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INTERNATIONAL ASTRONOMICAL UNION**

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XTE J0111.2-7317

D. Chakrabarty, Massachusetts Institute of Technology; T. Takeshima, Goddard Space Flight Center, NASA, and Universities Space Research Association; M. Ozaki and B. Paul, Institute of Space and Astronautical Science; and J. Yokogawa, Kyoto University, report: "An observation of the 31-s transient x-ray pulsar XTE J0111.2-7317 with the ASCA satellite on Nov. 18.8-19.6 UT yielded the following improved position for the x-ray source: R.A. = 1h11m14s.5, Decl. = -73o16'50" (equinox J2000.0), with an error radius of 30" (90-percent confidence). The x-ray flux in the band 0.7-10 keV was $3.6 \times 10E-10$ erg cmE-2 sE-1, corresponding to a luminosity of $2 \times 10E38$ erg/s, assuming a distance of 65 kpc. Further observations to identify the optical counterpart are encouraged."

COMET P/1998 U3 (JAGER)

Ephemeris extension to [IAUC 7040](#) (elements MPC 32866):

1998/99	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	m1
Nov. 23	7 00.26	+41 24.1	1.558	2.365	135.3	17.1	11.2
Dec. 3	6 58.97	+41 01.0	1.455	2.329	144.5	14.2	11.0
13	6 54.21	+40 19.6	1.371	2.295	153.7	10.9	10.8
23	6 46.69	+39 14.2	1.309	2.265	161.8	7.8	10.6
Jan. 2	6 37.84	+37 41.6	1.273	2.238	165.1	6.5	10.5
12	6 29.34	+35 43.9	1.263	2.214	160.4	8.6	10.5
22	6 22.80	+33 28.3	1.278	2.194	151.6	12.3	10.4
Feb. 1	6 19.37	+31 04.7	1.316	2.178	141.8	16.2	10.5
11	6 19.50	+28 42.4	1.375	2.165	132.2	19.7	10.5
21	6 23.16	+26 27.4	1.451	2.157	123.2	22.6	10.6
Mar. 3	6 30.04	+24 22.2	1.540	2.153	114.9	24.7	10.8

Total visual magnitude estimates: Nov. 15.55 UT, 11.6 (S. Yoshida, Ibaraki, Japan, 0.25-m reflector); 19.88, 11.0 (K. Hornoch, Lelekovice, Czech Republic, 0.13-m reflector); 21.16, 11.3 (G. Comello, Roden, The Netherlands, 0.31-m reflector); 23.44, 11.6 (N. Biver, Oahu, HI, 0.26-m reflector); 25.22, 11.2 (J. Bortle, Stormville, NY, 0.41-m reflector); 27.25, 11.3 (A. Pereira, Cabo da Roca, Portugal, 0.25-m reflector).

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Daniel W. E. Green