

target : Triton
 target radius (km) : 1352.60
 C/A epoch : 2043-10-02T01:16:09.360
 Event type : Pg
 : Triton occs: geocentric, not topocentric
 : Not a ringed target
 Gaia source ID : 26891550450337792
 2Mass ID (if available) : 02381843+1331544

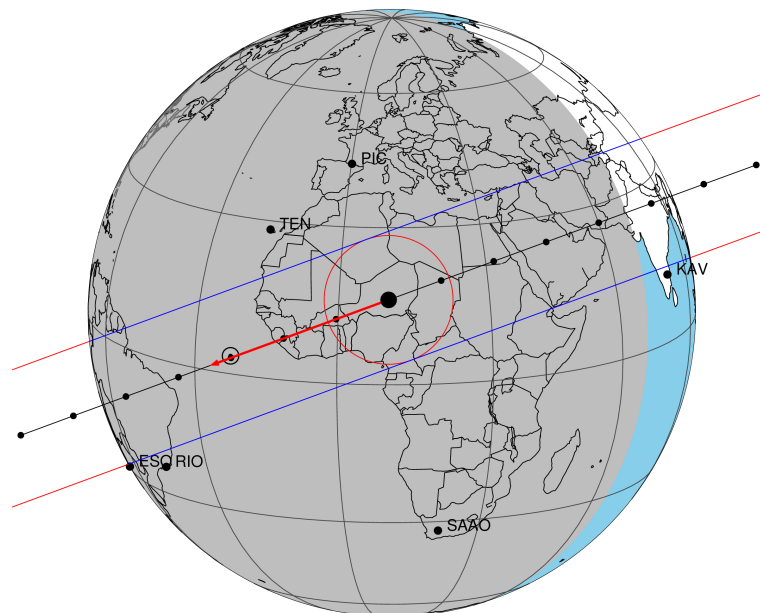
ICRS Star Coord at Epoch: 02h 38m 18.58223s +13:31:54.96787s
 RUWE (>1.4 is poor) : 1.11
 K magnitude : 12.025
 G magnitude : 14.776
 RP magnitude : 13.924
 BP magnitude : 15.541
 DUPflag : 0
 Distance (au) : 28.966
 f0 (km) : 0.00
 g0 (km) : 0.00
 skyplane vel. (km/s) : -19.59
 Sun-Target sep (deg) : 146.67
 Sun-Moon sep (deg) : 134.24
 B (ring opening deg) : -3.45
 PA of pole (deg) : -68.78
 Pole direction: RA (deg): 307.97675
 Dec (deg): 21.42640
 C/A sky separation (") : 0.013
 C/A sky separation (km) : 280.3
 NAIF SPICE kernels : RAJobs_U111+rgf16.spk

URKALLv1.spk
 naif0012.tls
 nep097.bsp
 nep101.bsp
 sat4401.bsp

Observable events with sun below -5 deg and altitude above 5 deg

Obs	Location	lat	Elon	Target	Observed Events Interval	OCode
PIC	Pic du Midi	42.9	0.1			Pnn
PAL	Palomar Mt (200")	33.4	243.1			Pnn
PMO	Purple Mtn Obs. Nanking	32.1	118.8			Pnn
KPNO	Kitt Peak Natl Obs	32.0	248.4			Pnn
MCD	McDonald Obs. 2.7m	30.7	256.0			Pnn
TEN	Teide Obs./Tenerife	28.3	343.5			Pnn
IRTF	Mauna Kea/IRTF	19.8	204.5			Pnn
KAV	Kavalur Observatory	12.6	78.8			Pnn
RIO	Rio de Janeiro	-22.9	316.8			Pnn
ESO	European Southern Obs. (3.6m)	-29.3	289.3			Pnn
AAT	Siding Spring (AAT)	-31.3	149.1			Pnn
SAAO	So. Afr. Astro. Obs. (Sutherland)	-32.4	20.8			Pnn
MSO	Mt. Stromlo Observatory	-35.3	149.0			Pnn

Triton 2043-10-02T01:16:09 K12.03 G14.78 dots 60.0 sec
Pg



2043-10-02T01:16:09.3600 α: 02 38 18.5822 δ: +13 31 54.968 C/A 0.013" PA 339.70 deg v_sky -19.59 km/s D 28.97 AU

Credit: Styled after SORA/Lucky Star

