

**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)

SUPERNOVAE 2006fo AND 2006le–2006lu

Further to *IAUC* 8766, seven apparent supernovae have been reported from unfiltered CCD images: 2006le, 2006lf, 2006lg, 2006li, and 2006lu by R. R. Prasad, N. Joubert, M. Baek, and W. Li (LOSS/KAIT); and 2006lh and 2006lt by the “Nearby Supernova Factory” collaboration (details on *CBETs* 708 and 714).

SN	2006 UT	α_{2000}	δ_{2000}	Mag.	Offset
2006le	Oct. 26.44	5 ^h 00 ^m 41. ^s 99	+62°15′19″.0	18.0	12″.4 W, 40″.1 N
2006lf	Oct. 26.43	4 38 29.49	+44 02 01.5	18.0	13″.0 E, 12″.1 S
2006lg	Oct. 25.38	2 46 57.64	+39 00 40.0	18.8	0″.6 W, 4″.8 S
2006lh	Oct. 24.2	23 26 51.60	+ 9 19 57.6	19.4	—
2006li	Oct. 28.49	7 05 33.33	+33 50 01.3	19.4	3″.3 W, 20″.4 N
2006lt	Oct. 11.4	2 16 59.89	+30 41 57.4	19.1	—
2006lu	Oct. 30.55	9 15 17.63	−25 36 00.3	17.6	6″.0 E, 0″.5 S

Additional KAIT magnitudes for 2006le in UGC 3218: Oct. 19.44 UT, [19.1; 25.45, 18.5; 27.51, 17.6. SN 2006le is a type-Ia supernova, well before maximum light on Oct. 27 (details on *CBET* 702). Additional KAIT magnitudes for 2006lf in UGC 3108: Oct. 19.43, [19.3; 27.51, 17.6. SN 2006lf is a type-Ia supernova, around 1 week before maximum light on Oct. 28 (details on *CBET* 705). Additional KAIT magnitudes for 2006lg in UGC 2243: Oct. 1.38, [19.0; 26.36, 18.4; 28.34, 18.5. SN 2006lg is a type-II supernova (details on *CBET* 707). A spectrogram obtained on Oct. 28 showed 2006lh to be a young type-II supernova (details on *CBET* 708). Additional magnitudes for 2006li in UGC 3664: 1989 Oct. 28, [21.0 (Digitized Sky Survey red plate); 2003 Oct. 22.52, 19.8 (KAIT); 2006 Oct. 29.52, 19.4 (KAIT). A spectrogram obtained on Oct. 13 suggests that 2006lt was then already a late type-Ib supernova. Additional magnitudes for 2006lu: May 4.12, [18.8 (KAIT); Nov. 1.35, $r = 17.51 \pm 0.03$ (W. Krzeminsky and C. Contreras, on behalf of the Carnegie Supernova Project; Las Campanas Observatory 1-m Swope telescope).

J. Frieman, on behalf of the Sloan Digital Sky Survey II collaboration, has further reported ten additional faint supernovae (2006lj–2006ls; magnitude range: $g = 21.3$ – 23.5); details are given on *CBET* 713. Frieman’s group has also noted that further analysis of the spectrum of 2006fo (cf. *IAUC* 8750) shows it to be consistent with a type-Ic supernova, with features similar to that of 1999ex (details on *CBET* 643).