Central Bureau for Astronomical Telegrams
INTERNATIONAL ASTRONOMICAL UNION
Mailstop 18, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.
IAUSUBS@CFA.HARVARD.EDU or FAX 617-495-7231 (subscriptions)
CBAT@CFA.HARVARD.EDU (science)
URL `http://www.cfa.harvard.edu/iau/cbat.html` ISSN 0081-0304
Phone 617-495-7440/7244/7444 (for emergency use only)

V390 NORMAE

D. K. Lynch, R. W. Russell, R. J. Rudy, and T. Prater, The Aerospace Corporation; and C. E. Woodward, University of Minnesota, report 0.8- to 5.5-μ spectroscopy of V390 Nor (cf. *IAUC* 8850) using the Infrared Telescope Facility's 3-m telescope (+ SpeX) on June 21 UT. V390 Nor is confirmed as a classical nova well into its emission-line phase. While the spectrum is dominated by low-excitation lines of H I, C I, N I, O I, and Ca II, He I features are already evident. Fe II emission is present but is not strong. Weak P-Cyg profiles extending to 1800 km/s from line center are present on the H I, He I, and O I lines and on the very strong Ca II infrared triplet. The reddening derived from the strong O I lines is $E(B-V) \approx 1.0$, and there is no evidence of dust in the nova shell.

SUPERNOVAE 2007cl, 2007cm, 2007cn, 2007co, 2007cp, 2007cq

Six additional apparent supernovae have been found on unfiltered CCD frames and given designations: 2007cl by T. Puckett and G. Sostero (cf. *IAUC* 8843); 2007cm by W. Kloehr (cf. *IAUC* 8789); 2007cn and 2007cp by W. Li and H. Khandrika (LOSS/KAIT; cf. *IAUC* 8843); 2007co by J. Nicolas (Vallauris, France); and 2007cq by T. Orff and J. Newton (cf. *IAUC* 8794). Discovery observations:

SN	2007 UT	α_{2000}	δ_{2000}	Mag.	*Offset*
2007cl	May 23.34	$17^h48^m21^s.19$	$+54°09'05''.2$	17.6	$3''.2$ W, $8''.2$ N
2007cm	May 24.02	12 42 45.18	+55 08 57.1	16.1	$21''.5$ E, $13''.5$ N
2007cn	May 29.48	22 13 55.79	+13 45 23.9	18.0	$2''.4$ W, $3''.9$ N
2007co	June 4.98	18 23 03.60	+29 53 49.6	16.6	$8''$ E, $15''$ S
2007cp	June 13.20	12 42 12.72	–17 24 07.7	17.7	$3''.8$ E, $5''.5$ N
2007cq	June 21.34	22 14 40.43	+ 5 04 48.9	15.8	$3''.3$ W, $5''.7$ N

Additional information is available on *Central Bureau Electronic Telegrams*: 2007cl in NGC 6479, *CBETs* 972, 974 (type-Ic, discovered a few days past maximum); 2007cm in NGC 4644, *CBETs* 973, 974 (young, type-IIn supernova); 2007cn in UGC 11953, *CBET* 975; 2007co in MCG +05-43-16, *CBETs* 977, 978 (type-Ia, discovered well before maximum); 2007cp in IC 807, *CBETs* 980, 981 (type-Ia); 2007cq, *CBET* 983. Note that 2007ck (cf. *IAUC* 8843) was discovered in MCG +05-43-16 only a couple of weeks before 2007co was found.

2007 June 22 *Daniel W. E. Green*