January 01, 2008

Observations report: GSC 04556-01113

Other names: GSC 04556-01113, TYC 4556-1113-1

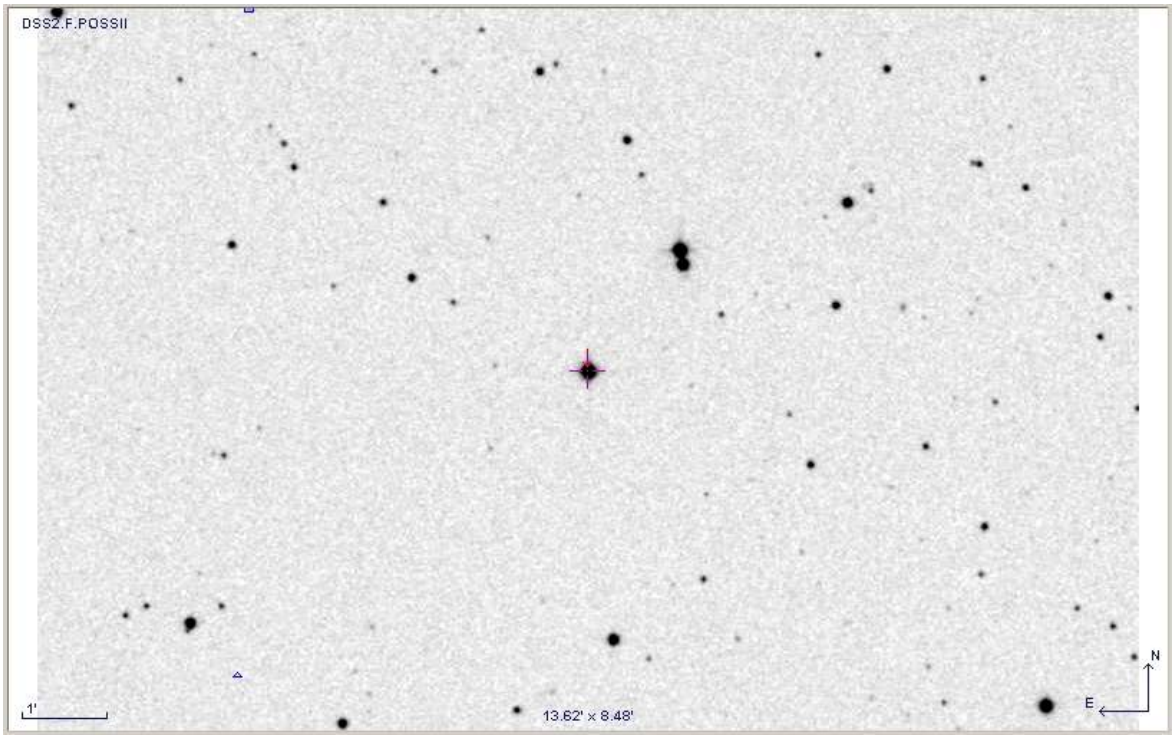
Observer: Gregor Srdoc

Abstract

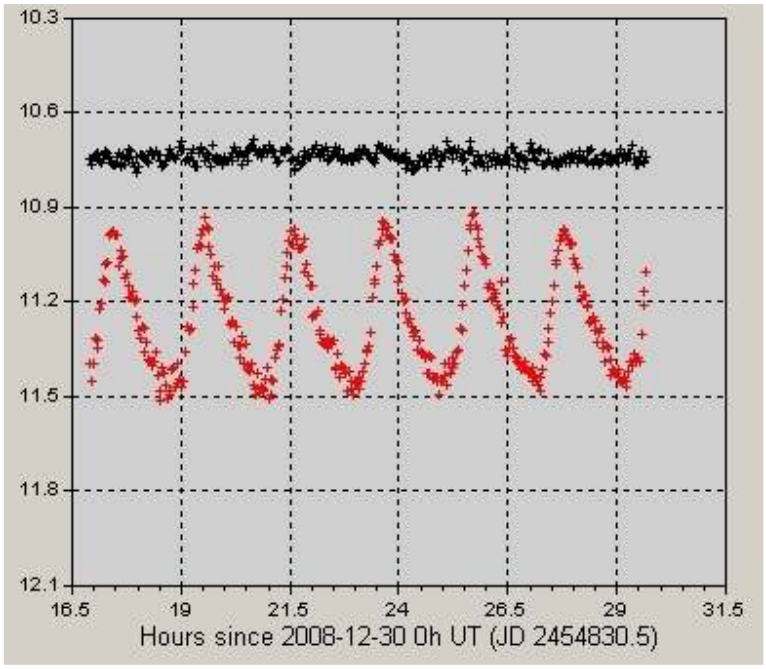
New SXPHE type variable GSC 04556-01113 in constellation Camelopardalis.

A new variable star GSC 04556-01113 (V = 11.77) in Camelopardalis with coordinates RA=12 03 17.4, DEC=+80 33 43 (J2000) was found on CMOS images obtained with the 180mm f/2.8 telephoto lens (aperture=64mm) with unfiltered Canon EOS 400D camera. All images were bias, dark and flat subtracted. 356 photometric observations were acquired during one night on 2008.12.30. The exposure time was 120 seconds. JDCor: +0 sec. Data analysis give the period P = 0.0865d ±0.0031d. Mean amplitude is 0.378mag and epoch JD 2454831.2049.

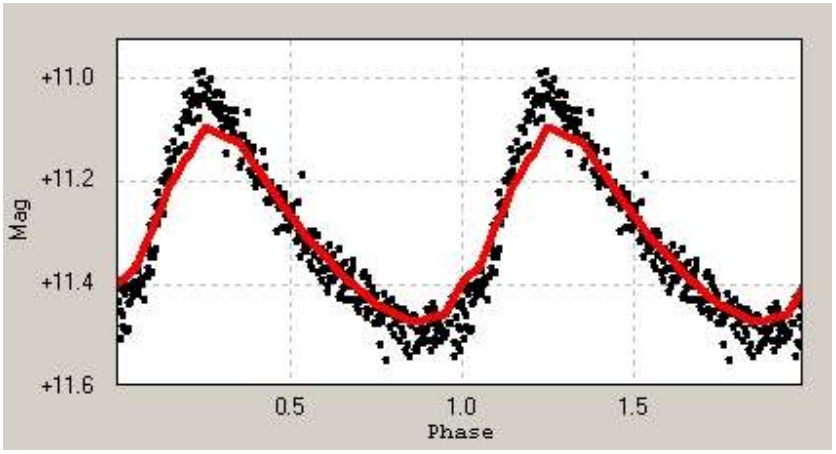
Finder chart:



2008.12.30 light curve of GSC 04556-01113 (red) and check star GSC 04553-00689 (black):



GSC 04556-01113 phase plot:



GSC 04556-01113 period:

