

OBSERVATORIO ASTRONOMICO RAMON MARIA ALLER

INTERNATIONAL ASTRONOMICAL UNION COMMISSION 26 (DOUBLE STARS) INFORMATION CIRCULAR No. 149 (FEBRUARY 2002)

NEW ORBITS

ADS RA 2000 DEC	Name n (deg)	P (yr) a (")	T i (deg)	e w (deg)	W(2000) Last ob.	2003 2004	Author
2963 04100+8042	STF 460 0.9667	372.42 0.860	2053.68 31.0	0.124 118.5	82.9 1999.8915	136.5 0.72 137.8 0.72	SCARDIA
04119+2338	CHR 14 12.5122	28.77 0.231	1993.01 63.3	0.602 57.6	170.0 2000.7678	10.5 0.284 13.5 0.279	OLEVIC & CVETKOVIC
04123+0939	STT 74 1.9459	185. 0.510	2006.20 96.	0.390 314.	102.8 1993.10	113.6 0.154 111.8 0.174	ALZNER
3230 04269-2405	BU 311 0.6036	596.45 1.029	1980.98 62.0	0.532 345.0	124.3 1999.7655	140.9 0.48 142.0 0.48	SCARDIA & BRUZZI
3472 04505+0103	A 2622 2.2718	158.46 0.250	1988.44 123.8	0.022 163.4	79.5 1993.0924	249.3 0.24 247.9 0.24	SCARDIA
04464+4221	COU 2031 17.1021	21.05 0.166	1987.72 84.8	0.233 171.8	148.7 1998.109	154.6 0.119 159.1 0.076	MANTE
5514 06531+5927	STF 963 AB 0.8930	403.15 0.695	1959.58 64.6	0.526 167.5	48.2 1997.079	310.4 0.24 313.2 0.24	SCARDIA et al. (*)
07143-2621	FIN 323 1.8529	194.29 0.195	1972.81 73.1	0.577 50.6	151.4 1996.1752	330.0 0.192 330.4 0.196	OLEVIC & CVETKOVIC
8569 12291+3123	STT 251 0.6660	540.56 0.553	1894.33 33.4	0.855 96.0	165.1 1997.29	58.8 0.64 59.0 0.65	SCARDIA
14373-4608	FIN 318 Aa 3.9925	90.17 0.195	1975.81 113.5	0.703 85.3	0.6 1993.0989	138.3 0.159 136.6 0.158	OLEVIC & CVETKOVIC
14567-6247	FIN 372 9.9365	36.23 0.147	1992.96 115.2	0.398 191.4	7.3 1996.1814	21.3 0.156 18.2 0.170	MANTE
9769 15396+7959	STF 1989 1.9655	183.16 0.530	1901.57 121.8	0.943 300.1	164.0 2001.3589	24.4 0.71 24.2 0.71	SCARDIA
16115+0943	FIN 354 5.8305	61.74 0.117	2026.00 93.5	0.127 234.2	82.9 1992.3075	274.1 0.031 270.3 0.044	OLEVIC & CVETKOVIC
10017 16212+2259	HU 481 3.1582	113.99 0.466	1998.30 143.3	0.595 7.0	10.9 1996.540	306.2 0.20 295.2 0.21	SCARDIA
10235 16518+2840	STF 2107 AB 1.3415	268.35 0.992	1895.66 28.6	0.570 251.2	43.5 2001.3427	99.1 1.38 99.6 1.38	SCARDIA et al. (*)
17018-5108	I 1306 5.7795	62.29 0.255	2011.00 83.6	0.670 107.7	19.5 1992.4550	17.1 0.224 17.8 0.213	OLEVIC & CVETKOVIC
17221+2310	COU 415 1.5231	236.36 0.532	2224.65 153.8	0.696 161.3	175.6 1995.4369	273.2 0.288 270.0 0.299	DOCOBO & LING
17221-7007	FIN 373 9.5640	37.64 0.144	1994.42 73.4	0.674 263.2	112.7 1992.4496	133.3 0.121 136.2 0.118	OLEVIC & CVETKOVIC
	COU 1462	23.39	2017.25	0.682	38.6	78.1 0.088	DOCOBO

19089+3404	15.3912	0.313	83.6	272.7	2000.7667	99.6	0.066	& LING
	COU 327 AB	62.76	2048.14	0.576	65.9	203.6	0.046	DOCOBO
20216+1930	5.7361	0.137	80.3	309.3	1994.7236	209.8	0.053	& LING
	KUI 102	58.72	1959.07	0.294	11.1	1.2	0.31	SCARDIA
21001+0731	6.1307	0.290	130.0	137.7	1999.7279	357.7	0.30	et al. (*)
16914	HU 1325	318.80	1953.51	0.423	173.5	17.7	0.79	SCARDIA
23401+1258	1.1292	0.860	17.9	99.9	1995.86	18.8	0.80	

(*) SCARDIA, PRIEUR, KOECHLIN and ARISTIDI

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1. ARGYLE, R.W.; ALZNER, A. & HORCH, E.P.: "Orbits for five southern visual binaries". *Astron. Astrophys.* 384, 171 (2002).
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- from Astrometric and Radial Velocity Data". Publ. Astron. Soc. Pacific, 114, 224 (2002).
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 45. TORRES, G. et al.: "Testing models of stellar evolution for metal-poor

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Astron. J. 124 (3), 1716 (2002).

ANNOUNCEMENT: PUBLICATIONS BY J. DOMMANGET

- a) Related to the preparation and publication of the second edition of the CCDM (See: Information Circular n° 148)
1. DOMMANGET, J. & NYS, O. -1994 "Catalogue des Composantes d'etoiles Doubles et Multiples (CCDM) - premiere edition / Catalogue of the components of Double and Multiple Stars (CCDM) - first edition". Comm. de l'Obs. R. de Belg., Serie A, 115, pp.26 (Released at CDS, Strasbourg - ref.: I -211).
 2. DOMMANGET, J. & NYS, O. -1994 "Erreurs relevees dans le catalogue Index 1961,0". Bull. d'Inform. du Centre de Donnees Astron., Strasbourg, 45, pp. 7-17.
 3. DOMMANGET, J. & NYS, O. -1995 "Catalogue d'Entree HIPPARCOS (HIC): corrections et donnees complementaires". Bull. d'Inform. du Centre de Donnees Astron., Strasbourg, 46, pp.13-22.
 4. DOMMANGET, J. & NYS, O. -1996 "Catalogue d'Entree HIPPARCOS (HIC): corrections et donnees complementaires II". Bull. d'Inform. du Centre de Donnees Astron., Strasbourg, 48, pp.19-33.
 5. DOMMANGET, J. - 1998 "Le catalogue Hipparcos et le catalogue Tycho - Analyse des resultats concernant les etoiles doubles visuelles". Bulletin de la Commission des etoiles doubles de la SAF, 34, pp.11-20.
 6. DOMMANGET, J. - 2000 "The Hipparcos catalogue and the Tycho Catalogue - Analysis of the results for the visual double stars". The Observatory, 120, n° 1156, pp.202-210.
 7. DOMMANGET, J. & NYS, O. -2000 "Histoire d'un Catalogue, le CCDM". Observations et Travaux, 52, pp. 26-31.
 8. DOMMANGET, J. & NYS, O. - 2000 "The visual double stars observed by the Hipparcos satellite". Astronomy & Astrophysics, 363, pp. 991-994 (+ errata: 364, pp. 927-930), (Released at CDS, Strasbourg - ref.: I -260).
 9. DOMMANGET, J. - 2000 "La situation du CCDM et sa completude". Bulletin de la Commission des etoiles doubles de la SAF, 36, 2000, pp. 36-40.
 10. DOMMANGET, J. - 2000/2001 "Apports de la Mission Hipparcos a la connaissance des binaires". Ciel et Terre, 117, pp.148-154, 2001; Bulletin de la Commission des etoiles doubles de la SAF, 37, pp. 11-24.
 11. DOMMANGET, J. & MORLET, G. - 2002 "Composantes decouvertes par Hipparcos dans des systemes connus / Components discovered by Hipparcos in known systems". Observations et Travaux, 54, pp.2-4.
 12. DOMMANGET, J. & NYS, O. - 2002 "Catalogue des Composantes d'etoiles doubles et multiples (CCDM) - Seconde edition / Catalogue of the components of Double and Multiple Stars (CCDM) - Second edition. Observations et Travaux, 54, pp.5-29 (Released at CDS, Strasbourg - ref.: I -274).
- b) General:
1. DOMMANGET J. -1999 "Cette mesure d'etoile double est-elle vraiment utile?". Bulletin de la Commission des etoiles doubles de la SAF, 35, pp.17-23; Ciel et Terre, 116 (3), pp. 34-37.
 2. DOMMANGET, J. - 2002 "Seeing? Comprends pas...". Ciel et Terre, 118, pp. 14-17.

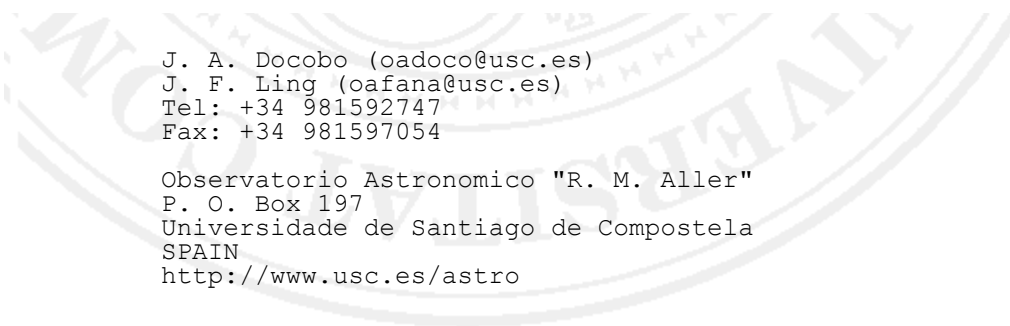
RECTIFICATION

In 1992 J.C. Thorel resolved A(BD+60 274) component of STI 237 multiple system. It was named JCT2 Aa. According with the new designation made for this system in the WDS in 2002, this component should be JCT2 Fa, not JCT2 Aa.

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The deadline for contributions to Information Circular No. 150 is:

June 15th 2003



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