**ASTEROIDAL OCCULTATION - REPORT FORM - EAON**

**EUROPEAN ASTEROIDAL OCCULTATION NETWORK**

**1. DATE**: 25 febbraio 2019     **STAR**:  **UCAC4 501-012393 ASTEROID**: (3631) Sigyn

**2.OBSERVER**

**Name**:    Andrea MANNA Abr.: MAA
**Phone**: 0041 91 859 06 61
**Address**: via alla Motta – Cugnasco (Switzerland)

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**3.OBSERVING STATION**
   **Station:** Cugnasco (c.Ti Switzerland)

 **Nearest city**: Locarno

   **Longitude**: 08d 55m 13.8s E
   **Latitude**: 46d 10m 35.5s N
   **Altitude**:        240m

 (Google Earth)

**4.TIMING OF EVENTS**
   **Occultation recorded**: POSITIVE
   **Type of event:**

 **“S”tart observation:** 20: 30: 25 UT

 **“E”nd observation: 20**: 37: 03

 **“D”isappearance:** 20: 32: 33.21 +/- 0.64 s UT (with Dangl correction)

 **“R”eappearance:** 20: 32: 37.05 +/- 0.64 s

 **Duration:** 3.84 sec +/- 1.28 s

 **Personal Equation Substracted**:
   **Event Time (UTC)       P.E.      Accuracy + Comments
   code: HH:MM:SS.ss    S.ss**
    -**S :**

**-E :**
**5.TELESCOPE**
**Type**: Schmidt-Cassegrain

**Aperture**: 200mm
**Focal length:** 600mm (with focal reducer)
**Mount**: Equatorial
**Motor drive**: Yes

**6.TIMING & RECORDING**
  **Timekeeping**: GPS 1PPS (US Global Sat EM-406A)
  Videocamera Watec Wat-910HX/RC

 Shutter mode= X 64, Gain=35, Gamma=1.00

 **Mode of recording**
  **Device of recording:** IOTA-VTI, v.1.1.42

**7.OBSERVING CONDITIONS**  **Atmospheric transparency**: Good
  **Wind**:
  **Star image stability**:
  **Temperature**:
  **Minor Planet Visible**:

**8.ADDITIONAL COMMENTS**