

ASTEROIDAL OCCULTATION - REPORT FORM

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|          EAON   |                |
|                |                |
| EUROPEAN ASTEROIDAL |          IOTA/ES |
| OCCULTATION NETWORK | INTERNATIONAL OCCULTATION |
|                |          TIMING ASSOCIATION |
|                |          EUROPEAN SECTION  |
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1 DATE: 23 October 2022 STAR: TYC 1907_01007_1

ASTEROID: Eurybates N?: 3548

2 OBSERVER: Name: Pascal ANDRE (31-France) Abbr:
 E-mail: pascal.andre9@free.fr
 Address: 7 rue du 19 mars 1962 31570 Ste Foy d Aigrefeuille
 (France)

3 OBSERVING STATION: Nearest city: Aurensan (32400 - France)
 Station: Pascal ANDRE Mobile
 Latitude N 43 37 08 (WGS84)
 Longitude W 00 12 56 (WGS84)
 Altitude (m): 108 (MSL)

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

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4 TIMING OF EVENTS:  +-----+
|                   |                   |
| 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	01:59:11	-	-	:
-		-	-	:
D	02:03:42.57	0.01	-	:
R	02:03:50.37	0.01	-	:
-		-	-	:
E	02:07:52	-	-	:

Duration : 7.90 +/- 0.01
 Mid-event :

Was your reaction time applied to the above timings?

5 TELESCOPE: Type: Newton Aperture: 200mm Magnification:F/D=5
 Mount: EQ Motor drive: AZ-EQ6

6 TIMING & RECORDING:
 Time source: GPS
 Sensor: Watec 910HX
 Recording: Grabber StarTech -IOTA VC - Lagarit codec
 Time insertion (specify): IOTA VTI
 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: No integration - Gain 35 - Data Reduction using Pyote
(Thanks to Eric Frappa for the reprocessing)