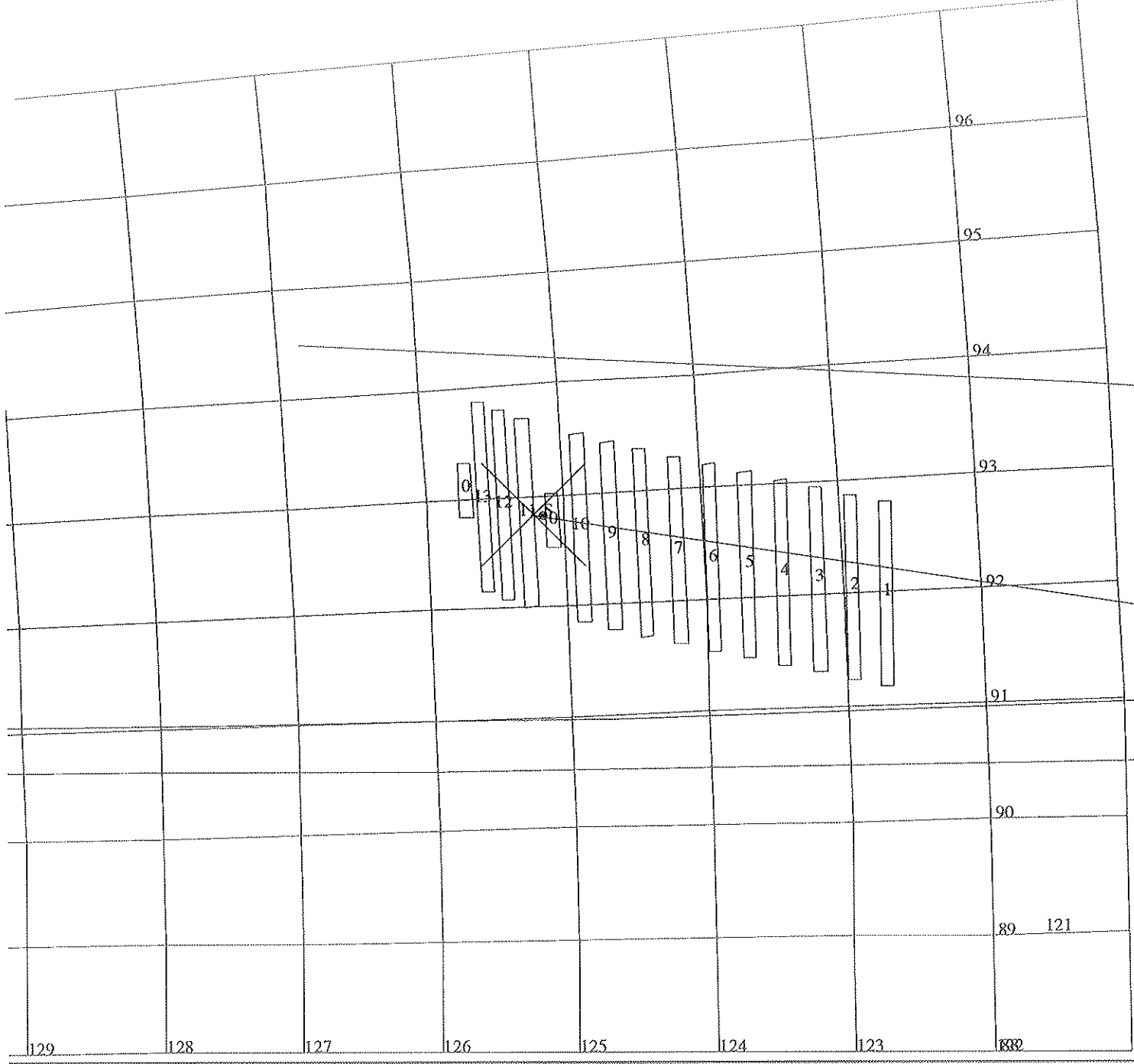


<b>Activity ID:</b>	Orbit G1	OAPEL IUNTRLCL	<b>SeqNo</b>	01-
<b>Title</b>	UVS IO NEUTRAL CLOUD		<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-SWG/K.NAVIAUX 37740	<b>Team</b>	UVS	<b>Working Group</b> SWG
<b>Time System</b>	CDS	<b>Load ID</b>	<b>Calendar Date</b>	06/26/96 <b>Week</b> 26
<b>Start</b>	JEE-CDS 00002356:00:0		96-178/08:49:09.600	JEE-001/15:42:10.666
<b>End</b>	JEE-CDS 00002141:00:0		96-178/12:26:32.933	JEE-001/12:04:47.333
<b>Duration</b>	00000215:00:0		000/03:37:23.333	000/03:37:23.333
<b>Top Label</b>	G1IUNTRLCL01-			
<b>Bottom Label</b>	(real-time)			
<b>Plot Key</b>	UVS	<b>Type</b>	SCI	
<b>CDS Bytes</b>	298	<b>Report Options</b>	BOTH	<b>Scan Platform</b> Yes
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b> No
<b>Observation Objective</b>				
	~4 hour UVS real-time Io Neutral Cloud observation. Determine the composition and time variation of the ionized Io neutral cloud (SO <sub>2</sub> , 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			
<b>Design Detail</b>				
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.G1IUNTRLCL01

ARGET BODY : IO

INI:m.g1iuntrlcl99

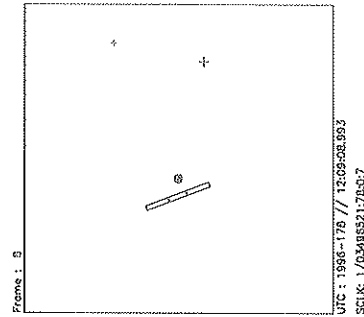
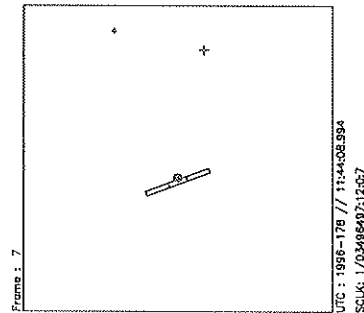
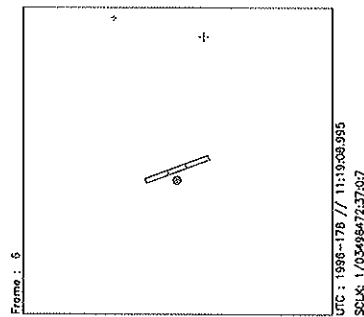
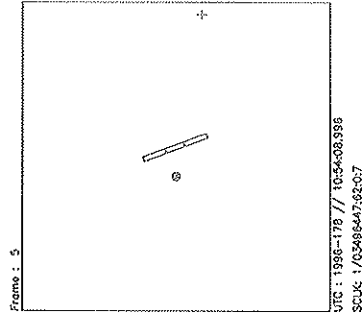
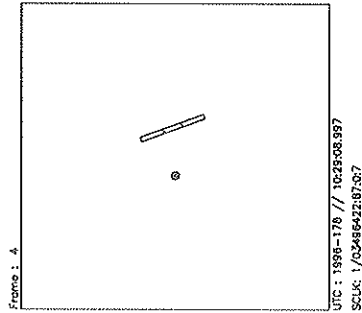
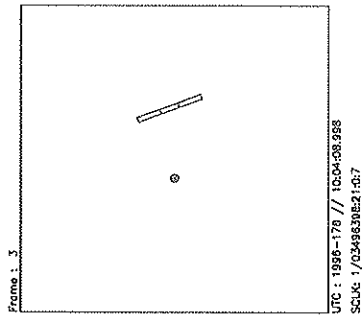
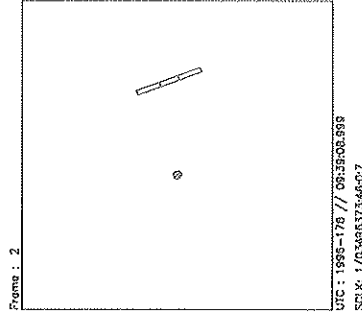
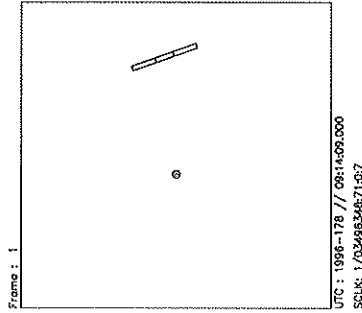
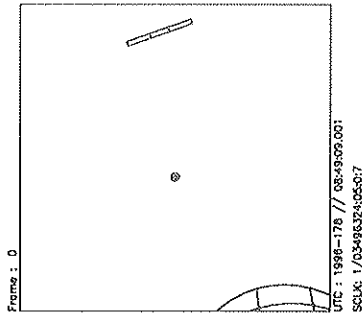
> EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 1

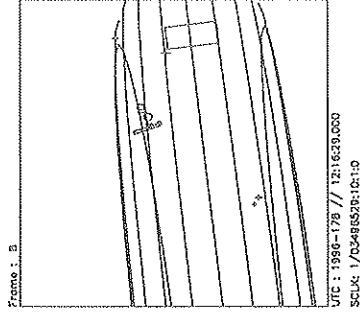
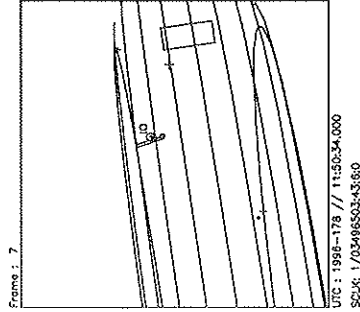
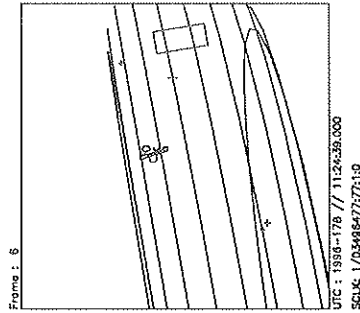
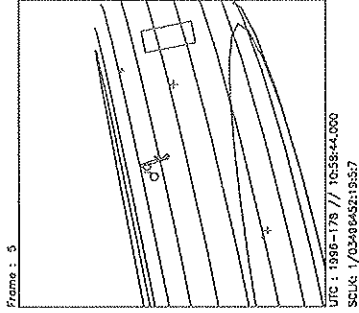
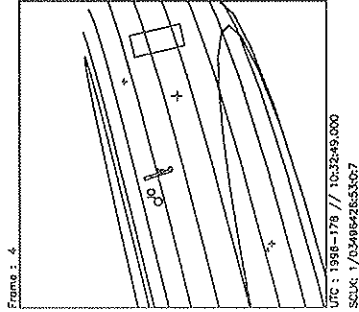
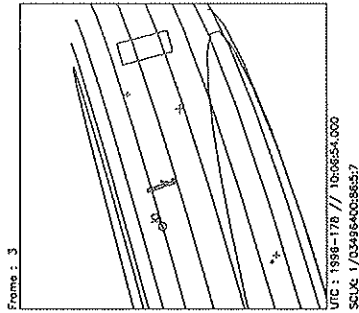
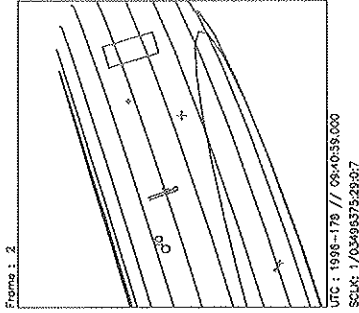
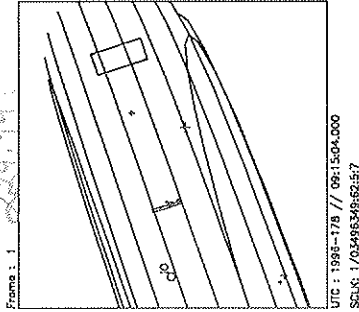
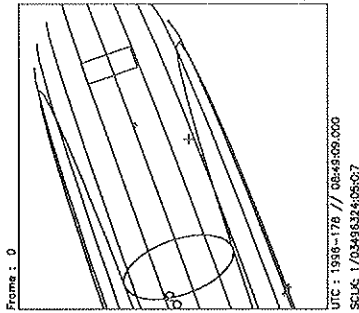
TART:JEE 96-180/00:31:20.266 -CDS 2352:00:0

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

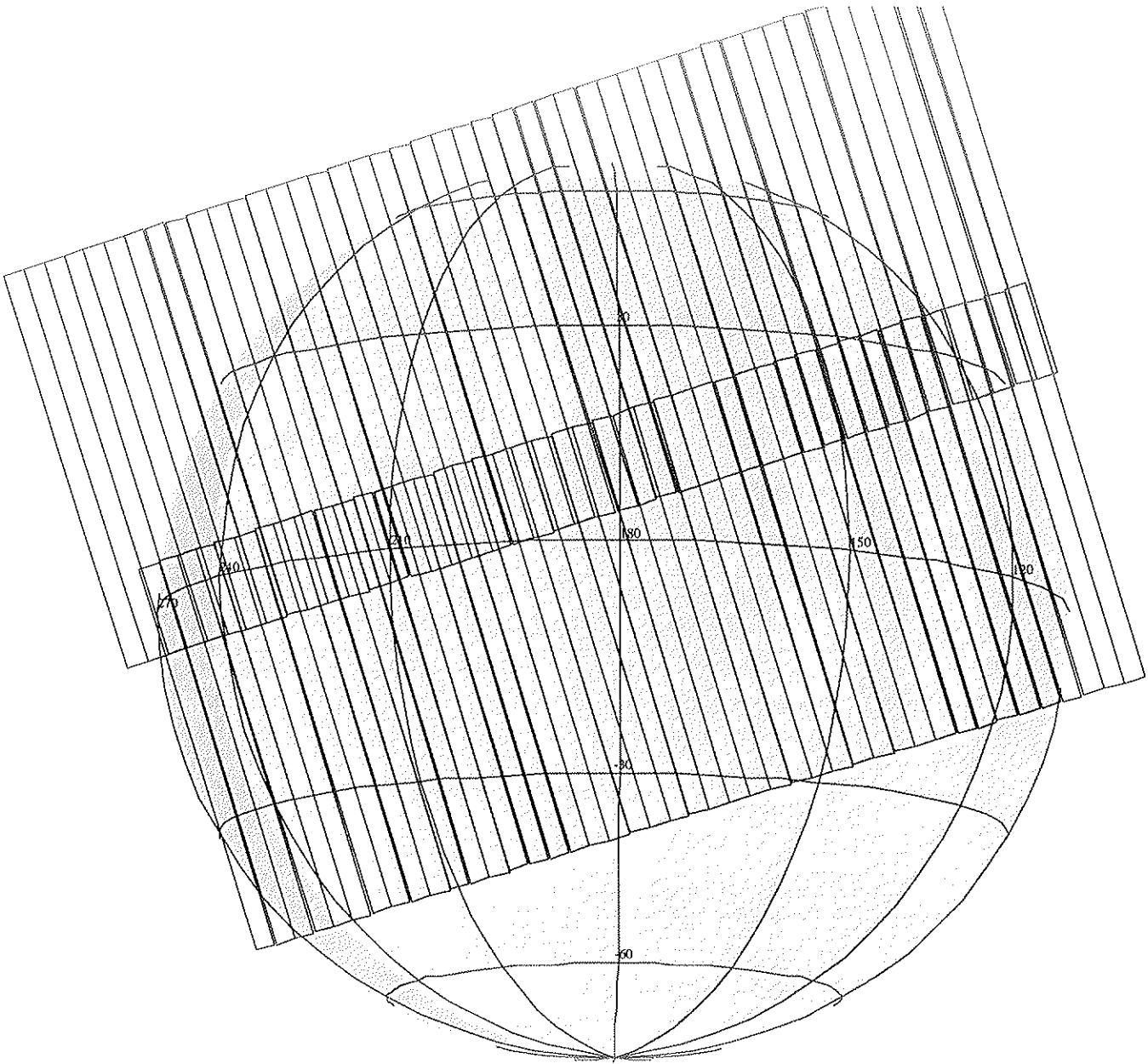
Target Body : IO  
Target Cone/Clock : 128.21 / 93.72 Deg  
S/C to Body Center : 1287277. Km ( 705.60866 Ri )  
Z-axis Pointing ( Ro / Dec ) : 102.80 / 25.00 Deg



Start UTC.TIME : 1996-178 // 08:49:09.000  
 End UTC.TIME : 1996-178 // 12:26:32.000  
 Start SCLK : 1/03496324:05:07  
 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
<b>Observation Objective</b>					
<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>					
<b>Design Detail</b>					
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	




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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

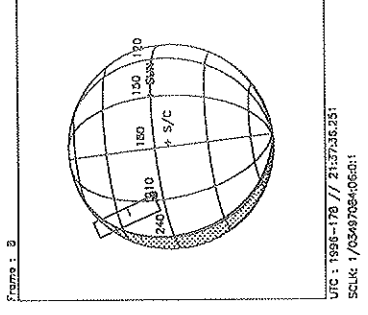
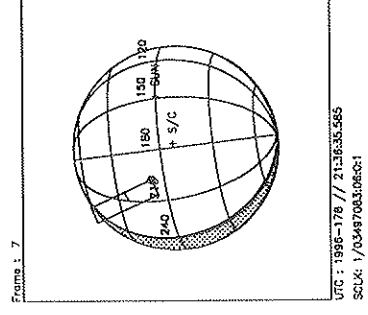
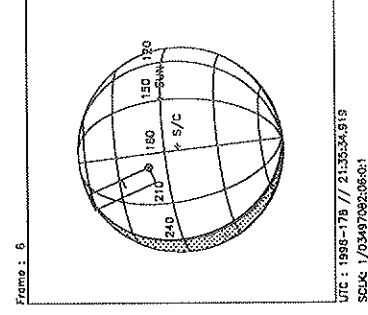
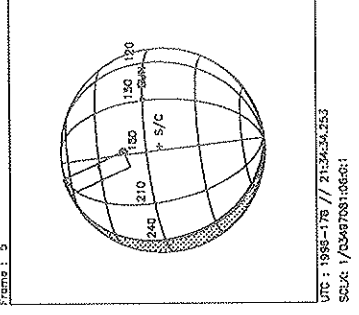
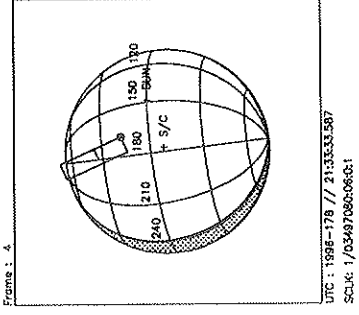
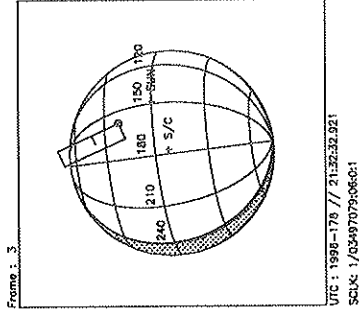
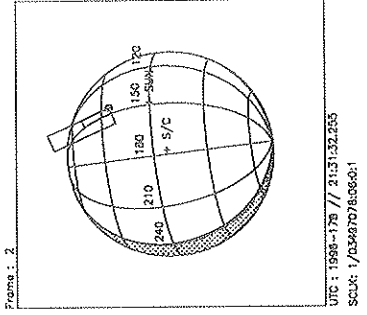
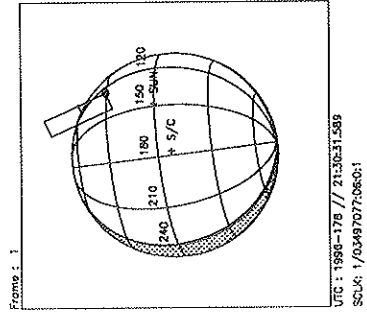
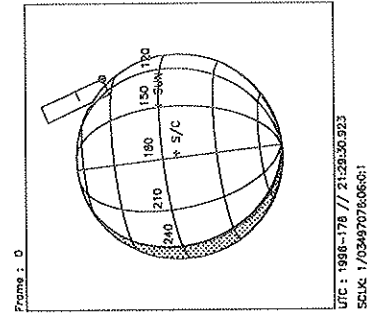
> EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NIM 2

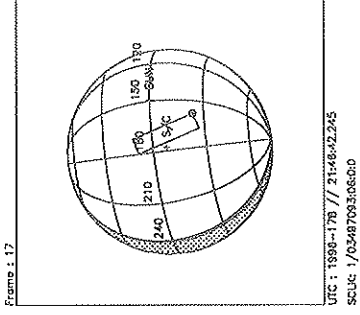
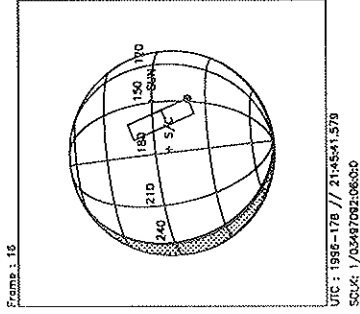
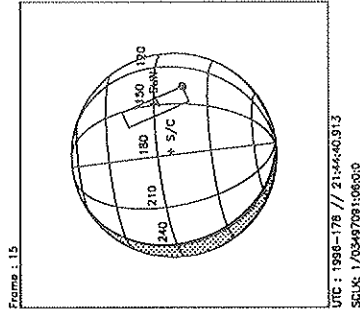
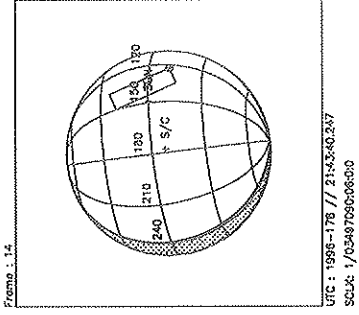
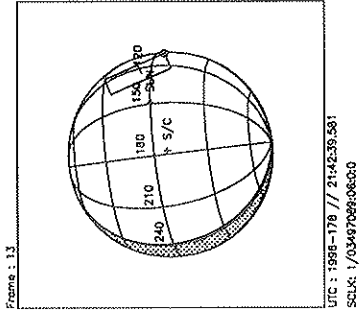
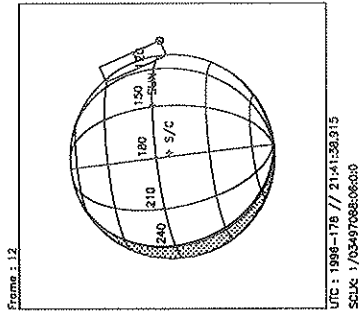
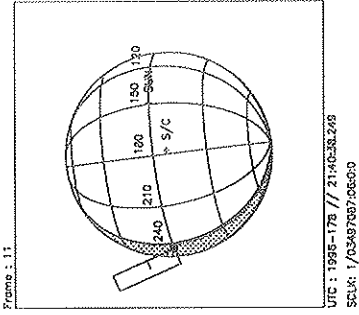
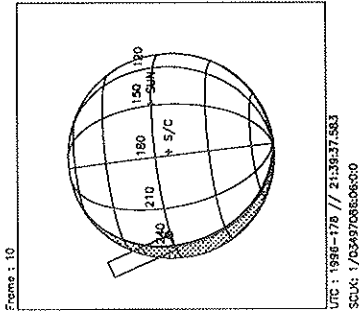
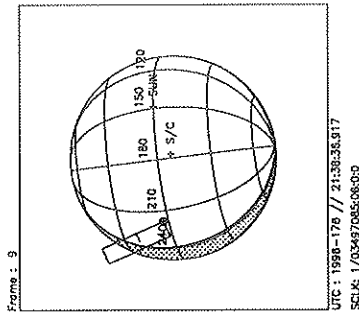
TART:GEE 96-179/06:29:26.933 -CDS 530:00:0

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)

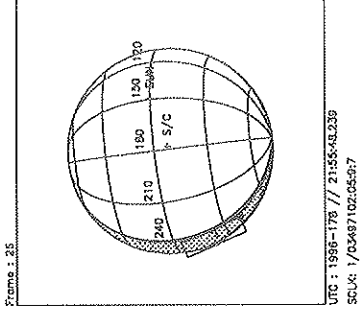
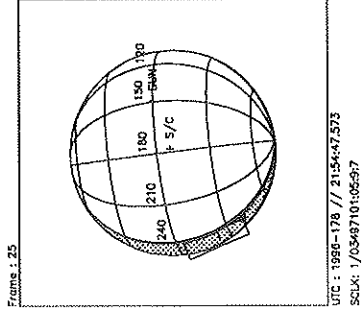
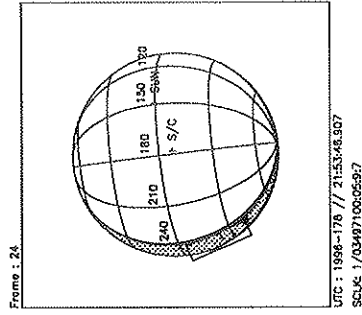
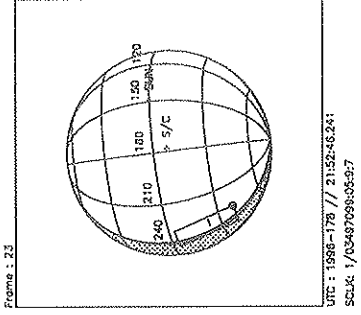
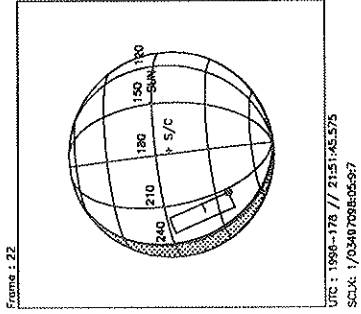
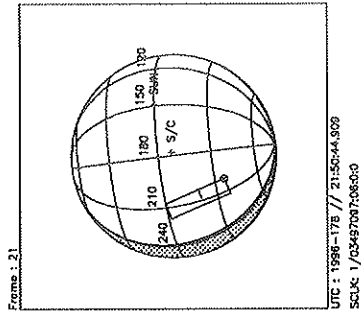
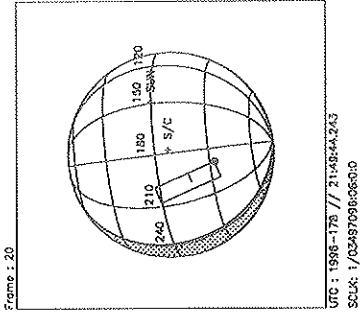
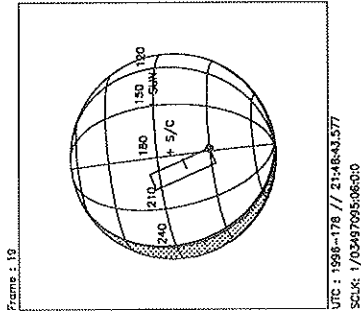
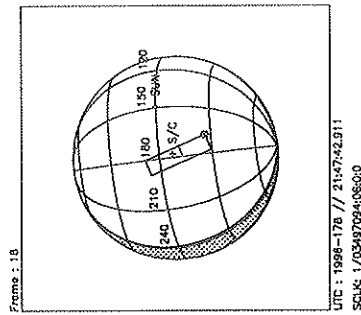
Target Body : GANYMEDE  
Target Cone/Clock : 150.06/106.99 Deg  
S/C to Body Center : 248205.0 Km ( 94.231202 Rg )  
Z-axis Pointing ( Ro / Dec ) : 102.80 / 24.96 Deg



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)

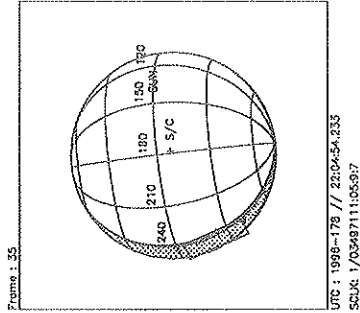
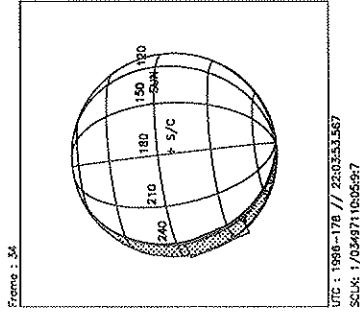
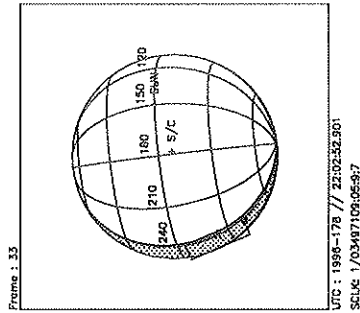
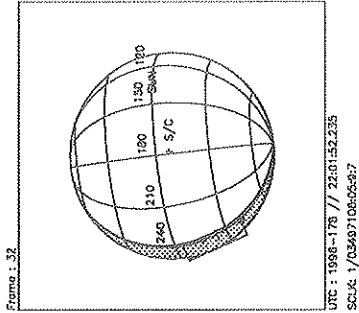
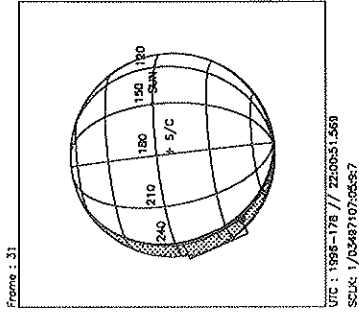
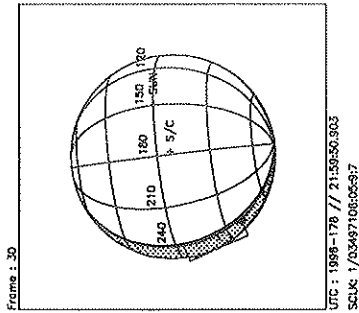
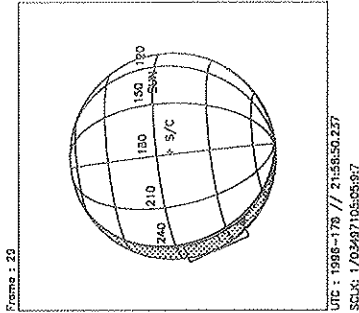
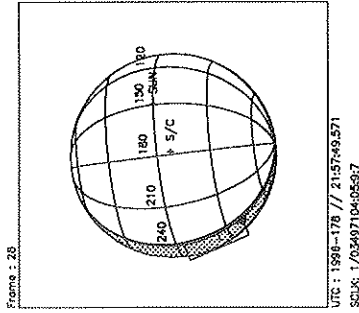
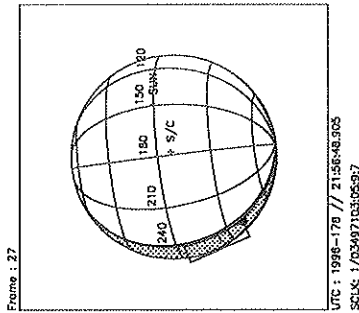
Target Body : GANYMEDE  
Target Cone/Clock : 150.08/107.05 Deg  
S/C to Body Center : 243808.0 Km ( 92.561896 Rg )  
Z-axis Pointing ( Ro / Dec ) : 102.79 / 24.99 Deg





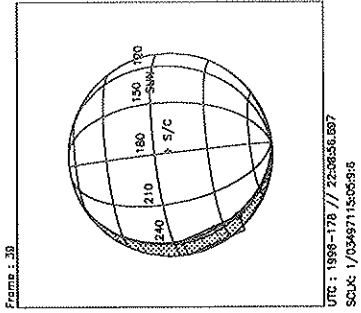
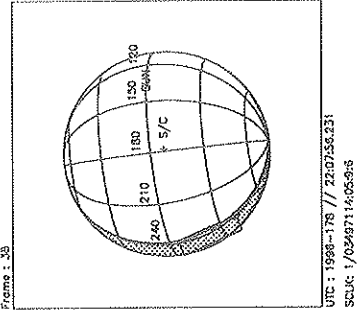
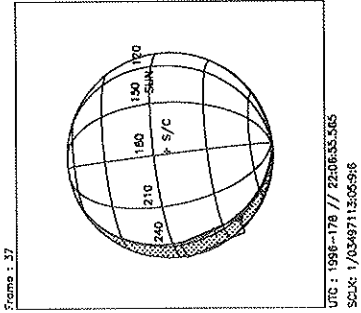
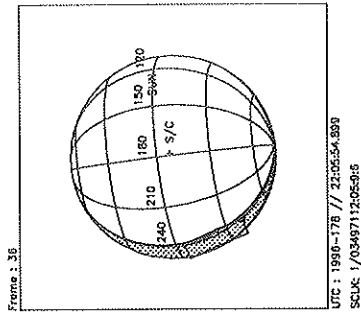
Start UTC\_TIME : 1996-178 // 21:29:30.923  
End UTC\_TIME : 1996-178 // 22:12:59.600  
Start SCLK : 1/03497076:06:0:1  
Delta Time between FOV : 60.66600  
FOVs : F Channel(0.1x0.4)

Target Body : GANYMEDE  
Target Cone/Clock : 150.09/107.06 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



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)

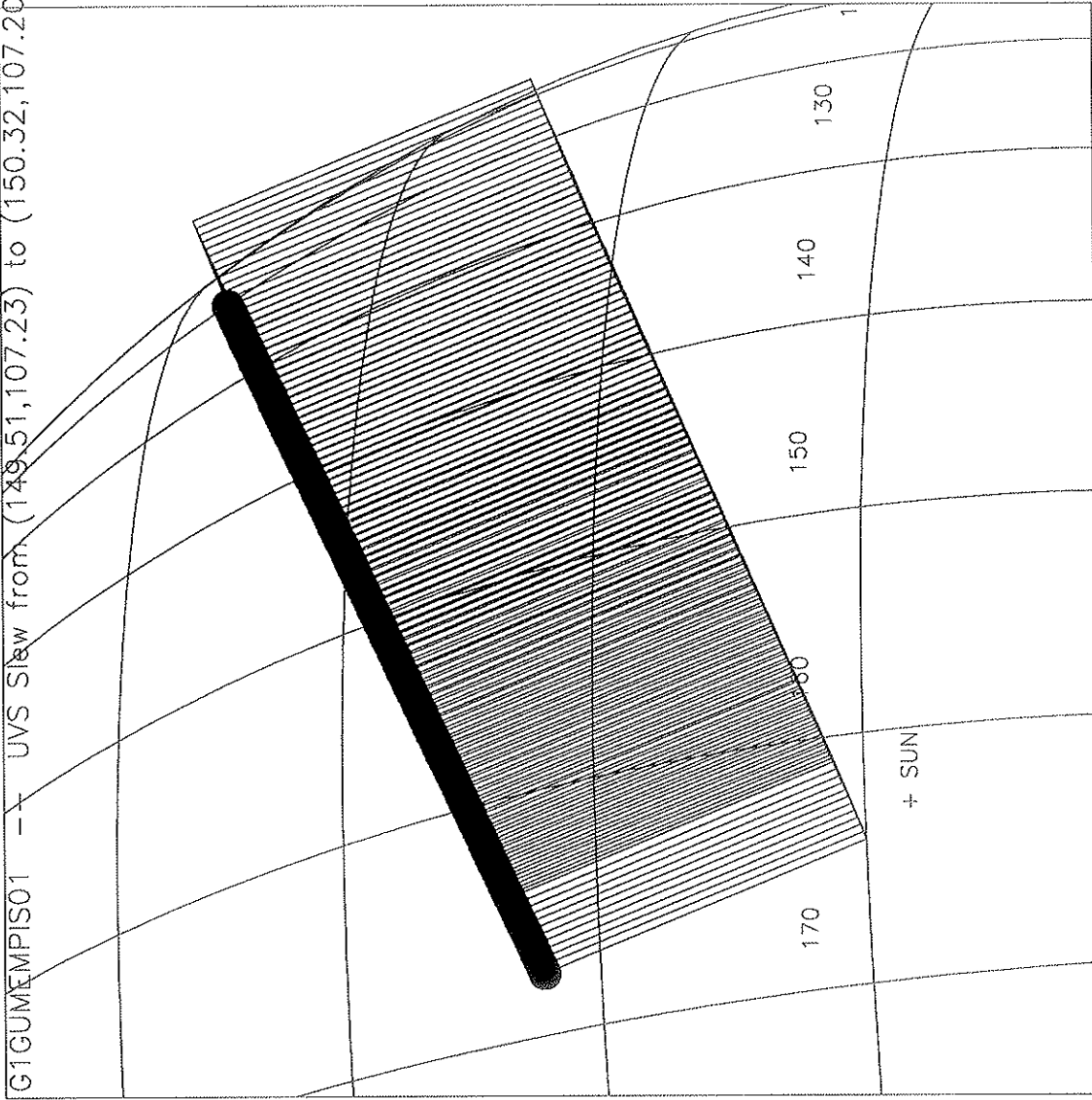
Target Body : GANYMEDE  
Target Cone/Clock : 150.09/107.11 Deg  
S/C to Body Center : 230680.7 Km ( 87.578090 Rg )  
Z-axis Pointing ( Ra / Dec ) : 102.80 / 25.00 Deg

<b>Activity ID:</b>	Orbit G1	<b>OAPEL</b>	GUMEMPIS	<b>SeqNo</b>	01+
<b>Title</b>	UVS NIMS GANYMEDE MEMPHIS RIDE-ALONG			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-SWG/K.NAVIAUX 37740	<b>Team</b>	UVS	<b>Working Group</b>	SWG
<b>Time System</b>	CDS	<b>Load ID</b>	GIA	<b>Calendar Date</b>	06/27/96
				<b>Week</b>	26
<b>Start</b>	GTE-CDS 00000194:00:0		96-179/03:13:17.600		GTE-000/03:16:09.333
<b>End</b>	GTE-CDS 00000180:00:0		96-179/03:27:26.933		GTE-000/03:02:00.000
<b>Duration</b>	00000014:00:0		000/00:14:09.333		000/00:14:09.333
<b>Top Label</b>	G1GUMEMPIS01+				
<b>Bottom Label</b>	(ride-along)				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	38	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	No
<b>CDS Source</b>	OAP	<b>SpIn State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; 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>					
<b>Design Detail</b>					
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)



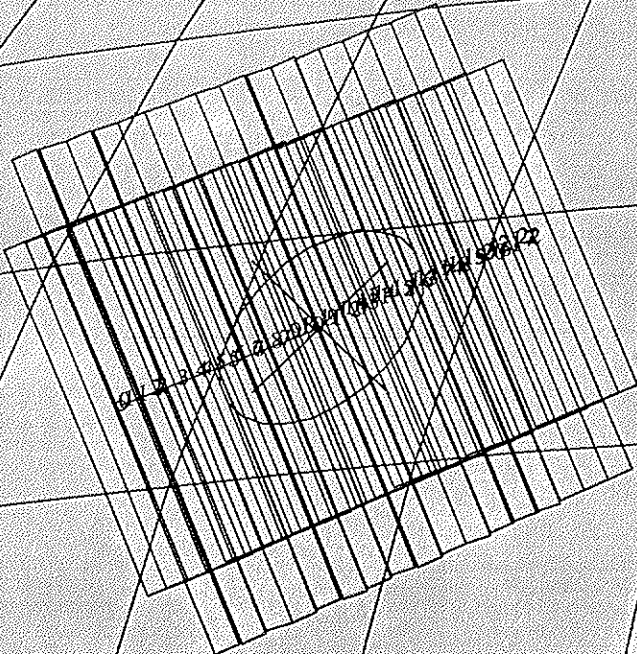
Start UTC\_TIME : 1996-179 // 03:14:17.000  
 No End Time :  
 Start SCLK : 1/03497417:04:1.4

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

6.0.0.0

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)

<b>Activity ID:</b>	Orbit G1	<b>OAPEL</b>	GUAMON_	<b>SeqNo</b>	01+
<b>Title</b>	UVS NIMS GANYMEDE AMON RIDE-ALONG			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-SWG/K.NAVIAUX 37740	<b>Team</b>	UVS	<b>Working Group</b>	SWG
<b>Time System</b>	CDS	<b>Load ID</b>		<b>Calendar Date</b>	06/27/96
				<b>Week</b>	26
<b>Start</b>	GTE-CDS 00000089:00:0		96-179/04:59:27.600		GTE-000/01:29:59.333
<b>End</b>	GTE-CDS 00000080:00:0		96-179/05:08:33.600		GTE-000/01:20:53.333
<b>Duration</b>	00000009:00:0		000/00:09:06.000		000/00:09:06.000
<b>Top Label</b>	GIGUAMON_01+				
<b>Bottom Label</b>	(ride-along)				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	38	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	No
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
	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				
<b>Design Detail</b>					
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:

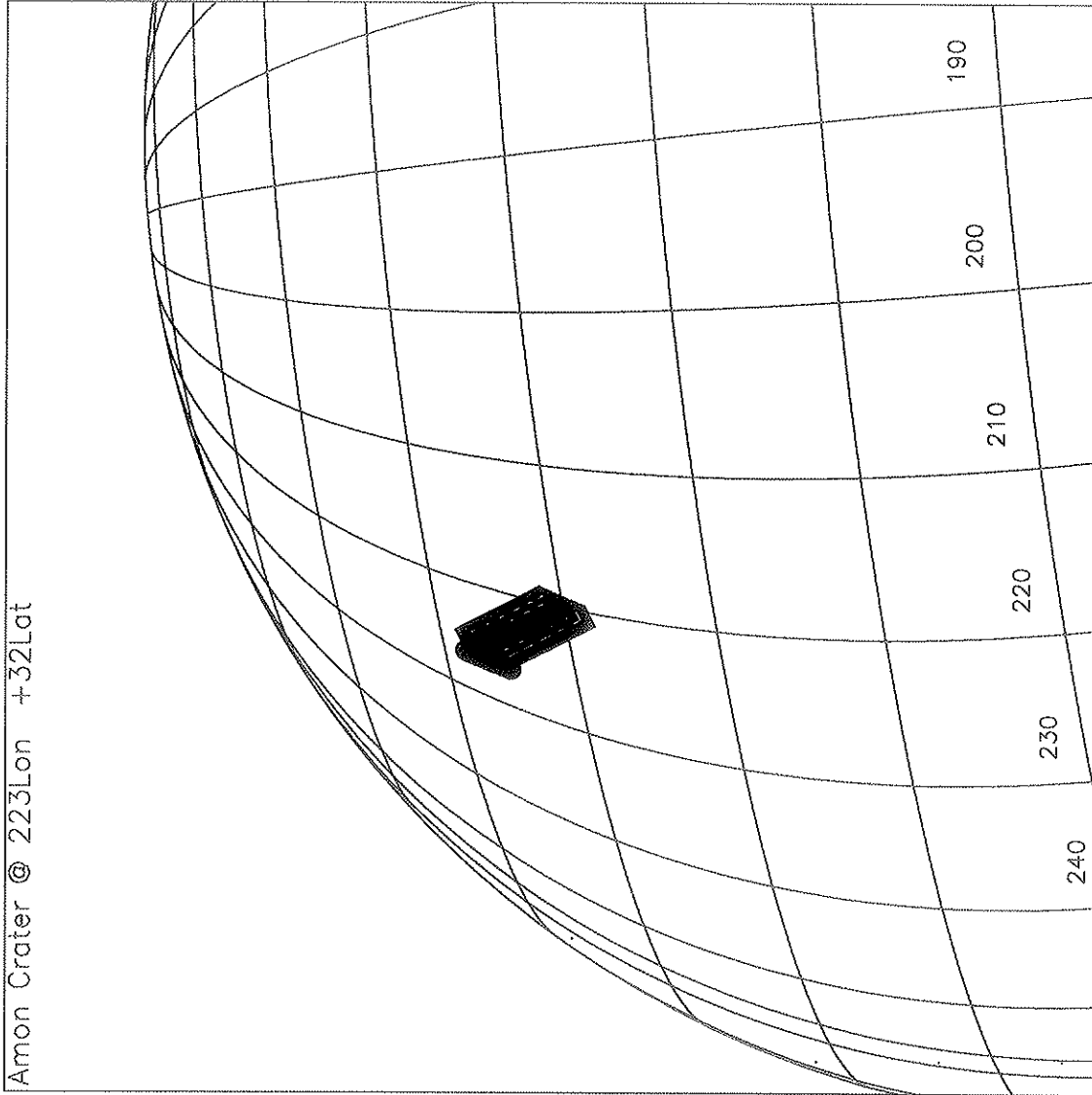
TART:GTE 96-179/06:29:26.933 -CDS 86:00:0

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*

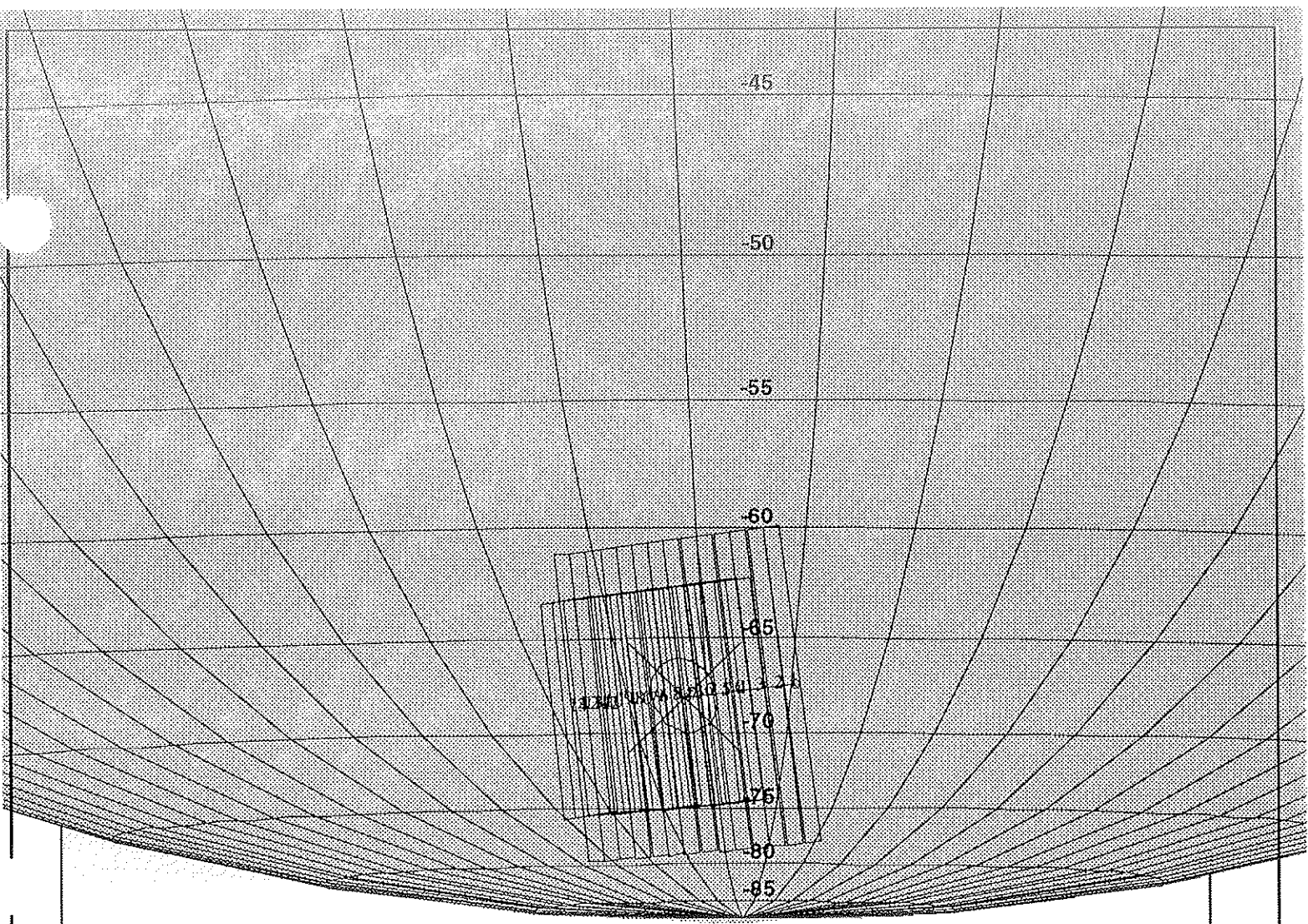


UVS NIMS GANYMEDE ISPTAH RIDE-ALONG

ACTIVITY ID: G1GUISPTAH01+

START TIME: 96-179/05:08:33.600

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
<b>Observation Objective</b>				
<div style="border: 1px solid black; padding: 5px; width: 200px; height: 150px; display: inline-block; vertical-align: top;"> </div> <p>Ride-Along with NIMS Ganymede ISPTAH Observation (2 rayed craters ISIS &amp; 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>				
<b>Design Detail</b>				
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			



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

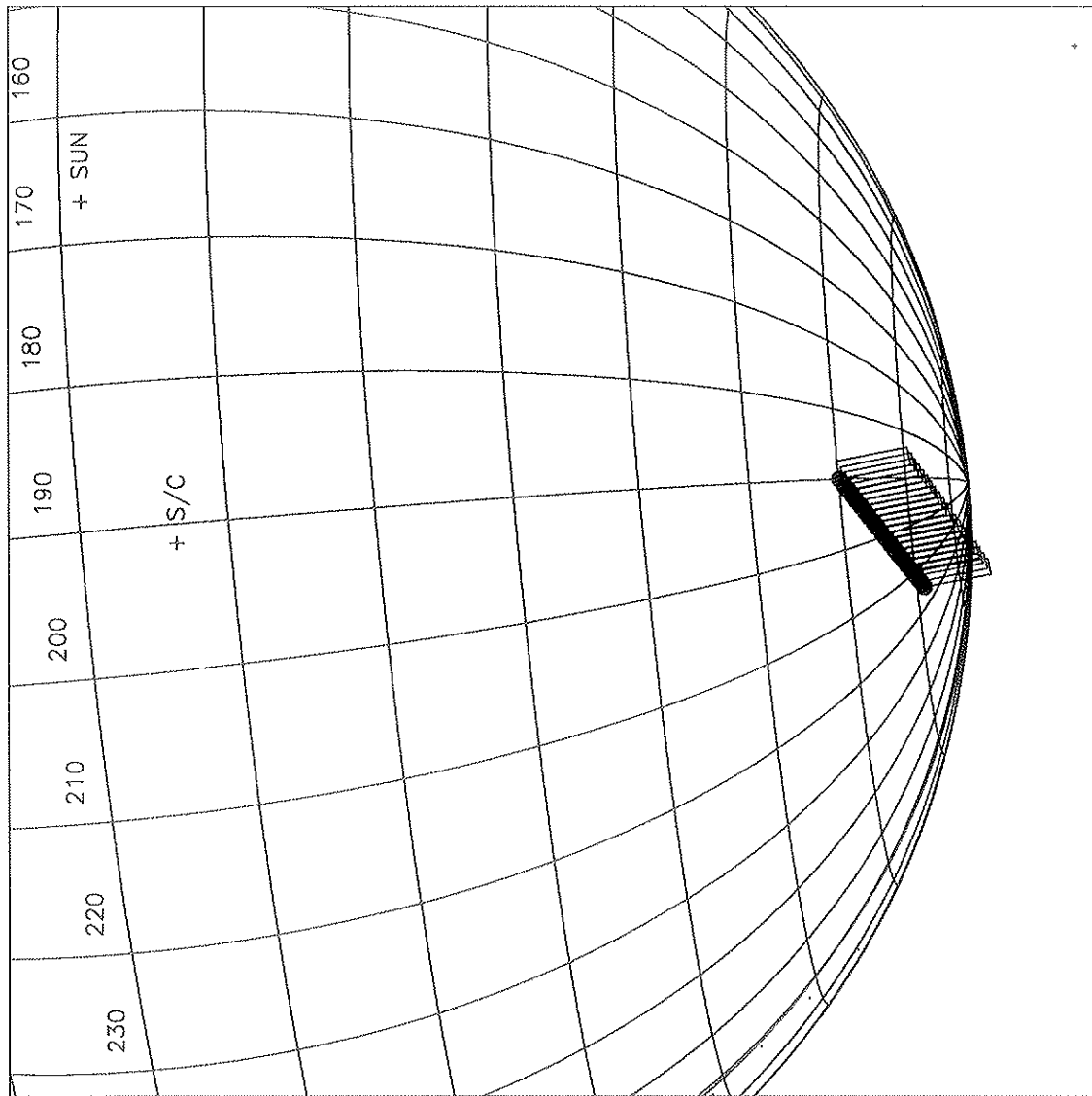
START:GTE 96-179/06:29:26.933 -CDS 77:00:0

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

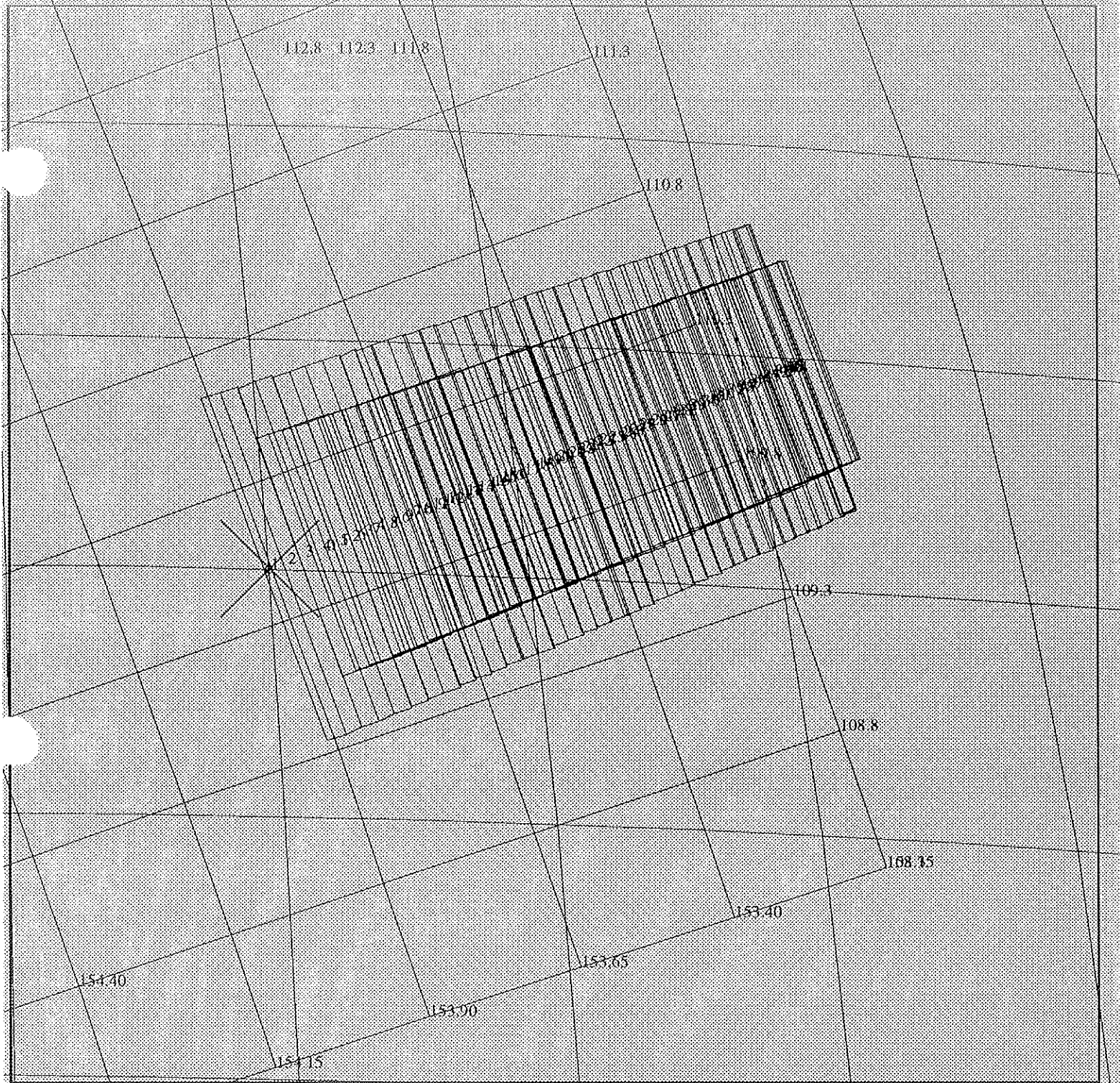


Start UTC\_TIME : 1996-179 // 05:12:33.000  
No End Time :  
Start SCLK : 1/03497534:01:1:5

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<sub>g</sub>

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
<b>Observation Objective</b>				
	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			
<b>Design Detail</b>				
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:#s= 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

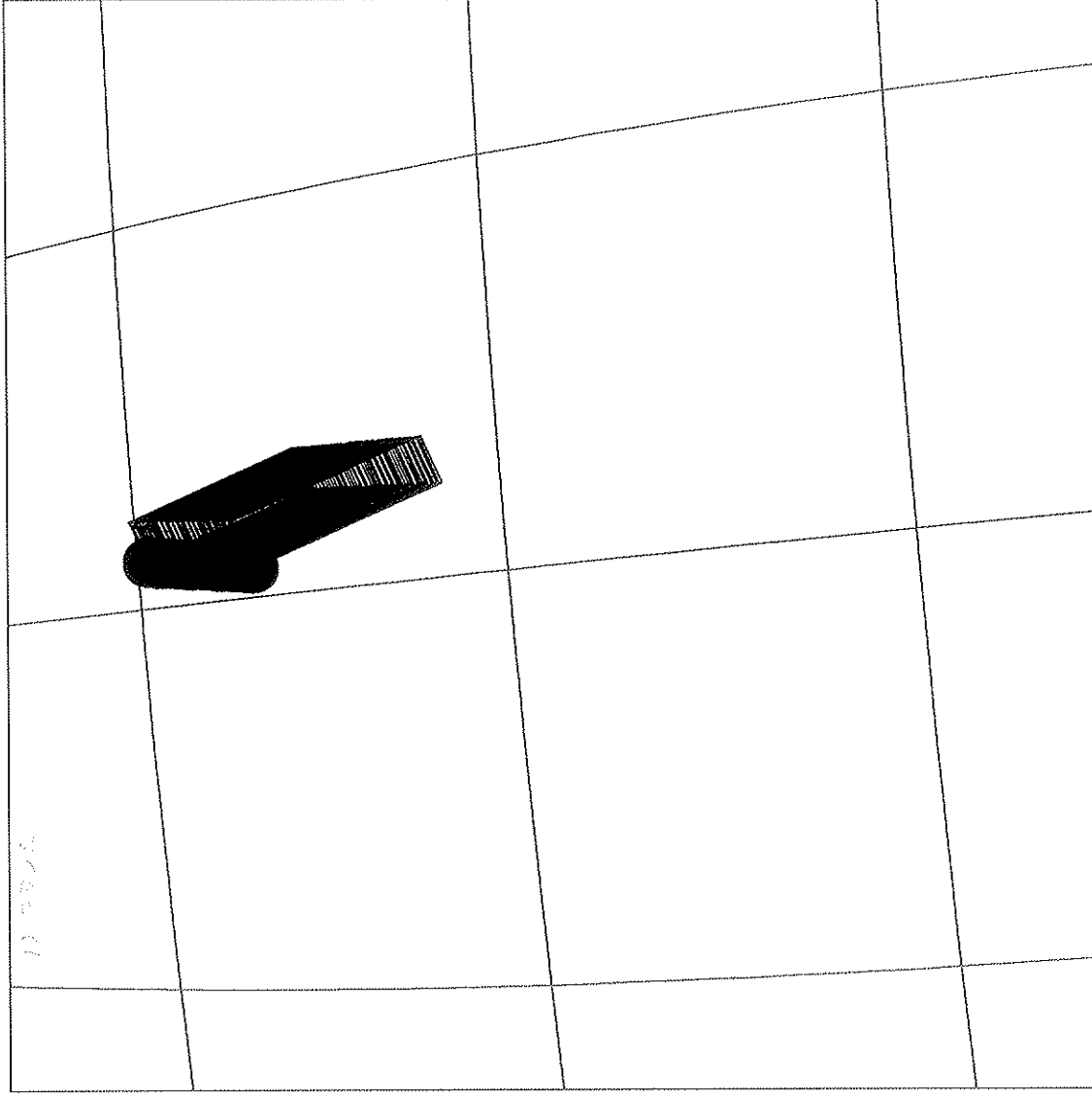
START:GTE 96-179/06:29:26.933 -CDS 68:00:0

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

OBSERVATION:G1GNNIPPUR01

DESCRIP:Nippur Sulcus groove&furrow

Mon Apr 29 15:30:49 1996

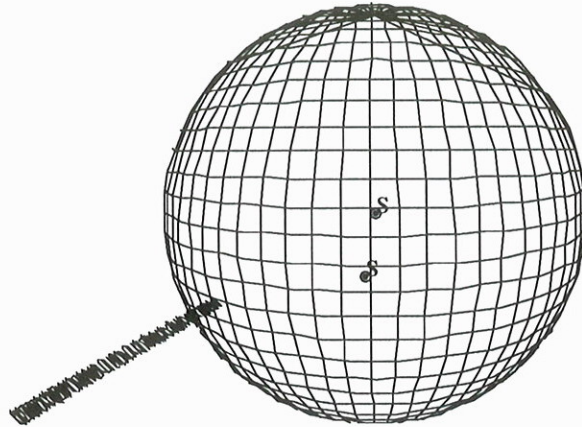


Start UTC\_TIME : 1996-179 // 05:16:58.000  
No End Time :  
Start SCLK : 1/03497538:04:6:5

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		
<b>Observation Objective</b>							
<div style="border: 1px solid black; padding: 5px; width: 200px; height: 150px; display: inline-block; vertical-align: top;"></div> <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 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.</p> <p>UVS Configuration = Lyman-Alpha Mini-Scans Atomic Oxygen Mini-Scans</p> <p>PB Mbits = (7 RIMs)(1008+144 bps) = 0.489 Mbits</p>							
<b>Design Detail</b>							
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					
009	8	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)	(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

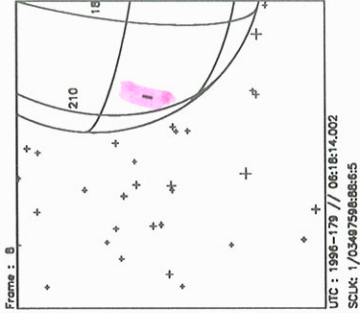
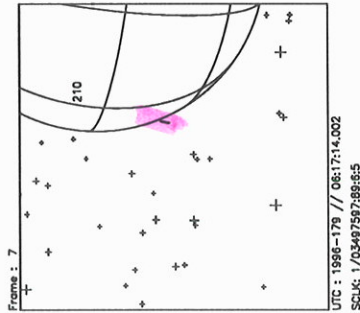
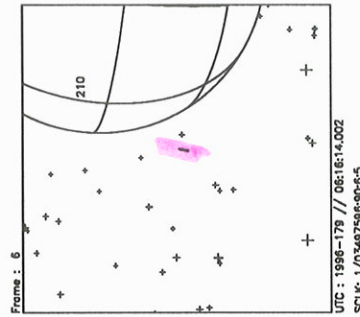
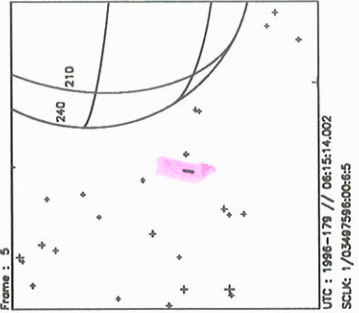
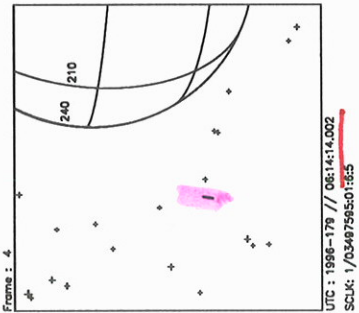
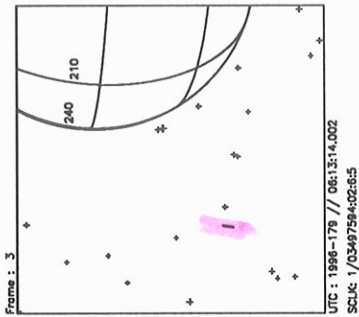
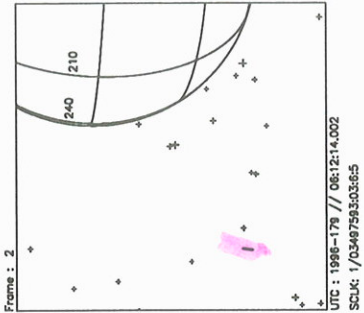
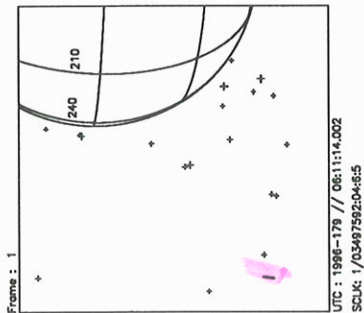
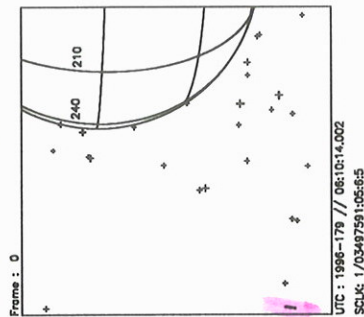
ERIAPSIS:

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

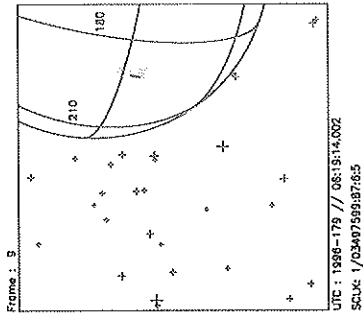




RTS reports RA = 313.04  
 SCL = 179 // 06:14:12 DEC = -38.96

Start UTC\_TIME : 1996-179 // 06:10:14.000  
 No End Time :  
 Start SCLK : 1/03497591:05:65

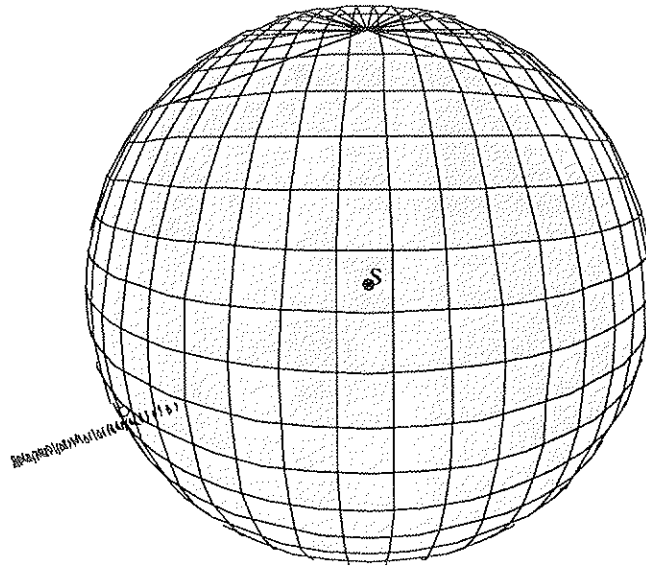
Target Body : GANYMEDE  
 Target Cone/Clock : 169.94 / 77.63 Deg  
 S/C to Body Center : 9239.457 Km ( 3.5077664 Rg )  
 Z-axis Pointing ( Ra / Dec ) : 102.80 / 25.00 Deg



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

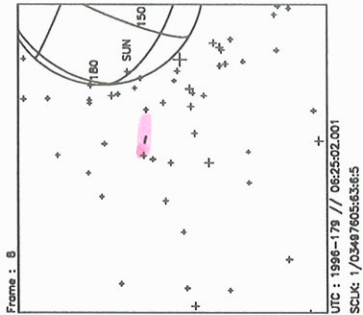
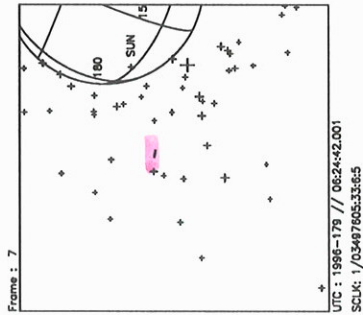
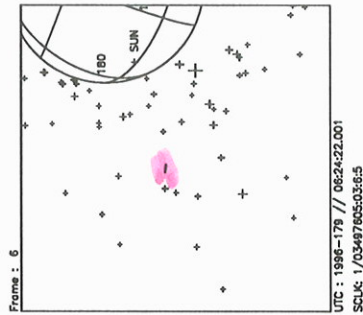
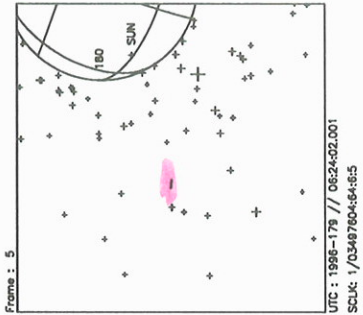
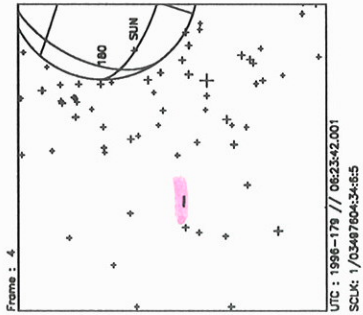
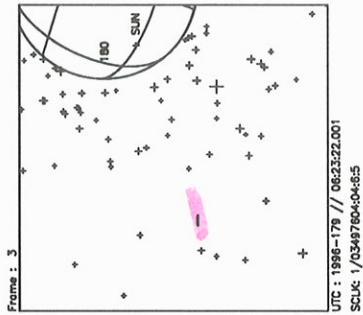
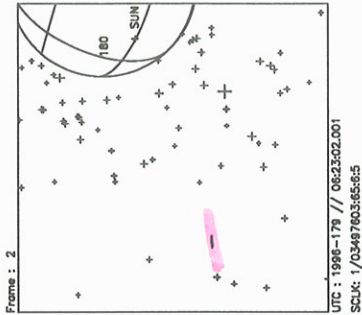
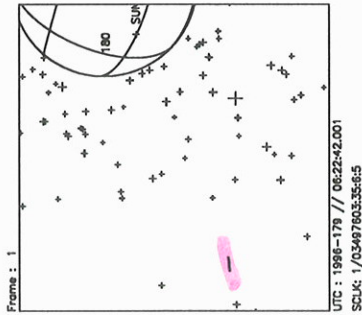
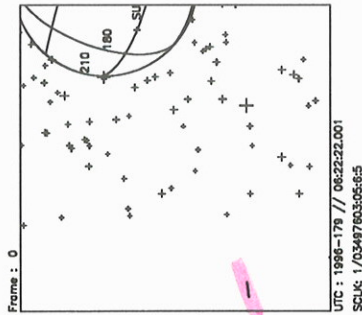
; EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 1

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

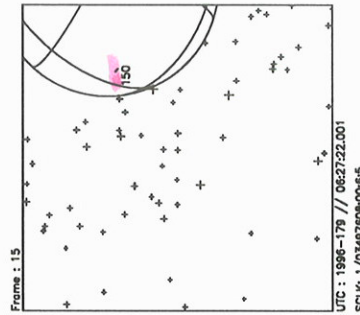
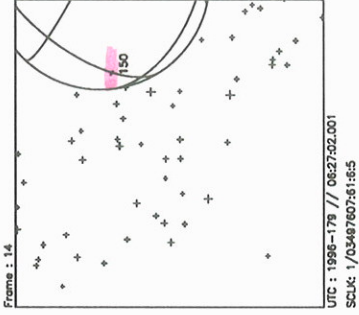
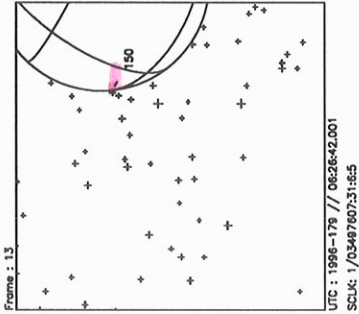
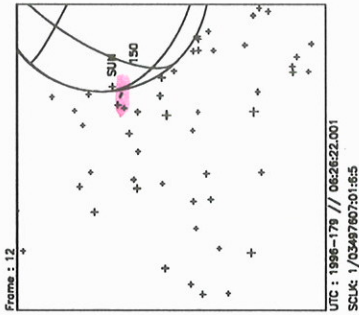
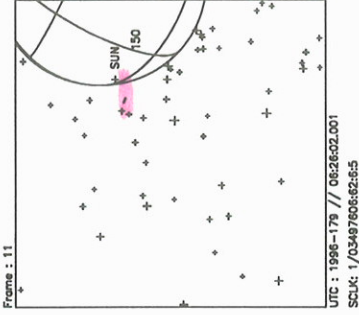
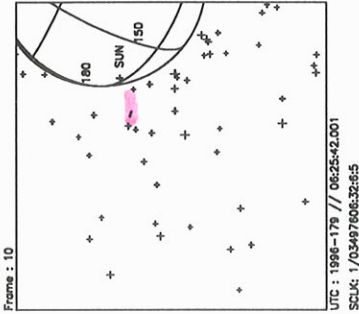
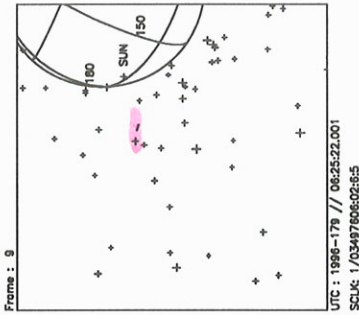
BODY PLOT TIME:96-179/06:27:25.600 D= 0 S= 0.250



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

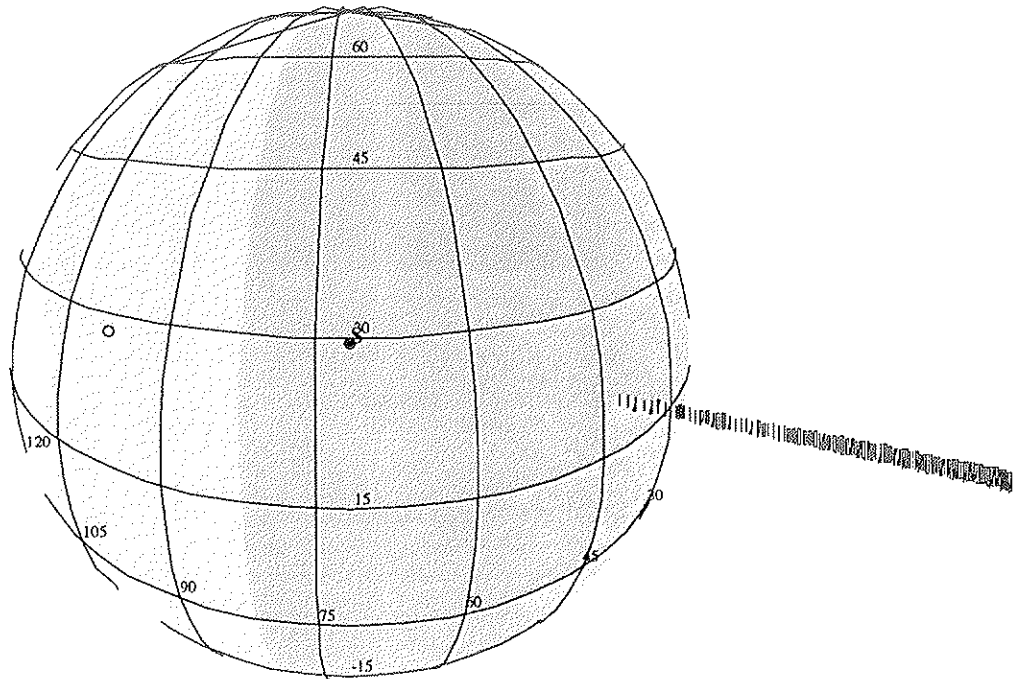
RTS @ 179//06:24 29.086 , -32.108



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




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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

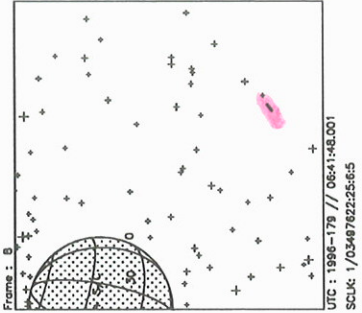
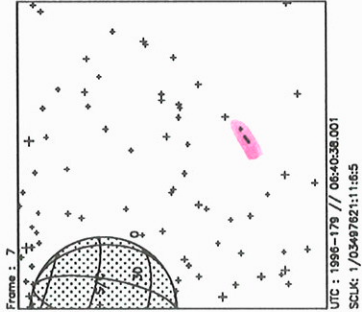
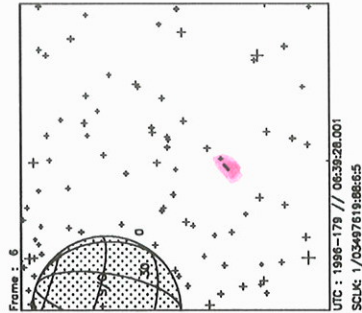
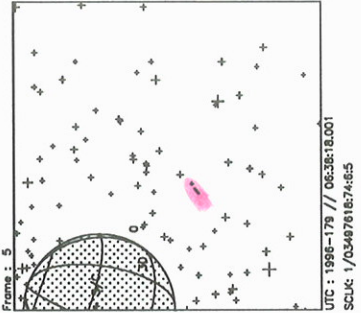
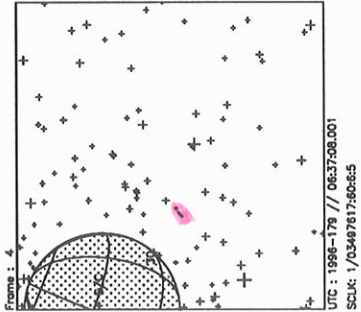
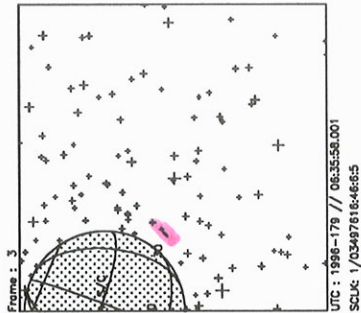
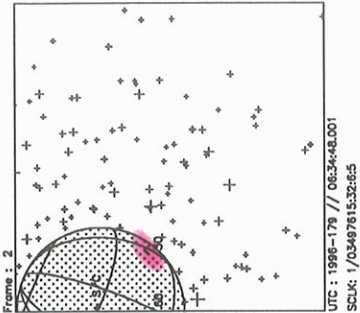
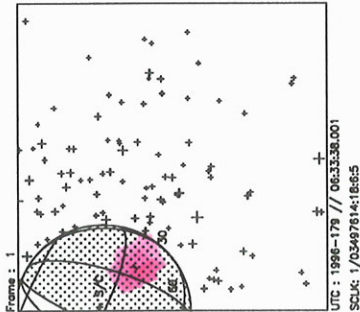
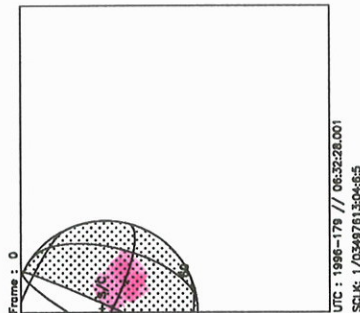
ERIAPSIS:

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



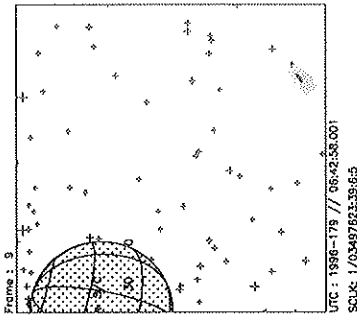


Start UTC.TIME : 1996-179 // 06:32:28.000  
 No End Time :  
 Start SCLK : 1/03497613:04:6:5

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:*

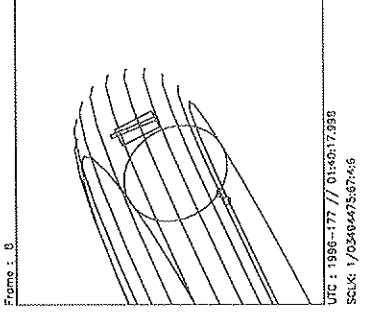
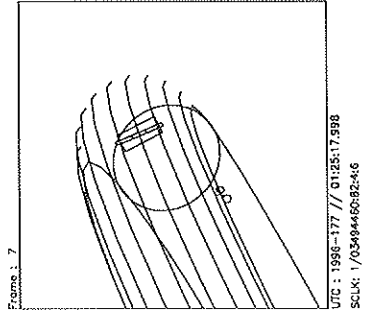
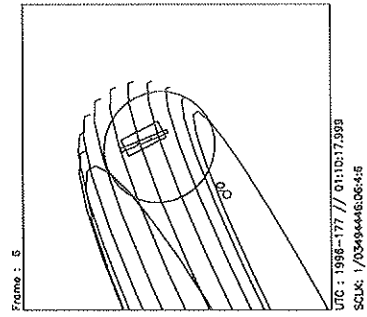
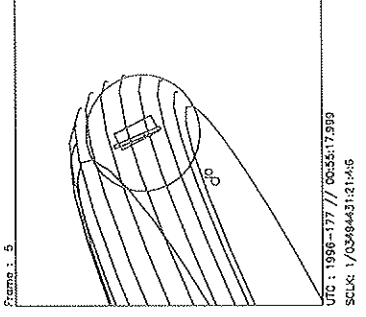
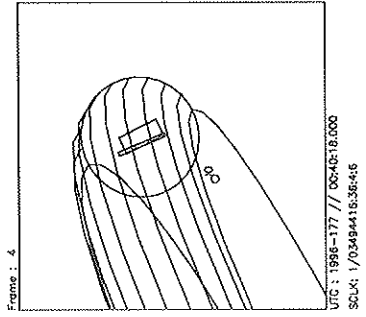
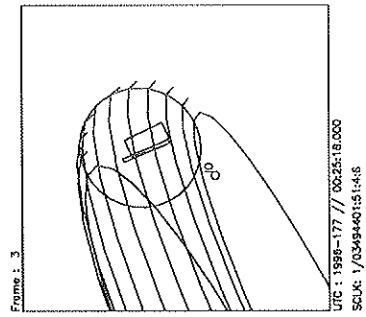
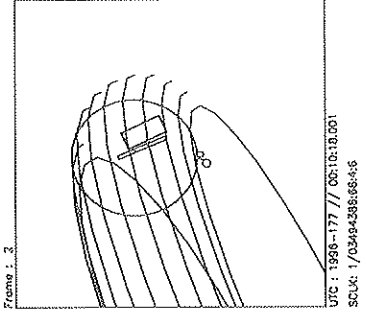
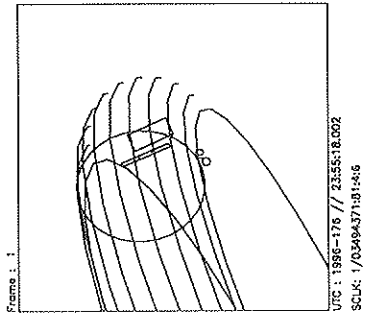
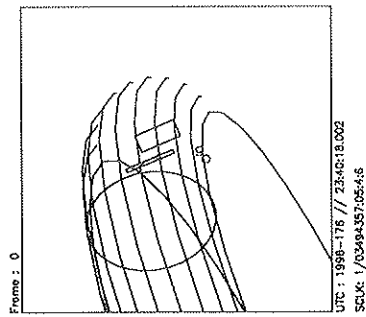
*359.758 , -34.195  
 1753 , -34.195*



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

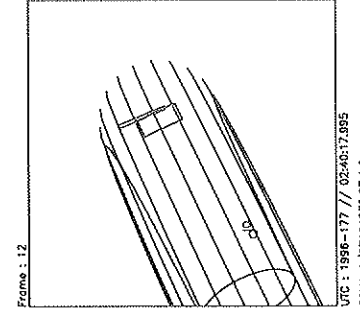
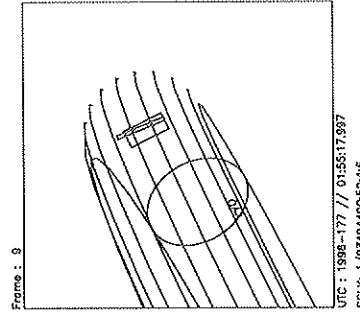
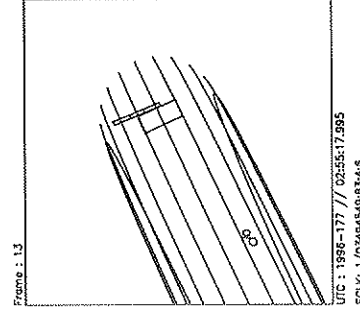
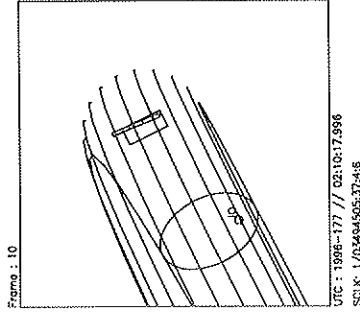
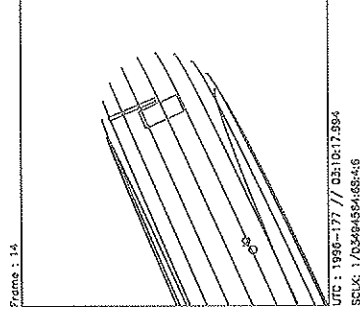
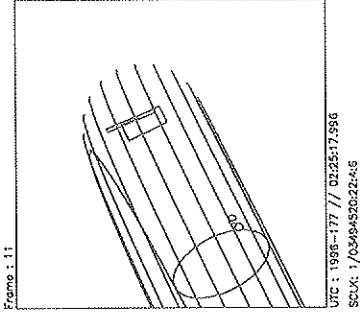
Target Body : GANYMEDE  
 Target Cone/Clock : 55.17/294.48 Deg  
 S/C to Body Center : 7219.671 Km ( 2.7409532 Rg )  
 Z-axis Pointing ( Ra / Dec ) : 102.80 / 25.00 Deg

<b>Activity ID:</b> Orbit G1 OAPEL TUG1NPRO		<b>SeqNo</b> 01-
<b>Title</b>	UVS NOON ANSA PROFILE 1	<b>Instrument</b> UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS 37737	<b>Team</b> UVS <b>Working Group</b> MWG
<b>Time System</b> CDS	<b>Load ID</b> G1A	<b>Calendar Date</b> 06/24/96 <b>Week</b> 26
<b>Start</b>	JEE-CDS 00004323:00:0	96-176/23:40:18.266 JEE-003/00:51:02.000
<b>End</b>	JEE-CDS 00004115:00:0	96-177/03:10:36.933 JEE-002/21:20:43.333
<b>Duration</b>	00000208:00:0	000/03:30:18.667 000/03:30:18.667
<b>Top Label</b>	GITUG1NPRO01-	
<b>Bottom Label</b>	(UVS RTS Torus)	
<b>Plot Key</b>	UVS	<b>Type</b> SCI
<b>CDS Bytes</b>	214	<b>Report Options</b> BOTH <b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<b>Spin State</b> DUAL <b>DMS</b> No
<b>Observation Objective</b>		
UVS 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		
<b>Design Detail</b>		
PSID	RIM:mf CDS PA	Last modified 05/04/96
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 : 2560.358 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 : 1/03494357:05:4:6

<b>Activity ID:</b>	Orbit G1 OAPEL TUG1MPRO	<b>SeqNo</b>	04-
<b>Title</b>	UVS MIDNIGHT ANSA PROFILE 4	<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS 37737	<b>Team</b>	UVS
		<b>Working Group</b>	MWG

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<b>Time System</b>	CDS	<b>Load ID</b>	G1A	<b>Calendar Date</b>	06/25/96	<b>Week</b>	26
<b>Start</b>	JEE-CDS 00004115:00:0		96-177/03:10:36.933		JEE-002/21:20:43.333		
<b>End</b>	JEE-CDS 00003871:00:0		96-177/07:17:19.600		JEE-002/17:14:00.666		
<b>Duration</b>	00000244:00:0		000/04:06:42.667		000/04:06:42.667		

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<b>Top Label</b>	G1TUG1MPRO04-		
<b>Bottom Label</b>	(UVS RTS Torus)		
<b>Plot Key</b>	UVS	<b>Type</b>	SCI
<b>CDS Bytes</b>	298	<b>Report Options</b>	BOTH
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL
		<b>DMS</b>	No

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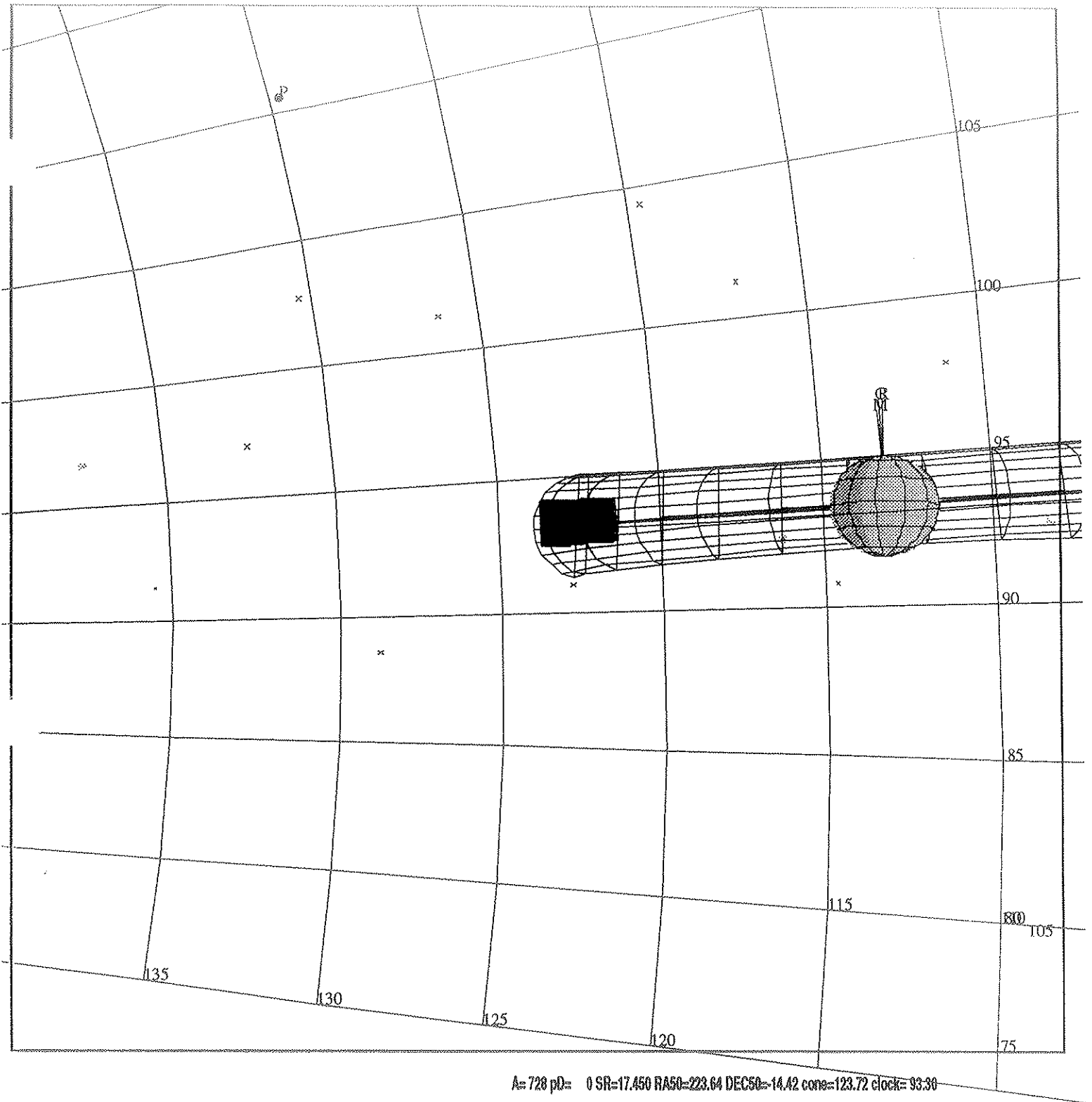
**Observation Objective**

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)  
 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

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**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]	



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:

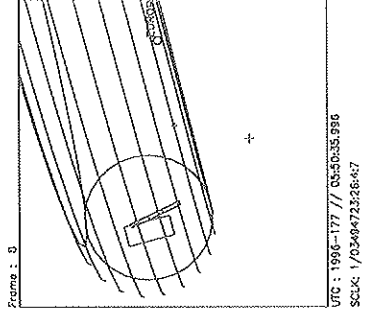
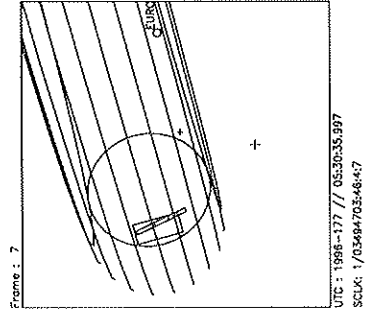
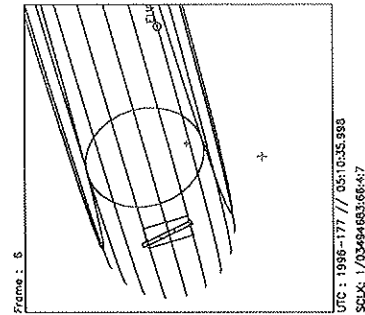
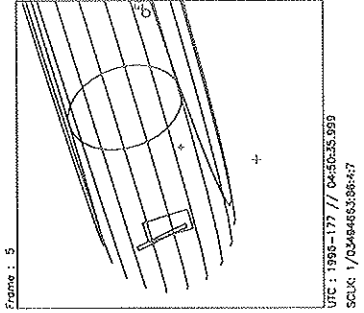
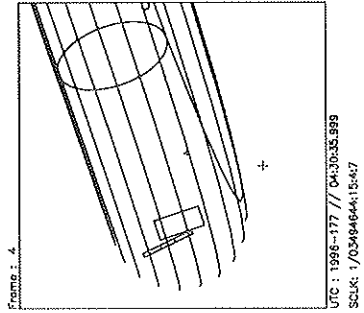
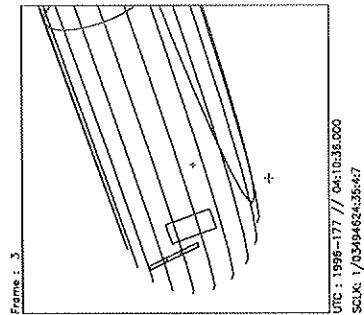
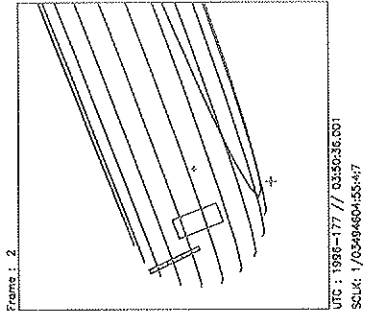
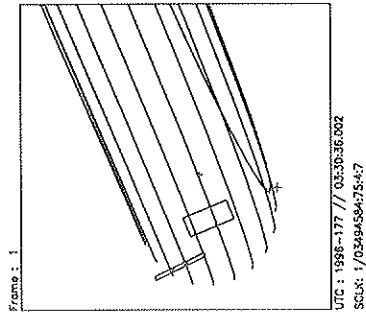
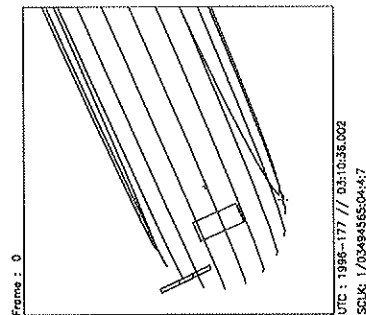
THINNING:NONE :UVS 1

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

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

OBSERVATION:G1TUG1MPRO04

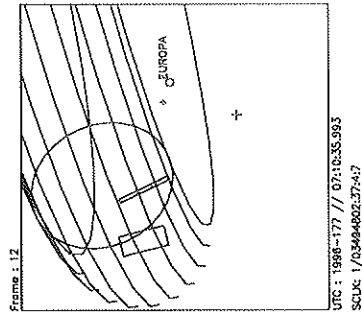
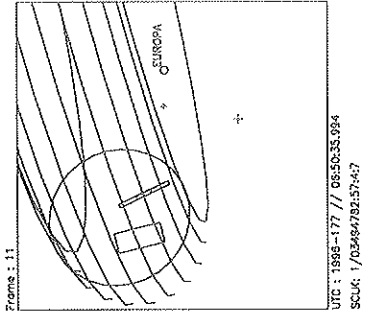
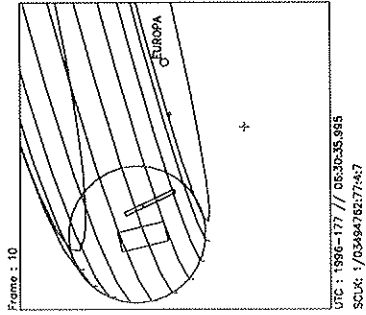
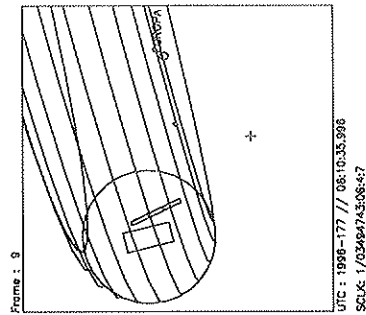
DESCRIP:Midnight Ansa Profile 4 Phase 2



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





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 : 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

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

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

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

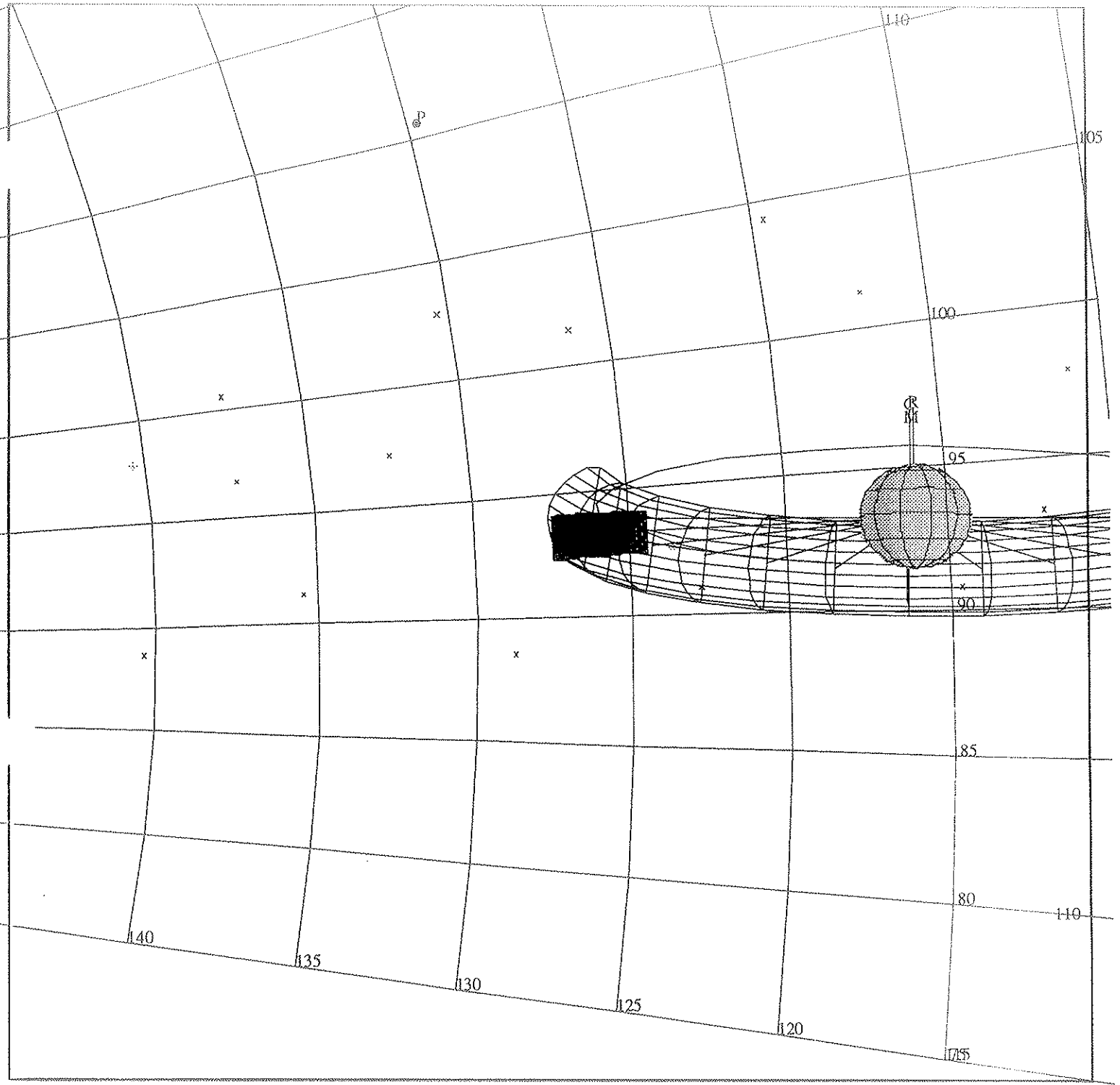
**Observation Objective**

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 05/04/96
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:

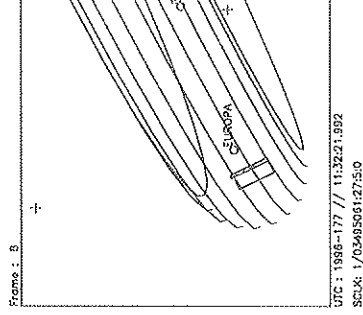
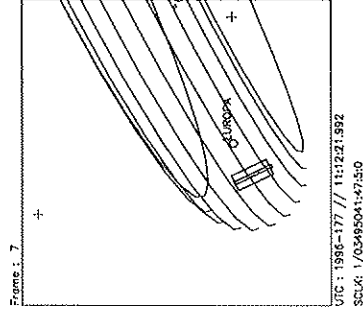
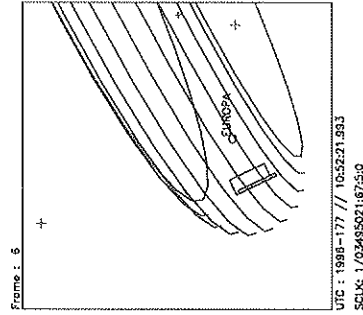
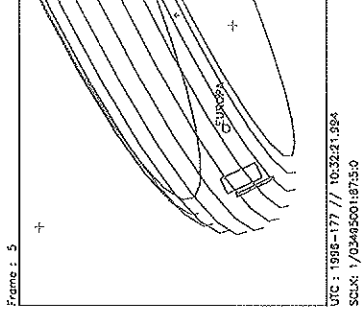
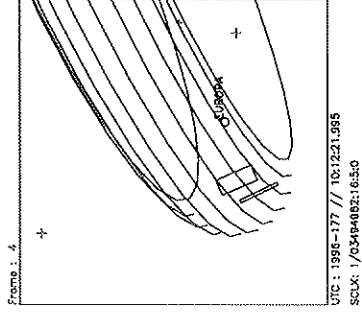
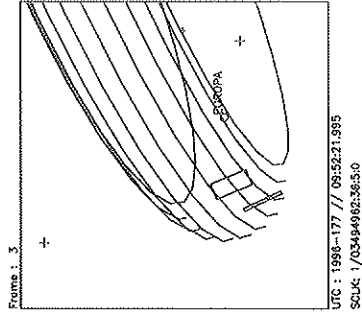
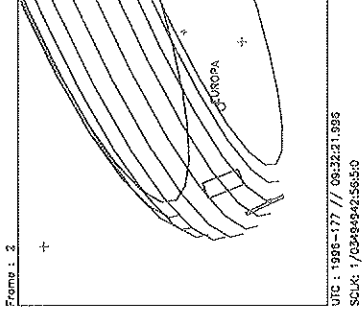
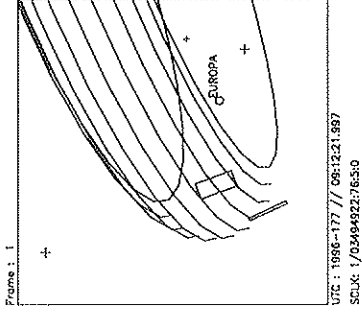
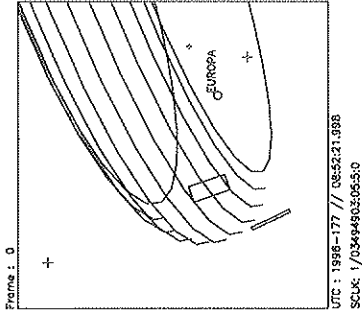
THINNING:NONE :UVS 1

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

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

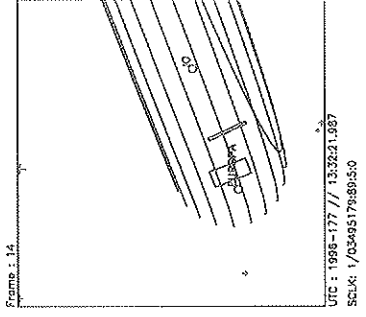
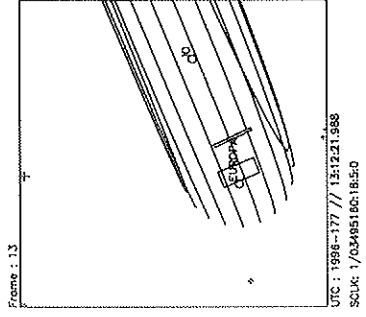
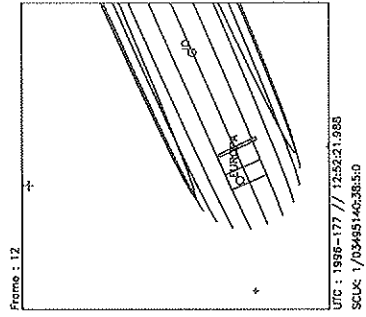
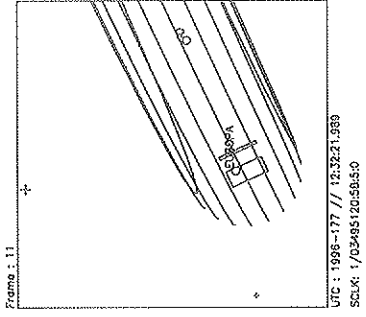
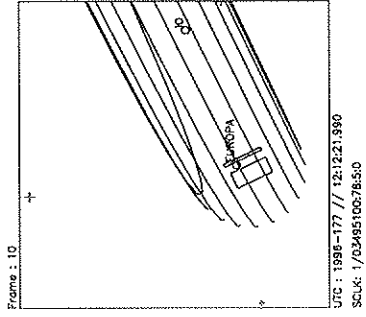
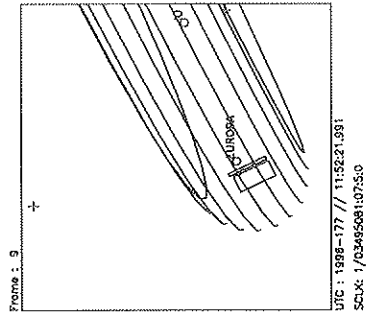
OBSERVATION:G1TUG1MPRO05

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

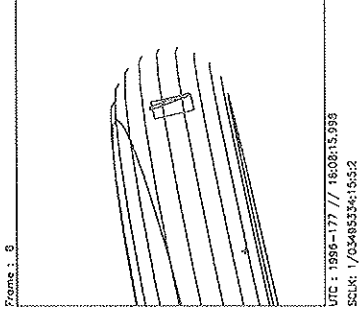
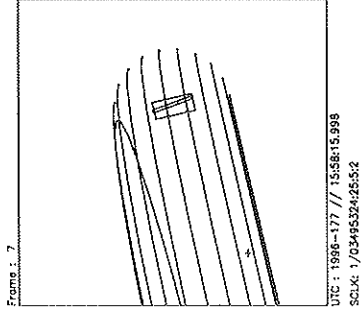
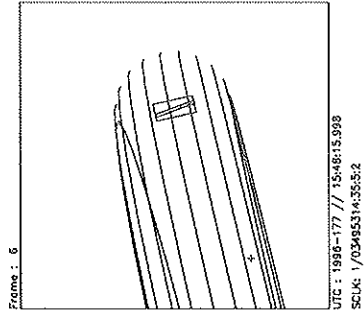
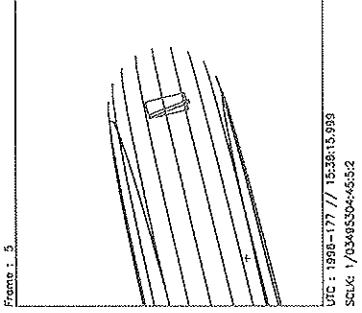
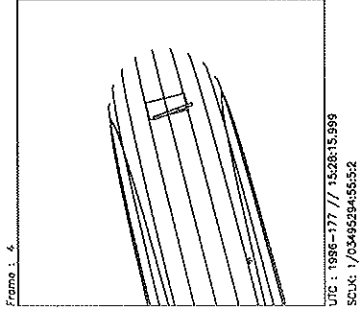
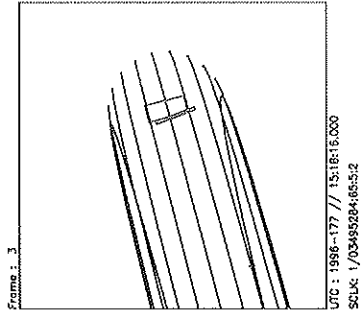
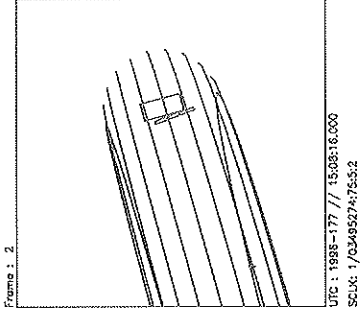
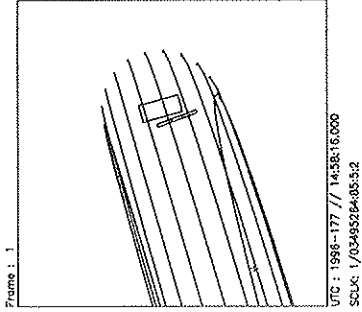
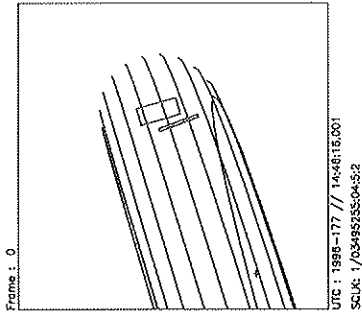
Target Body : JUPITER  
Target Cone/Clock : 115.94 / 93.27 Deg  
S/C to Body Center : 2371577. Km ( 33.172617 R<sub>J</sub> )  
Z-axis Pointing ( Ra / Dec ) : 102.80 / 25.00 Deg



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

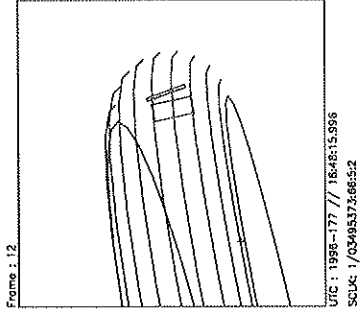
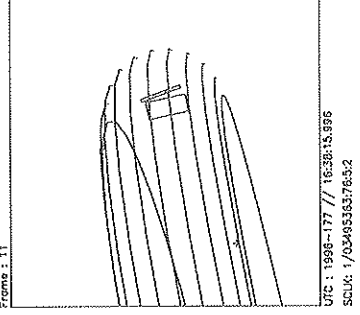
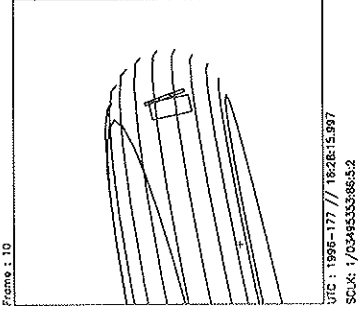
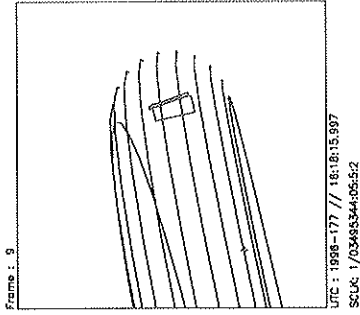
Target Body : JUPITER  
 Target Cone/Clock : 117.57 / 93.23 Deg  
 S/C to Body Center : 2288690. Km ( 32.013236 Rj )  
 Z-axis Pointing ( Ro / Dec ) : 102.80 / 25.00 Deg

<b>Activity ID:</b> Orbit G1 OAPEL TUG1NPRO		<b>SeqNo</b> 02-
<b>Title</b>	UVS NOON ANSA PROFILE 2	<b>Instrument</b> UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS 37737	<b>Team</b> UVS
		<b>Working Group</b> MWG
<b>Time System</b> CDS	<b>Load ID</b> G1A	<b>Calendar Date</b> 06/25/96
		<b>Week</b> 26
<b>Start</b>	JEE-CDS 00003425:00:0	96-177/14:48:16.933
		JEE-002/09:43:03.333
<b>End</b>	JEE-CDS 00003306:00:0	96-177/16:48:36.266
		JEE-002/07:42:44.000
<b>Duration</b>	00000119:00:0	000/02:00:19.333
		000/02:00:19.333
<b>Top Label</b>	G1TUG1NPRO02-	
<b>Bottom Label</b>	(UVS RTS Torus)	
<b>Plot Key</b>	UVS	<b>Type</b> SCI
<b>CDS Bytes</b>	172	<b>Report Options</b> BOTH
		<b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<b>Spin State</b> DUAL
		<b>DMS</b> No
<b>Observation Objective</b>		
UVS 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		
<b>Design Detail</b>		
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



<b>Activity ID:</b> Orbit G1 OAPEL TUG1MPRO		<b>SeqNo</b> 06-	
<b>Title</b> UVS MIDNIGHT ANSA PROFILE 6		<b>Instrument</b> UVS	
<b>Requestor</b> UVS-MWG/S.STEPHENS 37737	<b>Team</b> UVS	<b>Working Group</b> MWG	

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<b>Time System</b> CDS	<b>Load ID</b> G1A	<b>Calendar Date</b> 06/25/96	<b>Week</b> 26
<b>Start</b> JEE-CDS 00003255:00:0	96-177/17:40:10.266	JEE-002/06:51:10.000	
<b>End</b> JEE-CDS 00003118:00:0	96-177/19:58:41.600	JEE-002/04:32:38.666	
<b>Duration</b> 00000137:00:0	000/02:18:31.334	000/02:18:31.334	

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<b>Top Label</b> G1TUG1MPRO06-			
<b>Bottom Label</b> (UVS RTS Torus)			
<b>Plot Key</b> UVS	<b>Type</b> SCI		
<b>CDS Bytes</b> 172	<b>Report Options</b> BOTH	<b>Scan Platform</b> Yes	
<b>CDS Source</b> PA	<b>Spin State</b> DUAL	<b>DMS</b> No	

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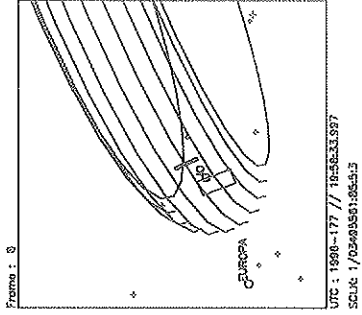
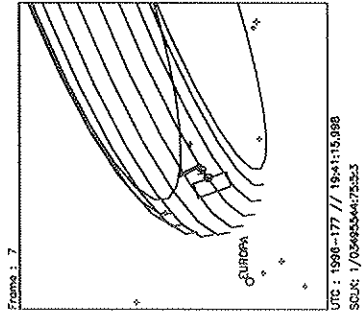
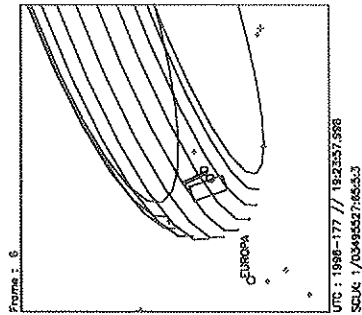
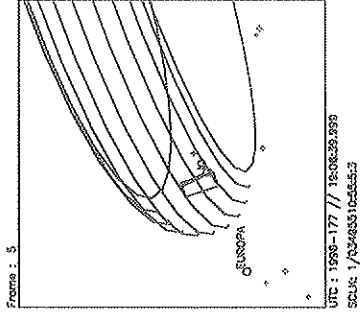
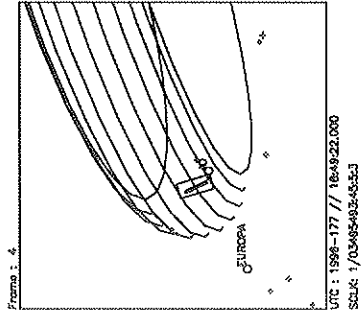
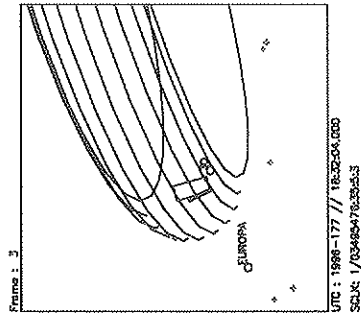
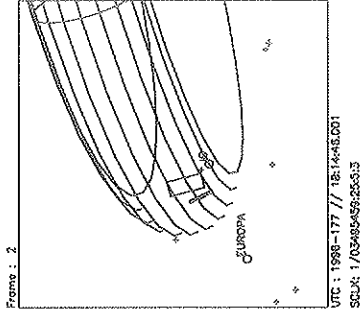
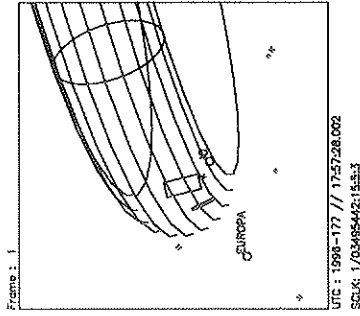
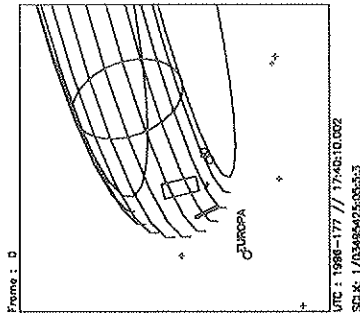
**Observation Objective**

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

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**Design Detail**

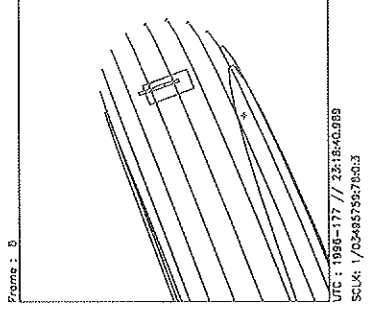
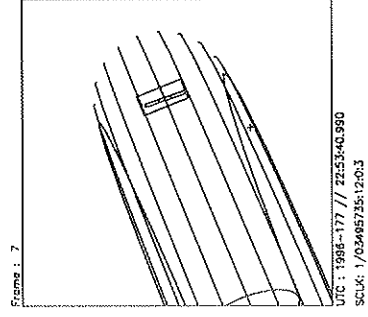
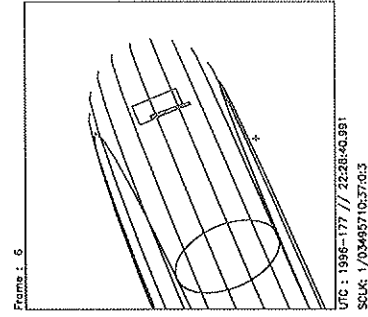
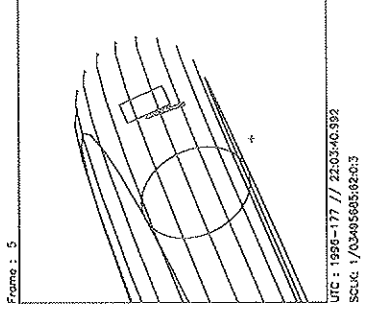
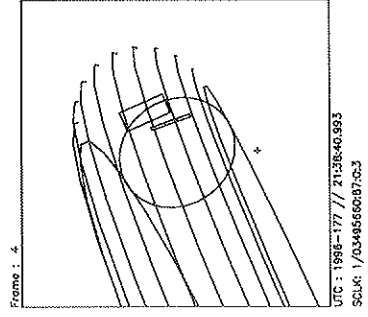
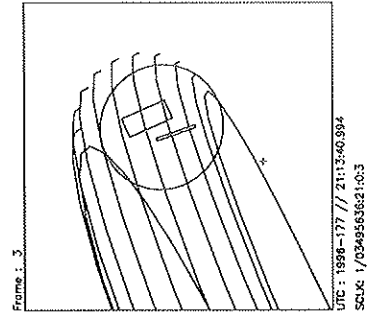
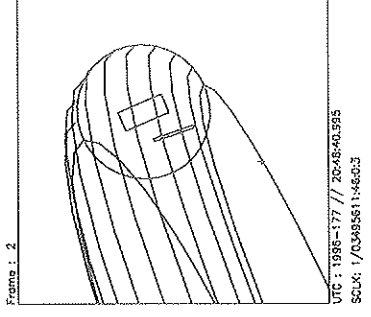
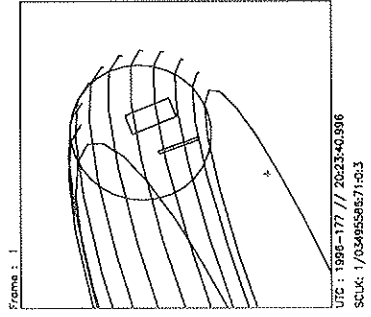
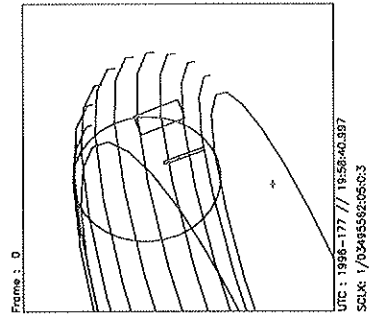
PSID	RIM:mf	CDS PA	Last modified 05/04/96
384BJ	0	0	COMMENT [ UVS RIM 0]
157BK	3	52	CMDRS (10+14*3) [ PLAN DUR 134, EST UVS CMDS 3]
349MT	3:69	28	UVFLUSH [ 6UVRT, DISCRD, UVS]
165BH	4	36	TARGET [ CONE 133.52, CLOCK 94.85]
	4		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,7E,05,00,36 [ 1STEP G/G]
349MV	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]



Start UTC\_TIME : 1996-177 // 17:40:10.000  
No End Time :  
Start SCLK : 1/03495425:05:5:3

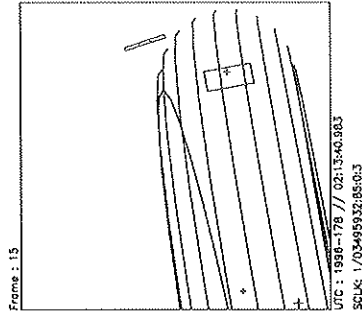
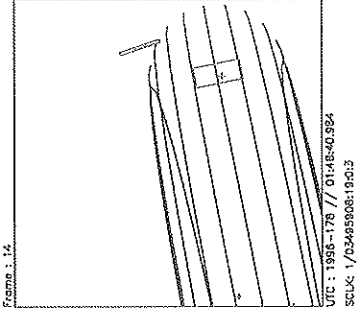
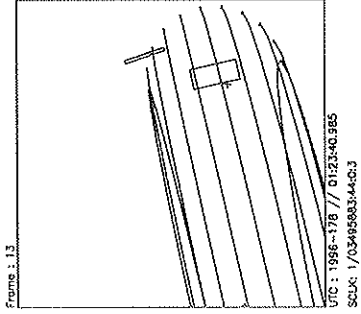
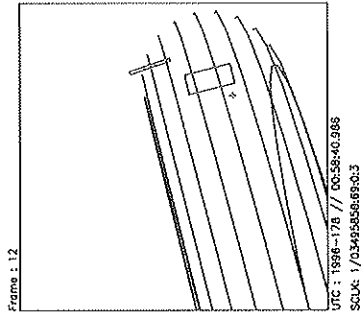
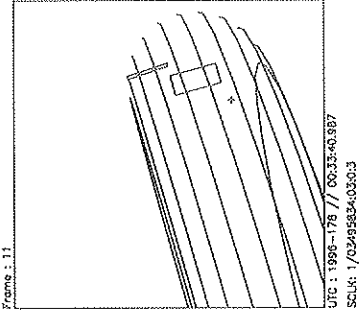
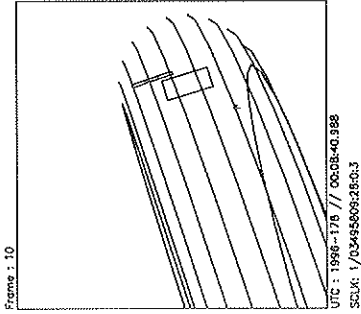
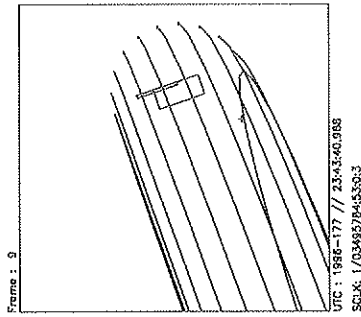
Target Body : JUPITER  
Target Cone/Clock : 121.06 / 93.15 Deg  
S/C to Body Center : 212.6151 Km ( 29.739705 Rj )  
Z-axis Pointing ( Ra / Dec ) : 102.80 / 25.00 Deg

<b>Activity ID:</b> Orbit G1 OAPEL TUG1NPRO		<b>SeqNo</b> 03-
<b>Title</b>	UVS NOON ANSA PROFILE 3	<b>Instrument</b> UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS 37737	<b>Team</b> UVS <b>Working Group</b> MWG
<b>Time System</b> CDS	<b>Load ID</b> G1A	<b>Calendar Date</b> 06/25/96 <b>Week</b> 26
<b>Start</b>	JEE-CDS 00003118:00:0 96-177/19:58:41.600	JEE-002/04:32:38.666
<b>End</b>	JEE-CDS 00002754:00:0 96-178/02:06:44.266	JEE-001/22:24:36.000
<b>Duration</b>	00000364:00:0 000/06:08:02.666	000/06:08:02.666
<b>Top Label</b>	GITUG1NPRO03-	
<b>Bottom Label</b>	(UVS RTS Torus)	
<b>Plot Key</b>	UVS	<b>Type</b> SCI
<b>CDS Bytes</b>	382	<b>Report Options</b> BOTH <b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<b>Spin State</b> DUAL <b>DMS</b> No
<b>Observation Objective</b>		
UVS 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		
<b>Design Detail</b>		
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]	



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 : 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

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

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

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

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

**Observation Objective**

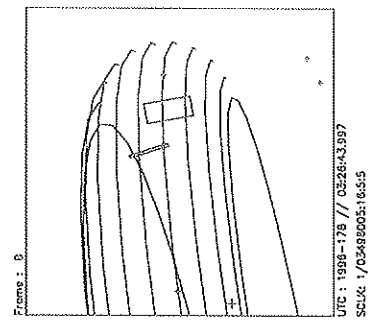
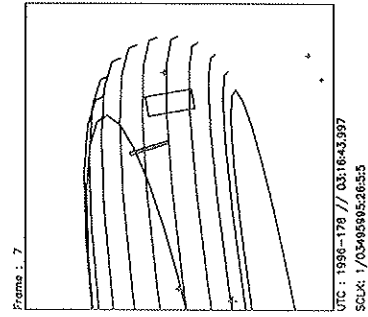
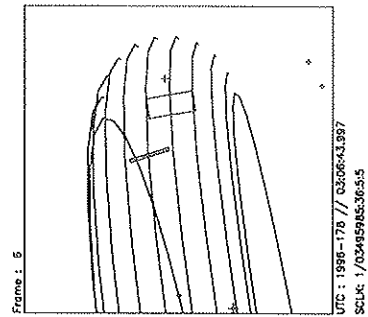
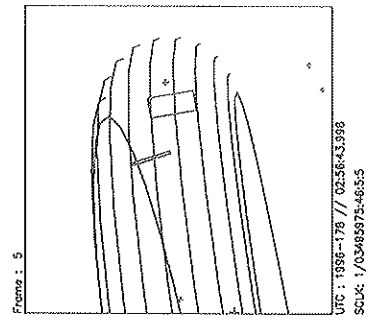
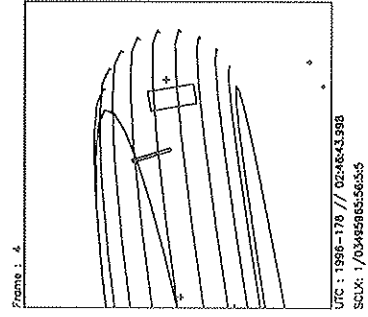
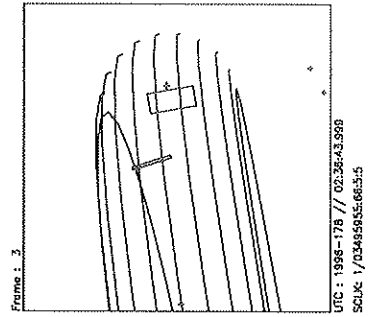
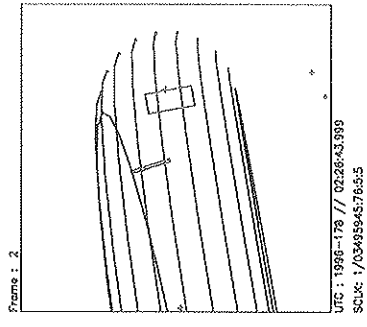
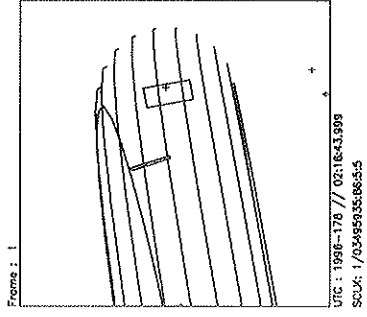
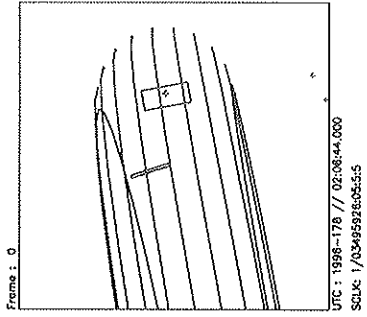
UVS IO TORUS NOON ANSA RADIAL PROFILE 4 (PART 1) (NO EUV):  
 From: 4.76 Rj (inside ribbon) at cone > 90 (ribbon at 5.63 Rj, Sys III W Long 290)  
 To: 5.37 Rj at fixed cone  
 Data rate: Instrument states last 60 RIMS; thus, 4.87 bps UVS  
 OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):  
 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**

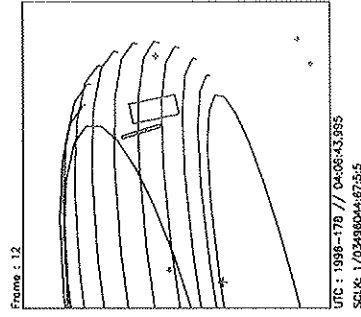
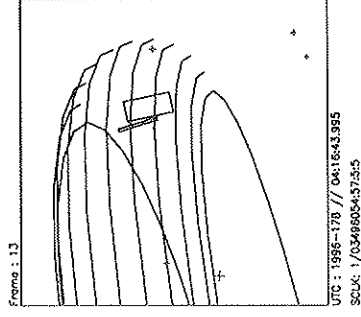
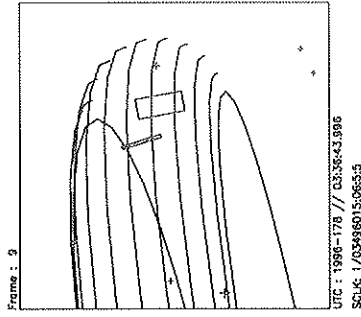
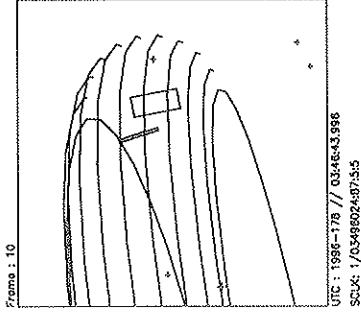
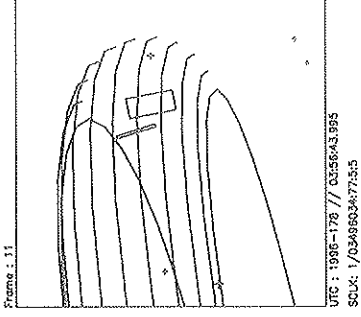
PSID	RIM:mf	CDS PA	Last modified 05/04/96
384BL	0	0	COMMENT [ UVS RIM 0]
157BN	3	52	CMDRS (10+14*3) { PLAN DUR 121, EST UVS CMDS 3}
349NM	3:69	28	UVFLUSH [ 6UVRT, DISCRD, UVS]
165BJ	4	36	TARGET [ CONE 116.92, CLOCK 92.29]
	4		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 6A [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



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 : 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

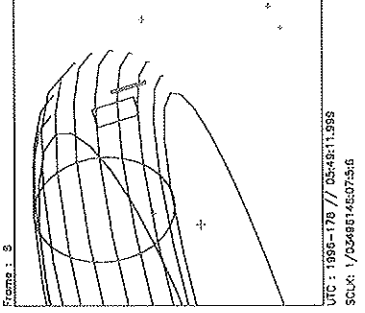
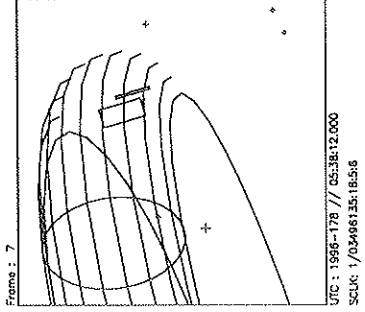
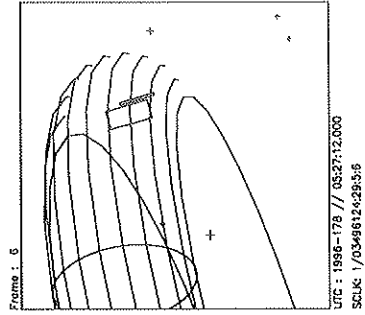
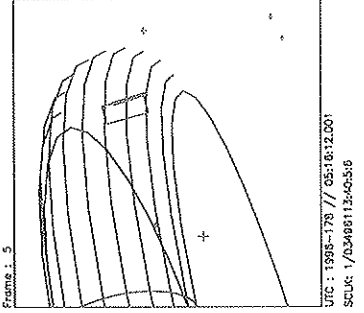
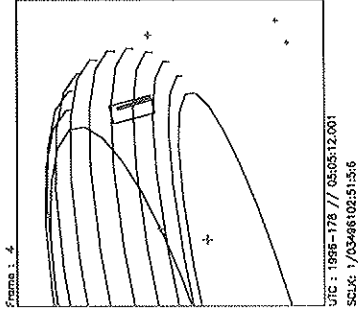
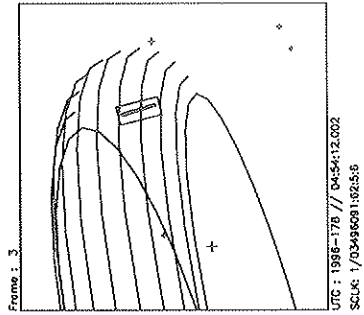
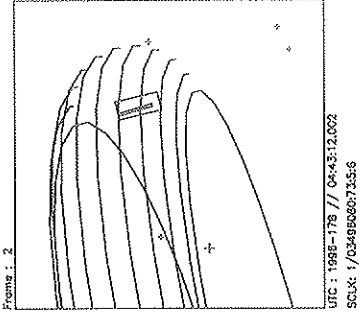
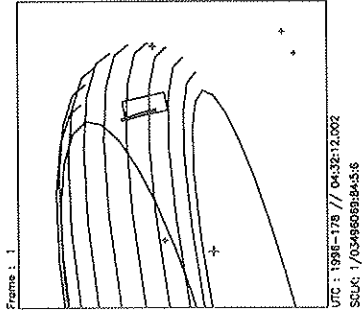
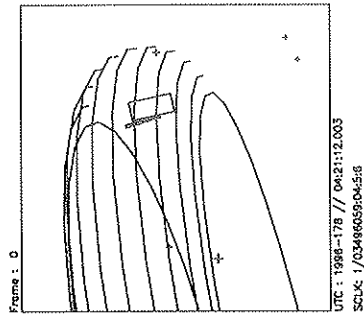


Start UTC\_TIME : 1996-178 // 02:06:44.000  
No End Time :  
Start SCLK : 1/03495926:05:5:5

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

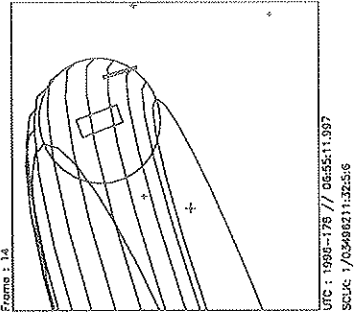
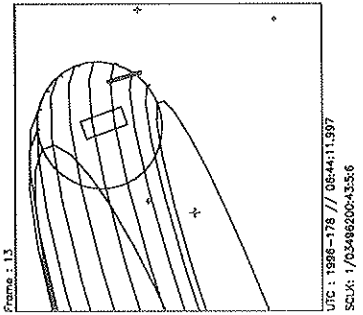
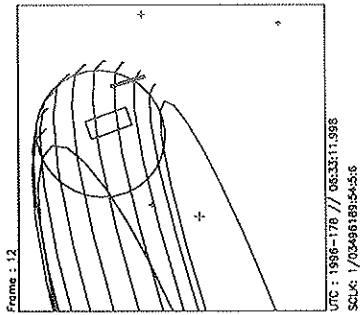
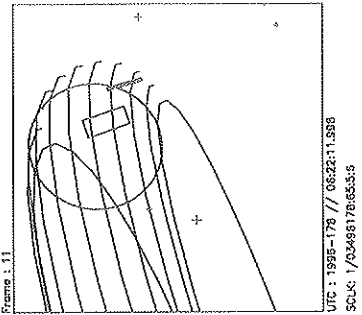
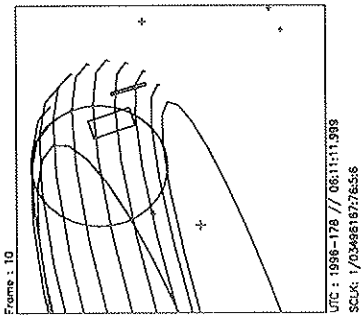
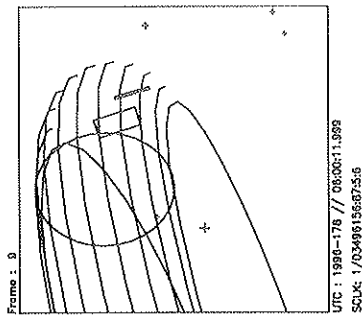


<b>Activity ID:</b> Orbit G1 OAPEL TUG1NPRO		<b>SeqNo</b> 42-
<b>Title</b>	UVS NOON ANSA PROFILE 4-2	<b>Instrument</b> UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS 37737	<b>Team</b> UVS
		<b>Working Group</b> MWG
<b>Time System</b> CDS	<b>Load ID</b> G1A	<b>Calendar Date</b> 06/26/96
		<b>Week</b> 26
<b>Start</b>	JEE-CDS 00002621:00:0	96-178/04:21:12.933
		JEE-001/20:10:07.333
<b>End</b>	JEE-CDS 00002464:00:0	96-178/06:59:57.600
		JEE-001/17:31:22.666
<b>Duration</b>	00000157:00:0	000/02:38:44.667
		000/02:38:44.667
<b>Top Label</b>	G1TUG1NPRO42-	
<b>Bottom Label</b>	(UVS RTS Torus)	
<b>Plot Key</b>	UVS	<b>Type</b> SCI
<b>CDS Bytes</b>	172	<b>Report Options</b> BOTH
		<b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<b>Spin State</b> DUAL
		<b>DMS</b> No
<b>Observation Objective</b>		
UVS 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		
<b>Design Detail</b>		
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

<b>Activity ID:</b>	Orbit G1 OAPEL TUGINPRO	<b>SeqNo</b>	62--
<b>Title</b>	UVS NOON ANSA PROFILE 6-2	<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS 37737	<b>Team</b>	UVS
		<b>Working Group</b>	MWG

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<b>Time System</b>	CDS	<b>Load ID</b>	G1A	<b>Calendar Date</b>	06/26/96	<b>Week</b>	26
<b>Start</b>	JEE-CDS 00001854:00:0		96-178/17:16:44.266		JEE-001/07:14:36.000		
<b>End</b>	JEE-CDS 00001609:00:0		96-178/21:24:27.600		JEE-001/03:06:52.666		
<b>Duration</b>	00000245:00:0		000/04:07:43.334		000/04:07:43.334		

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<b>Top Label</b>	GITUGINPRO62--		
<b>Bottom Label</b>	(UVS RTS Torus)		
<b>Plot Key</b>	UVS	<b>Type</b>	SCI
<b>CDS Bytes</b>	298	<b>Report Options</b>	BOTH
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL
		<b>Scan Platform</b>	Yes
		<b>DMS</b>	No

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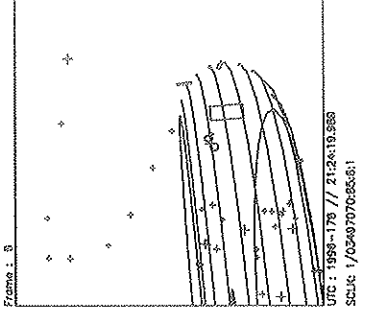
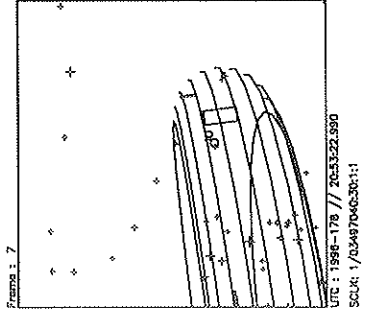
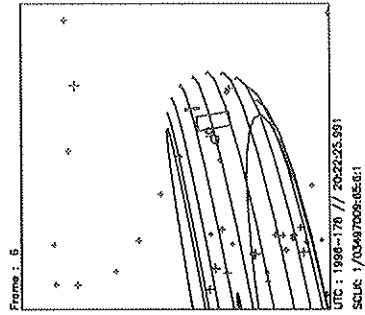
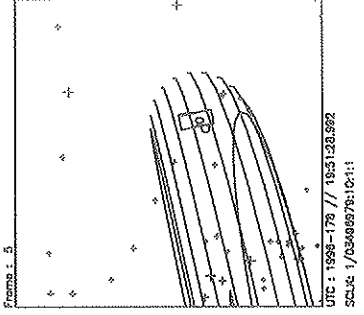
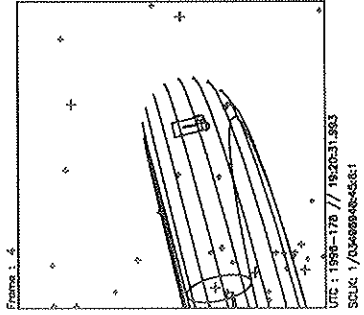
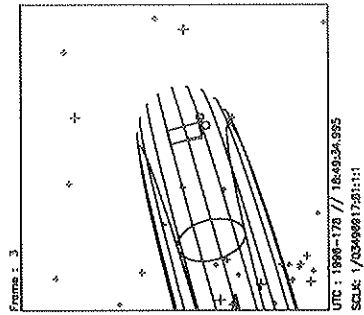
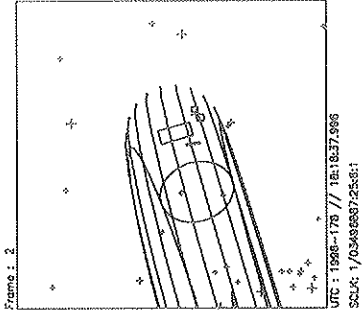
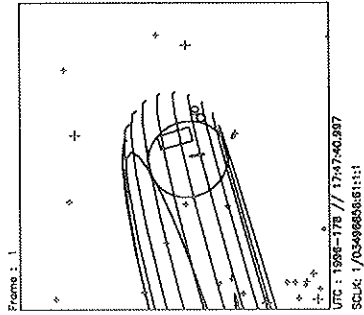
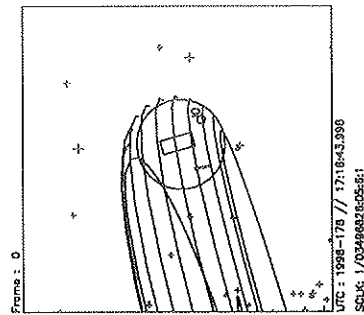
**Observation Objective**

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

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**Design Detail**

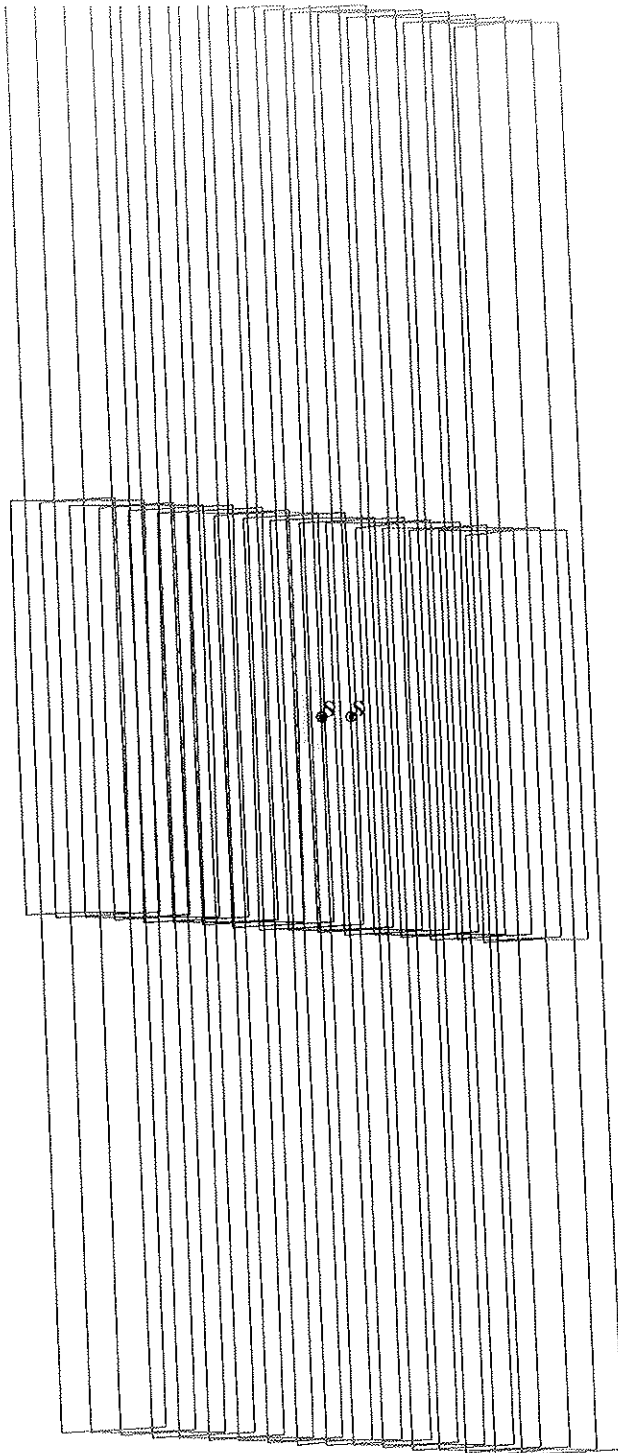
PSID	RIM:mf	CDS PA		Last modified 05/04/96
384BP	0	0	COMMENT [ UVS RIM 0]	
157BS	3	94	CMDRS (10+14*6) [ PLAN DUR 242, EST UVS CMDS 6]	
349OC	3:69	28	UVFLUSH [ 6UVRT, DISCRD, UVS]	
165BN	4	36	TARGET [ CONE 129.61, CLOCK 92.19]	
	4		34UVS, D3, F, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NO, 1, 08, 4D, 00, 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

<b>Activity ID:</b>	Orbit GI	OAPEL IUIECLPS	<b>SeqNo</b>	01-
<b>Title</b>	UVS IO ECLIPSE (PRE-INGRESS)		<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-SWG/K.NAVIAUX 37740	<b>Team</b>	UVS	<b>Working Group</b> SWG
<b>Time System</b>	CDS	<b>Load ID</b>	GIA	<b>Calendar Date</b> 06/23/96 <b>Week</b> 25
<b>Start</b>	JEE-CDS 00006030:00:0		96-175/18:54:20.266	JEE-004/05:37:00.000
<b>End</b>	JEE-CDS 00005991:00:0		96-175/19:33:46.266	JEE-004/04:57:34.000
<b>Duration</b>	00000039:00:0		000/00:39:26.000	000/00:39:26.000
<b>Top Label</b>	G1IUIECLPS01-			
<b>Bottom Label</b>	(real-time)			
<b>Plot Key</b>	UVS	<b>Type</b>	SCI	
<b>CDS Bytes</b>	130	<b>Report Options</b>	BOTH	<b>Scan Platform</b> Yes
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b> No
<b>Observation Objective</b>				
	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 measurment. 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			
<b>Design Detail</b>				
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				



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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

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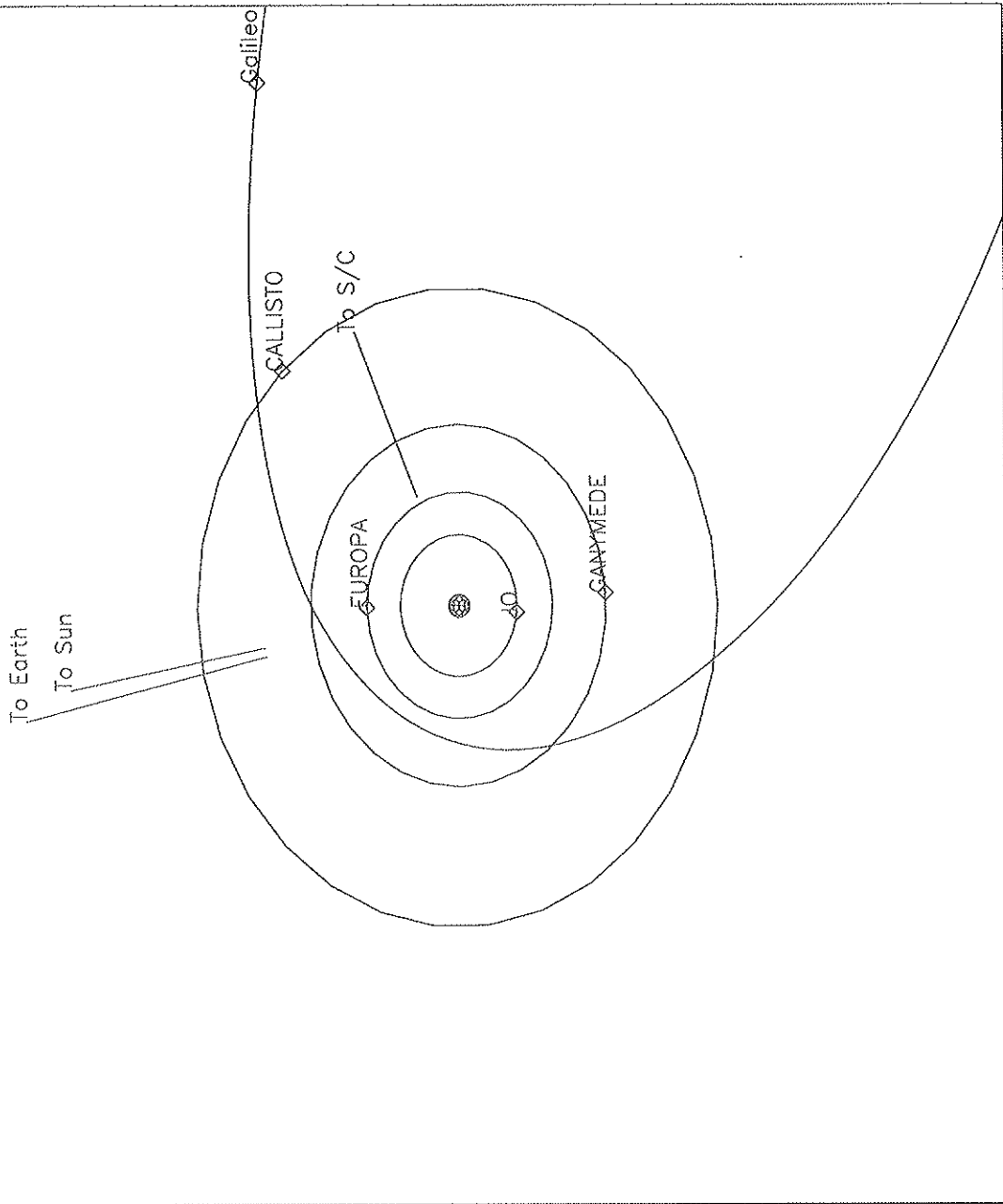
ERIAPSIS:

THINNING:NONE :UVS 1

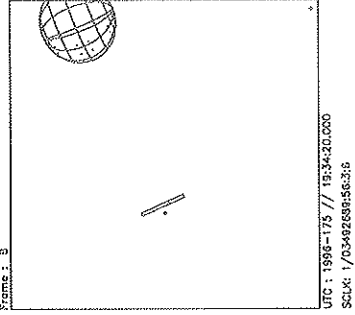
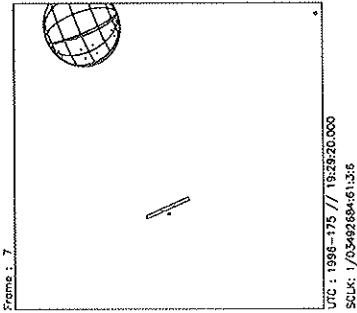
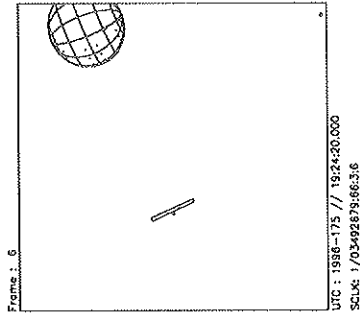
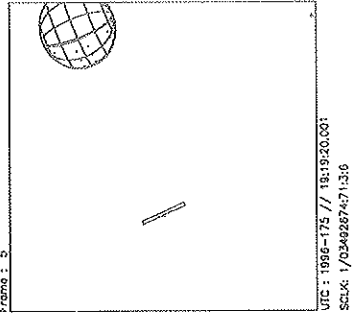
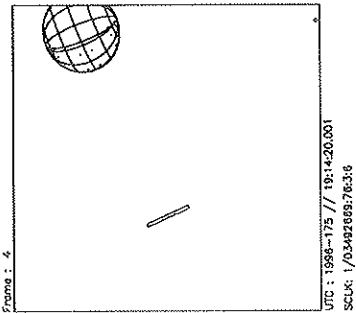
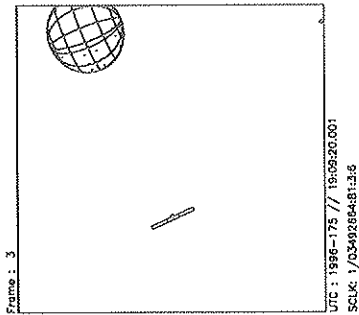
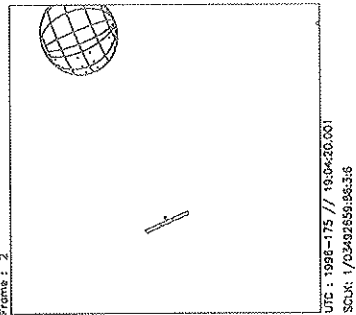
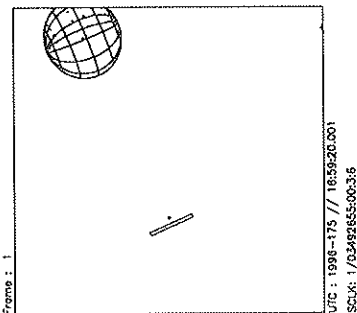
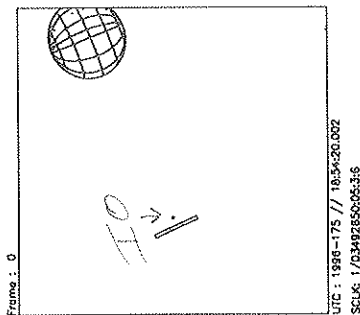
TART:JEE 96-180/00:31:20.266 -CDS 6026:00:0

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

G1EUEECLPS01

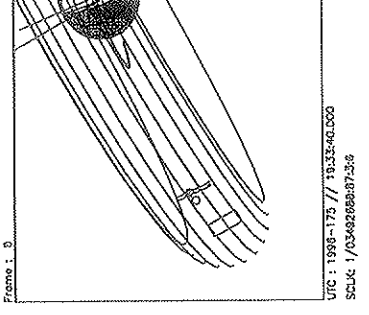
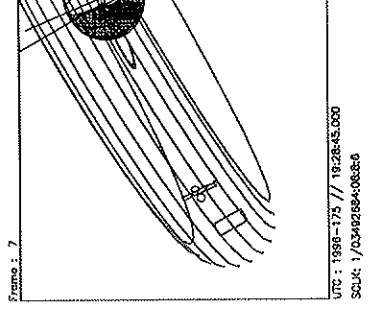
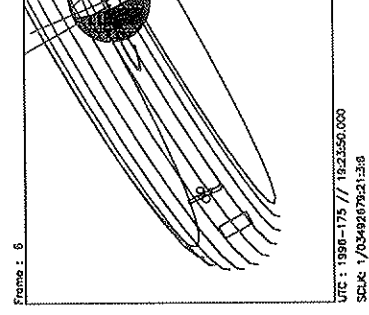
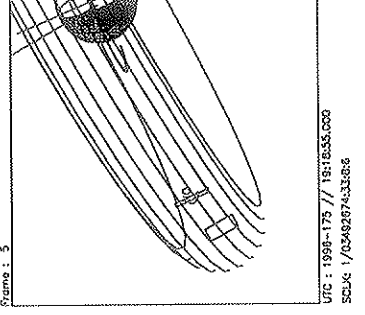
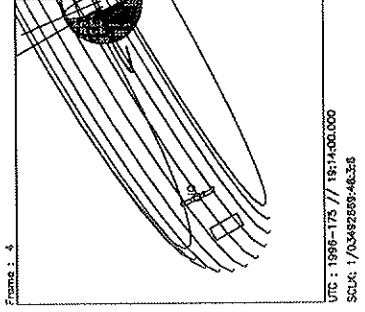
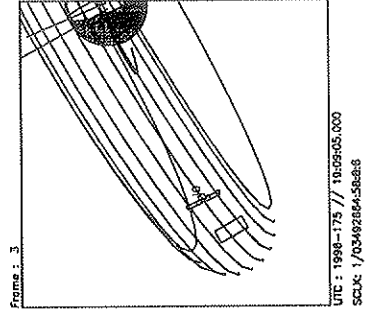
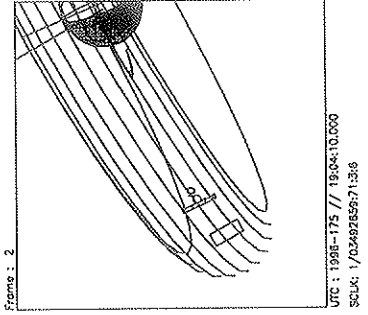
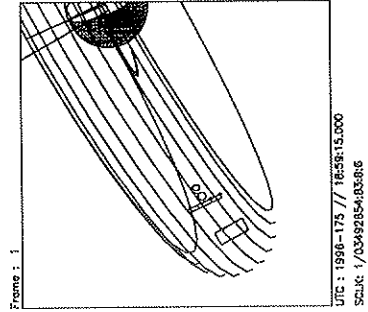
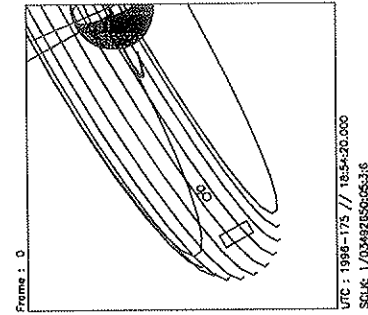






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No End Time ;  
Start SCLK : 1/03492650:05:3:6

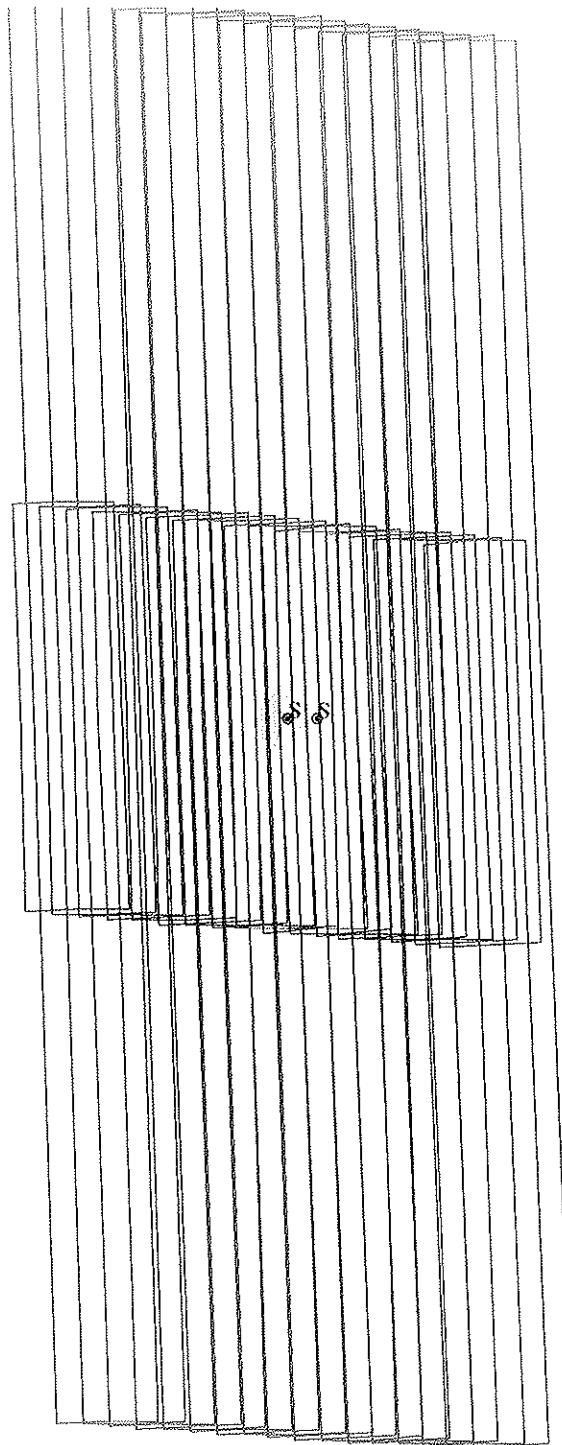
Target Body : IO  
Target Cone/Clock : 108.00 / 93.39 Deg  
S/C to Body Center : 3564884. Km ( 1954.0573 Ri )  
Z-axis Pointing ( Ra / Dec ) : 102.80 / 25.00 Deg



Start UTC\_TIME : 1996-175 // 18:54:20.000  
 End UTC\_TIME : 1996-175 // 19:33:46.000  
 Start SCLK : 1/03492650:05:3:6  
 Delta Time between FOV : 295.0000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

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

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

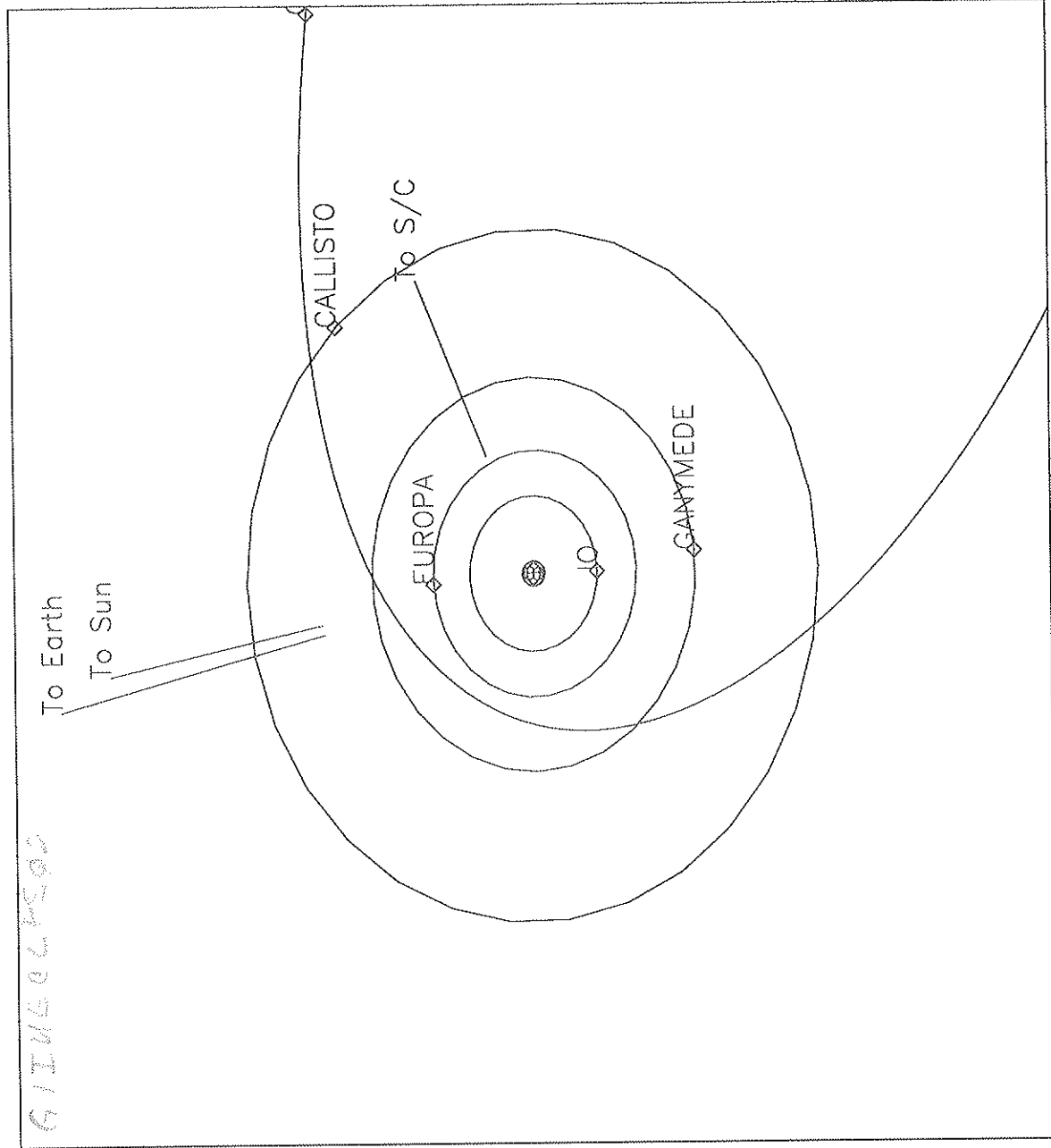
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ERIAPSIS:

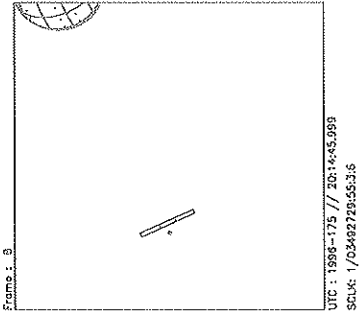
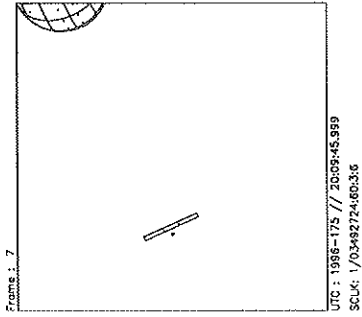
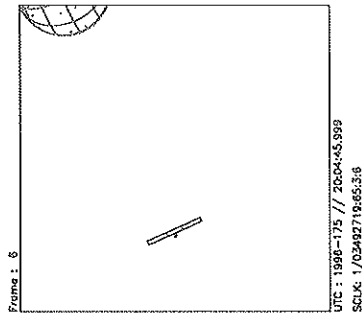
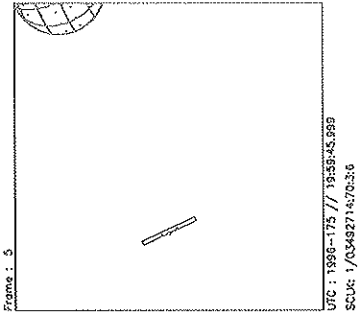
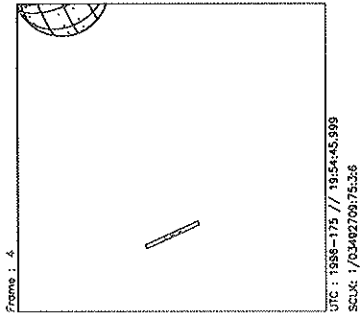
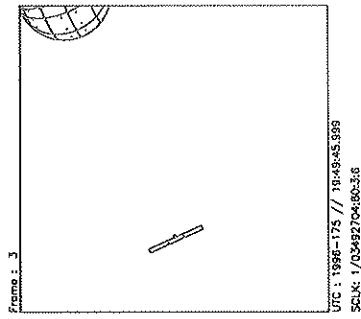
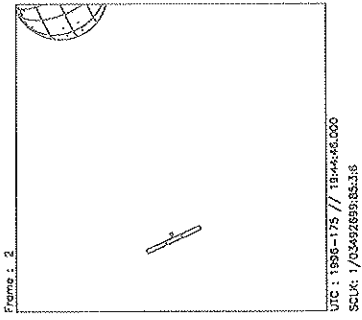
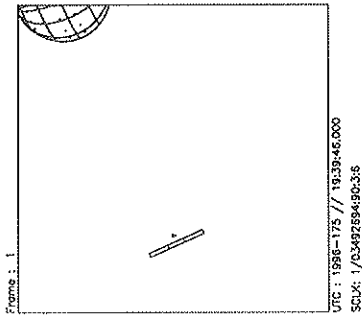
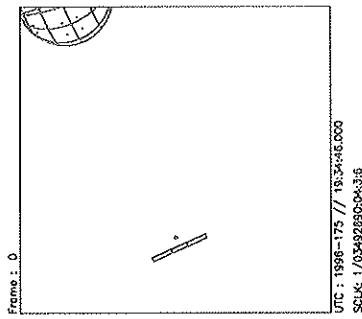
THINNING:NONE :UVS 1

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

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

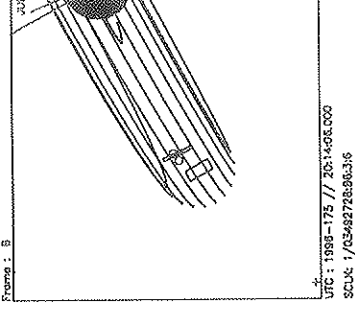
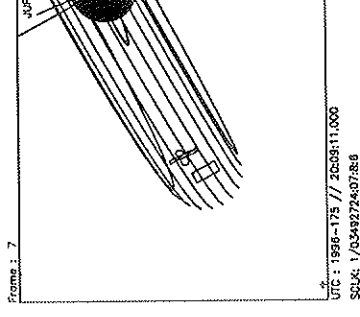
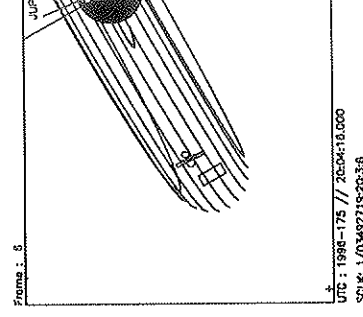
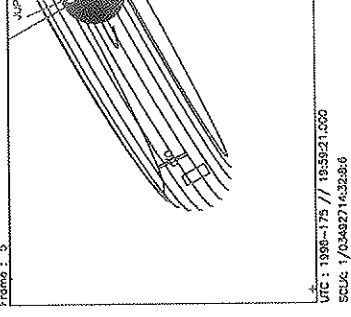
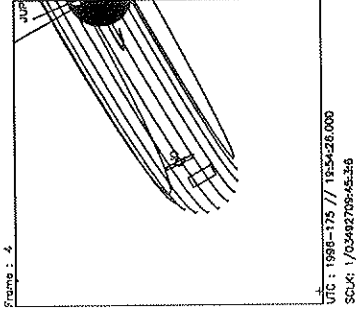
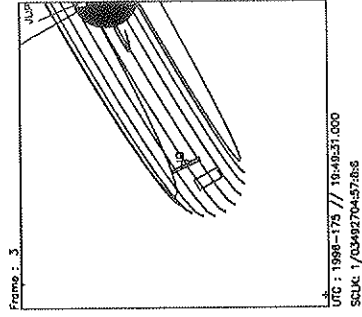
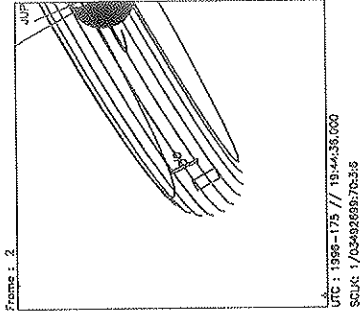
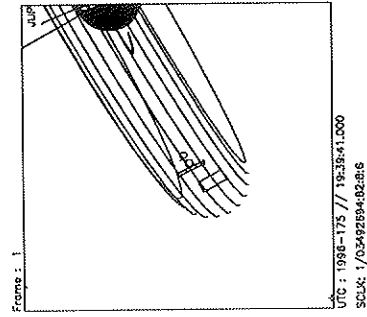
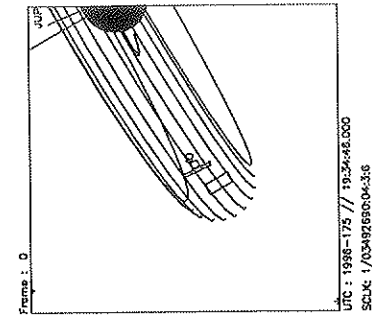


1996-175 // 19:34:46.000 28 days, 0.0 hours trajectory



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