

# 522 Helga & S01b 11214

2013 jan 8 9<sup>h</sup> 3.3<sup>m</sup> U.T.

**Planet:**  $a = 3.63, e = 0.08$   
 V. mag. = 16.00 Diam. = 113.0 km = 0.05"  
 $\mu = 32.29''/h$   $\pi = 2.56''$  Ref. = EG2011

**Star:** Source cat. PPMXL  
 $\alpha = 0^h30^m37.450^s$   $\delta = -1^\circ25'56.23''$   
 Rmag = 12.15 Bmag = 12.68

$\Delta m = 4.1$  Max. dur. = 5.1s

Sun : 78° Moon : 126° , 16%

