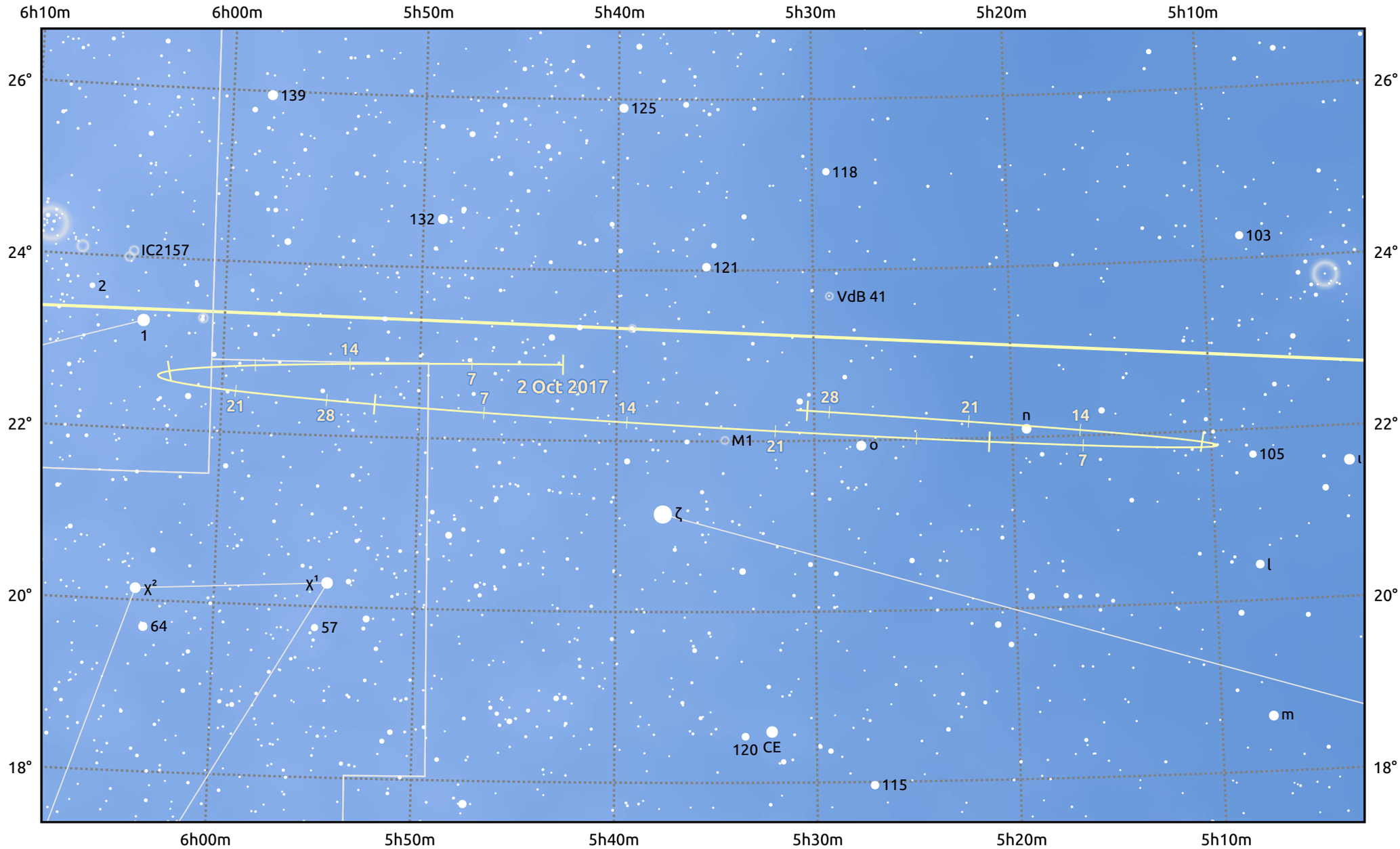
The path of Asteroid 20 Massalia around opposition on 16 Dec 2017



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Magnitude scale: 10.0 9.0 8.0 7.0 6.0 5.0 4.0 3.0

Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster Planetary nebula

Date	Mag	Phase
2017 Nov 1	9.9	96%
2017 Nov 14	9.5	98%
2017 Dec 1	9.0	99%
2017 Dec 15	8.5	100%
2018 Jan 1	9.0	99%
2018 Jan 20	9.5	97%
2018 Feb 1	9.8	96%
2018 Mar 1	10.4	94%