

ASTEROIDAL OCCULTATION - REPORT FORM

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|          EAON          | |          IOTA/ES          |
| EUROPEAN ASTEROIDAL  | | INTERNATIONAL OCCULTATION |
| OCCULTATION NETWORK  | | TIMING ASSOCIATION      |
|                       | | EUROPEAN SECTION        |
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1 DATE 2019/09/11: STAR: TYC 6816-00286-1 ASTEROID: AEGINA (91)

2 OBSERVER: Name: Patrick Martinez (31-France) Abbr:
 E-mail: astro.adagio@orange.fr
 Address: L'observatoire 30 route de revel 31450 Varennes (France)

3 OBSERVING STATION: Nearest city: Belesta en Lauragais (31 - France)
 Station: Belesta observatory (MPC code A05)
 Longitude N 43 26 39.4 (WGS84)
 Latitude E 01 48 58.6 (WGS84)
 Altitude (m): 234 (MSL)

Double station (Specify observer's name):

Observers :

- Patrick Martinez
- Michel Llibre

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4 TIMING OF EVENTS: +-----+
|                   | |                   |
|   EVENT REPORTED: POSITIVE   | |                   |
|                   | |                   |
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Event code
 S: observation Start I: Interruption start
 D: Disappearance J: Interruption end
 R: Reappearance B: Blink F: Flash
 E: observation End O: Other (specify)

Abbreviations
 P.E.: Personal Equation = reaction time (for visual obs)
 Acc.: Accuracy (overall accuracy of the given time)

Event Code	Time (UT) HH:MM:SS.ss	P.E. S.ss	Acc. S.ss	Comments
S	-	-	-	:
-	-	-	-	:
D	- 20 37 55.00	-	-1.00	:
R	-	-	-	:
-	-	-	-	:
E	-	-	-	:

Duration : 7.9s +/- 0,3s
 Mid-event :
 see corresponding image

5 TELESCOPE: Type: Newton Reflector Aperture: 820mm F/D=4
 Mount: EQ - Motor drive: AD + DEC

6 TIMING & RECORDING:

Time source: PC Time

Sensor: Moravian CCD G4-16000

Recording: Prism

Processing: Prism - Drift Scan 90 seconds

Time insertion (specify): N/A

7 OBSERVING CONDITIONS:

Atmospheric transparency: clear Wind: NO Temperature: 20°C

Star image stability: turbulent Minor planet visible: YES

8 ADDITIONAL COMMENTS:

elev only 11° - fwhm = 3,5" inducing some noise on the star trace

This event was also observed using T30/Watec 910HX at Belesta (A05) positive event of 7,52 s recorded

(see corresponding report).

see détails here <http://www.qfastro.club/doku.php?id=cr:2019-09-11>