

INTERNATIONAL ASTRONOMICAL UNION COMMISSION 26

(DOUBLE STARS)

INFORMATION CIRCULAR No. 135 (JUNE 1998)

NEW ORBITS

| ADS α 2000 δ | Name n | P a | T i | e ω | Ω (2000) Last ob. | 1998 1999 | Author |
|-------------------------------|------------------------------|---|------------------------------|----------------------------|---------------------------------|--|-----------------------|
| 674 00491+5720 | A 921 2 ⁰ 4561 | 146 ^y 58 0 ^o 213 | 2003.38 56 ^o 7 | 0.582 90 ^o 6 | 160 ^o 5 1991.9043 | 190 ^o 2 0 ^o 092 196.8 0.081 | OLEVIC & JOVANOVIĆ |
| 01220-6943 | I 263 0.3273 | 1100. 2.043 | 1939.9 71.7 | 0.773 317.2 | 223.9 1991.713 | 262.9 0.535 263.9 0.532 | MASON & HARTKOPF |
| 2849 03545+0511 | A 1831 1.5339 | 234.70 0.208 | 1978.57 39.6 | 0.258 76.4 | 84.0 1991.9047 | 217.4 0.142 219.8 0.145 | OLEVIC & JOVANOVIĆ |
| 2965 04044+2406 | MCA 13 Aa 18.7630 | 19.19 0.041 | 1984.23 137.9 | 0.140 261.8 | 156.3 1990.7551 | 3.6 0.040 349.1 0.041 | OLEVIC & JOVANOVIĆ |
| 3370 04400+2301 | HU 442 1.4507 | 248.15 0.454 | 1988.71 69.3 | 0.129 259.9 | 177.9 1991.902 | 108.4 0.148 113.0 0.153 | PAVLOVIĆ & ZIVKOV |
| 3608 05017+2640 | A 1844 14.3198 | 25.14 0.260 | 1949.69 20.7 | 0.325 96.2 | 105.7 1996.8662 | 146.0 0.190 172.7 0.171 | MASON & HARTKOPF |
| 3799 05134+0158 | STT 517 AB 0.6792 | 530. 0.527 | 1924.8 14.9 | 0.887 354.0 | 87.0 1997.1224 | 238.6 0.602 238.8 0.607 | MASON & HARTKOPF |
| 4265 05413+1632 | BU 1007 3.1337 | 114.88 0.316 | 1941.25 81.8 | 0.869 61.1 | 48.4 1991.9050 | 242.7 0.297 243.0 0.294 | DOCOBO & LING |
| 6138 07305+0743 | A 2869 3.1780 | 113.28 0.260 | 1995.62 127.3 | 0.819 226.0 | 104.5 1993.2050 | 137.5 0.067 125.5 0.093 | OLEVIC & JOVANOVIĆ |
| 6291 07417+0942 | STF 1130 0.3600 | 1000. 1.858 | 1981.1 52.3 | 0.811 346.1 | 328.6 1995.9271 | 15.7 0.379 18.7 0.381 | MASON & HARTKOPF |

NEW ORBITS (continuation)

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|---|-------------------------------|----------------------|----------------------|----------------------|------------------------------------|----------------------------|-----------------------|
| 11210-5429 | I 879 9.2999 | 38.71 0.259 | 1935.53 54.8 | 0.788 35.0 | 290.7 1997.1177 | 139.1 0.371 140.8 0.357 | MASON & HARTKOPF |
| 13320+3109 | WOR 24 16.9972 | 21.18 0.272 | 1986.02 150.7 | 0.637 258.3 | 104.3 1997.391 | 19.9 0.384 14.0 0.374 | DOCOBO & BALEGA |
| 13535-3540 | HWE 28 AB 1.2324 | 292.11 1.329 | 1957.55 71.8 | 0.686 93.5 | 111.5 1997.115 | 309.5 0.958 310.1 0.959 | LING & PRIETO |
| 14310-0548 | RST 4529 15.6590 | 22.99 0.244 | 1993.57 49.9 | 0.506 119.4 | 14.7 1997.394 | 250.7 0.186 265.1 0.193 | DOCOBO & TAMAZIAN |
| 14463+0940 | 9380 STF 1879 1.4229 | 253.5 1.111 | 1866.0 117.7 | 0.699 327.8 | 251.2 1997.47 | 86.5 1.686 86.3 1.690 | MASON & HARTKOPF |
| 14493+1014 | 9397 A 2983 36.0722 | 9.98 0.127 | 1988.059 45.8 | 0.491 156.8 | 142.3 1997.394 | 302.0 0.061 18.1 0.072 | BALEGA & VASYUK |
| 14542-6625 | HJ 4707 1.0405 | 346.0 1.577 | 1933.9 113.8 | 0.390 359.4 | 60.7 1997.1180 | 286.4 0.821 285.0 0.841 | MASON & HARTKOPF |
| 14587-2739 | 9453 BU 239 0.8388 | 429.19 0.836 | 2217.25 66.9 | 0.337 75.5 | 126.6 1998.137 | 359.5 0.527 0.2 0.523 | LING & PRIETO |
| 16384+3514 | COU 985 13.2499 | 27.17 0.185 | 1993.65 50.1 | 0.772 82.2 | 175.7 1997.391 | 32.4 0.173 38.1 0.185 | DOCOBO & LING |
| 18018+0118 | 10990 BU 1125 AB 1.3617 | 264.38 0.797 | 2070.67 53.3 | 0.264 232.5 | 7.1 1998.402 | 122.9 0.561 124.5 0.563 | POPOVIC & ZIVKOV |
| 18054+6216 | 11073 HU 1290 1.2206 | 294.94 0.475 | 1985.03 120.4 | 0.257 80.6 | 110.5 1998.402 | 348.0 0.206 344.9 0.212 | ZIVKOV & PAVLOVIC |
| 20176+2622 | 13649 BU 984 1.2562 | 286.58 0.800 | 2080.01 70.2 | 0.088 3.0 | 44.0 1994.80 | 267.5 0.380 269.4 0.370 | PAVLOVIC & POPOVIC |

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|-------------------------------|----------------------------|-----------------|------------------|----------------|-----------------------------|----------------------------|---------------------|
| 20311+3333 | COU 1962 15.2220 | 23.65 0.188 | 1979.14 73.0 | 0.340 336.4 | 111.7 1994.791 | 307.6 0.142 318.2 0.098 | DOCOBO & LING |
| 20494+1124 | 14333 J 194 2.5105 | 143.40 0.792 | 1957.50 121.0 | 0.188 111.6 | 27.9 1994.86 | 173.5 0.617 171.4 0.606 | DOCOBO & LING |
| 23517-0637 | 17052 A 2700 11.9363 | 30.16 0.180 | 1990.48 145.2 | 0.314 11.4 | 37.7 1995.85 | 257.0 0.180 248.4 0.194 | DOCOBO & LING |
| 23517-0637 | 17052 A 2700 12.0000 | 30.00 0.173 | 1960.35 149.8 | 0.305 357.8 | 24.0 1995.85 | 257.8 0.171 248.5 0.184 | MASON & HARTKOPF |

NEW DOUBLE STAR

Discovered by: Rade Pavlovic with Refractor Zeiss 65/1055 cm at Belgrade

| STAR | Mgn | Sp | Coord. 2000 | 1990+ | θ | ρ |
|-------|-------------|----|-----------------------|-------|--------------------|-------------------|
| PAV 2 | 10.0 - 11.2 | - | 17 18 36.6 N 32 28 17 | 7.502 | 302 ⁰ 8 | 3 ⁰ 50 |

NOTE

Paper by GILI, R. & COUTEAU, P. : *Measurements of double stars made at Nice Observatory with the 74 and 50 cm refractors*. Astron. Astrophys. Suppl. Ser. **126**, 1 (1997) was missed in PAPERS PUBLISHED IN 1997 (Information Circular No. 134).

The deadline for contributions to Information Circular No. 136 is:

October 15th 1998

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