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COMET C/2005 S3 (READ)

Michael T. Read reports his discovery of a comet (tabulated below) on CCD images taken with the 0.9-m *f*/3 Spacewatch reflector, the object being diffuse with a long tail toward the southwest. Several other observers have noted the object's cometary appearance on their CCD images, including J. Lacruz (La Cañada, Spain, 0.30-m reflector, Oct. 1.0 UT; 22″ tail in p.a. 250°), P. Birtwhistle (Great Shefford, U.K., 0.40-m reflector, Oct. 1.11–1.16; very concentrated nuclear condensation 4″ in dia, with a faint coma of diameter 8″ and a straight, thin tail 48″ long in p.a. 252°), E. J. Christensen (Mt. Lemmon, 1.5-m reflector, four 30-s co-added exposures, Oct. 1.4; well-condensed 5″ coma of mag 18.5 with a 25″ tail in p.a. 240°–250°), J. E. McGaha (Tucson, 0.62-m reflector, Oct. 1.4; 4″ × 6″ coma elongated with narrow, curved 20″ tail in p.a. 245°), and J. Young (Table Mountain, 0.6-m reflector, Oct. 1.4; bright diffuse coma of diameter 6″ and 20″ fan-shaped tail spanning p.a. 245°–265°).

2005 UT	α_{2000}	δ_{2000}	Mag.
Sept.30.41409	$2^h27^m29^s.77$	$+19^\circ18'27''.3$	19.2

The available astrometry and the following preliminary parabolic orbital elements appear on *MPEC* 2005-T11; the comet is likely of short period.

$$T = 2005\ \text{May}\ 16.916\ \text{TT} \qquad \left.\begin{array}{l}\omega = 55^\circ.964\\ \Omega = 288.535\\ i = 3.139\end{array}\right\}2000.0$$
$$q = 2.42927\ \text{AU}$$

SUPERNOVAE 2005eq, 2005er, AND 2005es

Further to *IAUC* 8605, N. Ponticello, E. Lee, and W. Li report the LOSS discovery of three apparent supernovae on unfiltered KAIT images:

SN	2005 UT	α_{2000}	δ_{2000}	Mag.	*Offset*
2005eq	Sept. 30.40	$3^h08^m49^s.31$	$-7^\circ01'59''.7$	17.4	15″.9 E, 26″.3 N
2005er	Sept. 29.22	22 50 00.84	+11 37 05.7	18.7	91″.1 E, 34″ N
2005es	Sept. 30.25	23 25 47.62	+ 8 02 17.3	18.4	2″.6 W, 8″.3 S

Additional magnitudes: SN 2005eq in MCG –01-9-6, Sept. 15.39 UT, [19.0; Oct. 1.39, 17.2. SN 2005er in NGC 7385, Sept. 8.21, [19.5; 13.23, [19.0; 24.22, [18.0; Oct. 1.23, 18.4. SN 2005es in MCG +01-59-79, Sept. 11.23, [19.5; 21.24, [18.0; Oct. 1.26, 18.7.

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