

# 4 Vesta & N20c 113896

2013 feb 17 20<sup>h</sup> 3.6<sup>m</sup> U.T.

**Planet:**  $a = 2.36, e = 0.09$   
 V. mag. = 7.77    Diam. = 501.0 km = 0.32"  
 $\mu = 22.73''/h$      $\pi = 4.07''$     Ref. = EG2011

**Star:**    Source cat. PPMXL  
 $\alpha = 4^h40^m01.964^s$      $\delta = +20^\circ37'50.23''$   
 Rmag = 11.37    Imag = 10.71

$\Delta m = 0.0$     Max. dur. = 50.7s    Sun : 102°    Moon : 12° , 50%

