Activity ID:	Orbit G8	OAPEL TUGTORUS		SeqNo 01-	
Title	UVS GANYMEDE NEUTRAL TORUS 1, G8 INBD			Instrument	UVS
Requestor	UVS-MWG/S.STEPHENS	Team UVS		Working Group	MWG

Time System CDS	Load ID G8A	Calendar Date 05/04/97		Week	18
Start	JEE-CDS 00005400:00:0	97-124/16:42:13.400	JEE-003/19:00:00.000		
End	JEE-CDS 00005066:00:0	97-124/22:19:56.067	JEE-003/13:22:17.333		
Duration	00000334:00:0	000/05:37:42.667	000/05:37:42.667		

Top Label	G8TUGTORUS01-				
Bottom Label	(UVS RTS Ganymede Torus)				
Plot Key	UVS	Type	SCI		
CDS Bytes	345	Report Options	BOTH	Scan Platform	Yes
CDS Source	PA	Spin State	DUAL	DMS	No

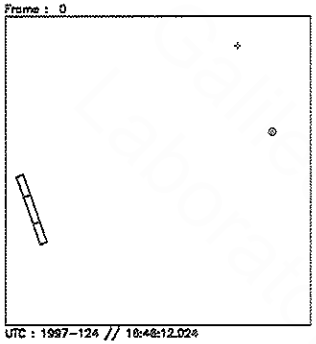
Observation Objective

UVS GANYMEDE NEUTRAL TORUS MIDNIGHT ANSA PROFILE 1, G8 INBOUND
(GLL-Jup = 39.1 Rj):
From: 15.81 Rj (outside Ganymede ansa) at cone < 90 (ansa at 14.97 Rj)
To: 14.11 Rj (inside Ganymede ansa) at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rate 4.87 bps UVS):
UVS deselected; 60-RIM UVFLUSHes usually needed to PACKET UVS after initial DISCRD
Total bits: 6 UVS UVFLUSH PACKETs = 0.11 MB UVS
WAVELENGTHS (Angstroms):
Emission lines: UVS (H 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: Alternate 30-RIM MINISCANs and 30-RIM

Design Detail

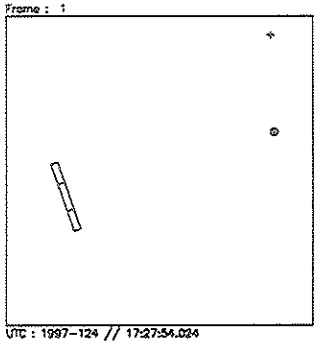
PSID	RIM:mf	CDS	PA
384BA	0	0	COMMENT [UVS RIM 0]
61BF	1	37	LOOPER [LOOP PERIOD 60, NUM LOOPS 5]
157BA	3	38	CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2]
349BA	3:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BA	4	36	TARGET [CONE 79.64, CLOCK 97.79, POSITION SLEW ALLOCATION 4]
	4		34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]
	34		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349BB	62:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349OE	122:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349OF	152:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349OG	212:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349OH	272:69	28	UVFLUSH [6UVRT, PACKET, UVS]
157MM	303	38	CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2]
	304		34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]
349OI	332:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	334		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]

Frame : 0



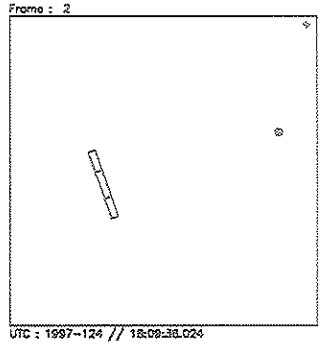
UTC : 1997-124 // 16:46:12.024
SCLK: 1/03941139:00:0:0

Frame : 1



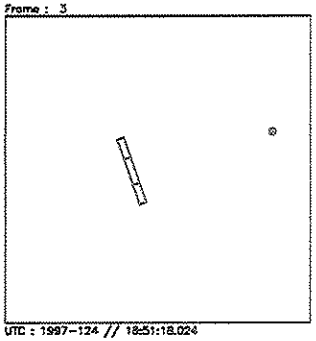
UTC : 1997-124 // 17:27:54.024
SCLK: 1/03941160:22:0:0

Frame : 2



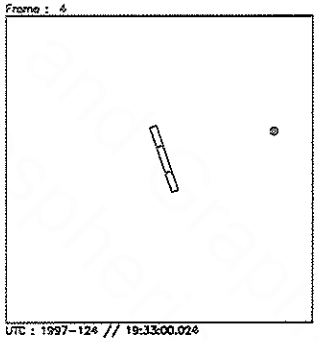
UTC : 1997-124 // 18:09:36.024
SCLK: 1/03941221:44:0:0

Frame : 3



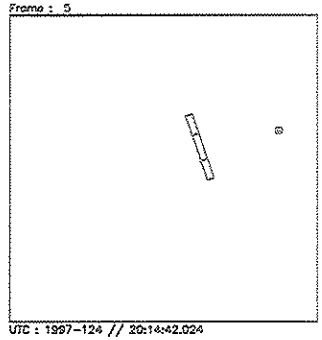
UTC : 1997-124 // 18:51:18.024
SCLK: 1/03941282:66:0:1

Frame : 4



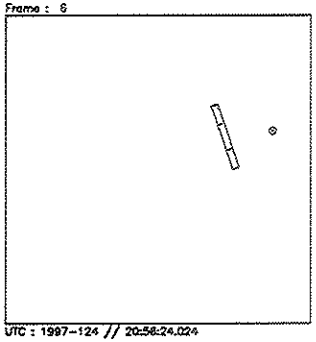
UTC : 1997-124 // 19:33:00.024
SCLK: 1/03941303:88:0:1

Frame : 5



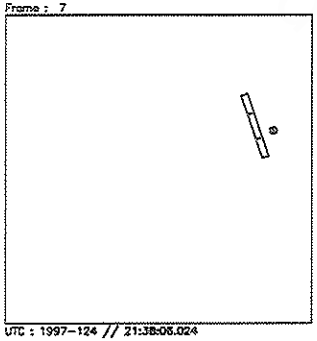
UTC : 1997-124 // 20:14:42.024
SCLK: 1/03941345:19:0:1

Frame : 6



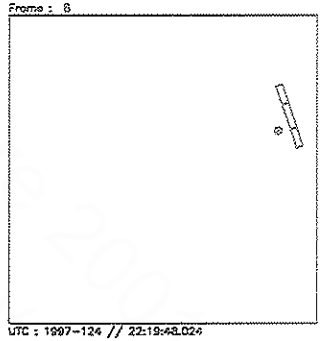
UTC : 1997-124 // 20:56:24.024
SCLK: 1/03941366:41:0:1

Frame : 7



UTC : 1997-124 // 21:38:08.024
SCLK: 1/03941427:63:0:1

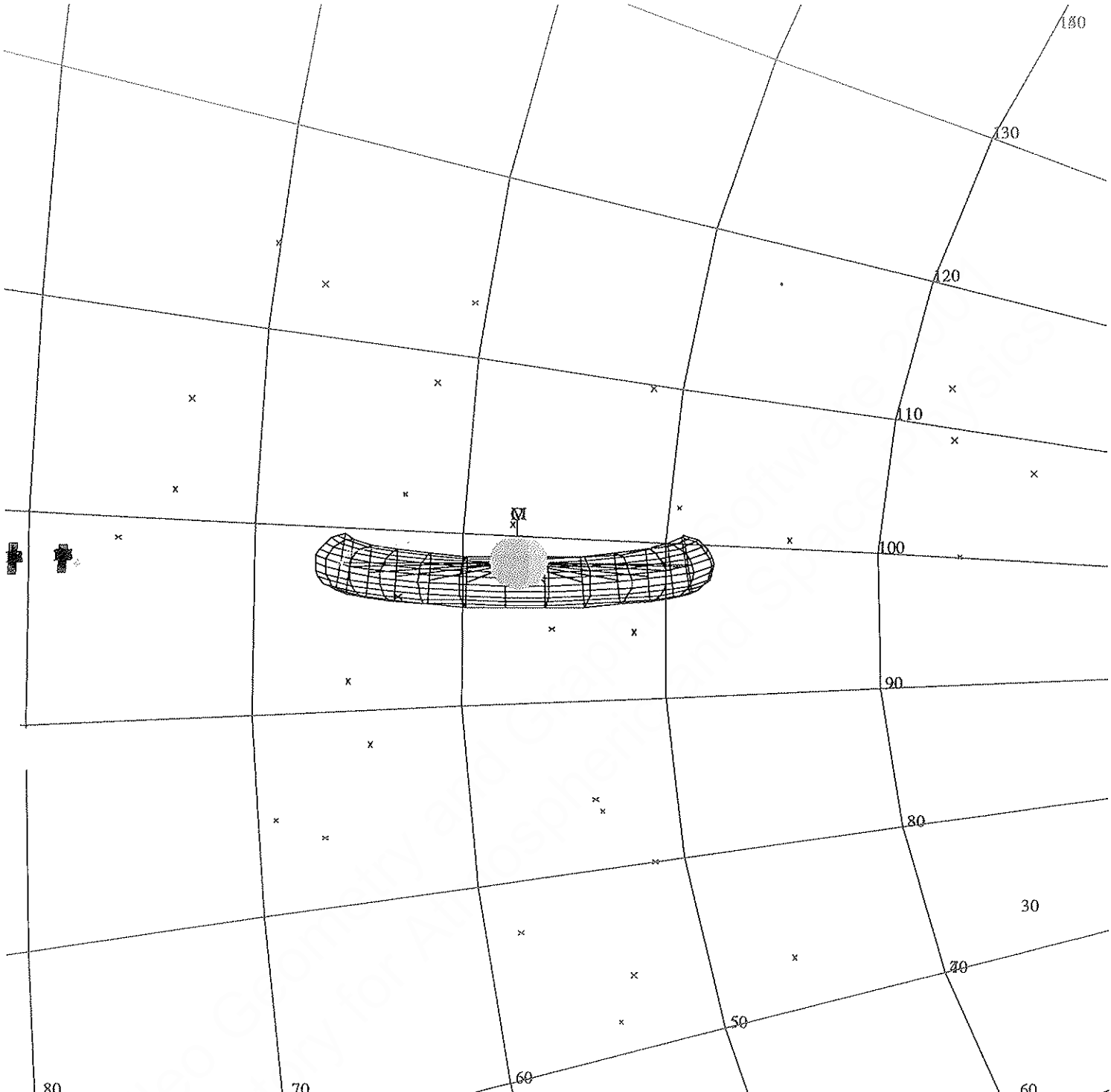
Frame : 8



UTC : 1997-124 // 22:19:48.024
SCLK: 1/03941468:85:0:1

Start UTC_TIME : 1997-124 // 16:46:12.024
End UTC_TIME : 1997-124 // 22:19:52.011
Start SCLK : 1/03941139:00:0:0
Delta Time between FOV : 2502.000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : GANYMEDE
Target Cone/Clock : 76.05/ 97.70 Deg
S/C to Body Center : 3140539. Km (1192.3077 Rg)
Z-axis Pointing (Ra / Dec) : 142.40 / 14.40 Deg



165BA:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/6317 TC= 2(79.64 97.79)
A= 728 pD= 60060 SR=17.450 RA50=217.13 DEC50=-15.41 cone= 79.64 clock= 97.79

ESIGN G3.0 jdods: 4/ 3/1997 12:38:49

ILE:P.G8TUGTORUS01

ENTRAL BODY:JUPITER III

INI:m.G8TUGTORUS01

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

ERIAPSIS: THINNING: :UVS 10

TART:JEE 97-128/11:42:13.400 -CDS 5396:00:0 BODY PLOT TIME:CENTER-TIME D=60060 S= 0.055

Activity ID:	Orbit G8	OAPEL TUGTORUS		SeqNo 02-	
Title	UVS GANYMEDE NEUTRAL TORUS 2, G8 INBD			**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS	**Team** UVS		**Working Group**	MWG

Time System	CDS	**Load ID** G8A	**Calendar Date**	05/05/97	Week 18
Start	JEE-CDS 00004737:00:0	97-125/03:52:35.400		JEE-003/07:49:38.000	
End	JEE-CDS 00004433:00:0	97-125/08:59:58.067		JEE-003/02:42:15.333	
Duration	00000304:00:0	000/05:07:22.667		000/05:07:22.667	

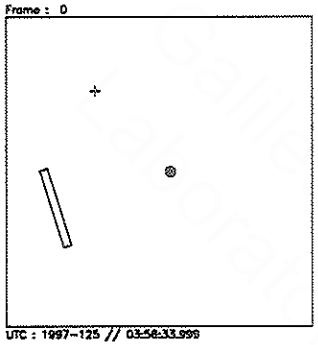
Top Label	G8TUGTORUS02-				
Bottom Label	(UVS RTS Ganymede Torus)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	279	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

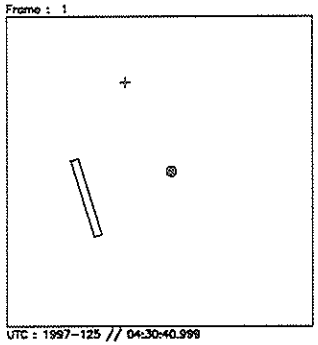
Observation Objective

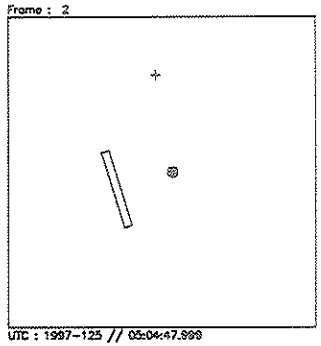
UVS GANYMEDE NEUTRAL TORUS MIDNIGHT ANSA PROFILE 2, G8 INBOUND
(GLL-Jup = 36.0 Rj):
From: 15.63 Rj (outside Ganymede ansa) at cone < 90 (ansa at 14.87 Rj)
To: 14.10 Rj (inside Ganymede ansa) at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rate 4.87 bps UVS):
UVS deselected; 60-RIM UVFLUSHes usually needed to PACKET UVS after initial DISCRD
Total bits: 5 UVS UVFLUSH PACKETs = 0.09 MB UVS
WAVELENGTHS (Angstroms):
Emission lines: UVS (H 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: Alternate 30-RIM MINISCANs and 30-RIM

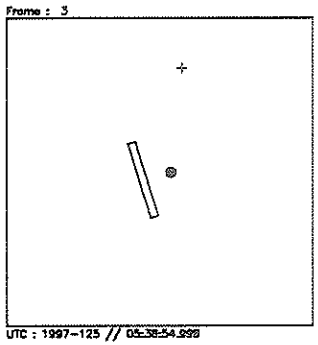
Design Detail

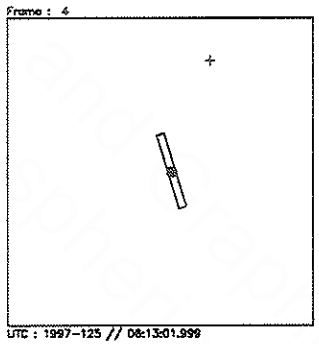
PSID	RIM:mf	CDS	PA
384BB	0	0	COMMENT [UVS RIM 0]
61BA	1	37	LOOPER [LOOP PERIOD 60, NUM LOOPS 5]
157BB	3	38	CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2]
349BC	3:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BB	4	36	TARGET [CONE 85.17, CLOCK 97.56, POSITION SLEW ALLOCATION 4]
	4		34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]
	34		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349BD	62:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349BE	122:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349BF	152:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349BG	212:69	28	UVFLUSH [6UVRT, PACKET, UVS]
3490J	272:69	28	UVFLUSH [6UVRT, PACKET, UVS]

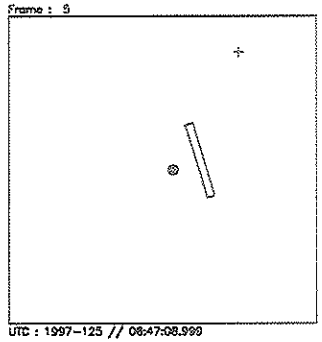


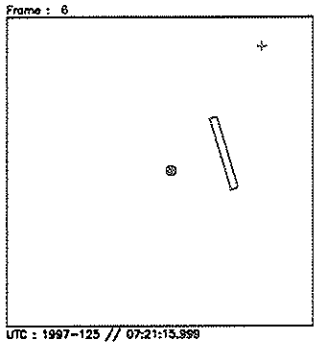


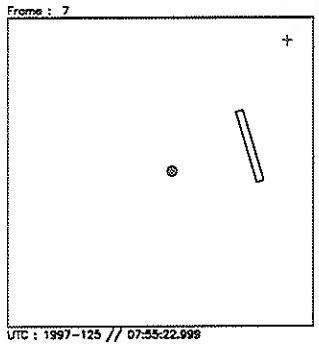


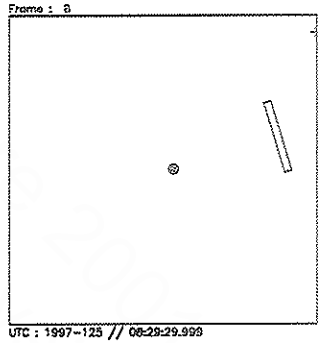












Start UTC_TIME : 1997-125 // 03:56:33.999
End UTC_TIME : 1997-125 // 08:29:33.989
Start SCLK : 1/03941802:00:0:0
Delta Time between FOV : 2047.000
FOVs : N/G Channel(0.5x0.5)

Target Body : GANYMEDE
Target Cone/Clock : 93.98/ 95.28 Deg
S/C to Body Center : 2580097. Km (979.53576 Rg)
Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg

Activity ID:	Orbit G8	OAPEL TUG8MANS		SeqNo 02-	
Title	UVS/EUV MDNT ANSA MAP 2, HI RATE G8 INBD			**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS	**Team**	UVS	**Working Group**	MWG

Time System	CDS	**Load ID**	G8A	**Calendar Date**	05/05/97 Week 18
Start	JEE-CDS 00003593:00:0	97-125/23:09:18.067		JEE-002/12:32:55.333	
End	JEE-CDS 00003473:00:0	97-126/01:10:38.067		JEE-002/10:31:35.333	
Duration	00000120:00:0	000/02:01:20.000		000/02:01:20.000	

Top Label	G8TUG8MANS02-				
Bottom Label	(UVS/EUV RTS Torus)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	112	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective

UVS/EUV IO TORUS MIDNIGHT ANSA MAP 2 (RIBBON), G8 INBOUND (GLL-Jup = 30.3 Rj):
From: 6.11 Rj at cone = 90 (torus ribbon at 5.77 Rj, Sys III W Long 44)
To: 5.43 Rj at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rates 9.73 bps UVS or EUV):
UVS and EUV deselected; 30-RIM UVFLUSHes needed to PACKET BOTH
Total bits: 4 UVS + 4 EUV UVFLUSH PACKETs = 0.07 MB UVS + 0.07 MB EUV = 0.14 MB
WAVELENGTHS (Angstroms):
Emission lines: UVS (S+ 1259, O+ 3728, 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]

Design Detail

PSID	RIM:mf	CDS	PA
384BF	0	0	COMMENT [UVS RIM 0]
	0		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349BT	28:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	30		34UVS,D3,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,5B,4E,00,7A [22STEP N/N]
349BU	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]
349BV	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]
349BW	118:69	28	UVFLUSH [6UVRT, PACKET, BOTH]

Activity ID:	Orbit G8	OAPEL TUG8MANS		SeqNo 03-	
Title	UVS/EUV MDNT ANSA MAP 3, LO RATE G8 INBD			**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS	**Team**	UVS	**Working Group**	MWG

Time System	CDS	**Load ID**	G8A	**Calendar Date**	05/06/97 Week 19
Start	JEE-CDS 00003473:00:0	97-126/01:10:38.067		JEE-002/10:31:35.333	
End	JEE-CDS 00003353:00:0	97-126/03:11:58.067		JEE-002/08:30:15.333	
Duration	00000120:00:0	000/02:01:20.000		000/02:01:20.000	

Top Label	G8TUG8MANS03-				
Bottom Label	(UVS/EUV RTS Torus)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	56	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective

UVS/EUV IO TORUS MIDNIGHT ANSA MAP 3, G8 INBOUND (GLL-Jup = 29.7 Rj):
From: 5.43 Rj at cone = 90 (torus ribbon at 5.77 Rj, Sys III W Long 44)
To: 4.75 Rj (inside ribbon) at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rates 4.87 bps UVS or EUV):
UVS and EUV deselected; 60-RIM UVFLUSHes needed to PACKET BOTH
Total bits: 2 UVS + 2 EUV UVFLUSH PACKETs = 0.04 MB UVS + 0.04 MB EUV = 0.07 MB
WAVELENGTHS (Angstroms):
Emission lines: UVS (S+ 1259, S+ 4070), EUV (S++ 685, S+ 765, O+ 834)
2POSN-1STEP N/N MINISCAN (UVS): N 4049.2 (STEP 428) [EVEN FRAMES],
N 4071.2 (STEP 436) [ODD FRAMES]
2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],

Design Detail

PSID	RIM:mf	CDS	PA
384BG	0	0	COMMENT [UVS RIM 0]
	0		34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]
349BX	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]
349BY	118:69	28	UVFLUSH [6UVRT, PACKET, BOTH]

Activity ID:	Orbit G8	OAPEL TUG8MPRO		SeqNo 01-	
Title	UVS/EUV MIDNIGHT ANSA PROFILE 1, G8 INBD			**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS	**Team**	UVS	**Working Group**	MWG

Time System	CDS	**Load ID**	G8A	**Calendar Date**	05/06/97 Week 19
Start	JEE-CDS 00003353:00:0	97-126/03:11:58.067		JEE-002/08:30:15.333	
End	JEE-CDS 00003087:00:0	97-126/07:40:55.400		JEE-002/04:01:18.000	
Duration	00000266:00:0	000/04:28:57.333		000/04:28:57.333	

Top Label	G8TUG8MPRO01-				
Bottom Label	(UVS/EUV RTS Torus)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	268	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective

UVS/EUV IO TORUS MIDNIGHT ANSA PROFILE 1, PARTS 1 and 2, G8 INBOUND (GLL-Jup = 29.5 Rj):
From: 6.19 Rj (outside ribbon) at cone > 90 (torus ribbon at 5.83 Rj, Sys III W Long 185)
To: 5.48 Rj (inside ribbon) at fixed cone
From: 6.11 Rj (outside ribbon) at cone > 90 (torus ribbon at 5.77 Rj, Sys III W Long 275)
To: 5.44 Rj (inside ribbon) at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rates 9.73 bps UVS or EUV):
UVS and EUV deselected; 30-RIM UVFLUSHes usually needed to PACKET BOTH
Total bits: 6 UVS + 6 EUV UVFLUSH PACKETs = 0.11 MB UVS + 0.11 MB EUV = 0.21 MB
WAVELENGTHS (Angstroms):
Emission lines: UVS (S++ 1194, H 1215, S+ 1259), EUV (S++ 685, S+ 765, O+ 834, H 1215)

Design Detail

PSID	RIM:mf	CDS	PA
384BH	-1	0	COMMENT [UVS RIM 0]
165BE	0	36	TARGET [CONE 92.75, CLOCK 93.88, POSITION SLEW ALLOCATION 1]
	0		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,62,05,00,09 [1STEP G/G]
349MA	28:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	30		34UVS,DD,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,48,75,00,00 [66STEP G]
349MB	88:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	90		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,62,05,00,09 [1STEP G/G]
349MC	118:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	119		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349OK	155:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BW	156	36	TARGET [CONE 94.62, CLOCK 94.75, POSITION SLEW ALLOCATION 1]
	156		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,62,05,00,09 [1STEP G/G]
349MD	184:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	186		34UVS,DD,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,48,75,00,00 [66STEP G]
349OL	234:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	236		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,62,05,00,09 [1STEP G/G]
349OM	264:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	265		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]

Activity ID:	Orbit G8	OAPEL TUG8MANS		SeqNo 11-	
Title	UVS/EUV MDNT ANSA MAP 1-1, LO RT G8 INBD			**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS	**Team**	UVS	**Working Group**	MWG

Time System	CDS	**Load ID**	G8A	**Calendar Date** 05/05/97	Week 18

Start	JEE-CDS 00004197:00:0	97-125/12:58:35.400	JEE-002/22:43:38.000
End	JEE-CDS 00003713:00:0	97-125/21:07:58.067	JEE-002/14:34:15.333
Duration	00000484:00:0	000/08:09:22.667	000/08:09:22.667

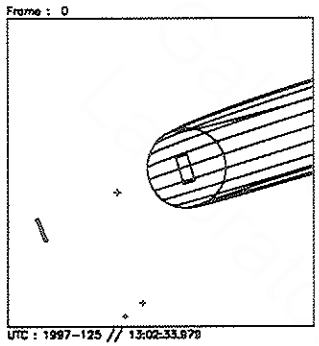
Top Label	G8TUG8MANS11-				
Bottom Label	(UVS/EUV RTS Torus)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	425	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

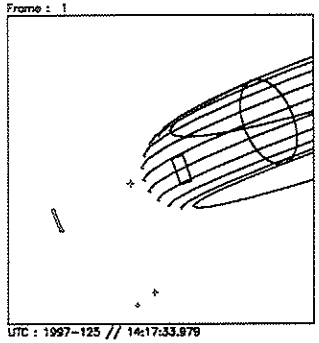
Observation Objective

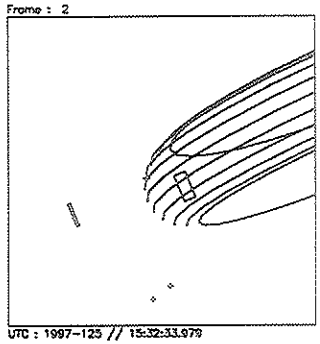
UVS/EUV IO TORUS MIDNIGHT ANSA MAP 1, PART 1, G8 INBOUND (GLL-Jup = 32.7 Rj):
From: 9.44 Rj (Europa orbit) at cone = 90 (torus ribbon at 5.77 Rj, Sys III W Long 44)
To: 6.78 Rj at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rates 4.87 bps UVS or EUV):
UVS and EUV deselected; 60-RIM UVFLUSHes needed to PACKET BOTH after initial DISCRD
Total bits: 8 UVS + 8 EUV UVFLUSH PACKETs = 0.14 MB UVS + 0.14 MB EUV = 0.28 MB
WAVELENGTHS (Angstroms):
Emission lines: UVS (S++ 1194, H 1215, S+ 1259), EUV (S++ 685, S+ 765, O+ 834, H 1215)
2POSN-1STEP G/G MINISCAN (UVS): G 1215.1 (STEP 54) [EVEN FRAMES], G 1229.0 (STEP 63) [ODD FRAMES]
1POSN-66STEP G MINISCAN (UVS): G 1174.9-1275.2 (CTR 1225.9, STEP

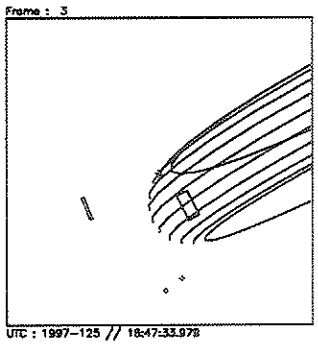
Design Detail

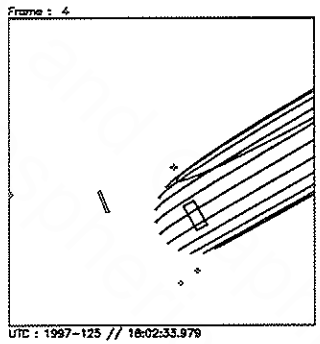
PSID	RIM:mf	CDS	PA
384BD	0	0	COMMENT [UVS RIM 0]
157BC	3	38	CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]
349BH	3:69	28	UVFLUSH [6UVRT, DISCRD, BOTH]
165BC	4	36	TARGET [CONE 90.00, CLOCK 96.44, POSITION SLEW ALLOCATION 4]
	4		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,62,05,00,09 [1STEP G/G]
349BI	62:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	64		34UVS,DD,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,48,75,00,00 [66STEP G]
61BB	121	37	LOOPER [LOOP PERIOD 120, NUM LOOPS 3]
349BJ	122:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
157MN	123	38	CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]
	124		34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]
349BK	182:69	84	UVFLUSH (28*3) [6UVRT, PACKET, BOTH]
	184		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349BL	242:69	84	UVFLUSH (28*3) [6UVRT, PACKET, BOTH]
...BP			... [REPEAT 2 ADDITIONAL TIMES]
157BD	483	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
	484		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]

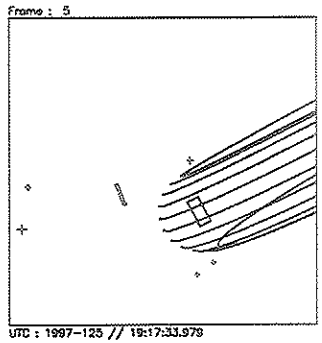


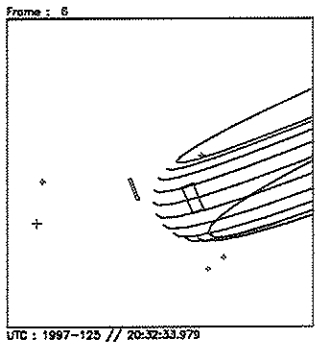


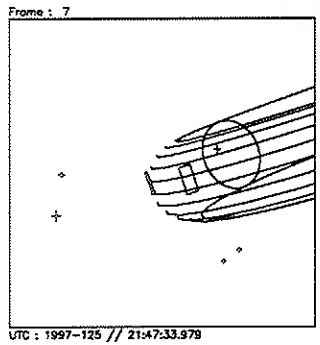


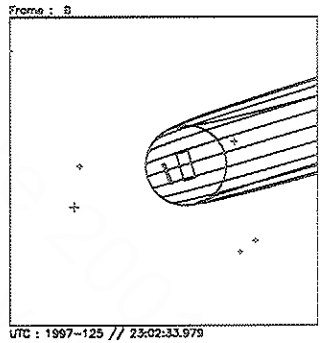












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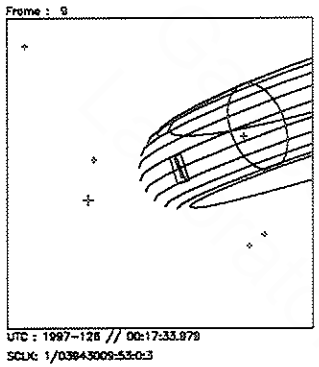
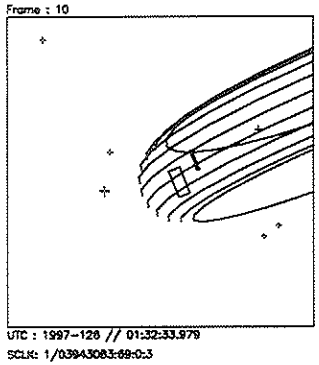
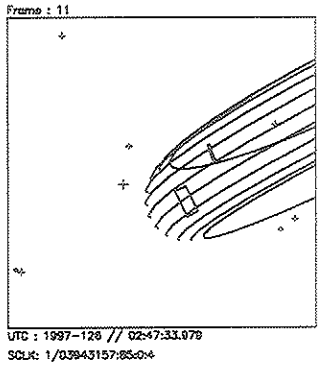
End UTC_TIME : 1997-126 // 03:10:53.281
Start SCLK : 1/03942342:00:0:0
Delta Time between FOV : 4500.000
FOVs : N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 73.82/ 95.98 Deg
S/C to Body Center : 2424696. Km (33.915620 Rj)
Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg







Start UTC_TIME : 1997-125 // 13:02:33.979
End UTC_TIME : 1997-126 // 03:10:53.281
Start SCLK : 1/03942342:00:0:0
Delta Time between FOV : 4500.000
FOVs : N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 79.10/ 95.68 Deg
S/C to Body Center : 2164281. Km (30.273045 Rj)
Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg

Activity ID:	Orbit G8	OAPEL TUG8MANS		SeqNo 12-	
Title	UVS/EUV MDNT ANSA MAP 1-2, LO RT G8 INBD			**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS	**Team**	UVS	**Working Group**	MWG

Time System	CDS	**Load ID**	G8A	**Calendar Date**	05/05/97	Week 18
Start	JEE-CDS 00003707:00:0	97-125/21:14:02.067		JEE-002/14:28:11.333		
End	JEE-CDS 00003593:00:0	97-125/23:09:18.067		JEE-002/12:32:55.333		
Duration	00000114:00:0	000/01:55:16.000		000/01:55:16.000		

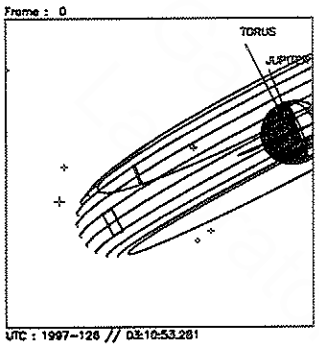
Top Label	G8TUG8MANS12-				
Bottom Label	(UVS/EUV RTS Torus)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	290	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

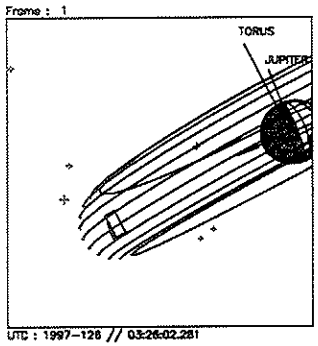
Observation Objective

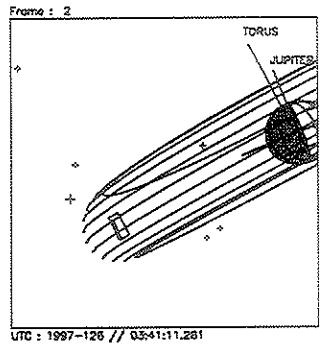
UVS/EUV IO TORUS MIDNIGHT ANSA MAP 1, PART 2, G8 INBOUND (GLL-Jup = 31.0 Rj):
From: 6.78 Rj at cone = 90 (torus ribbon at 5.77 Rj, Sys III W Long 44)
To: 6.11 Rj at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rates 4.87 bps UVS or EUV):
UVS and EUV deselected; 60-RIM UVFLUSHes usually needed to PACKET BOTH
Total bits: 2 UVS + 2 EUV UVFLUSH PACKETs = 0.04 MB UVS + 0.04 MB EUV = 0.07 MB
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

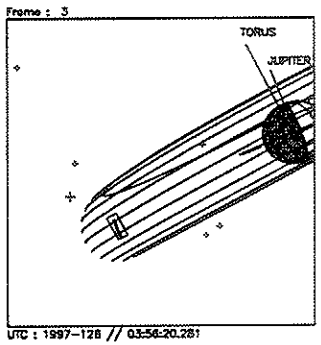
Design Detail

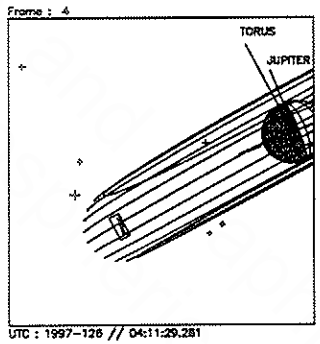
PSID	RIM:mf	CDS	PA
384BE	0	0	COMMENT [UVS RIM 0]
157BE	3	234	CMDRS (10+14*16) [PLAN DUR 616, EST UVS CMDS 16]
	4		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349BR	62:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	64		34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]
349BS	112:69	28	UVFLUSH [6UVRT, PACKET, BOTH]

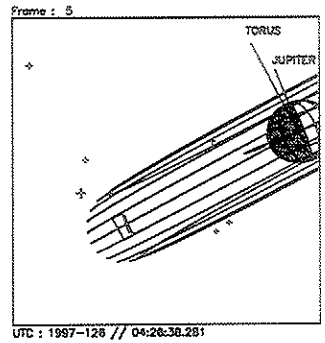


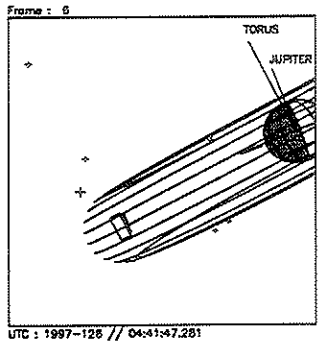


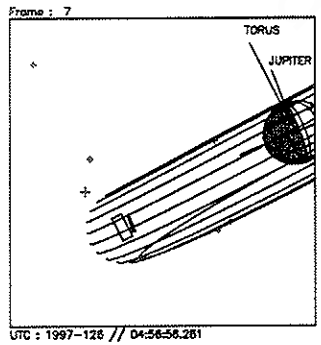


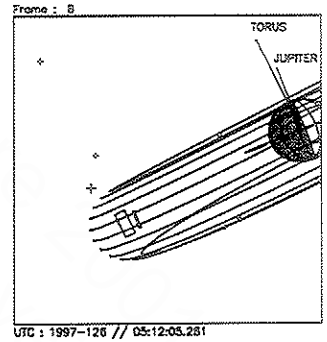












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End UTC_TIME : 1997-126 // 05:12:13.276
Start SCLK : 1/03943181:00:0:0
Delta Time between FOV : 909.0000
FOVs : N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 80.67/ 95.59 Deg
S/C to Body Center : 2094086. Km (29.291191 Rj)
Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg

Activity ID:	**Orbit** G8	**OAPEL** TUG8MPRO		**SeqNo** 02-	
Title	UVS MIDNIGHT ANSA PROFILE 2, G8 INBOUND			**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS	**Team** UVS		**Working Group**	MWG

Time System CDS	**Load ID** G8A	**Calendar Date** 05/07/97		Week	19
Start	JEE-CDS 00001674:00:0	97-127/07:29:37.400	JEE-001/04:12:36.000		
End	JEE-CDS 00001542:00:0	97-127/09:43:05.400	JEE-001/01:59:08.000		
Duration	00000132:00:0	000/02:13:28.000	000/02:13:28.000		

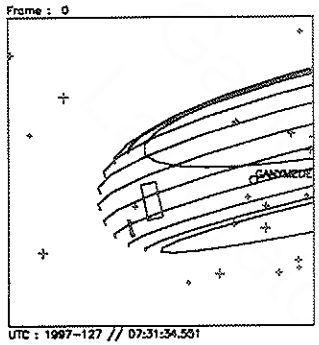
Top Label	G8TUG8MPRO02-				
Bottom Label	(UVS RTS Torus)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	236	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

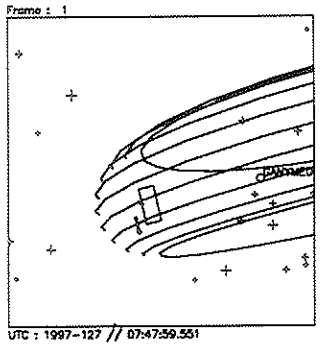
Observation Objective

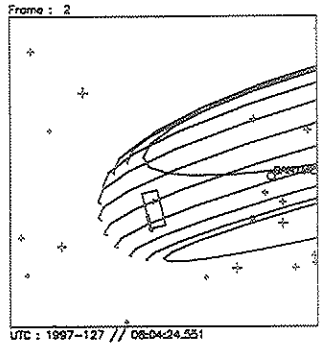
UVS IO TORUS MIDNIGHT ANSA PROFILE 2, G8 INBOUND (GLL-Jup = 18.1 Rj):
From: 6.37 Rj (outside ribbon) at cone > 90 (torus ribbon at 5.75 Rj, Sys III W Long 104)
To: 5.12 Rj (inside ribbon) at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rates 4.87 bps UVS):
UVS deselected; 60-RIM UVFLUSHes usually needed to PACKET UVS after initial DISCRD
Total bits: 2 UVS UVFLUSH PACKETs = 0.04 MB UVS
WAVELENGTHS (Angstroms):
Emission lines: UVS (S+ 1259, S+ 4070), EUV (S++ 685, S+ 765, O+ 834)
2POSN-1STEP N/N MINISCAN (UVS): N 4049.2 (STEP 428) [EVEN FRAMES],
N 4071.2 (STEP 436) [ODD FRAMES]
2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],

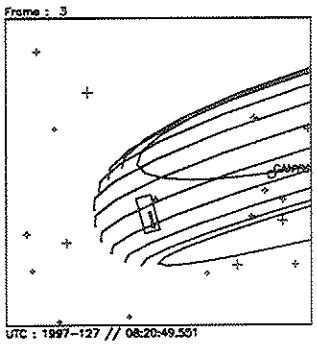
Design Detail

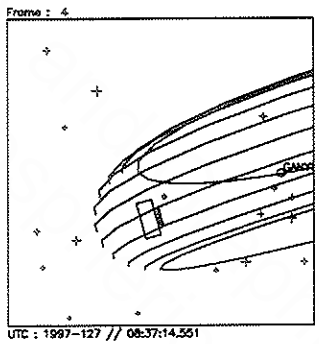
PSID	RIM:mf	CDS	PA
384BN	0	0	COMMENT [UVS RIM 0]
157BI	1	80	CMDRS (10+14*5) [PLAN DUR 131, EST UVS CMDS 5]
349MK	1:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BF	2	36	TARGET [CONE 125.55, CLOCK 93.51, POSITION SLEW ALLOCATION 2]
	2		34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]
	26		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
165BR	32	36	TARGET [CONE 125.55, CLOCK 93.51, POSITION SLEW ALLOCATION 2]
	32		34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]
349ML	70:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	72		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349MM	130:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	132		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]

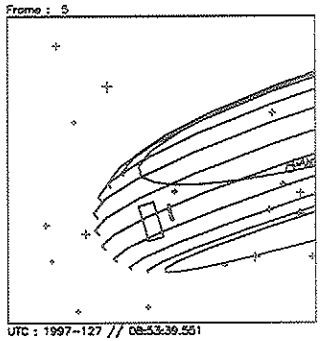


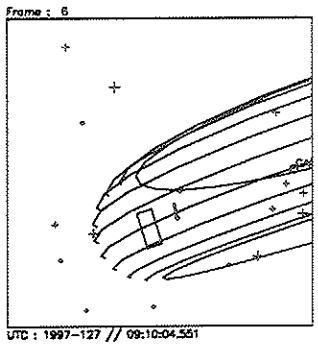


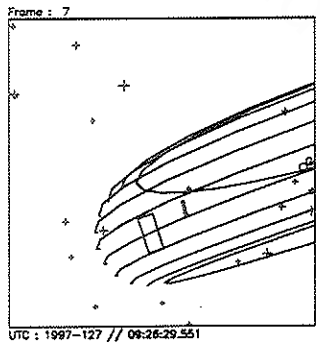


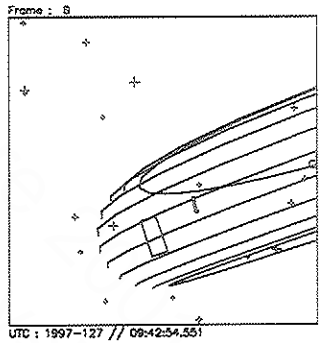












Start UTC_TIME : 1997-127 // 07:31:34.551
End UTC_TIME : 1997-127 // 09:43:01.213
Start SCLK : 1/03944863:00:0:0
Delta Time between FOV : 985.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 95.09/ 96.58 Deg
S/C to Body Center : 1324673. Km (18.528970 Rj)
Z-axis Pointing (Ra / Dec) : 142.40 / 14.40 Deg

Activity ID:	Orbit G8	**OAPEL**	JUG8AURA	**SeqNo**	04-
Title	UVS AURORA MAP 4, LO RATE G8 OUTBOUND			**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS	**Team**	UVS	**Working Group**	MWG

Time System	CDS	**Load ID**	G8A	**Calendar Date**	05/09/97	Week	19
Start	JEE+CDS 00001000:00:0	97-129/04:33:20.066		JEE+000/16:51:06.666			
End	JEE+CDS 00001122:00:0	97-129/06:36:41.400		JEE+000/18:54:28.000			
Duration	00000122:00:0	000/02:03:21.334		000/02:03:21.334			

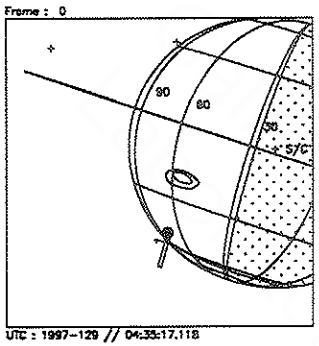
Top Label	G8JUG8AURA04-				
Bottom Label	(UVS RTS Aurora)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	222	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

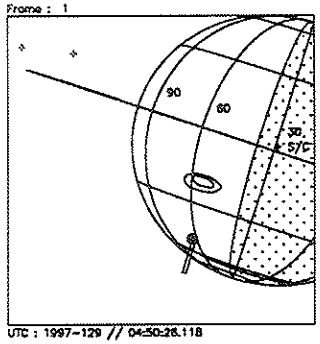
Observation Objective

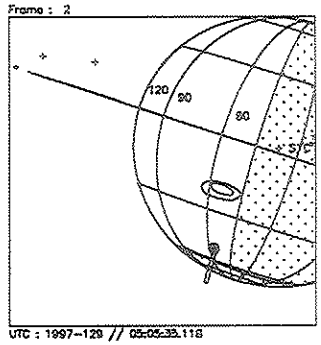
UVS JUPITER AURORA MAP 4, G8 OUTBOUND (GLL-Jup = 14.2 Rj):
From: outside bright limb at cone > 90 (midpoint close to -66.9 lat, 100.4 long)
To: -67.3 lat, 70.5 long, at fixed cone
From: dark side, -67.0 lat, 52.8 long, at cone > 90 (midpoint -68.1 lat, 44.1 long)
To: outside dark limb at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rates 9.73 bps UVS):
UVS deselected; 30-RIM UVFLUSHes usually needed to PACKET UVS after initial DISCRD
Total bits: 2 UVS UVFLUSH PACKETs = 0.04 MB UVS
WAVELENGTHS (Angstroms):
Emission lines: UVS (H 1253, H 1611), EUV (H 1215)
FULLSCAN G (UVS): G 1131.5-1920.1 (CTR 1534.7, STEP 264) [BOTH FRAMES]
FULLSCAN F/G (UVS): F 1616.5-3227.9 (CTR 2436.8, STEP 264) [EVEN

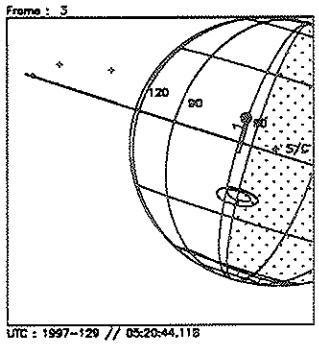
Design Detail

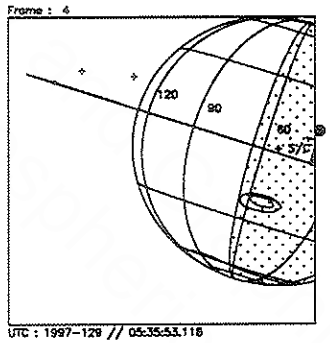
PSID	RIM:mf	CDS	PA
384BO	0	0	COMMENT [UVS RIM 0]
157BJ	1	66	CMDRS (10+14*4) [PLAN DUR 121, EST UVS CMDS 4]
349MN	1:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BG	2	36	TARGET [CONE 93.75, CLOCK 280.13, POSITION SLEW ALLOCATION 2]
	2		34UVS,07,S,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,9D,00,00 [FULLSCAN G]
	32		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349MO	30:69	28	UVFLUSH [6UVRT, PACKET, UVS]
165BH	92	36	TARGET [CONE 92.30, CLOCK 279.95, POSITION SLEW ALLOCATION 1]
	92		34UVS,07,S,N,N,N,S,0,ON,OFF,ON,ON,OFF,NO,1,00,9C,01,2C [FULLSCAN F/G]
349MQ	120:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	122		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]

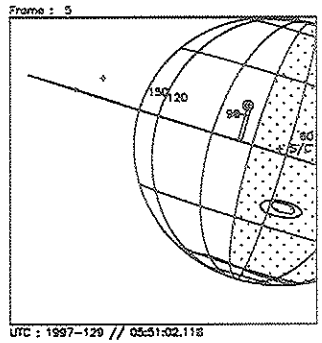


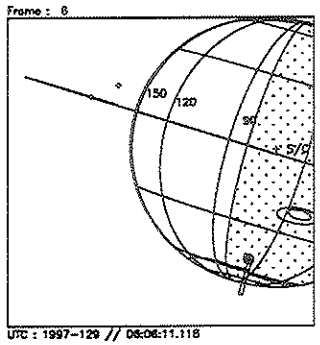


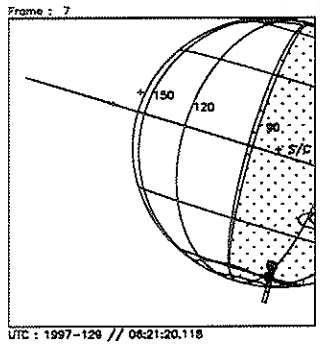


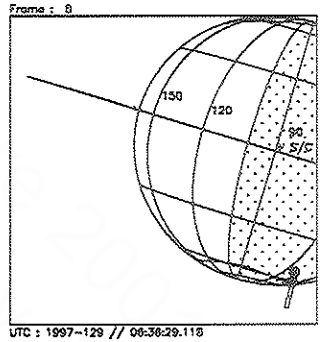












Start UTC_TIME : 1997-129 // 04:35:17.118
End UTC_TIME : 1997-129 // 06:36:37.114
Start SCLK : 1/03947537:00:0:0
Delta Time between FOV : 909.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 95.90/276.52 Deg
S/C to Body Center : 984748.4 Km (13.774247 Rj)
Z-axis Pointing (Ra / Dec) : 142.40 / 14.40 Deg

Activity ID:	Orbit G8	OAPEL JUG8AURA	SeqNo 05-
Title	UVS AURORA MAP 5, LO RATE G8 OUTBOUND		**Instrument** UVS
Requestor	UVS-MWG/S.STEPHENS	**Team** UVS	**Working Group** MWG

Time System	CDS	**Load ID**	G8A	**Calendar Date** 05/09/97	Week 19
Start	JEE+CDS 00001167:00:0	97-129/07:22:11.400		JEE+000/19:39:58.000	
End	JEE+CDS 00001289:00:0	97-129/09:25:32.733		JEE+000/21:43:19.333	
Duration	00000122:00:0	000/02:03:21.333		000/02:03:21.333	

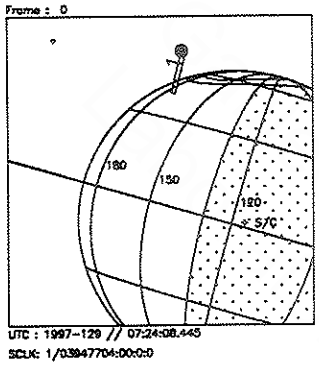
Top Label	G8JUG8AURA05-				
Bottom Label	(UVS RTS Aurora)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	334	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

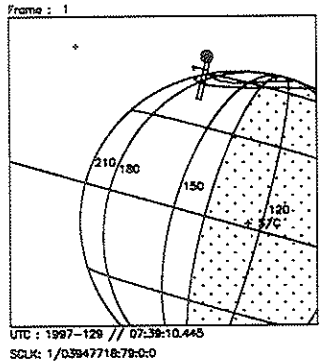
Observation Objective

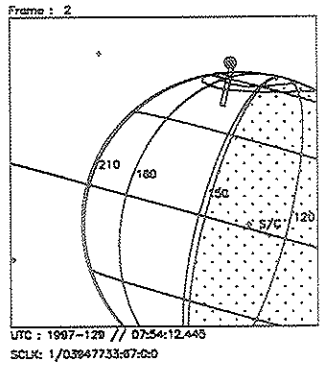
UVS JUPITER AURORA MAP 5, G8 OUTBOUND (GLL-Jup = 15.4 Rj):
From: outside bright limb at cone < 90 (midpoint 56.1 lat, 189.2 long)
To: 55.4 lat, 171.9 long, at fixed cone
From: dark side, 56.3 lat, 161.3 long, at cone < 90 (midpoint 56.0 lat, 163.6 long)
To: 57.0 lat, 155.3 long, at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rates 9.73 bps UVS):
UVS deselected; 30-RIM UVFLUSHes usually needed to PACKET UVS after initial DISCRD
Total bits: 2 UVS UVFLUSH PACKETs = 0.04 MB UVS
WAVELENGTHS (Angstroms):
Emission lines: UVS (H 1253, H 1611), EUV (H 1215)
FULLSCAN G (UVS): G 1131.5-1920.1 (CTR 1534.7, STEP 264) [BOTH FRAMES]
Strategy for FULLSCANS: Use FULLSCAN G only since cone < 90;

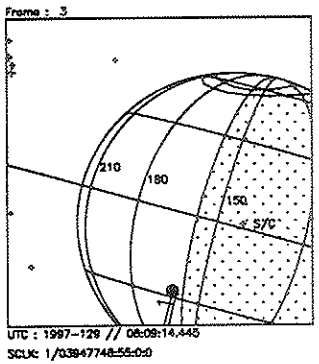
Design Detail

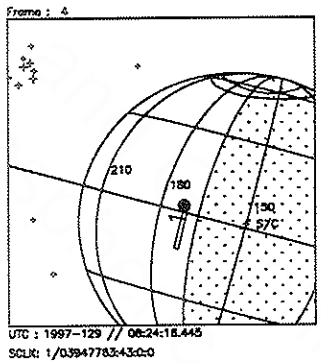
PSID	RIM:mf	CDS	PA
384BP	0	0	COMMENT [UVS RIM 0]
157BK	1	178	CMDRS (10+14*12) [PLAN DUR 541, EST UVS CMDS 12]
349MR	1:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BI	2	36	TARGET [CONE 86.75, CLOCK 273.24, POSITION SLEW ALLOCATION 2]
	2		34UVS,07,S,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,9D,00,00 [FULLSCAN G]
349MS	30:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	32		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
165BS	92	36	TARGET [CONE 85.86, CLOCK 273.27, POSITION SLEW ALLOCATION 1]
	92		34UVS,07,S,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,9D,00,00 [FULLSCAN G]
349MT	120:69	28	UVFLUSH [6UVRT, PACKET, UVS]

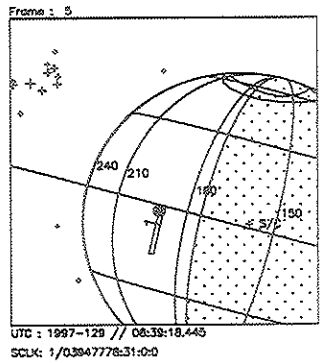


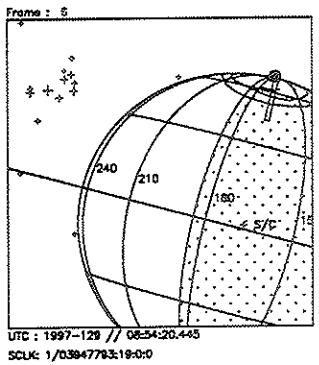


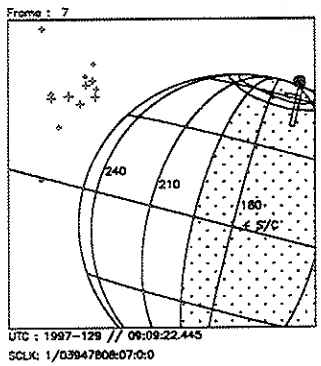


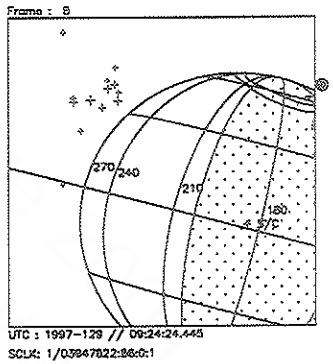












Start UTC_TIME : 1997-129 // 07:24:08.445
End UTC_TIME : 1997-129 // 09:24:27.774
Start SCLK : 1/03947704:00:0:0
Delta Time between FOV : 902.0000
FOVs : ~~F-Channel(0.1x0.4)~~, N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 89.05/276.35 Deg
S/C to Body Center : 1068545. Km (14.946356 Rj)
Z-axis Pointing (Ra / Dec) : 142.40 / 14.40 Deg

Activity ID:	Orbit G8	OAPEL TUG8MPRO		SeqNo 03-	
Title	UVS MIDNIGHT ANSA PROFILE 3, G8 OUTBD			**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS	**Team**	UVS	**Working Group**	MWG

Time System	CDS	**Load ID**	G8A	**Calendar Date**	05/09/97 Week 19

Start	JEE+CDS 00001289:00:0	97-129/09:25:32.733	JEE+000/21:43:19.333
End	JEE+CDS 00001709:00:0	97-129/16:30:12.733	JEE+001/04:47:59.333
Duration	00000420:00:0	000/07:04:40.000	000/07:04:40.000

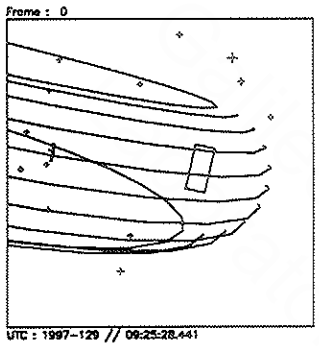
Top Label	G8TUG8MPRO03-				
Bottom Label	(UVS RTS Torus)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	268	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

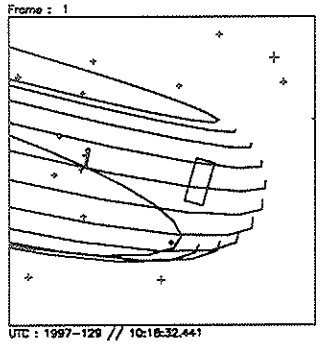
Observation Objective

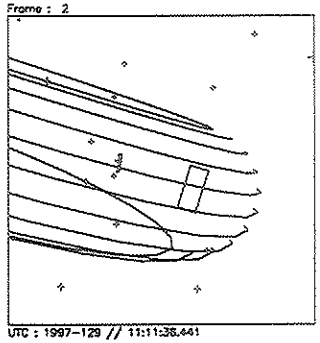
UVS IO TORUS MIDNIGHT ANSA PROFILE 3, G8 OUTBOUND (GLL-Jup = 17.4 Rj):
From: 3.59 Rj (inside ribbon) at cone > 90 (torus ribbon at 5.80 Rj, Sys III W Long 236)
To: 7.94 Rj (outside ribbon) at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rates 4.87 bps UVS):
UVS deselected; 60-RIM UVFLUSHes needed to PACKET UVS
Total bits: 7 UVS UVFLUSH PACKETs = 0.12 MB UVS
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

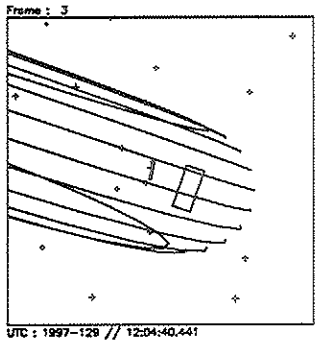
Design Detail

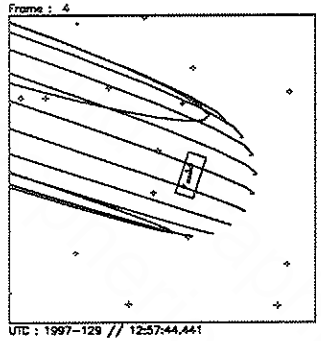
PSID	RIM:mf	CDS	PA
384BQ	-1	0	COMMENT [UVS RIM 0]
165BJ	0	36	TARGET [CONE 97.61, CLOCK 278.28, POSITION SLEW ALLOCATION 1]
	0		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349MV	58:69	196	UVFLUSH (28*7) [6UVRT, PACKET, UVS]
...NB			... [REPEAT 6 ADDITIONAL TIMES]
	60		34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]
	113		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
165BT	124	36	TARGET [CONE 97.61, CLOCK 278.28, POSITION SLEW ALLOCATION 1]
	124		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
	180		34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]
	240		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
	300		34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]
	360		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
	420		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]

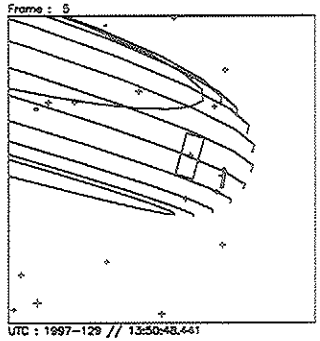


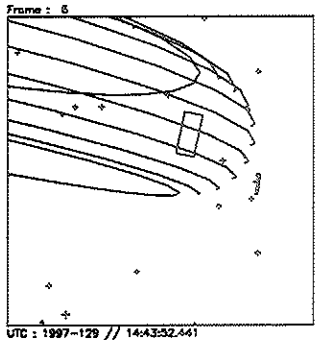


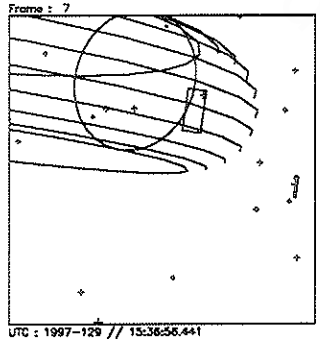


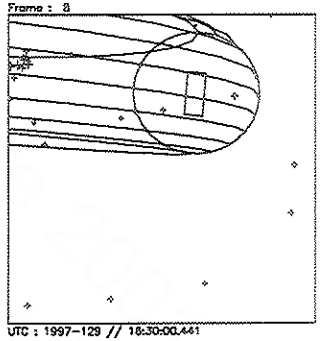












Start UTC_TIME : 1997-129 // 09:25:28.441
End UTC_TIME : 1997-129 // 16:30:08.425
Start SCLK : 1/03947824:00:0:0
Delta Time between FOV : 3184.000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 84.77/276.24 Deg
S/C to Body Center : 1129810. Km (15.803309 Rj)
Z-axis Pointing (Ra / Dec) : 142.40 / 14.40 Deg

Activity ID:	Orbit G8	OAPEL TUCTORUS		**SeqNo**	01-
Title	UVS CALLISTO NEUTRAL TORUS 1, G8 OUTBD			**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS	**Team**	UVS	**Working Group**	MWG

Time System	CDS	**Load ID**	G8A	**Calendar Date**	05/11/97 Week 19
Start	JEE+CDS 00004181:00:0	97-131/10:09:40.733		JEE+002/22:27:27.333	
End	JEE+CDS 00004515:00:0	97-131/15:47:23.400		JEE+003/04:05:10.000	
Duration	00000334:00:0	000/05:37:42.667		000/05:37:42.667	

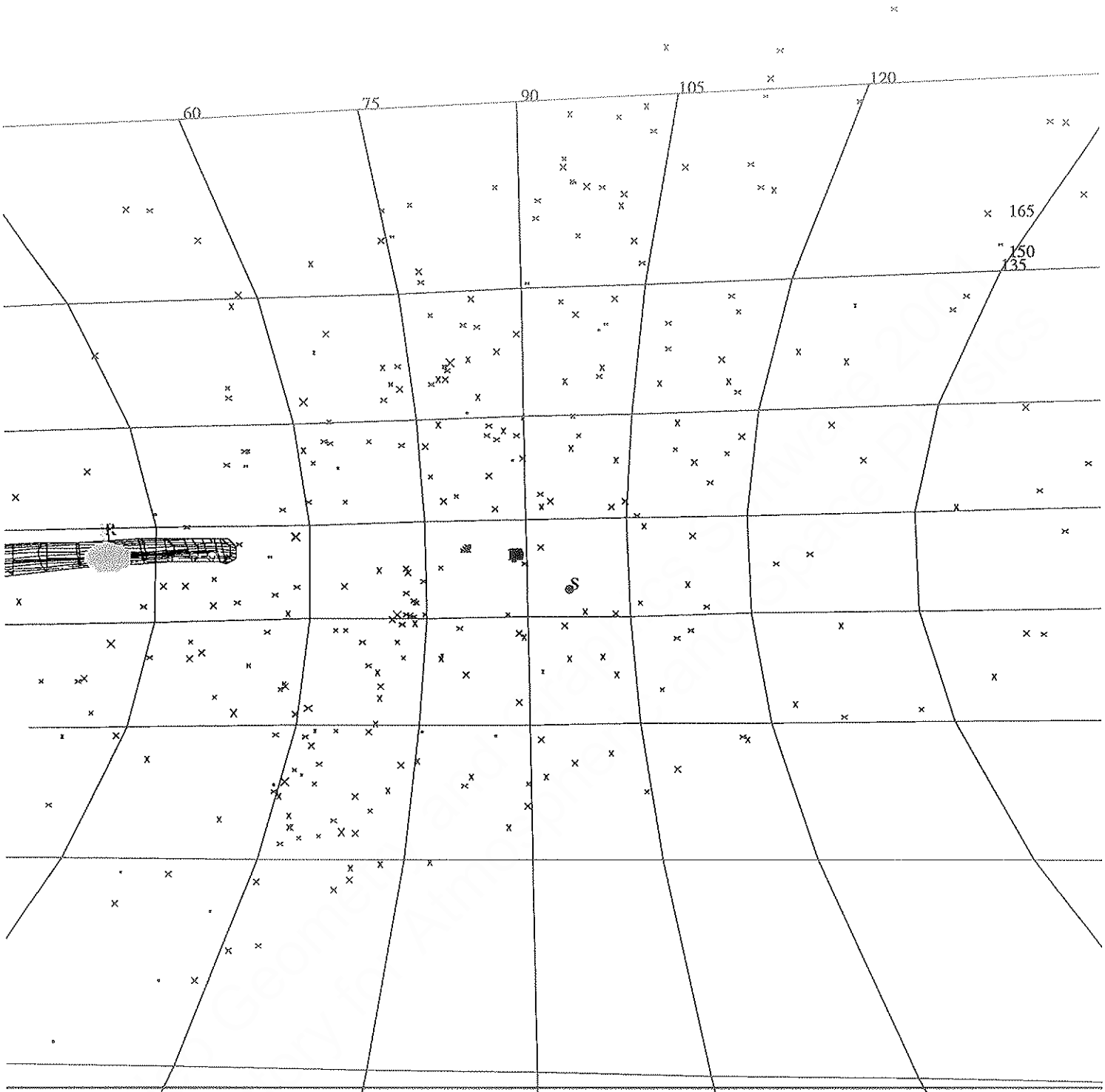
Top Label	G8TUCTORUS01-				
Bottom Label	(UVS RTS Callisto Torus)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	261	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective

UVS CALLISTO NEUTRAL TORUS MIDNIGHT ANSA PROFILE 1, G8 OUTBOUND (GLL-Jup = 35.7 Rj):
From: 25.3 Rj (inside Callisto ansa) at cone < 90 (ansa at 26.48 Rj)
To: 27.6 Rj (outside Callisto ansa) at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rate 2.43 bps UVS):
UVS deselected; 120-RIM UVFLUSHes usually needed to PACKET UVS after initial DISCRD
Total bits: 3 UVS UVFLUSH PACKETs = 0.05 MB UVS
WAVELENGTHS (Angstroms):
Emission lines: UVS (H 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: Alternate 30-RIM MINISCANs and 30-RIM

Design Detail

PSID	RIM:mf	CDS	PA
384BS	0	0	COMMENT [UVS RIM 0]
61BE	1	37	LOOPER [LOOP PERIOD 60, NUM LOOPS 5]
157BO	3	38	CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2]
349NI	3:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BL	4	36	TARGET [CONE 88.52, CLOCK 275.88, POSITION SLEW ALLOCATION 4]
	4		34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]
	34		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349NJ	122:69	28	UVFLUSH [6UVRT, PACKET, UVS]
165BV	184	36	TARGET [CONE 88.52, CLOCK 275.88, POSITION SLEW ALLOCATION 2]
349NK	212:69	28	UVFLUSH [6UVRT, PACKET, UVS]
157BP	303	38	CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2]
	304		34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]
349NL	332:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	334		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]



165BL:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/0058 TC= 2(88.52 275.88)
A= 728 pD= 20020 SR=17.450 RA50= 48.49 DEC50= 20.62 cone= 88.52 clock=275.88

ESIGN G3.0 jdods: 4/ 3/1997 11:35:16

ILE:P.G8TUCTORUS01

ENTRAL BODY:JUPITER III

INI:m.G8TUCTORUS01

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

ERIAPSIS: THINNING: :UVS 10

TART:JEE 97-128/11:42:13.400 +CDS 4185:00:0 BODY PLOT TIME:CENTER-TIME D=20020 S= 0.020

Activity ID: Orbit G8 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 G8B Calendar Date 05/11/97 Week 19

Start	JEE+CDS 00004689:00:0	97-131/18:43:19.400	JEE+003/07:01:06.000
End	JEE+CDS 00007544:00:0	97-133/18:50:02.733	JEE+005/07:07:49.333
Duration	00002855:00:0	002/00:06:43.333	002/00:06:43.333

Top Label G8HUMAGNEB01-

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 1, G8 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
384BT	0	0	COMMENT [UVS RIM 0]
165BM	4	36	TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/T 3
157BQ	4	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
432BA	4:45	38	OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES]
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]
157BR	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]
432BB	2854	38	OPTRTM [UVS EXCLUDE]

Activity ID:	Orbit G8	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**	G8B	**Calendar Date** 05/14/97	Week 20
Start	JEE+CDS 00008922:00:0	97-134/18:03:21.400		JEE+006/06:21:08.000	
End	JEE+CDS 00011777:00:0	97-136/18:10:04.733		JEE+008/06:27:51.333	
Duration	00002855:00:0	002/00:06:43.333		002/00:06:43.333	

Top Label	G8HUMAGNEB02-				
Bottom Label	(UVS RTS Magnetonebula)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	232	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective

UVS MAGNETONEBULA OBSERVATION 2, G8 CRUISE [partly converted to UVS grating test]
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 (H Lyman-alpha 1215, neutral O 1304)
2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES],
G 1319.6 (STEP 122) [ODD FRAMES]
2POSN-88STEP G/G MINISCAN (UVS): G 1131.5-1265.9 (STEP 44) [EVEN FRAMES],
G 1199.7-1333.4 (STEP 88) [ODD FRAMES]

Design Detail

PSID	RIM:mf	CDS	PA
384BU	-3	0	COMMENT [UVS RIM 0]
176BC	-3	15	SCITLM [PAUSE PB]
165BN	4	36	TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/T 3
157BS	4	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
432BC	4:45	38	OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES]
349NN	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]
176BD	6	15	SCITLM [RESUME PB]
157BT	1428	38	CMDRS (10+14*2) [PLAN DUR 181, EST UVS CMDS 2]
	1429		34UVS,DF,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,7D,00,2C [88STEP G/G]
	1609		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
432BD	2854	38	OPTRTM [UVS EXCLUDE]

Activity ID: Orbit G8 **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** G8B **Calendar Date** 05/16/97 **Week** 20

Start	JEE+CDS 00011777:00:0	97-136/18:10:04.733	JEE+008/06:27:51.333
End	JEE+CDS 00020328:00:0	97-142/18:16:05.400	JEE+014/06:33:52.000
Duration	00008551:00:0	006/00:06:00.667	006/00:06:00.667

Top Label G8HUMAGNEB03-

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 3, G8 CRUISE [partly converted to UVS grating test]
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 (H Lyman-alpha 1215, neutral O 1304)
2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES],
G 1319.6 (STEP 122) [ODD FRAMES]
2POSN-88STEP G/G MINISCAN (UVS): G 1131.5-1265.9 (STEP 44) [EVEN FRAMES],
G 1199.7-1333.4 (STEP 88) [ODD FRAMES]

Design Detail

PSID	RIM:mf	CDS	PA
384BV	0	0	COMMENT [UVS RIM 0]
157BU	4	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
432BE	4:45	38	OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES]
349NO	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]
157BV	7124	38	CMDRS (10+14*2) [PLAN DUR 181, EST UVS CMDS 2]
	7125		34UVS,DF,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,7D,00,2C [88STEP G/G]
	7305		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
432BF	8550	38	OPTRTM [UVS EXCLUDE]

Activity ID:	Orbit G8	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**	G8B	**Calendar Date**	05/22/97 Week 21
Start	JEE+CDS 00020328:00:0	97-142/18:16:05.400		JEE+014/06:33:52.000	
End	JEE+CDS 00028879:00:0	97-148/18:22:06.066		JEE+020/06:39:52.666	
Duration	00008551:00:0	006/00:06:00.666		006/00:06:00.666	

Top Label	G8HUMAGNEB04-				
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 4, G8 CRUISE [partly converted to UVS grating test]
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 (H Lyman-alpha 1215, neutral O 1304)
2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES],
G 1319.6 (STEP 122) [ODD FRAMES]
2POSN-88STEP G/G MINISCAN (UVS): G 1131.5-1265.9 (STEP 44) [EVEN FRAMES],
G 1199.7-1333.4 (STEP 88) [ODD FRAMES]

Design Detail

PSID	RIM:mf	CDS	PA
384BW	0	0	COMMENT [UVS RIM 0]
157BW	4	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
432BG	4:45	38	OPTRTM [UVS INCLUDE, BLOCKSHIFT 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]
157BX	7124	38	CMDRS (10+14*2) [PLAN DUR 181, EST UVS CMDS 2]
	7125		34UVS,DF,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,7D,00,2C [88STEP G/G]
	7305		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
432BH	8550	38	OPTRTM [UVS EXCLUDE]

Activity ID:	**Orbit** G8	**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** G8B	**Calendar Date** 05/28/97	**Week** 22		
Start	JEE+CDS 00028879:00:0	97-148/18:22:06.066	JEE+020/06:39:52.666		
End	JEE+CDS 00036006:00:0	97-153/18:28:17.400	JEE+025/06:46:04.000		
Duration	00007127:00:0	005/00:06:11.334	005/00:06:11.334		

Top Label	G8HUMAGNEB05-				
Bottom Label	(UVS RTS Magnetonebula)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	152	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective

UVS MAGNETONEBULA OBSERVATION 5, G8 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
384BX	0	0	COMMENT [UVS RIM 0]
157BY	4	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
432BI	4:45	38	OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES]
349NQ	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]
157BZ	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 [HVOFF]
432BJ	7126	38	OPTRTM [UVS EXCLUDE]

Activity ID:	Orbit G8	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**	G8B	**Calendar Date** 06/03/97	Week 23
Start	JEE+CDS 00036836:00:0	97-154/08:27:30.733		JEE+025/20:45:17.333	
End	JEE+CDS 00038267:00:0	97-155/08:34:24.733		JEE+026/20:52:11.333	
Duration	00001431:00:0	001/00:06:54.000		001/00:06:54.000	

Top Label	G8HUMAGNEB06-				
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, G8 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
-------------------------------------------------------------------------------
384BY   0       0   COMMENT [UVS RIM 0]
165BO   4       36  TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/T 3
157MA   4       24  CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
432BK   4:45    38  OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES]
349NR   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]
176BF   6       15  SCITLM [RESUME PB]
157MB   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]
432BL   1430    38  OPTRTM [UVS EXCLUDE]
```

Activity ID:	Orbit G8	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**	G8B	**Calendar Date**	06/04/97 Week 23
Start	JEE+CDS 00038716:00:0	97-155/16:08:24.066		JEE+027/04:26:10.666	
End	JEE+CDS 00040147:00:0	97-156/16:15:18.066		JEE+028/04:33:04.666	
Duration	00001431:00:0	001/00:06:54.000		001/00:06:54.000	

Top Label	G8HUMAGNEB07-				
Bottom Label	(UVS RTS Magnetonebula)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	142	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective

UVS MAGNETONEBULA OBSERVATION 7, G8 CRUISE [converted to UVS grating test]
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 (H Lyman-alpha 1215)
2POSN-88STEP G/G MINISCAN (UVS): G 1131.5-1265.9 (STEP 44) [EVEN FRAMES],
G 1199.7-1333.4 (STEP 88) [ODD FRAMES]
Strategy for MINISCANS: Use 88STEP MINISCAN for grating test

Design Detail

PSID	RIM:mf	CDS	PA
384BZ	0	0	COMMENT [UVS RIM 0]
157MC	4	38	CMDRS (10+14*2) [PLAN DUR 181, EST UVS CMDS 2]
432BM	4:45	38	OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES]
349NS	4:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
	5		34UVS,DF,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,7D,00,2C [88STEP G/G]
	185		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
432BN	1430	38	OPTRTM [UVS EXCLUDE]

Activity ID:	Orbit G8 OAPEL HUMAGNEB	SeqNo	08-
Title	UVS MAGNETONEBULA OBSERVATION 8	**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS **Team** UVS	**Working Group**	MWG

Time System	CDS	**Load ID**	G8B	**Calendar Date**	06/07/97 Week 23
Start	JEE+CDS 00042182:00:0	97-158/02:32:54.733		JEE+029/14:50:41.333	
End	JEE+CDS 00050733:00:0	97-164/02:38:55.400		JEE+035/14:56:42.000	
Duration	00008551:00:0	006/00:06:00.667		006/00:06:00.667	

Top Label	G8HUMAGNEB08-				
Bottom Label	(UVS RTS Magnetonebula)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	232	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective

UVS MAGNETONEBULA OBSERVATION 8, G8 CRUISE [partly converted to UVS grating test]
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 (H Lyman-alpha 1215, neutral O 1304)
2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES],
G 1319.6 (STEP 122) [ODD FRAMES]
2POSN-88STEP G/G MINISCAN (UVS): G 1131.5-1265.9 (STEP 44) [EVEN FRAMES],
G 1199.7-1333.4 (STEP 88) [ODD FRAMES]

Design Detail

PSID	RIM:mf	CDS	PA
384MA	-3	0	COMMENT [UVS RIM 0]
176BG	-3	15	SCITLM [PAUSE PB]
165BP	4	36	TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/T 3
157ME	4	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
432BO	4:45	38	OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES]
349NT	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]
157MF	7124	38	CMDRS (10+14*2) [PLAN DUR 181, EST UVS CMDS 2]
	7125		34UVS,DF,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,7D,00,2C [88STEP G/G]
	7305		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
432BP	8550	38	OPTRTM [UVS EXCLUDE]

Activity ID: Orbit G8 OAPEL HUMAGNEB SeqNo 09-

Title UVS MAGNETONEBULA OBSERVATION 9 **Instrument** UVS

Requestor UVS-MWG/S.STEPHENS **Team** UVS **Working Group** MWG

Time System CDS **Load ID** G8B **Calendar Date** 06/13/97 **Week** 24

Start	JEE+CDS 00050733:00:0	97-164/02:38:55.400	JEE+035/14:56:42.000
End	JEE+CDS 00057860:00:0	97-169/02:45:06.733	JEE+040/15:02:53.333
Duration	00007127:00:0	005/00:06:11.333	005/00:06:11.333

Top Label G8HUMAGNEB09-

Bottom Label (UVS RTS Magnetonebula)

Plot Key	UVS	**Type**	SCI		
CDS Bytes	152	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective

UVS MAGNETONEBULA OBSERVATION 9, G8 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
384MB	0	0	COMMENT [UVS RIM 0]
157MG	4	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
432BQ	4:45	38	OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES]
349NU	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]
157MH	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 [HVOFF]
432BR	7126	38	OPTRTM [UVS EXCLUDE]

Activity ID:	Orbit G8	OAPEL HUMAGNEB		SeqNo 10-	
Title	UVS MAGNETONEBULA OBSERVATION 10			**Instrument**	UVS
Requestor	UVS-MWG/S.STEPHENS	**Team**	UVS	**Working Group**	MWG

Time System	CDS	**Load ID**	G8B	**Calendar Date**	06/18/97 Week 25
Start	JEE+CDS 00058744:00:0	97-169/17:38:56.066		JEE+041/05:56:42.666	
End	JEE+CDS 00063023:00:0	97-172/17:45:28.733		JEE+044/06:03:15.333	
Duration	00004279:00:0	003/00:06:32.667		003/00:06:32.667	

Top Label	G8HUMAGNEB10-				
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 10, G8 CRUISE [partly converted to UVS grating test]
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 (H Lyman-alpha 1215, neutral O 1304)
2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES],
G 1319.6 (STEP 122) [ODD FRAMES]
2POSN-88STEP G/G MINISCAN (UVS): G 1131.5-1265.9 (STEP 44) [EVEN FRAMES],
G 1199.7-1333.4 (STEP 88) [ODD FRAMES]

Design Detail

PSID	RIM:mf	CDS	PA
384MC	0	0	COMMENT [UVS RIM 0]
157MI	4	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
432BS	4:45	38	OPTRTM [UVS INCLUDE, BLOCKSHIFT 45 MINOR FRAMES]
349NV	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]
157MJ	2852	38	CMDRS (10+14*2) [PLAN DUR 181, EST UVS CMDS 2]
	2853		34UVS,DF,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,7D,00,2C [88STEP G/G]
	3033		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
432BT	4278	38	OPTRTM [UVS EXCLUDE]

Activity ID: Orbit G8 OAPEL TUCTORUS SeqNo 02-

Title UVS CALLISTO NEUTRAL TORUS 2, C9 INBD **Instrument** UVS

Requestor UVS-MWG/S.STEPHENS **Team** UVS **Working Group** MWG

Time System CDS **Load ID** G8B **Calendar Date** 06/22/97 **Week** 25

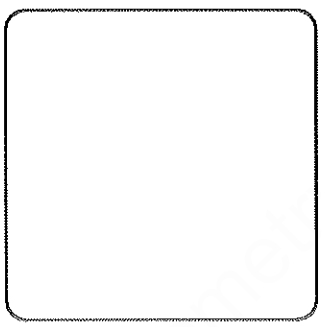
Start	JEE+CDS 00063505:00:0	97-173/01:52:50.066	JEE+044/14:10:36.666
End	JEE+CDS 00064329:00:0	97-173/15:45:59.400	JEE+045/04:03:46.000
Duration	00000824:00:0	000/13:53:09.334	000/13:53:09.334

Top Label G8TUCTORUS02-

Bottom Label (UVS RTS Callisto Torus)

Plot Key	UVS	**Type**	SCI		
CDS Bytes	373	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective



UVS CALLISTO NEUTRAL TORUS MIDNIGHT ANSA PROFILE 2, G8 OUTBOUND (GLL-Jup = 35.7 Rj):
From: 27.82 Rj (inside Callisto ansa) at cone < 90 (ansa at 25.90 Rj)
To: 23.94 Rj (outside Callisto ansa) at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rate 2.43 bps UVS):
UVS deselected; 120-RIM UVFLUSHes usually needed to PACKET UVS after initial DISCRD
Total bits: 7 UVS UVFLUSH PACKETs = 0.12 MB UVS
WAVELENGTHS (Angstroms):
Emission lines: UVS (H 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: Alternate 30-RIM MINISCANs and 30-RIM

Design Detail

PSID	RIM:mf	CDS	PA
384MD	0	0	COMMENT [UVS RIM 0]
61BF	1	37	LOOPER [LOOP PERIOD 60, NUM LOOPS 12]
157MK	3	38	CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2]
349NW	3:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BQ	4	36	TARGET [CONE 78.26, CLOCK 97.03, POSITION SLEW ALLOCATION 4]
	4		34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]
	34		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349NX	122:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349NY	242:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349NZ	362:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349OA	482:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349OB	602:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349OC	722:69	28	UVFLUSH [6UVRT, PACKET, UVS]
157ML	743	38	CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]
	744		34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]
	804		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349OD	822:69	28	UVFLUSH [6UVRT, PACKET, UVS]

Activity ID:	Orbit G8	OAPEL NUSAFESP	SeqNo 01-
Title	SAFE SP AT END OF SEQUENCE		Instrument UVS
Requestor	UVS-MWG/S.STEPHENS	Team UVS	Working Group MWG

Time System	CDS	**Load ID**	G8B	**Calendar Date**	06/22/97 Week 25
Start	JEE+CDS 00064329:00:0	97-173/15:45:59.400		JEE+045/04:03:46.000	
End	JEE+CDS 00064333:00:0	97-173/15:50:02.066		JEE+045/04:07:48.666	
Duration	00000004:00:0	000/00:04:02.666		000/00:04:02.666	

Top Label	G8NUSAFESP01-				
Bottom Label	(UVS RTS Callisto Torus)				
Plot Key	UVS	**Type**	SCI		
CDS Bytes	0	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective

SAFE SCAN PLATFORM AT END OF SEQUENCE:
Responsibility of the UVS Team, since we are the principal users in G8B

Design Detail

PSID	RIM:mf	CDS	PA
384ME	0	0	COMMENT [UVS RIM 0]
20BA	0:06	0	UTILITY [7SAFE, SAFE SP AT END OF SEQUENCE]

Activity ID: Orbit G8 OAPEL TUCTORUS SeqNo 02-

Title UVS CALLISTO NEUTRAL TORUS 2, C9 INBD **Instrument** UVS

Requestor UVS-MWG/S.STEPHENS **Team** UVS **Working Group** MWG

Time System CDS **Load ID** G8B **Calendar Date** 06/22/97 Week 25

Start	JEE+CDS 00063505:00:0	97-173/01:52:50.066	JEE+044/14:10:36.666
End	JEE+CDS 00064329:00:0	97-173/15:45:59.400	JEE+045/04:03:46.000
Duration	00000824:00:0	000/13:53:09.334	000/13:53:09.334

Top Label G8TUCTORUS02-

Bottom Label (UVS RTS Callisto Torus)

Plot Key UVS **Type** SCI

CDS Bytes 373 **Report Options** BOTH **Scan Platform** Yes

CDS Source PA **Spin State** DUAL **DMS** No

Observation Objective

UVS CALLISTO NEUTRAL TORUS MIDNIGHT ANSA PROFILE 2, G8 OUTBOUND (GLL-Jup = 35.7 Rj):
From: 27.82 Rj (inside Callisto ansa) at cone < 90 (ansa at 25.90 Rj)
To: 23.94 Rj (outside Callisto ansa) at fixed cone
UVFLUSH STRATEGY (17,712 bits per UVS PACKET; data rate 2.43 bps UVS):
UVS deselected; 120-RIM UVFLUSHes usually needed to PACKET UVS after initial DISCRD
Total bits: 7 UVS UVFLUSH PACKETs = 0.12 MB UVS
WAVELENGTHS (Angstroms):
Emission lines: UVS (H 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: Alternate 30-RIM MINISCANs and 30-RIM

Design Detail

PSID	RIM:mf	CDS	PA
384MD	0	0	COMMENT [UVS RIM 0]
61BF	1	37	LOOPER [LOOP PERIOD 60, NUM LOOPS 12]
157MK	3	38	CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2]
349NW	3:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BQ	4	36	TARGET [CONE 78.26, CLOCK 97.03, POSITION SLEW ALLOCATION 4]
	4		34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]
	34		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349NX	122:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349NY	242:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349NZ	362:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349OA	482:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349OB	602:69	28	UVFLUSH [6UVRT, PACKET, UVS]
349OC	722:69	28	UVFLUSH [6UVRT, PACKET, UVS]
157ML	743	38	CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]
	744		34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]
	804		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349OD	822:69	28	UVFLUSH [6UVRT, PACKET, UVS]

Activity ID: Orbit G8 OAPEL NUSAFESP SeqNo 01-

Title SAFE SP AT END OF SEQUENCE **Instrument** UVS

Requestor UVS-MWG/S.STEPHENS **Team** UVS **Working Group** MWG

Time System CDS **Load ID** G8B **Calendar Date** 06/22/97 Week 25

Start	JEE+CDS 00064329:00:0	97-173/15:45:59.400	JEE+045/04:03:46.000
End	JEE+CDS 00064333:00:0	97-173/15:50:02.066	JEE+045/04:07:48.666
Duration	00000004:00:0	000/00:04:02.666	000/00:04:02.666

Top Label G8NUSAFESP01-

Bottom Label (UVS RTS Callisto Torus)

Plot Key	UVS	**Type**	SCI		
CDS Bytes	0	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

Observation Objective

SAFE SCAN PLATFORM AT END OF SEQUENCE:
Responsibility of the UVS Team, since we are the principal users in G8B

Design Detail

PSID	RIM:mf	CDS	PA
384ME	0	0	COMMENT [UVS RIM 0]
20BA	0:06	0	UTILITY [7SAFE, SAFE SP AT END OF SEQUENCE]