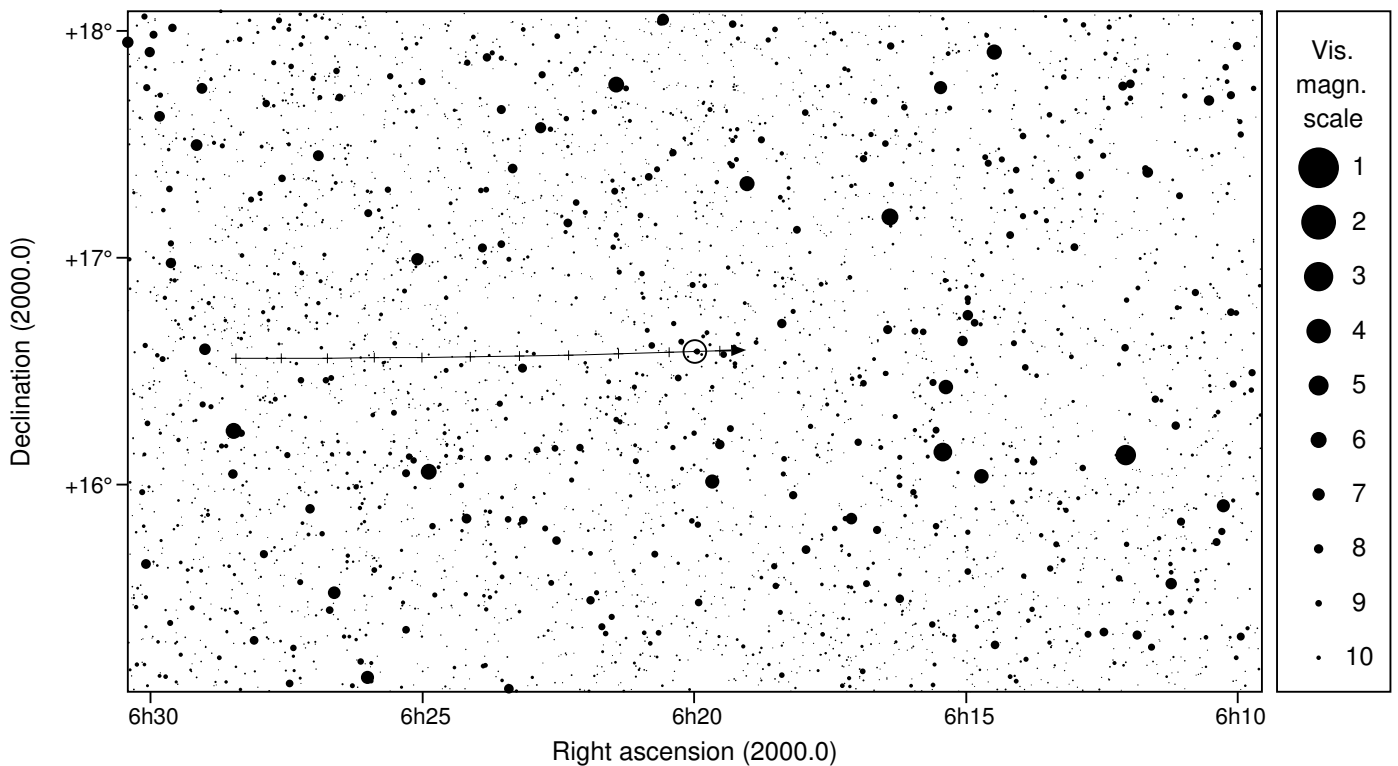
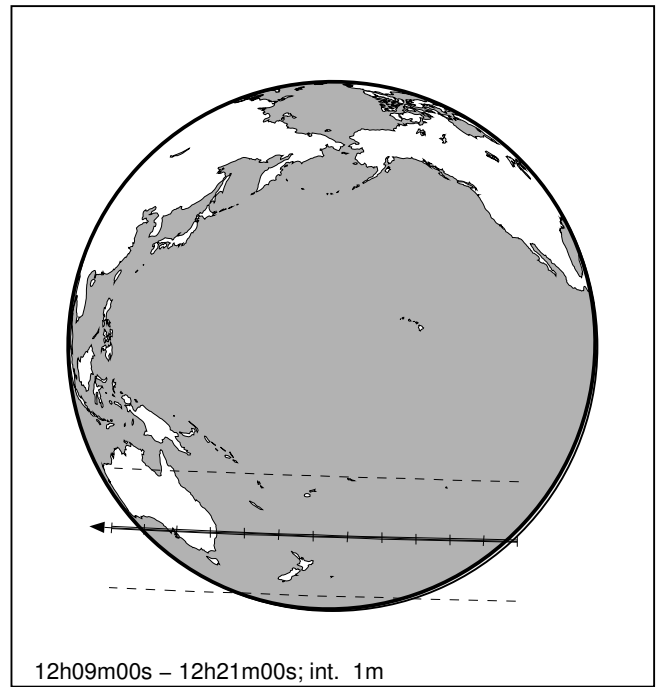
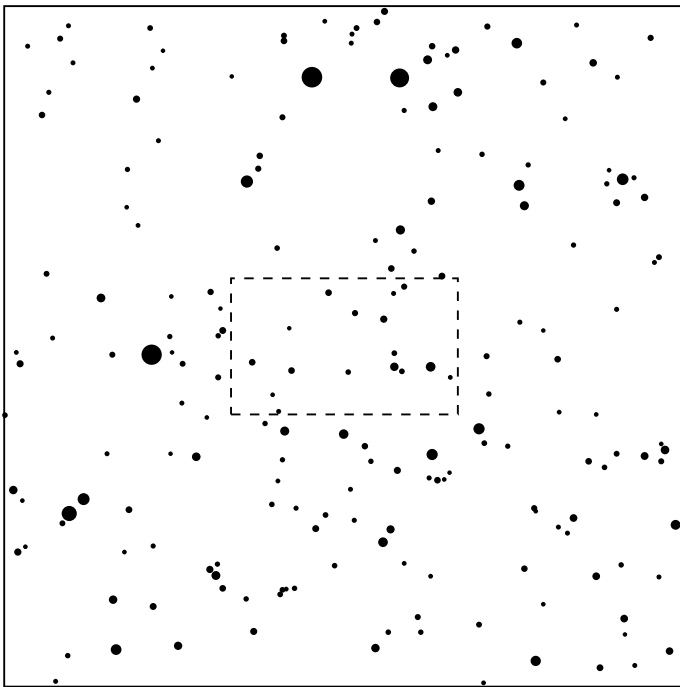


125 Liberatrix & TYC 1315-00303-1

2023 dec 19 12^h14.6^m U.T.

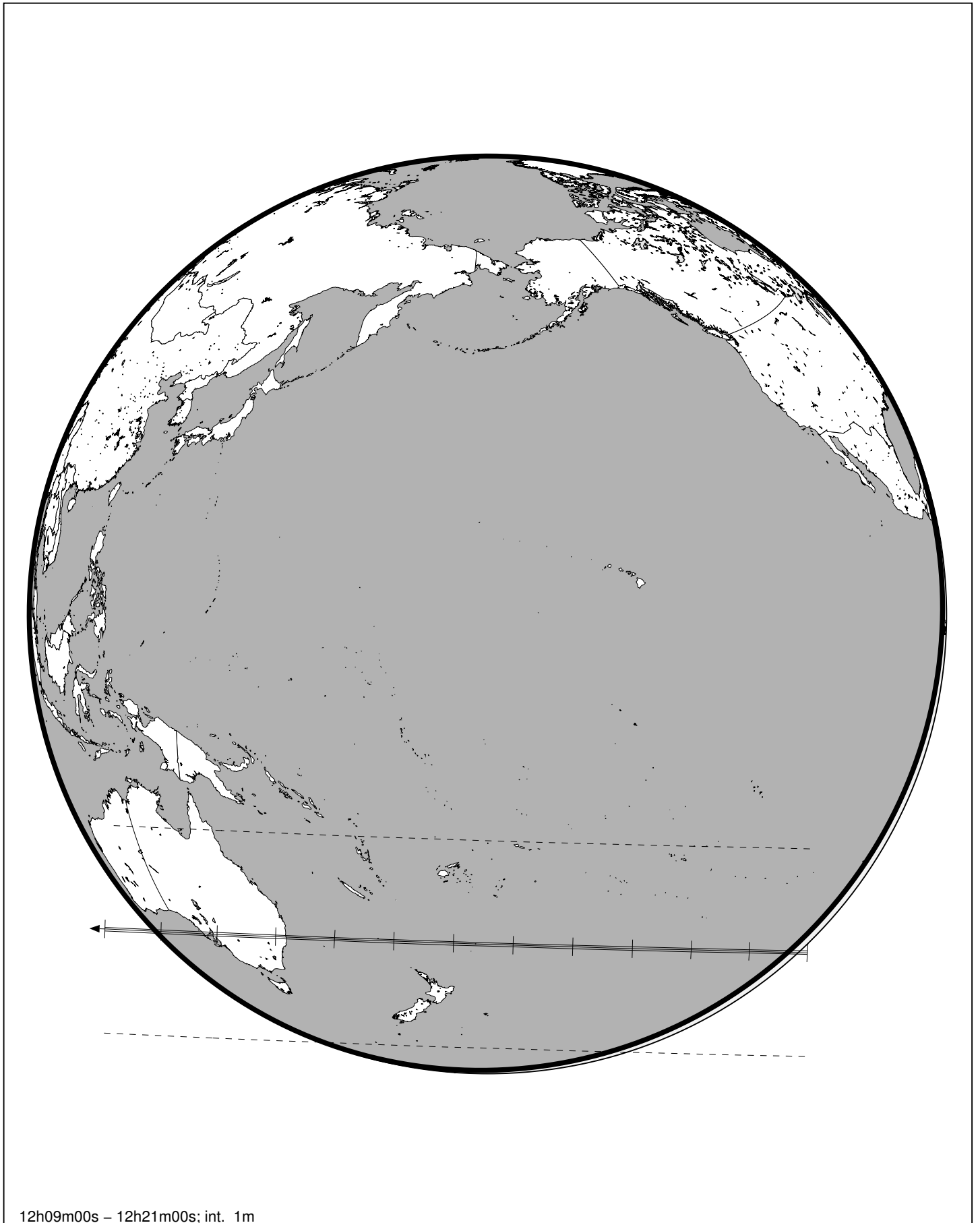
Planet: $a = 2.74$, $e = 0.08$
 V. mag. = 13.15 Diam. = 47.5 km = 0.03"
 $\mu = 33.54"/h$ $\pi = 4.42''$ Ref. = EG2021
 $\Delta m = 2.4$ Max. dur. = 3.5s

Star: Source cat. EDR3
 $\alpha = 6^h19^m59.272^s$ $\delta = +16^\circ35'12.65''$
 Vmag = 10.87 Bmag = 11.03
 Sun : 169° Moon : 101°, 47%



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2023 dec 19 12^h14.6^m U.T.



12h09m00s – 12h21m00s; int. 1m