

# 451 Patientia & PPMX 7273513

2014 may 23 1<sup>h</sup>23.0<sup>m</sup> U.T.

**Planet:** a = 3.06, e = 0.07  
 V. mag. = 11.97 Diam. = 230.0 km = 0.13"  
 $\mu$  = 16.09"/h  $\pi$  = 3.50" Ref. = EG2012

**Star:** Source cat. PPMX  
 $\alpha$  = 13<sup>h</sup>07<sup>m</sup>33.653<sup>s</sup>  $\delta$  = +12°05'07.20"  
 Vmag = 12.13 mag =

$\Delta m$  = 0.7 Max. dur. = 28.2s

Sun : 126° Moon : 152° , 33%

