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COMET P/2008 C2 (TICHÝ)

M. Tichý and J. Tichá, Kleť 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	$0^h01^m07^s.90$	$+0°43'19''.0$	
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

$$T = \text{2000 Oct. 4.6044 TT} \qquad \omega = 11^\circ.8524$$
$$e = 0.431372 \qquad \Omega = 24.4340 \quad \Big\} 2000.0$$
$$q = 2.154867 \text{ AU} \qquad i = 19.3690$$
$$a = 3.789587 \text{ AU} \qquad n^\circ = 0.1336030 \qquad P = 7.38 \text{ years}$$

Epoch = 2008 Feb. 24.0 TT

$$T = \text{2008 Feb. 7.1544 TT} \qquad \omega = 11^\circ.7159$$
$$e = 0.433828 \qquad \Omega = 24.3420 \quad \Big\} 2000.0$$
$$q = 2.137870 \text{ AU} \qquad i = 19.3785$$
$$a = 3.776006 \text{ AU} \qquad n^\circ = 0.1343244 \qquad P = 7.34 \text{ years}$$

2008 February 5 *Daniel W. E. Green*