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| Activity ID: Orbit 17 | OAPEL TUI7MANS | SeqNo 01- |
| Title | UVS IO TORUS MDNT ANSA, E17 OUTBOUND | Instrument UVS |
| Requestor | UVS-MWG/S.STEPHENS | Team UVS |
| | | Working Group MWG |

| | | | |
|------------------------|-----------------------|-------------------------------|----------------------|
| Time System CDS | Load ID 17A | Calendar Date 09/27/98 | Week 39 |
| Start | JEE+CDS 00001424:00:0 | 98-270/08:26:29.333 | JEE+000/23:59:49.333 |
| End | JEE+CDS 00002414:00:0 | 98-271/01:07:29.333 | JEE+001/16:40:49.333 |
| Duration | 00000990:00:0 | 000/16:41:00.000 | 000/16:41:00.000 |

| | | | |
|---------------------|--------------------|-----------------------|------|
| Top Label | 17TU17MANS01- | | |
| Bottom Label | (UVS RTS Io Torus) | | |
| Plot Key | UVS | Type | SCI |
| CDS Bytes | 65 | Report Options | BOTH |
| | | Scan Platform | Yes |
| CDS Source | OAP | Spin State | DUAL |
| | | DMS | No |

Observation Objective



UVS MAP OF IO TORUS MIDNIGHT ANSA, E17 OUTBOUND (BTG=0.283 MBTG, TICS=0):

Target: 90 CONE (attitude RA 170.31, DEC 5.82); 5.76 Rj ansa ribbon determines CLOCK

From: 0.7 Rj, 240/08:40, GLL-Jup = 17.0 Rj, start UVS/EUV aurora on Jupiter darkside

Thru: 5.77 Rj, 240/18:25, GLL-Jup = 21.3 Rj, ansa ribbon (Sys III W Long xxx)

To: 9.04 Rj, 241/12:59, GLL-Jup = 24.0 Rj, end UVS near Europa ansa

UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rate 4.87 bps UVS):

UVS deselected; 60-RIM UVFLUSHes needed to PACKET BOTH after initial DISCRDs

Total bits: 16 UVS UVFLUSH PACKETS = 0.283 MB UVS = 0.283 MB

WAVELENGTHS (Angstroms):

Emission lines: UVS (H 1215, S+ 1259, S+ 4070), UVS 2POSN-22STEP

| PSID | RIM:mf | CDS | PA | Design Detail |
|-------|--------|-----|----|--|
| 384BE | 0 | 0 | | COMMENT [UVS RIM 0] |
| 176BA | 8 | 15 | | SCITLM (PPB) |
| 157BA | 14 | 38 | | CMDRS (10+14*2) [PLAN DUR 969, EST UVS CMDS 2] |
| | 15 | 1 | | 34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G] |
| | 983 | 976 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF] |
| 165BA | 15 | 27 | | TARGET {CONE 90.00, CLOCK 282, POS_SLW_ALL=4, NO TMC} (RA/Dec=77.74/23.78) |
| 384BG | 16 | | | ADD SCAN-TYPE 3 utility (UTIL0113.SSDF) (7SAFE/7SLEW 1+ min after S/P in pos.) |
| 176BB | 18 | 15 | | SCITLM (RPB) |

See EUV GGGs plot in EUV oapels