

ASTEROIDAL OCCULTATION - REPORT FORM

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|          EAON   |                |
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| EUROPEAN ASTEROIDAL |                |
| OCCULTATION NETWORK |                |
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1 DATE: 23 October 2022 STAR: TYC 1907_01007_1
 ASTEROID: Eurybates N?: 3548

2 OBSERVER: Name: Michel LLIBRE (31-France) Abbr:
 E-mail: llibre.michel@gmail.com
 Address: 93 avenue de Cousse 31750 Escalquens (France)

3 OBSERVING STATION: Nearest city: Cazaubon (32150 - France)
 Station: Michel LLIBRE Mobile
 Latitude N 43 55 59 (WGS84)
 Longitude W 00 03 18 (WGS84)
 Altitude (m): 145 (MSL)

Single, OR Double or Multiple station (Specify observer's name):

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4 TIMING OF EVENTS:
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| OCCULTATION RECORDED: POSITIVE |
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Type of event
 Start observation Interrupt-start Disappearance Blink Flash
 End observation Interrupt-end Reappearance Other (specify)

Event Code	Time (UT) HH MM SS.ss	P.E. S.ss	Acc. S.ss	Comments
S	- 02:02:23	-	-	:
-	-	-	-	:
D	- 02:03:47.54	- 0.02	-	:
R	- 02:03:56.56	- 0.02	-	:
-	-	-	-	:
E	- 02:05:15	-	-	:

Duration : 9.02sec +/-0.02
 Mid-event :

Was your reaction time applied to the above timings?

5 TELESCOPE: Type: RC Aperture: 203mm Magnification:F/D=5.4
 Mount: EQ Motor drive: AZ-EQ6

6 TIMING & RECORDING:
 Time source: GPS Garmin 18x LVC
 Sensor: ZWO ASI 178MM capteur IMX178 CMOS
 Recording: SharpCap
 Time insertion (specify): SharpCap corrected by personal software based on GPS
 Event insertion (specify):

7 OBSERVING CONDITIONS:

Atmospheric transparency: mid Wind: No Temperature: 15 deg
Star image stability: good Minor planet visible:no

8 ADDITIONAL COMMENTS: Ritchey-Chretien 203/1624 + 0.67x, Camera Zwo ASI 178MM
SharpCap : MON08, bin 2 / Capture area 1920x1080, Exposure 20 ms