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SUPERNOVA 2015Q IN NGC 3888 = PSN J11473508+5558147

P. Wiggins, Tooele, UT, USA, reports his discovery of an apparent supernova (mag about 16.0) on an unfiltered CCD frame taken June 17.299 UT using a 0.35-m f/5.5 reflector near Erda, Utah. The new object is located at R.A. = 11h47m35s.08, Decl. = +55d58'14".7 (equinox 2000.0), just north of the center of NGC 3888. Wiggins notes that nothing was visible at this position on an image taken on June 14 (no limiting magnitude provided). The discovery image was posted at URL [http://www.slas.us/gallery2/main.php?q2\\_itemId=6246](http://www.slas.us/gallery2/main.php?q2_itemId=6246). The variable was designated PSN J11473508+5558147 when it was posted at the Central Bureau's TOCP webpage and is here designated SN 2015Q based on the spectroscopic confirmation reported below. Additional CCD magnitudes for 2015Q: June 18.898, 16.3 (G. Masi; remotely using a 43-cm telescope at Ceccano, Italy; position end figures 35s.08, 14".7); 19.235, 17.4 (J. Brimacombe, Cairns, Australia; position end figures 35s.22, 15".2; image posted at URL <https://www.flickr.com/photos/43846774@N02/18981738816/>); 19.905, 16.3 (R. Belligoli, F. Castellani, and C. Marangoni, Verona, Italy; Ritchey-Chretien 0.4-m reflector; position end figures 35s.06, 15".3; offset 5".6 east, 12".9 north; image posted via URL <http://tinyurl.com/nnj3nnf>).

D. C. Leonard, San Diego State University; P. Sheehan and D. McCarthy, University of Arizona; K. Follette, Stanford University; J. Moustakas, Siena College; and D. Cantillo, A. Cazares-Kelly, S. Cazares-Kelly, Y. Cendes, N. Damm, A. Donati, E. Douglas, L. Ferrell, H. Fosbinder-Elkins, C. Fox, M. Greenberg, K. Hart, H. Hensley, A. Holt, E. Hooper, C. Juran, J. Keane, K. Key, L. Korus, T. Lee, K. Leidig, E. Merchak, K. Nessmann, S. Pendyala, S. Pirkel, J. Reeder, A. Roos, S. Rounseville, E. Ruddy, A. Schlingman, W. Schlingman, W. M. Schlingman, E. Schwartzman, V. Shanmugam, E. Silver, A. Stein, N. Stock, B. Svoboda, B. Thomas, N. Thomas, K. Thompson-Taylor, and H. Walton, 2015 Advanced Teen Astronomy Camp, report on optical spectroscopy of PSN J11473508+5558147 = SN 2015Q through inspection of a low-dispersion optical spectrogram (range 370-680 nm; resolution 0.8 nm) obtained with the 2.3-m Bok telescope (+ Boller & Chivens spectrograph) at Kitt Peak on June 21 UT. PSN J11473508+5558147 = SN 2015Q is a type-Ib supernova; cross-correlation with a library of supernova spectra using the comparison tool GELATO (Harutyunyan et al. 2008, A.Ap. 488, 383) finds good matches with near-maximum type-Ib supernovae at a redshift of 0.008, consistent with the NED redshift of the putative host galaxy, NGC 3888 (de Vaucouleurs et al. 1991, RC3 catalogue).

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