

# GEOS

Groupe Européen  
d'Observation Stellaire

# ASTEROIDAL OCCULTATIONS REPORT FORM

Date: 22.4.87 Star: SAO 161166 Asteroid number: 694 name: Ekard

OBSERVER Name: Mike Kohl Phone number: 01/941 21 35

Address: Bordackerstr. 2, 8610 Uster

OBSERVING STATION Nearest city: Uster, Zürich

Station: Latitude +47° 22' 44.8" N Longitude 8° 43' 43.4" E Altitude 473 m

OBSERVATION Beginning (U.T.): 2<sup>h</sup> 35<sup>m</sup> End (U.T.): 2<sup>h</sup> 50<sup>m</sup>

Interruptions (U.T.) From: \_\_\_\_\_ To: \_\_\_\_\_ Reason: \_\_\_\_\_

## TIMINGS

Disappearance (U.T.): 2<sup>h</sup> 46<sup>m</sup> 56.3<sup>s</sup> Personal: 0.6 sec Accuracy: ± 0.3

Reappearance (U.T.): 2<sup>h</sup> 47<sup>m</sup> 00.35<sup>s</sup> P.E.: 0.4 sec Acc.: ± 0.2

Others: \_\_\_\_\_ P.E.: \_\_\_\_\_ Acc.: \_\_\_\_\_

(Secondary events, Flashes, Blinks) P.E.: \_\_\_\_\_ Acc.: \_\_\_\_\_

P.E.: \_\_\_\_\_ Acc.: \_\_\_\_\_

ESTIMATED  
PERSONAL EQUATION  
SUBSTRACTED

PLEASE SPECIFY  
THE ACCURACY OFF  
ALL EVENTS

IF ~~NO~~ OCCULTATION PLEASE SURROUND

To precise in the  
additional comments

TELESCOPE Type: Newton f/6 Aperture 6" (15cm) Magnification 25

Mount: Azimuthal-Equatorial Motor drive: ~~Yes~~ - No

TIMEKEEPING: Stopwatch (speciality: 30 "laps" can be timed)

TIME RECORDING: Telephone (atomic clock: Neuchâtel)

OBSERVING CONDITIONS Atmospheric Transparency: Good - ~~Fair~~ - ~~Poor~~ Star image Stability: Good - ~~Fair~~ - ~~Poor~~

Weather conditions: clear sky, cold: 2°C, no wind

Other: \_\_\_\_\_

Additional comments: I felt the star was not gone during the occultation, like it hadn't dropped to the planetoid's magnitude but stayed about M.0-M.5 m. Maybe that's just an impression, I'm not very certain.

IF YOU NEED MORE SPACE  
PLEASE WRITE AT THE BACK

Return within 10 days to  
Roland BONINSEGNA Rue de Mariembourg, 35  
B 6381 DOURBES  
BELGIUM