11 +6.008 241 04 311.951 241 22 +6.007 843 49	6.35 6.35	8.81 -13.01 8.81 -13.01	0.94 0.56 1.08 0.91 0.55 11.23 8.19 1.08 0.91 0.55	A 197.5 1.50														
20479-2745	1	F CA	A 102641 B 102641	7.736 0.008 10.698 0.111	8.903 0.016 11.369 0.110	7.698 0.011 10.725 0.098	311.970 032 97 -27.750 304 92 311.970 353 08 -27.755 206 68	5.40 5.40	20.44 28.71 20.44 28.71	1.29 0.82 1.25 1.81 1.35 45.14 25.60 1.25 1.81 1.35	A 176.7 17.68														
20481+2727	1	F CA	A 102650 B 102650	8.847 0.007 9.372 0.011			312.026 054 90 +27.457 134 51 312.026 135 63 +27.456 831 14	2.85 2.85	5.89 -11.56 5.89 -11.56	1.61 1.67 2.23 1.57 1.40 2.98 4.36 2.23 1.57 1.40	A 166.7 1.122														
20483+5815	1	F CA	A 102673 B 102673	9.004 0.061 9.583 0.104			312.086 858 86 +58.256 914 19 312.086 764 53 +58.256 930 35	4.57 4.57	14.82 5.70 14.82 5.70	5.79 3.38 0.71 0.79 0.60 8.28 5.41 0.71 0.79 0.60	A 288 0.188														
20484-1812	1	INB	A 102685 B 102681	7.299 0.032 7.617 0.042	8.322 0.011	7.230 0.009	312.108 181 52 -18.201 690 70 312.104 019 66 -18.199 941 19	2.58 6.04	19.87 -11.13 16.82 -7.32	7.14 4.04 6.51 8.33 6.66 21.69 10.57 11.60 14.94 11.79	A 293.87 15.56 +0.01 0.00														
20484-5431	1	F NC	A 102682 B 102682	12.406 0.041 13.394 0.100			312.104 361 87 -54.511 111 08 312.104 750 76 -54.511 105 26	12.81 12.81	67.54 -183.18 67.54 -183.18	6.48 4.55 6.59 8.23 4.34 39.35 29.40 6.59 8.23 4.34	A 89 0.81														
20485+0143	1	F CA	A 102689 B 102689	7.509 0.003 10.137 0.034			312.115 902 85 +1.722 798 89 312.115 967 88 +1.722 983 00	3.03 3.03	-20.60 -34.34 -20.60 -34.34	1.18 0.87 1.26 1.31 1.01 16.06 7.03 1.26 1.31 1.01	A 19 0.70														
20485-3126	1	F CA	A 102690 B 102690	9.147 0.008 11.280 0.057	10.367 0.044	8.997 0.023	312.115 852 51 -31.436 907 12 312.115 531 94 -31.436 571 50	-2.20 -2.20	11.40 0.04 11.40 0.04	2.13 1.20 2.06 2.84 1.77 17.63 9.90 2.06 2.84 1.77	A 321 1.56														
20487+5155	1	F CA	A 102712 B 102712	6.372 0.002 8.866 0.022	6.250 0.004 8.720 0.028	6.362 0.005 8.634 0.035	312.178 071 22 +51.910 325 19 312.179 879 78 +51.910 675 57	4.12 4.12	6.42 2.39 6.42 2.39	0.56 0.57 0.60 0.64 0.75 5.19 5.36 0.60 0.64 0.75	A 72.6 4.21														
20489+4537	1	F CA	A 102722 B 102722	9.022 0.127 10.077 0.336			312.229 143 34 +45.624 227 09 312.229 091 21 +45.624 254 78	0.09 0.09	-2.23 -1.62 -2.23 -1.62	8.21 6.44 0.94 1.07 0.88 21.16 17.88 0.94 1.07 0.88	A 307 0.16														
20490+2540	1	F CB	A 102728 B 102728	7.999 0.005 11.564 0.123			312.248 762 93 +25.672 406 43 312.248 643 86 +25.672 302 12	3.19 3.19	17.19 8.23 17.19 8.23	1.19 1.08 1.30 1.05 0.86 39.62 30.62 1.30 1.05 0.86	A 226 0.54														
20490+3948	1	F CA	A 102731 B 102731	7.653 0.005 9.962 0.036	7.587 0.007 9.777 0.050	7.623 0.008 9.591 0.069	312.252 660 26 +39.791 646 82 312.254 149 24 +39.791 718 67	2.26 2.26	5.00 -2.74 5.00 -2.74	0.74 0.77 0.90 0.69 0.80 6.46 8.54 0.90 0.69 0.80	A 86.4 4.13														
20490-2038	1	F CA	A 102723 B 102723	9.803 0.015 10.139 0.020	10.486 0.041 10.698 0.046	9.682 0.033 9.843 0.035	312.231 907 10 -20.618 920 56 312.233 031 43 -20.620 193 28	10.66 10.66	69.64 -22.17 69.64 -22.17	3.62 1.95 3.23 4.03 2.58 8.93 4.89 3.23 4.03 2.58	A 140.4 5.95														
20492+0502	1	F CA	A 102756 B 102756	8.410 0.007 11.860 0.167			312.303 533 10 +5.025 243 29 312.303 535 86 +5.025 146 44	1.33 1.33	8.80 -7.95 8.80 -7.95	1.74 1.28 1.44 1.40 0.79 42.58 27.76 1.44 1.40 0.79	A 178 0.35														
20492+4525	1	F CA	A 102754 P 102754	10.466 0.026 10.845 0.037			312.298 339 83 +45.411 065 12 312.298 190 67 +45.411 057 02	3.13 3.13	-11.47 -6.12 -11.47 -6.12	4.41 3.00 2.84 3.95 2.46 6.97 6.77 2.84 3.95 2.46	A 266 0.38														
20493+3314	1	LNB	A 102764 B 102764	9.083 0.024 10.731 0.100	12.748 0.229 11.964 0.109	9.556 0.018 10.646 0.054	312.317 533 30 +33.229 777 39 312.313 807 77 +33.227 876 10	3.13 3.13	1.00 -6.57 -31.99 -99.59	2.01 2.50 3.05 1.94 2.36 17.24 21.12 3.05 11.01 13.25	A 238.6 13.14 -0.3 +0.08														



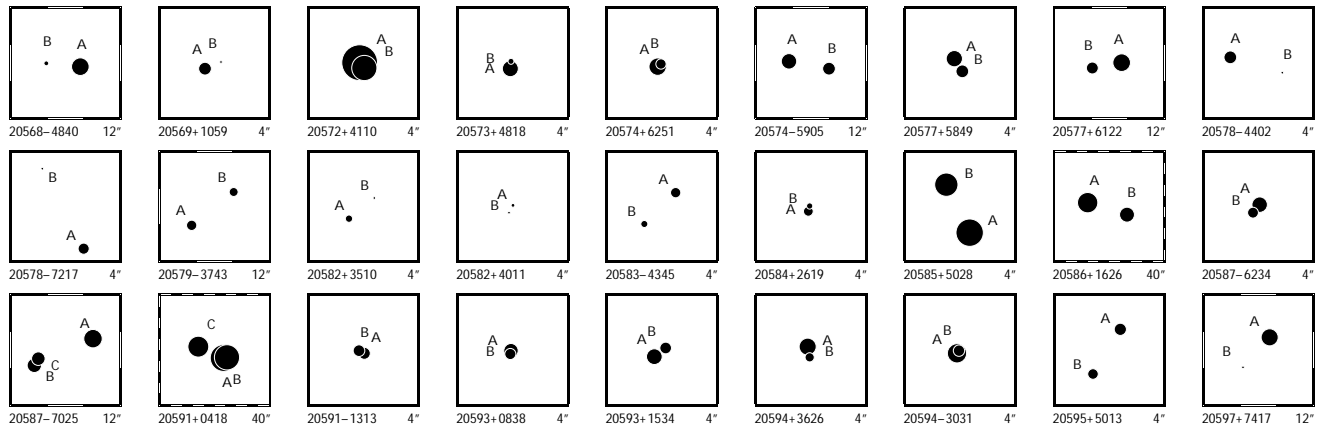
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20494+1124	1	LNC	G	B 102782 A 102782 C 102784	10.064 0.022 10.272 0.019 13.942 1.040							312.348 039 92 +11.402 656 88 312.348 059 89 +11.402 860 33 312.352 176 49 +11.403 935 43	29.16 29.16 29.16	219.90 -125.38 176.28 -132.04 116.23 -104.49	5.82 3.37 3.28 4.10 2.30 3.92 2.98 3.28 4.62 2.66 281.16 187.31 3.28 199.55 98.13	B 5.5 0.736 -3.3 -0.011 B 72.5 15.31 -0.2 -0.09										
20496+5047	1	FND	D	A 102796 B 102796	7.312 0.013 10.665 0.285							312.387 947 82 +50.783 227 35 312.388 085 49 +50.783 201 88	1.94 1.94	-3.75 -17.60 -3.75 -17.60	1.16 1.00 0.96 0.95 0.92 39.77 30.53 0.96 0.95 0.92	A 106 0.33										
20501-2722	1	ICA		A 102845 B 102848	7.331 0.012 9.661 0.081	8.461 0.017 9.773 0.027	7.236 0.010 9.166 0.026					312.521 136 10 -27.367 631 56 312.526 534 81 -27.365 660 95	6.16 12.22	4.07 -30.18 -12.59 -33.33	2.23 1.52 1.89 2.55 2.27 37.54 23.03 14.90 21.20 19.76	A 67.66 18.66 -0.01 -0.02										
20501-3534	1	FCB		A 102846 B 102846	9.543 0.225 10.055 0.360							312.521 561 20 -35.558 975 02 312.521 534 26 -35.559 007 82	1.64 1.64	38.50 -13.89 38.50 -13.89	13.35 13.68 1.32 1.56 0.83 21.69 18.65 1.32 1.56 0.83	A 214 0.14										
20506+3025	1	LCA		A 102877 B 102877	8.273 0.005 10.327 0.034	8.585 0.008 10.740 0.094	8.209 0.008 10.099 0.085					312.651 620 23 +30.413 087 48 312.650 671 48 +30.412 472 74	8.53 8.53	-41.73 -10.13 -58.58 -16.40	0.96 1.20 1.47 0.96 1.07 7.30 10.27 1.47 5.86 5.62	A 233.1 3.68 +0.1 +0.02										
20506+3055	1	FCA		A 102876 B 102876	6.951 0.003 9.893 0.051	7.163 0.005	6.861 0.005					312.650 038 36 +30.912 594 38 312.649 637 09 +30.912 847 06	7.03 7.03	58.21 36.27 58.21 36.27	0.58 0.69 0.91 0.68 0.74 10.79 12.21 0.91 0.68 0.74	A 306.3 1.54										
20507-0929	1	FCA		A 102890 B 102890	9.035 0.012 9.869 0.023	9.887 0.026	8.980 0.020					312.673 180 33 -9.479 871 72 312.677 055 60 -9.481 587 74	7.93 7.93	2.81 5.44 2.81 5.44	2.90 2.55 3.45 3.67 2.51 11.60 8.38 3.45 3.67 2.51	A 114.18 15.08										
20507-2759	1	FCA		A 102884 B 102884	9.539 0.069 10.385 0.150							312.664 974 35 -27.976 616 16 312.664 999 71 -27.976 563 71	5.69 5.69	58.92 -35.35 58.92 -35.35	7.67 6.19 1.66 1.82 1.69 18.80 11.38 1.66 1.82 1.69	A 23 0.21										
20507-3116	1	FCA		A 102892 B 102892	8.660 0.069 10.101 0.260							312.674 326 89 -31.262 614 93 312.674 386 50 -31.262 631 78	9.83 9.83	-31.77 8.81 -31.77 8.81	5.52 8.89 1.15 1.33 1.10 27.11 30.60 1.15 1.33 1.10	A 108 0.19										
20508+2232	1	FCC		A 102902 B 102902	10.426 0.257 12.244 1.368							312.701 443 47 +22.538 297 09 312.701 402 73 +22.538 327 29	1.67 1.67	-13.39 -20.11 -13.39 -20.11	18.50 12.40 1.52 1.32 0.97 80.61 84.79 1.52 1.32 0.97	A 309 0.17										
20508+8552	1	ICA		A 102893 B 102915	8.595 0.009 11.152 0.080	8.773 0.019 11.323 0.074	8.550 0.022 10.879 0.089					312.677 431 77 +85.867 915 53 312.746 337 07 +85.867 962 93	5.62 -5.39	12.18 15.61 10.65 16.84	1.53 1.42 1.26 1.75 1.58 26.29 25.33 17.27 23.75 21.25	A 89.4 17.87 0.0 0.00										
20508-7059	1	FCA		A 102905 B 102905	8.364 0.004 10.865 0.042							312.710 510 65 -70.984 094 03 312.711 024 38 -70.984 036 31	5.39 5.39	18.79 -15.84 18.79 -15.84	0.98 0.99 1.29 0.95 1.09 9.91 13.81 1.29 0.95 1.09	A 71 0.64										
20512+5126	1	FCA		A 102921 B 102921	7.416 0.003 8.171 0.006							312.772 546 24 +51.417 143 83 312.772 765 98 +51.417 322 13	8.27 8.27	39.50 42.54 39.50 42.54	0.82 0.86 0.90 0.94 0.87 1.88 1.90 0.90 0.94 0.87	A 37.5 0.810										
20514-0537	1	LCA		A 102945 B 102945	6.468 0.004 7.455 0.009							312.857 050 76 -5.626 635 80 312.857 127 08 -5.626 370 59	16.97 16.97	95.77 1.25 103.36 -7.62	1.17 0.88 1.26 1.31 0.72 3.60 2.29 1.26 2.35 1.34	A 16.0 0.993 +0.6 -0.006										
20516-5623	1	LCA		B 102957 A 102957	9.444 0.008 9.489 0.008	9.886 0.020 9.839 0.019	9.392 0.020 9.448 0.020					312.891 171 12 -56.388 105 98 312.895 418 49 -56.388 944 64	1.27 1.27	35.01 -23.81 27.35 -17.90	3.71 3.25 3.08 2.87 1.95 4.88 4.67 3.08 3.64 2.69	B 109.63 8.987 -0.02 -0.009										
20516-6226	1	LCA		A 102962 B 102962	6.328 0.004 6.628 0.005	6.440 0.006 6.713 0.012	6.273 0.005 6.499 0.013					312.910 013 11 -62.429 215 13 312.911 471 09 -62.429 134 46	13.67 13.67	83.04 -49.38 82.03 -45.41	0.92 0.96 1.16 0.86 0.92 1.97 1.97 1.16 1.20 1.17	A 83.18 2.447 -0.10 -0.001										
20517-6125	1	FCA		A 102965 B 102965	8.317 0.008 10.134 0.043	8.655 0.008	8.192 0.008					312.919 668 23 -61.415 442 89 312.919 016 66 -61.415 187 59	5.93 5.93	-43.92 21.16 -43.92 21.16	1.10 1.25 1.68 1.02 1.41 9.68 7.20 1.68 1.02 1.41	A 309.3 1.45										
20518-3434	1	FCA		A 102979 B 102979	10.409 0.009 10.612 0.011	10.128 0.035 10.207 0.043	9.710 0.038 9.718 0.039					312.956 984 64 -34.561 068 03 312.957 462 08 -34.560 572 52	3.68 3.68	0.46 -4.57 0.46 -4.57	3.46 2.39 3.28 3.86 2.56 6.65 5.24 3.28 3.86 2.56	A 38.4 2.28										
20520+4345	1	LCA		A 102990 B 102990	8.732 0.007 8.862 0.008	9.571 0.021 9.079 0.019	8.490 0.013 8.865 0.022					312.994 309 43 +43.757 981 34 312.997 317 15 +43.756 697 37	0.33 0.33	5.46 1.17 28.72 8.49	1.99 2.11 2.16 1.83 1.74 3.81 4.01 2.16 4.29 4.26	A 120.58 9.084 -0.11 +0.016										
20524+2008	1	FCA		A 103028 B 103028	8.303 0.009 8.572 0.012							313.091 011 08 +20.128 210 85 313.090 988 94 +20.128 307 64	3.40 3.40	-3.29 -0.58 -3.29 -0.58	1.79 1.74 1.74 1.51 1.20 2.79 2.52 1.74 1.51 1.20	A 348 0.356										
20527+4607	1	LCA		A 103055 B 103055	9.111 0.033 10.256 0.094							313.187 235 59 +46.113 251 21 313.187 113 91 +46.113 245 33	18.68 18.68	-24.60 -13.01 -38.26 -39.04	6.03 3.72 1.30 1.81 3.69 11.94 12.66 1.30 4.64 10.85	A 266 0.30 -5 +0.02										
20527-6432	1	FCC		A 103046 B 103046	8.096 0.010 11.659 0.273							313.165 472 34 -64.534 725 83 313.165 854 80 -64.534 503 98	10.33 10.33	-57.58 14.31 -57.58 14.31	1.38 1.35 1.89 1.47 1.36 50.28 40.86 1.89 1.47 1.36	A 37 0.99										
20528-1610	1	FCA		A 103059 B 103059	9.029 0.015 9.933 0.034	9.460 0.021 10.106 0.053	8.815 0.022 9.532 0.043					313.206 793 28 -16.165 169 60 313.207 539 67 -16.164 755 40	4.33 4.33	27.51 -17.10 27.51 -17.10	2.00 1.56 1.97 2.30 2.12 5.69 4.38 1.97 2.30 2.12	A 60.0 2.98										
20530+4258	1	LCA		A 103067 B 103067	10.462 0.021 12.029 0.087							313.238 591 91 +42.973 793 89 313.238 732 40 +42.973 799 98	9.47 9.47	104.43 144.93 84.32 151.75	3.51 2.57 2.31 1.91 2.05 15.00 15.72 2.31 5.98 8.51	A 87 0.37 -1 -0.02										
20530-2347	1	FCA		A 103071 B 103071	6.620 0.003 8.710 0.020	7.563 0.018	6.522 0.013					313.254 591 12 -23.783 050 45 313.254 415 93 -23.783 491 65	13.33 13.33	84.08 -62.70 84.08 -62.70	1.35 1.13 1.17 1.55 1.66 7.78 5.66 1.17 1.55 1.66	A 200.0 1.69										
20531+2909	1	FCA		A 103074 B 103074	8.258 0.006 8.481 0.007							313.267 612 24 +29.145 469 90 313.267 744 05 +29.145 686 18	4.47 4.47	13.14 -1.92 13.14 -1.92	1.27 1.41 1.79 1.48 1.56 2.19 2.07 1.79 1.48 1.56	A 28.0 0.882										
20535+0300	1	FCA		A 103111 B 103111	8.412 0.037 8.418 0.037							313.374 627 05 +3.002 039 36 313.374 678 77 +3.002 005 76	2.46 2.46	-8.96 1.00 -8.96 1.00	4.22 2.93 1.02 1.11 0.58 4.64 3.35 1.02 1.11 0.58	A 123 0.222										



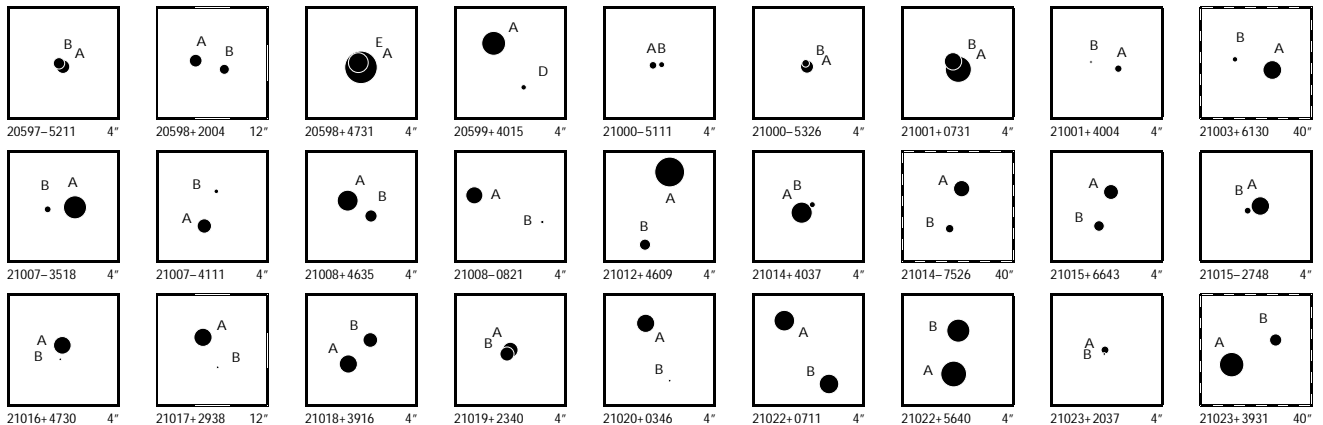
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20535+4523	1	F CA	A 103113 B 103113	8.947 9.661	0.215 0.415						313.383 950 35 313.383 913 28	+45.383 976 19 +45.383 953 81	3.94 3.94	10.79 10.79	-3.26 -3.26	10.52 17.74	8.68 16.62	0.94 0.94	0.95 0.95	0.84 0.84	A	229		0.12	
20536+3138	1	F CA	A 103116 B 103116	7.022 9.641	0.014 0.155						313.388 828 60 313.388 889 96	+31.626 146 78 +31.626 099 77	7.95 7.95	38.17 38.17	21.92 21.92	1.79 15.18	1.78 15.27	0.75 0.75	0.52 0.52	0.59 0.59	A	132		0.25	
20536+3514	1	F CA	A 103120 B 103120	8.531 9.470	0.008 0.018						313.397 496 06 313.397 587 56	+35.227 933 87 +35.227 999 47	1.59 1.59	-0.46 -0.46	-1.88 -1.88	1.39 3.73	1.72 4.90	1.41 1.41	0.94 0.94	1.20 1.20	A	49		0.358	
20536-7750	1	F CA	A 103118 B 103118	10.194 10.307	0.037 0.042						313.395 023 13 313.394 664 77	-77.838 493 43 -77.838 498 09	10.67 10.67	49.79 49.79	-56.97 -56.97	5.41 6.30	4.48 6.99	1.50 1.50	1.51 1.51	1.19 1.19	A	266		0.27	
20537+5918	1	F CA	A 103130 B 103130	7.661 7.955	0.118 0.155						313.422 074 06 313.422 144 16	+59.307 706 89 +59.307 682 64	7.72 7.72	40.17 40.17	-28.28 -28.28	8.09 8.81	6.38 7.14	0.62 0.62	0.60 0.60	0.60 0.60	A	124		0.16	
20538+3723	1	F CA	A 103137 B 103137	9.101 11.722	0.007 0.074	10.224	0.022	9.021	0.013		313.447 287 89 313.447 071 66	+37.385 635 48 +37.388 139 67	2.09 2.09	-5.29 -5.29	-6.96 -6.96	1.23 17.56	1.43 23.16	1.67 1.67	1.20 1.20	1.48 1.48	A	356.1		9.04	
20540-6158	1	F CA	A 103156 B 103156	9.487 12.300	0.007 0.082						313.496 476 18 313.496 435 04	-61.965 381 49 -61.965 219 74	0.75 0.75	7.69 7.69	-25.09 -25.09	1.24 20.40	1.40 18.66	1.72 1.72	1.25 1.25	1.37 1.37	A	353		0.59	
20547+3704	1	F CA	A 103216 B 103216	7.243 9.942	0.003 0.029	7.178	0.006	7.206	0.007		313.674 956 17 313.675 217 16	+37.073 717 25 +37.074 143 41	5.77 5.77	9.62 9.62	-3.74 -3.74	0.57 7.00	0.66 8.11	0.77 0.77	0.55 0.55	0.66 0.66	A	26.0		1.71	
20548+3242	1	F CA	A 103232 B 103232	8.302 8.347	0.005 0.005						313.707 626 72 313.707 285 07	+32.706 301 94 +32.706 380 42	17.37 17.37	69.46 69.46	51.79 51.79	1.00 1.75	1.31 1.96	1.60 1.60	1.16 1.16	1.46 1.46	A	285.3		1.073	
20548+4508	1	F CA	A 103222 B 103222	7.813 9.734	0.006 0.036	7.713	0.009	7.814	0.010		313.688 719 87 313.688 248 63	+45.136 276 26 +45.136 919 28	2.70 2.70	6.32 6.32	0.46 0.46	1.01 7.11	1.09 9.64	1.18 1.18	1.17 1.17	1.10 1.10	A	332.7		2.61	
20548-4636	1	F CA	A 103230 B 103230	7.893 8.880	0.004 0.009						313.704 741 55 313.704 929 95	-46.600 308 20 -46.600 480 01	13.49 13.49	86.04 86.04	-135.06 -135.06	1.44 3.71	1.10 2.46	1.63 1.63	1.62 1.62	0.85 0.85	A	143.0		0.774	
20550+2806	1	L CA	A 103247 B 103247	8.422 9.052	0.005 0.010						313.759 714 75 313.759 838 35	+28.090 675 92 +28.090 598 22	14.65 14.65	113.04 101.30	-80.62 -84.67	1.40 3.18	1.40 3.67	1.47 1.47	1.00 1.68	1.04 1.93	A	125.5	0.482	+1.2	-0.007
20552-3008	1	F CB	A 103264 B 103264	8.646 9.998	0.192 0.668						313.806 992 02 313.807 005 63	-30.140 250 26 -30.140 221 28	5.76 5.76	9.23 9.23	-31.87 -31.87	5.38 25.14	11.10 26.57	1.05 1.05	1.17 1.17	0.95 0.95	A	22		0.11	
20553+4231	1	F CA	A 103272 B 103272	7.122 9.587	0.003 0.026	7.026	0.005	7.133	0.005		313.824 819 94 313.825 835 07	+42.513 486 46 +42.513 660 91	2.61 2.61	5.50 5.50	-3.30 -3.30	0.62 6.64	0.63 6.06	0.74 0.74	0.66 0.66	0.63 0.63	A	76.9		2.77	
20557+0432	1	F CA	A 103301 B 103301	6.527 7.620	0.003 0.008	7.520	0.035	6.364	0.019		313.919 343 51 313.918 786 62	+4.532 695 68 +4.532 818 24	9.02 9.02	60.96 60.96	11.26 11.26	1.21 2.53	0.63 1.87	1.19 1.19	1.29 1.29	0.63 0.63	A	282.4		2.047	
20557+3540	1	F CA	A 103303 B 103303	10.941 12.727	0.017 0.085	11.369	0.065	10.793	0.064		313.923 562 14 313.925 253 59	+35.670 487 49 +35.673 602 53	4.93 4.93	6.32 6.32	9.22 9.22	2.22 22.06	2.75 30.21	3.33 3.33	2.13 2.13	2.81 2.81	A	23.8		12.26	
20557-6609	1	F CA	A 103302 B 103302	8.167 9.003	0.125 0.269						313.919 941 45 313.919 984 95	-66.149 933 86 -66.149 905 16	11.75 11.75	-1.52 -1.52	-4.73 -4.73	4.05 9.18	7.35 12.65	0.87 0.87	0.68 0.68	0.69 0.69	A	31		0.12	
20559+5906	1	F CA	A 103318 B 103318	9.343 10.141	0.007 0.014						313.983 126 09 313.983 177 69	+59.093 311 50 +59.093 565 72	2.64 2.64	5.35 5.35	6.15 6.15	1.36 4.37	1.60 4.23	1.50 1.50	1.34 1.34	1.94 1.94	A	6.0		0.920	
20563-3216	1	F CA	A 103350 B 103350	10.841 10.897	0.008 0.008						314.083 622 89 314.083 670 42	-32.270 012 36 -32.270 213 83	0.02 0.02	28.60 28.60	20.26 20.26	9.97 10.24	7.21 7.47	8.91 8.91	11.86 11.86	9.22 9.22	B	169		0.74	
20564+4308	1	F CA	A 103355 B 103355	8.976 9.878	0.020 0.046						314.100 354 50 314.100 402 60	+43.129 612 06 +43.129 536 60	1.79 1.79	-0.54 -0.54	-4.38 -4.38	2.00 5.17	3.10 6.71	1.16 1.16	0.96 0.96	1.06 1.06	A	155		0.30	
20564-5916	1	F CA	A 103361 B 103361	8.265 10.121	0.007 0.039	8.832	0.012	8.184	0.010		314.110 948 68 314.110 514 37	-59.273 617 05 -59.272 977 43	18.97 18.97	-3.52 -3.52	-28.10 -28.10	1.45 10.05	1.17 8.94	1.71 1.71	1.54 1.54	1.07 1.07	A	340.9		2.44	
20566+4712	1	F CC	A 103373 B 103373	9.365 10.099	0.350 0.689						314.153 668 77 314.153 686 88	+47.195 864 98 +47.195 829 18	3.53 3.53	3.76 3.76	0.24 0.24	10.27 17.08	31.95 20.00	0.91 0.91	0.96 0.96	1.07 1.07	A	161		0.14	
20566+5250	1	F CA	A 103375 B 103375	9.775 11.714	0.007 0.043	10.261	0.034	9.655	0.030		314.157 069 92 314.156 781 69	+52.826 692 27 +52.827 009 93	8.76 8.76	108.09 108.09	89.66 89.66	1.46 11.76	1.36 13.36	1.40 1.40	1.68 1.68	1.37 1.37	A	331		1.30	
20567+1300	1	F CA	A 103381 B 103381	8.393 9.524	0.004 0.011	8.679	0.012	8.327	0.012		314.182 191 56 314.181 271 31	+12.992 721 46 +12.991 620 46	3.22 3.22	22.64 22.64	-8.57 -8.57	1.39 5.27	0.81 3.05	1.49 1.49	1.58 1.58	0.76 0.76	A	219.16		5.112	
20567+6237	1	F CA	A 103385 B 103385	9.954 12.351	0.013 0.113						314.187 075 77 314.186 860 39	+62.614 942 11 +62.614 901 62	1.63 1.63	-0.90 -0.90	-2.78 -2.78	2.15 20.80	1.75 20.27	1.35 1.35	1.27 1.27	1.33 1.33	A	248		0.39	
20568+6134	1	F CA	A 103394 B 103394	8.345 10.399	0.004 0.029	8.652	0.011	8.263	0.011		314.210 983 21 314.209 790 05	+61.560 771 80 +61.561 770 98	9.39 9.39	22.32 22.32	14.71 14.71	1.01 9.17	0.93 7.63	1.00 1.00	0.92 0.92	0.95 0.95	A	330.4		4.14	
20568-4452	1	F ND	A 103390 B 103390	11.682 13.680	0.028 0.167						314.197 386 42 314.197 177 78	-44.863 588 69 -44.863 708 45	17.00 17.00	17.79 17.79	35.88 35.88	5.42 73.67	4.14 49.56	5.64 5.64	4.52 4.52	2.87 2.87	A	231		0.69	



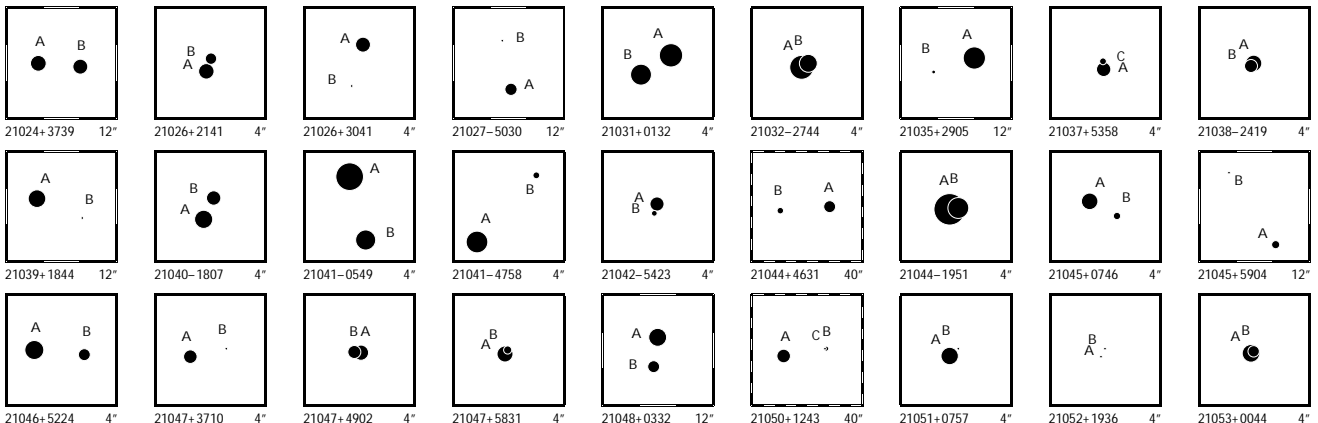
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20568-4840	1	F	C	A 103395 B 103395	8.108 0.005 10.935 0.058	8.268 0.010 10.982 0.193	8.033 0.011 10.042 0.109	314.212 378 53 314.213 931 53	-48.671 441 39 -48.671 355 19	4.15 4.15	-12.03 -12.03	5.44 5.44	1.11 0.87 1.24 1.44 0.80 13.45 10.53 1.24 1.44 0.80	A 85.2 3.71												
20569+1059	1	F	C	A 103402 B 103402	9.170 0.006 11.720 0.062			314.232 732 66 314.232 567 47	+10.976 182 65 +10.976 250 86	0.67 0.67	1.59 2.39 1.59 2.39	1.75 1.10 1.84 2.02 1.05 19.59 14.63 1.84 2.02 1.05	A 293 0.63													
20572+4110	1	F	C	A 103413 B 103413	4.070 0.008 6.402 0.067			314.293 387 79 314.293 330 83	+41.167 199 32 +41.167 146 91	9.17 9.17	8.51 -23.97 8.51 -23.97	0.90 1.07 0.51 0.41 0.47 7.72 9.05 0.51 0.41 0.47	A 219 0.24													
20573+4818	1	F	C	A 103428 B 103428	8.466 0.029 10.697 0.224			314.319 082 56 314.319 078 37	+48.295 763 99 +48.295 835 79	1.52 1.52	2.62 0.36 2.62 0.36	3.35 4.94 1.06 1.12 1.20 25.67 22.29 1.06 1.12 1.20	A 358 0.26													
20574+6251	1	F	C	A 103439 B 103439	8.180 0.095 9.742 0.399			314.343 529 08 314.343 456 06	+62.848 877 41 +62.848 897 68	2.62 2.62	7.87 1.16 7.87 1.16	6.21 3.47 0.58 0.54 0.57 19.96 15.22 0.58 0.54 0.57	A 301 0.14													
20574-5905	1	L	C	A 103438 B 103438	8.576 0.006 9.192 0.010	9.164 0.021 9.805 0.037	8.501 0.019 8.952 0.030	314.343 365 16 314.340 984 00	-59.075 825 10 -59.076 040 39	19.63 19.63	23.12 -58.51 12.16 -54.62	1.74 1.46 1.87 1.56 1.18 5.16 3.83 1.87 3.31 2.91	A 260.02 4.473 +0.07 +0.010													
20577+5849	1	F	C	A 103461 B 103461	8.377 0.005 9.159 0.010			314.419 504 80 314.419 344 59	+58.822 052 53 +58.821 922 29	2.18 2.18	5.26 3.44 5.26 3.44	1.16 1.32 1.16 1.09 1.31 3.07 3.42 1.16 1.09 1.31	A 212.5 0.556													
20577+6122	1	F	C	A 103454 B 103454	8.121 0.005 9.383 0.015	8.753 0.024	8.072 0.021	314.415 471 31 314.417 391 30	+61.360 189 72 +61.360 021 75	13.57 13.57	58.77 12.52 58.77 12.52	1.21 1.10 1.16 1.11 1.13 4.65 5.16 1.16 1.11 1.13	A 100.3 3.368													
20578-4402	1	F	C	A 103466 B 103466	9.183 0.011 12.427 0.208	9.605 0.017	9.154 0.018	314.440 649 22 314.439 911 03	-44.027 874 81 -44.028 036 09	8.16 8.16	63.03 -1.83 63.03 -1.83	2.55 1.80 2.68 2.73 1.42 61.66 56.41 2.68 2.73 1.42	A 253 2.00													
20578-7217	1	F	C	A 103470 B 103470	9.544 0.008 11.675 0.052	10.201 0.022	9.439 0.018	314.445 849 80 314.447 229 12	-72.288 237 73 -72.287 418 65	12.52 12.52	19.19 16.12 19.19 16.12	1.47 1.49 1.93 1.53 1.53 13.02 14.31 1.93 1.53 1.53	A 27.1 3.31													
20579-3743	1	F	C	A 103475 B 103475	9.691 0.015 10.010 0.019	9.841 0.031 10.005 0.034	9.570 0.035 9.839 0.043	314.464 366 64 314.462 739 76	-37.719 709 05 -37.718 692 86	4.30 4.30	19.47 -2.85 19.47 -2.85	3.07 2.23 3.23 3.74 2.48 5.87 5.23 3.23 3.74 2.48	A 308.3 5.90													
20582+3510	1	F	C	A 103505 B 103505	10.357 0.024 12.032 0.112	11.189 0.049	10.170 0.032	314.556 035 10 314.555 717 20	+35.174 943 61 +35.175 157 72	9.25 9.25	5.73 -15.85 5.73 -15.85	3.30 4.33 4.95 3.16 4.20 26.36 34.20 4.95 3.16 4.20	A 309 1.21													
20582+4011	1	F	C	A 103502 B 103502	11.157 0.064 12.460 0.211			314.547 025 82 314.547 089 02	+40.190 899 87 +40.190 820 64	25.55 25.55	234.65 201.09 234.65 201.09	5.00 7.26 2.42 1.95 2.44 20.80 25.41 2.42 1.95 2.44	A 149 0.33													
20583-4345	1	F	C	A 103517 B 103517	9.748 0.008 10.436 0.015	9.908 0.027 10.463 0.104	9.406 0.022 9.773 0.061	314.578 372 75 314.578 823 80	-43.751 827 39 -43.752 150 67	10.47 10.47	-7.90 15.60 -7.90 15.60	2.80 1.63 2.69 2.96 1.32 6.73 4.83 2.69 2.96 1.32	A 134.8 1.65													
20584+2619	1	F	C	A 103524 B 103524	9.861 0.187 10.619 0.377			314.604 210 94 314.604 197 88	+26.308 451 16 +26.308 502 22	-1.87 -1.87	-12.57 -5.64 -12.57 -5.64	5.66 22.91 1.37 1.12 1.00 10.14 19.15 1.37 1.12 1.00	A 347 0.19													
20585+5028	1	F	C	A 103530 B 103530	5.934 0.003 6.852 0.006	5.770 0.009 6.570 0.014	5.902 0.008 6.687 0.011	314.625 106 62 314.625 476 87	+50.461 783 08 +50.462 270 00	2.58 2.58	9.80 3.44 9.80 3.44	0.65 0.59 0.65 0.78 0.58 2.18 1.58 0.65 0.78 0.58	A 25.8 1.947													
20586+1626	1	I	C	A 103537 B 103533	7.507 0.014 8.724 0.030	7.426 0.007 8.634 0.013	7.516 0.008 8.654 0.017	314.634 302 50 314.630 131 08	+16.436 712 37 +16.435 583 56	-1.64 -3.21	-6.19 -12.67 -4.29 -12.23	2.49 1.85 2.85 2.52 1.71 10.48 7.14 7.00 6.30 4.05	A 254.24 14.97 0.00 0.00													
20587-6234	1	F	C	A 103541 B 103541	8.574 0.008 9.621 0.021			314.667 088 35 314.667 235 43	-62.564 542 00 -62.564 625 27	4.84 4.84	0.83 13.02 0.83 13.02	1.43 1.56 1.56 1.23 1.14 4.03 4.81 1.56 1.23 1.14	A 141 0.386													
20587-7025	1	F	C	A 103542 B 103542 C 103542	7.904 0.027 8.845 0.053 9.018 0.057	8.246 0.020	7.795 0.025	314.667 119 19 314.672 468 27 314.672 097 82	-70.422 192 86 -70.423 022 51 -70.422 809 08	10.12 10.12 10.12	2.47 10.67 2.47 10.67 2.47 10.67	3.63 3.95 5.66 3.95 3.91 11.56 10.90 5.66 3.95 3.91 13.70 13.69 5.66 3.95 3.91	A 114.8 7.11 B 330 0.89													
20591+0418	1	F	C	A 103569 B 103569 C 103571	6.066 0.024 6.419 0.031 7.371 0.074	7.784 0.014	7.275 0.012	314.768 928 95 314.768 677 93 314.771 570 32	+4.293 846 72 +4.293 916 26 +4.294 975 61	16.59 16.59 16.59	-113.43 -150.28 -113.43 -150.28 -113.43 -150.28	4.23 2.06 3.40 4.32 2.03 7.40 6.02 3.40 4.32 2.03 12.62 7.01 3.40 4.32 2.03	A 285.5 0.94 B 66.80 10.32													
20591-1313	1	F	C	A 103574 B 103574	9.381 0.089 9.411 0.091			314.772 376 76 314.772 437 94	-13.215 731 38 -13.215 699 69	2.68 2.68	20.99 -0.36 20.99 -0.36	9.69 5.06 1.53 1.61 1.23 10.75 5.67 1.53 1.61 1.23	A 62 0.24													
20593+0838	1	F	C	A 103586 B 103586	8.811 0.121 9.563 0.241			314.821 618 30 314.821 625 98	+8.637 707 47 +8.637 674 27	-0.05 -0.05	3.03 -9.26 3.03 -9.26	4.07 7.87 1.06 1.23 0.50 8.10 11.30 1.06 1.23 0.50	A 167 0.12													
20593+1534	1	F	C	A 103584 B 103584	8.518 0.004 9.396 0.008			314.818 542 76 314.818 424 83	+15.572 708 52 +15.572 797 89	2.90 2.90	9.31 -5.89 9.31 -5.89	1.39 0.97 1.58 1.29 0.83 3.05 2.02 1.58 1.29 0.83	A 308.2 0.520													
20594+3626	1	F	C	A 103594 B 103594	8.243 0.006 9.941 0.030			314.846 424 41 314.846 391 25	+36.428 832 25 +36.428 728 80	1.77 1.77	11.57 3.59 11.57 3.59	1.14 1.48 1.16 0.74 0.93 6.67 6.39 1.16 0.74 0.93	A 194 0.38													
20594-3031	1	F	C	A 103597 B 103597	7.713 0.214 9.503 1.112			314.855 252 13 314.855 226 18	-30.510 894 68 -30.510 873 52	5.15 5.15	16.23 -14.44 16.23 -14.44	9.73 9.81 1.00 1.23 0.84 35.12 30.94 1.00 1.23 0.84	A 313 0.11													
20595+5013	1	F	C	A 103604 B 103604	9.272 0.006 9.684 0.008	9.458 0.026 9.908 0.033	9.000 0.026 9.407 0.031	314.867 641 28 314.868 073 14	+50.211 553 28 +50.211 092 50	4.76 4.76	9.46 -9.85 9.46 -9.85	1.82 1.67 1.76 2.04 1.93 3.54 3.28 1.76 2.04 1.93	A 149.0 1.934													
20597+7417	1	F	C	A 103619 B 103619	8.234 0.004 11.896 0.124	9.314 0.015	8.171 0.010	314.915 518 50 314.918 524 22	+74.286 308 43 +74.285 404 47	3.93 3.93	16.38 35.03 16.38 35.03	0.84 0.81 0.88 0.78 0.73 29.22 30.08 0.88 0.78 0.73	A 138.0 4.38													



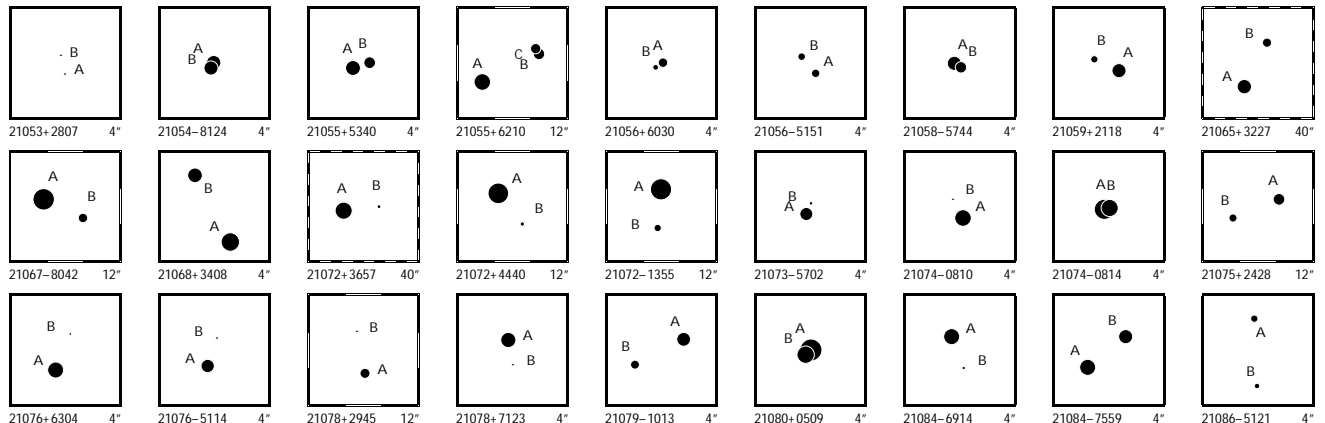
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20597-5211	1	L CA	A 103620 B 103620	9.012 9.508	0.148 0.234						314.917 634 06 314.917 696 87	-52.174 649 56 -52.174 615 55	23.42 23.42	164.16 -164.57 126.82 -165.65	11.89 10.34 1.40 16.01 13.35 1.40	6.06 2.40 8.80 3.64						A 49	0.18	-7	-0.03
20598+2004	1	F CA	A 103630 B 103630	9.196 9.764	0.007 0.011	9.380 10.134	0.022 0.056	9.100 9.700	0.025 0.062		314.951 508 86 314.950 582 03	+20.069 238 18 +20.068 962 23	5.60 5.60	28.22 4.25 28.22 4.25	1.74 1.36 2.05 5.03 3.23 2.05	1.88 1.30 1.88 1.30					A 252.4	3.29			
20598+4731	1	F CA	A 103632 E 103632	4.797 7.636	0.026 0.358						314.956 456 36 314.956 501 91	+47.520 941 88 +47.520 988 71	2.90 2.90	7.25 2.47 7.25 2.47	1.60 2.66 0.64 22.58 26.08 0.64	0.67 0.70 0.67 0.70					A 33	0.20			
20599+4015	1	F CB	A 103641 D 103641	6.722 10.796	0.002 0.095	7.256	0.005	6.655	0.005		314.979 580 38 314.979 171 57	+40.258 310 99 +40.257 868 37	25.60 25.60	232.32 210.00 232.32 210.00	0.54 0.62 0.72 25.54 29.79 0.72	0.60 0.66 0.60 0.66					A 215	1.95			
21000-5111	1	F CA	A 103647 B 103647	10.326 10.707	0.062 0.088						314.999 682 58 314.999 541 81	-51.181 313 18 -51.181 310 54	2.91 2.91	91.78 -79.75 91.78 -79.75	6.47 3.24 2.34 10.22 7.80 2.34	3.47 1.94 3.47 1.94					A 272	0.32			
21000-5326	1	F CA	A 103643 B 103643	9.148 10.314	0.245 0.718						314.989 656 12 314.989 680 78	-53.441 418 04 -53.441 388 08	4.81 4.81	-1.83 -28.91 -1.83 -28.91	6.16 13.76 1.23 27.62 32.92 1.23	1.42 0.85 1.42 0.85					A 26	0.12			
21001+0731	1	L CA	A 103652 B 103652	6.230 8.133	0.004 0.022						315.016 474 57 315.016 529 59	+7.516 179 86 +7.516 261 99	13.85 13.85	48.10 6.98 37.45 22.66	1.64 0.82 1.10 10.43 4.08 1.10	1.39 0.52 5.65 1.72					A 34	0.355	-3	+0.007	
21001+4004	1	F CA	P A 103655 B 103655	10.369 12.401	0.014 0.086						315.020 325 65 315.020 683 53	+40.070 879 12 +40.070 946 34	66.21 66.21	614.37 -247.16 614.37 -247.16	1.92 2.17 2.54 19.24 20.64 2.54	2.07 2.45 2.07 2.45					A 76	1.02			
21003+6130	1	F CA	A 103669 B 103669	7.849 10.770	0.006 0.084	8.996 11.343	0.013 0.095	7.800 10.431	0.008 0.063		315.072 376 42 315.080 432 78	+61.497 368 13 +61.498 411 45	4.52 4.52	-44.30 -26.30 -44.30 -26.30	0.94 0.89 0.95 27.39 19.47 0.95	0.88 0.81 0.88 0.81					A 74.8	14.34			
21007-3518	1	F CA	A 103687 B 103687	6.900 10.509	0.003 0.086						315.168 261 71 315.168 607 19	-35.291 736 35 -35.291 758 60	16.58 16.58	66.15 -65.56 66.15 -65.56	0.97 0.67 0.95 30.21 18.84 0.95	1.18 0.83 1.18 0.83					A 95	1.02			
21007-4111	1	F CA	A 103689 B 103689	8.792 10.955	0.014 0.105	9.177	0.012	8.704	0.012		315.169 790 62 315.169 627 01	-41.179 097 99 -41.178 740 14	7.66 7.66	39.48 -26.13 39.48 -26.13	2.14 1.43 2.23 16.79 10.96 2.23	1.57 1.00 1.57 1.00					A 341	1.36			
21008+4635	1	F CA	P A 103700 B 103700	7.375 9.326	0.014 0.040						315.207 729 34 315.207 379 10	+46.578 586 62 +46.578 430 66	3.28 3.28	2.10 -0.45 2.10 -0.45	0.87 0.91 1.00 6.42 6.49 1.00	0.91 0.90 0.91 0.90					A 237.1	1.03			
21008-0821	1	F CA	A 103699 B 103699	8.230 11.263	0.005 0.071	8.988	0.018	8.180	0.014		315.203 651 47 315.202 950 18	-8.342 934 65 -8.343 206 22	29.84 29.84	238.88 26.76 238.88 26.76	1.39 0.99 1.48 24.52 14.13 1.48	1.89 1.23 1.89 1.23					A 248.6	2.68			
21012+4609	1	F CB	P A 103732 B 103732	5.370 9.527	0.003 0.130	5.160	0.003	5.396	0.004		315.295 510 32 315.295 884 81	+46.155 764 88 +46.155 016 82	2.39 2.39	6.14 3.43 6.14 3.43	0.50 0.53 0.58 23.24 24.53 0.58	0.53 0.55 0.53 0.55					A 160.9	2.85			
21014+4037	1	F CA	A 103749 B 103749	7.310 10.680	0.004 0.087						315.358 694 98 315.358 550 15	+40.617 947 13 +40.618 036 68	19.29 19.29	50.75 1.19 50.75 1.19	0.83 0.90 0.84 16.79 21.15 0.84	0.69 0.78 0.69 0.78					A 309	0.51			
21014-7526	1	I CA	A 103745 B 103747	8.421 10.150	0.012 0.048	8.630 10.421	0.009 0.030	8.340 9.897	0.010 0.030		315.348 760 16 315.353 856 98	-75.424 865 98 -75.428 982 94	4.35 6.41	25.99 -16.79 21.40 -18.51	1.71 1.76 1.79 11.06 12.71 6.81	1.79 1.94 6.55 7.62					A 162.70	15.52	+0.02	0.00	
21015+6643	1	F CA	A 103758 B 103758	8.699 9.663	0.006 0.014	8.767	0.013	8.448	0.014		315.384 613 04 315.384 938 19	+66.709 322 46 +66.708 971 05	5.78 5.78	5.59 -19.77 5.59 -19.77	1.29 1.21 1.16 4.12 5.81 1.16	1.56 1.12 1.56 1.12					A 159.9	1.35			
21015-2748	1	F CA	A 103759 B 103759	7.899 10.500	0.005 0.053						315.386 781 03 315.386 920 13	-27.803 370 29 -27.803 423 56	2.75 2.75	8.33 8.10 8.33 8.10	1.86 1.62 1.77 21.15 24.62 1.77	1.92 1.44 1.92 1.44					A 113	0.48			
21016+4730	1	F FD	D A 103767 B 103767	8.083 11.820	0.008 0.235						315.411 078 65 315.411 114 88	+47.501 820 85 +47.501 669 94	14.62 14.62	99.25 45.94 99.25 45.94	1.12 1.61 1.01 46.90 24.13 1.01	1.10 0.89 1.10 0.89					A 171	0.55			
21017+2938	1	F CC	A 103775 B 103775	7.975 11.800	0.007 0.230	7.833 11.301	0.005 0.183	7.971 11.212	0.009 0.268		315.431 192 75 315.430 668 18	+29.630 139 79 +29.629 213 75	2.16 2.16	0.71 -5.05 0.71 -5.05	0.94 1.02 1.36 28.71 37.70 1.36	1.03 1.04 1.03 1.04					A 206.2	3.72			
21018+3916	1	F CA	A 103782 B 103782	7.994 8.783	0.004 0.009	8.073	0.016	7.668	0.015		315.458 651 68 315.458 300 46	+39.260 658 57 +39.260 900 86	5.25 5.25	-13.41 -18.41 -13.41 -18.41	0.86 0.98 1.10 2.68 3.87 1.10	0.93 1.03 0.93 1.03					A 317.2	1.188			
21019+2340	1	F CA	A 103791 B 103791	8.570 8.850	0.076 0.098						315.478 509 71 315.478 545 36	+23.665 913 93 +23.665 873 97	1.59 1.59	2.70 -9.73 2.70 -9.73	5.07 5.80 1.09 5.68 6.48 1.09	0.77 0.61 0.77 0.61					A 141	0.186			
21020+0346	1	F CA	A 103804 B 103804	7.995 11.429	0.004 0.083	8.408	0.011	7.931	0.010		315.508 536 75 315.508 300 46	+3.766 102 10 +3.765 507 16	10.26 10.26	10.02 -14.85 10.02 -14.85	1.36 0.68 1.29 27.23 16.28 1.29	1.39 0.63 1.39 0.63					A 202	2.30			
21022+0711	1	F CA	A 103813 B 103813	7.463 7.674	0.004 0.005	7.920 8.085	0.008 0.009	7.357 7.572	0.008 0.008		315.552 114 21 315.551 651 23	+7.179 800 89 +7.179 154 90	9.83 9.83	-5.55 -15.61 -5.55 -15.61	2.03 0.96 1.82 3.44 1.68 1.82	2.30 0.86 2.30 0.86					A 215.4	2.854			
21022+5640	1	F CA	A 103810 B 103810	6.284 6.911	0.003 0.005	6.057 6.582	0.013 0.017	6.152 6.637	0.011 0.020		315.537 485 12 315.537 403 30	+56.669 611 37 +56.670 062 18	4.47 4.47	9.75 1.14 9.75 1.14	0.64 0.56 0.62 1.74 1.63 0.62	0.65 0.57 0.65 0.57					A 354.3	1.631			
21023+2037	1	F CC	A 103817 B 103817	10.235 12.283	0.199 1.316						315.563 918 54 315.563 923 34	+20.623 936 06 +20.623 900 14	-1.27 -1.27	7.69 -15.71 7.69 -15.71	10.08 8.65 1.61 63.81 102.78 1.61	1.44 0.77 1.44 0.77					A 173	0.13			
21023+3931	1	F CA	A 103822 B 103822	6.611 9.298	0.009 0.088	8.389 9.690	0.009 0.019	6.622 9.486	0.004 0.024		315.587 320 37 315.581 407 75	+39.509 032 18 +39.511 589 07	2.31 2.31	2.01 1.09 2.01 1.09	0.53 0.58 0.70 19.52 22.07 0.70	0.56 0.65 0.56 0.65					A 299.3	18.83			



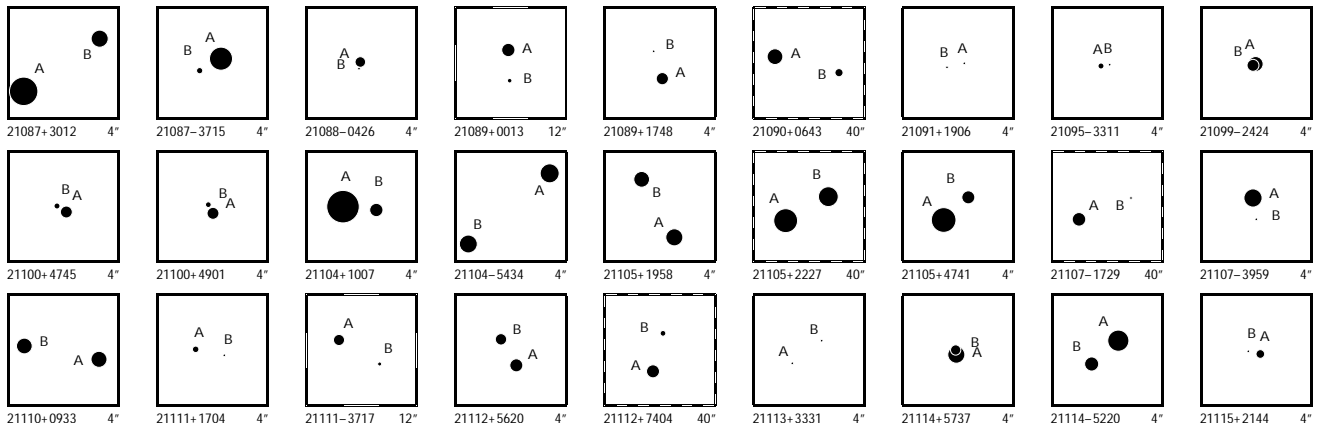
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21024+3739	1	FCA	A 103824 B 103824	8.546 0.005 8.687 0.006	9.204 0.016 9.409 0.020	8.417 0.013 8.526 0.016		315.591 512 57 +37.654 408 38 315.589 882 68 +37.654 300 11	22.83 22.83	-79.08 -222.19 -79.08 -222.19	1.35 1.77 1.75 1.32 1.71 2.65 3.58 1.75 1.32 1.71	A 265.20 4.662														
21026+2141	1	LCA	A 103852 B 103852	8.566 0.004 9.456 0.009				315.650 348 02 +21.691 171 63 315.650 301 50 +21.691 305 83	12.43 12.43	38.94 -31.87 44.88 -36.28	1.30 1.18 1.57 1.14 0.84 3.54 2.50 1.57 2.47 1.70	A 342.1 0.508 +0.5 -0.006														
21026+3041	1	FCC	A 103848 B 103848	8.691 0.009 12.541 0.291	9.228 0.013	8.597 0.012		315.643 899 45 +30.685 675 88 315.644 030 03 +30.685 256 49	3.97 3.97	-0.48 -2.42 -0.48 -2.42	1.19 1.47 1.93 1.45 1.51 53.53 71.43 1.93 1.45 1.51	A 165 1.56														
21027-5030	1	FFD	A 103855 B 103855	9.278 0.009 12.062 0.114	10.374 0.034	9.228 0.022		315.664 007 01 -50.493 078 12 315.664 409 87 -50.491 609 64	22.81 22.81	236.83 -102.30 236.83 -102.30	2.94 2.01 2.87 3.77 2.25 82.03 27.40 2.87 3.77 2.25	A 10 5.37														
21031+0132	1	LCA	A 103892 B 103892	6.830 0.005 7.398 0.008	6.996 0.021	6.495 0.020		315.762 868 78 +1.532 190 38 315.763 181 27 +1.531 988 82	15.17 15.17	-110.47 -53.03 -105.59 -40.97	1.45 0.90 1.26 1.31 0.75 4.71 1.79 1.26 3.22 1.10	A 122.8 1.338 -0.5 -0.002														
21032-2744	1	FCA	A 103902 B 103902	6.694 0.011 8.037 0.038				315.792 375 42 -27.731 514 00 315.792 297 50 -27.731 477 45	2.58 2.58	35.15 -36.35 35.15 -36.35	3.91 4.85 1.39 1.75 1.44 14.65 19.00 1.39 1.75 1.44	A 298 0.28														
21035+2905	1	FCC	A 103930 B 103930	7.056 0.005 11.137 0.187	8.152 0.007	6.997 0.005		315.873 057 29 +29.092 546 41 315.874 497 03 +29.092 316 97	5.31 5.31	-6.00 -19.28 -6.00 -19.28	0.75 0.77 1.01 0.80 0.81 41.20 40.06 1.01 0.80 0.81	A 108.8 4.79														
21037+5358	1	FCA	A 103946 C 103946	8.803 0.020 10.495 0.096				315.911 910 85 +53.963 941 03 315.911 930 58 +53.964 019 37	3.87 3.87	-0.59 -14.96 -0.59 -14.96	2.86 3.36 0.96 0.86 0.98 13.93 12.40 0.96 0.86 0.98	A 8 0.29														
21038-2419	1	FCA	A 103957 B 103957	8.407 0.213 9.120 0.119				315.950 987 42 -24.322 345 83 315.951 018 56 -24.322 316 10	10.08 10.08	21.46 -7.85 21.46 -7.85	15.93 41.22 1.12 1.18 1.06 40.44 78.81 1.12 1.18 1.06	A 132 0.14														
21039+1844	1	FCC	A 103970 B 103970	8.088 0.005 12.165 0.209	9.176 0.013	8.013 0.009		315.983 958 36 +18.735 047 50 315.982 504 79 +18.734 438 03	4.93 4.93	-3.36 -19.74 -3.36 -19.74	1.32 0.94 1.58 1.52 0.90 78.34 30.74 1.58 1.52 0.90	A 246.1 5.42														
21040-1807	1	FCA	A 103976 B 103976	7.985 0.004 8.820 0.008				316.006 479 45 -18.112 085 32 316.006 379 29 -18.111 865 86	5.52 5.52	-7.61 -31.81 -7.61 -31.81	2.01 1.44 2.00 2.27 2.05 4.60 3.23 2.00 2.27 2.05	A 336.5 0.861														
21041-0549	1	FCA	A 103981 B 103981	5.879 0.003 7.552 0.015	6.717 0.009	5.820 0.006		316.019 635 09 -5.823 049 08 316.019 461 17 -5.823 703 54	6.03 6.03	20.90 -7.01 20.90 -7.01	1.03 0.80 1.17 1.57 0.70 7.09 4.74 1.17 1.57 0.70	A 194.8 2.44														
21041-4758	1	FCA	A 103988 B 103988	7.200 0.004 10.485 0.079	8.570 0.011	7.158 0.006		316.033 781 13 -47.960 882 24 316.032 880 91 -47.960 198 71	3.26 3.26	14.44 -14.58 14.44 -14.58	0.97 0.88 1.12 1.11 0.78 15.49 17.99 1.12 1.11 0.78	A 318.6 3.28														
21042-5423	1	FCA	A 103999 B 103999	8.907 0.016 10.719 0.086				316.059 426 58 -54.387 064 91 316.059 466 43 -54.387 161 78	4.87 4.87	73.03 -11.42 73.03 -11.42	2.35 3.80 2.41 2.23 1.97 9.71 10.94 2.41 2.23 1.97	A 167 0.36														
21044+4631	1	FNB	A 104013 B 104013	9.336 0.029 10.571 0.079	9.280 0.016	9.296 0.023	10.508 0.048	316.088 390 76 +46.518 183 69 316.095 745 15 +46.517 875 59	-0.26 -0.26	-4.01 -5.20 -4.01 -5.20	1.81 1.78 2.06 1.81 1.67 18.23 17.73 2.06 1.81 1.67	A 93.5 18.25														
21044-1951	1	FCA	A 104019 B 104019	5.017 0.006 7.390 0.051				316.101 352 59 -19.854 931 22 316.101 254 25 -19.854 912 94	20.64 20.64	-39.01 -24.45 -39.01 -24.45	3.21 3.64 1.47 2.03 1.43 32.87 41.39 1.47 2.03 1.43	A 281 0.34														
21045+0746	1	FCA	A 104028 B 104028	8.343 0.005 10.351 0.027	8.628 0.013	8.194 0.013		316.135 543 56 +7.760 206 25 316.135 260 12 +7.760 053 97	3.97 3.97	0.89 -19.84 0.89 -19.84	1.42 1.20 1.61 1.82 1.20 10.15 7.87 1.61 1.82 1.20	A 241.5 1.15														
21045+5904	1	FCA	A 104021 B 104021	10.210 0.009 12.762 0.089	10.397 0.031	10.180 0.039		316.114 802 01 +59.072 510 71 316.117 590 11 +59.074 751 30	3.35 3.35	-3.48 -2.99 -3.48 -2.99	1.53 1.46 1.54 1.55 1.36 31.94 25.97 1.54 1.55 1.36	A 32.6 9.57														
21046+5224	1	FCA	A 104032 B 104032	7.812 0.003 9.382 0.014	7.702 0.008	7.756 0.010	9.025 0.031	316.144 719 92 +52.399 776 57 316.143 867 13 +52.399 730 10	3.95 3.95	8.73 4.59 8.73 4.59	0.90 0.79 0.90 0.96 0.73 4.32 5.21 0.90 0.96 0.73	A 264.9 1.881														
21047+3710	1	FCB	A 104040 B 104040	9.016 0.012 12.177 0.209	9.973 0.020	8.912 0.014		316.169 866 33 +37.163 120 87 316.169 405 12 +37.163 207 48	2.07 2.07	14.20 3.20 14.20 3.20	2.67 2.72 3.41 2.62 2.78 86.36 57.06 3.41 2.62 2.78	A 283 1.36														
21047+4902	1	FCA	A 104044 B 104044	8.626 0.027 9.104 0.042				316.180 873 62 +49.028 903 09 316.180 972 66 +49.028 908 57	1.03 1.03	-3.14 -6.85 -3.14 -6.85	3.27 2.32 0.79 0.85 0.72 4.71 4.23 0.79 0.85 0.72	A 85 0.235														
21047+5831	1	FCA	A 104038 B 104038	8.475 0.047 10.193 0.227				316.165 457 70 +58.520 571 05 316.165 403 47 +58.520 614 40	3.72 3.72	8.80 3.58 8.80 3.58	2.85 4.07 0.65 0.62 0.55 11.86 14.45 0.65 0.62 0.55	A 327 0.19														
21048+0332	1	FCA	A 104047 B 104047	8.043 0.006 9.378 0.022	8.639 0.013	7.999 0.011		316.187 966 54 +3.533 894 08 316.188 077 59 +3.532 968 66	16.05 16.05	15.46 -13.28 15.46 -13.28	2.58 1.24 2.41 3.15 1.17 12.00 5.54 2.41 3.15 1.17	A 173.2 3.355														
21050+1243	1	FNC	A 104067 B 104066 C 104066	8.992 0.035 10.938 0.179 11.423 0.266	9.912 0.030	8.917 0.020		316.259 190 06 +12.722 393 77 316.254 641 41 +12.723 175 34 316.254 768 54 +12.723 134 59	6.72 6.72 6.72	50.47 -7.15 50.47 -7.15 50.47 -7.15	2.26 1.56 2.25 2.45 1.88 35.16 32.71 2.25 2.45 1.88 53.75 48.35 2.25 2.45 1.88	A 280.0 16.22 B 108 0.47														
21051+0757	1	FCB	A 104075 B 104075	8.138 0.006 11.968 0.179				316.283 116 71 +7.945 655 95 316.283 026 66 +7.945 726 92	22.57 22.57	4.88 -89.05 4.88 -89.05	3.42 4.75 2.95 3.18 2.47 107.66 188.71 2.95 3.18 2.47	A 309 0.41														
21052+1936	1	FCB	A 104078 B 104078	12.300 0.091 12.838 0.150				316.289 195 78 +19.603 045 08 316.289 156 93 +19.603 127 95	18.60 18.60	-200.76 -567.33 -200.76 -567.33	6.08 6.49 4.99 5.22 3.63 20.89 19.93 4.99 5.22 3.63	A 336 0.33														
21053+0044	1	FCB	A 104090 B 104090	8.108 0.174 9.481 0.614				316.330 114 80 +0.727 058 50 316.330 088 84 +0.727 074 62	6.25 6.25	-9.71 13.07 -9.71 13.07	7.29 4.17 0.88 1.00 0.41 30.95 22.71 0.88 1.00 0.41	A 302 0.11														



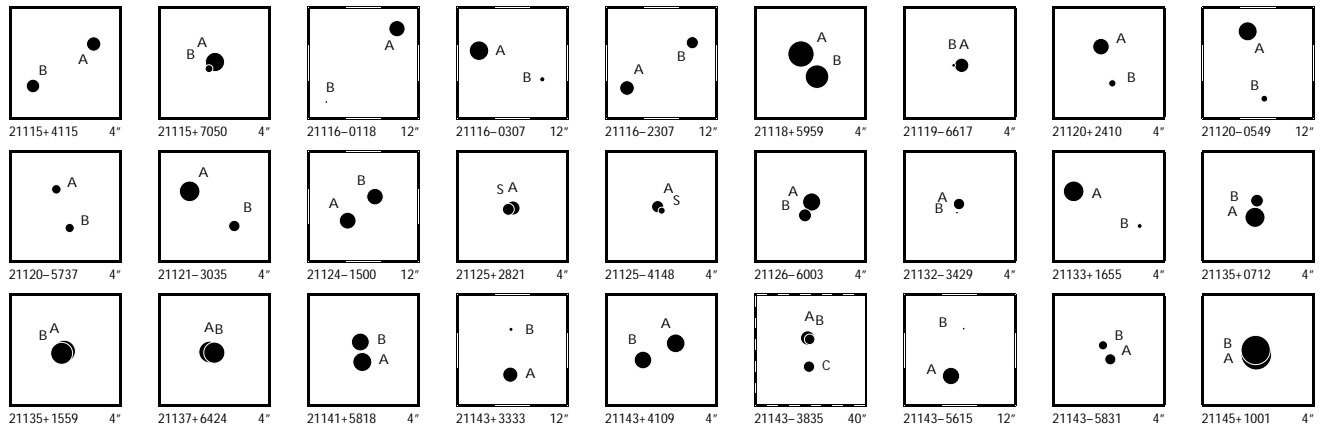
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21053+2807	1	FND	X	A 104093 B 104093	12.893 12.969	0.036 0.039					316.332 735 87 316.332 776 59	+28.121 417 36 +28.121 605 66	-4.00 -4.00	6.07 6.07	-36.41 -36.41	5.90 22.43	7.23 13.28	7.70 7.70	5.21 5.21	8.15 8.15	A 11	0.69			
21054-8124	1	FCA		A 104098 B 104098	8.812 8.862	0.051 0.054					316.347 880 25 316.348 089 41	-81.396 796 10 -81.396 851 36	2.34 2.34	-8.05 -8.05	8.54 8.54	3.86 4.44	5.27 5.68	0.91 0.91	0.86 0.86	0.74 0.74	A 150	0.229			
21055+5340	1	FCA		A 104107 B 104107	8.700 9.445	0.005 0.010					316.378 433 92 316.378 143 48	+53.668 202 52 +53.668 256 40	2.69 2.69	5.64 5.64	6.00 6.00	1.49 3.30	1.15 3.52	1.33 1.33	1.46 1.46	1.17 1.17	A 287.4	0.649			
21055+6210	1	FNB	G	A 104110 B 104110 C 104110	8.346 9.497 9.720	0.014 0.034 0.041	8.347 0014	8.271 0016			316.385 044 93 316.381 296 12 316.381 522 20	+62.158 859 58 +62.159 714 48 +62.159 893 99	3.62 3.62 3.62	3.45 3.45 3.45	6.82 6.82 6.82	1.57 5.92 7.08	1.43 5.69 6.92	1.45 1.45 1.45	1.42 1.42 1.42	1.28 1.28 1.28	A 296.0 B 30	7.01 0.75			
21056+6030	1	FCA		A 104113 B 104113	9.885 10.756	0.023 0.050					316.393 616 21 316.393 778 28	+60.492 639 15 +60.492 602 77	2.73 2.73	5.28 5.28	5.24 5.24	3.43 7.36	2.91 7.84	1.14 1.14	1.12 1.12	1.13 1.13	A 115	0.32			
21056-5151	1	FCA		A 104117 B 104117	10.152 10.301	0.010 0.012					316.404 892 80 316.405 117 07	+51.845 857 34 -51.845 691 28	10.27 10.27	14.82 14.82	27.84 27.84	3.47 6.97	3.28 5.21	4.34 4.34	5.49 5.49	4.99 4.99	A 40	0.78			
21058-5744	1	LCA		A 104129 B 104129	8.855 9.496	0.025 0.045					316.452 621 45 316.452 495 55	-57.736 399 07 -57.736 440 54	5.89 5.89	-14.22 -6.21	-1.68 2.85	3.45 5.83	2.57 4.87	1.43 1.43	1.32 2.20	1.12 1.94	A 238	0.284	0	-0.009	
21059+2118	1	FCA		A 104134 B 104134	8.906 10.408	0.004 0.016					316.480 182 58 316.480 458 69	+21.303 682 29 +21.303 797 11	1.86 1.86	8.05 8.05	-5.79 -5.79	1.20 5.55	1.08 4.02	1.70 1.70	1.63 1.63	1.10 1.10	A 65.9	1.01			
21065+3227	1	LCA		A 104182 B 104180	8.805 9.988	0.014 0.034	9.558 0013 10.519 0035	8.686 0011 10.012 0034			316.615 280 83 316.612 467 33	+32.453 289 92 +32.457 802 58	10.32 5.84	-4.60 8.90	-39.40 -0.73	1.86 11.28	2.25 13.48	2.59 7.40	2.10 9.64	2.26 11.14	A 332.25	18.36	+0.09	+0.03	
21067-8042	1	FCA		A 104206 B 104206	7.289 9.912	0.003 0.031	7.547 0006 10.274 0038	7.231 0006 9.551 0032			316.682 484 70 316.675 065 69	-80.697 751 89 -80.698 322 76	11.79 11.79	59.44 59.44	-140.79 -140.79	0.62 7.26	0.62 7.35	0.72 0.72	0.70 0.70	0.67 0.67	A 244.5	4.78			
21068+3408	1	LCA		A 104210 B 104210	7.932 8.744	0.005 0.010	8.088 0008 9.043 0013	7.846 0008 8.624 0013			316.694 898 86 316.695 337 04	+34.132 333 22 +34.133 016 97	6.77 6.77	3.64 61.26	-25.56 42.42	0.97 3.11	1.26 4.45	1.55 1.55	0.84 2.70	1.19 3.58	A 27.9	2.786	+0.4	+0.087	
21072+3657	1	LCA		A 104242 B 104242	8.199 11.182	0.005 0.076	8.147 0006 11.498 0087	8.166 0008 10.746 0071			316.801 081 20 316.796 551 20	+36.950 157 00 +36.950 543 03	1.23 1.23	2.71 -28.32	0.74 -24.04	0.78 18.67	1.01 24.71	1.05 1.05	0.63 10.46	0.86 13.42	A 276.1	13.11	-0.1	+0.03	
21072+4440	1	FCA		A 104250 B 104250	7.427 11.027	0.003 0.083	7.325 0006 10.746 0071	7.409 0008 10.746 0071			316.812 210 11 316.811 184 28	+44.674 076 50 +44.673 149 34	3.34 3.34	5.43 5.43	1.94 1.94	0.78 27.23	0.65 21.71	0.81 0.81	0.98 0.98	0.66 0.66	A 218.2	4.25			
21072-1355	1	LCA		A 104239 B 104239	7.334 10.372	0.004 0.050	8.308 0009 11.474 0182	7.284 0008 9.993 0080			316.792 295 38 316.792 397 72	-13.922 816 46 -13.924 009 37	56.67 56.67	382.32 362.11	-46.55 -32.74	1.22 28.29	0.77 10.40	1.18 1.18	1.31 1.68	0.60 5.14	A 175.2	4.309	+0.3	-0.015	
21073-5702	1	FCA		A 104256 B 104256	9.109 11.216	0.010 0.071					316.822 871 77 316.822 796 27	-57.032 047 46 -57.031 934 89	18.69 18.69	33.01 33.01	-115.28 -115.28	1.70 12.15	2.08 13.28	2.07 2.07	1.52 1.52	1.11 1.11	A 340	0.43			
21074-0810	1	FCA		A 104271 B 104271	8.366 11.457	0.004 0.074					316.854 035 69 316.854 138 96	-8.164 296 37 -8.164 111 66	4.24 4.24	19.20 19.20	4.36 4.36	1.35 34.41	0.85 12.12	1.51 1.51	1.90 1.90	0.79 0.79	A 29	0.76			
21074-0814	1	FCA		A 104272 B 104272	7.555 8.238	0.068 0.128					316.859 534 68 316.859 475 33	-8.234 877 29 -8.234 874 38	7.50 7.50	-20.90 -20.90	-9.96 -9.96	8.60 11.82	2.40 5.69	1.09 1.09	1.33 1.33	0.55 0.55	A 273	0.21			
21075+2428	1	FCA		A 104275 B 104275	9.424 10.179	0.005 0.010	9.393 0012 10.250 0027	9.273 0015 9.805 0029			316.872 331 63 316.873 917 26	+24.474 873 68 +24.474 306 75	2.50 2.50	4.79 4.79	-4.22 -4.22	2.35 4.20	1.54 3.64	2.59 2.59	2.77 2.77	1.48 1.48	A 111.45	5.582			
21076+6304	1	FCB		A 104280 B 104280	8.473 11.524	0.009 0.145	9.429 0019	8.384 0013			316.889 403 83 316.889 097 16	+63.070 707 53 +63.071 074 21	2.71 2.71	-6.00 -6.00	-22.72 -22.72	1.25 27.29	1.28 29.92	1.34 1.34	1.16 1.16	1.16 1.16	A 339	1.41			
21076-5114	1	FCC		A 104287 B 104287	9.030 12.548	0.013 0.325	9.454 0019	8.910 0017			316.906 865 46 316.906 709 76	-51.224 983 62 -51.224 699 29	11.20 11.20	28.46 28.46	-53.14 -53.14	2.25 56.22	1.87 75.19	2.52 2.52	2.85 2.85	1.80 1.80	A 341	1.08			
21078+2945	1	FNC		A 104304 B 104304	9.759 13.612	0.012 0.398	10.884 0048	9.721 0028			316.951 178 51 316.951 440 84	+29.756 786 55 +29.758 093 52	28.53 28.53	87.83 87.83	-247.65 -247.65	1.63 105.28	1.45 94.55	2.23 2.23	1.96 1.96	1.34 1.34	A 10	4.78			
21078+7123	1	FCB		A 104302 B 104302	8.633 12.257	0.007 0.199					316.945 445 29 316.945 315 16	+71.381 812 33 +71.381 560 79	2.18 2.18	11.73 11.73	15.42 15.42	1.20 40.80	1.12 40.47	1.14 1.14	1.47 1.47	1.12 1.12	A 189	0.92			
21079-1013	1	FCA		A 104310 B 104310	8.933 10.047	0.006 0.017	9.331 0019 10.118 0045	8.747 0017 9.567 0043			316.970 344 07 316.970 851 93	-10.211 314 74 -10.211 572 41	10.37 10.37	-111.19 -111.19	-112.58 -112.58	2.02 6.85	1.04 4.36	2.19 2.19	2.61 2.61	0.88 0.88	A 117.3	2.02			
21080+0509	1	FCA		A 104324 B 104324	7.140 8.136	0.016 0.039					317.002 821 98 317.002 875 29	+5.151 670 06 +5.151 625 22	4.20 4.20	-18.27 -18.27	-16.50 -16.50	2.62 6.49	3.89 9.96	1.31 1.31	1.42 1.42	1.10 1.10	A 130	0.25			
21084-6914	1	FCA		A 104352 B 104352	8.439 11.265	0.007 0.086	8.764 0009	8.336 0009			317.105 035 93 317.104 709 60	-69.233 714 59 -69.234 034 31	8.58 8.58	34.81 34.81	-36.60 -36.60	0.92 13.35	0.92 15.65	1.21 1.21	0.96 0.96	1.00 1.00	A 200	1.22			
21084-7559	1	FCA		A 104349 B 104349	8.483 8.857	0.005 0.007	8.926 0018 9.232 0018	8.315 0018 8.672 0027			317.099 442 24 317.097 816 55	-75.980 063 26 -75.979 749 70	10.80 10.80	62.33 62.33	-66.65 -66.65	1.33 2.33	1.30 2.75	1.69 1.69	1.43 1.43	1.43 1.43	A 308.5	1.812			
21086-5121	1	FCA		A 104370 B 104370	10.362 10.804	0.012 0.018	10.347 0052 10.488 0063	9.771 0040 9.909 0069			317.161 462 38 317.161 417 34	-51.352 686 42 -51.353 371 41	13.95 13.95	1.89 1.89	9.09 9.09	3.39 6.95	2.69 7.40	3.66 3.66	4.25 4.25	2.16 2.16	A 182.4	2.47			



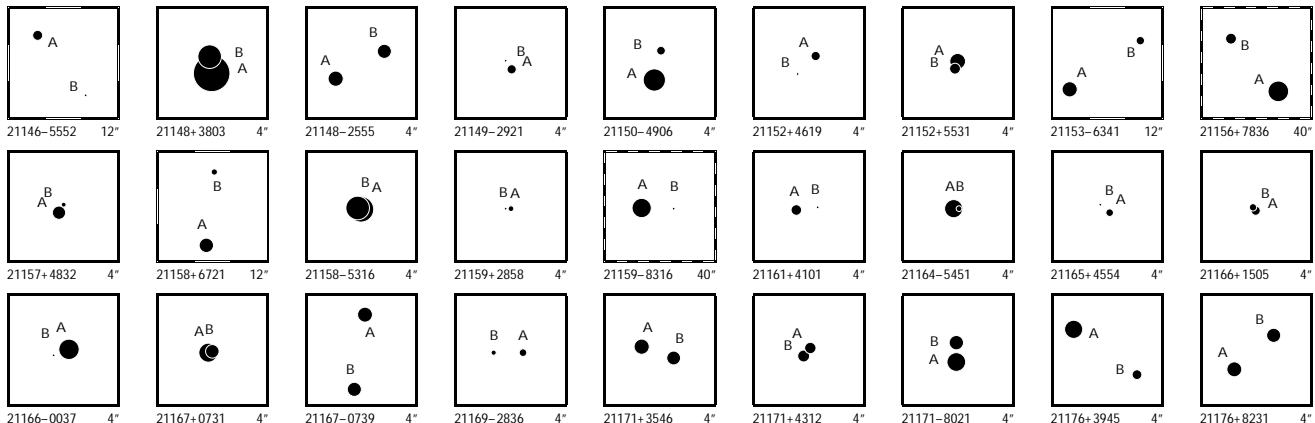
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
21087+3012	1	FCA	P	A 104371 B 104371	5.693 0.003 8.237 0.022	5.589 0.004 8.404 0.026	5.679 0.005 8.096 0.028	317.161 969 97 317.161 066 63	+30.205 687 97 +30.206 230 42	7.35 7.35	25.35 25.35	-20.78 -20.78	0.49 0.54 0.70 4.42 5.00 0.70	0.51 0.51 0.51 0.51	A 304.8	3.422											
21087-3715	1	FCA	A	A 104374 B 104374	6.894 0.002 10.629 0.068			317.171 974 14 317.172 247 67	-37.242 689 33 -37.242 812 10	5.42 5.42	17.89 17.89	-3.58 -3.58	0.97 0.63 1.00 48.74 21.13 1.00	1.04 0.53 1.04 0.53	A 119	0.90											
21088-0426	1	FCA	A	A 104383 B 104383	9.639 0.036 12.137 0.360			317.189 641 62 317.189 664 27	-4.426 843 08 -4.426 913 41	37.91 37.91	-75.36 -75.36	-33.09 -33.09	3.38 6.52 2.28 35.89 34.78 2.28	3.46 1.37 3.46 1.37	A 162	0.27											
21089+0013	1	FCA	A	A 104390 B 104390	9.070 0.005 10.967 0.026	9.834 0.023	8.989 0.018	317.220 030 66 317.219 992 62	+0.214 974 72 +0.214 032 44	14.65 14.65	108.02 108.02	-51.19 -51.19	1.53 1.02 1.60 9.00 6.61 1.60	1.80 1.05 1.80 1.05	A 182.3	3.39											
21089+1748	1	FCA	A	A 104393 B 104393	9.279 0.017 11.694 0.157	10.977 0.051	9.249 0.019	317.231 356 75 317.231 445 14	+17.797 214 23 +17.797 497 67	1.72 1.72	-13.76 -13.76	-6.37 -6.37	2.92 1.90 3.18 36.61 21.32 3.18	3.55 2.05 3.55 2.05	A 17	1.06											
21090+0643	1	ICA	G	A 104399 B 104397	8.501 0.029 10.214 0.108	8.796 0.016	8.411 0.016	317.248 499 69 317.241 939 33	+6.723 460 67 +6.721 803 03	23.67 17.48	-27.50 -45.56	15.05 8.10	37.95 17.04 9.05 19.60 17.48 14.95	11.34 7.38 19.39 13.30	A 255.73	24.20	-0.01	+0.02									
21091+1906	1	LND	D	B 104416 A 104416	11.992 0.019 12.026 0.020			317.282 181 05 317.281 989 48	+19.096 709 84 +19.096 744 96	-0.38 -0.38	-21.79 -26.05	6.56 -5.91	10.53 14.68 5.44 7.30 4.96 5.44	7.32 8.49 5.44 6.80 5.22	B 281	0.66	-1	0.00									
21095-3311	1	FCA	A	A 104446 B 104446	10.705 0.071 12.061 0.247			317.368 903 02 317.368 808 17	-33.181 062 40 -33.181 049 87	1.17 1.17	70.13 70.13	-1.11 -1.11	12.23 15.50 3.74 48.16 58.82 3.74	4.10 1.62 4.10 1.62	A 279	0.29											
21099-2424	1	FCA	A	A 104476 B 104476	8.710 0.213 9.335 0.378			317.464 854 35 317.464 886 60	-24.400 733 59 -24.400 751 85	19.28 19.28	-3.14 -3.14	18.58 18.58	11.53 7.90 1.19 18.60 14.33 1.19	1.21 0.56 1.21 0.56	A 122	0.12											
21100+4745	1	FCA	A	A 104485 B 104485	9.350 0.009 10.704 0.033			317.496 424 52 317.496 564 37	+47.745 531 63 +47.745 591 16	0.95 0.95	-6.33 -6.33	-8.30 -8.30	2.05 1.90 1.58 8.46 8.36 1.58	1.78 1.50 1.78 1.50	A 58	0.40											
21100+4901	1	FCA	A	A 104484 B 104484	9.332 0.023 10.721 0.084			317.496 337 01 317.496 402 88	+49.019 021 80 +49.019 105 35	-1.15 -1.15	-2.71 -2.71	-3.59 -3.59	2.71 3.92 1.30 9.78 10.71 1.30	1.32 1.25 1.32 1.25	A 27	0.34											
21104+1007	1	FCB	A	A 104521 B 104521	4.803 0.003 9.054 0.127	5.060 0.004	4.741 0.003	317.585 296 17 317.584 942 53	+10.131 948 61 +10.131 913 74	28.38 28.38	49.07 49.07	-151.85 -151.85	0.74 0.72 0.90 44.40 27.28 0.90	0.90 0.64 0.90 0.64	A 264	1.26											
21104-5434	1	LCA	A	A 104526 B 104526	7.820 0.007 8.033 0.008	8.436 0.017	7.711 0.018	317.605 107 91 317.606 541 71	-54.573 692 41 -54.574 414 91	30.93 30.93	129.66 134.84	-26.86 -35.01	1.51 1.32 1.43 3.36 2.26 1.43	1.57 1.13 3.60 2.00	A 131.00	3.964	+0.04	+0.009									
21105+1958	1	FCA	A	A 104533 B 104533	8.213 0.007 8.536 0.009	8.614 0.014 8.877 0.015	8.108 0.013 8.405 0.016	317.626 465 51 317.626 816 67	+19.959 369 82 +19.959 967 29	5.91 5.91	-9.28 -9.28	-19.52 -19.52	1.83 1.29 2.15 3.77 3.53 2.15	2.31 1.20 2.31 1.20	A 28.9	2.46											
21105+2227	1	ICA	A	A 104539 B 104536	6.726 0.016 7.632 0.030	6.701 0.004 7.854 0.009	6.671 0.007 7.660 0.013	317.633 583 51 317.628 843 93	+22.454 664 35 +22.457 134 22	1.61 2.88	22.87 23.21	-13.12 -11.91	1.65 1.54 1.86 9.67 9.14 5.72	1.85 1.91 5.56 5.46	A 299.42	18.10	0.00	0.00									
21105+4741	1	FCA	A	A 104537 B 104537	6.563 0.003 9.097 0.028	6.467 0.004	6.490 0.004	317.629 003 08 317.628 630 75	+47.692 232 84 +47.692 466 00	2.17 2.17	-4.08 -4.08	-3.66 -3.66	0.57 0.58 0.64 6.74 6.27 0.64	0.67 0.55 0.67 0.55	A 312.9	1.23											
21107-1729	1	FNC	A	A 104553 B 104551	8.980 0.033 12.513 0.691	9.376 0.020	8.980 0.021	317.682 508 34 317.676 937 11	-17.475 611 99 -17.473 517 34	5.02 5.02	-31.70 -31.70	-51.85 -51.85	2.80 1.70 2.77 277.22 133.34 2.77	4.04 1.40 4.04 1.40	A 292	20.56											
21107-3959	1	FCA	A	A 104555 B 104555	7.977 0.004 11.588 0.099			317.686 496 48 317.686 455 63	-39.975 039 71 -39.975 264 76	1.77 1.77	12.08 12.08	-38.97 -38.97	1.14 0.86 1.25 39.78 27.98 1.25	1.13 0.66 1.25 1.13 0.66	A 188	0.82											
21110+0933	1	FCA	A	A 104570 B 104570	8.471 0.009 8.512 0.010	8.460 0.019	8.225 0.021	317.747 138 04 317.747 911 52	+9.549 424 29 +9.549 560 95	5.62 5.62	21.11 21.11	5.76 5.76	2.33 2.86 2.33 4.16 4.02 2.33	2.52 2.83 2.52 2.83	A 79.8	2.79											
21111+1704	1	FCA	A	A 104581 B 104581	10.577 0.010 11.686 0.027			317.771 508 50 317.771 199 88	+17.061 405 86 +17.061 336 80	10.41 10.41	185.08 185.08	-37.50 -37.50	2.69 2.04 3.22 10.49 7.63 3.22	2.91 2.12 2.91 2.12	A 256.8	1.09											
21111-3717	1	FCA	A	A 104582 B 104582	9.558 0.008 11.075 0.030	9.922 0.037 11.620 0.166	9.452 0.039 11.030 0.164	317.782 908 19 317.781 339 88	-37.283 538 75 -37.284 284 51	2.25 2.25	17.26 17.26	3.62 3.62	2.42 1.56 2.43 11.54 8.86 2.43	2.56 1.25 2.56 1.25	A 239.1	5.23											
21112+5620	1	FCA	A	A 104589 B 104589	9.109 0.008 9.465 0.011			317.799 168 21 317.799 445 32	+56.341 186 25 +56.341 456 00	0.13 0.13	-3.44 -3.44	-5.48 -5.48	1.78 1.71 1.81 4.13 4.38 1.81	1.70 1.53 1.70 1.53	A 29.7	1.12											
21112+7404	1	FCA	A	A 104584 B 104584	9.098 0.012 10.738 0.048	9.793 0.026 11.475 0.099	9.040 0.020 10.615 0.073	317.788 188 16 317.784 598 51	+74.058 462 91 +74.062 325 02	4.53 4.53	13.02 13.02	11.24 11.24	1.32 1.36 1.41 9.63 13.06 1.41	1.24 1.49 1.24 1.49	A 345.68	14.35											
21113+3331	1	FNC	A	A 104596 B 104596	11.962 0.027 12.863 0.062			317.819 589 41 317.819 216 86	+33.523 861 83 +33.524 090 94	9.67 9.67	503.73 503.73	155.05 155.05	2.68 4.03 5.39 17.33 24.62 5.39	2.89 4.45 2.89 4.45	A 306	1.39											
21114+5737	1	FCA	A	A 104605 B 104605	8.192 0.059 9.733 0.242			317.850 736 10 317.850 751 78	+57.620 409 58 +57.620 455 65	1.66 1.66	-3.08 -3.08	-4.62 -4.62	3.44 4.98 0.69 14.00 16.11 0.69	0.66 0.66 0.66 0.66	A 10	0.17											
21114-5220	1	LCA	P	A 104604 B 104604	7.328 0.009 8.909 0.036	7.772 0.012	7.152 0.010	317.845 020 64 317.845 466 53	-52.339 291 97 -52.339 532 47	20.47 20.47	-16.30 6.16	18.40 32.11	2.21 1.70 2.08 19.08 8.48 2.08	2.17 1.38 13.72 4.63	A 131.4	1.31	-1.1	+0.01									
21115+2144	1	FCA	A	A 104612 B 104612	10.050 0.010 11.774 0.046			317.870 550 85 317.870 692 31	+21.733 607 85 +21.733 637 01	11.98 11.98	-75.13 -75.13	-51.06 -51.06	2.08 1.54 2.01 12.42 9.90 2.01	1.72 1.53 1.72 1.53	A 77	0.48											



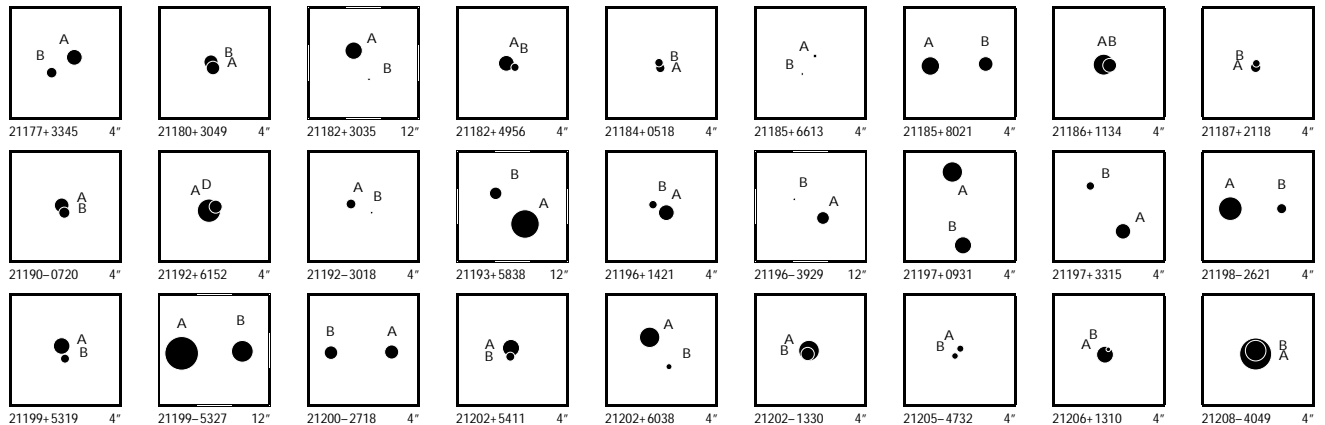
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21115+4115	1	LCA	A 104614 B 104614	8.803 0.007 8.996 0.008	9.163 0.017 9.390 0.017	8.648 0.017 8.851 0.020	317.878 725 42 +41.241 428 41 317.879 559 72 +41.241 000 55	10.79 10.79	-7.66 -54.24 -13.15 -55.40	1.51 1.55 1.63 1.32 1.35 2.76 3.52 1.63 1.87 2.09	A 124.29 2.734 +0.08 -0.004														
21115+7050	1	FCA	A 104615 B 104615	7.711 0.014 10.249 0.142			317.885 009 78 +70.825 397 53 317.885 198 56 +70.825 334 22	9.36 9.36	16.08 -28.31 16.08 -28.31	2.19 2.11 0.77 1.01 0.73 16.90 14.36 0.77 1.01 0.73	A 136 0.32														
21116-0118	1	FCB	A 104616 B 104616	8.412 0.007 11.469 0.114	8.834 0.018	8.343 0.017	317.887 768 31 -1.300 237 70 317.889 954 98 -1.302 487 08	8.23 8.23	62.33 12.39 62.33 12.39	2.13 1.02 1.67 2.56 1.12 48.57 21.75 1.67 2.56 1.12	A 135.8 11.29														
21116-0307	1	FCA	A 104622 B 104622	7.695 0.003 10.838 0.058	8.912 0.012	7.633 0.008	317.901 953 92 -3.120 194 61 317.899 990 83 -3.121 075 16	3.55 3.55	18.39 -12.02 18.39 -12.02	1.33 0.81 1.29 1.65 0.77 28.71 17.16 1.29 1.65 0.77	A 245.8 7.74														
21116-2307	1	FCA	A 104619 B 104619	8.781 0.008 9.286 0.012	9.178 0.016	8.661 0.016	317.892 571 11 -23.112 736 36 317.890 361 31 -23.111 365 38	5.91 5.91	-9.67 -12.61 -9.67 -12.61	2.36 1.77 2.32 3.08 1.19 5.33 3.52 2.32 3.08 1.19	A 304.00 8.826														
21118+5959	1	FCA	A 104642 B 104642	6.166 0.003 6.779 0.006			317.951 001 95 +59.986 619 23 317.950 672 08 +59.986 383 74	0.36 0.36	-2.90 -3.58 -2.90 -3.58	0.66 0.65 0.67 0.59 0.59 1.75 1.78 0.67 0.59 0.59	A 215.0 1.035														
21119-6617	1	FCA	A 104650 B 104650	8.840 0.026 11.136 0.216			317.984 239 87 -66.283 208 48 317.984 426 29 -66.283 205 75	2.43 2.43	11.92 -10.94 11.92 -10.94	4.53 3.96 1.71 0.98 1.16 25.34 30.53 1.71 0.98 1.16	A 88 0.27														
21120+2410	1	FCA	A 104660 B 104660	8.328 0.005 10.359 0.032	8.819 0.010	8.167 0.009	317.996 845 02 +24.167 900 23 317.996 718 72 +24.167 520 46	17.95 17.95	438.91 109.88 438.91 109.88	1.02 0.91 1.44 1.18 1.06 6.52 7.10 1.44 1.18 1.06	A 196.9 1.43														
21120-0549	1	FCA	A 104657 B 104657	7.818 0.004 10.519 0.050	9.115 0.014 11.135 0.079	7.762 0.009 10.511 0.074	317.994 056 12 -5.813 616 39 317.993 553 39 -5.815 699 35	3.40 3.40	8.77 2.23 8.77 2.23	1.29 0.79 1.29 1.71 0.78 20.55 9.48 1.29 1.71 0.78	A 193.5 7.71														
21120-5737	1	FCA	A 104662 B 104662	9.927 0.014 9.989 0.015	9.869 0.041 9.790 0.035	9.486 0.035 9.355 0.033	318.001 117 18 -57.623 814 61 318.000 854 54 -57.624 202 91	1.77 1.77	3.54 -16.62 3.54 -16.62	2.26 2.16 2.84 2.14 1.65 4.74 4.41 2.84 2.14 1.65	A 199.9 1.49														
21121-3035	1	FCA	A 104673 B 104673	7.428 0.003 9.454 0.020	7.822 0.008 9.607 0.029	7.364 0.008 9.049 0.037	318.030 799 17 -30.589 236 82 318.030 269 51 -30.589 587 96	11.20 11.20	-0.91 -33.36 -0.91 -33.36	1.20 0.99 1.24 1.31 0.69 8.74 6.13 1.24 1.31 0.69	A 232.4 2.07														
21124-1500	1	LCA	A 104687 B 104687	8.276 0.006 8.332 0.006	8.875 0.042 8.922 0.046	8.170 0.037 8.126 0.038	318.094 000 19 -15.000 004 22 318.093 124 26 -14.999 277 83	20.87 20.87	78.03 -39.58 71.48 -35.00	2.35 1.45 1.99 2.14 0.96 3.72 2.34 1.99 2.96 1.37	A 310.65 4.014 -0.01 +0.008														
21125+2821	1	FCA	A 104701 S 104701	8.865 0.068 9.385 0.110			318.129 587 79 +28.344 209 46 318.129 647 47 +28.344 198 62	9.74 9.74	23.84 -10.53 23.84 -10.53	6.81 4.41 1.02 0.84 0.55 9.25 7.10 1.02 0.84 0.55	A 102 0.19														
21125-4148	1	FCA	A 104704 S 104704	9.288 0.070 10.444 0.203			318.135 640 84 -41.806 856 04 318.135 582 32 -41.806 903 32	6.25 6.25	92.00 -92.03 92.00 -92.03	9.59 6.48 2.01 1.48 1.23 29.15 17.80 2.01 1.48 1.23	A 223 0.23														
21126-6003	1	FCA	A 104705 B 104705	7.979 0.005 9.112 0.014			318.143 955 79 -60.048 652 25 318.144 089 31 -60.048 792 51	6.38 6.38	13.30 -25.31 13.30 -25.31	1.28 1.30 1.58 1.64 1.03 4.47 3.87 1.58 1.64 1.03	A 154.6 0.559														
21132-3429	1	FCA	A 104746 B 104746	9.501 0.014 11.642 0.096			318.310 968 29 -34.490 561 46 318.310 999 06 -34.490 655 44	11.41 11.41	48.25 -9.66 48.25 -9.66	2.90 2.55 2.24 3.27 1.22 19.57 14.99 2.24 3.27 1.22	A 165 0.35														
21133+1655	1	FCB	A 104748 B 104748	7.463 0.006 10.918 0.146	9.097 0.018	7.464 0.009	318.319 146 83 +16.919 000 58 318.318 435 74 +16.918 646 24	3.82 3.82	-20.22 5.46 -20.22 5.46	0.99 0.97 1.13 1.16 0.88 53.14 45.05 1.13 1.16 0.88	A 242 2.76														
21135+0712	1	FCA	A 104767 B 104767	7.536 0.004 9.180 0.015			318.363 492 09 +7.218 028 21 318.363 467 14 +7.218 197 15	11.48 11.48	26.23 -5.57 26.23 -5.57	1.25 1.45 1.22 1.58 1.33 6.12 5.04 1.22 1.58 1.33	A 352 0.615														
21135+1559	1	FCA	A 104771 B 104771	7.052 0.184 7.128 0.197			318.369 839 27 +15.982 461 78 318.369 870 87 +15.982 439 89	11.17 11.17	36.00 -22.94 36.00 -22.94	11.89 11.17 0.85 0.90 0.62 10.49 9.66 0.85 0.90 0.62	A 126 0.13														
21137+6424	1	LCA	A 104788 B 104788	7.205 0.045 7.333 0.051			318.426 974 71 +64.404 209 96 318.426 849 35 +64.404 206 31	24.16 24.16	1.02 -113.84 35.26 -95.96	4.78 2.97 0.48 1.40 1.93 4.79 3.33 0.48 1.50 2.15	A 266 0.195 +5 -0.035														
21141+5818	1	LCA	A 104812 B 104812	7.815 0.004 8.043 0.004			318.520 464 86 +58.297 201 14 318.520 489 19 +58.297 408 10	7.73 7.73	-12.72 -19.05 -16.53 -20.46	1.16 1.52 1.24 1.00 1.23 2.10 2.11 1.24 1.30 1.41	A 3.5 0.746 -0.3 -0.002														
21143+3333	1	FCA	A 104837 B 104837	8.647 0.006 11.093 0.050	8.816 0.007	8.588 0.008	318.569 050 57 +33.551 150 04 318.569 052 98 +33.552 553 91	6.56 6.56	9.26 -8.33 9.26 -8.33	0.82 1.17 1.71 0.93 1.25 9.29 14.63 1.71 0.93 1.25	A 0.1 5.05														
21143+4109	1	FCA	A 104844 B 104844	7.865 0.005 8.122 0.006			318.578 520 03 +41.146 734 41 318.578 962 93 +41.146 564 15	5.21 5.21	32.26 17.42 32.26 17.42	0.96 1.07 1.19 0.94 1.08 2.42 2.45 1.19 0.94 1.08	A 117.0 1.348														
21143-3835	1	FNB	A 104835 C 104833 B 104835	8.839 0.016 9.500 0.023 9.636 0.028	9.846 0.026	9.474 0.028	318.568 102 88 -38.577 931 25 318.567 905 16 -38.580 827 08 318.567 816 03 -38.578 005 72	-0.38 -0.38 -0.38	-11.67 -13.24 -11.67 -13.24 -11.67 -13.24	2.51 1.55 2.49 3.21 1.34 7.38 4.15 2.49 3.21 1.34 7.76 4.62 2.49 3.21 1.34	A 183.06 10.440 A 251.6 0.85														
21143-5615	1	FCB	A 104832 B 104832	8.187 0.009 11.666 0.218	9.151 0.015	8.111 0.010	318.564 218 10 -56.251 445 85 318.563 523 64 -56.249 960 21	3.98 3.98	-14.38 -12.79 -14.38 -12.79	1.99 1.34 2.08 2.48 1.43 87.35 35.87 2.08 2.48 1.43	A 345 5.53														
21143-5831	1	FCA	A 104836 B 104836	9.518 0.008 9.973 0.012			318.568 819 11 -58.523 698 96 318.568 955 08 -58.523 546 57	4.74 4.74	65.68 -59.01 65.68 -59.01	2.44 3.52 3.12 2.51 3.13 4.91 5.26 3.12 2.51 3.13	A 25 0.605														
21145+1001	1	FCA	A 104858 B 104858	5.193 0.138 5.524 0.187			318.619 958 83 +10.007 698 88 318.619 958 84 +10.007 745 24	54.11 54.11	42.32 -303.43 42.32 -303.43	7.17 8.70 0.85 0.89 0.57 9.71 17.58 0.85 0.89 0.57	A 0 0.17														



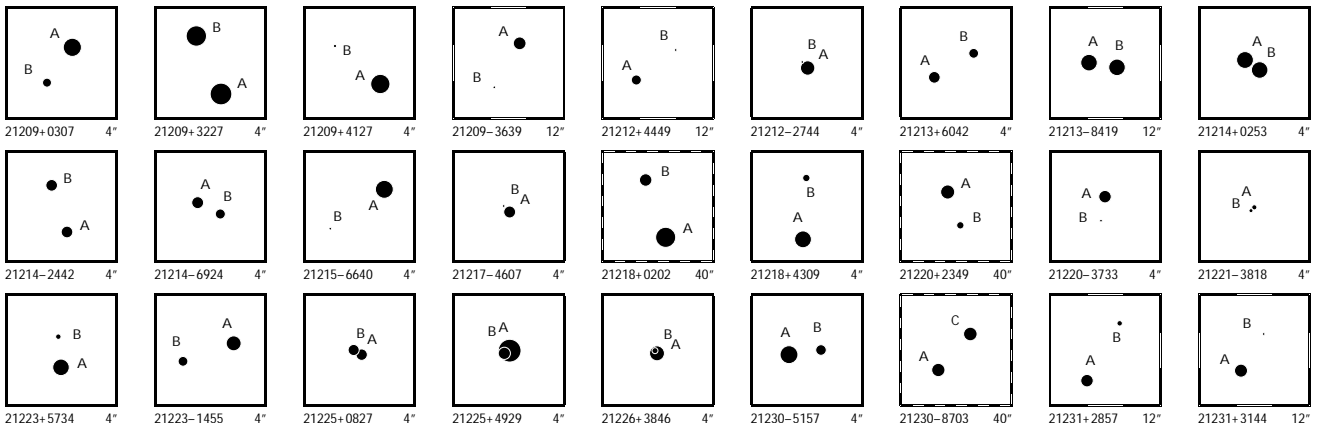
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _I	σ	α	δ		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21146-5552	1	FCA	A 104865 B 104865	9.801 0.010 12.136 0.077	10.079 0.028	9.745 0.032		318.641 270 68 318.638 671 28	-55.859 739 95 -55.861 573 72	3.19 3.19	16.91 16.91	-6.51 -6.51	1.63 1.50 1.98 18.31 18.51 1.98	2.27 1.58 2.27 1.58	A 218.5	8.44										
21148+3803	1	LCA	A 104887 B 104887	3.896 0.002 6.785 0.029				318.697 277 57 318.697 302 35	+38.044 320 43 +38.044 496 19	47.80 47.80	195.74 88.83	410.02 459.43	0.47 0.53 0.61 9.14 6.90 0.61	0.45 0.51 6.49 3.41	A 6	0.637	-10	+0.037								
21148-2555	1	FCA	A 104882 B 104882	8.613 0.006 8.882 0.008	8.756 0.018 9.028 0.020	8.464 0.020 8.742 0.019		318.689 453 97 318.688 898 02	-25.911 258 69 -25.910 972 03	6.65 6.65	21.34 21.34	-0.79 -0.79	1.98 1.36 1.94 3.20 2.95 1.94	1.99 0.95 1.99 0.95	A 299.8	2.075										
21149-2921	1	FCA	A 104896 B 104896	9.944 0.011 12.146 0.084				318.725 492 32 318.725 548 79	-29.357 705 44 -29.357 608 19	3.18 3.18	-19.44 -19.44	-26.97 -26.97	3.16 2.21 2.39 34.96 18.42 2.39	2.64 1.21 2.64 1.21	A 27	0.39										
21150-4906	1	FCA	A 104907 B 104907	7.064 0.004 10.100 0.061	8.546 0.011	7.017 0.006		318.758 858 93 318.758 762 98	-49.097 539 65 -49.097 240 70	5.99 5.99	-18.63 -18.63	-7.28 -7.28	0.93 0.76 1.09 11.58 13.69 1.09	1.05 0.63 1.05 0.63	A 348	1.10										
21152+4619	1	FCA	A 104921 B 104921	9.959 0.009 12.693 0.110				318.798 403 66 318.798 663 46	+46.319 746 73 +46.319 558 24	1.67 1.67	-1.60 -1.60	-4.58 -4.58	1.64 1.44 1.72 30.36 22.94 1.72	1.92 1.57 1.92 1.57	A 136	0.94										
21152+5531	1	FCA	A 104917 B 104917	8.500 0.018 9.617 0.050				318.790 689 05 318.790 744 48	+55.509 675 60 +55.509 596 60	4.07 4.07	9.10 9.10	5.05 5.05	1.71 2.81 0.75 4.85 5.52 0.75	0.65 0.67 0.65 0.67	A 158	0.306										
21153-6341	1	FCA	A 104932 B 104932	8.611 0.005 10.120 0.020	9.034 0.010 10.595 0.034	8.532 0.009 9.877 0.029		318.834 192 72 318.829 255 56	-63.687 725 29 -63.686 213 23	6.00 6.00	-19.15 -19.15	-8.08 -8.08	1.09 1.19 1.87 6.32 6.14 1.87	1.23 1.39 1.23 1.39	A 304.64	9.58										
21156+7836	1	INC	A 104957 B 104964	7.443 0.010 9.627 0.055	7.456 0.006 9.912 0.026	7.421 0.007 9.558 0.028		318.898 567 35 318.923 371 38	+78.598 191 24 +78.603 619 15	4.06 6.54	9.84 14.62	5.00 6.15	1.30 1.21 1.02 14.14 13.14 7.19	1.29 1.12 8.79 8.41	A 42.08	26.33	+0.01	0.00								
21157+4832	1	FCA	A 104966 B 104966	9.046 0.022 10.925 0.126				318.921 665 91 318.921 599 06	+48.531 484 08 +48.531 556 88	1.24 1.24	-2.32 -2.32	0.30 0.30	2.77 2.95 1.21 16.44 13.32 1.21	1.40 1.08 1.40 1.08	A 329	0.31										
21158+6721	1	FCA	A 104984 B 104984	8.790 0.006 10.601 0.033	10.074 0.027 11.374 0.083	8.727 0.015 10.399 0.055		318.953 347 96 318.952 726 91	+67.353 912 82 +67.356 144 79	4.38 4.38	13.67 13.67	0.77 0.77	1.16 1.07 1.13 7.95 6.46 1.13	1.40 1.01 1.40 1.01	A 353.9	8.08										
21158-5316	1	FCA	A 104978 B 104978	6.331 0.111 6.803 0.172				318.940 961 40 318.941 020 00	-53.263 056 58 -53.263 039 80	8.22 8.22	35.09 35.09	-14.12 -14.12	7.31 3.79 0.79 9.80 5.21 0.79	0.86 0.46 0.86 0.46	A 64	0.14										
21159+2858	1	FCC	A 104994 B 104994	10.736 0.166 12.669 0.983				318.978 627 26 318.978 686 87	+28.962 894 88 +28.962 898 42	3.50 3.50	121.92 121.92	111.93 111.93	10.22 13.40 1.88 121.36 69.97 1.88	1.45 1.09 1.45 1.09	A 86	0.19										
21159-8316	1	FND	D A 104997 B 104997	7.764 0.005 11.676 0.162	9.231 0.013	7.740 0.007		318.981 728 47 318.954 134 15	-83.265 863 10 -83.265 976 15	3.93 3.93	-8.18 -8.18	-11.43 -11.43	0.79 0.69 0.88 40.91 38.10 0.88	0.85 0.67 0.85 0.67	A 268.0	11.66										
21161+4101	1	FCA	A 105009 B 105009	9.635 0.005 11.875 0.036				319.033 808 96 319.033 521 54	+41.019 261 81 +41.019 290 81	1.21 1.21	-3.15 -3.15	-4.53 -4.53	1.22 1.16 1.44 10.72 12.48 1.44	1.23 1.20 1.23 1.20	A 278	0.79										
21164-5451	1	FCB	A 105028 B 105028	7.999 0.105 10.717 1.287				319.105 692 51 319.105 600 55	-54.856 233 16 -54.856 232 52	11.95 11.95	13.54 13.54	11.98 11.98	14.86 2.27 0.86 48.30 29.18 0.86	0.94 0.61 0.94 0.61	A 271	0.19										
21165+4554	1	FCC	A 105037 B 105037	10.302 0.020 12.786 0.196				319.132 226 57 319.132 361 20	+45.907 749 81 +45.907 825 29	2.67 2.67	-0.03 -0.03	-2.84 -2.84	4.08 3.63 2.67 37.83 39.60 2.67	2.55 2.21 2.55 2.21	A 51	0.43										
21166+1505	1	FCA	A 105039 B 105039	9.948 0.425 10.406 0.648				319.137 862 78 319.137 881 90	+15.078 828 02 +15.078 858 38	5.53 5.53	6.19 6.19	-7.43 -7.43	18.71 24.46 1.45 29.71 30.20 1.45	1.65 0.96 1.65 0.96	A 31	0.13										
21166-0037	1	FCB	A 105040 B 105040	7.500 0.006 11.381 0.197				319.143 576 48 319.143 730 33	-0.621 692 31 -0.621 753 59	4.37 4.37	10.46 10.46	-11.52 -11.52	1.48 1.36 1.45 54.62 60.42 1.45	1.52 1.29 1.52 1.29	A 112	0.60										
21167+0731	1	FCA	A 105049 B 105049	7.823 0.174 8.994 0.511				319.166 888 39 319.166 848 88	+7.514 781 73 +7.514 792 14	8.54 8.54	4.01 4.01	-42.16 -42.16	8.89 28.02 1.03 46.18 83.19 1.03	1.30 0.78 1.30 0.78	A 285	0.15										
21167-0739	1	LCA	A 105051 B 105051	8.703 0.006 8.879 0.007	9.028 0.011 9.149 0.014	8.607 0.014 8.746 0.015		319.180 377 56 319.180 495 05	-7.654 777 63 -7.655 543 32	6.53 6.53	5.49 -2.91	6.55 9.11	3.44 1.64 2.63 4.63 3.59 2.63	3.86 1.19 5.74 1.86	A 171.4	2.788	+0.2	-0.004								
21169-2836	1	FCA	P A 105058 B 105058	10.346 0.022 10.834 0.028				319.232 203 83 319.232 542 05	-28.604 673 51 -28.604 671 34	7.14 7.14	-77.69 -77.69	-41.72 -41.72	4.36 2.92 4.22 10.41 7.23 4.22	4.56 2.01 4.56 2.01	A 89.6	1.07										
21171+3546	1	FCA	A 105072 B 105072	8.619 0.007 8.966 0.009				319.278 415 82 319.278 010 60	+35.769 539 36 +35.769 427 43	6.37 6.37	0.38 0.38	-23.68 -23.68	1.15 1.34 1.66 3.18 2.66 1.66	1.02 1.27 1.02 1.27	A 251.2	1.250										
21171+4312	1	FCA	B 105068 A 105068	9.352 0.011 9.476 0.012				319.267 141 85 319.267 044 53	+43.193 580 08 +43.193 669 73	2.05 2.05	-3.83 -3.83	-1.73 -1.73	2.49 2.31 1.71 2.62 2.44 1.71	1.79 1.61 1.79 1.61	B 322	0.412										
21171-8021	1	FCA	A 105073 B 105073	7.853 0.003 8.840 0.008				319.284 229 30 319.284 188 54	-80.344 886 19 -80.344 689 64	4.18 4.18	13.36 13.36	-10.33 -10.33	0.95 1.05 1.09 3.48 2.89 1.09	1.03 1.15 1.03 1.15	A 358.0	0.708										
21176+3945	1	FCA	A 105117 B 105117	7.988 0.004 9.858 0.022	8.359 0.008 9.932 0.038	7.925 0.007 9.533 0.036		319.403 270 37 319.402 427 86	+39.746 156 26 +39.745 687 44	4.81 4.81	27.22 27.22	6.09 6.09	0.78 0.86 1.06 5.16 6.10 1.06	0.82 0.81 0.82 0.81	A 234.1	2.88										
21176+8231	1	FCA	A 105112 B 105112	8.685 0.005 8.870 0.006	9.048 0.016 9.244 0.020	8.516 0.019 8.697 0.016		319.390 532 62 319.387 460 08	+82.517 342 39 +82.517 690 45	12.82 12.82	8.82 8.82	78.81 78.81	1.41 1.31 1.29 1.90 2.09 1.29	1.95 1.16 1.95 1.16	A 311.0	1.909										



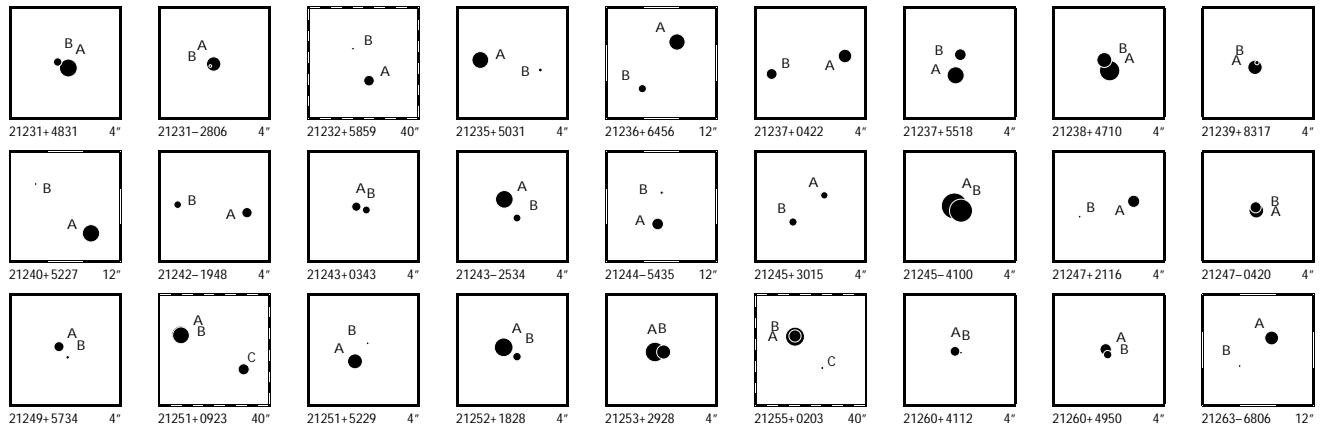
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21177+3345	1	F CA	A 105123 B 105123	8.545 0.004 9.639 0.010					319.414 822 72 +33.758 408 83 319.415 103 25 +33.758 249 58	6.48 6.48	-9.07 -43.39 -9.07 -43.39	0.75 1.00 1.30 0.84 1.00 2.28 3.40 1.30 0.84 1.00	A 124.3 1.017												
21180+3049	1	F CA	B 105146 A 105146	8.856 0.024 9.026 0.028				319.500 273 01 +30.822 081 32 319.500 249 29 +30.822 023 30	4.18 4.18	-12.40 -11.33 -12.40 -11.33	3.08 3.06 1.13 0.85 0.75 2.79 3.14 1.13 0.85 0.75	B 199 0.221													
21182+3035	1	F CA P	A 105162 B 105162	8.184 0.008 11.538 0.118	8.378 0.007	8.133 0.008		319.545 330 88 +30.589 344 18 319.544 746 40 +30.588 455 27	4.73 4.73	2.58 -6.25 2.58 -6.25	1.19 1.09 1.59 1.23 0.96 18.04 35.06 1.59 1.23 0.96	A 209.5 3.68													
21182+4956	1	F CA	A 105166 B 105166	8.534 0.009 10.182 0.043				319.550 463 02 +49.931 753 81 319.550 322 52 +49.931 712 86	5.69 5.69	14.66 2.49 14.66 2.49	1.83 1.61 1.25 1.51 1.13 7.71 8.23 1.25 1.51 1.13	A 246 0.36													
21184+0518	1	F CA	A 105174 B 105174	9.941 0.142 10.158 0.174				319.592 052 22 +5.303 488 47 319.592 060 34 +5.303 537 61	6.05 6.05	6.46 -5.68 6.46 -5.68	13.43 12.86 1.64 1.90 1.24 15.97 13.99 1.64 1.90 1.24	A 9 0.18													
21185+6613	1	F CA	A 105187 B 105187	11.140 0.010 12.436 0.033				319.614 609 26 +66.224 359 97 319.614 925 39 +66.224 181 49	10.63 10.63	152.70 213.19 152.70 213.19	2.44 2.36 2.42 2.95 2.60 12.01 11.51 2.42 2.95 2.60	A 144 0.79													
21185+8021	1	L CA	A 105190 B 105190	7.925 0.003 8.730 0.007	8.331 0.017	7.800 0.017	9.105 0.025	8.560 0.024	319.627 932 68 +80.353 207 03 319.624 512 26 +80.353 220 72	11.80 11.80	160.36 107.32 155.40 111.23	0.98 0.85 0.83 0.95 0.71 2.19 2.06 0.83 1.43 1.23	A 271.37 2.064 +0.11 +0.005												
21186+1134	1	F CB	A 105200 B 105200	7.374 0.047 8.940 0.199					319.645 239 36 +11.568 943 93 319.645 174 25 +11.568 941 60	19.79 19.79	35.46 -49.01 35.46 -49.01	5.22 4.26 1.18 1.13 0.78 21.91 17.86 1.18 1.13 0.78	A 268 0.23												
21187+2118	1	F CA	A 105209 B 105209	9.702 0.161 10.314 0.284					319.669 098 43 +21.296 432 53 319.669 090 25 +21.296 472 42	4.79 4.79	-1.57 -17.00 -1.57 -17.00	5.05 11.00 1.25 1.09 0.79 8.90 18.93 1.25 1.09 0.79	A 349 0.15												
21190-0720	1	F CA	A 105235 B 105235	8.768 0.014 9.959 0.029					319.748 368 79 -7.329 539 00 319.748 350 61 -7.329 619 88	2.13 2.13	6.98 2.04 6.98 2.04	2.57 2.48 1.51 2.36 0.98 5.66 4.42 1.51 2.36 0.98	A 193 0.298												
21192+6152	1	F CA	A 105250 D 105250	6.858 0.013 9.119 0.103					319.780 687 09 +61.858 458 45 319.780 544 55 +61.858 497 90	-0.70 -0.70	-1.67 -4.99 -1.67 -4.99	2.19 1.55 0.70 0.75 0.59 11.11 10.08 0.70 0.75 0.59	A 300 0.28												
21192-3018	1	F CA	A 105252 B 105252	9.824 0.009 12.022 0.066					319.790 065 93 -30.302 794 87 319.789 826 14 -30.302 881 90	11.63 11.63	296.54 -0.94 296.54 -0.94	2.78 2.20 3.01 3.38 1.68 26.99 23.03 3.01 3.38 1.68	A 247 0.81												
21193+5838	1	F ND	A 105259 B 105259	5.683 0.010 9.253 0.262	7.227 0.007	5.836 0.004	9.570 0.044	9.265 0.052	319.815 383 11 +58.623 509 94 319.817 119 04 +58.624 437 13	0.89 0.89	-3.55 -3.28 -3.55 -3.28	1.07 1.07 1.15 0.98 0.94 34.21 34.76 1.15 0.98 0.94	A 44.3 4.66												
21196+1421	1	F CA	A 105288 B 105288	8.500 0.006 10.140 0.025					319.895 950 40 +14.353 612 58 319.896 092 60 +14.353 690 79	4.21 4.21	9.53 5.80 9.53 5.80	1.61 1.17 1.53 1.82 1.01 9.13 6.38 1.53 1.82 1.01	A 60 0.57												
21196-3929	1	F CA	A 105289 B 105289	9.152 0.009 11.927 0.117	10.202 0.038	9.060 0.025			319.899 861 16 -39.476 590 88 319.901 022 57 -39.475 998 91	2.16 2.16	7.08 -21.71 7.08 -21.71	1.97 1.78 2.08 2.51 1.40 35.67 24.62 2.08 2.51 1.40	A 56.6 3.87												
21197+0931	1	F CA	A 105295 B 105295	7.513 0.004 8.207 0.008	7.660 0.007	7.467 0.008	8.257 0.028	8.061 0.035	319.913 957 16 +9.525 325 89 319.913 849 91 +9.524 573 49	4.70 4.70	20.79 -13.65 20.79 -13.65	1.32 0.94 1.26 1.60 0.87 3.16 2.16 1.26 1.60 0.87	A 188.0 2.735												
21197+3315	1	F CA	A 105300 B 105300	8.601 0.004 10.119 0.017	9.147 0.011	8.486 0.010	10.155 0.044	9.544 0.034	319.919 842 12 +33.254 056 94 319.920 248 98 +33.254 518 01	5.74 5.74	52.87 18.17 52.87 18.17	0.86 0.99 1.32 0.96 0.95 4.21 4.79 1.32 0.96 0.95	A 36.4 2.063												
21198-2621	1	L CA	A 105312 B 105312	6.764 0.004 9.753 0.057	7.495 0.007	6.681 0.006			319.941 683 40 -26.352 011 00 319.941 090 22 -26.352 012 96	53.40 53.40	-582.35 -357.67 -541.11 -335.62	1.08 0.87 1.09 1.11 0.62 17.45 13.36 1.09 1.09 0.62	A 269.8 1.91 +0.7 -0.04												
21199+5319	1	F CA	A 105320 B 105320	8.314 0.005 10.003 0.022					319.976 443 95 +53.322 113 35 319.976 383 31 +53.321 985 72	2.81 2.81	7.60 4.58 7.60 4.58	1.12 1.14 1.00 0.93 0.95 7.06 5.33 1.00 0.93 0.95	A 196 0.48												
21199-5327	1	L CA	A 105319 B 105319	4.537 0.002 7.181 0.024	4.700 0.002	4.514 0.002	7.543 0.030	6.932 0.026	319.966 182 53 -53.449 264 34 319.963 054 88 -53.449 211 91	33.58 33.58	107.37 -67.12 92.02 -78.20	0.81 0.56 0.76 0.82 0.44 8.31 7.25 0.76 7.06 4.44	A 271.61 6.71 -0.10 +0.02												
21200-2718	1	F CA W	A 105324 B 105324	8.904 0.011 8.998 0.011	9.356 0.028	8.703 0.035	9.430 0.050	8.721 0.035	320.010 065 63 -27.304 389 13 320.010 767 44 -27.304 389 91	14.41 14.41	90.70 -28.63 4.70 3.20 2.36 2.71 1.57 90.70 -28.63	2.81 1.75 2.36 2.71 1.57 4.70 3.20 2.36 2.71 1.57	A 90.1 2.245												
21202+5411	1	F CA	A 105343 B 105343	8.194 0.018 10.034 0.098					320.058 970 79 +54.183 891 78 320.058 974 61 +54.183 803 11	0.58 0.58	3.58 1.98 3.58 1.98	2.06 3.26 1.15 1.19 1.03 13.36 11.00 1.15 1.19 1.03	A 179 0.32												
21202+6038	1	F CA	A 105342 B 105342	7.526 0.007 10.690 0.124	9.702 0.019	7.592 0.007			320.058 414 79 +60.630 882 03 320.058 016 85 +60.630 581 48	1.05 1.05	-4.69 -3.99 -4.69 -3.99	1.12 1.11 1.13 1.06 1.07 33.00 25.69 1.13 1.06 1.07	A 213 1.29												
21202-1330	1	F CA	A 105333 B 105333	7.419 0.053 9.085 0.244					320.038 182 61 -13.502 315 13 320.038 194 38 -13.502 355 02	0.83 0.83	8.81 3.21 8.81 3.21	2.46 4.15 1.07 1.04 0.54 11.37 14.07 1.07 1.04 0.54	A 164 0.15												
21205-4732	1	L CA	A 105362 B 105362	10.440 0.030 10.536 0.033					320.113 324 37 -47.535 305 95 320.113 405 33 -47.535 375 74	5.68 5.68	23.64 -40.13 21.51 -28.54	3.80 4.42 3.13 3.06 2.37 5.84 6.58 3.13 4.19 3.32	A 142 0.319 -1 -0.010												
21206+1310	1	F CB	A 105371 B 105371	8.279 0.043 11.005 0.531					320.139 663 17 +13.167 030 45 320.139 625 17 +13.167 080 95	11.59 11.59	50.88 -38.24 50.88 -38.24	3.97 7.45 1.62 1.62 1.15 31.55 27.47 1.62 1.62 1.15	A 324 0.23												
21208-4049	1	F CB P	A 105382 B 105382	4.932 0.041 7.423 0.404					320.189 931 46 -40.809 512 12 320.189 932 21 -40.809 472 76	17.49 17.49	76.18 17.66 76.18 17.66	1.83 2.83 0.89 1.13 0.65 26.16 26.14 0.89 1.13 0.65	A 1 0.14												



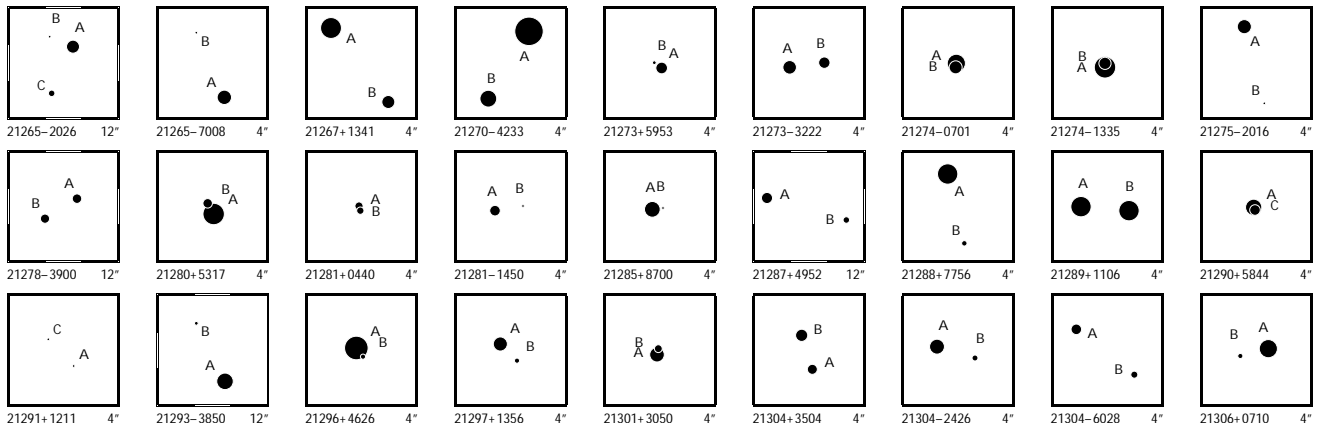
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21209+0307	1	LCA	A 105399 B 105399	7.976 0.008 10.032 0.049	8.443 0.014	7.866 0.010		320.232 077 61 320.232 339 64	+3.118 244 66 +3.117 881 99	14.03 14.03	136.86 4.44 111.56 -20.81	1.64 1.32 1.51 1.67 1.28 14.16 9.37 1.51 10.53 6.36	A 144.2	1.61	+1.3	+0.01										
21209+3227	1	LCA	A 105390 B 105390	7.209 0.004 7.513 0.006	8.087 0.009 8.224 0.008	7.109 0.007 7.413 0.006		320.208 385 13 320.208 682 88	+32.452 330 66 +32.452 922 61	13.65 13.65	58.60 -45.18 53.84 -36.22	1.03 0.98 1.16 0.92 0.79 1.95 1.97 1.16 1.26 1.06	A 23.00	2.315	-0.19	+0.006										
21209+4127	1	FCA	A 105397 B 105397	7.758 0.005 11.250 0.128	8.868 0.010	7.679 0.006		320.223 822 82 320.224 439 46	+41.442 119 59 +41.442 508 84	1.66 1.66	-12.43 -20.63 -12.43 -20.63	0.79 0.85 1.04 0.81 0.80 21.63 24.13 1.04 0.81 0.80	A 50	2.18												
21209-3639	1	FCC	A 105394 B 105394	9.173 0.011 13.144 0.413	9.482 0.025	9.133 0.027		320.218 430 53 320.219 386 18	-36.656 676 66 -36.658 030 90	3.42 3.42	17.52 -3.09 17.52 -3.09	1.92 1.69 2.14 1.90 1.24 77.38 52.48 2.14 1.90 1.24	A 150	5.60												
21212+4449	1	FCC	A 105421 B 105421	9.763 0.012 13.339 0.312	9.892 0.025	9.636 0.031		320.299 510 41 320.297 856 82	+44.812 760 36 +44.813 690 67	2.97 2.97	5.83 2.50 5.83 2.50	1.26 1.12 1.37 1.43 1.20 79.38 76.87 1.37 1.43 1.20	A 308	5.39												
21212-2744	1	FCC	A 105418 B 105418	8.800 0.046 11.756 0.703				320.288 447 55 320.288 505 26	-27.730 745 01 -27.730 694 86	8.06 8.06	29.63 10.91 29.63 10.91	5.02 6.48 1.62 1.69 0.85 67.73 39.25 1.62 1.69 0.85	A 46	0.26												
21213+6042	1	FCA	A 105429 B 105429	9.391 0.007 9.869 0.011	9.403 0.022	9.143 0.029		320.333 698 23 320.332 874 10	+60.699 347 16 +60.699 592 37	2.31 2.31	2.63 -13.19 2.63 -13.19	1.76 1.76 1.73 1.90 1.82 3.61 3.70 1.73 1.90 1.82	A 301.3	1.699												
21213-8419	1	FCA	A 105428 B 105428	8.314 0.004 8.350 0.004	8.601 0.030	8.161 0.030		320.337 580 78 320.328 827 30	-84.309 816 55 -84.309 961 20	4.44 4.44	21.89 -15.43 21.89 -15.43	1.40 1.19 1.42 1.20 1.04 1.95 1.90 1.42 1.20 1.04	A 260.53	3.168												
21214+0253	1	FCA	A 105438 B 105438	8.302 0.006 8.351 0.006				320.348 725 13 320.348 576 38	+2.887 390 61 +2.887 282 28	4.32 4.32	3.62 -4.46 3.62 -4.46	2.78 2.46 2.52 2.93 2.35 3.98 2.89 2.52 2.93 2.35	A 233.9	0.662												
21214-2442	1	FNB	B 105446 A 105446	9.392 0.004 9.415 0.004	9.579 0.020	9.186 0.018		320.370 562 65 320.370 385 86	-24.707 299 24 -24.707 778 93	-0.33 -0.33	-35.47 8.81 -35.47 8.81	3.46 1.79 2.92 3.00 1.42 2.85 1.64 2.92 3.00 1.42	B 198.5	1.821												
21214-6924	1	FCA	A 105442 B 105442	9.352 0.009 9.752 0.012				320.351 792 67 320.351 124 95	-69.403 739 71 -69.403 849 58	8.37 8.37	21.40 -47.22 21.40 -47.22	1.92 2.10 2.85 2.11 2.57 3.60 3.66 2.85 2.11 2.57	A 244.9	0.934												
21215-6640	1	FND	A 105445 B 105445	8.017 0.005 12.265 0.266	8.236 0.006	7.959 0.006		320.366 743 90 320.368 133 46	-66.666 797 23 -66.667 201 84	5.57 5.57	-8.62 11.16 -8.62 11.16	0.82 0.86 1.28 0.77 0.81 59.41 61.94 1.28 0.77 0.81	A 126	2.46												
21217-4607	1	FCB	A 105458 B 105458	9.388 0.048 11.960 0.509				320.415 121 08 320.415 199 08	-46.122 266 59 -46.122 207 92	2.77 2.77	18.86 3.38 18.86 3.38	8.64 7.41 2.06 1.96 1.33 60.89 45.74 2.06 1.96 1.33	A 43	0.29												
21218+0202	1	ICA	A 105472 B 105475	7.568 0.025 9.262 0.092	7.970 0.011	7.479 0.011		320.448 298 16 320.450 428 50	+2.027 351 58 +2.033 279 33	0.91 -4.66	-0.21 -7.94 8.78 -4.72	2.12 1.60 1.78 2.66 1.69 38.69 22.63 12.42 20.11 10.82	A 19.76	22.67	+0.02	+0.01										
21218+4309	1	FCA	A 105467 B 105467	8.295 0.004 10.399 0.029	8.277 0.007	8.254 0.009		320.440 851 32 320.440 807 13	+43.143 982 11 +43.144 605 58	2.75 2.75	-11.02 -18.47 -11.02 -18.47	0.98 0.87 1.10 1.10 0.88 8.52 7.44 1.10 1.10 0.88	A 357.0	2.25												
21220+2349	1	ICA	A 105489 B 105487	8.895 0.007 10.399 0.025	9.087 0.011	8.841 0.012		320.491 216 27 320.489 780 26	+23.825 204 75 +23.821 811 99	2.64 3.79	1.08 -6.40 6.79 -10.04	2.03 1.68 2.22 2.48 1.83 9.62 8.44 5.80 6.04 4.92	A 201.17	13.098	-0.03	+0.001										
21220-3733	1	FCA	A 105495 B 105495	9.215 0.007 11.865 0.073				320.500 068 32 320.500 110 92	-37.554 392 57 -37.554 643 25	7.38 7.38	0.59 -6.59 0.59 -6.59	1.90 1.80 1.91 2.00 1.33 25.98 20.02 1.91 2.00 1.33	A 172	0.91												
21221-3818	1	FCA	A 105505 B 105505	10.843 0.207 11.127 0.268				320.533 792 65 320.533 835 40	-38.297 386 72 -38.297 422 59	1.76 1.76	4.51 -4.13 4.51 -4.13	13.52 15.76 2.03 2.24 1.40 22.65 26.53 2.03 2.24 1.40	A 137	0.18												
21223+5734	1	FCA	A 105522 B 105522	8.330 0.005 10.822 0.049	8.825 0.012	8.185 0.011		320.585 087 85 320.585 151 97	+57.565 163 56 +57.565 472 34	10.50 10.50	76.68 27.78 76.68 27.78	0.93 0.93 1.01 0.94 0.87 9.90 12.82 1.01 0.94 0.87	A 6	1.12												
21223-1455	1	FCA	A 105519 B 105519	8.709 0.006 9.855 0.016	9.051 0.023	8.502 0.018		320.568 627 73 320.569 164 36	-14.919 600 87 -14.919 782 85	5.83 5.83	-20.92 -1.84 -20.92 -1.84	1.90 1.08 1.86 2.30 1.08 6.33 4.39 1.86 2.30 1.08	A 109.3	1.98												
21225+0827	1	FCA	A 105538 B 105538	9.455 0.049 9.535 0.052				320.619 342 44 320.619 426 00	+8.454 459 74 +8.454 508 47	1.70 1.70	-0.24 -5.55 -0.24 -5.55	5.35 3.19 1.66 1.80 1.06 6.69 4.10 1.66 1.80 1.06	A 59	0.35												
21225+4929	1	FCA	A 105540 B 105540	6.986 0.036 9.295 0.303				320.620 620 03 320.620 697 34	+49.491 422 94 +49.491 402 13	3.43 3.43	12.22 -8.54 12.22 -8.54	3.05 1.62 0.55 0.69 0.48 29.15 21.83 0.55 0.69 0.48	A 113	0.20												
21226+3846	1	FCB	A 105543 B 105543	8.710 0.122 10.656 0.731				320.639 080 10 320.639 108 64	+38.761 515 51 +38.761 547 77	2.21 2.21	1.22 -20.05 1.22 -20.05	7.19 6.19 0.95 0.59 0.62 45.24 42.93 0.95 0.59 0.62	A 35	0.14												
21230-5157	1	FCA	A 105577 B 105577	8.017 0.005 9.660 0.022	8.519 0.011	7.810 0.009		320.761 965 60 320.761 436 85	-51.942 283 76 -51.942 235 45	12.51 12.51	-40.87 -37.25 -40.87 -37.25	1.42 1.00 1.42 1.51 0.81 9.11 4.47 1.42 1.51 0.81	A 278.4	1.19												
21230-8703	1	ICA	C 105569 A 105585	9.019 0.033 9.032 0.033	9.795 0.020	8.996 0.016		320.720 754 56 320.785 702 41	-87.048 338 48 -87.052 087 63	3.20 19.10	130.11 -90.02 103.04 -87.76	5.14 4.86 4.45 5.18 4.83 8.38 7.53 5.70 6.71 5.85	C 138.32	18.08	+0.06	-0.02										
21231+2857	1	FCA	A 105579 B 105579	9.265 0.011 10.786 0.042	9.599 0.019	9.171 0.020		320.770 839 47 320.769 709 44	+28.955 095 32 +28.956 837 61	4.35 4.35	6.26 -6.55 6.26 -6.55	1.62 1.40 1.88 1.61 1.39 8.78 7.87 1.88 1.61 1.39	A 330.4	7.21												
21231+3144	1	FN C	A 105582 B 105582	9.116 0.009 12.911 0.275	11.309 0.051	9.248 0.015		320.779 435 99 320.778 634 12	+31.726 849 50 +31.727 994 16	4.72 4.72	-7.48 -11.17 -7.48 -11.17	1.28 1.25 1.70 1.34 1.18 58.78 60.69 1.70 1.34 1.18	A 329	4.80												



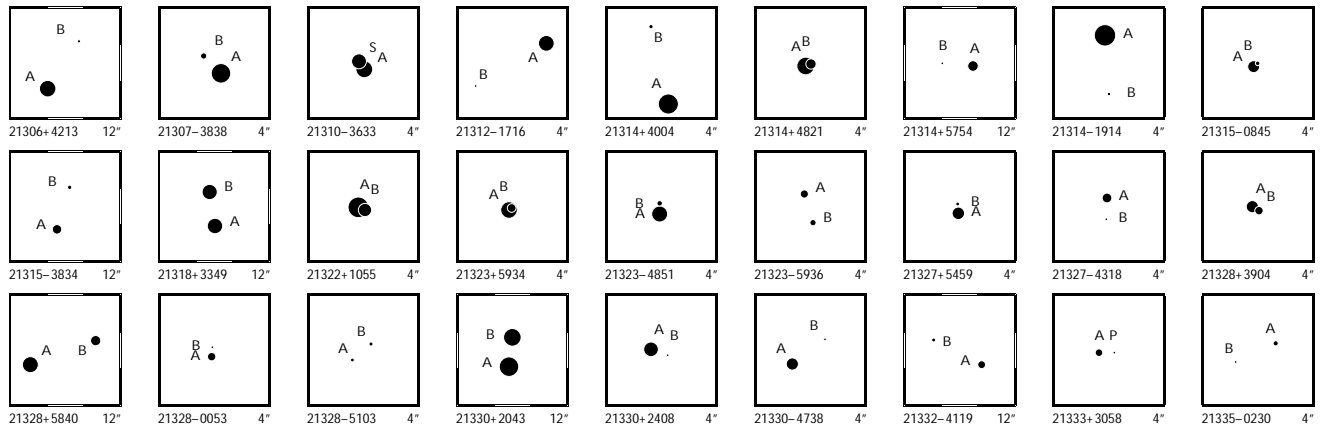
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21231+4831	1	F CA	A 105584 B 105584	8.022 0.005 10.164 0.031					320.784 182 09 +48.518 986 11 320.784 351 49 +48.519 054 57	11.40 11.40	107.75 -25.80 107.75 -25.80	1.11 1.03 0.97 1.25 0.98 7.89 8.62 0.97 1.25 0.98	A 59 0.47												
21231-2806	1	F CB	A 105578 B 105578	8.840 0.132 11.400 1.394				320.763 131 63 -28.098 966 67 320.763 161 92 -28.098 998 42	2.30 2.30	0.38 8.72 0.38 8.72	6.51 5.62 1.15 1.21 0.61 82.10 121.62 1.15 1.21 0.61	A 140 0.15													
21232+5859	1	F ND	D A 105587 B 105587	9.664 0.012 13.435 0.373	10.149 0.032	9.620 0.030		320.793 172 06 +58.983 352 65 320.796 355 67 +58.986 598 55	0.07 0.07	-1.85 -5.66 -1.85 -5.66	1.27 1.39 1.46 1.17 1.31 93.33 101.13 1.46 1.17 1.31	A 26.8 13.09													
21235+5031	1	F CA	A 105617 B 105617	8.283 0.005 11.157 0.061	8.792 0.011	8.174 0.010		320.872 334 50 +50.523 710 03 320.871 365 08 +50.523 606 38	10.99 10.99	-73.28 -63.75 -73.28 -63.75	0.87 0.79 0.90 0.88 0.76 12.31 12.41 0.90 0.88 0.76	A 260.5 2.25													
21236+6456	1	L CA	A 105625 B 105625	8.383 0.007 10.219 0.035	8.466 0.010	8.334 0.012		320.898 805 84 +64.927 208 90 320.901 296 87 +64.925 780 14	4.29 4.29	8.80 12.08 -2.34 -0.17	1.40 1.20 1.15 1.25 1.01 8.06 9.82 1.15 5.03 5.28	A 143.54 6.395 +0.15 +0.003													
21237+0422	1	F CA	A 105634 B 105634	8.975 0.007 9.596 0.013	9.276 0.024	8.851 0.021		320.931 562 14 +4.365 033 95 320.932 315 12 +4.364 848 60	4.05 4.05	38.10 6.24 38.10 6.24	2.11 1.71 2.04 2.83 1.95 5.01 3.75 2.04 2.83 1.95	A 103.9 2.784													
21237+5518	1	F CA	A 105630 B 105630	8.231 0.004 9.401 0.011				320.917 171 91 +55.294 121 13 320.917 096 30 +55.294 329 14	2.81 2.81	-5.55 -17.54 -5.55 -17.54	0.90 0.95 0.99 0.98 0.94 3.62 3.09 0.99 0.98 0.94	A 348.3 0.765													
21238+4710	1	F CA	A 105640 B 105640	7.477 0.004 8.706 0.012				320.959 072 85 +47.164 562 89 320.959 156 80 +47.164 673 40	0.27 0.27	-2.67 -4.66 -2.67 -4.66	0.87 0.92 0.82 0.81 0.78 3.24 2.82 0.82 0.81 0.78	A 27.3 0.448													
21239+8317	1	F CB	A 105644 B 105644	8.826 0.084 11.018 0.631				320.968 337 06 +83.283 337 24 320.968 159 31 +83.283 382 62	6.19 6.19	22.09 -7.67 22.09 -7.67	3.03 8.00 0.66 0.78 0.62 27.49 37.13 0.66 0.78 0.62	A 335 0.18													
21240+5227	1	F ND	D A 105655 B 105655	8.133 0.006 11.910 0.186	8.106 0.008	8.089 0.010		321.011 942 47 +52.449 142 17 321.014 720 00 +52.450 656 38	1.32 1.32	0.97 -1.05 0.97 -1.05	1.03 0.99 1.08 1.01 0.94 42.73 40.93 1.08 1.01 0.94	A 48.2 8.18													
21242-1948	1	F CA	A 105672 B 105672	9.745 0.010 10.301 0.017	9.908 0.030	9.343 0.027		321.055 860 71 -19.793 443 30 321.056 616 59 -19.793 365 38	6.92 6.92	45.68 -0.65 45.68 -0.65	3.26 2.24 3.17 3.57 1.89 6.78 5.31 3.17 3.57 1.89	A 83.7 2.58													
21243+0343	1	F CA	A 105682 B 105682	9.972 0.036 10.268 0.047				321.082 282 08 +3.716 890 96 321.082 177 91 +3.716 860 77	9.21 9.21	29.80 -88.41 29.80 -88.41	5.28 3.36 3.23 4.11 2.87 8.14 6.49 3.23 4.11 2.87	A 254 0.39													
21243-2534	1	F CA	A 105674 B 105674	8.115 0.003 10.288 0.024				321.062 348 97 -25.561 123 09 321.062 205 10 -25.561 314 46	6.62 6.62	25.09 -21.60 25.09 -21.60	1.25 0.77 1.31 1.32 0.69 12.06 5.21 1.31 1.32 0.69	A 214 0.83													
21244-5435	1	F CA	A 105692 B 105692	9.441 0.009 11.305 0.047	10.156 0.026	9.366 0.021		321.100 331 60 -54.577 671 77 321.100 116 61 -54.576 706 14	6.14 6.14	49.95 -73.84 49.95 -73.84	1.92 1.41 2.06 2.08 1.16 12.86 10.45 2.06 2.08 1.16	A 352.6 3.51													
21245+3015	1	F CA	A 105700 B 105700	10.228 0.016 10.358 0.018	10.183 0.046	9.676 0.048		321.128 238 16 +30.254 865 31 321.127 872 04 +30.255 141 76	4.56 4.56	8.86 -9.28 8.86 -9.28	4.87 3.36 3.61 2.19 2.55 5.53 5.35 3.61 2.19 2.55	B 311.2 1.51													
21245-4100	1	L CA	A 105696 B 105696	6.242 0.020 6.878 0.035				321.103 328 31 -41.006 694 89 321.103 238 83 -41.006 744 17	7.04 7.04	26.40 -0.23 34.34 -3.74	2.59 1.94 1.11 1.36 0.81 5.38 3.82 1.11 2.35 1.22	A 233.9 0.301 -1.4 -0.004													
21247+2116	1	F CA	A 105713 B 105713	9.293 0.007 12.238 0.100	9.730 0.019	9.196 0.018		321.168 593 08 +21.265 233 48 321.169 186 74 +21.265 070 56	4.56 4.56	-26.06 -8.69 -26.06 -8.69	1.31 1.69 2.24 1.67 2.06 21.90 27.29 2.24 1.67 2.06	A 106 2.08													
21247-0420	1	F CB	A 105715 B 105715	8.780 0.246 9.523 0.488				321.172 806 94 -4.340 815 76 321.172 808 32 -4.340 781 65	6.06 6.06	7.09 -70.37 7.09 -70.37	7.08 15.73 1.11 1.11 0.79 14.20 24.65 1.11 1.11 0.79	A 2 0.12													
21249+5734	1	F CA	A 105732 B 105732	9.782 0.008 11.204 0.027				321.229 073 68 +57.562 856 32 321.228 899 12 +57.562 746 38	1.94 1.94	17.78 17.92 17.78 17.92	1.66 1.70 1.69 1.50 1.41 8.10 7.88 1.69 1.50 1.41	A 220 0.52													
21251+0923	1	F NB	G A 105747 B 105747 C 105743	8.173 0.376 8.301 0.421 9.533 0.078	9.716 0.026	9.301 0.027		321.273 605 05 +9.384 071 53 321.273 591 14 +9.384 035 13 321.267 045 71 +9.380 534 17	6.53 6.53 6.53	22.09 4.95 22.09 4.95 22.09 4.95	5.60 9.80 1.50 1.62 1.15 12.63 12.97 1.50 1.62 1.15 9.82 10.85 1.50 1.62 1.15	A 201 0.14 A 241.34 26.55													
21251+5229	1	F CA	A 105749 B 105749	8.674 0.005 11.896 0.094				321.279 011 63 +52.475 161 48 321.278 784 08 +52.475 354 15	5.78 5.78	53.30 -11.81 53.30 -11.81	0.98 0.95 1.04 1.01 0.89 20.85 22.79 1.04 1.01 0.89	A 324 0.85													
21252+1828	1	F CA	A 105753 B 105753	7.877 0.004 10.163 0.032				321.289 475 19 +18.462 629 95 321.289 331 37 +18.462 532 78	5.33 5.33	8.41 -4.74 8.41 -4.74	1.09 1.10 1.31 1.35 1.14 9.46 8.19 1.31 1.35 1.14	A 235 0.60													
21253+2928	1	F CA	A 105770 B 105770	7.708 0.015 8.852 0.042				321.333 262 69 +29.461 706 29 321.333 159 80 +29.461 712 22	2.77 2.77	11.68 -0.55 11.68 -0.55	2.66 1.66 0.95 0.88 0.71 5.22 5.55 0.95 0.88 0.71	A 274 0.323													
21255+0203	1	F NC	G A 105792 B 105792 C 105792	7.820 0.645 9.270 2.456 11.327 0.325				321.378 236 40 +2.043 053 12 321.378 231 11 +2.043 078 04 321.375 447 89 +2.039 823 54	5.36 5.36 5.36	7.23 -17.99 7.23 -17.99 7.23 -17.99	2.97 10.86 1.29 1.63 1.06 21.99 74.77 1.29 1.63 1.06 70.98 55.34 1.29 1.63 1.06	A 348 0.09 A 220.8 15.36													
21260+4112	1	F CC	A 105824 B 105824	9.843 0.042 12.808 0.650				321.496 729 33 +41.194 425 24 321.496 644 78 +41.194 413 50	3.53 3.53	-2.72 -0.21 -2.72 -0.21	4.14 3.11 1.57 1.22 1.21 87.81 60.04 1.57 1.22 1.21	A 260 0.23													
21260+4950	1	F CA	A 105825 B 105825	9.479 0.055 10.137 0.101				321.504 212 17 +49.840 237 01 321.504 175 62 +49.840 182 32	1.49 1.49	-6.84 -11.75 -6.84 -11.75	4.24 5.39 1.05 1.15 0.90 8.29 9.10 1.05 1.15 0.90	A 203 0.21													
21263-6806	1	F CA	A 105842 B 105842	8.931 0.007 11.922 0.111	8.889 0.010	8.902 0.012		321.565 179 60 -68.100 143 35 321.567 811 34 -68.100 994 14	3.00 3.00	10.47 -6.31 10.47 -6.31	1.05 1.23 1.60 1.11 1.22 18.22 24.83 1.60 1.11 1.22	A 130.9 4.68													



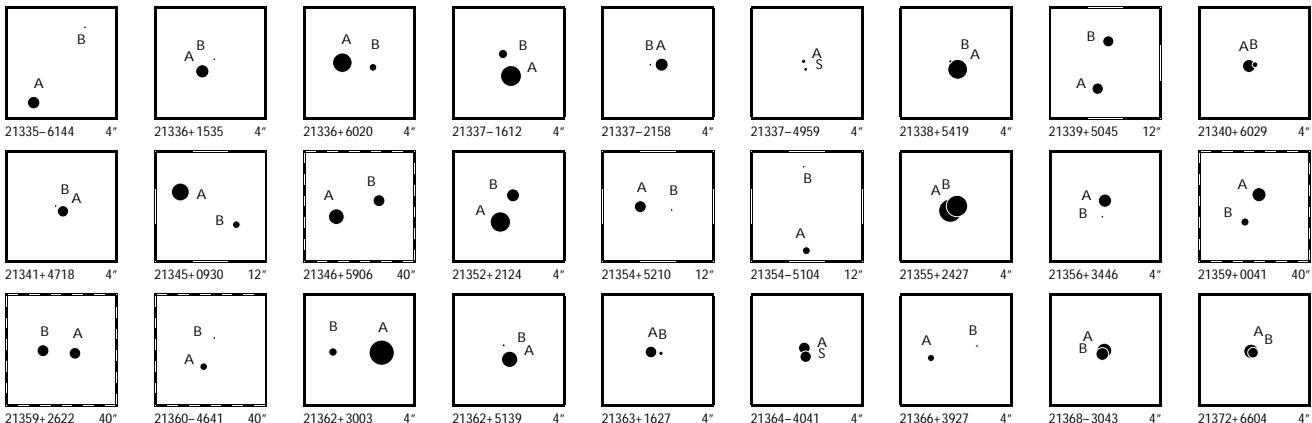
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21265-2026	1	LNC	G	A 105862 C 105862 B 105862	9.114 0.012 10.581 0.043 12.192 0.207	9.133 0.015	9.014 0.019	321.609 420 09 -20.424 756 85 321.610 110 40 -20.426 187 52 321.610 184 91 -20.424 472 89	4.14 4.14 4.14	0.92 -9.80 -35.55 6.00 57.56 -1.16	2.53 1.63 1.89 2.51 1.41 15.91 10.38 1.89 8.85 7.01 62.50 47.10 1.89 39.84 30.66	A 155.7 A 68	5.65 2.78	+0.3 0	-0.03 +0.06											
21265-7008	1	FCA		A 105870 B 105870	8.848 0.007 11.488 0.078	9.248 0.012	8.776 0.012	321.624 371 03 -70.127 324 83 321.625 206 24 -70.126 680 20	5.85 5.85	24.27 -44.35 24.27 -44.35	1.28 1.34 1.54 1.35 1.44 15.17 28.54 1.54 1.35 1.44	A 23.4 A 23.4	2.57													
21267+1341	1	FCA		A 105882 B 105882	7.367 0.013 9.140 0.043	7.395 0.011	7.293 0.015	321.671 400 08 +13.688 290 78 321.670 801 34 +13.687 526 51	4.37 4.37	-2.31 -10.65 -2.31 -10.65	1.64 1.36 1.67 2.31 1.37 10.43 8.06 1.67 2.31 1.37	A 217.3	3.46													
21270-4233	1	FCA		A 105913 B 105913	5.693 0.002 8.298 0.019	6.049 0.004	5.622 0.005	321.756 923 85 -42.547 965 63 321.757 487 64 -42.548 658 06	18.57 18.57	-49.29 14.46 -49.29 14.46	0.71 0.54 0.76 0.69 0.51 7.00 5.28 0.76 0.69 0.51	A 149.0	2.907													
21273+5953	1	FCA		A 105934 B 105934	9.449 0.031 11.187 0.150			321.820 790 65 +59.891 601 59 321.820 939 49 +59.891 658 07	-0.56 -0.56	-3.90 -3.82 -3.90 -3.82	5.02 3.89 1.36 1.11 1.18 15.17 14.38 1.36 1.11 1.18	A 53	0.34													
21273-3222	1	LCA		A 105938 B 105938	8.997 0.008 9.501 0.012	9.350 0.023	8.630 0.019	321.825 655 07 -32.370 770 08 321.825 233 63 -32.370 714 74	13.12 13.12	-9.82 10.06 -1.59 1.36	2.36 1.92 2.05 2.02 1.38 7.48 4.08 2.05 4.63 2.18	A 278.8	1.30	-0.3 -0.01												
21274-0701	1	FCA		A 105947 B 105947	7.972 0.153 9.142 0.450			321.846 862 67 -7.015 587 55 321.846 867 75 -7.015 622 35	17.11 17.11	12.65 -91.93 12.65 -91.93	5.01 8.68 1.13 1.49 0.89 14.18 27.23 1.13 1.49 0.89	A 172	0.13													
21274-1335	1	FCB		A 105946 B 105946	7.239 0.048 9.307 0.325			321.846 766 81 -13.587 600 08 321.846 762 81 -13.587 565 02	2.18 2.18	11.64 0.49 11.64 0.49	5.00 3.19 0.92 1.43 0.54 31.71 17.30 0.92 1.43 0.54	A 354	0.13													
21275-2016	1	FCA		A 105957 B 105957	8.898 0.007 12.020 0.123	9.368 0.016	8.834 0.016	321.876 722 62 -20.267 785 78 321.876 497 06 -20.268 566 97	5.28 5.28	-10.02 -29.71 -10.02 -29.71	1.78 1.23 1.82 2.16 1.13 36.94 30.76 1.82 2.16 1.13	A 195	2.91													
21278-3900	1	FCB		A 105977 B 105977	9.894 0.018 9.973 0.019	10.101 0.034	9.586 0.032	321.950 828 34 -38.998 506 59 321.952 089 66 -38.999 088 50	7.20 7.20	35.26 12.90 35.26 12.90	5.17 3.36 4.74 6.25 2.77 7.39 5.72 4.74 6.25 2.77	A 120.7	4.10													
21280+5317	1	FCA		A 105990 B 105990	7.284 0.003 9.891 0.032			321.999 021 93 +53.289 289 39 321.999 138 90 +53.289 397 72	5.24 5.24	22.60 -1.83 22.60 -1.83	0.77 0.75 0.69 0.65 0.60 9.19 7.42 0.69 0.65 0.60	A 33	0.46													
21281+0440	1	FCA		A 105996 B 105996	10.218 0.136 10.402 0.161			322.014 558 13 +4.667 316 04 322.014 550 56 +4.667 268 98	-0.79 -0.79	-28.61 -35.46 -28.61 -35.46	8.40 12.73 1.53 2.20 1.20 10.45 10.94 1.53 2.20 1.20	A 189	0.17													
21281-1450	1	FCA		A 105997 B 105997	9.651 0.008 12.425 0.095	10.780 0.056	9.610 0.032	322.015 698 86 -14.833 145 59 322.015 397 73 -14.833 106 63	2.13 2.13	32.10 5.96 32.10 5.96	2.25 1.33 2.02 2.60 1.31 34.82 25.61 2.02 2.60 1.31	A 278	1.06													
21285+8700	1	FCB		A 106030 B 106030	8.512 0.008 11.964 0.177			322.135 583 18 +87.001 735 13 322.133 397 63 +87.001 749 96	3.66 3.66	13.81 17.33 13.81 17.33	1.79 1.10 1.01 1.04 0.94 33.57 28.76 1.01 1.04 0.94	A 277	0.41													
21287+4952	1	FCA		A 106038 B 106038	9.530 0.007 10.562 0.016	9.759 0.023	9.458 0.027	322.179 468 36 +49.868 481 85 322.175 695 64 +49.867 806 03	1.82 1.82	11.78 9.31 11.78 9.31	1.50 1.31 1.56 1.70 1.32 5.54 4.96 1.56 1.70 1.32	A 254.47	9.09													
21288+7756	1	FCA		A 106048 B 106048	7.477 0.003 10.803 0.061	8.842 0.010	7.422 0.006	322.196 524 42 +77.935 269 41 322.195 723 75 +77.934 555 15	4.54 4.54	-8.99 -17.93 -8.99 -17.93	0.66 0.63 0.65 0.70 0.63 13.26 19.25 0.65 0.70 0.63	A 193.2	2.64													
21289+1106	1	LCA		A 106053 B 106053	7.477 0.005 7.484 0.005	7.759 0.029	7.340 0.033	322.219 960 92 +11.084 787 66 322.219 456 26 +11.084 754 29	7.92 7.92	74.24 17.10 68.96 10.43	1.67 1.29 1.49 1.67 1.15 2.22 2.00 1.49 2.11 1.85	A 266.1	1.787	-0.2 +0.006												
21290+5844	1	FND	D	A 106059 C 106059	8.393 0.257 9.636 0.808			322.240 681 58 +58.739 802 69 322.240 660 27 +58.739 772 87	0.97 0.97	-1.21 -2.92 -1.21 -2.92	4.95 10.09 0.79 0.62 0.66 21.36 49.83 0.79 0.62 0.66	A 200	0.11													
21291+1211	1	FCC		A 106074 C 106074	11.534 0.045 13.024 0.176			322.278 942 87 +12.184 122 13 322.279 211 22 +12.184 389 19	19.71 19.71	155.31 -460.79 155.31 -460.79	9.17 5.66 8.49 9.79 6.69 54.47 56.73 8.49 9.79 6.69	A 44	1.35													
21293-3850	1	FCA		A 106083 B 106083	8.343 0.007 11.178 0.093	8.687 0.015	8.243 0.015	322.330 347 76 -38.827 753 61 322.331 467 96 -38.825 971 63	7.64 7.64	10.32 18.92 10.32 18.92	1.42 1.15 1.42 1.62 1.06 24.03 22.22 1.42 1.62 1.06	A 26.1	7.14													
21296+4626	1	FCC		A 106108 B 106108	6.803 0.005 10.843 0.193			322.403 005 99 +46.426 453 77 322.402 908 04 +46.426 364 27	2.48 2.48	8.27 2.47 8.27 2.47	0.90 0.90 0.73 0.78 0.60 39.72 38.09 0.73 0.78 0.60	A 217	0.40													
21297+1356	1	FCA		A 106114 B 106114	8.898 0.007 10.868 0.040			322.415 509 74 +13.927 725 01 322.415 335 92 +13.927 548 53	3.42 3.42	14.12 -7.80 14.12 -7.80	1.90 1.51 2.04 2.37 1.54 13.95 10.43 2.04 2.37 1.54	A 224	0.88													
21301+3050	1	FCA		A 106153 B 106153	8.752 0.043 10.255 0.172			322.529 170 20 +30.839 180 46 322.529 157 05 +30.839 239 59	5.40 5.40	-5.13 -5.61 -5.13 -5.61	2.80 4.97 1.16 0.91 1.04 11.18 14.84 1.16 0.91 1.04	A 349	0.22													
21304+3504	1	FCA		B 106174 A 106174	9.311 0.007 9.790 0.011	8.969 0.015	8.940 0.018	322.589 748 15 +35.061 241 39 322.589 612 33 +35.060 895 79	1.57 1.57	0.73 2.00 0.73 2.00	1.45 1.80 2.17 1.36 1.53 3.42 5.23 2.17 1.36 1.53	B 197.8	1.31													
21304-2426	1	FCA		A 106181 B 106181	8.720 0.006 10.695 0.033	9.644 0.022	8.560 0.014	322.598 105 12 -24.427 436 48 322.597 672 78 -24.427 557 30	3.32 3.32	10.49 -9.50 10.49 -9.50	1.61 1.09 1.67 1.68 1.03 12.17 8.52 1.67 1.68 1.03	A 252.9	1.48													
21304-6028	1	FCA		A 106178 B 106178	9.635 0.010 10.436 0.021	10.001 0.018	9.370 0.017	322.592 839 41 -60.464 073 28 322.591 617 05 -60.464 541 87	5.06 5.06	-18.71 -27.78 -18.71 -27.78	2.19 1.78 2.80 2.61 1.91 6.33 4.44 2.80 2.61 1.91	A 232.1	2.75													
21306+0710	1	FCA		A 106195 B 106195	8.009 0.008 10.883 0.107	8.406 0.011	7.917 0.012	322.650 112 47 +7.173 743 79 322.650 410 77 +7.173 664 28	5.36 5.36	-15.25 -8.01 -15.25 -8.01	1.36 1.06 1.38 1.66 1.12 24.93 16.76 1.38 1.66 1.12	A 105	1.10													



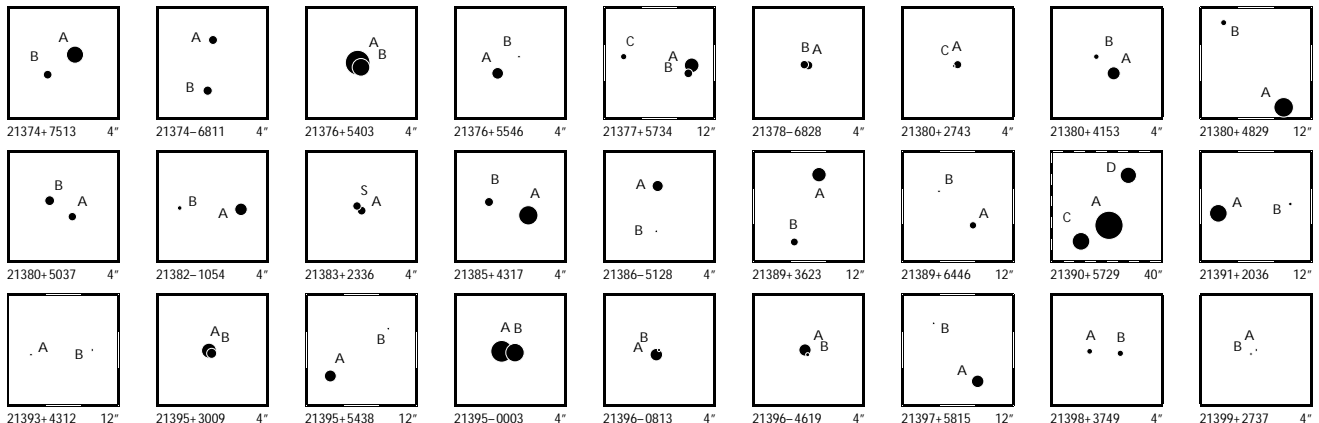
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt						
1	2	3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21306+4213	1	F	CA	A 106191 B 106191	8.314 0.005 11.292 0.068	8.585 0.009 11.821 0.211	8.253 0.010 11.263 0.202		322.645 851 43 322.644 550 18	+42.211 242 94 +42.212 699 33	5.83 5.83	-4.93 -4.93	-6.22 -6.22	0.94 0.93 20.07 17.58	1.20 0.99 1.20 0.99	0.97 0.97	A	326.5	6.29										
21307-3838	1	F	CA	A 106203 B 106203	7.667 0.004 10.645 0.049				322.676 754 38 322.676 979 99	-38.638 062 72 -38.637 885 39	9.47 9.47	-8.17 -8.17	-51.12 -51.12	1.05 0.91 19.60 14.52	1.09 1.21 1.09 1.21	0.79 0.79	A	45	0.90										
21310-3633	1	F	CA	A 106224 S 106224	8.296 0.019 8.681 0.027				322.740 433 19 322.740 501 79	-36.547 134 52 -36.547 054 70	9.66 9.66	-13.97 -13.97	25.60 25.60	2.83 2.45 5.44 3.28	1.39 1.39	1.57 0.95 1.57 0.95	A	35	0.349										
21312-1716	1	F	CB	A 106251 B 106251	8.492 0.006 12.545 0.222	8.739 0.013	8.449 0.015		322.812 603 96 322.813 359 99	-17.259 880 13 -17.260 319 13	3.62 3.62	7.11 7.11	-26.99 -26.99	1.33 0.96 56.07 44.67	1.42 1.58 1.42 1.58	0.92 0.92	A	121	3.04										
21314+4004	1	F	CA	A 106263 B 106263	7.586 0.004 11.054 0.101	7.984 0.006	7.531 0.006		322.847 110 78 322.847 338 99	+40.065 162 51 +40.065 947 76	11.02 11.02	-22.84 -22.84	-30.10 -30.10	0.65 0.72 19.82 18.43	0.93 0.66 0.93 0.66	0.77 0.77	A	12.5	2.90										
21314+4821	1	F	CA	A 106262 B 106262	8.082 0.049 9.742 0.226				322.846 601 73 322.846 526 77	+48.356 537 91 +48.356 558 47	3.06 3.06	-7.78 -7.78	-20.73 -20.73	4.54 3.34 16.27 14.09	0.82 0.93 0.82 0.93	0.72 0.72	A	292	0.19										
21314+5754	1	F	CC	A 106265 B 106265	9.657 0.010 12.797 0.168	9.791 0.019	9.644 0.024		322.858 120 57 322.859 908 02	+57.899 034 46 +57.899 111 38	2.92 2.92	-1.61 -1.61	-3.32 -3.32	1.44 1.36 42.86 40.72	1.51 1.37 1.51 1.37	1.28 1.28	A	85	3.43										
21314-1914	1	F	ND	A 106264 B 106264	7.254 0.005 11.245 0.203	7.545 0.007	7.198 0.006		322.856 094 07 322.856 052 85	-19.237 506 62 -19.238 106 02	9.10 9.10	60.46 60.46	-14.20 -14.20	1.25 0.82 52.26 37.01	1.24 1.36 1.24 1.36	0.75 0.75	A	184	2.16										
21315-0845	1	F	CA	A 106268 B 106268	9.345 0.074 10.977 0.334				322.866 493 79 322.866 456 38	-8.742 977 32 -8.742 939 38	2.98 2.98	9.51 9.51	-14.82 -14.82	5.62 5.75 22.24 20.74	1.52 1.88 1.52 1.88	1.01 1.01	A	316	0.19										
21315-3834	1	F	CA	A 106271 B 106271	9.902 0.017 11.054 0.049	11.305 0.085	9.888 0.040		322.869 779 26 322.869 289 47	-38.556 375 35 -38.555 064 29	14.41 14.41	42.15 42.15	-35.86 -35.86	7.16 6.20 16.08 16.79	3.98 3.98	8.11 4.45 8.11 4.45	A	343.7	4.92										
21318+3349	1	F	CA	A 106303 B 106303	8.554 0.005 8.667 0.005	8.725 0.016 8.771 0.018	8.451 0.018 8.515 0.021		322.953 906 29 322.954 117 24	+33.815 628 09 +33.816 676 62	4.63 4.63	-0.45 -0.45	-2.01 -2.01	1.09 1.42 2.00 2.97	1.79 1.05 1.79 1.05	1.23 1.23	A	9.49	3.827										
21322+1055	1	F	CA	A 106337 B 106337	7.436 0.040 9.076 0.179				323.049 187 66 323.049 121 91	+10.910 828 76 +10.910 801 70	3.40 3.40	4.37 4.37	1.83 1.83	4.94 2.37 17.35 9.44	1.04 1.22 1.04 1.22	0.75 0.75	A	247	0.25										
21323+5934	1	F	CB	A 106349 B 106349	8.367 0.164 10.097 0.805				323.086 359 93 323.086 299 18	+59.572 539 65 +59.572 560 40	1.59 1.59	-2.31 -2.31	-2.81 -2.81	10.72 6.34 31.29 26.57	0.69 0.58 0.69 0.58	0.56 0.56	A	304	0.13										
21323-4851	1	F	CA	A 106345 B 106345	8.435 0.005 10.796 0.042				323.065 722 29 323.065 721 92	-48.853 518 79 -48.853 407 32	6.38 6.38	46.76 46.76	-43.72 -43.72	1.44 1.26 13.12 8.89	1.41 1.20 1.41 1.20	0.73 0.73	A	360	0.40										
21323-5936	1	F	CA	A 106344 B 106344	10.226 0.013 10.614 0.019				323.064 086 30 323.063 912 05	-59.592 994 58 -59.593 290 03	8.43 8.43	32.08 32.08	-19.29 -19.29	2.70 2.36 6.61 6.40	3.30 2.73 3.30 2.73	2.01 2.01	A	196.6	1.11										
21327+5459	1	F	CA	A 106377 B 106377	9.215 0.011 11.135 0.064				323.171 824 78 323.171 836 50	+54.978 082 21 +54.978 182 51	3.98 3.98	12.01 12.01	12.84 12.84	2.34 2.26 16.81 11.39	1.55 1.46 1.55 1.46	1.39 1.39	A	4	0.36										
21327-4318	1	F	CA	A 106372 B 106372	9.841 0.007 12.127 0.051				323.165 664 18 323.165 658 43	-43.298 298 16 -43.298 520 03	2.16 2.16	2.05 2.05	-10.09 -10.09	1.83 1.80 18.06 17.08	2.37 1.87 2.37 1.87	1.57 1.57	A	181	0.80										
21328+3904	1	F	CA	A 106386 B 106386	9.277 0.022 10.128 0.048				323.206 927 81 323.206 845 00	+39.072 261 18 +39.072 216 33	0.44 0.44	-6.36 -6.36	-9.96 -9.96	3.04 2.53 6.43 5.94	1.44 1.12 1.44 1.12	1.17 1.17	A	235	0.28										
21328+5840	1	L	CA	A 106383 B 106383	8.486 0.005 9.714 0.013	8.444 0.009 9.920 0.028	8.427 0.011 9.530 0.031		323.206 726 58 323.202 904 90	+58.658 226 06 +58.658 955 49	2.96 2.96	9.10 2.26	3.54 -12.79	1.05 1.05 4.10 3.99	1.07 1.07	0.78 2.12 0.78 2.12	A	290.15	7.623	-0.13	+0.001								
21328-0053	1	F	CA	A 106385 B 106385	10.158 0.027 12.487 0.227				323.206 232 62 323.206 229 65	-0.883 123 48 -0.883 023 80	3.86 3.86	-11.07 -11.07	-11.26 -11.26	3.51 5.03 27.02 27.58	3.49 4.07 3.49 4.07	3.13 3.13	A	358	0.36										
21328-5103	1	F	CA	A 106387 B 106387	11.072 0.013 11.189 0.015				323.210 028 20 323.210 338 98	-51.050 304 20 -51.050 471 35	3.00 3.00	-11.62 -11.62	-1.74 -1.74	5.10 3.74 6.46 5.29	3.88 3.63 3.88 3.63	2.54 2.54	B	131	0.93										
21330+2043	1	L	CA	A 106395 B 106395	7.700 0.004 8.077 0.006				323.243 056 14 323.242 945 69	+20.711 581 79 +20.712 481 77	18.41 18.41	-12.08 1.49	-39.12 -40.52	1.31 1.35 3.12 2.38	1.46 1.31 1.46 3.04	1.11 1.97	A	353.5	3.261	+0.2	-0.003								
21330+2408	1	F	CA	A 106394 B 106394	8.778 0.006 11.516 0.070				323.238 525 72 323.238 342 73	+24.127 270 14 +24.127 204 70	26.18 26.18	334.76 334.76	51.36 51.36	1.56 1.36 24.29 25.58	1.81 1.60 1.81 1.60	1.44 1.44	A	249	0.65										
21330-4738	1	F	CB	A 106399 B 106399	9.313 0.010 12.409 0.168	9.787 0.017	9.230 0.016		323.252 058 40 323.251 557 77	-47.628 737 51 -47.628 485 11	5.36 5.36	12.33 12.33	-50.71 -50.71	1.70 1.33 34.30 32.71	2.04 2.04	1.64 1.02 1.64 1.02	A	307	1.52										
21332-4119	1	F	CA	A 106411 B 106411	10.235 0.016 11.108 0.030	10.687 0.055	10.052 0.049		323.293 556 58 323.295 506 14	-41.324 665 71 -41.323 901 71	3.17 3.17	-9.32 -9.32	-23.60 -23.60	3.44 2.47 14.01 7.09	3.57 4.10 3.57 4.10	2.03 2.03	A	62.4	5.95										
21333+3058	1	F	CA	A 106423 P 106423	10.309 0.012 12.360 0.077				323.337 914 19 323.337 731 61	+30.962 057 14 +30.962 055 92	7.60 7.60	100.40 100.40	37.66 37.66	2.68 2.15 14.50 21.81	2.75 2.63 2.75 2.63	2.07 2.07	A	270	0.56										
21335-0230	1	F	CA	A 106439 B 106439	10.889 0.019 12.474 0.081				323.380 671 38 323.381 080 23	-2.505 755 02 -2.505 942 64	22.92 22.92	175.47 175.47	-95.37 -95.37	3.43 2.39 17.62 13.21	3.57 4.25 3.57 4.25	2.94 2.94	A	115	1.62										



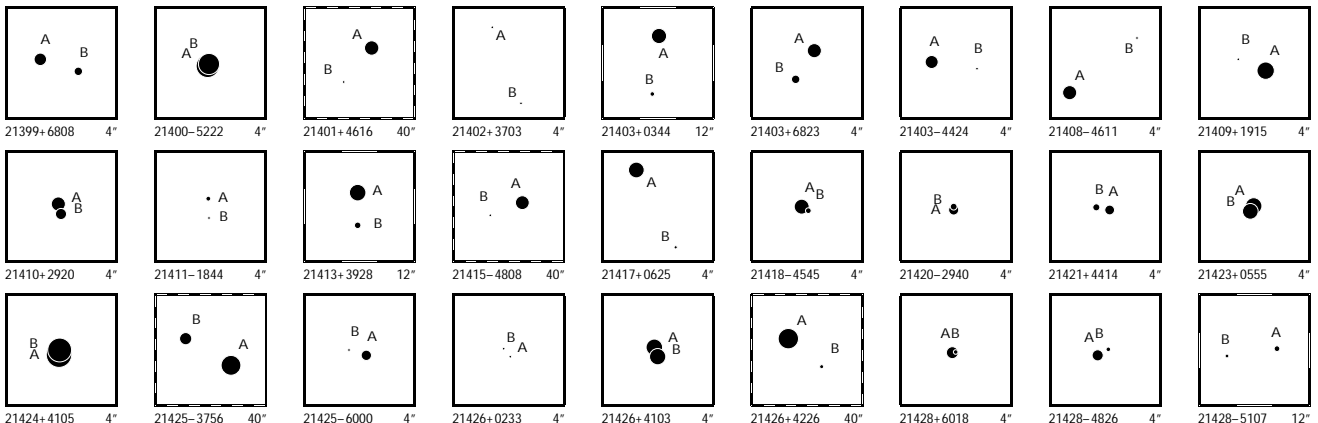
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
21335-6144	1	FNC	A 106434 B 106434	9.249 0.005 12.931 0.143	9.670 0.011	9.191 0.011		323.367 401 13 323.366 282 80	-61.732 355 22 -61.731 580 73	4.22 4.22	2.89 -9.58 2.89 -9.58	0.80 1.10 1.73 32.36 47.96 1.73	0.86 1.13 0.86 1.13	A 326	3.38												
21336+1535	1	FCB	A 106451 B 106451	9.037 0.007 12.299 0.133				323.410 393 07 323.410 272 68	+15.582 248 20 +15.582 367 81	6.26 6.26	5.56 -8.61 5.56 -8.61	1.84 1.33 1.89 37.38 30.44 1.89	2.20 1.23 2.20 1.23	A 316	0.60												
21336+6020	1	FCA	A 106450 B 106450	7.684 0.003 10.312 0.032	7.752 0.008	7.596 0.009		323.409 882 98 323.409 257 41	+60.335 183 80 +60.335 139 39	3.36 3.36	9.75 0.34 9.75 0.33	0.78 0.74 0.81 10.26 8.55 0.81	0.77 0.74 0.77 0.74	A 261.8	1.13												
21337-1612	1	FCA	A 106456 B 106456	7.379 0.003 9.931 0.030				323.417 613 10 323.417 698 58	-16.200 704 86 -16.200 476 56	14.57 14.57	32.25 -111.41 32.25 -111.41	1.27 0.75 1.22 15.59 7.60 1.22	1.35 0.70 1.35 0.70	A 20	0.87												
21337-2158	1	FCA	A 106454 B 106454	9.112 0.012 11.723 0.136				323.414 264 99 323.414 391 30	-21.969 225 54 -21.969 228 99	11.09 11.09	-63.77 -84.40 -63.77 -84.40	3.05 1.58 2.12 27.97 20.07 2.12	2.18 1.27 2.18 1.27	A 92	0.42												
21337-4959	1	FCA	A 106459 S 106459	11.065 0.061 11.159 0.066				323.431 255 53 323.431 216 95	-49.986 681 10 -49.986 763 63	7.47 7.47	-3.29 9.50 -3.29 9.50	9.89 7.51 2.70 6.93 6.31 2.70	2.11 1.82 2.11 1.82	A 197	0.31												
21338+5419	1	FCC	A 106462 B 106462	7.640 0.006 11.254 0.177				323.440 900 42 323.441 017 98	+54.315 987 84 +54.316 067 61	2.78 2.78	-7.43 -8.50 -7.43 -8.50	1.48 1.26 0.91 45.74 38.56 0.91	0.87 0.75 0.87 0.75	A 41	0.38												
21339+5045	1	FCA	A 106476 B 106476	9.489 0.010 9.545 0.010	9.623 0.024 9.667 0.025	9.323 0.027 9.471 0.032		323.480 919 25 323.480 402 98	+50.751 105 94 +50.752 566 89	0.38 0.38	-1.73 -1.26 -1.73 -1.26	2.07 1.95 2.07 3.74 4.12 2.07	1.90 1.87 1.90 1.87	A 347.40	5.389												
21340+6029	1	FCA	A 106479 B 106479	9.100 0.057 10.745 0.257				323.488 050 21 323.487 932 47	+60.490 189 16 +60.490 199 36	0.67 0.67	-1.90 -3.64 -1.90 -3.64	5.85 4.87 1.23 26.62 20.25 1.23	1.18 1.07 1.18 1.07	A 280	0.21												
21341+4718	1	FCA	A 106485 B 106485	9.505 0.016 11.750 0.122				323.513 489 21 323.513 601 30	+47.294 813 68 +47.294 875 69	1.37 1.37	-3.23 -2.44 -3.23 -2.44	2.73 2.41 1.35 18.18 17.55 1.35	1.47 1.42 1.47 1.42	A 51	0.35												
21345+0930	1	FCA	A 106519 B 106519	8.014 0.006 10.325 0.045				323.623 802 12 323.622 065 89	+9.499 905 17 +9.498 895 74	14.62 14.62	49.66 -88.92 49.66 -88.92	1.41 0.90 1.35 12.01 7.38 1.35	1.57 0.96 1.57 0.96	A 239.5	7.16												
21346+5906	1	ICA	A 106530 B 106524	8.498 0.026 9.349 0.038	8.979 0.015 9.632 0.022	8.417 0.014 9.092 0.021		323.645 218 22 323.636 649 05	+59.106 609 90 +59.108 247 96	7.83 9.74	16.47 3.59 21.71 12.29	2.56 2.47 2.35 9.18 9.96 4.72	2.20 2.30 6.12 6.66	A 290.42	16.90 +0.03 0.00												
21352+2124	1	FCA	A 106582 B 106582	7.500 0.003 9.127 0.014	7.834 0.009	7.301 0.009		323.799 873 00 323.799 723 48	+21.404 136 78 +21.404 408 15	10.58 10.58	41.11 -8.63 41.11 -8.63	0.87 0.78 1.20 4.41 4.57 1.20	1.07 0.81 1.07 0.81	A 332.8	1.098												
21354+5210	1	FCA	A 106596 B 106596	9.331 0.012 11.772 0.111	9.354 0.017	9.265 0.021		323.833 628 90 323.832 020 28	+52.169 580 03 +52.169 476 02	-0.70 -0.70	-3.93 -5.19 -3.93 -5.19	1.56 1.52 1.64 17.87 20.69 1.64	1.52 1.45 1.52 1.45	A 264.0	3.57												
21354-5104	1	LCA	A 106602 B 106602	10.259 0.013 11.483 0.037	11.200 0.068	10.189 0.045		323.851 515 01 323.851 696 59	-51.069 892 05 -51.067 309 97	3.68 3.68	9.51 -9.31 -22.11 -1.14	3.33 2.73 3.43 15.72 16.00 3.43	2.89 1.86 9.94 6.65	A 2.5	9.30 -0.2 +0.01												
21355+2427	1	FCA	A 106605 B 106605	6.826 0.008 7.274 0.012				323.862 619 65 323.862 542 29	+24.452 186 95 +24.452 231 93	4.73 4.73	11.99 -10.83 11.99 -10.83	1.19 1.33 0.72 2.03 2.51 0.72	0.68 0.57 0.68 0.57	A 303	0.301												
21356+3446	1	FCA	A 106612 B 106612	9.045 0.005 11.490 0.047				323.895 402 97 323.895 437 49	+34.772 247 96 +34.772 073 75	3.35 3.35	6.68 12.90 6.68 12.90	0.98 1.23 1.54 11.29 11.40 1.54	0.91 1.08 0.91 1.08	A 171	0.64												
21359+0041	1	ICA	A 106632 B 106633	8.878 0.008 10.229 0.022	9.466 0.023 10.928 0.063	8.830 0.020 9.976 0.042		323.981 514 55 323.982 920 53	+0.680 980 67 +0.678 138 55	14.48 18.93	-144.64 51.42 -141.79 54.26	3.09 1.93 2.57 11.93 7.40 7.85	3.59 1.76 10.81 5.24	A 153.7	11.415 0.0 -0.001												
21359+2622	1	ICA	A 106637 A 106635	9.375 0.020 9.391 0.020	9.834 0.028 9.811 0.026	9.254 0.026 9.231 0.025		323.988 825 11 323.985 154 92	+26.369 905 16 +26.369 598 39	-0.56 3.86	34.78 6.23 40.18 9.10	7.33 6.63 3.94 3.92 3.37 3.65	5.22 4.99 3.99 3.29	B 264.67	11.89 +0.01 -0.01												
21360-4641	1	FCA	A 106640 B 106639	10.328 0.009 12.763 0.077	10.629 0.028	10.272 0.033		324.002 112 37 324.000 521 74	-46.865 683 87 -46.862 715 50	1.22 1.22	-2.98 -5.26 -2.98 -5.26	3.49 2.77 4.00 48.21 33.80 4.00	3.14 2.10 3.14 2.10	A 339.8	11.39												
21362+3003	1	FCA	A 106661 B 106661	6.426 0.002 10.112 0.062	7.548 0.005	6.358 0.003		324.058 405 94 324.058 980 69	+30.055 276 42 +30.055 283 03	9.14 9.14	-52.47 59.73 -52.47 59.73	0.55 0.54 0.79 11.10 19.90 0.79	0.57 0.63 0.57 0.63	A 89	1.79												
21362+5139	1	FCA	A 106659 B 106659	8.393 0.005 11.322 0.070				324.057 505 11 324.057 597 98	+51.655 138 81 +51.655 284 01	4.80 4.80	20.54 -6.66 20.54 -6.66	0.93 1.12 0.96 15.40 12.64 0.96	0.85 0.92 0.85 0.92	A 22	0.56												
21363+1627	1	FCA	A 106667 B 106667	9.402 0.020 11.049 0.093				324.071 083 49 324.070 972 30	+16.456 483 98 +16.456 468 15	4.93 4.93	-11.99 -40.08 -11.99 -40.08	5.81 6.33 3.91 27.96 39.88 3.91	4.34 3.02 4.34 3.02	A 262	0.39												
21364-4041	1	FCA	A 106676 S 106676	9.424 0.024 9.455 0.025				324.100 441 09 324.100 420 29	-40.679 598 27 -40.679 691 87	8.09 8.09	-9.61 5.93 -9.61 5.93	2.65 3.21 1.85 4.30 3.58 1.85	2.13 1.39 2.13 1.39	A 190	0.342												
21366+3927	1	LCA	A 106694 B 106694	10.462 0.015 12.172 0.069	11.954 0.113	10.424 0.043		324.161 368 49 324.160 745 18	+39.456 093 14 +39.456 209 54	46.80 46.80	-207.32 -157.45 -181.20 -167.35	2.80 2.63 3.37 17.14 18.10 3.37	2.27 2.14 8.48 8.93	A 283.6	1.78 -0.1 -0.03												
21368-3043	1	FCA	A 106701 B 106701	8.707 0.162 9.204 0.257				324.198 161 23 324.198 177 97	-30.724 613 72 -30.724 644 00	20.20 20.20	110.78 -24.23 110.78 -24.23	4.71 9.21 1.14 9.25 12.13 1.14	1.13 0.63 1.13 0.63	A 155	0.12												
21372+6604	1	FCB	A 106733 B 106733	8.811 0.341 9.651 0.740				324.308 056 21 324.307 995 58	+66.070 027 58 +66.070 010 30	3.42 3.42	-8.31 -4.74 -8.31 -4.74	13.33 16.34 0.71 32.52 31.26 0.71	0.84 0.70 0.84 0.70	A 235	0.11												



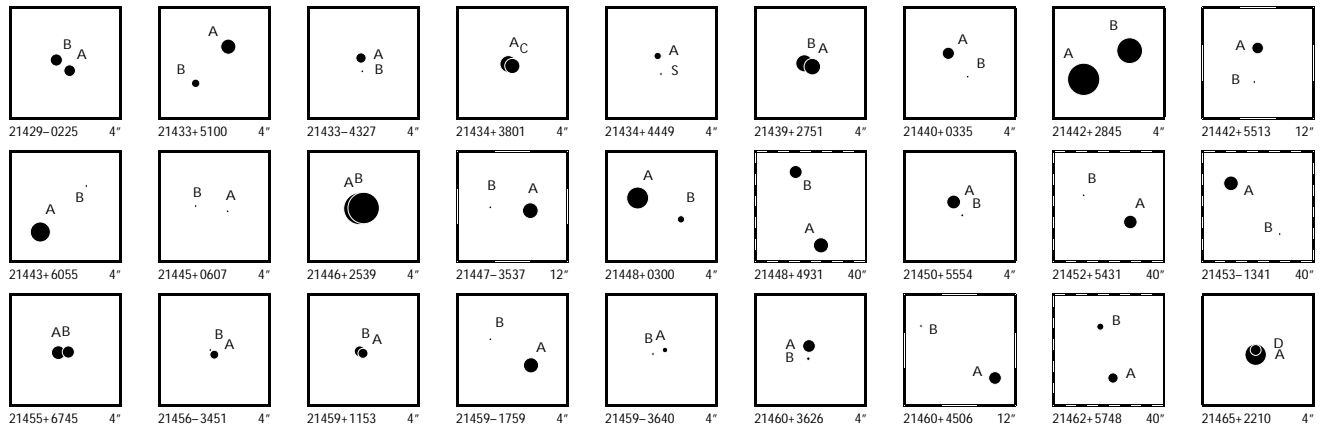
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21374+7513	1	F CA	A 106748 B 106748	8.232 0.005 10.056 0.025	8.252 0.009	8.080 0.010	324.355 600 32 +75.222 062 28 324.356 704 25 +75.221 858 23	4.56 4.56	4.20 17.47 4.20 17.47	1.08 0.90 0.94 1.10 0.89 7.96 6.15 0.94 1.10 0.89	A 125.9 1.25														
21374-6811	1	F CA	B 106750 A 106750	9.969 0.013 10.048 0.014	10.119 0.032 10.117 0.033	9.503 0.027 9.586 0.032	324.361 473 58 -68.179 119 73 324.361 332 12 -68.178 606 54	8.00 8.00	30.17 -31.84 30.17 -31.84	4.14 4.89 5.34 4.73 5.65 5.94 7.36 5.34 4.73 5.65	B 354.1 1.86														
21376+5403	1	F CA	A 106771 B 106771	6.549 0.021 8.108 0.088			324.411 736 30 +54.042 202 59 324.411 671 42 +54.042 157 83	5.04 5.04	-4.90 -0.74 -4.90 -0.74	2.10 1.88 0.63 0.56 0.57 8.61 6.75 0.63 0.56 0.57	A 220 0.21														
21376+5546	1	F CA	A 106762 B 106762	9.431 0.006 11.654 0.047			324.394 571 97 +55.763 533 43 324.394 332 04 -55.763 703 41	1.37 1.37	-4.36 -16.79 -4.36 -16.79	1.20 1.16 1.32 1.15 1.21 10.30 10.67 1.32 1.15 1.21	A 308 1.00														
21377+5734	1	F CA G	A 106774 B 106774 C 106774	8.733 0.013 10.109 0.032 10.639 0.073	10.764 0.070	10.525 0.097	324.420 550 58 +57.560 427 15 324.420 714 14 +57.560 177 97 324.424 422 80 +57.560 704 08	0.34 0.34 0.34	1.70 -7.73 1.70 -7.73 1.70 -7.73	1.69 1.87 1.82 1.56 1.89 8.33 8.81 1.82 1.56 1.89 11.17 11.42 1.82 1.56 1.89	A 161 0.95 A 82.4 7.54														
21378-6828	1	F CA	A 106791 B 106791	10.017 0.178 10.145 0.201			324.454 755 31 -68.468 521 84 324.454 868 51 -68.468 510 86	7.38 7.38	-9.59 15.99 -9.59 15.99	17.00 11.79 1.25 0.94 1.02 10.92 11.96 1.25 0.94 1.02	A 75 0.15														
21380+2743	1	F CC	A 106811 C 106811	10.170 0.202 11.753 0.869			324.500 297 39 +27.723 928 49 324.500 346 89 +27.723 913 39	76.07 76.07	472.04 -75.30 472.04 -75.30	13.08 11.19 2.53 2.28 1.86 55.10 67.03 2.53 2.28 1.86	A 109 0.17														
21380+4153	1	F CA	A 106810 B 106810	9.113 0.006 10.794 0.027			324.493 113 05 +41.880 804 34 324.493 353 39 +41.880 976 46	2.17 2.17	0.48 -2.67 0.48 -2.67	1.34 1.38 1.76 1.29 1.40 8.11 8.31 1.76 1.29 1.40	A 46 0.89														
21380+4829	1	F CA	A 106812 B 106812	7.652 0.010 10.673 0.118	7.652 0.009 10.781 0.074	7.617 0.011 10.476 0.089	324.497 392 69 +48.487 178 63 324.500 190 01 +48.489 767 07	1.36 1.36	-2.52 -3.61 -2.52 -3.61	0.95 0.99 1.14 1.08 1.11 22.12 26.44 1.14 1.08 1.11	A 35.6 11.46														
21380+5037	1	F CA	B 106819 A 106819	9.841 0.010 10.131 0.012			324.512 255 21 +50.617 592 39 324.511 886 71 +50.617 426 61	0.83 0.83	-2.33 -2.44 -2.33 -2.44	2.03 2.17 2.37 2.09 2.57 3.84 3.60 2.37 2.29 2.57	B 234.7 1.032														
21382-1054	1	F CA	A 106828 B 106828	9.268 0.007 10.993 0.030	9.841 0.041	9.132 0.035	324.545 455 75 -10.894 676 57 324.546 097 87 -10.894 657 42	11.37 11.37	202.92 119.26 202.92 119.26	2.06 1.46 2.10 2.84 1.52 11.06 10.25 2.10 2.84 1.52	A 88.3 2.27														
21383+2336	1	F CA	A 106835 S 106835	10.108 0.063 10.155 0.066			324.574 042 42 +23.598 454 30 324.574 097 05 +23.598 502 63	5.11 5.11	13.84 5.40 13.84 5.40	9.05 5.85 1.80 1.85 1.44 8.05 5.62 1.80 1.85 1.44	A 46 0.25														
21385+4317	1	F CA	A 106847 B 106847	7.752 0.006 10.018 0.045	9.044 0.012	7.668 0.007	324.613 746 79 +43.290 792 21 324.614 297 22 +43.290 929 98	4.49 4.49	0.77 2.61 0.77 2.61	0.97 0.97 1.23 1.00 0.98 9.70 9.25 1.23 1.00 0.98	A 71.0 1.53														
21386-5128	1	F CA	A 106864 B 106864	9.521 0.007 11.539 0.041	9.813 0.021	9.380 0.022	324.657 312 83 -51.460 225 33 324.657 332 04 -51.460 680 17	5.70 5.70	-11.84 2.48 -11.84 2.48	1.69 1.21 1.99 1.71 1.06 12.59 8.93 1.99 1.71 1.06	A 178.5 1.64														
21389+3623	1	F CA	A 106883 B 106883	8.827 0.005 10.255 0.019	9.040 0.010 10.313 0.029	8.740 0.011 9.945 0.032	324.734 653 09 +36.381 438 98 324.735 598 23 +36.379 371 26	4.40 4.40	-7.32 -10.90 -7.32 -10.90	1.06 1.25 1.67 1.08 1.22 3.88 4.96 1.67 1.08 1.22	A 159.80 7.93														
21389+6446	1	F CA	A 106878 B 106878	10.403 0.013 11.755 0.041	10.505 0.038	10.339 0.052	324.713 363 86 +64.769 631 54 324.715 872 51 +64.770 671 18	1.68 1.68	-6.60 -4.56 -6.60 -4.56	2.36 2.12 2.24 2.76 2.13 11.05 9.64 2.24 2.76 2.13	A 45.8 5.37														
21390+5729	1	F NC Y	A 106886 C 106890 D 106884	5.774 0.021 8.127 0.066 8.415 0.209	5.887 0.005 8.150 0.016 8.051 0.013	5.712 0.004 7.940 0.019 7.896 0.016	324.740 084 34 +57.489 049 68 324.745 390 56 +57.487 409 74 324.736 342 13 +57.494 217 74	2.78 2.78 2.78	-1.71 -5.04 -1.71 -5.04 -1.71 -5.04	0.68 0.76 0.79 0.70 0.76 10.86 11.97 0.79 0.70 0.76 29.78 32.08 0.79 0.70 0.76	A 119.9 11.84 A 338.7 19.96														
21391+2036	1	F CA	A 106903 B 106903	8.119 0.004 11.192 0.069	8.607 0.009	8.046 0.008	324.767 231 22 +20.601 562 55 324.764 862 98 +20.601 837 97	4.86 4.86	40.87 12.49 40.87 12.49	1.04 0.87 1.28 1.26 0.88 18.93 16.24 1.28 1.26 0.88	A 277.1 8.04														
21393+4312	1	F ND D	A 106923 B 106923	12.306 0.041 12.800 0.063			324.821 177 05 +43.200 381 75 324.818 582 20 +43.200 540 14	6.28 6.28	137.12 133.87 137.12 133.87	4.63 5.03 5.89 4.43 4.41 17.63 21.14 5.89 4.43 4.41	A 274.8 6.83														
21395+3009	1	F CA	A 106940 B 106940	8.700 0.100 9.796 0.275			324.876 021 32 +30.156 168 34 324.875 982 32 +30.156 147 82	4.40 4.40	23.86 5.29 23.86 5.29	5.86 4.17 0.93 0.73 0.67 15.24 9.98 0.93 0.73 0.67	A 239 0.14														
21395+5438	1	F CA	A 106939 B 106939	9.359 0.006 11.997 0.068	9.844 0.020	9.314 0.020	324.870 093 63 +54.625 881 76 324.866 996 57 +54.627 337 34	1.25 1.25	-0.07 -2.70 -0.07 -2.70	1.20 1.24 1.41 1.21 1.25 21.02 20.06 1.41 1.21 1.25	A 309.1 8.31														
21395-0003	1	L CA	A 106942 B 106942	7.225 0.006 7.899 0.011			324.880 794 13 -0.051 140 59 324.880 661 85 -0.051 161 24	23.13 23.13	237.72 12.68 229.47 28.04	1.74 1.26 1.45 1.80 0.99 3.29 3.34 1.45 2.57 2.05	A 261.1 0.482 +2.0 +0.006														
21396-0813	1	F CB	A 106945 B 106945	9.252 0.103 11.273 0.661			324.888 824 40 -8.211 721 10 324.888 796 55 -8.211 674 77	2.01 2.01	-1.31 -9.39 -1.31 -9.39	8.92 7.49 1.41 1.56 0.92 46.39 57.31 1.41 1.56 0.92	A 329 0.19														
21396-4619	1	F CA	A 106943 B 106943	9.307 0.116 11.100 0.603			324.887 948 26 -46.322 771 44 324.887 909 10 -46.322 811 96	4.75 4.75	40.02 -44.23 40.02 -44.23	7.99 8.41 1.31 0.99 0.73 37.60 39.88 1.31 0.99 0.73	A 214 0.18														
21397+5815	1	F CA	A 106956 B 106956	9.219 0.007 11.975 0.086	9.427 0.021	9.151 0.024	324.935 160 43 +58.245 566 01 324.937 724 56 +58.247 376 21	2.15 2.15	-2.45 -2.69 -2.45 -2.69	1.22 1.21 1.35 1.26 1.28 19.44 21.61 1.35 1.26 1.28	A 36.7 8.13														
21398+3749	1	F CA	B 106960 A 106960	10.591 0.016 10.739 0.018			324.952 887 41 +37.823 607 04 324.953 290 17 +37.823 625 17	6.65 6.65	-1.89 4.07 -1.89 4.07	4.34 4.48 4.31 2.43 3.49 5.70 6.46 4.31 2.43 3.49	B 86.7 1.15														
21399+2737	1	F CC	A 106972 B 106972	11.949 0.273 13.216 0.876			324.975 795 30 +27.612 633 17 324.975 850 04 +27.612 584 09	39.78 39.78	280.77 -230.38 280.77 -230.38	14.26 16.45 3.70 3.41 2.78 102.63 105.10 3.70 3.41 2.78	A 135 0.25														



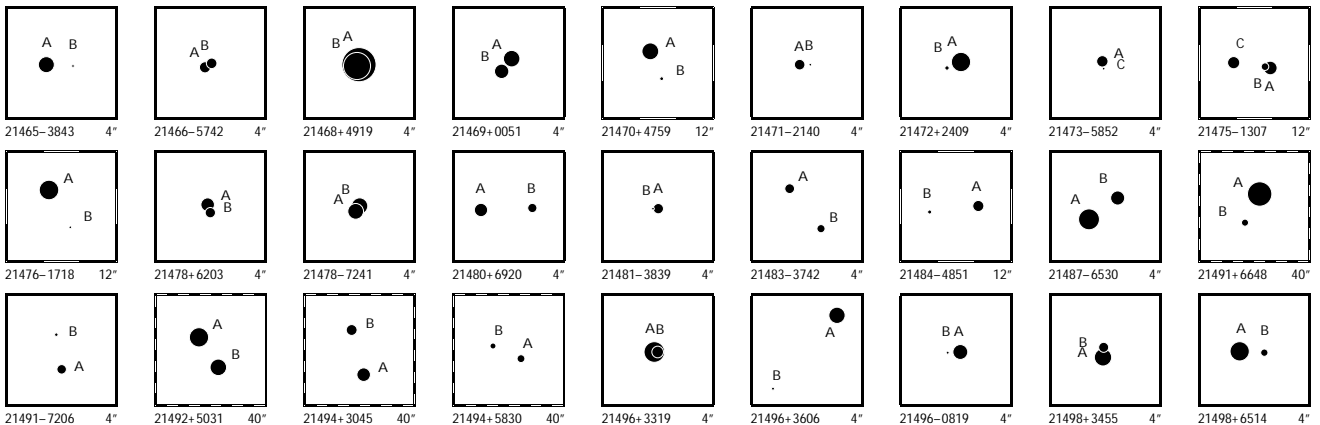
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21399+6808	1	FCA	A 106966 B 106966	9.254 0.010 10.123 0.021	8.993 0.020 9.616 0.073	9.220 0.018 9.804 0.066	8.993 0.020 9.616 0.073	324.963 242 86 +68.130 747 74 324.962 192 91 +68.130 625 22	2.02 2.02	-4.31 -7.75 -4.31 -7.75	1.58 1.55 1.49 1.79 1.67 6.00 5.38 1.49 1.79 1.67	A 252.6 1.48														
21400-5222	1	FCA	A 106978 B 106978	6.880 0.124 7.303 0.182				324.998 911 75 -52.359 035 78 324.998 880 39 -52.359 012 22	5.17 5.17	-18.75 6.71 -18.75 6.71	5.32 5.53 0.73 0.75 0.43 6.51 6.68 0.73 0.75 0.43	A 321 0.109														
21401+4616	1	FND	D A 106983 B 106983	8.830 0.010 12.112 0.188	8.839 0.015	8.877 0.011	8.839 0.015	325.018 161 83 +46.271 719 67 325.022 309 53 +46.268 240 36	3.06 3.06	14.64 1.74 14.64 1.74	1.13 1.01 1.26 1.38 1.11 53.43 44.82 1.26 1.38 1.11	A 140.5 16.23														
21402+3703	1	LNB	G A 106998 B 106998	11.445 0.015 11.550 0.017	11.054 0.077	11.739 0.089	11.054 0.077	325.045 121 40 +37.055 784 70 325.045 492 12 +37.056 558 81	6.07 6.07	35.81 2.20 27.25 -0.57	2.56 3.05 3.52 2.50 3.05 6.32 5.90 3.52 3.61 4.22	B 20.9 2.983 -0.1 -0.006														
21403+0344	1	FCA	A 107003 B 107003	8.625 0.006 10.997 0.048	8.578 0.016	8.979 0.016	8.578 0.016	325.067 869 14 +3.737 054 29 325.068 069 25 +3.735 262 50	8.03 8.03	57.38 16.10 57.38 16.10	1.57 1.08 1.59 1.80 1.04 17.06 11.00 1.59 1.80 1.04	A 173.6 6.49														
21403+6823	1	FCA	P A 107004 B 107004	8.859 0.005 10.127 0.017	8.617 0.014	8.809 0.012	8.617 0.014	325.077 682 34 +68.389 385 02 325.078 209 45 +68.389 091 59	4.88 4.88	17.93 10.61 17.93 10.61	1.14 1.10 1.10 1.36 1.15 4.33 5.67 1.10 1.36 1.15	A 146.5 1.27														
21403-4424	1	FCB	A 107006 B 107006	9.126 0.007 12.286 0.129	9.035 0.013	10.314 0.023	9.035 0.013	325.077 997 45 -44.404 948 96 325.077 342 28 -44.405 017 52	4.92 4.92	21.57 -11.36 21.57 -11.36	1.48 1.11 2.11 1.38 0.93 37.32 19.42 2.11 1.38 0.93	A 262 1.70														
21408-4611	1	FCA	A 107044 B 107044	8.872 0.003 11.442 0.034	8.834 0.011	10.248 0.021	8.834 0.011	325.192 085 24 -46.184 656 45 325.191 087 90 -46.184 089 83	4.63 4.63	-10.14 -54.32 -10.14 -54.32	1.21 1.01 1.61 1.20 0.88 11.23 8.41 1.61 1.20 0.88	A 309.4 3.22														
21409+1915	1	FCB	A 107051 B 107051	8.171 0.004 11.839 0.117	8.137 0.011	8.179 0.009	8.137 0.011	325.220 538 02 +19.257 263 96 325.220 839 11 +19.257 386 73	3.41 3.41	10.96 -6.67 10.96 -6.67	1.35 1.35 1.66 1.41 1.32 68.31 54.43 1.66 1.41 1.32	A 67 1.11														
21410+2920	1	FCA	A 107060 B 107060	8.854 0.010 9.554 0.019				325.252 622 80 +29.340 438 93 325.252 595 40 +29.340 336 51	8.91 8.91	69.54 -18.06 69.54 -18.06	2.42 2.21 2.14 1.66 1.83 6.27 4.10 2.14 1.66 1.83	A 193 0.379														
21411-1844	1	FCC	A 107068 B 107068	10.941 0.012 13.608 0.125				325.270 298 76 -18.739 573 44 325.270 292 63 -18.739 775 57	20.01 20.01	-194.91 -118.96 -194.91 -118.96	2.95 2.31 3.17 3.21 2.28 52.81 40.72 3.17 3.21 2.28	A 182 0.73														
21413+3928	1	FCA	A 107080 B 107080	8.320 0.005 10.570 0.041	8.232 0.008	9.464 0.013	8.232 0.008	325.328 531 91 +39.474 004 66 325.328 514 70 +39.472 993 55	4.11 4.11	2.29 -7.41 2.29 -7.41	0.90 1.04 1.33 0.96 1.10 7.85 10.97 1.33 0.96 1.10	A 180.8 3.64														
21415-4808	1	FCA	A 107092 B 107094	8.953 0.007 11.939 0.099	8.891 0.012	9.400 0.012	8.891 0.012	325.382 092 31 -48.128 682 11 325.387 011 44 -48.129 957 92	4.08 4.08	13.75 -18.65 13.75 -18.65	2.14 1.59 2.29 2.07 1.33 40.07 37.00 2.29 2.07 1.33	A 111.2 12.68														
21417+0625	1	FCA	A 107107 B 107107	8.524 0.007 11.293 0.082	8.424 0.015	9.222 0.018	8.424 0.015	325.432 008 45 +6.420 831 78 325.431 603 07 +6.420 044 42	18.23 18.23	45.33 0.32 45.33 0.32	1.54 1.10 1.62 1.81 1.15 25.77 14.71 1.62 1.81 1.15	A 207.1 3.18														
21418-4545	1	FCA	A 107113 B 107113	8.672 0.030 10.749 0.200				325.444 848 89 -45.758 266 02 325.444 748 70 -45.758 310 66	5.25 5.25	1.95 7.61 1.95 7.61	5.01 2.96 1.63 1.07 0.80 24.65 14.00 1.63 1.07 0.80	A 237 0.30														
21420-2940	1	FCC	A 107130 B 107130	9.793 0.606 10.508 1.170				325.509 413 37 -29.672 106 46 325.509 406 75 -29.672 074 93	2.79 2.79	-11.14 -9.08 -11.14 -9.08	7.78 20.71 1.27 1.14 0.75 31.09 84.23 1.27 1.14 0.75	A 350 0.12														
21421+4414	1	FCA	A 107141 B 107141	9.815 0.009 10.411 0.015				325.535 113 30 +44.226 250 64 325.535 299 77 +44.226 278 19	-1.39 -1.39	-4.42 -5.36 -4.42 -5.36	2.88 2.06 2.60 3.03 2.19 5.74 5.55 2.60 3.03 2.19	A 78 0.491														
21423+0555	1	FCA	A 107153 B 107153	8.332 0.043 8.501 0.050				325.576 854 79 +5.911 964 94 325.576 887 35 +5.911 918 24	5.92 5.92	-5.15 13.86 -5.15 13.86	3.99 4.42 1.16 1.38 0.88 3.78 4.53 1.16 1.38 0.88	A 145 0.205														
21424+4105	1	LCA	A 107162 B 107162	6.333 0.030 6.723 0.043				325.595 588 34 +41.077 001 55 325.595 582 82 +41.077 053 80	8.76 8.76	30.15 2.30 13.68 -7.18	1.83 3.11 0.61 1.20 0.78 2.58 3.70 0.61 1.64 0.98	A 355 0.189 -5 -0.008														
21425-3756	1	ICA	A 107170 B 107172	7.649 0.016 9.328 0.060	7.584 0.008	7.881 0.008	7.584 0.008	325.621 146 71 -37.933 217 72 325.627 111 81 -37.930 459 63	2.84 17.92	5.19 -13.18 -9.00 -6.89	2.18 1.30 1.92 2.38 1.17 28.68 13.57 10.90 20.15 8.53	A 59.62 19.63 -0.04 -0.01														
21425-6000	1	FCB	A 107171 B 107171	9.708 0.011 12.504 0.136				325.622 660 18 -59.991 880 06 325.622 997 69 -59.991 822 24	7.87 7.87	21.11 -24.48 21.11 -24.48	1.76 1.53 2.34 1.82 1.36 24.31 26.21 2.34 1.82 1.36	A 71 0.64														
21426+0233	1	FCC	A 107181 B 107181	11.747 0.058 13.264 0.234				325.648 047 26 +2.555 421 04 325.648 121 21 +2.555 502 09	16.95 16.95	103.88 -0.56 103.88 -0.56	13.56 6.73 7.77 10.59 5.25 86.26 40.80 7.77 10.59 5.25	A 42 0.39														
21426+4103	1	FCA	A 107177 B 107177	8.362 0.009 8.422 0.010				325.639 211 06 +41.047 494 48 325.639 156 99 +41.047 400 34	8.82 8.82	26.14 -0.05 26.14 -0.05	1.76 1.99 1.50 1.05 1.38 1.79 2.05 1.50 1.05 1.38	A 203 0.369														
21426+4226	1	ICA	A 107180 B 107174	7.510 0.006 11.086 0.137	7.481 0.007	7.639 0.006	7.481 0.007	325.642 302 63 +42.440 743 13 325.637 577 48 +42.437 905 94	6.40 14.31	4.66 -11.68 -31.69 25.39	1.11 1.17 1.22 1.16 1.30 36.19 43.59 18.42 26.88 37.05	A 230.9 16.18 +0.2 0.00														
21428+6018	1	FCC	A 107199 B 107199	9.347 0.169 10.958 0.747				325.694 319 61 +60.295 924 35 325.694 242 88 +60.295 932 76	0.24 0.24	-3.01 -1.53 -3.01 -1.53	9.92 8.29 0.84 0.77 0.71 51.76 23.52 0.84 0.77 0.71	A 282 0.14														
21428-4826	1	FCA	A 107208 B 107208	9.515 0.009 10.990 0.032				325.711 466 94 -48.432 865 48 325.711 301 28 -48.432 804 63	8.09 8.09	-90.52 -24.05 -90.52 -24.05	2.29 1.66 2.39 2.05 1.25 8.83 7.70 2.39 2.05 1.25	A 299 0.45														
21428-5107	1	FCA	A 107206 B 107206	10.754 0.010 11.177 0.014	10.476 0.039	11.068 0.040	10.476 0.039	325.705 272 69 -51.108 463 78 325.707 729 51 -51.108 672 09	0.66 0.66	-20.77 8.39 -20.77 8.39	5.07 3.35 4.94 5.52 2.68 7.93 4.69 4.94 5.52 2.68	A 97.7 5.60														



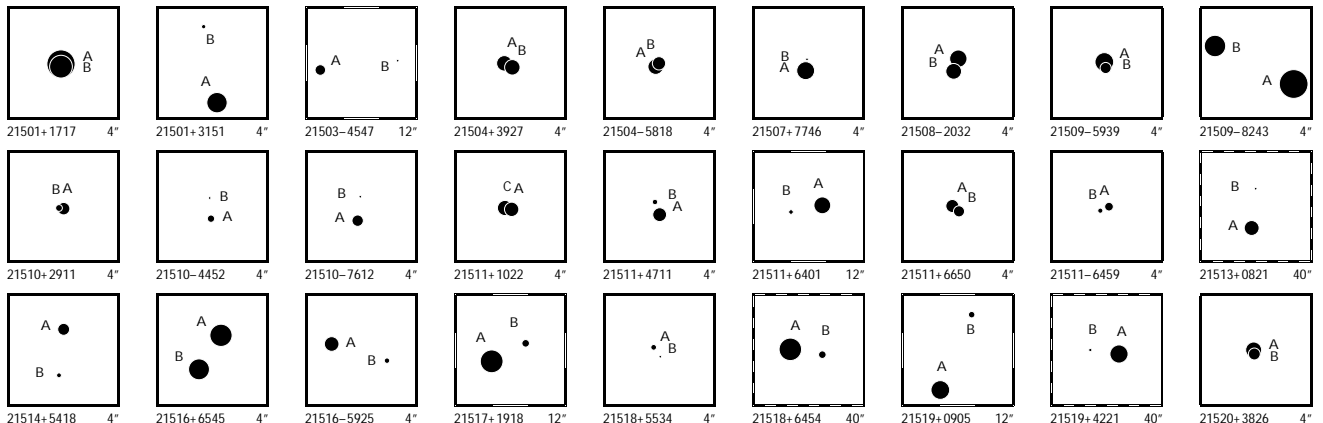
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21429-0225	1	F CA	B 107212 A 107212	9.323 9.396	0.007						325.724 586 70 325.724 444 95	-2.424 131 84 -2.424 243 26	6.50 6.50	23.04 23.04	-32.58 -32.58	4.03 4.63	3.04 3.66	2.80 2.80	3.65 3.65	2.31 2.31	B 232	0.649			
21433+5100	1	F CA	A 107241 B 107241	8.620 10.145	0.005 0.020	9.695 10.194	0.023 0.057	8.534 9.657	0.013 0.054		325.814 201 92 325.814 723 55	+51.003 355 79 +51.002 984 13	0.56 0.56	-2.67 -2.67	-8.65 -8.65	1.03 5.47	1.07 5.50	1.21 1.07	1.10 1.10	1.12 1.12	A 138.5	1.79			
21433-4327	1	F ND	A 107240 B 107240	9.693 13.530	0.006 0.208						325.814 271 61 325.814 256 80	-43.445 464 74 -43.445 599 16	7.18 7.18	17.91 17.91	-36.75 -36.75	1.86 107.71	1.11 49.21	1.74 1.74	1.93 1.93	0.95 0.95	A 185	0.49			
21434+3801	1	F CB	A 107242 C 107242	8.278 8.642	0.100						325.818 077 80 325.818 030 03	+38.017 516 60 +38.017 499 44	0.41 0.41	-6.26 -6.26	-8.25 -8.25	6.80 10.08	4.66 7.60	0.84 0.84	0.47 0.47	0.61 0.61	A 245	0.15			
21434+4449	1	F NC	A 107256 S 107256	10.356 11.518	0.032 0.070						325.863 713 89 325.863 657 99	+44.809 067 46 +44.808 879 98	1.07 1.07	1.83 1.83	-0.04 -0.04	2.92 14.83	2.85 12.98	3.60 3.60	3.14 3.14	3.53 3.53	A 192	0.69			
21439+2751	1	L CA	B 107288 A 107288	8.248 8.361	0.024 0.027						325.976 052 33 325.975 965 01	+27.846 881 99 +27.846 845 57	12.12 12.12	100.89 112.08	-1.44 -11.01	3.41 3.30	2.25 2.42	1.07 1.07	1.32 1.60	1.26 1.60	B 244.7	0.307	-2.5	-0.006	
21440+0335	1	F CB	A 107301 B 107301	9.314 12.140	0.010 0.128	9.391 9.222	0.018	9.222 0.021			326.002 653 63 326.002 458 71	+3.581 836 43 +3.581 604 23	2.49 2.49	8.07 8.07	0.45 0.45	2.24 40.78	1.72 39.04	2.48 2.48	3.04 3.04	1.94 1.94	A 220	1.09			
21442+2845	1	L CA	A 107310 B 107310	4.856 6.308	0.002 0.007	5.193 6.597	0.006 0.022	4.666 6.022	0.006 0.017		326.035 018 74 326.034 480 46	+28.743 222 28 +28.743 516 68	44.64 44.64	260.33 278.00	-242.73 -232.86	0.64 2.63	0.62 2.91	0.69 0.69	0.61 1.48	0.57 1.64	A 302.0	2.002	+0.5	-0.010	
21442+5513	1	F CB	A 107316 B 107316	9.430 12.597	0.010 0.175	9.539 9.395	0.019	9.395 0.025			326.054 232 75 326.054 413 14	+55.210 498 75 +55.209 457 39	1.34 1.34	-2.48 -2.48	-3.34 -3.34	1.45 40.14	1.44 39.62	1.66 2.48	1.59 3.04	1.40 1.40	A 174	3.77			
21443+6055	1	F CC	A 107322 B 107322	7.547 11.512	0.005 0.175	8.285 8.285	0.010	7.473 0.008			326.072 198 31 326.071 242 78	+60.912 798 81 +60.913 267 11	9.51 9.51	-0.86 -0.86	-40.81 -40.81	1.03 57.22	0.90 59.66	1.00 1.00	1.02 1.02	0.90 0.90	A 315	2.37			
21445+0607	1	F CB	A 107342 B 107342	12.441 12.513	0.031 0.033						326.112 002 72 326.112 335 35	+6.111 369 40 +6.111 418 80	-0.97 -0.97	-41.10 -41.10	-14.44 -14.44	21.21 16.85	10.46 12.46	11.36 11.36	14.27 14.27	6.11 6.11	A 82	1.20			
21446+2539	1	F CA	A 107354 B 107354	4.941 5.036	0.054 0.059						326.161 292 31 326.161 240 50	+25.644 996 69 +25.645 009 55	28.34 28.34	46.66 46.66	13.47 13.47	4.92 5.91	4.66 6.23	0.88 0.88	0.84 0.84	0.80 0.80	A 285	0.17			
21447-3537	1	F CA	A 107356 B 107356	8.500 11.736	0.005 0.082	9.220 8.415	0.016	8.415 0.013			326.166 880 79 326.168 395 13	-35.615 692 33 -35.615 578 39	10.73 10.73	73.05 73.05	-81.71 -81.71	1.33 34.86	0.90 16.13	1.39 1.39	1.39 1.39	0.83 0.83	A 84.7	4.45			
21448+0300	1	F CA	A 107367 B 107367	7.153 10.390	0.004 0.079	8.950 8.160	0.015	7.160 0.007			326.200 817 63 326.200 374 23	+2.992 129 36 +2.991 911 55	3.32 3.32	16.28 16.28	-10.04 -10.04	1.05 20.54	0.80 13.11	1.13 1.13	1.42 1.42	0.96 0.96	A 243.8	1.78			
21448+4931	1	I NB	A 107363 B 107364	8.662 9.143	0.007 0.009	8.657 9.244	0.013 0.021	8.622 9.101	0.017 0.026		326.187 933 52 326.191 886 55	+49.512 892 86 +49.520 420 92	3.28 1.61	-12.70 12.75	-7.99 3.26	1.61 3.10	1.57 3.28	1.54 2.03	1.72 2.41	1.64 2.44	A 18.82	28.633	+0.04	+0.019	
21450+5554	1	F CA	A 107383 B 107383	8.925 11.332	0.006 0.054						326.251 687 24 326.251 529 62	+55.893 888 79 +55.893 757 00	2.18 2.18	24.82 24.82	6.89 6.89	1.27 13.47	1.25 9.68	1.26 1.26	1.08 1.08	0.98 0.98	A 214	0.57			
21452+5431	1	F ND	A 107396 B 107396	8.997 11.675	0.028 0.274	9.380 8.910	0.017	8.910 0.017			326.297 320 46 326.305 637 34	+54.509 142 47 +54.511 770 76	4.64 4.64	-1.33 -1.33	1.39 1.39	1.23 65.83	1.20 63.42	1.38 1.38	1.23 1.23	1.19 1.19	A 61.4	19.79			
21453-1341	1	I NC	A 107407 B 107404	8.730 11.906	0.021 0.277	10.333 12.091	0.045 0.261	8.711 11.800	0.021 0.307		326.326 609 26 326.321 456 17	-13.675 944 37 -13.681 140 88	0.50 -15.75	-2.77 8.72	3.58 33.92	2.98 72.32	2.49 66.44	2.91 42.52	4.40 64.28	2.72 42.85	A 223.9	25.98	0.0	-0.03	
21455+6745	1	F CA	A 107426 B 107426	8.930 9.285	0.009 0.012						326.372 446 43 326.372 175 08	+67.751 308 63 +67.751 319 17	0.62 0.62	3.45 3.45	-0.84 -0.84	1.84 2.69	1.56 2.92	1.26 1.26	1.83 1.83	1.18 1.18	A 276	0.372			
21456-3451	1	F ND	A 107438 B 107438	10.015 12.158	0.052 0.377						326.410 278 55 326.410 332 86	-34.846 462 59 -34.846 412 58	7.43 7.43	107.92 107.92	14.06 14.06	3.84 56.48	3.28 43.91	2.23 2.23	2.15 2.15	1.20 1.20	A 42	0.24			
21459+1153	1	F CA	B 107461 A 107461	9.600 9.768	0.330 0.384						326.475 618 60 326.475 580 03	+11.876 843 45 +11.876 818 19	7.23 7.23	-80.14 -80.14	-84.91 -84.91	23.89 22.33	16.32 14.96	1.35 1.35	1.46 1.46	1.10 1.10	B 236	0.16			
21459-1759	1	F CA	A 107454 B 107454	8.669 11.758	0.007 0.116	9.381 8.551	0.023	8.551 0.018			326.463 337 01 326.463 779 39	-17.987 204 43 -17.986 942 87	18.94 18.94	52.70 52.70	-178.78 -178.78	1.58 25.80	1.17 25.25	1.65 1.65	1.99 1.99	1.21 1.21	A 58	1.78			
21459-3640	1	F CA	A 107458 B 107458	10.814 11.749	0.013 0.029						326.469 480 11 326.469 631 00	-36.658 734 67 -36.658 773 47	0.80 0.80	-1.70 -1.70	-13.08 -13.08	3.87 12.12	2.61 10.68	3.11 3.11	3.57 3.57	1.64 1.64	A 108	0.46			
21460+3626	1	F CA	A 107464 B 107464	9.151 11.247	0.008 0.049						326.499 080 50 326.499 083 89	+36.431 571 93 +36.431 443 35	3.08 3.08	-41.14 -41.14	-31.13 -31.13	1.26 10.30	1.69 10.86	1.90 1.90	1.20 1.20	1.43 1.43	A 179	0.46			
21460+4506	1	F CA	A 107468 B 107468	9.183 12.321	0.008 0.136	9.210 9.192	0.015	9.192 0.020			326.509 440 96 326.512 681 05	+45.105 838 84 +45.107 429 68	1.26 1.26	-0.62 -0.62	-0.41 -0.41	1.34 34.02	1.27 37.78	1.54 1.54	1.38 1.38	1.49 1.49	A 55.2	10.03			
21462+5748	1	I CA	A 107480 B 107481	9.692 10.418	0.025 0.042	10.010 10.706	0.023 0.044	9.601 10.192	0.025 0.044		326.546 107 16 326.548 524 85	+57.792 701 42 +57.798 037 30	2.55 8.68	-3.73 5.32	-4.16 6.56	2.87 19.57	2.66 17.12	2.51 5.37	2.71 12.78	2.69 11.59	A 13.57	19.76	+0.02	+0.01	
21465+2210	1	F CB	A 107512 D 107512	7.242 9.588	0.044 0.380						326.619 960 30 326.619 965 86	+22.174 469 21 +22.174 518 22	5.51 5.51	6.08 6.08	-6.33 -6.33	2.63 24.17	4.64 23.17	0.83 0.83	0.67 0.67	0.96 0.96	A 6	0.18			



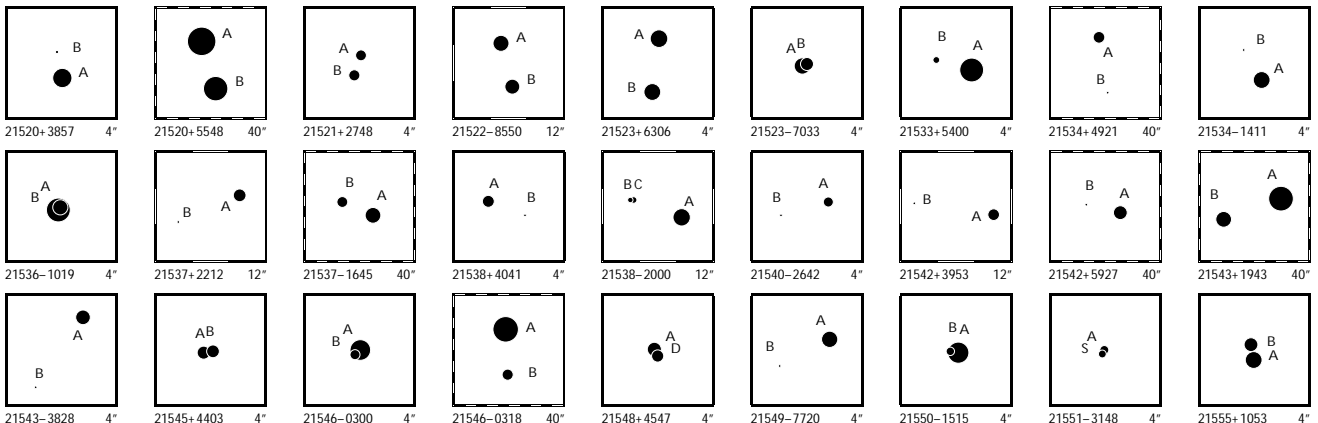
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry				
	S	N		H _p	σ	B _T	σ	V _I	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21465-3843	1	FCA	A 107514 B 107514	8.460 0.005 11.408 0.067							326.628 674 64 326.628 324 87	-38.721 728 60 -38.721 742 47	7.19 7.19	-14.44 -14.44	-0.21 -0.21	1.38 1.05 1.40 27.61 17.48 1.40	1.32 0.87 1.32 0.87	A 267	0.98						
21466-5742	1	LCA	A 107522 B 107522	9.568 0.031 9.682 0.034							326.648 742 98 326.648 614 40	-57.701 201 16 -57.701 159 74	52.56 52.56	117.99 56.63	-887.42 -925.51	5.94 5.31 1.88 5.72 4.87 1.88	3.01 3.07 3.42 3.59	A 301	0.29	-13	+0.03				
21468+4919	1	FCA	A 107533 B 107533	4.436 0.111 5.983 0.463							326.698 351 57 326.698 384 46	+49.309 577 51 +49.309 563 54	2.82 2.82	3.61 3.61	-1.86 -1.86	4.56 2.56 0.52 14.79 14.52 0.52	0.45 0.44 0.45 0.44	A 123	0.09						
21469+0051	1	LCA	A 107544 B 107544	8.350 0.004 8.848 0.007							326.722 901 14 326.723 008 02	+0.850 957 45 +0.850 830 41	8.28 8.28	-21.72 -28.75	-71.09 -64.23	2.71 1.49 2.44 4.06 2.47 2.44	2.69 1.32 1.45 1.67	A 139.9	0.598	+0.1	-0.10				
21470+4759	1	FCA	A 107554 B 107554	8.297 0.005 11.157 0.065	8.617 0.009	8.220 0.009					326.752 238 18 326.752 238 15	+47.984 025 04 +47.983 169 64	4.28 4.28	9.28 9.28	-10.29 -10.29	0.89 0.93 1.07 15.54 12.37 1.07	1.04 0.98 1.04 0.98	A 201.0	3.30						
21471-2140	1	FCA	A 107562 B 107562	9.630 0.018 11.548 0.106							326.777 652 36 326.777 538 17	-21.658 649 30 -21.658 646 44	5.91 5.91	14.85 14.85	4.74 4.74	3.96 2.52 2.63 24.84 18.95 2.63	2.70 1.75 2.70 1.75	A 272	0.38						
21472+2409	1	FCB	A 107566 B 107566	7.742 0.005 11.015 0.107							326.790 946 18 326.791 102 20	+24.145 017 54 +24.144 954 62	3.56 3.56	-42.18 -42.18	10.46 10.46	1.39 1.25 1.42 25.16 33.32 1.42	1.25 1.20 1.25 1.20	A 114	0.56						
21473-5852	1	FCA	A 107580 C 107580	9.468 0.031 11.735 0.249							326.835 570 41 326.835 534 47	-58.865 213 71 -58.865 286 37	3.21 3.21	37.70 37.70	3.59 3.59	3.25 5.30 1.95 29.05 29.85 1.95	1.45 1.09 1.45 1.09	A 194	0.27						
21475-1307	1	FCA	G A 107588 C 107588 B 107588	8.992 0.014 9.273 0.012 10.337 0.052	9.413 0.027	9.062 0.034					326.861 717 97 326.862 878 37 326.861 891 35	-13.121 648 48 -13.121 472 61 -13.121 615 04	6.47 6.47 6.47	7.77 7.77 7.77	-8.41 -8.41 -8.41	7.92 4.70 7.26 12.60 13.10 7.26 18.14 14.79 7.26	9.80 3.80 9.80 3.80 9.80 3.80	A 81.2 A 79	4.12 0.62						
21476-1718	1	FCB	A 107594 B 107594	7.656 0.009 11.384 0.257	7.568 0.011	7.652 0.014					326.901 740 28 326.901 065 94	-17.294 747 54 -17.295 905 35	3.62 3.62	12.33 12.33	1.21 1.21	1.77 1.19 1.66 75.97 56.48 1.66	2.39 1.35 2.39 1.35	A 209	4.77						
21478+6203	1	FCA	A 107611 B 107611	8.988 0.020 9.729 0.039							326.939 126 76 326.939 070 58	+62.056 749 59 +62.056 667 63	3.55 3.55	12.04 12.04	6.00 6.00	2.30 2.76 0.96 5.74 5.18 0.96	0.97 0.98 0.97 0.98	A 198	0.310						
21478-7241	1	FCA	B 107616 A 107616	8.407 0.038 8.495 0.041							326.956 690 30 326.956 824 19	-72.681 803 73 -72.681 853 80	3.30 3.30	23.20 23.20	-13.20 -13.20	3.47 3.93 0.88 4.07 4.30 0.88	0.82 0.76 0.82 0.76	B 141	0.230						
21480+6920	1	FCA	A 107629 B 107629	9.077 0.005 9.933 0.010	9.291 0.018	8.867 0.020					327.011 583 54 327.010 115 42	+69.328 120 57 +69.328 136 40	2.38 2.38	11.91 11.91	-2.65 -2.65	1.31 1.07 1.15 3.35 3.13 1.15	1.51 1.03 1.51 1.03	A 271.8	1.867						
21481-3839	1	FCB	A 107635 B 107635	9.690 0.140 11.482 0.727							327.024 446 86 327.024 517 73	-38.641 976 16 -38.641 984 45	4.62 4.62	15.46 15.46	-12.88 -12.88	16.55 5.25 1.71 56.34 29.07 1.71	1.77 1.07 1.77 1.07	A 99	0.20						
21483-3742	1	FCA	A 107652 B 107652	9.854 0.007 10.225 0.010	10.210 0.032	9.469 0.030					327.072 563 34 327.072 161 44	-37.692 101 97 -37.692 516 61	12.06 12.06	-25.38 -25.38	-50.76 -50.76	3.74 2.77 3.80 5.75 4.29 3.80	4.34 2.13 4.34 2.13	A 217.5	1.881						
21484-4851	1	FCA	A 107658 B 107658	9.529 0.005 11.091 0.021	10.100 0.020	9.464 0.018					327.103 435 51 327.105 697 46	-48.847 942 81 -48.848 127 01	12.83 12.83	-96.44 -96.44	-59.36 -59.36	1.52 1.21 2.02 6.90 5.57 2.02	1.52 1.07 1.52 1.07	A 97.1	5.40						
21487-6530	1	LCA	A 107678 B 107678	7.362 0.004 8.854 0.013	7.521 0.007	7.136 0.008					327.183 828 51 327.183 122 46	-65.502 870 48 -65.502 647 06	9.13 9.13	-0.14 -11.55	8.87 5.68	0.80 0.86 1.07 4.52 5.15 1.07	0.70 0.68 2.82 3.41	A 307.3	1.326	-0.4	+0.007				
21491+6648	1	FCB	A 107710 B 107710	6.579 0.005 10.420 0.150	6.933 0.005	6.519 0.004					327.283 849 24 327.287 615 79	+66.792 193 33 +66.789 242 77	10.37 10.37	-20.83 -20.83	-66.26 -66.26	0.79 0.75 0.76 54.05 31.70 0.76	0.90 0.76 0.90 0.76	A 153.3	11.89						
21491-7206	1	LCA	A 107705 B 107705	9.912 0.013 11.190 0.043	11.388 0.065	9.883 0.030					327.271 961 65 327.272 138 65	-72.101 784 03 -72.101 422 85	62.00 62.00	300.77 354.21	-291.10 -286.78	2.28 2.27 2.43 8.99 13.81 2.43	2.09 2.18 8.39 23.48	A 8.6	1.31	+2.3	+0.01				
21492+5031	1	ICA	A 107718 B 107717	7.764 0.011 8.356 0.015	7.787 0.007	7.725 0.010					327.310 329 41 327.307 259 41	+50.515 076 62 +50.512 000 16	5.07 4.73	6.45 6.07	-1.00 -2.17	2.22 2.21 2.09 6.38 5.53 3.12	2.24 2.03 3.48 3.18	A 212.40	13.117	0.00	+0.001				
21494+3045	1	ICA	A 107728 B 107729	8.973 0.018 9.628 0.028	9.109 0.018	8.921 0.022					327.349 350 14 327.350 805 01	+30.753 905 30 +30.758 484 74	11.28 9.96	-2.11 7.57	-3.52 -13.14	3.43 3.17 3.66 11.19 11.64 6.48	3.48 3.06 9.20 9.67	A 15.27	17.09	+0.04	-0.01				
21494+5830	1	ICA	A 107730 B 107732	10.238 0.010 10.657 0.013	10.503 0.045	10.140 0.052					327.351 245 37 327.356 731 06	+58.501 335 09 +58.502 676 87	3.10 -4.67	18.21 12.61	1.48 0.78	3.41 3.35 2.82 6.75 6.50 4.50	3.03 2.96 4.82 4.64	A 64.91	11.39	-0.01	-0.01				
21496+3319	1	FCB	A 107744 B 107744	7.459 0.080 9.414 0.484							327.396 904 65 327.396 869 46	+33.312 019 12 +33.312 019 40	6.36 6.36	-29.22 -29.22	-13.24 -13.24	4.22 9.33 0.73 22.32 56.66 0.73	0.39 0.47 0.39 0.47	A 271	0.11						
21496+3606	1	FCA	A 107746 B 107746	8.429 0.006 11.338 0.084	8.936 0.009	8.353 0.009					327.400 091 91 327.400 915 60	+36.101 250 46 +36.100 495 81	6.49 6.49	-5.04 -5.04	4.80 4.80	1.08 1.11 1.59 19.75 29.72 1.59	1.22 1.25 1.22 1.25	A 138.6	3.62						
21496-0819	1	FCB	A 107743 B 107743	8.723 0.008 11.332 0.079							327.389 099 85 327.389 237 77	-8.312 050 25 -8.312 060 43	3.88 3.88	2.34 2.34	5.85 5.85	4.69 4.27 3.81 62.27 75.47 3.81	4.11 2.37 4.11 2.37	A 94	0.49						
21498+3455	1	FCA	A 107760 B 107760	8.150 0.006 9.763 0.025							327.453 539 26 327.453 522 29	+34.916 755 77 +34.916 858 33	3.05 3.05	8.37 8.37	-0.92 -0.92	0.87 1.22 1.10 4.02 4.53 1.10	0.76 0.85 0.76 0.85	A 352	0.373						
21498+6514	1	FCA	A 107755 B 107755	7.726 0.006 10.409 0.057							327.438 505 81 327.437 900 83	+65.233 473 33 +65.233 462 13	1.11 1.11	-3.36 -3.36	-2.63 -2.63	1.01 0.85 0.92 15.24 11.69 0.92	1.13 0.87 1.13 0.87	A 267	0.91						



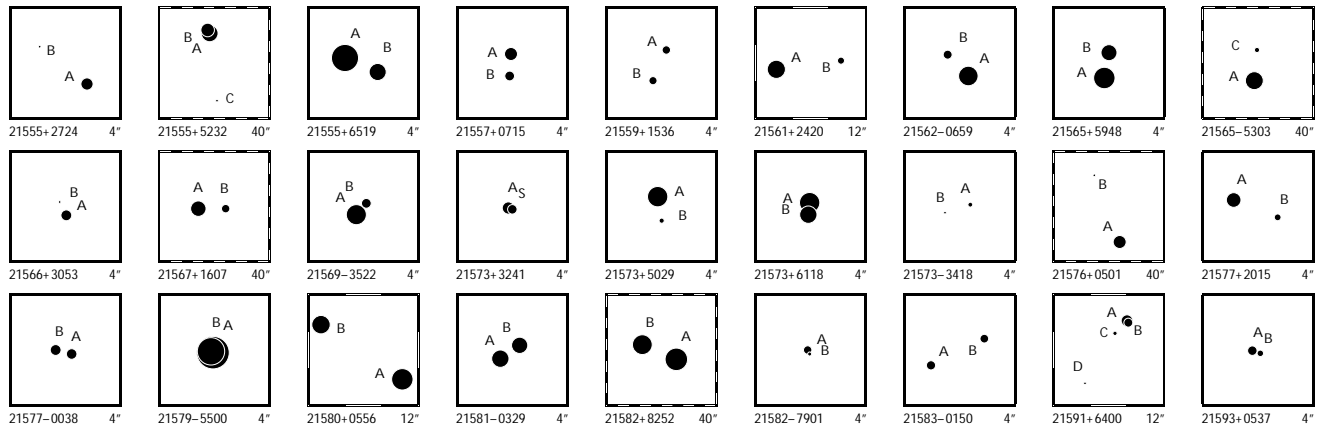
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt							
1	2-3	5-6	7	8	9	mag	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
21501+1717	1	L CA	A 107788 B 107788	5.735 6.942	0.076 0.231							327.536 017 06 327.536 015 05	+17.285 964 14 +17.285 935 51	29.91 29.91	103.80 53.21	-29.17 -86.86	8.83 26.71	3.09 14.32	0.77 0.77	3.11 14.05	2.62 6.50	A 184	0.10	+26	+0.06					
21501+3151	1	F CA	A 107781 B 107781	7.512 11.033	0.003 0.073	8.677	0.009	7.453	0.006			327.522 300 94 327.522 462 94	+31.847 891 98 +31.848 671 11	5.60 5.60	38.75 38.75	5.13 5.13	0.71 17.06	0.72 17.41	0.90 0.90	0.77 0.77	0.70 0.70	A 10.0	2.85							
21503-4547	1	F CA	A 107802 B 107802	9.633 12.488	0.010 0.131	10.074	0.018	9.512	0.017			327.584 528 89 327.581 097 91	-45.786 259 87 -45.785 995 89	4.09 4.09	28.51 28.51	8.59 8.59	1.68 32.88	1.50 24.68	2.35 2.35	1.42 1.42	1.23 1.23	A 276.3	8.67							
21504+3927	1	F CA	A 107808 B 107808	8.569 8.599	0.015 0.015							327.611 667 63 327.611 567 52	+39.442 206 40 +39.442 164 94	5.39 5.39	7.65 7.65	-9.71 -9.71	1.86 2.36	1.63 2.35	1.21 1.21	0.94 0.94	0.93 0.93	A 242	0.316							
21504-5818	1	F CA	A 107806 B 107806	8.564 9.067	0.082 0.131							327.598 920 00 327.598 844 25	-58.304 835 15 -58.304 805 48	24.46 24.46	49.87 49.87	-93.85 -93.85	6.08 8.49	5.42 7.59	1.02 1.02	0.75 0.75	0.65 0.65	A 307	0.18							
21507+7746	1	F CA	A 107828 B 107828	8.023 11.420	0.007 0.165							327.672 411 93 327.672 347 93	+77.768 509 91 +77.768 621 53	2.27 2.27	7.97 7.97	2.30 2.30	1.35 33.24	1.66 23.81	0.94 0.94	1.18 1.18	0.96 0.96	A 353	0.40							
21508-2032	1	F CA	A 107839 B 107839	8.178 8.528	0.004 0.006							327.711 594 68 327.711 649 93	-20.540 839 57 -20.540 969 63	5.97 5.97	18.15 18.15	-7.49 -7.49	1.79 2.37	1.39 1.83	1.89 1.89	1.74 1.74	1.01 1.01	A 158.3	0.504							
21509-5939	1	F CA	A 107842 B 107842	7.844 9.531	0.037 0.173							327.723 571 22 327.723 544 60	-59.644 755 99 -59.644 813 26	4.55 4.55	11.91 11.91	-35.04 -35.04	2.95 13.73	3.84 15.24	1.26 1.26	1.05 1.05	0.71 0.71	A 193	0.21							
21509-8243	1	L CA	A 107843 B 107843	5.635 7.254	0.003 0.012	6.603	0.008	5.567	0.006	7.414	0.007	7.152	0.009				327.726 035 61 327.732 424 72	-82.718 823 92 -82.718 435 44	7.49 7.49	68.15 68.10	-33.03 -24.16	0.69 4.08	0.62 3.66	0.65 0.65	0.67 2.64	0.56 2.16	A 64.37	3.233	-0.14	+0.004
21510+2911	1	F CB	A 107849 B 107849	9.226 10.479	0.101 0.320							327.758 209 12 327.758 259 32	+29.175 381 09 +29.175 383 74	17.12 17.12	215.27 215.27	179.27 179.27	7.47 24.68	9.92 30.87	1.16 1.16	1.08 1.08	1.02 1.02	A 87	0.16							
21510-4452	1	F CA	A 107850 B 107850	10.388 12.118	0.012 0.054							327.761 882 96 327.761 907 58	-44.872 366 98 -44.872 157 38	3.16 3.16	14.44 14.44	-16.68 -16.68	3.11 24.96	2.31 14.52	3.33 3.33	3.08 3.08	1.90 1.90	A 5	0.76							
21510-7612	1	F CA	A 107847 B 107847	9.453 11.796	0.006 0.049							327.751 974 15 327.751 856 11	-76.206 489 62 -76.206 244 25	16.06 16.06	56.88 56.88	-32.42 -32.42	1.38 16.82	1.35 16.38	1.62 1.62	1.43 1.43	1.23 1.23	A 353	0.89							
21511+1022	1	F CA	A 107858 B 107858	8.619 8.833	0.081 0.098							327.781 045 91 327.780 981 15	+10.367 997 51 +10.367 983 14	6.98 6.98	-18.58 -18.58	-65.74 -65.74	10.16 10.54	5.00 4.90	1.20 1.20	1.39 1.39	1.00 1.00	C 257	0.24							
21511+4711	1	F CA	A 107852 B 107852	8.960 10.798	0.006 0.031							327.765 968 57 327.766 038 91	+47.177 999 97 +47.178 128 14	3.06 3.06	12.67 12.67	-6.49 -6.49	1.29 8.46	1.43 7.42	1.34 1.34	1.34 1.32	1.32 1.32	A 20	0.49							
21511+6401	1	F CA	A 107862 B 107862	8.294 10.979	0.004 0.048	8.388	0.009	8.254	0.010	10.681	0.179	10.753	0.298				327.787 010 94 327.789 185 87	+64.021 676 07 +64.021 472 02	0.09 0.09	-3.80 -3.80	-6.57 -6.57	0.84 11.85	0.79 10.23	0.84 0.84	0.94 0.94	0.77 0.77	A 102.1	3.51		
21511+6650	1	F CA	A 107855 B 107855	9.094 9.542	0.020 0.030							327.770 601 54 327.770 439 51	+66.837 445 21 +66.837 395 85	5.88 5.88	7.32 7.32	-35.85 -35.85	2.60 4.17	2.54 4.48	1.01 1.01	1.12 1.12	0.95 0.95	A 232	0.290							
21511-6459	1	F CA	A 107854 B 107854	10.089 10.838	0.025 0.049							327.768 112 68 327.768 330 70	-64.978 431 92 -64.978 472 65	-2.84 -2.84	15.33 15.33	-20.77 -20.77	3.57 7.69	2.86 6.97	3.26 3.26	2.12 2.12	2.00 2.00	A 114	0.36							
21513+0821	1	F CA	A 107868 B 107868	8.670 11.522	0.010 0.124	9.265	0.021	8.598	0.018			327.826 176 20 327.825 821 62	+8.347 141 89 +8.351 171 92	18.63 18.63	100.61 100.61	13.43 13.43	1.61 35.99	1.29 31.63	1.67 1.67	2.00 2.00	1.25 1.25	A 355.0	14.56							
21514+5418	1	F CA	A 107874 B 107874	9.340 10.921	0.007 0.029	9.534	0.018	9.198	0.020			327.848 966 80 327.849 048 76	+54.292 652 99 +54.292 186 92	-1.57 -1.57	1.27 1.27	-1.42 -1.42	1.40 8.52	1.40 8.59	1.59 1.59	1.45 1.45	1.34 1.34	A 174.1	1.69							
21516+6545	1	F CA	A 107893 B 107893	7.065 7.362	0.005 0.006	6.769	0.029	6.469	0.033			327.905 223 85 327.905 778 38	+65.752 760 63 +65.752 413 92	12.55 12.55	-6.43 -6.43	-20.83 -20.83	0.92 1.74	0.85 1.75	0.84 0.84	1.00 1.00	0.88 0.88	A 146.7	1.493							
21516-5925	1	F CA	A 107888 B 107888	8.749 10.775	0.005 0.030	9.162	0.011	8.664	0.010	10.420	0.069	9.773	0.053				327.892 844 52 327.891 728 80	-59.421 374 65 -59.421 545 35	10.72 10.72	-28.15 -28.15	41.88 41.88	8.68 8.68	7.94 7.94	1.86 1.86	1.39 1.39	1.01 1.01	A 253.3	2.13		
21517+1918	1	F CA	A 107896 B 107896	6.979 10.349	0.003 0.058	7.413	0.007	6.915	0.006	10.910	0.148	9.886	0.100				327.917 408 67 327.916 278 96	+19.306 939 48 +19.307 477 20	9.95 9.95	-35.39 -35.39	-8.45 -8.45	0.97 15.08	0.80 21.72	0.99 0.99	1.17 1.17	0.87 0.87	A 296.8	4.30		
21518+5534	1	F CC	A 107910 B 107910	10.749 13.579	0.017 0.226							327.947 478 69 327.947 355 24	+55.562 091 59 +55.561 997 87	0.24 0.24	10.86 10.86	3.57 3.57	4.20 82.63	3.31 58.76	2.64 2.64	2.50 2.50	2.13 2.13	A 217	0.42							
21518+6454	1	I CA	A 107914 B 107909	7.010 10.341	0.005 0.097	8.112	0.009	6.950	0.006	10.727	0.056	9.984	0.046				327.951 143 14 327.943 484 18	+64.899 937 28 +64.899 410 15	5.92 4.03	21.53 30.79	-6.31 -3.27	1.06 23.98	0.95 23.28	0.85 8.60	1.12 17.53	0.91 16.35	A 260.8	11.85	0.0	-0.01
21519+0905	1	F CA	A 107925 B 107925	7.881 10.582	0.005 0.061	8.162	0.014	7.833	0.012	10.860	0.090	10.202	0.078				327.985 684 24 327.984 703 95	+9.079 507 61 +9.081 826 53	10.01 10.01	2.20 2.20	-22.52 -22.52	1.24 15.27	1.02 15.78	1.26 1.26	1.49 1.49	0.99 0.99	A 337.3	9.05		
21519+4221	1	F CA	A 107920 B 107920	7.998 11.260	0.006 0.121	8.813	0.009	7.916	0.007			327.971 120 44 327.975 119 67	+42.344 621 30 +42.344 998 77	33.93 33.93	-175.22 -175.22	-305.57 -305.57	1.09 31.52	1.17 33.13	1.41 1.41	1.16 1.16	1.23 1.23	A 82.7	10.73							
21520+3826	1	F CA	A 107926 B 107926	8.459 9.343	0.148 0.334							327.993 119 26 327.993 117 67	+38.429 912 75 +38.429 877 44	2.45 2.45	11.77 11.77	3.65 3.65	5.96 13.34	8.61 20.34	0.90 0.90	0.52 0.52	0.68 0.68	A 182	0.13							



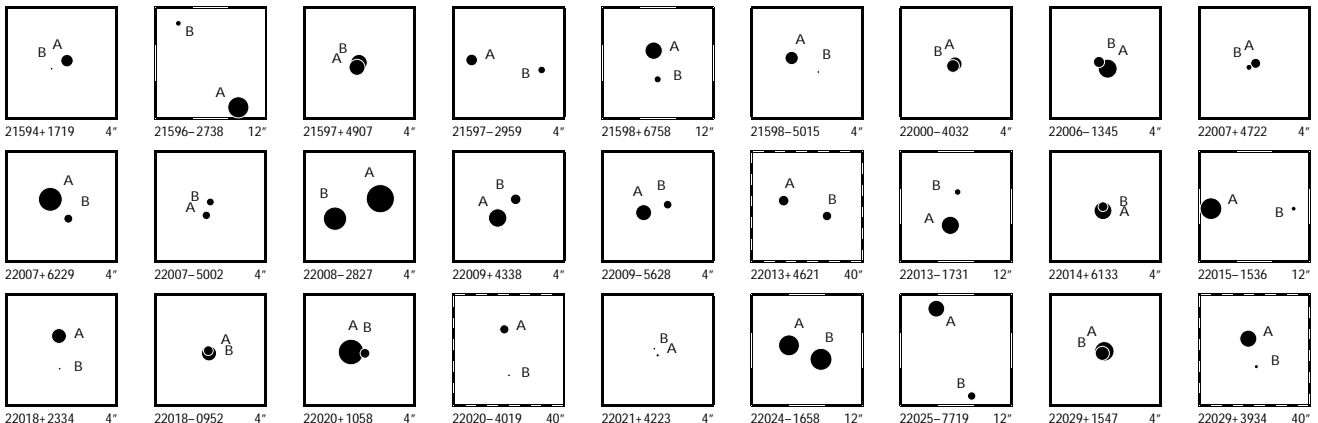
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21520+3857	1	F	C	A 107934 B 107934	7.742 0.003 11.302 0.089							328.010 128 03 +38.954 528 72 328.010 198 16 +38.954 795 68	6.22 6.22	93.24 25.62 93.24 25.62	0.68 0.80 1.09 0.73 0.85 21.60 27.47 1.09 0.73 0.85	A 12 0.98										
21520+5548	1	I	C	A 107930 B 107929	5.692 0.020 6.597 0.036	5.549 0.002 6.593 0.004	5.665 0.003 6.586 0.005					328.004 260 49 +55.796 744 52 328.001 859 77 +55.791 936 72	5.07 1.67	18.90 -0.53 13.42 13.05	1.85 1.45 1.52 1.79 1.32 9.58 9.27 4.88 5.86 5.74	A 195.68 17.98 +0.03 -0.01										
21521+2748	1	F	C	A 107946 B 107946	9.524 0.007 9.604 0.007							328.037 244 87 +27.800 598 57 328.037 177 23 +27.800 810 45	5.05 5.05	12.33 2.08 12.33 2.08	3.28 3.73 3.63 2.68 3.34 4.26 4.42 3.63 2.68 3.34	B 344.2 0.793										
21522-8550	1	F	C	A 107949 B 107949	8.448 0.006 8.706 0.008	8.857 0.014 9.094 0.017	8.327 0.013 8.552 0.016					328.046 456 52 -85.836 565 86 328.041 502 34 -85.837 887 91	10.51 10.51	-16.72 1.69 -16.72 1.69	1.56 1.30 1.43 1.56 1.19 2.83 3.10 1.42 1.56 1.19	A 195.21 4.932										
21523+6306	1	F	C	A 107961 B 107961	8.096 0.004 8.255 0.005	8.093 0.015 8.260 0.013	8.003 0.016 8.189 0.012					328.087 291 72 +63.101 253 25 328.087 449 51 +63.100 706 33	1.89 1.89	-2.01 -1.12 -2.01 -1.12	1.45 1.44 1.42 1.38 1.39 3.00 2.18 1.42 1.38 1.39	A 172.6 1.986										
21523-7033	1	F	C	A 107957 B 107957	8.379 0.071 9.135 0.142							328.077 251 87 -70.549 460 10 328.077 114 42 -70.549 439 43	1.29 1.29	15.40 11.98 15.40 11.98	6.30 3.62 0.79 0.65 0.58 9.85 7.17 0.79 0.65 0.58	A 294 0.18										
21533+5400	1	F	C	A 108039 B 108039	6.720 0.003 10.474 0.099	7.090 0.004 6.661 0.005						328.332 595 25 +53.997 210 34 328.333 211 91 +53.997 309 25	3.98 3.98	-8.80 -12.39 -8.80 -12.39	0.61 0.60 0.67 0.64 0.58 27.80 17.65 0.67 0.64 0.58	A 75 1.35										
21534+4921	1	F	N	D	A 108048 B 108048	9.428 0.038 11.959 0.322	9.473 0.018 9.427 0.024					328.347 551 29 +49.346 880 62 328.346 254 38 +49.341 192 48	1.31 1.31	-1.41 -2.94 -1.41 -2.94	1.13 1.21 1.34 1.20 1.23 73.66 77.81 1.34 1.20 1.23	A 188.4 20.70										
21534-1411	1	F	C	B	A 108044 B 108044	8.274 0.008 11.421 0.114	8.577 0.013 8.195 0.013					328.340 174 42 -14.189 637 10 328.340 364 35 -14.189 326 79	2.25 2.25	-1.09 0.33 -1.09 0.33	1.83 1.14 1.76 1.99 0.98 49.56 33.76 1.76 1.99 0.98	A 31 1.30										
21536-1019	1	F	C	B	A 108058 B 108058	6.712 0.101 8.660 0.609						328.400 113 44 -10.311 620 86 328.400 089 39 -10.311 591 23	2.27 2.27	15.81 -1.11 15.81 -1.11	3.53 8.71 0.97 1.02 0.55 36.64 45.83 0.97 1.02 0.55	B 321 0.14										
21537+2212	1	F	C	A	A 108069 B 108069	9.205 0.013 12.003 0.164	10.724 0.049 9.182 0.022					328.430 575 96 +22.193 040 71 328.432 620 65 +22.192 206 01	1.01 1.01	7.36 3.24 7.36 3.24	1.79 1.57 2.04 1.92 1.73 26.96 24.07 2.04 1.92 1.73	A 113.8 7.45										
21537-1645	1	I	C	A	A 108064 B 108066	8.491 0.010 9.594 0.027	8.820 0.019 9.962 0.040	8.413 0.019 9.536 0.041				328.421 369 99 -16.750 206 97 328.424 681 04 -16.748 850 49	5.17 0.56	16.23 3.23 9.81 -0.75	3.26 2.20 2.52 3.98 1.98 12.10 9.02 5.56 10.75 6.64	A 66.84 12.41 +0.01 -0.01										
21538+4041	1	F	C	A	A 108075 B 108075	9.388 0.012 12.278 0.164	9.490 0.014 9.304 0.017					328.456 583 04 +40.677 348 83 328.456 072 33 +40.677 201 18	3.73 3.73	0.59 -2.20 0.59 -2.20	1.76 1.93 2.44 1.86 2.21 27.18 44.80 2.44 1.86 2.21	A 249 1.49										
21538-2000	1	F	N	B	A 108072 C 108072 B 108072	8.184 0.007 10.563 0.110 10.814 0.136	8.613 0.012 8.099 0.011					328.443 567 29 -20.007 449 55 328.445 127 14 -20.006 924 87 328.445 249 95 -20.006 914 16	12.13 12.13 12.13	41.40 139.40 41.40 139.40 41.40 139.40	1.39 0.98 1.40 1.65 0.84 25.85 11.51 1.40 1.65 0.84 31.05 15.19 1.40 1.65 0.84	A 70.3 5.60 C 85 0.42										
21540-2642	1	F	C	A	A 108088 B 108088	9.751 0.007 12.376 0.074	10.290 0.031 9.744 0.030					328.488 750 98 -26.697 248 11 328.489 289 94 -26.697 384 89	10.97 10.97	157.65 -77.58 157.65 -77.58	1.94 1.40 2.09 2.03 1.16 25.01 20.23 2.09 2.03 1.16	A 106 1.80										
21542+3953	1	F	C	A	A 108101 B 108101	9.395 0.006 11.907 0.062	9.461 0.015 9.376 0.019					328.542 791 57 +39.877 214 94 328.545 984 79 +39.877 572 26	0.08 0.08	-2.60 -5.34 -2.60 -5.34	1.26 1.42 1.91 1.30 1.43 18.25 19.45 1.91 1.30 1.43	A 81.7 8.92										
21542+5927	1	I	N	D	A 108111 B 108115	8.927 0.013 11.929 0.200	10.157 0.027 8.879 0.015					328.559 512 78 +59.442 476 75 328.566 408 78 +59.443 330 74	2.10 12.56	0.30 -6.83 38.89 -0.89	2.08 1.97 1.83 2.10 1.88 56.29 53.71 32.11 34.80 32.11	A 76.3 12.99 0.0 +0.04										
21543+1943	1	I	C	A	A 108119 B 108121	6.535 0.018 8.530 0.091	7.523 0.008 9.024 0.020	6.446 0.005 8.413 0.018				328.572 661 77 +19.718 151 03 328.578 857 29 +19.716 055 86	8.95 35.94	-34.28 -12.44 -51.96 -24.76	1.60 1.41 1.50 1.66 1.36 47.43 36.05 12.83 14.94 12.59	A 109.76 22.31 +0.05 -0.01										
21543-3828	1	F	C	A	A 108126 B 108126	8.748 0.006 11.944 0.104	9.259 0.015 8.674 0.014					328.586 418 00 -38.466 877 16 328.587 030 62 -38.467 593 09	9.91 9.91	142.87 29.80 142.87 29.80	1.43 1.05 1.54 1.52 0.93 36.05 22.13 1.54 1.52 0.93	A 146 3.10										
21545+4403	1	F	C	A	A 108137 B 108137	9.118 0.017 9.176 0.018						328.631 422 53 +44.047 966 69 328.631 293 52 +44.047 983 47	5.27 5.27	8.54 -5.45 8.54 -5.45	2.23 1.72 1.20 1.12 0.99 2.76 2.87 1.20 1.12 0.99	A 280 0.339										
21546-0300	1	F	C	A	A 108145 B 108145	7.461 0.015 9.804 0.128						328.649 222 61 -2.997 083 25 328.649 273 15 -2.997 134 33	1.95 1.95	14.09 0.63 14.09 0.63	2.53 2.06 1.20 1.39 0.69 20.15 15.01 1.20 1.39 0.69	A 135 0.26										
21546-0318	1	F	C	A	A 108144 B 108144	6.355 0.006 9.556 0.110	6.796 0.005 9.522 0.035	6.292 0.005				328.649 579 86 -3.301 191 85 328.649 329 54 -3.305 802 01	14.35 14.35	26.66 -33.04 26.66 -33.04	1.03 0.59 0.98 1.10 0.57 32.58 21.68 0.98 1.10 0.57	A 183.1 16.62										
21548+4547	1	F	F	C	A 108161 D 108161	8.863 0.141 9.321 0.214						328.707 846 57 +45.791 636 14 328.707 795 68 +45.791 571 29	-7.63 -7.63	5.01 6.01 5.01 6.01	17.53 23.14 2.35 1.86 2.14 24.91 28.15 2.35 1.86 2.14	A 209 0.27										
21549-7720	1	F	N	D	A 108162 B 108162	8.411 0.006 12.497 0.241	9.584 0.016 8.403 0.010					328.711 251 42 -77.337 542 50 328.713 560 95 -77.337 817 09	37.91 37.91	223.70 -186.04 223.70 -186.04	1.00 1.02 1.18 1.08 1.02 58.74 57.93 1.18 1.08 1.02	A 118 2.07										
21550-1515	1	F	C	B	A 108176 B 108176	7.309 0.036 10.155 0.495						328.751 215 59 -15.258 011 18 328.751 300 70 -15.257 995 95	3.79 3.79	-17.25 -32.17 -17.25 -32.17	5.83 2.78 1.34 1.55 0.72 58.20 41.80 1.34 1.55 0.72	A 79 0.30										
21551-3148	1	F	C	A	A 108184 S 108184	10.032 0.074 10.274 0.092						328.773 222 19 -31.796 592 75 328.773 253 50 -31.796 637 20	12.74 12.74	1.89 16.12 1.89 16.12	5.66 6.49 1.34 1.33 0.63 6.33 6.77 1.34 1.33 0.63	A 149 0.19										
21555+1053	1	L	C	A	A 108228 B 108228	8.294 0.005 8.914 0.008						328.880 923 38 +10.880 419 45 328.880 945 11 +10.880 579 35	22.51 22.51	-97.31 -140.76 -75.04 -114.97	1.75 1.70 1.76 1.63 1.28 3.56 2.45 1.76 2.86 1.87	A 7.6 0.581 +1.8 +0.029										



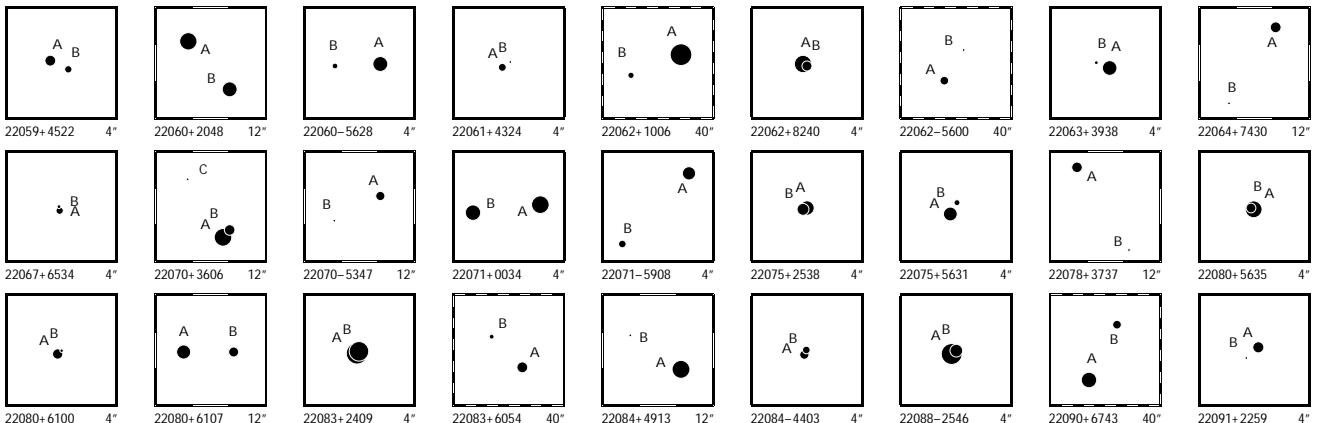
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt							
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
21555+2724	1	F CA	A 108225 B 108225		9.286 11.594	0.007 0.055		10.065 9.194	0.025 0.019		328.874 328.875	574 127	90 22	+27.393 +27.393	257 635	00 80	5.46 5.46	-2.37 -2.37	-27.93 -27.93	1.48 15.84	1.35 13.18	1.62 1.62	1.56 1.56	1.43 1.43	A	52.3		2.23		
21555+5232	1	F NC	G A 108230 B 108230 C 108227		8.307 9.023 11.391	0.012 0.016 0.186		8.394 7.998	0.034 0.035		328.881 328.882 328.880	618 047 420	15 88 24	+52.527 +52.528 +52.521	970 327 048	12 64 93	3.93 3.93 3.93	1.52 1.52 1.52	-0.95 -0.95 -0.95	0.95 2.60 26.65	0.97 2.64 25.80	1.00 1.00 1.00	0.87 0.87 0.87	0.89 0.89 0.89	A	36.2	1.594		25.05	
21555+6519	1	F CA	A 108226 B 108226		6.017 8.226	0.004 0.025		5.815 5.929	0.005 0.007		328.879 328.878	129 334	29 29	+65.320 +65.320	811 663	94 88	2.71 2.71	5.74 5.74	-1.37 -1.37	0.69 8.55	0.63 5.85	0.67 0.67	0.80 0.80	0.68 0.68	A	246.0		1.31		
21557+0715	1	L CA	A 108239 B 108239		9.120 9.828	0.008 0.013					328.916 328.916	768 776	51 82	+7.253 +7.253	930 706	95 26	5.20 5.20	-36.53 -24.75	-33.50 -23.94	2.71 6.22	2.15 4.36	2.36 2.36	2.59 4.86	1.63 2.79	A	177.9	0.809	-0.9	-0.009	
21559+1536	1	F CA	A 108255 B 108255		10.155 10.187	0.014 0.014					328.972 328.972	491 642	67 42	+15.605 +15.605	507 85	21	6.59 6.59	157.43 157.43	-150.26 -150.26	2.85 5.17	2.57 5.41	2.88 2.88	3.17 3.17	2.15 2.15	A	155.1		1.24		
21561+2420	1	F CA	A 108270 B 108270		7.995 10.443	0.005 0.045		8.013 10.531	0.011 0.064	7.961 10.044	0.012 0.064	329.020 329.018	466 289	91 33	+24.339 +24.340	895 172	72 13	4.49 4.49	10.17 10.17	-12.75 -12.75	1.01 12.52	0.90 8.37	1.04 1.04	0.97 0.97	0.87 0.87	A	277.9		7.21	
21562-0659	1	F CA	A 108280 B 108280		7.665 10.023	0.007 0.064		7.542	0.008	7.565	0.010	329.057 329.057	559 334	13 29	-6.979 -6.979	998 83	70	0.93 0.93	15.65 15.65	0.61 0.61	1.70 18.37	1.14 11.85	1.81 1.81	2.12 2.12	1.23 1.23	A	44		1.08	
21565+5948	1	F CA	A 108301 B 108301		7.238 8.437	0.004 0.012					329.113 329.113	750 651	56 29	+59.795 +59.795	104 367	24 83	1.88 1.88	22.24 22.24	-0.12 -0.12	0.91 3.78	0.81 3.27	0.88 0.88	0.97 0.97	0.79 0.79	A	349.3		0.966		
21565-5303	1	F CA	A 108305 B 108305 C 108305		8.030 10.881	0.007 0.088		8.257 11.586	0.009 0.166	7.985 11.502	0.011 0.233	329.121 329.120	338 774	43 15	-53.048 -53.045	340 150	41 85	6.66 6.66	-12.16 -12.16	4.63 4.63	1.30 21.27	0.98 15.46	1.38 1.38	1.43 1.43	0.94 0.94	A	353.9		11.52	
21566+3053	1	F CA	A 108315 B 108315		9.623 11.977	0.011 0.099					329.146 329.146	565 650	62 66	+30.877 +30.877	295 423	31 83	1.08 1.08	5.07 5.07	5.76 5.76	1.91 20.41	2.55 18.14	1.99 1.99	1.55 1.55	2.24 2.24	A	30		0.53		
21567+1607	1	F CA	A 108319 B 108319		8.587 10.165	0.007 0.027		9.057 10.854	0.013 0.067	8.503 9.996	0.013 0.048	329.168 329.165	540 643	49 74	+16.123 +16.123	775 805	72 77	10.11 10.11	-27.36 -27.36	-32.37 -32.37	1.61 7.76	1.38 6.42	1.73 1.73	1.86 1.86	1.50 1.50	A	270.62		10.02	
21569-3522	1	F CA	A 108336 B 108336		7.556 9.817	0.004 0.028					329.231 329.231	396 267	21 87	-35.359 -35.359	829 717	21 63	4.13 4.13	14.70 14.70	-0.52 -0.52	1.16 7.92	0.93 6.02	1.14 1.14	1.14 1.14	0.79 0.79	A	317		0.55		
21573+3241	1	F CB	A 108373 S 108373		9.291 9.897	0.278 0.485					329.323 329.323	765 710	19 21	+32.675 +32.675	674 654	67 11	0.42 0.42	-4.97 -4.97	3.51 3.51	16.07 48.16	6.19 30.57	1.12 1.12	0.66 0.66	1.14 1.14	A	246		0.18		
21573+5029	1	F CA	A 108374 B 108374		7.477 10.881	0.005 0.106					329.324 329.324	601 536	33 03	+50.489 +50.489	480 233	72 72	1.79 1.79	1.99 1.99	-0.57 -0.57	0.86 28.98	0.80 22.41	0.93 0.93	0.87 0.87	0.79 0.79	A	190		0.90		
21573+6118	1	F CA	A 108372 B 108372		7.502 8.131	0.004 0.008					329.323 329.323	616 653	35 52	+61.295 +61.295	317 202	79 78	1.26 1.26	-2.01 -2.01	-3.67 -3.67	0.87 1.89	0.89 1.62	0.72 0.72	0.77 0.77	0.70 0.70	A	171.2		0.419		
21573-3418	1	F CA	A 108371 B 108371		10.900 12.148	0.014 0.043					329.321 329.321	631 940	37 48	-34.305 -34.305	868 957	40 18	14.47 14.47	14.69 14.69	-44.66 -44.66	3.00 18.16	2.41 13.31	3.26 3.26	3.38 3.38	2.19 2.19	A	109		0.97		
21576+0501	1	L FC	A 108395 B 108397		9.114 12.265	0.023 0.299		9.470	0.023	9.069	0.024	329.405 329.407	232 895	13 39	+5.016 +5.023	235 065	40 07	7.03 7.03	-20.60 -203.20	-22.60 -23.80	3.10 96.61	2.45 67.20	2.92 2.92	3.49 150.59	2.52 57.78	A	21.2	26.38	-0.4	-0.07
21577+2015	1	F CA	A 108409 B 108409		8.775 10.492	0.008 0.039		9.089	0.015	8.618	0.015	329.429 329.429	897 412	43 21	+20.241 +20.241	650 461	75 39	7.23 7.23	47.22 47.22	3.07 3.07	1.64 14.37	1.56 11.21	1.87 1.87	1.59 1.59	1.76 1.76	A	247.4		1.78	
21577-0038	1	F CA	B 108406 A 108406		9.596 9.647	0.010 0.010					329.421 329.421	907 747	95 00	-0.628 -0.628	781 826	15 81	4.90 4.90	-61.79 -61.79	-59.55 -59.55	3.55 4.89	2.94 3.62	3.05 3.05	3.73 3.73	2.12 2.12	B	254.2		0.60		
21579-5500	1	F FD	D A 108431 B 108431		4.799 5.959	0.074 0.216					329.479 329.479	283 330	70 90	-54.992 -54.992	569 558	25 88	17.65 17.65	43.00 43.00	-3.67 -3.67	5.63 9.13	7.06 19.86	0.78 0.78	0.63 0.63	0.39 0.39	A	69		0.10		
21580+0556	1	I CA	A 108439 B 108441		7.238 7.913	0.013 0.018		7.403 8.213	0.009 0.015	7.220 7.771	0.010 0.013	329.506 329.508	020 529	49 03	+5.940 +5.942	387 069	55 81	11.00 15.98	11.73 22.32	-12.27 -14.17	2.48 6.40	1.84 4.48	2.42 4.59	2.57 5.78	2.00 3.84	A	56.01	10.83	+0.04	+0.01
21581-0329	1	F CA	A 108448 B 108448		8.138 8.392	0.005 0.006					329.532 329.532	399 206	56 13	-3.489 -3.489	882 745	72 10	8.47 8.47	9.48 9.48	5.65 5.65	2.04 3.71	1.20 2.87	2.02 2.02	2.28 2.28	1.35 1.35	A	305.5		0.854		
21582+8252	1	I NB	A 108456 B 108461		7.035 7.598	0.018 0.029		7.563 8.243	0.008 0.012	7.024 7.499	0.008 0.010	329.556 329.584	381 895	01 65	+82.869 +82.871	666 158	45 16	25.38 26.03	-129.14 -132.18	-74.41 -40.27	2.42 8.51	2.16 8.36	1.92 4.56	2.53 5.85	2.16 5.30	A	67.13	13.83	-0.14	+0.01
21582-7901	1	F CC	A 108449 B 108449		10.158 11.075	0.266 0.618					329.540 329.540	399 316	58 89	-79.009 -79.009	834 874	77 62	9.03 9.03	33.68 33.68	21.45 21.45	20.67 37.46	13.30 52.49	1.09 1.09	1.04 1.04	1.00 1.00	A	202		0.15		
21583-0150	1	F CA	A 108460 B 108460		9.931 10.068	0.011 0.013		10.064 10.114	0.032 0.038	9.616 9.492	0.027 0.035	329.583 329.582	141 598	60 15	-1.829 -1.829	563 292	61 98	9.37 9.37	63.72 63.72	-33.97 -33.97	3.83 8.22	2.33 4.79	3.28 3.28	3.71 3.71	2.39 2.39	A	296.5		2.18	
21591+6400	1	F NC	G A 108519 B 108519 C 108519 D 108519		9.392 10.042 11.026 12.670	0.043 0.078 0.051 0.276					329.765 329.765 329.766 329.768	545 449 367 460	49 09 68 50	+63.998 +63.998 +63.998 +63.996	720 652 327 786	33 61 43 41	0.87 0.87 0.87 0.87	-2.46 -2.46 -2.46 -2.46	-5.13 -5.13 -5.13 -5.13	2.17 7.14 10.85 55.68	2.68 7.65 9.80 49.07	1.27 1.27 1.27 1.27	1.54 1.54 1.54 1.54	1.15 1.15 1.15 1.15	A	212	0.29		137.5 1.92 8.34	
21593+0537	1	F CA	A 108539 B 108539		9.877 10.548	0.060 0.110					329.819 329.819	451 368	79 09	+5.612 +5.612	186 149	77 78	5.09 5.09	-2.21 -2.21	-6.76 -6.76	6.80 14.75	3.45 7.77	1.92 1.92	2.04 2.04	1.84 1.84	A	246		0.33		



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt					
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
21594+1719	1	F CA	A 108557 B 108557	9.225 0.006 11.440 0.038								329.852 213 84 +17.319 824 18 329.852 370 03 +17.319 737 26	6.75 6.75	39.76 -15.03 39.76 -15.03	2.01 1.78 2.85 2.16 2.37 16.43 21.28 2.85 2.16 2.37	A 120	0.62											
21596-2738	1	F CB	A 108571 B 108571	7.317 0.004 10.752 0.092	7.622 0.006 11.402 0.103	7.275 0.007 10.477 0.074						329.894 716 80 -27.630 461 64 329.896 814 55 -27.627 889 46	13.85 13.85	31.07 -13.87 31.07 -13.87	0.99 0.75 1.07 1.00 0.64 29.92 29.68 1.07 1.00 0.64	A 35.9	11.42											
21597+4907	1	F CA	B 108577 A 108577	8.360 0.057 8.448 0.062								329.924 543 83 +49.123 191 18 329.924 582 18 +49.123 145 83	3.95 3.95	12.80 -7.99 12.80 -7.99	3.56 4.79 0.67 0.59 0.57 3.46 4.99 0.67 0.59 0.57	B 151	0.187											
21597-2959	1	F CA	A 108579 B 108579	9.438 0.010 10.294 0.022	9.715 0.021 10.343 0.071	9.197 0.019 9.803 0.041						329.932 657 01 -29.981 886 57 329.931 828 41 -29.981 984 36	5.44 5.44	-32.16 -13.57 -32.16 -13.57	2.08 1.45 1.97 2.21 1.17 6.10 4.61 1.97 2.21 1.17	A 262.2	2.61											
21598+6758	1	F CA	A 108583 B 108583	8.140 0.004 10.419 0.028	8.617 0.010 10.806 0.250	8.045 0.009 10.189 0.252						329.945 916 02 +67.974 002 37 329.945 592 18 +67.973 124 58	8.85 8.85	57.68 21.61 57.68 21.61	0.90 0.83 0.87 1.14 0.89 8.56 6.76 0.87 1.14 0.89	A 187.9	3.19											
21598-5015	1	F CA	A 108586 B 108586	9.057 0.006 11.867 0.084	9.382 0.014	8.956 0.014						329.955 964 18 -50.244 961 32 329.955 531 31 -50.245 100 61	6.14 6.14	26.29 -20.99 26.29 -20.99	1.46 1.28 1.96 1.51 1.22 19.42 18.67 1.96 1.51 1.22	A 243	1.12											
22000-4032	1	F CA	A 108599 B 108599	8.876 0.606 9.157 0.786								329.993 223 29 -40.538 896 97 329.993 256 93 -40.538 913 80	6.36 6.36	50.39 18.99 50.39 18.99	28.36 21.49 1.03 0.98 0.78 31.42 29.36 1.03 0.98 0.78	A 123	0.11											
22006-1345	1	F CA	A 108647 B 108647	7.812 0.011 9.512 0.049								330.159 144 49 -13.745 866 15 330.159 227 28 -13.745 799 94	6.18 6.18	9.16 3.48 9.16 3.48	2.39 1.54 1.51 1.70 1.06 13.19 6.73 1.51 1.70 1.06	A 51	0.38											
22007+4722	1	L CA	A 108652 B 108652	9.768 0.039 10.662 0.089								330.164 029 43 +47.364 849 15 330.164 126 06 +47.364 806 11	-0.31 -0.31	3.24 -1.58 -13.18 0.42	4.94 3.81 1.34 2.17 1.84 11.51 9.78 1.34 5.05 4.42	A 123	0.28	+1	-0.01									
22007+6229	1	F CA	A 108650 B 108650	6.738 0.003 10.017 0.056								330.163 610 47 +62.487 801 93 330.163 204 38 +62.487 602 08	0.14 0.14	-1.71 -2.88 -1.71 -2.88	0.61 0.53 0.57 0.61 0.51 12.42 10.31 0.57 0.61 0.51	A 223	0.99											
22007-5002	1	L CA	A 108651 B 108651	10.143 0.008 10.278 0.009								330.164 037 58 -50.035 245 91 330.163 962 15 -50.035 119 11	12.31 12.31	26.80 -56.83 25.98 -43.52	3.47 3.43 3.60 2.62 2.31 3.56 3.81 3.60 3.48 3.06	A 339.1	0.489	+0.5	+0.013									
22008-2827	1	F CA	A 108661 B 108661	5.742 0.003 6.825 0.008	5.508 0.020	5.612 0.020						330.209 229 38 -28.453 737 26 330.209 756 64 -28.453 937 90	3.22 3.22	14.81 0.30 14.81 0.30	0.91 0.64 0.90 0.96 0.59 2.13 1.92 0.90 0.96 0.59	A 113.4	1.818											
22009+4338	1	F CA	A 108675 B 108675	7.915 0.004 9.683 0.017								330.231 926 99 +43.635 166 61 330.231 672 00 +43.635 356 43	5.92 5.92	8.52 -14.67 8.52 -14.67	0.82 0.86 1.13 0.84 0.83 5.20 5.31 1.13 0.84 0.83	A 315.8	0.95											
22009-5628	1	F CA	A 108670 B 108670	8.477 0.005 10.067 0.019								330.224 339 42 -56.471 189 05 330.223 900 40 -56.471 111 96	3.00 3.00	14.73 0.96 14.73 0.96	1.12 0.91 1.31 1.31 0.91 5.79 5.85 1.31 1.31 0.91	A 287.6	0.92											
22013+4621	1	I CA	A 108712 B 108710	9.679 0.030 9.879 0.032	9.602 0.019 10.960 0.052	9.468 0.024 9.745 0.029						330.328 969 04 +46.353 096 19 330.322 476 96 +46.351 572 66	11.99 11.91	9.43 0.30 7.99 0.05	3.97 4.07 3.90 3.91 3.67 10.48 9.62 5.13 5.14 4.86	A 251.22	17.04	0.00	0.00									
22013-1731	1	F CA	A 108711 B 108711	8.009 0.005 10.554 0.052	9.361 0.021 10.918 0.178	7.974 0.012 10.157 0.164						330.327 692 99 -17.516 561 71 330.327 431 00 -17.515 536 65	6.04 6.04	-30.33 -23.29 -30.33 -23.29	1.66 1.00 1.71 1.74 0.89 18.44 18.20 1.71 1.74 0.89	A 346.3	3.80											
22014+6133	1	F CA	A 108720 B 108720	8.029 0.044 9.839 0.235								330.357 151 53 +61.556 102 16 330.357 157 08 +61.556 148 45	1.11 1.11	-1.05 -3.08 -1.05 -3.08	3.08 3.96 0.59 0.67 0.53 15.89 16.11 0.59 0.67 0.53	A 3	0.17											
22015-1536	1	F CB	A 108732 B 108732	7.217 0.004 10.890 0.112	8.188 0.011 11.290 0.118	7.158 0.007 10.322 0.078						330.386 819 84 -15.612 007 86 330.384 180 66 -15.612 000 29	6.43 6.43	39.48 -5.88 39.48 -5.88	1.16 0.81 1.21 1.42 0.76 44.52 23.10 1.21 1.42 0.76	A 270.2	9.15											
22018+2334	1	F CB	A 108753 B 108753	8.726 0.011 11.746 0.181	8.735 0.014	8.699 0.018						330.453 920 71 +23.567 475 65 330.453 908 08 +23.567 147 08	2.72 2.72	-1.19 -8.55 -1.19 -8.55	1.77 1.78 1.89 1.74 1.92 44.58 47.33 1.89 1.74 1.92	A 182	1.18											
22018-0952	1	F CC	B 108757 A 108757	8.620 0.255 9.849 0.792								330.460 043 49 -9.874 764 16 330.460 052 90 -9.874 735 63	2.61 2.61	13.70 7.63 13.70 7.63	9.99 13.92 1.07 1.17 0.71 24.49 32.50 1.07 1.17 0.71	B 18	0.11											
22020+1058	1	F CA	A 108766 B 108766	6.375 0.004 9.863 0.104								330.505 700 44 +10.973 802 35 330.505 552 75 +10.973 785 79	2.43 2.43	10.84 1.53 10.84 1.53	1.18 0.79 1.10 1.30 0.90 22.73 21.49 1.10 1.30 0.90	A 263	0.53											
22020-4019	1	L CB	A 108765 B 108765	9.959 0.027 11.782 0.131	10.617 0.038	9.905 0.032						330.492 592 80 -40.316 004 35 330.491 829 62 -40.320 818 38	15.06 15.06	-61.67 -21.21 10.25 -21.31	2.74 2.09 2.73 2.07 1.45 51.93 33.59 2.73 24.98 15.86	A 186.9	17.46	-0.2	-0.01									
22021+4223	1	F FD	A 108776 B 108776	11.275 0.061 11.697 0.089								330.524 282 88 +42.379 644 96 330.524 330 65 +42.379 706 93	1.04 1.04	7.19 -4.98 7.19 -4.98	9.25 11.79 2.35 1.86 2.04 12.91 15.31 2.35 1.86 2.04	A 30	0.26											
22024-1658	1	F CB	B 108797 A 108797	7.129 0.013 7.359 0.014	7.193 0.032 8.309 0.017	7.087 0.025 7.224 0.012						330.609 355 10 -16.964 833 42 330.610 377 29 -16.964 402 74	6.92 6.92	5.94 -1.09 5.94 -1.09	2.97 2.05 2.17 2.52 1.26 4.88 3.14 2.17 2.52 1.26	B 66.2	3.85											
22025-7719	1	I CA	A 108801 B 108799	8.278 0.005 10.142 0.023	8.571 0.009 10.434 0.033	8.236 0.009 9.926 0.032						330.618 776 31 -77.311 215 05 330.613 792 82 -77.313 906 70	6.07 6.55	50.32 -42.02 57.49 -50.71	1.36 1.34 1.31 1.52 1.23 8.49 8.03 4.18 7.30 5.89	A 202.13	10.46	-0.05	+0.01									
22029+1547	1	F CA	A 108842 B 108842	7.654 0.160 8.861 0.487								330.729 381 93 +15.782 483 37 330.729 403 19 +15.782 459 53	10.14 10.14	-11.43 -7.86 -11.43 -7.86	6.95 6.50 0.97 0.79 0.96 14.72 19.56 0.97 0.79 0.96	A 139	0.11											
22029+3934	1	F CA	A 108841 B 108841	8.228 0.005 11.092 0.072	8.214 0.006 11.238 0.054	8.195 0.008 10.795 0.058						330.727 627 86 +39.562 716 69 330.726 587 34 +39.559 849 50	1.71 1.71	-1.07 -2.91 -1.07 -2.91	0.96 1.07 1.50 1.01 1.24 18.58 20.27 1.50 1.01 1.24	A 195.6	10.72											



System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
22059+4522	1	F CA	A 109085 B 109085	9.626 0.009 10.377 0.017								331.466 037 68 +45.371 443 28 331.465 771 32 +45.371 359 37	-1.32 -1.32	0.89 -3.48 0.89 -3.48	2.29 1.94 2.55 5.48 4.97 2.55	2.51 2.16 2.51 2.16	A 245.8	0.738									
22060+2048	1	F CA	A 109099 B 109099	8.161 005 8.692 009	8.234 0.011 8.839 0.021	7.996 0.013 8.529 0.022						331.505 214 90 +20.803 429 72 331.503 839 43 +20.801 927 43	6.31 6.31	-1.14 -0.17 -1.14 -0.17	1.54 1.46 1.77 4.48 3.33 1.77	1.61 1.54 1.61 1.54	A 220.56	7.119									
22060-5628	1	F CA	A 109097 B 109097	8.697 0.006 10.747 0.037	9.196 0.014	8.579 0.013						331.494 447 61 -56.472 032 44 331.495 289 42 -56.472 058 77	9.83 9.83	41.85 -42.13 41.85 -42.13	1.33 1.09 1.68 10.61 7.90 1.68	1.51 1.13 1.51 1.13	A 93.2	1.68									
22061+4324	1	F CA	A 109105 B 109105	10.287 0.031 12.067 0.158								331.512 602 06 +43.394 064 50 331.512 490 00 +43.394 113 93	1.07 1.07	2.45 1.25 2.45 1.25	4.56 3.81 1.76 19.39 21.30 1.76	1.49 1.67 1.49 1.67	A 301	0.34									
22062+1006	1	I CB	A 109117 B 109119	7.188 0.015 10.592 0.285	7.341 0.006 10.531 0.046	7.134 0.007 9.803 0.037						331.544 467 37 +10.093 468 40 331.549 257 76 +10.091 325 75	8.77 93.81	0.45 -4.73 -6.56 -5.69	2.05 1.33 1.79 110.03 74.33 66.11	2.38 1.44 76.60 55.87	A 112.7	19.95	0.0	-0.01							
22062+8240	1	F CA	A 109127 B 109127	8.169 0.049 9.762 0.212								331.558 498 79 +82.660 741 89 331.558 117 54 +82.660 726 11	2.99 2.99	26.89 8.63 26.89 8.63	4.63 2.41 0.67 15.41 8.88 0.67	0.69 0.60 0.69 0.60	A 252	0.18									
22062-5600	1	LND	D A 109118 B 109115	10.091 0.023 13.011 0.039	10.993 0.046	10.007 0.030						331.546 146 51 -55.993 320 98 331.542 574 99 -55.990 169 28	11.07 11.07	36.86 -0.55 -128.19 71.33	3.12 2.55 3.54 103.57 85.75 3.54	3.68 2.70 74.10 52.14	A 327.6	13.43	-0.4	+0.15							
22063+3938	1	F CA	A 109129 B 109129	8.740 0.004 11.163 0.033								331.564 598 63 +39.628 390 21 331.564 783 37 +39.628 435 77	2.43 2.43	3.61 -2.90 3.61 -2.90	1.05 1.12 1.59 8.69 11.77 1.59	0.95 1.33 0.95 1.33	A 72	0.54									
22064+7430	1	F CA	A 109132 B 109132	9.618 0.007 11.403 0.034	11.374 0.065	9.621 0.024						331.590 446 31 +74.495 454 47 331.595 523 73 +74.493 140 99	1.98 1.98	11.86 0.56 11.86 0.56	1.26 1.19 1.24 9.34 8.13 1.24	1.38 1.21 1.38 1.21	A 148.6	9.76									
22067+6534	1	F CC	A 109161 B 109161	10.364 0.350 11.180 0.742								331.675 303 55 +65.567 618 14 331.675 309 35 +65.567 654 09	2.84 2.84	-8.35 -11.72 -8.35 -11.72	10.95 21.94 0.96 22.16 43.32 0.96	1.14 0.88 1.14 0.88	A 4	0.13									
22070+3606	1	F CA	G A 109180 B 109180 C 109180	8.118 0.014 9.677 0.028 11.706 0.391	8.160 0.012	7.918 0.011						331.759 133 53 +36.093 730 60 331.758 880 11 +36.093 968 05 331.760 490 74 +36.095 517 57	6.92 6.92 6.92	2.25 -5.74 2.25 -5.74 2.25 -5.74	1.29 1.40 1.66 7.87 8.15 1.66 24.74 28.27 1.66	1.36 1.66 1.36 1.66 1.36 1.66	A 319.2	1.13									
22070-5347	1	L CA	A 109178 B 109178	9.970 0.008 12.169 0.054	11.251 0.058	9.909 0.028						331.754 304 25 -53.780 595 50 331.756 711 16 -53.781 331 84	4.06 4.06	20.90 -0.14 22.75 -32.61	1.90 1.51 2.38 17.05 16.32 2.38	1.92 1.17 15.66 10.92	A 117.4	5.77	+0.3	+0.02							
22071+0034	1	F CA	A 109186 B 109186	8.096 0.008 8.605 0.012	8.582 0.024 9.038 0.023	7.980 0.022 8.414 0.021						331.777 534 49 +0.570 167 87 331.778 228 48 +0.570 084 35	12.96 12.96	87.68 46.56 87.68 46.56	2.41 2.07 2.29 4.83 3.63 2.29	2.88 2.08 2.88 2.08	A 96.9	2.52									
22071-5908	1	F CA	A 109183 B 109183	9.081 0.008 10.345 0.024	9.701 0.019 11.303 0.094	8.962 0.016 10.119 0.050						331.764 526 55 -59.126 979 24 331.765 874 80 -59.127 705 56	14.55 14.55	224.42 72.68 224.42 72.68	1.46 1.48 1.91 6.21 6.44 1.91	1.77 1.42 1.77 1.42	A 136.4	3.61									
22075+2538	1	F CA	A 109211 B 109211	8.827 0.077 9.379 0.127								331.871 469 46 +25.636 499 02 331.871 515 49 +25.636 475 41	3.75 3.75	19.28 -0.50 19.28 -0.50	6.25 5.42 1.04 8.72 8.24 1.04	0.88 0.99 0.88 0.99	A 120	0.17									
22075+5631	1	F CA	A 109213 B 109213	8.926 0.006 10.662 0.028								331.875 238 03 +56.508 449 51 331.875 117 72 +56.508 565 80	2.77 2.77	4.19 -2.81 4.19 -2.81	1.25 1.31 1.21 7.15 6.38 1.21	1.04 1.05 1.04 1.05	A 330	0.48									
22078+3737	1	IND	D A 109237 B 109237	9.679 0.013 12.486 0.172	10.625 0.037	9.608 0.025						331.950 550 47 +37.617 014 79 331.948 540 73 +37.614 459 22	24.99 -4.36	86.37 -158.20 -0.09 12.62	1.69 1.84 2.26 36.87 44.30 31.98	2.04 2.11 27.27 29.65	A 211.9	10.84	+0.9	-0.10							
22080+5635	1	F CA	A 109252 B 109252	8.251 0.183 9.814 0.771								331.994 543 23 +56.578 808 42 331.994 593 08 +56.578 826 02	6.47 6.47	37.41 24.44 37.41 24.44	10.14 6.61 0.66 29.06 20.42 0.66	0.56 0.55 0.56 0.55	A 57	0.12									
22080+6100	1	F CC	A 109250 B 109250	9.742 0.232 11.206 0.893								331.989 223 42 +60.999 652 02 331.989 147 35 +60.999 680 15	0.88 0.88	-1.91 -4.07 -1.91 -4.07	15.94 12.26 0.90 51.74 41.89 0.90	1.03 0.80 1.03 0.80	A 307	0.17									
22080+6107	1	F CA	A 109254 B 109254	8.866 0.006 9.755 0.013	8.885 0.014 9.752 0.029	8.811 0.017 9.641 0.038						332.001 892 57 +61.122 800 81 331.998 708 17 +61.122 803 24	1.22 1.22	-3.95 -4.51 -3.95 -4.51	1.37 1.13 1.24 3.88 3.32 1.24	1.32 1.09 1.32 1.09	A 270.09	5.536									
22083+2409	1	L CA	A 109281 B 109281	7.286 0.116 7.673 0.166								332.078 400 93 +24.156 966 18 332.078 373 69 +24.156 987 80	12.65 12.65	-44.25 -75.34 -71.27 -90.95	5.97 5.45 0.79 6.96 6.40 0.79	2.54 2.40 3.32 3.33	A 311	0.119	-14	+0.010							
22083+6054	1	F CA	A 109278 B 109278	9.603 0.027 10.921 0.088	9.716 0.019 11.323 0.083	9.494 0.024 11.041 0.109						332.074 733 70 +60.896 379 18 332.081 154 07 +60.899 483 10	9.90 9.90	-6.96 -5.00 -6.96 -5.00	3.55 2.75 3.13 21.70 24.36 3.13	3.68 2.83 3.68 2.83	A 45.2	15.85									
22084+4913	1	F CA	A 109283 B 109283	8.013 0.004 11.558 0.105	7.989 0.007 11.452 0.136	8.010 0.009 11.176 0.160						332.088 528 52 +49.221 010 90 332.090 892 33 +49.222 052 04	3.88 3.88	4.85 0.64 4.85 0.64	0.76 0.79 0.93 22.17 24.95 0.93	0.73 0.76 0.73 0.76	A 56.0	6.70									
22084-4403	1	F CA	A 109288 B 109288	9.973 0.091 10.303 0.124								332.105 512 74 -44.057 300 42 332.105 480 15 -44.057 256 55	9.20 9.20	37.91 22.88 37.91 22.88	5.36 7.59 1.47 8.33 10.05 1.47	2.09 1.05 2.09 1.05	A 332	0.18									
22088-2546	1	F CA	A 109312 B 109312	7.358 0.016 9.176 0.084								332.190 875 16 -25.770 241 26 332.190 816 94 -25.770 206 62	5.26 5.26	39.02 -37.82 39.02 -37.82	2.97 3.08 1.16 14.42 15.81 1.16	1.14 0.83 1.14 0.83	A 303	0.23									
22090+6743	1	IND	D A 109339 B 109335	8.550 0.026 10.093 0.084	8.567 0.011 10.260 0.037	8.516 0.013 9.836 0.039						332.257 538 73 +67.717 449 47 332.250 054 82 +67.723 155 25	5.75 12.29	-3.09 -14.43 -4.24 -13.40	1.97 1.89 1.68 21.13 20.02 11.32	2.20 1.77 15.06 11.66	A 333.56	22.94	0.00	0.00							
22091+2259	1	F CA	A 109348 B 109348	9.512 0.006 12.219 0.069								332.285 556 73 +22.981 967 52 332.285 697 07 +22.981 857 92	0.97 0.97	4.53 -1.13 4.53 -1.13	1.53 1.35 1.58 19.22 19.89 1.58	1.51 1.37 1.51 1.37	A 130	0.61									

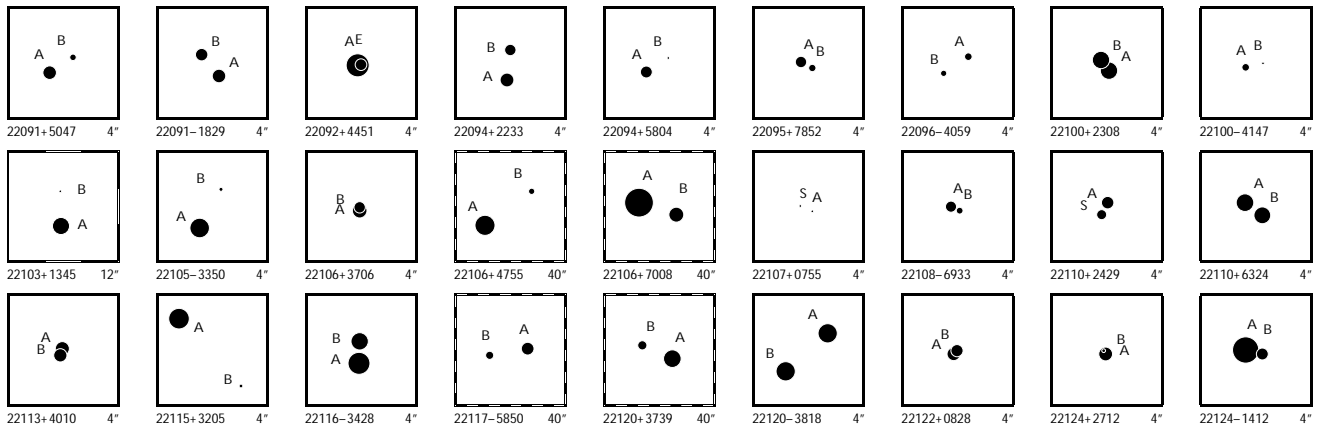


Component Solutions

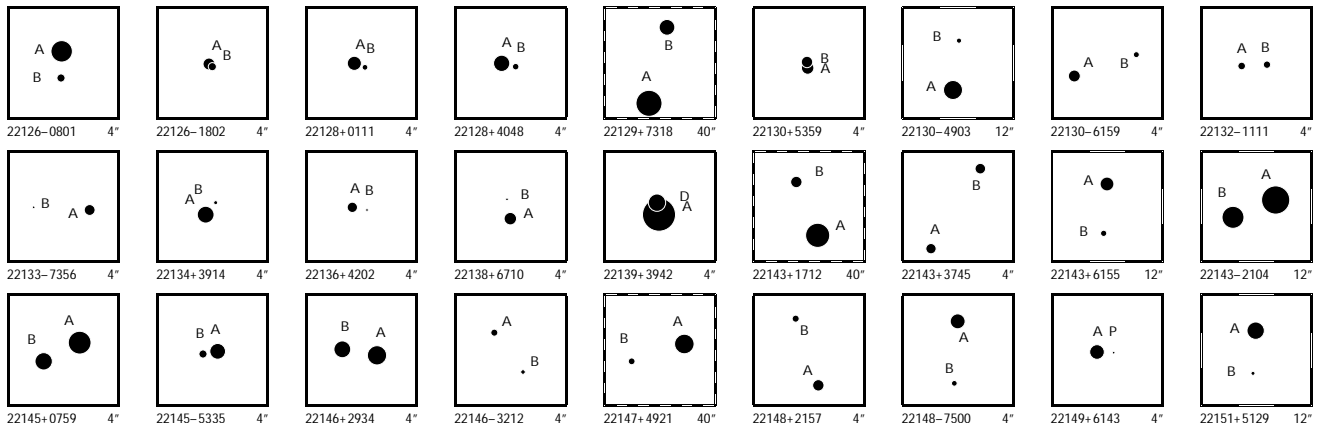
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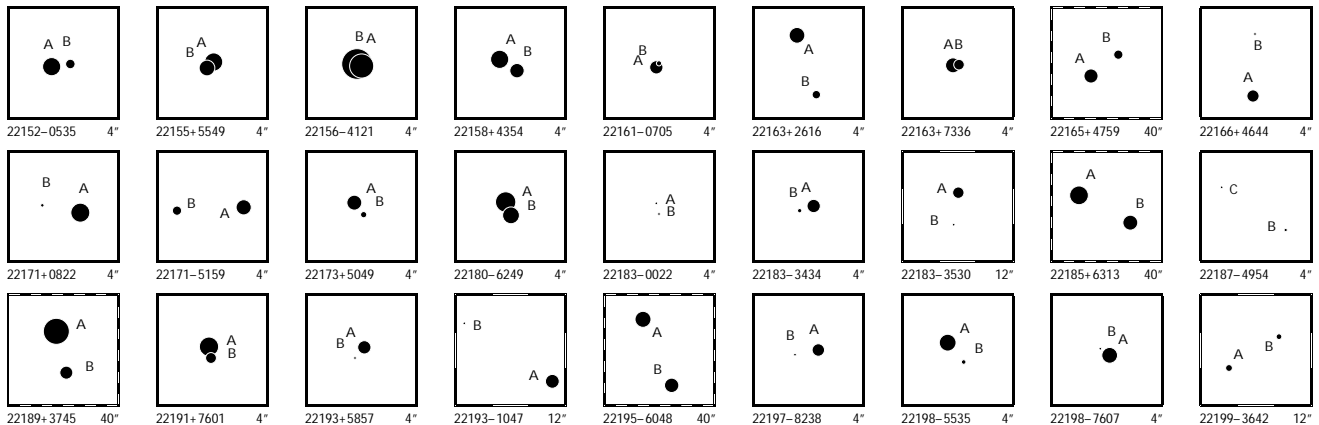
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22091+5047	1	F	C	A 109345 B 109345	8.997 10.577	0.006 0.023					332.274 958 04 +50.775 768 27 332.274 584 14 +50.775 919 08	0.30 0.30	-0.27 -0.27	-3.27 -3.27	1.18 6.14	1.09 6.75	1.35 1.35	1.20 1.20	1.12 1.12	A	302.5	1.01			
22091-1829	1	L	C	A 109344 B 109344	9.010 9.241	0.009 0.011					332.275 879 03 -18.484 940 30 332.276 063 09 -18.484 718 02	13.30 13.30	38.55 20.23	-18.03 -18.31	2.87 6.34	2.20 3.50	2.20 2.20	2.63 2.36	1.63 2.27	A	38.1	1.017	-0.8	-0.012	
22092+4451	1	F	C	B E 109342	6.881 9.390	0.079 0.798					332.271 786 82 +44.854 754 75 332.271 736 82 +44.854 762 49	5.00 5.00	18.79 18.79	-0.18 -0.18	6.04 34.11	2.32 26.30	0.70 0.70	0.56 0.56	0.61 0.61	A	282	0.13			
22094+2233	1	F	C	A 109360 B 109360	8.937 9.472	0.007 0.011					332.341 668 18 +22.546 231 12 332.341 630 52 +22.546 537 43	2.85 2.85	21.22 21.22	-15.31 -15.31	2.34 4.52	1.57 4.79	2.00 2.00	2.37 2.37	1.32 1.32	A	353.5	1.11			
22094+5804	1	F	C	A 109358 B 109358	9.359 12.202	0.006 0.084					332.338 664 16 +58.062 012 24 332.338 242 25 +58.062 158 40	1.87 1.87	3.49 3.49	0.56 0.56	1.14 17.74	1.07 15.77	1.22 1.22	1.21 1.21	1.08 1.08	A	303	0.96			
22095+7852	1	F	C	A 109377 B 109377	9.455 10.381	0.007 0.016					332.373 684 39 +78.862 503 10 332.373 065 96 +78.862 444 15	1.97 1.97	28.65 28.65	13.72 13.72	1.72 4.64	1.40 4.50	1.28 1.28	1.73 1.73	1.33 1.33	A	244	0.480			
22096-4059	1	F	C	A 109383 B 109383	10.296 10.601	0.015 0.020					332.399 495 17 -40.985 475 06 332.399 827 69 -40.985 653 51	3.93 3.93	20.41 20.41	-22.73 -22.73	3.28 9.58	3.35 6.41	3.16 3.16	2.72 2.72	2.78 2.78	A	125.4	1.11			
22100+2308	1	L	C	A 109414 B 109414	8.140 8.167	0.007 0.007					332.509 320 67 +23.125 891 91 332.509 403 73 +23.125 994 20	9.54 9.54	-16.13 -17.31	-8.90 0.39	1.88 3.18	1.62 2.28	1.50 1.50	1.54 1.95	1.27 1.47	A	36.8	0.460	-0.8	+0.007	
22100-4147	1	F	C	A 109409 B 109409	10.330 11.920	0.014 0.053					332.491 791 33 -41.776 659 84 332.491 551 46 -41.776 614 64	3.47 3.47	-28.49 -28.49	-34.53 -34.53	2.93 15.56	2.14 14.25	2.78 2.78	2.96 2.96	1.78 1.78	A	284	0.66			
22103+1345	1	F	C	B B 109440	8.241 11.456	0.009 0.163	8.768 0.014	8.207 0.013			332.582 189 52 +13.749 389 65 332.582 207 22 +13.750 465 59	18.38 18.38	-114.64 -114.64	-99.44 -99.44	1.63 38.47	1.33 33.33	1.96 1.96	2.39 2.39	1.56 1.56	A	1	3.87			
22105-3350	1	F	C	A 109462 B 109462	7.698 11.103	0.009 0.212	8.311 0.008	7.644 0.008			332.634 807 94 -33.827 245 50 332.634 550 34 -33.826 850 92	14.35 14.35	6.48 6.48	-53.51 -53.51	1.53 58.14	1.23 39.73	1.60 1.60	1.51 1.51	1.07 1.07	A	332	1.62			
22106+3706	1	F	C	A 109469 B 109469	8.751 9.472	0.305 0.593					332.650 385 52 +37.106 456 23 332.650 376 56 +37.106 490 07	1.04 1.04	-4.16 -4.16	-10.84 -10.84	4.93 12.55	17.71 32.95	0.99 0.99	1.05 1.05	0.89 0.89	A	348	0.12			
22106+4755	1	F	F	D B 109464	7.583 10.620	0.054 0.710	8.043 0.009	7.508 0.007			332.643 554 80 +47.913 789 57 332.636 383 09 +47.917 307 82	4.20 4.20	-6.18 -6.18	-4.37 -4.37	1.83 160.60	1.86 168.99	1.96 1.96	1.93 1.93	2.03 2.03	A	306.2	21.44			
22106+7008	1	F	C	A 109474 B 109474	5.612 8.709	0.004 0.064	5.960 0.004	5.560 0.003	9.432 0.024	8.561 0.018	332.662 092 70 +70.132 513 90 332.650 707 54 +70.131 269 74	30.61 30.61	-64.78 -64.78	24.17 24.17	0.52 14.78	0.47 12.11	0.50 0.50	0.55 0.55	0.46 0.46	A	252.18	14.63			
22107+0755	1	F	C	A 109480 S 109480	11.636 11.917	0.096 0.124					332.685 646 80 +7.909 061 09 332.685 767 21 +7.909 103 01	26.63 26.63	251.33 251.33	26.51 26.51	11.72 23.22	6.20 14.41	8.18 8.18	8.34 8.34	6.06 6.06	A	71	0.46			
22108-6933	1	F	C	A 109483 B 109483	9.565 10.483	0.013 0.031					332.695 017 15 -69.543 287 76 332.694 756 82 -69.543 329 72	2.65 2.65	18.71 18.71	-11.76 -11.76	2.50 6.50	2.17 6.38	2.15 2.15	1.85 1.85	1.55 1.55	A	245	0.36			
22110+2429	1	F	C	A 109501 S 109501	9.266 9.764	0.006 0.010					332.739 478 74 +24.488 546 46 332.739 550 18 +24.488 421 06	6.39 6.39	57.25 57.25	26.45 26.45	2.02 4.17	1.85 3.58	2.08 2.08	2.20 2.20	1.85 1.85	A	152.6	0.509			
22110+6324	1	F	C	A 109505 B 109505	8.072 8.261	0.005 0.006					332.748 157 93 +63.399 585 32 332.747 776 33 +63.399 451 77	1.04 1.04	-0.83 -0.83	-2.05 -2.05	1.62 2.30	1.29 1.97	1.43 1.43	1.63 1.63	1.40 1.40	A	232.0	0.781			
22113+4010	1	L	C	A 109535 B 109535	8.888 9.058	0.026 0.030					332.816 548 63 +40.168 807 83 332.816 587 45 +40.168 735 51	4.53 4.53	46.07 34.02	12.14 7.49	2.44 3.62	3.73 4.38	1.21 1.21	2.44 3.32	1.63 2.06	A	158	0.281	+3	0.000	
22115+3205	1	F	C	B B 109552	7.460 11.164	0.003 0.086	7.675 0.005	7.397 0.005			332.868 023 16 -32.086 058 53 332.867 271 29 +32.085 363 73	8.50 8.50	44.90 44.90	7.11 7.11	0.66 26.35	0.81 28.32	1.02 1.02	0.67 0.67	1.01 1.01	A	222.5	3.39			
22116-3428	1	F	C	A 109561 B 109561	7.166 8.148	0.005 0.012					332.908 345 42 -34.465 065 18 332.908 328 46 -34.464 843 62	3.23 3.23	14.95 14.95	-18.70 -18.70	1.44 3.74	1.20 2.51	1.60 1.60	1.46 1.46	1.01 1.01	A	356.4	0.799			
22117-5850	1	I	C	A 109566 B 109566	9.196 10.170	0.012 0.025	9.652 0.018	9.134 0.017	10.688 0.034	10.127 0.033	332.927 336 81 -58.831 490 42 332.934 912 09 -58.832 155 82	10.11 12.14	-2.60 -3.95	-22.13 -23.39	2.43 9.06	2.46 9.21	2.92 6.17	2.61 5.56	2.24 4.44	A	99.64	14.32	+0.01	0.00	
22120+3739	1	I	C	A 109587 B 109588	8.118 9.951	0.006 0.028	8.622 0.013	8.047 0.012	10.755 0.060	9.813 0.040	332.994 430 85 +37.651 166 62 332.998 269 73 +37.652 460 06	17.23 8.41	-51.92 -62.82	-5.42 -2.17	1.86 10.84	1.65 10.32	1.75 8.48	2.51 11.27	1.89 8.69	A	66.95	11.89	-0.03	-0.01	
22120-3818	1	F	C	A 109595 B 109595	7.712 7.752	0.004 0.005	7.981 0.012	7.631 0.008	8.050 0.013	7.637 0.012	333.009 391 46 -38.302 861 68 333.009 946 50 -38.303 250 56	10.63 10.63	-12.31 -12.31	15.28 15.28	1.74 2.84	1.45 2.18	1.81 1.81	2.01 2.01	1.53 1.53	A	131.8	2.102			
22122+0828	1	F	C	A 109608 B 109608	9.047 9.329	0.098 0.127					333.055 713 32 +8.460 532 10 333.055 683 67 +8.460 568 72	7.79 7.79	21.30 21.30	26.92 26.92	6.36 7.61	7.20 8.50	1.27 1.27	1.33 1.33	1.04 1.04	A	321	0.169			
22124+2712	1	F	C	A 109618 B 109618	8.940 11.135	0.107 0.808					333.089 875 13 +27.202 289 21 333.089 888 90 +27.202 330 00	2.43 2.43	0.20 0.20	-4.86 -4.86	7.31 53.95	7.59 54.61	1.07 1.07	0.97 0.97	0.82 0.82	A	17	0.15			
22124-1412	1	F	C	A 109624 B 109624	6.185 9.338	0.003 0.058					333.107 257 18 -14.193 841 49 333.107 089 32 -14.193 880 51	23.00 23.00	26.09 26.09	-47.47 -47.47	0.94 15.80	0.63 12.35	0.90 0.90	0.98 0.98	0.60 0.60	A	257	0.60			



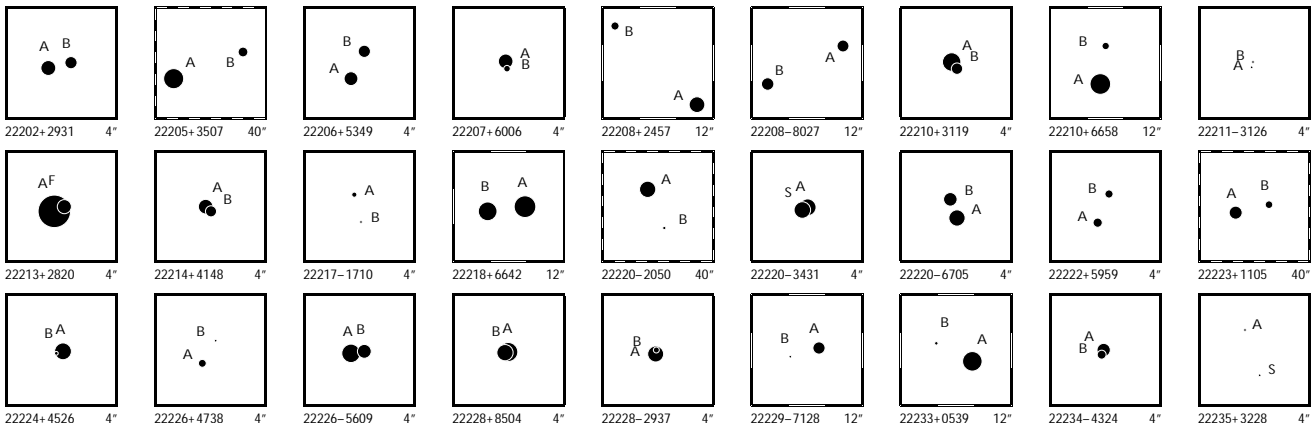
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22126-0801	1	F CA	A 109637 B 109637	7.279 0.004 10.214 0.057								333.148 959 72 333.148 967 56	-8.013 881 95 -8.014 154 39	13.29 13.29	59.46 59.46	-40.23 -40.23	1.14 0.83 1.17 1.16 0.72 16.51 19.15 1.17 1.16 0.72	A 178	0.98							
22126-1802	1	F CB	A 109634 B 109634	9.339 0.253 10.171 0.545								333.138 021 72 333.137 982 08	-18.027 161 97 -18.027 195 07	10.99 10.99	-28.52 -28.52	3.87 3.87	15.27 15.09 1.30 1.59 0.93 46.67 29.10 1.30 1.59 0.93	A 229	0.18							
22128+0111	1	F CA	A 109650 B 109650	8.896 0.017 10.763 0.092								333.191 672 46 333.191 559 26	+1.184 580 73 +1.184 539 12	14.35 14.35	92.69 92.69	-43.65 -43.65	3.32 1.68 2.03 3.16 1.31 18.83 10.01 2.03 3.16 1.31	A 250	0.43							
22128+4048	1	F CA	A 109651 B 109651	8.411 0.004 10.576 0.029								333.192 709 36 333.192 513 16	+40.793 879 71 +40.793 837 85	4.28 4.28	38.09 38.09	11.74 11.74	1.06 1.06 1.42 0.93 1.12 6.77 9.43 1.42 0.93 1.12	A 254	0.56							
22129+7318	1	IND D	A 109659 B 109657	6.258 0.005 8.522 0.029	7.371 0.006 8.608 0.010	6.189 0.003 8.381 0.011						333.219 679 53 333.213 457 83	+73.307 143 14 +73.314 953 02	3.70 5.78	21.48 17.49	20.59 19.92	0.94 0.87 0.82 0.97 0.86 8.40 8.24 4.71 5.04 4.98	A 347.12	28.842	-0.01	0.000					
22130+5359	1	F CA	A 109669 B 109669	9.218 0.035 9.457 0.044								333.244 982 53 333.244 989 56	+53.984 510 84 +53.984 574 79	1.61 1.61	4.44 4.44	-1.59 -1.59	2.41 4.14 0.95 0.78 0.88 3.77 5.05 0.95 0.78 0.88	A 4	0.231							
22130-4903	1	F CA	A 109673 B 109673	7.809 0.004 10.834 0.070	8.744 0.009 10.944 0.057	7.749 0.007 10.424 0.060						333.253 060 00 333.252 765 43	-49.053 701 77 -49.052 180 85	6.13 6.13	25.49 25.49	2.21 2.21	0.95 0.72 1.25 0.94 0.76 16.29 11.65 1.25 0.94 0.76	A 352.8	5.52							
22130-6159	1	F CA	A 109671 B 109671	9.343 0.008 10.706 0.026	9.672 0.010 10.448 0.054	9.161 0.011 9.876 0.039						333.250 033 36 333.248 672 24	-61.981 359 33 -61.981 143 30	7.16 7.16	-14.57 -14.57	-0.44 -0.44	1.11 1.30 1.98 1.28 1.25 5.88 5.89 1.98 1.28 1.25	A 288.7	2.43							
22132-1111	1	LND D	A 109695 B 109695	10.333 0.012 10.373 0.013								333.294 104 87 333.293 841 83	-11.177 157 21 -11.177 142 39	8.89 8.89	273.29 285.49	-83.39 -83.12	4.87 3.54 3.65 4.86 2.77 8.42 6.78 3.65 5.71 3.59	A 273.3	0.93	+0.1	-0.01					
22133-7356	1	F CA	A 109702 B 109702	9.620 0.007 11.395 0.035	9.861 0.019	9.530 0.021						333.314 043 05 333.316 106 31	-73.930 720 13 -73.930 691 16	2.23 2.23	5.31 5.31	11.57 11.57	1.49 1.45 1.75 1.79 1.45 9.44 9.84 1.75 1.79 1.45	A 87.1	2.06							
22134+3914	1	F CA	A 109714 B 109714	8.306 0.007 11.094 0.090								333.349 484 72 333.349 358 30	+39.228 034 66 +39.228 151 23	2.84 2.84	18.67 18.67	0.52 0.52	1.65 1.65 1.94 1.48 1.52 21.84 24.46 1.94 1.48 1.52	A 320	0.55							
22136+4202	1	F CB	A 109728 B 109728	9.728 0.010 12.461 0.118								333.408 951 90 333.408 744 36	+42.035 895 73 +42.035 876 21	1.32 1.32	9.61 9.61	0.65 0.65	2.15 1.77 2.15 1.65 1.76 26.24 31.58 2.15 1.65 1.76	A 263	0.56							
22138+6710	1	F CB	A 109743 B 109743	9.211 0.005 12.680 0.125								333.450 473 78 333.450 553 08	+67.173 924 57 +67.174 123 22	0.66 0.66	-1.71 -1.71	-2.23 -2.23	1.20 1.17 1.20 1.31 1.14 44.20 35.06 1.20 1.31 1.14	A 9	0.72							
22139+3942	1	F CA	A 109754 D 109754	4.693 0.002 8.150 0.038								333.469 589 44 333.469 621 45	+39.714 889 28 +39.715 004 37	5.79 5.79	37.65 37.65	15.55 15.55	0.46 0.52 0.64 0.49 0.58 10.45 10.26 0.64 0.49 0.58	A 12	0.42							
22143+1712	1	FND D	A 109788 B 109790	6.654 0.021 9.508 0.231	8.171 0.011 9.875 0.034	6.638 0.006 9.228 0.030						333.576 881 02 333.579 104 72	+17.189 566 16 +17.194 996 29	8.19 8.19	-82.75 -82.75	-91.39 -91.39	1.93 1.29 1.61 2.12 1.66 67.82 57.14 1.61 2.12 1.66	A 21.4	20.99							
22143+3745	1	F CA	B 109784 A 109784	9.641 0.010 9.748 0.011	10.095 0.035 10.263 0.043	9.558 0.034 9.720 0.043						333.564 664 25 333.565 308 47	+37.745 910 78 +37.745 098 71	4.62 4.62	3.82 3.82	-4.45 -4.45	3.11 2.66 2.61 2.93 2.49 4.09 3.28 2.61 2.93 2.49	B 147.9	3.451							
22143+6155	1	F CA	A 109785 B 109785	8.921 0.006 10.636 0.027	9.264 0.016 10.761 0.067	8.832 0.016 10.314 0.073						333.567 144 40 333.567 383 82	+61.920 470 48 +61.918 958 21	2.77 2.77	22.50 22.50	7.56 7.56	1.23 1.05 1.14 1.36 1.18 6.04 5.78 1.14 1.36 1.18	A 175.7	5.46							
22143-2104	1	L CA	A 109786 B 109786	5.733 0.003 7.161 0.012	7.451 0.010	7.038 0.013						333.575 073 83 333.576 486 77	-21.074 700 81 -21.075 254 90	11.59 11.59	22.98 33.44	55.36 58.57	1.05 0.83 0.98 1.15 0.74 6.23 5.61 0.98 3.44 2.67	A 112.80	5.148	-0.08	+0.008					
22145+0759	1	F CA	A 109810 B 109810	6.962 0.005 8.135 0.015	6.765 0.017	6.795 0.017						333.621 567 89 333.621 940 66	+7.976 176 15 +7.975 977 59	3.74 3.74	3.72 3.72	-10.91 -10.91	1.17 0.82 1.09 1.21 0.83 4.37 3.17 1.09 1.21 0.83	A 118.3	1.509							
22145-5335	1	F CA	A 109813 B 109813	8.545 0.005 10.184 0.023								333.634 844 88 333.635 105 09	-53.575 300 39 -53.575 326 08	5.65 5.65	42.97 42.97	-28.02 -28.02	1.35 0.99 1.58 1.27 0.96 5.61 5.60 1.58 1.27 0.96	A 99	0.56							
22146+2934	1	F CA	A 109815 B 109815	7.716 0.006 8.306 0.009	8.083 0.029	7.442 0.023						333.644 216 29 333.644 629 34	+29.572 441 60 +29.572 507 17	6.12 6.12	32.84 32.84	-33.16 -33.16	1.28 1.17 1.35 1.22 1.25 4.20 2.76 1.35 1.22 1.25	A 79.7	1.31							
22146-3212	1	F CA	A 109823 B 109823	10.428 0.011 10.979 0.018	11.056 0.070	10.214 0.053						333.659 512 88 333.659 167 68	-32.206 303 17 -32.206 702 36	10.74 10.74	-22.01 -22.01	-64.54 -64.54	3.79 2.95 4.44 4.07 2.85 8.22 6.09 4.44 4.07 2.85	A 216.2	1.78							
22147+4921	1	I CA	A 109829 B 109833	7.683 0.012 10.474 0.129	8.233 0.009 10.771 0.050	7.610 0.007 10.118 0.044						333.679 866 39 333.688 230 32	+49.354 280 43 +49.352 543 06	4.61 0.57	-12.12 -18.11	-2.59 -4.60	1.12 1.20 1.21 1.08 1.16 34.58 37.37 18.85 28.09 26.05	A 107.7	20.59	0.0	-0.01					
22148+2157	1	F CA	A 109846 B 109846	9.471 0.010 10.416 0.024	9.644 0.026 10.334 0.054	9.226 0.030 9.771 0.047						333.706 286 84 333.706 544 88	+21.949 746 30 +21.950 428 97	3.85 3.85	11.94 11.94	-17.84 -17.84	1.91 1.63 1.97 1.95 1.68 8.25 6.05 1.97 1.95 1.68	A 193	2.60							
22148-7500	1	F CA	A 109840 B 109840	8.690 0.005 10.732 0.034	8.872 0.013 10.278 0.062	8.603 0.013 9.757 0.065						333.698 378 41 333.698 504 46	-74.995 441 42 -74.996 081 68	4.13 4.13	4.13 4.13	7.17 7.17	1.11 1.08 1.27 1.10 1.02 7.97 8.71 1.27 1.10 1.02	A 177.1	2.31							
22149+6143	1	F CB	A 109853 P 109853	8.760 0.006 12.328 0.162								333.735 119 93 333.734 776 15	+61.709 546 65 +61.709 542 44	4.46 4.46	11.75 11.75	-1.83 -1.83	1.54 1.22 1.24 1.42 1.33 39.75 48.55 1.24 1.42 1.33	A 269	0.59							
22151+5129	1	F CA	A 109861 B 109861	8.152 0.006 11.081 0.080	8.144 0.008 10.893 0.108	8.102 0.009 10.258 0.102						333.763 795 32 333.763 941 27	+51.484 833 57 +51.483 504 86	4.94 4.94	8.57 8.57	3.68 3.68	0.97 0.95 1.19 1.00 0.90 19.34 17.42 1.19 1.00 0.90	A 176.1	4.79							



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22152-0535	1	F CA	A 109874 B 109874	7.968 9.911	0.007 0.041						333.801 462 20 333.801 269 63	-5.584 910 02 -5.584 877 83	2.44 2.44	19.18 19.18	-1.92 -1.92	2.52 1.51 2.03 4.35 1.66 11.53 16.40 2.03 4.35 1.66	A 280	0.70							
22155+5549	1	F CA	A 109894 B 109894	7.975 8.496	0.011 0.018						333.872 464 36 333.872 587 94	+5.818 567 53 +5.818 505 53	2.20 2.20	5.43 5.43	-1.65 -1.65	1.63 1.61 0.85 0.92 0.83 3.16 3.13 0.85 0.92 0.83	A 132	0.335							
22156-4121	1	F ND D	B 109908 A 109908	5.196 6.680	0.078 0.306						333.903 697 30 333.903 645 07	-41.346 748 29 -41.346 758 15	12.44 12.44	46.04 46.04	20.45 20.45	3.30 2.05 0.76 0.62 0.53 28.74 10.01 0.76 0.62 0.53	B 256	0.15							
22158+4354	1	F CA	A 109919 B 109919	7.956 8.823	0.004 0.007						333.952 490 99 333.952 242 77	+43.900 760 00 +43.900 647 93	2.98 2.98	2.78 2.78	-1.10 -1.10	0.95 0.98 1.27 1.07 1.08 2.56 2.89 1.27 1.07 1.08	A 237.9	0.760							
22161-0705	1	F CB	A 109951 B 109951	9.040 10.870	0.137 0.738						334.027 175 76 334.027 152 87	-7.089 890 96 -7.089 846 57	15.04 15.04	73.71 73.71	-347.35 -347.35	6.70 11.30 1.52 1.61 1.09 42.35 48.90 1.52 1.61 1.09	A 333	0.18							
22163+2616	1	F CA	A 109965 B 109965	8.538 10.161	0.007 0.032	9.586 0.020 10.113 0.047	8.453 0.013 9.731 0.046				334.082 191 12 334.081 971 64	+26.271 111 64 +26.270 505 13	3.72 3.72	-23.45 -23.45	-28.10 -28.10	1.30 1.14 1.41 1.29 1.28 6.80 6.57 1.41 1.29 1.28	A 198.0	2.30							
22163+7336	1	F CA	A 109962 B 109962	8.696 9.666	0.047 0.114						334.074 680 62 334.074 482 09	+73.604 513 31 +73.604 518 50	7.19 7.19	42.32 42.32	38.69 38.69	5.15 2.09 0.79 0.82 0.76 9.60 5.94 0.79 0.82 0.76	A 275	0.20							
22165+4759	1	I CA	A 109974 B 109971	8.862 9.935	0.008 0.018	8.895 0.010 10.018 0.028	8.808 0.013 9.795 0.034				334.114 100 97 334.109 942 96	+47.975 711 21 +47.977 921 79	4.08 5.56	-1.85 -0.62	3.98 6.08	2.01 1.97 2.06 2.10 2.03 7.91 7.80 3.86 4.09 3.84	A 308.46	12.796	+0.01	0.000					
22166+4644	1	F ND D	A 109986 B 109986	9.307 13.188	0.008 0.267	9.436 0.015 10.018 0.028	9.271 0.018 9.795 0.034				334.142 214 31 334.142 176 33	+46.728 364 36 +46.729 002 98	3.35 3.35	13.67 13.67	1.74 1.74	1.22 1.09 1.47 1.09 1.10 70.76 60.82 1.47 1.09 1.10	A 358	2.30							
22171+0822	1	F CA	A 110024 B 110024	7.790 11.238	0.004 0.090	8.135 0.011 10.018 0.028	7.718 0.012 9.795 0.034				334.277 252 93 334.277 644 85	+8.374 281 11 +8.374 355 80	6.89 6.89	22.35 22.35	-18.03 -18.03	1.24 0.80 1.19 1.41 0.88 32.18 19.26 1.19 1.41 0.88	A 79	1.42							
22171-5159	1	F CA	A 110029 B 110029	8.624 9.988	0.006 0.021	8.913 0.011 9.958 0.025	8.489 0.010 9.523 0.024				334.286 082 02 334.287 183 62	-51.977 224 39 -51.977 254 99	5.20 5.20	18.04 18.04	10.95 10.95	1.36 1.31 1.88 1.39 1.24 8.70 6.93 1.88 1.39 1.24	A 92.6	2.45							
22173+5049	1	F CA	A 110042 B 110042	8.675 10.597	0.005 0.029	8.675 0.005 10.597 0.029					334.334 339 65 334.334 190 13	+50.809 262 81 +50.809 135 70	3.71 3.71	9.85 9.85	-2.82 -2.82	1.15 1.16 1.25 1.07 1.07 7.62 6.98 1.25 1.07 1.07	A 217	0.57							
22180-6249	1	L CA	A 110088 B 110088	7.491 8.297	0.003 0.006						334.508 723 53 334.508 600 56	-62.811 325 29 -62.811 464 38	7.58 7.58	-2.00 3.66	-3.49 -11.68	0.79 0.99 1.13 0.71 0.75 2.28 2.56 1.13 1.36 1.41	A 202.0	0.540	-0.9	+0.005					
22183-0022	1	F ND X	A 110113 B 110113	11.701 13.946	0.092 0.722						334.581 247 26 334.581 225 96	-0.371 250 18 -0.371 361 02	2.52 2.52	-53.73 -53.73	-18.28 -18.28	6.53 7.01 5.53 8.53 4.76 142.55 145.50 5.53 8.53 4.76	A 191	0.41							
22183-3434	1	F CA	A 110110 B 110110	9.055 11.056	0.005 0.029						334.573 942 49 334.574 102 25	-34.566 727 02 -34.566 777 66	3.87 3.87	12.66 12.66	12.64 12.64	2.09 1.95 2.05 2.07 1.40 13.48 18.41 2.05 2.07 1.40	A 111	0.51							
22183-3530	1	F CB	A 110114 B 110114	9.482 12.815	0.006 0.129	10.123 0.029 11.013 0.043	9.401 0.025 10.315 0.038				334.582 586 62 334.582 804 92	-35.497 620 16 -35.498 583 60	11.61 11.61	31.35 31.35	-27.86 -27.86	1.89 1.47 2.20 1.88 1.32 55.05 42.31 2.20 1.88 1.32	A 170	3.53							
22185+6313	1	I CA	A 110125 B 110119	7.877 8.691	0.030 0.053	8.056 0.011 8.899 0.019	7.771 0.010 8.603 0.020				334.615 858 03 334.604 366 62	+63.222 908 12 +63.220 045 73	2.81 8.32	-1.99 -2.40	-3.74 -10.58	1.88 1.77 1.63 2.19 2.08 14.13 13.14 4.49 5.98 5.61	A 241.07	21.30	-0.02	0.00					
22187-4954	1	F CA	B 110145 C 110145	11.271 11.612	0.032 0.043	11.669 0.096 11.669 0.096	10.773 0.070 10.773 0.070				334.663 160 84 334.664 176 84	-49.899 096 41 -49.898 647 54	-1.13 -1.13	-22.76 -22.76	-27.12 -27.12	7.72 6.81 10.35 7.90 5.53 23.41 23.88 10.35 7.90 5.53	B 56	2.86							
22189+3745	1	I CA	A 110171 B 110170	6.247 9.148	0.005 0.067	6.506 0.004 9.508 0.021	6.200 0.004 8.847 0.018				334.734 027 74 334.732 721 75	+37.769 180 03 +37.764 896 73	15.19 8.50	55.40 41.30	43.73 30.10	1.07 0.95 1.02 1.42 1.08 20.27 20.87 10.76 14.55 17.19	A 193.6	15.86	0.0	+0.02					
22191+7601	1	F CA	A 110183 B 110183	7.717 9.591	0.004 0.021						334.773 383 72 334.773 295 17	+76.013 164 88 +76.013 051 05	2.83 2.83	24.94 24.94	10.05 10.05	1.04 0.98 0.78 0.81 0.74 7.10 5.03 0.78 0.81 0.74	A 191	0.417							
22193+5857	1	F CA	A 110200 B 110200	9.071 12.070	0.011 0.169						334.837 247 39 334.837 427 99	+58.953 155 46 +58.953 048 30	2.60 2.60	-2.95 -2.95	-3.19 -3.19	2.01 1.99 1.50 1.57 1.29 29.26 27.18 1.50 1.57 1.29	A 139	0.51							
22193-1047	1	F CB	A 110193 B 110193	8.953 11.731	0.013 0.162	10.262 0.044 12.205 0.349	8.822 0.022 11.315 0.238				334.823 742 17 334.826 482 61	-10.790 292 53 -10.788 489 34	8.40 8.40	5.03 5.03	16.44 16.44	2.82 2.12 3.09 2.76 1.94 54.96 38.91 3.09 2.76 1.94	A 56.2	11.66							
22195-6048	1	I NB	A 110212 B 110211	8.439 8.832	0.007 0.009	9.327 0.013 9.268 0.015	8.356 0.009 8.707 0.014				334.876 081 14 334.869 948 57	-60.792 648 64 -60.799 377 07	3.98 7.04	15.34 17.52	1.09 -2.07	2.42 3.20 2.30 1.61 1.85 1.80 2.32 2.72 1.93 2.19	A 203.97	26.510	-0.01	+0.002					
22197-8238	1	F CA	A 110231 B 110231	9.232 11.922	0.005 0.059						334.936 862 00 334.938 737 04	-82.631 858 75 -82.631 909 65	6.81 6.81	-10.02 -10.02	-18.76 -18.76	1.12 0.96 1.10 1.30 1.04 13.55 11.53 1.10 1.30 1.04	A 102	0.88							
22198-5535	1	F CA	A 110234 B 110234	8.303 10.951	0.005 0.056						334.946 230 00 334.945 953 98	-55.585 539 98 -55.585 742 35	5.85 5.85	-28.26 -28.26	11.77 11.77	1.04 0.98 1.39 1.30 0.95 12.03 14.21 1.39 1.30 0.95	A 218	0.92							
22198-7607	1	F ND D	A 110237 B 110237	8.534 12.533	0.008 0.326						334.950 496 82 334.950 881 05	-76.122 102 99 -76.122 031 38	5.30 5.30	38.10 38.10	-19.28 -19.28	1.07 1.07 1.13 1.04 0.94 69.20 65.80 1.13 1.04 0.94	A 52	0.42							
22199-3642	1	F CA	A 110252 B 110252	10.476 10.741	0.014 0.017	10.924 0.054 11.048 0.064	10.457 0.057 10.444 0.058				334.985 702 33 334.983 757 72	-36.694 968 31 -36.693 990 69	3.49 3.49	32.56 32.56	1.94 1.94	4.91 3.21 4.42 5.00 3.10 8.39 7.78 4.42 5.00 3.10	A 302.1	6.63							

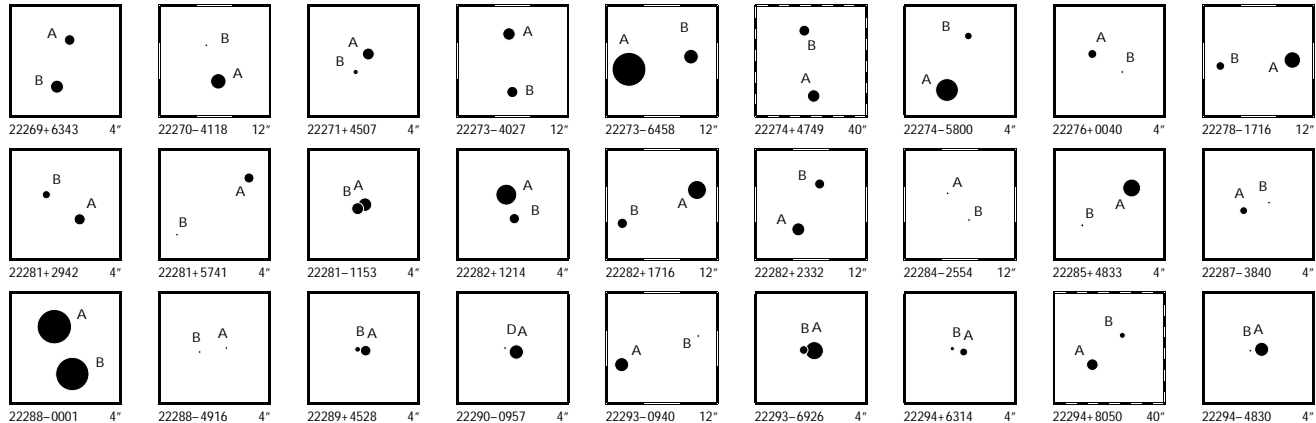


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22202+2931	1	LCA	A 110276 B 110276	8.723 0.007 9.314 0.011				335.052 996 73 335.052 730 55	+29.518 765 91 +29.518 817 40	9.13 9.13	84.38 19.45 76.97 13.08	1.59 1.70 1.69 1.41 1.53 3.09 4.13 1.69 2.56 4.50	A 282.5 0.854 -0.5 +0.006													
22205+3507	1	INB	A 110305 B 110321	7.562 0.009 9.814 0.049	7.840 0.007 10.220 0.032	7.516 0.008 9.725 0.032		335.130 034 32 335.121 320 03	+35.114 819 91 +35.117 556 98	8.37 9.32	-29.07 -35.32 5.06 -14.15	1.48 1.59 1.59 1.50 1.49 12.20 13.64 9.82 8.19 9.25	A 291.01 27.49 +0.07 -0.02													
22206+5349	1	FCA	A 110310 B 110310	8.960 0.007 9.322 0.010				335.147 032 93 335.146 797 02	+53.814 740 14 +53.815 023 54	0.67 0.67	-5.27 -3.68 -5.27 -3.68	1.57 1.48 1.69 1.47 1.44 2.96 3.31 1.69 1.47 1.44	A 333.8 1.137													
22207+6006	1	FCA	A 110320 B 110320	8.735 0.019 10.577 0.103				335.169 957 37 335.169 926 27	+60.093 792 78 +60.093 717 33	4.52 4.52	0.46 -3.98 0.46 -3.98	2.13 3.21 0.99 1.01 0.95 11.90 12.11 0.99 1.01 0.95	A 192 0.28													
22208+2457	1	LCA	A 110326 B 110326	8.504 0.010 10.229 0.047	9.703 0.033 10.821 0.061	8.447 0.021 9.956 0.046		335.186 443 29 335.189 222 40	+24.956 865 03 +24.959 290 04	1.41 1.41	-5.30 -1.75 50.15 48.27	1.69 1.45 1.70 1.46 1.48 13.62 11.58 1.70 9.93 12.04	A 46.10 12.59 +0.01 +0.07													
22208-8027	1	FCA	B 110329 A 110329	9.247 0.008 9.367 0.009	9.771 0.022 9.934 0.029	9.188 0.020 9.292 0.027		335.204 478 01 335.190 595 51	-80.453 980 95 -80.452 803 40	11.97 11.97	-9.07 -23.75 -9.07 -23.75	1.95 1.93 2.10 2.25 1.97 4.00 4.40 2.10 2.25 1.97	B 297.08 9.310													
22210+3119	1	LCA	A 110353 B 110353	7.907 0.013 9.477 0.057				335.257 520 38 335.257 452 39	+31.309 868 41 +31.309 795 99	2.61 2.61	-1.75 -25.90 1.49 -14.15	1.83 2.24 1.09 0.84 1.05 7.23 7.75 1.09 3.35 3.58	A 219 0.334 +1 -0.011													
22210+6658	1	FCA	A 110344 B 110344	7.418 0.003 10.359 0.050	7.620 0.006 10.630 0.120	7.360 0.008 9.771 0.079		335.240 064 57 335.239 622 42	+66.965 088 01 +66.966 261 33	9.31 9.31	43.50 28.60 43.50 28.60	0.71 0.73 0.75 0.76 0.73 11.50 11.62 0.75 0.76 0.73	A 351.6 4.27													
22211-3126	1	FCA	A 110360 B 110360	11.838 0.113 11.887 0.118				335.282 309 37 335.282 288 92	-31.440 660 15 -31.440 602 08	5.90 5.90	-17.87 -19.16 -17.87 -19.16	8.32 13.25 2.93 2.85 2.35 16.59 14.37 2.93 2.85 2.35	A 343 0.22													
22213+2820	1	FCB	A 110371 F 110371	4.825 0.002 8.857 0.079				335.330 531 66 335.330 409 88	+28.330 515 92 +28.330 563 85	5.37 5.37	17.42 5.60 17.42 5.60	0.65 0.73 0.71 0.59 0.65 18.06 34.21 0.71 0.59 0.65	A 294 0.42													
22214+4148	1	FCA	A 110373 B 110373	8.774 0.013 9.537 0.026				335.338 048 13 335.337 975 31	+41.796 717 98 +41.796 664 09	3.25 3.25	-2.23 -5.81 -2.23 -5.81	1.70 1.95 1.11 0.75 0.86 3.73 4.44 1.11 0.75 0.86	A 225 0.275													
22217-1710	1	FCC	A 110401 B 110401	10.864 0.020 13.679 0.261				335.429 655 43 335.429 579 03	-17.160 794 05 -17.161 080 40	19.54 19.54	374.49 -238.15 374.49 -238.15	3.64 2.35 3.54 3.83 2.08 78.49 64.80 3.54 3.83 2.08	A 194 1.06													
22218+6642	1	FCA	A 110405 B 110405	7.221 0.004 7.850 0.008	8.233 0.012 7.946 0.010	7.110 0.009 7.798 0.014		335.438 227 81 335.441 135 59	+66.706 248 07 +66.706 119 08	4.39 4.39	28.78 7.86 28.78 7.86	0.94 0.92 0.95 0.98 0.96 2.53 3.06 0.95 0.98 0.96	A 96.40 4.166													
22220-2050	1	FCB	A 110418 B 110418	8.423 0.011 11.308 0.141	9.651 0.022 11.466 0.132	8.333 0.013 10.873 0.137		335.489 600 29 335.487 715 63	-20.828 377 74 -20.832 322 53	2.64 2.64	26.63 -2.56 26.63 -2.56	1.53 1.12 1.63 2.08 1.15 41.36 28.29 1.63 2.08 1.15	A 204.1 15.55													
22220-3431	1	FCA	A 110419 S 110419	8.258 0.043 8.311 0.045				335.489 959 63 335.490 027 60	-34.520 250 92 -34.520 280 44	10.84 10.84	9.87 25.83 9.87 25.83	5.82 5.30 1.33 1.21 0.85 5.40 4.72 1.33 1.21 0.85	A 118 0.228													
22220-6705	1	FCA	A 110425 B 110425	8.391 0.005 9.008 0.008				335.505 122 98 335.505 304 45	-67.084 555 43 -67.084 362 43	5.61 5.61	27.39 -22.56 27.39 -22.56	1.38 1.72 1.86 1.50 1.64 3.44 3.36 1.86 1.50 1.64	A 20.1 0.740													
22222+5959	1	FCA	A 110438 B 110438	9.980 0.009 10.196 0.011				335.546 030 61 335.545 806 40	+59.984 674 37 +59.984 967 26	4.40 4.40	17.22 14.53 17.22 14.53	1.90 1.75 1.82 2.03 2.03 3.62 3.65 1.82 2.03 2.03	A 339.0 1.129													
22223+1105	1	ICA	A 110447 B 110444	9.132 0.010 10.325 0.028	9.573 0.023 11.078 0.096	9.090 0.022 10.238 0.069		335.574 188 53 335.570 696 19	+11.080 234 14 +11.080 992 01	9.14 5.11	17.22 -28.40 17.14 -25.19	2.98 2.44 2.90 3.37 2.72 13.92 11.21 6.79 7.97 7.02	A 282.47 12.64 +0.01 0.00													
22224+4526	1	FCC	A 110458 B 110458	8.285 0.031 11.179 0.452				335.611 346 15 335.611 441 78	+45.434 210 50 +45.434 194 42	8.23 8.23	22.02 -21.70 22.02 -21.70	5.40 4.30 1.15 0.94 0.91 42.46 46.04 1.15 0.94 0.91	A 103 0.25													
22226+4738	1	FCA	A 110473 B 110473	10.235 0.007 12.026 0.037				335.660 263 37 335.660 066 67	+47.632 335 11 +47.632 565 89	2.33 2.33	0.12 -4.51 0.12 -4.51	1.55 1.47 1.92 1.57 1.41 12.34 10.61 1.92 1.57 1.41	A 330 0.96													
22226-5609	1	FCA	A 110470 B 110470	7.943 0.005 8.937 0.011				335.651 749 91 335.651 500 34	-56.152 418 35 -56.152 392 13	3.53 3.53	14.09 -11.23 14.09 -11.23	1.27 0.97 1.37 1.29 0.79 3.67 3.63 1.37 1.29 0.79	A 280.7 0.509													
22228+8504	1	FCA	A 110485 B 110485	7.807 0.162 8.412 0.283				335.699 874 81 335.700 228 41	+85.061 688 63 +85.061 681 94	3.91 3.91	33.61 12.94 33.61 12.94	10.05 5.96 0.55 0.58 0.48 11.63 10.55 0.55 0.58 0.48	A 102 0.112													
22228-2937	1	FCB	A 110483 B 110483	8.464 0.068 10.691 0.531				335.695 789 64 335.695 776 57	-29.619 204 16 -29.619 163 09	26.07 26.07	440.61 -116.32 440.61 -116.32	2.99 5.12 1.25 1.13 0.80 23.89 31.91 1.25 1.13 0.80	A 345 0.15													
22229-7128	1	FCB	A 110490 B 110490	9.292 0.008 12.309 0.121	9.671 0.016 9.214 0.016			335.716 258 08 335.718 991 95	-71.474 392 14 -71.474 679 85	1.77 1.77	19.78 -14.85 19.78 -14.85	1.21 1.37 1.56 1.21 1.21 28.09 30.26 1.56 1.21 1.21	A 108 3.29													
22233+0539	1	FCB	A 110513 B 110513	7.703 0.005 11.240 0.116	7.850 0.010 7.647 0.011			335.812 930 50 335.814 043 88	+5.646 731 70 +5.647 270 40	5.88 5.88	9.23 -47.27 9.23 -47.27	1.16 0.96 1.20 1.57 1.10 32.90 32.35 1.20 1.57 1.10	A 64.1 4.44													
22234-4324	1	FCA	A 110519 B 110519	9.074 0.089 10.018 0.212				335.851 834 54 335.851 865 60	-43.406 458 37 -43.406 504 15	9.44 9.44	32.22 -32.58 32.22 -32.58	4.18 7.32 1.25 1.25 0.74 10.41 15.53 1.25 1.25 0.74	A 154 0.18													
22235+3228	1	FCB	A 110526 S 110526	11.471 0.022 11.569 0.024				335.870 515 91 335.870 325 67	+32.459 936 21 +32.459 470 98	62.18 62.18	251.26 -207.57 251.26 -207.57	8.44 11.42 10.01 9.72 18.48 14.44 15.85 10.01 9.72 18.48	A 199.0 1.77													

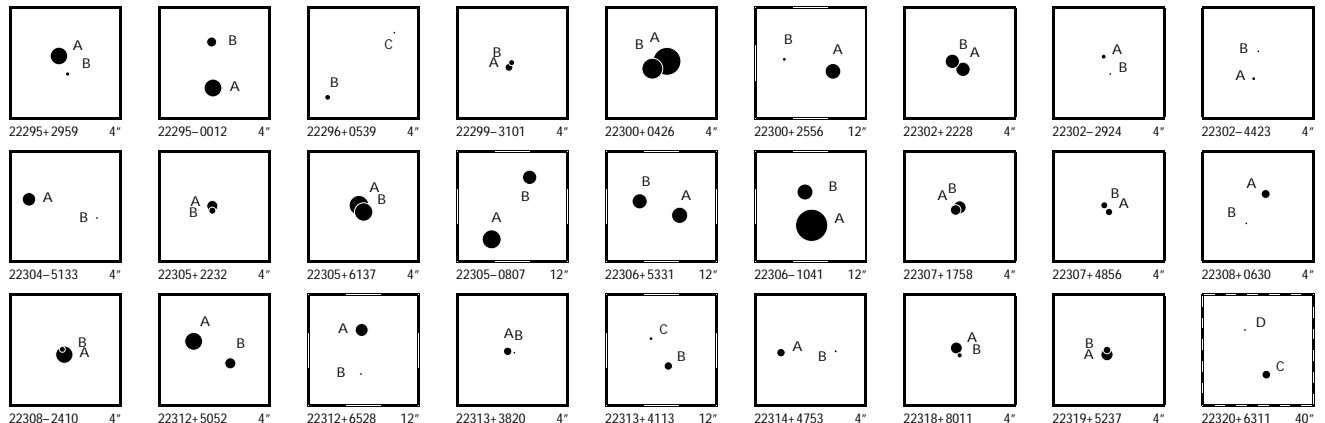


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
22236+2051	1	F CA	A 110548	6.391	0.003						335.913 981 36	+20.848 265 37	29.50	335.18	-14.71	1.03	0.77	0.83	0.90	0.73	A	0	0.42			
			B 110548	9.287	0.042						335.913 982 15	+20.848 381 19	29.50	335.18	-14.71	16.87	10.30	0.83	0.90	0.73						
	2	F CA	C 110541	8.737	0.014						335.893 921 69	+20.863 467 34	6.55	16.17	-11.53	2.68	1.49	1.55	1.71	1.34	C	73	0.38			
			D 110541	10.902	0.103						335.894 030 13	+20.863 497 78	6.55	16.17	-11.53	17.67	11.86	1.55	1.71	1.34						
22236+4521	1	F CA	A 110539	7.700	0.005	8.857	0.012	7.589	0.008		335.891 731 99	+45.349 981 25	4.50	36.49	6.24	0.95	1.02	1.26	0.93	0.95	A	89.01	6.468			
			B 110539	8.366	0.008	8.897	0.012	8.256	0.011		335.894 287 99	+45.350 012 22	4.50	36.49	6.24	2.51	2.89	1.26	0.93	0.95						
22236+6453	1	F CC	A 110540	9.988	0.011	10.298	0.030	9.973	0.034		335.892 865 26	+64.880 640 92	3.61	-2.82	-2.96	1.61	1.56	1.64	1.82	1.67	A	215.1	7.97			
			B 110540	13.138	0.201						335.889 862 02	+64.878 829 42	3.61	-2.82	-2.96	43.75	38.40	1.64	1.82	1.67						
22237-7248	1	I CA	A 110551	8.043	0.024	7.999	0.007	7.952	0.009		335.931 182 08	-72.803 775 58	4.00	19.79	-20.21	2.32	2.72	2.54	2.52	2.54	A	266.86	18.95	+0.01	0.00	
			B 110547	8.516	0.032	8.507	0.010	8.401	0.012		335.913 405 37	-72.804 062 86	5.34	19.46	-17.41	8.85	9.24	4.19	7.46	6.67						
22239-6656	1	F CA	A 110564	9.247	0.006						335.973 920 65	-66.927 423 37	13.05	-53.28	-66.17	1.40	1.42	1.84	1.34	1.12	A	231	0.82			
			B 110564	11.363	0.041						335.973 468 60	-66.927 564 59	13.05	-53.28	-66.17	12.06	12.77	1.84	1.34	1.12						
22241-0451	1	F CA	A 110578	6.453	0.103						336.028 603 66	-4.836 990 78	7.69	26.35	-7.77	18.34	45.07	0.89	1.14	0.66	A	123	0.15			
			S 110578	6.627	0.120						336.028 637 86	-4.837 013 03	7.69	26.35	-7.77	27.01	55.31	0.89	1.14	0.66						
22242+3815	1	LND	D	A 110583	9.242	0.011	9.446	0.018	9.224	0.021		336.051 451 51	+38.246 367 50	8.06	8.93	-7.34	1.53	1.56	1.82	1.71	1.56	A	71.6	13.81	-0.2	-0.03
				C 110583	11.645	0.092	11.655	0.127	11.104	0.119		336.056 085 66	+38.247 576 10	8.06	-34.88	30.49	24.67	26.17	1.82	18.38	16.39					
22243+4850	1	F FC	A 110595	12.015	0.185						336.076 491 31	+48.837 278 14	2.57	-1.53	-4.33	31.47	27.19	6.17	4.51	4.21	A	113	0.33			
			B 110595	12.327	0.247						336.076 618 82	+48.837 243 09	2.57	-1.53	-4.33	39.50	46.07	6.17	4.51	4.21						
22245+0349	1	F CA	A 110605	9.250	0.006	9.633	0.023	9.132	0.021		336.114 446 67	+3.818 431 54	1.55	-8.92	-71.61	2.11	1.55	2.16	2.27	1.43	A	148.1	3.217			
			B 110605	10.067	0.012	10.552	0.055	9.998	0.058		336.114 919 96	+3.817 672 99	1.55	-8.92	-71.61	5.03	4.58	2.16	2.27	1.43						
22247-4126	1	L FD	D	A 110629	6.744	0.014	7.153	0.006	6.665	0.006		336.162 959 92	-41.440 255 44	13.97	144.58	-35.21	3.75	2.04	3.00	3.08	1.86	A	93.3	15.16	+0.1	-0.05
			B 110632	8.892	0.077						336.168 568 89	-41.440 498 16	13.97	97.08	-51.51	36.51	27.16	3.00	35.43	22.50						
22248+2233	1	L CA	A 110640	9.036	0.005	10.473	0.034	9.008	0.018		336.190 193 95	+22.551 294 24	46.74	-173.46	-67.63	1.68	1.46	1.66	1.35	1.28	A	228	1.61	0	+0.06	
			B 110640	11.388	0.043						336.189 835 29	+22.550 992 67	46.74	-212.41	-108.14	15.60	21.53	1.66	12.71	26.32						
22248+2841	1	F CA	A 110643	8.694	0.019						336.203 494 23	+28.685 655 20	3.96	-3.17	-30.16	2.10	3.17	1.37	1.16	1.33	A	330	0.34			
			B 110643	10.400	0.089						336.203 440 86	+28.685 737 20	3.96	-3.17	-30.16	7.29	9.31	1.37	1.16	1.33						
22250-3806	1	F CA	A 110656	10.960	0.073						336.261 121 94	-38.095 392 96	7.73	19.22	-0.50	7.35	5.30	4.25	4.45	3.53	A	234	0.34			
			B 110656	12.066	0.203						336.261 025 31	-38.095 447 74	7.73	19.22	-0.50	29.64	20.09	4.25	4.45	3.53						
22250-4202	1	I CA	A 110654	9.378	0.008	9.631	0.026	9.291	0.028		336.258 317 15	-42.028 560 73	3.66	13.34	-16.93	2.55	2.05	2.58	2.57	1.96	A	244.34	12.62	+0.01	+0.01	
			B 110653	10.950	0.031	11.308	0.077	10.949	0.092		336.254 063 58	-42.030 078 31	-0.16	2.60	-19.88	13.17	10.41	10.34	10.36	7.70						
22254-3913	1	F CA	A 110680	9.031	0.011						336.347 080 40	-39.222 811 95	4.14	14.20	-7.09	2.35	2.06	1.84	1.83	1.29	A	136	0.38			
			B 110680	10.850	0.059						336.347 174 93	-39.222 887 47	4.14	14.20	-7.09	12.81	11.45	1.84	1.83	1.29						
22255-1536	1	F CB	A 110689	8.476	0.035						336.380 057 14	-15.598 875 78	10.94	-14.36	20.18	8.17	3.61	3.19	3.31	1.90	A	61	0.29			
			B 110689	10.994	0.358						336.380 130 03	-15.598 836 35	10.94	-14.36	20.18	51.23	27.28	3.19	3.31	1.90						
22258-2014	1	F CA	A 110707	7.239	0.006	8.136	0.016	7.112	0.011		336.450 185 47	-20.236 994 94	2.58	1.23	-4.29	1.55	1.24	1.67	1.94	1.21	A	151.98	6.880			
			B 110707	8.227	0.012	8.381	0.016	8.142	0.018		336.451 142 43	-20.238 682 05	2.58	1.23	-4.29	4.93	2.99	1.67	1.94	1.21						
22259-4507	1	L CA	A 110720	7.879	0.005	8.844	0.023	7.780	0.016		336.485 781 54	-45.113 242 15	7.83	86.29	-19.88	1.79	1.12	1.58	2.05	1.05	A	277.3	2.098	+0.2	+0.009	
			B 110720	8.948	0.012	9.399	0.028	8.728	0.024		336.484 962 44	-45.113 167 85	7.83	78.70	-10.66	5.62	3.99	1.58	5.05	2.68						
22259-7501	1	I CA	A 110712	6.245	0.010	6.845	0.004	6.181	0.004		336.462 607 06	-75.015 719 25	43.39	58.55	12.48	1.00	0.95	0.96	0.97	0.83	A	79.7	20.60	-0.2	-0.03	
			B 110719	9.541	0.173	10.134	0.027	8.845	0.015		336.484 379 45	-75.014 699 38	60.24	15.18	61.32	59.31	44.30	20.25	38.25	26.40						
22263+4308	1	F CA	A 110756	10.245	0.012						336.573 294 39	+43.134 581 30	5.43	5.14	3.23	1.96	2.71	2.74	1.61	2.19	A	11	0.45			
			B 110756	11.463	0.036						336.573 328 62	+43.134 704 68	5.43	5.14	3.23	8.76	10.33	2.74	1.61	2.19						
22265+4332	1	F CA	A 110768	10.151	0.010	10.257	0.024	10.031	0.030		336.617 347 82	+43.527 472 60	0.59	-0.15	-7.69	1.69	1.87	2.60	1.70	1.94	A	292.3	2.62			
			B 110768	11.708	0.040						336.616 419 86	+43.527 748 62	0.59	-0.15	-7.69	11.44	10.61	2.60	1.70	1.94						
	2	F CA	C 110766	9.774	0.087						336.605 497 73	+43.536 206 52	3.94	0.05	-1.83	5.87	6.31	1.42	0.86	1.07	C	194	0.19			
			D 110766	11.231	0.331						336.605 479 88	+43.536 156 13	3.94	0.05	-1.83											

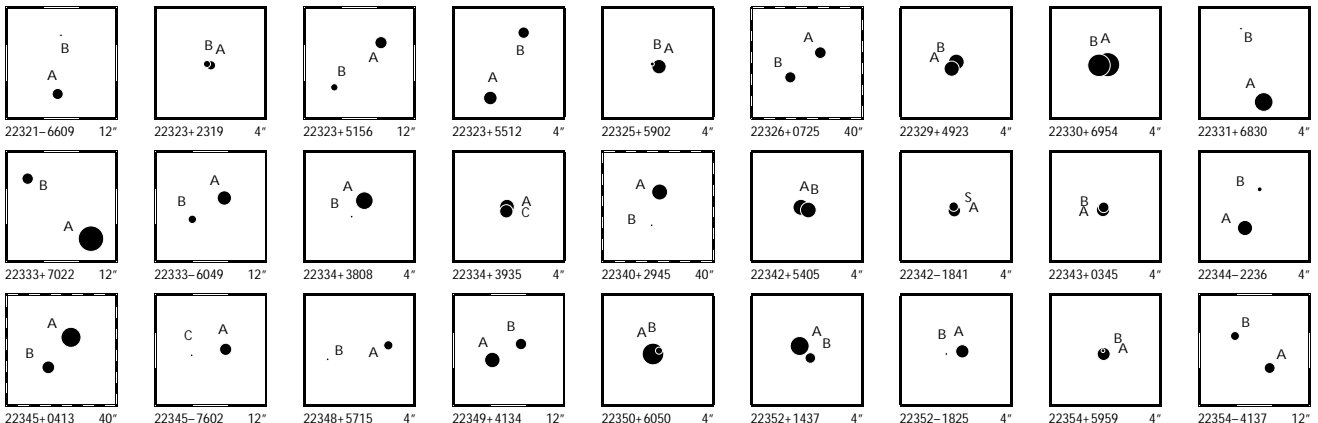
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22269+6343	1	FCA	B 110799 A 110799	9.142 0.009 9.643 0.014	9.605 0.036 9.915 0.044	8.922 0.033 9.309 0.042		336.718 188 36 336.717 899 68	+63.718 039 17 +63.718 516 77	-1.85 -1.85	0.91 0.91	-2.55 -2.55	1.80 2.46 1.97 2.04 2.48 3.56 4.18 1.97 2.04 2.48	B	345.0	1.780										
22270-4118	1	FCB	A 110808 B 110808	8.605 0.008 12.060 0.177	9.082 0.013	8.523 0.012		336.746 254 82 336.746 738 78	-41.298 190 61 -41.297 090 41	8.39 8.39	55.17 55.17	-10.07 -10.07	1.69 1.09 1.80 1.82 1.15 48.39 33.63 1.80 1.82 1.15	A	18	4.17										
22271+4507	1	LCA	A 110815 B 110815	9.386 0.006 10.836 0.021				336.771 395 46 336.771 572 92	+45.118 731 74 +45.118 539 66	-0.98 -0.98	-0.73 -13.39	-3.43 -6.04	1.43 1.47 1.88 1.25 1.27 7.17 7.18 1.88 4.33 4.87	A	146.9	0.825 +0.8	-0.005									
22273-4027	1	FCB	A 110832 B 110832	9.216 0.012 9.551 0.016	9.666 0.018 10.099 0.025	9.035 0.016 9.436 0.021		336.817 622 10 336.817 483 12	-40.448 803 63 -40.450 585 27	10.15 10.15	18.89 18.89	-17.16 -17.16	2.25 1.66 2.37 2.29 1.59 6.86 4.33 2.37 2.29 1.59	A	183.4	6.425										
22273-6458	1	LCB	A 110838 B 110838	4.504 0.003 8.731 0.143	4.478 0.002	4.494 0.002		336.832 804 53 336.828 311 29	-64.966 379 27 -64.966 005 26	12.21 12.21	68.68 130.78	10.21 2.88	0.53 0.52 0.63 0.54 0.47 29.22 33.06 0.63 16.33 16.95	A	281.1	6.98 0.0	-0.06									
22274+4749	1	ICB	A 110846 B 110847	9.256 0.009 9.599 0.010	9.266 0.018 9.666 0.023	9.171 0.022 9.475 0.028		336.858 831 47 336.860 281 20	+47.817 255 09 +47.823 991 51	0.83 6.48	-6.05 -0.91	-3.17 -10.66	2.09 2.05 2.24 1.97 1.78 4.16 4.03 3.42 3.03 2.80	A	8.22	24.503 +0.01	-0.007									
22274-5800	1	FCA	P A 110842 B 110842	6.971 0.003 10.292 0.067	7.106 0.004	6.923 0.005		336.838 378 21 336.837 973 73	-58.000 640 67 -58.000 088 61	7.81 7.81	-15.60 -15.60	6.76 6.76	0.64 0.59 0.87 0.66 0.52 14.99 13.24 0.87 0.66 0.52	A	338.8	2.13										
22276+0040	1	FND	D A 110856 B 110856	10.016 0.011 13.282 0.215	11.083 0.058	9.900 0.034		336.897 235 95 336.896 927 12	+0.672 850 23 +0.672 655 39	3.60 3.60	-9.01 -9.01	-1.88 -1.88	1.94 1.58 2.19 2.43 1.59 70.49 51.50 2.19 2.43 1.59	A	238	1.31										
22278-1716	1	LCA	A 110875 B 110875	8.320 0.008 10.056 0.040	8.561 0.016 10.232 0.056	8.223 0.017 9.741 0.056		336.956 785 22 336.959 096 47	-17.270 523 78 -17.270 705 34	4.67 4.67	2.54 -48.07	7.27 0.43	2.50 1.80 2.20 2.29 1.55 17.57 9.43 2.20 12.77 6.82	A	94.7	7.97 +0.1	-0.05									
22281+2942	1	FCA	A 110897 B 110897	9.566 0.008 10.208 0.014	9.629 0.022	9.320 0.023		337.023 718 68 337.024 109 89	+29.702 080 48 +29.702 337 94	4.06 4.06	6.21 6.21	-2.36 -2.36	1.64 1.55 1.93 1.92 1.87 4.51 4.00 1.93 1.92 1.87	A	52.9	1.53										
22281+5741	1	LCA	A 110893 B 110893	9.795 0.012 11.406 0.050	11.669 0.113	9.971 0.039		337.001 740 03 337.003 127 29	+57.697 020 05 +57.696 435 06	249.52 249.52	-870.23 -713.42	-471.10 -320.67	3.09 2.86 3.03 3.00 2.97 20.12 23.40 3.03 15.18 15.62	A	128.3	3.40 -3.6	+0.03									
22281-1153	1	FCA	A 110902 B 110902	8.985 0.018 9.366 0.026				337.034 850 34 337.034 927 14	-11.890 297 25 -11.890 337 33	5.85 5.85	19.30 19.30	12.76 12.76	3.59 3.84 1.49 1.55 0.88 6.36 7.63 1.49 1.55 0.88	A	118	0.307										
22282+1214	1	FCA	A 110900 B 110900	7.379 0.007 9.743 0.061				337.030 182 64 337.030 095 54	+12.248 738 74 +12.248 496 19	15.87 15.87	196.15 196.15	-8.80 -8.80	1.18 1.01 1.28 1.39 1.23 14.66 8.99 1.28 1.39 1.23	A	199	0.93										
22282+1716	1	FCA	A 110909 B 110909	7.775 0.005 9.691 0.026	8.838 0.013 10.057 0.036	7.693 0.009 9.569 0.035		337.048 047 65 337.050 465 63	+17.263 341 87 +17.262 327 70	2.27 2.27	23.86 23.86	-17.28 -17.28	1.27 1.11 1.46 1.37 1.16 6.79 8.87 1.46 1.37 1.16	A	113.7	9.08										
22282+2332	1	FCA	A 110911 B 110911	9.138 0.008 9.778 0.014	9.921 0.032	9.002 0.024		337.055 110 12 337.054 379 01	+23.532 670 41 +23.534 045 63	21.59 21.59	38.52 38.52	-40.03 -40.03	1.97 1.76 2.01 2.29 2.57 5.68 4.60 2.01 2.29 2.57	A	334.0	5.508										
22284-2554	1	FND	D A 110922 B 110922	12.462 0.092 13.492 0.235				337.097 534 55 337.096 796 10	-25.901 310 26 -25.902 172 05	40.81 40.81	16.67 16.67	-340.28 -340.28	8.39 6.43 7.66 7.71 5.50 74.80 66.52 7.66 7.71 5.50	A	218	3.92										
22285+4833	1	FCA	A 110929 B 110929	8.031 0.005 11.361 0.106	9.809 0.019	8.034 0.008		337.122 199 74 337.122 965 21	+48.542 894 19 +48.542 513 54	2.09 2.09	-1.82 -1.82	-4.17 -4.17	0.78 0.82 1.02 0.77 0.76 18.11 20.82 1.02 0.77 0.76	A	127	2.28										
22287-3840	1	FCA	A 110947 B 110947	10.247 0.021 12.677 0.199				337.186 865 19 337.186 545 77	-38.658 399 36 -38.658 320 87	12.68 12.68	17.12 17.12	13.39 13.39	4.43 3.15 5.22 5.00 2.97 59.01 45.47 5.22 5.00 2.97	A	287	0.94										
22288-0001	1	LCA	A 110960 B 110960	4.404 0.006 4.600 0.007	4.643 0.058	4.151 0.056		337.207 502 31 337.207 307 59	-0.020 063 04 -0.020 546 61	31.53 31.53	191.32 239.76	37.47 10.29	1.76 1.89 1.50 1.81 1.68 4.39 3.46 1.50 3.53 2.48	A	201.9	1.877 -1.7	+0.007									
22288-4916	1	FCA	A 110952 B 110952	11.398 0.022 11.591 0.026				337.193 955 39 337.194 368 20	-49.265 171 43 -49.265 219 25	14.61 14.61	189.60 189.60	-92.09 -92.09	4.35 3.78 4.94 5.12 4.01 9.57 9.43 4.94 5.12 4.01	A	100	0.98										
22289+4528	1	FCA	A 110962 B 110962	9.680 0.033 10.722 0.087				337.221 963 53 337.222 079 52	+45.460 159 12 +45.460 179 95	1.04 1.04	-2.95 -2.95	-10.21 -10.21	5.04 3.73 1.58 1.28 1.14 11.10 10.89 1.58 1.28 1.14	A	76	0.30										
22290-0957	1	FCA	A 110974 D 110974	8.811 0.014 11.443 0.159				337.261 051 52 337.261 166 00	-9.935 766 69 -9.935 727 83	8.63 8.63	17.79 17.79	1.07 1.07	2.75 1.43 1.64 1.75 1.16 29.25 14.93 1.64 1.75 1.16	A	71	0.43										
22293-0940	1	FCA	A 111001 B 111001	8.853 0.007 11.737 0.097	10.352 0.041	8.798 0.019		337.327 297 04 337.324 921 45	-9.662 717 09 -9.661 825 43	1.03 1.03	18.46 18.46	-0.23 -0.23	1.89 1.35 1.80 2.04 1.31 32.04 33.32 1.80 2.04 1.31	A	290.8	9.02										
22293-6926	1	LCA	A 110999 B 110999	7.979 0.007 10.056 0.048				337.326 213 05 337.326 509 41	-69.437 850 72 -69.437 840 85	3.88 3.88	-14.61 -28.64	-8.51 -19.94	1.67 1.34 1.18 1.00 1.05 9.10 9.95 1.18 5.34 7.51	A	85	0.38 +2	-0.02									
22294+6314	1	FCA	A 111010 B 111010	10.281 0.012 11.027 0.023				337.348 985 41 337.349 242 25	+63.237 547 87 +63.237 585 90	-0.19 -0.19	-3.84 -3.84	-0.91 -0.91	2.55 2.28 2.11 2.46 1.98 6.17 6.76 2.11 2.46 1.98	A	72	0.44										
22294+8050	1	ICA	A 111016 B 111008	9.403 0.016 10.682 0.036	9.644 0.020 10.745 0.048	9.344 0.021 10.521 0.061		337.368 191 40 337.348 867 74	+80.839 856 33 +80.842 892 46	4.66 9.81	11.60 11.56	7.87 8.83	2.36 2.48 2.03 2.58 2.86 11.20 10.35 5.37 8.67 7.94	A	314.64	15.56 0.00	0.00									
22294-4830	1	FCA	A 111011 B 111011	8.860 0.007 12.226 0.153				337.348 990 86 337.349 157 33	-48.506 102 73 -48.506 119 31	9.04 9.04	-5.66 -5.66	21.40 21.40	1.90 1.48 1.69 1.17 1.09 26.92 39.12 1.69 1.17 1.09	A	99	0.40										



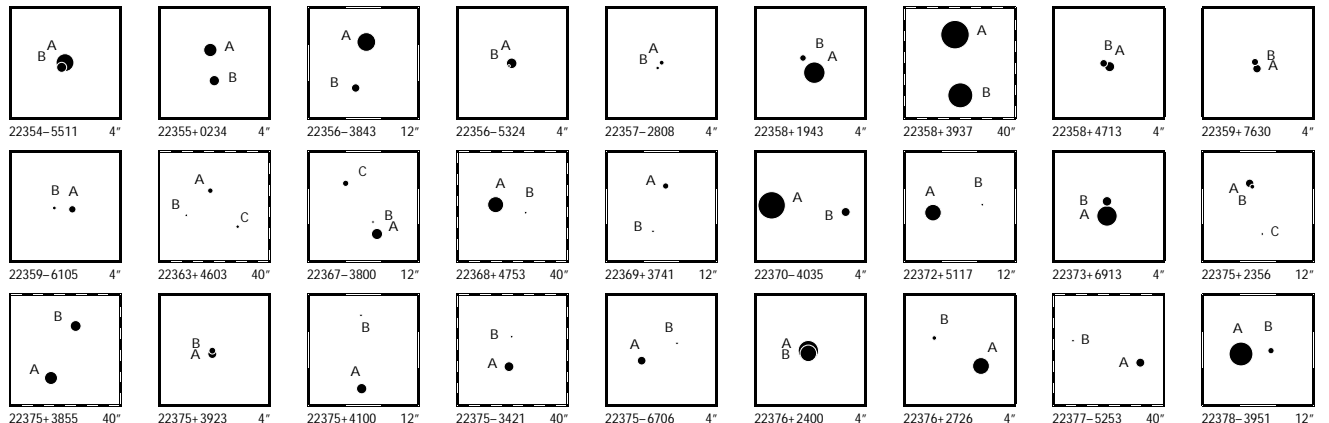
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22295+2959	1	F	C	A 111024 B 111024	8.077 0.004 11.043 0.063						337.385 878 29 +29.988 755 90 337.385 772 55 +29.988 569 48	7.80 7.80	-6.49 -13.98 -6.49 -13.98	0.80 0.80 1.18 0.75 0.97 16.22 11.63 1.18 0.75 0.97	A 206 0.75										
22295-0012	1	F	C	A 111025 B 111025	8.052 0.005 9.769 0.020	8.491 0.016	7.937 0.015				337.386 663 22 -0.205 026 76 337.386 678 26 -0.204 561 09	8.21 8.21	86.66 -14.27 86.66 -14.27	1.43 1.24 1.65 1.89 1.37 7.87 6.02 1.65 1.89 1.37	A 1.8 1.68										
22296+0539	1	F	C	B 111034 C 111034	10.745 0.019 12.400 0.088	11.035 0.076	10.699 0.090				337.412 764 31 +5.664 113 63 337.412 077 63 +5.664 773 64	3.03 3.03	19.10 -8.01 19.10 -8.01	4.20 2.62 3.67 4.20 2.73 25.38 21.02 3.67 4.20 2.73	B 314.0 3.42										
22299-3101	1	L	C	A 111051 B 111051	10.253 0.172 10.706 0.261						337.465 592 01 -31.013 351 06 337.465 568 97 -31.013 303 41	14.10 14.10	139.06 33.59 117.31 15.18	9.75 12.79 1.65 4.75 3.08 13.92 24.03 1.65 6.57 4.28	A 337 0.19 -8 -0.01										
22300+0426	1	L	C	A 111062 B 111062	5.829 0.003 7.368 0.011						337.491 452 07 +4.432 057 25 337.491 578 74 +4.431 981 94	18.93 18.93	-18.89 -151.08 -38.16 -142.15	1.35 1.13 1.23 1.63 1.17 5.66 7.88 1.23 4.29 5.38	A 117 0.592 0 -0.021										
22300+2556	1	F	C	A 111067 B 111067	8.517 0.007 11.135 0.073	8.983 0.017	8.449 0.016				337.507 434 07 +25.940 958 08 337.509 120 53 +25.941 315 65	12.21 12.21	121.10 11.98 121.10 11.98	1.28 1.13 1.49 1.32 1.66 15.17 13.36 1.49 1.32 1.66	A 76.7 5.61										
22302+2228	1	F	C	A 111082 B 111082	8.797 0.011 8.848 0.011						337.560 474 40 +22.466 712 94 337.560 585 00 +22.466 790 22	6.51 6.51	24.80 -22.32 24.80 -22.32	2.38 2.12 1.89 1.64 1.73 2.75 2.33 1.89 1.64 1.73	A 52.9 0.461										
22302-2924	1	F	C	A 111076 B 111076	10.927 0.016 12.223 0.052						337.538 613 33 -29.406 960 88 337.538 531 67 -29.407 140 90	12.81 12.81	79.92 28.35 79.92 28.35	3.77 3.09 3.82 3.86 2.59 22.56 10.86 3.82 3.86 2.59	A 202 0.70										
22302-4423	1	F	C	A 111078 B 111078	11.175 0.035 13.401 0.261						337.540 433 67 -44.379 452 54 337.540 377 50 -44.379 165 99	28.63 28.63	122.68 -109.45 122.68 -109.45	5.19 3.69 5.59 6.29 3.63 86.08 53.02 5.59 6.29 3.63	A 352 1.04										
22304-5133	1	F	C	A 111099 B 111099	8.984 0.005 11.389 0.042	9.960 0.016	8.898 0.011				337.610 615 07 -51.552 318 58 337.609 494 01 -51.552 506 72	2.35 2.35	5.17 10.46 5.17 10.46	1.23 1.18 1.85 1.51 1.25 12.55 12.18 1.85 1.51 1.25	A 254.9 2.60										
22305+2232	1	F	C	A 111109 B 111109	9.557 0.174 10.461 0.400						337.630 274 12 +22.537 378 05 337.630 276 80 +22.537 330 84	2.84 2.84	11.13 -3.67 11.13 -3.67	19.62 14.01 1.21 1.13 1.01 44.30 32.20 1.21 1.13 1.01	A 177 0.17										
22305+6137	1	F	C	A 111112 B 111112	7.614 0.008 7.902 0.010						337.635 952 69 +61.623 768 99 337.635 834 67 +61.623 701 29	2.13 2.13	7.59 0.60 7.59 0.60	1.17 1.16 0.68 0.67 0.67 1.96 1.84 0.68 0.67 0.67	A 219.6 0.317										
22305-0807	1	F	C	A 111113 B 111113	7.828 0.005 8.791 0.013	8.096 0.013	7.752 0.012				337.636 551 09 -8.114 625 26 337.635 360 42 -8.112 723 15	10.27 10.27	50.48 -2.42 50.48 -2.42	1.80 1.00 1.64 2.48 1.14 6.58 3.32 1.64 2.48 1.14	A 328.21 8.056										
22306+5331	1	F	C	A 111115 B 111115	8.383 0.006 8.610 0.007	8.815 0.018	8.485 0.020				337.648 208 11 +53.528 680 74 337.650 279 11 +53.529 116 66	2.93 2.93	13.99 0.68 13.99 0.68	1.29 1.22 1.39 1.32 1.21 2.18 2.10 1.39 1.32 1.21	A 70.50 4.701										
22306-1041	1	F	N	D A 111123 B 111123	4.864 0.016 8.465 0.430	4.780 0.003	4.821 0.003				337.661 729 18 -10.677 886 19 337.661 918 79 -10.676 863 06	12.29 12.29	1.79 -26.26 1.79 -26.26	1.24 0.97 1.32 1.29 0.88 49.93 40.79 1.32 1.29 0.88	A 10 3.74										
22307+1758	1	F	C	A 111125 B 111125	9.132 0.198 9.676 0.327						337.677 526 49 +17.974 461 91 337.677 560 28 +17.974 440 40	8.23 8.23	68.76 16.09 68.76 16.09	12.06 10.85 1.10 0.93 0.99 17.27 16.53 1.10 0.93 0.99	B 124 0.14										
22307+4856	1	F	C	A 111126 B 111126	10.383 0.038 10.428 0.040						337.678 061 19 +48.930 916 89 337.678 135 05 +48.930 986 24	-0.05 -0.05	-0.23 -3.74 -0.23 -3.74	3.37 3.76 1.68 1.27 1.29 5.05 4.99 1.68 1.27 1.29	A 35 0.305										
22308+0630	1	F	C	A 111131 B 111131	9.993 0.013 12.403 0.114	10.607 0.044	9.873 0.037				337.696 814 22 +6.500 429 08 337.697 006 84 +6.500 132 23	10.71 10.71	35.98 -47.63 35.98 -47.63	2.70 2.46 2.86 2.82 2.74 43.88 31.70 2.86 2.82 2.74	A 147 1.27										
22308-2410	1	F	C	A 111133 B 111133	8.158 0.042 10.683 0.432						337.705 522 93 -24.168 255 69 337.705 536 10 -24.168 195 32	2.62 2.62	17.96 -13.18 17.96 -13.18	7.46 6.11 1.64 1.53 1.16 64.51 40.72 1.64 1.53 1.16	A 11 0.22										
22312+5052	1	F	C	A 111164 B 111164	8.030 0.005 9.523 0.019	8.053 0.009	7.943 0.009				337.812 581 55 +50.872 350 26 337.811 989 13 +50.872 123 41	4.09 4.09	16.80 2.75 16.80 2.75	0.94 0.85 1.10 0.89 0.79 4.70 4.52 1.10 0.89 0.79	A 238.8 1.574										
22312+6528	1	F	C	A 111161 B 111161	9.102 0.010 11.645 0.098	9.672 0.021	9.055 0.019				337.806 560 11 +65.466 251 08 337.806 603 18 +65.464 905 00	0.31 0.31	0.90 -2.52 0.90 -2.52	1.75 1.78 1.88 2.07 2.00 29.52 21.51 1.88 2.07 2.00	A 179.2 4.85										
22313+3820	1	F	C	A 111165 B 111165	10.130 0.083 11.624 0.329						337.815 388 34 +38.332 464 70 337.815 300 73 +38.332 449 85	4.75 4.75	18.43 32.13 18.43 32.13	9.57 4.30 1.85 1.92 1.97 41.07 22.13 1.85 1.92 1.97	A 258 0.25										
22313+4113	1	F	C	A 111172 C 111172	10.158 0.013 11.148 0.030	10.625 0.029	10.038 0.028				337.827 635 72 +41.229 815 06 337.828 359 72 +41.230 680 93	8.07 8.07	7.02 -15.13 7.02 -15.13	2.68 3.62 5.00 2.90 4.50 9.90 15.32 5.00 2.90 4.50	B 32.2 3.68										
22314+4753	1	F	C	A 111181 B 111181	10.114 0.011 11.364 0.034	10.047 0.026	10.052 0.038				337.848 039 65 +47.880 509 00 337.847 201 26 +47.880 520 91	1.35 1.35	0.72 -3.53 0.72 -3.53	2.02 1.83 2.61 1.99 1.78 8.59 8.77 2.61 1.99 1.78	A 271.2 2.02										
22318+8011	1	F	C	A 111208 B 111208	9.344 0.022 10.837 0.087						337.946 232 90 +80.176 198 32 337.946 055 85 +80.176 123 88	2.00 2.00	-8.63 -9.24 -8.63 -9.24	2.49 3.39 1.04 1.19 1.15 10.28 10.88 1.04 1.19 1.15	A 202 0.29										
22319+5237	1	F	C	A 111214 B 111214	9.274 0.108 10.340 0.288						337.963 315 88 +52.613 205 58 337.963 306 17 +52.613 250 31	2.54 2.54	2.55 -1.89 2.55 -1.89	4.39 8.94 0.98 0.87 0.76 11.29 19.66 0.98 0.87 0.76	A 352 0.16										
22320+6311	1	F	C	D A 111221 D 111221	10.092 0.027 11.589 0.097	10.481 0.039	10.013 0.041				338.003 424 87 +63.191 824 59 338.008 132 82 +63.196 467 53	-3.83 -3.83	-2.27 -3.82 -2.27 -3.82	2.16 1.98 2.06 2.57 2.15 35.59 23.77 2.06 2.57 2.15	C 24.6 18.38										



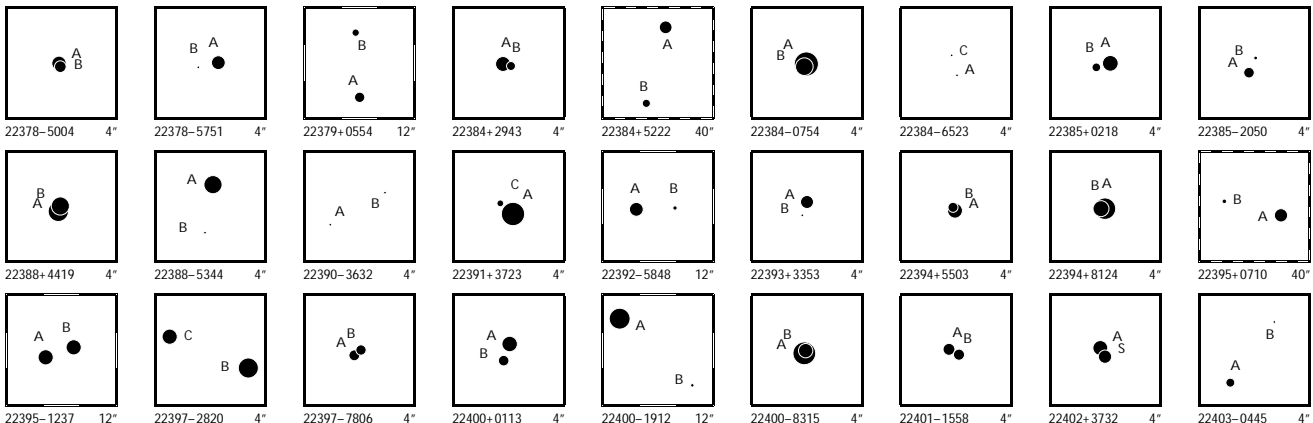
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22321-6609	1	FCA	A 111231 B 111231	9.566 0.008 11.384 0.040	10.034 0.020 11.592 0.089	9.447 0.018 10.856 0.071		338.037 081 00 338.036 799 41	-66.157 147 71 -66.155 356 24	8.20 8.20		37.92 37.92	-36.51 -36.51	1.47 10.66	1.48 11.76	1.92 1.92	1.66 1.66	1.42 1.42	A	356.4			6.46			
22323+2319	1	FCA	A 111245 B 111245	9.973 0.206 10.449 0.319				338.076 693 71 338.076 740 31	+23.310 917 18 +23.310 932 96	2.16 2.16		6.83 6.83	-7.32 -7.32	16.36 21.07	6.95 9.46	1.28 1.28	1.16 1.16	0.95 0.95	A	70			0.16			
22323+5156	1	FCA	A 111249 B 111249	9.318 0.007 10.374 0.019	9.412 0.014 10.521 0.038	9.224 0.017 10.166 0.043		338.084 297 87 338.086 628 16	+51.927 084 66 +51.925 719 94	1.97 1.97		3.45 3.45	-1.62 -1.62	1.56 5.63	1.31 4.78	1.74 1.74	1.52 1.52	1.36 1.36	A	133.52			7.13			
22323+5512	1	LCA	A 111243 B 111243	8.974 0.006 9.466 0.009	9.253 0.018 9.705 0.025	8.818 0.016 9.219 0.019		338.073 649 78 338.073 046 81	+55.199 367 36 +55.200 033 64	6.75 6.75		59.16 54.54	13.53 6.76	1.72 3.97	1.57 4.16	1.65 1.65	1.48 3.27	1.28 2.60	A	332.7			2.700	-0.2		-0.004
22325+5902	1	FCA	A 111266 B 111266	8.818 0.037 11.072 0.292				338.127 362 06 338.127 482 07	+59.027 040 19 +59.027 066 80	6.71 6.71		41.00 41.00	41.03 41.03	5.33 23.18	4.39 26.84	1.13 1.13	1.28 1.28	1.17 1.17	A	67			0.24			
22326+0725	1	ICA	A 111273 B 111276	9.423 0.018 9.519 0.019	9.794 0.023 9.844 0.022	9.393 0.024 9.441 0.022		338.141 430 82 338.144 539 38	+7.418 215 97 +7.415 667 58	5.42 5.85		-22.16 27.76	-18.92 22.43	6.01 9.06	4.65 6.83	7.01 8.49	9.41 10.92	7.45 7.46	A	129.58			14.40	-0.25		+0.01
22329+4923	1	LCA	B 111303 A 111303	8.505 0.015 8.615 0.017				338.223 718 59 338.223 797 59	+49.387 412 71 +49.387 341 09	9.21 9.21		30.69 21.65	-15.98 -20.23	2.32 2.26	2.36 2.46	0.98 0.98	1.16 1.16	1.17 1.41	B	144.3			0.317	+1.8		-0.002
22330+6954	1	LCA	A 111314 B 111314	6.681 0.009 7.029 0.012				338.261 233 43 338.261 488 21	+69.913 372 19 +69.913 357 51	13.11 13.11		128.63 109.76	71.24 63.88	1.37 1.95	1.09 2.05	0.56 0.56	0.69 0.93	0.70 1.05	A	99.5			0.319	+1.9		-0.017
22331+6830	1	FCC	A 111319 B 111319	7.830 0.006 11.623 0.185	8.029 0.008 7.765 0.008			338.281 114 82 338.281 775 44	+68.504 982 90 +68.505 731 85	2.85 2.85		11.05 11.05	9.31 9.31	0.86 38.08	0.89 33.54	0.92 0.92	0.90 0.90	0.86 0.86	A	18			2.83			
22333+7022	1	FCA	A 111325 B 111325	6.337 0.003 9.488 0.046	6.317 0.003 9.611 0.025	6.318 0.004 9.238 0.028		338.319 830 37 338.325 613 45	+70.373 681 42 +70.375 512 02	8.15 8.15		40.26 40.26	13.37 13.37	0.59 12.34	0.55 11.26	0.60 0.60	0.69 0.69	0.61 0.61	A	46.7			9.61			
22333-6049	1	FCA	A 111330 B 111330	8.847 0.005 10.157 0.015	9.324 0.009 10.424 0.031	8.705 0.008 9.891 0.032		338.335 835 18 338.337 890 23	-60.817 203 62 -60.817 853 13	5.83 5.83		8.87 8.87	0.71 0.71	0.92 3.48	1.18 4.96	1.75 1.75	0.98 0.98	1.05 1.05	A	123.0			4.299			
22334+3808	1	FCC	A 111335 B 111335	8.091 0.007 11.628 0.175				338.343 985 23 338.344 142 97	+38.126 810 91 +38.126 645 27	10.30 10.30		43.04 43.04	-32.37 -32.37	1.23 35.07	1.23 45.71	1.46 1.46	1.38 1.38	1.40 1.40	A	143			0.75			
22334+3935	1	FCA	A 111337 C 111337	8.764 0.084 9.084 0.113				338.347 789 30 338.347 788 07	+39.575 186 36 +39.575 137 73	2.35 2.35		-1.53 -1.53	-4.29 -4.29	5.63 7.52	7.77 8.66	1.13 1.13	1.18 1.18	1.12 1.12	A	181			0.175			
22340+2945	1	FCA	A 111390 B 111390	8.487 0.006 11.499 0.089	9.644 0.015 12.026 0.146	8.424 0.009 11.129 0.106		338.501 831 33 338.502 858 55	+29.743 124 01 +29.739 715 64	0.49 0.49		27.79 27.79	0.68 0.68	0.95 23.51	1.14 27.01	1.69 1.69	0.99 0.99	1.47 1.47	A	165.3			12.68			
22342+5405	1	FCA	A 111405 B 111405	8.453 0.023 8.490 0.023				338.541 992 56 338.541 872 41	+54.085 299 44 +54.085 280 42	4.39 4.39		12.10 12.10	-1.82 -1.82	3.08 3.48	1.72 2.39	0.82 0.82	0.75 0.75	0.63 0.63	A	255			0.263			
22342-1841	1	FCA	A 111406 S 111406	9.239 0.275 9.901 0.506				338.543 636 40 338.543 646 65	-18.686 655 15 -18.686 621 44	7.70 7.70		-22.44 -22.44	-14.80 -14.80	10.70 23.59	17.06 26.07	1.27 1.27	1.19 1.19	0.86 0.86	A	16			0.13			
22343+0345	1	FCA	A 111413 B 111413	9.087 0.124 9.689 0.216				338.580 638 65 338.580 636 57	+3.742 599 12 +3.742 636 17	10.47 10.47		-18.86 -18.86	-28.68 -28.68	6.29 10.90	8.93 11.63	1.33 1.33	1.54 1.54	0.94 0.94	A	357			0.134			
22344-2236	1	FCA	A 111416 B 111416	8.651 0.021 10.932 0.167	9.108 0.017 8.531 0.016			338.590 528 31 338.590 367 37	-22.602 139 13 -22.601 746 42	4.87 4.87		17.32 17.32	16.83 16.83	2.46 24.29	1.87 24.31	2.39 2.39	2.87 2.87	1.74 1.74	A	339			1.51			
22345+0413	1	ICA	A 111433 B 111434	7.530 0.017 9.169 0.073	7.563 0.009 9.327 0.025	7.552 0.010 8.958 0.026		338.631 582 81 338.633 844 94	+4.222 389 85 +4.219 351 58	10.16 9.58		19.80 19.97	0.25 1.16	2.74 17.42	2.00 13.02	2.42 7.30	3.02 7.96	2.12 6.55	A	143.41			13.62	0.00		0.00
22345-7602	1	FNC	A 111427 C 111427	9.278 0.020 12.605 0.372	11.457 0.075 9.615 0.024			338.618 755 44 338.623 028 72	-76.038 671 33 -76.038 854 87	4.36 4.36		-6.41 -6.41	-7.34 -7.34	1.76 59.31	1.67 48.88	1.92 1.92	1.85 1.85	1.71 1.71	A	100			3.77			
22348+5715	1	FCA	A 111457 B 111457	9.961 0.010 12.609 0.106	10.057 0.025 10.003 0.037			338.700 323 15 338.701 466 61	+57.249 819 36 +57.249 673 80	1.10 1.10		-1.56 -1.56	-1.47 -1.47	1.51 27.41	1.39 21.86	1.64 1.64	1.71 1.71	1.47 1.47	A	103			2.29			
22349+4134	1	FCA	A 111460 B 111460	8.566 0.004 9.485 0.010	8.933 0.010 8.486 0.010			338.730 188 92 338.728 994 31	+41.571 953 28 +41.572 448 49	5.75 5.75		2.28 2.28	-38.87 -38.87	0.93 2.97	1.21 3.84	1.57 1.57	0.96 0.96	1.53 1.53	A	299.0			3.678			
22350+6050	1	FND	D A 111469 B 111469	7.224 0.019 10.468 0.375				338.751 784 01 338.751 659 24	+60.826 371 90 +60.826 399 10	15.80 15.80		-107.99 -107.99	-17.43 -17.43	1.38 53.94	0.95 32.24	0.77 0.77	0.80 0.80	0.71 0.71	A	294			0.24			
22352+1437	1	FCA	A 111480 B 111480	7.829 0.004 9.634 0.022				338.800 432 52 338.800 326 43	+14.610 538 48 +14.610 405 44	2.08 2.08		-2.36 -2.36	-2.42 -2.42	1.29 8.45	1.04 4.20	1.34 1.34	1.43 1.43	1.12 1.12	A	218			0.60			
22352-1825	1	FCA	A 111477 B 111477	9.065 0.008 11.626 0.075				338.790 075 36 338.790 244 56	-18.416 344 60 -18.416 371 29	9.29 9.29		3.86 3.86	9.19 9.19	2.33 23.35	1.53 22.43	2.11 2.11	2.22 2.22	1.42 1.42	A	99			0.59			
22354+5959	1	FCC	A 111499 B 111499	9.121 0.160 11.136 1.025				338.857 561 59 338.857 587 08	+59.984 334 75 +59.984 366 42	0.57 0.57		9.13 9.13	-1.00 -1.00	2.98 45.97	10.27 44.31	0.79 0.79	0.79 0.79	0.76 0.76	A	22			0.12			
22354-4137	1	FCA	A 111500 B 111500	9.601 0.009 10.003 0.013	9.963 0.023 10.334 0.034	9.505 0.023 9.831 0.033		338.857 901 94 338.859 338 96	-41.611 702 63 -41.610 729 85	4.00 4.00		5.32 5.32	-19.99 -19.99	3.10 5.49	1.69 3.87	2.57 2.57	3.09 3.09	1.56 1.56	A	47.84			5.22			



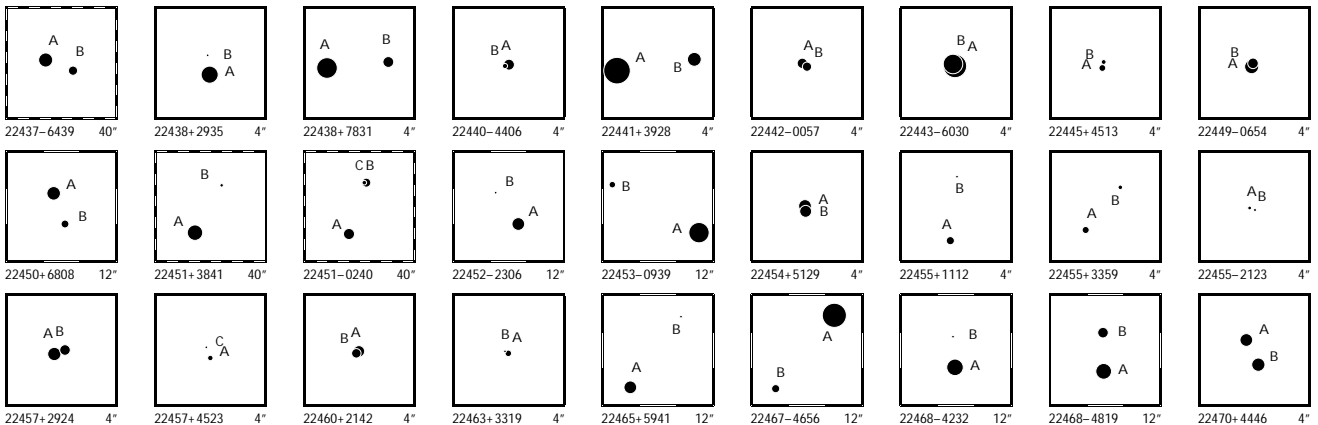
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22354-5511	1	F CA	A 111501 B 111501	8.057 0.039 9.773 0.188							338.858 251 36 338.858 310 05	-55.184 154 85 -55.184 196 09	1.62 1.62	-2.96 -2.96	1.56 1.56	2.76 3.29 1.03 0.82 0.62 12.97 13.10 1.03 0.82 0.62					A 141	0.19			
22355+0234	1	F CA	A 111508 B 111508	9.061 0.007 9.713 0.012							338.874 194 53 338.874 157 13	+2.561 827 28 +2.561 512 65	8.80 8.80	15.80 15.80	-21.77 -21.77	2.58 2.18 2.47 2.81 2.15 6.63 9.11 2.47 2.81 2.15					A 186.8	1.14			
22356-3843	1	F CA	A 111513 B 111513	7.850 0.005 10.146 0.036	8.245 0.009 10.620 0.054	7.786 0.009 9.834 0.040					338.895 255 68 338.895 692 22	-38.724 535 06 -38.725 940 34	7.86 7.86	-12.00 -12.00	25.48 25.48	1.04 0.76 1.12 1.17 0.78 8.78 5.94 1.12 1.17 0.78					A 166.4	5.21			
22356-5324	1	F CC	A 111514 B 111514	9.664 0.159 11.618 0.962							338.901 385 81 338.901 444 96	-53.406 701 33 -53.406 727 69	3.53 3.53	8.48 8.48	-56.52 -56.52	8.06 11.04 1.39 1.07 0.92 73.08 52.86 1.39 1.07 0.92					A 127	0.16			
22357-2808	1	F CA	A 111520 B 111520	10.939 0.071 11.227 0.092							338.916 757 46 338.916 808 36	-28.132 720 92 -28.132 772 26	21.75 21.75	193.73 193.73	-158.94 -158.94	6.54 6.88 2.49 2.64 1.61 11.12 10.44 2.49 2.64 1.61					A 139	0.25			
22358+1943	1	F CA	A 111535 B 111535	7.281 0.005 10.535 0.088							338.946 964 66 338.947 088 84	+19.716 598 70 +19.716 742 66	6.78 6.78	3.91 3.91	-2.00 -2.00	1.24 0.86 1.16 1.43 0.92 31.86 15.04 1.16 1.43 0.92					A 39	0.67			
22358+3937	1	INB	A 111546 B 111544	5.682 0.028 6.488 0.049	5.500 0.003 6.226 0.004	5.682 0.004 6.393 0.006					338.967 851 92 338.967 093 29	+39.634 341 36 +39.628 160 44	5.10 12.92	1.11 -14.36	-4.39 -5.71	1.89 1.68 1.79 2.42 1.91 16.62 14.32 9.26 13.00 10.42					A 185.40	22.35	+0.04	0.00	
22358+4713	1	F CA	A 111540 B 111540	9.776 0.044 10.291 0.070							338.955 262 40 338.955 347 77	+47.219 840 06 +47.219 871 29	5.06 5.06	14.19 14.19	3.81 3.81	4.64 3.59 1.50 1.06 1.06 7.81 6.90 1.50 1.06 1.06					A 62	0.24			
22359+7630	1	F CA	A 111549 B 111549	10.139 0.048 10.434 0.063							338.971 493 50 338.971 547 91	+76.491 957 83 +76.492 022 40	9.82 9.82	-214.74 -214.74	158.14 158.14	3.77 5.46 1.13 1.13 1.11 6.34 7.48 1.13 1.13 1.11					A 11	0.24			
22359-6105	1	F CA	A 111547 B 111547	10.361 0.008 11.163 0.017							338.969 948 41 338.970 329 47	-61.079 447 39 -61.079 435 30	3.54 3.54	11.13 11.13	12.98 12.98	3.18 2.78 4.48 3.20 2.49 7.76 7.83 4.48 3.20 2.49					A 86	0.66			
22363+4603	1	F NC	G A 111582 C 111580 B 111584	10.807 0.041 11.240 0.057 14.219 0.905	11.088 0.045 12.103 0.137	10.610 0.047 10.951 0.079					339.078 886 49 339.074 849 71 339.082 391 45	+46.045 300 12 +46.041 613 32 +46.042 817 22	7.04 7.04 7.04	11.62 11.62 11.62	-6.98 -6.98 -6.98	2.68 2.97 3.43 2.48 2.47 11.06 12.41 3.43 2.48 2.47 146.69 155.11 3.43 2.48 2.47					A 217.24	16.67			
22367-3800	1	F NB	G A 111618 C 111618 B 111618	9.565 0.030 10.624 0.032 11.459 0.159	9.925 0.021 10.935 0.055	9.417 0.021 10.342 0.051					339.183 657 45 339.184 860 42 339.183 817 26	-37.998 221 75 -37.996 666 08 -37.997 867 84	7.03 7.03 7.03	-11.60 -11.60 -11.60	-2.32 -2.32 -2.32	2.99 1.98 2.16 2.36 1.59 9.32 6.11 2.16 2.36 1.59 31.82 19.07 2.16 2.36 1.59					A 31.4	6.56			
22368+4753	1	F CB	A 111626 B 111626	8.485 0.006 11.942 0.136	8.765 0.010	8.422 0.011					339.199 765 85 339.195 148 10	+47.883 690 91 +47.882 990 19	4.56 4.56	12.75 12.75	3.34 3.34	0.98 1.09 1.34 0.95 1.05 32.61 45.30 1.34 0.95 1.05					A 257.3	11.43			
22369+3741	1	F CA	A 111636 B 111636	10.616 0.015 12.834 0.109	10.733 0.048	10.480 0.062					339.230 962 35 339.231 450 13	+37.675 586 20 +37.674 201 99	2.78 2.78	-4.51 -4.51	-10.47 -10.47	2.59 1.96 2.74 3.20 2.22 34.39 25.44 2.74 3.20 2.22					A 164.4	5.17			
22370-4035	1	F CB	A 111643 B 111643	5.912 0.003 10.035 0.126	5.950 0.003	5.884 0.003					339.245 082 93 339.244 086 35	-40.590 865 11 -40.590 928 47	14.86 14.86	45.18 45.18	-69.65 -69.65	0.72 0.59 0.85 0.81 0.62 36.35 22.48 0.85 0.81 0.62					A 265.2	2.73			
22372+5117	1	F CA	A 111663 B 111663	8.323 0.004 11.576 0.075	8.351 0.013	8.331 0.016					339.312 060 43 339.309 645 80	+51.285 938 78 +51.286 205 79	2.49 2.49	7.62 7.62	2.23 2.23	0.81 0.84 1.03 0.82 0.87 16.43 23.54 1.03 0.82 0.87					A 280.0	5.52			
22373+6913	1	F CA	A 111670 B 111670	7.495 0.003 9.905 0.027							339.329 692 65 339.329 694 90	+69.208 632 70 +69.208 780 79	6.97 6.97	12.82 12.82	-1.29 -1.29	0.69 0.80 0.72 0.72 0.68 6.72 5.53 0.72 0.72 0.68					A 0	0.53			
22375+2356	1	LNB	G A 111680 B 111680 C 111680	10.136 0.022 10.893 0.036 12.435 0.146							339.362 611 93 339.362 517 22 339.362 183 21	+23.937 919 04 +23.937 815 63 +23.936 346 99	20.12 20.12 20.12	86.65 78.95 77.62	-24.69 -0.44 -0.46	2.71 2.70 2.23 2.39 2.47 10.10 8.64 2.23 5.84 6.20 33.61 34.68 2.23 20.88 24.54					A 220	0.49	+3	-0.01	
22375+3855	1	I CA	A 111681 B 111679	9.140 0.038 9.622 0.052	9.038 0.015 11.320 0.092	9.070 0.020 9.482 0.028					339.365 136 41 339.361 871 64	+38.911 757 71 +38.917 159 27	3.62 3.79	-5.73 -8.73	-5.07 -5.60	3.26 2.62 3.03 3.92 2.84 24.14 17.29 5.38 7.50 5.32					A 334.81	21.49	-0.01	0.00	
22375+3923	1	F CC	A 111685 B 111685	10.035 0.383 10.474 0.574							339.374 535 44 339.374 530 91	+39.381 823 19 +39.381 862 98	52.94 52.94	21.64 21.64	-340.77 -340.77	20.69 24.83 1.94 2.08 1.66 23.07 34.99 1.94 2.08 1.66					A 355	0.14			
22375+4100	1	F CC	A 111682 B 111682	9.712 0.012 13.208 0.290	9.741 0.017	9.661 0.023					339.367 352 03 339.367 379 35	+41.005 284 27 +41.007 542 21	1.23 1.23	-0.78 -0.78	-4.94 -4.94	1.64 1.65 2.35 1.85 1.93 68.15 65.95 2.35 1.85 1.93					A 0.5	8.13			
22375-3421	1	L CB	P A 111687 B 111687	9.823 0.016 12.363 0.132	10.307 0.031	9.702 0.029					339.382 618 65 339.382 289 26	-34.357 467 59 -34.354 411 94	5.16 5.16	49.11 2.17	-7.68 25.76	2.38 1.91 2.56 2.09 1.61 37.06 34.98 2.56 20.74 20.40					A 354.9	11.04	-0.2	+0.04	
22375-6706	1	F CA	A 111686 B 111686	10.065 0.014 11.823 0.071	11.428 0.068	9.994 0.030					339.375 880 06 339.374 961 31	-67.102 931 01 -67.102 753 05	32.04 32.04	-214.96 -214.96	-193.29 -193.29	1.85 1.97 2.30 2.02 1.81 13.91 14.25 2.30 2.02 1.81					A 296	1.44			
22376+2400	1	F CA	A 111694 B 111694	7.497 0.182 8.320 0.388							339.389 022 63 339.389 024 77	+24.001 378 14 +24.001 349 23	5.53 5.53	-21.74 -21.74	-17.77 -17.77	4.31 10.14 0.80 0.66 0.63 9.18 16.02 0.80 0.66 0.63					A 176	0.10			
22376+2726	1	F CA	A 111696 B 111696	8.259 0.004 10.954 0.047	8.707 0.010	8.173 0.010					339.396 557 15 339.397 071 12	+27.439 603 54 +27.439 893 95	8.78 8.78	35.24 35.24	31.15 31.15	0.96 0.93 1.21 1.04 1.09 14.78 12.36 1.21 1.04 1.09					A 58.5	2.00			
22377-5253	1	IND	D A 111708 B 111715	10.009 0.014 12.186 0.077	11.070 0.043	9.964 0.027					339.433 105 30 339.444 630 77	-52.875 825 39 -52.873 570 98	18.11 -5.87	-140.81 -14.20	-78.74 -22.14	2.46 2.83 3.62 3.09 2.56 24.67 28.70 22.46 18.60 15.74					A 72.05	26.33	-0.03	+0.14	
22378-3951	1	F CC	A 111718 B 111718	6.715 0.005 10.644 0.139	7.230 0.005 11.546 0.389	6.635 0.005 10.740 0.267					339.448 946 98 339.447 723 25	-39.857 119 35 -39.857 010 07	10.02 10.02	-16.32 -16.32	2.12 2.12	0.89 0.66 1.00 1.02 0.72 40.46 24.13 1.00 1.02 0.72					A 276.6	3.40			



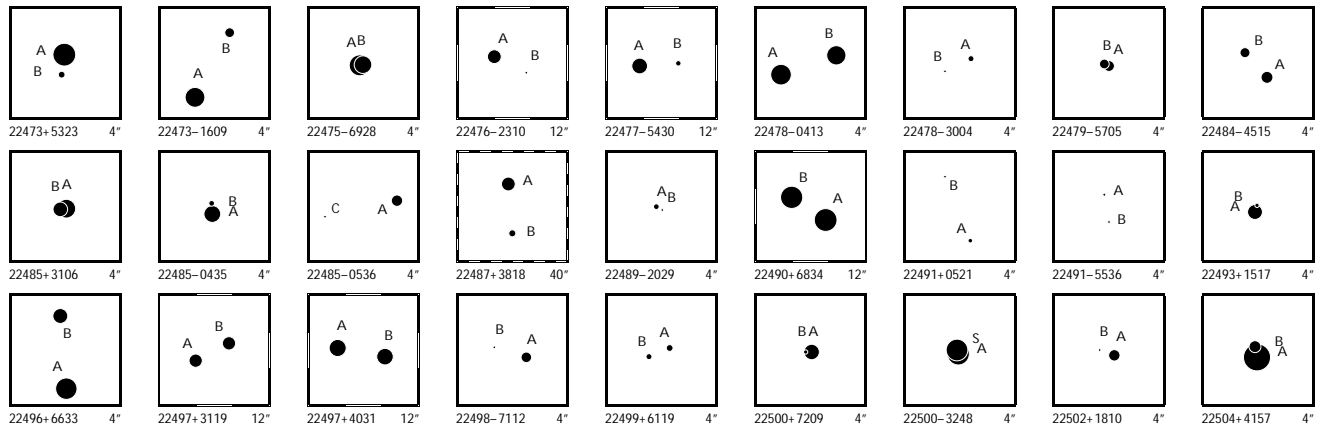
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)				Par. π mas	Proper Motion			Standard Errors				Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ	α	δ		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
22378-5004	1	F CA	A 111714 B 111714	8.824 0.123 9.413 0.211				339.443 786 34 339.443 770 25	-50.066 604 33 -50.066 644 18	4.09 4.09	26.75 -16.31 26.75 -16.31	4.35 10.06 1.19 9.21 11.99 1.19	0.97 0.76 0.97 0.76	A 195	0.15												
22378-5751	1	F CA	A 111712 B 111712	8.946 0.005 11.551 0.055				339.440 786 06 339.441 170 29	-57.852 922 56 -57.852 973 65	6.85 6.85	20.15 40.61 20.15 40.61	1.14 1.23 1.65 14.62 17.56 1.65	1.20 1.09 1.20 1.09	A 104	0.76												
22379+0554	1	F CA	A 111724 B 111724	9.706 0.007 10.404 0.014	10.057 0.026 10.647 0.047	9.553 0.026 10.109 0.046		339.470 365 56 339.470 489 82	+5.907 150 43 +5.909 136 92	6.43 6.43	-6.01 5.54 -6.01 5.54	3.05 2.11 2.98 6.86 6.40 2.98	4.11 2.57 4.11 2.57	A 3.6	7.17												
22384+2943	1	F CA	A 111765 B 111765	8.720 0.016 10.033 0.055				339.597 153 08 339.597 053 48	+29.712 014 65 +29.711 990 86	5.24 5.24	12.60 -8.90 12.60 -8.90	2.56 1.67 1.30 7.10 6.14 1.30	0.84 0.97 0.84 0.97	A 255	0.32												
22384+5222	1	I CB	A 111756 B 111762	9.155 0.005 10.201 0.009	9.198 0.014 11.780 0.138	9.129 0.017 10.152 0.046		339.589 179 19 339.592 422 74	+52.376 090 39 +52.368 275 69	-3.13 8.98	0.91 -3.54 -0.85 -5.59	2.17 2.05 2.21 4.44 4.20 3.27	2.30 1.95 3.28 2.89	A 165.78	29.022	0.00	+0.002										
22384-0754	1	F CA	A 111761 B 111761	6.635 0.182 8.109 0.708				339.592 086 67 339.592 101 96	-7.897 551 88 -7.897 574 67	7.10 7.10	71.26 -2.61 71.26 -2.61	6.43 9.43 1.31 13.81 17.55 1.31	1.35 0.87 1.35 0.87	A 146	0.10												
22384-6523	1	F NC	A 111766 B 111766 C 111766	12.133 0.034 12.264 0.039				339.619 115 18 339.619 259 19	-65.378 115 71 -65.377 910 57	67.44 67.44	833.28 -160.26 833.28 -160.26	4.75 6.02 6.47 13.21 11.89 6.47	5.04 6.28 5.04 6.28	A 16	0.77												
22385+0218	1	F CA	A 111775 B 111775	8.514 0.007 10.061 0.027				339.621 742 85 339.621 886 43	+2.299 018 12 +2.298 977 39	12.86 12.86	60.50 -30.66 60.50 -30.66	2.22 1.81 2.13 8.97 11.50 2.13	2.28 1.80 2.28 1.80	A 106	0.54												
22385-2050	1	F CA	A 111786 B 111786	9.635 0.006 11.150 0.022				339.634 828 43 339.634 755 46	-20.833 690 86 +20.833 541 97	5.29 5.29	0.84 16.74 0.84 16.74	2.30 1.72 2.50 10.13 5.96 2.50	2.69 1.89 2.69 1.89	A 335	0.59												
22388+4419	1	L CA	A 111805 B 111805	7.476 0.028 7.982 0.045				339.697 013 01 339.696 981 18	+44.313 718 06 +44.313 772 84	26.33 26.33	227.75 78.71 244.91 45.34	2.03 2.83 0.80 3.92 4.22 0.80	1.58 1.23 2.66 1.94	A 337	0.214	+1	-0.037										
22388-5344	1	F CB	A 111804 B 111804	7.989 0.005 11.810 0.154	8.333 0.010	7.932 0.010		339.690 652 85 339.690 805 25	-53.731 429 48 -53.731 916 04	11.98 11.98	20.97 -2.01 20.97 -2.01	0.90 0.89 1.33 46.68 29.92 1.33	1.05 0.89 1.05 0.89	A 170	1.78												
22390-3632	1	F NC	A 111824 B 111824	12.464 0.032 12.581 0.035				339.745 071 10 339.744 383 44	-36.533 281 10 -36.532 957 71	22.13 22.13	-187.09 -227.47 -187.09 -227.47	5.72 3.53 4.96 21.24 9.76 4.96	4.61 3.61 4.61 3.61	A 300.3	2.30												
22391+3723	1	F CA	A 111828 B 111828 C 111828	6.827 0.004 10.516 0.118				339.769 106 39 339.769 269 80	+37.375 431 97 +37.375 540 92	1.16 1.16	-3.20 -5.65 -3.20 -5.65	0.83 0.74 0.89 20.28 20.17 0.89	0.90 0.78 0.90 0.78	A 50	0.61												
22392-5848	1	F CA	A 111834 B 111834	8.915 0.005 11.047 0.034	10.024 0.017 11.430 0.081	8.817 0.011 10.720 0.071		339.786 999 89 339.784 674 64	-58.808 056 63 -58.808 005 77	2.96 2.96	9.05 -6.31 9.05 -6.31	1.11 1.06 1.67 9.48 10.13 1.67	1.19 0.98 1.19 0.98	A 272.4	4.34												
22393+3353	1	F CA	A 111842 B 111842	9.096 0.006 11.589 0.053				339.815 976 76 339.816 029 43	+33.889 503 95 +33.889 373 76	2.18 2.18	-8.06 -6.07 -8.06 -6.07	1.20 1.37 1.47 12.19 11.98 1.47	1.35 1.23 1.35 1.23	A 161	0.49												
22394+5503	1	F CB	A 111853 B 111853	8.718 0.171 9.807 0.467				339.857 943 82 339.857 971 90	+55.048 762 51 +55.048 795 62	1.83 1.83	1.10 -1.45 1.10 -1.45	4.68 9.78 0.69 26.72 26.28 0.69	0.72 0.67 0.72 0.67	A 26	0.13												
22394+8124	1	F CA	A 111852 B 111852	7.285 0.081 8.466 0.239				339.853 346 91 339.853 592 03	+81.392 055 70 +81.392 052 43	3.31 3.31	23.03 9.47 23.03 9.47	6.15 2.52 0.52 11.30 7.58 0.52	0.49 0.46 0.49 0.46	A 95	0.13												
22395+0710	1	I CA	A 111857 B 111861	9.081 0.031 10.979 0.144	9.586 0.021 10.999 0.078	9.038 0.020 10.215 0.057		339.868 184 71 339.874 008 42	+7.173 338 27 +7.174 778 65	11.82 6.61	35.82 -3.51 47.91 -18.02	3.87 2.88 3.84 39.43 29.35 20.07	5.44 3.32 24.72 19.40	A 76.0	21.44	0.0	+0.01										
22395-1237	1	L CA	A 111870 B 111870	8.630 0.008 8.642 0.008	9.381 0.055	8.407 0.042		339.893 708 31 339.892 819 17	-12.614 814 12 -12.614 511 58	25.42 25.42	228.45 -151.91 231.33 -169.21	2.84 1.84 2.08 4.97 3.69 2.08	4.22 1.74 7.05 3.83	A 289.2	3.31	-0.3	-0.01										
22397-2820	1	L CA	B 111882 C 111882	7.572 0.004 8.629 0.009	7.941 0.019	7.434 0.018		339.943 428 66 339.944 344 52	-28.348 054 38 -28.347 732 93	7.73 7.73	93.80 -38.62 93.59 -44.62	1.38 1.05 1.34 5.15 3.31 1.34	1.28 0.88 3.49 1.91	B 68.26	3.124	+0.10	-0.002										
22397-7806	1	F CA	A 111876 B 111876	9.620 0.029 9.695 0.031				339.919 046 70 339.918 736 51	-78.099 121 94 -78.099 065 74	11.42 11.42	96.92 -110.15 96.92 -110.15	3.12 2.81 1.22 4.31 3.94 1.22	1.43 1.03 1.43 1.03	A 311	0.307												
22400+0113	1	L CA	A 111900 B 111900	8.558 0.004 9.653 0.011				340.002 101 64 340.002 164 18	+1.209 190 03 +1.209 017 16	11.30 11.30	67.82 61.11 69.29 49.76	1.89 1.43 1.80 5.31 3.75 1.80	1.92 1.37 4.45 2.96	A 160.1	0.662	+0.2	+0.011										
22400-1912	1	F CC	A 111903 B 111903	7.384 0.004 11.214 0.125	7.809 0.007	7.325 0.006		340.011 218 27 340.008 859 25	-19.197 845 55 -19.199 899 34	15.83 15.83	16.86 -34.15 16.86 -34.15	1.01 0.71 1.21 44.99 22.63 1.21	1.13 0.85 1.13 0.85	A 227.3	10.91												
22400-8315	1	F CB	A 111898 B 111898	6.937 0.126 8.791 0.696				339.997 423 04 339.997 278 78	-83.251 677 10 -83.251 648 66	10.15 10.15	52.17 -24.02 52.17 -24.02	5.31 6.93 0.65 24.19 23.70 0.65	0.71 0.61 0.71 0.61	A 329	0.12												
22401-1558	1	F CA	A 111911 B 111911	9.354 0.024 9.558 0.029				340.033 819 60 340.033 713 84	-15.958 685 47 -15.958 738 28	3.62 3.62	9.81 -32.29 9.81 -32.29	3.67 2.42 2.63 5.25 3.42 2.63	2.69 2.02 2.69 2.02	A 242.6	0.412												
22402+3732	1	F CA	A 111919 S 111919	8.682 0.013 9.037 0.018				340.057 135 09 340.057 075 82	+37.527 907 02 +37.527 819 38	8.80 8.80	33.59 -2.82 33.59 -2.82	1.96 2.02 1.82 3.49 3.04 1.82	1.92 1.93 1.92 1.93	A 208	0.358												
22403-0445	1	F CC	A 111921 B 111921	10.021 0.014 13.881 0.464	10.521 0.043	9.854 0.039		340.066 294 65 340.065 837 73	-4.745 727 80 -4.745 109 74	4.97 4.97	-14.71 -7.82 -14.71 -7.82	2.71 2.15 2.87 158.09 98.89 2.87	3.10 2.40 3.10 2.40	A 324	2.76												



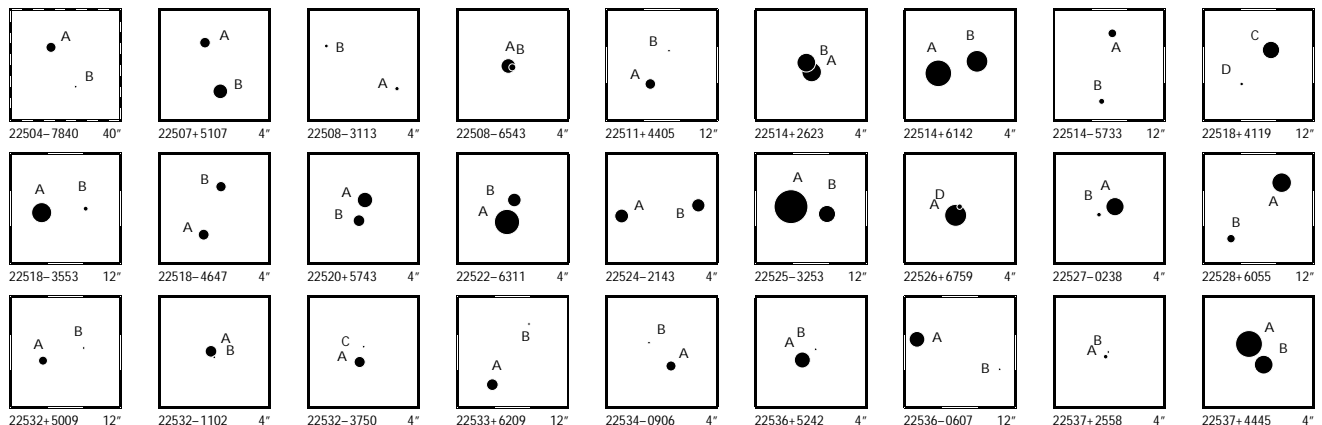
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22437-6439	1	I CA	A 112220 B 112216	8.873 0.006 9.966 0.014		9.172 0.013 10.273 0.028	8.778 0.013 9.782 0.027	340.918 530 70 340.912 022 50	-64.648 159 79 -64.649 246 69	5.73 2.10	17.99 12.67	-3.10 10.66	1.86 5.81	1.90 6.66	2.06 5.67	2.15 5.46	1.96 6.02	A	248.69	10.77	+0.08	0.00				
22438+2935	1	F C B	A 112228 B 112228	8.198 0.005 11.851 0.140				340.958 937 29 340.958 953 21	+29.587 600 19 +29.587 787 66	11.01 11.01	43.17 43.17	-53.70 -53.70	0.87 34.39	0.94 22.74	1.27 1.27	0.89 0.89	1.10 1.10	A	4	0.68						
22438+7831	1	F CA	A 112230 B 112230	7.469 0.005 9.622 0.034		7.414 0.005 9.560 0.038	7.447 0.007 9.410 0.057	340.961 293 68 340.958 138 75	+78.518 254 25 +78.518 310 68	3.77 3.77	11.28 11.28	1.21 1.21	0.88 8.32	0.84 8.18	0.91 0.91	1.13 1.13	0.93 0.93	A	275.1	2.27						
22440-4406	1	F C C	A 112236 B 112236	9.614 0.410 10.870 1.303				340.995 289 56 340.995 340 70	-44.108 022 43 -44.108 036 52	6.49 6.49	28.84 28.84	3.09 3.09	28.92 71.48	17.48 45.13	1.49 1.49	1.52 1.52	0.95 0.95	A	111	0.14						
22441+3928	1	F CA	A 112241 B 112241	6.137 0.003 8.967 0.037		8.013 0.009 6.165 0.004		341.021 717 45 341.020 690 39	+39.465 417 36 +39.465 529 67	5.04 5.04	7.68 7.68	-28.38 -28.38	0.70 11.14	0.62 8.32	0.61 0.81	0.98 0.98	0.81 0.81	A	278.1	2.88						
22442-0057	1	F CA	A 112255 B 112255	9.703 0.147 9.949 0.185				341.049 716 00 341.049 663 16	-0.953 473 77 -0.953 508 23	0.89 0.89	-2.09 -2.09	-7.42 -7.42	14.26 17.68	8.86 10.94	1.64 1.64	1.58 1.58	1.36 1.36	A	237	0.23						
22443-6030	1	F CA	A 112259 B 112259	6.816 0.077 7.687 0.172				341.068 630 92 341.068 684 33	-60.499 672 00 -60.499 655 49	7.38 7.38	2.92 2.92	20.07 20.07	3.75 7.28	2.85 6.73	0.64 0.64	0.37 0.37	0.38 0.38	A	58	0.11						
22445+4513	1	F CA	A 112279 B 112279	10.477 0.138 10.917 0.207				341.136 765 03 341.136 741 28	+45.212 263 88 +45.212 318 57	2.06 2.06	4.57 4.57	-5.61 -5.61	8.01 15.72	12.26 20.56	2.01 2.01	1.24 1.24	1.32 1.32	A	343	0.21						
22449-0654	1	F CA	A 112308 B 112308	8.879 0.252 9.668 0.521				341.224 953 44 341.224 944 35	-6.903 263 72 -6.903 235 93	7.53 7.53	21.59 21.59	-2.28 -2.28	10.57 20.77	14.91 18.23	1.26 1.26	1.94 1.94	0.94 0.94	A	342	0.11						
22450+6808	1	L C B	A 112317 B 112317	9.013 0.087 10.245 0.095		9.280 0.017 10.208 0.045	8.990 0.019 9.885 0.051	341.260 834 56 341.259 880 26	+68.132 902 33 +68.131 959 98	5.95 5.95	18.94 -20.44	5.78 7.02	4.55 17.40	3.08 14.10	2.57 2.57	3.81 11.67	2.52 9.62	A	200.7	3.63	+0.6	+0.01				
22451+3841	1	F ND	D A 112323 B 112323	8.583 0.026 11.203 0.243		8.721 0.011 11.376 0.085	8.523 0.013 10.663 0.067	341.262 785 00 341.259 271 58	+38.677 669 45 +38.682 517 45	6.19 6.19	17.54 17.54	-23.64 -23.64	1.31 65.00	1.04 54.94	1.46 1.46	1.43 1.43	1.37 1.37	A	330.5	20.05						
22451-0240	1	F NC	G A 112326 B 112325 C 112325	9.541 0.042 10.008 0.063 11.001 0.157		9.992 0.029 9.374 0.028		341.270 222 10 341.268 470 60 341.268 651 05	-2.661 733 13 -2.656 441 57 -2.656 449 36	-0.33 -0.33 -0.33	9.14 9.14 9.14	-82.81 -82.81 -82.81	4.83 16.14 36.72	3.34 9.90 21.68	5.07 5.07 5.07	6.54 6.54 6.54	4.23 4.23 4.23	A B	341.7 92	20.06 0.65						
22452-2306	1	F C B	A 112331 B 112331	9.158 0.007 12.862 0.212		9.890 0.024 9.070 0.019		341.292 500 60 341.293 266 98	-23.105 704 39 -23.104 747 43	16.82 16.82	145.46 145.46	-110.00 -110.00	1.70 61.52	1.30 45.37	1.84 1.84	2.00 2.00	1.28 1.28	A	36	4.28						
22453-0939	1	F C B	A 112346 B 112346	7.492 0.006 10.569 0.094		7.678 0.008 11.042 0.073	7.425 0.009 10.204 0.059	341.336 609 72 341.339 334 83	-9.644 508 92 -9.643 031 75	11.82 11.82	19.04 19.04	-11.80 -11.80	1.19 27.40	0.84 19.10	1.20 1.20	1.60 1.60	0.98 0.98	A	61.2	11.04						
22454+5129	1	F CA	A 112348 B 112348	9.189 0.060 9.347 0.069				341.342 642 86 341.342 633 95	+51.488 580 36 +51.488 525 61	2.16 2.16	2.56 2.56	0.15 0.15	3.50 4.00	6.45 6.07	0.94 0.94	0.67 0.67	0.72 0.72	A	186	0.198						
22455+1112	1	F CA	A 112354 B 112354	10.221 0.020 11.432 0.060		11.534 0.099 10.123 0.043		341.366 087 98 341.366 018 08	+11.192 340 59 +11.193 003 86	24.37 24.37	13.82 13.82	-162.90 -162.90	2.99 15.11	2.54 13.12	3.30 3.30	2.96 2.96	2.92 2.92	A	354.1	2.40						
22455+3359	1	F CA	A 112360 B 112360	10.441 0.008 10.992 0.013		10.294 0.036 10.409 0.061	9.735 0.031 9.901 0.055	341.380 581 15 341.380 151 96	+33.986 215 10 +33.986 652 67	4.08 4.08	-6.44 -6.44	-20.90 -20.90	2.31 5.65	2.07 4.16	2.92 2.92	2.82 2.82	2.05 2.05	A	320.9	2.030						
22455-2123	1	F C B	A 112357 B 112357	11.155 0.187 11.316 0.217				341.367 532 10 341.367 469 18	-21.389 356 39 -21.389 380 08	7.71 7.71	10.40 10.40	3.46 3.46	28.34 24.32	25.67 20.59	2.49 2.49	2.35 2.35	1.75 1.75	A	248	0.23						
22457+2924	1	F CA	A 112386 B 112386	9.082 0.006 9.670 0.011				341.433 771 11 341.433 636 92	+29.394 815 42 +29.394 849 95	1.18 1.18	-8.90 -8.90	-28.35 -28.35	1.78 3.35	1.71 4.68	2.11 2.11	1.56 1.56	1.48 1.48	A	286	0.439						
22457+4523	1	F CA	A 112379 C 112379	10.770 0.019 12.577 0.099				341.414 911 61 341.414 965 87	+45.389 691 40 +45.389 797 98	24.47 24.47	332.22 332.22	74.17 74.17	2.89 21.79	3.72 27.54	3.45 3.45	2.12 2.12	2.23 2.23	A	20	0.41						
22460+2142	1	F CA	A 112401 B 112401	9.501 0.262 9.909 0.381				341.504 976 02 341.505 010 60	+21.701 945 96 +21.701 929 84	4.32 4.32	54.01 54.01	-8.03 -8.03	16.04 19.48	9.19 16.19	1.17 1.17	1.09 1.09	0.93 0.93	A	117	0.13						
22463+3319	1	F ND	D A 112422 B 112422	10.589 0.214 12.018 0.798				341.577 613 17 341.577 666 58	+33.320 768 61 +33.320 784 68	15.11 15.11	149.86 149.86	29.52 29.52	11.31 80.94	7.32 36.90	1.59 1.59	1.55 1.55	1.21 1.21	A	70	0.17						
22465+5941	1	F C B	A 112437 B 112437	9.202 0.006 12.707 0.146		9.472 0.017 9.146 0.019		341.627 680 54 341.624 614 69	+59.684 692 16 +59.686 860 87	1.42 1.42	15.01 15.01	1.23 1.23	1.09 35.04	1.06 37.62	1.14 1.14	1.27 1.27	1.07 1.07	A	324.5	9.59						
22467-4656	1	I CA	A 112449 B 112450	6.684 0.003 10.209 0.075		6.960 0.005 10.726 0.050	6.632 0.005 9.903 0.038	341.681 812 67 341.684 479 70	-46.939 478 90 -46.941 734 16	13.51 8.65	52.38 44.37	13.61 16.00	1.11 35.43	0.92 23.52	1.05 11.79	1.13 22.77	0.94 16.41	A	141.1	10.44	0.0	-0.01				
22468-4232	1	F CA	A 112459 B 112459	8.361 0.006 11.512 0.104		9.620 0.022 8.303 0.013		341.702 297 13 341.702 388 37	-42.533 077 12 -42.532 149 40	4.54 4.54	9.36 9.36	-18.56 -18.56	1.45 38.70	1.12 23.33	1.58 1.58	1.75 1.75	1.34 1.34	A	4	3.35						
22468-4819	1	F CA	A 112458 B 112458	8.542 0.005 9.665 0.014		9.648 0.034 10.201 0.053	8.462 0.022 9.361 0.043	341.701 725 63 341.701 745 20	-48.314 916 89 -48.313 737 65	8.05 8.05	48.75 48.75	-22.67 -22.67	1.47 4.65	1.21 4.05	1.74 1.74	1.26 1.26	1.17 1.17	A	0.6	4.246						
22470+4446	1	F CA	B 112477 A 112477	9.083 0.007 9.181 0.007				341.747 315 18 341.747 483 65	+44.772 956 27 +44.773 208 19	2.81 2.81	6.60 6.60	-4.70 -4.70	1.70 2.64	1.91 2.93	2.54 2.54	1.67 1.67	1.76 1.76	B	25.4	1.004						



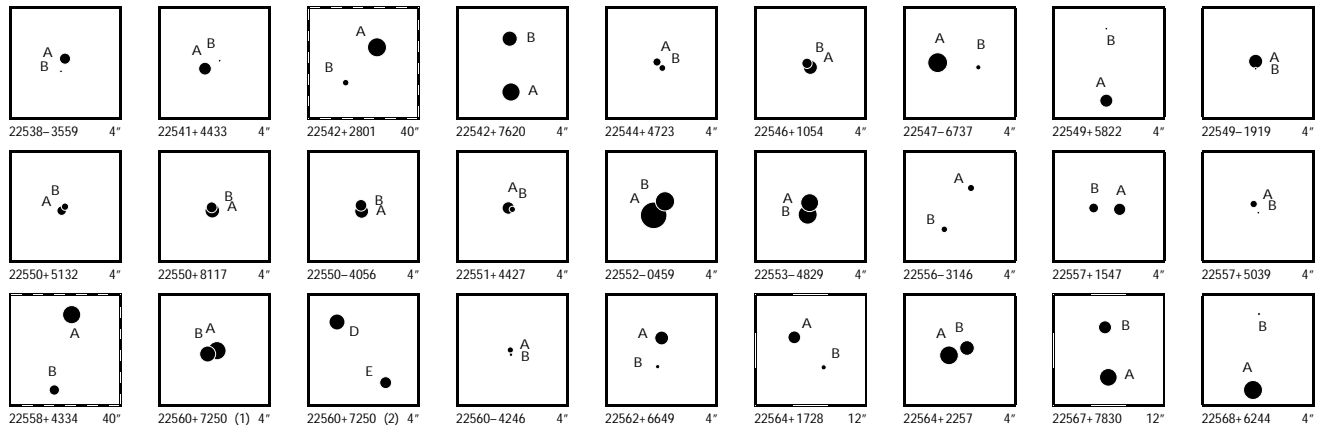
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22473+5323	1	F	CA	A 112500 B 112500	6.948 10.481	0.003 0.063					341.828 740 74 341.828 785 36	+53.381 845 69 +53.381 641 16	6.92 6.92	-14.85 -14.85	-16.33 -16.33	0.53 14.42	0.57 12.69	0.67 0.67	0.54 0.54	0.59 0.59	A 173		0.74		
22473-1609	1	L	CA	A 112504 B 112504	7.604 9.840	0.006 0.044	8.280	0.012	7.521	0.010	341.835 525 66 341.835 160 81	-16.146 229 08 -16.145 561 49	29.51 29.51	366.43 353.09	-55.29 -69.57	1.65 13.56	1.06 7.04	1.44 1.44	1.65 8.25	1.03 5.44	A 332.3	2.71	-0.4	-0.01	
22475-6928	1	F	CA	A 112525 B 112525	7.387 8.090	0.095 0.182					341.884 813 60 341.884 708 38	-69.474 555 43 -69.474 546 91	7.79 7.79	-24.16 -24.16	20.48 20.48	7.05 9.46	3.52 6.54	0.62 0.62	0.52 0.52	0.42 0.42	A 283		0.136		
22476-2310	1	F	CB	A 112537 B 112537	8.969 12.199	0.007 0.138	9.492	0.019	8.902	0.018	341.906 250 49 341.905 168 59	-23.172 291 66 -23.172 790 92	11.83 11.83	25.95 25.95	-12.90 -12.90	1.84 49.63	1.29 37.77	2.03 2.03	2.18 2.18	1.44 1.44	A 243.3		4.01		
22477-5430	1	F	CA	A 112549 B 112549	8.534 10.778	0.006 0.045	9.118	0.012	8.442	0.010	341.934 752 44 341.932 693 33	-54.496 706 18 -54.496 629 72	13.53 13.53	12.36 12.36	42.84 42.84	1.06 8.65	1.10 11.98	1.52 1.52	1.25 1.25	1.03 1.03	A 273.7		4.31		
22478-0413	1	L	CA	A 112559 B 112559	7.414 7.728	0.005 0.006	8.011	0.014	7.306	0.011	341.959 589 60 341.959 014 85	-4.228 275 11 -4.228 077 66	31.94 31.94	-206.00 -184.34	-311.74 -294.66	1.74 3.16	1.52 2.62	1.66 1.66	1.63 2.21	1.39 2.33	A 289.0	2.182	+0.6	-0.015	
22478-3004	1	F	CA	A 112553 B 112553	10.699 12.603	0.014 0.077					341.946 399 67 341.946 715 62	-30.068 770 22 -30.068 896 67	2.03 2.03	13.05 13.05	-6.34 -6.34	3.56 34.65	1.88 14.28	2.46 2.46	3.00 3.00	1.79 1.79	A 115		1.08		
22479-5705	1	F	CA	A 112561 B 112561	9.608 9.851	0.079 0.099					341.963 620 10 341.963 715 58	-57.090 662 09 -57.090 642 44	4.53 4.53	58.03 58.03	-53.25 -53.25	7.82 8.40	4.63 6.37	1.35 1.35	0.80 0.80	0.80 0.80	A 69		0.200		
22484-4515	1	F	CA	A 112602 B 112602	9.348 9.776	0.012 0.017	9.466	0.018	8.961	0.018	342.088 191 64 342.088 497 64	-45.248 834 13 -45.248 580 19	5.69 5.69	-41.22 -41.22	-5.87 -5.87	2.89 6.22	1.97 5.42	2.64 2.64	3.44 3.44	2.01 2.01	A 40.3		1.20		
22485+3106	1	F	CA	A 112611 B 112611	7.843 8.787	0.032 0.076					342.114 152 50 342.114 218 88	+31.100 697 25 +31.100 690 88	3.06 3.06	-10.88 -10.88	-6.13 -6.13	3.58 7.09	3.19 8.13	1.04 1.04	0.79 0.79	0.76 0.76	A 96		0.206		
22485-0435	1	F	CA	A 112617 B 112617	8.304 10.714	0.005 0.047					342.127 859 79 342.127 862 38	-4.575 510 45 -4.575 402 46	3.58 3.58	14.57 14.57	-5.43 -5.43	1.47 13.45	1.30 9.31	1.30 1.30	1.55 1.55	0.98 0.98	A 1		0.39		
22485-0536	1	F	ND	A 112621 C 112621	9.502 13.257	0.008 0.241	10.007	0.026	9.432	0.026	342.136 792 23 342.137 532 75	-5.593 498 33 -5.593 664 89	11.96 11.96	-186.83 -186.83	15.59 15.59	1.75 90.68	1.08 51.04	1.64 1.64	2.56 2.56	1.34 1.34	A 103		2.72		
22487+3818	1	I	CA	A 112628 B 112627	8.953 10.426	0.018 0.056	10.402	0.030	8.906	0.016	342.165 622 06 342.165 087 90	+38.304 788 46 +38.299 704 94	0.92 -2.22	27.33 5.28	-1.41 -16.11	2.69 20.42	2.32 18.66	2.71 9.98	2.87 15.94	2.57 14.88	A 184.71	18.36	+0.06	+0.02	
22489-2029	1	F	CC	A 112650 B 112650	10.723 12.393	0.112 0.523					342.223 842 29 342.223 772 57	-20.483 937 38 -20.483 976 57	8.29 8.29	202.66 202.66	43.09 43.09	11.27 73.32	6.36 39.80	2.44 2.44	2.19 2.19	1.67 1.67	A 239		0.27		
22490+6834	1	L	CA	A 112670 B 112670	6.982 7.107	0.004 0.004	7.349	0.007	6.887	0.008	342.252 834 76 342.255 687 59	+68.570 063 92 +68.570 740 94	16.01 16.01	117.30 121.21	67.39 75.20	1.00 1.87	0.95 2.01	0.89 0.89	0.96 1.60	0.72 1.24	A 56.99	4.474	-0.06	+0.008	
22491+0521	1	F	CA	A 112683 B 112683	10.998 12.060	0.028 0.073	11.505	0.084	10.800	0.076	342.274 932 30 342.275 185 27	+5.343 069 92 +5.343 727 43	2.72 2.72	46.74 46.74	-9.04 -9.04	6.34 32.27	4.31 19.82	6.38 6.38	8.54 8.54	5.45 5.45	A 21		2.53		
22491-5536	1	F	ND	A 112676 B 112676	11.321 13.427	0.032 0.219	12.299	0.187	11.156	0.109	342.263 878 12 342.263 784 76	-55.606 313 21 -55.606 599 56	7.12 7.12	192.00 192.00	-137.18 -137.18	3.23 49.10	3.31 54.18	4.11 4.11	3.87 3.87	3.20 3.20	A 190		1.05		
22493+1517	1	F	CA	A 112695 B 112695	8.691 11.027	0.041 0.349					342.322 122 76 342.322 103 36	+15.275 704 75 +15.275 764 50	10.05 10.05	-9.77 -9.77	-48.11 -48.11	3.48 26.47	5.12 28.11	1.47 1.47	1.21 1.21	1.19 1.19	A 343		0.23		
22496+6633	1	F	CA	A 112717 B 112717	7.276 8.705	0.004 0.014	7.296	0.008	7.261	0.007	342.400 853 59 342.400 988 98	+66.553 868 54 +66.554 614 57	4.03 4.03	8.51 8.51	-0.85 -0.85	0.81 3.82	0.74 3.57	0.81 0.81	0.94 0.94	0.73 0.73	A 4.1		2.693		
22497+3119	1	F	CA	A 112723 B 112723	9.044 9.076	0.007 0.007	9.374	0.024	8.951	0.025	342.420 709 10 342.421 910 22	+31.311 446 14 +31.310 896 79	8.29 8.29	-4.22 -4.22	-13.21 -13.21	2.50 3.82	2.00 2.85	2.62 2.62	2.17 2.17	1.71 1.71	A 118.2		4.190		
22497+4031	1	F	CA	A 112722 B 112722	8.222 8.345	0.008 0.008	8.735	0.018	8.094	0.016	342.422 624 12 342.420 705 59	+40.515 320 24 +40.515 061 36	13.11 13.11	1.04 1.04	-38.75 -38.75	2.29 4.80	1.68 3.14	2.36 2.36	2.41 2.41	1.57 1.57	A 259.94		5.33		
22498-7112	1	F	CA	A 112729 B 112729	9.689 11.608	0.009 0.054	10.192	0.023	9.565	0.021	342.438 221 31 342.439 234 11	-71.199 208 85 -71.199 103 15	4.85 4.85	-7.64 -7.64	-21.77 -21.77	1.36 12.58	1.39 9.47	1.58 1.58	1.30 1.30	1.30 1.30	A 72.1		1.24		
22499+6119	1	F	CA	A 112737 B 112737	10.479 10.656	0.009 0.011					342.475 707 79 342.476 156 82	+61.309 925 45 +61.309 830 21	-1.25 -1.25	-4.95 -4.95	-0.78 -0.78	3.63 5.20	2.77 4.85	3.25 3.25	4.72 4.72	3.57 3.57	A 113.8		0.848		
22500+7209	1	F	CA	A 112749 B 112749	8.575 11.044	0.034 0.330					342.503 415 34 342.503 624 79	+72.145 035 70 +72.145 033 79	2.33 2.33	-8.91 -8.91	-2.02 -2.02	4.75 30.90	2.49 24.17	0.95 0.95	0.96 0.96	0.93 0.93	A 92		0.23		
22500-3248	1	L	CA	A 112746 S 112746	7.119 7.229	0.136 0.150					342.496 849 90 342.496 863 63	-32.805 416 47 -32.805 381 67	14.29 14.29	-29.46 -40.21	-40.91 -4.29	12.25 12.99	9.32 8.97	0.88 0.88	5.67 6.21	3.53 3.55	A 18	0.132	-9	+0.031	
22502+1810	1	F	CA	A 112765 B 112765	9.460 12.666	0.009 0.168					342.557 078 60 342.557 246 46	+18.163 556 36 +18.163 614 44	5.16 5.16	-16.90 -16.90	-9.77 -9.77	1.97 52.81	1.37 32.69	1.96 1.96	1.87 1.87	1.78 1.78	A 70		0.61		
22504+4157	1	F	CA	A 112778 B 112778	5.987 9.360	0.004 0.073					342.590 701 73 342.590 732 81	+41.953 403 25 +41.953 508 35	3.00 3.00	8.28 8.28	-3.93 -3.93	0.57 14.73	0.72 13.00	0.75 0.75	0.42 0.42	0.54 0.54	A 12		0.39		



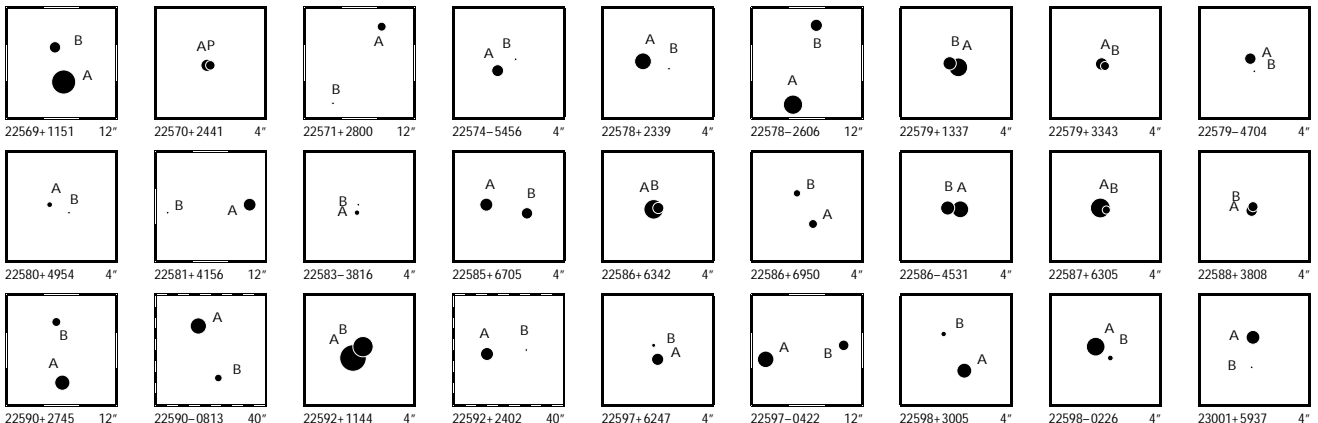
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22504-7840	1	LND	D	A 112783 B 112777	9.772 0.040 11.889 0.255	10.608 0.031	9.637 0.022	342.602 134 63 342.589 356 09	-78.674 302 00 -78.678 361 23	4.78 4.78	-0.18 -14.82 162.53 -64.32	3.08 3.21 3.01 3.57 2.87 60.85 59.48 3.01 43.45 33.92	A	211.7	17.18	-0.5	-0.04									
22507+5107	1	FCA	A	B 112805 A 112805	8.760 0.005 9.632 0.010	8.709 0.011	8.636 0.014	342.668 747 79 342.668 983 92	+51.116 069 62 +51.116 568 52	2.00 2.00	-1.12 -6.07 -1.12 -6.07	1.21 1.48 1.70 1.27 1.32 4.18 4.12 1.70 1.27 1.32	B	16.5	1.874											
22508-3113	1	FCA	A	B 112815 B 112815	11.024 0.012 11.138 0.013	11.287 0.076	10.740 0.072	342.695 096 20 342.695 942 50	-31.216 109 81 -31.215 675 99	3.03 3.03	-21.92 -4.61 -21.92 -4.61	6.84 3.52 5.12 7.31 3.49 11.96 7.78 5.12 7.31 3.49	A	59.1	3.04											
22508-6543	1	FCC	A	B 112816 B 112816	8.785 0.208 10.455 0.966			342.696 463 34 342.696 365 58	-65.714 378 35 -65.714 388 84	26.17 26.17	117.32 83.25 117.32 83.25	12.72 6.96 0.94 0.79 0.69 71.39 24.02 0.94 0.79 0.69	A	255	0.15											
22511+4405	1	FCA	A	B 112836 B 112836	9.680 0.009 12.391 0.102	9.702 0.020	9.613 0.026	342.769 763 48 342.768 952 80	+44.084 905 57 +44.085 949 21	1.94 1.94	5.87 -3.44 5.87 -3.44	1.57 1.54 2.18 1.65 1.65 31.30 25.18 2.18 1.65 1.65	A	330.8	4.30											
22514+2623	1	LCA	A	B 112871 B 112871	7.677 0.006 7.860 0.007			342.861 080 97 342.861 142 88	+26.391 007 69 +26.391 105 91	6.89 6.89	-2.89 4.33 -5.77 11.69	2.12 1.63 1.62 1.42 1.48 2.72 1.91 1.62 2.13 1.85	A	29.5	0.406	-0.9	+0.005									
22514+6142	1	LCA	A	B 112864 B 112864	6.107 0.003 7.170 0.008	6.897 0.028	5.924 0.020	342.843 784 64 342.842 944 67	+61.696 638 51 +61.696 754 35	14.34 14.34	97.14 41.95 103.84 31.19	0.74 0.79 0.76 0.70 0.78 3.58 3.18 0.76 2.29 1.95	A	286.2	1.493	-0.3	-0.009									
22514-5733	1	FCA	A	B 112865 B 112865	10.080 0.009 10.691 0.015	10.329 0.018	9.920 0.019	342.844 763 70 342.845 383 27	-57.557 687 08 -57.559 776 35	6.04 6.04	15.95 5.63 15.95 5.63	1.96 2.27 3.67 1.75 1.86 5.78 5.73 3.67 1.75 1.86	A	170.96	7.62											
22518+4119	1	FCA	C	B 112901 D 112901	8.160 0.006 11.248 0.093	8.206 0.008	8.103 0.009	342.944 187 54 342.945 415 33	+41.333 991 31 +41.332 943 26	4.01 4.01	7.35 -6.47 7.35 -6.47	0.92 1.04 1.45 0.87 0.97 20.01 24.89 1.45 0.87 0.97	C	138.7	5.02											
22518-3553	1	FCA	A	B 112898 B 112898	7.547 0.004 10.946 0.093	7.725 0.006	7.496 0.007	342.940 262 20 342.938 582 42	-35.888 554 36 -35.888 419 48	8.58 8.58	46.36 -14.15 46.36 -14.15	1.04 0.85 1.18 1.12 0.96 37.58 22.88 1.18 1.12 0.96	A	275.7	4.92											
22518-4647	1	LCA	A	B 112908 B 112908	9.570 0.009 9.737 0.010	10.071 0.033	9.305 0.031	342.963 270 96 342.963 026 92	-46.776 895 52 -46.776 396 28	23.18 23.18	-2.03 -50.95 11.27 -35.39	2.88 2.81 2.78 2.92 2.37 5.31 4.61 2.78 5.52 4.71	A	340.1	1.912	+0.5	+0.010									
22520+5743	1	LCA	A	B 112915 B 112915	8.589 0.004 9.440 0.009			343.002 724 77 343.002 847 26	+57.717 444 23 +57.717 229 54	41.17 41.17	-93.06 -219.50 -84.70 -197.99	1.38 1.26 1.35 1.27 1.22 4.38 3.15 1.35 3.44 2.56	A	163.1	0.808	-1.0	-0.018									
22522-6311	1	FCA	A	B 112924 B 112924	6.398 0.002 8.992 0.021			343.041 581 92 343.041 405 86	-63.188 568 25 -63.188 344 31	8.13 8.13	26.40 -40.68 26.40 -40.68	0.49 0.49 0.65 0.51 0.47 6.04 5.62 0.65 0.51 0.47	A	340.5	0.86											
22524-2143	1	FCA	A	B 112936 B 112936	8.950 0.009 9.053 0.009	9.238 0.016	8.823 0.018	343.099 113 21 343.098 273 95	-21.708 163 30 -21.708 049 25	8.13 8.13	35.18 -22.52 35.18 -22.52	2.43 1.84 3.12 2.79 2.44 3.77 3.00 3.12 2.79 2.44	A	278.3	2.837											
22525-3253	1	FCA	A	B 112948 B 112948	4.503 0.003 8.200 0.083	4.453 0.003	4.497 0.003	343.131 491 28 343.130 164 78	-32.875 450 19 -32.875 687 80	14.67 14.67	-33.32 -22.15 -33.32 -22.15	0.81 0.59 0.81 0.94 0.69 24.40 16.04 0.81 0.94 0.69	A	258.0	4.10											
22526+6759	1	FCC	A	B 112970 D 112970	7.110 0.005 10.792 0.157			343.175 659 65 343.175 537 82	+67.990 011 47 +67.990 104 64	17.27 17.27	78.49 63.42 78.49 63.42	0.98 1.16 0.68 0.67 0.61 29.89 21.89 0.68 0.67 0.61	A	334	0.37											
22527-0238	1	FCA	A	B 112967 B 112967	7.956 0.004 10.995 0.065			343.166 787 71 343.166 952 64	-2.625 881 55 -2.625 967 42	3.23 3.23	23.72 5.72 23.72 5.72	1.21 0.78 1.16 1.30 0.98 19.89 16.59 1.16 1.30 0.98	A	118	0.67											
22528+6055	1	FCA	A	B 112972 B 112972	7.653 0.006 10.163 0.053	8.186 0.012	7.617 0.008	343.190 855 44 343.194 081 41	+60.916 307 34 +60.914 584 40	3.89 3.89	-5.33 -11.10 -5.33 -11.10	0.88 0.94 0.98 1.11 1.06 9.57 9.84 0.98 1.11 1.06	A	137.7	8.39											
22532+5009	1	FCA	A	B 113006 B 113006	10.009 0.010 12.540 0.095	10.209 0.024	9.971 0.030	343.292 215 14 343.290 256 32	+50.150 486 67 +50.150 901 96	1.44 1.44	-7.34 -4.65 -7.34 -4.65	1.47 1.59 2.06 1.42 1.47 24.27 21.79 2.06 1.42 1.47	A	288.3	4.76											
22532-1102	1	FCC	A	B 113014 B 113014	9.402 0.086 12.573 1.590			343.309 742 03 343.309 706 49	-11.040 433 45 -11.040 492 95	1.81 1.81	12.05 -25.22 12.05 -25.22	3.92 13.00 2.23 2.85 2.25 130.93 97.88 2.23 2.85 2.25	A	210	0.25											
22532-3750	1	FCC	A	B 113010 C 113010	9.532 0.014 13.585 0.583			343.298 695 70 343.298 643 86	-37.839 010 53 -37.838 850 01	21.08 21.08	118.58 -66.10 118.58 -66.10	1.90 2.74 2.10 1.82 1.60 101.57 98.51 2.10 1.82 1.60	A	346	0.60											
22533+6209	1	FCA	W	B 113017 B 113017	9.426 0.008 11.912 0.068	10.057 0.027	9.374 0.023	343.315 022 00 343.312 630 72	+62.145 840 12 +62.147 685 53	1.19 1.19	-0.44 -4.37 -0.44 -4.37	1.49 1.53 1.71 1.57 1.69 22.71 22.30 1.71 1.57 1.69	A	328.8	7.77											
22534-0906	1	FCC	A	B 113026 B 113026	9.775 0.011 12.989 0.203	10.976 0.054	9.733 0.031	343.354 131 51 343.354 356 74	-9.092 813 44 -9.092 565 25	31.02 31.02	247.29 12.53 247.29 12.53	2.20 1.46 2.20 2.30 1.81 72.70 51.62 2.20 2.30 1.81	A	42	1.20											
22536+5242	1	FCA	A	B 113038 B 113038	8.460 0.005 11.411 0.072			343.393 725 83 343.393 516 84	+52.698 336 51 +52.698 442 25	0.84 0.84	-2.28 -2.78 -2.28 -2.78	1.01 1.00 1.11 0.89 0.80 15.18 19.05 1.11 0.89 0.80	A	310	0.59											
22536-0607	1	FCA	A	B 113045 B 113045	8.496 0.005 11.564 0.086	9.780 0.020	8.442 0.012	343.407 812 76 343.405 259 40	-6.108 743 11 -6.109 663 37	2.18 2.18	-8.33 -1.12 -8.33 -1.12	1.58 1.05 1.64 2.19 1.26 41.79 23.19 1.64 2.19 1.26	A	250.1	9.72											
22537+2558	1	FCA	A	B 113055 B 113055	10.975 0.136 11.710 0.267			343.432 637 65 343.432 609 51	+25.966 799 52 +25.966 842 62	7.43 7.43	19.64 -39.31 19.64 -39.31	6.49 8.88 1.62 1.07 1.17 15.84 22.44 1.62 1.07 1.17	A	330	0.18											
22537+4445	1	LCA	A	B 113048 B 113048	6.034 0.002 7.834 0.009			343.417 328 10 343.417 109 90	+44.749 201 48 +44.748 987 61	19.22 19.22	-2.97 -15.72 -10.28 -4.22	0.52 0.54 0.68 0.42 0.45 3.64 3.71 0.68 1.85 1.89	A	215.9	0.951	+0.8	-0.005									



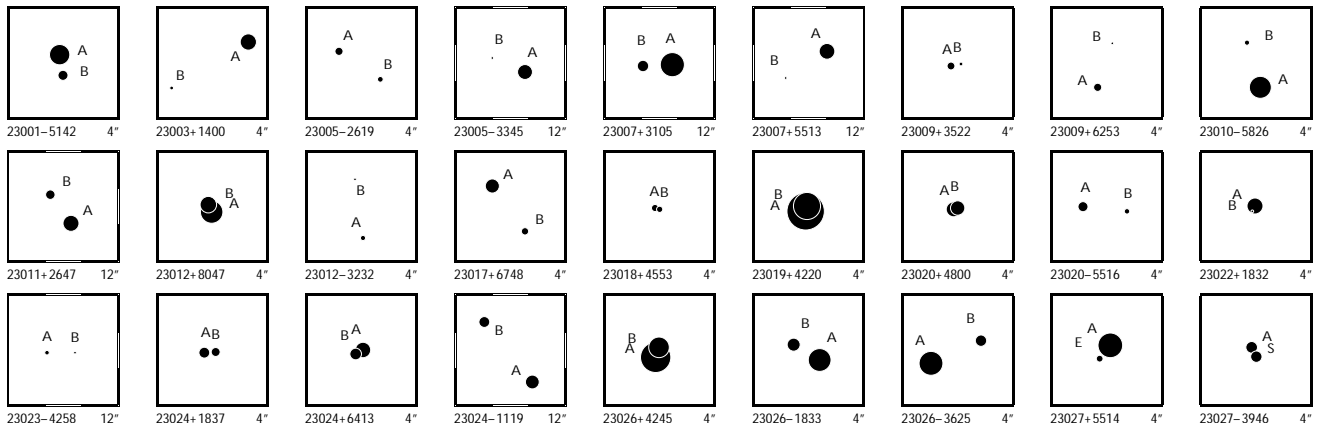
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22538-3559	1	F CA	A 113058 B 113058	9.561 11.571	0.007 0.045						343.440 148 05 -35.986 825 95 343.440 192 62 -35.986 954 65	0.85 0.85	-12.54 -12.54	-4.94 -4.94	1.74 1.68 1.81 1.73 1.43 12.46 11.52 1.81 1.73 1.43							A 164	0.48		
22541+4433	1	F ND	A 113081 B 113081	9.157 12.706	0.007 0.165						343.523 805 67 +44.546 006 46 343.523 591 19 +44.546 088 34	3.49 3.49	0.83 0.83	-6.28 -6.28	1.16 1.23 1.60 1.01 1.10 44.27 43.54 1.60 1.01 1.10							A 298	0.62		
22542+2801	1	F CA	A 113092 B 113092	7.826 10.543	0.007 0.079	8.276 0.006 11.467 0.060	7.740 0.006 10.470 0.039				343.547 540 55 -28.016 602 83 343.551 229 90 +28.013 015 00	14.18 14.18	-63.44 -63.44	-38.22 -38.22	0.93 0.76 1.29 0.94 1.17 28.83 20.14 1.29 0.94 1.17							A 137.8	17.44		
22542+7620	1	F CA	A 113096 B 113096	7.960 8.636	0.004 0.007	7.971 0.018	7.830 0.024				343.561 912 44 +76.338 100 00 343.561 943 89 +76.338 646 69	7.36 7.36	58.75 58.75	-11.10 -11.10	0.97 1.02 0.99 1.09 1.15 3.08 2.12 0.99 1.09 1.15							A 0.8	1.968		
22544+4723	1	F CA	A 113111 B 113111	10.208 10.484	0.030 0.038						343.588 349 28 +47.387 285 47 343.588 261 14 +47.387 225 95	3.08 3.08	13.75 13.75	-2.36 -2.36	3.20 3.35 1.94 1.33 1.41 5.59 5.94 1.94 1.33 1.41							A 225	0.303		
22546+1054	1	F CA	A 113134 B 113134	8.900 9.691	0.093 0.193						343.654 571 03 +10.897 973 24 343.654 604 24 +10.898 019 72	5.12 5.12	21.05 21.05	-7.28 -7.28	10.21 6.96 1.40 1.49 1.20 22.69 12.13 1.40 1.49 1.20							A 35	0.20		
22547-6737	1	F CA	A 113138 B 113138	7.612 10.833	0.005 0.090	7.919 0.007	7.550 0.007				343.665 824 62 -67.612 026 80 343.664 716 97 -67.612 076 30	8.67 8.67	60.21 60.21	-39.35 -39.35	0.80 0.74 0.95 0.85 0.69 19.75 19.61 0.95 0.85 0.69							A 263	1.53		
22549+5822	1	F CB	A 113158 B 113158	9.098 12.418	0.010 0.214	9.318 0.015	9.025 0.016				343.720 471 33 +58.365 369 00 343.720 478 21 +58.366 104 14	2.55 2.55	26.75 26.75	-8.24 -8.24	1.61 1.41 1.72 1.75 1.72 46.68 43.70 1.72 1.75 1.72							A 0	2.65		
22549-1919	1	F CB	A 113163 B 113163	8.858 11.678	0.024 0.316						343.737 119 29 -19.311 859 86 343.737 113 61 -19.311 931 64	7.16 7.16	55.12 55.12	-50.55 -50.55	7.27 4.60 2.57 2.62 2.11 91.05 40.03 2.57 2.62 2.11							A 184	0.26		
22550+5132	1	F CA	A 113166 B 113166	9.913 10.363	0.169 0.256						343.747 999 10 -51.525 523 01 343.747 945 13 +51.525 558 46	3.18 3.18	16.12 16.12	-4.07 -4.07	10.53 11.11 1.29 0.95 0.98 16.91 17.66 1.29 0.95 0.98							A 317	0.18		
22550+8117	1	F CA	A 113165 B 113165	8.773 9.611	0.206 0.445						343.748 255 78 +81.291 194 63 343.748 335 98 +81.291 228 38	3.31 3.31	-0.90 -0.90	-8.85 -8.85	5.61 12.42 0.67 0.74 0.64 15.44 23.97 0.67 0.74 0.64							A 20	0.13		
22550-4056	1	F CA	A 113171 B 113171	8.917 9.413	0.038 0.061						343.750 205 99 -40.926 397 62 343.750 217 27 -40.926 335 76	6.51 6.51	11.65 11.65	14.90 14.90	3.33 4.54 1.24 1.15 1.09 6.83 6.49 1.24 1.15 1.09							A 8	0.225		
22551+4427	1	F CB	A 113175 B 113175	9.225 10.643	0.132 0.489						343.762 910 37 +44.457 582 20 343.762 854 65 +44.457 563 12	5.11 5.11	12.61 12.61	-12.23 -12.23	7.38 6.21 1.18 0.77 0.73 38.93 25.06 1.18 0.77 0.73							A 244	0.16		
22552-0459	1	F CA	A 113184 B 113184	6.106 7.761	0.002 0.008						343.795 601 12 -4.987 878 12 343.795 480 52 -4.987 731 43	11.13 11.13	29.13 29.13	-8.54 -8.54	1.03 0.63 0.95 1.30 0.71 3.35 1.89 0.95 1.30 0.71							A 320.7	0.683		
22553-4829	1	L CA	B 113191 A 113191	7.791 8.029	0.006 0.008						343.818 108 12 -48.465 946 07 343.818 086 55 -48.465 820 36	21.58 21.58	-226.19 -221.70	60.52 48.71	2.16 1.83 1.70 1.13 1.31 3.01 2.36 1.70 1.67 1.60							B 353.5	0.455 +0.4	-0.012	
22556-3146	1	F CB	A 113213 B 113213	10.469 10.570	0.017 0.019	10.505 0.070 10.591 0.078	9.781 0.040 9.874 0.044				343.900 537 66 -31.761 662 06 343.900 862 83 -31.762 079 38	15.62 15.62	-34.49 -34.49	-29.40 -29.40	5.56 3.62 4.67 6.39 3.92 10.02 6.88 4.67 6.39 3.92							A 146.5	1.802		
22557+1547	1	L CA	A 113220 B 113220	9.278 9.857	0.007 0.011						343.930 940 76 +15.779 249 47 343.931 218 22 +15.779 269 79	14.64 14.64	119.97 129.18	27.53 33.14	2.30 1.89 2.29 1.91 2.31 5.11 4.73 2.29 3.38 4.06							A 85.6	0.964 -0.3	+0.010	
22557+5039	1	F CA	A 113223 B 113223	10.356 11.560	0.039 0.118						343.936 334 58 +50.651 315 38 343.936 259 99 +50.651 228 18	3.56 3.56	1.28 1.28	-0.41 -0.41	3.79 5.59 2.35 1.59 1.98 14.30 16.81 2.35 1.59 1.98							A 208	0.36		
22558+4334	1	IND	A 113226 B 113226	8.001 9.747	0.006 0.022	8.030 0.008 9.762 0.025	7.979 0.009 9.645 0.032				343.946 102 10 +43.559 299 84 343.948 586 26 +43.551 636 24	4.01 7.06	-0.33 1.49	-4.29 -0.37	1.37 1.39 1.61 1.42 1.40 7.18 7.20 5.97 4.69 5.04							A 166.78	28.340 -0.01	-0.003	
22560+7250	1	F CA	A 113273 B 113273	7.983 8.472	0.008 0.012						344.054 694 57 +72.837 355 49 344.055 031 45 +72.837 320 41	5.58 5.58	2.83 2.83	-8.61 -8.61	1.51 1.21 0.99 1.02 0.92 2.75 2.52 0.99 1.02 0.92							A 109	0.379		
	2	F CA	D 113225 E 113225	8.458 9.335	0.005 0.011	8.440 0.013 9.363 0.020	8.389 0.014 9.117 0.028				343.944 388 11 +72.843 228 21 343.942 661 00 +72.842 613 10	4.14 4.14	18.82 18.82	9.95 9.95	1.05 1.01 1.06 1.08 1.01 3.60 4.32 1.06 1.08 1.01							D 219.6	2.875		
22560-4246	1	F CA	A 113248 B 113248	10.631 11.202	0.245 0.415						343.991 332 27 -42.760 964 42 343.991 328 52 -42.761 008 00	8.72 8.72	58.42 58.42	-23.35 -23.35	10.77 17.27 1.72 1.70 1.46 18.22 32.34 1.72 1.70 1.46							A 184	0.16		
22562+6649	1	F CA	A 113267 B 113267	8.929 11.059	0.007 0.043	9.037 0.014	8.826 0.016				344.044 541 98 +66.820 351 13 344.044 646 31 +66.820 062 63	1.66 1.66	-8.22 -8.22	-3.91 -3.91	1.19 1.11 1.21 1.43 1.29 10.99 10.69 1.21 1.43 1.29							A 172	1.05		
22564+1728	1	F CA	A 113280 B 113280	9.205 10.880	0.006 0.028	10.275 0.037	9.117 0.023				344.097 961 43 +17.452 842 55 344.097 015 40 +17.451 931 91	31.07 31.07	211.33 211.33	-184.75 -184.75	1.86 1.39 2.07 1.91 1.85 11.09 7.61 2.07 1.91 1.85							A 224.7	4.62		
22564+2257	1	F CA	A 113282 B 113282	7.848 8.782	0.003 0.008						344.098 653 03 +22.955 901 80 344.098 445 36 +22.955 976 44	1.90 1.90	55.37 55.37	-3.29 -3.29	1.29 0.77 1.51 1.28 1.11 4.32 3.07 1.51 1.28 1.11							A 291.3	0.739		
22567+7830	1	F CA	A 113299 B 113299	8.124 9.103	0.005 0.012	9.025 0.012 9.552 0.033	7.991 0.008 8.930 0.030				344.174 423 41 +78.495 921 47 344.174 950 63 +78.497 441 47	10.88 10.88	-130.26 -130.26	-30.53 -30.53	1.06 1.03 1.07 1.23 1.09 2.99 3.59 1.07 1.23 1.09							A 3.96	5.485		
22568+6244	1	F CA	A 113306 B 113306	7.798 11.354	0.006 0.158	8.329 0.010	7.762 0.009				344.196 621 86 +62.727 132 16 344.196 486 13 +62.727 910 26	1.20 1.20	0.53 0.53	-3.72 -3.72	0.86 0.86 0.92 0.90 0.90 25.81 24.45 0.92 0.90 0.90							A 355	2.81		



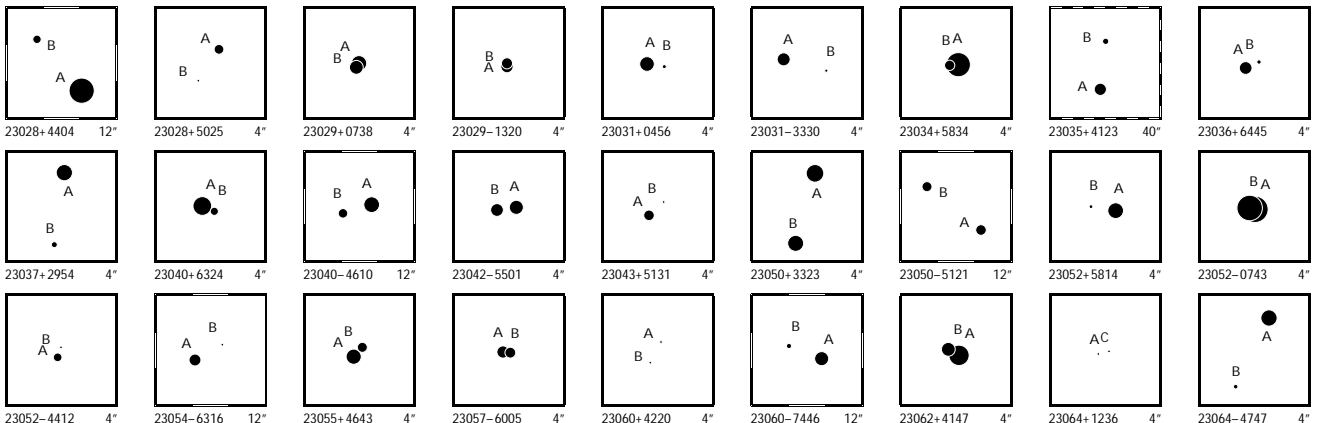
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22569+1151	1	FCA	A 113311 B 113311	6.656 0.004 9.503 0.047	6.776 0.005 9.776 0.070	6.613 0.008 9.088 0.061		344.214 320 71 +11.848 345 33 344.214 593 32 +11.849 417 62	12.26 12.26	53.09 -3.53 53.09 -3.53		0.99 0.85 1.12 1.13 1.12 10.31 11.85 1.12 1.13 1.12	A	14.0	3.98											
22570+2441	1	FND	D A 113323 P 113323	9.285 0.162 9.929 0.293				344.260 311 82 +24.682 201 88 344.260 272 53 +24.682 206 51	11.55 11.55	0.36 9.94 0.36 9.94		9.13 7.51 1.28 1.13 1.01 20.98 13.60 1.28 1.13 1.01	A	277	0.13											
22571+2800	1	FCC	A 113333 B 113333	10.030 0.015 14.041 0.578	11.497 0.075	9.982 0.029		344.279 692 22 +28.002 097 01 344.281 375 65 +27.999 698 09	34.86 34.86	351.56 -58.78 351.56 -58.78		1.66 1.58 2.45 1.70 1.93 124.98 110.80 2.45 1.70 1.93	A	148	10.16											
22574-5456	1	FND	D A 113352 B 113352	9.367 0.008 12.716 0.175				344.341 855 56 -54.939 872 22 344.341 518 04 -54.939 760 04	4.24 4.24	-17.47 4.66 -17.47 4.66		1.51 1.54 2.10 1.61 1.56 47.81 52.86 2.10 1.61 1.56	A	300	0.81											
22578+2339	1	FCC	A 113384 B 113384	8.278 0.003 12.156 0.109				344.445 019 31 +23.651 591 00 344.444 734 74 +23.651 511 75	3.99 3.99	-10.08 -23.78 -10.08 -23.78		1.22 0.81 1.42 1.21 1.17 58.70 25.73 1.42 1.21 1.17	A	253	0.98											
22578-2606	1	FCA	A 113386 B 113386	7.741 0.005 9.324 0.021	8.393 0.012	7.663 0.011		344.450 370 63 -26.107 565 15 344.449 560 88 -26.105 148 33	14.55 14.55	168.06 -280.92 168.06 -280.92		1.48 1.05 1.44 1.53 1.10 6.76 5.14 1.44 1.53 1.10	A	343.26	9.086											
22579+1337	1	FCA	A 113398 B 113398	7.876 0.016 9.075 0.048				344.484 399 72 +13.611 542 54 344.484 492 14 +13.611 575 07	10.88 10.88	74.59 43.78 74.59 43.78		2.29 1.35 1.02 1.02 0.92 6.63 4.47 1.02 1.02 0.92	A	70	0.34											
22579+3343	1	FCC	A 113393 B 113393	9.214 0.336 10.008 0.698				344.475 356 81 +33.720 571 60 344.475 315 76 +33.720 554 99	10.08 10.08	47.73 12.83 47.73 12.83		15.90 9.51 1.12 1.09 0.76 47.05 23.05 1.12 1.09 0.76	A	244	0.14											
22579-4704	1	FND	D A 113397 B 113397	9.467 0.012 13.425 0.432				344.482 908 81 -47.060 060 06 344.482 845 43 -47.060 186 87	5.83 5.83	42.36 -20.70 42.36 -20.70		1.69 1.62 1.79 1.70 1.62 127.41 103.14 1.79 1.70 1.62	A	199	0.48											
22580+4954	1	FCA	A 113403 B 113403	10.757 0.011 11.454 0.019				344.499 751 12 +49.897 992 06 344.499 446 51 +49.897 900 68	1.48 1.48	2.39 1.10 2.39 1.10		3.14 2.97 3.82 3.28 3.32 6.59 9.24 3.82 3.28 3.32	A	245	0.78											
22581+4156	1	FCA	A 113411 B 113411	9.156 0.005 11.606 0.042	9.151 0.013	9.166 0.017		344.527 827 92 +41.934 447 69 344.531 208 08 +41.934 180 29	2.96 2.96	0.41 -3.98 0.41 -3.98		0.96 1.32 1.78 0.96 1.45 11.38 13.66 1.78 0.96 1.45	A	96.1	9.10											
22583-3816	1	FCC	A 113428 B 113428	10.796 0.044 12.936 0.316				344.586 529 26 -38.270 495 32 344.586 524 44 -38.270 403 81	3.89 3.89	1.01 -27.52 1.01 -27.52		6.38 7.77 3.16 2.82 2.77 57.81 56.16 3.16 2.82 2.77	A	358	0.33											
22585+6705	1	FCA	A 113437 B 113437	9.141 0.008 9.500 0.010	9.349 0.028 9.687 0.027	8.875 0.020 9.202 0.040		344.617 722 64 +67.087 991 67 344.616 645 83 +67.087 899 49	8.19 8.19	92.85 25.98 92.85 25.98		1.50 1.48 1.52 1.80 1.66 3.53 3.54 1.52 1.80 1.66	A	257.6	1.545											
22586+6342	1	FCA	A 113443 B 113443	7.654 0.069 9.533 0.391				344.638 571 81 +63.706 749 25 344.638 463 86 +63.706 762 47	0.98 0.98	-1.50 -2.04 -1.50 -2.04		7.49 3.78 0.61 0.62 0.67 20.77 20.45 0.61 0.62 0.67	A	285	0.18											
22586+6950	1	FCA	A 113450 B 113450	10.003 0.022 10.401 0.032	9.721 0.030 10.062 0.089	9.448 0.027 9.696 0.099		344.647 862 92 +69.839 393 41 344.648 347 93 +69.839 709 08	0.45 0.45	-5.02 -2.75 -5.02 -2.75		3.27 3.03 2.99 3.70 2.91 7.44 9.64 2.99 3.70 2.91	A	27.9	1.29											
22586-4531	1	LCA	A 113454 B 113454	8.304 0.010 8.887 0.017				344.651 448 45 -45.519 456 23 344.651 633 62 -45.519 446 56	22.68 22.68	73.22 52.87 78.28 34.25		2.29 1.47 1.59 1.76 1.14 4.80 3.61 1.59 2.81 2.21	A	85.7	0.468 +2.3 +0.004											
22587+6305	1	FCC	A 113461 B 113461	7.605 0.044 10.175 0.469				344.665 841 62 +63.077 158 56 344.665 700 43 +63.077 139 27	-0.14 -0.14	-2.59 -4.14 -2.59 -4.14		6.47 4.70 1.43 1.52 1.30 41.19 51.23 1.43 1.52 1.30	A	253	0.24											
22588+3808	1	FCA	A 113472 B 113472	9.464 0.143 9.775 0.191				344.699 050 31 +38.140 893 65 344.699 035 08 +38.140 929 36	2.34 2.34	5.11 -1.07 5.11 -1.07		4.43 9.56 1.11 1.02 0.66 7.11 10.59 1.11 1.02 0.66	A	341	0.14											
22590+2745	1	FCA	A 113486 B 113486	8.655 0.004 9.999 0.013	9.059 0.010 10.344 0.033	8.568 0.010 9.753 0.029		344.743 744 12 +27.745 864 22 344.743 942 80 +27.747 734 75	7.41 7.41	10.15 -0.05 10.15 -0.05		1.04 1.04 1.57 1.05 1.20 4.83 3.89 1.57 1.05 1.20	A	5.37	6.764											
22590-0813	1	FCC	A 113488 B 113488	8.383 0.026 10.295 0.124	8.320 0.009 10.718 0.045	8.340 0.011 10.323 0.051		344.748 547 64 -8.213 313 33 344.746 530 75 -8.218 594 27	5.11 5.11	7.01 1.19 7.01 1.19		2.26 1.32 2.08 3.42 1.57 103.58 45.30 2.08 3.42 1.57	A	200.7	20.32											
22592+1144	1	LCA	A 113503 B 113503	6.094 0.003 7.528 0.010				344.799 156 76 +11.728 941 02 344.799 053 09 +11.729 050 80	12.26 12.26	26.84 -40.09 43.50 -33.32		0.99 0.83 0.94 0.93 0.77 3.63 3.02 0.94 2.30 2.14	A	317.2	0.538 +1.8 -0.006											
22592+2402	1	LCA	A 113507 B 113506	9.097 0.012 11.405 0.090	9.465 0.019	9.006 0.019		344.812 156 70 +24.032 598 93 344.807 719 59 +24.033 019 55	6.14 -11.51	25.32 41.73 35.06 17.17		2.66 2.06 2.58 2.82 2.55 44.60 26.69 16.49 19.17 15.39	A	275.9	14.67 -0.1 -0.01											
22597+6247	1	FCA	A 113538 B 113538	9.308 0.008 11.101 0.038				344.928 629 11 +62.777 320 35 344.928 731 02 +62.777 465 24	0.91 0.91	0.33 -4.15 0.33 -4.15		1.63 1.81 1.73 1.80 1.68 11.07 9.41 1.73 1.80 1.68	A	18	0.55											
22597-0422	1	FCA	A 113537 B 113537	8.323 0.009 9.651 0.029	8.725 0.018	8.226 0.017		344.921 969 90 -4.364 283 62 344.919 549 77 -4.363 861 29	7.15 7.15	-11.33 -34.62 -11.33 -34.62		2.16 1.54 2.10 2.72 1.87 10.14 5.61 2.10 2.72 1.87	A	279.93	8.82											
22598+3005	1	FCA	A 113544 B 113544	8.719 0.005 10.797 0.030	8.987 0.011	8.599 0.012		344.948 034 04 +30.077 347 59 344.948 283 74 +30.077 721 90	3.39 3.39	30.27 -3.40 30.27 -3.40		1.07 1.08 1.47 1.18 1.19 8.09 8.68 1.47 1.18 1.19	A	30.0	1.56											
22598-0226	1	FCA	A 113547 B 113547	7.880 0.005 10.767 0.064				344.955 956 41 -2.439 846 39 344.955 808 62 -2.439 960 70	8.58 8.58	40.90 15.01 40.90 15.01		1.34 1.09 1.33 1.65 1.12 27.85 12.75 1.33 1.65 1.12	A	232	0.67											
23001+5937	1	FCC	A 113565 B 113565	8.944 0.009 11.774 0.115	9.669 0.021	8.900 0.017		345.037 709 36 +59.619 894 92 345.037 732 65 +59.619 585 57	0.78 0.78	-4.33 -2.51 -4.33 -2.51		1.44 1.45 1.66 1.77 1.63 27.71 27.66 1.66 1.77 1.63	A	178	1.11											



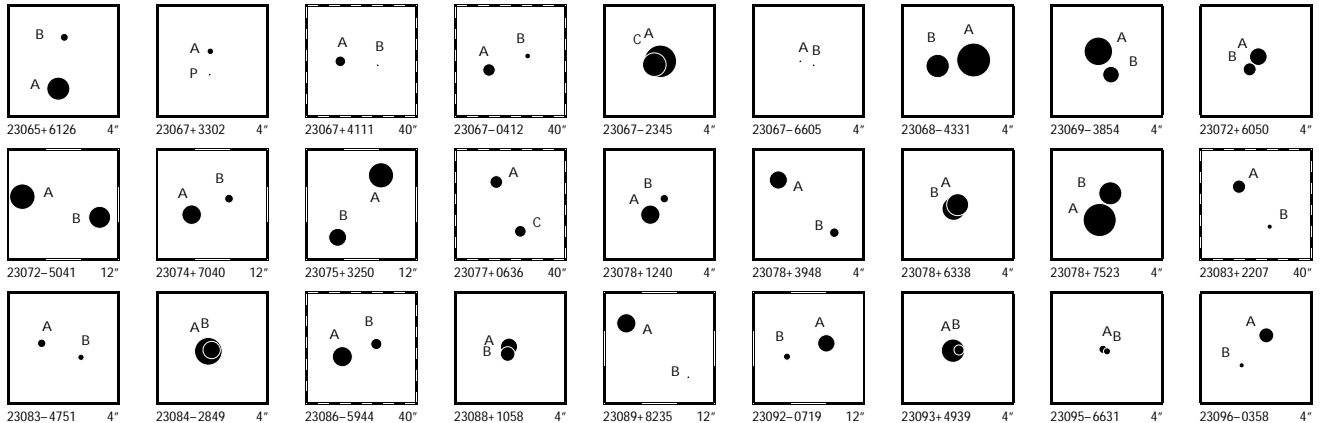
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
23001-5142	1	F CA	A 113564 B 113564	7.481 9.758	0.004 0.030						345.036 120 04 345.036 074 28	-51.701 235 44 -51.701 445 27	7.49 7.49	10.13 10.13	-7.08 -7.08	0.93 10.08	0.95 7.78	1.23 1.23	1.12 1.12	0.89 0.89	A 188		0.76		
23003+1400	1	F CA	A 113581 B 113581	8.386 11.178	0.007 0.089	8.674	0.014	8.312	0.014		345.080 343 56 345.081 159 36	+14.000 872 20 +14.000 403 73	7.31 7.31	36.61 36.61	-9.01 -9.01	1.68 27.72	1.22 19.29	1.74 1.74	1.73 1.73	1.77 1.77	A 120.6		3.31		
23005-2619	1	F CA	A 113597 B 113597	10.208 10.763	0.009 0.015	11.615	0.107	9.974	0.040		345.116 165 30 345.115 694 75	-26.311 494 47 -26.311 782 57	33.29 33.29	113.63 113.63	-162.16 -162.16	2.52 5.90	1.97 4.93	2.58 2.58	2.65 2.65	2.11 2.11	A 235.7		1.84		
23005-3345	1	F ND D	A 113598 B 113598	8.678 12.631	0.015 0.518	9.345	0.028	8.582	0.023		345.117 158 94 345.118 355 06	-33.744 690 11 -33.744 269 40	15.20 15.20	61.75 61.75	-155.27 -155.27	1.91 87.20	1.32 76.68	1.67 1.67	2.10 2.10	1.33 1.33	A 67		3.89		
23007+3105	1	F CA	A 113621 B 113621	6.654 9.479	0.003 0.041	6.558	0.004	6.648	0.006		345.176 685 93 345.177 737 23	+31.082 964 33 +31.082 916 79	5.74 5.74	17.07 17.07	0.04 0.04	0.68 7.84	0.73 11.85	0.97 0.97	0.77 0.77	0.77 0.77	A 93.0		3.25		
23007+5513	1	F CA	A 113614 B 113614	8.520 11.534	0.005 0.073	9.154	0.013	8.450	0.011		345.168 375 42 345.170 574 70	+55.211 014 55 +55.210 177 18	11.92 11.92	-26.57 -26.57	11.92 11.92	0.84 14.14	0.89 14.35	0.99 0.99	0.94 0.94	0.90 0.90	A 123.7		5.43		
23009+3522	1	L CA	A 113642 B 113642	10.233 11.165	0.014 0.032						345.232 025 49 345.231 891 82	+35.366 082 66 -45.000 103 12	16.10 16.10	91.17 86.55	-54.33 -28.34	3.20 8.82	2.66 9.95	2.46 2.46	2.15 4.09	1.72 4.27	A 281	0.399	+4	+0.009	
23009+6253	1	F CA	A 113639 B 113639	10.214 11.536	0.014 0.047	10.801	0.057	10.140	0.049		345.227 310 10 345.226 976 20	+62.881 663 26 +62.882 114 85	1.50 1.50	-1.68 -1.68	-1.43 -1.43	2.61 12.53	2.31 11.65	2.71 2.71	2.92 2.92	2.53 2.53	A 341.4		1.72		
23010-5826	1	F CA	A 113647 B 113647	7.110 10.885	0.003 0.085	7.307	0.003	7.055	0.004		345.253 775 11 345.254 033 06	-58.437 534 62 -58.437 076 36	10.54 10.54	71.34 71.34	-1.20 -1.20	0.52 19.49	0.56 21.25	0.82 0.82	0.54 0.54	0.53 0.53	A 16		1.72		
23011+2647	1	F CA	A 113654 B 113654	8.474 9.919	0.005 0.019	8.709	0.010	8.343	0.010		345.274 641 96 345.275 360 00	+26.781 340 71 +26.782 235 13	4.38 4.38	-7.06 -7.06	-16.18 -16.18	1.06 5.04	1.02 5.66	1.49 1.49	1.14 1.14	1.21 1.21	A 35.6		3.96		
23012+8047	1	L CA	A 113664 B 113664	7.036 8.313	0.008 0.027						345.311 499 35 345.311 679 15	+80.781 711 64 +80.781 788 12	7.26 7.26	28.11 34.14	23.64 30.17	1.08 3.81	1.36 3.83	0.53 0.53	0.92 2.95	0.68 1.99	A 21	0.294	+1	+0.008	
23012-3232	1	F CA	A 113662 B 113662	10.874 12.074	0.018 0.055	11.167	0.069	10.830	0.083		345.296 848 30 345.296 949 94	-32.541 318 66 -32.540 722 70	2.71 2.71	-14.17 -14.17	-8.18 -8.18	4.01 17.44	2.63 11.06	3.46 3.46	4.12 4.12	2.83 2.83	A 8.2		2.17		
23017+6748	1	F CA	A 113703 B 113703	8.903 10.378	0.007 0.025	9.257	0.014	8.749	0.014		345.426 913 31 345.426 031 59	+67.795 202 20 +67.794 738 64	9.21 9.21	71.79 71.79	49.90 49.90	1.35 6.58	1.24 6.00	1.36 1.36	1.43 1.43	1.39 1.39	A 215.7		2.06		
23018+4553	1	F CB W	A 113715 B 113715	10.448 10.635	0.127 0.150						345.456 157 92 345.456 089 88	+45.885 866 94 +45.885 861 85	0.82 0.82	-3.85 -3.85	0.71 0.71	11.96 11.97	8.97 10.60	1.26 1.26	0.67 0.67	0.86 0.86	A 264		0.17		
23019+4220	1	F CA	A 113726 B 113726	3.727 6.029	0.014 0.117						345.480 195 90 345.480 176 02	+42.325 972 98 +42.326 026 01	4.71 4.71	22.47 22.47	0.24 0.24	1.01 9.55	1.38 10.75	0.67 0.67	0.32 0.32	0.44 0.44	A 345		0.20		
23020+4800	1	F CA	A 113729 B 113729	8.684 8.831	0.127 0.146						345.488 014 17 345.487 950 46	+47.998 539 22 +47.998 553 53	4.21 4.21	12.28 12.28	1.89 1.89	9.92 10.04	4.42 5.80	0.90 0.90	0.59 0.59	0.67 0.67	A 289		0.16		
23020-5516	1	F CA	A 113733 B 113733	9.809 10.786	0.010 0.024	9.861	0.015	9.425	0.017		345.498 438 66 345.497 651 64	-55.265 144 02 -55.265 189 41	6.28 6.28	12.33 12.33	-7.79 -7.79	1.61 5.90	1.72 7.26	2.35 2.35	1.66 1.66	1.56 1.56	A 264.2		1.62		
23022+1832	1	F ND D	A 113751 B 113751	8.457 11.778	0.021 0.455						345.547 302 81 345.547 329 40	+18.535 041 12 +18.534 975 39	2.83 2.83	3.58 3.58	-7.72 -7.72	2.00 52.57	1.89 70.02	1.83 1.83	1.79 1.79	1.41 1.41	A 159		0.25		
23023-4258	1	F CA	A 113760 B 113760	10.996 12.347	0.022 0.076						345.567 441 94 345.566 229 96	-42.971 116 36 -42.971 105 27	24.70 24.70	69.78 69.78	-157.10 -157.10	3.70 18.70	3.33 19.96	4.36 4.36	4.24 4.24	3.15 3.15	A 270.7		3.19		
23024+1837	1	F CA	A 113768 B 113768	9.582 10.044	0.020 0.030						345.594 514 33 345.594 401 07	+18.608 851 90 +18.608 847 70	7.57 7.57	-30.81 -30.81	-14.23 -14.23	3.96 6.40	2.68 6.17	2.88 2.88	3.02 3.02	2.08 2.08	A 268		0.39		
23024+6413	1	F CA	A 113767 B 113767	8.597 9.406	0.022 0.047						345.590 058 78 345.590 229 69	+64.210 314 66 +64.210 276 60	4.79 4.79	-26.64 -26.64	-15.31 -15.31	3.00 5.35	2.23 4.80	0.95 0.95	0.92 0.92	0.96 0.96	A 117		0.301		
23024-1119	1	F CA	A 113769 B 113769	8.940 9.578	0.005 0.009	9.248	0.013	8.824	0.013		345.598 896 71 345.600 394 13	-11.312 266 90 -11.310 417 28	6.76 6.76	44.24 44.24	-26.14 -26.14	2.30 5.53	1.56 3.26	2.68 2.68	2.55 2.55	1.82 1.82	A 38.44		8.50		
23026+4245	1	F CA	A 113788 B 113788	5.262 7.434	0.002 0.017						345.651 403 90 345.651 363 62	+42.757 806 20 +42.757 909 43	9.33 9.33	55.67 55.67	-4.77 -4.77	0.57 4.78	0.64 3.68	0.70 0.70	0.43 0.43	0.48 0.48	A 344		0.387		
23026-1833	1	F CA	A 113792 B 113792	6.950 9.130	0.003 0.019	6.965	0.006	6.808	0.007		345.657 392 39 345.657 671 26	-18.541 687 24 -18.541 531 70	11.75 11.75	34.06 34.06	-6.56 -6.56	1.07 6.92	0.79 5.77	1.11 1.11	1.38 1.38	0.92 0.92	A 59.5		1.10		
23026-3625	1	F CA	A 113784 B 113784	6.700 9.500	0.002 0.029	7.771	0.006	6.649	0.004		345.641 954 19 345.641 308 08	-36.420 805 97 -36.420 569 23	7.85 7.85	42.54 42.54	-30.63 -30.63	0.71 9.08	0.67 9.17	0.90 0.90	0.77 0.77	0.77 0.77	A 294.5		2.06		
23027+5514	1	F CB W	A 113797 E 113797	6.514 10.520	0.005 0.136						345.682 828 68 345.683 037 69	+55.236 374 55 +55.236 234 50	4.51 4.51	17.29 17.29	3.45 3.45	0.67 27.29	0.71 26.28	0.82 0.82	0.66 0.66	0.63 0.63	A 140		0.66		
23027-3946	1	F CA	A 113795 S 113795	9.441 9.464	0.011 0.012						345.679 070 11 345.679 001 50	-39.769 379 59 -39.769 476 73	7.42 7.42	-4.37 -4.37	9.91 9.91	3.75 3.78	2.88 2.78	2.49 2.49	2.09 2.09	2.29 2.29	A 208		0.398		



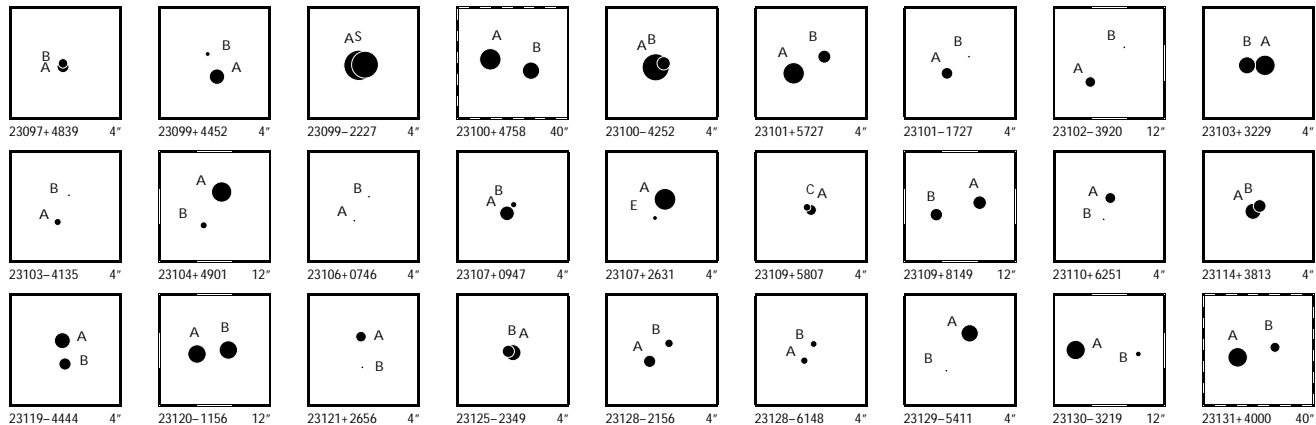
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
23028+4404	1	F C B	A 113802 B 113802	6.420 0.004 10.152 0.135	6.366 0.003 10.317 0.042	6.411 0.004 10.141 0.055		345.688 114 95 +44.058 765 04 345.690 010 22 +44.060 368 90	2.77 2.77	2.19 -5.99 2.19 -5.99	0.58 0.57 0.83 0.62 0.62	A 40.3 7.57														
23028+5025	1	F N D	A 113809 B 113809	9.831 0.012 13.141 0.224	10.059 0.022	9.777 0.026		345.712 229 13 +50.412 477 32 345.712 569 10 +50.412 146 23	-1.14 -1.14	-3.09 -3.81 -3.09 -3.81	1.36 1.50 1.82 1.35 1.31 52.83 57.73 1.82 1.35 1.31	A 147 1.42														
23029+0738	1	F C A	A 113811 B 113811	8.604 0.056 8.935 0.076				345.717 705 01 +7.629 846 93 345.717 734 59 +7.629 805 68	1.31 1.31	-14.28 1.95 -14.28 1.95	3.67 4.27 1.12 1.28 1.02 5.76 6.59 1.12 1.28 1.02	A 145 0.18														
23029-1320	1	F C A	A 113810 B 113810	9.278 0.126 9.550 0.162				345.716 899 39 -13.338 672 08 345.716 893 74 -13.338 631 79	1.84 1.84	-18.56 -13.33 -18.56 -13.33	6.40 9.59 1.21 1.30 0.96 8.59 10.16 1.21 1.30 0.96	A 352 0.146														
23031+0456	1	F C A	A 113832 B 113832	8.755 0.006 11.112 0.053				345.779 395 75 +4.940 340 56 345.779 219 68 +4.940 317 33	7.91 7.91	37.47 -7.95 37.47 -7.95	1.63 1.15 1.56 2.08 1.48 13.28 14.01 1.56 2.08 1.48	A 262 0.64														
23031-3330	1	F C A	A 113831 B 113831	9.092 0.009 11.301 0.062	9.511 0.020	8.948 0.019		345.778 745 54 -33.500 343 75 345.778 215 32 -33.500 458 87	8.37 8.37	53.50 -20.36 53.50 -20.36	1.93 1.27 1.84 1.92 1.32 16.43 10.58 1.84 1.92 1.32	A 255.4 1.64														
23034+5834	1	F C A	A 113852 B 113852	6.652 0.013 9.690 0.214				345.838 878 85 +58.563 875 86 345.839 045 34 +58.563 869 89	11.39 11.39	48.37 -8.91 48.37 -8.91	2.72 1.10 0.83 0.87 0.71 20.70 18.71 0.83 0.87 0.71	A 94 0.31														
23035+4123	1	F C A	A 113862 B 113862	9.318 0.017 10.607 0.050	9.391 0.011	9.252 0.014	10.845 0.037	345.880 293 73 +41.381 240 21 345.879 483 17 +41.386 170 56	0.78 0.78	10.07 5.18 10.07 5.18	1.79 1.54 2.69 1.72 1.85 14.86 13.89 2.69 1.72 1.85	A 352.97 17.88														
23036+6445	1	F C A	A 113871 B 113871	9.158 0.005 11.052 0.030				345.901 943 76 +64.757 233 29 345.901 631 31 +64.757 294 22	2.81 2.81	-5.66 -6.70 -5.66 -6.70	1.28 1.27 1.22 1.24 1.26 7.08 8.74 1.22 1.24 1.26	A 295 0.53														
23037+2954	1	F C A	A 113876 B 113876	8.391 0.006 10.683 0.046	8.831 0.009	8.313 0.009		345.926 131 02 +29.899 735 98 345.926 249 91 +29.898 999 17	12.52 12.52	-43.49 -102.51 -43.49 -102.51	1.02 0.95 1.39 1.09 1.04 8.36 11.43 1.39 1.09 1.04	A 172.0 2.68														
23040+6324	1	F C A	A 113907 B 113907	7.836 0.006 10.188 0.047				346.009 274 97 +63.396 880 15 346.008 995 15 +63.396 828 23	1.38 1.38	-2.02 -0.77 -2.02 -0.77	1.12 1.01 0.97 1.03 0.90 8.50 9.02 0.97 1.03 0.90	A 247 0.49														
23040-4610	1	F C A	A 113901 B 113901	8.504 0.005 9.893 0.018	8.925 0.015	8.398 0.014		345.998 474 80 -46.167 714 75 345.999 749 86 -46.167 981 39	8.52 8.52	85.33 6.74 85.33 6.74	1.54 1.07 1.40 1.93 1.19 6.18 5.16 1.40 1.93 1.19	A 106.8 3.32														
23042-5501	1	L C A	A 113921 B 113921	8.896 0.005 9.187 0.007				346.050 181 34 -55.024 776 01 346.050 524 63 -55.024 802 47	10.58 10.58	-0.62 74.41 -6.40 72.67	2.24 1.73 2.38 2.12 1.56 2.93 2.64 2.38 2.91 2.37	A 97.7 0.715 +0.2 -0.005														
23043+5131	1	F C A	A 113934 B 113934	9.659 0.006 11.725 0.041				346.082 497 33 +51.516 179 35 346.082 253 69 +51.516 312 40	2.41 2.41	7.87 -6.01 7.87 -6.01	1.29 1.47 1.73 1.30 1.28 11.34 10.94 1.73 1.30 1.28	A 311 0.73														
23050+3323	1	F C A	A 113985 B 113985	8.078 0.007 8.485 0.010	8.075 0.010	8.024 0.011		346.254 526 82 +33.385 772 98 346.254 759 89 +33.385 051 21	4.98 4.98	23.25 0.63 23.25 0.63	1.54 1.20 1.82 1.97 1.39 4.10 2.70 1.82 1.97 1.39	A 164.9 2.691														
23050-5121	1	F C A	A 113984 B 113984	9.661 0.011 9.768 0.012	10.353 0.033	9.452 0.024	10.335 0.033	346.253 314 97 -51.355 772 29 346.255 949 76 -51.354 434 81	5.59 5.59	54.64 -13.91 54.64 -13.91	3.13 2.50 3.31 3.22 2.15 5.75 5.61 3.31 3.22 2.15	A 50.89 7.63														
23052+5814	1	F C A	A 113999 B 113999	8.536 0.005 11.162 0.057				346.303 901 32 +58.241 490 86 346.304 388 69 +58.241 530 78	0.00 0.00	-3.08 -2.50 -3.08 -2.50	1.05 0.96 1.16 1.21 1.05 13.49 12.41 1.16 1.21 1.05	A 81 0.93														
23052-0743	1	L C A	A 113996 B 113996	6.198 0.148 6.343 0.169				346.290 453 40 -7.693 825 74 346.290 507 69 -7.693 810 30	17.31 17.31	121.75 22.15 125.41 -10.19	14.90 5.99 0.98 2.19 3.84 16.00 7.08 0.98 2.33 4.25	A 74 0.202 +9 -0.005														
23052-4412	1	F C A	A 114000 B 114000	10.084 0.019 12.468 0.167				346.311 996 46 -44.193 858 57 346.311 937 64 -44.193 759 57	7.15 7.15	-37.93 -70.88 -37.93 -70.88	2.51 2.84 2.30 2.01 2.11 28.27 30.62 2.30 2.01 2.11	A 337 0.39														
23054-6316	1	F C B	A 114014 B 114014	9.385 0.010 12.205 0.130	9.940 0.019	9.297 0.017		346.348 321 47 -63.263 363 02 346.346 415 62 -63.262 887 35	6.55 6.55	64.36 -11.57 64.36 -11.57	1.38 1.76 2.09 1.56 1.64 29.34 31.71 2.09 1.56 1.64	A 299.0 3.53														
23055+4643	1	F C A	A 114027 B 114027	8.659 0.007 9.808 0.021				346.375 623 65 +46.720 728 07 346.375 492 01 +46.720 822 07	4.18 4.18	-6.55 -3.50 -6.55 -3.50	1.31 1.44 1.72 1.12 1.31 4.56 4.17 1.72 1.12 1.31	A 316.2 0.469														
23057-6005	1	F C A	A 114039 B 114039	9.283 0.028 9.623 0.038				346.414 671 00 -60.079 772 94 346.414 537 96 -60.079 773 21	8.75 8.75	32.86 -47.03 32.86 -47.03	3.98 3.93 1.26 0.94 0.84 4.74 4.04 1.26 0.94 0.84	A 270 0.239														
23060+4220	1	F C A	A 114065 B 114065	11.751 0.016 12.395 0.028				346.509 414 23 +42.329 849 58 346.509 560 22 +42.329 635 01	17.54 17.54	48.49 -263.73 48.49 -263.73	4.15 4.97 7.55 4.39 5.55 13.00 14.77 7.55 4.39 5.55	A 153 0.86														
23060-7446	1	F C A	A 114063 B 114063	8.893 0.007 10.861 0.040	9.055 0.012	8.826 0.013	10.721 0.081	346.505 365 15 -74.766 112 48 346.509 218 44 -74.765 701 45	3.46 3.46	14.76 -8.70 14.76 -8.70	1.25 1.25 1.35 1.37 1.12 8.08 11.98 1.35 1.37 1.12	A 67.9 3.93														
23062+4147	1	F C A	A 114071 B 114071	7.500 0.003 8.922 0.012				346.540 466 33 +41.789 859 78 346.540 615 16 +41.789 920 90	3.71 3.71	-5.20 -16.11 -5.20 -16.11	0.85 0.82 1.17 0.65 0.76 3.31 3.62 1.17 0.65 0.76	A 61.2 0.456														
23064+1236	1	F C A	A 114088 C 114088	12.007 0.043 12.684 0.079				346.598 552 71 +12.607 540 50 346.598 438 93 +12.607 570 85	27.32 27.32	319.71 -59.54 319.71 -59.54	8.88 5.10 6.68 8.10 5.29 25.36 20.76 6.68 8.10 5.29	A 285 0.41														
23064-4747	1	F C A	A 114085 B 114085	8.395 0.006 10.950 0.058	9.433 0.018	8.323 0.012		346.591 600 65 -47.785 508 47 346.592 100 01 -47.786 217 47	4.01 4.01	-25.13 -8.43 -25.13 -8.43	1.18 1.05 1.28 1.17 1.07 15.23 12.39 1.28 1.17 1.07	A 154.7 2.82														



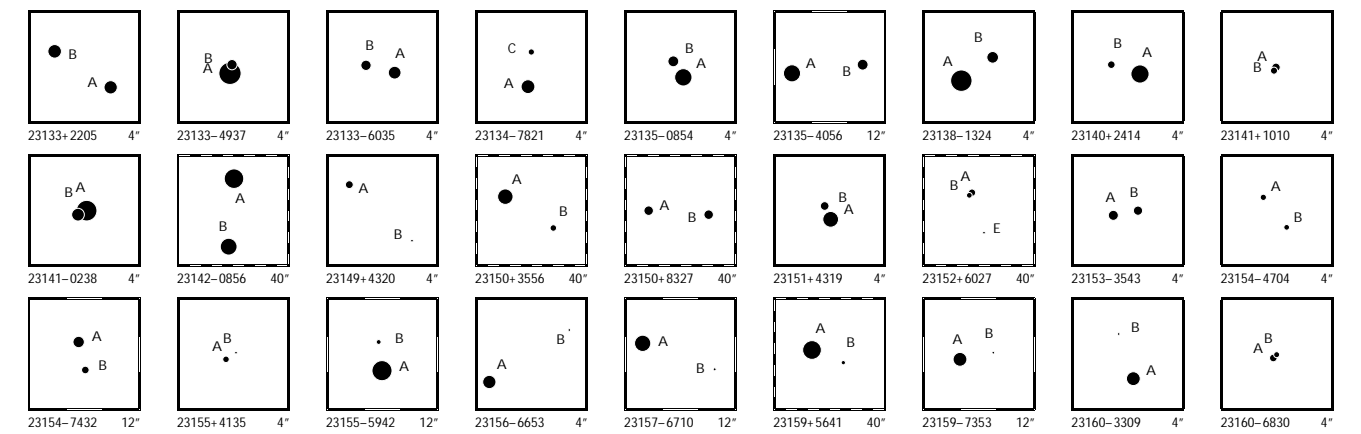
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*} mas/yr	μ_{δ} mas/yr	α^* mas	δ mas	π mas	μ_{α^*} mas/yr	μ_{δ} mas/yr	θ "	ρ "	d θ /dt "/yr	d ρ /dt "/yr			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
23065+6126	1	F	C	A 114092 B 114092	6.903 0.003 10.276 0.074		7.344 0.007	6.823 0.005			346.618 897 81 +61.440 174 39 346.618 768 72 +61.440 694 31	8.85 8.85	26.61 -20.04 26.61 -20.04		0.62 0.59 0.66 0.70 0.59 13.85 10.93 0.66 0.70 0.59							A 353.2	1.88			
23067+3302	1	F	C	A 114121 P 114121	10.555 0.012 12.121 0.049						346.676 635 63 +33.029 622 96 346.676 644 41 +33.029 375 96	14.80 14.80	-12.95 -153.97 -12.95 -153.97		2.36 2.04 3.07 3.10 2.12 15.47 11.21 3.07 3.10 2.12							A 178	0.89			
23067+4111	1	F	C	A 114123 B 114123	9.634 0.012 11.892 0.090		9.867 0.024	9.603 0.028			346.677 573 09 +41.185 765 84 346.672 426 48 +41.185 313 58	2.93 2.93	13.27 -5.65 13.27 -5.65		1.44 1.41 2.14 1.42 1.45 19.99 18.42 2.14 1.42 1.45							A 263.3	14.04			
23067-0412	1	I	C	A 114120 B 114118	9.242 0.022 10.711 0.078		9.655 0.027	9.137 0.026			346.674 298 96 -4.200 882 29 346.670 383 26 -4.199 527 37	7.43 -3.78	117.38 -31.81 115.86 -33.83		4.17 3.40 3.60 4.21 3.72 25.64 23.81 10.98 12.96 10.71							A 289.13	14.88	-0.01	0.00	
23067-2345	1	F	C	A 114119 C 114119	4.794 0.007 6.766 0.045						346.670 020 88 -23.743 111 98 346.670 088 45 -23.743 146 43	17.32 17.32	59.90 0.53 59.90 0.53		1.67 1.62 0.88 1.10 0.82 8.81 10.25 0.88 1.10 0.82							A 119	0.25			
23067-6605	1	F	C	A 120306 B 120306	11.640 0.027 12.150 0.043						346.687 477 34 -66.075 284 37 346.687 149 81 -66.075 322 38	10.13 10.13	-37.06 21.90 -37.06 21.90		8.66 6.95 6.04 9.01 5.89 14.97 13.14 6.04 9.01 5.89							A 254	0.50			
23068-4331	1	L	C	A 114131 B 114131	4.508 0.003 6.836 0.022		4.843 0.004	4.374 0.004			346.719 868 58 -43.520 324 36 346.720 380 92 -43.520 390 23	24.51 24.51	-48.35 -13.98 -49.75 -37.32		0.70 0.65 0.75 0.69 0.67 11.08 6.08 0.75 6.45 4.16							A 100.1	1.36	+1.0	0.00	
23069-3854	1	F	C	A 114132 B 114132	5.717 0.003 8.367 0.035						346.723 332 74 -38.892 306 72 346.723 172 02 -38.892 549 75	11.09 11.09	33.56 5.78 33.56 5.78		0.63 0.61 0.79 0.67 0.65 8.41 6.82 0.79 0.67 0.65							A 207.2	0.98			
23072+6050	1	F	C	A 114161 B 114161	8.085 0.005 9.099 0.013						346.791 619 95 +60.832 529 71 346.791 816 19 +60.832 402 54	2.48 2.48	-3.67 -15.57 -3.67 -15.57		1.18 1.15 1.20 1.40 1.21 3.74 3.24 1.20 1.40 1.21							A 143.1	0.573			
23072-5041	1	L	C	A 114167 B 114167	6.342 0.004 7.153 0.008		6.763 0.005	6.275 0.006			346.811 694 15 -50.686 624 67 346.807 975 34 -50.687 267 22	25.15 25.15	-37.53 -23.32 -40.19 -28.78		0.90 0.98 1.08 0.83 0.84 3.36 3.79 1.08 1.68 2.00							A 254.74	8.792	-0.03	+0.004	
23074+7040	1	F	C	A 114180 B 114180	7.676 0.004 10.092 0.036		8.903 0.011	7.610 0.007			346.842 793 07 +70.660 966 40 346.839 303 97 +70.661 463 55	3.66 3.66	40.69 -21.29 40.69 -21.29		0.79 0.74 0.85 0.86 0.76 6.92 7.11 0.85 0.86 0.76							A 293.3	4.53			
23075+3250	1	F	C	A 114187 B 114187	6.406 0.004 8.020 0.017		6.471 0.005	6.358 0.005			346.865 578 99 +32.825 373 06 346.867 170 38 +32.823 471 01	6.64 6.64	-21.11 -11.52 -21.11 -11.52		0.79 0.70 1.08 0.98 0.75 4.32 3.51 1.08 0.98 0.75							A 144.89	8.370			
23077+0636	1	I	D	A 114209 C 114207	9.171 0.046 9.428 0.055		10.313 0.038	9.077 0.023			346.930 600 85 +6.604 760 50 346.928 138 89 +6.599 677 38	-10.79 -7.65	39.92 -7.33 -9.31 0.97		15.71 11.61 8.29 11.11 8.97 10.74 8.13 9.49 12.53 9.56							A 205.7	20.31	+0.1	+0.01	
23078+1240	1	F	C	A 114215 B 114215	7.769 0.003 10.151 0.021						346.950 649 79 +12.673 189 89 346.950 495 76 +12.673 355 08	9.93 9.93	-19.82 -12.79 -19.82 -12.79		1.14 0.72 1.09 1.13 0.94 9.43 6.27 1.09 1.13 0.94							A 318	0.80			
23078+3948	1	F	C	A 114214 B 114214	7.952 0.005 9.894 0.027		8.248 0.009	7.915 0.012			346.949 424 28 +39.796 304 20 346.948 669 34 +39.795 764 36	8.45 8.45	37.45 23.52 37.45 23.52		1.06 0.93 1.33 1.11 0.88 8.07 6.39 1.33 1.11 0.88							A 227.1	2.85			
23078+6338	1	F	C	A 114212 B 114212	6.866 0.033 7.158 0.044						346.948 948 57 +63.633 453 23 346.948 846 34 +63.633 494 01	2.67 2.67	6.87 -2.08 6.87 -2.08		3.30 3.11 0.58 0.55 0.57 4.08 3.92 0.58 0.55 0.57							B 312	0.220			
23078+7523	1	L	C	A 114222 B 114222	4.669 0.003 6.929 0.024						346.974 325 46 +75.387 581 50 346.973 910 87 +75.387 853 99	14.83 14.83	5.74 -35.10 17.63 -23.55		0.70 0.63 0.62 0.63 0.57 5.20 5.03 0.62 3.80 2.93							A 339.0	1.051	+0.8	+0.007	
23083+2207	1	F	D	A 114243 B 114240	9.038 0.043 10.852 0.201		10.193 0.043	8.959 0.026			347.064 613 72 +22.120 129 99 347.061 240 70 +22.116 086 68	-1.93 -1.93	-19.50 -9.81 -19.50 -9.81		4.20 4.17 4.02 4.08 3.57 47.90 31.57 4.02 4.08 3.57							A 217.7	18.40			
23083-4751	1	F	C	A 114241 B 114241	10.127 0.014 10.630 0.023		10.453 0.039	9.755 0.033			347.063 330 03 -47.843 264 90 347.062 737 64 -47.843 407 16	8.04 8.04	-8.42 -50.77 -8.42 -50.77		3.31 2.74 3.08 2.98 2.63 11.43 7.13 3.08 2.98 2.63							A 250.3	1.52			
23084-2849	1	F	D	A 114254 B 114254	5.887 0.042 8.168 0.347						347.087 906 63 -28.823 570 40 347.087 859 72 -28.823 553 29	11.42 11.42	-43.24 -52.69 -43.24 -52.69		2.39 2.38 0.70 0.76 0.54 35.33 22.50 0.70 0.76 0.54							A 293	0.16			
23086-5944	1	I	C	A 114270 B 114267	7.552 0.006 9.554 0.039		7.908 0.006	7.438 0.005			347.156 386 14 -59.736 403 35 347.149 350 56 -59.735 134 61	16.72 17.06	60.15 -64.35 43.51 -73.27		1.13 1.21 1.46 1.19 1.13 13.26 14.08 7.11 10.97 9.81							A 289.68	13.56	-0.06	+0.01	
23088+1058	1	F	C	A 114280 B 114280	8.204 0.013 8.785 0.023						347.199 047 34 +10.958 670 94 347.199 062 21 +10.958 595 11	9.25 9.25	37.05 -0.70 37.05 -0.70		1.85 2.08 1.16 1.33 1.29 3.49 3.36 1.16 1.33 1.29							A 169	0.278			
23089+8235	1	F	C	A 114298 B 114298	7.721 0.006 11.449 0.178		8.999 0.011	7.659 0.007			347.227 564 85 +82.583 674 21 347.212 728 19 +82.582 027 17	4.88 4.88	36.30 30.55 36.30 30.55		0.68 0.66 0.70 0.73 0.64 45.16 43.14 0.70 0.73 0.64							A 229.3	9.09			
23092-0719	1	F	C	A 114323 B 114323	8.178 0.007 10.452 0.055		9.378 0.024	8.074 0.014			347.297 879 40 -7.313 906 86 347.299 109 20 -7.314 307 83	4.93 4.93	-33.98 -42.08 -33.98 -42.08		1.52 1.16 1.52 1.84 1.20 15.82 11.16 1.52 1.84 1.20							A 108.2	4.62			
23093+4939	1	F	C	A 114329 B 114329	6.817 0.017 9.771 0.250						347.319 768 66 +49.650 612 69 347.319 675 12 +49.650 623 06	1.54 1.54	2.35 -0.23 2.35 -0.23		2.09 1.07 0.73 0.49 0.56 20.42 16.95 0.73 0.49 0.56							A 280	0.22			
23095-6631	1	F	C	A 114346 B 114346	10.206 0.146 10.469 0.186						347.375 403 80 -66.515 864 48 347.375 291 64 -66.515 885 76	12.62 12.62	-30.49 -44.28 -30.49 -44.28		12.64 9.06 1.26 1.16 1.02 14.04 10.68 1.26 1.16 1.02							A 245	0.18			
23096-0358	1	F	C	A 114355 B 114355	8.696 0.007 10.876 0.053		9.023 0.014	8.597 0.014			347.403 093 85 -3.962 292 61 347.403 349 59 -3.962 606 37	10.72 10.72	-15.06 -17.28 -15.06 -17.28		1.62 1.26 1.96 2.56 1.63 16.55 9.19 1.96 2.56 1.63							A 141	1.46			



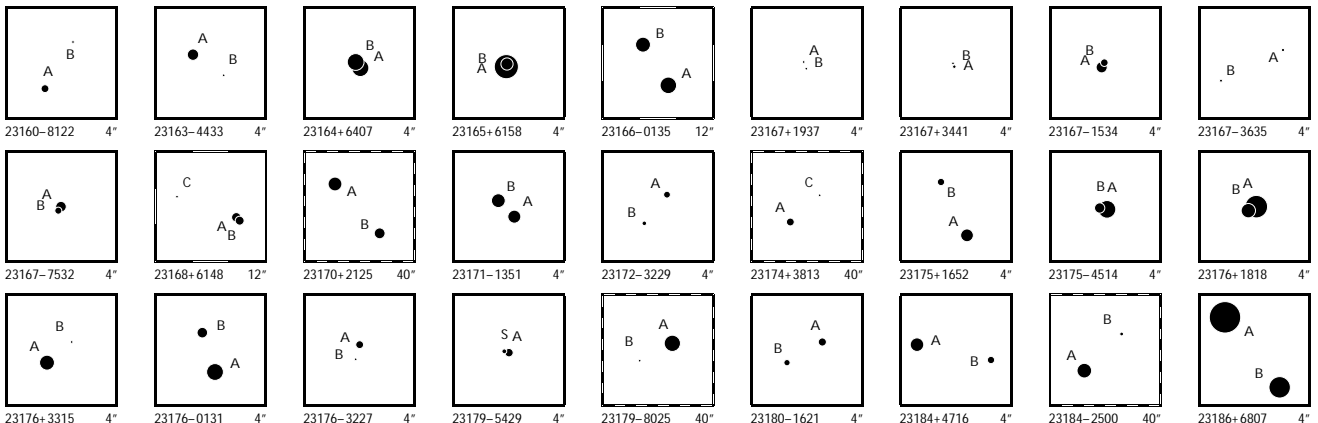
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _I	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
23097+4839	1	FCA	A 114363 B 114363	9.367 0.180 9.904 0.295				347.428 222 45 347.428 217 60	+48.646 791 46 +48.646 828 29	6.59 6.59	58.81 -53.88 58.81 -53.88	5.30 12.83 1.17 9.03 15.88 1.17	0.75 0.80 0.75 0.80	A 355	0.13											
23099+4452	1	FCA	A 114374 B 114374	8.551 0.005 10.892 0.041				347.478 206 79 347.478 339 18	+44.864 308 16 +44.864 542 93	3.25 3.25	3.20 -3.93 3.20 -3.93	0.97 0.89 1.38 10.59 8.82 1.38	1.03 1.05 1.03 1.05	A 22	0.91											
23099-2227	1	FCA	A 114375 S 114375	5.271 0.025 6.037 0.051				347.478 673 45 347.478 613 94	-22.457 597 35 -22.457 582 60	6.26 6.26	35.92 -7.79 35.92 -7.79	3.45 4.89 1.06 7.28 10.95 1.06	1.39 1.13 1.39 1.13	A 285	0.205											
23100+4758	1	INB	A 114385 B 114379	7.250 0.017 8.151 0.033	7.918 0.006 9.065 0.010	7.202 0.006 8.022 0.007		347.494 750 05 347.488 474 77	+47.959 414 93 +47.958 343 19	34.06 39.56	154.23 -1.11 147.06 12.42	1.62 1.92 2.31 7.89 9.49 7.67	1.78 2.01 5.75 6.72	A 255.69	15.61	+0.05	0.00									
23100-4252	1	LCA	A 114382 B 114382	6.000 0.005 9.052 0.087				347.490 169 85 347.490 063 81	-42.861 169 12 -42.861 122 33	28.87 28.87	-348.82 -50.54 -296.74 -7.40	1.38 1.32 0.87 22.15 23.56 0.87	0.95 0.95 13.27 13.87	A 301	0.33	+11	-0.02									
23101+5727	1	FCA	A 114406 B 114406	7.286 0.004 9.140 0.019	8.217 0.015	7.095 0.009		347.539 600 40 347.539 017 51	+57.448 407 96 +57.448 577 06	5.34 5.34	3.79 -27.78 3.79 -27.78	0.83 0.93 1.01 6.83 6.55 1.01	1.03 0.94 1.03 0.94	A 298.3	1.28											
23101-1727	1	FND	D A 114396 B 114396	9.395 0.008 12.975 0.220	10.877 0.037	9.303 0.016		347.523 915 74 347.523 677 77	-17.447 167 25 -17.446 996 54	0.46 0.46	1.35 -1.01 1.35 -1.01	2.02 1.21 1.83 89.95 40.32 1.83	2.55 1.46 2.55 1.46	A 307	1.02											
23102-3920	1	FCB	A 114409 B 114409	9.674 0.012 12.782 0.200	10.126 0.025	9.606 0.024		347.557 902 19 347.556 523 93	-39.328 195 03 -39.327 141 84	7.87 7.87	39.65 -0.63 39.65 -0.63	1.86 1.87 2.24 50.43 42.46 2.24	2.02 1.85 2.02 1.85	A 315	5.40											
23103+3229	1	LCA	A 114415 B 114415	7.508 0.003 8.190 0.006				347.571 363 95 347.571 576 69	+32.487 054 79 +32.487 053 88	3.91 3.91	13.43 -6.69 15.53 -2.65	1.28 0.97 1.40 3.00 2.35 1.40	1.33 0.83 2.01 1.26	A 90.3	0.646	-0.4	+0.002									
23103-4135	1	FCA	A 114413 B 114413	10.445 0.013 11.828 0.044				347.566 760 88 347.566 604 42	-41.578 409 98 -41.578 134 43	6.61 6.61	5.82 -3.18 5.82 -3.18	2.70 2.55 3.14 11.57 12.62 3.14	3.46 2.93 3.46 2.93	A 337	1.08											
23104+4901	1	FCA	A 114420 B 114420	7.502 0.003 10.410 0.041	8.134 0.007	7.415 0.006		347.587 823 35 347.588 647 83	+49.018 196 08 +49.017 184 28	21.61 21.61	236.48 51.96 236.48 51.96	0.62 0.68 0.89 9.38 10.45 0.89	0.61 0.70 0.61 0.70	A 151.9	4.13											
23106+0746	1	FND	D A 114440 B 114440	12.874 0.061 13.173 0.081				347.655 131 95 347.654 966 59	+7.766 966 61 +7.767 205 70	-6.21 -6.21	21.76 23.76 21.76 23.76	10.20 7.00 10.15 43.98 22.07 10.15	10.95 9.91 10.95 9.91	A 326	1.04											
23107+0947	1	FCA	A 114444 B 114444	8.750 0.006 10.595 0.029				347.664 939 50 347.664 871 46	+9.779 330 39 +9.779 416 85	14.36 14.36	-44.35 -47.09 -44.35 -47.09	1.69 1.33 1.61 9.17 6.87 1.61	2.10 1.55 2.10 1.55	A 322	0.39											
23107+2631	1	FCA	A 114448 E 114448	7.205 0.002 10.911 0.070				347.676 649 36 347.676 764 66	+26.523 067 36 +26.522 875 85	11.45 11.45	47.57 -12.81 47.57 -12.81	0.70 0.74 0.92 17.32 18.98 0.92	0.66 0.63 0.66 0.63	A 152	0.78											
23109+5807	1	FCB	A 114465 C 114465	9.621 0.211 10.300 0.394				347.729 476 59 347.729 555 25	+58.108 344 22 +58.108 363 01	1.90 1.90	-1.31 -1.84 -1.31 -1.84	19.73 6.39 1.11 33.55 17.84 1.11	1.00 1.17 1.00 1.17	A 66	0.16											
23109+8149	1	FCA	A 114463 B 114463	9.023 0.006 9.251 0.008	9.360 0.020 9.519 0.024	8.943 0.021 9.136 0.025		347.725 556 01 347.734 780 12	+81.816 851 92 +81.816 476 80	5.06 5.06	-0.21 -8.24 -0.21 -8.24	1.65 1.49 1.55 3.97 3.09 1.55	1.82 1.49 1.82 1.49	A 105.94	4.916											
23110+6251	1	FCA	A 114473 B 114473	9.581 0.007 11.637 0.044				347.746 301 93 347.746 446 27	+62.850 024 35 +62.849 799 26	1.43 1.43	14.10 6.85 14.10 6.85	1.37 1.41 1.55 12.35 10.99 1.55	1.44 1.45 1.44 1.45	A 164	0.84											
23114+3813	1	LCA	A 114504 B 114504	8.466 0.017 9.165 0.032				347.857 625 99 347.857 543 01	+38.219 808 76 +38.219 863 23	6.26 6.26	60.01 1.09 45.80 -3.52	2.30 2.27 1.37 4.30 4.71 1.37	1.21 1.13 2.23 2.09	A 310	0.306	-2	+0.008									
23119-4444	1	LCA	A 114528 B 114528	8.462 0.005 9.280 0.010				347.963 306 83 347.963 260 01	-44.725 399 35 -44.725 633 23	8.93 8.93	53.97 -59.93 56.23 -67.72	1.31 1.18 1.32 5.02 2.97 1.32	1.13 1.02 2.80 1.94	A 188.1	0.850	-0.2	+0.007									
23120-1156	1	FNB	B 114536 A 114536	7.919 0.012 7.921 0.012	9.202 0.064 8.995 0.066	7.927 0.043 7.854 0.045		347.998 149 43 347.999 148 83	-11.933 488 97 -11.933 630 27	5.54 5.54	19.96 -32.22 19.96 -32.22	3.50 2.43 2.37 2.70 1.87 2.37	2.58 1.67 2.58 1.67	B 98.22	3.557											
23121+2656	1	FND	D A 114543 B 114543	9.657 0.010 11.882 0.073	10.672 0.041	9.540 0.025		348.027 174 16 348.027 167 18	+26.929 691 36 +26.929 373 28	21.13 21.13	146.14 -122.52 146.14 -122.52	1.73 1.98 2.14 18.78 22.43 2.14	1.61 1.51 1.61 1.51	A 181	1.15											
23125-2349	1	FCA	A 114568 B 114568	8.446 0.171 9.318 0.383				348.125 040 83 348.125 090 99	-23.819 489 69 -23.819 473 06	7.80 7.80	58.65 -17.12 58.65 -17.12	15.05 6.79 1.03 25.70 12.48 1.03	1.23 0.81 1.23 0.81	A 70	0.18											
23128-2156	1	FCA	A 114584 B 114584	9.319 0.008 10.145 0.018				348.193 446 72 348.193 234 75	-21.938 476 55 -21.938 289 73	12.27 12.27	-3.57 3.72 -3.57 3.72	2.45 1.73 2.50 7.26 4.69 2.50	3.17 2.55 3.17 2.55	A 313.5	0.98											
23128-6148	1	FCA	A 114582 B 114582	10.351 0.008 10.518 0.010				348.191 325 93 348.191 112 07	-61.806 976 21 -61.806 802 33	7.45 7.45	45.12 -36.95 45.12 -36.95	3.37 3.89 4.56 5.93 5.15 4.56	3.45 3.94 3.45 3.94	A 329.8	0.724											
23129-5411	1	FCB	A 114598 B 114598	8.138 0.005 12.026 0.189	8.117 0.006	8.125 0.007		348.233 125 16 348.233 527 37	-54.186 695 70 -54.187 072 23	4.57 4.57	20.13 1.12 20.13 1.12	0.63 0.74 1.07 44.54 50.04 1.07	0.69 0.66 0.69 0.66	A 148	1.60											
23130-3219	1	FCA	A 114601 B 114601	7.742 0.004 10.737 0.063	8.786 0.026	7.665 0.018		348.247 779 06 348.245 509 81	-32.316 813 44 -32.316 940 18	4.53 4.53	44.93 -41.66 44.93 -41.66	1.06 0.86 1.17 14.28 11.91 1.17	1.40 1.06 1.40 1.06	A 266.2	6.92											
23131+4000	1	LCA	A 114612 B 114611	7.706 0.006 9.801 0.037	7.968 0.009 10.147 0.034	7.642 0.011 9.571 0.031		348.276 314 38 348.271 330 91	+40.002 811 53 +40.003 834 46	5.77 9.74	75.33 2.04 76.03 -4.66	1.39 1.31 1.44 13.78 13.62 7.05	1.50 1.31 9.14 8.92	A 285.00	14.23	-0.03	0.00									



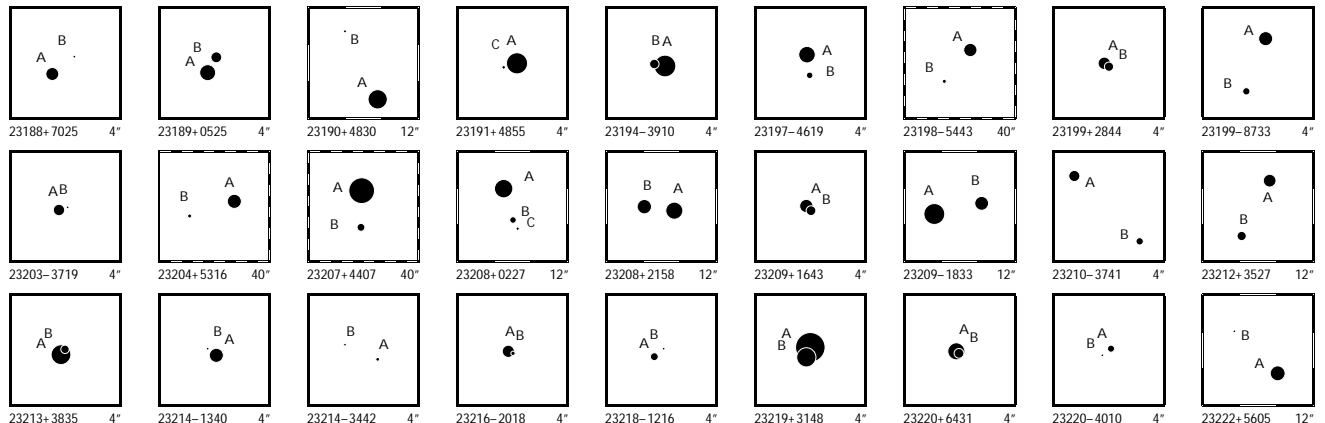
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry									
	S	N		H _p	σ	B_T	σ	V_T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt				
1	2-3-5	6	7	8	9	mag	10	11	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
23133+2205	1	F CA	B 114631 A 114631	9.003 0.006 9.049 0.007	9.181 0.020 9.335 0.017	8.803 0.016 8.859 0.013		348.323 978 15 348.323 361 67	+22.084 011 56 +22.083 641 89	5.04 5.04	-3.58 -44.39 -3.58 -44.39	2.22 2.04 2.16 1.83 1.69 3.02 2.49 2.16 1.83 1.69	B 237.09 2.450														
23133-4937	1	F CA	A 114626 B 114626	7.060 0.011 9.703 0.125				348.313 675 06 348.313 645 53	-49.618 589 17 -49.618 495 83	5.02 5.02	28.65 -7.26 28.65 -7.26	1.17 2.26 0.99 0.73 0.82 13.49 14.73 0.99 0.73 0.82	A 348 0.34														
23133-6035	1	F CA	A 114629 B 114629	9.158 0.007 9.700 0.012				348.316 629 90 348.317 228 48	-60.584 070 94 -60.583 994 34	3.64 3.64	39.72 -21.51 39.72 -21.51	1.53 1.88 2.11 1.66 1.91 4.78 4.64 2.11 1.66 1.91	A 75.4 1.094														
23134-7821	1	F CA	A 114640 C 114640	8.967 0.008 10.607 0.033	9.461 0.023	8.858 0.021		348.356 455 01 348.356 298 65	-78.346 182 30 -78.345 824 21	8.72 8.72	90.39 -46.93 90.39 -46.93	1.46 1.33 1.43 1.58 1.13 8.31 11.01 1.43 1.58 1.13	A 355.0 1.29														
23135-0854	1	F CA	A 114643 B 114643	8.165 0.005 9.609 0.018				348.364 776 25 348.364 889 31	-8.908 104 92 -8.907 945 11	5.71 5.71	-16.94 4.06 -16.94 4.06	1.55 1.38 1.60 1.56 1.26 9.25 4.01 1.60 1.56 1.26	A 35 0.70														
23135-4056	1	F CA	A 114652 B 114652	8.195 0.006 9.600 0.019	8.461 0.012 10.025 0.032	8.114 0.012 9.370 0.028		348.382 887 19 348.379 992 23	-40.935 823 17 -40.935 577 85	5.06 5.06	25.04 -2.20 25.04 -2.20	1.27 1.30 1.55 1.42 1.35 4.84 5.68 1.55 1.42 1.35	A 276.40 7.923														
23138-1324	1	F CA	A 114669 B 114669	7.283 0.006 9.415 0.041	9.100 0.020	7.252 0.010		348.450 981 83 348.450 653 47	-13.394 546 73 -13.394 295 61	2.25 2.25	3.57 -24.65 3.57 -24.65	1.34 1.00 1.30 1.59 1.16 11.15 5.46 1.30 1.59 1.16	A 308.2 1.46														
23140+2414	1	F CA	A 114689 B 114689	7.975 0.003 10.305 0.025	7.894 0.009	7.880 0.010		348.499 239 40 348.499 559 57	+24.233 121 53 +24.233 218 78	3.55 3.55	7.71 -3.76 7.71 -3.76	0.86 0.85 1.17 0.88 0.84 7.16 7.37 1.17 0.88 0.84	A 71.6 1.11														
23141+1010	1	F CB P	A 114698 B 114698	10.161 0.274 10.426 0.350				348.523 896 26 348.523 915 03	+10.160 836 81 +10.160 795 08	1.38 1.38	-5.29 -13.84 -5.29 -13.84	11.68 23.24 1.28 1.40 1.23 15.13 20.82 1.28 1.40 1.23	A 156 0.16														
23141-0238	1	F CA	A 114700 B 114700	7.412 0.005 9.201 0.023				348.526 639 09 348.526 730 42	-2.634 932 53 -2.634 967 96	7.38 7.38	-22.31 -22.04 -22.31 -22.04	1.82 1.71 1.47 1.93 1.17 9.73 10.80 1.47 1.93 1.17	A 111 0.35														
23142-0856	1	IND D	A 114702 B 114703	7.690 0.019 8.308 0.028				348.529 775 77 348.530 317 10	-8.924 239 66 -8.931 197 67	26.52 35.69	551.26 -37.82 566.82 -55.24	2.87 2.22 2.41 3.39 2.43 9.57 7.71 5.65 7.94 5.07	A 175.61 25.12 -0.03 +0.02														
23149+4320	1	F CA	A 114766 B 114766	10.275 0.012 12.217 0.071	10.561 0.036	10.183 0.042		348.716 492 62 348.715 602 18	+43.331 334 82 +43.330 765 70	1.22 1.22	-0.68 -11.46 -0.68 -11.46	1.59 2.02 2.48 1.52 1.79 11.51 18.03 2.48 1.52 1.79	A 228.7 3.10														
23150+3556	1	I CA	A 114778 B 114773	8.603 0.017 10.585 0.081	9.036 0.017 11.103 0.071	8.514 0.016 10.411 0.059		348.745 302 22 348.739 264 41	+35.931 818 49 +35.928 581 63	5.83 5.80	7.18 -30.96 4.93 -22.92	1.96 1.52 2.16 2.18 1.51 38.45 21.56 16.82 16.05 10.79	A 236.49 21.11 +0.02 0.00														
23150+8327	1	I CA	A 114786 B 114768	9.917 0.020 9.926 0.021	10.923 0.055 10.038 0.027	9.682 0.029 9.782 0.033		348.779 289 78 348.725 521 38	+83.446 866 46 +83.446 469 65	7.44 7.02	1.40 5.46 7.66 10.14	4.03 3.69 3.36 4.21 3.48 7.88 7.21 5.61 7.28 5.51	A 266.33 22.14 +0.01 -0.01														
23151+4319	1	F CA	A 114782 B 114782	8.519 0.006 10.106 0.023				348.767 781 87 348.767 864 28	+43.314 499 52 +43.314 634 81	0.65 0.65	0.28 -4.03 0.28 -4.03	1.06 1.36 1.62 0.95 1.14 5.42 5.72 1.62 0.95 1.14	A 24 0.53														
23152+6027	1	F CD X	A 114791 B 114791 E 114791	10.360 0.043 10.736 0.063 12.218 0.246	10.792 0.053 11.654 0.106	10.191 0.051 10.861 0.086		348.801 696 82 348.802 282 32 348.799 109 61	+60.450 527 54 +60.450 280 30 +60.446 485 29	0.28 0.28 0.28	-7.30 -9.03 -7.30 -9.03 -7.30 -9.03	4.66 4.60 5.13 4.61 4.16 12.20 11.29 5.13 4.61 4.16 52.27 51.26 5.13 4.61 4.16	A 131 1.37 A 197.5 15.26														
23153-3543	1	F CA	A 114801 B 114801	9.801 0.012 9.959 0.014				348.830 744 30 348.830 432 12	-35.714 008 83 -35.713 956 73	5.13 5.13	10.99 -75.65 10.99 -75.65	3.11 2.43 2.83 3.41 2.32 5.53 5.75 2.83 3.41 2.32	A 281.6 0.93														
23154-4704	1	F CA	A 114808 B 114808	10.606 0.014 10.727 0.015	11.014 0.070	10.193 0.053		348.845 496 14 348.845 146 28	-47.061 600 75 -47.061 908 18	9.52 9.52	60.63 16.72 60.63 16.72	4.04 3.22 3.59 4.46 3.37 8.11 8.59 3.59 4.46 3.37	A 217.8 1.40														
23154-7432	1	F CA	A 114813 B 114813	9.462 0.007 10.299 0.015	9.731 0.019 10.287 0.035	9.256 0.017 9.726 0.038		348.856 413 56 348.855 600 01	-74.525 530 09 -74.526 389 72	6.67 6.67	140.16 -38.79 140.16 -38.79	1.52 1.59 1.84 1.52 1.31 4.84 4.22 1.84 1.52 1.31	A 194.2 3.192														
23155+4135	1	F CA	A 114818 B 114818	10.576 0.010 11.579 0.023				348.872 279 25 348.872 145 43	+41.584 661 02 +41.584 726 75	1.88 1.88	2.75 -4.64 2.75 -4.64	2.23 2.17 2.71 1.84 1.96 6.21 7.27 2.71 1.84 1.96	A 303 0.43														
23155-5942	1	F CA	A 114820 B 114820	7.548 0.005 10.907 0.101	9.144 0.011 11.776 0.286	7.524 0.006 11.100 0.280		348.876 262 61 348.876 482 67	-59.694 236 29 -59.693 383 52	2.22 2.22	-16.21 -16.32 -16.21 -16.32	0.80 0.87 1.21 0.87 0.80 19.18 25.15 1.21 0.87 0.80	A 7.4 3.10														
23156-6653	1	F ND D	A 114830 B 114830	9.073 0.010 13.300 0.462	9.564 0.015	9.016 0.014		348.906 598 89 348.904 521 41	-66.887 564 87 -66.887 035 98	11.10 11.10	42.37 23.91 42.37 23.91	1.26 1.29 1.49 1.51 1.48 99.34 101.29 1.49 1.51 1.48	A 303 3.50														
23157-6710	1	F CA	A 114839 B 114839	8.393 0.006 11.340 0.091	9.683 0.017 12.058 0.251	8.341 0.010 11.483 0.222		348.924 424 99 348.918 663 52	-67.172 125 13 -67.172 924 11	2.81 2.81	32.87 -30.39 32.87 -30.39	1.10 1.06 1.26 1.22 1.16 21.94 22.24 1.26 1.22 1.16	A 250.3 8.55														
23159+5641	1	F CA	A 114853 B 114853	7.877 0.007 11.039 0.122	7.857 0.007 11.280 0.103	7.849 0.010 10.932 0.112		348.965 089 85 348.959 085 89	+56.676 155 60 +56.674 776 31	3.56 3.56	17.87 1.52 17.87 1.52	0.93 1.03 1.18 1.14 1.02 26.15 29.74 1.18 1.14 1.02	A 247.3 12.87														
23159-7353	1	F CA	A 114857 B 114857	8.929 0.006 11.669 0.076	9.887 0.019	8.859 0.013		348.974 739 61 348.971 095 77	-73.875 833 26 -73.875 629 35	0.98 0.98	23.18 -3.37 23.18 -3.37	1.14 1.11 1.30 1.19 0.97 18.23 17.91 1.30 1.19 0.97	A 281.4 3.72														
23160-3309	1	F CB	A 114867 B 114867	8.932 0.010 12.656 0.297	9.251 0.016	8.850 0.016		348.999 799 41 348.999 985 28	-33.147 900 27 -33.147 446 43	3.25 3.25	13.00 -11.75 13.00 -11.75	2.11 1.67 2.10 2.30 2.05 94.17 77.69 2.10 2.30 2.05	A 19 1.73														
23160-6830	1	F CA	A 114861 B 114861	10.300 0.131 10.667 0.183				348.988 895 36 348.988 793 08	-68.503 098 75 -68.503 062 50	5.01 5.01	-59.89 -24.42 -59.89 -24.42	9.60 10.25 1.25 0.97 1.27 12.14 13.25 1.25 0.97 1.27	A 314 0.19														



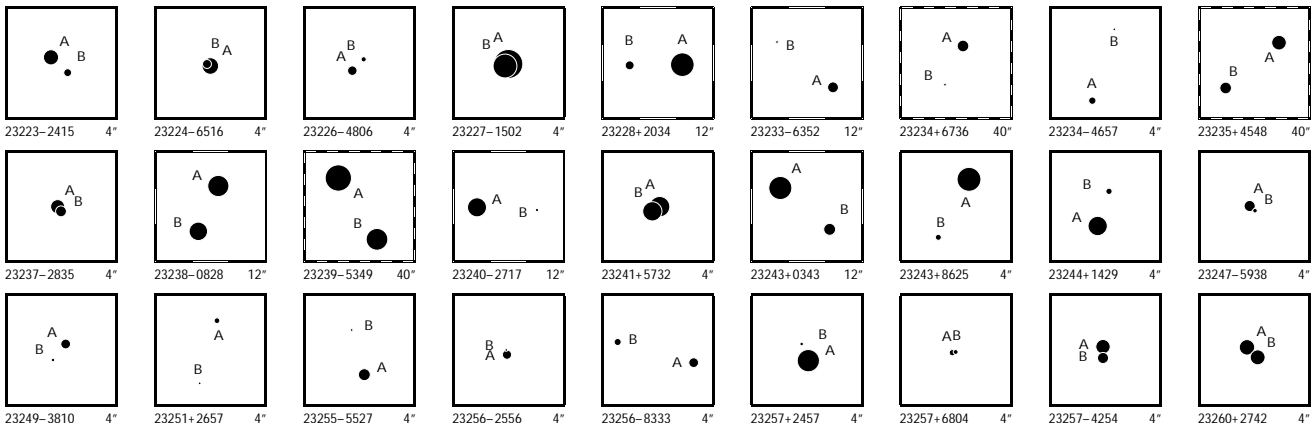
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
23160-8122	1	F CA	A 114859 B 114859	10.231 0.012 12.455 0.087	12.011 0.124	10.182 0.037		348.980 884 23 348.978 941 02	-81.372 844 02 -81.372 366 40	45.21 45.21	504.34 116.72 504.34 116.72	2.09 1.74 2.04 2.31 1.80 23.23 19.27 2.04 2.31 1.80	A 329	2.01													
23163-4433	1	F CA	A 114885 B 114885	9.500 0.012 11.500 0.074	10.497 0.035	9.353 0.022		349.073 517 34 349.073 073 21	-44.549 089 22 -44.549 303 40	31.26 31.26	493.66 137.42 493.66 137.42	1.78 1.69 1.98 1.80 1.63 22.48 25.65 1.98 1.80 1.63	A 236	1.38													
23164+6407	1	F CA	A 114898 B 114898	8.205 0.026 8.285 0.028				349.097 953 20 349.098 054 20	+64.116 212 80 +64.116 273 58	4.57 4.57	16.33 -1.20 16.33 -1.20	2.76 3.35 0.91 0.86 0.93 3.52 4.05 0.91 0.86 0.93	A 36	0.270													
23165+6158	1	F CB P	A 114904 B 114904	6.687 0.075 9.275 0.814				349.112 710 76 349.112 707 63	+61.962 948 57 +61.962 981 59	1.87 1.87	0.58 -1.41 0.58 -1.41	2.27 5.11 0.59 0.61 0.57 25.33 34.83 0.59 0.61 0.57	A 357	0.12													
23166-0135	1	F CA	A 114914 B 114914	8.312 0.006 8.689 0.008	8.877 0.022 9.382 0.034	8.172 0.019 8.591 0.028		349.146 425 05 349.147 192 19	-1.586 570 79 -1.585 320 97	18.30 18.30	163.28 20.97 163.28 20.97	2.08 1.41 1.97 2.12 1.52 3.65 2.75 1.97 2.12 1.52	A 315.3	5.279													
23167+1937	1	F CA	A 114922 B 114922	11.931 0.101 12.081 0.116				349.165 981 53 349.165 944 05	+19.621 879 30 +19.621 817 66	31.50 31.50	-179.10 -181.39 -179.10 -181.39	26.10 14.77 3.85 3.62 3.29 18.29 10.68 3.85 3.62 3.29	A 210	0.26													
23167+3441	1	F CC	A 114927 B 114927	11.247 0.619 11.754 0.986				349.183 655 41 349.183 665 43	+34.680 159 86 +34.680 197 56	10.53 10.53	-14.80 -113.57 -14.80 -113.57	15.48 37.00 1.89 1.66 1.26 34.93 67.33 1.89 1.66 1.26	A 12	0.14													
23167-1534	1	F CA	A 114919 B 114919	9.559 0.101 10.313 0.202				349.163 457 33 349.163 429 33	-15.561 866 78 -15.561 815 28	1.14 1.14	37.29 -0.88 37.29 -0.88	6.57 10.01 2.03 2.05 2.47 11.69 17.35 2.03 2.05 2.47	A 332	0.21													
23167-3635	1	LND D	A 114923 B 114923	11.289 0.090 11.314 0.092				349.173 747 32 349.174 537 34	-36.586 077 71 -36.586 393 55	13.65 13.65	124.98 -102.66 214.70 -64.21	6.49 8.34 4.41 4.97 5.76 20.75 26.14 4.41 4.77 9.86	A 116.5	2.55 -1.7 +0.06													
23167-7532	1	F CA	A 114925 B 114925	9.672 0.120 10.442 0.243				349.181 396 25 349.181 480 21	-75.534 339 26 -75.534 380 14	6.91 6.91	71.13 -10.27 71.13 -10.27	7.12 7.98 1.04 0.98 0.93 13.80 17.67 1.04 0.98 0.93	A 153	0.17													
23168+6148	1	F NC G	A 114929 B 114929 C 114929	9.928 0.011 10.048 0.017 12.964 0.290				349.196 219 51 349.195 964 72 349.200 022 76	+61.799 437 46 +61.799 340 21 +61.800 080 53	4.26 4.26 4.26	-10.59 -0.78 -10.59 -0.78 -10.59 -0.78	4.49 4.25 2.33 2.56 2.25 2.77 2.74 2.33 2.56 2.25 62.95 61.69 2.33 2.56 2.25	A 231 70	0.557 6.87													
23170+2125	1	I CB	A 114955 B 114953	8.920 0.011 9.584 0.014	9.343 0.013 9.913 0.021	8.831 0.012 9.454 0.023		349.252 693 00 349.247 735 49	+21.410 922 90 +21.405 860 94	5.90 9.87	3.73 1.41 2.54 4.97	2.50 2.10 2.61 2.32 2.02 6.92 5.50 5.49 5.35 4.13	A 222.36	24.66 +0.01 0.00													
23171-1351	1	F CA	A 114962 B 114962	8.918 0.008 9.134 0.009				349.272 269 12 349.272 099 69	-13.848 100 55 -13.848 257 73	12.04 12.04	-502.28 -1190.23 -502.28 -1190.23	2.78 2.46 2.41 2.66 2.43 3.36 3.20 2.41 2.66 2.43	B 226.3	0.819													
23172-3229	1	F CA	A 114973 B 114973	10.501 0.014 10.987 0.021	11.200 0.104	10.176 0.064		349.291 442 23 349.291 721 51	-32.485 990 51 -32.486 287 03	1.70 1.70	46.95 -31.62 46.95 -31.62	4.88 4.30 4.06 4.62 5.22 16.67 8.71 4.06 4.62 5.22	A 142	1.36													
23174+3813	1	LND X	A 114994 B 114994 C 114994	10.279 0.035 11.641 0.120	10.832 0.037	10.281 0.038		349.356 642 91 349.352 689 06	+38.211 145 28 +38.213 801 52	-21.35 -21.35	4.74 29.03 73.22 -1.37	4.27 4.21 5.14 4.64 3.85 30.70 27.53 5.14 19.09 15.10	A 310.5	14.71 +0.1 -0.07													
23175+1652	1	F CA	A 115002 B 115002	9.192 0.016 10.383 0.045	9.442 0.024 10.383 0.053	9.004 0.029 9.673 0.059		349.379 633 23 349.379 913 07	+16.860 289 33 +16.860 840 25	8.14 8.14	11.45 -10.91 11.45 -10.91	2.38 2.13 2.28 2.37 2.39 12.57 6.86 2.28 2.37 2.39	A 25.9	2.21													
23175-4514	1	F CA	A 115001 B 115001	8.119 0.026 9.704 0.113				349.372 999 29 349.372 901 64	-45.232 355 11 -45.232 340 99	11.25 11.25	25.54 46.04 25.54 46.04	3.80 2.90 1.23 1.35 1.05 13.12 13.29 1.23 1.35 1.05	A 79	0.26													
23176+1818	1	F CA	A 115011 B 115011	7.011 0.009 8.798 0.048				349.405 510 32 349.405 598 88	+18.304 858 88 +18.304 819 37	6.23 6.23	-56.09 -37.26 -56.09 -37.26	2.41 2.72 1.31 1.58 1.14 11.43 17.42 1.31 1.58 1.14	A 115	0.33													
23176+3315	1	F CB	A 115006 B 115006	8.719 0.011 11.446 0.129	8.841 0.015	8.655 0.017		349.394 159 83 349.393 852 69	+33.248 888 49 +33.249 095 33	-0.19 -0.19	-7.14 -9.75 -7.14 -9.75	1.67 1.47 1.91 1.76 1.29 33.75 27.69 1.91 1.76 1.29	A 309	1.19													
23176-0131	1	L CA	A 115012 B 115012	8.296 0.006 9.639 0.020	8.862 0.017	8.086 0.014		349.406 115 93 349.406 255 69	-1.521 517 56 -1.521 110 53	18.10 18.10	260.35 -91.41 247.47 -78.84	1.82 1.28 1.76 1.73 1.21 8.12 5.94 1.76 6.82 4.12	A 18.9	1.549 -0.6 +0.008													
23176-3227	1	F CA	A 115010 B 115010	10.286 0.009 11.549 0.027				349.402 683 86 349.402 741 09	-32.446 246 69 -32.446 403 37	4.04 4.04	13.35 -0.36 13.35 -0.36	3.00 2.41 2.89 3.26 2.82 10.81 8.18 2.89 3.26 2.82	A 163	0.59													
23179-5429	1	F CA	A 115035 S 115035	10.134 0.160 10.891 0.322				349.481 474 83 349.481 557 57	-54.483 273 36 -54.483 258 04	2.28 2.28	40.45 -3.70 40.45 -3.70	11.76 6.07 1.50 0.95 0.95 28.93 13.02 1.50 0.95 0.95	A 72	0.18													
23179-8025	1	FND D	A 115028 B 115028	8.417 0.009 11.905 0.219	8.608 0.011	8.385 0.012		349.470 759 75 349.491 152 24	-80.424 791 19 -80.426 531 12	2.69 2.69	8.81 10.01 8.81 10.01	1.10 1.01 1.16 1.17 1.03 45.33 43.28 1.16 1.17 1.03	A 117.2	13.72													
23180-1621	1	F CA	A 115045 B 115045	10.214 0.020 10.619 0.029	10.495 0.064	10.079 0.070		349.506 537 96 349.506 919 36	-16.345 911 27 -16.346 128 34	0.51 0.51	-1.73 11.81 -1.73 11.81	3.82 4.44 4.06 4.30 4.88 7.13 8.85 4.06 4.30 4.88	A 120.7	1.53													
23184+4716	1	F CA	A 115067 B 115067	8.971 0.005 10.367 0.017	8.961 0.010 10.092 0.021	8.897 0.011 9.777 0.028		349.598 280 79 349.597 173 06	+47.261 684 93 +47.261 528 99	3.77 3.77	-1.85 -2.62 -1.85 -2.62	0.95 1.03 1.52 1.04 1.12 4.28 4.54 1.52 1.04 1.12	A 258.3	2.764													
23184-2500	1	FFD D	A 115068 B 115064	8.760 0.036 11.133 0.273	9.304 0.018	8.683 0.016		349.600 025 94 349.595 888 72	-25.002 230 02 -24.998 481 54	7.36 7.36	21.80 11.14 21.80 11.14	3.79 2.92 3.08 4.23 2.91 144.47 70.28 3.08 4.23 2.91	A 315.0	19.09													
23186+6807	1	L CA	A 115088 B 115088	5.033 0.002 7.280 0.015	5.999 0.008	4.961 0.005		349.655 862 10 349.654 349 02	+68.111 418 07 +68.110 703 22	15.48 15.48	54.88 10.91 45.70 13.19	0.54 0.57 0.55 0.55 0.56 4.58 4.28 0.55 2.97 2.50	A 218.28	3.278 +0.15 +0.004													



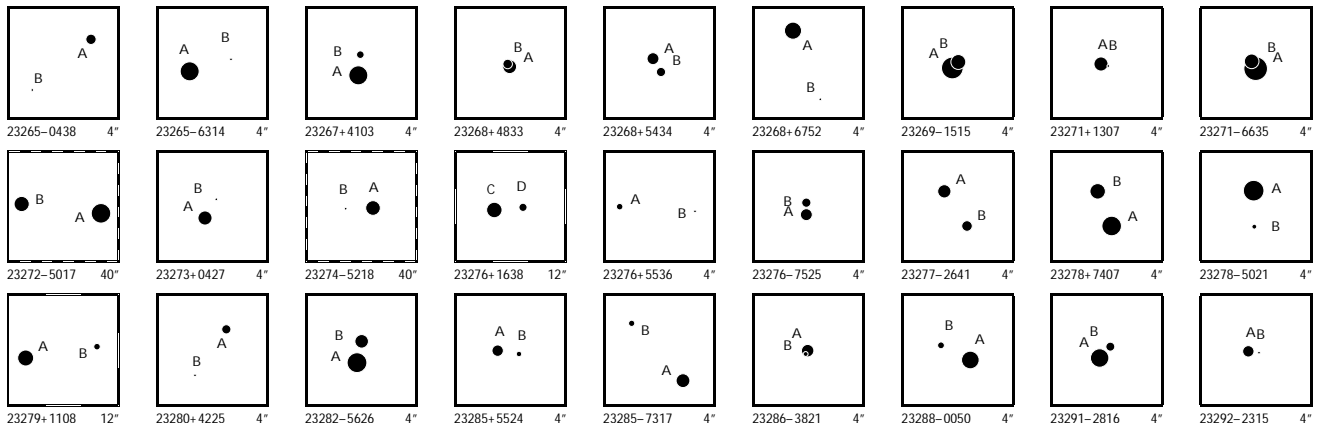
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
23188+7025	1	F	C	A 115097 B 115097	9.127 11.653	0.008 0.079					349.688 516 55 +70.421 825 72 349.687 851 15 +70.422 006 32	4.59 4.59	-19.74 -19.74	-6.25 -6.25	1.26 1.26 1.45 1.47 1.52 15.50 16.44 1.45 1.47 1.52	A 309	1.03									
23189+0525	1	L	C	A 115112 B 115112	8.477 9.599	0.003 0.008					349.725 774 44 +5.405 734 19 349.725 689 36 +5.405 892 72	30.76 30.76	435.35 483.81	-95.64 -111.34	1.79 1.33 1.74 1.67 1.37 5.26 3.56 1.74 5.29 3.49	A 331.9	0.647	+3.1	-0.037							
23190+4830	1	F	C	A 115114 B 115114	7.721 11.326	0.004 0.105	7.994 0.006 11.497 0.092	7.670 0.006 10.659 0.066			349.737 500 94 +48.495 909 58 349.738 994 28 +48.498 004 88	3.16 3.16	-10.22 -10.22	-5.33 -5.33	0.69 0.77 1.07 0.78 0.75 23.98 25.21 1.07 0.78 0.75	A 25.3	8.34									
23191+4855	1	F	C	A 115128 C 115128	7.349 11.200	0.005 0.160					349.781 871 42 +48.919 419 21 349.782 092 03 +48.919 375 94	7.32 7.32	77.40 77.40	7.06 7.06	1.17 1.10 1.26 0.85 0.95 36.12 51.73 1.26 0.85 0.95	A 107	0.54									
23194-3910	1	F	C	A 115146 B 115146	7.173 9.880	0.005 0.059					349.857 323 51 -39.158 385 26 349.857 458 34 -39.158 373 62	4.24 4.24	46.89 46.89	-31.33 -31.33	1.18 1.23 1.05 0.86 0.90 11.51 17.43 1.05 0.86 0.90	A 84	0.38									
23197-4619	1	F	C	A 115177 B 115177	8.323 10.541	0.005 0.037					349.927 044 05 -46.322 196 47 349.926 996 88 -46.322 406 54	2.76 2.76	11.21 11.21	-8.91 -8.91	1.37 1.21 1.47 1.45 1.10 14.22 9.90 1.47 1.45 1.10	A 189	0.77									
23198-5443	1	F	C	A 115181 B 115181	9.032 11.117	0.012 0.075	9.973 0.019 12.283 0.180	8.977 0.013 10.878 0.078			349.948 141 26 -54.716 926 90 349.952 813 98 -54.720 153 60	15.89 15.89	-207.87 -207.87	-134.16 -134.16	1.36 1.49 2.14 1.45 1.39 17.22 19.21 2.14 1.45 1.39	A 140.1	15.14									
23199+2844	1	F	C	A 115189 B 115189	9.240 9.944	0.072 0.138					349.964 798 14 +28.730 411 61 349.964 744 60 +28.730 373 36	7.17 7.17	10.54 10.54	-34.05 -34.05	6.73 5.29 1.37 1.07 0.82 11.43 8.80 1.37 1.07 0.82	A 231	0.22									
23199-8733	1	F	C	A 115193 B 115193	8.899 10.377	0.004 0.015	9.268 0.013	8.794 0.013			349.981 431 76 -87.556 290 96 349.986 813 98 -87.556 827 79	6.57 6.57	30.92 30.92	29.71 29.71	1.10 0.97 1.10 1.15 0.95 5.31 4.63 1.10 1.15 0.95	A 159.3	2.066									
23203-3719	1	F	C	A 115230 B 115230	9.481 11.478	0.021 0.130					350.087 178 32 -37.322 419 81 350.087 073 79 -37.322 393 68	6.10 6.10	-20.37 -20.37	-55.31 -55.31	4.08 2.73 2.02 1.50 1.65 16.60 22.26 2.02 1.50 1.65	A 287	0.31									
23204+5316	1	F	C	A 115232 B 115232	8.885 11.110	0.017 0.116	10.061 0.022 11.692 0.122	8.805 0.013 10.934 0.101			350.096 348 22 +53.262 541 01 350.104 020 01 +53.261 080 73	0.25 0.25	-11.99 -11.99	-4.07 -4.07	1.82 1.72 2.28 1.90 1.79 40.19 39.51 2.28 1.90 1.79	A 107.6	17.34									
23207+4407	1	F	C	A 115261 B 115261	6.301 10.268	0.005 0.203	6.428 0.003 10.971 0.063	6.261 0.003 10.133 0.046			350.183 775 90 +44.116 256 75 350.183 979 84 +44.112 506 00	12.50 12.50	-9.59 -9.59	-36.84 -36.84	0.72 0.76 1.05 0.70 0.76 49.00 55.90 1.05 0.70 0.76	A 177.8	13.51									
23208+0227	1	F	C	A 115273 B 115273 C 115273	7.905 10.554 11.256	0.012 0.128 0.253	8.361 0.013 9.035 0.017	7.826 0.009 8.722 0.013			350.210 197 51 +2.456 366 03 350.209 893 61 +2.455 396 62 350.209 751 42 +2.455 127 47	9.40 9.40 9.40	-11.82 -11.82 -11.82	-7.50 -7.50 -7.50	2.54 1.92 2.63 3.23 2.11 26.97 33.16 2.63 3.23 2.11 45.22 46.07 2.63 3.23 2.11	A 197.4 B 208	3.66 1.10									
23208+2158	1	F	C	A 115268 B 115268	8.242 8.831	0.004 0.007	8.442 0.009 9.035 0.017	8.151 0.009 8.722 0.013			350.203 656 23 +21.962 717 98 350.204 637 89 +21.962 852 88	4.19 4.19	1.08 1.08	-5.89 -5.89	1.15 1.10 1.50 1.18 1.20 2.86 2.31 1.50 1.18 1.20	A 81.57	3.313									
23209+1643	1	F	C	A 115279 B 115279	9.046 9.840	0.081 0.168					350.220 488 74 +16.710 911 36 350.220 439 01 +16.710 866 95	13.07 13.07	30.97 30.97	-78.23 -78.23	9.22 5.84 1.51 1.43 1.43 18.85 10.66 1.51 1.43 1.43	A 227	0.23									
23209-1833	1	F	C	A 115284 B 115284	7.387 8.910	0.004 0.016	8.566 0.017 9.310 0.028	7.296 0.011 8.828 0.027			350.233 235 02 -18.543 399 33 350.231 693 28 -18.543 065 55	5.75 5.75	-35.94 -35.94	-16.42 -16.42	1.59 0.97 1.35 1.69 1.22 5.66 4.22 1.35 1.69 1.22	A 282.9	5.40									
23210-3741	1	F	C	A 115290 B 115290	9.527 10.357	0.006 0.013	10.015 0.022 10.882 0.061	9.427 0.021 10.250 0.055			350.243 232 63 -37.687 337 13 350.242 384 45 -37.688 006 95	4.60 4.60	54.97 54.97	12.76 12.76	1.72 1.85 2.32 1.88 2.11 4.55 4.72 2.32 1.88 2.11	A 225.1	3.41									
23212+3527	1	L	C	A 115307 B 115307	9.190 9.960	0.009 0.017	10.518 0.045 11.336 0.084	9.097 0.023 9.815 0.034			350.305 090 07 +35.444 309 61 350.306 126 68 +35.442 589 11	2.46 2.46	0.16 21.99	4.96 -7.75	2.50 2.63 3.40 2.04 1.68 8.43 5.56 3.40 5.34 3.44	A 153.86	6.900	-0.12	+0.021							
23213+3835	1	F	C	A 115313 B 115313	7.616 10.156	0.022 0.224					350.322 500 03 +38.582 293 56 350.322 443 69 +38.582 351 61	3.63 3.63	-5.22 -5.22	-11.47 -11.47	2.38 2.83 1.11 0.88 0.77 20.06 19.03 1.11 0.88 0.77	A 323	0.26									
23214-1340	1	F	C	A 115321 B 115321	8.865 11.739	0.034 0.475					350.360 588 52 -13.658 383 07 350.360 676 79 -13.658 323 76	2.46 2.46	-7.48 -7.48	-16.90 -16.90	5.92 4.38 3.08 3.68 3.00 71.82 50.59 3.08 3.68 3.00	A 55	0.38									
23214-3442	1	F	C	A 115319 B 115319	11.152 11.390	0.020 0.025					350.349 276 55 -34.693 624 33 350.349 683 53 -34.693 478 29	8.31 8.31	-26.86 -26.86	-6.02 -6.02	4.31 3.48 5.14 4.56 4.45 9.07 6.58 5.14 4.56 4.45	A 66.4	1.31									
23216-2018	1	F	C	A 115329 B 115329	9.287 11.045	0.255 1.288					350.392 914 07 -20.295 426 14 350.392 861 54 -20.295 441 52	6.19 6.19	27.75 27.75	6.89 6.89	29.17 6.68 1.19 1.26 0.98 66.64 34.42 1.19 1.26 0.98	A 253	0.19									
23218-1216	1	F	C	A 115346 B 115346	10.259 11.401	0.012 0.033					350.461 234 08 -12.267 961 01 350.461 137 15 -12.267 875 63	12.82 12.82	36.64 36.64	-5.41 -5.41	3.27 3.31 3.31 3.43 3.37 9.94 10.77 3.31 3.43 3.37	A 312	0.46									
23219+3148	1	F	C	A 115355 B 115355	5.439 7.763	0.002 0.019					350.478 858 50 +31.812 481 17 350.478 912 65 +31.812 379 12	3.91 3.91	10.27 10.27	-6.81 -6.81	0.83 0.73 0.84 0.85 0.56 6.94 5.53 0.84 0.85 0.56	A 156	0.403									
23220+6431	1	F	C	A 115362 B 115362	8.210 9.811	0.164 0.718					350.511 938 68 +64.519 606 68 350.511 877 37 +64.519 589 51	1.96 1.96	5.62 5.62	-1.69 -1.69	7.87 5.76 0.68 0.63 0.67 29.57 23.13 0.68 0.63 0.67	A 237	0.11									
23220-4010	1	F	C	A 115358 B 115358	10.413 11.387	0.014 0.033					350.491 244 09 -40.174 299 62 350.491 358 76 -40.174 373 93	3.94 3.94	6.42 6.42	-5.04 -5.04	2.59 2.77 2.56 2.40 2.52 7.94 9.69 2.56 2.40 2.52	A 130	0.41									
23222+5605	1	F	C	A 115369 B 115369	8.673 11.424	0.005 0.063	8.732 0.012 11.396 0.121	8.642 0.014 10.855 0.134			350.550 654 20 +56.078 909 33 350.553 083 10 +56.080 185 58	2.43 2.43	15.77 15.77	-1.77 -1.77	1.26 1.20 1.48 1.87 1.41 19.38 21.31 1.48 1.87 1.41	A 46.7	6.70									



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
23223-2415	1	F	A	A 115377 B 115377	8.641 0.004 10.261 0.018							350.582 286 92 350.582 087 69	-24.250 498 93 -24.250 657 99	5.63 5.63	-14.74 -14.74	-13.63 -13.63	1.64 1.18 1.64 2.03 1.36 7.31 4.85 1.64 2.03 1.36					A	228.8	0.87			
23224-6516	1	F	C	A 115385 B 115385	8.310 0.123 10.027 0.599							350.605 658 62 350.605 731 62	-65.261 805 99 -65.261 783 02	7.93 7.93	31.31 31.31	5.84 5.84	4.52 5.74 0.80 0.64 0.67 41.31 25.92 0.80 0.64 0.67					A	53	0.14			
23226-4806	1	F	C	A 115402 B 115402	9.894 0.012 10.887 0.028							350.657 735 81 350.657 556 08	-48.096 262 43 -48.096 151 36	7.15 7.15	41.00 41.00	-166.90 -166.90	3.24 2.64 2.94 2.98 2.69 9.82 8.10 2.94 2.98 2.69					A	313	0.59			
23227-1502	1	F	C	A 115404 B 115404	5.587 0.111 6.720 0.315							350.662 910 94 350.662 944 80	-15.039 374 82 -15.039 395 15	13.75 13.75	119.67 119.67	17.49 17.49	8.07 8.20 1.04 1.20 0.85 25.99 28.53 1.04 1.20 0.85					A	122	0.14			
23228+2034	1	F	C	A 115417 B 115417	6.806 0.003 10.020 0.048	7.429 0.005 10.979 0.086	6.742 0.005 9.784 0.048						350.701 985 90 350.703 714 31	+20.558 972 53 +20.558 943 22	26.70 26.70	314.85 314.85	-10.91 -10.91	0.85 0.67 0.93 0.84 0.66 16.49 15.60 0.93 0.84 0.66					A	91.0	5.83		
23233-6352	1	F	C	A 115458 B 115458	9.583 0.009 11.924 0.073	9.971 0.020	9.548 0.021						350.825 917 34 350.829 762 48	-63.864 872 64 -63.863 486 09	7.11 7.11	44.98 44.98	6.57 6.57	1.73 1.87 2.23 1.87 1.73 23.16 21.09 2.23 1.87 1.73					A	50.7	7.88		
23234+6736	1	F	C	A 115467 B 115467	9.441 0.014 11.961 0.130	9.804 0.022	9.368 0.022						350.855 379 09 350.860 124 27	+67.605 803 99 +67.601 923 41	5.23 5.23	-13.64 -13.64	-3.87 -3.87	1.46 1.42 1.60 1.77 1.52 37.66 25.69 1.60 1.77 1.52					A	155.0	15.41		
23234-4657	1	F	C	A 115466 B 115466	10.398 0.017 12.021 0.075	10.784 0.049	10.250 0.049						350.848 857 88 350.848 527 32	-46.946 945 57 -46.946 212 05	5.22 5.22	14.27 14.27	12.13 12.13	3.06 2.66 3.15 3.47 3.04 18.73 21.67 3.15 3.47 3.04					A	342.9	2.76		
23235+4548	1	I	C	A 115470 B 115470	8.753 0.006 9.444 0.008	9.757 0.016 10.666 0.034	8.663 0.011 9.393 0.018						350.869 492 92 350.877 238 54	+45.793 260 87 +45.788 543 86	32.06 23.39	194.17 178.41	-4.71 -10.78	1.18 1.39 1.54 1.16 1.41 4.04 4.89 4.09 3.21 3.86					A	131.13	25.815	+0.03	-0.008
23237-2835	1	F	C	A 115490 B 115490	8.857 0.058 9.586 0.113							350.929 705 34 350.929 664 14	-28.583 264 86 -28.583 310 15	5.74 5.74	16.05 16.05	-0.96 -0.96	7.25 4.55 1.27 1.20 1.13 14.94 7.99 1.27 1.20 1.13					A	219	0.21			
23238-0828	1	L	C	A 115495 B 115495	7.341 0.004 7.940 0.007	8.560 0.014 8.564 0.015	7.224 0.008 7.835 0.012						350.938 815 29 350.939 421 22	-8.460 070 63 -8.461 461 92	6.25 6.25	5.27 75.12	-17.62 -51.73	1.83 1.45 1.79 2.39 1.49 3.80 2.46 1.79 5.85 2.40					A	156.69	5.454	-0.53	+0.059
23239-5349	1	I	C	P	A 115510 B 115506	6.207 0.004 7.201 0.006	6.442 0.003 7.383 0.005	6.154 0.003 7.107 0.006					350.976 867 37 350.970 276 29	-53.808 655 50 -53.814 889 61	6.79 9.19	73.85 71.41	-34.77 -33.20	1.08 1.30 1.43 1.19 1.20 2.32 2.94 2.44 2.01 1.94					A	211.97	26.457	+0.01	0.000
23240-2717	1	F	C	A 115518 B 115518	7.785 0.006 11.252 0.137	7.743 0.006 11.644 0.151	7.757 0.009 10.697 0.087						351.006 554 39 351.004 465 34	-27.280 866 00 -27.280 935 06	5.51 5.51	12.59 12.59	6.46 6.46	1.07 0.94 1.19 1.29 1.13 29.99 21.20 1.19 1.29 1.13					A	267.9	6.69		
23241+5732	1	F	C	A 115529 B 115529	7.493 0.015 7.755 0.019							351.032 940 42 351.033 082 35	+57.535 515 07 +57.535 468 95	1.92 1.92	5.95 5.95	-2.45 -2.45	1.72 1.53 0.81 0.86 0.85 2.35 2.48 0.81 0.86 0.85					A	121	0.321			
23243+0343	1	F	C	A 115544 B 115544	6.897 0.003 9.372 0.029	8.324 0.011 9.927 0.087	6.849 0.006 9.298 0.082						351.068 617 56 351.067 098 04	+3.715 581 02 +3.714 314 00	5.44 5.44	-2.72 -2.72	-28.03 -28.03	1.15 0.74 1.22 1.47 0.84 11.81 7.96 1.22 1.47 0.84					A	230.1	7.11		
23243+8625	1	F	C	P	A 115550 B 115550	6.709 0.004 10.681 0.132	6.963 0.005	6.643 0.006					351.087 136 78 351.092 139 71	+86.417 745 05 +86.417 149 08	7.35 7.35	-20.73 -20.73	17.69 17.69	0.61 0.57 0.61 0.62 0.53 30.34 23.82 0.61 0.62 0.53					A	152	2.42		
23244+1429	1	F	C	B	A 115552 B 115552	7.736 0.006 10.648 0.077	8.162 0.011	7.643 0.011					351.099 453 18 351.099 333 23	+14.479 131 43 +14.479 490 25	8.26 8.26	17.06 17.06	-15.35 -15.35	1.32 1.37 1.46 1.19 1.31 22.54 36.47 1.46 1.19 1.31					A	342	1.36		
23247-5938	1	F	C	A 115581 B 115581	9.514 0.050 10.982 0.193							351.183 691 32 351.183 581 60	-59.634 573 51 -59.634 619 51	11.82 11.82	-18.58 -18.58	18.68 18.68	6.25 5.45 1.60 1.20 1.30 18.14 18.54 1.60 1.20 1.30					A	230	0.26			
23249-3810	1	F	C	A 115594 B 115594	9.820 0.006 11.204 0.019							351.229 041 51 351.229 204 12	-38.160 659 02 -38.160 822 05	4.11 4.11	41.49 41.49	-21.32 -21.32	2.02 2.03 2.78 2.23 2.27 7.22 9.10 2.78 2.23 2.27					A	142	0.75			
23251+2657	1	F	C	A 115603 B 115603	10.724 0.033 12.291 0.138	11.258 0.062	10.581 0.055						351.269 240 48 351.269 430 95	+26.957 412 24 +26.956 773 65	5.80 5.80	-14.04 -14.04	-103.04 -103.04	14.11 10.07 7.28 11.31 7.63 42.91 32.40 7.28 11.31 7.63					A	165	2.38		
23255-5527	1	F	C	A 115636 B 115636	9.349 0.008 12.122 0.094	9.646 0.013	9.246 0.013						351.378 590 25 351.378 816 26	-55.452 211 72 -55.451 758 93	6.06 6.06	3.29 3.29	11.43 11.43	1.29 1.38 2.08 1.51 1.34 26.47 25.71 2.08 1.51 1.34					A	16	1.69		
23256-2556	1	F	C	A 115642 B 115642	9.950 0.195 11.975 1.262							351.398 231 66 351.398 229 50	-25.935 497 63 -25.935 452 67	-1.64 -1.64	11.50 11.50	-9.42 -9.42	6.87 14.51 1.45 1.89 1.32 45.06 96.72 1.45 1.89 1.32					A	358	0.16			
23256-8333	1	F	C	A 115641 B 115641	9.832 0.007 10.457 0.012	10.159 0.023 10.850 0.053	9.665 0.023 10.191 0.047						351.394 510 41 351.401 453 12	-83.550 869 63 -83.550 658 81	3.16 3.16	68.40 68.40	-15.04 -15.04	2.15 1.59 1.91 2.42 1.62 5.11 4.59 1.91 2.42 1.62					A	74.9	2.908		
23257+2457	1	F	C	A 115646 B 115646	7.058 0.005 11.249 0.216							351.414 347 34 351.414 423 22	+24.953 770 90 +24.953 941 15	6.52 6.52	21.67 21.67	-15.83 -15.83	0.87 0.81 1.01 0.78 0.68 60.93 27.27 1.01 0.78 0.68					A	22	0.66			
23257+6804	1	F	N	D	A 115650 B 115650	10.645 0.556 10.895 0.699						351.424 287 81 351.424 208 68	+68.070 769 54 +68.070 774 21	2.73 2.73	-4.21 -4.21	-3.74 -3.74	24.89 11.36 1.07 1.16 1.05 39.38 14.76 1.07 1.16 1.05					A	279	0.11			
23257-4254	1	F	C	P	A 115647 B 115647	8.802 0.007 9.526 0.014						351.419 000 19 351.419 005 55	-42.899 714 05 -42.899 835 84	2.87 2.87	10.50 10.50	-29.38 -29.38	1.61 1.71 1.68 1.32 1.52 4.39 3.44 1.68 1.32 1.52					A	178	0.439			
23260+2742	1	F	C	A 115666 B 115666	8.574 0.007 8.725 0.008							351.498 851 72 351.498 731 59	+27.707 171 90 +27.707 067 85	7.28 7.28	-6.73 -6.73	-13.54 -13.54	1.88 1.72 2.14 1.74 1.45 3.11 2.62 2.14 1.74 1.45					A	225.6	0.536			

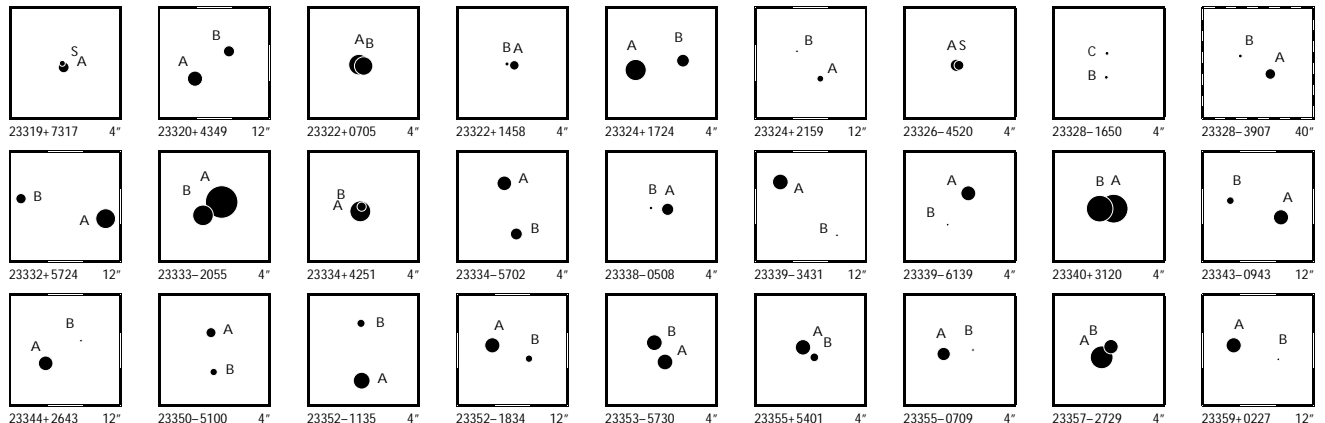


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
23265-0438	1	FND	D	A 115700 B 115700	9.748 12.825	0.015 0.251	10.220 9.674	0.046 0.045	351.628 084 09 351.628 689 13	-4.636 102 30 -4.636 623 23	2.68 2.68	24.73 24.73	-16.17 -16.17	2.45 70.94	2.15 72.06	2.11 2.11	3.22 3.22	1.89 1.89	A	131	2.87					
23265-6314	1	FND	D	A 115698 B 115698	7.811 11.450	0.005 0.142	7.967 7.759	0.007 0.007	351.615 502 79 351.614 549 84	-63.236 915 53 -63.236 790 86	6.54 6.54	-4.05 -4.05	11.57 11.57	0.79 28.80	0.83 30.35	0.97 0.90	0.80 0.80	0.82 0.82	A	286	1.61					
23267+4103	1	FCA		A 115723 B 115723	7.809 10.303	0.003 0.028			351.680 539 23 351.680 508 00	+41.045 943 85 +41.046 154 18	10.05 10.05	33.75 33.75	-18.12 -18.12	0.81 7.94	0.85 6.33	1.15 1.15	0.78 0.78	0.82 0.82	A	354	0.76					
23268+4833	1	FCA		A 115730 B 115730	8.954 9.916	0.135 0.327			351.690 792 13 351.690 824 88	-48.547 647 61 +48.547 675 27	1.59 1.59	-3.22 -3.22	-2.73 -2.73	5.08 13.58	6.53 16.63	1.17 1.17	0.76 0.76	0.83 0.83	A	38	0.13					
23268+5434	1	FCA		A 115733 B 115733	9.361 9.945	0.006 0.010			351.702 199 66 351.702 058 28	+54.559 844 59 +54.559 710 20	5.48 5.48	2.66 2.66	-1.14 -1.14	1.91 4.18	2.38 2.43	2.43 1.91	2.42 2.42	A	211	0.567						
23268+6752	1	FCB		A 115735 B 115735	8.218 11.876	0.005 0.145	8.516 8.149	0.011 0.011	351.709 308 83 351.708 573 65	+67.866 817 58 +67.866 116 44	5.03 5.03	1.25 1.25	6.65 6.65	0.87 32.36	0.93 34.19	1.00 1.00	1.04 1.04	0.95 0.95	A	202	2.71					
23269-1515	1	FCA		A 115742 B 115742	7.224 8.670	0.011 0.043			351.737 679 94 351.737 618 01	-15.247 697 54 -15.247 636 33	8.46 8.46	28.01 28.01	-10.92 -10.92	1.89 6.71	1.82 6.64	1.25 1.25	1.49 1.49	1.01 1.01	A	316	0.31					
23271+1307	1	FCB		A 115751 B 115751	8.875 11.423	0.040 0.417			351.767 218 19 351.767 134 44	+13.110 912 78 +13.110 895 26	8.50 8.50	20.77 20.77	-51.68 -51.68	6.72 51.44	3.04 30.98	1.53 1.53	1.47 1.47	1.31 1.31	A	258	0.30					
23271-6635	1	FCA		A 115756 B 115756	6.762 8.743	0.010 0.062			351.781 109 71 351.781 205 12	-66.580 864 67 -66.580 790 62	3.68 3.68	-27.38 -27.38	-12.97 -12.97	1.61 9.81	1.85 8.03	0.84 0.84	0.77 0.77	0.67 0.67	A	27	0.30					
23272-5017	1	IND	D	A 115762 B 115765	7.698 8.621	0.006 0.011	9.040 10.398	0.011 0.026	7.626 8.569	0.007 0.011	351.795 609 96 351.808 323 39	-50.279 625 44 -50.278 707 47	3.43 2.69	113.20 -7.55	-35.05 -7.33	1.34 4.52	1.29 4.11	1.55 3.54	1.39 6.84	1.17 3.40	A	83.56	29.434	-0.08	-0.117	
23273+0427	1	FCC		A 115779 B 115779	8.878 12.438	0.017 0.434			351.837 282 71 351.837 168 07	+4.450 256 34 +4.450 446 68	17.44 17.44	-22.85 -22.85	-94.39 -94.39	2.06 70.53	1.96 61.96	2.12 2.12	1.88 1.88	1.79 1.79	A	329	0.80					
23274-5218	1	FFC		A 115780 B 115781	8.786 13.432	0.011 0.769	9.759 8.703	0.018 0.012	351.843 086 11 351.847 877 74	-52.303 008 98 -52.303 097 00	26.90 26.90	-59.33 -59.33	-164.13 -164.13	2.54 213.59	2.51 217.94	3.06 3.06	2.45 2.45	2.15 2.15	A	92	10.55					
23276+1638	1	FFD	D	C 115800 D 115800	8.561 10.200	0.005 0.023	8.989 8.441	0.013 0.012	351.902 055 97 351.901 135 74	+16.628 909 86 +16.629 003 31	13.20 13.20	39.02 39.02	-10.77 -10.77	1.88 7.82	1.25 4.46	2.01 2.01	1.89 1.89	1.17 1.17	C	276.0	3.19					
23276+5536	1	FCA		A 115798 B 115798	10.548 12.389	0.011 0.055	10.638 10.571	0.044 0.069	351.894 309 87 351.892 942 40	+55.599 261 93 +55.599 207 76	-0.26 -0.26	-2.26 -2.26	-5.04 -5.04	1.75 16.05	1.73 14.56	2.11 2.11	2.43 2.43	2.43 2.43	A	266.0	2.79					
23276-7525	1	FCA		A 115801 B 115801	9.333 9.957	0.008 0.015			351.902 037 08 351.902 010 30	-75.418 920 13 -75.418 807 40	5.70 5.70	64.93 64.93	24.65 24.65	1.96 4.89	1.90 3.71	1.68 1.68	1.60 1.60	1.65 1.65	A	357	0.407					
23277-2641	1	FCA		A 115815 B 115815	9.085 9.659	0.009 0.015	9.344 9.861	0.027 0.048	8.824 9.299	0.027 0.048	351.938 570 22 351.938 314 45	-26.678 379 05 -26.678 741 26	6.63 6.63	47.33 47.33	-0.20 -0.20	6.42 2.09	1.72 3.97	2.25 2.25	2.75 2.75	2.09 2.09	A	212.3	1.54			
23278+7407	1	LCA		A 115810 B 115810	7.691 8.579	0.005 0.011	7.812 7.513	0.019 0.022	351.928 739 04 351.929 286 81	+74.119 302 88 +74.119 659 87	8.68 8.68	61.86 57.03	19.44 13.10	1.09 3.71	1.01 3.97	0.98 0.98	1.08 2.85	0.82 2.17	A	22.8	1.394	-0.1	-0.008			
23278-5021	1	FCB		A 115822 B 115822	7.413 10.946	0.007 0.181	8.367 7.324	0.009 0.005	351.960 769 33 351.960 755 13	-50.343 680 99 -50.344 050 52	5.82 5.82	-14.26 -14.26	2.11 2.11	0.92 31.35	1.00 38.65	1.34 1.34	1.07 1.07	0.92 0.92	A	181	1.33					
23279+1108	1	FCA		A 115825 B 115825	8.457 10.555	0.005 0.034	8.977 11.075	0.017 0.095	8.377 10.444	0.016 0.097	351.983 712 75 351.981 444 91	+11.136 144 41 +11.136 465 10	11.53 11.53	33.17 33.17	-21.13 -21.13	1.35 10.28	1.06 9.12	1.37 1.37	1.35 1.35	1.16 1.16	A	278.2	8.09			
23280+4225	1	FCA		A 115831 B 115831	9.969 11.689	0.008 0.040	10.237 9.896	0.019 0.021	351.996 287 78 351.996 723 26	-42.418 666 60 +42.418 190 51	0.79 0.79	-6.44 -6.44	-10.57 -10.57	1.31 10.16	1.51 8.46	2.34 2.34	1.27 1.27	1.49 1.49	A	146.0	2.07					
23282-5626	1	LCA		A 115848 B 115848	7.645 8.984	0.003 0.009			352.055 197 35 352.055 115 48	-56.436 439 04 -56.436 215 71	6.47 6.47	82.46 86.72	-66.17 -62.15	0.76 3.56	0.93 3.57	1.15 1.15	0.64 1.86	0.79 2.05	A	348.5	0.820	+0.3	+0.003			
23285+5524	1	FCA		A 115872 B 115872	9.483 10.816	0.005 0.017			352.136 726 90 352.136 324 03	+55.403 422 09 +55.403 384 93	1.04 1.04	-2.42 -2.42	-7.20 -7.20	1.38 5.95	1.23 5.91	1.60 1.60	1.85 1.85	1.73 1.73	A	260.8	0.83					
23285-7317	1	FCA	P	A 115863 B 115863	8.945 10.648	0.006 0.028	9.129 10.323	0.012 0.046	8.835 9.945	0.014 0.054	352.113 106 84 352.114 929 76	-73.278 898 44 -73.278 308 25	3.69 3.69	13.49 13.49	2.36 2.36	1.15 7.24	1.13 6.96	1.32 1.32	1.20 1.20	1.21 1.21	A	41.6	2.84			
23286-3821	1	FCB		A 115876 B 115876	9.223 10.920	0.128 0.611			352.144 144 46 352.144 179 05	-38.343 092 98 -38.343 125 33	6.69 6.69	9.29 9.29	-39.54 -39.54	5.91 30.76	7.24 35.51	1.08 1.08	1.06 1.06	0.87 0.87	A	140	0.15					
23288-0050	1	FCA		A 115891 B 115891	8.088 10.470	0.004 0.033	8.441 7.925	0.015 0.014	352.192 754 71 352.193 060 79	-0.835 328 22 -0.835 175 93	12.27 12.27	-130.62 -130.62	-111.20 -111.20	1.40 13.50	1.03 12.77	1.44 1.44	1.66 1.66	1.29 1.29	A	64	1.23					
23291-2816	1	FCA		A 115916 B 115916	7.896 10.025	0.003 0.019			352.276 921 25 352.276 802 29	-28.263 893 01 -28.263 775 85	4.48 4.48	-26.22 -26.22	-29.06 -29.06	1.04 6.66	0.87 6.44	1.12 1.12	1.06 1.06	0.90 0.90	A	318	0.566					
23292-2315	1	FCA		A 115922 B 115922	9.471 11.724	0.014 0.107			352.296 030 60 352.295 911 57	-23.244 424 28 -23.244 440 30	5.13 5.13	-22.86 -22.86	-38.82 -38.82	2.99 22.03	1.95 17.30	1.95 1.95	2.93 2.93	1.83 1.83	A	262	0.40					

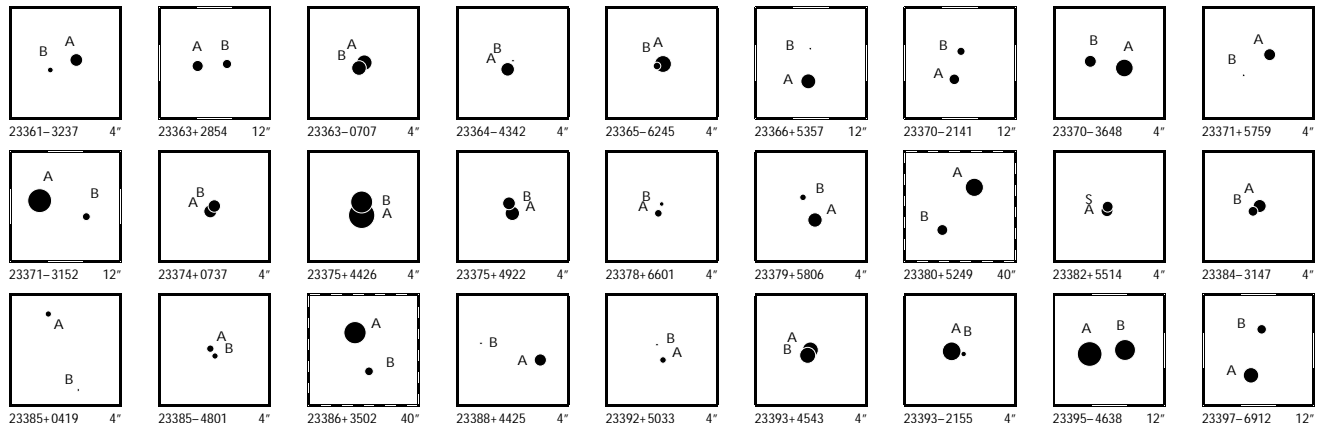


System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry											
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _{α*}	μ _δ	α*	δ	π	μ _{α*}	μ _δ	θ	ρ	dθ/dt	dp/dt					
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
23293-8543	1	F	A	115928	7.627	0.003	8.680	0.009	7.562	0.007	352.318	011 70	-85.709	400 10	1.40	4.99	-9.12	0.64	0.72	0.75	0.81	0.75	A	61.5	2.87			
			B	115928	11.099	0.078	9.595	0.090	8.528	0.056	352.327	379 73	-85.709	018 78	1.40	4.99	-9.12	17.17	19.24	0.75	0.81	0.75						
23294+5241	1	F	A	115939	9.100	0.007	9.062	0.012	9.051	0.016	352.356	092 30	+52.675	973 61	1.90	1.68	-0.49	1.12	1.29	1.67	1.23	1.45	A	261	3.19			
			B	115939	12.739	0.179					352.354	648 75	+52.675	827 35	1.90	1.68	-0.49	45.51	52.32	1.67	1.23	1.45						
23296-4001	1	F	A	115957	8.994	0.260					352.399	869 17	-40.018	016 47	7.83	-22.39	1.63	12.01	10.86	1.08	0.80	0.96	A	19	0.12			
			B	115957	10.184	0.779					352.399	883 66	-40.017	984 13	7.83	-22.39	1.63	24.86	52.30	1.08	0.80	0.96						
23298-7619	1	F	A	115967	8.483	0.005					352.437	345 65	-76.325	030 70	9.39	54.21	-10.57	1.00	1.03	0.95	0.95	0.79	A	35	0.54			
			B	115967	11.648	0.090					352.437	709 69	-76.324	906 24	9.39	54.21	-10.57	18.31	15.75	0.95	0.95	0.79						
23299-2034	1	F	A	115981	8.876	0.248					352.475	815 65	-20.575	779 16	3.83	1.16	5.08	5.05	9.28	2.25	2.32	2.52	A	10	0.19			
			B	115981	9.553	0.476					352.475	824 99	-20.575	727 34	3.83	1.16	5.08	21.00	26.37	2.25	2.32	2.52						
			C	115983	11.415	0.502	11.241	0.131	10.630	0.129	352.477	797 59	-20.570	443 13	3.83	1.16	5.08	79.75	77.73	2.25	2.32	2.52	A	19.2	20.34			
23301-2240	1	F	A	115994	8.476	0.006	8.538	0.027	8.263	0.029	352.519	390 13	-22.658	927 61	6.78	38.51	0.21	1.85	1.33	1.66	2.53	1.48	A	44.1	1.20			
			B	115994	9.877	0.022					352.519	641 10	-22.658	689 00	6.78	38.51	0.21	6.23	7.39	1.66	2.53	1.48						
23302-3623	1	F	A	115999	10.280	0.011					352.544	732 56	-36.390	551 65	2.59	18.66	-24.35	3.01	2.76	3.10	3.09	2.96	A	16	0.76			
			B	115999	11.679	0.036					352.544	804 29	-36.390	349 49	2.59	18.66	-24.35	18.38	10.66	3.10	3.09	2.96						
23304+3050	1	F	A	116017	8.138	0.099					352.609	563 66	+30.831	852 18	9.68	77.63	-33.21	5.90	4.16	1.50	1.31	1.05	B	246	0.25			
			B	116017	8.351	0.121					352.609	490 49	+30.831	824 00	9.68	77.63	-33.21	6.52	3.34	1.50	1.31	1.05	B	203.1	18.90			
			C	116016	9.855	0.128	10.556	0.041	9.754	0.032	352.607	162 77	+30.827	023 92	9.68	77.63	-33.21	22.70	19.28	1.50	1.31	1.05						
23306-3657	1	F	A	116024	8.121	0.006					352.642	483 90	-36.957	464 24	4.74	21.23	5.03	2.23	1.70	1.80	2.21	1.65	A	292	0.53			
			B	116024	9.586	0.021					352.642	313 78	-36.957	408 73	4.74	21.23	5.03	6.89	10.24	1.80	2.21	1.65						
23307+0515	1	I	A	116035	7.830	0.009	7.997	0.014	7.764	0.019	352.669	875 29	+5.249	446 78	8.35	1.07	-13.05	3.98	2.46	3.38	4.37	2.61	A	184.61	10.790	-0.18	+0.004	
			B	116036	8.433	0.015	8.671	0.023	8.300	0.024	352.669	633 20	+5.246	459 23	-2.84	35.06	-19.38	8.44	5.32	5.68	8.05	4.52						
23307+6419	1	F	A	116038	8.752	0.005					352.677	798 77	+64.321	812 18	5.47	3.87	-6.46	1.15	1.27	1.34	1.16	1.41	A	337.8	0.620			
			B	116038	9.767	0.011					352.677	648 38	+64.321	971 49	5.47	3.87	-6.46	3.87	3.42	1.34	1.16	1.41						
23308+5155	1	F	A	116046	10.714	0.019	11.198	0.053	10.610	0.050	352.706	572 78	+51.924	512 26	5.99	-11.00	-4.65	2.14	2.29	3.09	2.38	2.56	A	35	4.07			
			B	116046	13.757	0.315					352.707	636 21	+51.925	432 41	5.99	-11.00	-4.65	77.35	79.59	3.09	2.38	2.56						
23309+0929	1	F	A	116055	8.902	0.019	9.272	0.021	8.631	0.019	352.732	773 63	+9.482	135 84	5.40	67.07	-32.51	2.76	2.02	2.54	2.74	1.71	A	215.4	1.43			
			B	116055	9.785	0.042					352.732	540 47	+9.482	110 82	5.40	67.07	-32.51	9.40	9.72	2.54	2.74	1.71						
23309-5807	1	L	A	116056	9.305	0.007	9.514	0.017	8.965	0.015	352.735	424 61	-58.112	247 93	11.16	-43.07	-8.71	1.70	1.76	2.06	1.39	1.52	A	118.2	1.35	+0.2	-0.01	
			B	116056	10.008	0.012	10.175	0.112	9.469	0.037	352.736	048 36	-58.112	424 75	11.16	-57.42	-6.49	5.45	5.44	2.06	5.06	4.05						
23311+1818	1	F	A	116067	9.167	0.009	9.297	0.015	9.164	0.018	352.773	866 97	+18.299	163 92	2.02	11.43	-9.49	2.09	1.54	2.26	2.11	1.52	A	81	2.10			
			B	116067	12.897	0.285					352.774	472 38	+18.299	258 91	2.02	11.43	-9.49	96.07	70.84	2.26	2.11	1.52						
23311+1847	1	F	A	116065	7.902	0.004	8.071	0.008	7.891	0.009	352.771	477 24	+18.778	955 21	7.37	-8.39	-10.08	1.26	0.85	1.23	1.25	0.84	A	100.6	2.23			
			B	116065	10.204	0.033	10.079	0.063	9.593	0.054	352.772	121 34	+18.778	841 28	7.37	-8.39	-10.08	9.07	7.37	1.23	1.25	0.84						
23311-3317	1	I	A	116068	9.417	0.007	9.767	0.025	9.296	0.024	352.774	988 51	-33.288	398 68	7.63	11.33	5.19	2.70	2.42	2.61	2.81	2.40	A	297.1	10.18	-0.1	+0.01	
			B	116064	10.987	0.085	11.259	0.087	10.797	0.085	352.771	978 36	-33.287	110 82	8.24	-0.09	-2.76	13.00	12.37	10.61	11.05	9.32						
23311-7408	1	F	A	116066	8.316	0.006					352.773	445 99	-74.134	564 57	11.88	42.34	19.87	1.13	1.09	1.28	1.17	1.13	A	252.9	1.04			
			B	116066	10.138	0.030					352.772	437 66	-74.134	649 41	11.88	42.34	19.87	7.45	7.41	1.28	1.17	1.13						
23313+4204	1	F	A	116081	9.040	0.009	9.060	0.013	9.017	0.017	352.831	358 15	+42.068	820 25	3.80	-5.06	-5.38	1.03	1.26	1.53	0.96	1.06	A	89	7.49			
			B	116081	13.238	0.400					352.834	158 96	+42.068	852 82	3.80	-5.06	-5.38	76.95	80.92	1.53	0.96	1.06						
23313-5400	1	F	A	116075	9.872	0.027					352.820	154 34	-53.995	192 49	4.02	34.68	-44.98	2.18	3.33	1.96	1.35	1.51	A	169	0.333			
			S	116075	10.379	0.043					352.820	184 61	-53.995	283 33	4.02	34.68	-44.98	5.22	6.01	1.96	1.35	1.51						
23314+1614	1	F	A	116091	8.130	0.005	8.617	0.009	8.042	0.009	352.852	722 11	+16.218	769 40	4.49	57.37	-20.17	1.59	0.93	1.50	1.54	0.90	A	307.97	8.62			
			B	116091	9.473	0.016	9.774	0.018	9.329	0.018	352.850	755 88	+16.220	242 61	4.49	57.37	-20.17	7.06	4.13	1.50	1.54	0.90						
23314-4210	1	F	A	116096	8.676	0.011					352.857	685 72	-42.159															

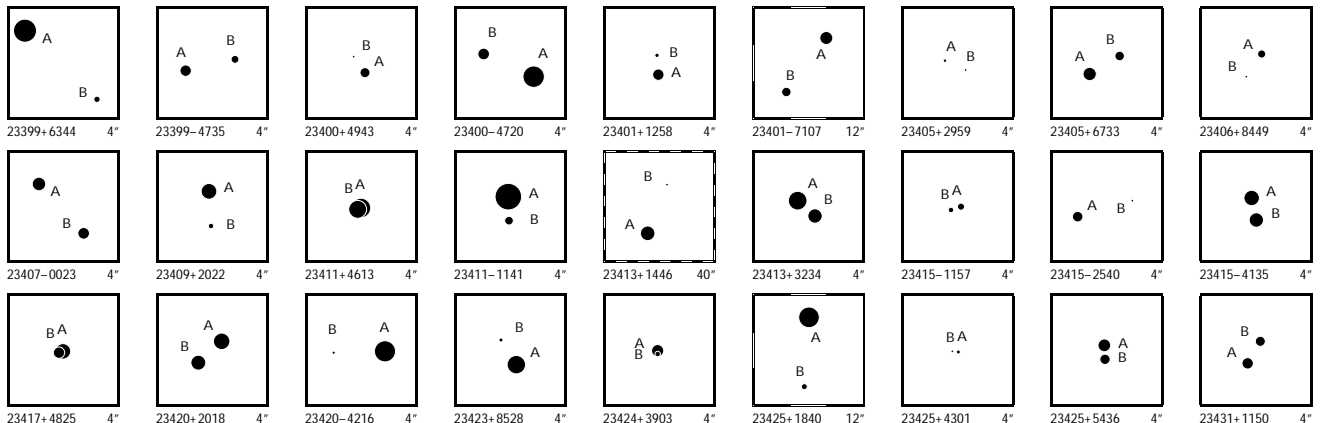
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B_T	σ	V_T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
23319+7317	1	F CA	A 116133 S 116133	9.609 10.692	0.133 0.361						352.966 338 77 352.966 400 28	+73.280 104 96 +73.280 143 24	4.25 4.25	39.24 39.24	-0.26 -0.26	5.86 15.97	8.98 22.64	0.90 0.90	0.95 0.95	0.81 0.81	A	25		0.15		
23320+4349	1	F CA P	A 116153 B 116153	8.630 9.550	0.006 0.012	8.774 9.638	0.012 0.026	8.562 9.354	0.014 0.029		353.005 502 20 353.004 047 25	+43.822 374 10 +43.823 217 41	3.38 3.38	-10.90 -10.90	-6.05 -6.05	1.22 4.92	1.40 4.43	1.79 1.79	1.17 1.17	1.25 1.25	A	308.8		4.85		
23322+0705	1	F CA	A 116164 B 116164	7.455 7.918	0.169 0.258						353.052 983 55 353.052 940 26	+7.085 018 10 +7.085 010 96	13.00 13.00	-23.08 -23.08	-52.79 -52.79	13.60 17.59	7.01 11.59	1.04 1.04	1.03 1.03	0.70 0.70	A	261		0.16		
23322+1458	1	F FD D	A 116167 B 116167	9.919 11.070	0.046 0.132						353.061 194 27 353.061 275 97	+14.969 106 05 +14.969 118 98	5.17 5.17	-38.42 -38.42	-6.99 -6.99	10.88 21.35	5.93 18.41	1.72 1.72	1.74 1.74	0.99 0.99	A	81		0.29		
23324+1724	1	F CA	A 116180 B 116180	7.301 9.196	0.003 0.018	7.608 9.294	0.008 0.041	7.195 8.851	0.006 0.036		353.102 775 14 353.102 265 45	+17.404 226 79 +17.404 319 48	6.95 6.95	39.78 39.78	-19.37 -19.37	1.01 5.79	0.68 4.04	1.02 1.02	0.95 0.95	0.65 0.65	A	280.8		1.78		
23324+2159	1	F CA	A 116175 B 116175	10.509 12.786	0.012 0.100	11.242 10.463	0.056 0.044				353.093 741 83 353.094 505 57	+21.985 868 43 +21.986 738 23	5.33 5.33	198.52 198.52	41.47 41.47	2.60 39.60	2.32 36.24	2.93 2.93	3.06 3.06	2.23 2.23	A	39.2		4.04		
23326-4520	1	F ND D	A 116193 B 116193	9.325 9.863	0.708 1.163						353.137 672 57 353.137 636 36	-45.331 820 61 -45.331 851 02	6.82 6.82	-33.97 -33.97	-29.74 -29.74	25.36 58.06	8.83 14.46	1.30 1.30	1.02 1.02	0.74 0.74	A	270		0.09		
23328-1650	1	F ND D	A 116191 C 116191	11.139 11.165	0.089 0.091						353.193 584 33 353.193 575 44	-16.752 931 85 -16.752 682 37	-16.55 -16.55	545.43 545.43	326.62 326.62	21.94 18.57	18.93 15.51	13.75 13.75	25.56 25.56	22.38 22.38	B	358		0.90		
23328-3907	1	I CA	A 116211 B 116214	9.643 11.150	0.012 0.044	9.954 11.579	0.039 0.113	9.584 10.823	0.041 0.091		353.199 925 65 353.203 917 24	-39.115 657 49 -39.113 851 02	0.10 2.19	12.84 13.54	8.19 -0.26	3.03 20.75	3.37 18.61	3.49 8.59	2.91 14.47	3.56 12.69	A	59.7	12.91	0.0	0.00	
23332+5724	1	F CA	A 116243 B 116243	7.613 9.728	0.004 0.027	8.475 10.286	0.010 0.046	7.529 9.571	0.008 0.038		353.301 311 24 353.306 157 65	+57.408 033 73 +57.408 649 21	10.42 10.42	-100.37 -100.37	-35.69 -35.69	0.88 8.54	0.85 6.20	1.06 1.06	0.96 0.96	0.89 0.89	A	76.73		9.66		
23333-2055	1	F CA	A 116247 B 116247	4.808 7.429	0.002 0.025						353.319 271 28 353.319 475 07	-20.914 525 06 -20.914 659 97	10.18 10.18	-2.55 -2.55	8.64 8.64	0.74 8.64	0.61 6.65	0.75 0.75	0.81 0.81	0.72 0.72	A	125		0.84		
23334+4251	1	F CB	A 116259 B 116259	7.359 9.969	0.048 0.529						353.349 448 82 353.349 425 08	+42.846 217 82 +42.846 269 05	30.24 30.24	243.62 243.62	167.32 167.32	1.94 24.32	4.95 35.08	1.12 1.12	0.71 0.71	0.82 0.82	A	341		0.19		
23334-5702	1	F CA	A 116263 B 116263	8.735 9.368	0.005 0.010	9.041 9.675	0.014 0.021	8.549 9.141	0.015 0.019		353.360 661 14 353.360 445 77	-57.029 084 48 -57.029 603 57	12.67 12.67	39.08 39.08	6.32 6.32	1.14 3.26	1.55 3.09	1.99 1.99	1.15 1.15	1.52 1.52	A	192.7		1.916		
23338-0508	1	F CA	A 116294 B 116294	9.326 11.244	0.006 0.035						353.443 738 48 353.443 905 73	-5.132 450 35 -5.132 436 16	11.00 11.00	27.98 27.98	-29.85 -29.85	2.07 12.76	1.59 14.05	2.15 2.15	2.53 2.53	1.78 1.78	A	85		0.60		
23339-3431	1	F CB	A 116300 B 116300	8.545 11.690	0.009 0.151	8.941 11.690	0.014 0.151	8.487 0.014			353.465 925 93 353.463 811 31	-34.512 140 18 -34.513 786 11	8.82 8.82	20.21 20.21	-7.83 -7.83	1.43 36.35	1.25 26.91	1.53 1.53	1.52 1.52	1.49 1.49	A	226.6		8.63		
23339-6139	1	F CA	A 116305 B 116305	8.682 11.586	0.007 0.100	9.174 11.586	0.013 0.100	8.581 0.012			353.475 625 27 353.476 061 34	-61.653 841 48 -61.654 160 21	10.82 10.82	-18.98 -18.98	-61.37 -61.37	1.22 20.93	1.24 28.40	1.57 1.57	1.35 1.35	1.27 1.27	A	147		1.37		
23340+3120	1	L CA	A 116310 B 116310	5.668 6.130	0.003 0.005						353.488 138 81 353.488 309 96	+31.325 321 96 +31.325 328 50	5.95 5.95	50.22 52.68	-18.45 -24.72	0.96 1.72	0.74 1.55	0.94 0.94	0.96 1.22	0.58 0.81	A	87.4	0.527	+0.7	+0.002	
23343-0943	1	F CA	A 116329 B 116329	8.655 10.345	0.008 0.035	9.004 10.345	0.039 0.035	8.608 0.042			353.580 501 31 353.582 072 85	-9.709 505 99 -9.708 986 21	6.29 6.29	39.69 39.69	-5.14 -5.14	1.86 12.20	1.26 8.65	2.06 2.06	3.13 3.13	1.76 1.76	A	71.5		5.88		
23344+2643	1	F CB	A 116340 B 116340	8.765 12.212	0.008 0.183	9.025 12.212	0.018 0.183	8.718 0.019			353.610 358 44 353.609 139 55	+26.715 124 81 +26.715 807 02	2.75 2.75	11.75 11.75	-17.68 -17.68	1.59 42.66	1.07 26.52	1.63 1.63	1.63 1.63	1.07 1.07	A	302.1		4.63		
23350-5100	1	F CA	A 116385 B 116385	9.802 10.369	0.011 0.019	10.071 10.276	0.036 0.065	9.365 9.781	0.021 0.068		353.752 641 99 353.752 592 15	-50.996 446 55 -50.996 845 15	4.15 4.15	-12.76 -12.76	-9.46 -9.46	1.95 6.06	1.83 5.54	2.35 2.35	1.86 1.86	1.55 1.55	A	184.2		1.44		
23352-1135	1	F CA	A 116398 B 116398	8.277 10.201	0.004 0.022	8.522 10.207	0.013 0.054	8.199 9.655	0.012 0.047		353.800 164 89 353.800 175 55	-11.577 639 65 -11.577 054 42	7.15 7.15	-2.72 -2.72	-4.87 -4.87	1.27 8.87	0.85 5.59	1.28 1.28	2.09 2.09	1.11 1.11	A	1.0		2.11		
23352-1834	1	F CA	A 116397 B 116397	8.615 10.390	0.006 0.029	9.563 10.390	0.027 0.029	8.509 0.018			353.798 476 66 353.797 291 58	-18.571 784 26 -18.572 197 06	0.87 0.87	2.28 2.28	-17.64 -17.64	2.02 10.77	1.28 8.47	1.76 1.76	3.32 3.32	1.56 1.56	A	249.8		4.31		
23353-5730	1	F CA	A 116407 B 116407	8.513 8.531	0.004 0.004						353.830 238 55 353.830 433 39	-57.495 019 43 -57.494 824 57	7.21 7.21	-26.68 -26.68	-23.51 -23.51	1.23 2.01	1.62 1.62	1.89 1.89	1.33 1.33	1.59 1.59	A	28.3		0.796		
23355+5401	1	F CA	A 116425 B 116425	8.588 10.106	0.004 0.017						353.872 747 20 353.872 557 49	+54.015 878 48 +54.015 769 28	4.98 4.98	27.35 27.35	-1.26 -1.26	1.24 5.96	1.27 5.89	1.53 1.53	1.33 1.33	1.53 1.53	A	226		0.562		
23355-0709	1	F CB	A 116426 B 116426	9.072 12.201	0.010 0.177	10.280 12.201	0.035 0.177	8.999 0.020			353.879 314 42 353.879 012 92	-7.151 764 83 -7.151 715 00	3.38 3.38	0.70 0.70	-1.48 -1.48	1.89 42.82	1.42 35.68	2.02 2.02	2.65 2.65	2.02 2.02	A	279		1.09		
23357-2729	1	L CA	A 116436 B 116436	6.979 8.815	0.003 0.016						353.916 645 18 353.916 542 48	-27.490 097 84 -27.489 990 90	25.96 25.96	87.09 113.58	-160.41 -134.74	1.20 6.65	0.97 5.87	1.11 1.11	1.24 4.98	0.86 3.83	A	320	0.506	+4	+0.002	
23359+0227	1	F CC	A 116463 B 116463	8.669 12.739	0.010 0.414	8.894 12.739	0.019 0.414	8.627 0.021			353.979 111 58 353.977 715 23	+2.445 560 15 +2.445 139 71	7.79 7.79	13.46 13.46	-2.31 -2.31	2.00 105.15	1.37 78.96	2.08 2.08	2.29 2.29	1.53 1.53	A	253		5.25		



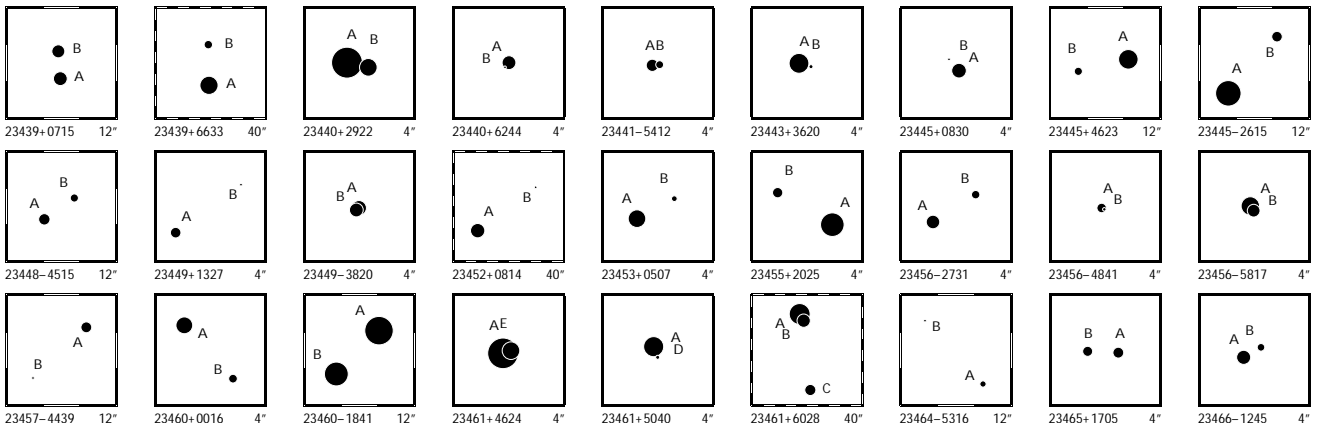
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors				Relative Astrometry									
	S	N		H _p	σ	B _T	σ	V _T	σ		α	δ	μ _α *	μ _δ	α*	δ	π	μ _α *	μ _δ	θ	ρ	dθ/dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
23361-3237	1	F CA	A 116475 B 116475	9.173 0.015 10.766 0.065				354.014 862 18 354.015 173 73	-32.623 401 94 -32.623 503 88	3.36 3.36	54.77 -1.05 54.77 -1.05	2.34 1.93 2.40 11.16 13.21 2.40	2.34 2.08 2.34 2.08	A	111	1.01										
23363+2854	1	F CA	A 116490 B 116490	9.514 0.007 9.980 0.010	9.801 0.025 10.324 0.050	9.322 0.025 9.881 0.052		354.077 190 22 354.076 156 26	+28.898 858 73 +28.898 929 74	5.80 5.80	11.97 -3.96 11.97 -3.96	2.02 1.61 2.35 4.57 3.63 2.35	2.11 1.68 2.11 1.68	A	274.5	3.269										
23363-0707	1	F CA	A 116488 B 116488	8.597 0.023 8.772 0.027				354.072 904 70 354.072 954 84	-7.117 146 35 -7.117 200 45	4.86 4.86	-18.08 -20.62 -18.08 -20.62	2.93 3.00 1.33 3.75 3.89 1.33	1.85 1.22 1.85 1.22	A	137	0.265										
23364-4342	1	F CB	A 116494 B 116494	9.000 0.015 12.290 0.317				354.089 548 19 354.089 473 02	-43.705 603 32 -43.705 514 81	5.05 5.05	42.94 -25.15 42.94 -25.15	3.56 3.28 2.41 70.01 55.78 2.41	1.88 1.53 1.88 1.53	A	328	0.37										
23365-6245	1	F CA	A 116509 B 116509	8.308 0.029 10.296 0.182				354.131 685 20 354.131 818 78	-62.755 203 26 -62.755 226 96	3.74 3.74	24.27 -8.43 24.27 -8.43	3.52 3.05 1.07 16.74 18.09 1.07	0.91 0.85 0.91 0.85	A	111	0.24										
23366+5357	1	F CA	A 116512 B 116512	8.717 0.005 11.593 0.070	8.864 0.011	8.670 0.012		354.155 286 52 354.155 174 88	+53.953 090 44 +53.954 113 79	2.55 2.55	7.65 -7.25 7.65 -7.25	1.08 1.17 1.45 17.93 27.88 1.45	1.23 1.45 1.23 1.45	A	356.3	3.69										
23370-2141	1	F CA	A 116533 B 116533	9.673 0.010 10.219 0.016	10.240 0.034	9.599 0.031		354.260 992 67 354.260 783 39	-21.675 830 50 -21.674 961 57	10.08 10.08	36.77 30.84 36.77 30.84	3.75 3.03 3.77 7.08 6.20 3.77	4.85 3.41 4.85 3.41	A	347.4	3.21										
23370-3648	1	F CA	A 116528 B 116528	8.084 0.008 9.335 0.023	8.343 0.017	7.862 0.017		354.238 067 39 354.238 497 02	-36.801 215 69 -36.801 148 18	12.81 12.81	89.69 -52.15 89.69 -52.15	2.04 1.56 1.84 9.59 4.40 1.84	2.36 1.81 2.36 1.81	A	78.9	1.26										
23371+5759	1	F CA	A 116538 B 116538	9.380 0.006 11.767 0.055	9.647 0.020	9.272 0.021		354.265 996 77 354.266 494 61	+57.981 187 94 +57.980 984 29	4.02 4.02	8.52 -5.47 8.52 -5.47	1.26 1.24 1.50 17.46 17.14 1.50	1.50 1.42 1.50 1.42	A	128	1.20										
23371-3152	1	F CA	A 116539 B 116539	6.705 0.004 10.235 0.091	8.214 0.010 10.289 0.100	6.691 0.006 9.922 0.102		354.272 297 95 354.270 598 85	-31.871 131 56 -31.871 626 95	4.48 4.48	42.60 -1.99 42.60 -1.99	0.85 0.90 0.94 24.63 22.24 0.94	0.95 0.99 0.95 0.99	A	251.1	5.49										
23374+0737	1	F CA	A 116571 B 116571	9.118 0.079 9.231 0.088				354.346 552 09 354.346 516 10	+7.623 914 77 +7.623 965 76	6.87 6.87	-14.30 12.31 -14.30 12.31	6.07 7.50 1.45 7.06 8.49 1.45	1.61 1.04 1.61 1.04	A	325	0.22										
23375+4426	1	L CA	A 116582 B 116582	6.168 0.003 7.129 0.007				354.383 463 23 354.383 467 36	+44.429 035 32 +44.429 171 33	3.96 3.96	15.16 -17.00 19.98 -19.40	0.70 0.85 0.88 2.27 1.90 0.88	0.59 0.67 1.48 1.20	A	1.2	0.490 +0.6	-0.002									
23375+4922	1	F CA	A 116578 B 116578	8.809 0.009 9.154 0.013				354.364 194 49 354.364 247 86	+49.364 025 27 +49.364 127 23	12.40 12.40	-56.91 10.75 -56.91 10.75	1.21 1.95 1.81 2.13 3.05 1.81	1.08 1.63 1.08 1.63	A	18.8	0.388										
23378+6601	1	F CA	A 116598 B 116598	10.314 0.015 10.959 0.026				354.448 742 91 354.448 655 39	+66.008 976 16 +66.009 070 30	5.87 5.87	3.35 0.92 3.35 0.92	2.48 2.52 1.99 6.35 5.35 1.99	2.19 2.06 2.19 2.06	A	339	0.362										
23379+5806	1	F CA	A 116610 B 116610	8.834 0.005 10.554 0.023				354.474 028 70 354.474 255 44	+58.095 393 08 +58.095 622 01	2.76 2.76	5.52 -3.88 5.52 -3.88	1.09 1.14 1.31 7.00 6.80 1.31	1.38 1.34 1.38 1.34	A	27.6	0.93										
23380+5249	1	I CA	A 116618 B 116615	7.987 0.022 9.626 0.081	10.076 0.024 9.729 0.017	8.064 0.009 9.481 0.021		354.497 839 47 354.503 281 04	+52.821 947 12 +52.817 587 33	0.40 2.11	-3.78 -3.18 9.77 -5.87	2.15 2.47 2.67 25.87 34.05 12.34	2.47 2.86 12.09 12.92	A	142.97	19.66	-0.03 +0.01									
23382+5514	1	F CA	A 116634 S 116634	9.347 0.188 9.578 0.233				354.540 106 46 354.540 092 64	+55.231 832 04 +55.231 874 31	4.80 4.80	10.65 -4.13 10.65 -4.13	10.76 11.06 0.96 12.64 19.73 0.96	0.79 0.86 0.79 0.86	A	349	0.15										
23384-3147	1	F CA	A 116659 B 116659	9.146 0.019 9.814 0.034				354.610 836 61 354.610 911 49	-31.779 473 72 -31.779 533 39	4.76 4.76	4.69 -14.74 4.69 -14.74	2.56 3.10 1.84 5.08 7.03 1.84	1.78 1.57 1.78 1.57	A	133	0.314										
23385+0419	1	F CA	A 116662 B 116662	10.611 0.017 12.126 0.067	11.201 0.109	10.585 0.102		354.627 159 47 354.626 845 44	+4.316 681 98 +4.315 894 68	7.18 7.18	24.93 -3.61 24.93 -3.61	4.22 2.76 4.08 19.63 11.97 4.08	5.16 3.20 5.16 3.20	A	201.7	3.05										
23385-4801	1	F CA	A 116663 B 116663	10.369 0.028 10.648 0.036				354.631 430 02 354.631 359 54	-48.010 773 95 -48.010 842 08	11.76 11.76	17.19 9.01 17.19 9.01	4.58 3.73 1.98 8.83 6.04 1.98	1.75 1.45 1.75 1.45	A	215	0.30										
23386+3502	1	F CA	A 116667 B 116667	7.104 0.005 10.061 0.072	7.199 0.006 10.075 0.038	7.071 0.008 9.975 0.054		354.642 305 27 354.640 531 54	+35.033 305 34 +35.029 328 40	5.94 5.94	8.99 -28.72 8.99 -28.72	0.89 0.74 1.08 24.74 16.12 1.08	1.11 0.69 1.11 0.69	A	200.1	15.24										
23388+4425	1	F CB	A 116685 B 116685	9.319 0.009 11.510 0.066	9.736 0.028	9.389 0.030		354.702 965 75 354.703 820 19	+44.412 569 00 +44.412 737 67	1.74 1.74	27.27 8.32 27.27 8.32	1.48 1.54 1.94 16.19 15.90 1.94	1.43 1.62 1.43 1.62	A	74.6	2.28										
23392+5033	1	F CA	A 116716 B 116716	10.545 0.009 12.246 0.041				354.801 862 39 354.801 955 04	+50.544 923 88 +50.545 080 02	1.71 1.71	14.09 10.04 14.09 10.04	1.65 2.04 2.90 10.61 13.04 2.90	2.00 2.31 2.00 2.31	A	21	0.60										
23393+4543	1	F CA	A 116726 B 116726	8.454 0.056 8.487 0.057				354.836 665 90 354.836 699 72	+45.719 967 59 +45.719 909 36	3.70 3.70	-5.82 -12.54 -5.82 -12.54	2.84 5.96 1.27 3.48 6.37 1.27	0.71 0.90 0.71 0.90	A	158	0.226										
23393-2155	1	F CA	A 116721 B 116721	7.859 0.006 10.822 0.089				354.816 065 46 354.815 927 34	-21.924 007 60 -21.924 035 61	4.00 4.00	16.48 9.06 16.48 9.06	1.47 1.19 1.22 21.49 23.19 1.22	1.41 1.04 1.41 1.04	A	258	0.47										
23395-4638	1	L CA	A 116737 B 116737	6.568 0.004 7.385 0.008	6.687 0.021 7.594 0.011	6.443 0.023 7.274 0.009		354.866 353 83 354.864 785 45	-46.637 898 39 -46.637 773 00	11.74 11.74	22.44 40.99 28.98 36.14	1.04 0.81 1.03 3.59 3.24 1.03	0.94 0.65 2.07 1.55	A	276.64	3.903	-0.06 -0.007									
23397-6912	1	F CA	A 116748 B 116748	8.605 0.007 9.907 0.021	9.277 0.016 10.921 0.060	8.513 0.013 9.653 0.030		354.913 957 12 354.913 084 41	-69.195 586 94 -69.194 145 74	21.64 21.64	79.04 -67.11 79.04 -67.11	1.15 1.18 1.32 6.08 5.51 1.32	1.15 1.20 1.15 1.20	A	347.9	5.31										



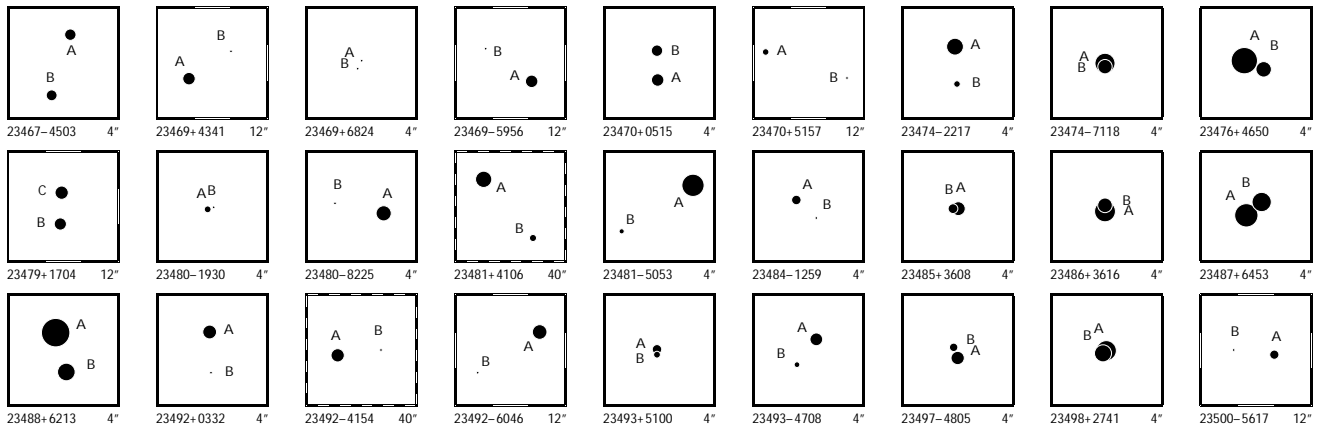
System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry										
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt						
1	2-3-5	6	7	8	9	mag	10	11	mag	12	13	mag	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
23399+6344	1	F CA	A 116765 B 116765	6.925 0.004 10.635 0.105	7.011 0.004	6.884 0.005		354.970 273 73 354.968 599 55	+63.725 439 95 +63.724 738 11	8.45 8.45	42.61 42.61	-3.39 -3.39	0.60 0.66 0.73 0.69 0.60	25.02 19.69 0.73 0.69 0.60	A 226.6	3.67													
23399-4735	1	L CA	A 116767 B 116767	9.494 0.008 10.237 0.016	9.703 0.022	9.199 0.022		354.978 599 53 354.977 846 21	-47.588 545 71 -47.588 429 31	8.02 8.02	171.04 164.19	24.69 34.17	2.75 1.91 2.60 2.35 1.42	5.58 5.23 2.60 3.94 3.60	A 282.9	1.876	+0.2	+0.009											
23400+4943	1	F CB	A 116779 B 116779	9.798 0.007 12.969 0.118				355.005 351 63 355.005 539 67	+49.717 625 14 +49.717 787 46	4.20 4.20	27.91 27.91	1.02 1.02	1.18 1.51 2.13 1.27 1.63	27.31 39.90 2.13 1.27 1.63	A 37	0.73													
23400-4720	1	F CA	A 116774 B 116774	7.241 0.003 9.415 0.020	8.415 0.012	7.156 0.006		354.999 411 22 355.000 169 78	-47.326 494 20 -47.326 268 51	4.28 4.28	38.80 38.80	-4.63 -4.63	0.80 0.67 0.92 0.87 0.62	5.34 5.85 0.92 0.87 0.62	A 66.3	2.02													
23401+1258	1	L CA	A 116787 B 116787	9.482 0.005 11.033 0.019				355.025 216 35 355.025 229 85	+12.968 296 64 +12.968 500 73	15.45 15.45	-35.07 -25.85	-142.63 -151.26	2.42 1.52 2.46 1.70 1.17	14.41 7.17 2.46 7.03 3.92	A 4	0.736	+1	-0.008											
23401-7107	1	F CA	A 116785 B 116785	9.097 0.007 9.908 0.013	9.514 0.018	9.004 0.017		355.020 352 95 355.024 105 52	-71.116 636 44 -71.118 314 15	11.17 11.17	14.91 14.91	-9.04 -9.04	1.50 1.60 1.71 1.76 1.69	4.43 4.08 1.71 1.76 1.69	A 144.10	7.456													
23405+2959	1	F CC	A 116810 B 116810	11.241 0.014 13.944 0.154				355.120 230 31 355.119 985 00	+29.986 642 08 +29.986 545 68	16.96 16.96	201.24 201.24	7.08 7.08	2.70 2.11 3.02 2.71 2.09	45.68 37.24 3.02 2.71 2.09	A 246	0.84													
23405+6733	1	F CA	A 116814 B 116814	9.059 0.007 9.913 0.015	9.170 0.014	8.775 0.015		355.124 258 27 355.123 450 08	+67.553 283 31 +67.553 464 50	6.20 6.20	26.82 26.82	4.02 4.02	1.26 1.43 1.39 1.31 1.33	4.64 4.07 1.39 1.31 1.33	A 300.4	1.29													
23406+8449	1	F CA	A 116818 B 116818	10.229 0.009 12.229 0.056				355.153 930 69 355.155 651 41	+84.814 391 18 +84.814 160 33	2.96 2.96	1.95 1.95	-3.67 -3.67	1.51 1.44 1.61 1.88 1.43	13.85 12.35 1.61 1.88 1.43	A 146	1.00													
23407-0023	1	F CA	A 116826 B 116826	8.993 0.009 9.418 0.012	9.268 0.040	8.824 0.027		355.177 355 71 355.176 898 31	-0.383 007 93 -0.383 513 41	7.11 7.11	-0.85 -0.85	-11.05 -11.05	2.38 1.76 2.38 3.22 1.84	4.90 3.89 2.38 3.22 1.84	A 222.1	2.45													
23409+2022	1	F CA	A 116838 B 116838	8.536 0.005 10.812 0.040	9.753 0.017	8.465 0.011		355.213 776 51 355.213 749 15	+20.365 733 35 +20.365 370 64	39.51 39.51	222.98 222.98	59.83 59.83	1.64 1.40 1.85 1.46 1.13	16.67 21.48 1.85 1.46 1.13	A 184	1.31													
23411+4613	1	F CA	A 116849 B 116849	7.665 0.100 8.028 0.139				355.273 089 15 355.273 137 93	+46.218 348 19 +46.218 340 68	14.37 14.37	-124.57 -124.57	-34.32 -34.32	6.41 4.21 0.84 0.48 0.58	7.12 6.56 0.84 0.48 0.58	A 103	0.124													
23411-1141	1	F CA	A 116853 B 116853	6.090 0.003 10.054 0.105				355.286 962 91 355.286 951 14	-11.680 662 48 -11.680 915 95	8.60 8.60	68.51 68.51	3.24 3.24	0.84 0.63 0.86 1.18 0.77	31.16 28.50 0.86 1.18 0.77	A 183	0.91													
23413+1446	1	INB	A 116871 B 116869	8.752 0.022 11.547 0.245	9.118 0.022	8.683 0.022		355.335 109 78 355.333 071 41	+14.772 168 38 +14.777 161 27	5.55 44.81	46.45 -1.01	3.17 25.70	2.78 1.68 2.45 2.49 1.55	101.42 56.36 60.22 63.61 35.37	A 338.5	19.32	-0.1	+0.04											
23413+3234	1	F CA	A 116863 B 116863	7.843 0.005 8.830 0.013				355.323 161 86 355.322 956 32	+32.561 091 97 +32.560 937 33	2.38 2.38	13.12 13.12	0.56 0.56	1.55 1.08 1.62 1.61 1.03	5.22 3.26 1.62 1.61 1.03	A 228.2	0.836													
23415-1157	1	F CA	A 116878 B 116878	10.431 0.022 10.812 0.031				355.367 072 66 355.367 180 14	-11.958 541 82 -11.958 574 49	5.02 5.02	-25.56 -25.56	-25.27 -25.27	5.09 3.66 3.31 6.11 2.99	9.44 9.63 3.31 6.11 2.99	A 107	0.40													
23415-2540	1	F CA	A 116884 B 116884	9.639 0.014 11.420 0.070	10.294 0.042	9.510 0.033		355.375 077 49 355.374 449 76	-25.670 604 52 -25.670 444 91	-0.32 -0.32	14.87 14.87	-31.04 -31.04	2.84 2.46 2.83 3.55 2.56	17.02 19.62 2.83 3.55 2.56	A 286	2.12													
23415-4135	1	F CA	A 116880 B 116880	8.556 0.006 8.800 0.007				355.368 485 51 355.368 422 61	-41.580 278 47 -41.580 499 32	10.29 10.29	89.04 89.04	-2.59 -2.59	1.40 1.76 2.09 1.36 1.37	3.59 2.75 2.09 1.36 1.37	A 192.0	0.813													
23417+4825	1	F CA	A 116895 B 116895	8.557 0.165 9.452 0.375				355.417 856 42 355.417 915 76	+48.409 666 29 +48.409 656 76	3.82 3.82	-26.23 -26.23	-18.79 -18.79	11.65 4.10 1.17 0.76 0.78	23.38 14.24 1.17 0.76 0.78	A 104	0.15													
23420+2018	1	F CA	A 116926 B 116926	8.333 0.006 8.719 0.009				355.508 878 35 355.509 127 09	+20.296 468 42 +20.296 248 98	8.15 8.15	-58.34 -58.34	-81.86 -81.86	2.06 1.90 2.12 1.89 1.68	5.94 3.27 2.12 1.89 1.68	A 133.2	1.15													
23420-4216	1	FFD	A 116920 B 116920	7.295 0.006 11.305 0.246	8.394 0.008	7.221 0.005		355.488 336 00 355.489 044 00	-42.268 722 03 -42.268 734 29	6.17 6.17	32.81 32.81	-42.68 -42.68	0.80 0.67 1.12 0.84 0.58	102.73 46.15 1.12 0.84 0.58	A 91	1.89													
23423+8528	1	F CA	A 116945 B 116945	7.908 0.005 11.119 0.088	9.037 0.012	7.813 0.008		355.577 329 41 355.579 250 99	+85.468 575 74 +85.468 831 87	4.12 4.12	-21.30 -21.30	-9.73 -9.73	0.75 0.74 0.79 0.77 0.70	15.04 16.71 0.79 0.77 0.70	A 31	1.07													
23424+3903	1	F CC	A 116952 B 116952	9.302 0.251 10.776 0.973				355.601 772 07 355.601 776 48	+39.058 186 53 +39.058 149 16	3.57 3.57	21.88 21.88	-10.58 -10.58	9.39 18.19 1.07 0.91 0.84	28.30 51.47 1.07 0.91 0.84	A 175	0.14													
23425+1840	1	F CA	A 116961 B 116961	7.449 0.004 10.700 0.071	8.645 0.010	7.386 0.006		355.630 507 70 355.630 667 23	+18.666 549 15 +18.664 411 68	5.48 5.48	14.34 14.34	-28.41 -28.41	0.96 0.85 1.26 1.08 0.86	19.01 19.21 1.26 1.08 0.86	A 176.0	7.71													
23425+4301	1	F CC	A 116958 B 116958	11.091 0.211 12.748 0.967				355.628 477 29 355.628 556 34	+43.014 471 26 +43.014 476 41	-2.70 -2.70	-7.05 -7.05	-50.29 -50.29	9.20 5.66 2.43 1.70 1.79	150.04 66.50 2.43 1.70 1.79	A 85	0.21													
23425+5436	1	F CA	A 116956 B 116956	9.203 0.007 9.712 0.010				355.613 696 18 355.613 692 15	+54.600 845 63 +54.600 710 25	2.15 2.15	6.75 6.75	-3.71 -3.71	1.48 1.98 1.84 1.30 2.03	3.99 3.81 1.84 1.30 2.03	A 181	0.487													
23431+1150	1	L CA	A 116995 B 116995	9.464 0.007 9.792 0.009				355.775 133 39 355.774 997 18	+11.834 474 78 +11.834 700 65	13.34 13.34	94.08 98.67	-5.93 3.66	3.30 2.17 3.04 2.72 1.83	4.89 3.10 3.04 4.01 2.60	A 329.4	0.944	+0.5	+0.006											



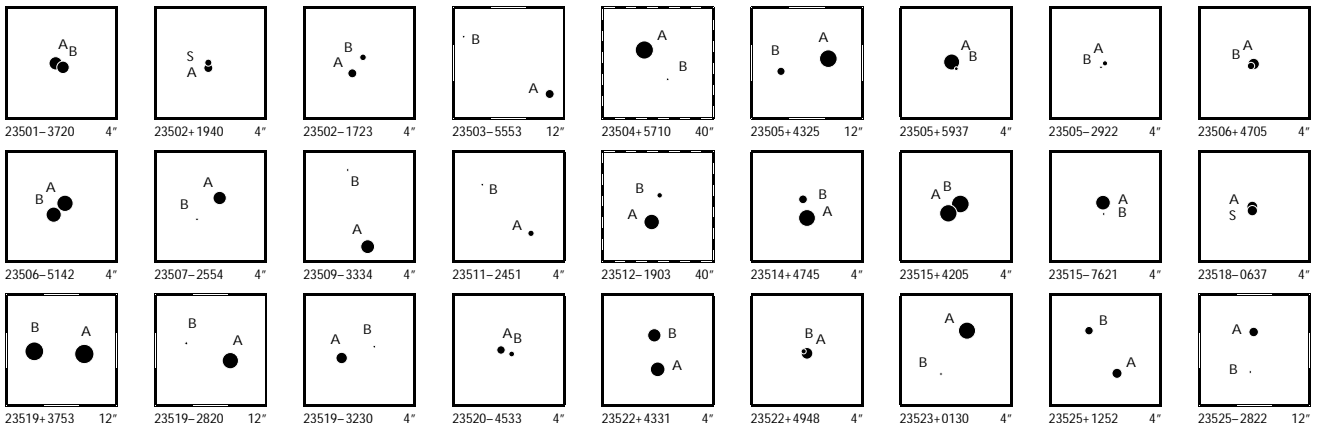
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry						
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt				
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
23439+0715	1	FCA	A 117063 B 117063	8.913 0.006 9.118 0.007	9.309 0.031 9.563 0.038	8.861 0.031 9.031 0.036		355.986 653 36 355.986 712 37	+7.249 550 50 +7.250 404 03	7.95 7.95	29.22 -18.58 29.22 -18.58	3.52 3.71 2.80 3.27 2.39 4.78 4.22 2.80 3.27 2.39										A	3.9	3.080			
23439+6633	1	FCA	A 117062 B 117062	7.984 0.010 10.130 0.061	8.053 0.008 10.379 0.036	7.928 0.009 9.878 0.036		355.980 650 48 355.980 873 13	+66.552 064 48 +66.556 260 96	2.67 2.67	2.01 -9.25 2.01 -9.25	1.01 1.00 1.12 1.18 1.07 13.05 14.81 1.12 1.18 1.07										A	1.21	15.11			
23440+2922	1	LCA	A 117073 B 117073	5.158 0.002 8.112 0.028				355.997 658 46 355.997 395 96	+29.361 552 78 +29.361 507 64	13.91 13.91	71.44 -40.78 63.85 -25.63	0.68 0.60 0.75 0.65 0.55 8.00 7.16 0.75 4.46 4.01										A	258.8	0.839	+1.1	+0.005	
23440+6244	1	FCC	A 117077 B 117077	8.968 0.093 11.466 0.928				356.009 719 32 356.009 807 59	+62.729 712 26 +62.729 660 28	3.95 3.95	10.87 9.48 10.87 9.48	8.88 16.73 1.94 1.92 1.69 64.19 89.21 1.94 1.92 1.69										A	142	0.24			
23441-5412	1	FCA	A 117079 B 117079	9.290 0.035 10.285 0.088				356.022 307 36 356.022 191 37	-54.207 017 98 -54.207 016 11	3.39 3.39	29.28 -3.66 29.28 -3.66	4.78 3.38 1.51 0.91 0.90 9.66 8.80 1.51 0.91 0.90										A	272	0.24			
23443+3620	1	FCA	A 117094 B 117094	7.630 0.005 11.107 0.124				356.068 901 90 356.068 738 20	+36.338 860 52 +36.338 824 65	10.75 10.75	106.55 30.51 106.55 30.51	1.17 0.83 1.09 1.02 0.70 21.19 18.81 1.09 1.02 0.70										A	255	0.49			
23445+0830	1	FCA	A 117110 B 117110	8.768 0.005 11.972 0.098				356.129 971 85 356.130 072 41	+8.504 156 08 +8.504 283 41	10.90 10.90	65.20 -45.60 65.20 -45.60	1.66 1.04 1.56 1.62 0.89 40.51 17.23 1.56 1.62 0.89										A	38	0.58			
23445+4623	1	FCA	A 117111 B 117111	7.692 0.003 10.187 0.028	7.641 0.005 10.135 0.029	7.671 0.007 9.859 0.034		356.133 928 51 356.136 139 53	+46.380 166 64 +46.379 806 35	0.98 0.98	0.44 -1.42 0.44 -1.42	0.72 0.78 1.12 0.71 0.87 5.38 7.85 1.12 0.71 0.87										A	103.3	5.64			
23445-2615	1	FCA	A 117107 B 117107	6.338 0.005 9.674 0.111	6.800 0.006 10.357 0.056	6.286 0.006 9.408 0.038		356.121 243 78 356.119 565 37	-26.246 581 54 -26.244 855 74	14.70 14.70	-54.25 -20.58 -54.25 -20.58	1.01 0.85 1.04 1.24 0.92 24.55 22.04 1.04 1.24 0.92										A	318.9	8.24			
23448-4515	1	FCA	A 117130 B 117130	9.489 0.008 10.209 0.015	9.922 0.024 10.589 0.044	9.366 0.023 10.062 0.043		356.196 685 65 356.195 374 55	-45.247 080 23 -45.246 415 95	6.22 6.22	25.39 -26.36 25.39 -26.36	2.30 2.06 2.65 2.50 2.17 6.02 4.49 2.65 2.50 2.17										A	305.7	4.09			
23449+1327	1	FCC	A 117140 B 117140	9.680 0.011 13.369 0.320	10.049 0.031	9.574 0.031		356.215 647 15 356.214 962 57	+13.451 097 80 +13.451 584 99	3.99 3.99	19.06 -6.64 19.06 -6.64	2.33 1.38 2.21 2.24 1.35 83.97 63.04 2.21 2.24 1.35										A	306	2.97			
23449-3820	1	FCA	A 117141 B 117141	8.694 0.157 8.910 0.192				356.219 961 76 356.219 998 63	-38.332 589 38 -38.332 610 64	5.71 5.71	8.07 -1.50 8.07 -1.50	9.03 17.46 1.00 0.76 0.60 9.10 20.20 1.00 0.76 0.60										A	126	0.13			
23452+0814	1	IND	D A 117164 B 117163	8.811 0.009 11.555 0.085	9.600 0.017	8.752 0.013		356.307 824 60 356.301 901 13	+8.230 859 78 +8.235 271 11	21.52 -5.23	178.53 -8.55 171.92 -5.05	2.94 1.68 2.51 2.92 1.49 38.56 21.71 22.81 23.46 12.83										A	306.96	26.41	0.00	+0.01	
23453+0507	1	FCA	A 117169 B 117169	8.113 0.004 10.721 0.046	8.498 0.015	8.037 0.015		356.325 981 37 356.325 591 36	+5.116 284 58 +5.116 488 38	5.08 5.08	7.14 -30.91 7.14 -30.91	1.46 0.94 1.25 1.38 0.79 12.50 9.64 1.25 1.38 0.79										A	297.7	1.58			
23455+2025	1	FCA	A 117182 B 117182	6.802 0.003 9.744 0.042	7.994 0.009	6.717 0.006		356.372 128 19 356.372 728 26	+20.415 466 33 +20.415 794 92	6.68 6.68	26.46 -11.03 26.46 -11.03	0.80 0.74 0.97 0.83 0.74 12.54 7.79 0.97 0.83 0.74										A	59.7	2.34			
23456-2731	1	FCA	A 117189 B 117189	8.990 0.007 10.167 0.018	9.194 0.020	8.809 0.021		356.411 329 69 356.410 832 50	-27.519 574 72 -27.519 292 28	6.63 6.63	7.17 14.20 7.17 14.20	2.28 1.76 2.27 3.18 2.08 6.00 5.57 2.27 3.18 2.08										A	302.6	1.89			
23456-4841	1	FND	D A 117187 B 117187	9.897 0.327 11.247 1.134				356.405 555 52 356.405 510 12	-48.677 102 27 -48.677 124 90	16.25 16.25	-154.14 -39.97 -154.14 -39.97	12.66 10.02 1.36 1.06 0.95 75.16 58.48 1.36 1.06 0.95										A	233	0.14			
23456-5817	1	FCA	A 117183 B 117183	7.900 0.030 9.182 0.096				356.391 690 14 356.391 624 32	-58.278 923 01 -58.278 971 00	6.77 6.77	-34.62 -40.11 -34.62 -40.11	2.41 2.70 0.90 0.61 0.69 7.82 7.95 0.90 0.61 0.69										A	216	0.21			
23457-4439	1	FCA	A 117193 B 117193	9.570 0.010 12.142 0.100	10.072 0.022	9.496 0.021		356.436 482 72 356.438 774 64	-44.650 189 49 -44.651 743 22	7.99 7.99	17.80 -36.98 17.80 -36.98	1.78 1.64 2.24 1.82 1.51 28.38 22.85 2.24 1.82 1.51										A	133.6	8.11			
23460+0016	1	FCA	A 117215 B 117215	8.254 0.005 10.109 0.027	8.705 0.013 10.120 0.045	8.186 0.014 9.567 0.048		356.500 431 32 356.499 936 64	+0.262 082 83 +0.261 536 92	14.19 14.19	-5.11 -54.45 -5.11 -54.45	1.57 1.11 1.60 1.98 1.37 8.84 9.90 1.60 1.98 1.37										A	222.2	2.65			
23460-1841	1	LCA	A 117218 B 117218	5.723 0.003 6.724 0.008	5.945 0.004 7.014 0.007	5.661 0.006 6.625 0.006		356.503 509 24 356.504 898 15	-18.678 369 13 -18.679 719 40	15.37 15.37	131.86 11.97 135.38 4.40	1.14 0.83 1.18 1.17 1.13 3.92 2.66 1.18 2.23 2.51										A	135.74	6.787	+0.02	+0.008	
23461+4624	1	FCA	A 117221 E 117221	5.212 0.005 8.111 0.076				356.508 502 83 356.508 390 41	+46.420 289 42 +46.420 313 08	2.49 2.49	9.05 -6.25 9.05 -6.25	1.05 1.41 0.92 0.56 0.71 10.27 21.45 0.92 0.56 0.71										A	287	0.29			
23461+5040	1	FCA	A 117224 D 117224	7.549 0.006 11.098 0.157				356.517 008 02 356.516 954 41	+50.663 120 29 +50.663 018 13	4.88 4.88	40.07 12.12 40.07 12.12	0.78 1.28 1.02 0.68 0.85 21.59 27.44 1.02 0.68 0.85										A	198	0.39			
23461+6028	1	FND	X A 117227 B 117227 C 117226	7.394 0.012 9.081 0.039 9.526 0.056	8.677 0.011 9.403 0.022 11.600 0.111	7.339 0.007 8.915 0.020 9.961 0.043		356.533 489 79 356.532 696 69 356.531 431 16	+60.473 174 84 +60.472 553 88 +60.465 376 33	3.39 3.39 3.39	13.72 -2.24 13.72 -2.24 13.72 -2.24	1.03 1.01 1.16 1.02 0.98 6.89 5.84 1.16 1.02 0.98 11.59 11.10 1.16 1.02 0.98											A	212.2	2.64		
23464-5316	1	FCA	A 117240 B 117240	10.617 0.014 12.427 0.073	10.957 0.035	10.563 0.041		356.589 927 96 356.592 901 50	-53.275 235 07 -53.273 264 15	3.28 3.28	6.40 0.15 6.40 0.15	2.01 2.79 3.17 2.44 2.68 19.19 24.01 3.17 2.44 2.68										A	42.1	9.56			
23465+1705	1	FCA	A 117251 B 117251	9.575 0.007 9.806 0.009				356.630 730 37 356.631 068 73	+17.086 967 65 +17.086 987 98	7.88 7.88	-15.10 -20.00 -15.10 -20.00	2.00 1.81 2.42 1.95 1.57 3.05 3.73 2.42 1.95 1.57										A	86.4	1.167			
23466-1245	1	FCA	A 117262 B 117262	8.868 0.006 10.302 0.019				356.645 159 82 356.644 980 43	-12.757 697 64 -12.757 593 78	12.12 12.12	105.56 -101.65 105.56 -101.65	1.82 1.44 1.91 2.58 1.79 8.07 8.31 1.91 2.58 1.79										A	301	0.73			



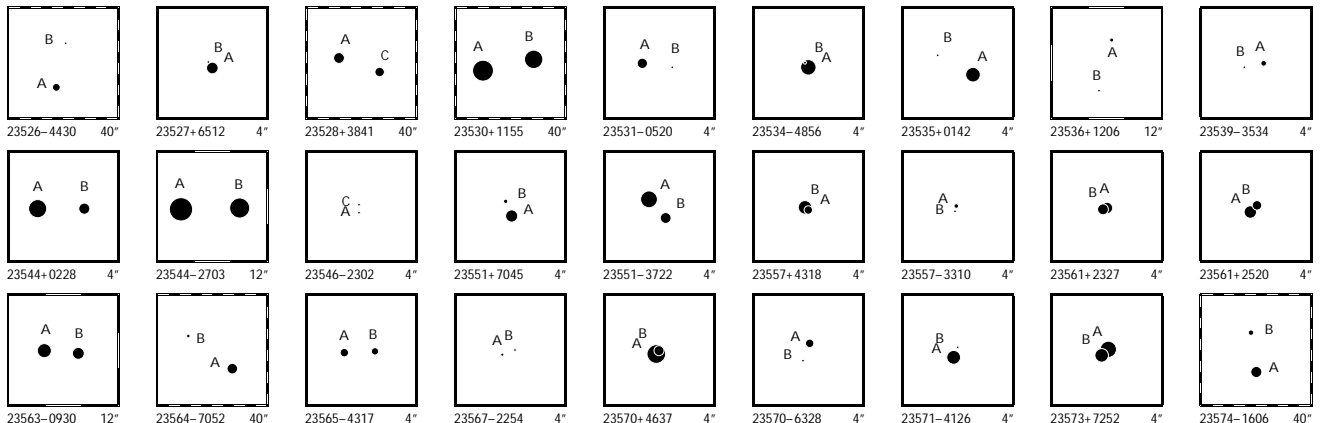
System CCDM	Solution		Comp. HIP	Magnitudes						Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors					Relative Astrometry					
	S	N		H _p	σ	B _T	σ	V _T	σ	α deg	δ deg		μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt			
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
23467-4503	1	F	C	A 117269 B 117269	9.497 0.006 9.587 0.007	9.760 0.022 9.714 0.028	9.264 0.020 9.314 0.027		356.684 769 44 356.685 042 59	-45.057 148 17 -45.057 768 92	5.34 5.34		37.46 37.46	-6.90 -6.90		2.94 1.92 2.44 4.07 3.25 2.44	3.60 2.20 3.60 2.20					A	162.7	2.340		
23469+4341	1	F	C	A 117278 B 117278	9.265 0.005 11.452 0.038	9.343 0.015 11.324 0.083	9.185 0.019 10.971 0.101		356.716 784 90 356.714 994 61	+43.679 584 70 +43.680 424 32	1.34 1.34		-4.80 -4.80	-5.34 -5.34		1.13 1.18 1.59 9.07 10.74 1.59	1.09 1.14 1.09 1.14					A	303.0	5.56		
23469+6824	1	F	C	B	11.446 0.062 13.447 0.392				356.729 513 52 356.729 617 64	+68.408 240 95 +68.408 159 69	-0.63 -0.63		0.34 0.34	-2.06 -2.06		6.06 7.41 2.72 58.87 66.09 2.72	2.61 2.73 2.61 2.73					A	155	0.32		
23469-5956	1	F	C	A	9.215 0.009 11.995 0.117	10.367 0.027 11.747 0.112	9.150 0.016 10.807 0.080		356.713 259 95 356.716 123 65	-59.932 909 23 -59.931 926 55	3.09 3.09		18.20 18.20	5.83 5.83		1.26 1.47 1.83 27.23 22.80 1.83	1.33 1.81 1.33 1.81					A	55.6	6.26		
23470+0515	1	F	C	A	9.235 0.008 9.474 0.010				356.754 162 87 356.754 165 79	+5.251 866 30 +5.252 164 88	8.35 8.35		-63.28 -63.29	39.96 39.96		2.96 1.42 2.43 5.56 3.73 2.43	2.88 1.11 2.88 1.11					A	0.6	1.075		
23470+5157	1	F	C	A	10.543 0.012 12.442 0.069	11.838 0.093	10.518 0.044		356.743 063 15 356.738 985 58	+51.955 997 25 +51.955 213 73	3.50 3.50		4.33 4.33	5.60 5.60		2.03 2.73 3.54 20.28 25.28 3.54	2.71 3.27 2.71 3.27					A	252.7	9.48		
23474-2217	1	F	C	A	8.268 0.006 10.587 0.046	8.812 0.015	8.169 0.013		356.857 187 21 356.857 169 43	-22.275 328 50 -22.275 707 61	10.81 10.81		-40.38 -40.38	-97.97 -97.97		1.48 1.26 1.57 10.65 17.92 1.57	1.65 1.31 1.65 1.31					A	182.5	1.37		
23474-7118	1	F	C	A	7.544 0.084 8.821 0.271				356.846 764 39 356.846 777 14	-71.306 767 06 -71.306 803 28	5.46 5.46		63.81 63.81	-50.98 -50.98		3.67 5.77 0.74 11.42 14.50 0.74	0.69 0.68 0.69 0.68					A	174	0.13		
23476+4650	1	F	C	A	6.150 0.002 8.568 0.015				356.887 702 52 356.887 410 98	+46.832 576 54 +46.832 484 73	2.47 2.47		1.21 1.21	-5.01 -5.01		0.51 0.61 0.78 4.54 6.15 0.78	0.46 0.62 0.46 0.62					A	245.3	0.790		
23479+1704	1	F	C	A	9.034 0.011 9.272 0.014	9.515 0.096	8.905 0.091		356.964 651 06 356.964 707 70	+17.073 045 65 +17.072 089 85	8.33 8.33		82.93 82.93	-78.17 -78.17		2.29 2.12 2.69 4.89 3.75 2.69	2.23 1.96 2.23 1.96					C	176.8	3.446		
23480-1930	1	F	C	A	10.477 0.126 12.531 0.838				356.993 554 63 356.993 488 46	-19.505 862 85 -19.505 846 00	10.04 10.04		73.09 73.09	-104.39 -104.39		14.01 7.56 2.16 107.66 48.49 2.16	2.57 1.66 2.57 1.66					A	285	0.23		
23480-8225	1	F	C	A	8.657 0.004 11.687 0.061	9.136 0.012	8.575 0.011		357.001 353 00 357.005 125 79	-82.411 696 10 -82.411 599 14	2.35 2.35		21.42 21.42	-6.43 -6.43		0.92 0.88 0.96 14.62 18.59 0.96	0.97 0.85 0.97 0.85					A	79	1.83		
23481+4106	1	I	N	D	8.411 0.007 10.418 0.030	9.066 0.017 10.790 0.065	8.323 0.014 10.291 0.064		357.035 001 26 357.028 267 22	+41.108 003 75 +41.101 935 74	16.77 3.51		19.97 -2.99	-19.07 -7.89		1.89 1.63 1.69 9.34 8.83 6.43	1.73 1.70 5.87 5.84					A	219.90	28.48	+0.05	+0.01
23481-5053	1	F	C	B	7.070 0.004 10.875 0.132	8.101 0.006 11.396 0.266	7.006 0.004 11.589 0.522		357.029 032 00 357.030 196 61	-50.890 869 65 -50.891 338 14	5.40 5.40		-43.15 -43.15	-33.90 -33.90		0.80 0.74 1.08 32.83 24.52 1.08	0.84 0.79 0.84 0.79					A	122.5	3.14		
23484-1259	1	F	C	A	9.876 0.007 11.943 0.046				357.106 472 09 357.106 253 48	-12.987 511 69 -12.987 694 53	36.96 36.96		233.61 233.61	22.11 22.11		2.15 1.59 2.28 18.10 12.76 2.28	3.25 1.90 3.25 1.90					A	229	1.01		
23485+3608	1	F	C	A	8.934 0.076 9.838 0.174				357.131 256 38 357.131 320 62	+36.133 620 21 +36.133 617 68	3.17 3.17		-4.11 -4.11	-14.51 -14.51		7.05 4.38 1.20 14.96 11.73 1.20	1.18 0.79 1.18 0.79					A	93	0.19		
23486+3616	1	F	C	A	7.368 0.022 8.744 0.077				357.147 453 87 357.147 460 27	+36.274 544 95 +36.274 605 06	4.64 4.64		-6.72 -6.72	-8.66 -8.66		2.74 2.61 0.94 10.54 7.13 0.94	0.95 0.65 0.95 0.65					A	5	0.22		
23487+6453	1	L	C	A	6.812 0.003 7.767 0.007				357.162 627 79 357.162 266 46	+64.876 484 81 +64.876 616 12	4.54 4.54		17.13 20.37	-14.26 -8.19		0.83 0.84 0.87 2.67 2.87 0.87	0.79 0.78 1.81 1.84					A	310.6	0.727	+0.5	+0.001
23488+6213	1	F	C	A	5.705 0.005 8.075 0.029	6.270 0.007	5.609 0.006		357.209 062 01 357.208 820 24	+62.214 519 96 +62.214 117 43	0.20 0.20		-2.80 -2.80	-1.45 -1.45		0.54 0.60 0.67 6.48 6.62 0.67	0.58 0.59 0.58 0.59					A	195.6	1.50		
23492+0332	1	F	C	A	8.946 0.016 12.608 0.455	10.188 0.030	8.861 0.016		357.304 035 79 357.304 022 72	+3.528 649 98 +3.528 231 32	0.99 0.99		24.15 24.15	-25.15 -25.15		3.58 2.11 3.55 110.02 63.04 3.55	4.52 1.93 4.52 1.93					A	182	1.51		
23492-4154	1	F	C	A	9.059 0.010 11.404 0.081	9.683 0.017	8.969 0.015		357.295 824 46 357.289 851 30	-41.906 354 59 -41.905 827 86	13.34 13.34		47.77 47.77	-0.12 -0.12		1.35 1.29 1.79 29.01 27.26 1.79	1.33 1.19 1.33 1.19					A	276.8	16.12		
23492-6046	1	F	C	B	8.732 0.009 12.576 0.296	8.988 0.012	8.694 0.013		357.293 433 24 357.297 334 37	-60.763 041 67 -60.764 313 93	5.11 5.11		18.56 18.56	2.71 2.71		1.15 1.22 1.56 49.44 50.08 1.56	1.33 1.47 1.33 1.47					A	123.7	8.25		
23493+5100	1	F	C	A	9.872 0.105 10.493 0.186				357.315 810 99 357.315 810 26	+51.007 754 30 +51.007 701 22	2.86 2.86		-6.92 -6.92	-0.04 -0.04		6.98 10.16 1.67 12.29 16.00 1.67	1.12 1.20 1.12 1.20					A	180	0.19		
23493-4708	1	F	C	A	9.182 0.008 10.743 0.032	9.477 0.017	8.966 0.016		357.316 692 18 357.316 982 29	-47.126 555 38 -47.126 819 31	6.13 6.13		27.40 27.40	-3.50 -3.50		1.73 1.76 2.19 9.16 10.41 2.19	1.83 1.47 1.83 1.47					A	143.2	1.19		
23497-4805	1	F	C	A	9.039 0.009 10.113 0.023				357.422 892 02 357.422 946 15	-48.080 354 15 -48.080 245 11	8.70 8.70		5.43 5.43	16.24 16.24		2.13 1.99 1.95 8.15 5.44 1.95	1.68 1.47 1.68 1.47					A	18	0.41		
23498+2741	1	F	C	A	7.584 0.084 8.198 0.149				357.460 302 18 357.460 344 04	+27.680 759 68 +27.680 737 02	4.77 4.77		57.76 57.76	-5.19 -5.19		6.42 4.49 0.82 8.79 6.81 0.82	0.65 0.49 0.65 0.49					A	121	0.156		
23500-5617	1	F	C	A	9.964 0.010 12.579 0.105	10.760 0.031	9.822 0.022		357.503 319 92 357.505 593 67	-56.277 795 98 -56.277 644 66	2.33 2.33		3.15 3.15	-7.51 -7.51		1.57 1.80 2.29 26.83 30.55 2.29	1.76 1.83 1.76 1.83					A	83.2	4.58		



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion			Standard Errors				Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	dp/dt			
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
23501-3720	1	FCA	A 117525 B 117525	9.089 0.025 9.243 0.029				357.517 843 89 357.517 745 99	-37.328 792 69 -37.328 837 69	8.52 8.52	-17.51 -22.39 -17.51 -22.39	3.41 2.12 1.21 1.14 0.66 3.85 2.30 1.21 1.14 0.66	A 240	0.324												
23502+1940	1	FCA	A 117531 S 117531	10.035 0.081 10.422 0.116				357.538 594 08 357.538 593 71	+19.666 726 27 +19.666 781 13	4.69 4.69	-43.03 -88.30 -43.03 -88.30	8.97 8.39 1.46 1.06 0.97 12.77 10.33 1.46 1.06 0.97	A 360	0.20												
23502-1723	1	FCA	A 117537 B 117537	10.031 0.007 10.532 0.011				357.552 871 89 357.552 753 56	-17.376 542 95 -17.376 377 52	5.10 5.10	97.03 -23.87 97.03 -23.87	4.03 2.85 4.29 6.40 3.20 6.67 4.64 4.29 6.40 3.20	A 325.7	0.721												
23503-5553	1	FCA	A 117545 B 117545	10.046 0.011 12.093 0.068	10.416 0.026	9.933 0.026		357.565 917 92 357.570 652 45	-55.875 999 59 -55.874 223 15	6.48 6.48	11.21 -1.26 11.21 -1.26	1.54 1.65 2.21 1.58 1.70 16.79 20.18 2.21 1.58 1.70	A 56.2	11.50												
23504+5710	1	FCB	A 117554 B 117554	7.977 0.010 11.522 0.240	8.030 0.008	7.937 0.009		357.603 775 90 357.599 492 77	+57.161 066 60 +57.158 039 81	0.64 0.64	6.67 0.61 6.67 0.61	0.96 1.10 1.37 1.29 1.09 43.92 41.03 1.37 1.29 1.09	A 217.5	13.74												
23505+4325	1	FCA	A 117565 B 117565	8.109 0.004 10.180 0.026	8.062 0.008	8.056 0.010		357.628 711 85 357.630 734 65	+43.419 278 27 +43.418 884 19	3.57 3.57	-13.13 -6.26 -13.13 -6.26	0.91 0.84 1.18 0.95 0.86 5.80 5.98 1.18 0.95 0.86	A 105.0	5.48												
23505+5937	1	FFD	A 117561 B 117561	8.439 0.033 11.151 0.397				357.619 132 92 357.619 016 69	+59.610 212 10 +59.610 140 32	3.36 3.36	1.38 -7.37 1.38 -7.37	5.73 7.02 2.01 1.82 1.86 19.24 29.34 2.01 1.82 1.86	A 219	0.33												
23505-2922	1	FCA	A 117566 B 117566	10.878 0.264 11.466 0.453				357.630 237 81 357.630 284 11	-29.363 161 36 -29.363 200 79	1.83 1.83	2.62 -0.76 2.62 -0.76	21.98 46.59 3.66 5.40 3.37 43.81 94.57 3.66 5.40 3.37	A 134	0.20												
23506+4705	1	FCA	A 117572 B 117572	9.494 0.279 10.368 0.223				357.649 773 00 357.649 816 70	+47.087 160 87 +47.087 139 25	3.42 3.42	8.84 -5.69 8.84 -5.69	15.66 10.61 1.17 0.74 0.85 27.69 24.74 1.17 0.74 0.85	A 126	0.13												
23506-5142	1	LCA	A 117570 B 117570	8.372 0.006 8.665 0.008				357.643 054 06 357.643 247 94	-51.705 147 97 -51.705 266 48	24.45 24.45	55.03 -109.53 90.28 -81.63	2.11 1.99 2.38 2.51 2.04 3.28 2.88 2.38 4.11 2.79	A 134.6	0.608 -4.2 +0.006												
23507-2554	1	FND	A 117581 B 117581	9.074 0.010 11.828 0.118	9.658 0.026	8.935 0.022		357.677 427 35 357.677 691 33	-25.908 379 54 -25.908 598 84	4.88 4.88	14.97 -35.21 14.97 -35.21	2.02 1.68 1.95 2.43 1.66 37.25 23.53 1.95 2.43 1.66	A 133	1.16												
23509-3334	1	FCA	A 117598 B 117598	8.968 0.005 11.592 0.050	9.438 0.016	8.879 0.015		357.734 687 19 357.734 931 01	-33.562 483 76 -33.561 700 05	9.25 9.25	-31.36 -21.01 -31.36 -21.01	1.38 1.00 1.35 1.35 0.86 12.67 10.13 1.35 1.35 0.86	A 14.5	2.91												
23511-2451	1	FCA	A 117608 B 117608	10.596 0.028 12.273 0.129	10.996 0.061	10.448 0.056		357.780 281 69 357.780 837 63	-24.845 620 60 -24.845 122 91	5.54 5.54	-17.60 -27.47 -17.60 -27.47	3.84 2.53 3.77 4.82 3.63 29.74 16.77 3.77 4.82 3.63	A 45.4	2.55												
23512-1903	1	LCA	A 117611 B 117610	8.577 0.006 10.827 0.041	9.031 0.032	8.540 0.031		357.788 887 02 357.788 028 33	-19.049 516 76 -19.046 730 96	10.57 21.53	26.88 0.78 52.35 13.57	2.50 2.31 2.55 3.44 2.38 21.31 19.00 16.62 20.17 16.43	A 343.8	10.45 +0.2 +0.01												
23514+4745	1	FCA	A 117637 B 117637	8.251 0.004 10.072 0.020				357.862 203 94 357.862 261 12	+47.754 372 39 +47.754 559 15	2.57 2.57	5.15 -1.43 5.15 -1.43	0.93 0.94 1.28 0.89 0.90 5.66 4.44 1.28 0.89 0.90	A 11.6	0.686												
23515+4205	1	FCA	B 117646 A 117646	8.106 0.004 8.177 0.005				357.887 633 75 357.887 803 56	+42.082 720 32 +42.082 632 31	4.22 4.22	-0.80 -7.83 -0.80 -7.83	1.86 1.73 2.22 1.91 1.37 2.35 2.73 2.22 1.91 1.37	B 124.9	0.553												
23515-7621	1	FND	A 117642 B 117642	8.766 0.007 12.292 0.183				357.879 801 29 357.879 770 34	-76.352 895 54 -76.353 014 17	2.87 2.87	6.04 -5.34 6.04 -5.34	1.01 1.07 1.09 0.98 0.91 36.35 37.22 1.09 0.98 0.91	A 184	0.43												
23518-0637	1	FCA	A 117666 S 117666	9.573 0.259 9.711 0.294				357.944 899 26 357.944 899 52	-6.613 026 06 -6.613 067 70	16.93 16.93	91.71 -14.38 91.71 -14.38	8.37 23.92 1.53 1.95 1.65 8.98 14.42 1.53 1.95 1.65	A 180	0.15												
23519+3753	1	FCA	A 117673 B 117673	7.738 0.007 7.864 0.008	8.084 0.009	7.634 0.012		357.968 555 01 357.970 510 64	+37.891 410 41 +37.891 501 00	16.17 16.17	-71.47 -74.44 -71.47 -74.44	1.71 1.11 1.63 1.59 0.90 2.37 1.92 1.63 1.59 0.90	A 86.64	5.566												
23519-2820	1	FCB	A 117676 B 117676	8.375 0.006 11.321 0.086	9.412 0.021	8.290 0.014		357.976 058 08 357.977 609 45	-28.326 825 03 -28.326 303 66	2.67 2.67	23.73 -3.76 23.73 -3.76	1.66 1.22 1.52 2.17 1.29 26.15 27.81 1.52 2.17 1.29	A 69.1	5.26												
23519-3230	1	FCC	A 117680 B 117680	9.498 0.027 12.925 0.638	10.052 0.022	9.419 0.019		357.985 800 80 357.985 409 55	-32.493 404 26 -32.493 288 38	10.06 10.06	-33.88 -18.10 -33.88 -18.10	3.21 2.94 3.86 3.38 2.33 112.49 51.10 3.86 3.38 2.33	A 289	1.26												
23520-4533	1	FCA	A 117687 B 117687	10.133 0.016 10.750 0.029				358.009 882 77 358.009 729 54	-45.546 159 00 -45.546 202 83	3.20 3.20	4.51 9.59 4.51 9.59	3.57 2.21 2.86 3.09 1.75 7.85 4.90 2.86 3.09 1.75	A 248	0.42												
23522+4331	1	FCA	A 117695 B 117695	8.777 0.009 9.057 0.011				358.039 783 71 358.039 841 40	+43.508 647 47 +43.508 987 95	8.16 8.16	88.65 -0.69 88.65 -0.69	1.78 1.83 2.16 1.70 1.55 4.22 5.28 2.16 1.70 1.55	A 7.0	1.23												
23522+4948	1	FCB	A 117699 B 117699	9.447 0.187 10.885 0.703				358.046 395 03 358.046 445 99	+49.805 518 92 +49.805 540 75	0.13 0.13	7.30 -2.11 7.30 -2.11	8.39 8.56 1.67 1.14 1.14 45.06 33.91 1.67 1.14 1.14	A 56	0.14												
23523+0130	1	FCC	A 117704 B 117704	8.231 0.004 12.026 0.127	8.548 0.009	8.166 0.009		358.070 102 25 358.070 362 70	+1.498 545 64 +1.498 091 58	8.20 8.20	24.92 2.77 24.92 2.77	1.87 0.86 1.62 2.17 0.75 72.75 34.15 1.62 2.17 0.75	A 150	1.88												
23525+1252	1	FCA	A 117717 B 117717	9.799 0.009 10.160 0.012	10.064 0.046	9.305 0.036		358.121 817 55 358.122 104 38	+12.872 839 34 +12.873 278 36	13.08 13.08	24.51 -34.60 24.51 -34.60	3.44 2.65 3.21 3.59 2.87 5.79 4.31 3.21 3.59 2.87	A 32.5	1.874												
23525-2822	1	FCA	A 117714 B 117714	9.918 0.010 11.920 0.056	10.463 0.044	9.796 0.040		358.111 537 42 358.111 660 92	-28.372 816 39 -28.374 035 88	3.02 3.02	30.91 6.77 30.91 6.77	2.59 1.99 2.57 4.64 2.47 16.05 12.96 2.57 4.64 2.47	A 174.9	4.41												



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)		Par. π mas	Proper Motion		Standard Errors					Relative Astrometry							
	S	N		H _p	σ	B _T	σ	V _T	σ		α deg	δ deg	μ_{α}	μ_{δ}	α^*	δ	π	μ_{α}	μ_{δ}	θ	ρ	d θ /dt	d ρ /dt		
1	2-3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
23526-4430	1	F CA	A 117729 B 117729	10.275 0.025 11.451 0.067	10.917 0.041	10.197 0.033	358.152 249 32 358.150 987 77	-44.500 007 52 -44.495 423 07	15.95 15.95	0.38 -67.31 0.38 -67.31	2.98 2.82 4.08 3.36 2.63 24.36 20.70 4.08 3.36 2.63	A 348.9 16.82													
23527+6512	1	F CA	A 117742 B 117742	9.448 0.044 11.545 0.306			358.186 915 35 358.187 017 70	+65.198 388 55 +65.198 438 79	2.76 2.76	9.13 1.42 9.13 1.42	5.88 5.00 1.31 1.34 1.19 33.24 29.18 1.31 1.34 1.19	A 41 0.24													
23528+3841	1	I CA	A 117752 C 117748	9.590 0.032 9.876 0.040	9.902 0.023 10.340 0.032	9.429 0.023 9.933 0.035	358.206 447 35 358.201 235 11	+38.687 840 61 +38.686 338 15	4.56 29.59	-14.29 -19.87 -3.78 -3.22	8.27 8.98 9.67 7.79 7.74 14.21 13.05 10.68 8.43 7.15	A 249.73 15.61 +0.04 -0.02													
23530+1155	1	I CA	A 117768 B 117764	7.361 0.031 7.942 0.041	7.615 0.008 8.286 0.010	7.269 0.008 7.926 0.011	358.249 633 34 358.244 302 39	+11.924 370 31 +11.925 508 56	9.58 11.42	52.69 -34.41 47.85 -33.02	3.55 2.56 3.28 3.06 2.33 14.24 10.99 6.68 9.56 7.40	A 282.31 19.22 0.00 +0.01													
23531-0520	1	F CC	A 117780 B 117780	9.732 0.013 12.800 0.208	11.819 0.169	9.810 0.044	358.283 085 05 358.282 771 14	-5.334 747 00 -5.334 791 64	-0.41 -0.41	14.28 -0.38 14.28 -0.38	2.46 2.03 2.68 3.41 2.53 64.91 49.48 2.68 3.41 2.53	A 262 1.14													
23534-4856	1	F CC	A 117799 B 117799	8.598 0.048 11.351 0.600			358.344 661 26 358.344 715 53	-48.936 339 43 -48.936 289 42	9.36 9.36	-8.78 -39.28 -8.78 -39.28	5.31 5.86 1.69 1.08 1.29 52.12 46.57 1.69 1.08 1.29	A 35 0.22													
23535+0142	1	F CA	A 117805 B 117805	8.735 0.005 11.904 0.087	9.392 0.013	8.641 0.011	358.386 568 85 358.386 929 56	+1.703 302 80 +1.703 502 71	12.21 12.21	138.35 17.62 138.35 17.62	2.13 0.83 1.62 2.34 0.82 47.12 18.31 1.62 2.34 0.82	A 61 1.48													
23536+1206	1	F CA	A 117809 B 117809	11.116 0.019 12.304 0.057			358.397 982 00 358.398 379 33	+12.106 454 31 +12.104 882 75	22.33 22.33	43.49 -111.89 43.49 -111.89	5.09 2.75 4.61 4.37 2.62 24.11 14.40 4.61 4.37 2.62	A 166.1 5.83													
23539-3534	1	F ND D	A 117837 B 117837	10.739 0.014 12.778 0.086			358.482 529 11 358.482 777 58	-35.564 686 65 -35.564 729 81	3.78 3.78	28.01 -12.89 28.01 -12.89	2.34 1.82 2.57 2.41 1.37 25.56 25.39 2.57 2.41 1.37	A 102 0.74													
23544+0228	1	F CA	A 117866 B 117866	7.967 0.003 9.553 0.013	7.905 0.012	7.834 0.015	358.606 054 69 358.605 575 58	+2.464 013 19 +2.464 018 16	2.76 2.76	-0.12 -44.60 -0.12 -44.60	1.63 0.72 1.40 1.47 0.76 6.88 3.08 1.40 1.47 0.76	A 270.6 1.72													
23544-2703	1	F CA	A 117860 B 117860	6.847 0.005 7.567 0.009	6.904 0.006 7.833 0.011	6.792 0.007 7.436 0.009	358.589 119 89 358.587 084 76	-27.042 909 47 -27.042 877 20	10.82 10.82	29.36 0.84 29.36 0.84	1.36 0.89 1.26 1.70 1.09 4.79 2.53 1.26 1.70 1.09	A 271.02 6.53													
23546-2302	1	F CB	A 117879 C 117879	12.030 0.111 12.510 0.172			358.659 628 54 358.659 626 74	-23.024 046 27 -23.023 973 21	8.62 8.62	3.91 12.08 3.91 12.08	12.97 11.39 5.51 6.36 4.92 36.50 29.15 5.51 6.36 4.92	A 359 0.26													
23551+7045	1	F CA	A 117921 B 117921	9.280 0.006 11.013 0.026			358.771 475 11 358.771 649 14	+70.754 664 02 +70.754 820 55	-0.59 -0.59	-3.85 -2.14 -3.85 -2.14	1.28 1.29 1.39 1.38 1.27 7.71 6.42 1.39 1.38 1.27	A 20 0.60													
23551-3722	1	F CA	A 117919 B 117919	8.257 0.004 9.574 0.013			358.770 234 68 358.770 023 75	-37.364 795 82 -37.364 984 80	7.58 7.58	-30.50 -32.67 -30.50 -32.67	1.21 1.00 1.48 1.39 0.93 5.27 4.12 1.48 1.39 0.93	A 221.6 0.909													
23557+4318	1	F CA	B 117971 A 117971	9.018 0.075 10.131 0.211			358.919 349 46 358.919 302 88	+43.302 915 68 +43.302 877 50	4.71 4.71	-4.57 -7.47 -4.57 -7.47	5.55 5.23 1.14 0.86 0.80 16.42 14.09 1.14 0.86 0.80	B 222 0.18													
23557-3310	1	F CB	A 117965 B 117965	10.989 0.100 11.949 0.243			358.914 741 87 358.914 760 45	-33.169 678 27 -33.169 737 46	16.68 16.68	293.76 30.17 293.76 30.17	3.95 8.14 2.40 1.98 1.33 15.16 29.93 2.40 1.98 1.33	A 165 0.22													
23561+2327	1	F CA	A 117996 B 117996	9.492 0.121 9.603 0.134			359.017 968 97 359.018 015 02	+23.446 877 92 +23.446 863 18	9.21 9.21	-44.35 -40.77 -44.35 -40.77	10.08 9.98 1.13 0.91 0.68 9.67 10.97 1.13 0.91 0.68	A 109 0.16													
23561+2520	1	F CA	A 118005 B 118005	9.264 0.009 9.923 0.016			359.031 710 13 359.031 625 85	+25.340 666 35 +25.340 737 69	8.13 8.13	78.49 59.07 78.49 59.07	2.11 1.97 2.05 1.61 1.17 4.41 4.64 2.05 1.61 1.17	A 313 0.376													
23563-0930	1	L CA	A 118020 B 118020	8.879 0.007 9.349 0.010	9.599 0.030 10.368 0.067	8.800 0.024 9.228 0.038	359.089 581 22 359.088 517 22	-9.498 996 72 -9.499 081 53	19.52 19.52	-269.71 -66.52 -275.93 -56.70	2.08 1.91 2.17 2.62 1.96 4.63 3.39 2.17 4.75 3.60	A 265.4 3.790 +0.2 +0.005													
23564-7052	1	F CB	A 118018 B 118018	9.661 0.035 11.243 0.125	9.999 0.031	9.531 0.032	359.080 672 30 359.094 382 27	-70.868 783 67 -70.865 420 46	5.13 5.13	9.08 -2.20 9.08 -2.20	2.38 2.28 2.55 2.65 2.22 43.35 65.91 2.55 2.65 2.22	A 53.2 20.21													
23565-4317	1	F CA	A 118031 B 118031	10.151 0.009 10.384 0.011			359.128 585 62 359.128 152 46	-43.290 365 88 -43.290 350 00	9.35 9.35	-4.46 -29.71 -4.46 -29.71	2.06 2.11 2.72 2.02 1.91 5.67 3.90 2.72 2.02 1.91	A 272.9 1.14													
23567-2254	1	F CA	A 118046 B 118046	11.264 0.018 12.434 0.050			359.164 802 97 359.164 672 00	-22.896 022 46 -22.895 967 30	1.91 1.91	-4.56 15.72 -4.56 15.72	4.40 2.62 3.73 4.18 3.42 17.73 12.66 3.73 4.18 3.42	A 295 0.48													
23570+4637	1	F FD D	A 118060 B 118060	7.839 0.068 9.758 0.397			359.245 653 38 359.245 616 33	+46.617 709 39 +46.617 745 22	3.99 3.99	54.45 8.69 54.45 8.69	7.57 7.92 0.87 0.56 0.63 34.08 23.74 0.87 0.56 0.63	A 325 0.16													
23570-6328	1	F CA	A 118061 B 118061	10.122 0.009 12.120 0.056			359.247 364 28 359.247 515 87	-63.459 851 85 -63.460 032 10	16.23 16.23	236.49 42.24 236.49 42.24	1.53 1.66 1.87 1.78 1.53 12.96 12.82 1.87 1.78 1.53	A 159 0.69													
23571-4126	1	F CC	A 118074 B 118074	8.921 0.009 12.603 0.275			359.277 339 78 359.277 285 13	-41.438 786 87 -41.438 684 22	7.36 7.36	79.75 -6.77 79.75 -6.77	1.56 2.03 1.70 1.19 1.24 54.70 68.61 1.70 1.19 1.24	A 338 0.40													
23573+7252	1	F CA	A 118093 B 118093	8.397 0.015 8.985 0.026			359.333 349 74 359.333 592 24	+72.859 171 65 +72.859 110 67	-0.28 -0.28	-0.49 -1.43 -0.49 -1.43	1.99 1.85 0.79 0.74 0.72 3.46 3.28 0.79 0.74 0.72	A 130 0.338													
23574-1606	1	I FC	A 118100 B 118101	9.514 0.006 10.795 0.006	10.198 0.042	9.495 0.035	359.346 393 32 359.346 937 97	-16.095 696 71 -16.091 646 53	6.97 15.05	51.33 1.36 79.11 -0.36	6.86 3.35 5.14 10.44 4.01 24.58 10.53 15.82 63.15 18.79	A 7.4 14.70 +0.1 0.00													



System CCDM	Solution		Comp. HIP	Magnitudes				Position (epoch J1991.25)			Par. π mas	Proper Motion			Standard Errors					Relative Astrometry								
	S	N		H _p	σ	B _T	σ	V _T	σ	α		δ	μ_{α^*}	μ_{δ}	α^*	δ	π	μ_{α^*}	μ_{δ}	θ	ρ	d θ /dt	dp/dt					
1	2	3-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
23576+6626	1	F	C	A	118118	10.726	0.016					359.392	083 15	+66.431	628 90	-0.25	-1.73	-1.58	2.56	1.87	1.94	2.22	1.55	A	271	0.42		
				B	118118	11.917	0.046					359.391	794 11	+66.431	631 85	-0.25	-1.73	-1.58	9.48	9.01	1.94	2.22	1.55					
23578-4549	1	F	C	C	A	118130	11.391	0.022				359.438	588 48	-45.814	940 30	23.47	365.94	-177.98	4.56	4.35	5.24	4.78	3.75	A	348	0.53		
				B	118130	13.327	0.129					359.438	543 91	-45.814	796 35	23.47	365.94	-177.98	42.79	33.46	5.24	4.78	3.75					
23580-2800	1	F	C	A	118155	9.672	0.023					359.510	199 37	-28.000	156 94	4.31	15.23	-25.07	3.58	2.03	1.75	2.67	0.86	A	306	0.310		
				B	118155	10.154	0.035					359.510	120 47	-28.000	106 41	4.31	15.23	-25.07	6.38	3.51	1.75	2.67	0.86					
23581+5050	1	F	C	A	118158	9.159	0.008	9.190	0.010	9.107	0.013	359.518	265 42	+50.836	794 41	2.90	5.78	-4.42	1.24	1.29	1.86	1.42	1.28	A	314.73	12.66		
				B	118158	11.213	0.048	11.480	0.125	12.598	0.511	359.514	308 26	+50.839	269 50	2.90	5.78	-4.42	12.88	12.68	1.86	1.42	1.28					
23581-2154	1	F	C	B	118164	9.187	0.235					359.534	776 98	-21.901	509 88	2.33	11.32	-12.97	13.49	6.91	1.63	1.32	0.88	A	92	0.12		
				B	118164	10.261	0.631					359.534	812 82	-21.901	511 08	2.33	11.32	-12.97	34.69	17.21	1.63	1.32	0.88					
23582+6414	1	F	C	C	A	118168	9.716	0.046				359.550	337 51	+64.227	814 93	0.06	6.21	-5.77	3.90	6.64	1.40	1.49	1.22	A	199	0.26		
				B	118168	12.303	0.502					359.550	282 81	+64.227	747 44	0.06	6.21	-5.77	41.47	54.36	1.40	1.49	1.22					
23584+3501	1	F	C	A	118177	6.846	0.005	7.053	0.009	6.812	0.008	359.588	075 85	+35.013	023 04	7.55	24.57	8.29	1.04	0.72	1.13	1.17	0.78	A	17.2	3.45		
				B	118177	9.782	0.036	9.875	0.036	9.335	0.033	359.588	421 58	+35.013	639 31	7.55	24.57	8.29	12.96	10.56	1.13	1.17	0.78					
23585-0141	1	F	C	B	118199	9.128	0.008	9.787	0.019	9.050	0.016	359.630	409 16	-1.688	498 41	9.07	-84.09	-109.51	2.07	1.30	2.30	2.30	1.32	A	314	1.92		
				B	118199	12.475	0.176					359.630	027 75	-1.688	127 34	9.07	-84.09	-109.51	56.02	39.01	2.30	2.30	1.32					
23586-1408	1	F	C	A	118205	7.726	0.038					359.643	331 69	-14.125	111 91	8.07	-20.78	10.44	5.75	3.59	1.37	1.70	0.80	A	15	0.20		
				B	118205	8.543	0.080					359.643	346 36	-14.125	057 23	8.07	-20.78	10.44	13.03	6.48	1.37	1.70	0.80					
23586-3841	1	F	C	A	118204	10.551	0.013					359.642	517 42	-38.685	927 47	2.41	16.39	11.75	3.27	2.21	3.30	2.98	1.83	A	282.5	0.96		
				B	118204	10.684	0.014					359.642	185 42	-38.685	870 04	2.41	16.39	11.75	6.20	4.88	3.30	2.98	1.83					
23588+0933	1	F	F	D	A	118222	8.763	0.182				359.704	410 32	+9.550	133 54	0.42	0.86	-30.13	13.18	14.29	1.28	1.10	0.78	A	327	0.13		
				B	118222	9.664	0.416					359.704	389 51	+9.550	164 86	0.42	0.86	-30.13	24.38	18.41	1.28	1.10	0.78					
23588+4454	1	F	N	D	A	118218	9.132	0.007	9.453	0.018	9.035	0.019	359.699	737 15	+44.895	945 13	6.87	3.85	21.33	1.21	1.06	1.57	1.25	0.97	A	316	1.59	
				B	118218	12.663	0.177					359.699	306 02	+44.896	262 46	6.87	3.85	21.33	42.88	35.57	1.57	1.25	0.97					
23591+5546	1	F	C	A	118243	4.989	0.002	4.861	0.006	4.986	0.006	359.752	207 29	+55.754	940 69	2.14	9.26	-5.09	0.54	0.57	0.75	0.57	0.55	A	326.2	3.143		
				B	118243	7.329	0.017	6.984	0.021	7.039	0.021	359.751	344 41	+55.755	666 16	2.14	9.26	-5.09	4.06	3.99	0.75	0.57	0.55					
23592+7448	1	F	C	A	118257	8.630	0.006					359.794	345 07	+74.807	249 41	7.36	23.25	-1.55	1.55	1.30	1.43	2.08	1.13	A	328.5	1.197		
				B	118257	8.762	0.007					359.793	681 07	+74.807	532 89	7.36	23.25	-1.55	2.67	3.06	1.43	2.08	1.13					
23594+3343	1	L	C	A	118281	6.574	0.004					359.872	224 32	+33.724	132 97	34.47	-59.03	-104.99	1.27	0.92	1.21	1.27	0.92	A	320.7	1.847	+1.0	+0.022
				B	118281	6.788	0.004					359.871	833 34	+33.724	529 65	34.47	-48.13	-67.70	2.27	1.80	1.21	1.55	1.30					
23595+4436	1	F	C	A	118282	10.238	0.013	11.096	0.056	10.153	0.039	359.873	451 42	+44.601	587 94	19.33	380.89	160.81	1.80	1.72	2.50	1.90	1.65	A	114	2.44		
				B	118282	12.666	0.120					359.874	322 76	+44.601	316 43	19.33	380.89	160.81	26.54	24.87	2.50	1.90	1.65					
23595+5441	1	F	C	A	118287	8.579	0.009					359.882	423 01	+54.688	496 61	3.14	-4.61	-5.55	1.66	1.60	1.67	1.36	1.15	A	85	0.381		
				B	118287	8.615	0.009					359.882	605 33	+54.688	505 07	3.14	-4.61	-5.55	2.10	2.59	1.67	1.36	1.15					
23595-2632	1	I	C	A	118284	8.110	0.005	8.502	0.019	8.032	0.019	359.876	347 24	-26.523	738 54	4.72	65.89	16.91	4.71	2.52	4.22	5.62	2.03	A	169.8	10.586	-0.1	+0.004
				B	118283	8.350	0.006	8.745	0.029	8.265	0.028	359.876	929 22	-26.526	632 68	-0.27	79.50	14.84	7.60	4.39	5.23	8.70	3.26					
23596-0748	1	F	C	A	118294	9.301	0.021	9.418	0.016	8.835	0.020	359.896	244 86	-7.810	509 16	8.09	-17.82	-158.38	3.87	2.24	3.78	6.23	1.97	A	291.7	1.66		
				B	118294	9.891	0.024	9.909	0.031	9.307	0.030	359.895	812 31	-7.810	338 98	8.09	-17.82	-158.38	9.43	5.07	3.78	6.23	1.97					

