

***** Asteroid occultation Report *****

[Date] 2025.3.22 [Approx hour] 13.7
 [Star] UCAC4 633-029821 VMag=13.88 RMag=13.14
 [Asteroid] (1013)Tombecka 14.51 mag,
 [Observer] 1: Ida Miyoshi 2:
 [Location] Taga, Shiga, JP
 [Longitude] 136o16'41.4" E
 [Latitude] 35o12'58.8" N
 [Altitude] 122m
 [Datum] WGS84

[Event time] D: 13h44m38.754s +/- 0.052s (UTC) S/N=4.99
 R: 13h44m39.772s +/- 0.077s (UTC) S/N=3.87

[Predicted Time error] 0.180 sec [RUWE] 0.95

[Recorded] From 13h43m1s
 To 13h46m1s

[Mag. drop] D: Measured: Mag Drop (measured): 1.48 Mag. ; Predicted: Mag Drop (predicted): 1.1 Mag.
 R: Measured: Mag Drop (measured): 1.44 Mag. ; Predicted: Mag Drop (predicted): 1.1 Mag.

[Telescope] Aperture: 20cm Type: SCT F=4.1

[Camera] Analog or Digital video, Model=ASI290MM

[Exposure] Set: 253.0msec, Measure: 253msec

[Setting] Area: 1440x500 ; Binning=2
 Gain: 410 ; Brightness: 159 ; High Speed Mode: Off

[Time keep] GPS ; Model: GT502MGG

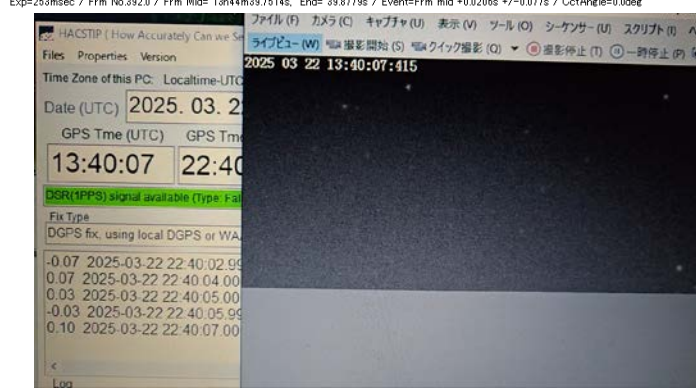
[Evidence] GPS Time Log : ; Screen shot:

[Condition] Stability: Slight flickering Transparency: Clear

[Remarks]

[Additional comment]

観測地 滋賀県多賀町敏満寺
 北緯 35 度 12 分 58.8 秒 東経 136 度 16 分 41.4 秒
 海拔 122m (国土地理院電子国土 Web より)



<Observations>

<Event>

<Date>2025|3|22|13.7</Date>

<Details>

<Star>UCAC4|633-029821|0||0.000000000|0.000000000|0.00|0.00|0.00|0|0.00000000|0.00000000|25.00|25.00|25.00|0</Star>

<Asteroid>1013|Tombecka|0.00000000|0.00000000|0.00000000|0.00000000|0.00000000|0.00000000|1.00000|0.00000|0.0|1.0|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Ida Miyoshi||0|Taga, Shiga|JP|+136 16 41.4|+35 12 58.8|122| |20|3|a|a</ID>

<Conditions>2|1|4.43||</Conditions>

<D>13 44 38.754|D|0.052|||</D>

<R>13 44 39.772|R|0.077|||</R>

</Observer>

</Observations>

<LastEdited>2023|7|17</LastEdited>

</Event>

</Observations>

Text-based Light curve

(1013)_20250322_134428_Ida_Miyoshi.dat

Date: 2025-3-22 13:44:28.87: 21.25: 85

Star: 0: 0: 0: 0-0-0: 633-029821

Observer: +136:16:41.4: +35:12:58.8: 122: Ida Miyoshi

Object: Asteroid: 1013: Tombecka

Values:315:543:410:550:618:620:705:634:472:626:644:496:398:619:591:559:727:799:670:602:530:769:630:673:650:621:665:563:666:482:684:632:730:605:684:714:778:723:413:416:301:144:173:341:663:653:806:746:741:505:472:916:850:574:633:522:642:449:466:495:611:472:568:649:674:563:532:674:830:672:436:693:656:444:607:508:523:729:694:545:665:746:526:569:663