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V2575 OPHIUCHI

R. J. Rudy, D. K. Lynch, C. C. Venturini, S. Mazuk, D. Broadwater, and M. Cowan, The Aerospace Corporation; R. C. Puetter, University of California at San Diego; and R. B. Perry, Langley Research Center, NASA, report 0.47- to 2.5-μm spectroscopy of V2575 Oph (cf. *IAUC* 8671, 8710) on June 14.34 UT using the VNIRIS spectrograph on the Lick 3-m telescope. The nova shows strong H I and very strong He I emission with He II weakly present. The object is heavily reddened, with $E(B-V) = 1.5$ as deduced from the O I lines. [O I] and [N II] emission lines are present at the optical wavelengths. The permitted emission lines display broad, doubled profiles with FHWM $\sim$ 1700 km/s. The profiles of the forbidden lines are narrower (1100 km/s) and are not doubled. There is no evidence for emission from dust. The following magnitudes for V2575 Oph were determined from the spectroscopy: $V = 15.3$, $J = 10.7$, $H = 11.0$, $K = 10.1$.

SUPERNOVAE 2006dm, 2006dn, 2006do

Three additional supernovae have been discovered on unfiltered KAIT images taken in the course of the Lick Observatory Supernova Search (cf. *IAUC* 8727), as reported by J. Schwehr and W. Li:

SN	2006 UT	α_{2000}	δ_{2000}	Mag.	*Offset*
2006dm	July 3.44	$23^h41^m47^s.84$	$-\ 3^\circ40'08''.4$	17.3	$7''.6$ E, $6''.3$ S
2006dn	July 5.45	22 47 37.84	+39 52 46.8	17.8	$4''.5$ E, $2''.9$ N
2006do	July 5.48	23 32 03.08	–27 43 31.8	16.7	$5''.0$ W, $2''.4$ N

Additional KAIT magnitudes for 2006dm in MCG –01-60-21: June 21.49 UT, [18.5; July 4.49, 16.9. SN 2006dm is a type-Ia supernova that was discovered a few days before maximum light (cf. *CBET* 569, 570). Additional KAIT magnitudes for 2006dn in UGC 12188: 2005 Dec. 17.10, [19.0; 2006 June 9.49, [18.5; 26.49, 18.7. SN 2006dn is a type-Ib supernova, discovered around a week past maximum (cf. *CBET* 573). Additional KAIT magnitudes for 2006do in ESO 470-G18: 2005 Dec. 14.09, [19.0; 2006 June 24.49, [18.0; July 6.48, 16.7. SN 2006do is a type-Ia supernova, discovered a few days before maximum (cf. *CBET* 573).

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