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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; $4'' \times 6''$ 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	$2^{\mathrm{h}}27^{\mathrm{m}}29^{\mathrm{s}}77$	$+19^{\circ}18'27''_{3}$	19.2

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

SUPERNOVAE 2005eg, 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.	$O\!f\!f\!set$
2005eq	Sept. 30.40	$3^{^{\mathrm{h}}}\!08^{^{\mathrm{m}}}\!49^{^{\mathrm{s}}}\!31$	$-7^{\circ}01^{'}59\overset{''}{.7}$	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.