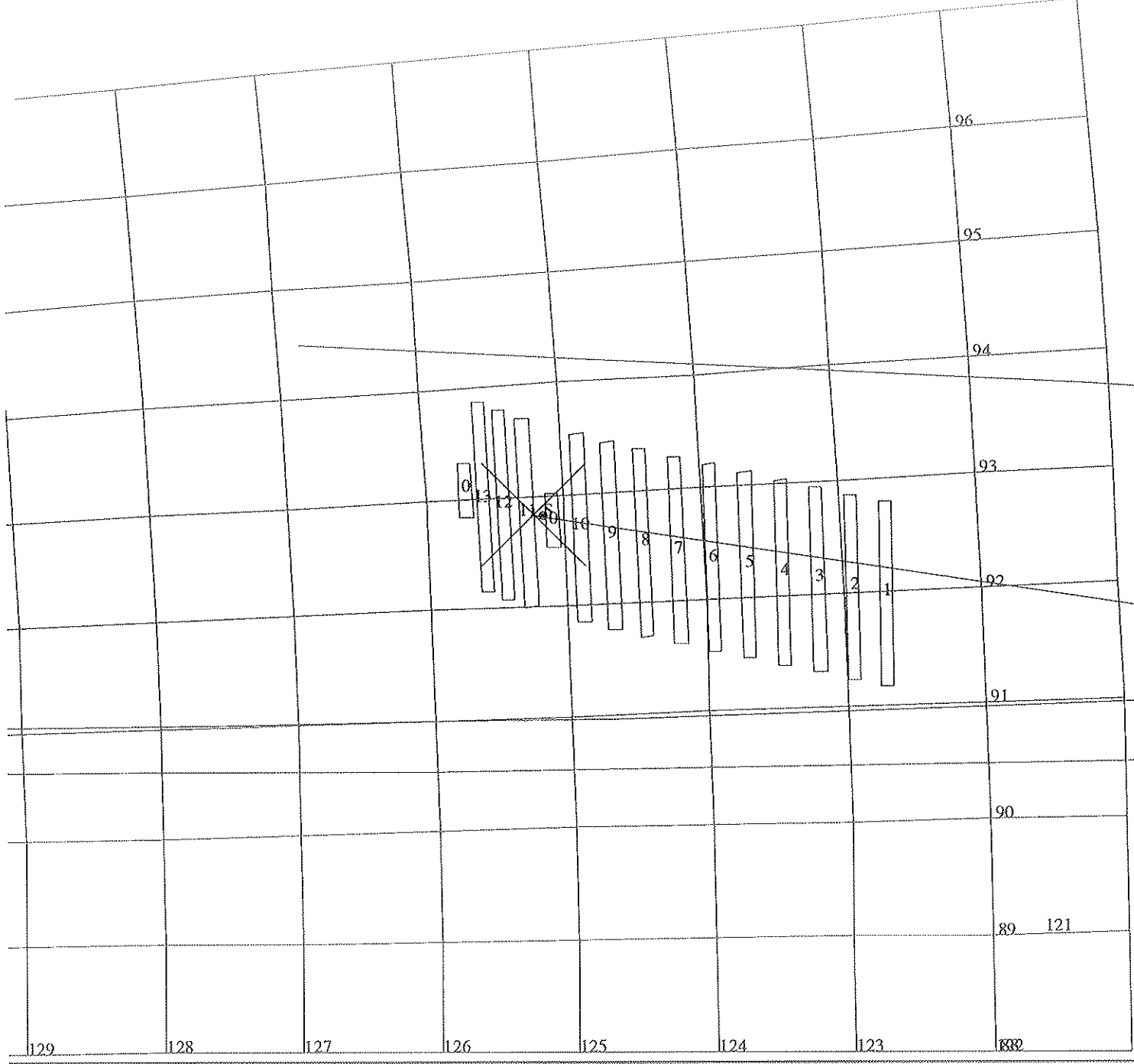


Activity ID:	Orbit G1	OAPEL IUNTRLCL	SeqNo	01-
Title	UVS IO NEUTRAL CLOUD		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	Calendar Date	06/26/96 Week 26
Start	JEE-CDS 00002356:00:0		96-178/08:49:09.600	JEE-001/15:42:10.666
End	JEE-CDS 00002141:00:0		96-178/12:26:32.933	JEE-001/12:04:47.333
Duration	00000215:00:0		000/03:37:23.333	000/03:37:23.333
Top Label	G1IUNTRLCL01-			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	298	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	~4 hour UVS real-time Io Neutral Cloud observation. Determine the composition and time variation of the ionized Io neutral cloud (SO ₂ , SO, O, S, K, Na) to assist in the modeling of the Io plasma torus and Io atmosphere.			
	Target s/p ~100000km off the satellite surface and allow s/c motion to drift the POV across Io over a ~210 RIM period.			
	UVS Configuration = G/G 1-Step 2-Posn on 1304.3Å/1319.6Å = F/G Full Scans On while on Io			
Design Detail				
CDS RIM Command Parameters				PSID
-----				-----
28 003+UVFLUSH DISCRD,UVS				(CQ)
66 003 CMDRS				(CI)
004 1 34UVS,C1,F,N,N,N,S,0,OFF,OFF,	ON, ON,NOOVR,1,9C,05,00,0A			
154 151 34UVS,07,S,N,N,N,S,0, ON,OFF,	ON, ON,NOOVR,1,00,9C,01,2C			
184 181 34UVS,C1,F,N,N,N,S,0,OFF,OFF,	ON, ON,NOOVR,1,9C,05,00,0A			
214 211 34UVS,C1,F,N,N,N,S,0,OFF,OFF,	ON,OFF,NOOVR,1,2C,05,00,00			
36 004 TARGET (4 RIM Posn_Slew)				(CI)
28 032+UVFLUSH PACKET,UVS				(CR)
28 062+UVFLUSH PACKET,UVS				(CS)
28 092+UVFLUSH PACKET,UVS				(CT)
28 122+UVFLUSH PACKET,UVS				(CU)
28 152+UVFLUSH PACKET,UVS				(CV)
28 182+UVFLUSH PACKET,UVS				(CW)
28 212+UVFLUSH PACKET,UVS				(CX)



165CS:TT= 0 TMC= 1 C= -50.61 XC= -11.81 BS= 0/0768 TC= 9
 A= 728 pD= 0 SR=17.430 RA50=224.95 DEC50=-15.30 cone=125.22 clock= 92.83

ESIGN G1.0 jael: 3/ 1/1996 10: 8:32

ILE:P.G1IUNTRCL01

ARGET BODY : IO

INI:m.g1iuntrcl99

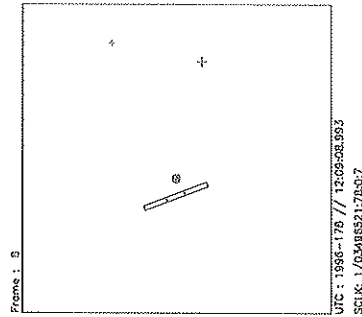
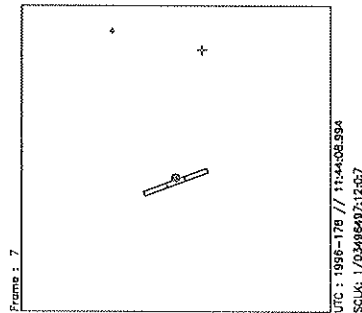
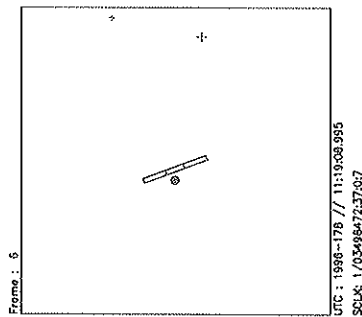
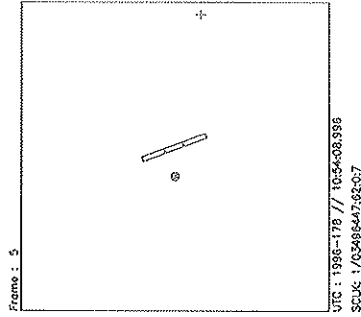
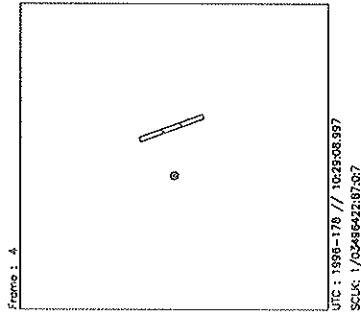
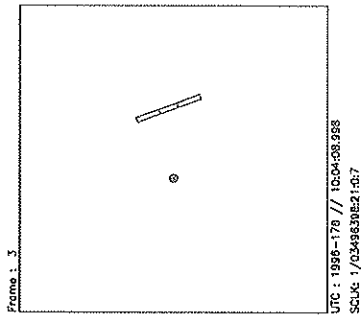
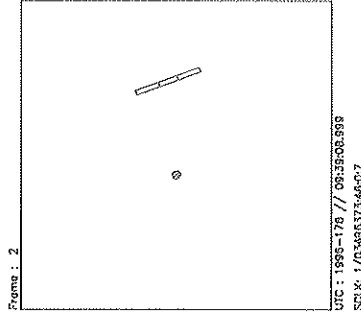
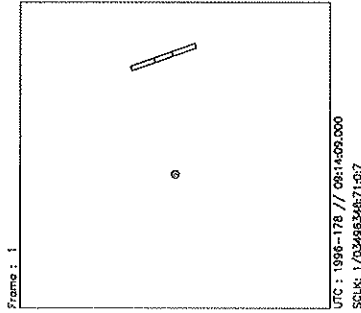
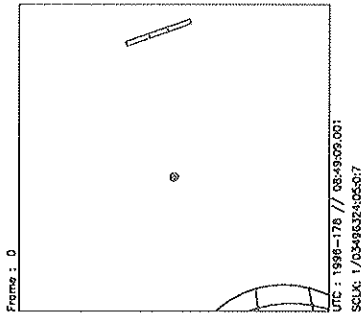
> EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 1

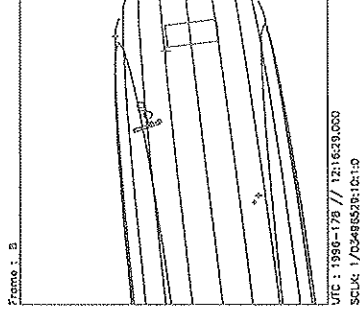
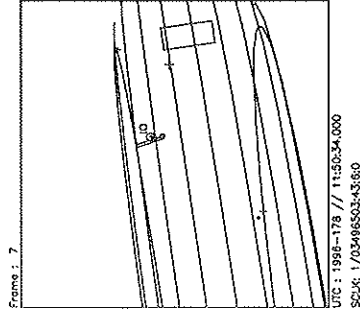
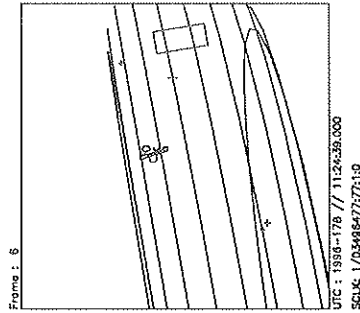
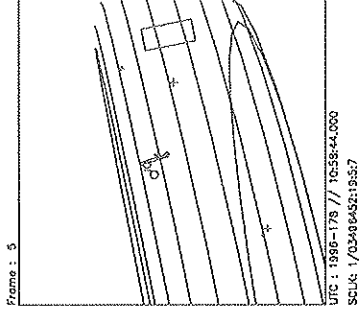
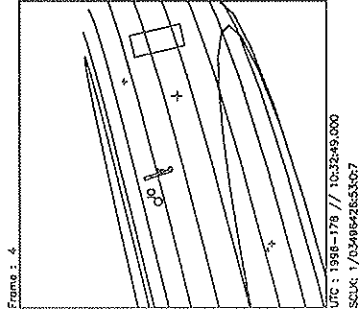
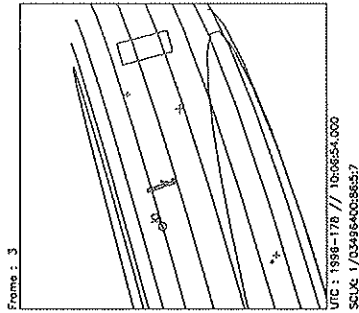
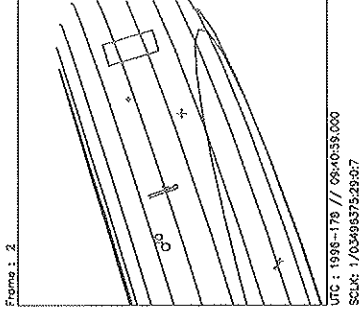
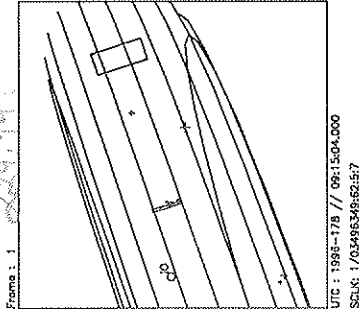
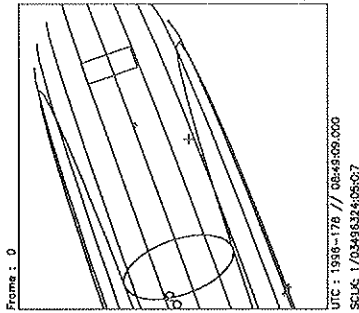
TART:JEE 96-180/00:31:20.266 -CDS 2352:00:0

BODY PLOT TIME:96-178/11:35:59.600 D= 0 S= 0.020



Start UTC_TIME : 1996-178 // 08:49:09.000
No End Time :
Start SCLK : 1/03496324:05:07

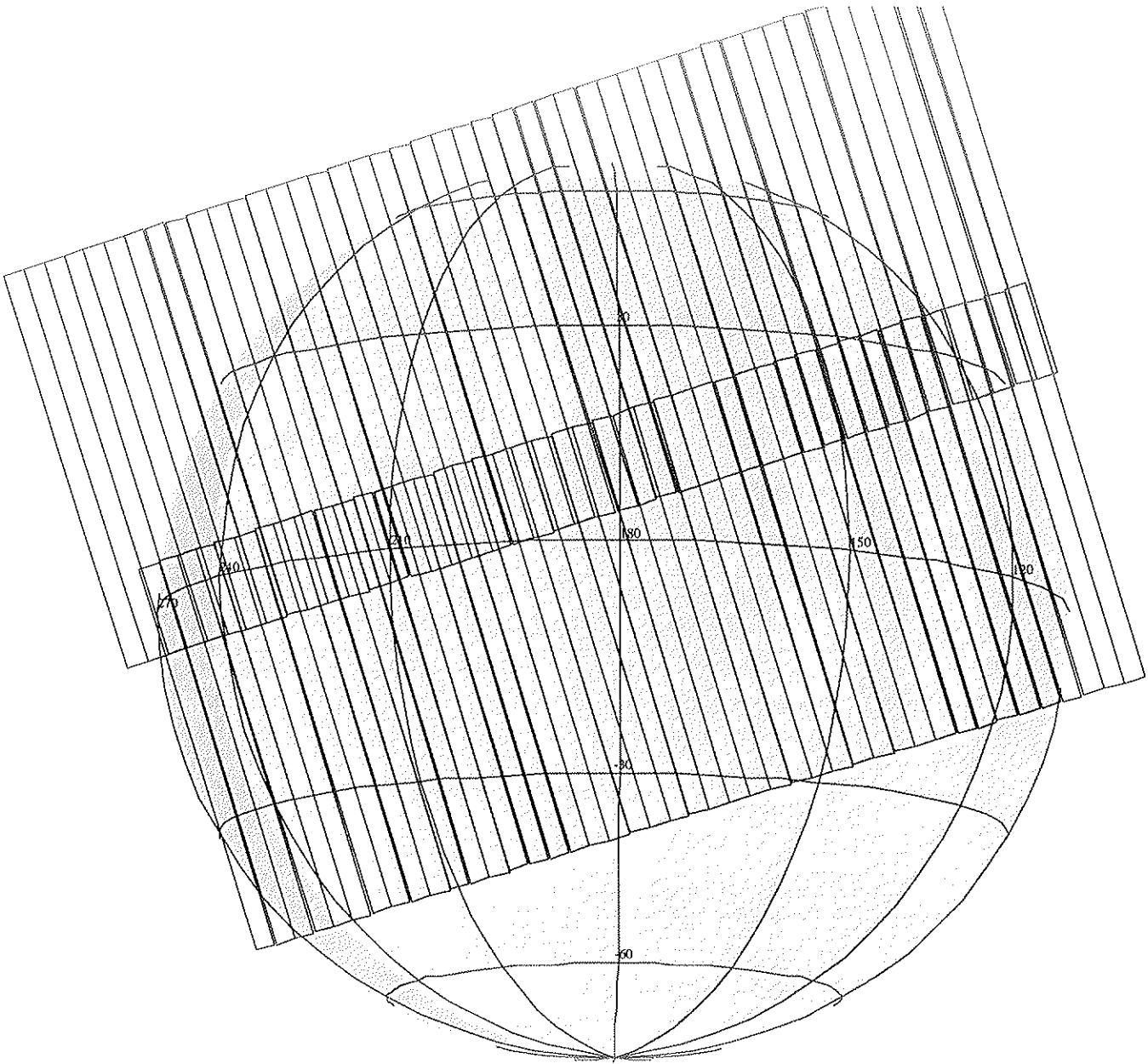
Target Body : IO
Target Cone/Clock : 128.21 / 93.72 Deg
S/C to Body Center : 1287277. Km (705.60866 Ri)
Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg



Start UTC.TIME : 1996-178 // 08:49:09.000
 End UTC.TIME : 1996-178 // 12:26:32.000
 Start SCLK : 1/03496324:05:0:7
 Delta Time between FOV : 1555.000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 133.44 / 92.81 Deg
 S/C to Body Center : 1688316. Km (23.615453 Rj)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1		OAPEL GUGLOBAL		SeqNo 01+	
Title	UVS NIMS GANYMEDE GLOBAL RIDE-ALONG			Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	G1A	Calendar Date	06/26/96 Week 26
Start	GEE-CDS 00000534:00:0		96-178/21:29:30.933		GEE-000/08:59:56.000
End	GEE-CDS 00000491:00:0		96-178/22:12:59.600		GEE-000/08:16:27.333
Duration	00000043:00:0		000/00:43:28.667		000/00:43:28.667
Top Label	G1GUGLOBAL01+				
Bottom Label	(ride-along)				
Plot Key	UVS	Type	SCI		
CDS Bytes	38	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
<div style="border: 1px solid black; width: 150px; height: 100px; display: inline-block; vertical-align: top;"></div> <p>Ride-along w/ NIMS Ganymede Global observation (map of full satellite disk). Extend the surface scattering property measurements into the ultraviolet (1600Å - 3200Å) in concert with NIMS measurements to infer information about particle size, and refractive and absorption properties of the surface materials.</p> <p>UVS Configuration = F/F Full Scans</p> <p>PB Mbits = (38 RIMs)(1008 bps) = 2.324 Mbits</p>					
Design Detail					
CDS	RIM	Command	Parameters	PSID	
38	003	CMDRS		(CM)	
004	1	34UVS,07,S,N,N,N,S,0,	ON,OFF,OFF,	ON,OFF,NOOVR,1,00,9C,00,00	
042	39	34UVS,C1,F,N,N,N,S,0,	OFF,OFF,	ON,OFF,OFF,NOOVR,1,2C,05,00,00	



165D:TT= 0 TMC= 1 C= -11.50 XC= 7.35 BS= 0/7629 TC= 3
 A= 728 pD= 0 SR=17.450 RA50=252.01 DEC50=-14.83 cone=149.41 clock=107.90
 117D:#SB= 1 OR= 0.030 RR= 7.000 BM=F RC= 1 BS= 0/7629
 1:#s= 2 Cs= 23.00 XCs= 0.00 Cr= -23.10 XCr= -7.50 sD= 2306 rD= 22

ESIGN G1.0 brad : 3/28/1996 11:11:24

FILE:P.G1GNGLOBAL01

TARGET BODY : GANYMEDE

INI:m.G1GNGLOBAL01

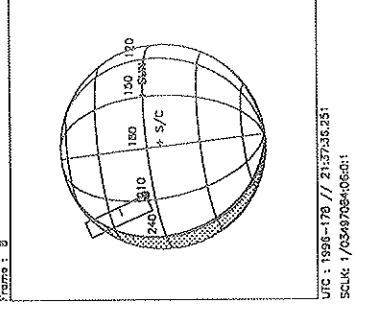
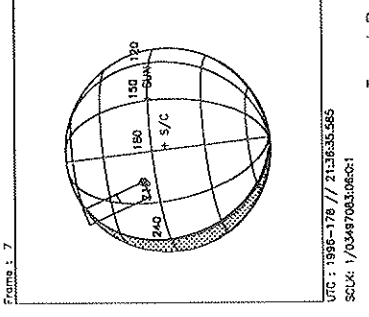
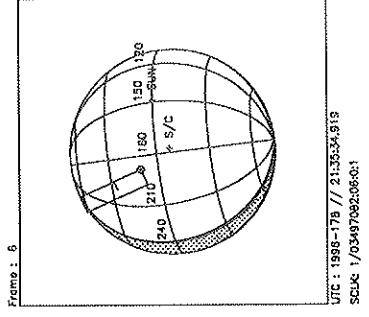
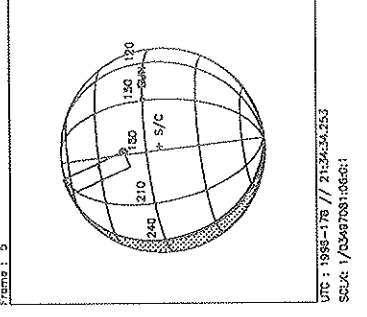
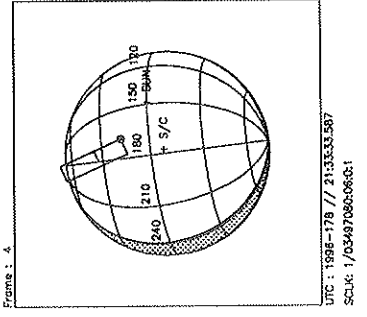
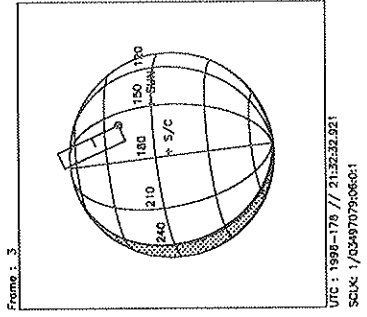
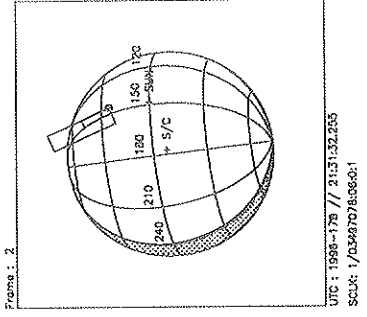
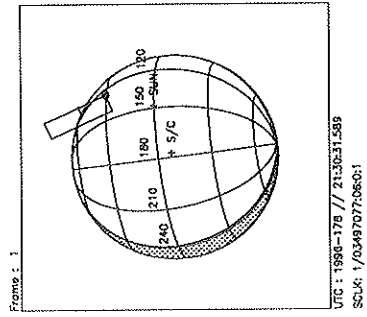
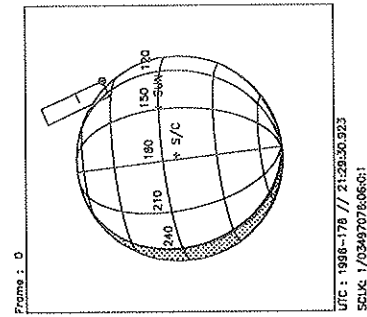
> EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NIM 2

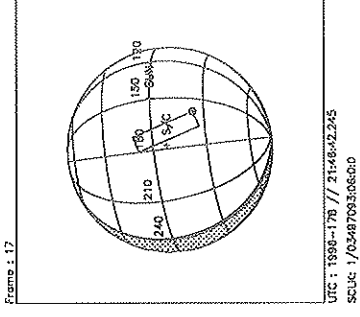
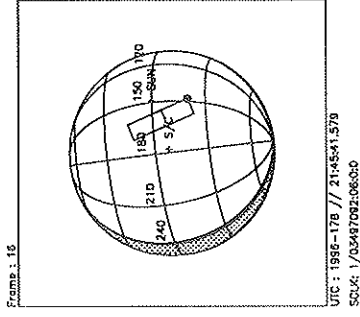
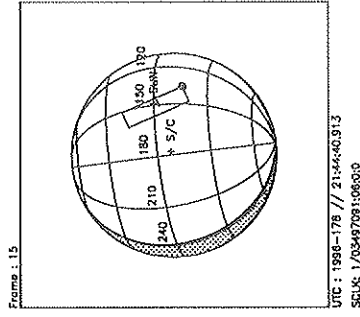
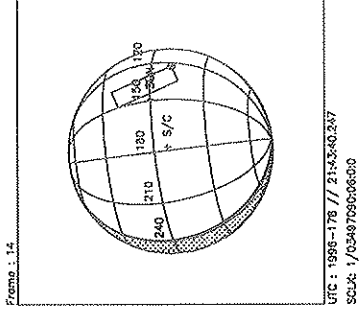
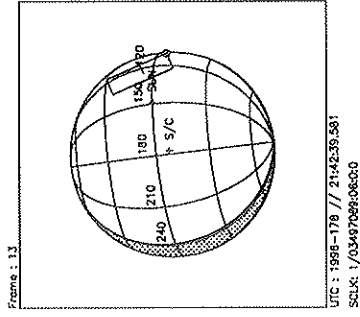
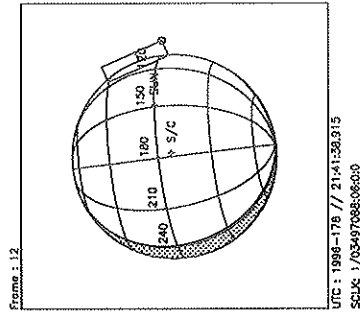
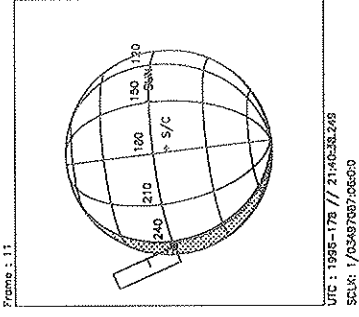
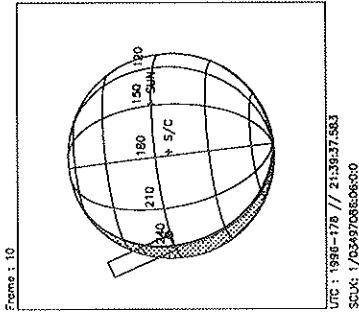
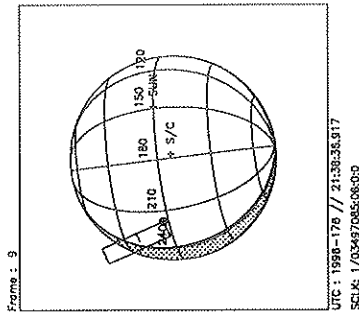
TART:GEE 96-179/06:29:26.933 -CDS 530:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.700



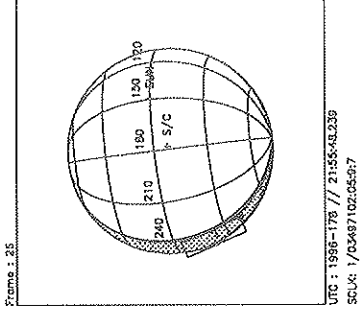
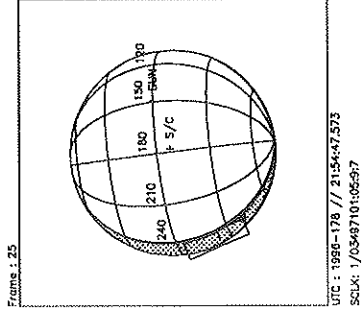
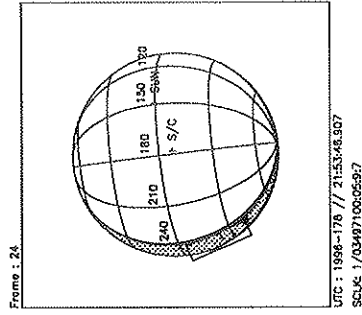
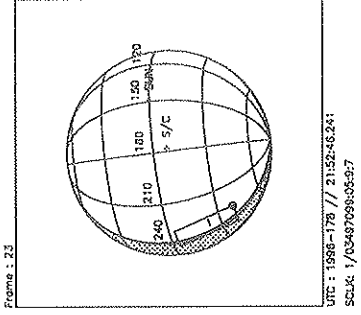
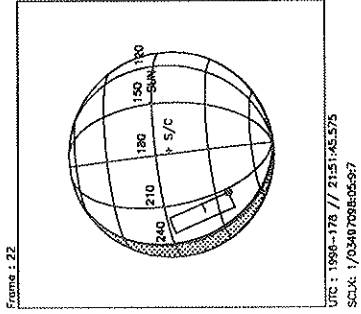
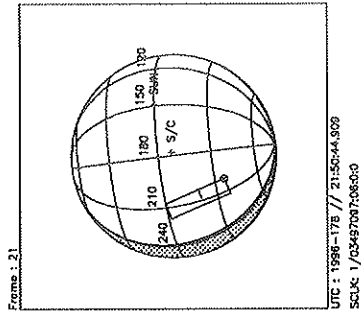
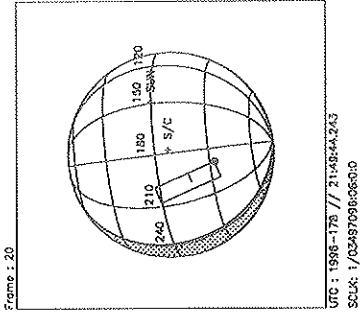
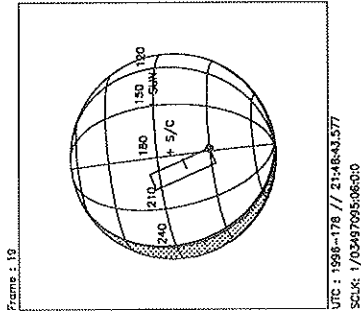
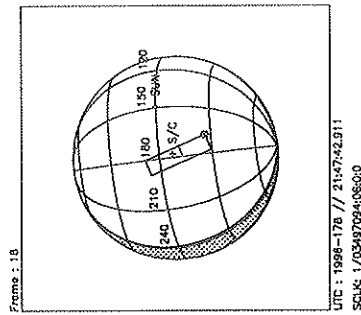
Start UTC_TIME : 1996-178 // 21:29:30.923
 End UTC_TIME : 1996-178 // 22:12:59.600
 Start SCLK : 1/03497076:06:0:1
 Delta Time between FOV : 60.66600
 FOVs : F Channel(0.1x0.4)

Target Body : GANYMEDE
 Target Cone/Clock : 150.06/106.99 Deg
 S/C to Body Center : 248205.0 Km (94.231202 Rg)
 Z-axis Pointing (Ro / Dec) : 102.80 / 24.96 Deg



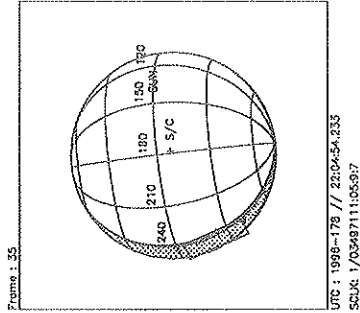
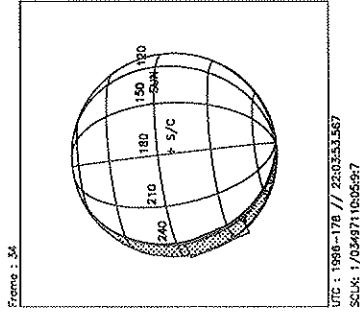
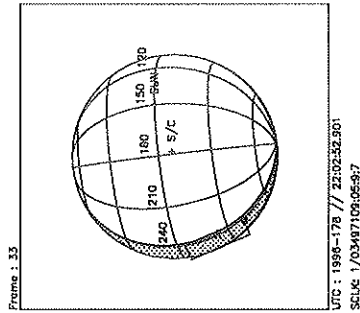
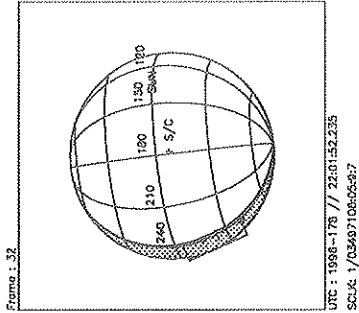
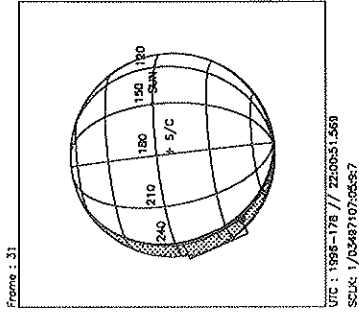
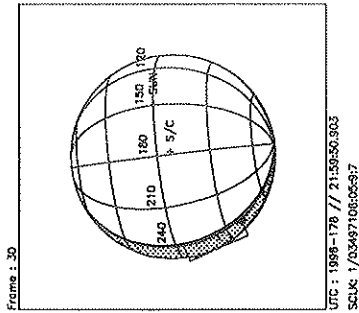
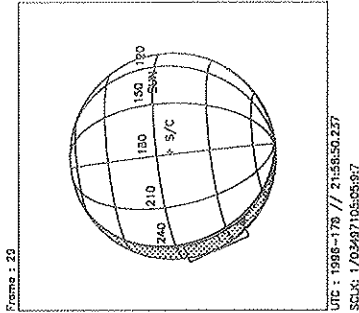
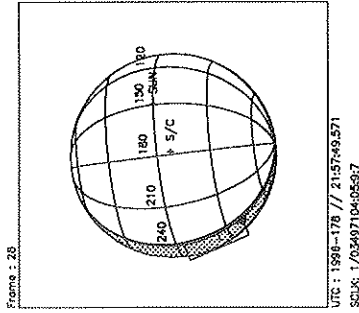
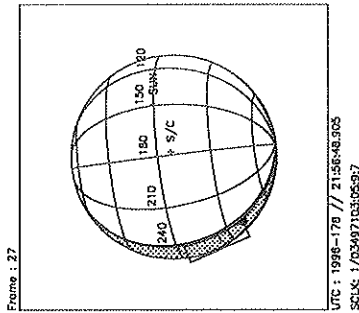
Start UTC_TIME : 1996-178 // 21:29:30.923
End UTC_TIME : 1996-178 // 22:12:59.600
Start SCLK : 1/0349707606500
Delta Time between FOV : 60.66600
FOVs : F_Channel(0.1x0.4)

Target Body : GANYMEDE
Target Cone/Clock : 150.08/107.05 Deg
S/C to Body Center : 243808.0 Km (92.561896 Rg)
Z-axis Pointing (Ro / Dec) : 102.79 / 24.99 Deg



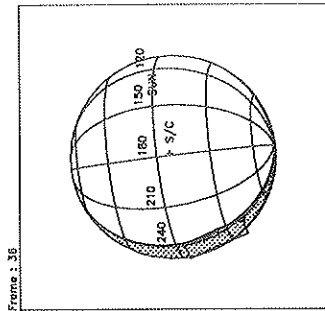
Start UTC_TIME : 1996-178 // 21:29:30.923
End UTC_TIME : 1996-178 // 22:12:59.600
Start SCLK : 1/034970760600:0:1
Delta Time between FOV : 60.66600
FOVs : F Channel(0.1x0.4)

Target Body : GANYMEDE
Target Cone/Clock : 150.09/107.06 Deg
S/C to Body Center : 239421.8 Km (90.8966645 Rg)
Z-axis Pointing (Ro / Dec) : 102.78 / 24.98 Deg

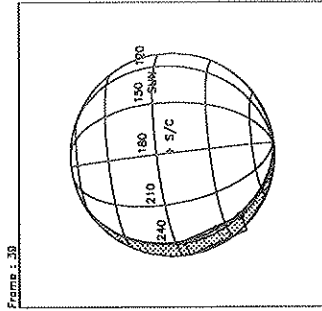


Start UTC_TIME : 1996-178 // 21:29:30.923
End UTC_TIME : 1996-178 // 22:12:59.600
Start SCLK : 1/03497076:06:0:1
Delta Time between FOV : 60.66600
FOVs : F Channel(0.1x0.4)

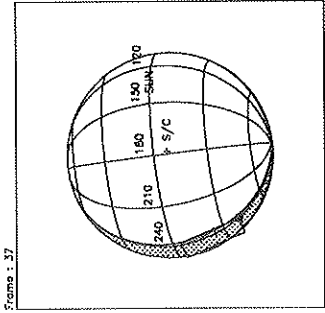
Target Body : GANYMEDE
Target Cone/Clock : 150.08/107.10 Deg
S/C to Body Center : 235046.0 Km (89.235394 Rg)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



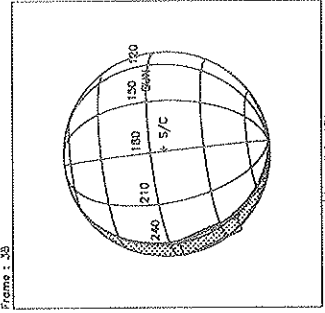
UTC : 1996-178 // 21:05:54.899
 SCLK : 1/03497112:05:56



UTC : 1996-178 // 22:36:56.897
 SCLK : 1/03497115:05:56



UTC : 1996-178 // 22:08:55.505
 SCLK : 1/03497113:05:56



UTC : 1996-178 // 22:07:58.231
 SCLK : 1/03497114:05:56

Start UTC_TIME : 1996-178 // 21:29:30.923
 End UTC_TIME : 1996-178 // 22:12:59.600
 Start SCLK : 1/03497076:06:0:1
 Delta Time between FOV : 60.66600
 FOVs : F Channel(0.1x0.4)

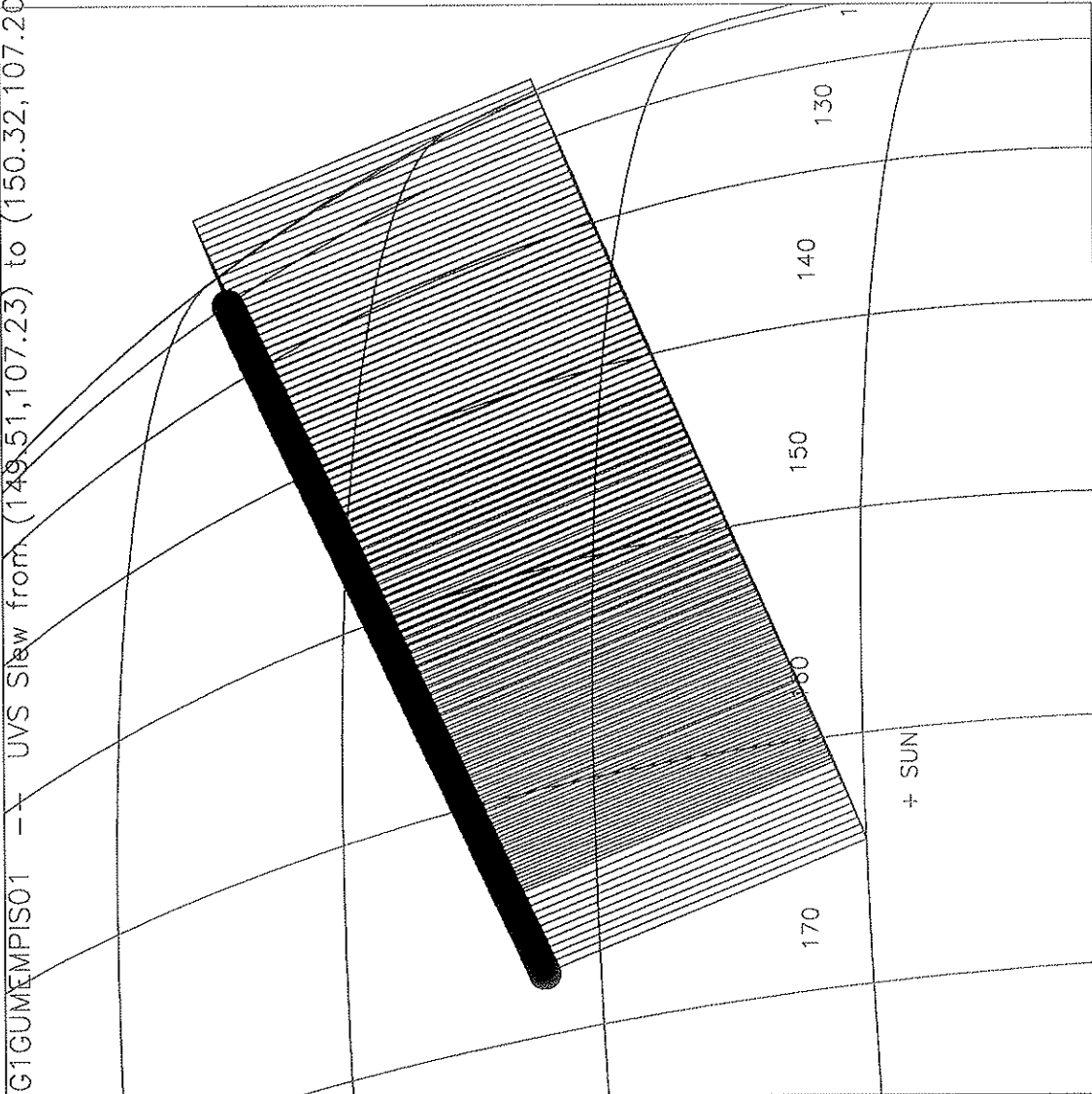
Target Body : GANYMEDE
 Target Cone/Clock : 150.09/107.11 Deg
 S/C to Body Center : 230680.7 Km (87.578090 Rg)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID:	Orbit G1	OAPEL	GUMEMPIS	SeqNo	01+
Title	UVS NIMS GANYMEDE MEMPHIS RIDE-ALONG			Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	GIA	Calendar Date	06/27/96
				Week	26
Start	GTE-CDS 00000194:00:0		96-179/03:13:17.600		GTE-000/03:16:09.333
End	GTE-CDS 00000180:00:0		96-179/03:27:26.933		GTE-000/03:02:00.000
Duration	00000014:00:0		000/00:14:09.333		000/00:14:09.333
Top Label	G1GUMEMPIS01+				
Bottom Label	(ride-along)				
Plot Key	UVS	Type	SCI		
CDS Bytes	38	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	SpIn State	DUAL	DMS	No
Observation Objective					
<div style="border: 1px solid black; padding: 5px;"> <p>Ride-Along with NIMS Ganymede Memphis Facula Observation (palimpsest w/ surrounding dark terrain and furrow structure). Extend the surface scattering property measurements into the ultraviolet (1600Å - 3200Å) in concert with NIMS measurements to infer information about particle size, and refractive and absorption properties of the surface materials.</p> <p>UVS Configuration = F/F Full Scans</p> <p>PB Mbits = (8 RIMs)(1008 bps) = 0.489 Mbits</p> </div>					
Design Detail					
CDS RIM	Command Parameters			PSID	
-----	-----			-----	
38	004 CMDRS			(CN)	
	005 1	34UVS,07,S,N,N,N,S,0, ON,OFF,OFF, ON,OFF,NOOVR,1,00,9C,00,00			
	013 9	34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00			

(cone, clock)

Wed Apr 10 15:02:30 1996

GTGUMEMPIS01 -- UVS Slew from (149.51,107.23) to (150.32,107.20)



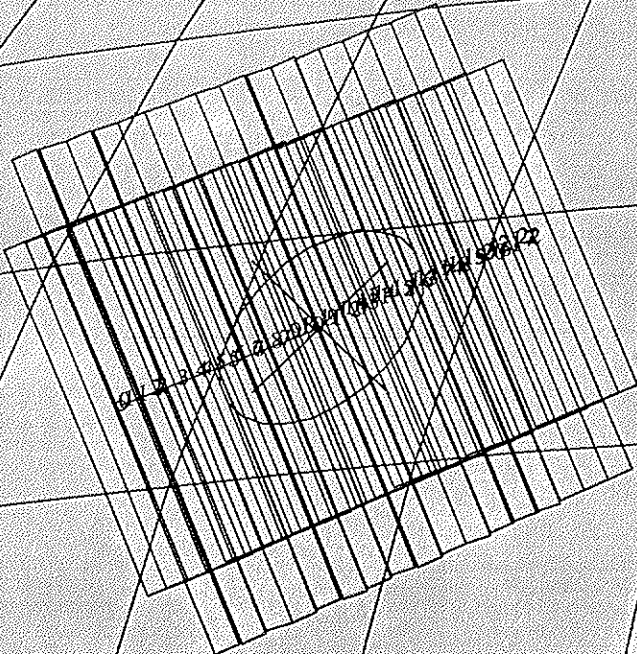
Start UTC_TIME : 1996-179 // 03:14:17.000
 No End Time :
 Start SCLK : 1/03497417:04:1.4

Target Body : GANYMEDE
 Target Cone/Clock : 151.20/106.81 Deg
 S/C to Body Center : 87750.27 Km (33.314453 Rg)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

6.0e6

The UVS Slew in this observation lasts for just over 8 minutes. This plot covers that 8 minutes with a resolution of 5 seconds per FOV. This produces 98 complete Spectra over the course of the observation. (F-channel only)

Activity ID: Orbit G1	OAPEL GUAMON_	SeqNo 01+
Title	UVS NIMS GANYMEDE AMON RIDE-ALONG	Instrument UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team UVS Working Group SWG
Time System CDS	Load ID	Calendar Date 06/27/96 Week 26
Start	GTE-CDS 00000089:00:0	96-179/04:59:27.600 GTE-000/01:29:59.333
End	GTE-CDS 00000080:00:0	96-179/05:08:33.600 GTE-000/01:20:53.333
Duration	00000009:00:0	000/00:09:06.000 000/00:09:06.000
Top Label	GIGUAMON_01+	
Bottom Label	(ride-along)	
Plot Key	UVS	Type SCI
CDS Bytes	38	Report Options BOTH Scan Platform No
CDS Source	OAP	Spin State DUAL DMS No
Observation Objective		
	Ride-Along with NIMS Ganymede Amon Crater Observation (bright ray crater & grooved terrain). Extend the surface scattering property measurments into the ultraviolet (1600Å - 3200Å) in concert with NIMS measurements to infer information about particle size, and refractive and absorption properties of the surface materials.	
	UVS Configuration = F/F Full Scans	
	PB Mbits = (4 RIMS)(1008 bps) = 0.245 Mbits	
Design Detail		
CDS RIM Command Parameters		PSID
-----		----
38 003 CMDRS		(CO)
004 1	34UVS,07,S,N,N,N,S,0,	ON,OFF,OFF, ON,OFF,NOOVR,1,00,9C,00,00
008 5	34UVS,C1,F,N,N,N,S,0,	OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00



165DN:TT= 0 TMC=1 C= 4.00 XC= 0.00 BS= 0/8437 TC= 1(33 223)
 A= 546 pD= 888 SR=17.450 RA50=259.10 DEC50=-15.48 cone=155.00 clock=112.03
 17DN:#SB= 1 OR= 0.030 RR= 0.010 BM=F RC= 1 BS= 0/8437
 1:#s= 1 Cs= -8.80 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 888 rD= 2

ESIGN G1.0 jael: 4/26/1996 9:52:42

FILE:P.G1GNAMON_01

TARGET BODY: GANYMEDE

INI:m.G1GNAMON_01

EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

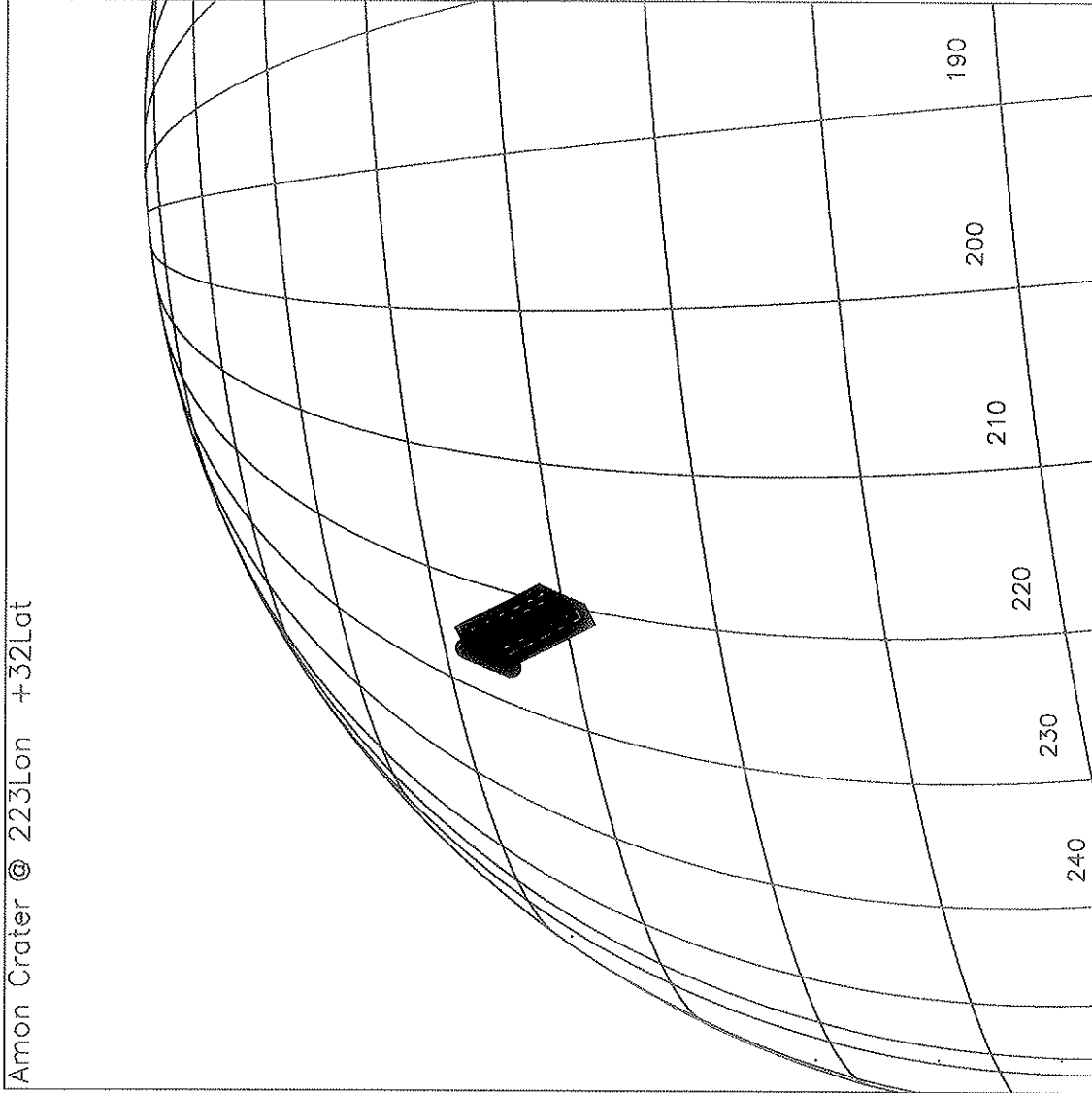
TART:GTE 96-179/06:29:26.933 -CDS 86:00:0

THINNING:NIM 2 :UVS 1

BODY PLOT TIME:TARGET-TIME D= 888 S= 5.000

Tue May 7 18:48:45 1996

Amon Crater @ 223Lon +32Lat



Start UTC_TIME : 1996-179 // 05:04:30.000

No End Time :

Start SCLK : 1/03497528:04:8:4

Target Body : GANYMEDE

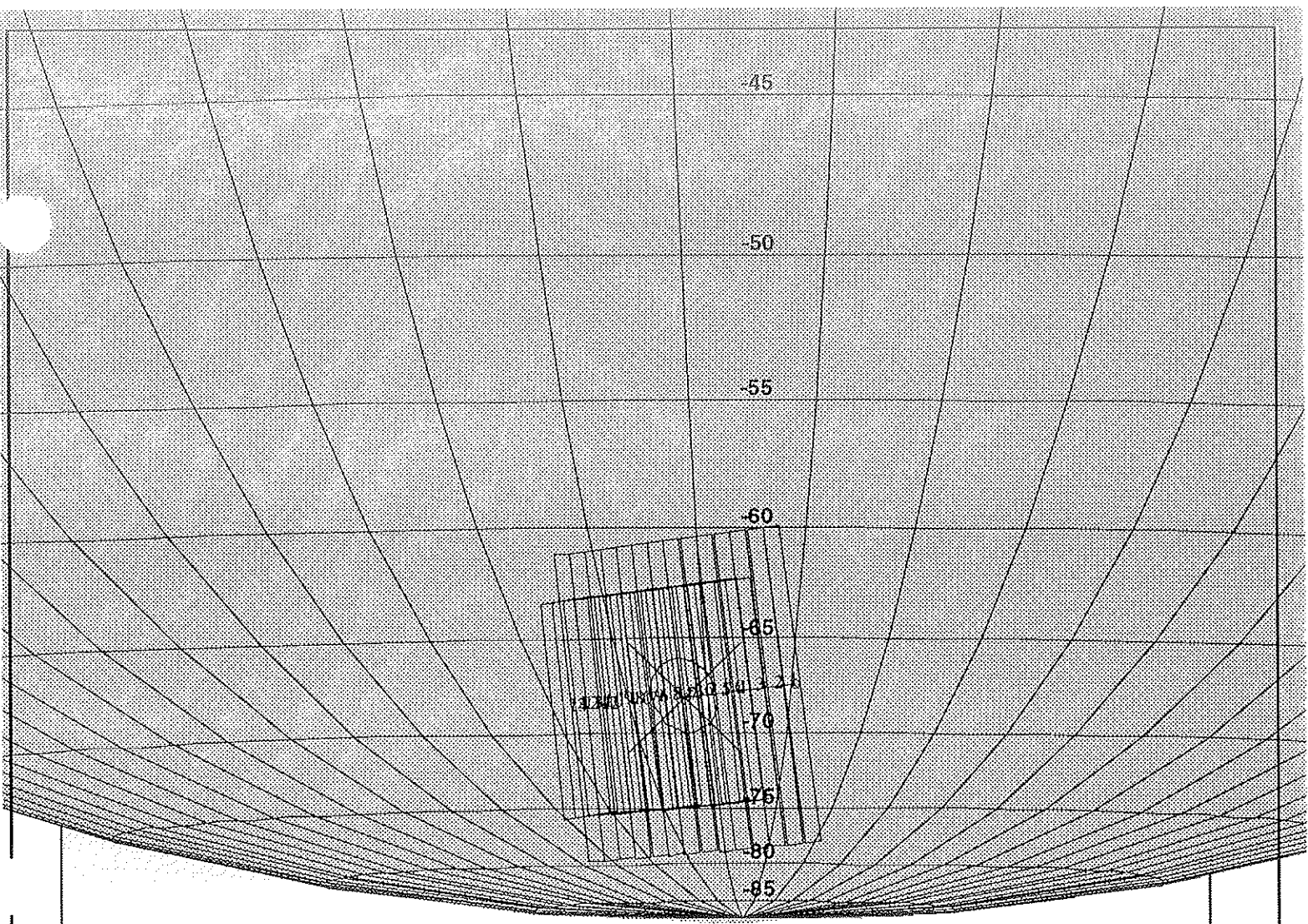
Target Cone/Clock : 154.10/105.15 Deg

S/C to Body Center : 38257.51 Km (14.524490 Rg)

Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Handwritten signature or initials

Activity ID:	Orbit G1	OAPEL GUISPTAH	SeqNo	01+
Title	UVS NIMS GANYMEDE ISPTAH RIDE-ALONG		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group
			SWG	
Time System	CDS	Load ID	Calendar Date	06/27/96
			Week	26
Start	GTE-CDS 00000080:00:0	96-179/05:08:33.600	GTE-000/01:20:53.333	
End	GTE-CDS 00000072:00:0	96-179/05:16:38.933	GTE-000/01:12:48.000	
Duration	00000008:00:0	000/00:08:05.333	000/00:08:05.333	
Top Label	G1GUISPTAH01+			
Bottom Label	(ride-along)			
Plot Key	UVS	Type	SCI	
CDS Bytes	38	Report Options	BOTH	Scan Platform
				No
CDS Source	OAP	Spin State	DUAL	DMS
				No
Observation Objective				
<p>Ride-Along with NIMS Ganymede ISPTAH Observation (2 rayed craters ISIS & PTAH near south pole). Extend the surface scattering property measurements into the ultraviolet (1600Å - 3200Å) in concert with NIMS measurements to infer information about particle size, and refractive and absorption properties of the surface materials.</p> <p>UVS Configuration = F/F Full Scans</p> <p>PB Mbits = (3 RIMS)(1008 bps) = 0.184 Mbits</p>				
Design Detail				
CDS RIM	Command	Parameters	PSID	
38	003	CMDRS	(CP)	
	004	1	34UVS,07,S,N,N,N,S,0,	ON,OFF,OFF, ON,OFF,NOOVR,1,00,9C,00,00
	007	4	34UVS,C1,F,N,N,N,S,0,	OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00



2

165DO:TT= 0 TMC= 1 C= -3.50 XC= 0.00 BS= 0/0075 TC= 1(-68 196.5)
 A= 546 pD= 706 SR=17.450 RA50=255.94 DEC50=-21.97 cone=155.22 clock= 95.83
 117DO:#SB= 1 OR= 0.030 RR= 0.010 BM=F RC= 1 BS= 0/0075
 1:#s= 1 Cs= 7.00 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 706 rD= 2

DESIGN G1.0 jaiel: 4/ 2/1996 15:20:55

FILE:P.G1GNPTAH_01

TARGET BODY : GANYMEDE

MINI:m.G1GNPTAH_01

:EPH:/DATA/NAVIO/T-960110-ALL.NS

PERIAPSIS:

THINNING:NIM 2 :UVS 1

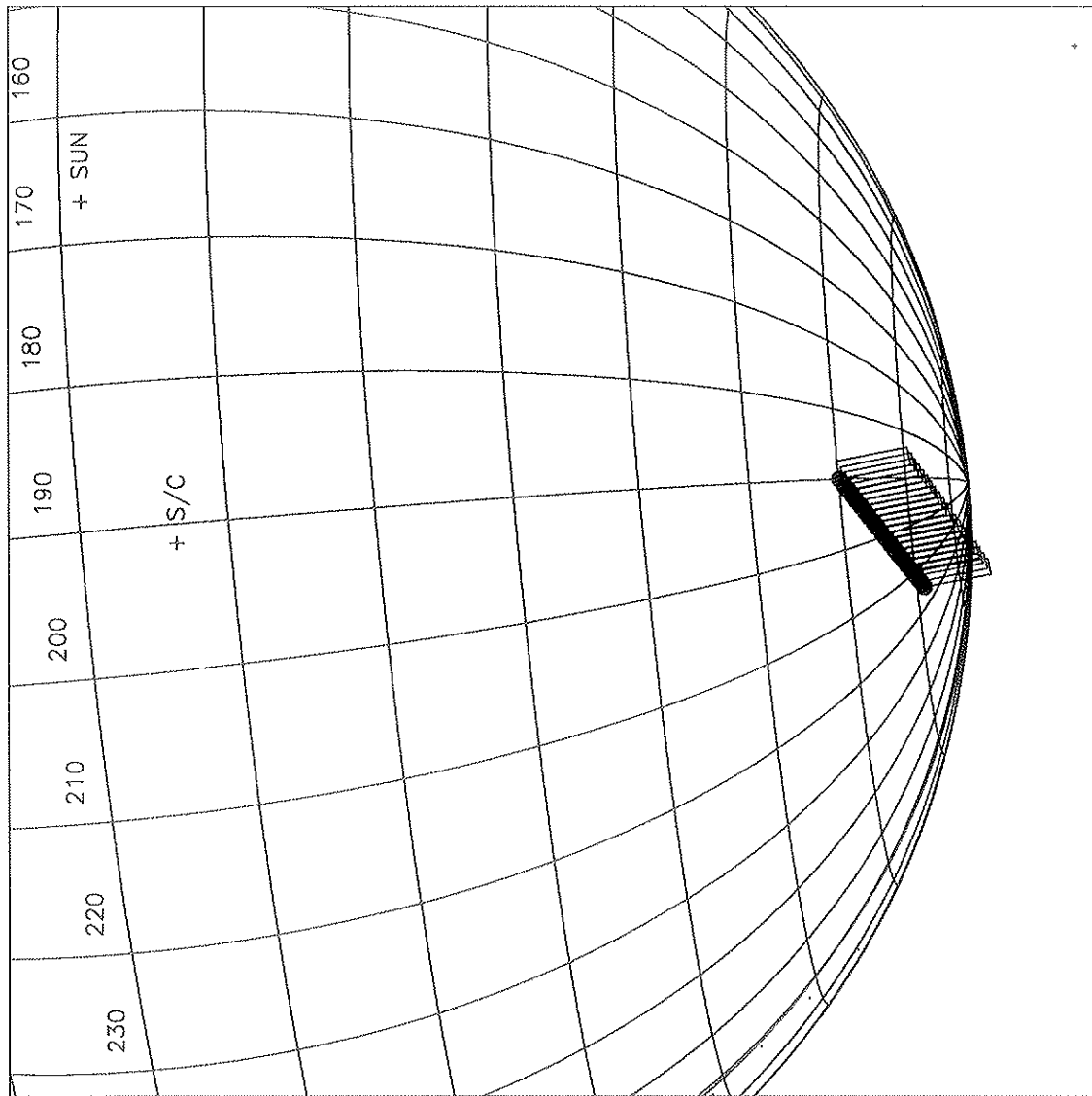
START:GTE 96-179/06:29:26.933 -CDS 77:00:0

BODY PLOT TIME:TARGET-TIME D= 706 S= 4.000

OBSERVATION:G1GNPTAH_01

DESCRIP:Ray_craters/brigt_s_pole

Tue May 7 19:01:47 1996

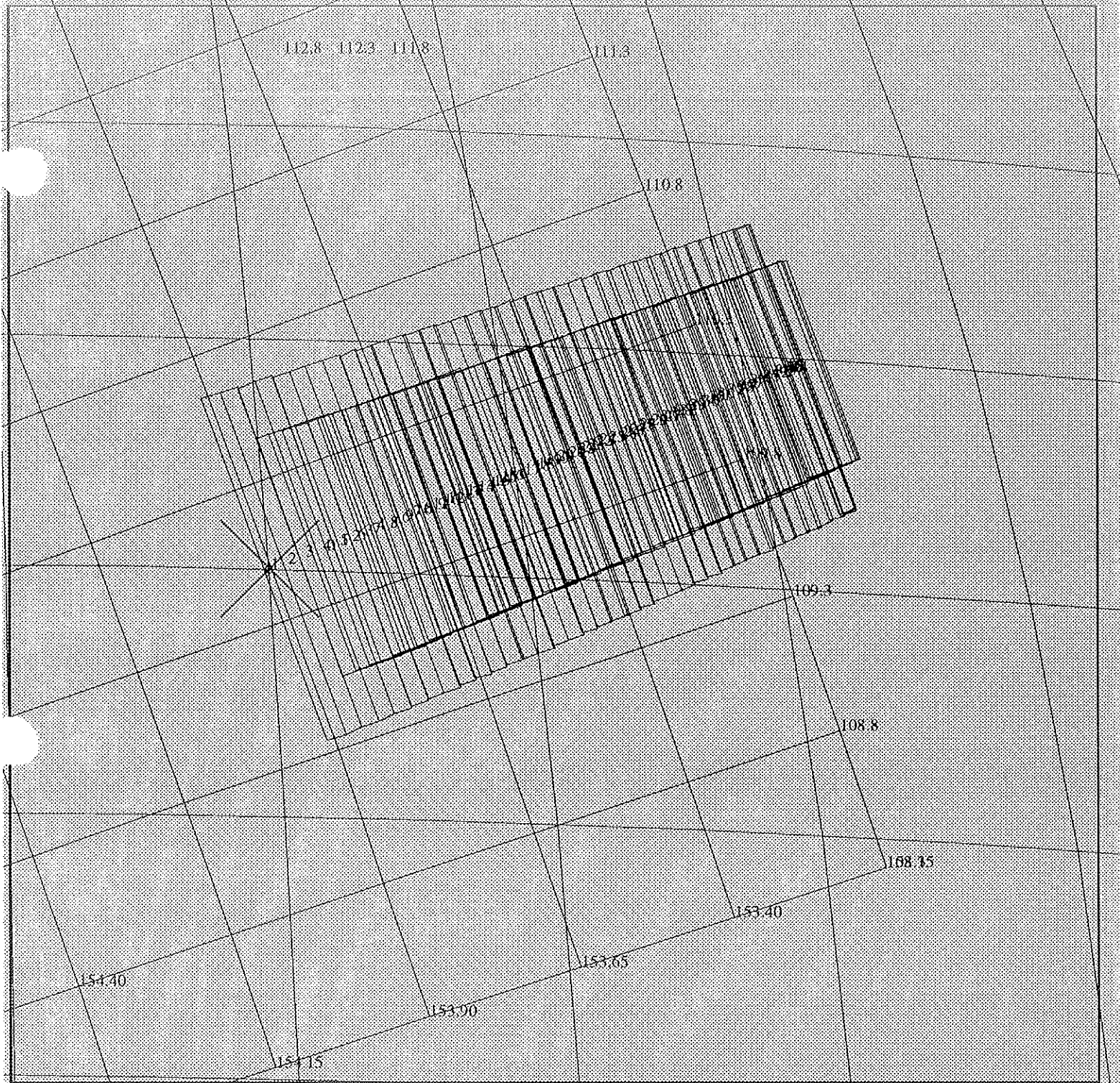


Start UTC_TIME : 1996-179 // 05:12:33.000
No End Time :
Start SCLK : 1/03497534:01:1:5

Target Body : GANYMEDE
Target Cone/Clock : 154.64/104.80 Deg
S/C to Body Center : 34662.64 Km (13.159696 Rg)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

15.43 R_g

Activity ID:	Orbit G1	OAPEL GUNIPPUR	SeqNo	01+
Title	UVS NIMS GANYMEDE NIPPUR RIDE-ALONG		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group
				SWG
Time System	CDS	Load ID	G1A	Calendar Date
				06/27/96
				Week
				26
Start	GTE-CDS 00000072:00:0		96-179/05:16:38.933	GTE-000/01:12:48.000
End	GTE-CDS 00000057:00:0		96-179/05:31:48.933	GTE-000/00:57:38.000
Duration	00000015:00:0		000/00:15:10.000	000/00:15:10.000
Top Label	G1GUNIPPUR01+			
Bottom Label	(ride-along)			
Plot Key	UVS	Type	SCI	
CDS Bytes	38	Report Options	BOTH	Scan Platform
				No
CDS Source	OAP	Spin State	DUAL	DMS
				No
Observation Objective				
	Ride-Along with NIMS Ganymede Nippur Sulcus Observation (grooved & furrowed terrain on trailing hemisphere). Extend the surface scattering property measurements into the ultraviolet (1600Å - 3200Å) in concert with NIMS measurements to infer information about particle size, and refractive and absorption properties of the surface materials.			
	UVS Configuration = F/F Full Scans			
	PB Mbits = (11 RIMs)(1008 bps) = 0.673 Mbits			
Design Detail				
CDS RIM	Command	Parameters	PSID	
---	---	-----	----	
38	003	CMDRS	(CR)	
	004	1	34UVS,07,S,N,N,N,S,0,	ON,OFF,OFF, ON,OFF,NOOVR,1,00,9C,00,00
	015	12	34UVS,C1,F,N,N,N,S,0,	OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00



165DP:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/1719 TC= 125 185
 A= 546 pD= 2002 SR=17.450 RA50=256.68 DEC50=-15.81 cone=153.91 clock=109.98
 117DP:#SB= 1 OR= 0.030 HR=12.000 BM=F RC= 1 BS= 0/1713
 1:rs= 1 Cs= -19.00 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 2002 rD= 2

DESIGN G1.0 jael: 4/ 2/1996 15:20:20

FILE:P.G1GNNIPPUR01

TARGET BODY : GANYMEDE

MINI:m.G1GNNIPPUR01

EPH:/DATA/NAVIO/T-960110-ALL.NS

PERIAPSIS:

THINNING:NIM 2 :UVS 1

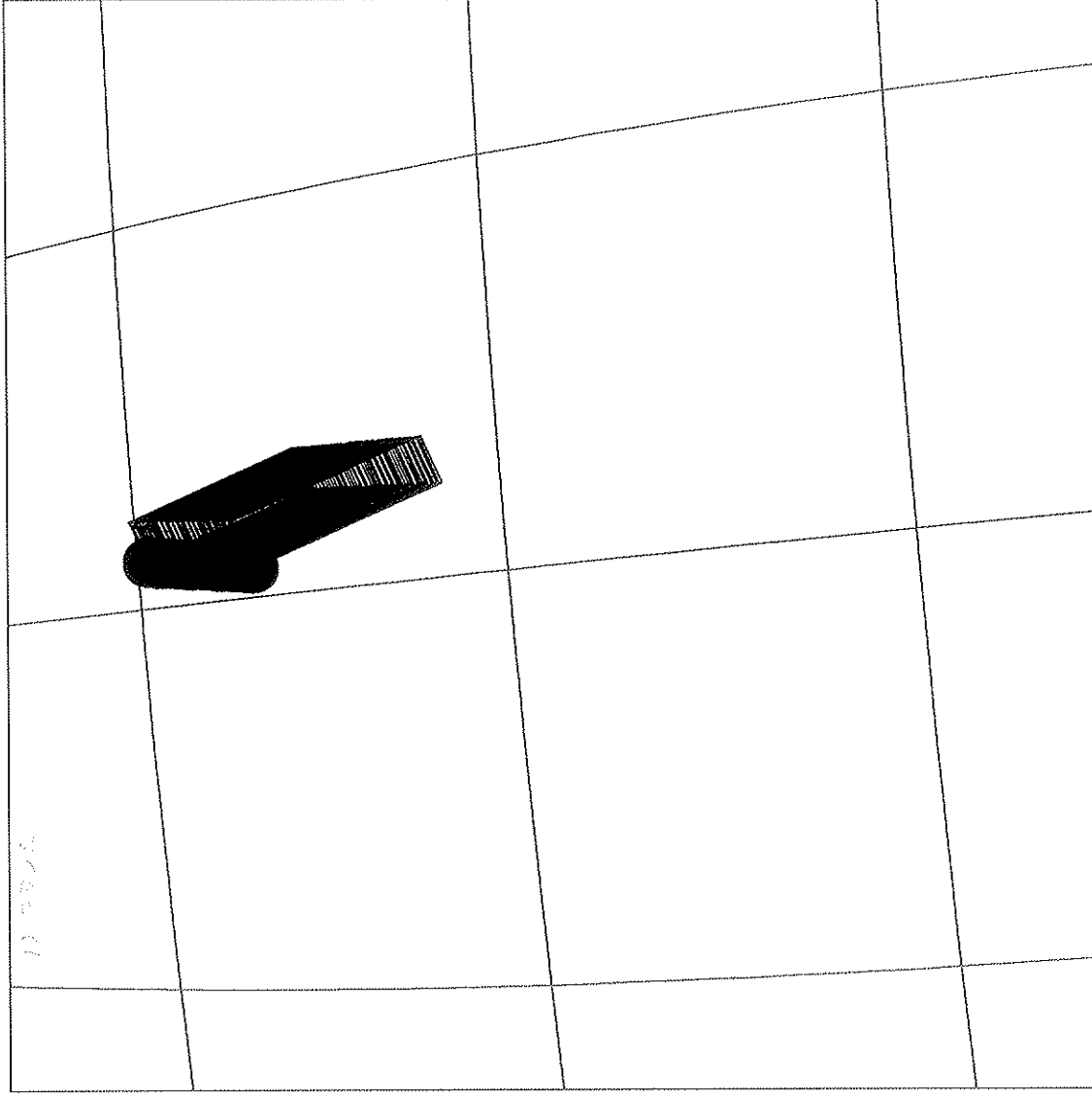
START:GTE 96-179/06:29:26.933 -CDS 68:00:0

BODY PLOT TIME:START-TIME D= 2002 S= 6.000

OBSERVATION:G1GNNIPPUR01

DESCRIP:Nippur Sulcus groove&furrow

Mon Apr 29 15:30:49 1996



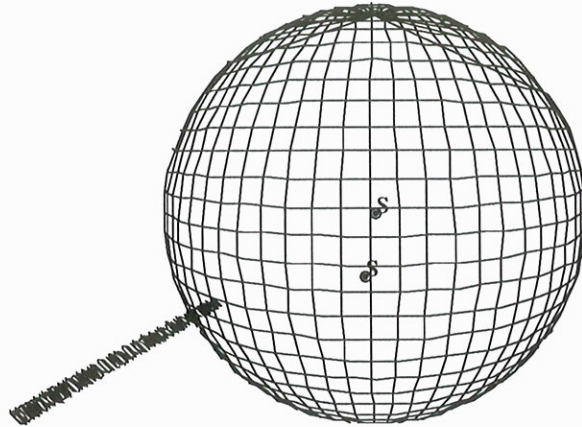
10 5306

Start UTC_TIME : 1996-179 // 05:16:58.000
No End Time :
Start SCLK : 1/03497538:04:6:5

Target Body : GANYMEDE
Target Cone/Clock : 154.96/104.58 Deg
S/C to Body Center : 32840.52 Km (12.467925 Rg)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

15.45 Rg

Activity ID:	Orbit G1	OAPEL GUBRTLMB	SeqNo	01-			
Title	UVS GANYMEDE BRIGHT LIMB (H & O)		Instrument	UVS			
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG		
Time System	CDS	Load ID	G1A	Calendar Date	06/27/96	Week	26
Start	GTE-CDS 00000019:00:0		96-179/06:10:14.267		GTE-000/00:19:12.666		
End	GTE-CDS 00000010:00:0		96-179/06:19:20.267		GTE-000/00:10:06.666		
Duration	00000009:00:0		000/00:09:06.000		000/00:09:06.000		
Top Label	G1GUBRTLMB01-						
Bottom Label	(recorded)						
Plot Key	UVS	Type	SCI				
CDS Bytes	74	Report Options	BOTH	Scan Platform	Yes		
CDS Source	OAP	Spin State	DUAL	DMS	No		
Observation Objective							
	Measure the altitude distribution of volatiles near the sub-solar point to determine the escape rates from the Jovian satellites when the atmosphere is in full solar illumination. Search for outgassing of atomic H (1216 Å) and atomic O (1304 Å). 9 RIM Ganymede Bright Limb Drift Observation (2 RIM target slew + 7 RIM recorded drift). Target s/p to ~1 Rg off satellite limb and allow s/c motion to drift POV onto the bright limb.						
	UVS Configuration = Lyman-Alpha Mini-Scans Atomic Oxygen Mini-Scans						
	PB Mbits = (7 RIMs)(1008+144 bps) = 0.489 Mbits						
Design Detail							
CDS RIM	Command	Parameter	PSID				
38 001	CMDRS		(CJ)				
002	1	34UVS,D1,F,N,N,N,S,0,OFF,OFF, ON, ON,OFF,NOOVR,1,5A,45,00,00		16/2/98			
009	8	34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00		39 1205X			
0	SCIREC	(using FPST continuous recording around c/a for recording data)					
36 002	TARGET	(2 RIM Posn_Slew)	(CJ)				



165CX:TT= 0 TMC= 1 C=-344.00 XC=-345.48 BS= 0/0816 TC= 9
A= 234 pD= 0 SR=17.430 RA50=313.04 DEC50=-38.92 cone=151.00 clock=310.45

ARGET G1.0 brad : 2/28/1996 12:55: 7

ILE:P.G1GUBRTLMB01

ARGET BODY : GANYMEDE

INI:m.target.enc

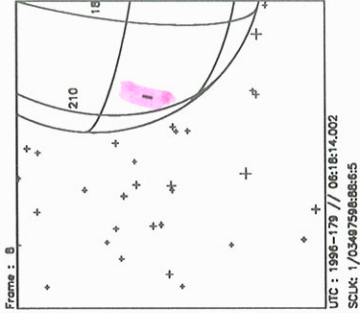
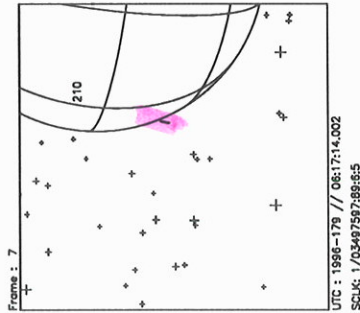
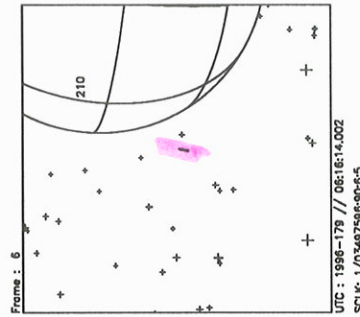
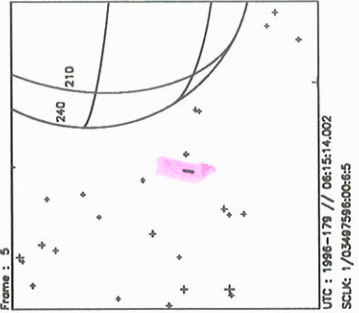
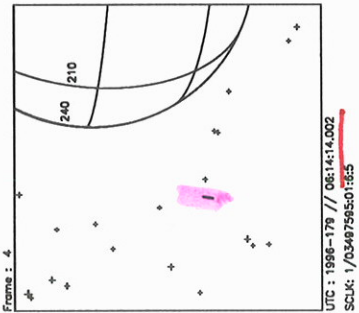
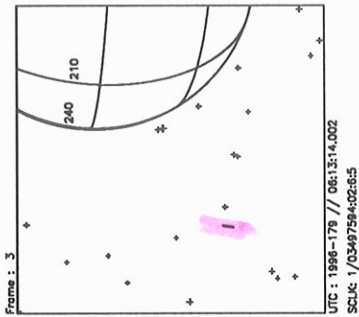
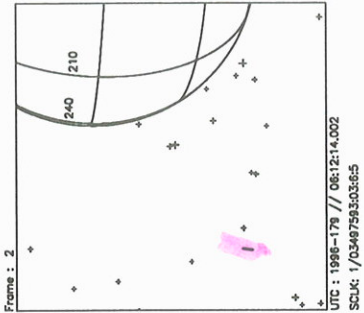
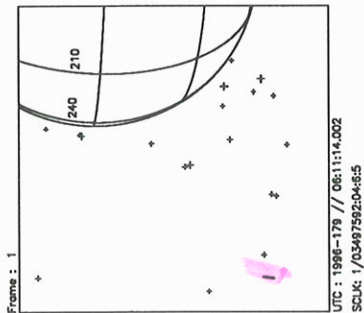
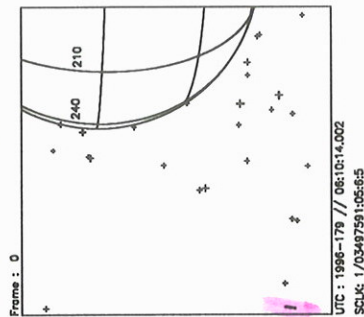
› EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 1

TART:GTE 96-179/06:29:26.933 -CDS 18:00:0

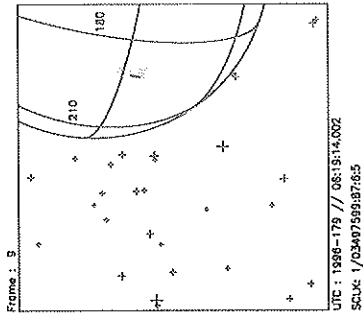
BODY PLOT TIME:96-179/06:18:15.600 D= 0 S= 0.250



RTS reports RA = 313.04
 SCL = 179 // 06:14:12 DEC = -38.96

Start UTC_TIME : 1996-179 // 06:10:14.000
 No End Time :
 Start SCLK : 1/03497591:05:6:5

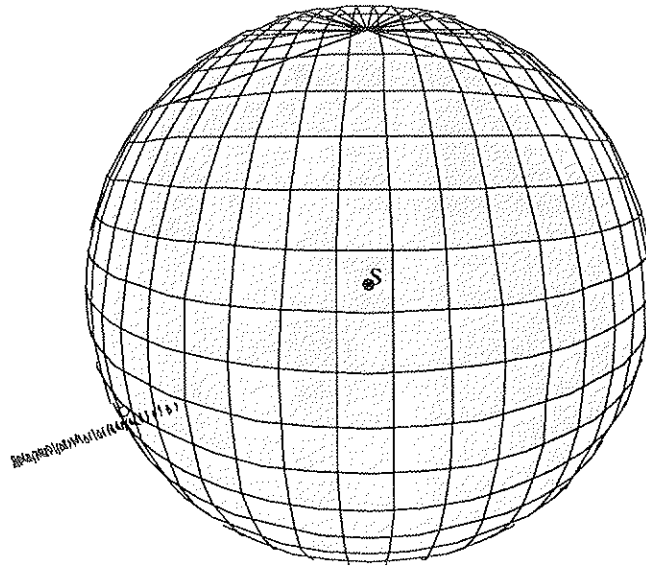
Target Body : GANYMEDE
 Target Cone/Clock : 169.94 / 77.63 Deg
 S/C to Body Center : 9239.457 Km (3.5077664 Rg)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-179 // 06:10:14.000
 No End Time :
 Start SCLK : 1/03497591:05:6:5

Target Body : GANYMEDE
 Target Cone/Clock : 169.03/336.59 Deg
 S/C to Body Center : 5673.809 Km (2.1540656 Rg)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1		OAPEL GUBRTLMB		SeqNo 02-	
Title	UVS GANYMEDE BRIGHT LIMB (OH)			Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	G1A	Calendar Date	06/27/96 Week 26
Start	GTE-CDS 00000007:00:0		96-179/06:22:22.267		GTE-000/00:07:04.666
End	GTE-CDS 00000002:00:0		96-179/06:27:25.600		GTE-000/00:02:01.333
Duration	00000005:00:0		000/00:05:03.333		000/00:05:03.333
Top Label	GIGUBRTLMB02-				
Bottom Label	(recorded)				
Plot Key	UVS	Type	SCI		
CDS Bytes	99	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
<p>Measure the altitude distribution of volatiles near the sub-solar point to determine the escape rates from the Jovian satellites when the atmosphere is in full solar illumination. Search for outgassing of OH (3019.9-3114.2Å) using the N-channel. 4 RIM Ganymede Bright Limb Drift observation (1 RIM target slew + 3 RIM recorded data). Target s/p to ~1000 Km off satellite limb and allow s/c motion to drift FOV onto the bright limb sub-solar point.</p> <p>UVS Configuration = N/N 1-posn 33-step on OH (3019.9Å - 3114.2Å)</p> <p>NIMS and PWS will ride-along with this observation at the 28.8 kbps record rate.</p> <p>PB Mbits = (3 RIMs)(1008+144 bps) = 0.210 Mbits</p>					
Design Detail					
CDS RIM Command Parameter					PSID
-----					----
38 001 CMDRS					(CK)
002 1	34UVS,D7,F,N,N,N,S,0,OFF, ON,OFF, ON,OFF,NOOVR,1,6F,5D,00,00				
005 4	34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00				
25 002 SCIREC	(MPW-28.8 kbps recording)				(CA)
36 002 TARGET	(2 RIM Posn_Slew)				(CK)



165CY:TT= 0 TMC= 1 C=-1033.91 XC= -7.21 BS= 0/3182 TC= 9
A= 350 pD= 0 SR=17.430 RA50= 29.12 DEC50=-32.10 cone= 90.51 clock=310.00

ARGET G1.0 brad : 2/28/1996 12:55: 7

ILE:P.G1GUBRTLMB02

ARGET BODY : GANYMEDE

INI:m.target.enc

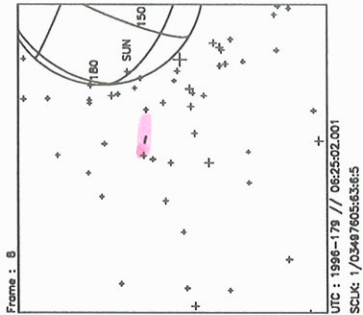
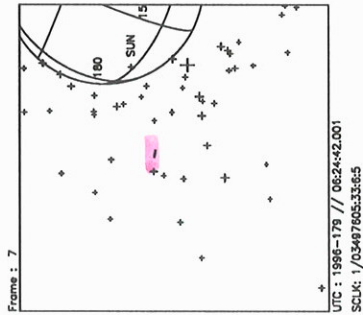
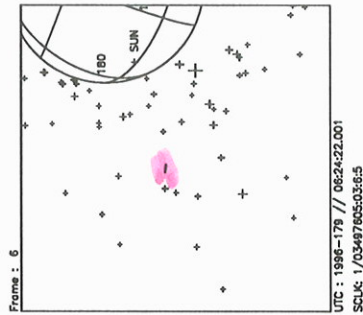
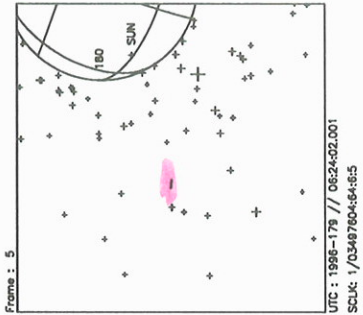
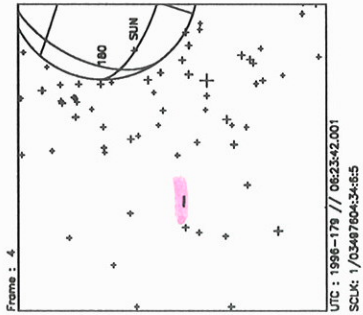
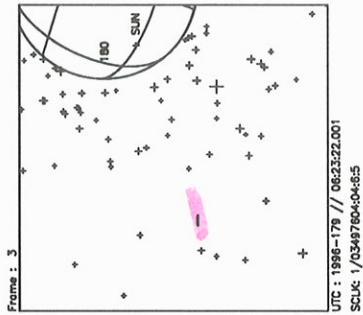
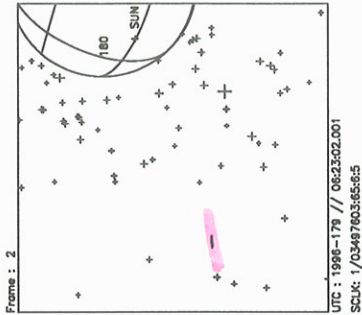
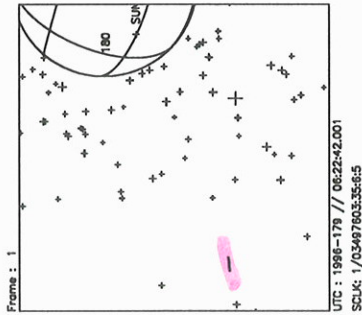
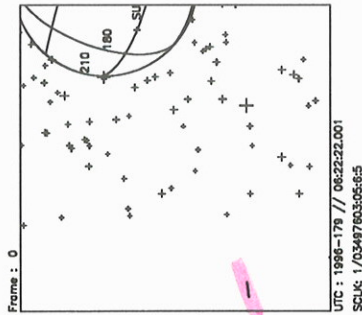
; EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 1

TART:GTE 96-179/06:29:26.933 -CDS 05:00:0

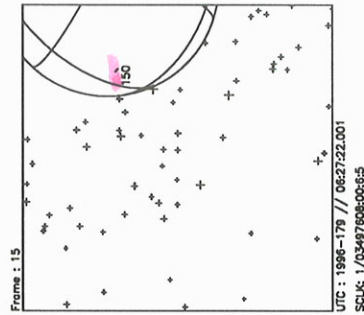
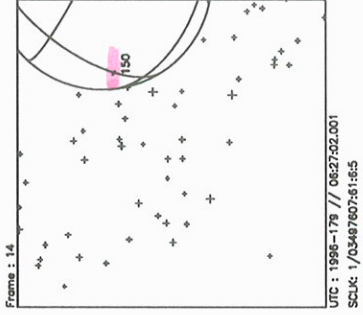
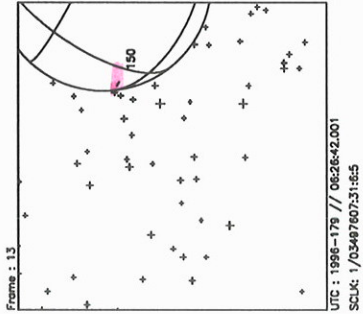
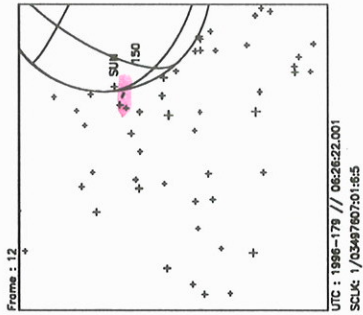
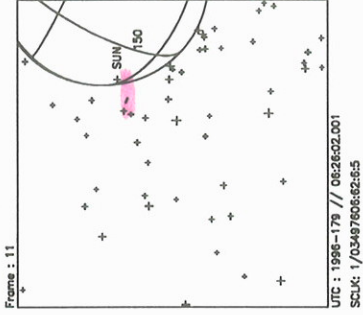
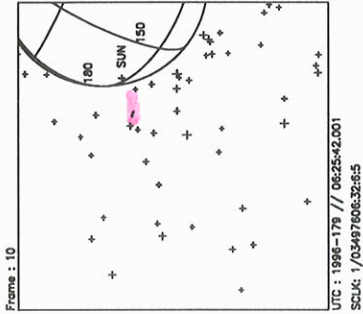
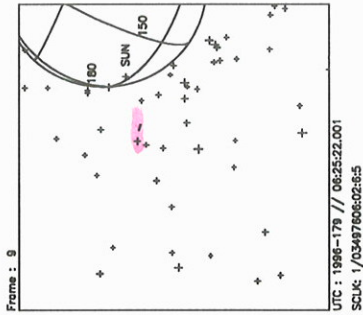
BODY PLOT TIME:96-179/06:27:25.600 D= 0 S= 0.250



Start UTC_TIME : 1996-179 // 06:22:22.000
No End Time :
Start SCLK : 1/03497603:05:6:5
Delta Time between FOV : 20.00000
FOVs : N/G Channel(0.1x1.0)

Target Body : GANYMEDE
Target Cone/Clock : 159.06/317.10 Deg
S/C to Body Center : 4630.961 Km (1.7581478 Rg)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

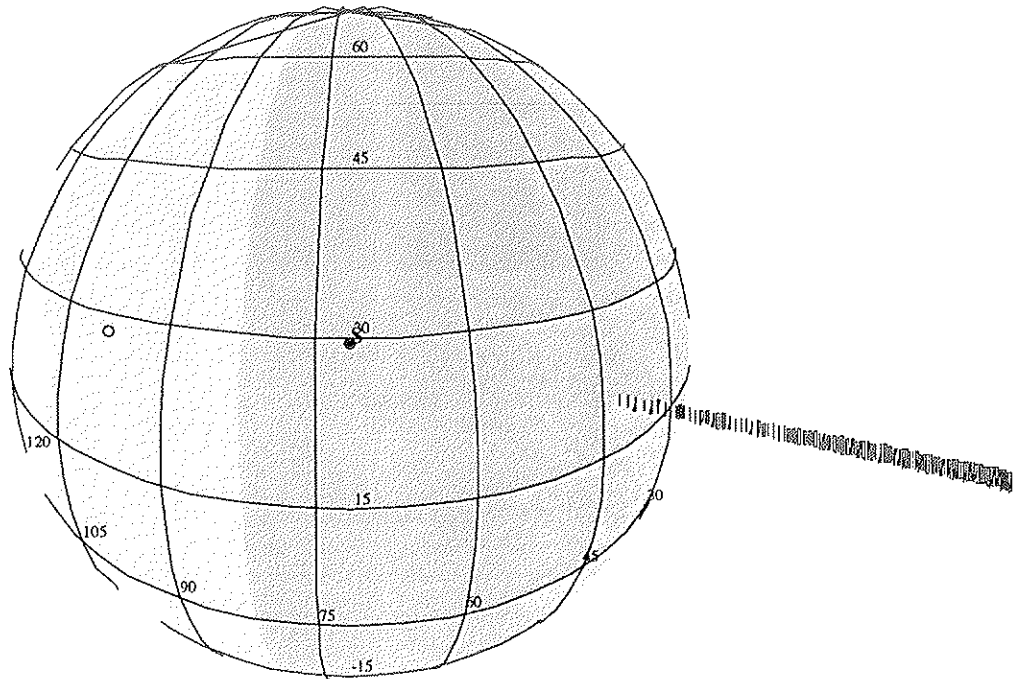
RTS @ 179//06:24 29.086 , -32.108



Start UTC.TIME : 1996-179 // 06:22:22.000
 No End Time :
 Start SCLK : 1/03497603:05:6:5
 Delta Time between FOV : 20.00000
 FOVs : N/G Channel(0.1x1.0)

Target Body : GANYMEDE
 Target Cone/Clock : 143.76/308.42 Deg
 S/C to Body Center : 3866.604 Km (1.4660351 Rg)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1		OAPEL GUDRKLMB		SeqNo 01-	
Title	UVS GANYMEDE DARK LIMB (H & O)			Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	GIA	Calendar Date	06/27/96 Week 26
Start	GTE+CDS 00000003:00:0		96-179/06:32:28.933	GTE+000/00:03:02.000	
End	GTE+CDS 00000013:00:0		96-179/06:42:35.599	GTE+000/00:13:08.666	
Duration	00000010:00:0		000/00:10:06.666	000/00:10:06.666	
Top Label	G1GUDRKLMB01-				
Bottom Label	(recorded)				
Plot Key	UVS	Type	SCI		
CDS Bytes	74	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
<div style="border: 1px solid black; padding: 5px;"> <p>Measure the altitude distribution of volatiles off the dark limb to determine the particle impact excitation emission rates from the Jovian satellites. Search for outgassing of atomic H (1216 Å) and atomic O (1304 Å). 10 RIM Ganymede Dark Limb Drift observation (2 RIM target slew + 8 RIM recorded data). Target s/p to satellite dark limb and allow s/c motion to drift the FOV to ~1 Rg off the dark limb.</p> <p>UVS Configuration = Lyman-Alpha Mini-Scans Atomic Oxygen Mini-Scans</p> <p>PB Mbits = (8 RIMs)(1008+144 bps) = 0.559 Mbits</p> </div>					
Design Detail					
CDS RIM Command	Parameter	PSID			
38 001 CMDRS		(CL)			
002 1	34UVS,D1,F,N,N,N,S,0,OFF,OFF, ON, ON,OFF,NOOVR,1,5A,45,00,00	39			
010 9	34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00				
0	SCIREC (using FPST continuous recording around c/a for recording data)				
36 002 TARGET	(2 RIM Posn_Slew)	(CL)			



165CZ:TT= 0 TMC= 1 C= 562.94 XC= 74.43 BS= 0/5002 TC= 9
 A= 364 pD= 0 SR=17.430 RA50=359.77 DEC50=-34.19 cone=113.99 clock=302.50

ARGET G1.0 brad : 2/28/1996 12:55: 7

ILE:P.G1GUDRKLMB01

ARGET BODY : GANYMEDE

INI:m.target.enc

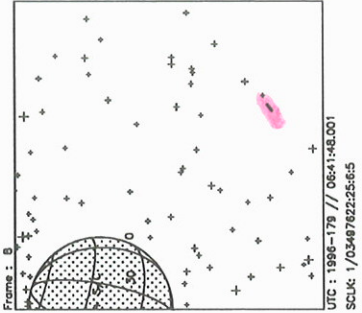
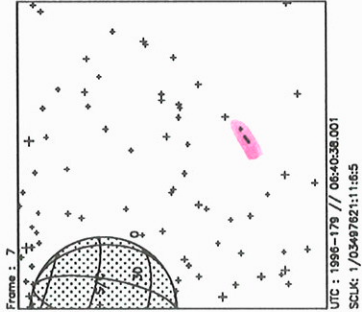
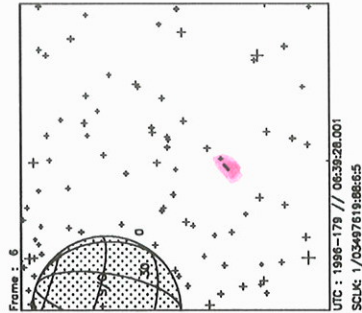
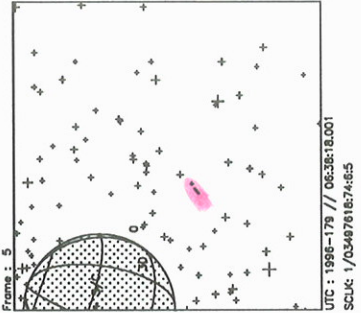
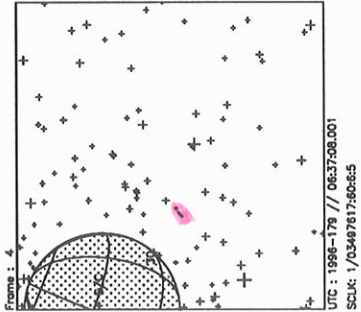
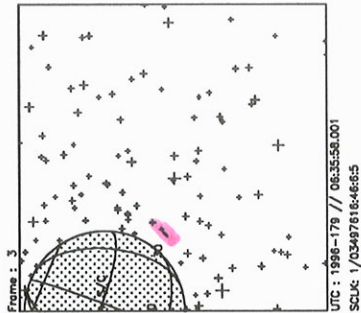
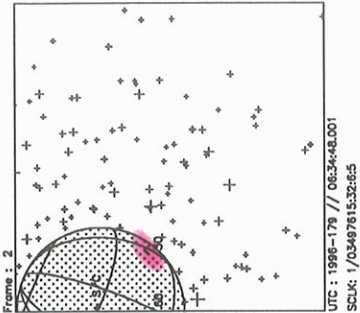
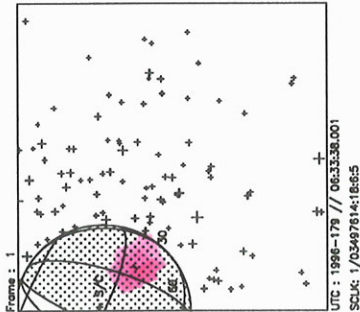
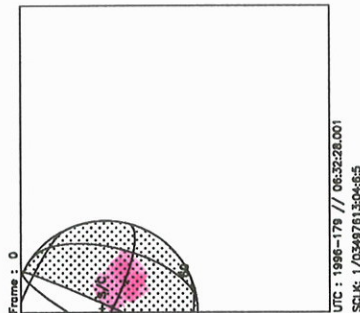
> EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 1

TART:GTE 96-179/06:29:26.933 +CDS 05:00:0

BODY PLOT TIME:96-179/06:34:26.266 D= 0 S= 0.350

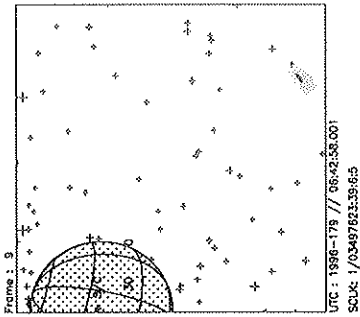


Start UTC.TIME : 1996-179 // 06:32:28.000
 No End Time :
 Start SCLK : 1/03497613:04:6:5

Target Body : GANYMEDE
 Target Cone/Clock : 93.08/299.54 Deg
 S/C to Body Center : 3808.691 Km (1.4459724 Rg)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

RTS say 179/06:34:39:

*359.758 , -34.195
 1753 , -34.195*



Start UTC_TIME : 1996-179 // 06:32:28.000
 No End Time :
 Start SCLK : 1/03497613:04:6:5

Target Body : GANYMEDE
 Target Cone/Clock : 55.17/294.48 Deg
 S/C to Body Center : 7219.671 Km (2.7409532 Rg)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID:	Orbit G1 OAPEL TUG1NPRO	SeqNo	01-
Title	UVS NOON ANSA PROFILE 1	Instrument	UVS
Requestor	UVS-MWG/S.STEPHENS 37737	Team	UVS
		Working Group	MWG

Time System	CDS	Load ID	G1A	Calendar Date	06/24/96	Week	26
Start	JEE-CDS 00004323:00:0		96-176/23:40:18.266		JEE-003/00:51:02.000		
End	JEE-CDS 00004115:00:0		96-177/03:10:36.933		JEE-002/21:20:43.333		
Duration	00000208:00:0		000/03:30:18.667		000/03:30:18.667		

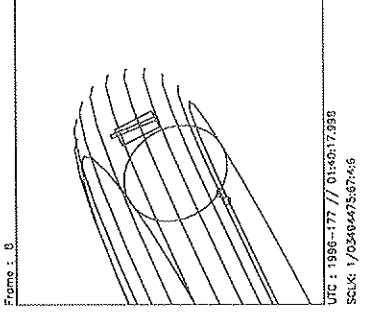
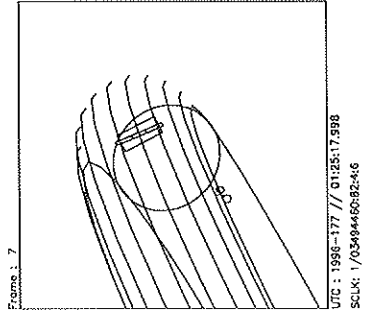
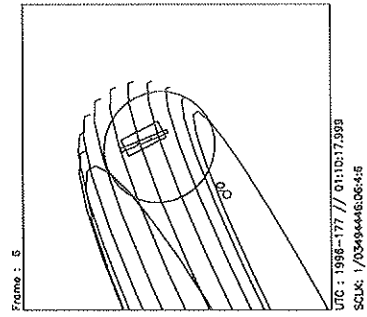
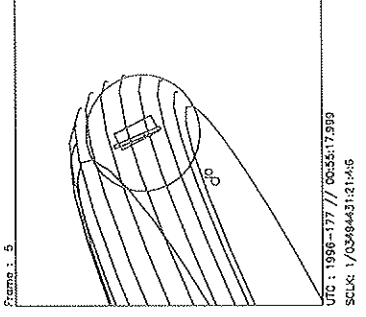
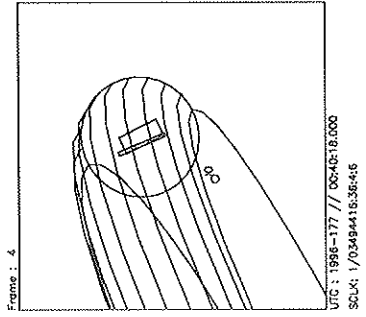
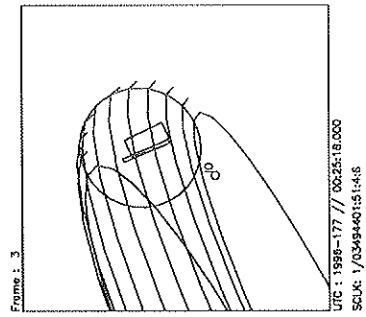
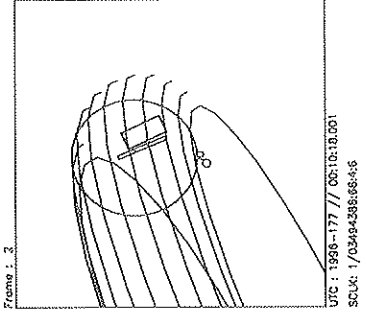
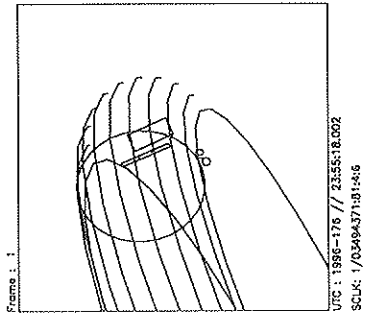
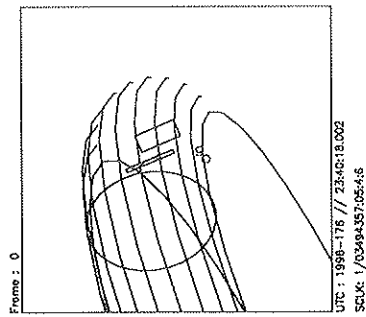
Top Label	GITUG1NPRO01-		
Bottom Label	(UVS RTS Torus)		
Plot Key	UVS	Type	SCI
CDS Bytes	214	Report Options	BOTH
CDS Source	PA	Spin State	DUAL
		Scan Platform	Yes
		DMS	No

Observation Objective

UVS IO TORUS NOON ANSA RADIAL PROFILE 1 (NO EUV):
 From: 5.27 Rj (inside ribbon) at cone > 90 (ribbon at 5.65 Rj, Sys III W Long 31)
 To: 6.01 Rj (outside ribbon) at fixed cone
 Data rate: Instrument states usually last 60 RIMS; thus, 4.87 bps UVS
 OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):
 UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD
 WAVELENGTHS (Angstroms):
 Emission lines: UVS (S+ 1259, O+ 2471)
 2POSN-22STEP F/G MINISCAN (UVS): F 2436.8-2501.0 (CTR 2470.4, STEP 275) [EVEN FRAMES],
 G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]
 2POSN-1STEP G/G MINISCAN (UVS): G 1258.2 (STEP 82) [EVEN FRAMES],
 G 1341.0 (STEP 136) [ODD FRAMES]
 Strategy for MINISCANS: No N channel until after G1 UVS-SWG Bright Limb observation
 Alternate 22STEP and 1STEP for PWS quiet

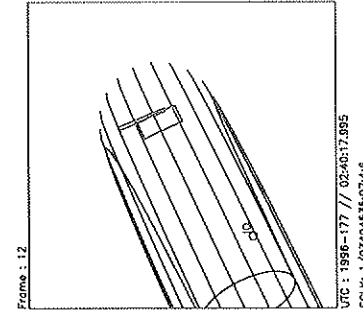
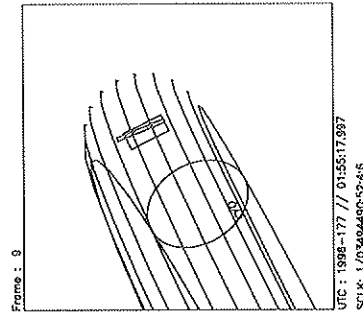
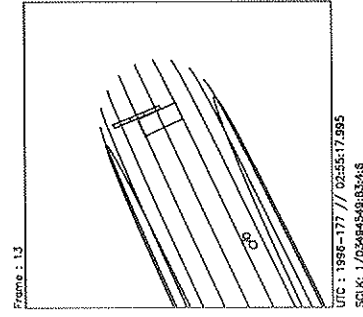
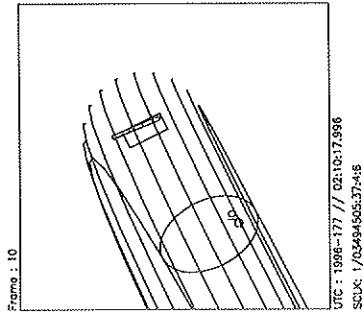
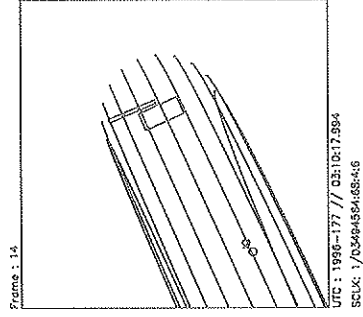
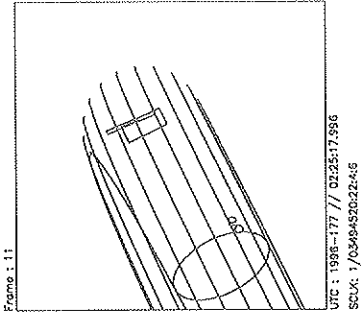
Design Detail

PSID	RIM:mf	CDS PA	Last modified
384BF	0	0	COMMENT [UVS RIM 0]
157BD	3	66	CMDRS (10+14*4) [PLAN DUR 205, EST UVS CMDS 4]
349BN	3:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BD	4	36	TARGET [CONE 103.39, CLOCK 94.13]
	4		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]
349BP	62:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	64		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]
349BR	122:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	124		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]
349BU	206:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	208		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NO, 1, 2C, 05, 00, 00 [HVOFF]



Start UTC_TIME : 1996-176 // 23:40:18.000
 No End Time :
 Start SCLK : 1/03494357:05:4:6

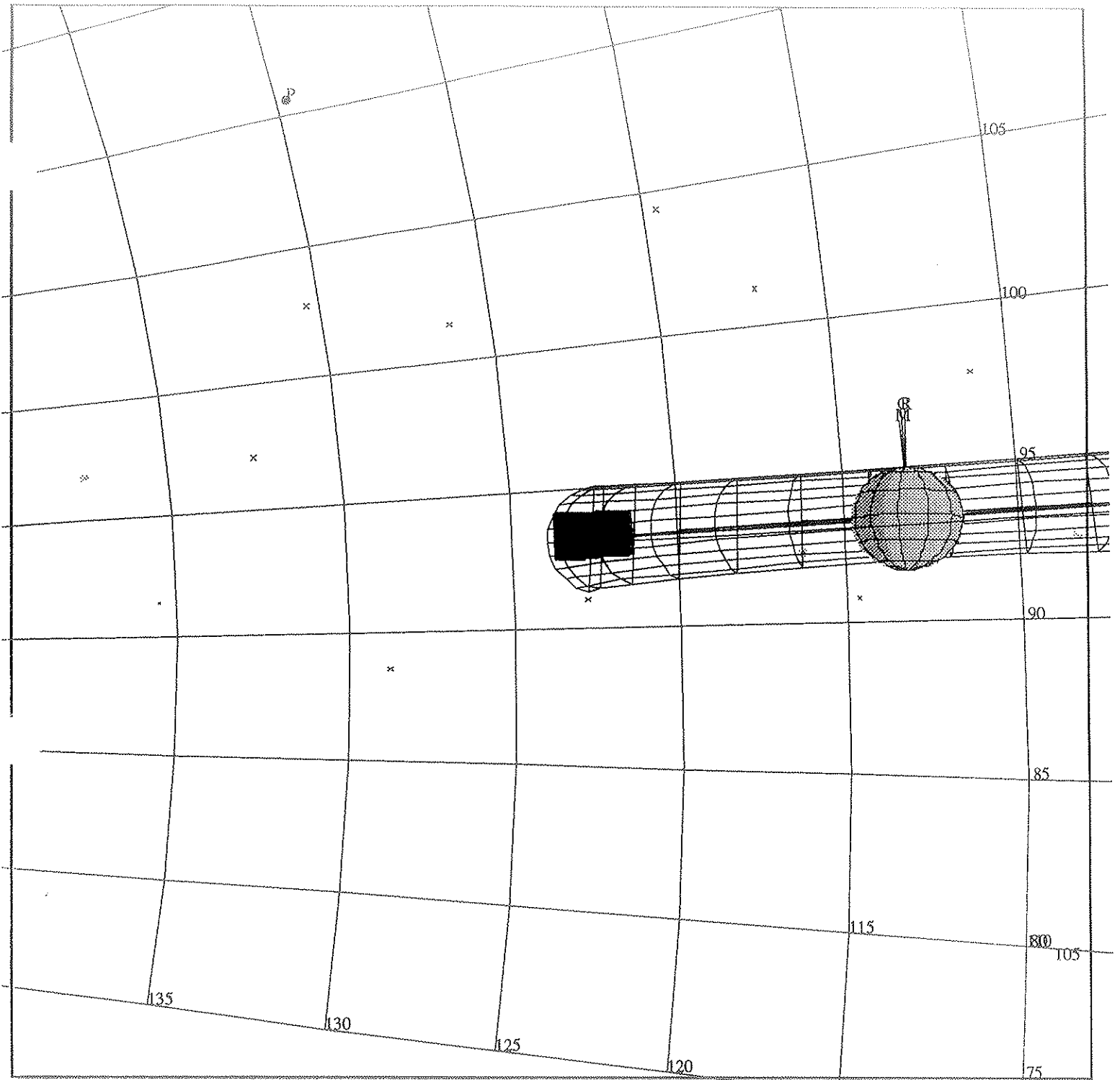
Target Body : JUPITER
 Target Cone/Clock : 111.60 / 93.36 Deg
 S/C to Body Center : 2620491. Km (36.654327 Rj)
 Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg



Target Body : JUPITER
 Target Cone/Clock : 112.58 / 93.34 Deg
 S/C to Body Center : 2560358. Km (35.813212 Rj)
 Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Start UTC_TIME : 1996-176 // 23:40:18.000
 No End Time :
 Start SCLK : 1/034949357:05:4:6

Activity ID:	Orbit G1	OAPEL TUG1MPRO	SeqNo	04-			
Title	UVS MIDNIGHT ANSA PROFILE 4		Instrument	UVS			
Requestor	UVS-MWG/S.STEPHENS 37737	Team	UVS	Working Group	MWG		
Time System	CDS	Load ID	G1A	Calendar Date	06/25/96	Week	26
Start	JEE-CDS 00004115:00:0		96-177/03:10:36.933		JEE-002/21:20:43.333		
End	JEE-CDS 00003871:00:0		96-177/07:17:19.600		JEE-002/17:14:00.666		
Duration	00000244:00:0		000/04:06:42.667		000/04:06:42.667		
Top Label	G1TUG1MPRO04-						
Bottom Label	(UVS RTS Torus)						
Plot Key	UVS	Type	SCI				
CDS Bytes	298	Report Options	BOTH		Scan Platform	Yes	
CDS Source	PA	Spin State	DUAL		DMS	No	
Observation Objective							
UVS IO TORUS MIDNIGHT ANSA RADIAL PROFILE 4 (NO EUV):							
From: 6.45 Rj (outside ribbon) at cone > 90 (ribbon at 5.74 Rj, Sys III W Long 323)							
To: 5.05 Rj (inside ribbon) at fixed cone							
Data rate: Instrument states usually last 60 RIMS; thus, 4.87 bps UVS (higher over ribbon)							
OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):							
UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD							
WAVELENGTHS (Angstroms):							
Emission lines: UVS (S+ 1259, O+ 2471)							
2POSN-22STEP F/G MINISCAN (UVS): F 2436.8-2501.0 (CTR 2470.4, STEP 275) [EVEN FRAMES],							
G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]							
2POSN-1STEP G/G MINISCAN (UVS): G 1258.2 (STEP 82) [EVEN FRAMES],							
G 1341.0 (STEP 136) [ODD FRAMES]							
Strategy for MINISCANS: Alternate 22STEP and 1STEP for PWS quiet							
Design Detail							
PSID	RIM:mf	CDS PA	Last modified 05/04/96				
384BG	0	0	COMMENT [UVS RIM 0]				
157BF	3	94	CMDRS (10+14*6) [PLAN DUR 241, EST UVS CMDS 6]				
349BV	3:69	28	UVFLUSH [6UVRT, DISCRD, UVS]				
165BE	4	36	TARGET [CONE 123.64, CLOCK 94.64]				
	4		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]				
349BX	62:69	28	UVFLUSH [6UVRT, PACKET, UVS]				
	64		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]				
349BZ	102:69	28	UVFLUSH [6UVRT, PACKET, UVS]				
	104		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]				
349MA	142:69	28	UVFLUSH [6UVRT, PACKET, UVS]				
	144		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]				
349MB	182:69	28	UVFLUSH [6UVRT, PACKET, UVS]				
	184		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]				
349MD	242:69	28	UVFLUSH [6UVRT, PACKET, UVS]				
	244		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NO, 1, 2C, 05, 00, 00 [HVOFF]				



A= 728 pD= 0 SR=17.450 RA50=223.04 DEC50=-14.42 cone=123.72 clock= 93.30

DESIGN G1.0 Jerod: 2/15/1996 14:22:42

FILE:P.G1TUG1MPRO04

CENTRAL BODY:JUPITER III

MINI:m.G1TUG1MPRO04

☉ EPH:/DATA/NAVIO/T-960110-ALL.NS

PERIAPSIS:

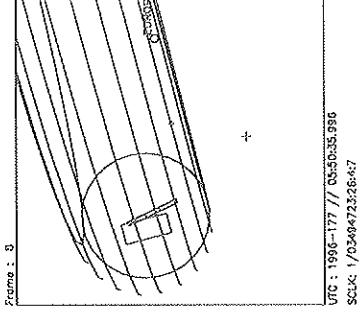
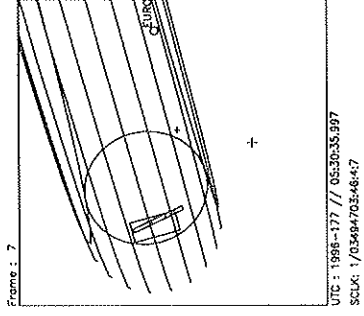
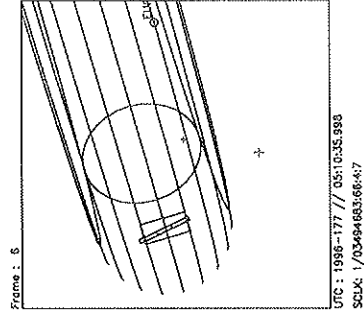
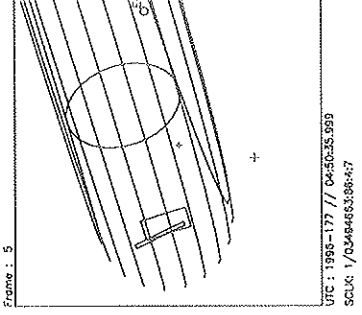
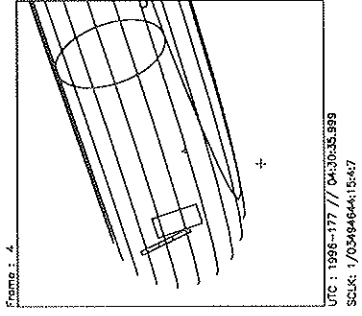
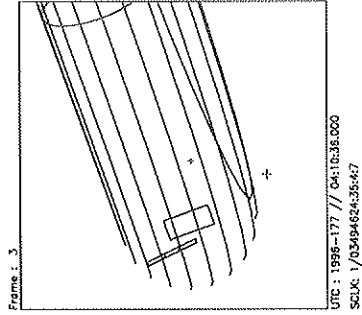
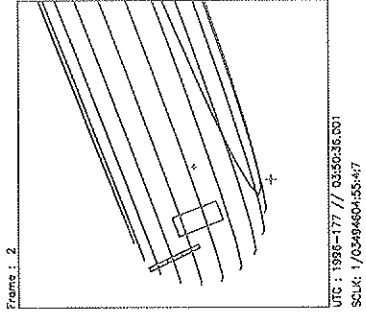
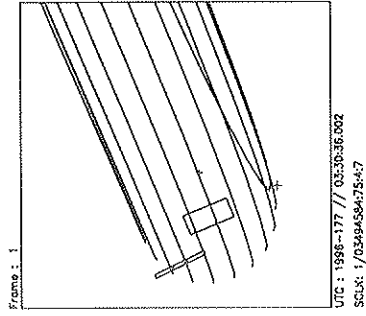
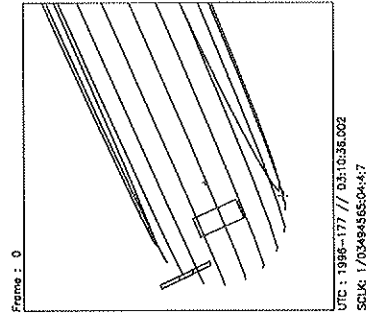
THINNING:NONE :UVS 1

START:JEE 96-180/00:31:20.266 -CDS 4111:00:0

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

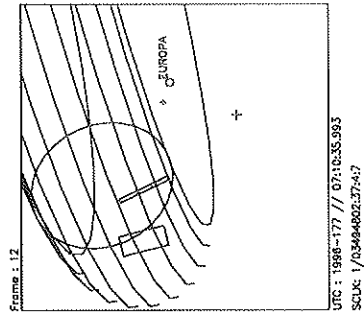
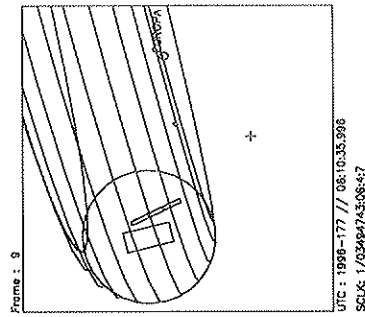
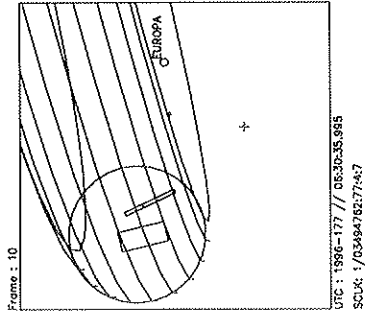
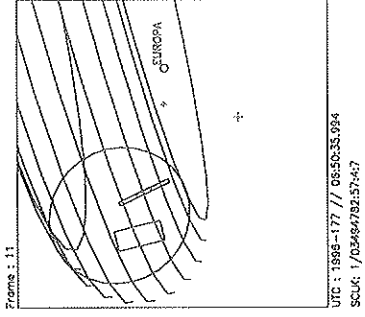
OBSERVATION:G1TUG1MPRO04

DESCRIP:Midnight Ansa Profile 4 Phase 2



Start UTC_TIME : 1996-177 // 03:10:36.000
No End Time :
Start SCLK : 1/03494565:04:4:7

Target Body : JUPITER
Target Cone/Clock : 113.15 / 93.33 Deg
S/C to Body Center : 2526611. Km (35.341176 Rj)
Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg



Target Body : JUPITER
Target Cone/Clock : 114.58 / 93.30 Deg
S/C to Body Center : 2445341. Km (34.204998 Rj)
Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Start UTC_TIME : 1996-177 // 03:10:36.000
No End Time :
Start SCLK : 1/03494565:04:4:7

Activity ID:	Orbit G1 OAPEL TUGIMPRO	SeqNo	05-
Title	UVS MIDNIGHT ANSA PROFILE 5	Instrument	UVS
Requestor	UVS-MWG/S.STEPHENS 37737	Team	UVS
		Working Group	MWG

Time System	CDS	Load ID	G1A	Calendar Date	06/25/96	Week	26
Start	JEE-CDS 00003777:00:0		96-177/08:52:22.266		JEE-002/15:38:58.000		
End	JEE-CDS 00003503:00:0		96-177/13:29:24.933		JEE-002/11:01:55.333		
Duration	00000274:00:0		000/04:37:02.667		000/04:37:02.667		

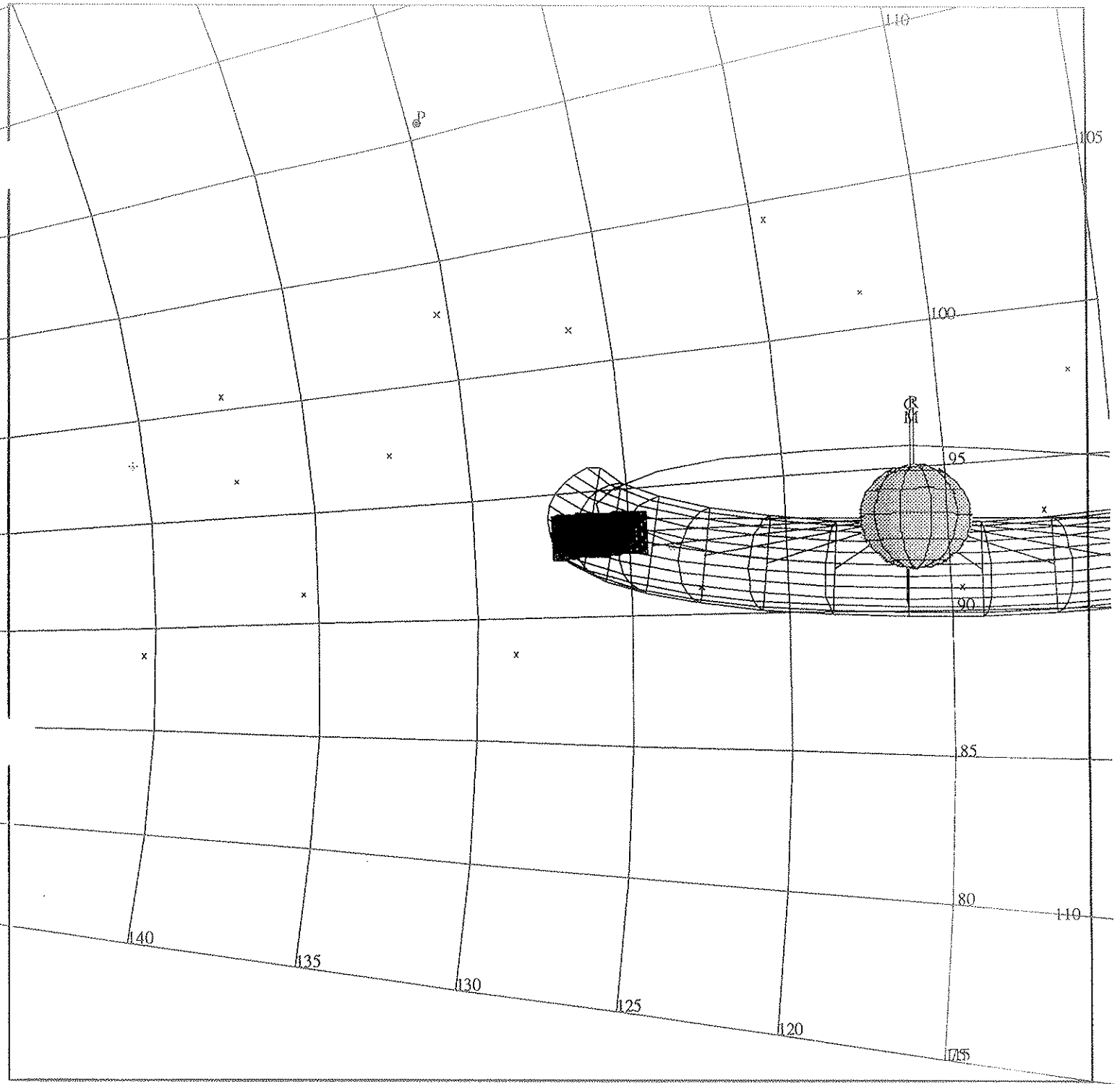
Top Label	GITUGIMPRO05-		
Bottom Label	(UVS RTS Torus)		
Plot Key	UVS	Type	SCI
CDS Bytes	298	Report Options	BOTH
CDS Source	PA	Spin State	DUAL
		Scan Platform	Yes
		DMS	No

Observation Objective

UVS IO TORUS MIDNIGHT ANSA RADIAL PROFILE 5 (NO EUV):
 From: 6.86 Rj (outside ribbon) at cone > 90 (ribbon at 6.00 Rj, Sys III W Long 174)
 To: 5.15 Rj (inside ribbon) at fixed cone
 Data rate: Instrument states usually last 60 RIMS; thus, 4.87 bps UVS (higher over ribbon)
 OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):
 UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD
 WAVELENGTHS (Angstroms):
 Emission lines: UVS (S+ 1259, O+ 2471)
 2POSN-22STEP F/G MINISCAN (UVS): F 2436.8-2501.0 (CTR 2470.4, STEP 275) [EVEN FRAMES],
 G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]
 2POSN-1STEP G/G MINISCAN (UVS): G 1258.2 (STEP 82) [EVEN FRAMES],
 G 1341.0 (STEP 136) [ODD FRAMES]
 Strategy for MINISCANS: Alternate 22STEP and 1STEP for PWS quiet

Design Detail

PSID	RIM:mf	CDS PA	Last modified
384BH	0	0	COMMENT [UVS RIM 0]
157BH	3	94	CMDRS (10+14*6) [PLAN DUR 271, EST UVS CMDS 6]
349ME	3:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BF	4	36	TARGET [CONE 127.92, CLOCK 92.65]
	4		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]
349MG	92:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	94		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]
349MI	132:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	134		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]
349MJ	172:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	174		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]
349MK	212:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	214		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]
349MN	272:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	274		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NO, 1, 2C, 05, 00, 00 [HVOFF]



A=728 pD=49140 SR=17.450 RA50=227.25 DEC50=-15.76 cone=127.46 clock=93.23

DESIGN G1.0 jerod: 2/15/1996 14:25:16

FILE:P.G1TUG1MPRO05

CENTRAL BODY:JUPITER III

MINI:m.G1TUG1MPRO05

☞ EPH:/DATA/NAVIO/T-960110-ALL.NS

PERIAPSIS:

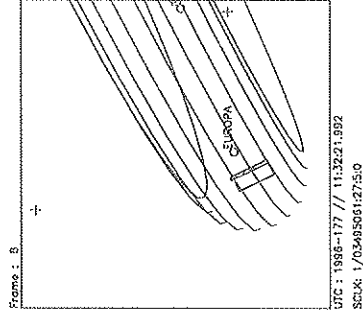
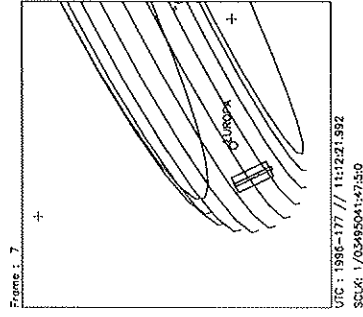
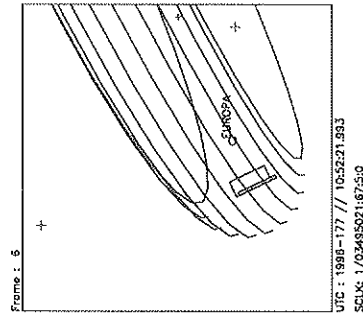
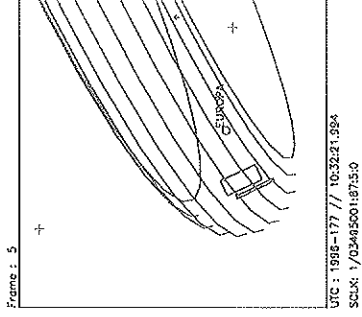
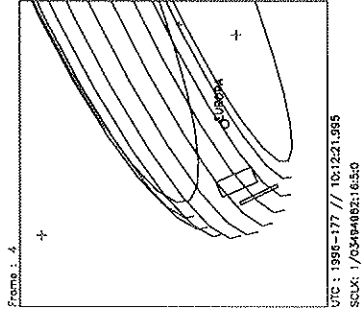
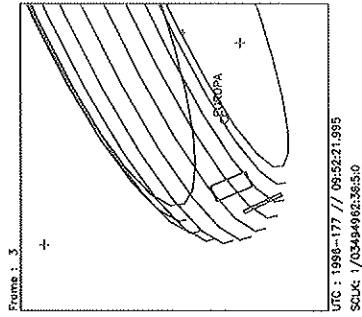
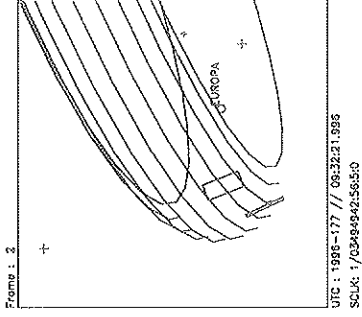
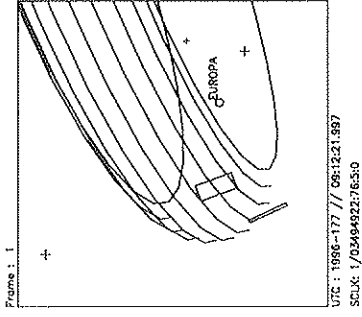
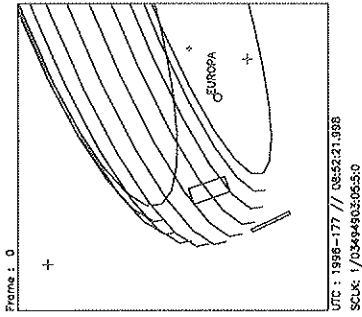
THINNING:NONE :UVS 1

START:JEE 96-180/00:31:20.266 -CDS 3773:00:0

BODY PLOT TIME:TARGET-TIME D=49140 S= 0.100

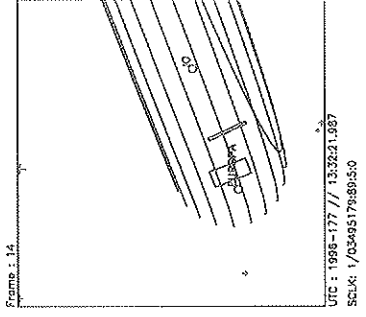
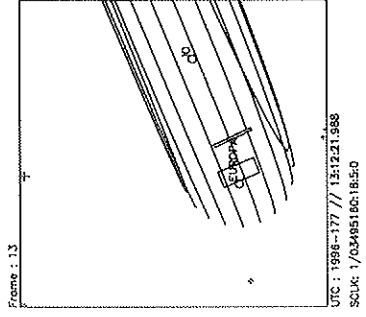
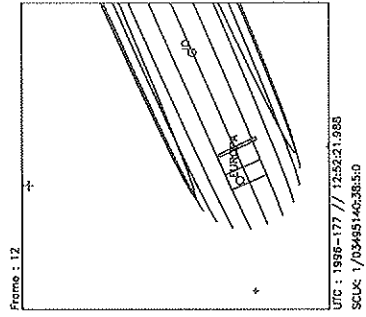
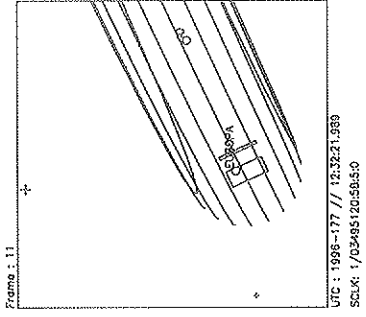
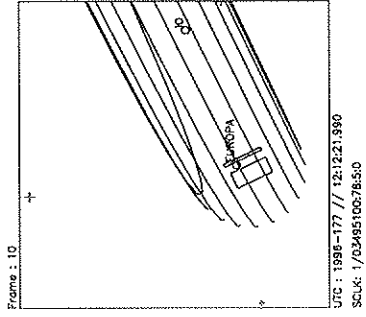
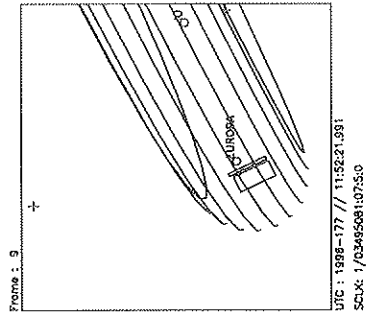
OBSERVATION:G1TUG1MPRO05

DESCRIP:Midnight Ansa Profile 5 Phase 2



Start UTC_TIME : 1996-177 // 08:52:22.000
No End Time :
Start SCLK : 1/03494903:05:5:0

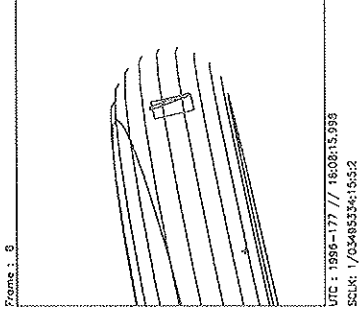
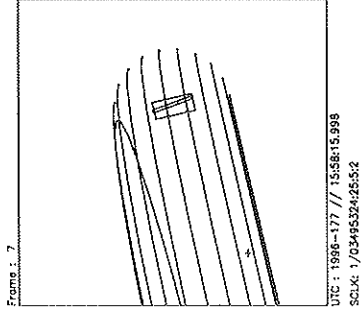
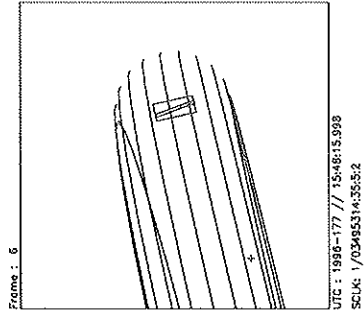
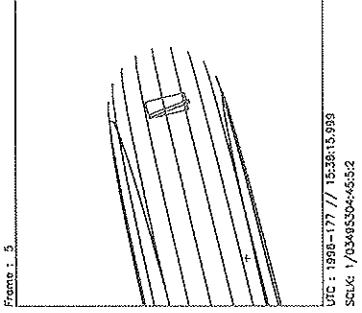
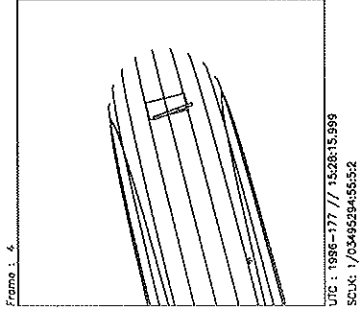
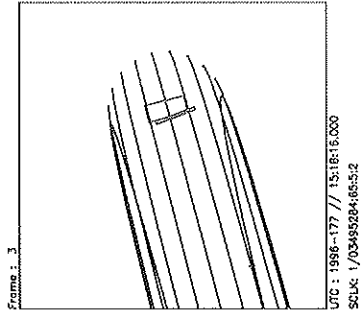
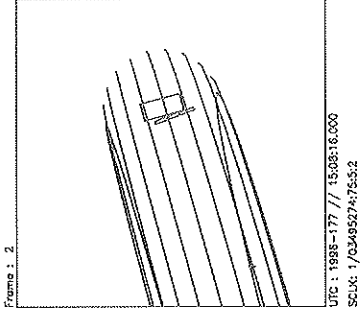
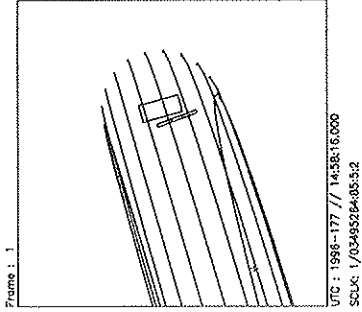
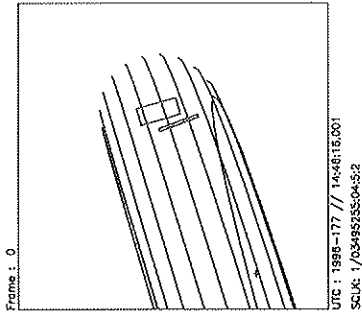
Target Body : JUPITER
Target Cone/Clock : 115.94 / 93.27 Deg
S/C to Body Center : 2371577. Km (33.172617 R_J)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-177 // 08:52:22.000
 No End Time :
 Start SCLK : 1/03494903:05:5:0

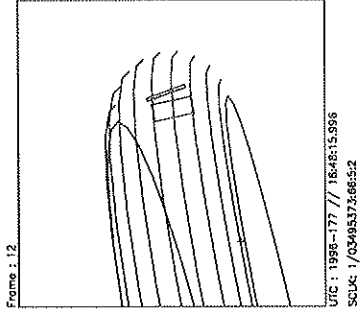
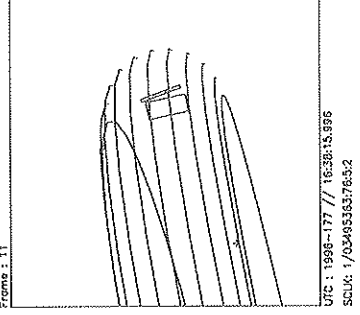
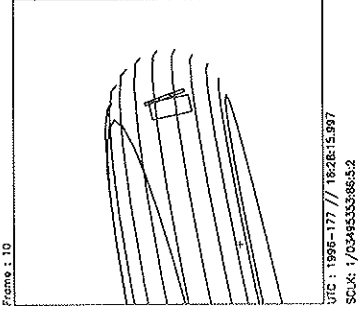
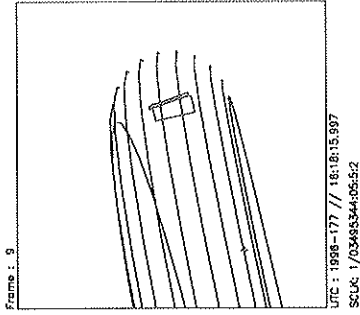
Target Body : JUPITER
 Target Cone/Clock : 117.57 / 93.23 Deg
 S/C to Body Center : 2288690. Km (32.013236 Rj)
 Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1 OAPEL TUG1NPRO		SeqNo 02-
Title	UVS NOON ANSA PROFILE 2	Instrument UVS
Requestor	UVS-MWG/S.STEPHENS 37737	Team UVS Working Group MWG
Time System	CDS	Load ID G1A Calendar Date 06/25/96 Week 26
Start	JEE-CDS 00003425:00:0	96-177/14:48:16.933 JEE-002/09:43:03.333
End	JEE-CDS 00003306:00:0	96-177/16:48:36.266 JEE-002/07:42:44.000
Duration	00000119:00:0	000/02:00:19.333 000/02:00:19.333
Top Label	G1TUG1NPRO02-	
Bottom Label	(UVS RTS Torus)	
Plot Key	UVS	Type SCI
CDS Bytes	172	Report Options BOTH Scan Platform Yes
CDS Source	PA	Spin State DUAL DMS No
Observation Objective		
UVS IO TORUS NOON ANSA RADIAL PROFILE 2 (NO EUV): From: 5.57 Rj (inside ribbon) at cone > 90 (ribbon at 5.80 Rj, Sys III W Long 184) To: 6.04 Rj (outside ribbon) at fixed cone Data rate: Instrument states usually last 60 RIMS; thus, 4.87 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (S+ 1259, O+ 2471) 2POSN-22STEP F/G MINISCAN (UVS): F 2436.8-2501.0 (CTR 2470.4, STEP 275) [EVEN FRAMES], G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES] 2POSN-1STEP G/G MINISCAN (UVS): G 1258.2 (STEP 82) [EVEN FRAMES], G 1341.0 (STEP 136) [ODD FRAMES] Strategy for MINISCANS: Alternate 22STEP and 1STEP for PWS quiet		
Design Detail		
PSID	RIM:mf CDS PA	Last modified 05/04/96
384BI	0 0 COMMENT [UVS RIM 0]	
157BJ	3 52 CMDRS (10+14*3) { PLAN DUR 116, EST UVS CMDS 3}	
349MO	3:69 28 UVFLUSH [6UVRT, DISCRD, UVS]	
165BG	4 36 TARGET [CONE 109.03, CLOCK 91.53]	
	4 34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]	
349MQ	62:69 28 UVFLUSH [6UVRT, PACKET, UVS]	
	64 34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]	
349MS	117:69 28 UVFLUSH [6UVRT, PACKET, UVS]	
	119 34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NO, 1, 2C, 05, 00, 00 [HVOFF]	



Start UTC_TIME : 1996-177 // 14:48:16.000
No End Time :
Start SCLK : 1/03495255:04:5:2

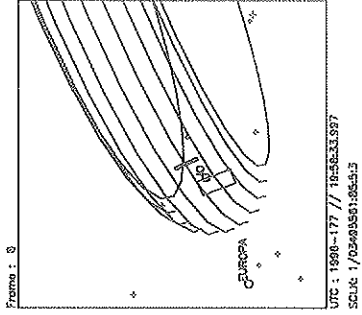
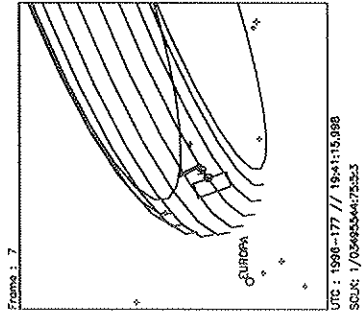
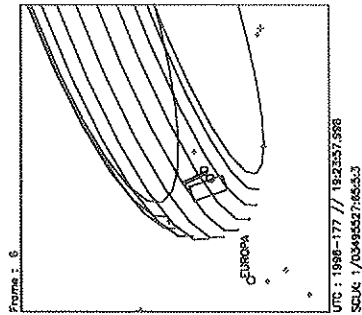
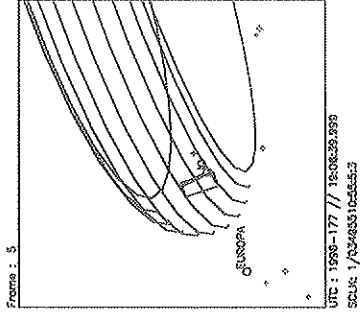
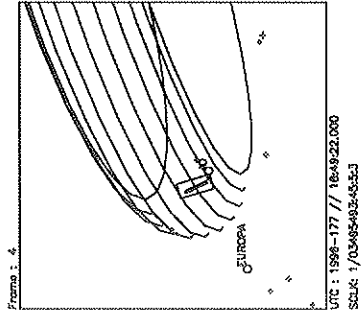
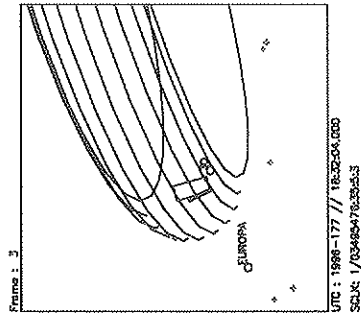
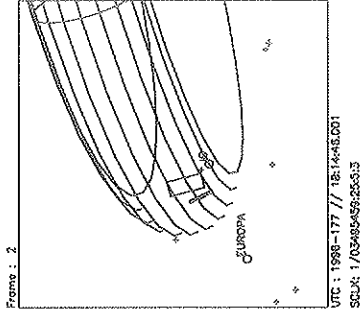
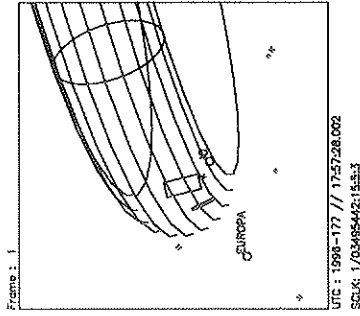
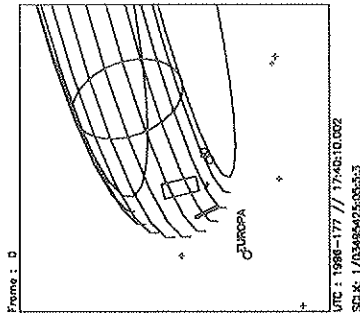
Target Body : JUPITER
Target Cone/Clock : 119.27 / 93.19 Deg
S/C to Body Center : 2206874. Km (30.868829 RI)
Z-axis Pointing (Rc / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-177 // 14:48:16.000
No End Time :
Start SCLK : 1/03495255:04:5:2

Target Body : JUPITER
Target Cone/Clock : 120.19 / 93.17 Deg
S/C to Body Center : 2164704. Km (30.278973 Ri)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

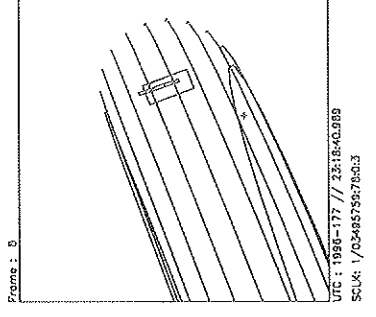
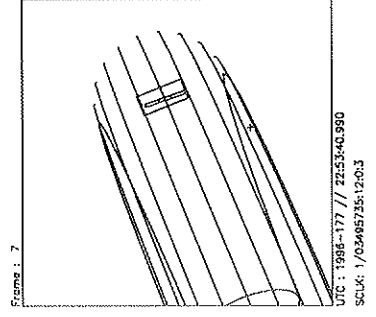
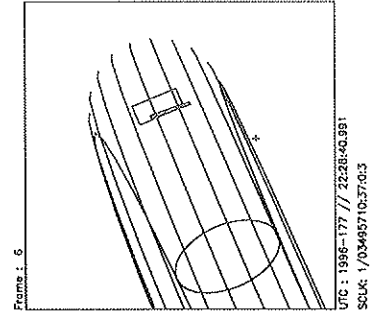
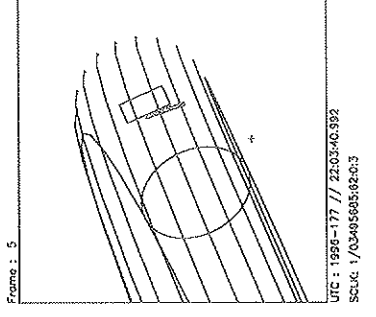
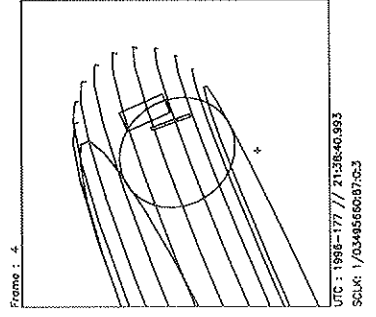
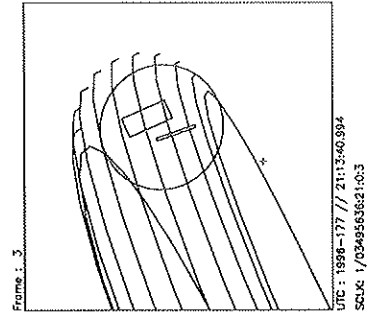
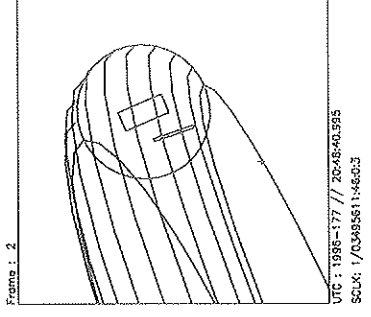
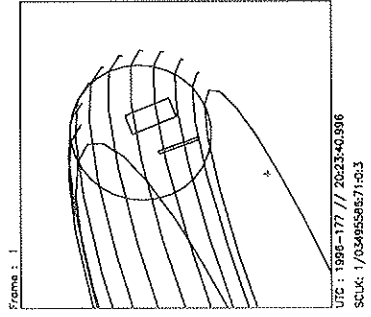
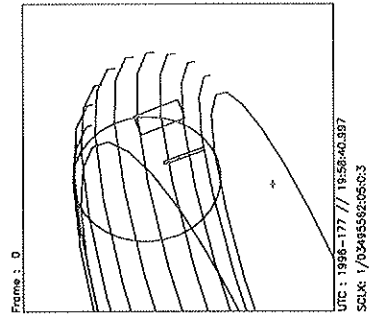
Activity ID: Orbit G1 OAPEL TUG1MPRO		SeqNo 06-
Title	UVS MIDNIGHT ANSA PROFILE 6	Instrument UVS
Requestor	UVS-MWG/S.STEPHENS 37737	Team UVS
		Working Group MWG
Time System CDS	Load ID G1A	Calendar Date 06/25/96
		Week 26
Start	JEE-CDS 00003255:00:0	96-177/17:40:10.266
		JEE-002/06:51:10.000
End	JEE-CDS 00003118:00:0	96-177/19:58:41.600
		JEE-002/04:32:38.666
Duration	00000137:00:0	000/02:18:31.334
		000/02:18:31.334
Top Label	G1TUG1MPRO06-	
Bottom Label	(UVS RTS Torus)	
Plot Key	UVS	Type SCI
CDS Bytes	172	Report Options BOTH
		Scan Platform Yes
CDS Source	PA	Spin State DUAL
		DMS No
Observation Objective		
UVS IO TORUS MIDNIGHT ANSA RADIAL PROFILE 6 (NO EUV): From: 6.42 Rj (outside ribbon) at cone > 90 (ribbon at 5.96 Rj, Sys III W Long 87) To: 5.50 Rj (inside ribbon) at fixed cone Data rate: Instrument states usually last 60 RIMS; thus, 4.87 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (S+ 1259, O+ 2471) 2POSN-22STEP F/G MINISCAN (UVS): F 2436.8-2501.0 (CTR 2470.4, STEP 275) [EVEN FRAMES], G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES] 2POSN-1STEP G/G MINISCAN (UVS): G 1258.2 (STEP 82) [EVEN FRAMES], G 1341.0 (STEP 136) [ODD FRAMES] Strategy for MINISCANS: Alternate 22STEP and 1STEP for PWS quiet		
Design Detail		
PSID	RIM:mf	CDS PA
		Last modified 05/04/96
384BJ	0	0 COMMENT [UVS RIM 0]
157BK	3	52 CMDRS (10+14*3) [PLAN DUR 134, EST UVS CMDS 3]
349MT	3:69	28 UVFLUSH [6UVRT, DISCRD, UVS]
165BH	4	36 TARGET [CONE 133.52, CLOCK 94.85]
	4	34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,7E,05,00,36 [1STEP G/G]
349MV	75:69	28 UVFLUSH [6UVRT, PACKET, UVS]
	77	34UVS,D3,F,N,N,N,S,0,ON,OFF,ON,ON,OFF,NO,1,08,4D,00,6A [22STEP F/G]
349MX	135:69	28 UVFLUSH [6UVRT, PACKET, UVS]
	137	34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]



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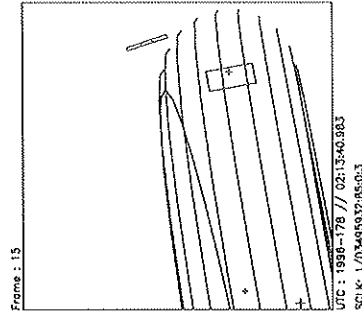
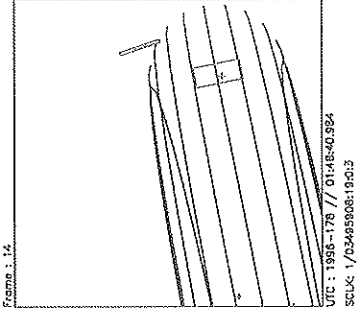
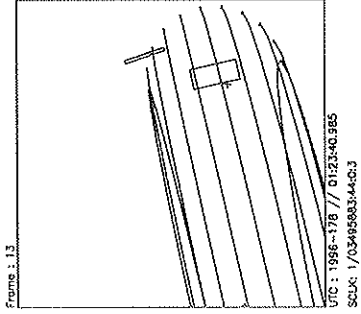
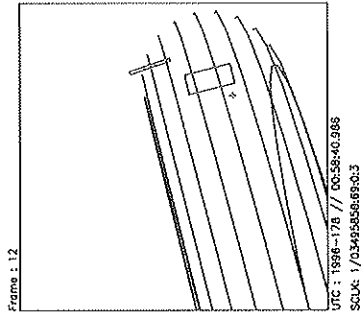
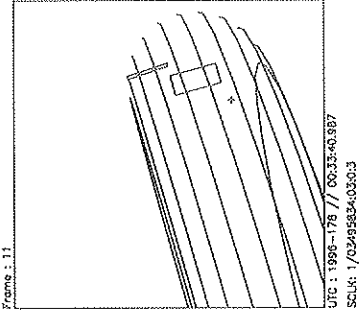
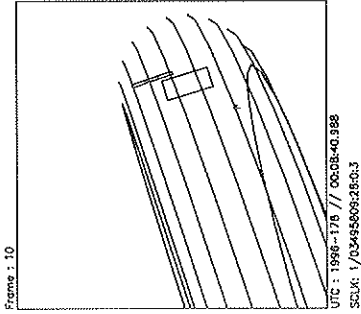
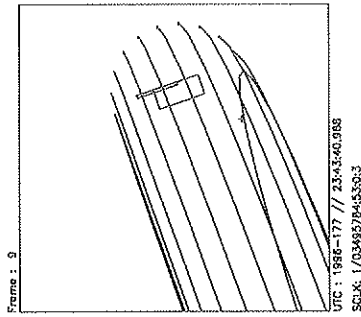
Target Body : JUPITER
 Target Cone/Clock : 121.06 / 93.15 Deg
 S/C to Body Center : 2126151. Km (29.739705 Rj)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1 OAPEL TUG1NPRO		SeqNo 03-
Title	UVS NOON ANSA PROFILE 3	Instrument UVS
Requestor	UVS-MWG/S.STEPHENS 37737	Team UVS Working Group MWG
Time System CDS	Load ID G1A	Calendar Date 06/25/96 Week 26
Start	JEE-CDS 00003118:00:0 96-177/19:58:41.600	JEE-002/04:32:38.666
End	JEE-CDS 00002754:00:0 96-178/02:06:44.266	JEE-001/22:24:36.000
Duration	00000364:00:0 000/06:08:02.666	000/06:08:02.666
Top Label	GITUG1NPRO03-	
Bottom Label	(UVS RTS Torus)	
Plot Key	UVS	Type SCI
CDS Bytes	382	Report Options BOTH Scan Platform Yes
CDS Source	PA	Spin State DUAL DMS No
Observation Objective		
UVS IO TORUS NOON ANSA RADIAL PROFILE 3 (NO EUV): From: 4.91 Rj (inside ribbon) at cone > 90 (ribbon at 5.74 Rj, Sys III W Long 85) To: 6.55 Rj (outside ribbon) at fixed cone Data rate: Instrument states usually last 60 RIMS; thus, 4.87 bps UVS (higher over ribbon) OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (S+ 1259, O+ 2471) 2POSN-22STEP F/G MINISCAN (UVS): F 2436.8-2501.0 (CTR 2470.4, STEP 275) [EVEN FRAMES], G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES] 2POSN-1STEP G/G MINISCAN (UVS): G 1258.2 (STEP 82) [EVEN FRAMES], G 1341.0 (STEP 136) [ODD FRAMES] Strategy for MINISCANS: Alternate 22STEP and 1STEP for PWS quiet		
Design Detail		
PSID	RIM:mf CDS PA	Last modified 05/04/96
384BK	0 0 COMMENT [UVS RIM 0]	
157BL	3 122 CMDRS (10+14*8) [PLAN DUR 361, EST UVS CMDS 8]	
349MZ	3:69 28 UVFLUSH [6UVRT, DISCRD, UVS]	
165BI	4 36 TARGET [CONE 112.85, CLOCK 93.20]	
	4 34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]	
349NB	62:69 28 UVFLUSH [6UVRT, PACKET, UVS]	
	64 34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]	
349ND	122:69 28 UVFLUSH [6UVRT, PACKET, UVS]	
	124 34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]	
349NF	162:69 28 UVFLUSH [6UVRT, PACKET, UVS]	
	164 34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]	
349NG	202:69 28 UVFLUSH [6UVRT, PACKET, UVS]	
	204 34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]	
349NH	242:69 28 UVFLUSH [6UVRT, PACKET, UVS]	
	244 34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]	
349NJ	302:69 28 UVFLUSH [6UVRT, PACKET, UVS]	
	304 34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]	
349NL	362:69 28 UVFLUSH [6UVRT, PACKET, UVS]	



Target Body : JUPITER
 Target Cone/Clock : 122.61 / 93.11 Deg
 S/C to Body Center : 2060567. Km (28.822341 Ri)
 Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Start UTC_TIME : 1996-177 // 19:58:41.000
 No End Time :
 Start SCLK : 1/03495562:05:0:3



Start UTC_TIME : 1996-177 // 19:58:41.000
No End Time :
Start SCLK : 1/03495562:05:0.3

Target Body : JUPITER
Target Cone/Clock : 125.35 / 93.04 Deg
S/C to Body Center : 1953064. Km (27.318630 Ri)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1	OAPEL TUG1NPRO	SeqNo 41-
Title	UVS NOON ANSA PROFILE 4-1	Instrument UVS
Requestor	UVS-MWG/S.STEPHENS 37737	Team UVS
		Working Group MWG

Time System CDS	Load ID G1A	Calendar Date 06/26/96	Week 26
Start	JEE-CDS 00002754:00:0	96-178/02:06:44.266	JEE-001/22:24:36.000
End	JEE-CDS 00002630:00:0	96-178/04:12:06.933	JEE-001/20:19:13.333
Duration	00000124:00:0	000/02:05:22.667	000/02:05:22.667

Top Label	G1TUG1NPRO41-		
Bottom Label	(UVS RTS Torus)		
Plot Key	UVS	Type	SCI
CDS Bytes	172	Report Options	BOTH
CDS Source	PA	Spin State	DUAL
		Scan Platform	Yes
		DMS	No

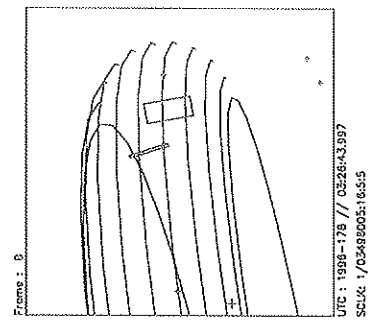
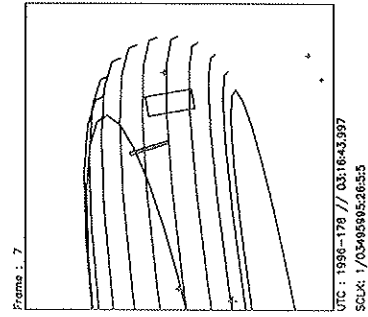
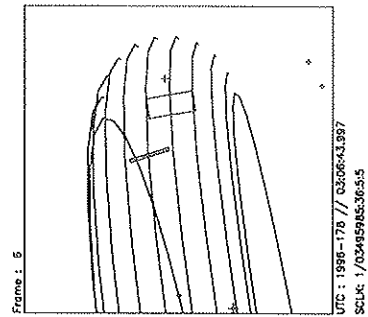
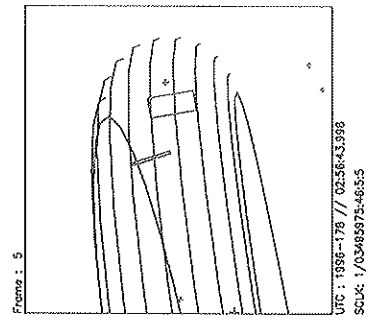
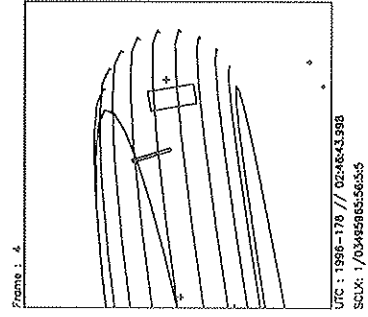
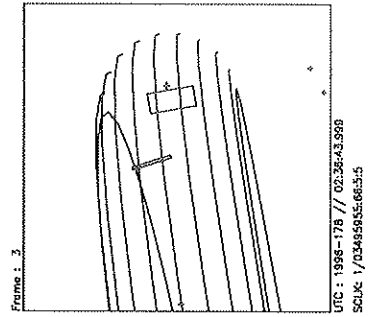
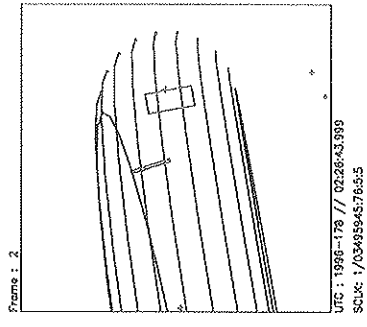
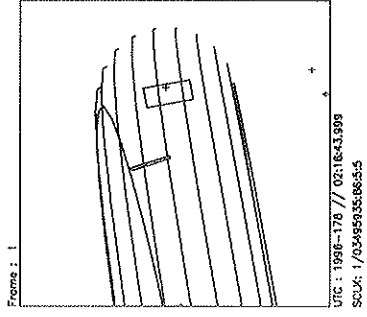
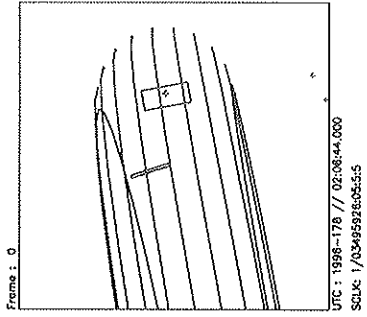
Observation Objective

UVS IO TORUS NOON ANSA RADIAL PROFILE 4 (PART 1) (NO EUV):
 From: 4.76 Rj (inside ribbon) at cone > 90 (ribbon at 5.63 Rj, Sys III W Long 290)
 To: 5.37 Rj at fixed cone
 Data rate: Instrument states last 60 RIMS; thus, 4.87 bps UVS
 OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):
 UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD
 WAVELENGTHS (Angstroms):
 Emission lines: UVS (S+ 1259, O+ 2471)
 2POSN-22STEP F/G MINISCAN (UVS): F 2436.8-2501.0 (CTR 2470.4, STEP 275) [EVEN FRAMES],
 G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]
 2POSN-1STEP G/G MINISCAN (UVS): G 1258.2 (STEP 82) [EVEN FRAMES],
 G 1341.0 (STEP 136) [ODD FRAMES]
 Strategy for MINISCANS: Alternate 22STEP and 1STEP for PWS quiet

Design Detail

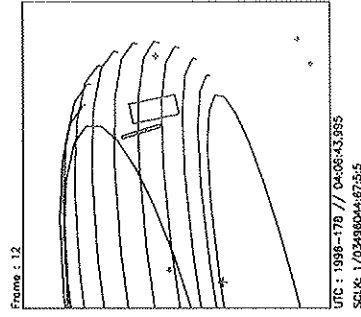
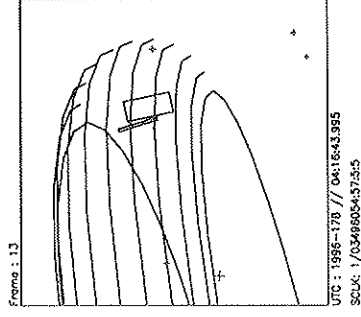
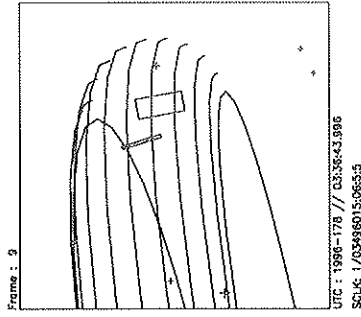
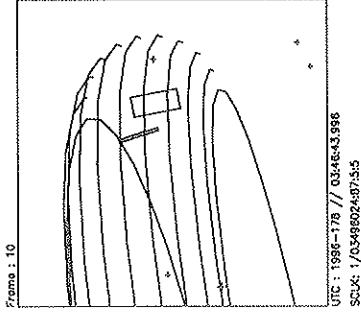
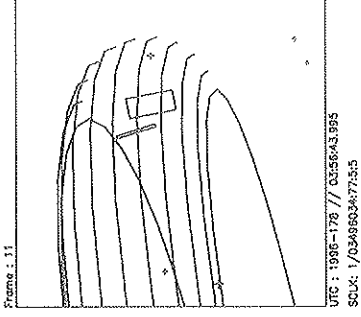
PSID	RIM:mf	CDS PA	Last modified 05/04/96
384BL	0	0	COMMENT [UVS RIM 0]
157BN	3	52	CMDRS (10+14*3) { PLAN DUR 121, EST UVS CMDS 3}
349NM	3:69	28	UVFLUSH [6UVRT, DISCRD, UVS]
165BJ	4	36	TARGET [CONE 116.92, CLOCK 92.29]
	4		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]
349NO	62:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	64		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]
349NQ	122:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	124		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NO, 1, 2C, 05, 00, 00 [HVOFF]

04
07



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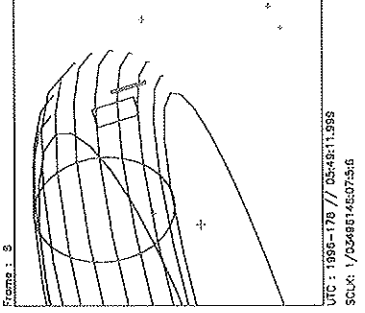
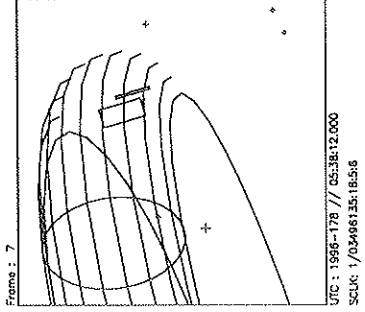
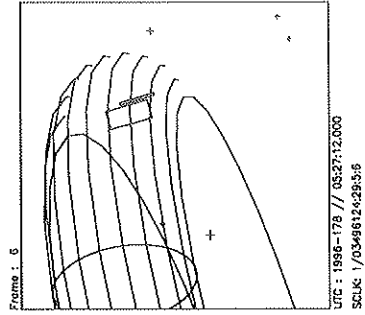
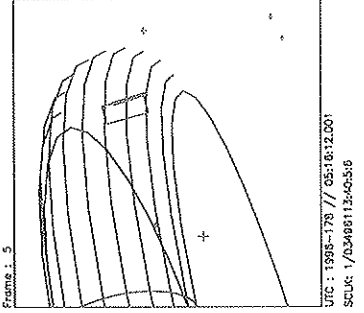
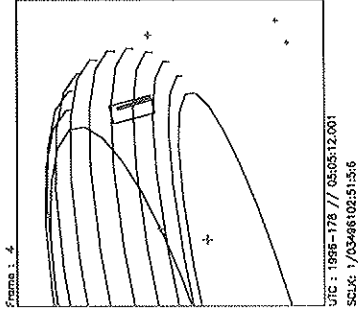
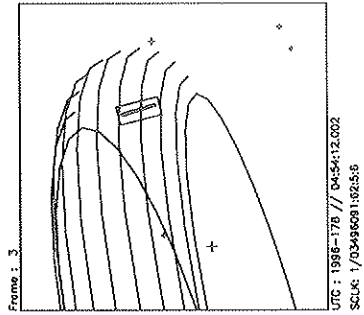
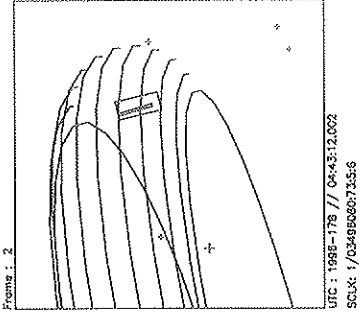
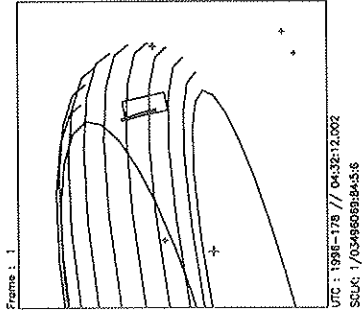
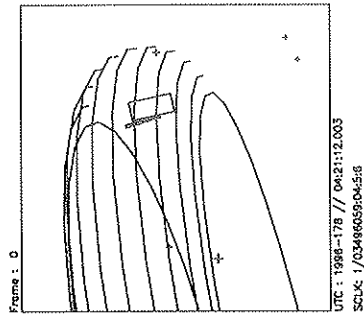
Target Body : JUPITER
Target Cone/Clock : 127.25 / 92.99 Deg
S/C to Body Center : 1884137. Km (26.354509 Rj)
Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-178 // 02:06:44.000
No End Time :
Start SCLK : 1/03495926:05:5:5

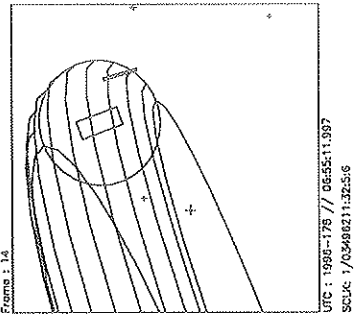
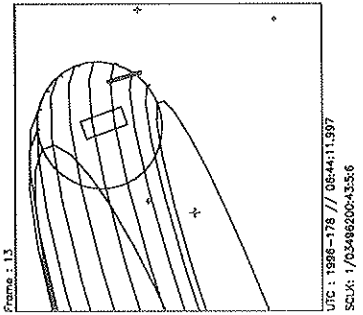
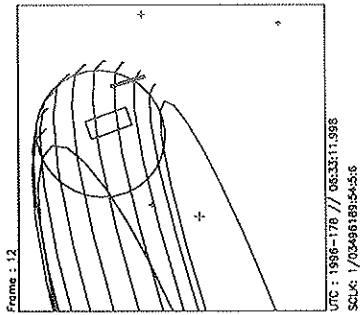
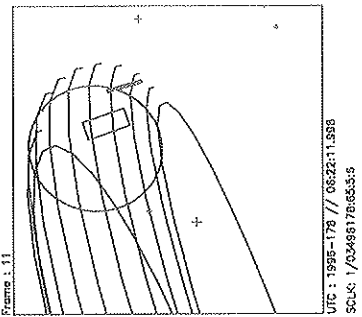
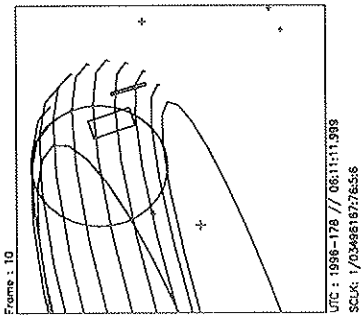
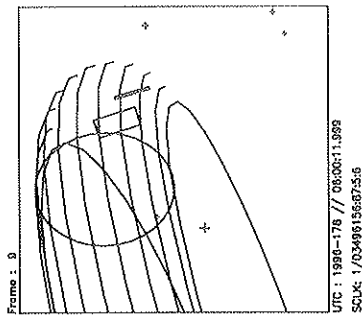
Target Body : JUPITER
Target Cone/Clock : 128.52 / 92.96 Deg
S/C to Body Center : 1840564. Km (25.745035 Ri)
Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1 OAPEL TUG1NPRO		SeqNo 42-
Title	UVS NOON ANSA PROFILE 4-2	Instrument UVS
Requestor	UVS-MWG/S.STEPHENS 37737	Team UVS
		Working Group MWG
Time System CDS	Load ID G1A	Calendar Date 06/26/96
		Week 26
Start	JEE-CDS 00002621:00:0	96-178/04:21:12.933
		JEE-001/20:10:07.333
End	JEE-CDS 00002464:00:0	96-178/06:59:57.600
		JEE-001/17:31:22.666
Duration	00000157:00:0	000/02:38:44.667
		000/02:38:44.667
Top Label	G1TUG1NPRO42-	
Bottom Label	(UVS RTS Torus)	
Plot Key	UVS	Type SCI
CDS Bytes	172	Report Options BOTH
		Scan Platform Yes
CDS Source	PA	Spin State DUAL
		DMS No
Observation Objective		
UVS IO TORUS NOON ANSA RADIAL PROFILE 4 (PART 2) (NO EUV): From: 5.43 Rj at cone > 90 (ribbon at 5.63 Rj, Sys III W Long 290) To: 6.19 Rj (outside ribbon) at fixed cone Data rate: Instrument states usually last 60 RIMS; thus, 4.87 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (S+ 1259, O+ 2471) 2POSN-22STEP F/G MINISCAN (UVS): F 2436.8-2501.0 (CTR 2470.4, STEP 275) [EVEN FRAMES], G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES] 2POSN-1STEP G/G MINISCAN (UVS): G 1258.2 (STEP 82) [EVEN FRAMES], G 1341.0 (STEP 136) [ODD FRAMES] Strategy for MINISCANS: Alternate 22STEP and 1STEP for PWS quiet		
Design Detail		
PSID	RIM:mf	CDS PA
		Last modified 05/04/96
384BM	0	0 COMMENT [UVS RIM 0]
157BO	3	52 CMDRS (10+14*3) [PLAN DUR 154, EST UVS CMDS 3]
349NR	3:69	28 UVFLUSH [6UVRT, DISCRD, UVS]
165BK	4	36 TARGET [CONE 116.92, CLOCK 92.29]
	4	34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]
349NT	62:69	28 UVFLUSH [6UVRT, PACKET, UVS]
	64	34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]
349NV	155:69	28 UVFLUSH [6UVRT, PACKET, UVS]
	157	34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NO, 1, 2C, 05, 00, 00 [HVOFF]



Start UTC_TIME : 1996-178 // 04:21:12.000
No End Time :
Start SCLK : 1/03496059:04:5:6

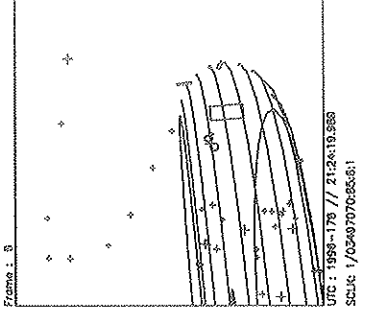
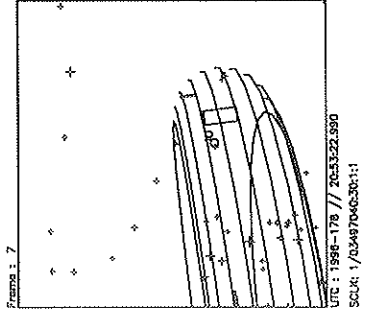
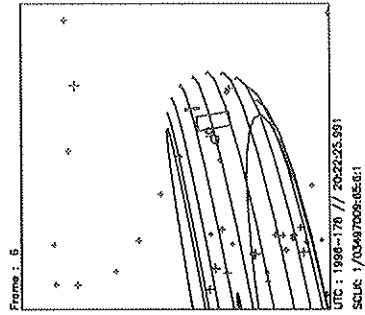
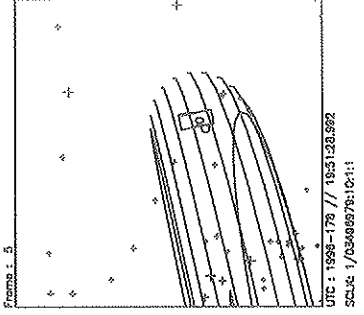
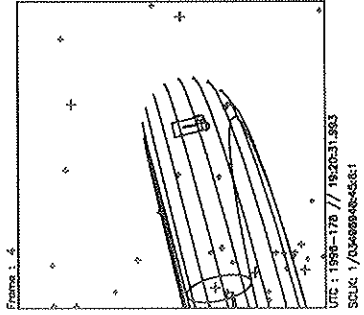
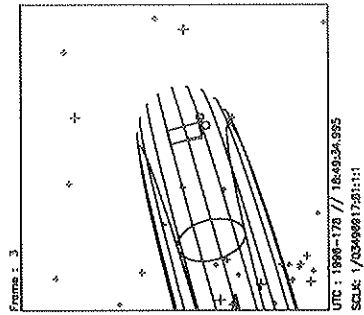
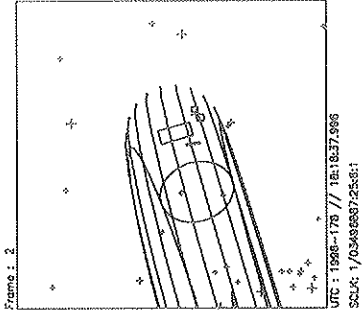
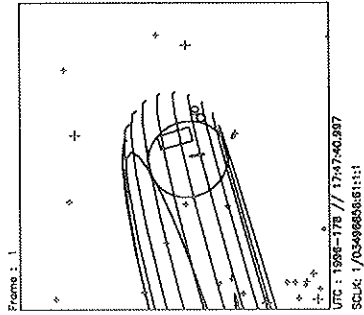
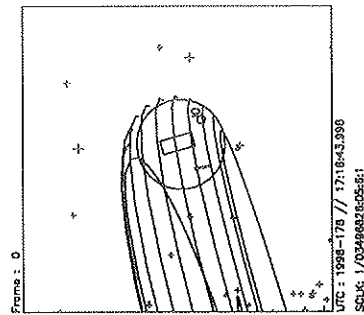
Target Body : JUPITER
Target Cone/Clock : 129.17 / 92.94 Deg
S/C to Body Center : 1818982. Km (25.443155 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-178 // 04:21:12.000
No End Time :
Start SCLK : 1/03496059:04:5:6

Target Body : JUPITER
Target Cone/Clock : 130.68 / 92.89 Deg
S/C to Body Center : 1770817. Km (24.769438 Ri)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

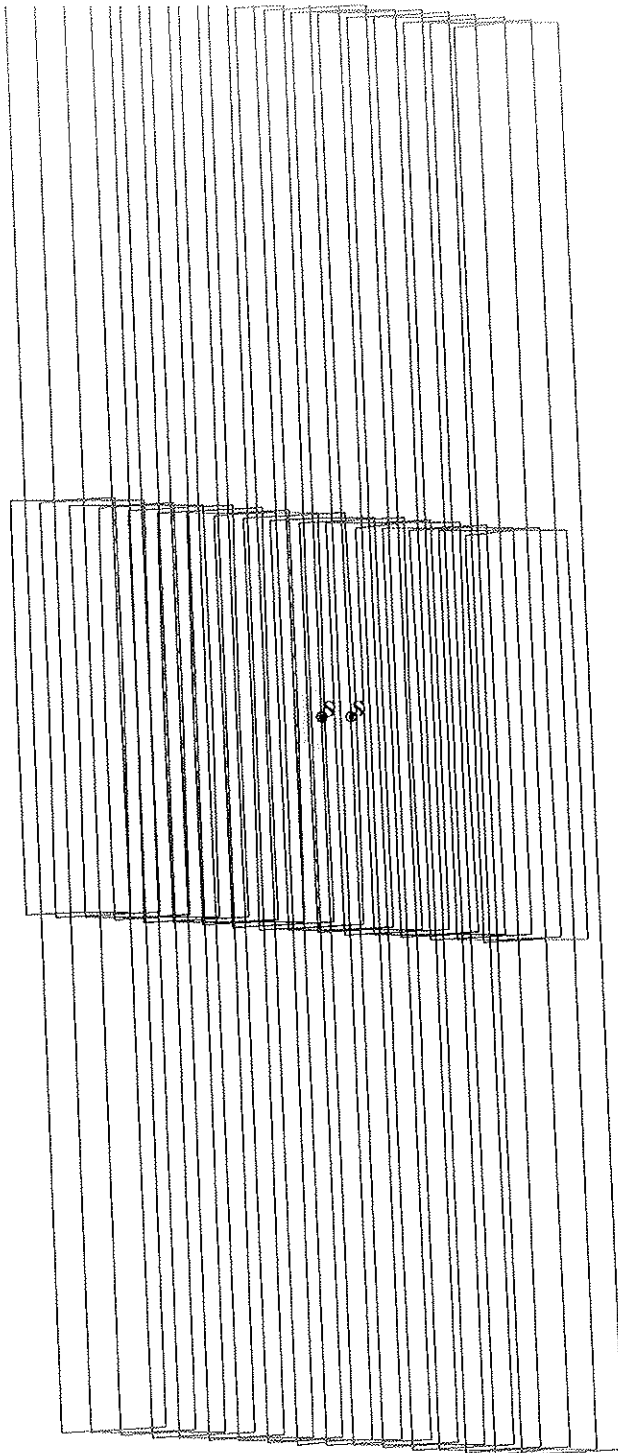
Activity ID:	Orbit G1	OAPEL TUGINPRO	SeqNo	62--			
Title	UVS NOON ANSA PROFILE 6-2		Instrument	UVS			
Requestor	UVS-MWG/S.STEPHENS 37737	Team	UVS	Working Group	MWG		
Time System	CDS	Load ID	G1A	Calendar Date	06/26/96	Week	26
Start	JEE-CDS 00001854:00:0		96-178/17:16:44.266		JEE-001/07:14:36.000		
End	JEE-CDS 00001609:00:0		96-178/21:24:27.600		JEE-001/03:06:52.666		
Duration	00000245:00:0		000/04:07:43.334		000/04:07:43.334		
Top Label	GITUGINPRO62--						
Bottom Label	(UVS RTS Torus)						
Plot Key	UVS	Type	SCI				
CDS Bytes	298	Report Options	BOTH		Scan Platform	Yes	
CDS Source	PA	Spin State	DUAL		DMS	No	
Observation Objective							
UVS IO TORUS NOON ANSA RADIAL PROFILE 6 (USED TO BE PART 2 OF 2) (NO EUV): From: 4.92 Rj (inside ribbon) at cone > 90 (ribbon at 5.69 Rj, Sys III W Long 84) To: 6.44 Rj (outside ribbon) at fixed cone Data rate: Instrument states usually last 60 RIMS; thus, 4.87 bps UVS (higher over ribbon) OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (S+ 1259, O+ 2471) 2POSN-22STEP F/G MINISCAN (UVS): F 2436.8-2501.0 (CTR 2470.4, STEP 275) [EVEN FRAMES], G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES] 2POSN-1STEP G/G MINISCAN (UVS): G 1258.2 (STEP 82) [EVEN FRAMES], G 1341.0 (STEP 136) [ODD FRAMES] Strategy for MINISCANS: Alternate 22STEP and 1STEP for PWS quiet							
Design Detail							
PSID	RIM:mf	CDS PA	Last modified 05/04/96				
384BP	0	0	COMMENT [UVS RIM 0]				
157BS	3	94	CMDRS (10+14*6) [PLAN DUR 242, EST UVS CMDS 6]				
349OC	3:69	28	UVFLUSH [6UVRT, DISCRD, UVS]				
165BN	4	36	TARGET [CONE 129.61, CLOCK 92.19]				
	4		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]				
349OE	62:69	28	UVFLUSH [6UVRT, PACKET, UVS]				
	64		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]				
349OH	102:69	28	UVFLUSH [6UVRT, PACKET, UVS]				
	104		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]				
349OI	142:69	28	UVFLUSH [6UVRT, PACKET, UVS]				
	144		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 7E, 05, 00, 36 [1STEP G/G]				
349OJ	182:69	28	UVFLUSH [6UVRT, PACKET, UVS]				
	184		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [22STEP F/G]				
349OL	243:69	28	UVFLUSH [6UVRT, PACKET, UVS]				
	245		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NO, 1, 2C, 05, 00, 00 [HVOFF]				



Start UTC TIME : 1996-178 // 17:16:44.000
 No End Time :
 Start SCLK : 1/03496626:05:6:1

Target Body : JUPITER
 Target Cone/Clock : 143.66 / 92.39 Deg
 S/C to Body Center : 1440002. Km (20.142146 Rj)
 Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Activity ID:	Orbit GI	OAPEL IUIECLPS	SeqNo	01-
Title	UVS IO ECLIPSE (PRE-INGRESS)		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	GIA	Calendar Date 06/23/96 Week 25
Start	JEE-CDS 00006030:00:0		96-175/18:54:20.266	JEE-004/05:37:00.000
End	JEE-CDS 00005991:00:0		96-175/19:33:46.266	JEE-004/04:57:34.000
Duration	00000039:00:0		000/00:39:26.000	000/00:39:26.000
Top Label	G1IUIECLPS01-			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	130	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	UVS real-time Io Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Io enters and exits eclipse. Determine if the source of the change is due to: 1) a change in the lower atmospheric composition as it cools (ie. SO2 condensation); or 2) a potential change in the excitation mechanism if solar photoexcitation is dominant over particle impact.			
	G1IUIECLPS01- = Io eclipse pre-ingress measurement. Scan-platform drifts across Io in real-time (34 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Only 1 drift will be done prior to eclipse ingress due to PWS time sharing..			
	UVS Configuration = F/G Full Scans			
Design Detail				
CDS RIM Command Parameters				PSID
28 003+UVFLUSH DISCRD,UVS				(CA)
36 004 TARGET (4 RIM Posn_Slew)				(CA)
38 003 CMDRS				(CA)
004 1 34UVS,07,S,N,N,N,S,0,	ON,OFF,	ON,	ON,OFF,NOOVR,1,00,9C,01,2C	
038 35 34UVS,C1,F,N,N,N,S,0,	OFF,OFF,	ON,	OFF,OFF,NOOVR,1,2C,05,00,00	
28 037+UVFLUSH PACKET,UVS				



165CA:TT= 0 TMC= 1 C= 4.19 XC= 0.33 BS= 0/2100 TC= 9
A= 728 pD= 0 SH=17.430 RA50=209.10 DEC50= -8.48 cone=108.29 clock= 93.41

ARGET G1.0 brad : 2/28/1996 12:55: 7

ILE:P.G1UIECLPS01

ARGET BODY : IO

INI:m.target.enc

EPH:/DATA/NAVIO/T-960110-ALL.NS

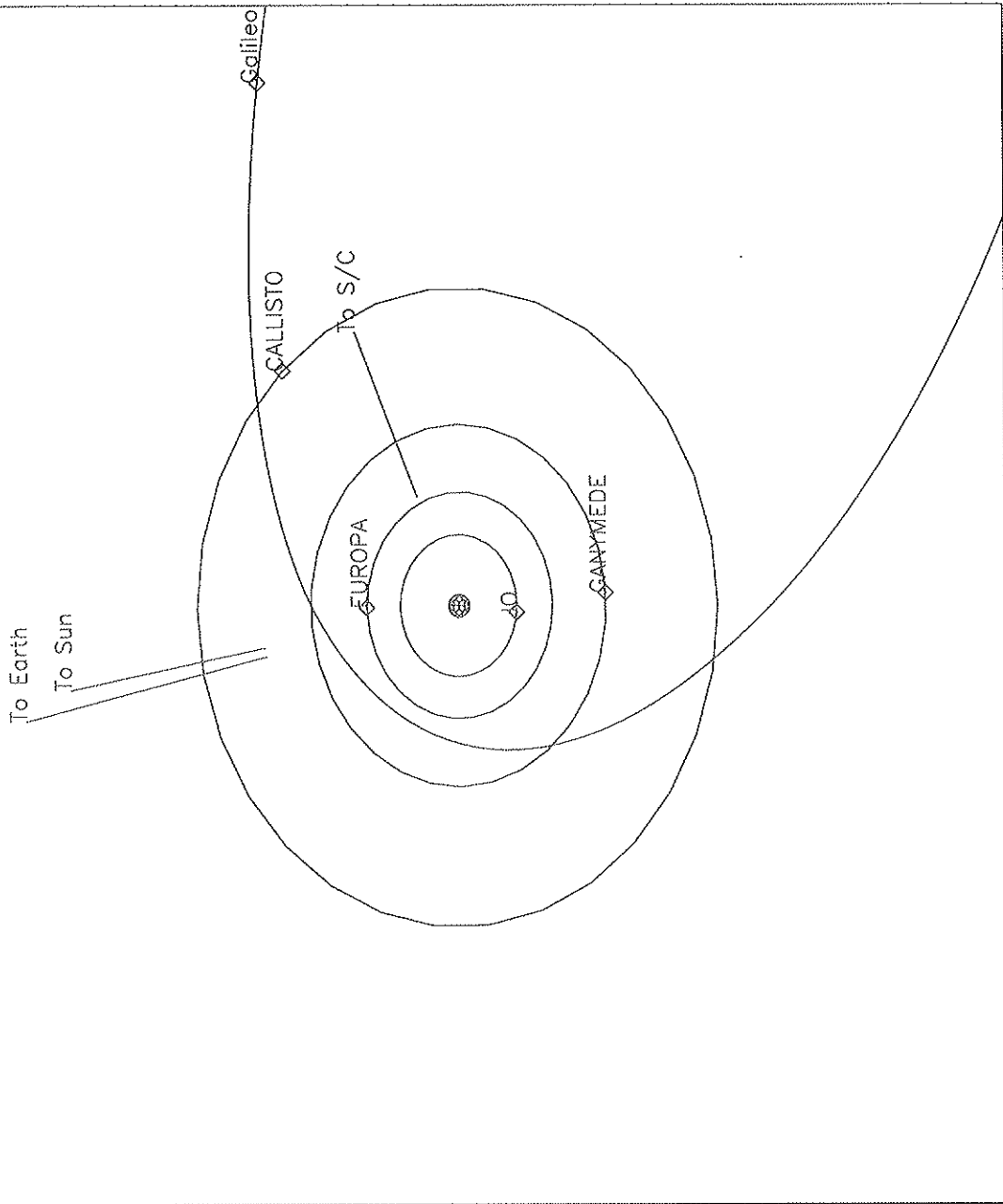
ERIAPSIS:

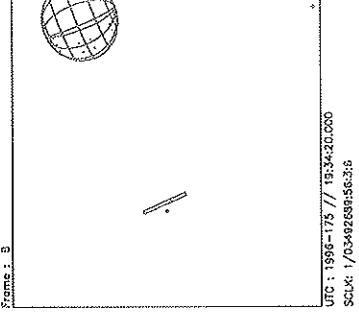
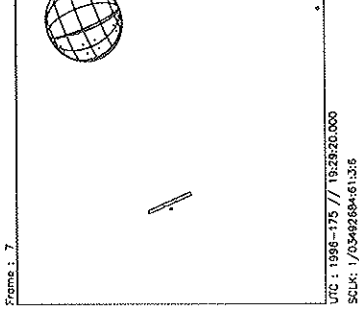
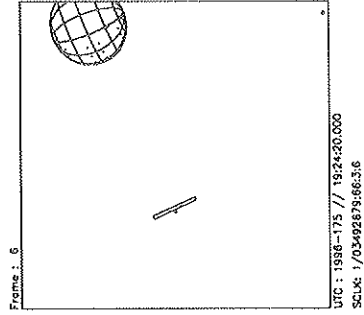
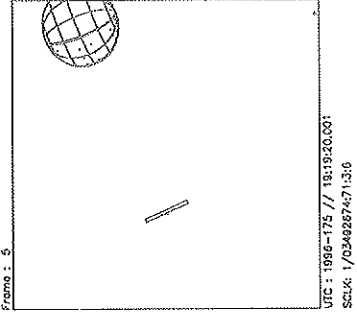
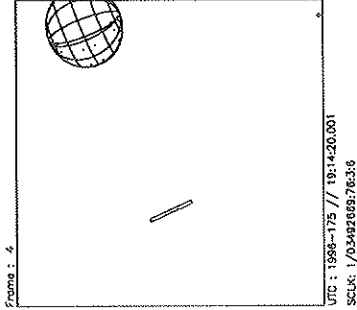
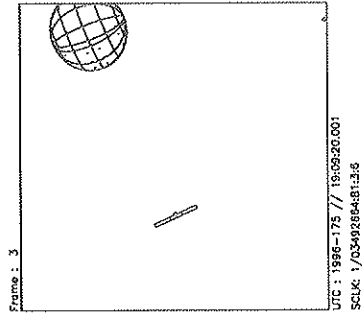
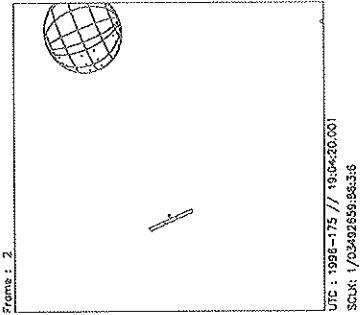
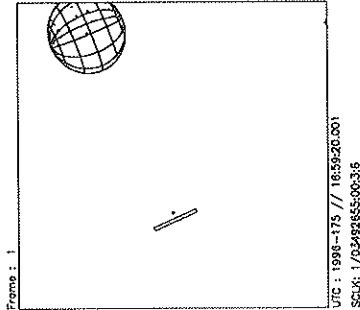
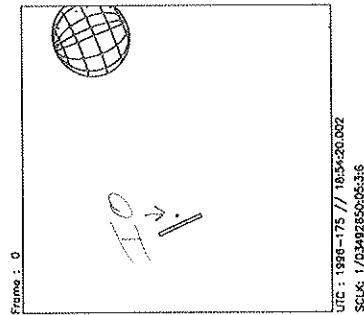
THINNING:NONE :UVS 1

TART:JEE 96-180/00:31:20.266 -CDS 6026:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.040

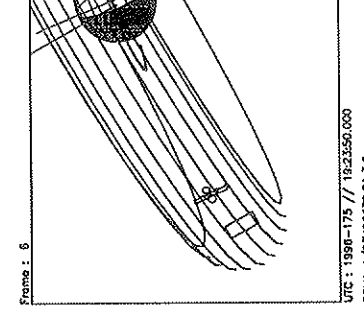
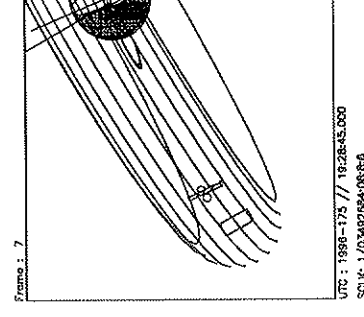
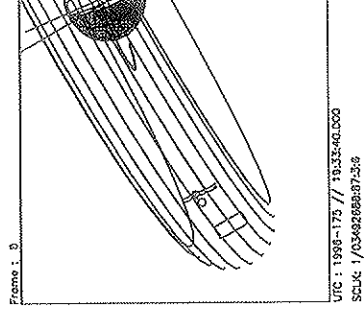
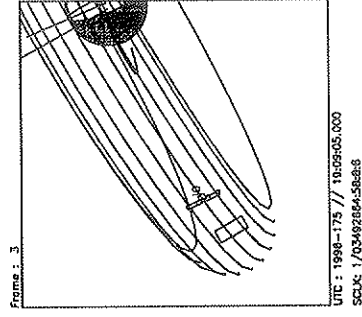
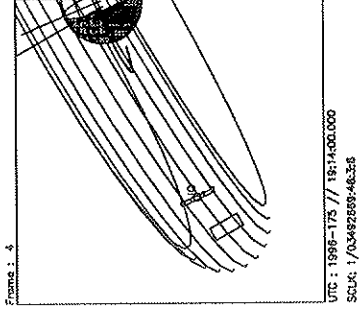
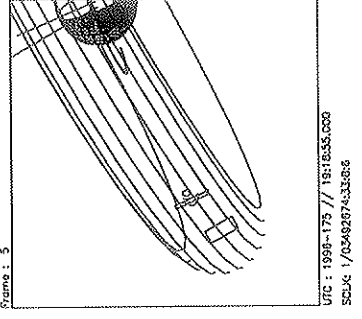
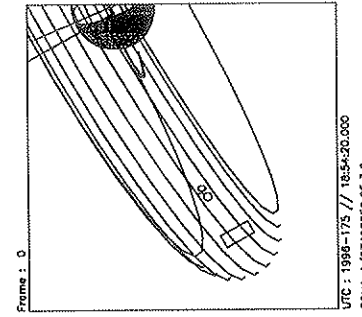
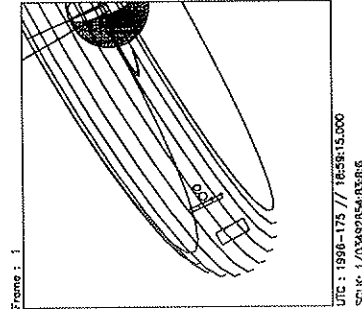
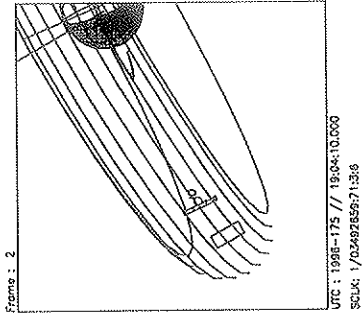
G1EUEECLPS01





Start UTC_TIME : 1996-175 // 18:54:20.000
No End Time ;
Start SCLK : 1/03492650:05:3:6

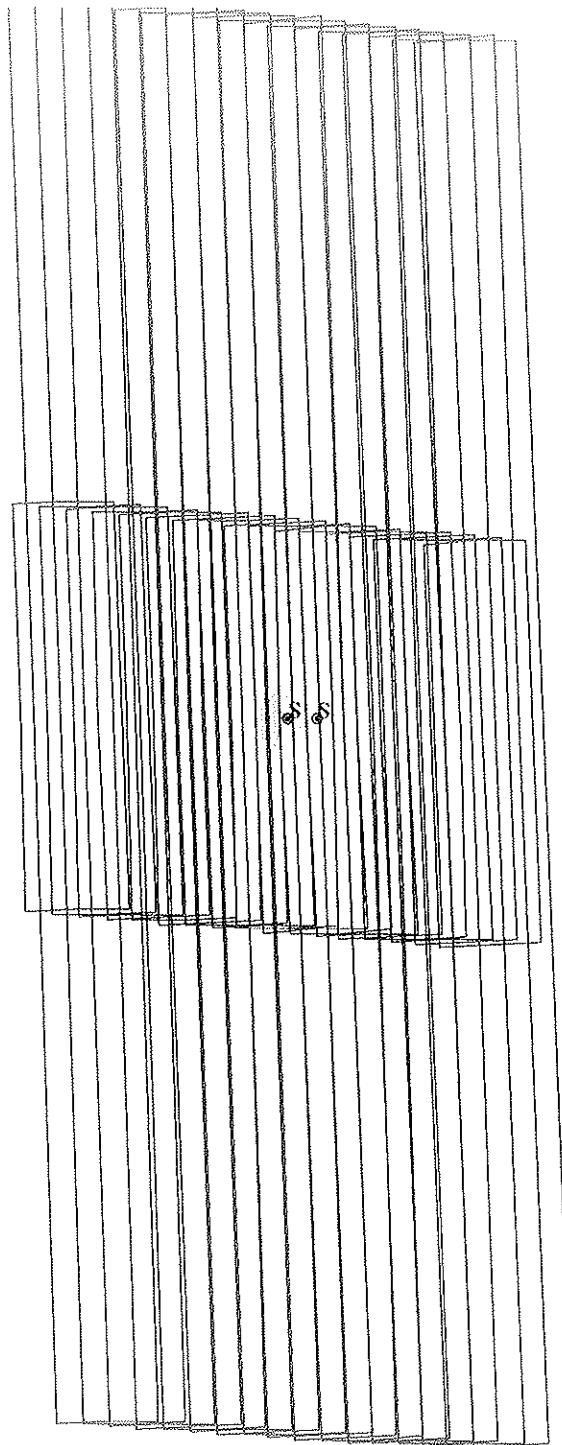
Target Body : IO
Target Cone/Clock : 108.00 / 93.39 Deg
S/C to Body Center : 3564884. Km (1954.0573 Ri)
Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg



Target Body : JUPITER
 Target Cone/Clock : 102.01 / 93.54 Deg
 S/C to Body Center : 3349781. Km (46.855325 Rj)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Start UTC_TIME : 1996-175 // 18:54:20.000
 End UTC_TIME : 1996-175 // 19:33:46.000
 Start SCLK : 1/03492650:0:5:3:6
 Delta Time between FOV : 295.0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Activity ID:	Orbit G1	OAPEL IUECLPS	SeqNo	02-
Title	UVS IO ECLIPSE (POST-INGRESS)		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group
				SWG
Time System	CDS	Load ID	G1A	Calendar Date
				06/23/96
				Week
				25
Start	JEE-CDS 00005990:00:0		96-175/19:34:46.933	JEE-004/04:56:33.333
End	JEE-CDS 00005951:00:0		96-175/20:14:12.933	JEE-004/04:17:07.333
Duration	00000039:00:0		000/00:39:26.000	000/00:39:26.000
Top Label	G1IUECLPS02-			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	130	Report Options	BOTH	Scan Platform
				Yes
CDS Source	OAP	Spin State	DUAL	DMS
				No
Observation Objective				
	UVS real-time Io Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Io enters and exits eclipse. Determine if the source of the change is due to: 1) a change in the lower atmospheric composition as it cools (ie. SO2 condensation); or 2) a potential change in the excitation mechanism if solar photoexcitation is dominant over particle impact.			
	G1IUECLPS02- = Io eclipse post-ingress measurment. 1 scan-platform drift across Io in real-time (34 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Only 1 drift will be done after eclipse ingress due to PWS time sharing.			
	UVS Configuration = F/G Full Scans			
Design Detail				
CDS RIM Command	Parameters	PSID		
28	003+UVFLUSH DISCRD,UVS	(CC)		
36	004 TARGET (4 RIM Posn_Slew)	(CB)		
38	003 CMDRS	(CB)		
	004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,01,2C			
	038 35 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00			
28	037+UVFLUSH PACKET,UVS	(CD)		



165CB:TI= 0 TMC= 1 C= 3.67 XC= 0.33 BS= 0/9380 TC= 9
A= 728 pD= 0 SR=17.430 RA50=209.60 DEC50= -8.63 cone=108.81 clock= 93.47

ARGET G1.0 brad : 2/28/1996 12:55: 7

ILE:P.G1IUIECLPS02

ARGET BODY : IO

INI:m.target.enc

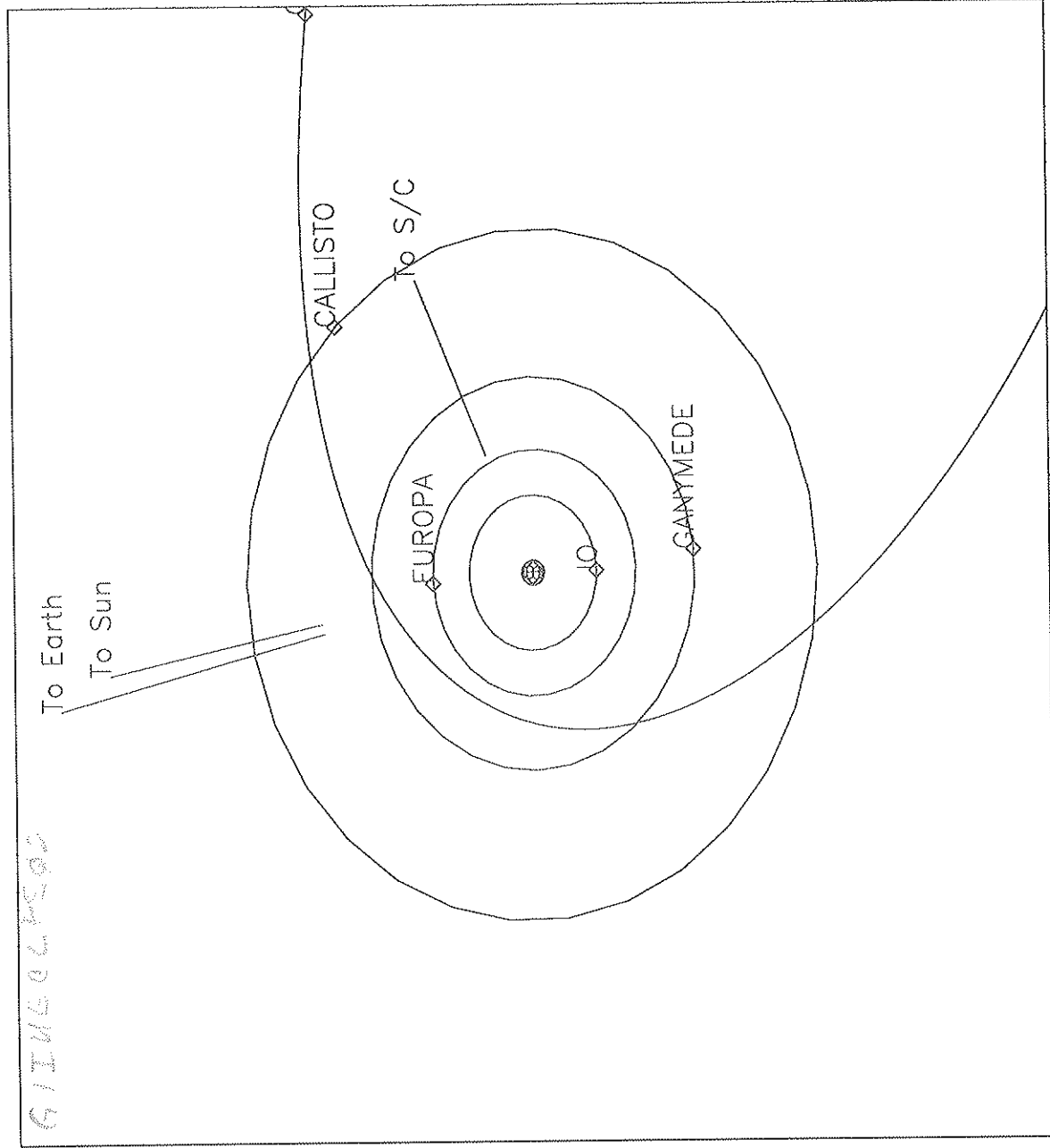
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ERIAPSIS:

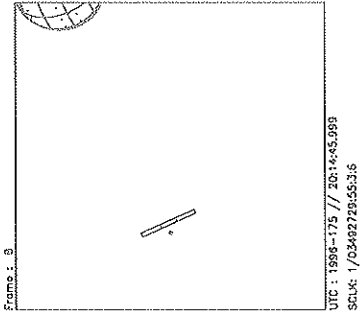
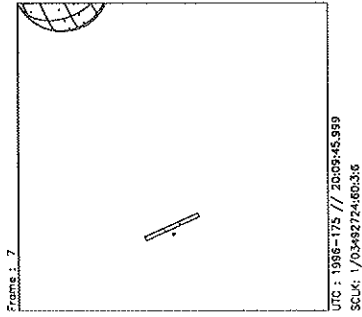
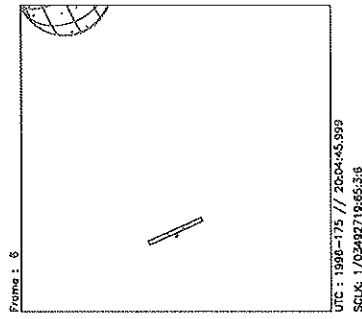
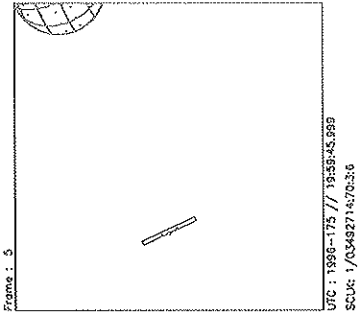
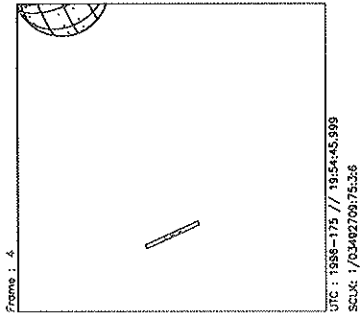
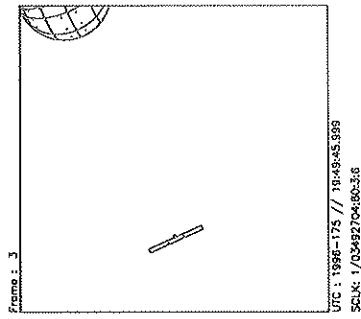
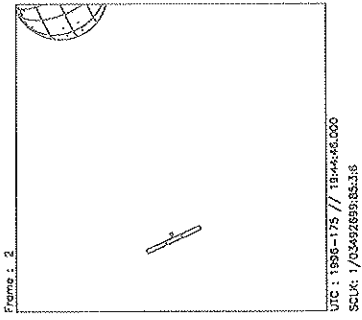
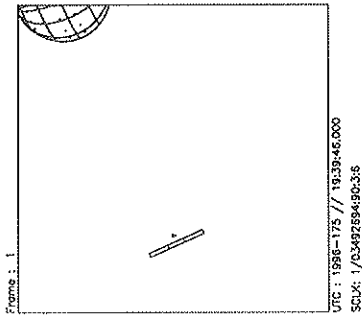
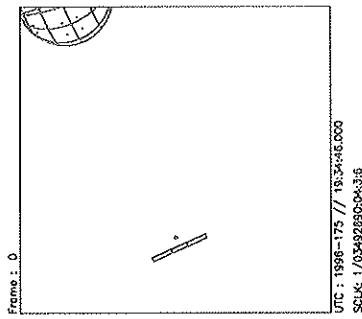
THINNING:NONE :UVS 1

TART:JEE 96-180/00:31:20.266 -CDS 5986:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.040

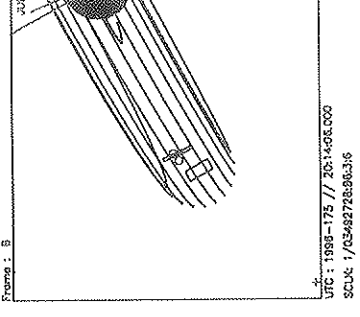
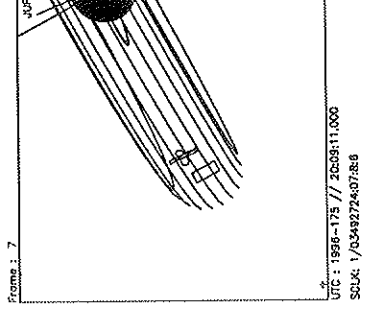
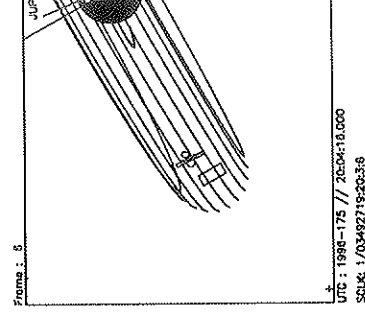
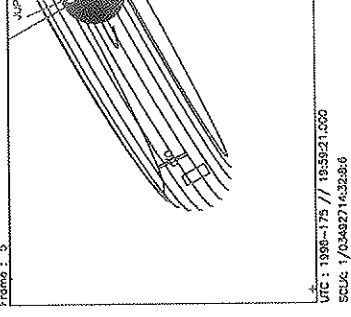
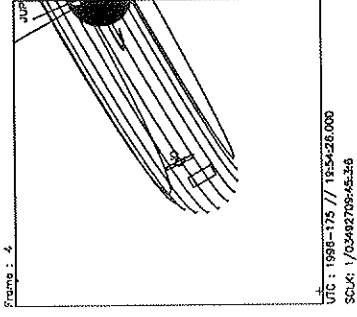
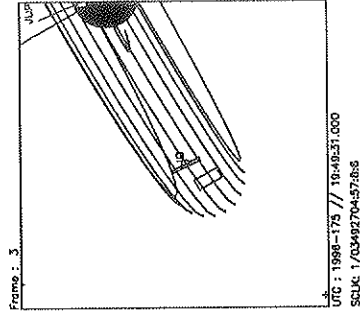
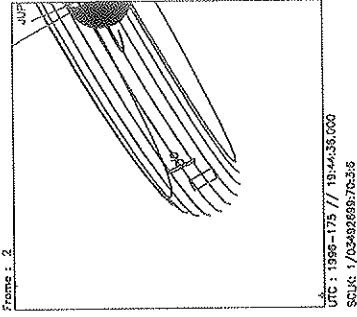
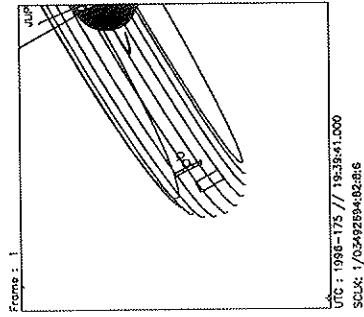
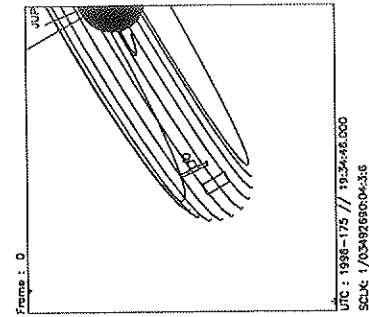


1996-175 // 19:34:46.000 28 days, 0.0 hours trajectory



Start UTC_TIME : 1996-175 // 19:34:46.000
 No End Time :
 Start SCLK : 1/03492690:04:3:6

Target Body : i0
 Target Cone/Clock : 108.54 / 93.45 Deg
 S/C to Body Center : 3513826. Km (1926.0700 Ri)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-175 // 19:34:46.000
 End UTC_TIME : 1996-175 // 20:14:12.000
 Start SCLK : 1/03492690:04:3:6
 Delta Time between FOV : 295.0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 102.19 / 93.54 Deg
 S/C to Body Center : 3533479. Km (46.627296 Rj)
 Z-axis Pointing (Ra / Dec) : 102.80 / -25.00 Deg