Circular No. 8592

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SUPERNOVAE 2005dq, 2005dr, 2005ds

Three apparent supernovae have been reported from unfiltered CCD images — 2005dq by M. Armstrong (cf. *IAUC* 8406) and the other two by D. R. Madison, R. R. Prasad, and W. Li (LOSS/KAIT; cf. *IAUC* 8590).

SN	2005 UT	α_{2000}	δ_{2000}	Mag.	*Offset*
2005dq	Aug. 30.086	$22^h44^m46^s.45$	$+33^\circ27'37''.6$	17.9	$9''.4$ E, $0''.5$ S
2005dr	Aug. 29.51	5 02 17.18	+ 7 38 21.4	18.5	$12''.0$ W, $12''.0$ N
2005ds	Aug. 31.21	17 57 39.89	+27 50 18.4	18.7	$14''.4$ W, $13''.1$ N

Additional approximate magnitudes from the respective observers: 2005dq in UGC 12177, 1991 Sept. 13, [20.8 (Palomar Sky Survey red plate); 1992 Oct. 19, [22.5 (POSS blue plate); 2003 Sept. 21, [19.5 (Armstrong); 2005 Aug. 30.895 UT, 17.9. 2005dr in UGC 3229, 2004 Mar. 8.18, [19.5; 2005 Aug. 31.49, 18.6. 2005ds in UGC 11064, Aug. 22.21, [19.5; 26.19, [19.0; Sept. 1.20, 18.5.

(76818) 2000 RG_{79}

B. D. Warner, Colorado Springs, CO; P. Pravec, Ondřejov Observatory; and D. Pray, Coventry, RI, report that photometric observations obtained during Aug. 7–28 show that the minor planet (76818) is a binary system with an orbital period of 14.125 ± 0.01 hr. The primary rotates with a period 3.1664 ± 0.0002 hr, and its lightcurve amplitude of 0.14 mag is indicative of a nearly spheroid shape. Mutual eclipse/occultation events that are ~ 0.14 mag deep indicate a secondary-to-primary mean-diameter ratio of 0.37 ± 0.03.

COMETS C/2005 Q2 AND C/2005 Q3 (SOHO)

Following are details on two additional comets found on SOHO C2-coronagraph website images (cf. *IAUC* 8585). C/2005 Q2 was a Meyer-group comet, reaching a magnitude of perhaps 6.5 and appearing stellar on all images except two or three, where it appeared elongated. C/2005 Q3 appears to be a non-group comet, peaking at mag perhaps 8.5 when it first entered the field-of-view, but then fading rapidly as it approached the sun.

Comet	2005 UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2005 Q2	Aug. 23.071	$10^h02^m.6$	$+13^\circ16'$	C2	TH	2005-R06
C/2005 Q3	30.104	10 28.3	+10 21	C2	TH	2005-R06

2005 September 1 *Daniel W. E. Green*