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URL <http://www.cfa.harvard.edu/iau/cbat.html> ISSN 0081-0304

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COMET P/2008 C2 (TICHÝ)

M. Tichý and J. Tichá, Klet Observatory, report their recovery of comet P/2000 U6 (cf. *IAUC* 7515) on CCD images obtained on Feb. 3 with the 1.06-m KLENOT Telescope, with Tichý's astrometric measures given below. They subsequently identified earlier images from Jan. 11.

	2008 UT	α_{2000}	δ_{2000}	Mag.
Jan.	11.71410	0 ^h 01 ^m 07 ^s .90	+0°43'19.0	
	11.71757	0 01 08.19	+0 43 23.9	
	11.71850	0 01 08.28	+0 43 24.4	19.4
Feb.	3.72580	0 37 04.11	+7 11 10.3	
	3.72688	0 37 04.24	+7 11 11.7	18.8
	3.72888	0 37 04.42	+7 11 13.3	
	3.73073	0 37 04.68	+7 11 14.7	
	3.73153	0 37 04.79	+7 11 15.4	
	3.73352	0 37 04.87	+7 11 17.2	
	3.73463	0 37 05.06	+7 11 19.3	18.6
	3.73748	0 37 05.30	+7 11 21.6	
	3.73848	0 37 05.48	+7 11 23.8	
	3.73950	0 37 05.58	+7 11 23.7	
	3.74552	0 37 06.07	+7 11 29.3	

The indicated correction to the prediction on *MPC* 54167 is $\Delta T = -0.16$ day. The following orbital elements by B. G. Marsden are from 211 observations, 2000–2008 (mean residual 0''.6).

Epoch = 2000 Oct. 23.0 TT

$$\left. \begin{array}{l} T = 2000 \text{ Oct. } 4.6044 \text{ TT} \\ e = 0.431372 \\ q = 2.154867 \text{ AU} \end{array} \right\} 2000.0$$

$$\left. \begin{array}{l} \omega = 11^{\circ}8524 \\ \Omega = 24.4340 \\ i = 19.3690 \end{array} \right\} 2000.0$$

$$a = 3.789587 \text{ AU} \quad n^{\circ} = 0.1336030 \quad P = 7.38 \text{ years}$$

Epoch = 2008 Feb. 24.0 TT

$$\left. \begin{array}{l} T = 2008 \text{ Feb. } 7.1544 \text{ TT} \\ e = 0.433828 \\ q = 2.137870 \text{ AU} \end{array} \right\} 2000.0$$

$$\left. \begin{array}{l} \omega = 11^{\circ}7159 \\ \Omega = 24.3420 \\ i = 19.3785 \end{array} \right\} 2000.0$$

$$a = 3.776006 \text{ AU} \quad n^{\circ} = 0.1343244 \quad P = 7.34 \text{ years}$$