

(65482) 2003BH63 occults UCAC4 382-134737 on 2025 Sep 26 from 12h32m to 12h40m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date ] 2025.9.26 [Approx hour] 12.6  
 [Star ] UCAC4 382-134737 VMag=12.88 RMag=12.23  
 [Asteroid ] (65482)2003 BH63 20.33 mag.

[Observer ] 1: Katsumasa Hosoi 2:  
 [Location ] Miharu, Fukushima, JP  
 [Longitude ] 140o26'04.2" E  
 [Latitude ] 37o25'36.7" N  
 [Altitude ] 274m  
 [Datum ] WGS84

[Event time] D: 12h38m07.032s +/- 0.045s (UTC) S/N=3.72 Ctt=74.0  
 R: 12h38m07.400s +/- 0.089s (UTC) S/N=2.61 Ctt=78.1  
 [Predicted Time error] 0.266 sec [RUWE] 1.10

[Recorded ] From 12h36m0s  
 To 12h40m20s

[Mag. drop ] D: Measured: Mag Drop (measured): 2.61 Mag. ;  
 Predicted: Mag Drop (predicted): 7.5 Mag. [for fitting]  
 R: Measured: Mag Drop (measured): 2.62 Mag. ;  
 Predicted: Mag Drop (predicted): 7.5 Mag. [for fitting]

[Telescope ] Aperture: 25cm Type: Newtonian F=4.0  
 [Camera ] Analog or Digital video, Model=ASI290MM  
 [Exposure ] Set: 90.3msec, Measure: 90.3msec  
 [Setting ] Area: 1280x680 ; Binning=2  
 Gain: 460 ; Brightness: 120 ; High Speed Mode: Off  
 [Time keep ] GPS ; Model: GHS-OSD  
 [Evidence ] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition ] Stability: Strong flickering Transparency: Star faint  
 [Remarks ]

[Additional comment]

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<Observations>

<Event>

<Date>2025|9|26|12.6</Date>

<Details>

<Star>UCAC4|382-134737|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>65482|2003 BH63|0.000000000|0.000000000|0.000000000|0.00000000|  
 0.00000000|0.00000000|1.000000|0.000000|0.01|0.10|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Katsumasa Hosoi|0|Miharu, Fukushima|JP|  
 +140 26 04.2|+37 25 36.7|274| |25|2|a|a</ID>

<Conditions>3|6|3.17||</Conditions>

<D>12 38 7.032|D|0.045||</D>

<R>12 38 7.400|R|0.089||</R>

</Observer>

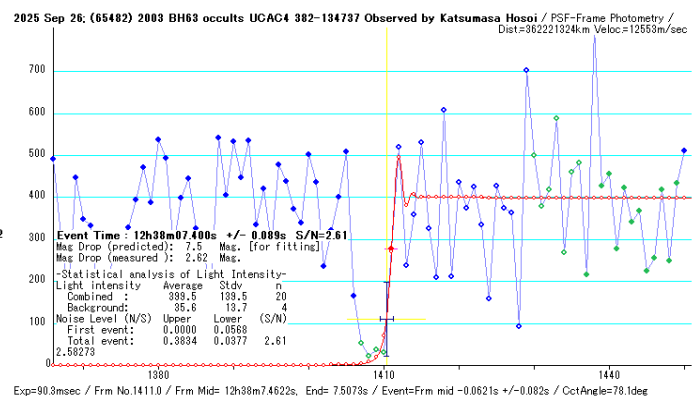
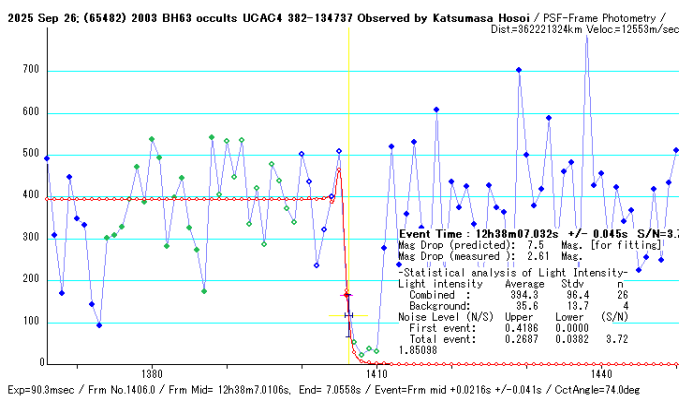
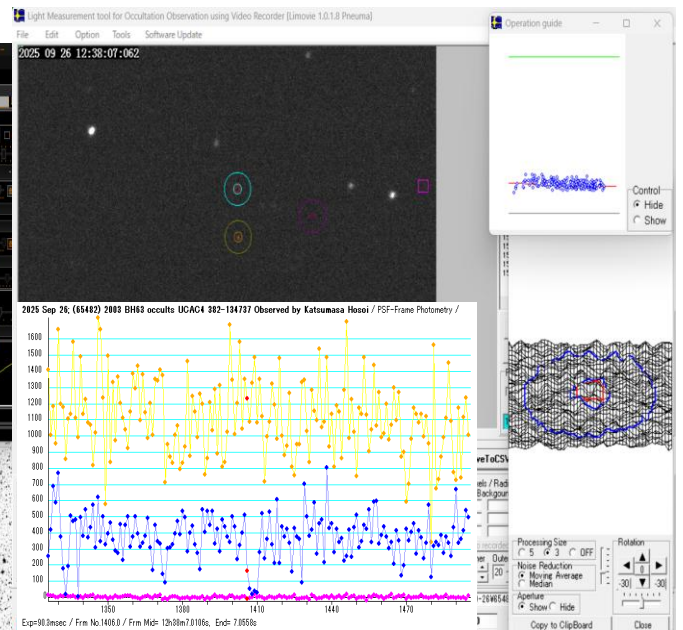
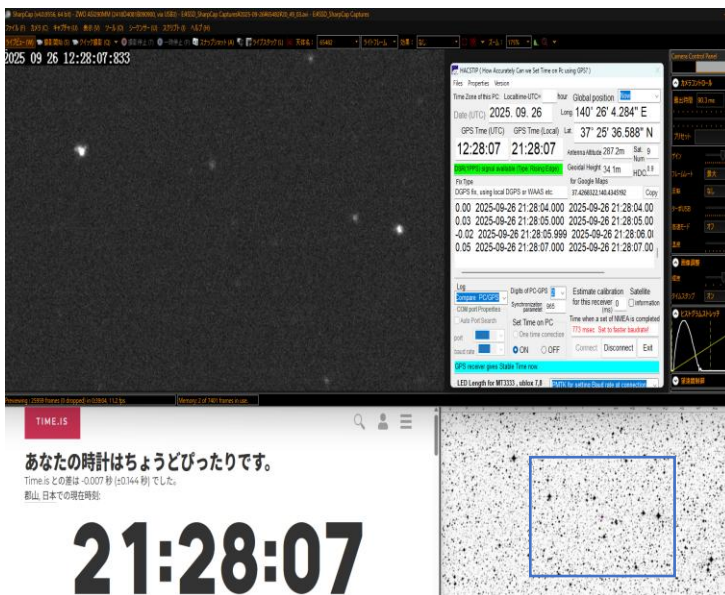
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<LastEdited>2023|7|17</LastEdited>

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