

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 2019/01/03): STAR: UCAC4-418-150499 ASTEROID: MELIBOEA N°137

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: 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):
 T300mm Watec/Iota
 Drift Scan T82cm
 Observers :
 - Patrick Martinez (T82 cm)
 - Dominique Toublanc (T82 cm)
 - Jean-Christophe Lachurié (T300)
 - Frédéric Pailler (T300)
 - Pascal André (T300)

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4 TIMING OF EVENTS:  +-----+
|                     | |                     |
| EVENT REPORTED: NEGATIVE | |                     |
|                     | |                     |
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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 0: 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	- 18:21	-	-	:
-	-	-	-	:
D	-	-	-	:
R	-	-	-	:
-	-	-	-	:
E	- 18:35	-	-	:

Duration :
 Mid-event :

5 TELESCOPE: Type: Newton Reflector Aperture: 300mm F/D=5
Mount: EQ - Motor drive: AD + DEC / MCMT-PRISM control

6 TIMING & RECORDING:

Time source: IOTA-VTI GPS 1PPS

Sensor: Watec 910HX (1/2inc ccd sensor analogic PAL camera integration X8 Gain
31)

Recording: IOTA VideoCapture software (avi file lagarith codec) -USB grabber
StarTech SVID2USB23

Processing Tangra 3.3

Time insertion (specify): time stamping on each frame , OCR reading by Tangra
3.3

7 OBSERVING CONDITIONS:

Atmospheric transparency: partially clear Wind: NO Temperature: -4°C

Star image stability: Good Minor planet visible: YES

8 ADDITIONAL COMMENTS:

This event was observed using 2 methods (direct observation + drift scan) by 2
teams at Belesta A05 station
Asteroid visible

see détails here <http://www.qfastro.club/>