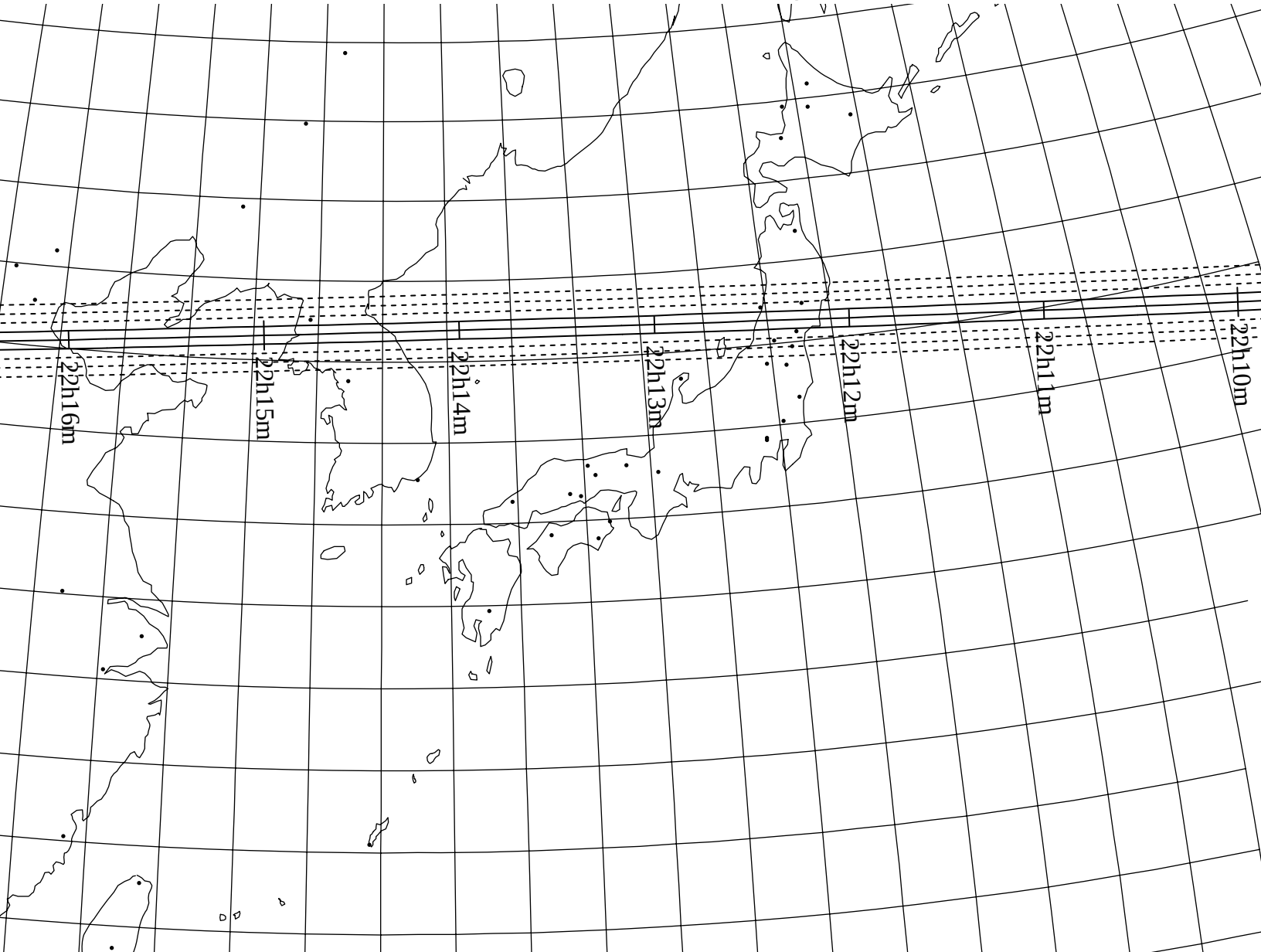
2019. 2. 7. (Thu) 22h12m JST
TYC 190600661 by (1439) Vogtia

Asteroid :	Diam. = 48 km		Star :	R.A.2000 = 06h54m57.0414s	± 0.001"
	= 0.024"			Dec.2000 = +28°12'09.367"	± 0.001"
	error = 0.012"			Mv. = 9.66 mag	
	Mv. = 16.0 mag			Sp. type =	
	Vra = -369"/day			Var. = - mag	
	Vdec = -12"/day			Sep. =	
	dist. = 2.72687au			PA =	
	group = Hilda			dmag =	
Sun :	elong. = 144°		Partial duration =		
Moon :	elong. = 116°		Diffraction 1/4 time = 0.040 sec		
	sunlit = +6 %		Extinct. :	Dur. = 5.7 sec	
Cond. :	score = 92 pt.			drop = 6.3 mag	

Visibility :	centerline = 67.62%	±0.5sigma = 30.18%	±2.0sigma = 2.27%
	±0.5 r = 61.96%	±1.0sigma = 15.72%	±2.5sigma = 0.62%
	N/S edge = 47.58%	±1.5sigma = 6.66%	±3.0sigma = 0.13%

22h02m10s - 22h26m50s step 1 min.