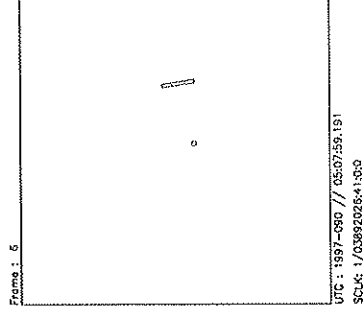
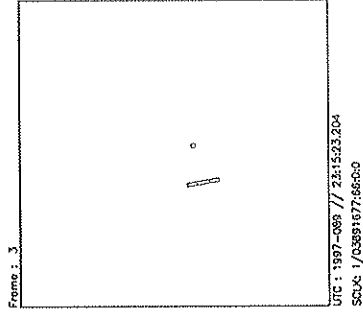
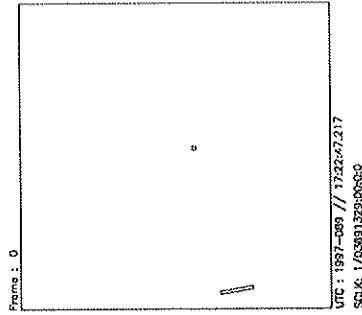
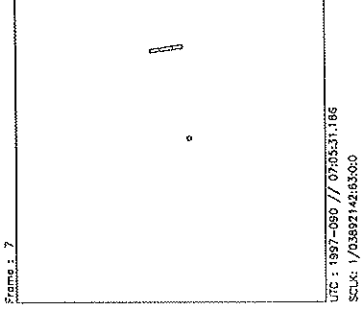
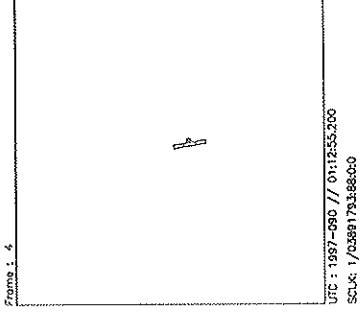
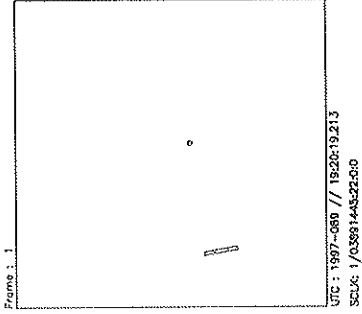


| | | | | | |
|---|--|----------------|---------------------|--|----------------------|
| Activity ID: Orbit G7 | | OAPEL TUCTORUS | | SeqNo 02- | |
| Title | UVS CALLISTO NEUTRAL TORUS G7 INBOUND | | | Instrument | UVS |
| Requestor | UVS-MWG/S.STEPIENS | | Team | UVS | Working Group MWG |
| Time System | CDS | Load ID | G7A | Calendar Date | 03/30/97 |
| | | | | Week | 13 |
| Start | JEE-CDS 00006750:00:0 | | 97-089/17:18:48.400 | | JEE-004/17:45:00.000 |
| End | JEE-CDS 00005786:00:0 | | 97-090/09:33:31.067 | | JEE-004/01:30:17.333 |
| Duration | 00000964:00:0 | | 000/16:14:42.667 | | 000/16:14:42.667 |
| Top Label | G7TUCTORUS02- | | | | |
| Bottom Label | (UVS RTS Callisto Torus) | | | | |
| Plot Key | UVS | Type | SCI | | |
| CDS Bytes | 363 | Report Options | BOTH | Scan Platform | Yes |
| CDS Source | PA | Spin State | DUAL | DMS | No |
| Observation Objective | | | | | |
| | UVS CALLISTO NEUTRAL TORUS MIDNIGHT ANSA PROFILE 2, G7 INBOUND: | | | | |
| | From: 28.57 Rj (outside Callisto ansa) at cone > 90 (ansa at 25.64 Rj) | | | | |
| | To: 23.49 Rj (inside Callisto ansa) at fixed cone | | | | |
| | Data rate: Instrument states last 120 RIMS; thus, 2.43 bps UVS | | | | |
| | OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): | | | | |
| | UVS deselected; thus, 120-RIM UVFLUSHes needed to PACKET UVS, after | | | | |
| | initial DISCRD | | | | |
| | WAVELENGTHS (Angstroms): | | | | |
| | Emission lines: UVS (H2 1216, neutral O 1304) | | | | |
| | 2POSN-16STEP G/G MINISCAN (UVS): G 1202.8-1225.9 (CTR 1215.1, STEP | | | | |
| 54) [EVEN FRAMES], | | | | | |
| G 1290.5-1313.5 (CTR 1302.8, STEP | | | | | |
| 111) [ODD FRAMES] | | | | | |
| Strategy for MINISCANS: Alternate 30-RIM MINISCANS and 30-RIM | | | | | |
| HVOFFs for PWS quiet | | | | | |
| NOTE: Callisto in UVS field-of-view at observation mid-point (i.e., | | | | | |
| Design Detail | | | | | |
| PSID | RIM:mf | CDS | PA | | |
| 384BA | 0 | 0 | | COMMENT [UVS RIM 0] | |
| 61BA | 1 | 37 | | LOOPER [LOOP PERIOD 60, NUM LOOPS 22] | |
| 157BA | 3 | 38 | | CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2] | |
| 349BA | 3:69 | 28 | | UVFLUSH [6UVRT, DISCRD, UVS] | |
| 165BA | 4 | 36 | | TARGET [CONE 98.67, CLOCK 95.07, POSITION SLEW ALLOCATION 4] | |
| | 4 | | | 34UVS,DI,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G] | |
| | 34 | | | 34UVS,Ci,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF] | |
| 349BB | 122:69 | 224 | | UVFLUSH (28*8) [6UVRT, PACKET, UVS] | |
| ...BI | | | | ... [REPEAT 7 ADDITIONAL TIMES] | |

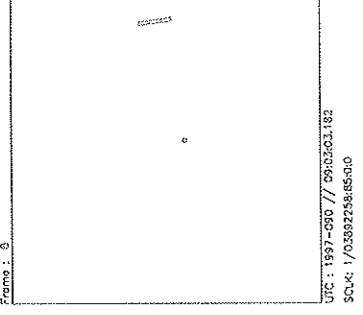
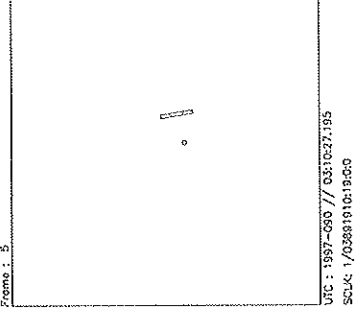
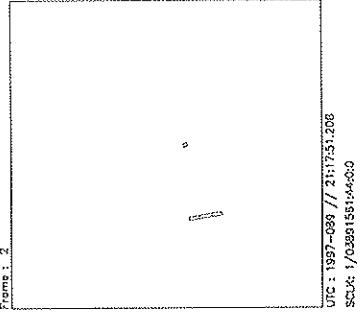
CALLISTO
NEUTRAL TORUS
MIDNIGHT AIA-A



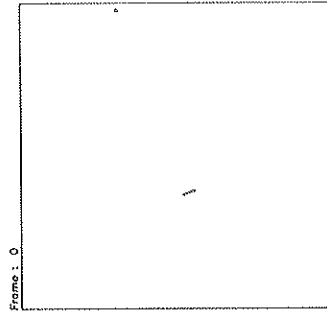
Start UTC_TIME : 1997-089 // 17:22:47.217
No End Time :
Start SCLK : 1/03891329:00:00



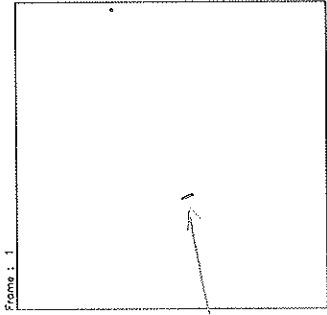
Target Body : CALLISTO
Target Cone/Clock : 95.05 / 95.20 Deg
S/C to Body Center : 2742416. Km (114.12+66 Rc)
Z-axis Pointing (Ra / Dec) : 156.90 / 15.10 Deg



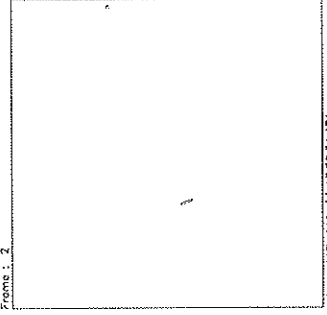
| | | | | | |
|---|---|-----------------------|--|----------------------|----------------------|
| Activity ID: | Orbit G7 | OAPEL | TUGTORUS | SeqNo | 02- |
| Title | UVS GANYMEDE NEUTRAL TORUS G7 INBOUND | | | Instrument | UVS |
| Requestor | UVS-MWG/S.STEPIENS | Team | UVS | Working Group | MWG |
| Time System | CDS | Load ID | G7A | Calendar Date | 03/31/97 |
| Week | 13 | | | | |
| Start | JEE-CDS 00005786:00:0 | | 97-090/09:33:31.067 | | JEE-004/01:30:17.333 |
| End | JEE-CDS 00004706:00:0 | | 97-091/03:45:31.067 | | JEE-003/07:18:17.333 |
| Duration | 00001080:00:0 | | 000/18:12:00.000 | | 000/18:12:00.000 |
| Top Label | G7TUGTORUS02- | | | | |
| Bottom Label | (UVS RTS Ganymede Torus) | | | | |
| Plot Key | UVS | Type | SCI | | |
| CDS Bytes | 399 | Report Options | BOTH | Scan Platform | Yes |
| CDS Source | PA | Spin State | DUAL | DMS | No |
| Observation Objective | | | | | |
| | UVS GANYMEDE NEUTRAL TORUS MIDNIGHT ANSA PROFILE 2, G7 INBOUND: | | | | |
| | From: 17.84 Rj (outside Ganymede ansa) at cone 90 (ansa at 14.97 Rj) | | | | |
| | To: 12.19 Rj (inside Ganymede ansa) at cone 90 (OPNAV window from 16.03 to 15.40 Rj) | | | | |
| | Data rate: Instrument states usually last 120 RIMS; thus, 2.43 bps UVS | | | | |
| | OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): | | | | |
| | UVS deselected; thus, 120-RIM UVFLUSHes needed to PACKET UVS | | | | |
| | WAVELENGTHS (Angstroms): | | | | |
| | Emission lines: UVS (H2 1216, neutral O 1304) | | | | |
| | 2POSN-16STEP G/G MINISCAN (UVS): G 1202.8-1225.9 (CTR 1215.1, STEP 54) [EVEN FRAMES], | | | | |
| | G 1290.5-1313.5 (CTR 1302.8, STEP 111) [ODD FRAMES] | | | | |
| Strategy for MINISCANS: Alternate 30-RIM MINISCANS and 30-RIM HVOPFs for PWS quiet, | | | | | |
| Design Detail | | | | | |
| PSID | RIM:mf | CDS | PA | | |
| 384BB | -1 | 0 | COMMENT [UVS RIM 0] | | |
| 165BB | 0 | 36 | TARGET [CONE 90.00, CLOCK 95.40, POSITION SLEW ALLOCATION 1] | | |
| | 0 | | 34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G] | | |
| | 30 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOPF] | | |
| 349BK | 118:69 | 28 | UVFLUSH [6UVRT, PACKET, UVS] | | |
| 349BL | 238:69 | 28 | UVFLUSH [6UVRT, PACKET, UVS] | | |
| 349BM | 358:69 | 28 | UVFLUSH [6UVRT, PACKET, UVS] | | |
| 61BB | 478 | 37 | LOOPER [LOOP PERIOD 60, NUM LOOPS 10] | | |
| 157BB | 479 | 38 | CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2] | | |
| 349BN | 479:69 | 28 | UVFLUSH [6UVRT, DISCRD, UVS] | | |
| 165BR | 480 | 36 | TARGET [CONE 90.00, CLOCK 95.40, POSITION SLEW ALLOCATION 4] | | |
| | 480 | | 34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G] | | |
| | 510 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOPF] | | |
| 349BO | 598:69 | 140 | UVFLUSH (28*5) [6UVRT, PACKET, UVS] | | |
| ...BS | | | ... [REPEAT 4 ADDITIONAL TIMES] | | |



Frame : 0
 UTC : 1997-090 // 09:33:27.181
 SCLX: 1/03892289:00:0:0

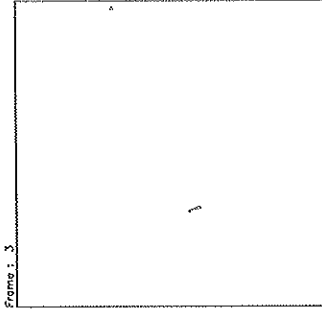


Frame : 1
 UTC : 1997-090 // 11:46:50.176
 SCLX: 1/03892426:20:0:0

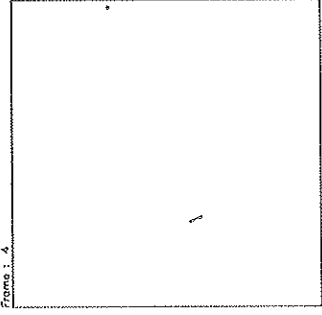


Frame : 2
 UTC : 1997-090 // 13:58:05.171
 SCLX: 1/03892551:44:0:0

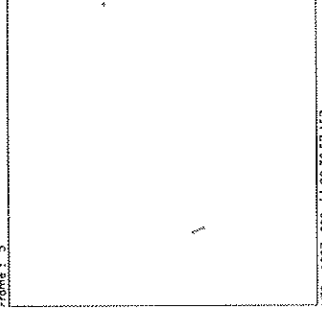
*GABBY
 No WT. MILDENHUT
 TONG-A-TOGA*



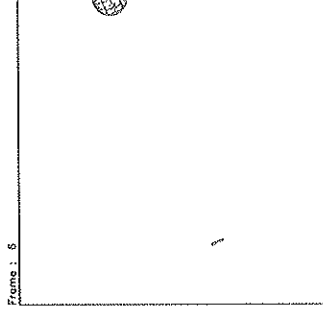
Frame : 3
 UTC : 1997-090 // 15:11:33.165
 SCLX: 1/03892692:56:0:0



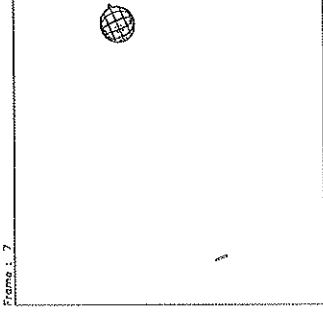
Frame : 4
 UTC : 1997-090 // 18:24:15.161
 SCLX: 1/03892813:88:0:0



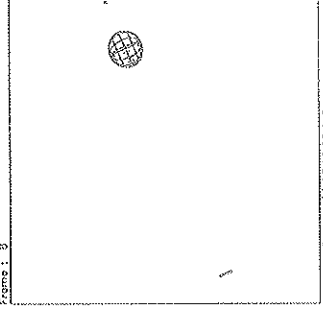
Frame : 5
 UTC : 1997-090 // 20:36:57.137
 SCLX: 1/03892945:19:0:0



Frame : 6
 UTC : 1997-090 // 22:49:39.152
 SCLX: 1/03893076:41:0:0



Frame : 7
 UTC : 1997-091 // 01:02:21.147
 SCLX: 1/03893207:63:0:0

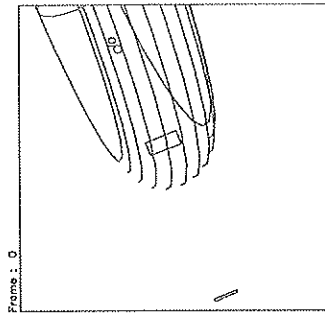


Frame : 8
 UTC : 1997-091 // 03:15:03.142
 SCLX: 1/03893338:95:0:0

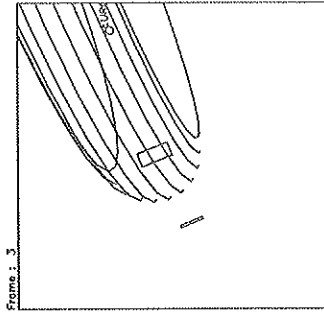
Start UTC_TIME : 1997-090 // 09:33:27.181
 No End Time :
 Start SCLX : 1/03892289:00:0:0

Target Body : CANYMEDE
 Target Cone/Clock : 77.51 / 95.78 Deg
 S/C to Body Center : 211463. Km (802.82445 Rg)
 Z-axis Pointing (Rc / Dec) : 156.90 / 15.10 Deg

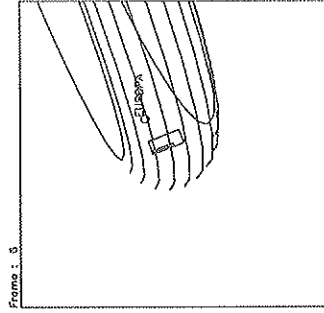
| | | | | | |
|--|--|----------------|--------------------|---|----------------------|
| Activity ID: Orbit G7 | | OAPEL TUG7MANS | | SeqNo 01- | |
| Title | UVS/EUV MDNT ANSA MAP 1, LO RATE G7 INBD | | | Instrument | UVS |
| Requestor | UVS-MWG/S.STEPIENS | Team | UVS | Working Group | MWG |
| Time System | CDS | Load ID | G7A | Calendar Date | 04/01/97 |
| | | | | Week | 14 |
| Start | JEE-CDS 00004157:00:0 | | 97-09/13:00:37.067 | | JEE-002/22:03:11.333 |
| End | JEE-CDS 00003613:00:0 | | 97-09/22:10:39.734 | | JEE-002/12:53:08.666 |
| Duration | 00000544:00:0 | | 000/09:10:02.667 | | 000/09:10:02.667 |
| Top Label | G7TUG7MANS01- | | | | |
| Bottom Label | (UVS/EUV RTS Torus) | | | | |
| Plot Key | UVS | Type | SCI | | |
| CDS Bytes | 391 | Report Options | BOTH | Scan Platform | Yes |
| CDS Source | PA | Spin State | DUAL | DMS | No |
| Observation Objective | | | | | |
| <p>UVS/EUV IO TORUS MIDNIGHT ANSA MAP 1, LOW RATE, G7 INBOUND: From: 9.15 Rj (Europa) at cone 90 (ribbon at 5.76 Rj, Sys III W Long 283) To: 6.08 Rj at cone 90 Data rate: Instrument states last 60 RIMS; thus, 4.87 bps UVS, 4.87 bps EUV OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS/EUV deselected; thus, 60-RIM UVFLUSHes needed to PACKET BOTH, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (S+ 1259, S+ 4070), EUV (S++ 685, S+ 765, O+ 834) 2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES], G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES] 2POSN-1STEP N/N MINISCAN (UVS): N 4049.2 (STEP 428) [EVEN</p> | | | | | |
| Design Detail | | | | | |
| PSID | RIM:mf | CDS | PA | | |
| 384BD | 0 | 0 | | COMMENT [UVS RIM 0] | |
| 61BC | 2 | 37 | | LOOPER [LOOP PERIOD 120, NUM LOOPS 5] | |
| 157BC | 3 | 38 | | CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2] | |
| 349BT | 3:69 | 28 | | UVFLUSH [6UVRT, DISCRD, BOTH] | |
| 165BC | 4 | 36 | | TARGET [CONE 90.00, CLOCK 95.30, 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] | |
| 349BU | 62:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | |
| | 64 | | | 34UVS, D3, F, N, N, N, S, 0, OFF, ON, ON, ON, OFF, NO, 1, D5, 4E, 05, 63 [22STEP N/G] | |
| 349BV | 122:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | |
| 349BW | 182:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | |
| 349BX | 242:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | |
| 349BY | 302:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | |
| 349BZ | 362:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | |
| 349MA | 422:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | |
| 349MB | 482:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | |
| 349MC | 542:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | |



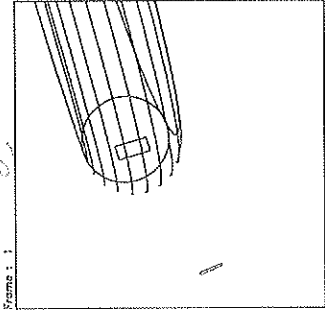
Frame : 0
 UTC : 1997-091 // 13:04:35.787
 SCLX: 1/03894022:00:0:0



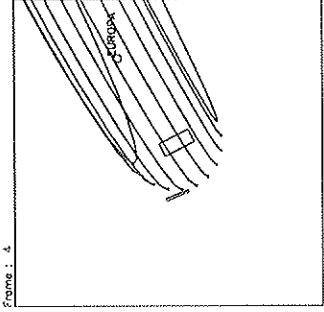
Frame : 3
 UTC : 1997-091 // 17:59:55.776
 SCLX: 1/0389421:00:0:0



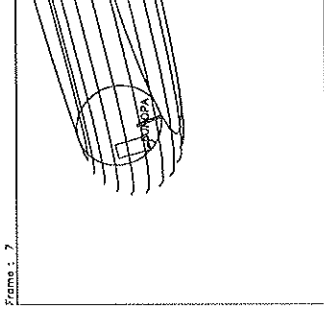
Frame : 6
 UTC : 1997-091 // 22:52:17.765
 SCLX: 1/03894508:19:0:0



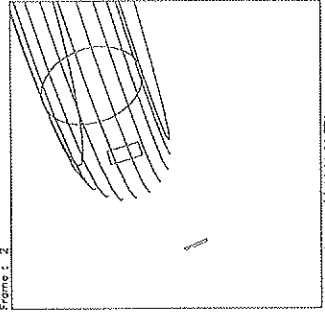
Frame : 1
 UTC : 1997-091 // 14:43:02.783
 SCLX: 1/03894019:33:5:0



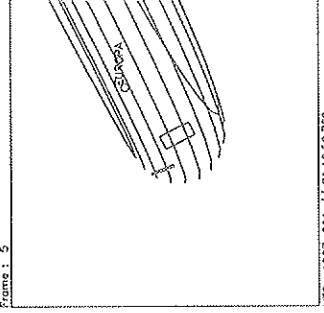
Frame : 4
 UTC : 1997-091 // 19:38:23.772
 SCLX: 1/03894311:43:0:0



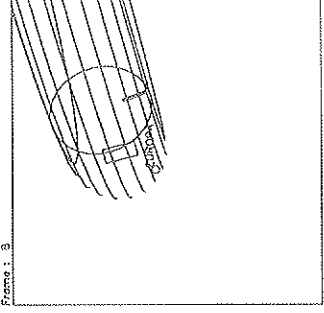
Frame : 7
 UTC : 1997-092 // 00:33:44.761
 SCLX: 1/03894603:52:0:0



Frame : 2
 UTC : 1997-091 // 18:21:29.779
 SCLX: 1/03894116:07:0:0



Frame : 5
 UTC : 1997-091 // 21:16:50.769
 SCLX: 1/03894408:76:5:0

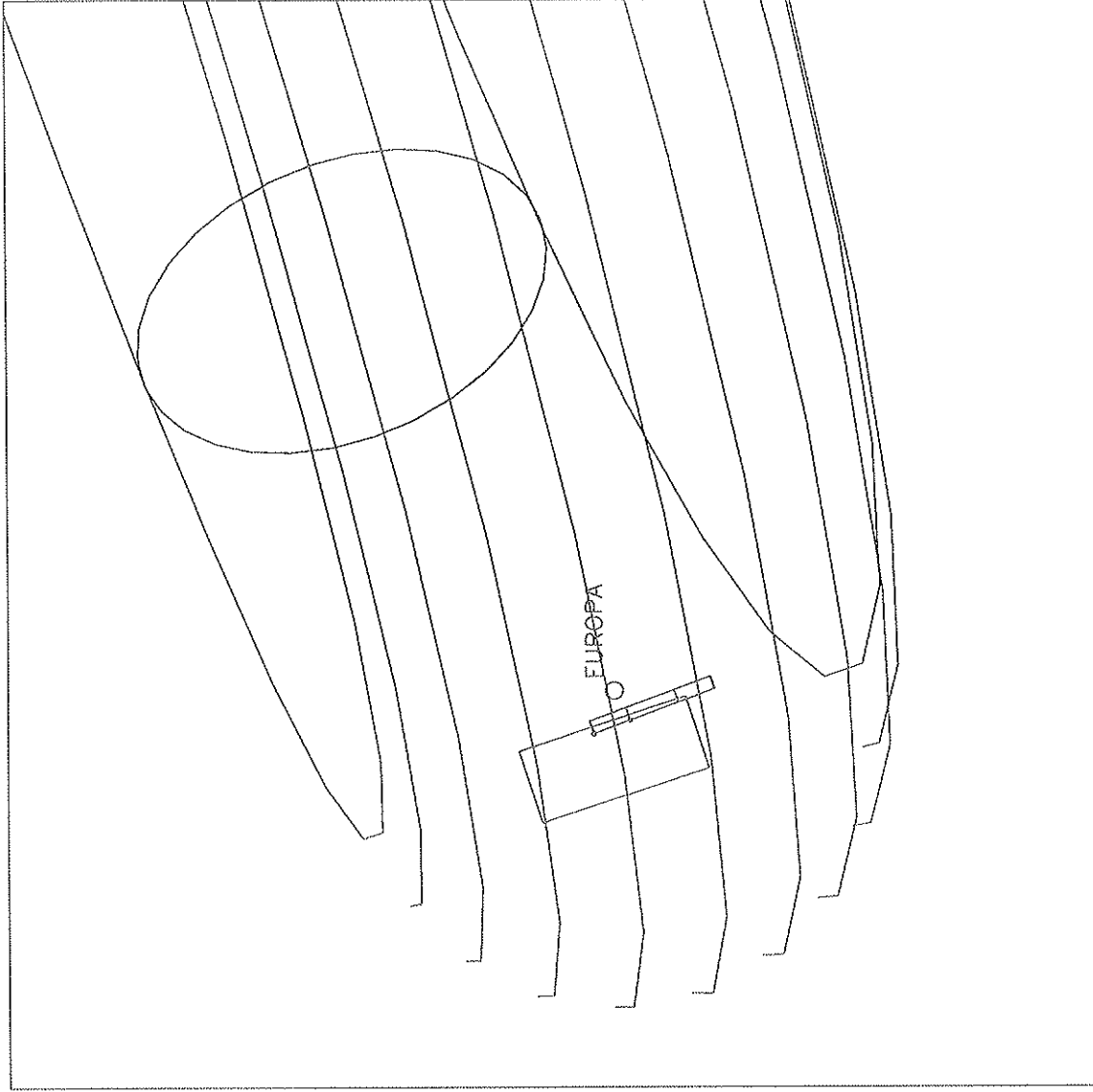


Frame : 8
 UTC : 1997-092 // 02:12:11.758
 SCLX: 1/03894700:86:0:0

Target Body : JUPITER
 Target Cone/Clock : 74.46 / 96.06 Deg
 S/C to Body Center : 2435614. Km (34.068348 Rj)
 Z-axis Pointing (Ra / Dec) : 136.90 / 15.10 Deg

Start UTC_TIME : 1997-091 // 13:04:35.787
 No End Time :
 Start SCLX : 1/03893922:00:0:0

Wed Mar 12 17:48:11 1997

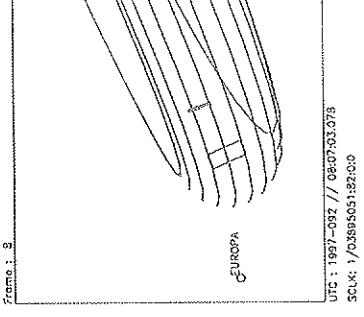
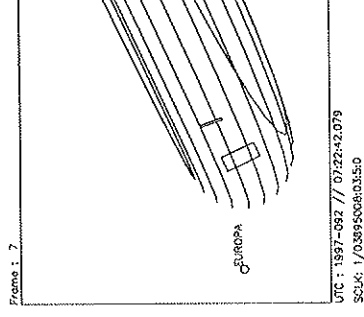
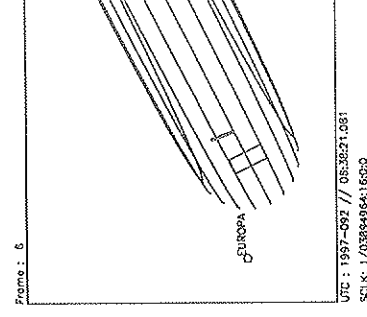
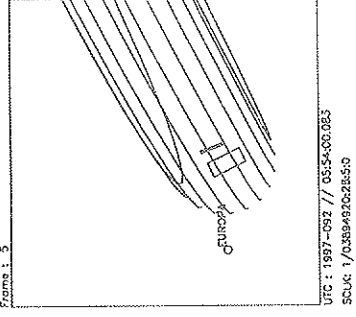
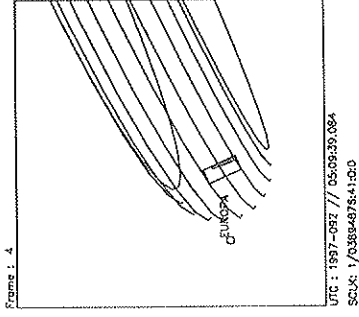
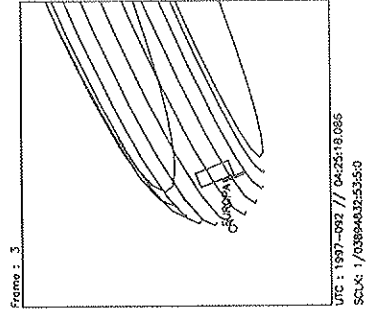
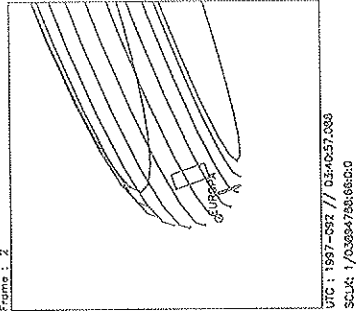
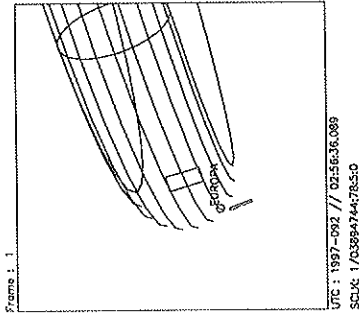
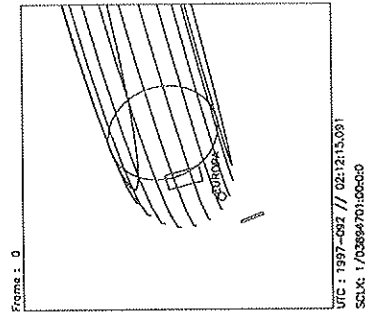


Start UTC_TIME : 1997-091 // 23:45:38.430
No End Time :
Start SCLK : 1/03894356:00:0:0
Target Body : JUPITER
Target Cone/Clock : 79.55/ 95.89 Deg
S/C to Body Center : 2175894, Km (30.435484 Rj)
Z-axis Pointing (Ra / Dec) : 136.90 / 15.10 Deg

| | | | | | | | |
|--|--|----------------|---------------------|--|---------------|-------|----|
| Activity ID: | Orbit G7 | OAPEL TUG7MANS | SeqNo | 02- | | | |
| Title | UVS/EUV MDNT ANSA MAP 2, HI RATE G7 INBD | | Instrument | UVS | | | |
| Requestor | UVS-MWG/S.STEPHENS | Team | UVS | Working Group | MWG | | |
| Time System | CDS | Load ID | G7A | Calendar Date | 04/01/97 | Week | 14 |
| Start | JEE-CDS 00003613:00:0 | | 97-091/22:10:39.734 | JEE-002/12:53:08.666 | 30. | 99 RJ | |
| End | JEE-CDS 00003493:00:0 | | 97-092/00:11:59.734 | JEE-002/10:51:48.666 | 30.2 | RJ | |
| Duration | 00000120:00:0 | | 000/02:01:20.000 | 000/02:01:20.000 | | | |
| Top Label | G7TUG7MANS02- | | | | | | |
| Bottom Label | (UVS/EUV RTS Torus) | | | | | | |
| Plot Key | UVS | Type | SCI | | Scan Platform | Yes | |
| CDS Bytes | 164 | Report Options | BOTH | | DMS | No | |
| CDS Source | PA | Spin State | DUAL | | | | |
| Observation Objective | | | | | | | |
| <p>UVS/EUV IO TORUS MIDNIGHT ANSA MAP 2, HIGH RATE (RIBBON), G7 INBOUND: From: 6.08 Rj at cone 90 (ribbon at 5.76 Rj, Sys III W Long 283) To: 5.39 Rj at cone 90 Data rate: Instrument states last 30 RIMS; thus, 9.73 bps UVS, 9.73 bps EUV OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS/EUV deselected; thus, 30-RIM UVFLUSHes needed to PACKET BOTH WAVELENGTHS (Angstroms): Emission lines: UVS (S+ 1259, O+ 3728, S+ 4070), EUV (S++ 685, S+ 765, O+ 834) 2 POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES], G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES] 2 POSN-22STEP N/N MINISCAN (UVS): N 3700.0-3759.3 (CTR 3731.1, STEP 314) [EVEN FRAMES], N 4040.9-4098.7 (CTR 4071.2, STEP</p> | | | | | | | |
| Design Detail | | | | | | | |
| PSID | RIM:mf | CDS | PA | | | | |
| 384BE | 0 | 0 | | COMMENT [UVS RIM 0] | | | |
| 349MD | 28:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | | | |
| 157BE | 29 | 52 | | CMDRS (10+14*3) [PLAN DUR 61, EST UVS CMDS 3] | | | |
| | 30 | | | 34UVS, D3, F, N, N, N, S, 0, OFF, ON, OFF, ON, OFF, NO, 1, 5B, 4E, 00, 7A [22STEP N/N] | | | |
| 349ME | 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] | | | |
| 349MF | 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] | | | |
| 349MG | 118:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | | | |

| | | | |
|---|---|---------------------|---|
| Activity ID: Orbit G7 | OAPEL TUG7MANS | | SeqNo 03- |
| Title | UVS/EUV MDNT ANSA MAP 3, LO RATE G7 INBD | Instrument | UVS |
| Requestor | UVS-MWG/S.STEPIENS | Team | UVS |
| | | Working Group | MWG |
| Time System CDS | Load ID G7A | Calendar Date | 04/02/97 Week 14 |
| Start | JEE-CDS 00003493:00:0 | 97-092/00:11:59.734 | JEE-002/10:51:48.666 20.2 Rj |
| End | JEE-CDS 00003373:00:0 | 97-092/02:13:19.734 | JEE-002/08:50:28.666 21.87 Rj |
| Duration | 00000120:00:0 | 000/02:01:20.000 | 000/02:01:20.000 |
| Top Label | G7TUG7MANS03- | | |
| Bottom Label | (UVS/EUV RTS Torus) | | |
| Plot Key | UVS | Type | SCI |
| CDS Bytes | 131 | Report Options | BOTH Scan Platform Yes |
| CDS Source | PA | Spin State | DUAL DMS No |
| Observation Objective | | | |
| | UVS/EUV IO TORUS MIDNIGHT ANSA MAP 3, LOW RATE, G7 INBOUND: | | |
| | From: 5.39 Rj at cone 90 (ribbon at 5.76 Rj, Sys III W Long 283) | | |
| | To: 4.70 Rj (inside ribbon) at cone 90 | | |
| | Data rate: Instrument states last 60 RIMS; thus, 4.87 bps UVS, 4.87 bps EUV | | |
| | OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): | | |
| | UVS/EUV deselected; thus, 60-RIM UVFLUSHes needed to PACKET BOTH WAVELENGTHS (Angstroms): | | |
| Emission lines: UVS (S+ 1259, S+ 4070), EUV (S++ 685, S+ 765, O+ 834) | | | |
| 2 POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES], | | | |
| G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES] | | | |
| 2 POSN-1STEP N/N MINISCAN (UVS): N 4049.2 (STEP 428) [EVEN FRAMES], | | | |
| N 4071.2 (STEP 436) [ODD FRAMES] | | | |
| Design Detail | | | |
| PSID | RIM:mf | CDS | PA |
| 384BF | -2 | 0 | COMMENT [UVS RIM 0] |
| 61BD | -2 | 37 | LOOPER [LOOP PERIOD 120, NUM LOOPS 4] |
| 157BF | -1 | 38 | CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2] |
| | 0 | | 34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,DB,06,00,08 [1STEP N/N] |
| 349MH | 58:69 | 28 | UVFLUSH [GUVRT, 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] |
| 349MI | 118:69 | 28 | UVFLUSH [GUVRT, PACKET, BOTH] |

| | | | | |
|------------------------------|---|-----------------------|---------------------|--|
| Activity ID: | Orbit G7 | OAPEL TUG7MPRO | SeqNo | 01- |
| Title | UVS/EUV MDNT ANSA PROFILE 1, G7 INBD | | Instrument | UVS |
| Requestor | UVS-MWG/S.STEPHENS | Team | UVS | Working Group MWG |
| Time System | CDS | Load ID | G7A | Calendar Date 04/02/97 Week 14 |
| Start | JEE-CDS 00003373:00:0 | | 97-092/02:13:19.734 | JEE-002/08:50:28.666 |
| End | JEE-CDS 00003013:00:0 | | 97-092/08:17:19.734 | JEE-002/02:46:28.666 |
| Duration | 00000360:00:0 | | 000/06:04:00.000 | 000/06:04:00.000 |
| Top Label | G7TUG7MPRO01- | | | |
| Bottom Label | (UVS/EUV RTS Torus) | | | |
| Plot Key | UVS | Type | SCI | |
| CDS Bytes | 228 | Report Options | BOTH | Scan Platform Yes |
| CDS Source | PA | Spin State | DUAL | DMS No |
| Observation Objective | | | | |
| | UVS/EUV IO TORUS MIDNIGHT ANSA RADIAL PROFILE 1, G7 INBOUND: From: 6.91 Rj (outside ribbon) at cone > 90 (ribbon at 5.76 Rj, Sys III W Long 142) To: 4.66 Rj (inside ribbon) at fixed cone Data rate: Instrument states usually last 60 RIMS; thus, 4.87 bps UVS, 4.87 bps EUV OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS/EUV deselected; thus, 60-RIM UVFLUSHes needed to PACKET BOTH WAVELENGTHS (Angstroms): Emission lines: UVS (S+ 1259, S+ 4070), EUV (S++ 685, S+ 765, O+ 834) 2 POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES], G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES] 2 POSN-1STEP N/N MINISCAN (UVS): N 4049.2 (STEP 428) [EVEN FRAMES], | | | |
| | | | | |
| Design Detail | | | | |
| PSID | RIM:mf | CDS | PA | |
| 384BG | -1 | 0 | | COMMENT {UVS RIM 0} |
| 165BD | 0 | 36 | | TARGET {CONE 94.38, CLOCK 94.60, POSITION SLEW ALLOCATION 1} |
| 349MK | 58:69 | 28 | | UVFLUSH {6UVRT, PACKET, BOTH} |
| 349ML | 118:69 | 28 | | UVFLUSH {6UVRT, PACKET, BOTH} |
| 349MM | 178:69 | 28 | | UVFLUSH {6UVRT, PACKET, BOTH} |
| 349MN | 238:69 | 28 | | UVFLUSH {6UVRT, PACKET, BOTH} |
| 349MO | 298:69 | 28 | | UVFLUSH {6UVRT, PACKET, BOTH} |
| 157BH | 349 | 24 | | CMDRS (10+14*1) {PLAN DUR 1, EST UVS CMDS 1} |
| | 350 | | | 34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NO, 1, 2C, 05, 00, 00 [HVOFF] |
| 349MP | 358:69 | 28 | | UVFLUSH {6UVRT, PACKET, BOTH} |

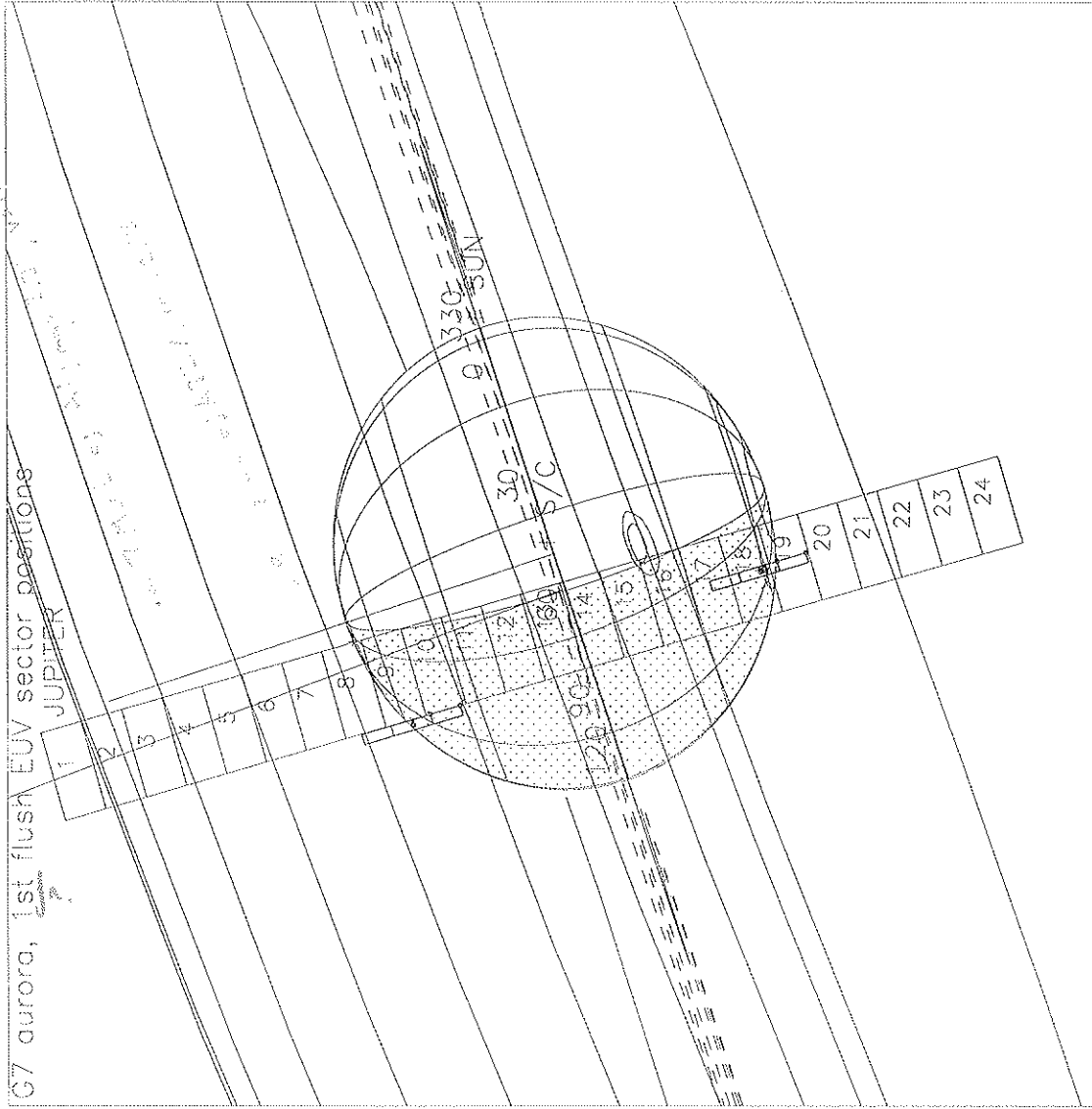


Start UTC TIME : 1997-092 // 02:12:15.091
No End Time :
Start SCLK : 1/03894701:00:00

Target Body : JUPITER
Target Cone/Clock : 80.89 / 95.84 Deg
S/C to Body Center : 2114021. Km (29,570033 Rj)
Z-axis Pointing (Rc / Dec) : 156.90 / 15.10 Deg

| | | | | | |
|--|-----------------------|---------------------------------------|---------------------|--|----------------------|
| Activity ID: Orbit G7 | | OAPEL JUG7AURA | | SeqNo 01- | |
| Title | | UVS/EUV AURORA MAP 1, LO RATE G7 INBD | | Instrument UVS | |
| Requestor | | UVS-MWG/S.STEPHENS | | Team UVS | |
| | | | | Working Group MWG | |
| Time System | CDS | Load ID | G7A | Calendar Date | 04/02/97 |
| | | | | Week | 14 |
| Start | JEE-CDS 00002765:00:0 | | 97-092/12:28:05.067 | | JEE-001/22:35:43.333 |
| End | JEE-CDS 00002723:00:0 | | 97-092/13:10:33.067 | | JEE-001/21:53:15.333 |
| Duration | 00000042:00:0 | | 000/00:42:28.000 | | 000/00:42:28.000 |
| Top Label | | G7JUG7AURA01- | | | |
| Bottom Label | | (UVS/EUV RTS Aurora) | | | |
| Plot Key | UVS | Type | SCI | | |
| CDS Bytes | 162 | Report Options | BOTH | Scan Platform | Yes |
| CDS Source | PA | Spin State | DUAL | DMS | No |
| Observation Objective | | | | | |
| <div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 200px; height: 150px; margin-right: 10px;"></div> <div> <p>UVS/EUV JUPITER AURORA MAP 1 (SKY BACKGROUND FOR DARKSIDE EQUATOR), LO RATE, G7 INBOUND: From: 1.2 Rj (outside Jupiter) at cone 90, TARGETING darkside Jupiter sky background To: 0.8 Rj at cone 90 Data rate: Instrument states last 40 RIMS; thus, 7.30 bps UVS, 7.30 bps EUV OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS/EUV deselected; thus, 40-RIM UVFLUSH needed to PACKET BOTH, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (H2 1253) 2 POSN-88STEP G/G (UVS): G 1131.5-1265.9 (CTR 1199.7, STEP 44) [EVEN FRAMES], G 1199.7-1333.4 (CTR 1267.5, STEP 88) [ODD FRAMES] Strategy for MINISCANS: Use 2 POSN-88STEP G/G for equatorial</p> </div> </div> | | | | | |
| Design Detail | | | | | |
| PSID | RIM:mf | CDS | PA | | |
| 384BI | 0 | 0 | | COMMENT [UVS RIM 0] | |
| 157BI | 1 | 80 | | CMDRS (10+14*5) [PLAN DUR 133, EST UVS CMDS 5] | |
| 349MS | 1:69 | 28 | | UVFLUSH [6UVRT, DISCRD, BOTH] | |
| 165BE | 2 | 36 | | TARGET [CONE 90.00, CLOCK 93.50, POSITION SLEW ALLOCATION 2] | |
| | 2 | | | 34UVS,DF,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,7D,00,2C [88STEP G/G] | |
| 349MT | 30:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] | |
| | 32 | | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF] | |
| <p>1997-092/14:13:30 <i>[Signature]</i> 3895444</p> <p>1997-092/15:47:12 <i>[Signature]</i> 3895507</p> | | | | | |

Tue Dec 8 22:16:33 1998



Start UTC_TIME : 1997-092 // 14:43:30.546
 End UTC_TIME : 1997-092 // 15:47:12.543
 Start SCLK : 1/03895444:00:00
 Delta Time between FOV : 300.0000
 FOVs : F_Channel(0.1x0.4), N/G_Channel(0.1x1.0)

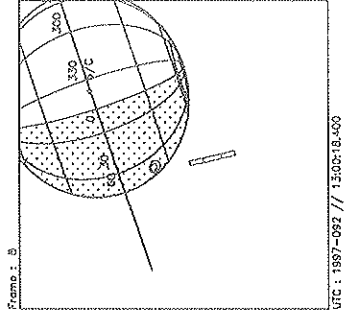
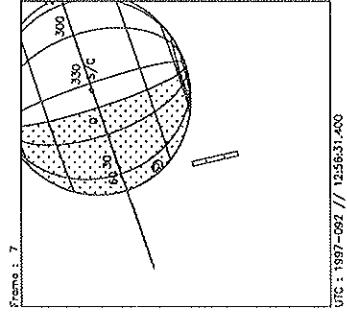
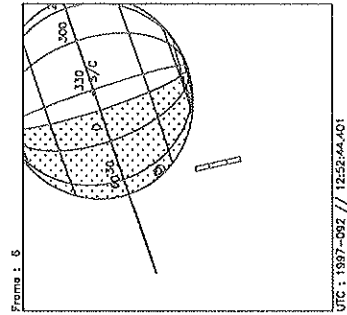
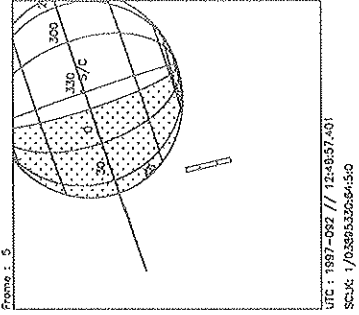
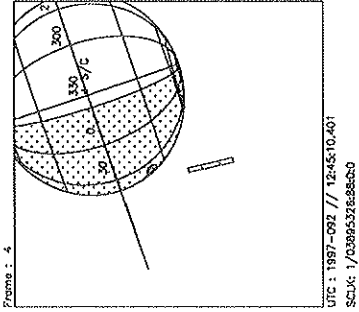
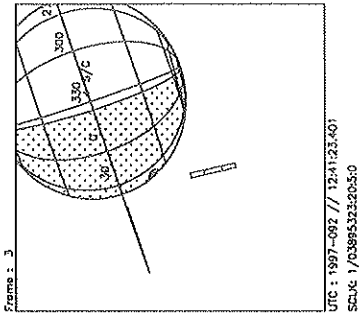
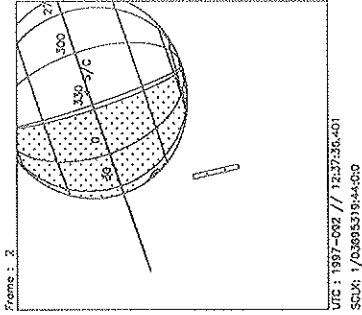
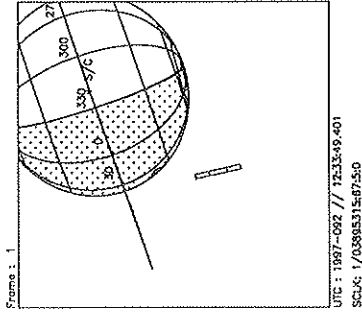
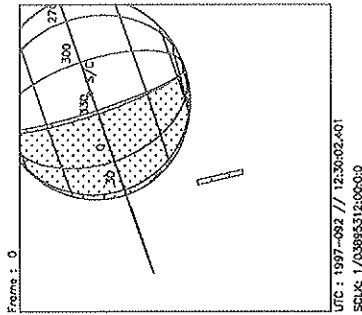
Target Body : JUPITER
 Target Ra/Dec : 221.13 / -17.81 Deg
 S/C to Body Center : 1781563. Km (24.919749 RJ)
 Z-axis Pointing (Ra / Dec) : 136.89 / 15.08 Deg

OS
 20
 19

3805
 before bright OVS
 Fluster in G7

UV/S51 gear with record 25

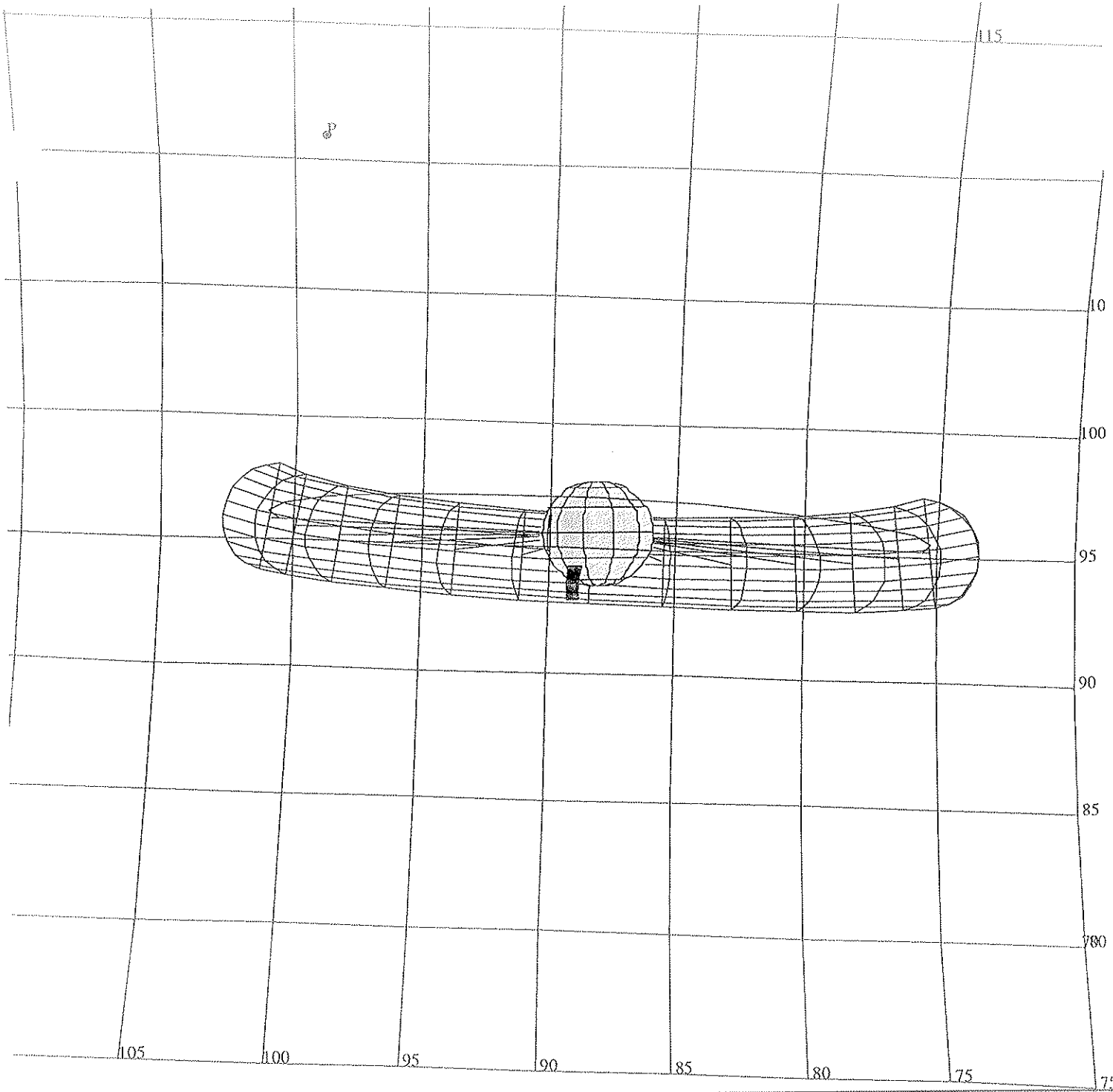
989557005
 5575100



Start UTC_TIME : 1997-092 // 12:30:02.401
No End Time :
Start SCLK : 1/0389531200000

Target Body : JUPITER
Target Cone/Clock : 87.56 / 95.63 Deg
S/C to Body Center : 1842492. Km (25.772008 Rj)
Z-axis Pointing (Ra / Dec) : 136.90 / 15.10 Deg

| | | | | | | | |
|---|---|----------------|---------------------|---|----------------------|------|----|
| Activity ID: | Orbit G7 | OAPEL JUG7AURA | SeqNo | 02- | | | |
| Title | UVS/EUV AURORA MAP 2, HI RATE G7 INBD | | Instrument | UVS | | | |
| Requestor | UVS-MWG/S.STEPHENS | Team | UVS | Working Group | MWG | | |
| Time System | CDS | Load ID | G7A | Calendar Date | 04/02/97 | Week | 14 |
| Start | JEE-CDS 00002723:00:0 | | 97-092/13:10:33.067 | | JEE-001/21:53:15.333 | | |
| End | JEE-CDS 00002631:00:0 | | 97-092/14:43:34.400 | | JEE-001/20:20:14.000 | | |
| Duration | 00000092:00:0 | | 000/01:33:01.333 | | 000/01:33:01.333 | | |
| Top Label | G7JUG7AURA02- | | | | | | |
| Bottom Label | (UVS/EUV RTS Aurora) | | | | | | |
| Plot Key | UVS | Type | SCI | | | | |
| CDS Bytes | 128 | Report Options | BOTH | Scan Platform | Yes | | |
| CDS Source | PA | Spin State | DUAL | DMS | No | | |
| Observation Objective | | | | | | | |
| | UVS/EUV JUPITER AURORA MAP 2 (DARKSIDE EQUATOR AND SOUTHERN AURORA), HIGH RATE, G7 INBOUND: | | | | | | |
| | From: 0.8 Rj at cone 90, TARGETING darkside Jupiter equator | | | | | | |
| | To: 0.4 Rj at cone 90, TARGETING darkside southern hemisphere | | | | | | |
| | aurora | | | | | | |
| | Data rate: Instrument states last 30 RIMS; thus, 9.73 bps UVS, 9.73 bps EUV | | | | | | |
| | OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): | | | | | | |
| | UVS/EUV deselected; thus, 30-RIM UVFLUSHes needed to PACKET BOTH WAVELENGTHS (Angstroms): | | | | | | |
| | Emission lines: UVS (H2 1253, H2 1611) | | | | | | |
| | 2 POSN-88STEP G/G (UVS): G 1131.5-1265.9 (CTR 1199.7, STEP 44) [EVEN FRAMES], | | | | | | |
| | G 1199.7-1333.4 (CTR 1267.5, STEP 88) [ODD FRAMES] | | | | | | |
| FULLSCAN F/G (UVS): F 1616.5-3227.9 (CTR 2436.8, STEP 264) [EVEN FRAMES], | | | | | | | |
| Design Detail | | | | | | | |
| PSID | RIM:mf | CDS | PA | | | | |
| 384BJ | 0 | 0 | | COMMENT [UVS RIM 0] | | | |
| 165BF | 2 | 36 | | TARGET [CONE 90.00, CLOCK 95.55, POSITION SLEW ALLOCATION 2] | | | |
| | 2 | | | 34UVS,DF,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,7D,00,2C [88STEP G/G] | | | |
| 349MW | 60:69 | 28 | | UVFLUSH [GUVRT, PACKET, BOTH] | | | |
| 165BG | 62 | 36 | | TARGET [CONE 90.00, CLOCK 93.50, POSITION SLEW ALLOCATION 1] | | | |
| | 62 | | | 34UVS,07,S,N,N,N,S,0,ON,OFF,ON,ON,OFF,NO,1,00,9C,01,2C [FULLSCAN F/G] | | | |
| 349MX | 90:69 | 28 | | UVFLUSH [GUVRT, PACKET, BOTH] | | | |
| | 92 | | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOPF] | | | |



165BF:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/3453 TC= 2(90.0 95.55)
 A= 364 pD= 0 SR=17.450 RA50=221.86 DEC50=-18.03 cone= 90.00 clock= 95.55
 165BG:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/4373 TC= 2(90.0 93.5)
 A= 182 pD= 0 SR=17.450 RA50=221.26 DEC50=-20.00 cone= 90.00 clock= 93.50

ARGET G3.0 lisac: 2/26/1997 10:14:59

ILE:P.G7JUG7AURA02

ENTRAL BODY:JUPITER

INI:m.target

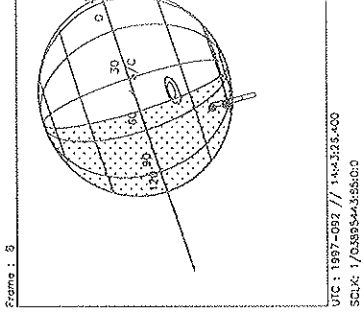
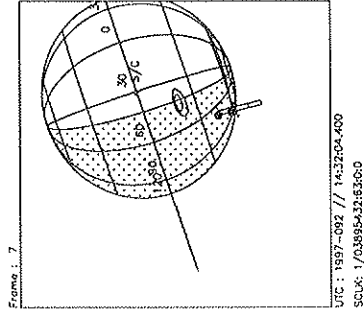
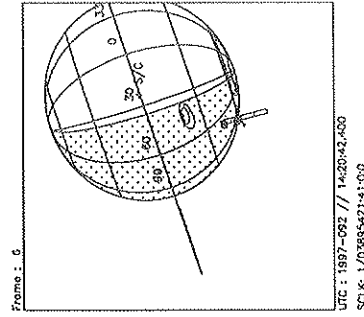
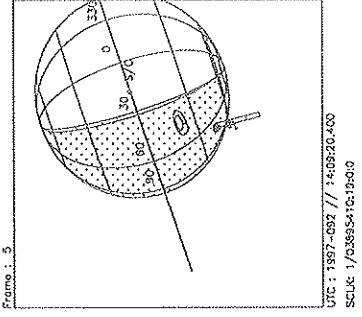
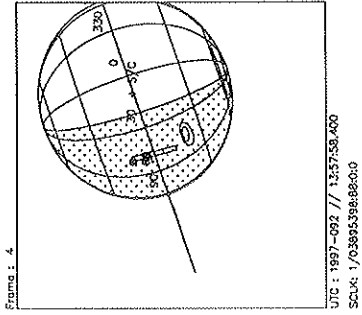
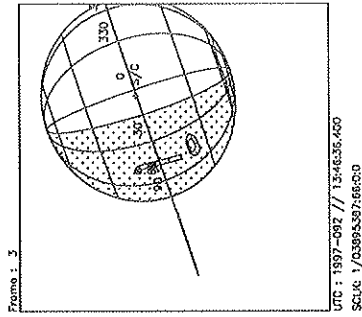
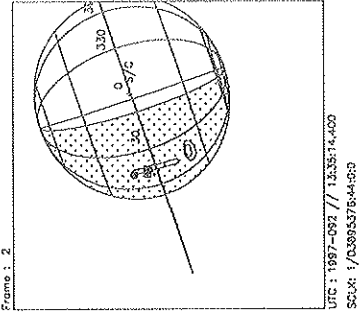
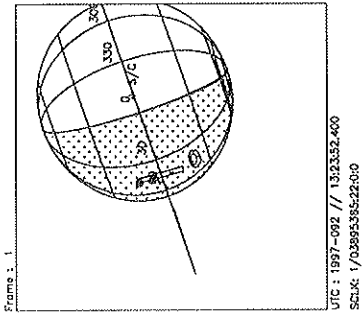
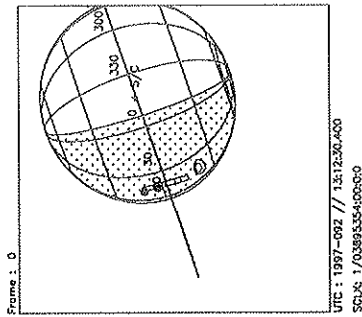
PH:/DATA/NAVIO/T-970223-TOUR.NS

ERIAPSIS:

THINNING:UVS 300 :UVS 300

TART:JEE 97-094/11:03:48.400 -CDS 2721:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.100

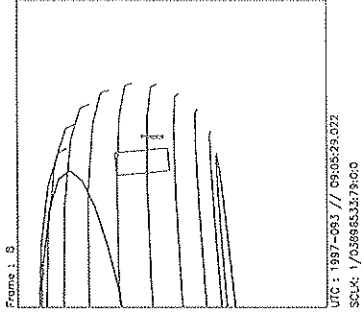
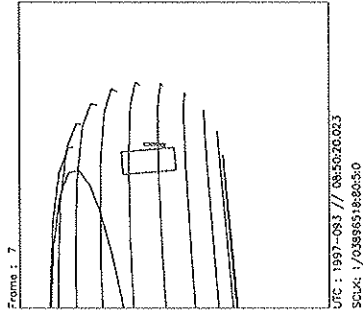
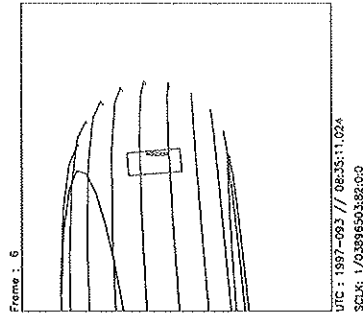
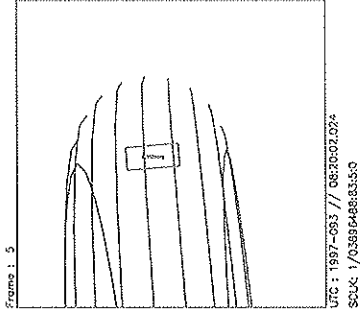
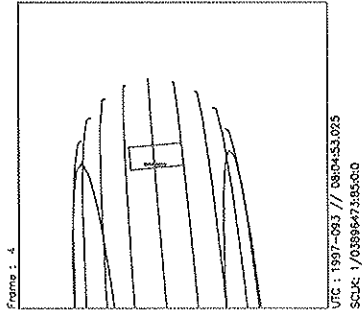
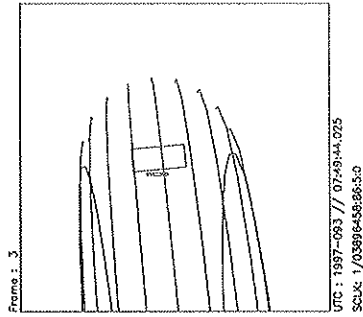
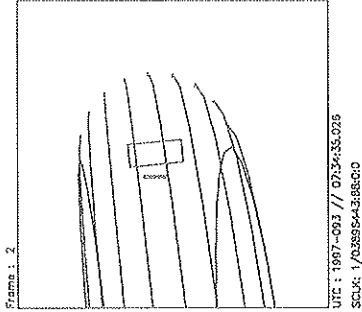
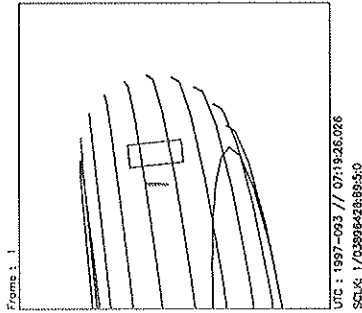
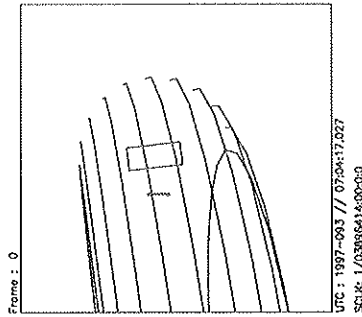


Start UTC_TIME : 1997-092 // 13:12:30.400
 End UTC_TIME : 1997-092 // 14:43:30.397
 Start SCLK : 1/03895354:00:0:0
 Delta Time between FOV : 682.0000
 FOVs : F Channel(0.1x0.4), N/C Channel(0.5x0.5)

Target Body : JUPITER
 Target Cone/Clock : 88.10 / 95.61 Deg
 S/C to Body Center : 1823187. Km (25.501690 Rj)
 Z-axis Pointing (Ra / Dec) : 136.90 / 15.10 Deg

| | | | | | | | |
|---|-----------------------------------|----------------|---------------------|---------------|----------------------|------|------------------------------------|
| Activity ID: | Orbit G7 | OAPEL JVG7AURA | SeqNo | 03- | | | |
| Title | EUV AURORA MAP 3, LO RATE G7 INBD | | Instrument | EUV | | | |
| Requestor | UVS-MWG/S.STEPIENS | Team | UVS | Working Group | MWG | | |
| Time System | CDS | Load ID | G7A | Calendar Date | 04/02/97 | Week | 14 |
| Start | JEE-CDS 00002631:00:0 | | 97-092/14:43:34.400 | | JEE-001/20:20:14.000 | | |
| End | JEE-CDS 00002360:00:0 | | 97-092/19:17:35.067 | | JEE-001/15:46:13.333 | | |
| Duration | 00000271:00:0 | | 000/04:34:00.667 | | 000/04:34:00.667 | | |
| Top Label | G7JVG7AURA03- | | | | | | |
| Bottom Label | (EUV RTS Aurora) | | | | | | |
| Plot Key | EUV | Type | SCI | | Scan Platform | No | |
| CDS Bytes | 0 | Report Options | BOTH | | DMS | No | |
| CDS Source | PA | Spin State | DUAL | | | | |
| Observation Objective | | | | | | | |
| <div style="border: 1px solid black; padding: 5px;"> <p>EUV JUPITER AURORA MAP 3, LOW RATE, G7 INBOUND: From: 0.4 Rj at cone 90, on darkside To: 1.0 Rj at cone 90, on brightside (just outside Jupiter) Data rate: Instrument states usually last 30 or 60 RIMS; thus, 9.73 or 4.87 bps EUV OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS/EUV deselected; thus, 30- or 60-RIM UVFLUSHes needed to PACKET EUV WAVELENGTHS (Angstroms): EUV only, since UVS is being used by UVS-AWG for Jupiter observations NOTE: Collaborative observation of northern auroral oval occurs at the same time, involving UVS-AWG (real-time) and ridealongs by SSI (recorded) and NIMS (real-time)</p> </div> | | | | | | | |
| Design Detail | | | | | | | |
| PSID | RIM:mF | CDS | PA | | | | |
| 384BK | 0 | 0 | COMMENT | [UVS RIM 0] | | | |
| *349AC | 62:69 | 28 | UVFLUSH | [6UVRT, | PACKET, | EUV] | *NOTE: part of UVS-AWG PACKET BOTH |
| *349AE | 113:69 | 28 | UVFLUSH | [6UVRT, | PACKET, | EUV] | *NOTE: part of UVS-AWG PACKET BOTH |
| *349AG | 154:69 | 28 | UVFLUSH | [6UVRT, | PACKET, | EUV] | *NOTE: part of UVS-AWG PACKET BOTH |
| *349AH | 184:69 | 28 | UVFLUSH | [6UVRT, | PACKET, | EUV] | *NOTE: part of UVS-AWG PACKET BOTH |
| *349AI | 214:69 | 28 | UVFLUSH | [6UVRT, | PACKET, | EUV] | *NOTE: part of UVS-AWG PACKET BOTH |
| *349AJ | 235:69 | 28 | UVFLUSH | [6UVRT, | PACKET, | EUV] | *NOTE: part of UVS-AWG PACKET BOTH |
| *349AL | 269:69 | 28 | UVFLUSH | [6UVRT, | PACKET, | EUV] | *NOTE: part of UVS-AWG PACKET BOTH |

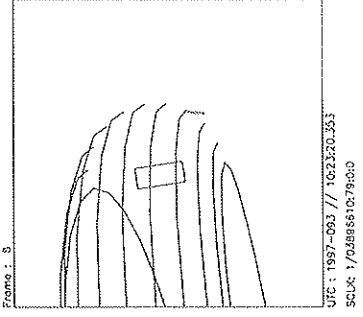
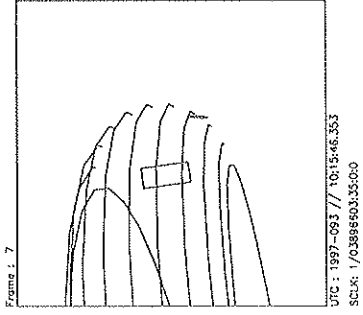
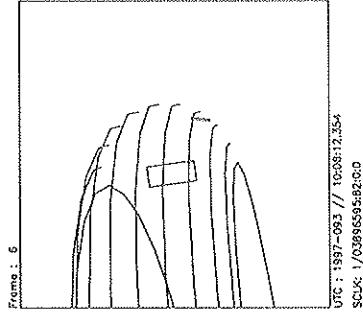
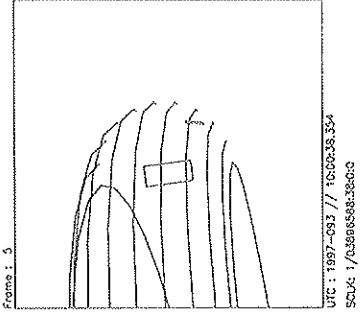
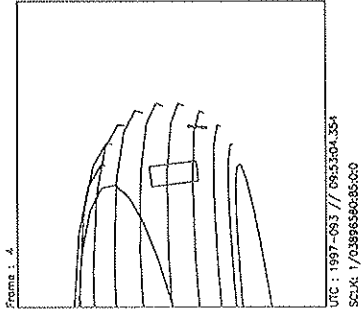
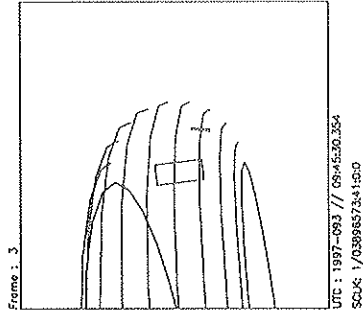
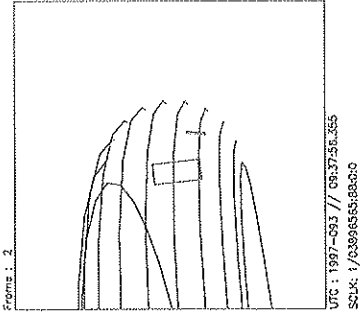
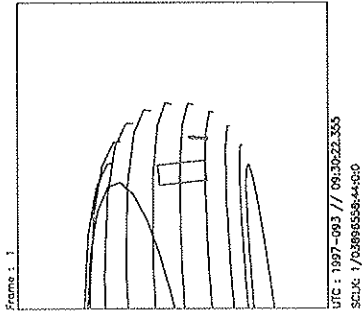
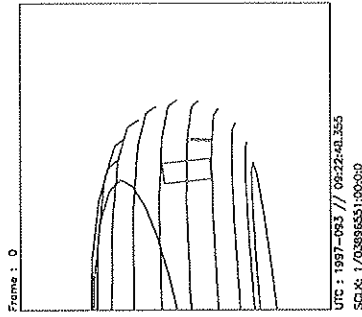
| | | | | |
|---|--------------------------------------|----------------|---------------------|--|
| Activity ID: | Orbit G7 | OAPEL TUG7NANS | SeqNo | 02- |
| Title | UVS NOON ANSA MAP 2, HI RATE G7 INBD | | Instrument | UVS |
| Requestor | UVS-MWG/S.STEPHENS | Team | UVS | Working Group |
| | | | | MWG |
| Time System | CDS | Load ID | G7A | Calendar Date |
| | | | | 04/03/97 |
| | | | | Week |
| | | | | 14 |
| Start | JEE-CDS 00001665:00:0 | | 97-093/07:00:18.400 | JEE-001/04:03:30.000 |
| End | JEE-CDS 00001541:00:0 | | 97-093/09:05:41.067 | JEE-001/01:58:07.333 |
| Duration | 00000124:00:0 | | 000/02:05:22.667 | 000/02:05:22.667 |
| Top Label | G7TUG7NANS02- | | | |
| Bottom Label | (UVS RTS Torus) | | | |
| Plot Key | UVS | Type | SCI | |
| CDS Bytes | 256 | Report Options | BOTH | Scan Platform |
| | | | | Yes |
| CDS Source | PA | Spin State | DUAL | DMS |
| | | | | No |
| Observation Objective | | | | |
| <p>UVS IO TORUS NOON ANSA MAP 2, HIGH RATE (RIBBON), G7 INBOUND: From: 5.34 Rj at cone 90 (ribbon at 5.76 Rj, Sys III W Long 220) To: 5.99 Rj at cone 90 Data rate: Instrument states last 30 RIMS; thus, 9.73 bps UVS OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS/EUV deselected; thus, 30-RIM UVFLUSHes needed to PACKET UVS after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (S+ 1259, O+ 3728, S+ 4070) 2 POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES], G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES] 2 POSN-22STEP N/N MINISCAN (UVS): N 3700.0-3759.3 (CTR 3731.1, STEP 314) [EVEN FRAMES], N 4040.9-4098.7 (CTR 4071.2, STEP 436) [ODD FRAMES]</p> | | | | |
| Design Detail | | | | |
| PSID | RIM:m/c | CDS | PA | |
| 384BM | 0 | 0 | | COMMENT [UVS RIM 0] |
| 157BK | 3 | 80 | | CMDRS (10+14*5) [PLAN DUR 121, EST UVS CMDS 5] |
| 349ND | 3:69 | 28 | | UVFLUSH [6UVRT, DISCRD, UVS] |
| 165BH | 4 | 36 | | TARGET [CONE 90.00, CLOCK 93.65, 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] |
| 349NE | 32:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] |
| | 34 | | | 34UVS,D3,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,5B,4E,00,7A [22STEP N/N] |
| 349NF | 62:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] |
| | 64 | | | 34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G] |
| 349NG | 92:69 | 28 | | UVFLUSH [6UVRT, PACKET, BOTH] |
| | 94 | | | 34UVS,D3,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,5B,4E,00,7A [22STEP N/N] |
| 349NH | 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 [HV OFF] |



Start UTC_TIME : 1997-093 // 07:04:17.027
No End Time :
Start SCLK : 1/03896414:00:0:0

Target Body : JUPITER
Target Cone/Clock : 106.92 / 94.99 Deg
S/C to Body Center : 1307991. Km (16.295625 Rj)
Z-axis Pointing (Ro / Dec) : 136.90 / 15.10 Deg

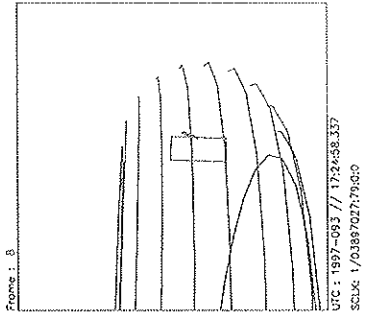
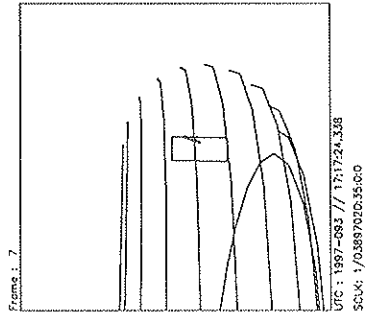
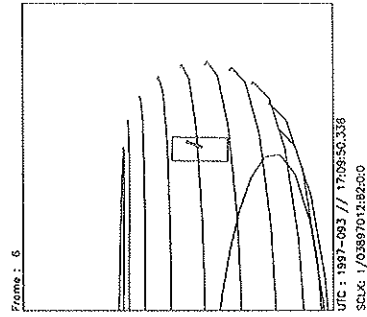
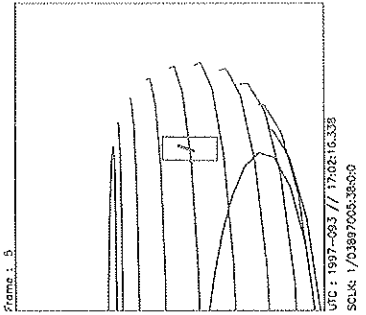
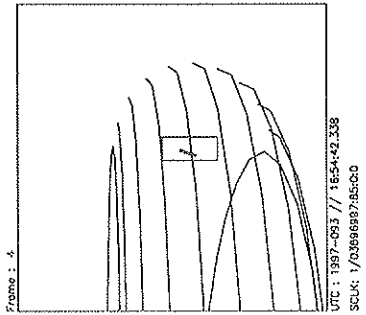
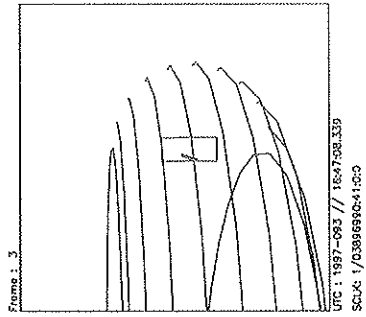
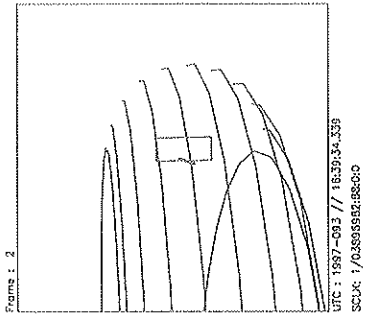
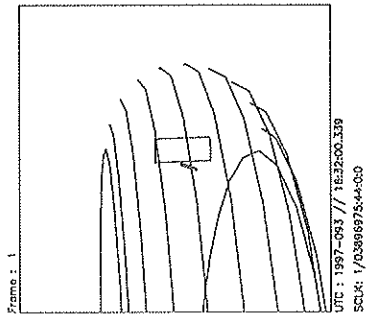
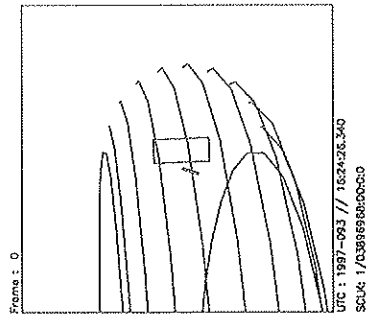
| | | | | | | | |
|--|------------------------------------|-----------------------|---------------------|---|----------------------|-------------|----|
| Activity ID: | Orbit G7 | OAPEL TUG7NANS | SeqNo | 03- | | | |
| Title | UVS NOON ANSA MAP 3, LO RT G7 INBD | | Instrument | UVS | | | |
| Requestor | UVS-MWG/S.STEPHENS | Team | UVS | Working Group | MWG | | |
| Time System | CDS | Load ID | G7A | Calendar Date | 04/03/97 | Week | 14 |
| Start | JEE-CDS 00001526:00:0 | | 97-093/09:20:51.067 | | JEE-001/01:42:57.333 | | |
| End | JEE-CDS 00001464:00:0 | | 97-093/10:23:32.400 | | JEE-001/00:40:16.000 | | |
| Duration | 00000062:00:0 | | 000/01:02:41.333 | | 000/01:02:41.333 | | |
| Top Label | G7TUG7NANS03- | | | | | | |
| Bottom Label | (UVS RTS Torus) | | | | | | |
| Plot Key | UVS | Type | SCI | | | | |
| CDS Bytes | 130 | Report Options | BOTH | Scan Platform | Yes | | |
| CDS Source | PA | Spin State | DUAL | DMS | No | | |
| Observation Objective | | | | | | | |
| <div style="border: 1px solid black; width: 150px; height: 100px; display: inline-block; vertical-align: top;"></div> <p>UVS TO TORUS NOON ANSA MAP 3, LOW RATE, G7 INBOUND: From: 6.08 Rj at cone 90 (ribbon at 5.76 Rj, Sys III W Long 220) To: 6.40 Rj at cone 90 Data rate: Instrument state lasts 60 RIMS; thus, 4.87 bps UVS OPRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS deselected; thus, 60-RIM UVFLUSH needed to PACKET UVS after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (S+ 1259, S+ 4070) 2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES], G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]</p> | | | | | | | |
| Design Detail | | | | | | | |
| PSID | RIM:mf | CDS | PA | | | | |
| 384BN | 0 | 0 | | COMMENT [UVS RIM 0] | | | |
| 157BL | 1 | 38 | | CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2] | | | |
| 349NI | 1:69 | 28 | | UVFLUSH [6UVRT, DISCRD, UVS] | | | |
| 165BI | 2 | 36 | | TARGET [CONE 90.00, CLOCK 93.65, POSITION SLEW ALLOCATION 2] | | | |
| | 2 | | | 34UVS, D3, F, N, N, N, S, 0, OFF, ON, ON, ON, OFF, NO, 1, D5, 4E, 05, 63 [22STEP N/G] | | | |
| 349NJ | 60:69 | 28 | | UVFLUSH [6UVRT, PACKET, UVS] | | | |
| | 62 | | | 34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NO, 1, 2C, 05, 00, 00 [HV OFF] | | | |



Start UTC_TIME : 1997-093 // 09:22:48.355
No End Time :
Start SCLK : 1/03896551:00:00

Target Body : JUPITER
Target Cone/Clock : 110.52 / 94.86 Deg
S/C to Body Center : 1236289. Km (17.320667 Rj)
Z-axis Pointing (Rc / Dec) : 136.90 / 15.10 Deg

| | | | |
|--|--|-------------------------------|---|
| Activity ID: Orbit G7 | OAPEL TUG7NPRO | | SeqNo 01- |
| Title | UVS NOON ANSA PROFILE 1, G7 INBD | Instrument | UVS |
| Requestor | UVS-MWG/S.STEPIENS | Team UVS | Working Group MWG |
| Time System CDS | Load ID G7A | Calendar Date 04/03/97 | Week 14 |
| Start | JEE-CDS 00001111:00:0 | 97-093/16:20:27.734 | JEE-000/18:43:20.666 |
| End | JEE-CDS 00001047:00:0 | 97-093/17:25:10.400 | JEE-000/17:38:38.000 |
| Duration | 00000064:00:0 | 000/01:04:42.666 | 000/01:04:42.666 |
| Top Label | G7TUG7NPRO01- | | |
| Bottom Label | (UVS RTS Torus) | | |
| Plot Key | UVS | Type | SCI |
| CDS Bytes | 130 | Report Options | BOTH |
| CDS Source | PA | Spin State | DUAL |
| | | Scan Platform | Yes |
| | | DMS | No |
| Observation Objective | | | |
| | UVS IO TORUS NOON ANSA RADIAL PROFILE 1, G7 INBOUND: | | |
| | From: 5.56 Rj at > cone 90 (ribbon at 5.76 Rj, Sys III W Long 300) | | |
| | To: 5.96 Rj at fixed cone | | |
| | Data rate: Instrument state lasts 60 RIMS; thus, 4.87 bps UVS | | |
| | OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): | | |
| | UVS deselected; thus, 60-RIM UVFLUSH needed to PACKET UVS, after | | |
| | initial DISCRD | | |
| | WAVELENGTHS (Angstroms): | | |
| | Emission lines: UVS (S+ 1259, S+ 4070) | | |
| | 2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES], | | |
| G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES] | | | |
| Design Detail | | | |
| PSID | RIM:mf | CDS PA | |
| 384BO | 0 | 0 | COMMENT [UVS RIM 0] |
| 157BM | 3 | 38 | CMDS {10:14*2} [PLAN DUR 61, EST UVS CMDS 2] |
| 349NK | 3:69 | 28 | UVFLUSH [6UVRT, DISCRD, UVS] |
| 165BJ | 4 | 36 | TARGET [CONE 101.73, CLOCK 92.80, 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] |
| 349NL | 62:69 | 28 | UVFLUSH [6UVRT, PACKET, UVS] |
| | 64 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF] |



Start UTC_TIME : 1997-093 // 16:24:26.340
No End Time :
Start SCLK : 1/0389696800000

Target Body : JUPITER
Target Cone/Clock : 124.50 / 94.29 Deg
S/C to Body Center : 1026253. Km (14.354802 Rj)
Z-axis Pointing (Ro / Dec) : 136.90 / 15.10 Deg

| | | | | |
|--|---------------------------------|---------------------|--|---------------|
| Activity ID: | Orbit G7 | OAPEL HUMAGNEB | SeqNo | 01- |
| Title | UVS MAGNETONEBULA OBSERVATION 1 | | Instrument | UVS |
| Requestor | UVS-MWG/S.STEPHENS | Team | UVS | Working Group |
| | | | | MWG |
| Time System | CDS | Load ID | G7B | Calendar Date |
| | | | | 04/06/97 |
| Week | 14 | | | |
| Start | JEE+CDS 00003259:00:0 | 97-096/17:59:01.066 | JEE+002/06:55:12.666 | |
| End | JEE+CDS 00005310:00:0 | 97-098/04:32:48.400 | JEE+003/17:29:00.000 | |
| Duration | 00002051:00:0 | 001/10:33:47.334 | 001/10:33:47.334 | |
| Top Label | G7HUMAGNEB01- | | | |
| Bottom Label | (UVS RTS Magnetonebula) | | | |
| Plot Key | UVS | Type | SCI | |
| CDS Bytes | 249 | Report Options | BOTH | Scan Platform |
| | | | | Yes |
| CDS Source | PA | Spin State | DUAL | DMS |
| | | | | No |
| Observation Objective | | | | |
| <div style="border: 1px solid black; width: 150px; height: 100px; display: inline-block; vertical-align: top;"></div> <p>UVS MAGNETONEBULA OBSERVATION 1, G7 CRUISE From: nearly anti-solar direction, cone 175.00 To: constant cone angle, rotating clock angle (due to Scan-Type 3) Data rate: Instrument state lasts 2046 RIMS; thus, 0.14 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS deselected; thus, 2046-RIM UVFLUSH needed to PACKET UVS, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (neutral O 1304) 2 POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES], G 1319.6 (STEP 122) [ODD FRAMES] Strategy for MINISCANS: Use 1STEP MINISCAN for PWS quiet, work around RPM Maintenance (DOX 97)</p> | | | | |
| Design Detail | | | | |
| PSID | RIM:mf | CDS | PA | |
| 384BP | -3 | 0 | COMMENT {UVS RIM 0} | |
| 176BA | -3 | 15 | SCITLM {PAUSE PB} | |
| 165BK | 4 | 36 | TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/T 3 | |
| 157BN | 4 | 38 | CMDRS (10+14*2) [PLAN DUR 1177, EST UVS CMDS 2] | |
| 349NM | 4:69 | 28 | UVFLUSH [6UVRT, DISCRD, UVS] | |
| | 5 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,9C,05,00,0A [1STEP G/G] | |
| 176BB | 6 | 15 | SCITLM [RESUME PB] | |
| | 1181 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF] | |
| 165BL | 1233 | 36 | TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/T 3 | |
| 157BO | 1233 | 38 | CMDRS (10+14*2) [PLAN DUR 818, EST UVS CMDS 2] | |
| | 1234 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,9C,05,00,0A [1STEP G/G] | |
| 176BD | 1235 | 15 | SCITLM [RESUME PB] | |
| 349NN | 2049:69 | 28 | UVFLUSH [6UVRT, PACKET, UVS] | |
| | 2051 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF] | |

| | | |
|------------------------------|--|---|
| Activity ID: Orbit G7 | OAPEL HUMAGNEB | SeqNo 02- |
| Title | UVS MAGNETONEBULA OBSERVATION 2 | Instrument UVS |
| Requestor | UVS-MWG/S.STEPHENS | Team UVS Working Group MWG |
| Time System CDS | Load ID G7B | Calendar Date 04/09/97 Week 15 |
| Start | JEE+CDS 00006855:00:0 | 97-099/06:34:58.400 JEE+004/19:31:10.000 |
| End | JEE+CDS 00015404:00:0 | 97-105/06:38:57.733 JEE+010/19:35:09.333 |
| Duration | 00008549:00:0 | 006/00:03:59.333 006/00:03:59.333 |
| Top Label | G7HUMAGNEB02- | |
| Bottom Label | (UVS RTS Magnetonebula) | |
| Plot Key | UVS | Type SCI |
| CDS Bytes | 240 | Report Options BOTH Scan Platform Yes |
| CDS Source | PA | Spin State DUAL DMS No |
| Observation Objective | | |
| | UVS MAGNETONEBULA OBSERVATION 2, G7 CRUISE From: nearly anti-solar direction, cone 175.00 To: constant cone angle, rotating clock angle (due to Scan-Type 3) | |
| | Data rate: Instrument states last 1424 RIMS; thus, 0.21 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS selected, FMT A; thus, 1424-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (neutral O 1304) 2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES], G 1319.6 (STEP 122) [ODD FRAMES] Strategy for MINISCANS: Use 1STEP MINISCAN for PWS quiet, work around NIMS RCT cal (DOY 99) and NIMS PCT cal (DOY 104) | |
| Design Detail | | |
| PSID | RIM:mf | CDS PA |
| 384BQ | 0 | 0 COMMENT [UVS RIM 0] |
| 165BM | 4 | 36 TARGET {CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4}, S/T 3 |
| 157BP | 4 | 24 CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] |
| 432BB | 4:45 | 38 OPTRTM [UVS INCLUDE, BLOCKSHIPT 45 MINOR FRAMES] |
| 349NO | 4:69 | 28 UVFLUSH [6UVRT, DISCRD, UVS] |
| 176BF | 6 | 5 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,9C,05,00,0A [1STEP G/G] |
| 157BQ | 6900 | 15 SCITLM [RESUME PB] |
| | 6901 | 24 CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] |
| 165BS | 6990 | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF] |
| 157BR | 6990 | 36 TARGET {CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4}, S/T 3 |
| | 6991 | 24 CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] |
| 176BE | 6992 | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,9C,05,00,0A [1STEP G/G] |
| | | 15 SCITLM [RESUME PB] |

| | | |
|------------------------------|---|--|
| Activity ID: Orbit G7 | OAPEL HUMAGNEB | SeqNo 03- |
| Title | UVS MAGNETONEBULA OBSERVATION 3 | Instrument UVS |
| Requestor | UVS-MWG/S.STEPHENS | Team UVS Working Group MWG |
| Time System CDS | Load ID G7B | Calendar Date 04/15/97 Week 16 |
| Start | JEE+CDS 00015404:00:0 | 97-105/06:38:57.733 JEE+010/19:35:09.333 |
| End | JEE+CDS 00019678:00:0 | 97-108/06:40:27.066 JEE+013/19:36:38.666 |
| Duration | 00004274:00:0 | 003/00:01:29.333 003/00:01:29.333 |
| Top Label | G7HUMAGNEB03- | |
| Bottom Label | (UVS RTS Magnetonebula) | |
| Plot Key | UVS | Type SCI |
| CDS Bytes | 62 | Report Options BOTH Scan Platform Yes |
| CDS Source | PA | Spin State DUAL DMS No |
| Observation Objective | | |
| | UVS MAGNETONEBULA OBSERVATION 3, G7 CRUISE From: nearly anti-solar direction, cone 175.00 To: constant cone angle, rotating clock angle (due to Scan-Type 3) Data rate: Instrument states last 1424 RIMS; thus, 0.21 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS selected, FMT A; thus, 1424-RIM UVFLUSHes needed to PACKET UVS WAVELENGTHS (Angstroms): Emission lines: UVS (neutral O 1304) 2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES], G 1319.6 (STEP 122) [ODD FRAMES] Strategy for MINISCANS: Use 1STEP MINISCAN for PWS quiet | |
| | | |
| Design Detail | | |
| PSID | RIM:mf | CDS PA |
| 384BR | 0 | 0 COMMENT [UVS RIM 0] |
| 157BS | 4271 | 24 CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] |
| | 4272 | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF] |
| 432BE | 4273 | 38 OPTRTM [UVS EXCLUDE] |

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|--|---------------------------------|---------------------|--|---------------|
| Activity ID: | Orbit G7 | OAPEL HUMAGNEB | SeqNo | 04- |
| Title | UVS MAGNETONEBULA OBSERVATION 4 | | Instrument | UVS |
| Requestor | UVS-MWG/S.STEPHENS | Team | UVS | Working Group |
| | | | | MWG |
| Time System | CDS | Load ID | G7B | Calendar Date |
| | | | | 04/18/97 |
| Week | 16 | | | |
| Start | JEE+CDS 00020705:00:0 | 97-108/23:58:51.733 | JEE+014/12:55:03.333 | |
| End | JEE+CDS 00023560:00:0 | 97-111/00:05:35.066 | JEE+016/13:01:46.666 | |
| Duration | 00002855:00:0 | 002/00:06:43.333 | 002/00:06:43.333 | |
| Top Label | G7HUMAGNEB04- | | | |
| Bottom Label | (UVS RTS Magnetonebula) | | | |
| Plot Key | UVS | Type | SCI | |
| CDS Bytes | 218 | Report Options | BOTH | Scan Platform |
| | | | | Yes |
| CDS Source | PA | Spin State | DUAL | DMS |
| | | | | No |
| Observation Objective | | | | |
| <p>UVS MAGNETONEBULA OBSERVATION 4, G7 CRUISE From: nearly anti-solar direction, cone 175.00 To: constant cone angle, rotating clock angle (due to Scan-Type 3) Data rate: Instrument states last 1424 RIMS; thus, 0.21 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS selected, FMT A; thus, 1424-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (neutral O 1304) 2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES], G 1319.6 (STEP 122) [ODD FRAMES] Strategy for MINISCANS: Use 1STEP MINISCAN for PWS quiet</p> | | | | |
| Design Detail | | | | |
| PSID | RIM:mf | CDS | PA | |
| 384BS | -3 | 0 | COMMENT [UVS RIM 0] | |
| 176BG | -3 | 15 | SCITLM [PAUSE PB] | |
| 165BN | 4 | 36 | TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/T 3 | |
| 157BT | 4 | 24 | CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] | |
| 432BF | 4:45 | 38 | OPTRTM [UVS INCLUDE, BLOCKSHIPT 45 MINOR FRAMES] | |
| 349NP | 4:69 | 28 | UVFLUSH [6UVRT, DISCRD, UVS] | |
| | 5 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,9C,05,00,0A [1STEP G/G] | |
| 176BH | 6 | 15 | SCITLM [RESUME PB] | |
| 157BU | 2852 | 24 | CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] | |
| | 2853 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF] | |
| 432BG | 2854 | 38 | OPTRTM [UVS EXCLUDE] | |

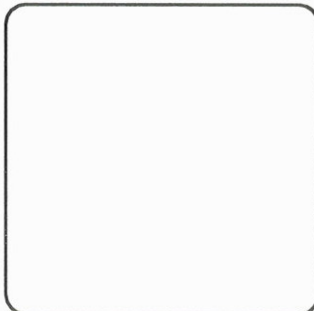
| | | | | |
|---|---------------------------------|----------------|--|----------------------|
| Activity ID: | Orbit G7 | OAPEL HUMAGNEB | SeqNo | 05- |
| Title | UVS MAGNETONEBULA OBSERVATION 5 | | Instrument | UVS |
| Requestor | UVS-MWG/S.STEPHENS | Team | UVS | Working Group |
| | | | | MWG |
| Time System | CDS | Load ID | G7B | Calendar Date |
| | | | | 04/22/97 |
| | | | | Week |
| | | | | 17 |
| Start | JEE+CDS 00025690:00:0 | | 97-112/11:59:15.066 | JEE+018/00:55:26.666 |
| End | JEE+CDS 00027121:00:0 | | 97-113/12:06:09.066 | JEE+019/01:02:20.666 |
| Duration | 00001431:00:0 | | 001/00:06:54.000 | 001/00:06:54.000 |
| Top Label | G7HUMAGNEB05- | | | |
| Bottom Label | (UVS RTS Magnetonebula) | | | |
| Plot Key | UVS | Type | SCI | |
| CDS Bytes | 218 | Report Options | BOTH | Scan Platform |
| | | | | Yes |
| CDS Source | PA | Spin State | DUAL | DMS |
| | | | | No |
| Observation Objective | | | | |
| <div style="border: 1px solid black; padding: 5px;"> <p>UVS MAGNETONEBULA OBSERVATION 5, G7 CRUISE From: nearly anti-solar direction, cone 175.00 To: constant cone angle, rotating clock angle (due to Scan-Type 3) Data rate: Instrument state lasts 1424 RIMS; thus, 0.21 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS selected, FMT A; thus, 1424-RIM UVFLUSH needed to PACKET UVS, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (H Lyman alpha 1215, neutral O 1304) 2POSN-16STEP G/G MINISCAN (UVS): G 1202.8-1225.9 (CTR 1215.1, STEP 54) [EVEN FRAMES], G 1290.5-1313.5 (CTR 1302.8, STEP 111) [ODD FRAMES] Strategy for MINISCANS: Assume no need to maintain PWS quiet, after outbound RTS Survey</p> </div> | | | | |
| Design Detail | | | | |
| PSID | RIM:mf | CDS | PA | |
| 384BT | -3 | 0 | COMMENT [UVS RIM 0] | |
| 176BI | -3 | 15 | SCITLM [PAUSE PB] | |
| 165BO | 4 | 36 | TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/T 3 | |
| 157BV | 4 | 24 | CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] | |
| 432BH | 4:45 | 38 | OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES] | |
| 349NQ | 4:69 | 28 | UVFLUSH {6UVRT, DISCRD, UVS} | |
| | 5 | | 34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G] | |
| 176BJ | 6 | 15 | SCITLM [RESUME PB] | |
| 157BW | 1428 | 24 | CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] | |
| | 1429 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF] | |
| 432BI | 1430 | 38 | OPTRTM [UVS EXCLUDE] | |
| [NOTE: 16STEP command used to be 34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,94,45,00,52] | | | | |

| | | |
|------------------------------|---------------------------------|--------------------------|
| Activity ID: Orbit G7 | OAPEL HUMAGNEB | SeqNo 06- |
| Title | UVS MAGNETONEBULA OBSERVATION 6 | Instrument UVS |
| Requestor | UVS-MWG/S.STEPHENS | Team UVS |
| | | Working Group MWG |

| | | | |
|------------------------|-----------------------|-------------------------------|----------------------|
| Time System CDS | Load ID G7B | Calendar Date 04/23/97 | Week 17 |
| Start | JEE+CDS 00027249:00:0 | 97-113/14:15:34.400 | JEE+019/03:11:46.000 |
| End | JEE+CDS 00034376:00:0 | 97-118/14:21:45.733 | JEE+024/03:17:57.333 |
| Duration | 00007127:00:0 | 005/00:06:11.333 | 005/00:06:11.333 |

| | | | |
|---------------------|-------------------------|-----------------------|------|
| Top Label | G7HUMAGNEB06- | | |
| Bottom Label | (UVS RTS Magnetonebula) | | |
| Plot Key | UVS | Type | SCI |
| CDS Bytes | 203 | Report Options | BOTH |
| | | Scan Platform | Yes |
| CDS Source | PA | Spin State | DUAL |
| | | DMS | No |

Observation Objective



UVS MAGNETONEBULA OBSERVATION 6, G7 CRUISE
 From: nearly anti-solar direction, cone 175.00
 To: constant cone angle, rotating clock angle (due to Scan-Type 3)
 Data rate: Instrument states last 1424 RIMS; thus, 0.21 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS selected, FMT A; thus, 1424-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD
 WAVELENGTHS (Angstroms):
 Emission lines: UVS (H Lyman alpha 1215, neutral O 1304)
 2POSN-16STEP G/G MINISCAN (UVS): G 1202.8-1225.9 (CTR 1215.1, STEP 54) [EVEN FRAMES],
 G 1290.5-1313.5 (CTR 1302.8, STEP 111) [ODD FRAMES]
 Strategy for MINISCANS: Assume no need to maintain PWS quiet

Design Detail

| PSID | RIM:mf | CDS | PA |
|-------|--------|-----|--|
| 384BU | 0 | 0 | COMMENT [UVS RIM 0] |
| 165BP | 4 | 36 | TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/T 3 |
| 157BX | 4 | 24 | CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] |
| 432BJ | 4:45 | 38 | OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES] |
| 349NR | 4:69 | 28 | UVFLUSH [6UVRT, DISCRD, UVS] |
| | 5 | | 34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G] |
| 176BL | 6 | 15 | SCITLM [RESUME PB] |
| 157BY | 7124 | 24 | CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] |
| | 7125 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOPF] |
| 432BK | 7126 | 38 | OPTRTM [UVS EXCLUDE] |

[NOTE: 16STEP command used to be 34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,94,45,00,52]

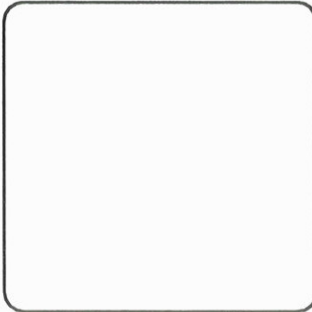
1st 24h packet as is
REAL TIME COMMANDS made MAGNEB 06 do the following:
 2nd + 3rd 24h packets = G/G full scans
 4th + 5th 24h packets = 88 step G/G minis on 1-d

| | | |
|------------------------------|---------------------------------|--------------------------|
| Activity ID: Orbit G7 | OAPEL HUMAGNEB | SeqNo 07- |
| Title | UVS MAGNETONEBULA OBSERVATION 7 | Instrument UVS |
| Requestor | UVS-MWG/S.STEPHENS | Team UVS |
| | | Working Group MWG |

| | | | |
|------------------------|-----------------------|-------------------------------|----------------------|
| Time System CDS | Load ID G7B | Calendar Date 04/29/97 | Week 18 |
| Start | JEE+CDS 00036005:00:0 | 97-119/17:48:51.733 | JEE+025/06:45:03.333 |
| End | JEE+CDS 00041708:00:0 | 97-123/17:55:13.733 | JEE+029/06:51:25.333 |
| Duration | 00005703:00:0 | 004/00:06:22.000 | 004/00:06:22.000 |

| | | | |
|---------------------|-------------------------|-----------------------|------|
| Top Label | G7HUMAGNEB07- | | |
| Bottom Label | (UVS RTS Magnetonebula) | | |
| Plot Key | UVS | Type | SCI |
| CDS Bytes | 166 | Report Options | BOTH |
| | | Scan Platform | Yes |
| CDS Source | PA | Spin State | DUAL |
| | | DMS | No |

Observation Objective



UVS MAGNETONEBULA OBSERVATION 7, G7 CRUISE
 From: nearly anti-solar direction, cone 175.00
 To: constant cone angle, rotating clock angle (due to Scan-Type 3)
 Data rate: Instrument states last 1424 RIMS; thus, 0.21 bps UVS
 OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):
 UVS selected, FMT A; thus, 1424-RIM UVFLUSHes needed to PACKET UVS,
 after initial DISCRD
 WAVELENGTHS (Angstroms):
 Emission lines: UVS (H Lyman alpha 1215, neutral O 1304)
 2POSN-16STEP G/G MINISCAN (UVS): G 1202.8-1225.9 (CTR 1215.1, STEP 54) [EVEN FRAMES],
 G 1290.5-1313.5 (CTR 1302.8, STEP 111) [ODD FRAMES]
 2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES],
 G 1319.6 (STEP 122) [ODD FRAMES]

Design Detail

| PSID | RIM:mf | CDS | PA |
|-------|--------|-----|--|
| 384BV | -3 | 0 | COMMENT [UVS RIM 0] |
| 157BZ | 4 | 24 | CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] |
| 432BL | 4:45 | 38 | OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES] |
| 349NS | 4:69 | 28 | UVFLUSH [6UVRT, DISCRD, UVS] |
| | 5 | | 34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G] |
| 157KA | 4276 | 38 | CMDRS (10+14*2) [PLAN DUR 1425, EST UVS CMDS 2] |
| | 4277 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,9C,05,00,0A [1STEP G/G] |
| | 5701 | | 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF] |
| 432BM | 5702 | 38 | OPTRTM [UVS EXCLUDE] |

[NOTE: redundant TARGET (and associated S/T 3 UTILITY and Pause/Resume Playback) removed]
 [NOTE: 16STEP command used to be 34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,94,45,00,52]

R.T. commands made all these 24 packets contain G/G full scans.

KES/apr 25, 97