

**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://cfa-www.harvard.edu/iau/cbat.html> ISSN 0081-0304
Phone 617-495-7440/7244/7444 (for emergency use only)

SUPERNOVA 2005D IN UGC 3856

Further to *IAUC* 8459, J. Burket and W. Li report the LOSS discovery, on an unfiltered KAIT image taken on Jan. 13.35 UT, of an apparent supernova (mag ~ 18.4) located at $\alpha = 7^{\text{h}}26^{\text{m}}57\overset{\text{s}}{.}36$, $\delta = +20^{\circ}22'53\overset{\text{s}}{.}4$ (equinox 2000.0), which is $4''.8$ east and $37''.8$ north of the nucleus of UGC 3856. Additional KAIT magnitudes: 2004 Dec. 12.39, [20.5; 17.37, 19.4; 19.38, 19.9; 20.33, 19.7; 24.35, 19.4.

SUPERNOVAE 2004ha–2004hs

S. Blondin, European Southern Observatory; and J. L. Prieto, Ohio State University, on behalf of the ESSENCE project (cf. *IAUC* 8427), report the discovery of 19 supernovae on multiple *R*- and *I*-band images taken at the Blanco 4-m telescope by project members. Spectroscopy was obtained with the Gemini North and South (+ GMOS), Keck I (+ LRIS), Magellan Baade (+ IMACS), and Magellan Clay (+ LDSS2) telescopes, showing each to be of type Ia except 2004ho (which is of type II).

SN	2004 UT	α_{2000}	δ_{2000}	<i>R</i>	<i>z</i>
2004ha	Nov. 6	2 04 ^h 27 ^m 00 ^s	$-4^{\circ}52'46\overset{\text{s}}{.}0$	23.0	0.5
2004hb	Nov. 6	2 08 09.70	$-4^{\circ}41'51.8$	23.4	0.7
2004hc	Nov. 12	23 24 32.67	$-8^{\circ}41'03.5$	23.3	0.7
2004hd	Nov. 14	2 08 48.21	$-4^{\circ}26'10.4$	22.5	0.5
2004he	Nov. 14	2 29 48.79	$-8^{\circ}20'45.9$	23.0	0.6
2004hf	Nov. 16	2 32 00.14	$-8^{\circ}42'23.8$	22.0	0.4
2004hg	Nov. 16	2 34 55.19	$-8^{\circ}30'43.6$	22.7	0.6
2004hh	Nov. 20	2 06 25.01	$-4^{\circ}38'04.0$	21.4	0.2
2004hi	Nov. 20	2 08 38.82	$-5^{\circ}08'11.7$	22.4	0.4
2004hj	Nov. 20	2 29 41.93	$-8^{\circ}43'49.4$	21.5	0.4
2004hk	Dec. 5	23 27 04.38	$-8^{\circ}38'45.1$	21.5	0.3
2004hl	Dec. 7	1 13 38.17	$-0^{\circ}27'39.0$	22.0	0.3
2004hm	Dec. 7	2 28 03.11	$-7^{\circ}42'29.7$	21.5	0.2
2004hn	Dec. 9	1 13 32.38	$+0^{\circ}37'15.3$	23.5	0.6
2004ho	Dec. 9	2 06 16.03	$-3^{\circ}52'27.7$	22.3	0.3
2004hp	Dec. 9	2 09 35.52	$-3^{\circ}46'23.5$	22.0	0.5
2004hq	Dec. 9	2 30 18.04	$-8^{\circ}22'25.0$	23.1	0.7
2004hr	Dec. 11	1 08 48.33	$+0^{\circ}00'49.5$	22.6	0.4
2004hs	Dec. 13	2 09 33.69	$-4^{\circ}13'04.0$	23.1	0.4