Format of the Main Catalogue (118209 entries)

Field	SP*	Columns	Format	Content
1	1	1- 7	I6,1x	Hipparcos Input Catalogue (HIC) running number
2	2	8- 12	A4,1x	Component(s) considered
3	3	13- 14	A1,1x	Satellite target in case of joint entry: component, photocentre (j), or geometric centre (g)
4	4	15- 27	I2,1x,I2,1x,F6.3,1x	Right ascension (hours, minutes, seconds; equinox J2000.0)
5	5	28- 40	A1,I2,1x,I2,1x,F5.2,1x	Declination (degrees, arcmin, arcsec; equinox J2000.0)
6	6	41- 45	I4,1x	Epoch for the position (years)
7	7	46- 50	F4.2,1x	Mean error of the right ascension, $15\cos\delta$ m.e. in α (arcsec)
8	7	51- 55	F4.2,1x	Mean error of the declination (arcsec)
9	8	56- 57	A1,1x	Source of position (see Table B1)
10	-	58- 68	F10.6,1x	Right ascension (J2000.0, decimal degrees)
11	-	69- 79	F10.6,1x	Declination (J2000.0, decimal degrees)
12	-	80- 86	F6.2,1x	Galactic longitude (decimal degrees)
13	-	87- 93	F6.2,1x	Galactic latitude (decimal degrees)
14	-	94-100	F6.2,1x	Ecliptic longitude (decimal degrees)
15	-	101-107	F6.2,1x	Ecliptic latitude (decimal degrees)
16	34	108-120	I2,1x,I2,1x,F6.3,1x	Right ascension (hours, minutes, seconds; equinox B1950.0; epoch 1950.0, unless an epoch <2000 is given in field 6)
17	35	121-133	A1,I2,1x,I2,1x,F5.2,1x	Declination (degrees, arcmin, arcsec; equinox B1950.0; epoch 1950.0, unless an epoch <2000 is given in field 6)
18	-	134-144	F10.6,1x	Right ascension (B1950, decimal degrees)
19	-	145-155	F10.6,1x	Declination (B1950, decimal degrees)
20	9	156-162	F6.3,1x	Proper motion in RA, $15\mu_\alpha\cos\delta$ (arcsec per year, equinox J2000.0)
21	10	163-169	F6.3,1x	Proper motion in dec, μ_δ (arcsec per year, equinox J2000.0)
22	11	170-174	F4.3,1x	Error of the proper motion in RA (arcsec per year)
23	11	175-179	F4.3,1x	Error of the proper motion in dec (arcsec per year)
24	12	180-181	A1,1x	Source of proper motion (see Table B1)
25	13	182-187	F5.2,1x	$H_{\rm p}$, magnitude in the Hipparcos photometric system
26	14	188-190	A1,A1,1x	1st char: Variability code (range 1-5; see Table V1) 2nd char: C = photoelectric standard star with confirmed long-term stability S = secondary photoelectric standard star
27	15	191-197	F6.3,1x	V magnitude
28	16	198-202	F4.3,1x	Error of V magnitude
29	17	203-209	F6.3,1x	$B-V$
30	18	210-214	F4.3,1x	Error of $B-V$
31	19	215-216	A1,1x	Source of photometry (see Table B2)
32	20	217-228	A11,1x	Spectral type and luminosity class
33	21	229-230	A1,1x	Source of the spectral type data (see Table B3)

* SP = field number in printed version (ESA SP-1136) Tables B1–B5 are as in ESA SP-1136 (Volume 1)

Column entries are blank if the corresponding data are not available

Format of the Main Catalogue (cont.)

Field	SP*	Columns	Format	Content
34	36	231-236	I5,1x	Parallax (milli-arcsec)
35	37	237-239	I2,1x	Probable error of parallax (milli-arcsec)
36	38	240-241	A1,1x	Type of parallax: T for trigonometric, D for dynamical
37	28	242-248	F6.1,1x	Radial velocity (km/s)
38	29	249-251	A1,A1,1x	1st char: Quality of radial velocity (range a-e) 2nd char: Source of radial velocity (see Table B4)
39	22	252-261	A9,1x	Variable star name (GCVS or NSV)
40	23	262-265	A3,1x	Type of variability (see Table V2)
41	24	266-272	F6.1,1x	Period of variation (days)
42	25	273-277	F4.1,1x	V magnitude at maximum luminosity
43	26	278-282	F4.1,1x	V magnitude at minimum luminosity
44	27	283-285	A1,A1,1x	1st char: Coded error of the V magnitudes in fields 42-43 (range 1-4; see Table V3) 2nd char: Code specifying the magnitudes and colour given in fields 25, 27, 29 (range 1-5; see Table V4)
45	39	286-296	A10,1x	CCDM number
46	40	297-299	A2,1x	Components considered
47	-	300-303	A3,1x	Position angle (degrees) between the components considered; 'N', 'S', 'F', 'P', 'NP', 'SP', 'NF', 'SF' may also be used
48	41	304-310	F6.1,1x	Separation (arcsec) between the components considered
49	42	311-315	F4.1,1x	Magnitude difference between the components considered
50	43	316-317	A1,1x	'O' for system with known orbit; 'A' or '*' for astrometric binary
51	32	318-331	A13,1x	BD number. Last char: suffix to BD
52	32	332-345	A13,1x	CD number
53	32	346-359	A13,1x	CPD number
54	33	360-366	I6,1x	HD/HDE number
55	44	367-374	A7,1x	FK5/FK5 Ext/FK4 Sup or IRS (AGK3R/SRS) (see Table I1)
56	45	375-385	A10,1x	AGK3/CPC number (see Table I2)
57	46	386-392	I6,1x	SAO number
58	47	393-402	A9,1x	First of two selected identifiers
59	48	403-414	A11,1x	Second of two selected identifiers Identifiers in fields 58-59 are selected from: GL, GJ, G, LHS, LTT, LP, L, BPM, CF, McC (see Table I3)
60	49	415-428	A13,1x	Identifier for stars in: - galactic open clusters (see Table B5) - LMC/SMC (see Table I4) - C*, IRC, PK, WD (see Table I5)
61	50	429-430	A1,A1	1st char: S = survey star C = identification chart provided within the faint star Atlas (Annex 2 of printed version) T = S + C 2nd char: N = Note to entry provided

Format of Annex 1

Double and Multiple Systems (32290 components)

Field	SP*	Columns	Format	Content
1	1	1- 10	A10	CCDM number
2	2	11- 13	A1,A1,1x	1st char: Reference component when different from A 2nd char: Component considered
3	3	14- 20	I6,1x	Hipparcos Input Catalogue (HIC) running number
4	4	21- 32	I2,1x,I2,1x,F5.2,1x	Right ascension (hours, minutes, seconds; equinox J2000.0 & epoch J2000.0, unless no proper motion is available)
5	5	33- 44	A1,I2,1x,I2,1x,F4.1,1x	Declination (degrees, arcmin, arcsec; equinox J2000.0 & epoch J2000.0, unless no proper motion is available)
6	6	45- 49	F4.1,1x	Magnitude (generally V, sometimes photographic for the faintest systems)
7	7	50- 54	I4,1x	Year of observation of the relative position (for separations smaller than 10 arcsec)
8	8	55- 57	A3	Position angle (degrees); also 'N', 'S', 'F', 'P', 'NP', 'SP', 'NF', 'SF' may be used
9	9	58- 64	F6.1,1x	Separation (arcsec)
10	10	65- 67	A1,A1,1x	1st char: O = system with known orbit 2nd char: A = astrometric binary
11	11	68- 74	F6.3,1x	Proper motion in RA, $15\mu_\alpha \cos\delta$ (arcsec per year)
12	12	75- 81	F6.3,1x	Proper motion in dec, μ_δ (arcsec per year)
13	13	82- 95	A13,1x	DM number. Last char: suffix to DM, or '*' if HD convention is not followed
14	14	96-102	I6,1x	HD/HDE number
15	15	103-112	A9,1x	AGK3 or SAO number
16	16	113-125	A12,1x	IDS number (equinox B1900.0), with component indication
17	17	126-130	I5	ADS number

* SP = field number in printed version (ESA SP-1136)