

OBSERVATORIO ASTRONOMICO RAMON MARIA ALLER

INTERNATIONAL ASTRONOMICAL UNION COMMISSION 26 (DOUBLE STARS) INFORMATION CIRCULAR No. 145 (OCTOBER 2001)

NEW ORBITS

ADS RA 2000 DEC	Name n (deg)	P (yr) a (")	T i (deg)	e w (deg)	W(2000) Last ob.	2001 2002	Author
00090-5400	HDO 181 1.4015	256.86 0.585	1981.09 140.5	0.514 23.3	152.6 1991.7128	45.8 0.310 42.6 0.319	SEYMOUR
588 00424+0410	STT 18 AB 0.9314	386.51 3.296	1828.13 75.3	0.834 284.3	76.5 1999.8884	204.4 1.896 204.8 1.907	HARTKOPF & MASON
746 00546+1911	STT 20 AB 1.0754	334.76 0.690	1904.02 130.0	0.277 150.4	120.3 2000.8304	192.0 0.517 190.9 0.521	DOCOBO & LING
795 00576+5424	HLD 4 AB 0.4568	788.16 0.948	1990.92 13.3	0.892 191.7	90.1 1996.6910	20.4 0.216 24.0 0.230	MANTE
1102 01218-2408	SEE 13 0.2352	1530.34 2.021	1846.51 67.2	0.900 148.1	207.0 1991.7157	174.5 1.203 174.6 1.210	HARTKOPF & MASON
1778 02193-0259	JOY 1 Aa 0.7231	497.88 0.800	2285.75 112.0	0.160 258.3	138.8 1998.657	106.7 0.56 106.1 0.55	SCARDIA et al. (*)
1992 02382+4604	A 1278 3.3998	105.89 0.527	1998.63 96.7	0.950 83.8	121.9 1996.6912	295.1 0.142 293.6 0.163	HARTKOPF & MASON
2028 02398+0009	A 1928 AB 20.0893	17.92 0.138	2009.17 45.1	0.463 354.1	58.9 1999.8177	239.4 0.201 245.5 0.195	DOCOBO & LING
02415+4053	COU 1511 16.2273	22.18 0.124	1988.64 147.0	0.474 287.0	217.2 1996.6912	97.7 0.158 90.3 0.157	HARTKOPF & MASON
2377 03127+7133	STT 50 AB 1.1611	310.06 1.010	2085.83 134.9	0.394 5.6	14.9 1998.931	156.3 1.02 155.5 1.01	SCARDIA et al. (**)
3114 04182+2248	STF 520 0.1.6203	222.18 0.581	1969.64 43.7	0.872 123.5	151.0 1998.09	73.0 0.488 73.8 0.498	HARTKOPF & MASON
5280 06393+4200	STT 150 AB 2.0715	173.79 0.234	1978.75 115.1	0.584 238.1	8.4 1996.175	10.8 0.207 9.9 0.213	DOCOBO & LING

07324-3558	RST 4855 AB	80.34	1991.60	0.797	25.3	12.3	0.184	MANTE
	4.4809	0.196	50.0	198.8	1993.0927	14.2	0.197	
6483	STT 185	58.04	1943.35	0.782	188.0	198.0	0.078	HARTKOPF
07573+0108	6.2029	0.415	76.4	67.1	1997.8303	338.4	0.046	& MASON
8189	STT 234 AB	86.86	1967.85	0.356	156.2	160.4	0.493	DOCOBO
11308+4117	4.1446	0.381	56.6	209.8	2000.2310	161.6	0.495	& LING
14077-4952	SLR 19	202.54	1852.62	0.579	150.0	316.2	1.44	SCARDIA
	1.7774	1.150	54.1	306.4	1998.159	316.7	1.44	
9264	A 2069	42.28	1977.48	0.403	54.4	210.6	0.243	SCARDIA
14267+1625	8.5139	0.200	126.2	27.3	1999.409	207.3	0.234	et al. (**)
14593+4649	COU 1760	113.32	1972.35	0.576	191.2	233.1	0.212	SEYMOUR
	3.1768	0.261	61.3	275.4	1996.415	235.0	0.211	
9975	A 1642	188.61	1892.30	0.271	176.1	184.7	0.666	HARTKOPF
16137+4638	1.9087	0.719	99.3	120.4	1997.4003	184.4	0.676	& MASON
16193-4240	SEE 271	67.50	2049.59	0.788	215.2	92.2	0.342	SEYMOUR
	5.3334	0.293	45.8	82.5	1991.25	93.9	0.347	
16420+7353	MLR 198	33.58	1994.05	0.623	215.4	48.3	0.200	HARTKOPF
	10.7213	0.172	131.8	19.3	1993.1976	44.5	0.217	& MASON
10229	STF 2106	1270.02	1915.40	0.349	159.5	174.5	0.692	SCARDIA
16511+0924	0.2835	1.398	103.8	261.6	1999.385	174.2	0.699	et al. (**)
17088+6543	STA 1	6.57	1999.26	0.225	14.8	33.9	0.078	MANTE
	54.8279	0.096	68.6	285.4	1994.7078	90.5	0.043	
17308-3726	B 912	215.88	1955.70	0.363	38.7	138.2	0.259	HARTKOPF
	1.6674	0.416	53.6	338.7	1991.25	140.5	0.263	& MASON
11296	HO 566	95.07	1967.68	0.818	160.3	144.9	0.471	LING
18236-2610	3.7867	0.351	108.6	230.5	2001.553	144.6	0.471	
12214	B 430	19.41	1994.40	0.538	285.6	102.3	0.173	HARTKOPF
19155-2515	18.5517	0.130	80.9	1.1	1991.7261	103.5	0.188	& MASON
12557	STF 2536	672.50	2079.33	0.089	96.2	117.0	1.78	SCARDIA
19316+1747	0.5353	1.975	38.6	75.3	1997.682	117.5	1.78	
20216+1930	COU 327	34.48	1987.30	0.459	70.2	238.1	0.095	DOCOBO
	10.4408	0.156	84.3	310.6	1994.7236	240.2	0.112	& LING
20267-4334	I 1420	81.50	1980.40	0.353	159.3	340.2	0.510	ZIRM
	4.4172	0.457	79.9	56.8	1991.3929	340.7	0.517	
13887	SHJ 323 AB	314.87	1965.26	0.959	148.8	194.8	1.38	SCARDIA
20289-1749	1.1433	2.100	118.4	129.6	1999.784	194.5	1.41	
13944	A 1675	49.62	1947.75	0.568	142.6	335.2	0.080	HARTKOPF
20311+1548	7.2555	0.145	109.4	60.2	1994.7025	330.1	0.100	& MASON

20330+4950	MCA 61	75.73	1985.44	0.290	40.9	225.9	0.084	SCARDIA
	4.7536	0.084	51.7	80.6	1998.665	228.7	0.085	et al. (**)
14585	BU 1138 AB	314.09	2003.29	0.500	181.7	195.9	0.054	HARTKOPF
21028+4551	1.1462	0.260	96.4	302.8	1985.8398	193.7	0.062	& MASON
	I 1449	82.90	1968.80	0.730	31.1	296.3	0.201	ZIRM I
21551-3148	4.3426	0.360	109.5	281.0	1991.25	293.1	0.204	
	I 1449	90.90	2003.70	0.648	108.6	97.7	0.104	ZIRM II
21551-3148	3.9604	0.248	129.4	73.8	1991.25	84.4	0.085	
16539	A 1238 AB	72.23	1963.18	0.280	117.0	141.7	0.309	SCARDIA
23088+1058	4.9840	0.247	153.3	147.8	1999.869	138.9	0.309	et al. (**)
17105	A 426	183.06	1890.21	0.330	95.0	303.4	0.390	HARTKOPF
23561+2520	1.9665	0.342	132.1	300.6	1999.7117	302.4	0.392	& MASON

(*) SCARDIA, PRIEUR, ARISTIDI, LOPEZ, MIGNARD, & CARBILLET

(**) SCARDIA, PRIEUR, KOECHLIN, & ARISTIDI

NOTES

Errata in Information Circular No. 144:

1. In the entry for WDS 03591+0948 (HU 27), the value of omega should be 236.1, not 263.1.
2. In the entry for WDS 04475+4324 (A 1544 AB), the value of n should be 4.6869, not 0.4.6869.
3. In the entry for MLR 314, the WDS number should be 05372+6642, not 05372+4148.
4. In the entry for WDS 16128+3922 (STF 2028), the ADS number should be 9970, not A 9970.
5. The entry for WDS 18068-4325 (HJ 5014) duplicates the same entry in Information Circular No. 143.
6. The entry for WDS 18236-2610 (HO 566) should immediately follow the entry for WDS 16193-4240 (SEE 271).
7. The internet address of the Ramon Maria Aller Observatory Catalogue of Orbits and Ephemerides of Visual Double Stars is:
<http://www.usc.es/astro/catalog.htm>

Others papers on double stars published in 2000

1. COURTOT, J. F., ARGYLE, R. W. & SKIFF, B.A.: "Micrometric measures of Double Stars from 1998.0 to 2000.0". The Webb Society Double Star Section, Circular No. 8 (2000).
2. FABRICIUS, C. & MAKAROV, V. V.: "Hipparcos astrometry for 257 stars using Tycho data". Astron. Astrophys. 144, 45 (2000).

The deadline for contributions to Information Circular No. 146 is:

February 15th 2002

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