

INTERNATIONAL ASTRONOMICAL UNION COMMISSION 26

(DOUBLE STARS)

INFORMATION CIRCULAR No. 157 (OCTOBER 2005)

NEW ORBITS

ADS α 2000 δ	Name n	P a	T i	e ω	Ω (2000) Last ob.	2005 2006	Author(s)
1530 01554+0257	A 2407 2.6282	136 ^y 98 0 ^{''} 597	2026.29 41°9	0.178 221°4	151°0 1991.75	304°8 0 ^{''} 514 307.4 0.515	MANTE
1613 02022+3643	A 1813 AB-C 1.1594	310.51 1.790	2210.24 113.2	0.636 135.5	168.5 2001.786	204.7 1.595 204.3 1.611	NOVAKOVIC & TODOROVIC
2271 03006+4753	A 1529 3.4130	105.48 0.159	1966.00 98.0	0.731 208.1	165.4 2004.99053	163.0 0.251 162.8 0.251	DOCOBO & TAMAZIAN
3323 04364+3413	HU 610 6.0760	59.25 0.176	2004.71 46.2	0.383 146.8	98.1 2004.99067	257.2 0.102 268.0 0.108	DOCOBO & TAMAZIAN
04464+4221	COU 2031 17.5953	20.46 0.152	2008.93 81.8	0.273 188.4	148.1 2004.99070	222.4 0.022 303.4 0.044	DOCOBO & TAMAZIAN
6828 08285-0231	A 551 AB 6.5814	54.70 0.283	2001.80 83.7	0.429 211.0	62.4 2004.991	290.4 0.027 22.6 0.034	DOCOBO & LING
09498+2111	KUI 44 3.5729	100.76 0.195	2000.49 104.7	0.867 335.3	29.4 2004.9912	254.3 0.037 245.1 0.050	DOCOBO & TAMAZIAN
09498+2111	KUI 44 3.1830	113.1 0.208	2000.31 107.5	0.887 332.0	27.9 2004.9912	257.3 0.042 249.1 0.055	LAMPENS et al. (*)
10373-4814	SEE 119 21.7654	16.54 0.368	2002.72 129.1	0.746 283.2	28.2 1997.0903	337.2 0.274 322.7 0.311	DOCOBO & LING
17584+0428	KUI 84 24.2261	14.86 0.161	2001.48 59.8	0.528 10.4	171.3 1998.7766	335.2 0.175 342.3 0.210	DOCOBO & LING
11311 18208+7120	STT 353 AB 1.1696	307.8 0.965	2116.6 95.6	0.752 275.0	70.3 1998.679	269.1 0.467 268.8 0.472	ANDRADE

NEW ORBITS (continuation)

ADS α 2000 δ	Name n	P a	T i	e ω	Ω (2000) Last ob.	2005 2006	Author(s)
11336 18239+5848	STF 2323 AB 0.0909	3962.50 6.621	5671.40 107.7	0.553 128.0	179.9 2000.29	348.9 3.750 348.8 3.749	NOVAKOVIC & TODOROVIC
11635 18443+3940	STF 2382 AB 0.1995	1804.41 4.742	2091.43 121.2	0.691 255.5	162.1 2003.806	348.8 2.384 348.5 2.372	NOVAKOVIC & TODOROVIC
12656 19351+5038	HU 679 3.4816	103.40 0.315	1977.30 37.3	0.579 81.0	28.0 1996.6903	251.7 0.369 253.4 0.372	ANDRADE
20374+7536	HEI 7 11.6092	31.00 0.485	1997.05 39.3	0.684 257.7	176.2 1999.8825	221.0 0.583 225.4 0.604	DOCOBO & ANDRADE
17050 23516+4205	STT 510 AB 0.2364	1522.90 0.792	1824.50 117.2	0.069 85.3	96.4 2002.834	301.8 0.579 301.6 0.581	NOVAKOVIC & TODOROVIC

(*) LAMPENS, FRÉMAT & HENSBERGE

MULTIPLE STAR CATALOG (MSC) HAS A NEW ON-LINE INTERFACE

<http://www.ctio.noao.edu/atokovin/stars/index.php>

As of August 2005, MSC contains 1024 physical systems of multiplicity from 3 to 6. It is expected that the on-line version will be updated regularly. Please, send corrections or information on the new systems to A. Tokovinin, atokovinin@ctio.noao.edu.

Andrei Tokovinin
Cerro Tololo Inter-American Observatory

IAU SYMPOSIUM 240

We are proud to announce IAU Symposium 240, “Binary Stars as Critical Tools & Tests in Contemporary Astrophysics”, to be held 22-25 August 2006, during the International Astronomical Union’s 26th General Assembly in Prague, Czech Republic.

We believe this is the first major meeting in recent memory bringing together members of both the “wide” and “close” binary communities; it is therefore appropriate that the meeting be co-sponsored by Commissions 26 (Double and Multiple Stars) and 42 (Close Binary Stars) with the support of 11 other commissions and working groups.

Topics to be included range from common proper motion pairs and other “fragile” binaries to contact binaries and star/brown-dwarf and star/planet systems, from long-baseline interferometry to theories of binary formation and anticipated results of Gaia and other large-scale surveys. Our goal is to have a meeting which will appeal to all binary and multiple star researchers, where astronomers in different binary star fields may find areas of common interest.

Please see the symposium website, <http://ad.usno.navy.mil/iaus240/>, for a preliminary program and other information concerning this meeting.

William Hartkopf, Petr Harmanec and Ed Guinan
Symposium 240 co-chairs

The deadline for contributions to Information Circular No. 158 is:

February 15th 2006

J. A. Docobo (oadoco@usc.es)

J. F. Ling (oafana@usc.es)

Tel. +34 981592747

Fax: +34 981597054

Observatorio Astronómico R. M. Aller

P. O. Box 197

<http://www.usc.es/astro>

Universidade de Santiago de Compostela

SPAIN

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