Circular No. 8978

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*COMET P/2008 S1 = 2008 JK (CATALINA-McNAUGHT)*

B. G. Marsden has identified astrometry of the apparently asteroidal object 2008 JK (*MPS* 249095; discovery by A. Boattini on Catalina Sky Survey images, with the first observation tabulated below), which had briefly been posted on the Minor Planet Center's 'NEOCP' webpage last May, as being identical with comet C/2008 S1 (cf. *IAUC* 8977).

| 2008 UT | $\alpha_{2000}$ | $\delta_{2000}$ | Mag. |
|---|---|---|---|
| May 2.34377 | $14^{h}55^{m}09^{s}.84$ | $+11^{\circ}09'28''.2$ | 19.8 |

The following orbital elements by Marsden (from *MPEC* 2008-S26) indicate a relatively close approach to Jupiter (0.18 AU) in Aug. 1990, with the perihelion distance prior to that encounter being $q = 1.5$ AU.

Epoch = 2008 Oct. 21.0 TT

$$\begin{array}{llll} T = 2008\text{ Oct. }1.8082\text{ TT} & \omega = 203^{\circ}.6048 & \multirow{3}{*}{} & \\ e = 0.667506 & \Omega = 111.3691 & \left.\right\} 2000.0 & \\ q = 1.190656\text{ AU} & i = 15.1108 & & \end{array}$$

$a = 3.580983$ AU    $n^{\circ} = 0.1454456$    $P = 6.78$ years

*COMET 205P/GIACOBINI*

D. T. Durig and K. N. Hatchett, Cordell-Lorenz Observatory, Sewanee, TN, have reported observations of two additional components of comet 205P. The first of these, 4 mag fainter than the primary body, was observed on Sept. 17.1, 19.1, and 22.1 UT some 70″ west and 5″ south of the primary. The second additional component, 5 mag fainter than the primary body, was observed on Sept. 19.1 and 22.1 UT some 660″ west and 60″ south of the primary. Animations of the objects can be seen at `http://arthur.sewanee.edu/obsv/view.php`. Approximate ephemerides for the additional components can be computed by applying corrections of $\Delta T = +0.014$ and $+0.133$ day, respectively, to the orbital elements for comet 205P on *MPC* 63822 (or the 2008 set on *MPEC* 2008-R78, where the provisional designation P/2008 R6 is used).

*COMET 29P/SCHWASSMANN-WACHMANN*

J. A. Henriquez, Tenerife, Canary Islands, reports an outburst of this comet from CCD images taken with a 0.2-m $f/9$ reflector; available magnitudes: Sept. 15.18 UT, 14.8; 21.2, 11.3 (stellar appearance).

2008 September 22  *Daniel W. E. Green*