

**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)

*SUPERNOVAE 2007gw–2007kd*

Further to *IAUC* 8874, published data for objects not yet spectroscopically confirmed appear on the specified *CBETs*: 2007gw in NGC 4161, *CBET* 1042 (*Corrigendum to CBET* 1042: 2006dk was a type-II supernova); 2007ig in MCG -01-5-2, *CBET* 1060; 2007iq in UGC 3416, *CBET* 1064; 2007iw in ESO 325-43, *CBET* 1071; 2007kc in UGC 8400, *CBET* 1082; 2007kd in MCG +6-21-36, *CBET* 1083. The spectral type of 2007ir in UGC 2033 is unknown (cf. *CBETs* 1067, 1077). Data for type-Ia supernovae: 2007hj in NGC 7461, *CBET* 1048; 2007hu in NGC 6261, *CBETs* 1056, 1058; 2007if, *CBET* 1059; 2007is in UGC 10553, *CBETs* 1067, 1075. SN 2007hb in NGC 819 is a type-Ib/c supernova (cf. *CBETs* 1043, 1066, 1067). Data for type-II supernovae: 2007hv in UGC 2858 (*CBETs* 1056 and 1058); 2007il in IC 1704, *CBET* 1062; 2007it in NGC 5530, *CBETs* 1065, 1068; 2007iv in UGC 12917, *CBETs* 1070, 1072. Prediscovery *V* magnitudes of 2007it from G. Pojmanski (Warsaw University Astronomical Observatory) from All Sky Automated Survey images, somewhat affected by light from the galactic core: Sept. 4.008 UT, [14; 5.994, 12.4; 6.014, 12.0; 8.036, 12.4; 11.027, 12.1; 12.983, 12.3. SNe 2007gx, 2007hl, and 2007hn are also of type Ib or Ic; 2007gy, 2007gz, 2007hc, 2007hi, 2007hm, 2007hr, 2007hs, 2007hw, 2007ib, 2007iu, 2007iz, 2007ja, 2007jf, 2007jm, and 2007jn are of also of type II; the remainder are type-Ia supernovae. SN 2007iu is 10".3 west and 1".3 north of the center of the apparent host galaxy (which is *not* a star, as stated on *CBET* 1069). Objects questioned as possible type-Ia supernovae include 2007ie, 2007ii, 2007jc, and 2007jv. Objects questioned as possible type-Ib or -Ic supernovae include 2007jc, 2007ju, and 2007jy.

*SUPERNOVAE 2007ke, 2007kf, 2007kg, 2007kh*

Four additional apparent supernovae have been found on unfiltered CCD images: 2007ke in NGC 1129 by J. Chu and W. Li (LOSS/KAIT; details on *CBET* 1084); 2007kf by W. Kloehr (cf. *IAUC* 8851; details on *CBET* 1085); 2007kg by H. Mikuž (cf. *IAUC* 8834; details on *CBET* 1086); and type-Ia SN 2007kh by F. Yuan *et al.* (details on *CBET* 1089). Discovery observations tabulated for those objects reported to be around mag 17:

SN	2007 UT	$\alpha_{2000}$	$\delta_{2000}$	Mag.	Offset
2007kf	Sept. 22.93	17 <sup>h</sup> 31 <sup>m</sup> 31 <sup>s</sup> .76	+69°18'40".1	17.0	2".2 E, 4".9 S
2007kg	Sept. 22.90	23 58 37.43	+60 59 06.7	17.1	7" E, 6" N