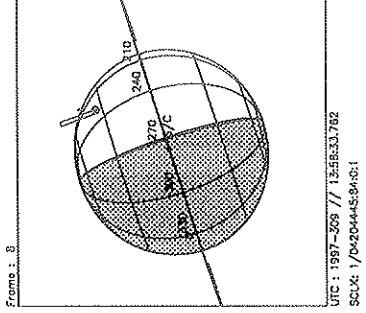
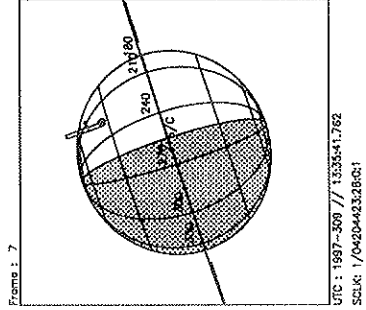
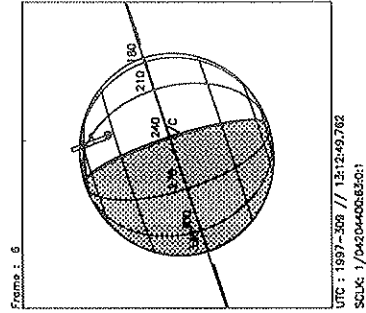
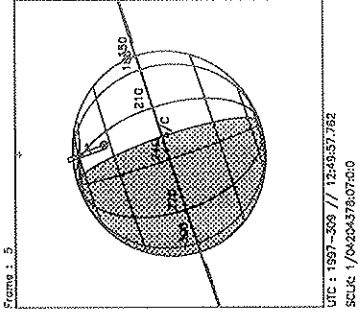
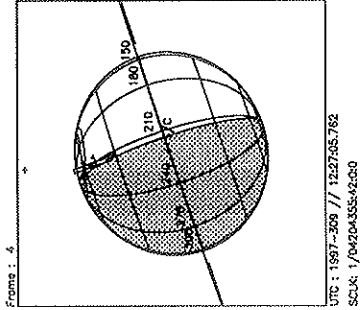
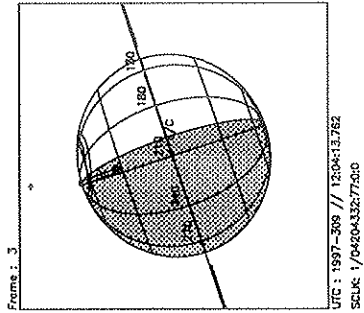
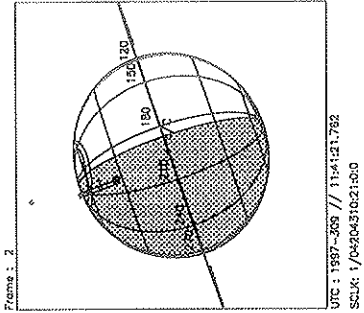
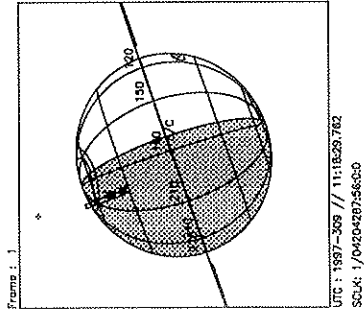
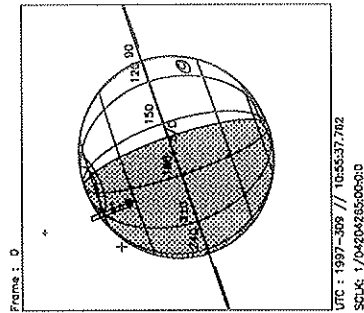


|   |                                   |                       |  |                      |                      |
|---|-----------------------------------|-----------------------|--|----------------------|----------------------|
| <b>Activity ID:</b> Orbit 11  |                                   | OAPEL JU11AURA        |  | <b>SeqNo</b> 02-     |                      |
| <b>Title</b>  | UVS/EUV AURORA MAP 2, E11 INBOUND |                       |  | <b>Instrument</b>    | UVS                  |
| <b>Requestor</b>  | UVS-MWG/S.STEPHENS                | <b>Team</b>           | UVS  | <b>Working Group</b> | MWG                  |
| <b>Time System</b>  | CDS                               | <b>Load ID</b>        | E11A   | <b>Calendar Date</b> | 11/05/97             |
|   |                                   |                       |  | <b>Week</b>          | 45                   |
| <b>Start</b>  | JEE-CDS 00002244:00:0             |                       | 97-309/10:52:41.066  |                      | JEE-001/13:48:56.000 |
| <b>End</b>  | JEE-CDS 00002060:00:0             |                       | 97-309/13:58:43.733  |                      | JEE-001/10:42:53.333 |
| <b>Duration</b>   | 00000184:00:0                     |                       | 000/03:06:02.667   |                      | 000/03:06:02.667     |
| <b>Top Label</b>  | 11JU11AURA02-                     |                       |  |                      |                      |
| <b>Bottom Label</b>   | UVS/EUV RTS Aurora                |                       |  |                      |                      |
| <b>Plot Key</b>   | UVS                               | <b>Type</b>           | SCI  |                      |                      |
| <b>CDS Bytes</b>  | 194                               | <b>Report Options</b> | BOTH   | <b>Scan Platform</b> | Yes                  |
| <b>CDS Source</b>   | OAP                               | <b>Spin State</b>     | DUAL   | <b>DMS</b>           | No                   |
| <b>Observation Objective</b>  |                                   |                       |  |                      |                      |
| <div style="border: 1px solid black; padding: 5px;"> <p>UVS/EUV JUPITER AURORA MAP 2 (HIGH-RATE), E11 INBOUND (GLL-Jup = 21.8 Rj):<br/>                     From: dark side of Jupiter at cone &lt; 90, TARGETING 55 N, 200 W (TMC active)<br/>                     To: terminator of Jupiter at cone &lt; 90, TARGETING 55 N, 200 W (TMC active)<br/>                     To: bright side of Jupiter at cone &gt; 90, TARGETING 55 N, 200 W (TMC active)<br/>                     UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rate 9.73 bps UVS, 9.73 bps EUV):<br/>                     UVS and EUV deselected; 30-RIM UVFLUSHes usually needed to PACKET BOTH (no DISCRD)<br/>                     Total bits: 5 UVS + 5 EUV UVFLUSH PACKETS = 0.089 MB UVS + 0.089 MB EUV = 0.177 MB<br/>                     WAVELENGTHS (Angstroms):<br/>                     Emission lines: UVS (H 1253, H 1611), EUV (H 1253)<br/>                     F/G FULLSCAN (UVS): F 1616.5-3227.9 (CTR 2436.8, STEP 264) [EVEN</p> </div> |                                   |                       |  |                      |                      |
| <b>Design Detail</b>  |                                   |                       |  |                      |                      |
| PSID  | RIM:mf                            | CDS                   | PA   |                      |                      |
| 384BJ   | 0                                 | 0                     | COMMENT [UVS RIM 0]  |                      |                      |
| 165BF   | 4                                 | 54                    | TARGET [JUPITER, LAT 55, LON 200, TMC ON, PLAN DUR 180, POS SLEW 4]  |                      |                      |
|   | 4                                 |                       | 34UVS,07,S,N,N,N,S,0,OFF,ON,ON,OFF,NO,1,00,9C,01,2C [F/G FULLSCAN]   |                      |                      |
| 349MD   | 32:69                             | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]  |                      |                      |
|   | 34                                |                       | 34UVS,07,S,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,9D,00,00 [G FULLSCAN] |                      |                      |
| 349ME   | 62:69                             | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]  |                      |                      |
| 349MF   | 92:69                             | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]  |                      |                      |
| 349MG   | 122:69                            | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]  |                      |                      |
|   | 124                               |                       | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]     |                      |                      |
|   | 144                               |                       | 34UVS,07,S,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,9D,00,00 [G FULLSCAN] |                      |                      |
| 349MH   | 182:69                            | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]  |                      |                      |
|   | 184                               |                       | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]     |                      |                      |

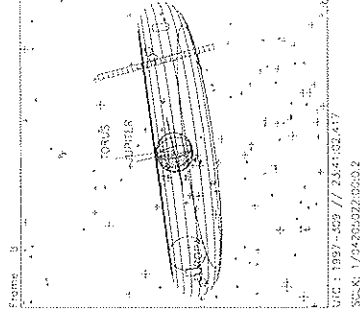
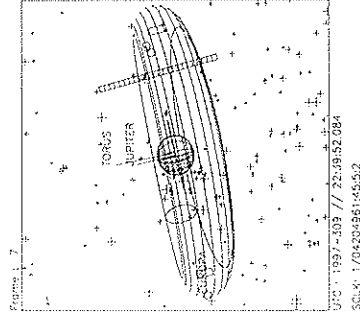
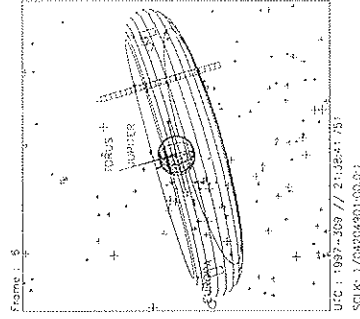
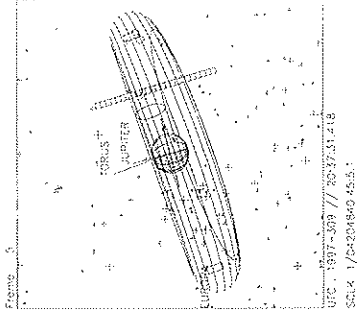
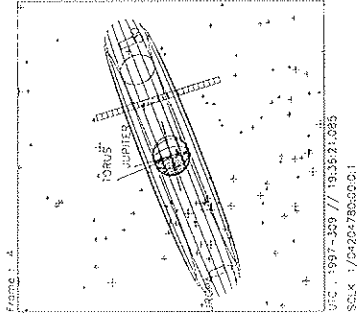
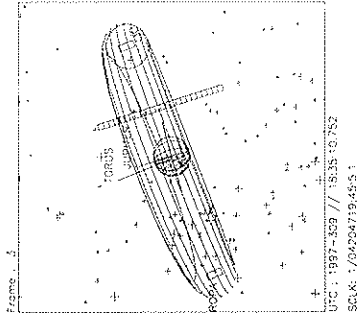
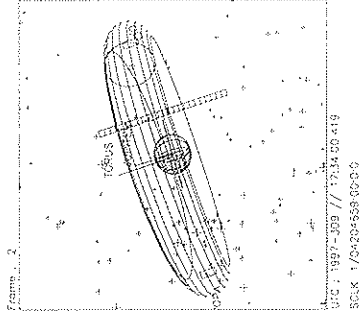
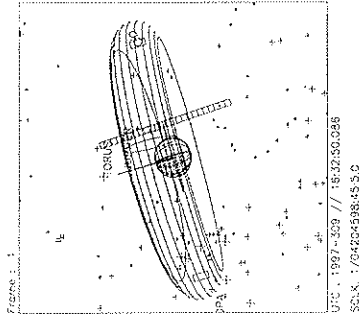
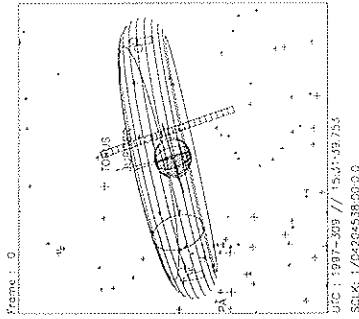


Start UTC.TIME : 1997-309 // 10:55:37.762  
End UTC.TIME : 1997-309 // 13:58:38.423  
Start SCLK : 1/04204265:00:00  
Delta Time between FOV : 1372.000  
FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER  
Target Ra/Dec : 219.69 / -17.20 Deg  
S/C to Body Center : 1605908. Km ( 22.462783 Rj )  
Z-axis Pointing ( Ra / Dec ) : 137.25 / 19.00 Deg

|                              |  |                       |                     |  |                      |
|------------------------------|--|-----------------------|---------------------|--|----------------------|
| <b>Activity ID:</b> Orbit 11 |  | OAPEL JV11AURA        |                     | <b>SeqNo</b> 03-                                     |                      |
| <b>Title</b>                 | EUV AURORA MAP 3, E11 INBOUND  |                       |                     | <b>Instrument</b>                                    | EUV                  |
| <b>Requestor</b>             | UVS-MWG/S.STEPHENS   | <b>Team</b>           | UVS                 | <b>Working Group</b>                                 | MWG                  |
| <b>Time System</b>           | CDS  | <b>Load ID</b>        | E11A                | <b>Calendar Date</b>                                 | 11/05/97             |
|                              |  |                       |                     | <b>Week</b>  | 45                   |
| <b>Start</b>                 | JEE-CDS 00002060:00:0  |                       | 97-309/13:58:43.733 |  | JEE-001/10:42:53.333 |
| <b>End</b>                   | JEE-CDS 00001970:00:0  |                       | 97-309/15:29:43.733 |  | JEE-001/09:11:53.333 |
| <b>Duration</b>              | 00000090:00:0  |                       | 000/01:31:00.000    |  | 000/01:31:00.000     |
| <b>Top Label</b>             | 11JV11AURA03-  |                       |                     |  |                      |
| <b>Bottom Label</b>          | EUV RTS Aurora   |                       |                     |  |                      |
| <b>Plot Key</b>              | EUV  | <b>Type</b>           | SCI                 |  |                      |
| <b>CDS Bytes</b>             | 0  | <b>Report Options</b> | BOTH                | <b>Scan Platform</b>                                 | No                   |
| <b>CDS Source</b>            | OAP  | <b>Spin State</b>     | DUAL                | <b>DMS</b>   | No                   |
| <b>Observation Objective</b> |  |                       |                     |  |                      |
|                              | EUV JUPITER AURORA MAP 3, E11. INBOUND (GLL-Jup = 20.9 Rj):            |                       |                     |  |                      |
|                              | From: bright side of Jupiter at cone 90                                |                       |                     |  |                      |
|                              | To: just off bright limb of Jupiter at fixed cone                      |                       |                     |  |                      |
|                              | UVFLUSH STRATEGY (17,712 bits per EUV PACKET; data rate 4.87 bps EUV): |                       |                     |  |                      |
|                              | EUV deselected; 90-RIM UVFLUSH needed to PACKET EUV                    |                       |                     |  |                      |
|                              | Total bits: 1 EUV UVFLUSH PACKET = 0.018 MB EUV                        |                       |                     |  |                      |
| WAVELENGTHS (Angstroms):     |  |                       |                     |  |                      |
| Emission lines: EUV (H 1253) |  |                       |                     |  |                      |
| <b>Design Detail</b>         |  |                       |                     |  |                      |
| PSID                         | RIM:mf   | CDS                   | PA                  |  |                      |
| 384BK                        | 0  | 0                     | COMMENT             | [UVS RIM 0]  |                      |
| *349AR                       | 85:69  | 28                    | UVFLUSH             | [6UVRT, PACKET, EUV] * (part of UVS-AWG PACKET BOTH) |                      |

|                              |  |                       |  |                      |                      |
|------------------------------|--|-----------------------|--|----------------------|----------------------|
| <b>Activity ID:</b> Orbit 11 |  | OAPEL TVEUVTOR        |  | <b>SeqNo</b> 01-     |                      |
| <b>Title</b>                 | EUV TORUS CONFIGURE, E11 INBOUND   |                       |  | <b>Instrument</b>    | EUV                  |
| <b>Requestor</b>             | UVS-MWG/S.STEPHENS   | <b>Team</b>           | UVS  | <b>Working Group</b> | MWG                  |
| <b>Time System</b>           | CDS  | <b>Load ID</b>        | E11A   | <b>Calendar Date</b> | 11/05/97             |
|                              |  |                       |  | <b>Week</b>          | 45                   |
| <b>Start</b>                 | JEE-CDS 00001970:00:0  |                       | 97-309/15:29:43.733  |                      | JEE-001/09:11:53.333 |
| <b>End</b>                   | JEE-CDS 00001967:00:0  |                       | 97-309/15:32:45.733  |                      | JEE-001/09:08:51.333 |
| <b>Duration</b>              | 00000003:00:0  |                       | 000/00:03:02.000   |                      | 000/00:03:02.000     |
| <b>Top Label</b>             | 11TVEUVTOR01-  |                       |  |                      |                      |
| <b>Bottom Label</b>          | EUV Torus Configure  |                       |  |                      |                      |
| <b>Plot Key</b>              | EUV  | <b>Type</b>           | SCI  |                      |                      |
| <b>CDS Bytes</b>             | 200  | <b>Report Options</b> | BOTH   | <b>Scan Platform</b> | No                   |
| <b>CDS Source</b>            | OAP  | <b>SpIn State</b>     | DUAL   | <b>DMS</b>           | No                   |
| <b>Observation Objective</b> |  |                       |  |                      |                      |
|                              | EUV TORUS CONFIGURE, E11 INBOUND (GLL-Jup = 20.6 Rj):                              |                       |  |                      |                      |
|                              | Load torus Fixed Pattern Noise Table (FPNT), using Phase 2 EUVTOR library sequence |                       |  |                      |                      |
|                              | Configure EUV for taking data, using an EUVCMD PA                                  |                       |  |                      |                      |
| <b>Design Detail</b>         |  |                       |  |                      |                      |
| PSID                         | RIM:mf   | CDS PA                |  |                      |                      |
| 384BL                        | 0  | 0                     | COMMENT [UVS RIM 0]  |                      |                      |
|                              | 0  | 179                   | [LOAD PHASE 2 EUVTOR LIBRARY SEQUENCE]                             |                      |                      |
| 351BC                        | 1  | 21                    | EUVCMD [TARGET BODY TORUS]   |                      |                      |
|                              | 1  |                       | 24EUV,C,3,5A,C,2,18 [STARTING STEP 90, 2 SCANS/SECTOR, 24 SECTORS] |                      |                      |

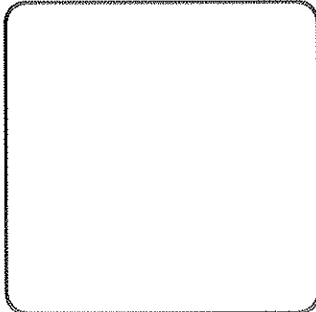


Start UTC\_TIME : 1997-309 // 15:31:59.753  
 No End Time :  
 Start SCLK : 1/04204538:00:0:0

Target Body : JUPITER  
 Target Ra/Dec : 224.63 / -18.70 Deg  
 S/C to Body Center : 1468911. Km ( 20.546509 Rj )  
 Z-axis Pointing ( Rc / Dec ) : 137.24 / 19.02 Deg

|                     |  |                       |                     |                      |                      |
|---------------------|--|-----------------------|---------------------|----------------------|----------------------|
| <b>Activity ID:</b> | Orbit 11                                 | <b>OAPEL</b>          | TV11MPRO            | <b>SeqNo</b>         | 04-                  |
| <b>Title</b>        | EUV MIDNIGHT ANSA PROFILE 4, E11 INBOUND |                       |                     | <b>Instrument</b>    | EUV                  |
| <b>Requestor</b>    | UVS-MWG/S.STEPHENS                       | <b>Team</b>           | UVS                 | <b>Working Group</b> | MWG                  |
| <b>Time System</b>  | CDS                                      | <b>Load ID</b>        | E11A                | <b>Calendar Date</b> | 11/05/97             |
|                     |  |                       |                     | <b>Week</b>          | 45                   |
| <b>Start</b>        | JEE-CDS 00001967:00:0                    |                       | 97-309/15:32:45.733 |                      | JEE-001/09:08:51.333 |
| <b>End</b>          | JEE-CDS 00001487:00:0                    |                       | 97-309/23:38:05.733 |                      | JEE-001/01:03:31.333 |
| <b>Duration</b>     | 00000480:00:0                            |                       | 000/08:05:20.000    |                      | 000/08:05:20.000     |
| <b>Top Label</b>    | 11TV11MPRO04-                            |                       |                     |                      |                      |
| <b>Bottom Label</b> | EUV RTS Torus                            |                       |                     |                      |                      |
| <b>Plot Key</b>     | EUV                                      | <b>Type</b>           | SCI                 |                      |                      |
| <b>CDS Bytes</b>    | 196                                      | <b>Report Options</b> | BOTH                | <b>Scan Platform</b> | No                   |
| <b>CDS Source</b>   | OAP                                      | <b>Spin State</b>     | DUAL                | <b>DMS</b>           | No                   |

**Observation Objective**



EUV IO TORUS MIDNIGHT ANSA PROFILE 4, E11 INBOUND (GLL-Jup = 18.8 Rj):  
 From: 1.33 Rj at cone 90  
 To: 4.45 Rj at fixed cone  
 UVFLUSH STRATEGY (17,712 bits per EUV PACKET; data rate 4.87 bps EUV):  
 EUV deselected; 60-RIM UVFLUSHes needed to PACKET EUV  
 Total bits: 8 EUV UVFLUSH PACKETS = 0.142 MB EUV  
 WAVELENGTHS (Angstroms):  
 Emission lines: EUV (S++ 685, S+ 765, O+ 834)

**Design Detail**

| PSID   | RIM:mf | CDS | PA |  |
|--------|--------|-----|----|--|
| 384BM  | -1     | 0   |    | COMMENT [UVS RIM 0]  |
| 349MJ  | -0:22  | 28  |    | UVFLUSH [6UVRT, DISCRD, EUV]                                 |
| 349MK  | 58:69  | 28  |    | UVFLUSH [6UVRT, PACKET, EUV]                                 |
| *349KE | 118:69 | 0   |    | UVFLUSH [6UVRT, PACKET, EUV] * (part of UVS-AWG PACKET BOTH) |
| *349KK | 178:69 | 0   |    | UVFLUSH [6UVRT, PACKET, EUV] * (part of UVS-AWG PACKET BOTH) |
| 349MM  | 238:69 | 28  |    | UVFLUSH [6UVRT, PACKET, EUV]                                 |
| 349MN  | 298:69 | 28  |    | UVFLUSH [6UVRT, PACKET, EUV]                                 |
| 349MO  | 358:69 | 28  |    | UVFLUSH [6UVRT, PACKET, EUV]                                 |
| 349MP  | 418:69 | 28  |    | UVFLUSH [6UVRT, PACKET, EUV]                                 |
| 349MQ  | 478:69 | 28  |    | UVFLUSH [6UVRT, PACKET, EUV]                                 |

EUV POWER OFF, E11 INBOUND

ACTIVITY ID: 11TVEUVOFF01-

START TIME: 97-309/23:38:05.733

|  |                       |                            |  |                          |                      |
|--|-----------------------|----------------------------|--|--------------------------|----------------------|
| <b>Activity ID:</b> Orbit 11   |                       | OAPEL TVEUVOFF             |  | <b>SeqNo</b> 01-         |                      |
| <b>Title</b>   |                       | EUV POWER OFF, E11 INBOUND |  | <b>Instrument</b> EUV    |                      |
| <b>Requestor</b>   |                       | UVS-MWG/S.STEPHENS         |  | <b>Team</b> UVS          |                      |
|  |                       |                            |  | <b>Working Group</b> MWG |                      |
| <b>Time System</b>   | CDS                   | <b>Load ID</b>             | E11A                                   | <b>Calendar Date</b>     | 11/05/97             |
|  |                       |                            |  | <b>Week</b>              | 45                   |
| <b>Start</b>   | JEE-CDS 00001487:00:0 |                            | 97-309/23:38:05.733                    |                          | JEE-001/01:03:31.333 |
| <b>End</b>   | JEE-CDS 00001477:00:0 |                            | 97-309/23:48:12.400                    |                          | JEE-001/00:53:24.666 |
| <b>Duration</b>  | 00000010:00:0         |                            | 000/00:10:06.667                       |                          | 000/00:10:06.667     |
| <b>Top Label</b>   |                       | 11TVEUVOFF01-              |  |                          |                      |
| <b>Bottom Label</b>  |                       | EUV Power Off              |  |                          |                      |
| <b>Plot Key</b>  | EUV                   | <b>Type</b>                | SCI                                    |                          |                      |
| <b>CDS Bytes</b>   | 180                   | <b>Report Options</b>      | BOTH                                   | <b>Scan Platform</b>     | No                   |
| <b>CDS Source</b>  | OAP                   | <b>Spin State</b>          | DUAL                                   | <b>DMS</b>               | No                   |
| <b>Observation Objective</b>   |                       |                            |  |                          |                      |
| <div style="border: 1px solid black; width: 150px; height: 100px; display: inline-block; vertical-align: top;"></div> <p>EUV POWER OFF, E11 INBOUND (GLL-Jup = 17.0 Rj):<br/> Turn EUV off after end of simultaneous UVS/EUV observations in<br/> E11A, before 17 Rj,<br/> using Phase 2 EUVOFF library sequence</p> |                       |                            |  |                          |                      |
| <b>Design Detail</b>   |                       |                            |  |                          |                      |
| PSID   | RIM:mf                | CDS PA                     |  |                          |                      |
| 384BN  | 0                     | 0                          | COMMENT [UVS RIM 0]                    |                          |                      |
|  | 2                     | 180                        | [LOAD PHASE 2 EUVOFF LIBRARY SEQUENCE] |                          |                      |

|   |  |                       |  |  |
|---|--|-----------------------|--|--|
| <b>Activity ID:</b>   | Orbit 11                                 | <b>OAPEL</b> TU11MANS | <b>SeqNo</b>   | 01-  |
| <b>Title</b>  | UVS/EUV MIDNIGHT ANSA MAP 1, E11 INBOUND |                       | <b>Instrument</b>  | UVS  |
| <b>Requestor</b>  | UVS-MWG/S.STEPHENS                       | <b>Team</b>           | UVS  | <b>Working Group</b> MWG                     |
| <b>Time System</b>  | CDS                                      | <b>Load ID</b>        | E11A   | <b>Calendar Date</b> 11/04/97 <b>Week</b> 45 |
| <b>Start</b>  | JEE-CDS 00003578:00:0                    |                       | 97-308/12:23:51.733  | JEE-002/12:17:45.333                         |
| <b>End</b>  | JEE-CDS 00003094:00:0                    |                       | 97-308/20:33:14.400  | JEE-002/04:08:22.666                         |
| <b>Duration</b>   | 00000484:00:0                            |                       | 000/08:09:22.667   | 000/08:09:22.667                             |
| <b>Top Label</b>  | 11TU11MANS01-                            |                       |  |  |
| <b>Bottom Label</b>   | UVS/EUV RTS Torus                        |                       |  |  |
| <b>Plot Key</b>   | UVS                                      | <b>Type</b>           | SCI  |  |
| <b>CDS Bytes</b>  | 354                                      | <b>Report Options</b> | BOTH   | <b>Scan Platform</b> Yes                     |
| <b>CDS Source</b>   | OAP                                      | <b>SpIn State</b>     | DUAL   | <b>DMS</b> No                                |
| <b>Observation Objective</b>  |  |                       |  |  |
| <div style="border: 1px solid black; padding: 5px;"> <p>UVS/EUV IO TORUS MIDNIGHT ANSA MAP 1, E11 INBOUND (GLL-Jup = 29.6 Rj):<br/>                     From: 9.10 Rj at cone 90 (torus ribbon at 5.68 Rj, Sys III W Long 132)<br/>                     To: 6.06 Rj at fixed cone<br/>                     UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rate 4.87 bps UVS, 4.87 bps EUV):<br/>                     UVS and EUV deselected; 60-RIM UVFLUSHes needed to PACKET BOTH, after initial DISCRD<br/>                     Total bits: 8 UVS + 8 EUV UVFLUSH PACKETS = 0.142 MB UVS + 0.142 MB EUV = 0.283 MB<br/>                     WAVELENGTHS (Angstroms):<br/>                     Emission lines: UVS (S+ 1259, S+ 4070), EUV (S++ 685, S+ 765, O+ 834)<br/>                     2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],<br/>                     G 1239.8-1272.1 (CTR 1256.7, STEP</p> </div> |  |                       |  |  |
| <b>Design Detail</b>  |  |                       |  |  |
| PSID  | RIM:mf                                   | CDS PA                |  |  |
| 384BC   | 0  | 0                     | COMMENT [UVS RIM 0]  |  |
| 61BB  | 1  | 37                    | LOOPER [LOOP PERIOD 120, NUM LOOPS 4]  |  |
| 157BB   | 3  | 38                    | CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]  |  |
| 349BH   | 3:69                                     | 28                    | UVFLUSH [6UVRT, DISCRD, BOTH]  |  |
| 165BB   | 4  | 27                    | TARGET [CONE 90.00, CLOCK 94.71, POSITION SLEW ALLOCATION 4]                                 |  |
| 349BI   | 62:69                                    | 112                   | 34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]                          |  |
|   | 64                                       |                       | UVFLUSH (28*4) [6UVRT, PACKET, BOTH]   |  |
| 349BJ   | 122:69                                   | 112                   | 34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]                          |  |
| ...BP   |  |                       | UVFLUSH (28*4) [6UVRT, PACKET, BOTH]<br>... [REPEAT PAIR 3 ADDITIONAL TIMES, EVERY 120 RIMS] |  |



|   |        |  |  |                               |  |
|---|--------|--|--|-------------------------------|--|
| <b>Activity ID:</b> Orbit 11  |        | <b>OAPEL</b> TU11MANS                    |  | <b>SeqNo</b> 02-              |  |
| <b>Title</b>  |        | UVS/EUV MIDNIGHT ANSA MAP 2, E11 INBOUND |  | <b>Instrument</b> UVS         |  |
| <b>Requestor</b>  |        | UVS-MWG/S.STEPHENS                       |  | <b>Team</b> UVS               |  |
|   |        |  |  | <b>Working Group</b> MWG      |  |
| <b>Time System</b> CDS  |        | <b>Load ID</b> E11A                      |  | <b>Calendar Date</b> 11/04/97 |  |
|   |        |  |  | <b>Week</b> 45                |  |
| <b>Start</b>  |        | JEE-CDS 00003094:00:0                    |  | 97-308/20:33:14.400           |  |
|   |        |  |  | JEE-002/04:08:22.666          |  |
| <b>End</b>  |        | JEE-CDS 00002974:00:0                    |  | 97-308/22:34:34.400           |  |
|   |        |  |  | JEE-002/02:07:02.666          |  |
| <b>Duration</b>   |        | 00000120:00:0                            |  | 000/02:01:20.000              |  |
|   |        |  |  | 000/02:01:20.000              |  |
| <b>Top Label</b>  |        | 11TU11MANS02-                            |  |                               |  |
| <b>Bottom Label</b>   |        | UVS/EUV RTS Torus                        |  |                               |  |
| <b>Plot Key</b>   |        | UVS                                      |  | <b>Type</b> SCI               |  |
| <b>CDS Bytes</b>  |        | 206                                      |  | <b>Report Options</b> BOTH    |  |
|   |        |  |  | <b>Scan Platform</b> Yes      |  |
| <b>CDS Source</b>   |        | OAP                                      |  | <b>Spin State</b> DUAL        |  |
|   |        |  |  | <b>DMS</b> No                 |  |
| <b>Observation Objective</b>  |        |  |  |                               |  |
| <div style="border: 1px solid black; padding: 5px;"> <p>UVS/EUV IO TORUS MIDNIGHT ANSA MAP 2 (HIGH-RATE RIBBON), E11 INBOUND (GLL-Jup = 27.7 Rj):<br/>                     From: 6.06 Rj at cone 90 (torus ribbon at 5.68 Rj, Sys III W Long 132)<br/>                     To: 5.29 Rj at fixed cone<br/>                     UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rate 9.73 bps UVS, 9.73 bps EUV):<br/>                     UVS and EUV deselected; 30-RIM UVFLUSHes needed to PACKET BOTH<br/>                     Total bits: 4 UVS + 4 EUV UVFLUSH PACKETS = 0.071 MB UVS + 0.071 MB EUV = 0.142 MB<br/>                     WAVELENGTHS (Angstroms):<br/>                     Emission lines: UVS (S+ 1259, O+ 3728, S+ 4070), EUV (S++ 685, S+ 765, O+ 834)<br/>                     2 POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],<br/>                     G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]</p> </div> |        |  |  |                               |  |
| <b>Design Detail</b>  |        |  |  |                               |  |
| PSID  | RIM:mf | CDS                                      | PA   |                               |  |
| 384BD   | -1     | 0  | COMMENT [UVS RIM 0]  |                               |  |
| 157BC   | -1     | 94                                       | CMDRS (10+14*6) [PLAN DUR 181, EST UVS CMDS 6]                       |                               |  |
|   | 0      |  | 34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]  |                               |  |
| 349BQ   | 28:69  | 28                                       | UVFLUSH [6UVRT, PACKET, BOTH]  |                               |  |
|   | 30     |  | 34UVS,D3,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,5B,4E,00,7A [22STEP N/N] |                               |  |
| 349BR   | 58:69  | 28                                       | UVFLUSH [6UVRT, PACKET, BOTH]  |                               |  |
|   | 60     |  | 34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]  |                               |  |
| 349BS   | 88:69  | 28                                       | UVFLUSH [6UVRT, PACKET, BOTH]  |                               |  |
|   | 90     |  | 34UVS,D3,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,5B,4E,00,7A [22STEP N/N] |                               |  |
| 349BT   | 118:69 | 28                                       | UVFLUSH [6UVRT, PACKET, BOTH]  |                               |  |

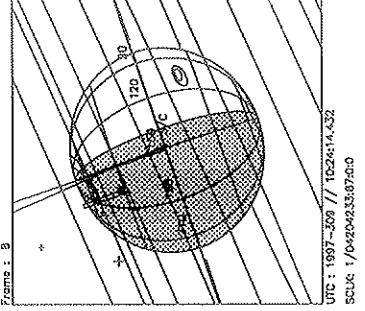
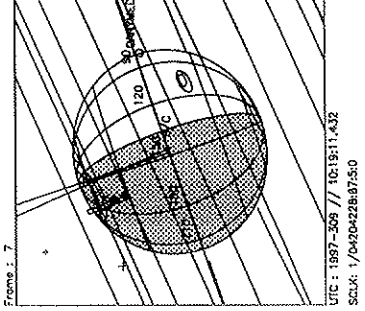
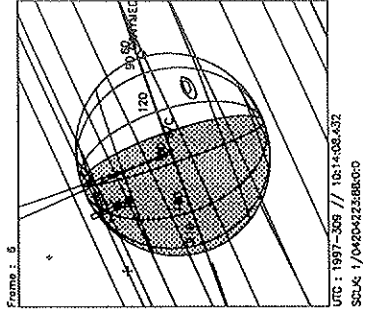
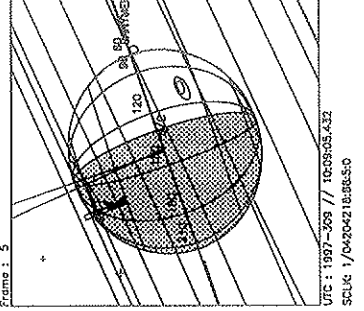
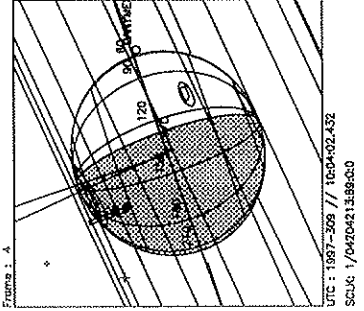
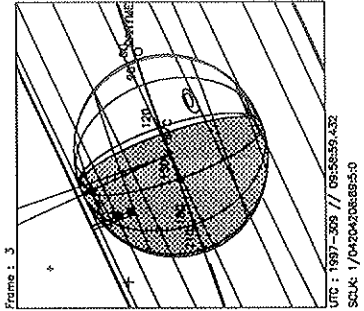
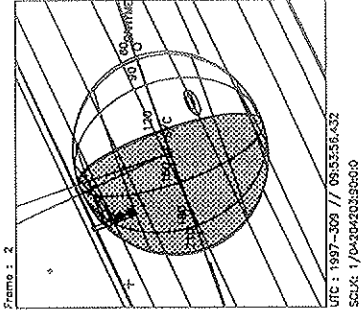
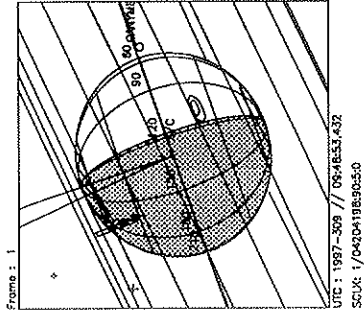
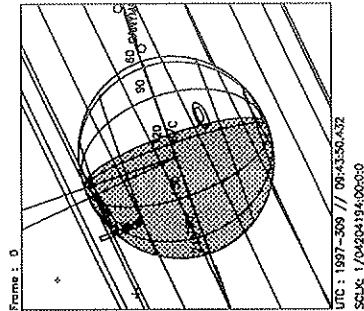
|  |  |                       |   |                      |                      |
|--|--|-----------------------|---|----------------------|----------------------|
| <b>Activity ID:</b> Orbit 11   |  | OAPEL TU11MANS        |   | <b>SeqNo</b> 03-     |                      |
| <b>Title</b>   | UVS/EUV MIDNIGHT ANSA MAP 3, E11 INBOUND |                       |   | <b>Instrument</b>    | UVS                  |
| <b>Requestor</b>   | UVS-MWG/S.STEPHENS                       | <b>Team</b>           | UVS   | <b>Working Group</b> | MWG                  |
| <b>Time System</b>   | CDS                                      | <b>Load ID</b>        | E11A  | <b>Calendar Date</b> | 11/04/97             |
|  |  |                       |   | <b>Week</b>          | 45                   |
| <b>Start</b>   | JEE-CDS 00002974:00:0                    |                       | 97-308/22:34:34.400   |                      | JEE-002/02:07:02.666 |
| <b>End</b>   | JEE-CDS 00002914:00:0                    |                       | 97-308/23:35:14.400   |                      | JEE-002/01:06:22.666 |
| <b>Duration</b>  | 00000060:00:0                            |                       | 000/01:00:40.000  |                      | 000/01:00:40.000     |
| <b>Top Label</b>   | 11TU11MANS03-                            |                       |   |                      |                      |
| <b>Bottom Label</b>  | UVS/EUV RTS Torus                        |                       |   |                      |                      |
| <b>Plot Key</b>  | UVS                                      | <b>Type</b>           | SCI   |                      |                      |
| <b>CDS Bytes</b>   | 28                                       | <b>Report Options</b> | BOTH  | <b>Scan Platform</b> | Yes                  |
| <b>CDS Source</b>  | OAP                                      | <b>Spln State</b>     | DUAL  | <b>DMS</b>           | No                   |
| <b>Observation Objective</b>   |  |                       |   |                      |                      |
| <div style="border: 1px solid black; padding: 5px; width: 200px; float: left; margin-right: 10px;"> </div> <p>UVS/EUV IO TORUS MIDNIGHT ANSA MAP 3, E11 INBOUND (GLL-Jup = 27.2 Rj):<br/>                 From: 5.29 Rj at cone 90 (torus ribbon at 5.68 Rj, Sys III W Long 132)<br/>                 To: 4.92 Rj at fixed cone<br/>                 UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rate 4.87 bps UVS, 4.87 bps EUV):<br/>                 UVS and EUV deselected; 60-RIM UVFLUSH needed to PACKET BOTH<br/>                 Total bits: 1 UVS + 1 EUV UVFLUSH PACKETS = 0.018 MB UVS + 0.018 MB EUV = 0.035 MB<br/>                 WAVELENGTHS (Angstroms):<br/>                 Emission lines: UVS (S+ 4070), EUV (S++ 685, S+ 765, O+ 834)<br/>                 2POSN-1STEP N/N MINISCAN (UVS): N 4049.2 (STEP 428) [EVEN FRAMES],<br/>                 N 4071.2 (STEP 436) [ODD FRAMES]<br/>                 Strategy for MINISCANS: Alternate 22STEP and 1STEP MINISCANS for PWS quiet</p> |  |                       |   |                      |                      |
| <b>Design Detail</b>   |  |                       |   |                      |                      |
| PSID   | RIM:mf                                   | CDS PA                |   |                      |                      |
| 384BE  | 0  | 0                     | COMMENT [UVS RIM 0]   |                      |                      |
|  |  |                       | 34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N] |                      |                      |
| 349BU  | 58:69                                    | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]                                       |                      |                      |
|  | 60                                       |                       | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]    |                      |                      |

|  |  |                       |   |                      |                      |
|--|--|-----------------------|---|----------------------|----------------------|
| <b>Activity ID:</b> Orbit 11   |  | OAPEL TU11MPRO        |   | <b>SeqNo</b> 01-     |                      |
| <b>Title</b>   | UVS/EUV MDNT ANSA PROFILE 1, E11 INBOUND |                       |   | <b>Instrument</b>    | UVS                  |
| <b>Requestor</b>   | UVS-MWG/S.STEPHENS                       | <b>Team</b>           | UVS   | <b>Working Group</b> | MWG                  |
| <b>Time System</b>   | CDS                                      | <b>Load ID</b>        | E11A  | <b>Calendar Date</b> | 11/05/97             |
|  |  |                       |   | <b>Week</b>          | 45                   |
| <b>Start</b>   | JEE-CDS 00002774:00:0                    |                       | 97-309/01:56:47.733   |                      | JEE-001/22:44:49.333 |
| <b>End</b>   | JEE-CDS 00002590:00:0                    |                       | 97-309/05:02:50.400   |                      | JEE-001/19:38:46.666 |
| <b>Duration</b>  | 00000184:00:0                            |                       | 000/03:06:02.667  |                      | 000/03:06:02.667     |
| <b>Top Label</b>   | 11TU11MPRO01-                            |                       |   |                      |                      |
| <b>Bottom Label</b>  | UVS/EUV RTS Torus                        |                       |   |                      |                      |
| <b>Plot Key</b>  | UVS                                      | <b>Type</b>           | SCI   |                      |                      |
| <b>CDS Bytes</b>   | 177                                      | <b>Report Options</b> | BOTH  | <b>Scan Platform</b> | Yes                  |
| <b>CDS Source</b>  | OAP                                      | <b>SpIn State</b>     | DUAL  | <b>DMS</b>           | No                   |
| <b>Observation Objective</b>   |  |                       |   |                      |                      |
| <p>UVS/EUV IO TORUS MIDNIGHT ANSA PROFILE 1, E11 INBOUND (GLL-Jup = 25.4 Rj):<br/>                 From: 6.35 Rj at cone &gt; 90 (torus ribbon at 5.72 Rj, Sys III W Long 343)<br/>                 To: 5.08 Rj at fixed cone<br/>                 UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rate 4.87 bps UVS, 4.87 bps EUV):<br/>                 UVS and EUV deselected; 60-RIM UVFLUSHes usually needed to PACKET BOTH (no DISCRD)<br/>                 Total bits: 3 UVS + 3 EUV UVFLUSH PACKETS = 0.053 MB UVS + 0.053 MB EUV = 0.106 MB<br/>                 WAVELENGTHS (Angstroms):<br/>                 Emission lines: UVS (S+ 1259, S+ 4070), EUV (S++ 685, S+ 765, O+ 834)<br/>                 2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],<br/>                 G 1239.8-1272.1 (CTR 1256.7, STEP</p> |  |                       |   |                      |                      |
| <b>Design Detail</b>   |  |                       |   |                      |                      |
| PSID   | RIM:mf                                   | CDS PA                |   |                      |                      |
| 384BF  | 0  | 0                     | COMMENT [UVS RIM 0]   |                      |                      |
| 157BD  | 3  | 66                    | CMDRS (10+14*4) [PLAN DUR 181, EST UVS CMDS 4]                      |                      |                      |
| 165BC  | 4  | 27                    | TARGET [CONE 95.26, CLOCK 96.55, POSITION SLEW ALLOCATION 4]        |                      |                      |
|  | 4  |                       | 34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G] |                      |                      |
| 349BV  | 62:69                                    | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]                                       |                      |                      |
|  | 64                                       |                       | 34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N] |                      |                      |
| 349BW  | 122:69                                   | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]                                       |                      |                      |
|  | 124                                      |                       | 34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G] |                      |                      |
| 349BX  | 182:69                                   | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]                                       |                      |                      |
|  | 184                                      |                       | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]    |                      |                      |

|   |  |                       |   |                      |                      |
|---|--|-----------------------|---|----------------------|----------------------|
| <b>Activity ID:</b> Orbit 11  |  | OAPEL TU11MPRO        |   | <b>SeqNo</b> 02-     |                      |
| <b>Title</b>  | UVS/EUV MDNT ANSA PROFILE 2, E11 INBOUND |                       |   | <b>Instrument</b>    | UVS                  |
| <b>Requestor</b>  | UVS-MWG/S.STEPHENS                       | <b>Team</b>           | UVS   | <b>Working Group</b> | MWG                  |
| <b>Time System</b>  | CDS                                      | <b>Load ID</b>        | E11A  | <b>Calendar Date</b> | 11/05/97             |
|   |  |                       |   | <b>Week</b>          | 45                   |
| <b>Start</b>  | JEE-CDS 00002443:00:0                    |                       | 97-309/07:31:28.400   |                      | JEE-001/17:10:08.666 |
| <b>End</b>  | JEE-CDS 00002319:00:0                    |                       | 97-309/09:36:51.066   |                      | JEE-001/15:04:46.000 |
| <b>Duration</b>   | 00000124:00:0                            |                       | 000/02:05:22.666  |                      | 000/02:05:22.666     |
| <b>Top Label</b>  | 11TU11MPRO02-                            |                       |   |                      |                      |
| <b>Bottom Label</b>   | UVS/EUV RTS Torus                        |                       |   |                      |                      |
| <b>Plot Key</b>   | UVS                                      | <b>Type</b>           | SCI   |                      |                      |
| <b>CDS Bytes</b>  | 135                                      | <b>Report Options</b> | BOTH  | <b>Scan Platform</b> | Yes                  |
| <b>CDS Source</b>   | OAP                                      | <b>Spin State</b>     | DUAL  | <b>DMS</b>           | No                   |
| <b>Observation Objective</b>  |  |                       |   |                      |                      |
| <div style="border: 1px solid black; padding: 5px;"> <p>UVS/EUV IO TORUS MIDNIGHT ANSA PROFILE 2, E11 INBOUND (GLL-Jup = 23.4 Rj):<br/>                     From: 6.14 Rj at cone &gt; 90 (torus ribbon at 5.69 Rj, Sys III W Long 161)<br/>                     To: 5.23 Rj at fixed cone<br/>                     UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rate 4.87 bps UVS, 4.87 bps EUV):<br/>                     UVS and EUV deselected; 60-RIM UVFLUSHes needed to PACKET BOTH (no DISCRD)<br/>                     Total bits: 2 UVS + 2 EUV UVFLUSH PACKETS = 0.035 MB UVS + 0.035 MB EUV = 0.071 MB<br/>                     WAVELENGTHS (Angstroms):<br/>                     Emission lines: UVS (S+ 1259, S+ 4070), EUV (S+ 685, S+ 765, O+ 834)<br/>                     2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],<br/>                     G 1239.8-1272.1 (CTR 1256.7, STEP</p> </div> |  |                       |   |                      |                      |
| <b>Design Detail</b>  |  |                       |   |                      |                      |
| PSID  | RIM:mf                                   | CDS PA                |   |                      |                      |
| 384BG   | 0  | 0                     | COMMENT [UVS RIM 0]   |                      |                      |
| 157BE   | 3  | 52                    | CMDRS (10+14*3) [PLAN DUR 121, EST UVS CMDS 3]                      |                      |                      |
| 165BD   | 4  | 27                    | TARGET [CONE 100.58, CLOCK 94.25, POSITION SLEW ALLOCATION 4]       |                      |                      |
|   | 4  |                       | 34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G] |                      |                      |
| 349BZ   | 62:69                                    | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]                                       |                      |                      |
|   | 64                                       |                       | 34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N] |                      |                      |
| 349MA   | 122:69                                   | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]                                       |                      |                      |
|   | 124                                      |                       | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]    |                      |                      |

|   |  |                |  |               |                      |
|---|--|----------------|--|---------------|----------------------|
| Activity ID: Orbit 11   |  | OAPEL TUCTORUS |  | SeqNo 01      |                      |
| Title   | UVS CALLISTO NEUTRAL TORUS 1, E11 INBD |                |  | Instrument    | UVS                  |
| Requestor   | UVS-MWG/S.STEPHENS                     | Team           | UVS  | Working Group | MWG                  |
| Time System   | CDS                                    | Load ID        | E11A   | Calendar Date | 11/03/97             |
|   |  |                |  | Week          | 44                   |
| Start   | JEE-CDS 00005375:00:0                  |                | 97-307/06:06:53.733  |               | JEE-003/18:34:43.333 |
| End   | JEE-CDS 00004561:00:0                  |                | 97-307/19:49:56.400  |               | JEE-003/04:51:40.666 |
| Duration  | 00000814:00:0                          |                | 000/13:43:02.667   |               | 000/13:43:02.667     |
| Top Label   | 11TUCTORUS01-                          |                |  |               |                      |
| Bottom Label  | UVS RTS Callisto Neutral Torus         |                |  |               |                      |
| Plot Key  | UVS                                    | Type           | SCI  |               |                      |
| CDS Bytes   | 270                                    | Report Options | BOTH   | Scan Platform | Yes                  |
| CDS Source  | OAP                                    | SpIn State     | DUAL   | DMS           | No                   |
| <b>Observation Objective</b>  |  |                |  |               |                      |
| <p>UVS CALLISTO NEUTRAL TORUS MIDNIGHT ANSA PROFILE 1, E11 INBOUND<br/>         (GLL-Jup = 39.0 Rj):<br/>         From: 28.71 Rj (outside Callisto ansa) at cone &gt; 90 (Callisto 26.20 Rj mid-observation)<br/>         To: 23.59 Rj (inside Callisto ansa) at fixed cone<br/>         UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rate 2.43 bps UVS):<br/>         UVS deselected; 120-RIM UVFLUSHes usually needed to PACKET UVS after initial DISCRD<br/>         Total bits: 6 UVS UVFLUSH PACKETS = 0.106 MB UVS<br/>         WAVELENGTHS (Angstroms):<br/>         Emission lines: UVS (H 1215, neutral O 1304)<br/>         2POSN-16STEP G/G MINISCAN (UVS): G 1202.8-1225.9 (CTR 1215.1, STEP 54) [EVEN FRAMES],<br/>         G 1290.5-1313.5 (CTR 1302.8, STEP 111) [ODD FRAMES]<br/>         Strategy for MINISCANS: Alternate 30-RIM MINISCANS and 30-RIM</p> |  |                |  |               |                      |
| <b>Design Detail</b>  |  |                |  |               |                      |
| PSID  | RIM:mf                                 | CDS            | PA   |               |                      |
| 384BA   | 0                                      | 0              | COMMENT [UVS RIM 0]  |               |                      |
| 61BA  | 1                                      | 37             | LOOPER [LOOP PERIOD 60, NUM LOOPS 14]                                |               |                      |
| 157BA   | 3                                      | 38             | CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2]                        |               |                      |
| 349BA   | 3:69                                   | 28             | UVFLUSH [6UVRT, DISCRD, UVS]   |               |                      |
| 165BA   | 4                                      | 27             | TARGET [CONE 105.71, CLOCK 95.64, POSITION SLEW ALLOCATION 4]        |               |                      |
|   | 4                                      |                | 34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G] |               |                      |
|   | 34                                     |                | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOPF]     |               |                      |
| 349BC   | 362:69                                 | 28             | UVFLUSH [6UVRT, PACKET, UVS]   |               |                      |
| 349BD   | 482:69                                 | 28             | UVFLUSH [6UVRT, PACKET, UVS]   |               |                      |
| 349BE   | 542:69                                 | 28             | UVFLUSH [6UVRT, PACKET, UVS]   |               |                      |
| 349BF   | 662:69                                 | 28             | UVFLUSH [6UVRT, PACKET, UVS]   |               |                      |
| 349BG   | 812:69                                 | 28             | UVFLUSH [6UVRT, PACKET, UVS]   |               |                      |

|   |   |                       |   |  |
|---|---|-----------------------|---|--|
| <b>Activity ID:</b>   | Orbit 11  | OAPEL JU11AURA        | <b>SeqNo</b>  | 01-  |
| <b>Title</b>  | UVS/EUV AURORA MAP 1, E11 INBOUND   |                       | <b>Instrument</b>   | UVS  |
| <b>Requestor</b>  | UVS-MWG/S.STEPHENS  | <b>Team</b>           | UVS   | <b>Working Group</b> MWG                     |
| <b>Time System</b>  | CDS   | <b>Load ID</b>        | E11A  | <b>Calendar Date</b> 11/05/97 <b>Week</b> 45 |
| <b>Start</b>  | JEE-CDS 00002316:00:0   |                       | 97-309/09:39:53.066   | JEE-001/15:01:44.000                         |
| <b>End</b>  | JEE-CDS 00002252:00:0   |                       | 97-309/10:44:35.733   | JEE-001/13:57:01.333                         |
| <b>Duration</b>   | 00000064:00:0   |                       | 000/01:04:42.667  | 000/01:04:42.667                             |
| <b>Top Label</b>  | 11JU11AURA01-   |                       |   |  |
| <b>Bottom Label</b>   | UVS/EUV RTS Aurora  |                       |   |  |
| <b>Plot Key</b>   | UVS   | <b>Type</b>           | SCI   |  |
| <b>CDS Bytes</b>  | 191   | <b>Report Options</b> | BOTH  | <b>Scan Platform</b> Yes                     |
| <b>CDS Source</b>   | OAP   | <b>Spin State</b>     | DUAL  | <b>DMS</b> No                                |
| <b>Observation Objective</b>  |   |                       |   |  |
|   | UVS/EUV JUPITER AURORA MAP 1, E11 INBOUND (GLL-Jup = 22.7 Rj):                              |                       |   |  |
|   | From: dark side of Jupiter at cone < 90, TARGETING 55 N, 180 W                              |                       |   |  |
|   | To: dark side of Jupiter at fixed cone, TARGETING 55 N, 180 W                               |                       |   |  |
|   | UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rate 4.87 bps UVS, 4.87 bps EUV): |                       |   |  |
|   | UVS and EUV deselected; 60-RIM UVFLUSH needed to PACKET BOTH, after initial DISCRD          |                       |   |  |
|   | Total bits: 1 UVS + 1 EUV UVFLUSH PACKETS = 0.018 MB UVS + 0.018 MB EUV = 0.035 MB          |                       |   |  |
|   | WAVELENGTHS (Angstroms):  |                       |   |  |
|   | Emission lines: UVS (H 1253, H 1611), EUV (H 1253)  |                       |   |  |
|   | F/G FULLSCAN (UVS): F 1616.5-3227.9 (CTR 2436.8, STEP 264) [EVEN FRAMES],                   |                       |   |  |
|   | G 1131.5-1920.1 (CTR 1534.7, STEP 264) [ODD FRAMES]   |                       |   |  |
| Strategy for MINISCANS: Alternate FULLSCANS and HVOFF for PWS quiet |   |                       |   |  |
| <b>Design Detail</b>  |   |                       |   |  |
| PSID  | RIM:mf  | CDS                   | PA  |  |
| 384BI   | 0   | 0                     | COMMENT [UVS RIM 0]   |  |
| 157BF   | 3   | 108                   | CMDRS (10+14*7) [PLAN DUR 253, EST UVS CMDS 7]                        |  |
| 349MB   | 3:69  | 28                    | UVFLUSH [6UVRT, DISCRD, BOTH]   |  |
| 165BE   | 4   | 27                    | TARGET [CONE 88.79, CLOCK 97.27, POSITION SLEW ALLOCATION 4]          |  |
|   | 4   |                       | 34UVS,07,S,N,N,N,S,0,ON,OFF,ON,ON,OFF,NO,1,00,9C,01,2C [F/G FULLSCAN] |  |
|   | 44  |                       | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]      |  |
| 349MC   | 62:69   | 28                    | UVFLUSH [6UVRT, PACKET, BOTH]   |  |



Start UTC.TIME : 1997-309 // 09:43:50.432  
End UTC.TIME : 1997-309 // 10:24:17.097  
Start SCLK : 1/04204194:00:00  
Delta Time between FOV : 303.0000  
FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER  
Target Ra/Dec : 218.55/-16.83 Deg  
S/C to Body Center : 1640995. Km ( 22.953541 Rj )  
Z-axis Pointing ( Ra / Dec ) : 137.25 / 19.00 Deg

|  |        |                                    |   |                               |  |
|--|--------|------------------------------------|---|-------------------------------|--|
| <b>Activity ID:</b> Orbit 11   |        | OAPEL TUI1NANS                     |   | <b>SeqNo</b> 11-              |  |
| <b>Title</b>   |        | UVS NOON ANSA MAP 1-1, E11 INBOUND |   | <b>Instrument</b> UVS         |  |
| <b>Requestor</b>   |        | UVS-MWG/S.STEPHENS                 |   | <b>Team</b> UVS               |  |
|  |        |                                    |   | <b>Working Group</b> MWG      |  |
| <b>Time System</b> CDS   |        | <b>Load ID</b> E11A                |   | <b>Calendar Date</b> 11/06/97 |  |
|  |        |                                    |   | <b>Week</b> 45                |  |
| <b>Start</b>   |        | JEE-CDS 00001430:00:0              |   | 97-310/00:35:43.733           |  |
|  |        |                                    |   | JEE-001/00:05:53.333          |  |
| <b>End</b>   |        | JEE-CDS 00001373:00:0              |   | 97-310/01:33:21.733           |  |
|  |        |                                    |   | JEE-000/23:08:15.333          |  |
| <b>Duration</b>  |        | 00000057:00:0                      |   | 000/00:57:38.000              |  |
|  |        |                                    |   | 000/00:57:38.000              |  |
| <b>Top Label</b>   |        | 11TUI1NANS11-                      |   |                               |  |
| <b>Bottom Label</b>  |        | UVS RTS Torus                      |   |                               |  |
| <b>Plot Key</b>  |        | UVS                                |   | <b>Type</b> SCI               |  |
| <b>CDS Bytes</b>   |        | 275                                |   | <b>Report Options</b> BOTH    |  |
|  |        |                                    |   | <b>Scan Platform</b> Yes      |  |
| <b>CDS Source</b>  |        | OAP                                |   | <b>Spin State</b> DUAL        |  |
|  |        |                                    |   | <b>DMS</b> No                 |  |
| <b>Observation Objective</b>   |        |                                    |   |                               |  |
| <div style="border: 1px solid black; padding: 5px; width: 200px; float: left; margin-right: 10px;"> </div> <p>UVS IO TORUS NOON ANSA MAP 1 (PART 1), E11 INBOUND (GLL-Jup = 16.4 Rj):<br/>         From: 4.84 Rj at cone 90 (torus ribbon at 5.94 Rj, Sys III W Long 351)<br/>         To: 5.16 Rj at fixed cone<br/>         UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rate 5.51 bps UVS):<br/>         UVS deselected; 53-RIM UVFLUSH needed to PACKET UVS (no DISCRD)<br/>         Total bits: 1 UVS UVPLUSH PACKET = 0.018 MB UVS<br/>         WAVELENGTHS (Angstroms):<br/>         Emission lines: UVS (S+ 1259, S+ 4070), EUV (S++ 685, S+ 765, O+ 834)<br/>         2 POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],<br/>         G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]<br/>         Strategy for MINISCANS: Alternate 22STEP and 1STEP MINISCANS for</p> |        |                                    |   |                               |  |
| <b>Design Detail</b>   |        |                                    |   |                               |  |
| PSID   | RIM:mf | CDS                                | PA  |                               |  |
| 384BO  | 0      | 0                                  | COMMENT [UVS RIM 0]   |                               |  |
| 157BG  | 3      | 192                                | CMDRS (10+14*13) [PLAN DUR 488, EST UVS CMDS 13]                                      |                               |  |
| 349NA  | 3:69   | 28                                 | UVFLUSH [6UVRT, DISCRD, UVS]  |                               |  |
| 165BH  | 4      | 27                                 | TARGET [CONE 90.00, CLOCK 96.47, POSITION SLEW ALLOCATION 2]                          |                               |  |
|  | 4      |                                    | 34UVS, D3, F, N, N, N, S, 0, OFF, ON, ON, ON, OFF, NO, 1, D5, 4E, 05, 63 [22STEP N/G] |                               |  |
| 349MR  | 55:69  | 28                                 | UVFLUSH [6UVRT, PACKET, UVS]  |                               |  |
|  | 57     |                                    | 34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NO, 1, 2C, 05, 00, 00 [HVOPF]    |                               |  |



|  |        |                                    |   |                               |  |
|--|--------|------------------------------------|---|-------------------------------|--|
| <b>Activity ID:</b> Orbit 11   |        | OAPEL TU11NANS                     |   | <b>SeqNo</b> 12-              |  |
| <b>Title</b>   |        | UVS NOON ANSA MAP 1-2, E11 INBOUND |   | <b>Instrument</b> UVS         |  |
| <b>Requestor</b>   |        | UVS-MWG/S.STEPHENS                 |   | <b>Team</b> UVS               |  |
|  |        |                                    |   | <b>Working Group</b> MWG      |  |
| <b>Time System</b> CDS   |        | <b>Load ID</b> E11A                |   | <b>Calendar Date</b> 11/06/97 |  |
|  |        |                                    |   | <b>Week</b> 45                |  |
| <b>Start</b>   |        | JEE-CDS 00001359:00:0              |   | 97-310/01:47:31.066           |  |
|  |        |                                    |   | JEE-000/22:54:06.000          |  |
| <b>End</b>   |        | JEE-CDS 00001304:00:0              |   | 97-310/02:43:07.733           |  |
|  |        |                                    |   | JEE-000/21:58:29.333          |  |
| <b>Duration</b>  |        | 00000055:00:0                      |   | 000/00:55:36.667              |  |
|  |        |                                    |   | 000/00:55:36.667              |  |
| <b>Top Label</b>   |        | 11TU11NANS12-                      |   |                               |  |
| <b>Bottom Label</b>  |        | UVS RTS Torus                      |   |                               |  |
| <b>Plot Key</b>  |        | UVS                                |   | <b>Type</b> SCI               |  |
| <b>CDS Bytes</b>   |        | 55                                 |   | <b>Report Options</b> BOTH    |  |
|  |        |                                    |   | <b>Scan Platform</b> Yes      |  |
| <b>CDS Source</b>  |        | OAP                                |   | <b>Spin State</b> DUAL        |  |
|  |        |                                    |   | <b>DMS</b> No                 |  |
| <b>Observation Objective</b>   |        |                                    |   |                               |  |
| <div style="border: 1px solid black; padding: 5px;"> <p>UVS IO TORUS NOON ANSA MAP 1 (PART 2), E11 INBOUND (GLL-Jup = 15.9 Rj):<br/>                 From: 5.27 Rj at cone 90 (torus ribbon at 5.94 Rj, Sys III W Long 351)<br/>                 To: 5.58 Rj at fixed cone<br/>                 UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rate 4.87 bps UVS):<br/>                 UVS deselected; 51-RIM UVFLUSH needed to PACKET UVS (no DISCRD)<br/>                 Total bits: 1 UVS UVFLUSH PACKET = 0.018 MB UVS<br/>                 WAVELENGTHS (Angstroms):<br/>                 Emission lines: UVS (S+ 4070)<br/>                 2POSN-1STEP N/N MINISCAN (UVS): N 4049.2 (STEP 428) [EVEN FRAMES],<br/>                 N 4071.2 (STEP 436) [ODD FRAMES]<br/>                 Strategy for MINISCANS: Alternate 22STEP and 1STEP MINISCANS for PWS quiet</p> </div> |        |                                    |   |                               |  |
| <b>Design Detail</b>   |        |                                    |   |                               |  |
| PSID   | RIM:mf | CDS PA                             |   |                               |  |
| 384BP  | 0      | 0                                  | COMMENT [UVS RIM 0]   |                               |  |
| 165BI  | 4      | 27                                 | TARGET [CONE 90.00, CLOCK 96.47, POSITION SLEW ALLOCATION 4]        |                               |  |
|  | 4      |                                    | 34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N] |                               |  |
| 349MS  | 53:69  | 28                                 | UVFLUSH [6UVRT, PACKET, UVS]  |                               |  |
|  | 55     |                                    | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]    |                               |  |

|   |                                  |                       |  |  |
|---|----------------------------------|-----------------------|--|--|
| <b>Activity ID:</b>   | Orbit 11                         | OAPEL TUI1NANS        | <b>SeqNo</b>   | 02-  |
| <b>Title</b>  | UVS NOON ANSA MAP 2, E11 INBOUND |                       | <b>Instrument</b>  | UVS  |
| <b>Requestor</b>  | UVS-MWG/S.STEPHENS               | <b>Team</b>           | UVS  | <b>Working Group</b> MWG                     |
| <b>Time System</b>  | CDS                              | <b>Load ID</b>        | E11A   | <b>Calendar Date</b> 11/06/97 <b>Week</b> 45 |
| <b>Start</b>  | JEE-CDS 00001269:00:0            |                       | 97-310/03:18:31.066  | JEE-000/21:23:06.000                         |
| <b>End</b>  | JEE-CDS 00001147:00:0            |                       | 97-310/05:21:52.400  | JEE-000/19:19:44.666                         |
| <b>Duration</b>   | 00000122:00:0                    |                       | 000/02:03:21.334   | 000/02:03:21.334                             |
| <b>Top Label</b>  | 11TUI1NANS02-                    |                       |  |  |
| <b>Bottom Label</b>   | UVS RTS Torus                    |                       |  |  |
| <b>Plot Key</b>   | UVS                              | <b>Type</b>           | SCI  |  |
| <b>CDS Bytes</b>  | 167                              | <b>Report Options</b> | BOTH   | <b>Scan Platform</b> Yes                     |
| <b>CDS Source</b>   | OAP                              | <b>Spin State</b>     | DUAL   | <b>DMS</b> No                                |
| <b>Observation Objective</b>  |                                  |                       |  |  |
| <p>UVS IO TORUS NOON ANSA MAP 2 (HIGH-RATE RIBBON), E11 INBOUND (GLL-Jup = 15.0 Rj):<br/>                 From: 5.58 Rj at cone 90 (torus ribbon at 5.94 Rj, Sys III W Long 351)<br/>                 To: 6.30 Rj at fixed cone<br/>                 UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rate 4.87 bps UVS):<br/>                 UVS and EUV deselected; 60-RIM UVFLUSHes needed to PACKET UVS<br/>                 Total bits: 4 UVS UVFLUSH PACKETS = 0.071 MB UVS<br/>                 WAVELENGTHS (Angstroms):<br/>                 Emission lines: UVS (S+ 1259, O+ 3728, S+ 4070), EUV (S+ 685, S+ 765, O+ 834)<br/>                 2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],<br/>                 G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]<br/>                 2POSN-22STEP N/N MINISCAN (UVS): N 3700.0-3759.3 (CTR 3731.1, STEP</p> |                                  |                       |  |  |
| <b>Design Detail</b>  |                                  |                       |  |  |
| PSID  | RIM:mf                           | CDS                   | PA   |  |
| 384BQ   | 0                                | 0                     | COMMENT [UVS RIM 0]  |  |
| 349NB   | 1:69                             | 28                    | UVFLUSH [6UVRT, DISCRD, UVS]   |  |
| 165BJ   | 2                                | 27                    | TARGET [CONE 90.90, CLOCK 96.47, POSITION SLEW ALLOCATION 1]         |  |
|   | 2                                |                       | 34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]  |  |
| 349MT   | 30:69                            | 28                    | UVFLUSH [6UVRT, PACKET, UVS]   |  |
|   | 32                               |                       | 34UVS,D3,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,5B,4E,00,7A [22STEP N/N] |  |
| 349MU   | 60:69                            | 28                    | UVFLUSH [6UVRT, PACKET, UVS]   |  |
|   | 62                               |                       | 34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]  |  |
| 349MV   | 90:69                            | 28                    | UVFLUSH [6UVRT, PACKET, UVS]   |  |
|   | 92                               |                       | 34UVS,D3,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,5B,4E,00,7A [22STEP N/N] |  |
| 349MW   | 120:69                           | 28                    | UVFLUSH [6UVRT, PACKET, UVS]   |  |
|   | 122                              |                       | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]     |  |

|   |  |                |  |               |                      |
|---|--|----------------|--|---------------|----------------------|
| Activity ID: Orbit 11   |  | OAPEL NUGRATNG |  | SeqNo 01-     |                      |
| Title   | UVS GRATING EXERCISE 1   |                |  | Instrument    | UVS                  |
| Requestor   | UVS-MWG/S.STEPHENS   | Team           | UVS  | Working Group | MWG                  |
| Time System   | CDS  | Load ID        | E11B   | Calendar Date | 11/21/97 Week 47     |
| Start   | JEE+CDS 00019939:00:0  |                | 97-325/00:42:09.732  |               | JEE+014/00:00:32.666 |
| End   | JEE+CDS 00020121:00:0  |                | 97-325/03:46:11.066  |               | JEE+014/03:04:34.000 |
| Duration  | 00000182:00:0  |                | 000/03:04:01.334   |               | 000/03:04:01.334     |
| Top Label   | 11NUGRATNG01-  |                |  |               |                      |
| Bottom Label  | UVS Grating Exercise   |                |  |               |                      |
| Plot Key  | UVS  | Type           | SCI  |               |                      |
| CDS Bytes   | 94   | Report Options | BOTH   | Scan Platform | Yes                  |
| CDS Source  | OAP  | Spin State     | ALL  | DMS           | No                   |
| <b>Observation Objective</b>  |  |                |  |               |                      |
|   | UVS REQUIRED GRATING EXERCISE 1 (GLL-Jup = 79.5 Rj):                                     |                |  |               |                      |
|   | To comply with Flight Rule 34A05 (UVS Power On), the UVS grating must be exercised at    |                |  |               |                      |
|   | least once every two weeks. The UVS Team prefers that we also monitor the performance    |                |  |               |                      |
|   | of the UVS grating by FLUSHing 3 hours of full-scan G-channel or 88-step mini-scan data. |                |  |               |                      |
|   | The FULLSCAN G UVS instrument command will exercise the grating, with High Voltage ON.   |                |  |               |                      |
| NOTE: It is assumed that we are pointed at the scan-platform safe position, 153 cone and 300 clock. |  |                |  |               |                      |
| <b>Design Detail</b>  |  |                |  |               |                      |
| PSID  | RIM:mf   | CDS PA         |  |               |                      |
| 384BA   | 0  | 0              | COMMENT [UVS RIM 0]  |               |                      |
| 157BA   | 1  | 38             | CMDRS (10+14*2) [PLAN DUR 181, EST UVS CMDS 2]                       |               |                      |
| 349BA   | 1:69   | 28             | UVFLUSH [6UVRT, DISCRD, UVS]   |               |                      |
|   | 2  |                | 34UVS,07,S,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,9D,00,00 [FULLSCAN G] |               |                      |
| 349BB   | 180:69   | 28             | UVFLUSH [6UVRT, PACKET, UVS]   |               |                      |
|   | 182  |                | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]     |               |                      |

|   |        |                        |  |                               |  |
|---|--------|------------------------|--|-------------------------------|--|
| <b>Activity ID:</b> Orbit 11  |        | <b>OAPEL</b> NUGRATNG  |  | <b>SeqNo</b> 02-              |  |
| <b>Title</b>  |        | UVS GRATING EXERCISE 2 |  | <b>Instrument</b> UVS         |  |
| <b>Requestor</b>  |        | UVS-MWG/S.STEPHENS     |  | <b>Team</b> UVS               |  |
|   |        |                        |  | <b>Working Group</b> MWG      |  |
| <b>Time System</b> CDS  |        | <b>Load ID</b> E11B    |  | <b>Calendar Date</b> 12/05/97 |  |
|   |        |                        |  | <b>Week</b> 49                |  |
| <b>Start</b>  |        | JEE+CDS 00039878:00:0  |  | 97-339/00:42:42.399           |  |
|   |        |                        |  | JEE+028/00:01:05.333          |  |
| <b>End</b>  |        | JEE+CDS 00040060:00:0  |  | 97-339/03:46:43.732           |  |
|   |        |                        |  | JEE+028/03:05:06.666          |  |
| <b>Duration</b>   |        | 00000182:00:0          |  | 000/03:04:01.333              |  |
|   |        |                        |  | 000/03:04:01.333              |  |
| <b>Top Label</b>  |        | 11NUGRATNG02-          |  |                               |  |
| <b>Bottom Label</b>   |        | UVS Grating Exercise   |  |                               |  |
| <b>Plot Key</b>   |        | UVS                    |  | <b>Type</b> SCI               |  |
| <b>CDS Bytes</b>  |        | 94                     |  | <b>Report Options</b> BOTH    |  |
|   |        |                        |  | <b>Scan Platform</b> Yes      |  |
| <b>CDS Source</b>   |        | OAP                    |  | <b>Spin State</b> ALL         |  |
|   |        |                        |  | <b>DMS</b> No                 |  |
| <b>Observation Objective</b>  |        |                        |  |                               |  |
| <div style="border: 1px solid black; padding: 5px; width: 200px; height: 150px; display: inline-block; vertical-align: top;"> </div> <p>UVS REQUIRED GRATING EXERCISE 2 (GLL-Jup = 73.2 Rj):<br/>         To comply with Flight Rule 34A05 (UVS Power On), the UVS grating must be exercised at least once every two weeks. The UVS Team prefers that we also monitor the performance of the UVS grating by FLUSHing 3 hours of full-scan G-channel or 88-step mini-scan data.<br/>         The 88STEP G/G UVS instrument command will exercise the grating, with High Voltage ON.<br/>         NOTE: It is assumed that we are pointed at the scan-platform safe position, 153 cone and 300 clock.</p> |        |                        |  |                               |  |
| <b>Design Detail</b>  |        |                        |  |                               |  |
| PSID  | RIM:mf | CDS                    | PA   |                               |  |
| 384BB   | 0      | 0                      | COMMENT [UVS RIM 0]  |                               |  |
| 157BB   | 1      | 38                     | CMDRS (10+14*2) [PLAN DUR 181, EST UVS CMDS 2]                       |                               |  |
| 349BC   | 1:69   | 28                     | UVFLUSH [6UVRT, DISCRD, UVS]   |                               |  |
|   | 2      |                        | 34UVS,DF,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,7D,00,2C [88STEP G/G] |                               |  |
| 349BD   | 180:69 | 28                     | UVFLUSH [6UVRT, PACKET, UVS]   |                               |  |
|   | 182    |                        | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]     |                               |  |