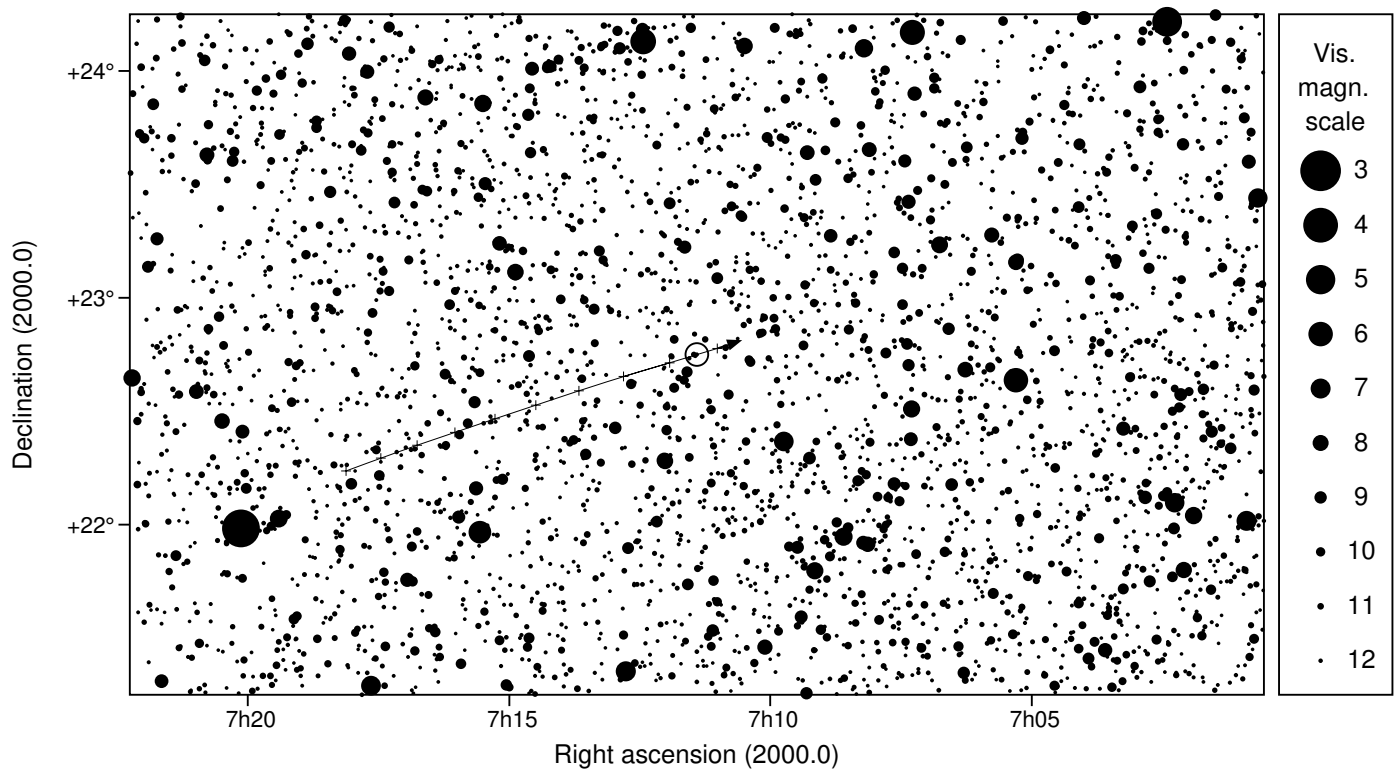
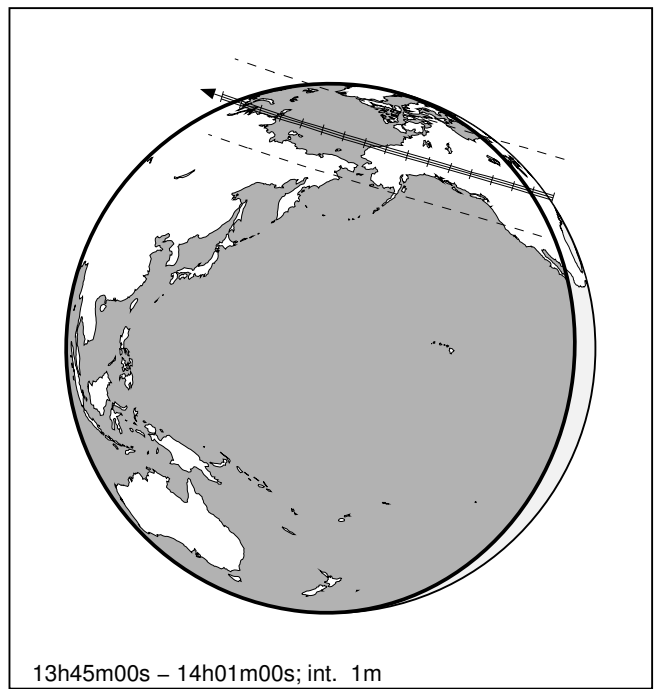
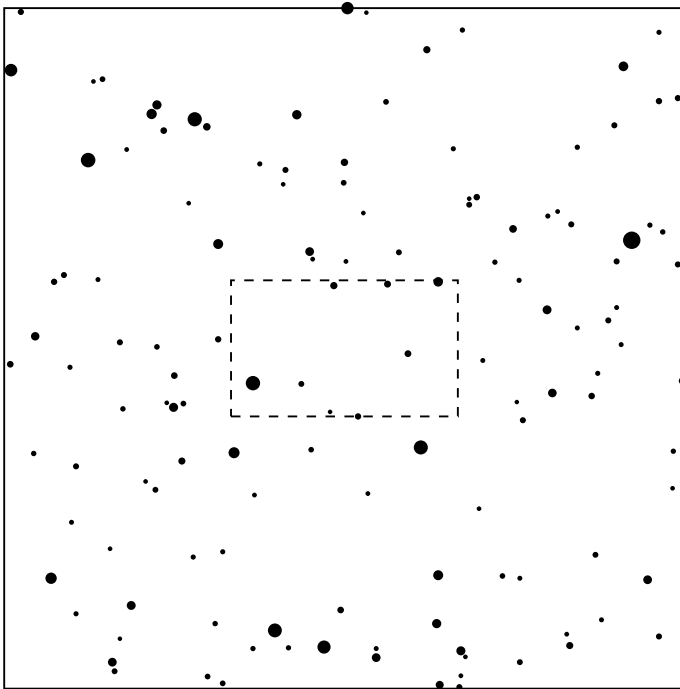


# 40 Harmonia & PPMX 5072092

2025 dec 15 13<sup>h</sup>52.8<sup>m</sup> U.T.

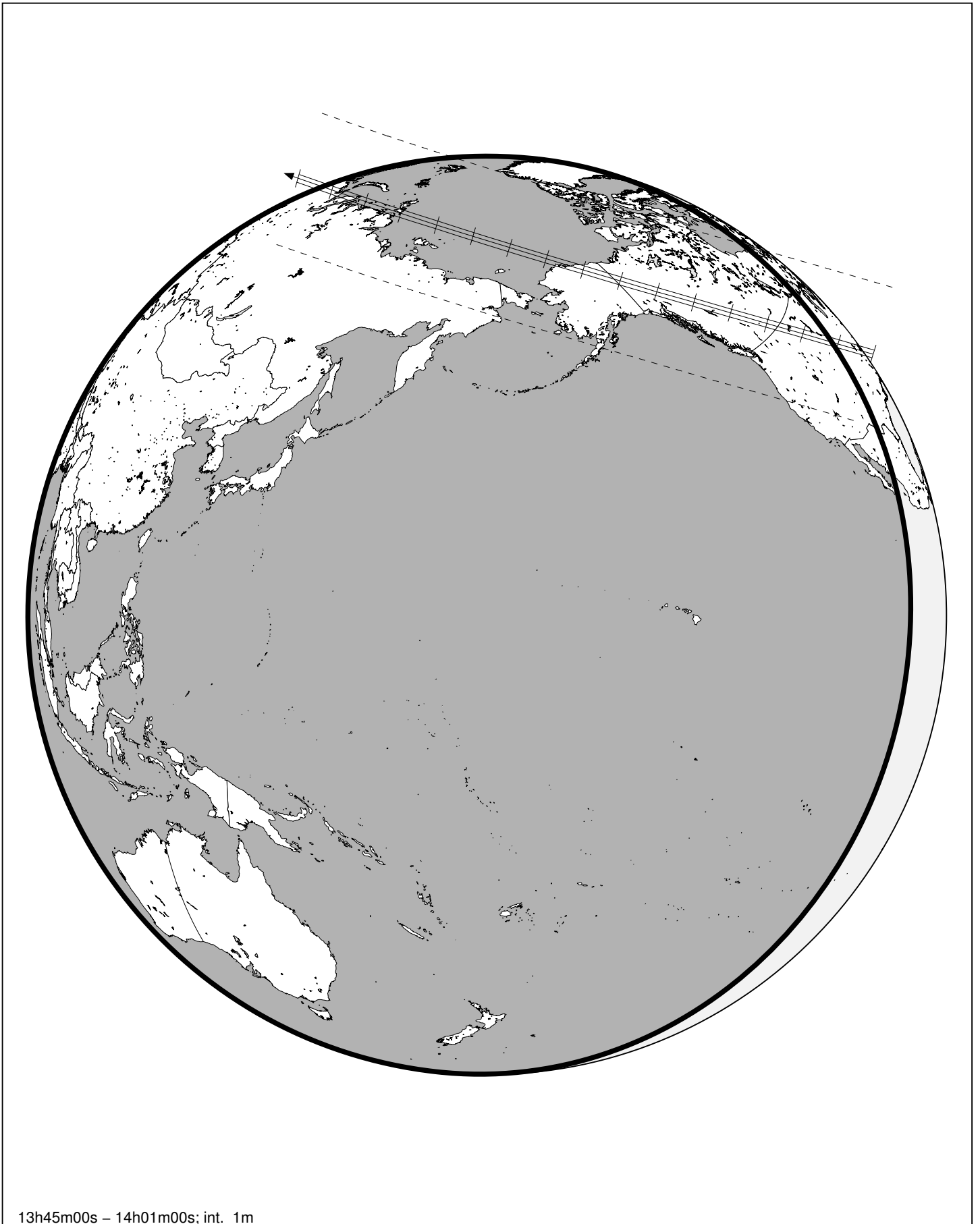
**Planet:**  $a = 2.27$ ,  $e = 0.05$   
 V. mag. = 10.03    Diam. = 111.0 km = 0.12"  
 $\mu = 32.86''/h$      $\pi = 6.62''$     Ref. = EG2023  
 $\Delta m = 0.1$     Max. dur. = 12.6s

**Star:**    Source cat. PPMX  
 $\alpha = 7^h 11^m 24.483^s$      $\delta = +22^\circ 44' 57.06''$   
 Vmag = 12.17    mag =  
 Sun : 157°    Moon : 108° , 17%



# 40 Harmonia & PPMX 5072092

2025 dec 15 13<sup>h</sup>52.8<sup>m</sup> U.T.



13h45m00s – 14h01m00s; int. 1m