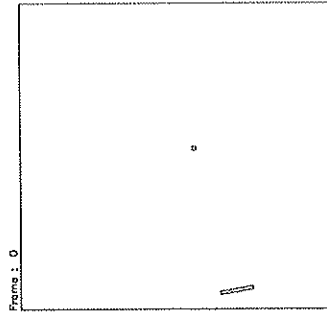
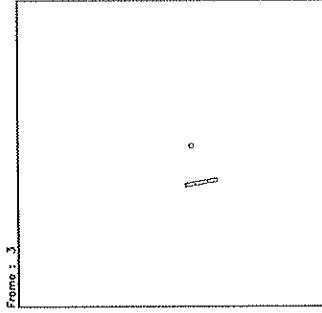


Activity ID: Orbit G7		OAPEL TUCTORUS		SeqNo 02-	
Title	UVS CALLISTO NEUTRAL TORUS G7 INBOUND			Instrument	UVS
Requestor	UVS-MWG/S.STEPIENS		Team	UVS	Working Group MWG
Time System	CDS	Load ID	G7A	Calendar Date	03/30/97
				Week	13
Start	JEE-CDS 00006750:00:0		97-089/17:18:48.400		JEE-004/17:45:00.000
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
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>UVS CALLISTO NEUTRAL TORUS MIDNIGHT ANSA PROFILE 2, G7 INBOUND:                      From: 28.57 Rj (outside Callisto ansa) at cone &gt; 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.,</p> </div>					
<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 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]	

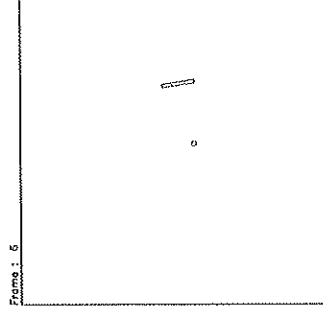
CALLISTO  
NEUTRAL TORUS  
MIDNIGHT AIA-A



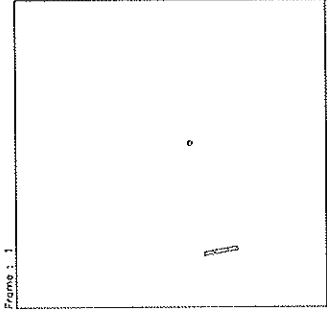
Start UTC\_TIME : 1997-089 // 17:22:47.217  
No End Time :  
Start SCLK : 1/03891329:00:00



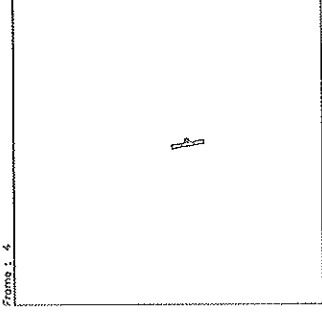
Target Body : CALLISTO  
Target Cone/Clock : 95.05 / 95.20 Deg  
S/C to Body Center : 2742416. Km ( 114.12+66 Rc )  
Z-axis Pointing ( Ra / Dec ) : 156.90 / 15.10 Deg



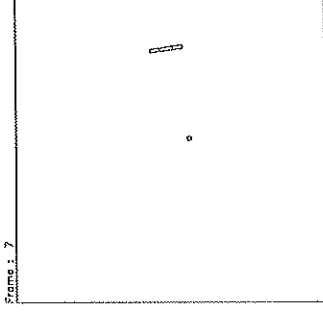
Target Body : CALLISTO  
Target Cone/Clock : 95.05 / 95.20 Deg  
S/C to Body Center : 2742416. Km ( 114.12+66 Rc )  
Z-axis Pointing ( Ra / Dec ) : 156.90 / 15.10 Deg



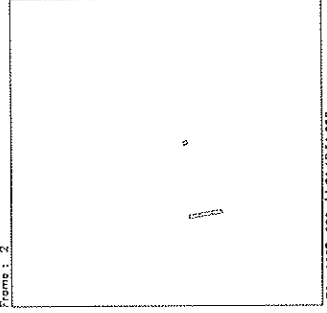
Target Body : CALLISTO  
Target Cone/Clock : 95.05 / 95.20 Deg  
S/C to Body Center : 2742416. Km ( 114.12+66 Rc )  
Z-axis Pointing ( Ra / Dec ) : 156.90 / 15.10 Deg



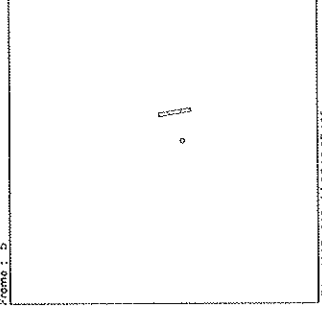
Target Body : CALLISTO  
Target Cone/Clock : 95.05 / 95.20 Deg  
S/C to Body Center : 2742416. Km ( 114.12+66 Rc )  
Z-axis Pointing ( Ra / Dec ) : 156.90 / 15.10 Deg



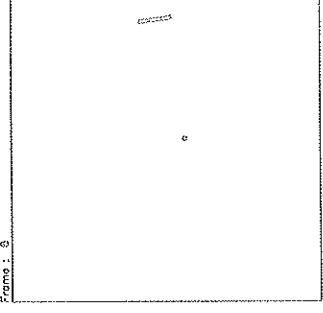
Target Body : CALLISTO  
Target Cone/Clock : 95.05 / 95.20 Deg  
S/C to Body Center : 2742416. Km ( 114.12+66 Rc )  
Z-axis Pointing ( Ra / Dec ) : 156.90 / 15.10 Deg



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

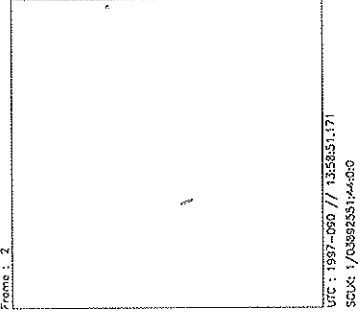
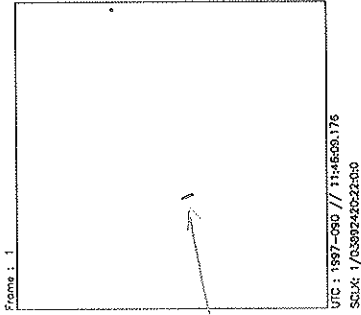
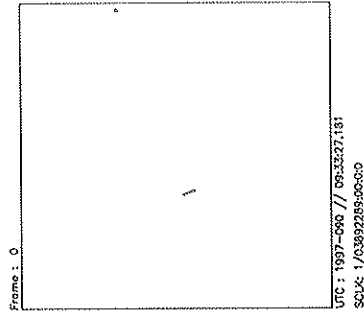


Target Body : CALLISTO  
Target Cone/Clock : 95.05 / 95.20 Deg  
S/C to Body Center : 2742416. Km ( 114.12+66 Rc )  
Z-axis Pointing ( Ra / Dec ) : 156.90 / 15.10 Deg

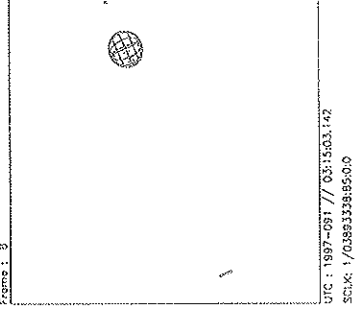
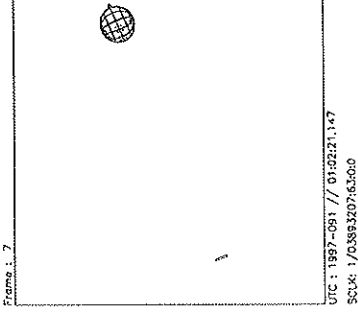
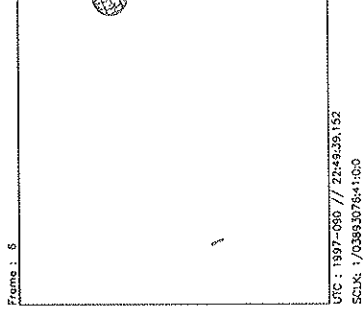
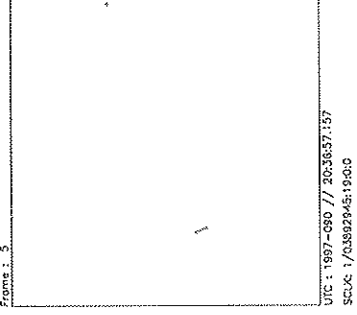
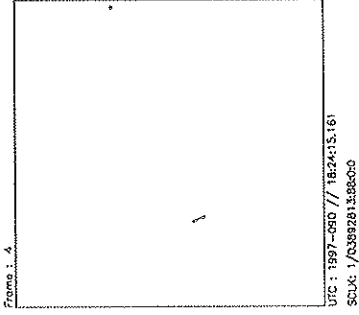
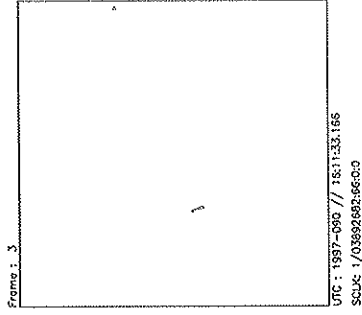


Target Body : CALLISTO  
Target Cone/Clock : 95.05 / 95.20 Deg  
S/C to Body Center : 2742416. Km ( 114.12+66 Rc )  
Z-axis Pointing ( Ra / Dec ) : 156.90 / 15.10 Deg

<b>Activity ID:</b>	Orbit G7	<b>OAPEL</b>	TUGTORUS	<b>SeqNo</b>	02-
<b>Title</b>	UVS GANYMEDE NEUTRAL TORUS G7 INBOUND			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPIENS	<b>Team</b>	UVS	<b>Working Group</b>	MWG
<b>Time System</b>	CDS	<b>Load ID</b>	G7A	<b>Calendar Date</b>	03/31/97
<b>Week</b>	13				
<b>Start</b>	JEE-CDS 00005786:00:0		97-090/09:33:31.067		JEE-004/01:30:17.333
<b>End</b>	JEE-CDS 00004706:00:0		97-091/03:45:31.067		JEE-003/07:18:17.333
<b>Duration</b>	00001080:00:0		000/18:12:00.000		000/18:12:00.000
<b>Top Label</b>	G7TUGTORUS02-				
<b>Bottom Label</b>	(UVS RTS Ganymede Torus)				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	399	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
	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,					
<b>Design Detail</b>					
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]		



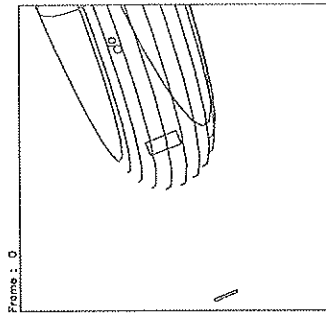
*GADY  
Newt. midwest  
TONG-ASIA*



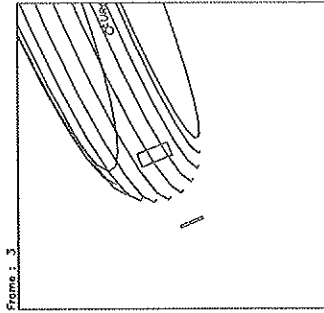
Start UTC\_TIME : 1997-090 // 09:33:27.181  
No End Time :  
Start SCLX : 1/03892289:00:0:0

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

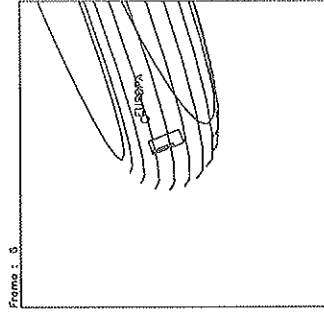
Activity ID: Orbit G7		OAPEL TUG7MANS		SeqNo 01-	
Title	UVS/EUV MDNT ANSA MAP 1, LO RATE G7 INBD			Instrument	UVS
Requestor	UVS-MWG/S.STEPIENS	Team	UVS	Working Group	MWG
Time System	CDS	Load ID	G7A	Calendar Date	04/01/97
				Week	14
Start	JEE-CDS 00004157:00:0		97-09/13:00:37.067		JEE-002/22:03:11.333
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
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <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> </div>					
<b>Design Detail</b>					
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]	



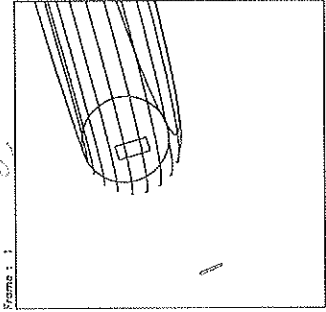
Frame : 0  
 UTC : 1997-091 // 13:04:35.787  
 SCLK : 1/03894022:000:00



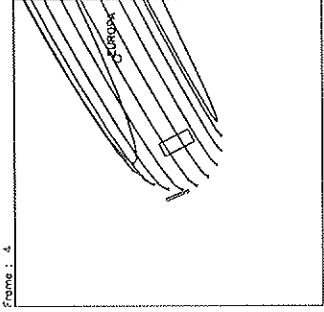
Frame : 3  
 UTC : 1997-091 // 17:59:55.776  
 SCLK : 1/0389421:009:50



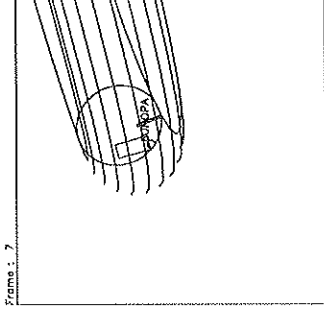
Frame : 6  
 UTC : 1997-091 // 22:52:17.765  
 SCLK : 1/03894508:19:00



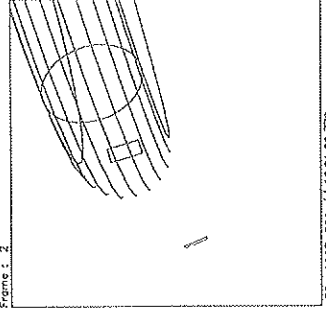
Frame : 1  
 UTC : 1997-091 // 14:43:02.783  
 SCLK : 1/03894019:33:50



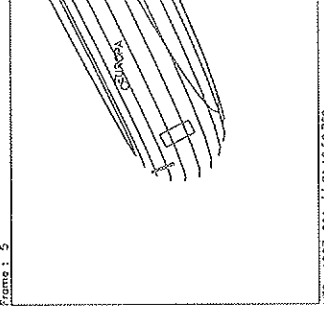
Frame : 4  
 UTC : 1997-091 // 19:38:23.772  
 SCLK : 1/03894311:43:00



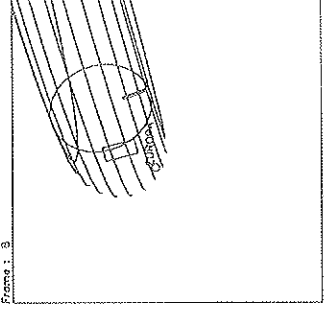
Frame : 7  
 UTC : 1997-092 // 00:33:44.761  
 SCLK : 1/03894603:59:50



Frame : 2  
 UTC : 1997-091 // 18:21:29.779  
 SCLK : 1/03894116:07:00



Frame : 5  
 UTC : 1997-091 // 21:16:50.769  
 SCLK : 1/03894408:76:50

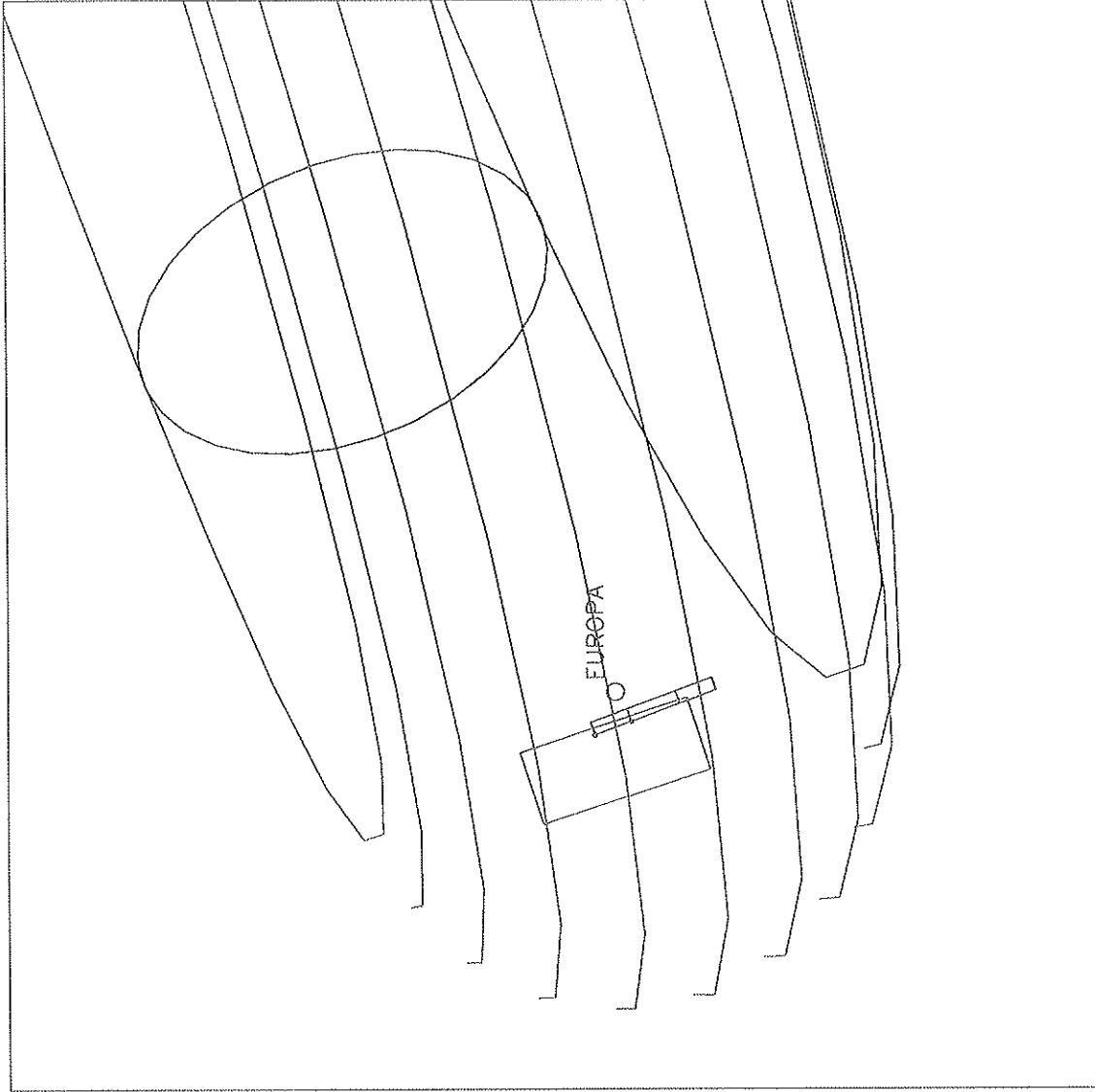


Frame : 8  
 UTC : 1997-092 // 02:12:11.758  
 SCLK : 1/03894700:86:00

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 SCLK : 1/03893922:00:00

Wed Mar 12 17:48:11 1997



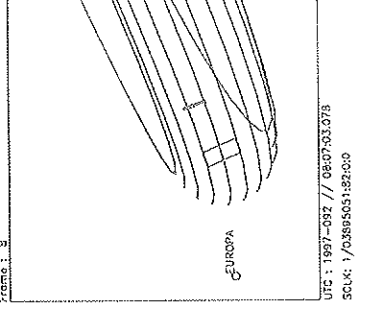
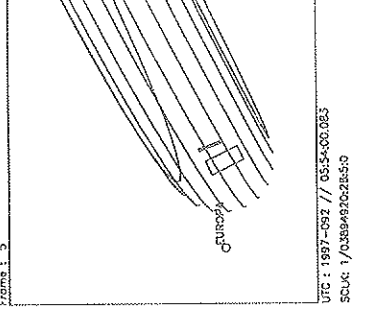
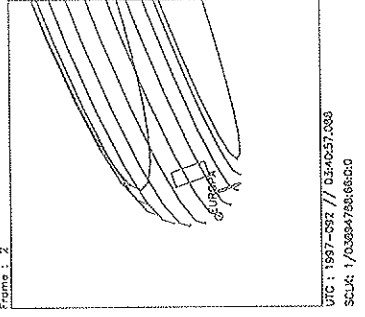
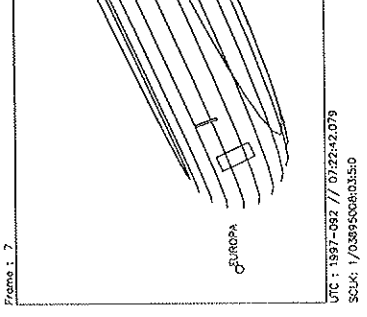
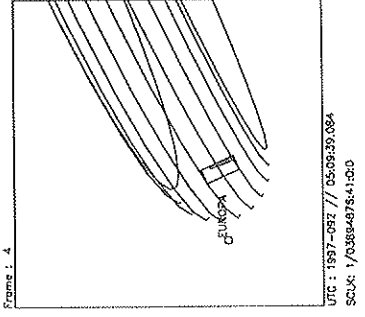
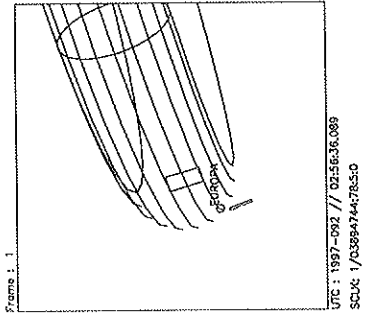
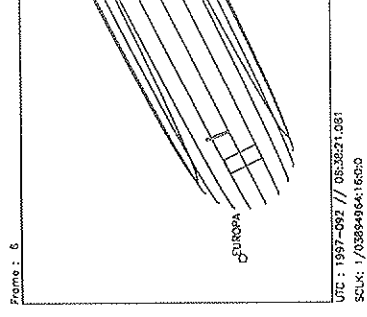
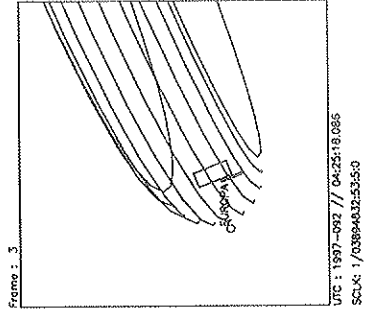
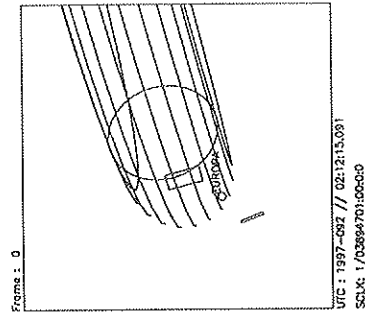
Start UTC\_TIME : 1997-091 // 23:45:38.430  
No End Time :  
Start SCLK : 1/03894356:00:0:0  
Target Body : JUPITER  
Target Cone/Clock : 79.55/ 95.89 Deg  
S/C to Body Center : 2175894, Km ( 30.435484 Rj )  
Z-axis Pointing ( Ra / Dec ) : 136.90 / 15.10 Deg

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				
<b>Observation Objective</b>							
<div style="border: 1px solid black; padding: 5px;"> <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> </div>							
<b>Design Detail</b>							
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
End	JEE-CDS 00003373:00:0		97-092/02:13:19.734	JEE-002/08:50:28.666
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
<b>Observation Objective</b>				
	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]				
<b>Design Detail</b>				
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]

<b>Activity ID:</b>	Orbit G7	<b>OAPEL</b> TUG7MPRO	<b>SeqNo</b>	01-
<b>Title</b>	UVS/EUV MDNT ANSA PROFILE 1, G7 INBD		<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>	G7A	<b>Calendar Date</b> 04/02/97 <b>Week</b> 14
<b>Start</b>	JEE-CDS 00003373:00:0		97-092/02:13:19.734	JEE-002/08:50:28.666
<b>End</b>	JEE-CDS 00003013:00:0		97-092/08:17:19.734	JEE-002/02:46:28.666
<b>Duration</b>	00000360:00:0		000/06:04:00.000	000/06:04:00.000
<b>Top Label</b>	G7TUG7MPRO01-			
<b>Bottom Label</b>	(UVS/EUV RTS Torus)			
<b>Plot Key</b>	UVS	<b>Type</b>	SCI	
<b>CDS Bytes</b>	228	<b>Report Options</b>	BOTH	<b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b> No
<b>Observation Objective</b>				
<div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 150px; height: 100px; margin-right: 10px;"></div> <div> <p>UVS/EUV IO TORUS MIDNIGHT ANSA RADIAL PROFILE 1, G7 INBOUND:                      From: 6.91 Rj (outside ribbon) at cone &gt; 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],</p> </div> </div>				
<b>Design Detail</b>				
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}

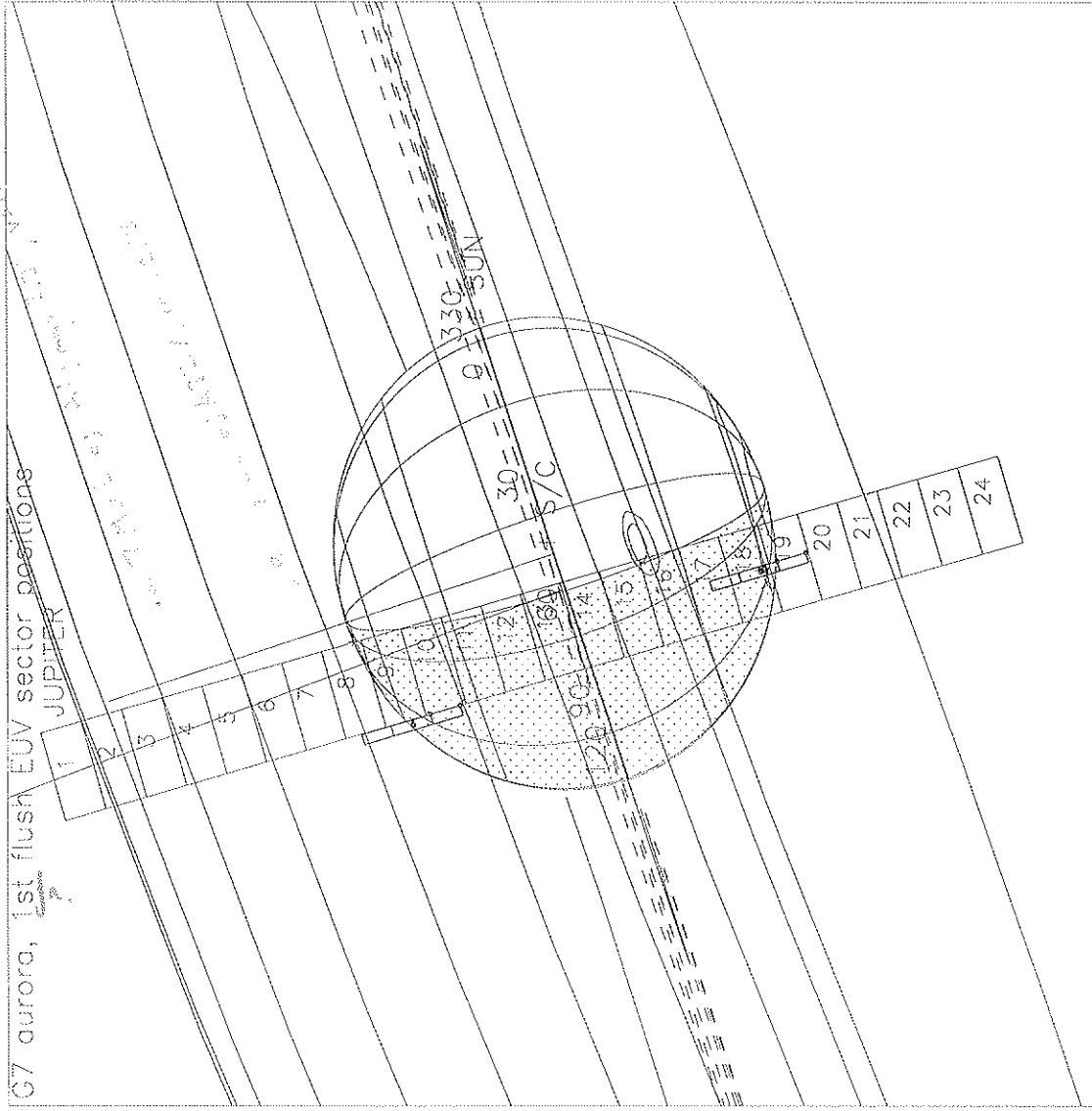


Start UTC\_TIME : 1997-092 // 02:12:15.091  
No End Time :  
Start SCLK : 1/03894701:00:00

Target Body : JUPITER  
Target Cone/Clock : 80.89 / 95.84 Deg  
S/C to Body Center : 2114021. Km ( 29.5700333 Rj )  
Z-axis Pointing ( Rc / Dec ) : 156.90 / 15.10 Deg

<b>Activity ID: Orbit</b> G7		<b>OAPEL</b> JUG7AURA		<b>SeqNo</b> 01-	
<b>Title</b>		UVS/EUV AURORA MAP 1, LO RATE G7 INBD		<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>	G7A	<b>Calendar Date</b>	04/02/97
				<b>Week</b>	14
<b>Start</b>	JEE-CDS 00002765:00:0		97-092/12:28:05.067		JEE-001/22:35:43.333
<b>End</b>	JEE-CDS 00002723:00:0		97-092/13:10:33.067		JEE-001/21:53:15.333
<b>Duration</b>	00000042:00:0		000/00:42:28.000		000/00:42:28.000
<b>Top Label</b>		G7JUG7AURA01-			
<b>Bottom Label</b>		(UVS/EUV RTS Aurora)			
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	162	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
	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				
	OPTRM/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					
<b>Design Detail</b>					
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



195  
 20  
 19

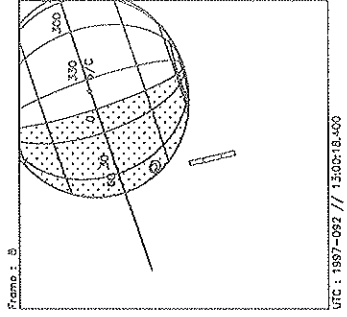
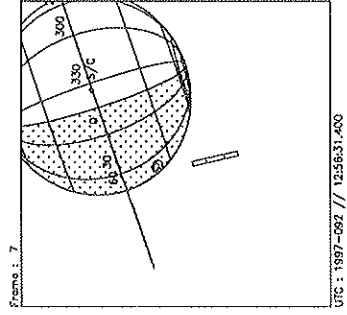
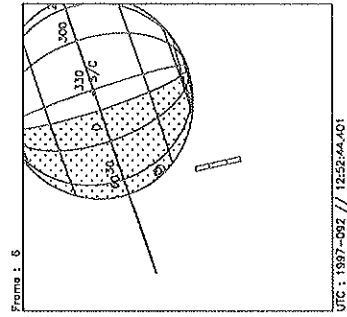
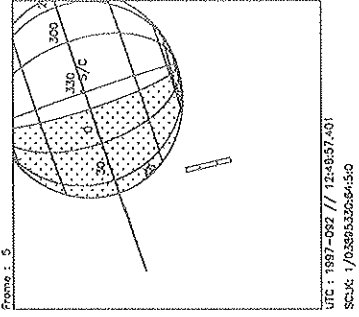
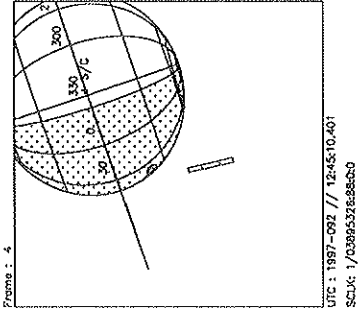
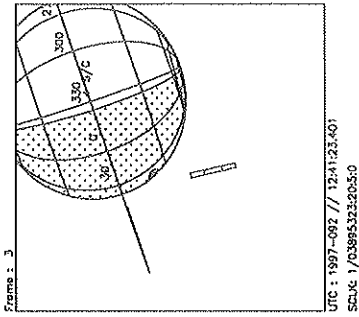
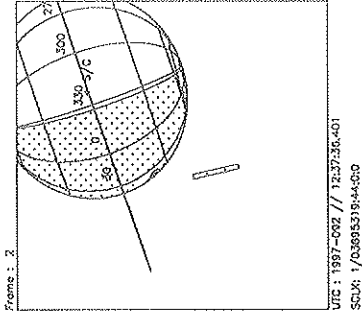
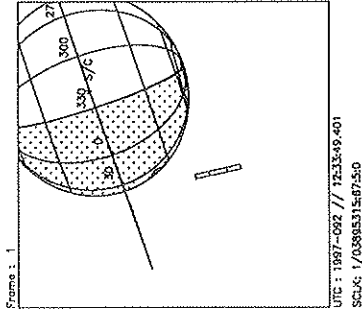
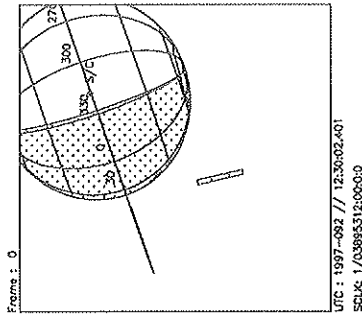
3805  
 before bright OVS  
 Flusher in G7

UV/SSI goes with record 25

987557005  
 5875100

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)

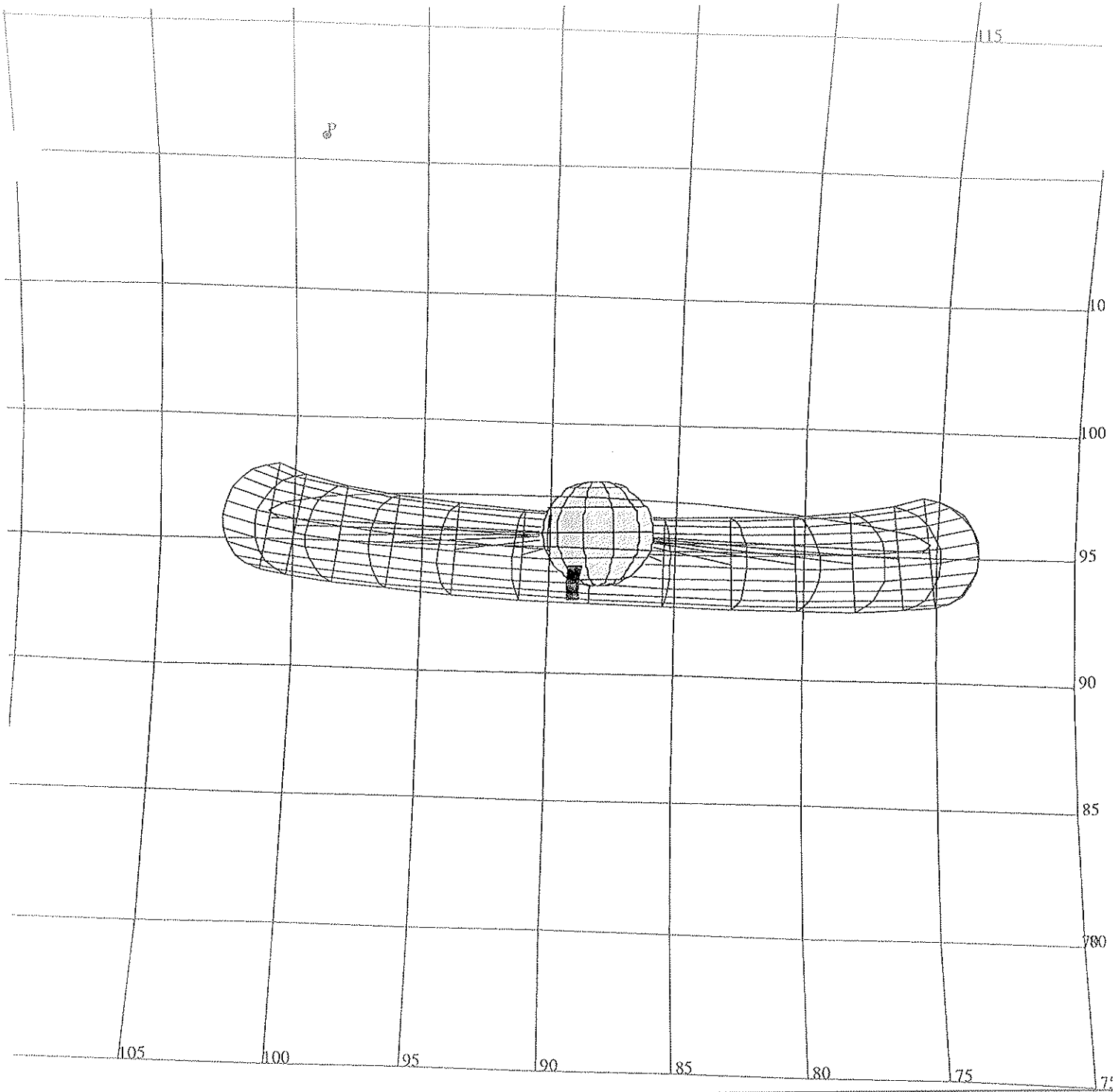
Target Body : JUPITER  
 Target Ra/Dec : 221.13/-17.81 Deg  
 S/C to Body Center : 1781563. Km ( 24.919749 RJ )  
 Z-axis Pointing ( Ra / Dec ) : 136.89 / 15.08 Deg



Start UTC\_TIME : 1997-092 // 12:30:02.401  
No End Time :  
Start SCLK : 1/038953120000

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		
<b>Observation Objective</b>							
	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],							
<b>Design Detail</b>							
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 [HVOFF]			



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

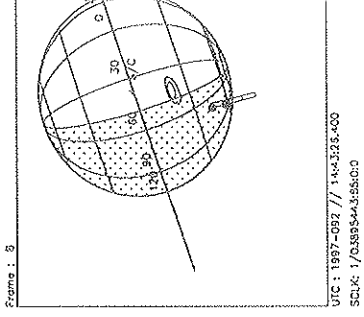
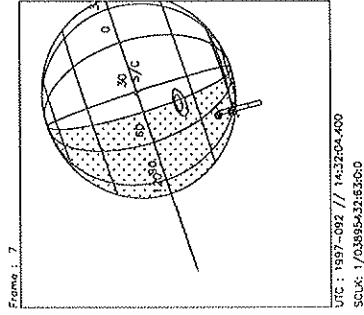
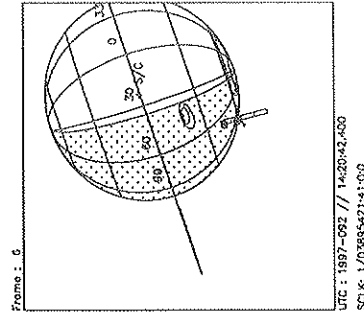
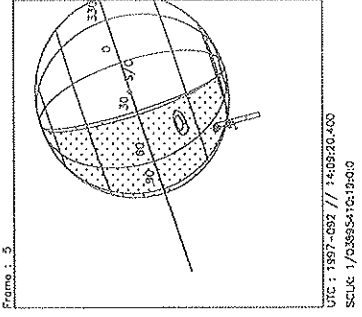
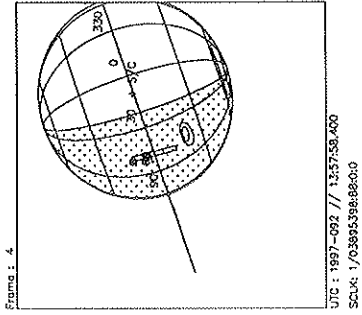
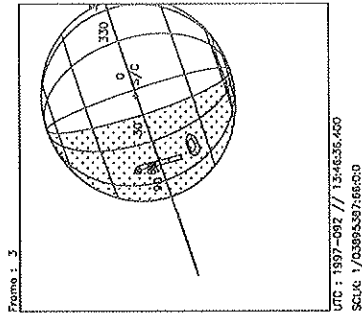
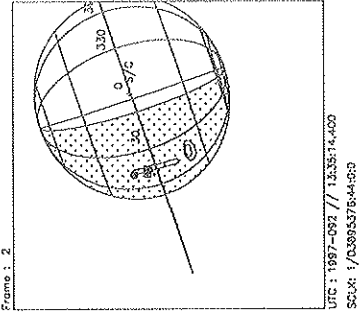
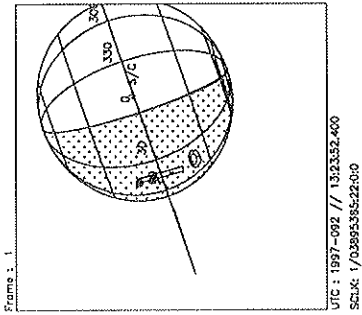
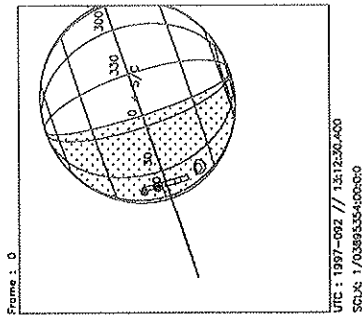
ERIAPSIS:

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



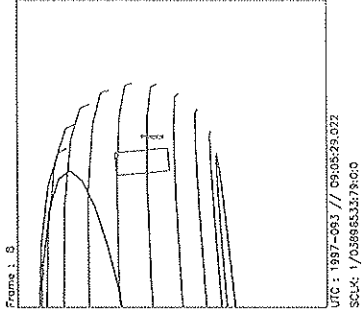
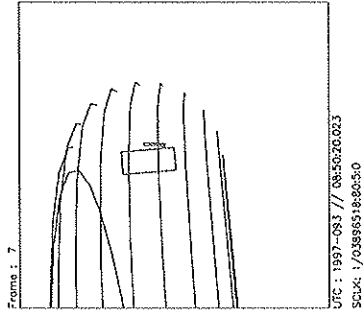
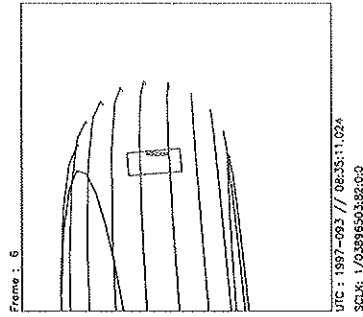
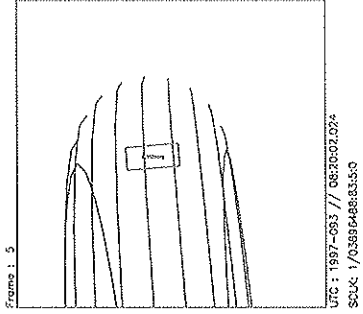
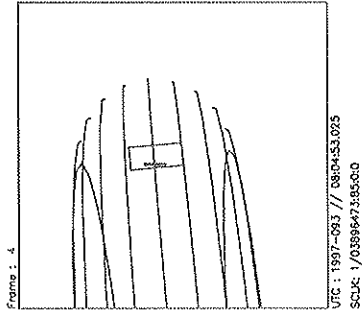
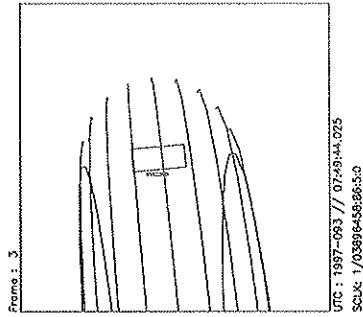
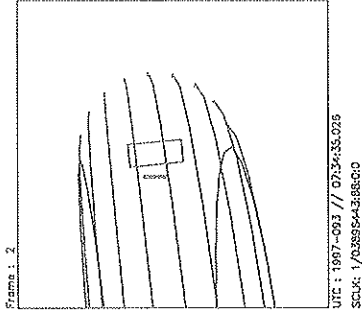
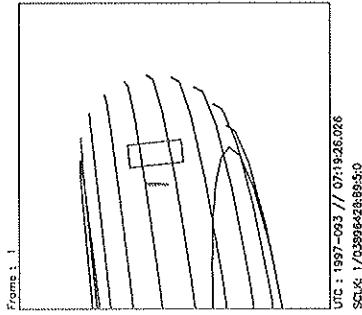
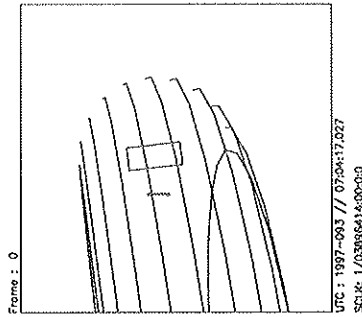


Start UTC\_TIME : 1997-092 // 13:12:30.400  
 End UTC\_TIME : 1997-092 // 14:43:30.397  
 Start SCLK : 1/03895354:00:0:0  
 Delta Time between FOV : 682.0000  
 FOVs : F Channel(0.1x0.4), N/C Channel(0.5x0.5)

Target Body : JUPITER  
 Target Cone/Clock : 88.10 / 95.61 Deg  
 S/C to Body Center : 1823167. 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		
<b>Observation Objective</b>					
<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>					
<b>Design Detail</b>					
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

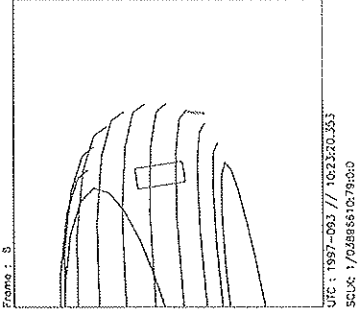
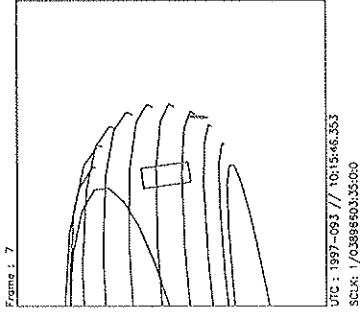
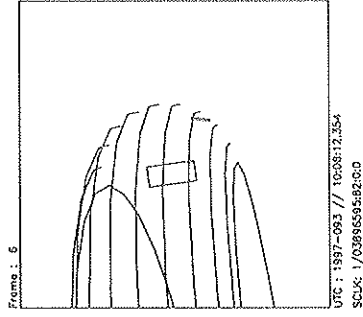
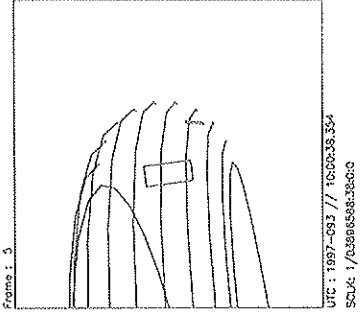
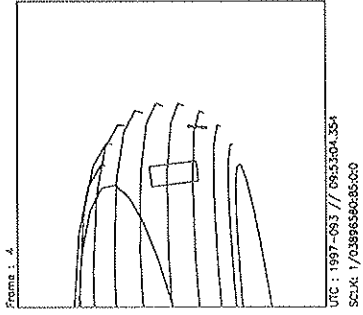
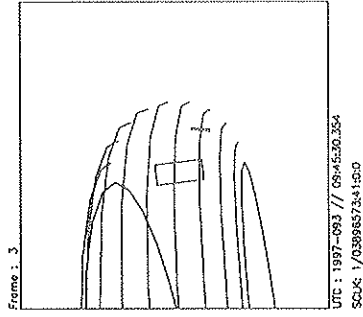
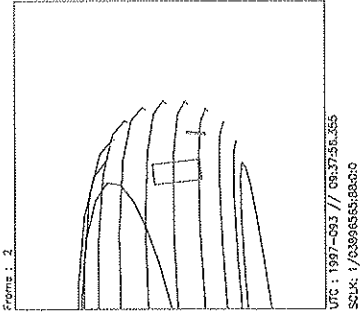
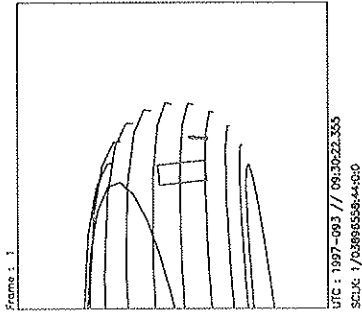
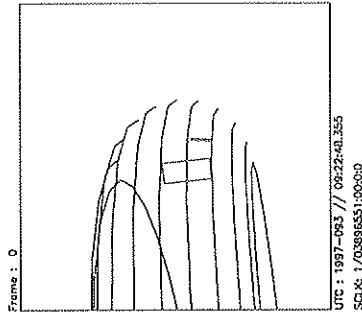
Activity ID:	Orbit G7	OAPEL TUG7NANS	SeqNo	02-			
Title	UVS NOON ANSA MAP 2, HI RATE G7 INBD		Instrument	UVS			
Requestor	UVS-MWG/S.STEPHENS	Team	UVS	Working Group	MWG		
Time System	CDS	Load ID	G7A	Calendar Date	04/03/97	Week	14
Start	JEE-CDS 00001665:00:0		97-093/07:00:18.400		JEE-001/04:03:30.000		
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		
<b>Observation Objective</b>							
<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>							
<b>Design Detail</b>							
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 : 130799 i. Km ( 16.295625 Rj )  
Z-axis Pointing ( Ro / Dec ) : 136.90 / 15.10 Deg

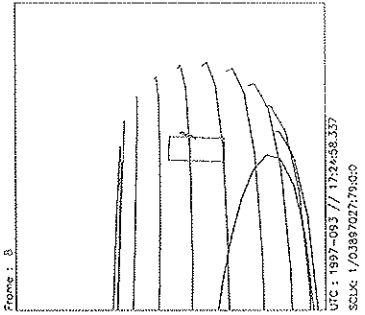
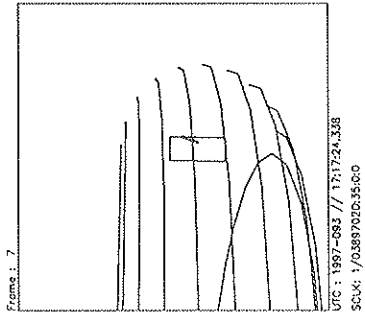
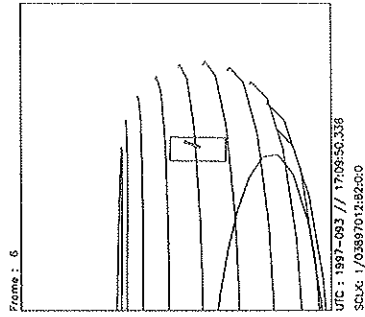
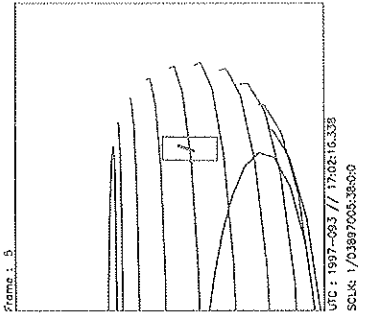
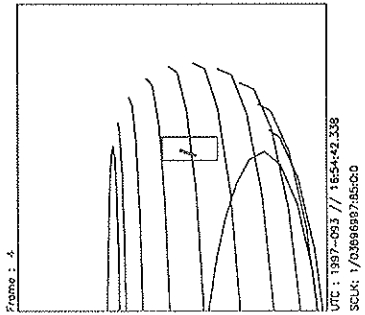
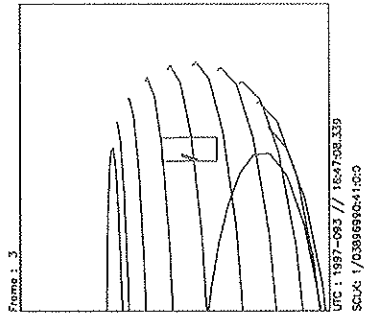
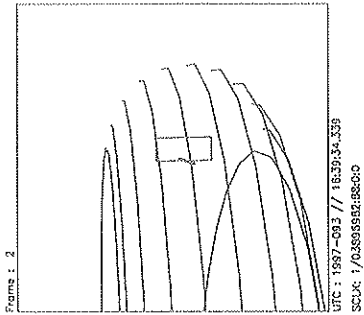
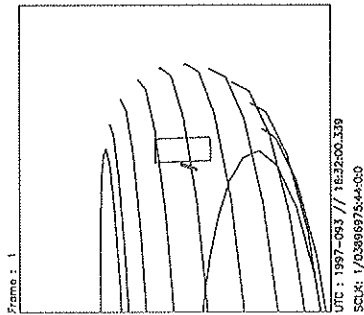
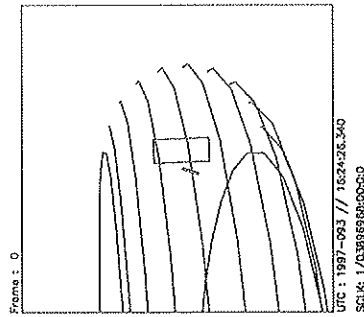
<b>Activity ID:</b>	Orbit G7	OAPEL TUG7NANS	<b>SeqNo</b>	03-
<b>Title</b>	UVS NOON ANSA MAP 3, LO RT G7 INBD		<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b> MWG
<b>Time System</b>	CDS	<b>Load ID</b>	G7A	<b>Calendar Date</b> 04/03/97 <b>Week</b> 14
<b>Start</b>	JEE-CDS 00001526:00:0		97-093/09:20:51.067	JEE-001/01:42:57.333
<b>End</b>	JEE-CDS 00001464:00:0		97-093/10:23:32.400	JEE-001/00:40:16.000
<b>Duration</b>	00000062:00:0		000/01:02:41.333	000/01:02:41.333
<b>Top Label</b>	G7TUG7NANS03-			
<b>Bottom Label</b>	(UVS RTS Torus)			
<b>Plot Key</b>	UVS	<b>Type</b>	SCI	
<b>CDS Bytes</b>	130	<b>Report Options</b>	BOTH	<b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<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>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>				
<b>Design Detail</b>				
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]
				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]
				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 // 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

<b>Activity ID:</b> Orbit G7	<b>OAPEL TUG7NPRO</b>		<b>SeqNo</b> 01-
<b>Title</b>	UVS NOON ANSA PROFILE 1, G7 INBD	<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPIENS	<b>Team</b> UVS	<b>Working Group</b> MWG
<b>Time System</b> CDS	<b>Load ID</b> G7A	<b>Calendar Date</b> 04/03/97	<b>Week</b> 14
<b>Start</b>	JEE-CDS 00001111:00:0	97-093/16:20:27.734	JEE-000/18:43:20.666
<b>End</b>	JEE-CDS 00001047:00:0	97-093/17:25:10.400	JEE-000/17:38:38.000
<b>Duration</b>	00000064:00:0	000/01:04:42.666	000/01:04:42.666
<b>Top Label</b>	G7TUG7NPRO01-		
<b>Bottom Label</b>	(UVS RTS Torus)		
<b>Plot Key</b>	UVS	<b>Type</b>	SCI
<b>CDS Bytes</b>	130	<b>Report Options</b>	BOTH
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL
		<b>Scan Platform</b>	Yes
		<b>DMS</b>	No
<b>Observation Objective</b>			
	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		
	OPTRTM/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)		
	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]			
<b>Design Detail</b>			
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
<b>Observation Objective</b>				
	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)				
<b>Design Detail</b>				
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
<b>Observation Objective</b>		
	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)		
<b>Design Detail</b>		
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	24 SCITLM [RESUME PB]
165BS	6901	24 CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
157BR	6990	36 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
176BE	6991	36 TARGET {CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4}, S/T 3
	6990	24 CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
	6991	34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,9C,05,00,0A [1STEP G/G]
	6992	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
<b>Observation Objective</b>		
	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	
<b>Design Detail</b>		
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,O,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
432BE	4273	38 OPTRTM [UVS EXCLUDE]

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
<b>Observation Objective</b>				
<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>				
<b>Design Detail</b>				
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]	

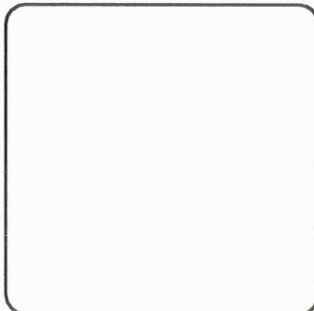
Activity ID:	Orbit G7	OAPEL HUMAGNEB	SeqNo	05-
Title	UVS MAGNETONEBULA OBSERVATION 5		Instrument	UVS
Requestor	UVS-MWG/S.STEPHENS	Team	UVS	Working Group
				MWG
Time System	CDS	Load ID	G7B	Calendar Date
				04/22/97
				Week
				17
Start	JEE+CDS 00025690:00:0		97-112/11:59:15.066	JEE+018/00:55:26.666
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
<b>Observation Objective</b>				
<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>				
<b>Design Detail</b>				
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]				

<b>Activity ID:</b> Orbit G7	<b>OAPEL</b> HUMAGNEB	<b>SeqNo</b> 06-
<b>Title</b>	UVS MAGNETONEBULA OBSERVATION 6	<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> G7B	<b>Calendar Date</b> 04/23/97	<b>Week</b> 17
<b>Start</b>	JEE+CDS 00027249:00:0	97-113/14:15:34.400	JEE+019/03:11:46.000
<b>End</b>	JEE+CDS 00034376:00:0	97-118/14:21:45.733	JEE+024/03:17:57.333
<b>Duration</b>	00007127:00:0	005/00:06:11.333	005/00:06:11.333

<b>Top Label</b>	G7HUMAGNEB06-		
<b>Bottom Label</b>	(UVS RTS Magnetonebula)		
<b>Plot Key</b>	UVS	<b>Type</b>	SCI
<b>CDS Bytes</b>	203	<b>Report Options</b>	BOTH
		<b>Scan Platform</b>	Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL
		<b>DMS</b>	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:**  
 2<sup>nd</sup> + 3<sup>rd</sup> 24h packets = G/G full scans  
 4<sup>th</sup> + 5<sup>th</sup> 24h packets = 88 step G/G minis on 1-d



<b>Activity ID: Orbit</b> G7		<b>OAPEL HUMAGNEB</b>		<b>SeqNo</b> 07-	
<b>Title</b>		UVS MAGNETONEBULA OBSERVATION 7		<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>	G7B	<b>Calendar Date</b>	04/29/97
				<b>Week</b>	18
<b>Start</b>	JEE+CDS 00036005:00:0		97-119/17:48:51.733		JEE+025/06:45:03.333
<b>End</b>	JEE+CDS 00041708:00:0		97-123/17:55:13.733		JEE+029/06:51:25.333
<b>Duration</b>	00005703:00:0		004/00:06:22.000		004/00:06:22.000
<b>Top Label</b>		G7HUMAGNEB07-			
<b>Bottom Label</b>		(UVS RTS Magnetonebula)			
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	166	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>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],  <span style="float: right;">G 1290.5-1313.5 (CTR 1302.8, STEP 111) [ODD FRAMES]</span>                      2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES],  <span style="float: right;">G 1319.6 (STEP 122) [ODD FRAMES]</span></p> </div>					
<b>Design Detail</b>					
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]					
<p><i>R.T. commands made all these 24<sup>h</sup> packets contain G/G full scans.</i></p> <p style="text-align: right;"><i>KES/apr 25, 97</i></p>					