

20200101_(65373) 2002 PC52 occults UCAC4 516-004270 - NEGATIVE.txt

6 TIMING & RECORDING:

Time source: GPS via QHY 174M-GPS

Sensor/Camera: QHY 174M-GPS (Digital Camera with integrated GPS), CMOS sensor: IMX174, Pixel size: 5.86µm x 5.86µm

Camera settings:

- 960x600
- Binning: 1x1
- Exposure time: 0.160 ms (6.2 fps)
- Gain: 438
- Gamma: 1.0
- no Dark Frame subtracted

Recording: Laptop HP EliteBook 840, Software SharpCap, saved on Harddisk as SER 16 Bit

7 OBSERVING CONDITIONS:

Atmospheric transparency: good Wind: low Temperature: -1°C
Star image stability: good Minor planet visible: no

8 ADDITIONAL COMMENTS:

- Right ascension: 02h 35m 20.2s (J2000)
- Declination: +13° 03' 45.0" (J2000)
- Constellation: Aries
- Time of event: 18:39:39 UT +/- 13 s
- Max. Duration: 1.6 s
- Star Mag: 13.60 mag
- Minor Planet Mag: 18.90 mag
- Combined Mag: 13.59 mag
- Drop of Mag: 5.31 mag
- Distance to central line: -40 km NW
- Predicted probability (OccultWatcher): 4.1 %
- Feed: IBEROC