Circular No. 9066

Central Bureau for Astronomical Telegrams
INTERNATIONAL ASTRONOMICAL UNION
Mailstop 18, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.
IAUSUBS@CFA.HARVARD.EDU or FAX 617-495-7231 (subscriptions)
CBAT@CFA.HARVARD.EDU (science)
URL `http://www.cfa.harvard.edu/iau/cbat.html` ISSN 0081-0304
Phone 617-495-7440/7244/7444 (for emergency use only)

COMET P/2009 L18 (SKIFF)

G. Sostero, E. Guido, P. Camilleri and E. Prosperi report the recovery of comet P/2002 S1 (cf. *IAUC* 7972) from the co-addition of forty unfiltered 60-s CCD exposures obtained remotely on June 15.6 UT with the 0.35-m *f*/7 reflector at the Skylive-Grove Creek Observatory (near Trunkey, NSW, Australia). The recovery was confirmed from the co-addition of ten unfiltered 300-s exposures with the same equipment on Aug. 18.6. The object was of stellar appearance on each occasion (the first observations on each night are tabulated below); the complete set of astrometry appears on *CBET* 1913, along with corrected and new pre-discovery observations from Palomar, orbital elements for epoch 2002 Mar. 27, residuals, and an ephemeris.

2009	UT	α_{2000}	δ_{2000}	Mag.	*Observer*
June	15.60811	$20^h49^m13^s.30$	$-49^\circ02'32''.4$	20.0	Sostero *et al.*
Aug.	18.57587	19 45 30.32	−48 51 00.9	19.6	"

The indicated corrections to the predictions on *MPC* 59600 and in the *2008/2009 Comet Handbook* are $\Delta T = -0.16$ and -0.19 day, respectively. The following improved orbital elements by B. G. Marsden satisfy 149 observations, 2001–2009 (mean residual $0''.6$):

$$\text{Epoch} = \text{2010 Sept. 1.0 TT}$$

$$\begin{array}{llll} T = \text{2010 Aug. 14.5215 TT} & \omega = 37^\circ.8480 & & \\ e = 0.416859 & \Omega = 346.8250 & \Big\} 2000.0 & \\ q = 2.420072\text{ AU} & i = 27.0551 & & \end{array}$$

$$a = 4.150062\text{ AU} \qquad n^\circ = 0.1165795 \qquad P = 8.45\text{ years}$$

THE EDGAR WILSON AWARD 2009

The Smithsonian Astrophysical Observatory announces that the 2009 Edgar Wilson Award for the discovery of comets (cf. *IAUCs* 6936, 8962) is being divided among the following five individuals for five different comets: Robert E. Holmes, Jr. (Charleston, IL, U.S.A.) for C/2008 N1 (cf. *IAUC* 8959); Stanislav Matičič (Crni Vrh Observatory, Slovenia) for C/2008 Q1 (cf. *IAUC* 8966); Michel Ory (Delemont, Switzerland) for P/2008 Q2 (cf. *IAUC* 8967); Koichi Itagaki (Yamagata, Japan) for C/2009 E1 (cf. *IAUC* 9026); and Dae-am Yi (Yeongwol-kun, Gangwon-do, Korea) for C/2009 F6 (cf. *IAUC* 9035).

2009 August 22 *Daniel W. E. Green*