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I	Astrometric Catalogues
II	Photometric Catalogues (excluding Radio)
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VIII	Radio and Far-IR Catalogues
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J	Published data (in Journals)

The catalogues are numbered in a chronological sequence within sections **I** to **VIII**, while the **J** section is order by *Journal, volume, first page*, where *Journal* is one of the following publications:

A+A	Astron. Astrophys.
A+AS	Astron. Astrophys. Suppl. Ser.
AcA	Acta Astron.
AJ	Astronom. J.
AN	Astron. Nachr.
ApJ	Astrophys. J.
ApJS	Astrophys. J. Suppl. Ser.
AZh	Astron. Zh.
BaltA	Baltic Astron.
MNRAS	Mon. Not. Royal Astron. Soc.
PASJ	Publ. Astron. Soc. Jap.
PASP	Publ. Astron. Soc. Pacific
PAZh	Pis'ma Astron. Zh.

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B	Bejing, WDC-D for Astronomy, Astronomical Observatory (China)
I	India, Inter-University Center for Astronomy & Astrophysics, Pune
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N	NSSDC/WDC-A, NASA, Goddard Space Flight Center, Greenbelt, Maryland, USA
T	Tokyo, Astronomical Data Analysis Center, Osawa, Japan
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References

Ochsenbein, F., 1992, *Bull. Inf. CDS* **41**, 65

Ochsenbein, F., 1993, *Bull. Inf. CDS* **42**, 75
Ochsenbein, F., 1994, *Bull. Inf. CDS* **44**, 19
Ochsenbein, F., 1995, *Bull. Inf. CDS* **46**, 29

I. Astrometric Data

Catalogue	*References*	*Contents*	*Remarks*
AGK2/3 *18Mb* *183264 stars* **I/2/** B-I-T *[Data in Simbad]*	Lacroute P., Valbousquet A. , *Astron. Astrophys. Suppl. Ser.* **16**, *345 (1974)*	*Id.*: AGK2, BD m_{pg}, *Sp* α, δ, σ_α, σ_δ (1950) (Epochs 1930, 1958) μ_α, μ_δ , $\sigma(\mu)$	Zone covered: $-2.5°$ to $+90°$ The plates have been reduced using an overlap method by Lacroute P. and Valbousquet A.
Cape Zone Catalogue *1.3Mb* *20843 stars* **I/5/** *f-v* *[Identifiers in Simbad]*	Spencer J.H., Jackson J., *Proper motions of stars in the Zone Catalogue of 20843 stars, Equinox 1900, Her Majesty's Stationery Office, London (1936)*	*Id.*: CZC, CPD m_{pg}, *Sp* α, δ (1900) μ_α, μ_δ	Zone covered: $-40°$ to $-52°$
Catalogue of 20554 Faint Stars in the Astrographic zone $-40°$ TO $-52°$ for the Equinox of 1900.0 *1.3Mb* *20554 stars* **I/6/** T-*f-v* *[Identifiers in Simbad]*	Spencer J.H., Jackson J., *Her Majesty's Stationery Office, London (1939)*	*Id.*: CFC, CPD m_{pg}, *Sp* α, δ (1900) μ_α, μ_δ	Zone covered : $-40°$ to $-52°$
Stern-Katalog für die Zone von $-6°$ bis $-10°$ südlicher Deklination für das Äquinoktium 1890, erste und zweite Abteilung *646Kb* *10251 records* **I/12/** B-I-M-N-T *[Identifiers in Simbad]*	Herz N., *Abh. des Königl. Preuss. Akademie der Wissenschaften vom Jahre 1906, Berlin (1907)*	*Id.*: Running $n°$, BD m_{pg} α, δ (1890)	Zone covered : $-6°$ to $-10°$ The positions are derived from meridian circle observations
Proper motions of 1160 late-type stars *49Kb* *1160 stars* **I/14/** B-I-M-N-T-*f-v*	Olsen H.J.F., *Astron. Astrophys. Suppl. Ser.* **2**, *69 (1970)*	*Id.*: HR, BD μ_α, μ_δ RV	Stars observed photoelectrically by Dickow et al. in catalog II/38/
Katalog von 3356 schwachen Sternen für das Äquinoktium 1950 *295Kb* *3356 stars* **I/16/** T-*f-v*	Larink J., *Hamburg-Bergedorf, Verlag der Sternwarte (1955)*	*Id.*: Number, BD m_{pg}, Sp α, δ (1950) μ_α, μ_δ	Zone covered: $-5°$ to $+90°$

Catalogue	*References*	*Contents*	*Remarks*
KASAN CATALOGUE *100Kb* *1144 records* **I/17/** B-I-M-T	NEFEDIAVA A.I.: 1963, *Isvade* **33**, *Isvetzia Astronomical Observatory Engelhardt*	*Id.*: Number, KSZ m_{pg} α, δ (1950)	Zone covered : +50° to +90°
MOSCOW CATALOGUE *133Kb* *2154 records* **I/18/** B-I-T	GULYAEV A.P., KOROBOVA V.A., KHOMYAKOVA M.B.: 1970, *Trudy Gaish* **39**, *21*	*Id.*: Number, KSZ m_{pg} α, δ (1950)	Only stars of the KSZ. Zone covered: +30° to +45°
MERIDIANÖRTER VON 1570 STERNEN *114Kb* *1567 records* **I/19/** B-I-T	HEINTZ W.D.: 1962, *Veröff. Sternwarte München*, **5**, *n° 15*	*Id.*: BD, FK4, ADS, GC α, δ (1950) m_{pg}	Zone covered : −30° to +90°
RESULTS OF OBSERVATIONS MADE WITH THE OTTAWA REVERSIBLE MERIDIAN CIRCLE 1954-1962 *134Kb* *1557 records* **I/20/** B-I-T	WOOLSEY E.G.: 1972, *Publ. Dominion Obs. Ottawa* **25**, *n° 9*	*Id.*: Number, BD, GC m_{pg}, *Sp* α, δ (1950)	Zone covered : −20° to +90°
CARTE DU CIEL CATALOGUE: OXFORD + TOULOUSE + BORDEAUX + PARIS ZONES *81Mb* *1696942 stars* **I/21A/** N-T-*f*	LACROUTE P., VALBOUSQUET A.: 1974, *Bull. Inform. CDS* **6** VALBOUSQUET A.: 1977, *Bull. Inform. CDS* **13**, *2* LACROUTE P.: 1981, *Bull. Inform. CDS* **21**, *2*	*Id.*: zone + plate number + star number, AGK2 α, δ (B1950) plate epoch, m_{pg}	Zone covered : +5° to +31° Zones in I/21/ and I/22/ are rearranged to I/21A/ and I/22A/. See also I/154/ and I/155/
Carte du Ciel catalogue: Alger zone *19Mb* *306432 records* **I/22A/** M-N-T-*f*	Lacroute P., Valbousquet A., *Bull. Inform. CDS* **6** *(1974)* Valbousquet A., *Bull. Inform. CDS* **13**, *2 (1977)* Lacroute P., *Bull. Inform. CDS* **21**, *2(1981)*	*Id.*: zone + plate number + star number, AGK2 α, δ (B1950) X, Y coordinate values Plate epoch, m_{pg} — **Note:** X, Y are not equal to those published.	Zone covered : −02° to +04° Zones in I/21/ and I/22/ are rearranged to I/21A and I/22A. Some data are missing and incomplete. See also I/154/ and I/155/.
CATALOGUE OF PROPER MOTIONS FOR 437 STARS *23Kb* *437 records* **I/23/** B-I-M-N-T	OLSEN H.J.F.: 1970, *Astron. Astrophys. Suppl. Ser.* **1**, *189*	*Id.*: HR μ_α, μ_δ V_r remarks	

Catalogue	*References*	*Contents*	*Remarks*
AGK2 A *877Kb* *13747 records* **I/24/** B-I-T	KOPFF A., PETERS J.: 1943, *Astronomisches Rechen-Institut Veröff.* **16**, *n° 71*	*Id.*: m_{pg} α, δ (epoch) μ_α, μ_δ	
Albany catalog of 20811 stars (epoch 1910) *866Kb* *20811 records* **I/25/** B-I-T	Boss B., Roy A.J., Varnum W.B., *Carnegie Institution of Washington (1932)*	*Id.*: BD m_{pg} α, δ (1910) number of observations	
BESANÇON: 2ème CATALOGUE *102Kb* *1386 records* **I/27/** B-I-T	MAITRE V.: 1955, *Ann. Obs. Besançon, fasc. IV*	*Id.* : BD α, δ (1930) $\sigma(\alpha, \delta)$ number of observations	
BONN 10: KATALOG VON 10663 STERNE *600Kb* *10663 records* **I/28/** B-I-N-T	KÜSTNER F.: 1908, *Veröffentl. Königl. Sternwarte zu Bonn,* **10**	m_{pg} α, δ (1900)	
BORDEAUX 50: CATALOGUE DE 2024 ETOILES *105Kb* *2024 records* **I/29/** B-I-T	C.N.R.S.(Paris): 1958,	*Id.*: BD m_{pg} α, δ (1950)	Zone covered : +11° to +18°
BRORFELDE CATALOGUE *227Kb* *3710 records* **I/30/** B-I-T	OLSEN H.J.F.: 1973, *Astron. Astrophys. Suppl. Ser.* **9**, *1*	*Id.* : $n°$, BD, GC m_{pg}, Sp α, δ (1973) (original epoch)	Meridian Observations made in Brorfelde from 1967 to 1979
Bucharest Catalogue: Catalogue KSZ d'étoiles faibles pour 1950.0 *211Kb* *3940 stars* **I/31/** T-*f*-*v*	Bucharest, *Bucharest (1972)*	*Id.*: KSZ, DM m_{pg}, Sp α, δ (1950) number of observations	Zone covered: −11° to +11°
FIRST GREENWICH CATALOG OF STARS FOR 1925.0 *256Kb* *2643 records* **I/33/** B-I-N-T	LONDON: 1924, *London Obs.*	*Id.*: GC (Boss's cat.) m_{pg}, *Sp* α, δ (1925) μ_α, μ_δ, $N(obs)$ annual precession secular variation	

Catalogue	*References*	*Contents*	*Remarks*
Second Greenwich Catalog of stars for 1925.0 *1.4Mb* *10587 stars* **I/34/** T-*f-v*	Royal Observatory, Greenwich , *London (1935)*	*Id.*: No, BD m_v, *Sp* α, δ (1925), Epoch μ_α, μ_δ $N(obs)$ precession secular variation	Zone covered : +32° to +64°
SECOND NINE YEAR CATALOG OF STARS FOR 1900: ASTROGRAPHIC REFERENCE STARS *980Kb* *10127 records* **I/35/** B-I-N-T	LONDON: 1909, *London*	*Id.*: Number, BD m_{pg} α, δ (1900) μ_α, μ_δ	
PARIS 50 : CATALOGUE DE 3997 ETOILES *173Kb* *3997 records* **I/37/** B-I-N-T	PARIS , *(Unpublished)*	*Id.*: BD m_{pg} α, δ (1950) number of obs.	Zone covered : +33° to +35°
TOKYO MITAKA CATALOGUE OF EQUATORIAL STARS 1950.0 (TME) *599Kb* *4135 records* **I/38/** B-I-N-T	TUZI K. : 1962, *Tokyo Ann. (2) 8,1*	*Id.*: KSZ, BD α, δ (1950) μ_α, μ_δ number of obs.	
RESULTS OF OBSERVATIONS MADE WITH THE 6" T.C. 1949-1956 CATALOGUE OF 5965 STARS FOR 1950, CORRECTIONS TO FK4, GC AND N30: CAT. WASH. 1950 *478Kb* *5965 records* **I/39/** B-I-T	ADAMS A.N., BESTUL S.M., SCOTT D.K.: 1964, *Publ. U.S. Naval Obs., 2nd series,* ***XIX****, part 1*	*Id.*: DM, FK4, GC, N30 m_{pg}, *Sp* α, δ (1950), $N(obs)$ Precession, Epoch Difference in α, δ with FK4, GC, N30	
WASHINGTON 20: Catalog of 9989 standard and intermediary stars *754Kb* *10571 stars* **I/40/** T-*f-v*	Morgan H.R., *Publ. USNO, 2nd series, vol. XIII, Washington (1933)*	*Id.*: Seq, DM m_{pg}, *Sp* α, δ (1920), Epoch μ_α, μ_δ, $N(obs)$	
Catalogue de 964 étoiles *50Kb* *964 stars* **I/41/** B-I-N-T	Fayet G. , *Cercle meridien Ann. Bur. Long. Vol.* **XIII** *(1963)*	*Id.*: BD m_{pg} α, δ (1910) number of obs.	Zone covered : +5° to +15°

Catalogue	*References*	*Contents*	*Remarks*
PFKSZ: Preliminary Catalogue of Fundamental Faints Stars *43Kb* *587 stars* **I/42/** T-*f*-*v*	Zverev M.S., Polozhentsev D.D. , *Publ. Pulkovo (2),* **72** *(#87 in ARI Veroëff 16)*	*Id.*: PFSZ, BD m_{pg}, *Sp* α, δ (1950) $\sigma(\alpha, \delta)$, epoch Precession μ_α, μ_δ	
Second Catalog of Fundamental Stars Santiago-Pulkovo (SFP-2) *42Kb* *668 stars* **I/44/** N-T-*f*-*v*	Baturina G.D., Bedin V.S., Gnevysheva K.G., Zverev M.S., Naumova A.A., Plugina A.I., Polozhentsev D.D., Polozhentseva T.A., Stepanova E.A., *Tr. Glav. Astron. Obs. Pulkovo, ser. 2* **86**, *4–158*	*Id.*: FK4 m_{pg} α, δ (1950) from FK4 $\alpha - \alpha_{FK4}$, $\sigma(\alpha)$ Epoch, $N(obs)$	
Catalogue de Zimmerman *286Kb* *2957 stars* **I/45/** T-*f*-*v*	Zimmerman N.W. , *Publ. Pulkovo (2),* **61** *(#85 in A.R.I. Veröff.* **16** *)*	*Id.*: Number, GC, FK4 m_v, *Sp* α, δ (1950), Epoch μ_α, μ_δ	
CATALOGUE BABELSBERG 4 (PRAGER) *734Kb* *8803 stars* **I/46/** B-I-T	PRAGER R.: , *Veröff. Berlin-Babelsberg* **4** *(***24** *in A.R.I. Veröff.)*	*Id.*: Number, BD α, δ (1920), Epoch Precession, secular variation μ_α, μ_δ, m	
CATALOGUE OF MELCHIOR- DEJAIFFE *33Kb* *440 records* **I/47/** B-I-T	MELCHIOR P., DEJAIFFE R.: 1973, *Obs. Royal Belgique Commun. (B)* **74**	*Id.*: Number, BD, GC α, δ (1950) (GC) μ_α, μ_δ	
Catalogue Meridien de Strasbourg 1972 *200Kb* *2832 records* **I/49/** B-I-N-T	Strasbourg Obs., *(Unpublished)*	*Id.*: Zverev, FK4, GC α, δ (Epoch) $\sigma(\alpha, \delta)$ $N(obs)$	
3ème CATALOGUE DE TOULOUSE *492Kb* *10070 records* **I/55/** B-I-N-T	PALOQUE E.: 1937, *Toulouse Annals,* **13**	*Id.*: Number, BD α, δ (1950) $N(obs)$	Zone covered : +3° to +12°
Catalogue de 14263 étoiles comprises entre +16° et +24° *559Kb* *14263 stars* **I/57/** B-I-N-T-*f*-*v*	, *Hendaye (1915)*	*Id.*: Number, BD m_v α, δ (1900)	Zone covered: +16° to +24°

Catalogue	References	Contents	Remarks
Catalogue of proper motions of 12590 faint stars in the +25° to −20° declination zone *422Kb* *12590 stars* **I/59/** T-*f*-*v*	Gorel L.F. , *Trudy Glav. Astron. Obs. Pulkovo, 2nd serie* **LXXX**, *15-154*	*Id.*: Number, BD m_{pg} μ_α, μ_δ , $\sigma(\mu_\alpha, \mu_\delta)$	
AGK3 *16Mb* *183145 stars* **I/61B/** N-T-*f*-*v*	Heckmann O., Dieckvoss W., *Hamburg-Bergedorf (1975)*	*Id.*: Number, AGK3, BD m_{pg}, *Sp* α, δ (1950), Epoch $\mu_1 = \mu\alpha\cos\delta$, μ_δ $\mu(AGK3) - \mu(AGK2)$	Zone covered: 90° to -2° ARI Heidelberg tape not absolutely identical with the printed AGK3
PERTH 70: A CATALOGUE OF POSITIONS OF 24900 STARS *3.7Mb* *24978 stars* **I/62C/** N-T-*f*-*v*	HO G E., VON DER HEIDE J.: 1976, *Abh. Hamburger Sternw.*, **IX**.	*Id.*: SRS, DM, FK4S α, δ (1950), Mean Epoch μ_α, μ_δ and σ $\sigma(\alpha)$, $\sigma(\delta)$, $N(obs)$ m_v, *Sp*, π, V_r	by exchange from NASA-Goddard Zones covered: −90° to +5°
A CATALOGUE OF 1649 STARS OBSERVED IN BORDEAUX WITH A TRACKING PHOTOELECTRIC MERIDIAN MICROMETER *131Kb* *1649 records* **I/63/** B-I-T	MAZURIER J.M., MANGENOT G., REQUIEME Y.: 1977, *Astron. Astrophys. Suppl. Ser.* **27**, *467*	*Id.*: Number, BD m_v, *Sp* α, δ (1950.0) $N(obs)$, Epoch	
Catalogue d'Abbadia de +5°15′ à −3°15′ *546Kb* *13532 stars* **I/65/** B-I-T-*f*-*v*	, *Abbadia Obs. (1914)*	*Id.*: Number, BD α, δ (1900), Epoch $N(obs)$	Zone covered: +5°15′ to −3°15′
SECOND CATALOGUE DE L'OBSERVATOIRE DE BORDEAUX 1900 DE +09° à +17° *351Kb* *7038 records* **I/66/** B-I-T	BORDEAUX: 1900, *Bordeaux Obs.*	*Id.*: Number, BD α, δ, epoch m_V, $N(obs)$	Zone covered: +9° to +17°
CATALOGUE DE 10656 ETOILES DE REPERE DE LA CARTE DU CIEL, Zone +16° à +24° *479Kb* *10656 records* **I/67/** B-I-T	PARIS: 1929, *Paris Obs.*	*Id.*: Number, BD α, δ (1900), Epoch $N(obs)$	

Catalogue	*References*	*Contents*	*Remarks*
Positions and proper motions of 1981 stars in the vicinity of α Per *159Kb* *1981 stars* **I/68A/** B-I-N-T-*f*-*v*	Fresneau A., *Bull. Inform. CDS* **18**, *81 (1980)*	*Id.*: Heckmann, BD m_{pg}, *Sp* α, δ, σ, Epoch (1950) $\mu_\alpha + \sigma$, $\mu_\delta + \sigma$	Supersedes the microfiche I/68/
Supplemental BD Stars *32Kb* *838 records* **I/71/** T-*f*-*v*	Warren W.H., Kress K., *Astronomical Data Center Bull.* **1**, *19 (1980)*	*Id.*: BD (number & letter) α, δ (1855) BD magnitude	By exchange from NASA-Goddard
AGK3R mean positions and proper motions *1.6Mb* *20194 records* **I/72/** B-I-L-M-T-*f*-*v* *[Data in Simbad]*	Corbin T.E., *IAU Coll.* **48**, *505 (1978)*	*Id.*: AGK3R, BD α, δ (1950) $+\sigma$ μ_α, μ_δ $+\sigma$ Epoch, Weight	See **I/161**
HKE Sydney Catalog *1.5Mb* *20457 stars* **I/73/** B-I-M-N-T-*f*-*v*	Eichhorn H., Googe W.D., Lukac C.F., Murphy J.K., *Astron. J.* **88**, *546 (1983)*	*Id.*: CPD α, δ (1950) m_{pg} N(image measurements)	Zone $-48°$ to $-54°$
Quatrième catalogue méridien de l'Observatoire de Besançon *84Kb* *953 stars* **I/74/** B-I-M-N-T	Crézé M., Mazodier B., Clairemidi J., Colin J., Considère S., Hilaire G., Oblak E., Parisot J.P., Puel F., Andrez R., Athanase M., Chabod D., Godet L., Jeandenans P., Mougins B., Vincent A., Vincent M., *Astron. Astrophys. Suppl. Ser.* **50**, *147 (1982)*	*Id.*: HD, FK4 m_v $N(obs)$ α, δ (1950) Mean epoch Observed dispersion Binarity indexes Mean difference with FK4	Differential meridian positions for F-type stars Zone $+15°$ to $+45°$
SECOND CAPE CATALOGUE FOR 1950.0 *417Kb* *7180 stars* **I/75/** B-I-M-N-T	STOY R.H.: 1968, *Annals of the Cape Obs.* **XXIII**	*Id.*: GC, DM m_v, *Sp* α, δ with σ Precession coeff. Epoch μ_α, μ_δ Differences with GC	
Third Santiago-Pulkovo Fundamental Stars Catalogue (SPF3) *34Kb* *671 stars* **I/78/** N-T-*f*-*v*	Loyola P.R., Shishkina V.N., *SFP3, Publ. Dept. Astronomy Univ. of Chile* **2**, *159 (1974)*	*Id.*: SFP3, FK4, N30, GC α, δ (1950.0), Epoch m_v $N(obs)$, σ	By exchange from NASA-Goddard

Catalogue	References	Contents	Remarks
Lowell Proper Motion Survey of Northern Hemisphere: the G-numbered stars *723Kb* *8989 stars* **I/79/** T-*f*-*v*	Giclas H.L., Burnham R.Jr, Thomas N.G., *Flagstaff, Lowell Obs. (1971)*	*Id.*: G α, δ (1950) μ, θ m_{pg}, m_v, UBV	See **I/112/** (was **I/41/**)
Catalog of 5268 standard stars, 1950.0, based on the normal system N30 *482Kb* *5545 stars* **I/80/** N-T-*f*-*v*	MORGAN H.R.: 1952, *Astron. Papers Amer. Ephemeris* **13***, Part III*	*Id.*: Number, DM, GC m_{pg}, *Sp* α, δ (1950) μ_α, μ_δ, σ	By exchange from NASA-Goddard I/13/ + notes
First Santiago-Pulkovo Fundamental Stars Catalogue (SPF1) *57Kb* *1043 stars* **I/82/** N-T-*f*-*v*	Anguita C., Carrasco G., Loyola P., Bedin V.N., Naumova A.A., Polojentsev D.D., Polojentseva T.A., Tavastherna K.N., Zverev M.S., *SFB1, Publ. Dept. Astron., Univ. of Chile,* **2***, 181 (1975)*	*Id.*: FK4 α, δ (1950) $\alpha - \alpha(FK4)$, $\sigma(\alpha)$ Epoch, $N(obs)$	By exchange from NASA-Goddard See also I/43/
Second Cape Photographic Catalogue 1950.0 (CPC2) I. Provisional Catalogue of positions of stars in the Cape zone $-40°$ to $-52°$ *4.1Mb* *51017 stars* **I/85/** T-*f*-*v*	Nicholson W., Penston M.J., Murray C.A., de Vegt Ch., *Mon. Not. R. Astron. Soc.* **208***, 911 (1984)*	*Id.*: CPC2, SAO, SRS α, δ (1950), Epoch, σ m_V N(*plates*) μ_α, μ_δ, σ Difference SRS/CPC2	Provisional values in zones $-40°$ to $-52°$ See also **I/265**
Sydney Southern Star Catalogue *1.6Mb* *26926 stars* **I/86A/** T-*f*-*v*	King D.S., Lomb N.R., *J. Proc. R. Soc. N.S.W.* **116***, 53; Sydney Obs. Paper* **96** *(1983)*	*Id.*: m_{pg} α, δ (1950), epoch N(plates) μ_α, μ_δ	The Sydney measured positions (115740 records) is available on special request
Luyten Half-Second Catalogue (LHS) *364Kb* *4471 stars* **I/87B/** T-*f*-*v* *[Identifiers in Simbad]*	Luyten W.J., *Minneapolis, Univ. Minnesota (1976)*	*Id.*: LHS, other α, δ (2000, 1950) m_R, m_{pg}, *Sp* μ, θ	New version of **I/54A** Superseded by **I/279**

Catalogue	*References*	*Contents*	*Remarks*
Santiago 67 catalogue *653Kb* *7610 stars* **I/89A/** I-N-T	Carrasco G., Loyola P., *Univ. de Chile, Dep. de Astronomia,* **IV** *(1981)*	*Id.*: SRS/BS/FK4, DM m_v, *Sp* α, δ (1950), Epoch, $N(obs)$ σ, μ, remarks	9 corrections to the printed version by exchange from NASA-Goddard
Accurate Positions of 502 stars of Pleiades *36Kb* *502 stars* **I/90/** I-M-N-T-*f*-*v*	Eichhorn H., Googe W.D., Lukac C.E., Murphy J.K., *Mem. Roy. Astron. Soc.* **73**, *125 (1970)*	*Id.*: Hertzprung m_v, color index α, δ, σ μ_α, μ_δ Difference in μ with Hertzprung's (1974) Difference in α, δ, with Koenig's (1924)	By exchange from NASA-Goddard
Survey of the Astrographic Catalogue from 1° to 31° of Northern Declination *26Mb* *997311 stars* **I/96/** T-*f*-*v*	Fresneau A., *Astron. J.* **88**, *1378 (1983); Proc. Sympos. Strasbourg, Sept. 1983, Statistical Methods in Astronomy, ESA* **SP-201**, *17*	*Id.*: AC α, δ (1950), mean epoch m_{pg}	By exchange from NASA-Goddard Based on data from I/21/ and I/22/
PERTH 75: A CATALOGUE OF POSITIONS OF 2589 FK4 AND FK4S STARS *205Kb* *2589 records* **I/97/** B-I-M-N-T-*f*-*v*	NIKOLOFF I., HOG E.: 1982, *Bickley W. Australia, Perth Observatory*	*Id.*: FK4 m_v, *Sp* α, δ (1950) μ_α, μ_δ $N(obs)$, epoch	By exchange from NASA-Goddard
New Luyten Catalogue of stars with proper motions larger than 0.2arcsec/yr (NLTT), and First Supplement *4.0Mb* *58845 stars* **I/98A/** M-N-T-*f*-*v*	Luyten W.J., *Minneapolis, University of Minnesota (1979)* Luyten W.J., Hughes H.S., *Proper Motion Survey with the Forty-Eight Inch Schmidt Telescope.* **LV** *(1980)*	*Id.*: NLTT α, δ (1950) m_{pg}, m_R *Sp* or color class μ, θ addenda & supplement flags	See the Revised NLTT by Salim & Gould **J/ApJ/582/1011**

Catalogue	*References*	*Contents*	*Remarks*
Brorfelde Meridian Catalogues: Brorfelde photographic meridian catalogues and Brorfelde photoelectric meridian catalogues *1.4Mb* *13777 positions* **I/99/** B-I-M-N-T-*f*-*v*	Lautsen S., *Publ. Mindre Medd. Kbh. Obs. (1968)* Olsen H.J. Fogh, *Astron. Astrophys. Suppl. Ser.* **9***, 1(1973)* Olsen H.J. Fogh, Helmer L., *Astron. Astrophys. Suppl. Ser.* **30***, 349 (1977)* Helmer L., Olsen H.J. Fogh , *Astron. Astrophys. Suppl. Ser.* **49***, 13 (1982)* Helmer L., Fabricius C., Einicke O.H., Thoburn C., *Astron. Astrophys. Suppl. Ser.* **53***, 223 (1983)* Helmer L., Fabricius C., Einicke O.H., Thoburn C., Morrison L.V., *Astron. Astrophys. Suppl. Ser.* **55***, 87 (1984)*	Photographic catalogue *Id.*: BD, AGK3, FK4, NPZT, GC, ADS, BDS m_v, *Sp* α, δ, $N(obs)$ Epoch, Parallax factor . Photoelectric catalogue *Id.*: DM, AGK3, SAOC, HD, GC, FK4/FK4Suppl, Gliese, ADS m_v, *Sp* α, δ, $N(obs)$ Epoch	
Washington 6-inch transit circle Catalogues (210, 025, 150, 250, 350, 450, 550) *2.7Mb* *35175 stars* **I/100A/** N-T-*f*-*v*	Hammond J.C. , *Publ. U.S. Naval Obs. (2)* **11***, 665 (1927)* **(W210)** Watts C.B., Adams A.N., *PUSNO2* **16***, Part I, 1 (1949)* **(W025)***;* **16***, Part I, 255 (1949)* **(W150)** Watts C.B., Scott F.P., Adams A.N. , *PUSNO2* **16***, Part III, 447 (1952)* **(W250)** Adams A.N., Bestul S.M., Scott D.K., *PUSNO2* **19***, Part I, 111 (1964)* **(W350)***;* **19***, Part II, 295 (1968)* **(W450)** Hughes J.A., Scott D.K., *PUSNO2* **23***, Part III, 165 (1982)* **(W450)**	*Id.*: BD / CD α, δ (1950) μ_α, μ_δ N_{obs}	by exchange from NASA-Goddard Groups previous catalogs **I/100** to **I/106**
Cape Photographic Durchmusterung (CPD: -18 to -89) *13Mb* *454877 stars* **I/108/** B-I-M-N-T-*f*-*v*	Gill D., Kapteyn J.C., *Annals of the Cape Obs.*, **3 − 5** *(1895-1900)*	*Id.*: CPD m_{pg} α, δ (1875)	By exchange from NASA-Goddard
Catalogue of double star occultation observations *54Kb* *224 occultations* **I/110/** N-T-*f*-*v*	Evans D.S., *Proc. IAU Coll.* **62** *Lowell Obs. Bull.* **167***, 73 (1983)*	*Id.*: SAO, DM, name m, *Sp*, ref. Separation, σ(sep) PA, slope, σ(slope) $B2 - B1$, $R2 - R1$	Keypunched at the CDS Previously number VI/21/

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Southern Hemisphere Lowell Proper Motion Catalog *390Kb* *2828 stars* **I/112A/** T-*f*-*v*	Giclas H.L., Burnham R. Jr., Thomas N.G., *Lowell Obs. Bull.* **164** *(1978)*	*Id.*: Giclas α, δ (1950) μ, θ m_{pg}, color references	See **I/79/**
General Catalogue of 33342 stars (Version 1985) *5.0Mb* *33342 stars* **I/113A/** N-T-*f*-*v*	Boss B. , *Carnegie Inst. of Wash. Publ.* **468** *(1937)*	*Id.*: GC, DM, SAO, HD m_v, *Sp* α, δ (1950); ℓ, b μ_α, μ_δ, σ annual and secular variations, 3rd term	by exchange from NASA-Goddard supersedes I/113/
Cordoba Durchmusterung (CD: $-22°$ to $-89°$) *18Mb* *613959 stars* **I/114/** B-I-M-N-T-*f*-*v*	Thome J.M., *Resultados del Observatorio National Argentino* **16, 17, 18,** *parts I & II (1892-1932)*	*Id.*: CD m_v α, δ (1875)	Contains I/88/ By exchange from NASA-Goddard
Cape Photographic Catalogue *4.9Mb* *68467 stars* **I/116/** T-*f*-*v* *[Identifiers in Simbad]*	Stoy R.H., Jackson J. , *Annals of the Cape Observatory* **17 − 22** *(1954–1968)*	*Id.*: CPC, DM m_{pg}, m_v, *Sp* α, δ, $\sigma(\alpha, \delta)$ (1950) μ_α, μ_δ	Was **I/4/** Zones covered: $-30°$ to $-40°$ $-52°$ to $-90°$
ELEMENTS OF MINOR PLANETS FOR 1986 *511Kb* *3195 records* **I/118/** B-M-N-T-*f*	BATRAKOV Yu.V.: 1985, *Izdatel'stvo Nauka, Leningrad*	*Id.*: Number, Name Epoch, mean anomaly, Argument of perihelion Node, Inclination, eccentricity, mean daily motion $N(obs)$ σ, references	by exchange from the Moscow Data Center see also I/124/ and I/127/
Südlicher Durchmusterung (SD: $-1°$ to $-23°$) *4.4Mb* *134833 stars* **I/119/** N-T-*f*-*v*	Schönfeld E., *Astron. Beob.* **8**, *part IV (1886)*	*Id.*: SD (BD) m_v α, δ (1855)	By exchange from NASA-Goddard
Common Proper Motion Stars in the AGK3 *116Kb* *439 systems* **I/121/** B-I-M-N-T-*f*-*v*	Halbwachs J.L., *Astron. Astrophys. Suppl. Ser.* **66**, *131 (1986)*	*Id.*: AGK2, HD/DM, ADS/IDS, LDS, cluster *m*, *Sp* α, δ (1950) μ, θ, ρ	

Catalogue	*References*	*Contents*	*Remarks*
Bonner Durchmusterung (BD: +89° TO −01°) *10.0Mb* *325037 stars* **I/122/** T-*f*-*v*	Argelander F.W.A., *Bonner Sternverzeichniss, 1. bis 3. Sektion, Astronomische Beobachtungen auf der Sternwarte der Kgl. Rhein. Friedrich-Wilhelms- Universität zu Bonn,* **3–5** *(1859-1862)*	*Id.*: BD $m_v(BD)$ α, δ (1855)	By exchange from NASA-Goddard supersedes I/83 and I/84
Lunar Occultations of IRAS Point Sources: 1986-1990 *810Kb* *14148 records* **I/123/** B-I-M-N	Simon M., Cassar L., Chen W.P., *Astrophys. J. Suppl. Ser.* **62***, 673 (1986)*	*Id.*: IRAS starting and ending years of the interval during which geocentric events occur for the object F (Jy), flags	By exchange from NASA-Goddard see also I/142/
Elements of Minor Planets for 1987 *563Kb* *3330 records* **I/124/** B-I-N-T	Batrakov Yu.V. , *Izdatel'stvo Nauka, Leningrad*	*Id.*: Number, Name Epoch, mean anomaly, Argument of perihelion Node Inclination, eccentricity, mean daily motion H, G (photometry) N_{obs}, N_{opp} References	by exchange from the Moscow Data Center see also I/127/
COMBINED LICK-VOYAGER REFERENCE STAR CATALOGUE *2.0Mb* *25136 stars* **I/125A/** N-T-*f*-*v*	DUNHAM D.W. : 1986,	*Id.*: Lick/DM, SAO, AGK3 α, δ (1950), Epoch, σ μ_α, μ_δ, σ m_V , m_{pg} π	by exchange from NASA-Goddard
Elements of Minor Planets for 1988 *810Kb* *3516 records* **I/127/** B-I-T	BATRAKOV Yu.V., *Izdatel'stvo Nauka, Leningrad*	*Id.*: Number, Name Epoch, mean anomaly, Argument of perihelion Node Inclination, eccentricity, mean daily motion H, G (photometry) N_{obs}, N_{opp} References	by exchange from the Moscow Data Center see also I/124/
PHOTOGRAPHIC OBSERVATIONS OF VISUAL DOUBLE STARS *37Kb* *272 observations* **I/128/** N-T-*f*-*v*	VAN ALBADA-VAN DIEN E., PANJAITAN E.: 1987, *Astron. Astrophys. Suppl. Ser.* **68***, 117*	*Id.*: ADS/IDS, name α, δ (1900, 2000), epoch m, *Sp* ρ, θ N(plates), notes	
CATALOGUE OF 6125 STARS NEAR THE SOUTH GALACTIC POLE *784Kb* *6181 stars* **I/129/** B-I-M-N-T-*f*-*v*	MURRAY C.A., ARGYLE R.W., CORBEN P.M. : 1986, *Mon. Not. R. Astron. Soc.* **223***, 629*	*Id.*: Number, RGO B, V, $B-V$ α, δ, μ, π quality code, standard errors mean epoch X, Y	See also J/AJ/103/514

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THE LDS CATALOGUE: DOUBLE STARS WITH COMMON PROPER MOTION *701Kb* *6121 systems* **I/130/** B-I-M-N-T-*f*-*v*	LUYTEN W.J.: 1940,, *Publ. Astr. Obs. Univ. Minnesota* **III**, *part 3, 35* LUYTEN W.J.: 1969–1987, *Proper motion survey with the 48-inch Schmidt Telescope, XXI, XXV, XIX, XL, L, LXIV, LV, LXXI, Univ. Minnes.*	*Id.*: LDS, LP, L, DM α, δ (1950) m_{pg}, m_R, color class μ, θ Position of component Remarks, Reference	keypunched at the C.D.S.
Smithsonian Astrophysical Observatory (SAO) Star Catalog (edition ADC 1989) *51Mb* *258997 stars* **I/131A/** N-T-*f*-*v*	SAO Staff, *Publ. of the Smithsonian Institution of Washington, D.C.* **4652** *(1966)*	*Id.*: SAO, DM, HD, GC α, δ (B1950, J2000), σ m_{pg}, m_v, *Sp* μ_α, μ_δ sources, remarks,	By exchange from NASA-Goddard Errors discovered up to May 1989 were corrected
Catalogue of Trapezium Multiple Systems *57Kb* *412 systems* **I/134/** T-*f*-*v*	Salukvadze G.N., *Abastumans. Astrofiz. Obs. Bull.* **49**, *39* *Astrofizika* **14**, *57 (1978)* *Bull. Inf. C.D.S.* **33**, *127 (1987)*	*Id.*: IDS, ADS, DM α, δ (1900) ρ, θ *m*, *Sp*	By exchange from the Moscow Data Center
CATALOGUE OF MULTIPLE AND DOUBLE STARS OF T-ASSOCIATIONS *39Kb* *525 records* **I/135/** B-I-M-N-T	SALUKVADZE G.N. : 1980, *Astrofizika* **16**, *505;* **16**, *687*	*Id.*: association, star α, δ (1900) *m*, *Sp*, colour indices ρ, θ	By exchange from the Moscow Data Center
CATALOGUE OF TRAPEZIUM TYPE MULTIPLE SYSTEMS IN T-ASSOCIATIONS *46Kb* *593 records* **I/136/** B-I-M-N-T	SALUKVADZE G.N.: 1980, *Astrofizika* **16**, *505;* **16**, *687*	*Id.*: association, star α, δ (1900) *m*, *Sp*, colour indices ρ, θ	By exchange from the Moscow Data Center
GENERAL CATALOGUE OF POSITIONS AND PROPER MOTIONS OF 4949 GEODETICAL STARS FROM +90 TO -90 (CGS) *379Kb* *593 records* **I/137/** B-I-M-N-T	KHRUTSKAYA E.V.: 1984 , *Dep Union Inst. Scient. and Tech. Inf.* **4077-84**, **4078-84**	*Id.* : CGS/1/, BS/FK5, BD, GC α, δ (2000), σ μ, *m*, *Sp*	By exchange from the Moscow Data Center
The Southern Reference Star Catalogue of 20488 Positions *3.4Mb* *20488 stars* **I/138/** B-N-T-*f*-*v*	Smith C.A., et al., in *IAU Symposium* **141**, Inertial Coordinate System on the Sky, ed. J.H. Lieske and V.K. Abalakin, *457 (1988)*	*Id.*: SRS, DM *m*, *Sp* α, δ (B1950), N(obs) mean Epochs μ_α, μ_δ (B1950) α, δ, μ_α, μ_δ (J2000)	by exchange from NASA-Goddard

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Yale Zone Catalogue *21Mb* *221338 stars* **I/141/** T-*f*-*v*	Schlesinger F., Barney I., *Trans. Astron. Obs. Yale Univ.* **11–32** *(1939-1983)*	*Id.*: AGK1, DM m_{pg}, m_v, *Sp* α, δ, σ (1950) μ_α, μ_δ, σ	
LUNAR OCCULTATIONS OF IRAS POINT SOURCES: 1991-2000 *1.5Mb* *27998 records* **I/142/** B-I-M-N-T	CASSAR L., CHEN W.P., SIMON M.: 1989 , *Astrophys. J., Suppl. Ser.* **69**, *651*	*Id.*: IRAS starting and ending years of the interval during which geocentric events occur for the object F (Jy), flags IRAS association	By exchange from NASA-Goddard see also I/123/
FK4 and FK4 Supplement *778Kb* *1535 stars* **I/143/** T-*f*-*v*	Fricke W., Kopff A., *Veröff. Astron. Rechen-Inst., Heidelberg,* **10**, **11**	*Id.*: FK4, GC, N30, FK4Sup α, $\partial\alpha/\partial t$, $\partial^2\alpha/\partial t^2$, $\sigma(\alpha)$ μ_α, $\partial\mu_\alpha/\partial t$, $\sigma(\mu_\alpha)$ δ, $\partial\delta/\partial t$, $\partial^2\delta/\partial t^2$, $\sigma(\delta)$ μ_δ, $\partial\mu_\delta/\partial t$, $\sigma(\mu_\delta)$ π	By exchange from NASA-Goddard
First, Second and Third Herstmonceux catalogues of stars for 1950.0 *4.5Mb* *27493 stars* **I/144/** B-I-M-N-T-*f*-*v*	Tucker R.H., Buontempo M.E., Gibbs P., Swifte R.H.D., *Royal Greenwitch Obs.Bull.,* **189** *(1983)*	*Id.*: AGK3R, PZT, Blaauw, GCRV, GCVS, Robertson, NPZT, GC, HD, SAO, AGK, ADS, IDS α, δ, epoch, $N(obs)$ parallax factors, errors m, *Sp*, source source catalogue of mag. and sp. GC/HD/DM/SAO/AGK numbers	
Catalog of Positions and Proper Motions (PPM-North) *47Mb* *181731 stars* **I/146/** B-I-M-N-T-*f*-*v*	Röser S., Bastian U., *Astron. Astrophys. Suppl. Ser.* **74**, *449 (1988)*	ident.: PPM, DM, AGK3, HD, SAO m_v, spectral type α, δ (1950/FK4 and 2000/FK5) p.m., epoch	See also **I/193/** and **I/206/** By exchange from NASA-Goddard
FOURTH MELBOURNE GENERAL CATALOGUE OF 5157 STARS FROM OBSERVATIONS 1894.0–1910.0 *238Kb* *5157 records* **I/148/** B-I-M-N-T	Melbourne Obs.,	*Id.*: Number α, δ (1900), Epoch m, $N(obs)$	$-64°$ to $-90°$
Fifth Fundamental Catalogue (FK5). Part I. Basic fundamental stars *301Kb* *1535 records* **I/149A/** B-I-M-N-T-*f*-*v*	Fricke W., Schwan H., Lederle T., *Veröffentl. Astron. Rechen-Institut Heidelberg* **32** *(1988)*	*Id:* FK5, GC, HD, DM, name m_v, *Sp* α, δ, μ (J2000) α, δ, μ (B1950) Mean epochs $\sigma(\alpha, \delta, \mu)$	See also I/175/ By exchange from NASA-Goddard

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THE CATALOGUE OF PROPER MOTIONS FOR HIGH LUMINOSITY STARS *43Kb* *309 stars* **I/150/** N-T-*f*-*v*	VALITOVA A.M., KARIMOVA D.K., PAVLOVSKAYA E.D.: 1990, *Trudy Gos. Astr. Inst. Shternberg*	*Id.*: number, HD *Sp*, m_V α, δ (J2000, FK5 epoch) $\mu, \sigma(\mu)$ Epoch of observation	By exchange from the Moscow Data Center
PRECISE RADIO SOURCE POSITIONS DETERMINED BY MARK III VLBI: OBSERVATIONS FROM 1979 TO 1988 AND A TIE TO THE FK5 *27Kb* *182 radio sources* **I/151/** N-T-*f*-*v*	MA C., SHAFFER D.B., DE VEGT C., JOHNSTON K.J., RUSSELL J.L.: 1990, *Astron. J.* **99**, *1284*	*Id.*: IAU, other α, δ (J2000); σ_α, σ_δ $\alpha - \delta$ correlation Mean Julian epoch N(experiments), N(obs) Other tables of reference	by exchange from NASA-Goddard
Lick Jupiter-Voyager Reference Star Catalogue *230Kb* *4983 stars* **I/152/** B-N-T-*f*-*v*	Klemola A.R., Morabito L., Taraji H., *Lick Observatory, Univ. California, Santa Cruz(1978); corrections by Owen Jr W.M., 1990*	*Id.*: star+plate number, AGK3 α, δ (1950) μ_α, μ_δ m_V , m_{pg}	by exchange from NASA-Goddard
Lick Saturn-Voyager Reference Star Catalogue *203Kb* *4551 stars* **I/153/** T-*f*-*v*	Klemola A.R., Taraji H., Ocampo A., *Lick Observatory, Univ. California, Santa Cruz (1979)*	*Id.*: star & plate numbers, other α, δ (1950) μ_α, μ_δ m_V , m_{pg}	by exchange from NASA-Goddard
Astrographic Catalogue, zones -02 to +31 degrees: Right Ascension and Declination files *114Mb* *2026347 stars* **I/154/** N-T-*f*-*v*	Röser S.: 1990, *Astronomisches Rechen-Institut, Heidelberg (1990)*	*Id.*: zone + plate number + star number, AGK3 α, δ (B1950) plate epoch, m_{pg}	Zone covered: $-02°$ to $+31°$. Re-calculation of I/21 and I/22. See also I/155. by exchange from NASA-Goddard
ASTROGRAPHIC CATALOGUE, ZONES -02 TO +31 DEGREES: X,Y RECTANGULAR COORDINATES FILES *120Mb* *2026564 records* **I/155/** N-T-*f*	RÖSER S.: 1990, *Astronomisches Rechen-Institut, Heidelberg*	*Id.*: zone + plate number + star number X and Y coordinates on the plate plate epoch, image diameter	Zone covered: $-02°$ to $+31°$. See also I/154. by exchange from NASA-Goddard
The U.S. Naval Observatory Zodiacal Zone Catalog *4.8Mb* *44435 stars* **I/157/** B-N-T-*f*-*v*	Douglass G.G., Harrington R.S. , *Astron. J.* **100**, *1712 (1990)*	*Id.*: DM α, δ (J2000, B1950) μ_α, μ_δ (J2000, B1950)	by exchange from NASA-Goddard

Catalogue	*References*	*Contents*	*Remarks*
AGK3R *1.5Mb* *21499 stars* **I/161/** B-N-T-*f*-*v*	Smith C.A., *U.S. Naval Observatory (1990)*	*Id.*: AGK3R, BD α, δ (1950), σ, epoch m_{pg}, *Sp*	by exchange from NASA-Goddard
US Naval Observatory Pleiades Catalog *32Kb* *506 stars* **I/163/** N-T-*f*-*v*	van Flandern T.C. , *Unpublished (1969)*	*Id.*: König α, δ (1950) *Ptv* μ_α, μ_δ	by exchange from NASA-Goddard See also **I/90/**
THE TOKYO PHOTOELECTRIC MERIDIAN CIRCLE CATALOG 86 *519Kb* *3974 stars* **I/167/** B-I-M-N-T-*f*-*v*	YOSHIZAWA M., SUZIKI S. : 1989, *Publ. Nat. Astron. Obs. Japan,* **1**, *No 2, 127*	*Id.*: BD, AGK3, other m_v, *Sp* α, δ, σ, mean Epoch	
PERTH 83 *1.6Mb* *12331 stars* **I/168/** B-M-N-T	HARWOOD D.N.: 1990, *Perth Observatory*	*Id.*: number, SAO m_v, *Sp* α, δ (B1950), $N(obs)$ μ_α, μ_δ, residuals Mean epochs	Contains more stars than the printed version The results were corrected for a systematic error
A CATALOG OF SELECTED COMPACT RADIO SOURCES FOR THE CONSTRUCTION OF AN EXTRAGALACTIC RADIO/OPTICAL REFERENCE FRAME *20Kb* *233 records* **I/169/** B-N-T	ARGUE A.N., DE VEGT C., ELSMORE B., FANSELOW J., HARRINGTON R., HEMENWAY P., JOHNSTON K.J., KÜHR H., KUMKOVA I., NIELL A.E., WALTER H., WITZEL A.: 1984, *Astron. Astrophys.* **130**, *191*	*Id.*: IAU system, other α, δ (J2000) + σ m_V, optical ident. code z, $F(5GHz)$ Remarks	by exchange from NASA-Goddard
Astrographic Catalogue Reference Stars *60Mb* *320211 stars* **I/171/** N-T-*f*-*v*	Corbin T.E., Urban S.E., Warren W.H. Jr., *NASA, NSSDC 91-10 (1991)*	*Id.*: ACRS, DM, AGK3, CPC2 α, δ (B1950, J2000), σ μ_α, μ_δ (FK4, FK5), σ m_{pg}, *Sp*	by exchange from NASA-Goddard
International Reference Stars Catalog (IRS) *6.8Mb* *36027 stars* **I/172/** N-T-*f*-*v*	Corbin T.E., Warren W.H. Jr., *NASA, NSSDC 91-11 (1991)*	*Id.*: IRS, DM, AGK3 α, δ (B1950, J2000), σ μ_α, μ_δ (FK4, FK5), σ m_{pg}, *Sp*	by exchange from NASA-Goddard Supersedes **I/160**

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Fifth Fundamental Catalogue (FK5). Part II: FK5 Extension *587Kb* *3117 stars* **I/175/** B-M-N-T-*f*-*v*	Fricke W., Schwan H., Lederle T., *Veröffentl. Astron. Rechen-Institut Heidelberg* **32** , *Verlag G. Braun, Karlsruhe (1988)*	*Id.* : FK5, AKG3R, SRS, HD, DM, GC $\alpha + \mu_\alpha$, $\delta + \mu_\delta$ (J2000 + B1950) mean Epochs; σ's m_V, Sp, π, V_r	Part I is I/149A/ By exchange from NASA-Goddard
The AGK3U: An Updated version of the AGK3 *31Mb* *170464 stars* **I/176/** B-N-T-*f*-*v*	Bucciarelli B., Daou D., Lattanzi M.G., Taff L.G. , *Astron. J.* **103**, *1689 (1992)*	*Id.*: AGK3 α, δ , σ (B1950) μ_α, μ_δ , σ Mean Epoch $\alpha\delta(GSC)$, σ, Epoch	
Catalogue of proper motions in NGC 752 *119Kb* *1777 stars* **I/177/** B-N-T-*f*-*v*	Platais I., *Bull. Inf. CDS* **40**, *5 (1992)*	*Id.*: Number, Heinemann, Rohlfs & Vanysek, Stock xy , m_{pg}, $\mu_x \mu_y$ Membership probability	
CATALOGUE OF PROPER MOTIONS IN NGC 7209 *275Kb* *4290 stars* **I/178/** B-N-T	PLATAIS I.: 1992 , *Bull. Inf. CDS* **40**, *7*	*Id.*: Number, Lavdovsky, Schewick, Maevers xy , m_{pg}, $\mu_x \mu_y$ Membership probability	
THE CHINESE GEODETICAL STARS CATALOGUE (CGSC) *526Kb* *4065 stars* **I/179/** B-N-T	WORKING GROUP OF CGSC: 1992 , *Bull. Inf. CDS* **41**, *5*	*Id.*: FK5 / FK4, GC, DM α, δ (J2000), Epoch, σ μ_α, μ_δ, $\sigma(\mu_\alpha)$, $\sigma(\mu_\delta)$ m_V, Sp, π, V_r	by exchange from Beijing
General Catalogue of stars with the system of photoelectric astrolabes (GCPA) *206Kb* *1579 stars* **I/180/** B-N-T-*f*-*v*	Working Group of GCPA , *Bull. Inf. CDS* **41**, *7 (1992)*	*Id.*: Number, GC, FK4 α, δ (B1975), Mean Epoch m_V, Sp Position Corrections, σ	by exchange from Beijing
SECOND GENERAL CATALOGUE OF OF STARS OBSERVED WITH THE PHOTOELECTRIC ASTROLABES (GCPA2) *187Kb* *2606 stars* **I/181/** B-N-T	LU LIZHI: 1992 , *Bull. Inf. CDS* **40**, *9* *Publ. Beijing Astron. Obs.* **17**, *1*	*Id.*: FK5 / FK4 / GC α, δ (J2000), Mean Epoch m_V, Sp Position Corrections, σ	by exchange from Beijing

Catalogue	*References*	*Contents*	*Remarks*
FOURTH PRELIMINARY CATALOGUE OF STARS OBSERVED WITH THE PHOTOELECTRIC ASTROLABE (PACP4) *153Kb* *1969 stars* **I/182/** B-N-T-*f*-*v*	LU LIZHI: 1992 , *Bull. Inf. CDS* **40**, *11* *Publ. Beijing Astron. Obs.* **17**, *59*	*Id.*: Number, FK5 / FK4 / GC α, δ (J2000), Mean Epoch m_V, *Sp* Position Corrections, σ	by exchange from Beijing
The giant branch of the Fornax dwarf spheroidal galaxy *39Kb* *1287 stars* **I/185/** B-N-T	Sagar R., Hawkins M.R.S., Cannon R.D., *Mon. Not. R. Astron. Soc.* **242**, *167 (1990)*	*Id.*: R-number, other x, y (1950) V, $B - V$	
CATALOG OF POSITIONS OF 1007 STARS OBSERVED IN 1985 WITH TOKYO PHOTOELECTRIC MERIDIAN CIRCLE (PMC85) *135Kb* *1007 stars* **I/186/** B-N-T-*f*-*v*	YOSHIZAWA M., SUZUKI S., FUKAYA R.: 1987 , *Ann. Tokyo Astron. Obs., Univ. Tokyo, 2nd Ser.* **21**, *399*	*Id.*: Number, BD, AGK3, other α, δ (2000), σ, Mean Epoch m_V, $\sigma(m_V)$, *Sp*	by exchange from NAO-Japan
CATALOG OF POSITIONS OF 5748 STARS OBSERVED IN 1987 WITH TOKYO PHOTOELECTRIC MERIDIAN CIRCLE (PMC87) *743Kb* *5748 stars* **I/187/** B-N-T-*f*-*v*	YOSHIZAWA M., SUZUKI S.: 1991 , *Publ. National Astron. Obs. Japan,* **2**, *103*	*Id.*: Number, BD, AGK3, other α, δ (J2000), σ Mean Epoch m_V, $\sigma(m_V)$, *Sp*	by exchange from NAO-Japan
CATALOG OF POSITIONS OF 3800 STARS OBSERVED IN 1988 AND PLANETARY POSITIONS OBSERVED IN 1986 to 1988 WITH TOKYO PHOTOELECTRIC MERIDIAN CIRCLE (PMC88) *572Kb* *3800 stars + 664 planet positions* **I/188/** B-N-T-*f*-*v*	YOSHIZAWA M., SUZUKI S., SOMA M.: 1992 , *Publ. National Astron. Obs. Japan,* **2**, *475*	*Id.*: Number, BD, AGK3, or Planet Name α, δ (J2000), σ Mean Epoch m_V, $\sigma(m_V)$, *Sp*	by exchange from NAO-Japan
THE ASTROMETRIC STANDARD REGION NEAR THE NORTH GALACTIC POLE: A CATALOGUE OF POSITIONS AND PROPER MOTIONS OF 3196 STARS *183Kb* *3196 stars* **I/192/** B-N-T	PAKULYAK L.K.: 1992 , *Bull. Inf. CDS* **41**, *21*	*Id.*: Running number α, δ (1950), σ, Epoch m_B, μ_α, μ_δ	Center $12h24 + 26°$ by exchange from the Moscow Data Center

Catalogue	*References*	*Contents*	*Remarks*
PPM-South Star Catalogue *51Mb* *197179 stars* **I/193/** B-N-T-*f*-*v*	Bastian U, Röser S., Yagudin L.I., Nesterov V.V., Polozhentsev D.D., Potter K.H., Wielen R., Yatskiv Y.S., *Astronomisches Rechen-Institut, Heidelberg (1993)*	*Id*: PPM, DM, AGK3, HD, SAO m_v, *Sp* α, δ (J2000 and B1950) μ_α, μ_δ, epoch	Supersedes I/159A/ See **I/146/** and **I/208/**
FOCAT-S: Pulkovo Photographic Catalogue of Southern Hemisphere *17Mb* *201192 stars* **I/195/** M-N-T-*f*-*v*	Bystrov N.F., Polojentsev D.D., Potter H.I., Yagudin L.I., Zalles R.F., *Bull. Inf. CDS* **44***, 3 (1994)*	*Id.*: DM, SAO, PPM α, δ (J2000), σ, Epoch μ_α, μ_δ (J2000), σ $N(obs)$ m, *Sp*	
Hipparcos Input Catalogue, Version 2 *54Mb* *118209 stars* **I/196/** I-N-T-*f*-*v*	Turon C., Egret D., Gómez A., Grenon M., Jahreiss H., Réquième Y., Argue A.N., Bec-Borsenberger A., Dommanget J., Mennessier M.O., Arenou F., Chareton M., Crifo F., Mermilliod J.C., Morin D., Nicolet B., Nys O., Prévot L., Rousseau M., Perryman M.A.C , *Bull. Inf. CDS* **43***, 5 (1993)*	*Id.*: HIC, DM, HD, FK4-5, IRS, SAO, other α, δ (J2000, B1950) Epoch μ_α, μ_δ, σ, source H_p (Hipparcos Mag.) V, $B-V+\sigma$, source *Sp*, source π, V_r Variability parameters Duplicity parameters Remarks	Supersedes I/191/
The Tycho Input Catalogue (TIC) *262Mb* *3154204 stars* **I/197A/** I-N-T-*f*-*v*	Egret D., Didelon P., McLean B.J., Russell J.L., Turon C., *Astron. Astrophys.* **258***, 217 (1992)*	*Id.*: TIC (GSC) ; CSI, HIC, other α, δ (J2000, Ep. 1990), σ B, V , σ 27 flag qualifiers	$m_V \leq 12.1$ *Preliminary selection flag* was added
THE TOKYO PMC CATALOG 89: CATALOG OF POSITIONS OF 3466 STARS OBSERVED IN 1989 WITH TOKYO PHOTOELECTRIC MERIDIAN CIRCLE (PMC89) *454Kb* *3466 stars* **I/198/** N-T-*f*-*v*	YOSHIZAWA M., SUZUKI S.: 1993 , *Publ. Nat. Astron. Obs. Japan* **3***, 45*	*Id.*: Number, BD, AGK3a, other α, δ (J2000), $O-C$, σ Mean Epoch m_V, $\sigma(m_V)$, *Sp*	by exchange from NAO-Japan
Lick Northern Proper Motion Program: NPM1 catalog *12Mb* *148940 stars* **I/199A/** N-T-*f*-*v*	Klemola A.R., Hanson R.B., Jones B.F., *Astron. J. 94, 501(1993)*	*Id.*: NPM1, AGK3, SAO α, δ (B1950), Epoch Absolute proper motions B, $B-V$ Discrepancy flags	Supersedes **I/11/** See **I/200**, **I/214**, **I/283** by exchange from NASA-Goddard

Catalogue	*References*	*Contents*	*Remarks*
Lick Northern Proper Motion Program: NPM1 Reference Galaxies *2.4Mb* *50517 galaxies* **I/200/** N-T-*f*-*v*	Klemola A.R., Hanson R.B., Jones B.F., *Astron. J. 94, 501 (1993)*	*Id.*: NPM1 α, δ (B1950 Epoch & Equinox) B (photographic) Discrepancy flags	See **I/199** by exchange from NASA-Goddard
The FK5 Extension on the FK4 System *552Kb* *3117 stars* **I/202/** N-T-*f*-*v*	Lattanzi M.G., Taff L.G. , *Astron. J.* **105***, 2353 (1993)*	*Id.*: FK5 α, δ (B1950), Epoch μ_α, μ_δ	by exchange from NASA-Goddard
Catalogue of Proper Motions, UBV-photometry and Spectral Classification in the region of NGC 7092 (M39) *928Kb* *7931 stars* **I/203/** N-T-*f*-*v* *[Data in Simbad]*	Platais I. , *Bull. Inf. CDS* **44***, 9 (1994)*	*Id.*: Lavdovsky, Artiukhina, McNamara xy , α, δ (J2000) $\mu_x\mu_y$ (relative) with σ α, δ (1950) UBV photometry Membership Pr.	
THE BRIGHT STARS SUPPLEMENT to the PPM and PPM SOUTH STAR CATALOGUES *51Kb* *275 stars* **I/206/** M-N-T-*f*-*v*	BASTIAN U., RÖSER S.: 1993, *Astronomisches Rechen-Institut, Heidelberg*	*Id.*: PPM m_v α, δ (J2000, Ep. 1950) μ_α, μ_δ	Supersedes **I/194** See **I/146/** and **I/193/**
The 90000 stars Supplement to the PPM Star Catalogue *11Mb* *89676 stars* **I/208/** M-N-T-*f*-*v*	Röser S., Bastian U., Kuzmin A., *Astron. Astrophys. Suppl. Ser.* **105***, 301 (1994)*	*Id*: PPM, DM, AGK3, HD, SAO m_v, Sp α, δ (J2000 and B1950) μ_α, μ_δ, epoch	See also **I/146** and **I/193**
Catalogue de 2700 étoiles doubles *1.0Mb* *2714 double stars* **I/209A/** N-T-*f*-*v*	Couteau P., *Observatoire de la Côte d'Azur, Département Augustin Fresnel, U.R.A. 1361, 2ème édition (Juin 1993)*	*Id.*: COU, other α, δ (1900, 1950, 2000) m_A, m_B ; (ρ, θ) Remarks	Supersedes I/173/ A few newer observations from I/209/
Improved mean positions and proper motions for the 995 FK4Sup stars not included in the FK5 Extension *207Kb* *995 stars* **I/210/** N-T-*f*-*v* *[Identifiers in Simbad]*	Schwan H., Bastian U., Bien R., Jährling R., Jahreiss H., Roser S, *Veröff. Astron. Rechen-Inst. Heidelberg,* **34** *(1993)*	*Id.*: FK4, AG, SRS, HD, DM, GC α, δ; μ_α, μ_δ (J2000, B1950) Mean epochs, $\sigma(\alpha)$ $\sigma(\delta)$, $\sigma(\mu)$ m_V, Sp, V_r, π	

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CATALOGUE of PROPER MOTIONS in the region of NGC 3680. *323Kb* *2711 stars* **I/212/** N-T-*f*-*v*	KOZHURINA-PLATAIS V., GIRARD T.M., PLATAIS I., VAN ALTENA W.F., IANNA P.A., CANNON R.D., *Bull. Inf. CDS* **46**, *9*	*Id.*: Anthony-Twarog, Eggen X, Y ; α, δ (J2000) Relative μ_X, μ_Y with σ BV (photographic) Membership probability	
NPM1 Cross-Identifications and Appendices *3.8Mb* *41858 entries* **I/214/** *f*-*v*	Hanson R.B., Klemola A.R., Jones B.F. , *Bull. American Astron. Soc.* **184**, *#27.07 (1994)*	*Id.*: NPM1 , other Class	See also **I/199**
TABLES OF MEMBERSHIP FOR 43 OPEN CLUSTERS (1994 Version) *1.7Mb* *43 clusters* **I/215/** M-N-T-*f*	ZHAO J.L., TIAN K.P., *Bull. Inf. CDS* **47**, *5*	*Id.*: according to cluster X, Y ; μ_X, μ_Y	by exchange from Beijing
Positions, Proper Motions, and Magnitudes in the area of the Open Cluster Tr 10 *54Kb* *979 stars* **I/216A/** T-*f*-*v*	STOCK J., *Rev. Mex. Astron. Astrofiz.* *9*, *127 (1984)*	*Id.*: Running number α, δ (1950, epoch 1982.4) V, m_{pg} from CIDA plates μ_α, μ_δ	
The Magellanic Catalogue of Stars - MACS *12Mb* *243561 stars* **I/221/** M-N-T-*f*-*v*	Tucholke H.-J, de Boer K.S. Seitter W.C., *Astron. Astrophys. Suppl. Ser.* **119**, *91 (1996)* *The Messenger* **81**, *20 (1995)*	*Id.*: MACS α, δ (J2000) Internal magnitude Position & Magnitude Flags	
Stars of the southern hemisphere proposed for the Hipparcos mission *19Mb* *96800 stars* **I/230/** N-T-*f*-*v*	Rousseau J.M., Perie J.P., Gachard M.T., *Astron. Astrophys. Suppl. Ser.* **116**, *301 (1996)*	*Id.*: PPM, HIC, SAO, HD, CPC, CPD, ADS/IDS, other α, δ (B1950, J2000) $\sigma_\alpha, \sigma_\delta$, Epoch, N_{obs} Mag, *Sp* Comments	
Yale Trigonometric Parallaxes, Fourth Edition *1.3Mb* *8112 stars* **I/238A/** N-T-*f*-*v*	van Altena W.F., Lee J.T., Hoffleit E.D., *Yale University Observatory (1995)*	*Id.*: GCTP, HR, HD, DM, name α, δ (1900) ; μ $\pi +\ \sigma$, quality UBV, *Sp*	by exchange from NASA-Goddard Supersedes **I/174** and **I/60** Errata by Erkki U. Vilkki

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The Hipparcos and Tycho Catalogues *427Mb* *1058332 stars* **I/239/** T-*f*-*v*	ESA 1997, *ESA SP-1200*	**Hipparcos Catalog (118218 stars):** *Id.*: HIP, HD, DM α, δ μ_α, μ_δ, π(IRCS) Correlations $\alpha\delta\mu_\alpha\mu_\delta\pi$ Photometry $B_T V_T$ **Tycho Catalog (1058332 stars):** *Id.*: TYC, PPM, HD, DM α, δ μ_α, μ_δ, π(IRCS) Correlations $\alpha\delta\mu_\alpha\mu_\delta\pi$ Photometry $B_T V_T$ Variability & Multiplicity **Annexes:** Double and Multiples Variability Solar System	Result of HIPPARCOS Mission Distributed on CD-ROMs by ESA
The N70E catalogue *64Kb* *718 stars* **I/241/** T-*f*-*v*	Kolesnik Y.B., *Mon. Not. R. Astron. Soc. 285, 1 (1997)*	*Id.*: FK5 α, δ (2000) μ_α, μ_δ, + σ Epoch	$-30° < \delta < +30°$
The Pulkovo PVC96 catalogue: the first version of catalogue of FK5 stellar declinations observed in 1987–1994 with the Photographic vertical circle *48Kb* *760 stars* **I/242/** T-*f*-*v*	Gontcharov A.G., Bagildinsky B.K., Kornilov E.V., Polojentsev D.D., Shkutov V.D., *Izv. Glav. Astron. Obs.,* **213***, 48 (1998)*	*Id.*: FK5, HIC α, δ (J2000), σ Mean epoch	from St Petersburg
OGLE (Optical Gravitational Lensing Experiment) General Catalog of Stars in BWC *2.1Mb* *33196 stars* **I/244A/** T-*f*-*v*	Szymanski M, Udalski A., Kubiak M., Kaluzny J., Mateo M., Krzeminski W., *Acta Astron.* **46***, 1 (1996)*	*Id.*: OGLE-BWC α, δ (J2000) m_I, $\sigma(m_I)$, $V-I$ Remarks about microlensing candidates	
Catalogue of Orbital elements and Photometric parameters of 7316 Minor Planets numbered by 25 November, 1996 *1.4Mb* *7316 planets* **I/245/** T-*f*-*v*	Batrakov Yu.V., Shor V.A., *Institute of Theoretical Astronomy, St. Petersburg, Russia (1997)*	*Id.*: Number, Name Epoch, mean anomaly, Argument of perihelion Node Inclination, eccentricity, mean daily motion H, G (photometry) N_{obs}, N_{opp} Element Sources & Residuals	by exchange from St Petersburg Supersedes **I/233/**
The ACT Reference Catalog *124Mb* *988758 stars* **I/246/** N-T-*f*-*v*	Urban S.E., Corbin T.E., Wycoff G.L., *U.S. Naval Observatory, Washington D.C.*	*Id.*: AC2000, HD, HIP, TYC, DM α, δ (J2000), (μ_α, μ_δ) Tycho's B_T, V_T Tycho's flags	by exchange from NASA-Goddard

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The Tokyo PMC Catalog 90-93: Catalog of Positions of 6649 Stars Observed in 1990 through 1993 with Tokyo Photoelectric Meridian Circle *884Kb* *6649 stars* **I/248/** T-*f*-*v*	Yoshizawa M., Suzuki S. , *Publ. Nat. Astron. Obs. Japan* **5***, 1 (1997)*	*Id.*: Number, DM, AGK3a, PZT, other α, δ (J2000), $O-C$, σ Mean Epoch m_V, $\sigma(m_V)$	by exchange from NAO-Japan
Catalog of O-B stars observed with Tokyo meridian circle *103Kb* *1059 stars* **I/249/** T-*f*-*v*	Yasuda H., Hara H., Fukaya R., Ishii H., *Ann. Tokyo Astron. Obs. 2nd Ser. bf 21, 107 (1986)*	*Id.*: Seq, BD α, δ (1950) + σ, Epoch μ_α, μ_δ V, Sp	
The Tycho Reference Catalogue *144Mb* *990182 stars* **I/250/** T-*f*-*v*	Hog E., Kuzmin A., Bastian U., Fabricius C., Kuimov K., Lindegren L., Makarov V.V., Röser S., *Astron. Astrophys.* **335***, L65 (1998)*	*Id.*: TYC, HD, HIP, CCDM α, δ (ICRS), μ_α, μ_δ $\sigma(\alpha\delta\mu_\alpha\mu_\delta)$ B_T, V_T ; $\sigma(B_T V_T)$ π, flags	
The PMM USNO-A2.0 Catalogue *120Kb* *526280881 sources* **I/252/** T-*f*-*v*	Dave Monet, *US Naval Observatory Flagstaff Station (1998)*	*Id.*: USNO-A2.0 α, δ (2000) m_R, m_B (photographic) ACT(cat. **I/246/**) flag	not accessible via FTP
The Guide Star Catalog Version 1.2 *13Kb* *25241730 records* **I/254/** T-*f*-*v*	Lasker B.M., Russel J.N., Jenkner H., *The Association of Universities for Research in Astronomy, Inc. ([c] 1989, 1992)*	*Id.*: GSC α, δ (J2000), σ m, $\sigma(m)$ Multiplicity flag Plate	The catalogue is accessible only for positional queries
The Guide Star Catalog Version *14Kb* *25241730 records* **I/255/** T-*f*-*v*	Lasker B.M., Russel J.N., Jenkner H., *The Association of Universities for Research in Astronomy, Inc. ([c] 1989, 1992)*	*Id.*: GSC α, δ (ICRS), σ m, $\sigma(m)$ Multiplicity flag Plate	The catalogue is accessible only for positional queries
Carlsberg Meridian Catalogs Number 1-11 *105Mb* *176591 stars* **I/256/** *f*-*v*	Copenhagen University Obs., Royal Greenwich Obs., Real Instituto y Observatorio de la Armada en San Fernando , *Observations from 1984May to 1998May*	Program and FK5 stars: *Id:* DM, SAO, GC, AGK3, HD, ADS, IDS α, δ (J2000), Ep., N_{obs} m_v, parallax factors Program stars only : μ_α, μ_δ, σ_μ, Sp, DM, SAO Planets : date, α, δ, m_v Variable stars : name, date, m_v	Supersedes **I/147**, **I/170**, **I/189**, **I/205**, **I/213**

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Stars in Praesepe *116Kb* *924 stars* **I/257B/** T-*f*-*v*	Wang J.J., Jiang P.F., *Acta Astron. Sinica* **32**, *176 (1991)* Wang J.J., Chen L., Zhao J.H., Jiang P.F. , *Astron. Astrophys. Suppl. Ser.* **113**, *419 (1995)*	*Id.*: Seq, Russel, other α, δ (J2000, Ep=1986.17) μ_α, μ_δ , σ V, $B-V$ Membership Prob.	
Pleiades positions and proper motions *42Kb* *441 stars* **I/258/** T-*f*-*v*	Wang J., Chen L., Zhao J., Jiang P., *Acta Astron. Sinica, 37, 68 (1996)*	*Id.*: Seq, Hertzsprung α, δ (J2000), σ μ_α, μ_δ, σ	
The Tycho-2 Catalogue *517Mb* *2539913 stars* **I/259/** T-*f*-*v*	Hog E, Fabricius C, Makarov V V, Urban S, Corbin T., Wycoff G, Bastian U, Schwekendiek P, Wicenec A , *Astron. Astrophys.* **355**, *L27 (2000)*	*Id.*: TYC, HIP, CCDM α, δ (ICRS J2000) $\sigma_\alpha, \sigma_\delta$ (MeanEpoch) μ_α, μ_δ (ICRS) $+\sigma$ $\rho(\alpha, \delta)$ correlation Photometry $B_T V_T$	
The visual double stars observed by the Hipparcos satellite *5.4Mb* *41255 components* **I/260/** T-*f*-*v*	Dommanget J., Nys O. , *Astron. Astrophys.* **363**, *991 (2000)*	*Id.*: CCDM , IDS , ADS, HD, DM, other α, δ (2000) ; μ_α, μ_δ ρ, θ, year of observation m, Sp	Supersedes **I/211**
The FON Astrographic Catalogue *131Mb* *2008383 stars* **I/261/** T-*f*-*v*	Kislyuk V., Yatsenko A., Ivanov G., Pakuliak L., Sergeeva T., *Main Astronomical Observatory of National Academy of Science of Ukraine (1999)*	*Id.*: AC2000 α, δ (J2000); $\mu_\alpha, \mu_d elta$ BVR photometry Quality Flags	
ACR Catalog around the Celestial Equator *151Mb* *1268732 stars* **I/263/** T-*f*-*v*	Stone R.C., Pier J.R., Monet D.G., *Astron. J.* **118**, *2488 (1999)*	*Id.*: ACR α, δ (ICRS) + σ R_F Epoch (mean J1996.0)	
Sixth Catalogue of Fundamental Stars (FK6, parts I and III) *2.4Mb* *4150 stars* **I/264/** *f*-*v*	Wielen R., Schwan H., Dettbarn C., Lenhardt H., Jahreiss H., Jährling R., Khalisi E., *Veroff. Astron. Rechen-Inst. Heidelberg* **35**, *1 (1999);* **37**, *1 (2000)*	*Id.* : FK5/6, HIP, other $\alpha+\mu_\alpha$, $\delta+\mu_\delta$ (ICRS) mean Epochs; σ's m_V, Sp, π, V_r Binarity Notes Extensive notes	

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Second Cape Photographic Catalogue (CPC2) *15Mb* *274669 stars* **I/265/** T-*f*-*v*	Zacharias N., Zacharias M.I., De Vegt C., *Astron. J.* **117**, *2895 (1999)*	*Id.*: CPC2 α, δ (J2000) + σ, Epoch m_{pv}	See the Preliminary Version **I/85**
Proper motions of fundamental stars (PMFS) *64Kb* *1535 stars* **I/266/** T-*f*-*v*	Gontcharov G.A., Andronova A.A., Titov O.A., Kornilov E.V., *Astron. Astrophys.* **365**, *222 (2001)*	*Id.*: FK5, HIP μ_α, μ_δ (ICRS) Binarity status	
The APM Catalogue *31Kb* *166466987 sources* **I/267/** *f*-*v*	McMahon R. , *Institute of Astronomy, Cambridge, CB3 OHA, UK*	*Id.*: APM α, δ (ICRS) Blue and Red Image classes, diameters Ellipticities, magnitudes	
Catalog of Positions of IR Stellar Sources (CPIRSS) *9.4Mb* *37700 sources* **I/270/** T-*f*-*v*	Hindsley R., Harrington R., Urban S. , *Astron. J.* **107**, *280 (1994)*	*Id.*: IRAS PSC, DM, WDS, HIP, TYC2 α, δ (J2000); μ_α, μ_δ IRAS fluxes (12, 25, 60, 100μm Astrometry flags	Upgraded in 2001
M2000 : an astrometric catalog in the Bordeaux Carte du Ciel zone $+11° < \delta < +18°$ *234Mb* *2286322 stars* **I/272/** *f*-*v*	Rapaport M., Le Campion J.-F., Soubiran C., Daigne G., Perie J.-P., Bosq F., Colin J., Desbats J.-M., Ducourant C., Mazurier J.-M., Montignac G., Ralite N., Requieme Y., Viateau B. , *Astron. Astrophys.* **376**, *325 (2001)*	*Id.*: M2000, or NLTT, G α, δ (J2000) + σ N_{obs}, Epoch $V + \sigma$	$V_M <= 16.3$
Extragalactic Reference Link Catalog (ERLcat) *6.0Mb* *89422 stars* **I/273A/** *f*-*v*	de Vegt C., Hindsley R., Zacharias N., Winter L., *Astron. J.* **121**, *2815 (2001)*	*Id.*: ERL α, δ (J2000) Epoch, N(plates)	
Catalogue of the Components of Double and Multiple Stars (CCDM) *13Mb* *49325 systems* **I/274/** *f*-*v*	Dommanget J., Nys O., *Observations et Travaux* **54**, *5 (2002)*	*Id.*: CCDM , IDS , ADS, HD, DM, other α, δ (2000) ; μ_α, μ_δ ρ, θ, year of observation m, Sp *Id.*: α, δ (J2000) σ	Supersedes **I/211** Was also numbered **I/269**

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AC 2000.2: The Astrographic Catalogue on the Hipparcos System *425Mb* *4621751 stars* **I/275/** *f-v*	Urban S.E., Corbin T.E., Wycoff G.L., Hoeg E., Fabricius C., Makarov,V.V., *Astron. J.* **115**, *1212 (1998)*	*Id.*: AC2000, ACRS, HIP, TYC α, δ (ICRS) + σ B_T, V_T Verification Flag	Supersedes **I/247**
The Tycho Double Star Catalogue *19Mb* *65210 binaries* **I/276/** *f-v*	Fabricius C., Ho g E., Makarov V.V., Mason B.D., Wycoff G.L., Urban S.E., *Astron. Astrophys.* **384**, *180 (2002)*	*Id.*: TDSC, TYC, WDS, HIP, HD α, δ (J2000), Epoch μ_α, μ_δ + σ $B_T V_T$ $\rho\theta$	
Yale/San Juan Southern Proper Motion Program: −20 to −40° zones including the South Galactic Pole Region *49Mb* *321608 stars* **I/277/** *f-v*	Platais I., Girard T.M., Kozhurina-Platais V., van Altena W.F., Lopez C.E., Mendez R.A., Ma W.-Z., Yang T.-G., MacGillivray H.T., Yentis D.J. , *Astron. J.* **116**, *2556 (1998)*	*Id.*: SPM α, δ (J2000) + σ μ_α, μ_δ + σ Photographic *BV* Remarks	Superseded by **I/288**
Catalogue de 1571 etoiles contenues dans l'amas globulaire Messier 3 *(Catalogue of 1571 stars in the globular cluster M3)* *164Kb* *1571 stars* **I/278/** *f-v*	von Zeipel M.H., *Ann. Obs. Paris* **25**, *1 (1908)*	*Id.*: vZ α, δ (B1900), diff. plates m_{pg} Multiplicities Remarks	
Revised LHS Catalogue *593Kb* *4470 stars* **I/279/** *f-v*	Bakos G.A., Sahu K.C., Nemeth P. , *Astrophys. J. Suppl. Ser.* **141**, *187 (2002)*	*Id.*: LHS, Tycho-2 α, δ (J2000) $\mu\theta$ (recomputed) *BV* or $m_R m_{pg}$	Contains 99% of the LHS (**I/87**)
All-sky Compiled Catalogue of 2.5 million stars *515Mb* *2501313 stars* **I/280B/** *f-v*	Kharchenko N.V., *Kinematics and Physics of Celestial Bodies* **17**, *409 (2001) (3rd version, 2009)*	*Id.*: ASCC-2.5, Tycho-2, HIP, HD, DM α, δ (J2000) + σ μ_α, μ_δ + σ $BVJHK$ (Johnson), scatter *Sp* Variability notes	Errors in -1/+1° zone corrected in version **A**
Lick Northern Proper Motion Program: NPM2 Catalog *26Mb* *232062 sources* **I/283A/** *f-v*	Hanson R.B., Klemola A.R., Jones B.F., Monet D.G. , *Lick Observatory and US Naval Observatory, Flagstaff (May 2003); Astron. J.* **128**, *1430(2004)*	*Id.*: NPM2, HIP, TYC, ACRS α, δ (J2000) μ_α, μ_δ Discrepancy flags	

Catalogue	*References*	*Contents*	*Remarks*
The USNO-B1.0 Catalog *34Kb* *1045175762 sources* **I/284/** *f-v*	Monet D.G., Levine S.E., Casian B., et al. , *Astron. J.* **125**, *984 (2003)*	*Id.*: USNO-B1.0, TYC2 α, δ (ICRS) + σ $\mu_\alpha \mu_\delta$ + σ m_B, m_R, m_I (DPOSS) Star/Galaxy class	From POSS I + II
The GPM catalog *3.8Mb* *52805 stars* **I/285/** *f-v*	Rybka S.P., Yatsenko A.I. , *Main Astronomical Observatory of the National Academy of Sciences, Kiev, Ukraine, (2001)*	*Id.*: KSZ region, TYC α, δ (J2000) $\mu\alpha\mu\delta$, Epoch *BV* (photographic) Statistics by region	
The Second U.S. Naval Observatory CCD Astrograph Catalog (UCAC2) *2.7Mb* *48330571 stars* **I/289/** *f-v*	Zacharias N., Urban S.E., Zacharias M.I., Wycoff G.L., Hall D.M., Germain M.E., Holdenried E.R., Winter L. , *Astron. J.* **127**, *3043 (2004)*	*Id.*: 2UCAC, 2MASS α, δ (ICRS) + σ μ_α, μ_δ + σ Epoch, N_{obs} m_{UCAC}, JHK (2MASS)	$\delta < 53°$ Superseded by **I/315** **Removed 29-Aug-2009** ==¿ Still quite useful! [08-Jan-2013]
Pul-3: A catalogue of positions and proper motions of 58483 stars on the Tycho-2 system *9.1Mb* *58483 stars* **I/290/** *f-v*	Khrutskaya E.V.,Khovritchev M.Yu., Bronnikova N.M. , *Izv. Glavnoj Astron. Obs. v Pulkove* **216**, *336; Astron. Astrophys.* **418**, *357 (2004)*	*Id.*: Pul3, Tycho-2, HIP $\alpha\delta\mu_\alpha\mu_\delta$ (ICRS) + σ Mean Epoch $B_{pg} R_{pg}$ List of plate centers	
XZ Catalog of Zodiacal Stars (Version XZ80Q) *46Mb* *244437 stars* **I/291/** *f-v*	Herald D., *Canberra, Australia (August 2003)*	*Id.*: XZ, DM, SAO, HIP, TYC, ZC, PPM, CCDM α, δ (J2000); $\mu_\alpha\mu_\delta$ + σ *Sp*, *BV* Notes and flags	Zodiacal strip $\|\beta\| <= 6°40'$ Supersedes **I/201**
Pulkovo Visual Double Star Catalogue *135Kb* *234 systems* **I/292/** *f-v*	Kiselev A.A., Kalinichenko O.A., Kiyaeva O.V., Shakht N.A., Romanenko L.G., Izmailov I.S., Bykov O.P., Maslennikov K.L., Bukhmastova Yu.L. , *Leningrad, Nauka (2003)*	*Id.*: WDS, ADS $m_A m_B$, *Sp* ρ, θ observations	
NPM2 Cross-Identifications and Appendices *6.1Mb* *46887 entries* **I/293/** *f-v*	Klemola A.R., Hanson R.B., Jones B.F., Monet D.G. , *Astron. J.* **128**, *1430 (2004)*	*Id.*: NPM2, Tycho-2, HIP Magnitudes, colors Class of object Notes and References	

Catalogue	*References*	*Contents*	*Remarks*
The UCAC2 Bright Star Supplement *90Mb* *430000 stars* **I/294A/** *f-v*	Urban S.E., Zacharias N., Wycoff G.L. , *Astron. J. (unpublished)*	*Id.*: 2UCAC, Tycho-2, 2MASS α, δ (J2000); μ_α, μ_δ $BVIJHK$ Sources of data	
Proper motions of 59766 stars with respect to galaxies *5.6Mb* *59766 stars* **I/295/** *f-v*	Bobylev V.V., Bronnikova N.M., Schakht N.A., *Pis'ma Astron. Zh.***30***, 519 (2004)*	*Id.*: PUL2, Tycho, HIP α, δ, $\mu_\alpha\mu_\delta$ (J2000) σ	
Naval Observatory Merged Astrometric Dataset (NOMAD) *258Kb* *1117612732 sources* **I/297/** *f-v*	Zacharias N., Monet D.G., Levine S.E., Urban S.E., Gaume R., Wycoff G.L. , *San Diego AAS Meeting, January 2005*	*Id.*: NOMAD1, USNO-B1, UCAC2, Tycho α, δ (J2000) + σ μ_α, μ_δ + σ $BVRJHK$ Flags	
A Catalog of Northern stars with proper motions larger than 0.15arcsec/yr *15Mb* *61977 stars* **I/298/** *f-v*	Lepine S., Shara M.M. , *Astron. J.* **129***, 1483 (2005)*	*Id.*: LSPM, LHS, NLTT, TYC, UCAC2, 2MASS, USNO-B1 α, δ (J2000) μ_α, μ_δ (J2000) Astrometric Flag $BVRIJHK$	
The PM2000 Bordeaux Proper Motion catalogue ($+11° < \delta < +18°$) *679Mb* *2670974 stars* **I/300/** *f-v*	Ducourant C., et al. , *Astron. Astrophys.* **448***, 1235 (2006)*	*Id.*: PM2000, Tycho-2, 2MASS α, δ (J2000) +σ μ_α, μ_δ +σ $VJHK$ N(obs)	
The XC1 catalogue of positions and proper motions of faint stars around the ICRF sources *89Mb* *856421 stars* **I/302/** *f-v*	Fedorov P., Myznikov A. , *Kinematics and physics of celestial bodies Suppl.,* **5***, (2005)*	*Id.*: Seq α, δ (J2000) + σ $\mu_\alpha\mu_\delta$ + σ $OEJFN$ (photographic)	
The CdC2000 Bordeaux Carte du Ciel catalogue *25Mb* *344781 stars* **I/303/** *f-v*	Rapaport M., Ducourant C., Le Campion J.F., Fresneau A., Argyle R.W., Soubiran C., Teixeira R., Camargo J.I.B., Colin J., Daigne G., Perie J.P., Requieme Y., *Astron. Astrophys.* **449***, 435 (2006)*	*Id.*: CDC2000, Tycho-2 α, δ (J2000), σ, Epoch m_{pg}	Zone $+11° < \delta < +18°$

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The GSC 2.3 Catalog *32Kb* *945592683 objects* **I/305/** *f-v*	Lasker B., Lattanzi M.G., McLean B.J., *et al.* , *Astron. J.* **136**, *735 (2008)*	*Id.*: GSC2.3 α, δ (ICRS), $\sigma_\alpha \sigma_\delta$ $m_F m_J m_V V m_N + \sigma$ Ellipse $ae\theta$ Class, Status	From STScI Supersedes **I/271** Proper motions not accessible
Catalogue of stars with high-proper motions. V2. *125Mb* *556767 stars* **I/306A/** *f-v*	Ivanov G.A. , *Kinematika Fiz. Nebesn. Tel., 24, 480 (2008)*	*Id.*: FONAK1.0, AC2000, GSC, UCAC2 α, δ (B1950, J2000) $UBVRI$, Sp V_r [Fe/H] References	Supersedes **IV/28** $\delta \geq -2.5°$
Catalogue of 2601 stars. *159Kb* *2601 stars* **I/308/** *f-v*	Gorel L., *Publ. Pulkovo (2), 77, 23-73 (1969)*	*Id.*: KSZ, BD α, δ (B1950) *mvis*	
Catalogue of 5969 Southern Reference Stars and 726 Bright Stars. *404Kb* *6695 stars* **I/309/** *f-v*	Konin V.V., Khrutskaya E.V., *Publ. Pulkovo (2), 85, 4-148 (1983)*	*Id.*: BS/SRS, BD α, δ (B1950) *mvis*	
The Catalogue of 5954 Stars in Declination Zone from -2deg to +1deg. *470Kb* *5954 stars* **I/310/** *f-v*	Kortazzi I. , *Catalog der Astronomische Gesellschaft, 1-121, (1900)*	*Id.*: AGK1, BD α, δ (1875) Precession terms m_v	Zone $-2°10'$ to $+1°10'$
Hipparcos, the new Reduction of the Raw data *32Mb* *117955 stars* **I/311/** *f-v*	Floor van Leeuwen , *Astron. Astrophys.* **474**, *653 (2007); Astrophys. Space Library* **350** *(2007)*	*Id.*: HIP, DM, HD α, δ , μ_α, μ_δ, π(IRCS) σ's H_p, $V-B$, $V-I$ Weight matrix $\dot\mu_\alpha$ $\dot\mu_\delta$ (7-par. suppl.) $\ddot\mu_\alpha$ $\ddot\mu_\delta$ (9-par. suppl.)	Version corrected on 15-Sep-2008
PPM-Extended, a catalogue of positions and proper motions *2950Mb* *18088919 stars* **I/312/** *f-v*	Roeser, S., Schilbach, E., Schwan, H., Kharchenko, N.V., Piskunov, A.E., Scholz, R.-D. , *Astron. Astrophys.* **488**, *401 (2008)*	*Id.*: IAU-HHMMSS.S+DDMMSS , original α, δ (J2000), $\mu_\alpha \mu_\delta$ $BVRJHK$ Flags	

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The LQRF - An optical representation of the ICRS. *5.7Mb* *100165 QSOs* **I/313/** *f-v*	Andrei A.H. et al., *Astron. Astrophys.* **505***, 385 (2009)*	α, δ (J2000; optical,radio) *Rmag*, z Radio counterpart	
Lowell GR* red stars *30Kb* *504 stars* **I/316/** *f-v*	Giclas H.L., Burnham R., Thomas N.G. , *Lowell Obs. Bull.* **7***, 217 (1972);* **8***, 9 (1975);* **8***, 51 (1978)*	*Id.*: GR, other α, δ (J2000) Comments	Identified by B. Skiff (Lowell Obs.)
PPMXL Catalog *38656Mb* *910469430 sources* **I/317/** *f-v*	Röeser S., Demleitner M., Schilbach E., *Astron. J.* **139***, 2440 (2010)*	*Id.*: PPMXL α, δ (J2000) + σ $\mu_\alpha \mu_\delta$ + σ Mean epochs (α, δ) JHK and bri magnitudes Flags	
XPM Catalog of positions and proper motions of stars *194Kb* *313610083 stars* **I/319/** *f-v*	Fedorov P., Myznikov A., Akhmetov V. , *Mon. Not. R. Astron. Soc.* **416***, 403 (2011)*	α, δ (J2000); $\mu_\alpha \mu_\delta$ $FJVN$ (from GSC2.3) JHK (from 2MASS)	
Yale/San Juan Southern Proper Motion Catalog 4 (SPM4) *205Kb* *103319647 sources* **I/320/** *f-v*	Girard T.M., van Altena W.F., Zacharias N., Vieira K., Casetti-Dinescu D.I., Castillo D., Herrera D., Lee Y.S., Beers T.C., Monet D.G., López C.E. , *Astron. J.* **142***, 15 (2011)*	*Id.*: SPM4 α, δ (J2000) + σ μ_α, μ_δ + σ $BVJHK$ Remarks	$\delta \leq -20°$
A new reduction of digitized photographic plates with selected asteroids obtained with Normal Astrograph of Pulcovo observatory in the period from 1948 to 1990 years. *326Kb* *1378* **I/321/** *f-v*	Berezhnoy A.A. ,	Minor Planets: Number, Name Star with large μ: LSPM α, δ, Epoch Residuals	
The fourth U.S. Naval Observatory CCD Astrograph Catalog (UCAC4) *401Kb* *113,780,093 stars* **I/322A/** *f-v*	Zacharias N., Finch C.T., Girard T.M., Henden A., Bartlett J.L., Monet D.G., Zacharias M.I. , *Astron. J.* **145***, 44 (2013)*	*Id.*: UCAC4, 2UC, 2MASS α, δ (ICRS) + σ μ_α, μ_δ + σ $BVgriJHK_S$ Flags	Supersedes **I/315** Fix in Jan. 2013

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VLBI International Celestial Reference Frame 2 (ICRF2) *5.2Mb* *3414 sources* **I/323/** *f-v*	Ma C., Arias F.E., Bianco G., et al. , *IERS Tech. Note* **35** *(2009)*	*Id.*: α, δ (J2000) Mean Epoch	Supersedes **I/251**
The Initial Gaia Source List (IGSL) *330Kb* *1222598530 records* **I/324/** *f-v*	Smart R.L. , *ESA Document Gaia-C3-TN-OATO-RLS-004-01*	*Id.*: IGSL3, GSC2.3, UCAC4, PPMXL, OGLE, 2MASS, ... α, δ (J2000) + σ $\mu_\alpha \mu_\delta + \sigma$, source ℓ, b, λ, β $BRGG_{rvs}$ + σ	
Radio-optical reference frame link using the USNO astrograph and deep CCD imaging *232Kb* *666 QSOs* **I/325/** *f-v*	Zacharias M.I., Zacharias N. , *U.S. Naval Observatory, Washington DC*	α, δ (ICRF) + σ $\Delta\alpha$, $\Delta\delta$ (radio-opt) Object class, z Quality, remarks	
The Catalogue of Reference Stars around 72 Galactic Radio-Sources. *1.1Mb* *12495 stars* **I/326/** *f-v*	Narizhnaya N., Ryl'kov V. , *Romanian Astronomical Journal Supplement, 15, 187-189 (2005)*	*Id.*: GRS, HIP (stars near galactic radio-sources) α, δ (J2000) $+\sigma$	
Carlsberg Meridian Catalog Number 15 *105Kb* *134653515 records* **I/327/** *f-v*	,	*Id.*: CMC15 α, δ (ICRS) + σ Ep(astrometry) $r'JHK$ magnitudes Number of observations	-40 to $+50°$ Supersedes **I/304**
Catalogue of bright IDS stars with extensive cross-identifications *6.3Mb* *29965 stars* **I/328/** *f-v*	Lipaeva N.A., Sementsov V.N., Malkov O. , *Baltic Astron.* **23**, *245 (2014)*	*Id.*: IDS, DM, HD, SAO/GC/AGK, PPM, ADS α, δ (B1950) ρ, θ, *Sp*, m_1, m_2	
The first U.S. Naval Observatory Astrometric Robotic Telescope Catalog (URAT1) *17887Mb* *228,276,482 sources* **I/329/** *v*	Zacharias N., Finch C., Subasavage J., Bredthauer G., Crockett C., Divittorio M., Furguson E., Harris F., Harris H., Kilian C., Munn J., Rafferty T., Rhodes A., Schultheiss M., Tilleman T., Wieder G. , *Astron. J.* **150**, *101*	*Id.*: URAT1, 2MASS α, δ (ICRS) + σ μ_α, μ_δ + σ $BVgriJHK_S$ Flags	