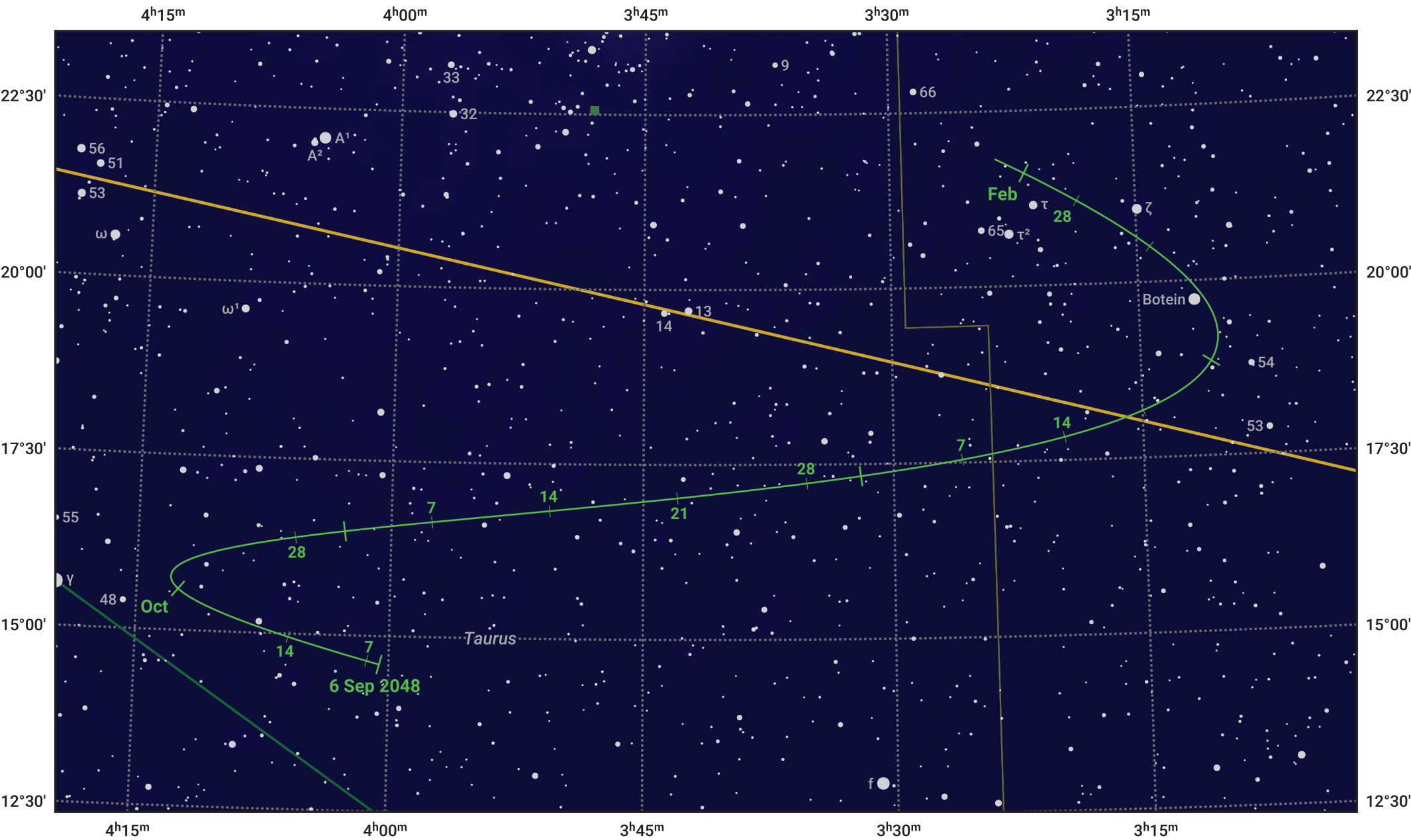
# The path of Asteroid 23 Thalia around opposition on 20 Nov 2048

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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

| Date | Mag | Phase |
|---|---|---|
| 2048 Oct 1 | 11.3 | 97% |
| 2048 Oct 18 | 10.8 | 98% |
| 2048 Nov 1 | 10.4 | 99% |
| 2048 Nov 18 | 9.8 | 100% |
| 2048 Dec 1 | 10.0 | 100% |
| 2049 Jan 1 | 10.7 | 97% |
| 2049 Jan 7 | 10.8 | 96% |
| 2049 Feb 1 | 11.2 | 95% |