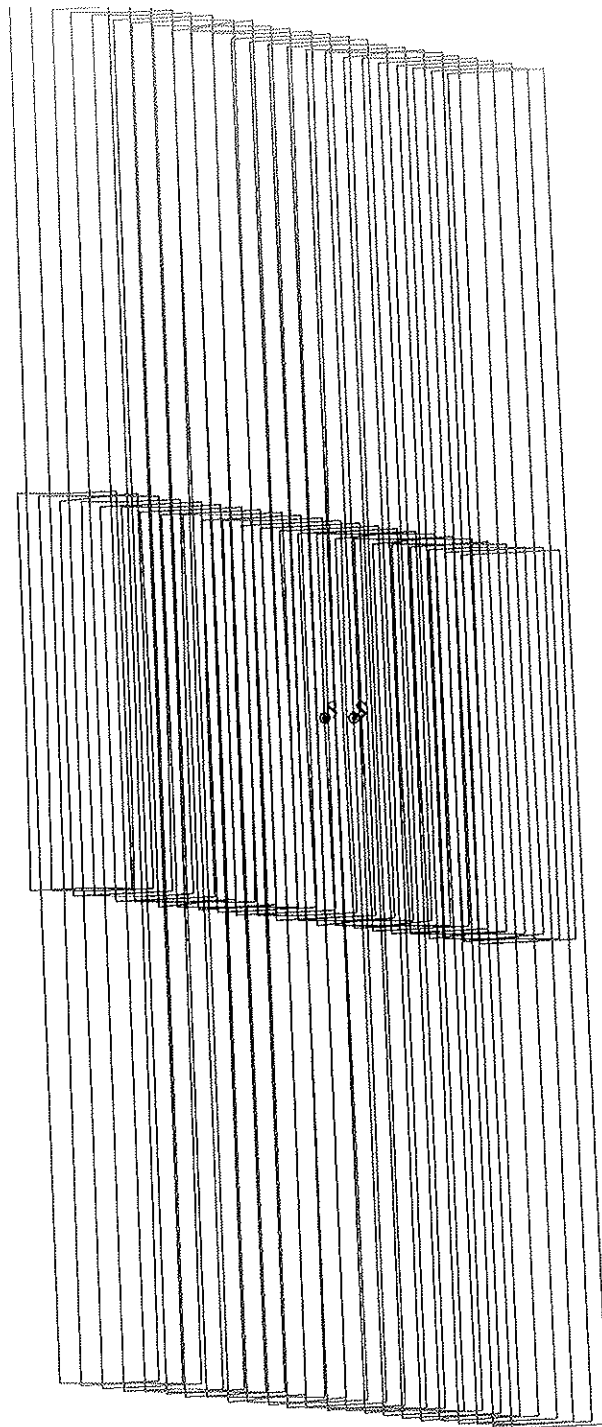


Activity ID:	Orbit G1	OAPEL IUIECLPS	SeqNo	03-
Title	UVS IO ECLIPSE (PRE-EGRESS)		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	G1A	Calendar Date 06/23/96 Week 25
Start	JEE-CDS 00005911:00:0		96-175/20:54:39.600	JEE-004/03:36:40.666
End	JEE-CDS 00005858:00:0		96-175/21:48:14.933	JEE-004/02:43:05.333
Duration	00000053:00:0		000/00:53:35.333	000/00:53:35.333
Top Label	G1IUIECLPS03-			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	130	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	UVS real-time Io Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Io enters and exits eclipse. Determine if the source of the change is due to: 1) a change in the lower atmospheric composition as it cools (ie. SO2 condensation); or 2) a potential change in the excitation mechanism if solar photoexcitation is dominant over particle impact.			
	G1IUIECLPS03- = Io eclipse pre-egress measurement. 1 scan-platform drift across Io in real-time (48 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Only 1 drift will be done prior to eclipse egress due to PWS time sharing.			
	UVS Configuration = P/G Full Scans			
Design Detail				
CDS RIM Command Parameters				PSID
28 003+UVFLUSH DISCRD,UVS				(CE)
36 004 TARGET (4 RIM Posn_Slew)				(CC)
38 003 CMDRS				(CC)
004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,01,2C				
052 49 34UVS,C1,F,N,N,N,S,0, OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00				
28 051+UVFLUSH PACKET,UVS				(CF)



165CC:TT= 0 TMC= 1 C= 4.36 XC= 0.66 BS= 0/3758 TC= 9
A= 728 pD= 0 SR=17.430 RA50=210.56 DEC50= -8.89 cone=109.78 clock= 93.62

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

ILE:P.G1IUIECLPS03

ARGET BODY : IO

INI:m.target.enc

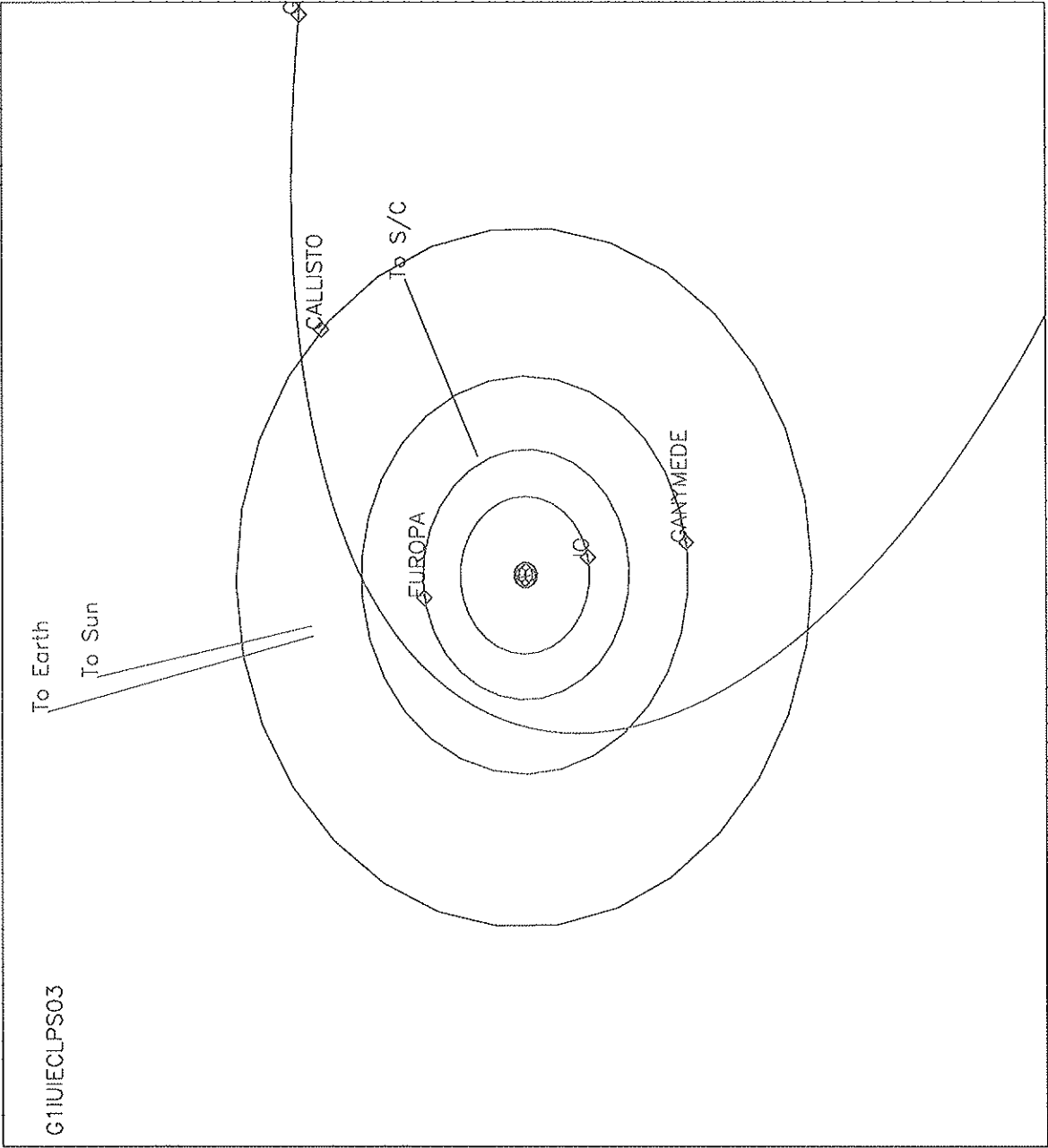
EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 1

TART:JEE 96-180/00:31:20.266 -CDS 5907:00:0

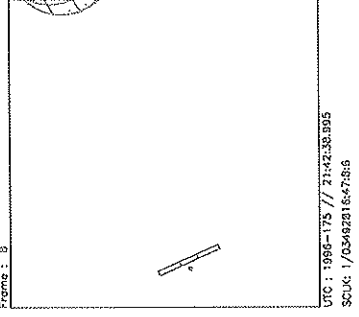
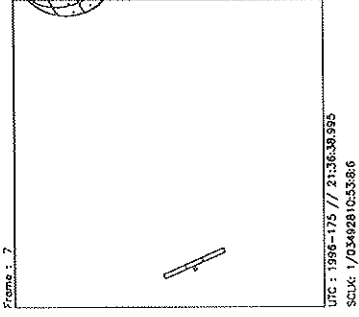
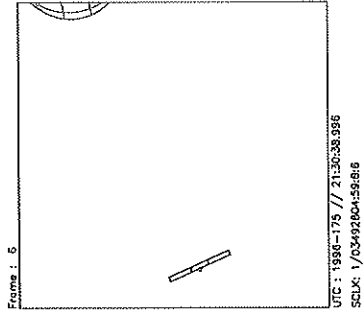
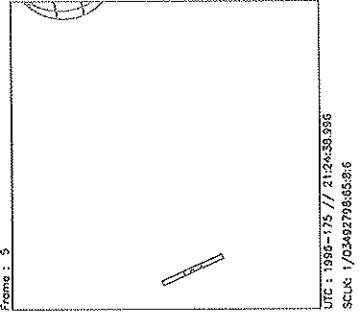
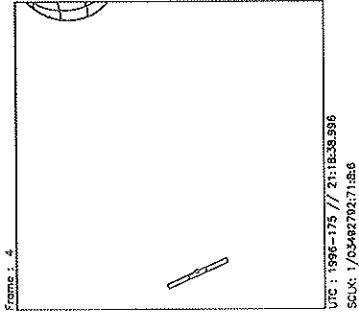
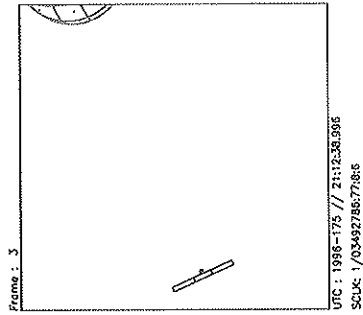
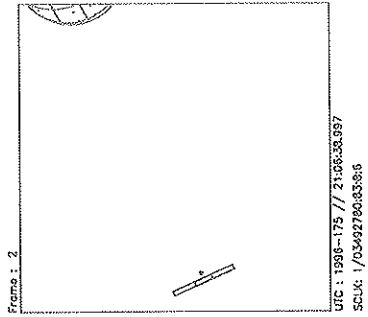
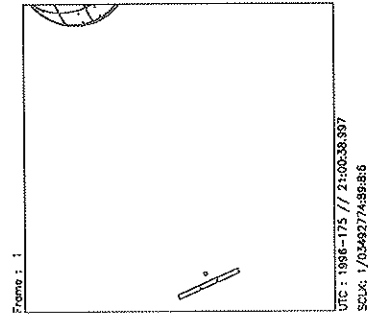
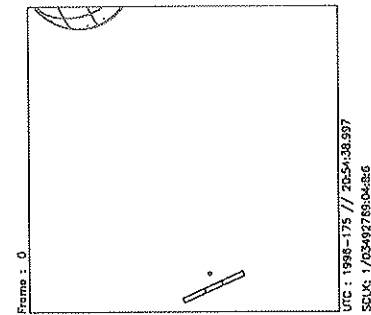
BODY PLOT TIME:TARGET-TIME D= 0 S= 0.040



G11U/ECLPS03

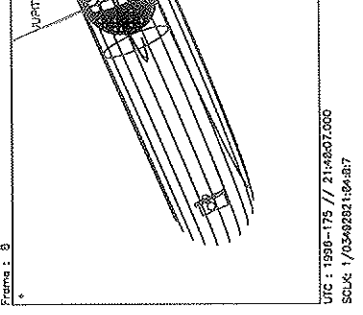
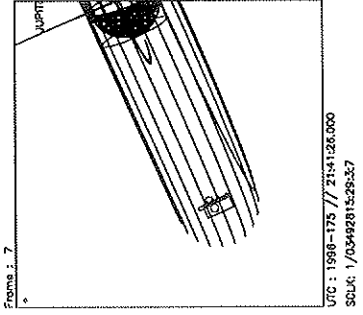
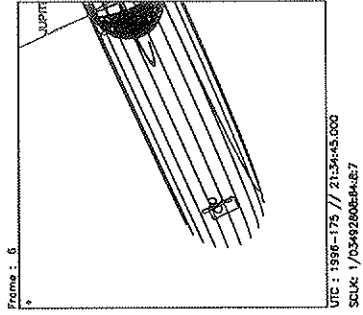
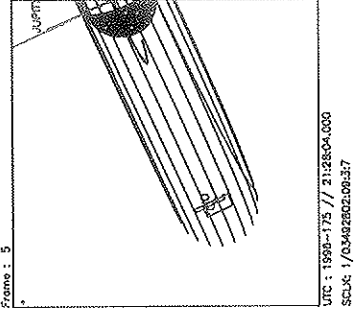
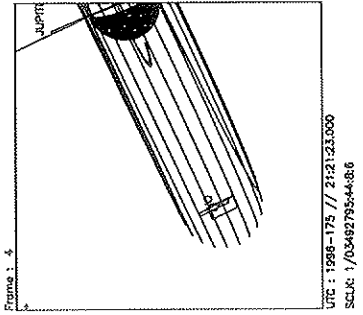
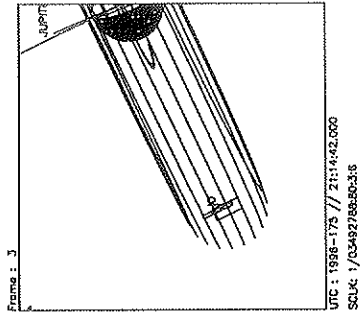
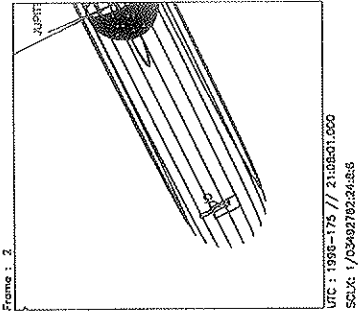
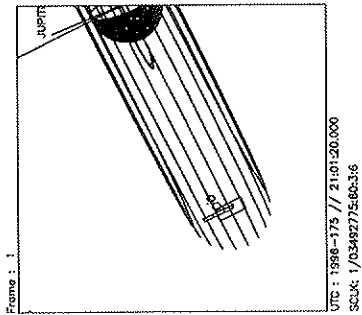
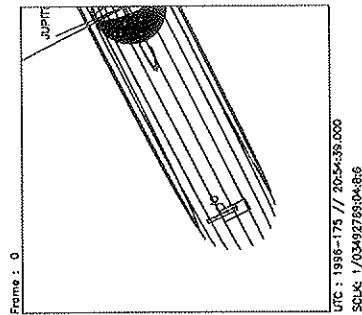
28 days, 0.0 hours trajectory

1996-175 // 20:54:39.000



Start UTC.TIME : 1996-175 // 20:54:39.000
No End Time :
Start SCLK : 1/03492769:04:8:6

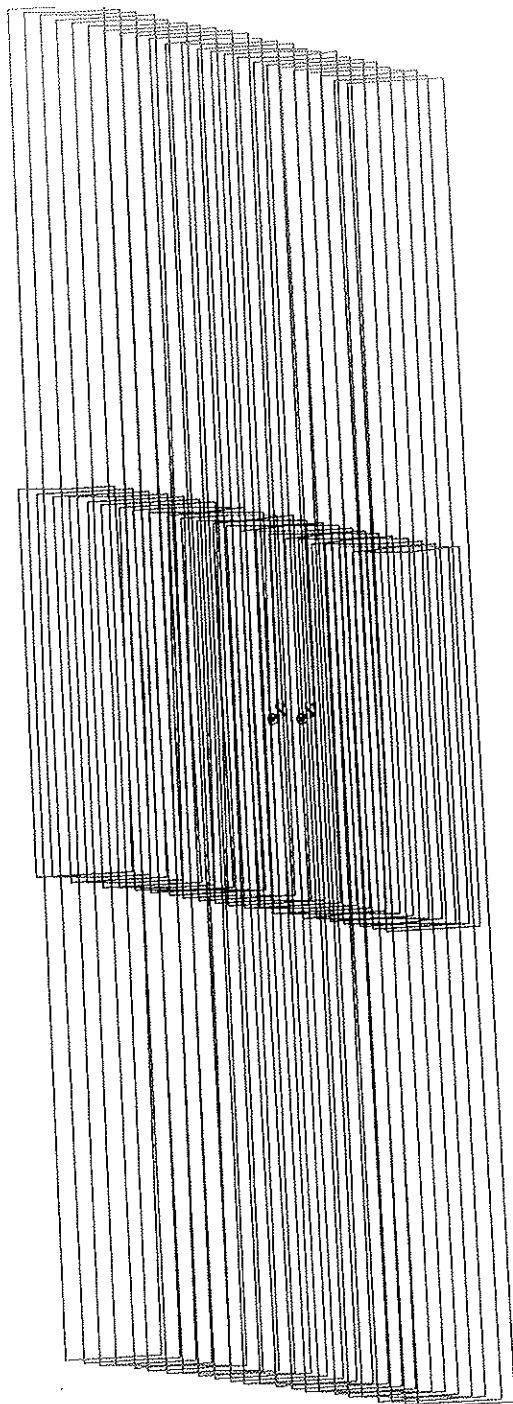
Target Body : IO
Target Cone/Clock : 109.49 / 93.58 Deg
S/C to Body Center : 340795. Km (1868.0487 RI)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-175 // 20:54:39.000
 End UTC_TIME : 1996-175 // 21:48:14.000
 Start SCLK : 1/03492769:04:8:6
 Delta Time between FOV : 401.0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 102.55 / 93.53 Deg
 S/C to Body Center : 3301168. Km (46.175347 Ri)
 Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Activity ID:	Orbit G1	OAPEL IUIECLPS	SeqNo	04-
Title	UVS IO ECLIPSE (POST-EGRESS)		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 00005857:00:0		96-175/21:49:15.600	JEE-004/02:42:04.666
End	JEE-CDS 00005804:00:0		96-175/22:42:50.933	JEE-004/01:48:29.333
Duration	00000053:00:0		000/00:53:35.333	000/00:53:35.333
Top Label	G1IUIECLPS04-			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	130	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
<div style="border: 1px solid black; padding: 5px; width: 200px; height: 150px; display: inline-block; vertical-align: top;"> </div> <p>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.</p> <p>G1IUIECLPS04- = Io eclipse post-egress measurement. 1 scan-platform drift across Io in real-time (48 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Only 1 drift will be done after eclipse egress due to PWS time sharing.</p> <p>UVS Configuration = F/G Full Scans</p>				
Design Detail				
CDS RIM Command Parameters				PSID
28 003+UVFLUSH DISCRD,UVS				(CG)
36 004 TARGET (4 RIM Posn_Slew)				(CD)
38 003 CMDRS				(CD)
004 1 34UVS,07,S,N,N,N,S,0,	ON,OFF,	ON,	ON,OFF,NOOVR,1,00,9C,01,2C	
052 49 34UVS,C1,F,N,N,N,S,0,OFF,OFF,	ON,OFF,	OFF,NOOVR,1,2C,05,00,00		
28 051+UVFLUSH PACKET,UVS				(CH)



165CD:TT= 0 TMC= 1 C= 3.49 XC= 0.82 BS= 0/3586 TC= 9
A= 728 pD= 0 SR=17.430 RA50=211.04 DEC50= -8.99 cone=110.25 clock= 93.72

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

FILE:P.G1IUIECLPS04

ARGET BODY : IO

INI:m.target.enc

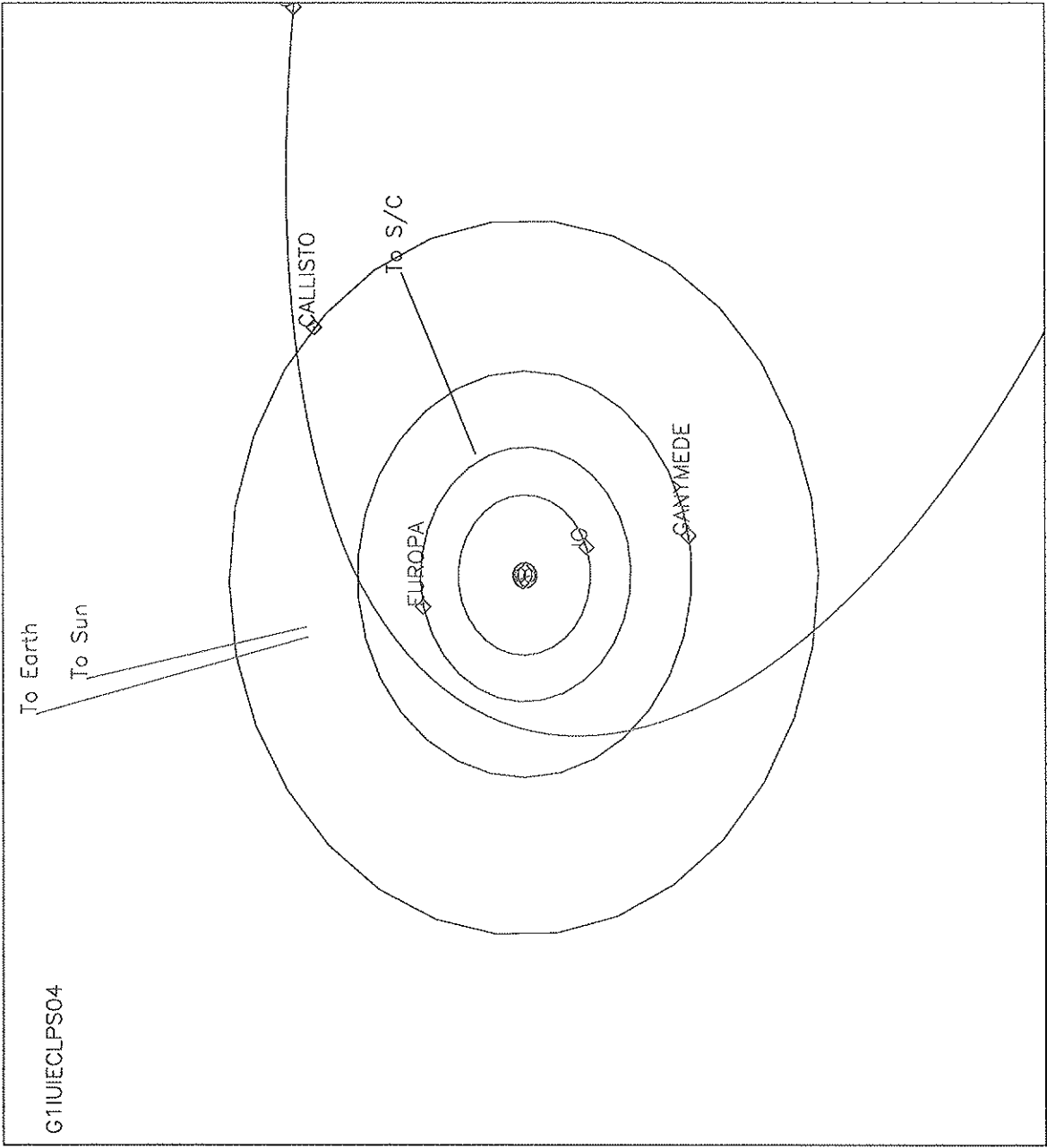
PHOTO: EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 1

TART:JEE 96-180/00:31:20.266 -CDS 5853:00:0

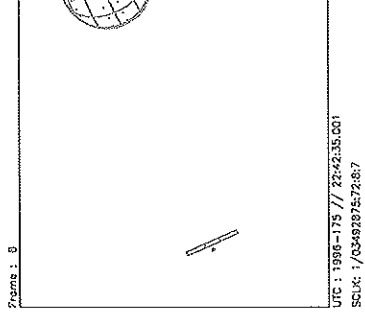
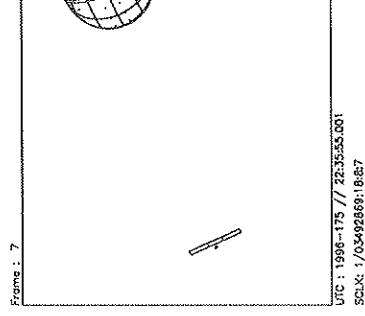
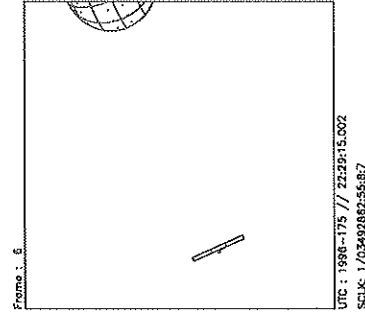
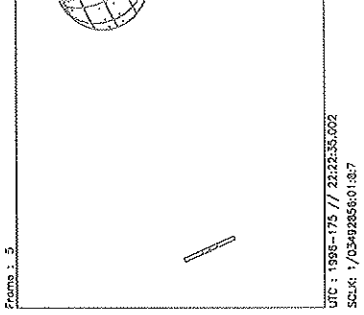
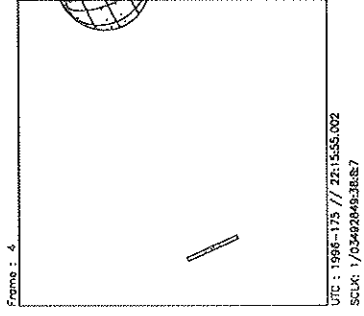
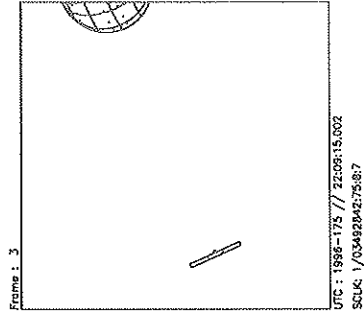
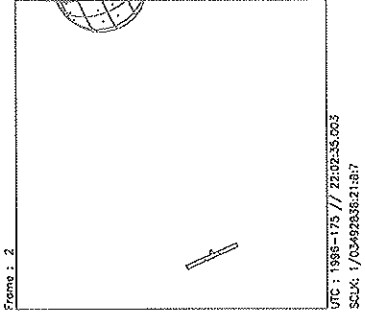
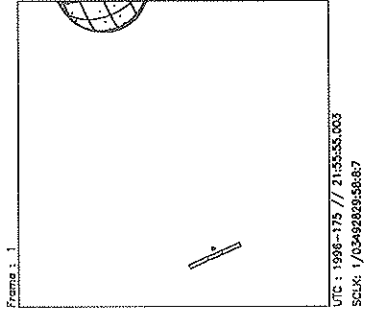
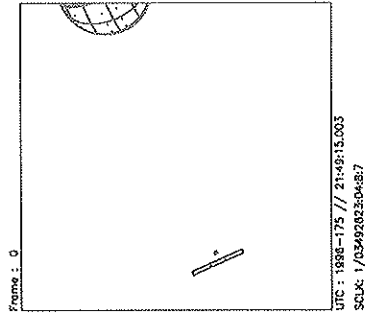
BODY PLOT TIME:TARGET-TIME D= 0 S= 0.040



G1IUIECLPS04

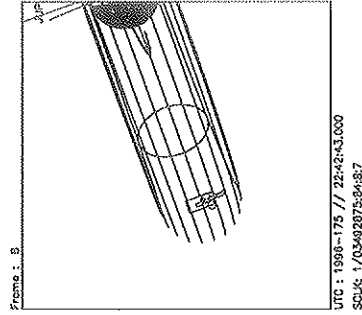
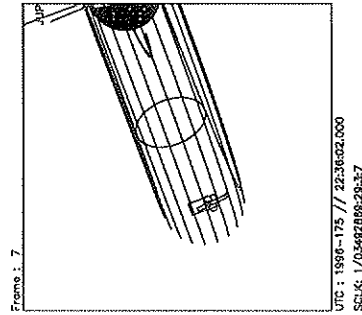
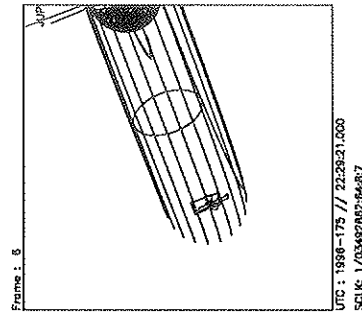
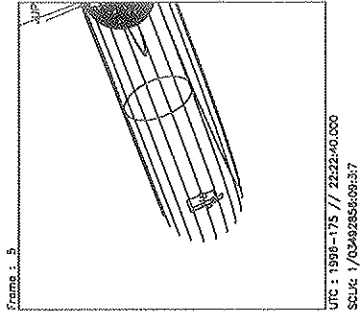
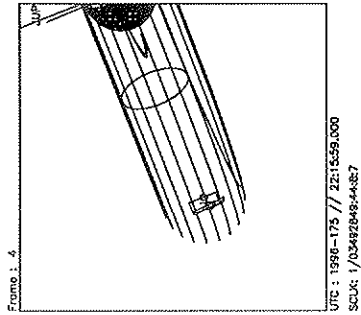
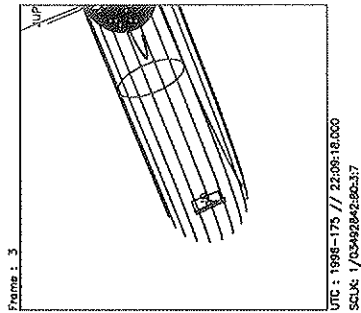
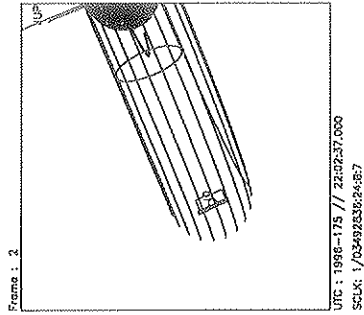
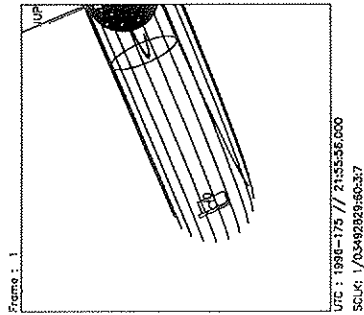
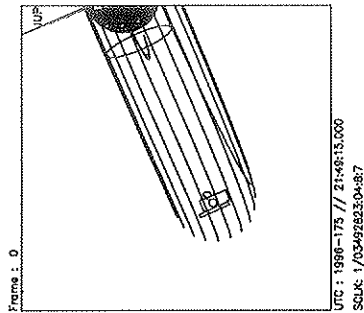
28 days, 0.0 hours trajectory

1996-175 // 21:49:15.000



Start UTC_TIME : 1996-175 // 21:49:15.000
No End Time :
Start SCLK : 1/03492823:04:8:7

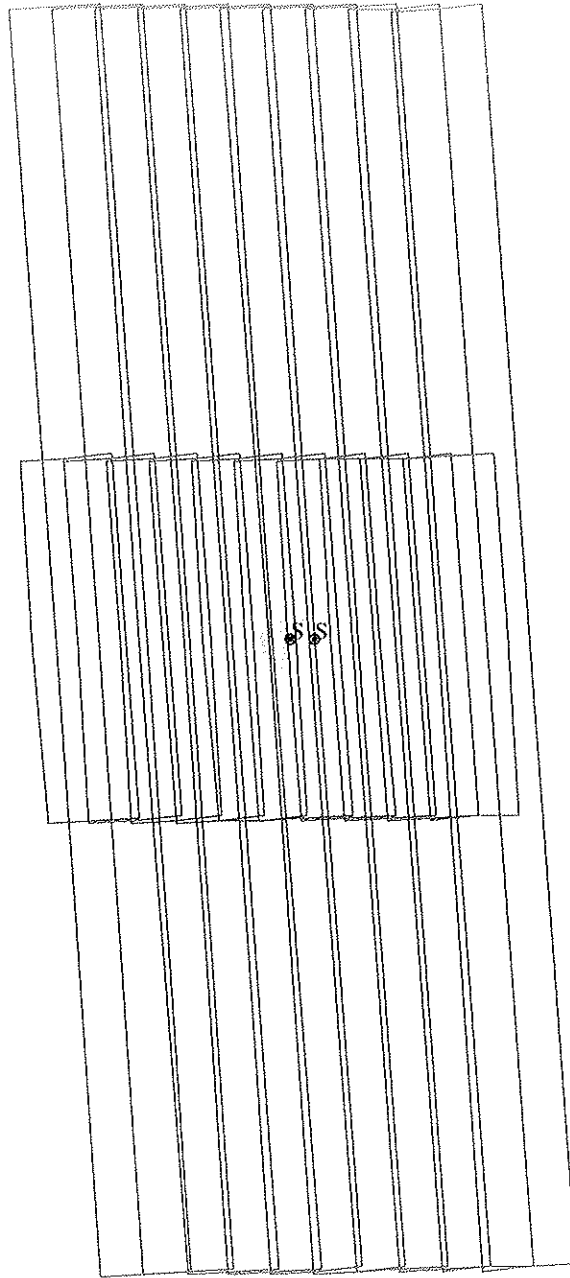
Target Body : IO
Target Cone/Clock : 110.02/ 93.67 Deg
S/C to Body Center : 3332807. Km (1826.8465 Ri)
Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-175 // 21:49:15.000
End UTC_TIME : 1996-175 // 22:42:50.000
Start SCLK : 1/03492823048:7
Delta Time between FOV : 401.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
Target Cone/Clock : 102.79 / 93.53 Deg
S/C to Body Center : 3279005. Km (45.865335 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID:	Orbit G1	OAPEL EUEECLPS	SeqNo	01-
Title	UVS EUROPA ECLIPSE (PRE-INGRESS)		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	G1A	Calendar Date 06/25/96 Week 26
Start	JEE-CDS 00003479:00:0		96-177/13:53:40.933	JEE-002/10:37:39.333
End	JEE-CDS 00003454:00:0		96-177/14:18:57.600	JEE-002/10:12:22.666
Duration	00000025:00:0		000/00:25:16.667	000/00:25:16.667
Top Label	G1EUEECLPS01-			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	130	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	Real-time Europa Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Europa 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.			
	G1EUEECLPS01- = Europa pre-ingress measurement. 1 scan-platform drift across Europa in real-time (20 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Only 1 drift will be done prior to eclipse ingress due to PWS time sharing.			
	UVS Configuration = F/G Full Scans			
Design Detail				
CDS RIM Command Parameters				PSID
28 003+UVFLUSH DISCRD, UVS				(CI)
36 004 TARGET (4 RIM Posn_Slew)				(CE)
38 003 CMDRS				(CE)
004 1 34UVS, 07, S, N, N, N, S, 0, ON, OFF,				ON, ON, OFF, NOOVR, 1, 00, 9C, 01, 2C
024 2.1 34UVS, C1, F, N, N, N, S, 0, OFF, OFF,				ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00
28 023+UVFLUSH PACKET, UVS				(CJ)



165CE:TT= 0 TMC= 1 C= 4.01 XC= 0.27 BS= 0/6382 TC= 9
A= 728 pD= 0 SR=17.430 RA50=230.43 DEC50=-16.85 cone=130.70 clock= 93.19

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

ILE:P.G1EUEECLPS01

ARGET BODY : EUROPA

INI:m.target.enc

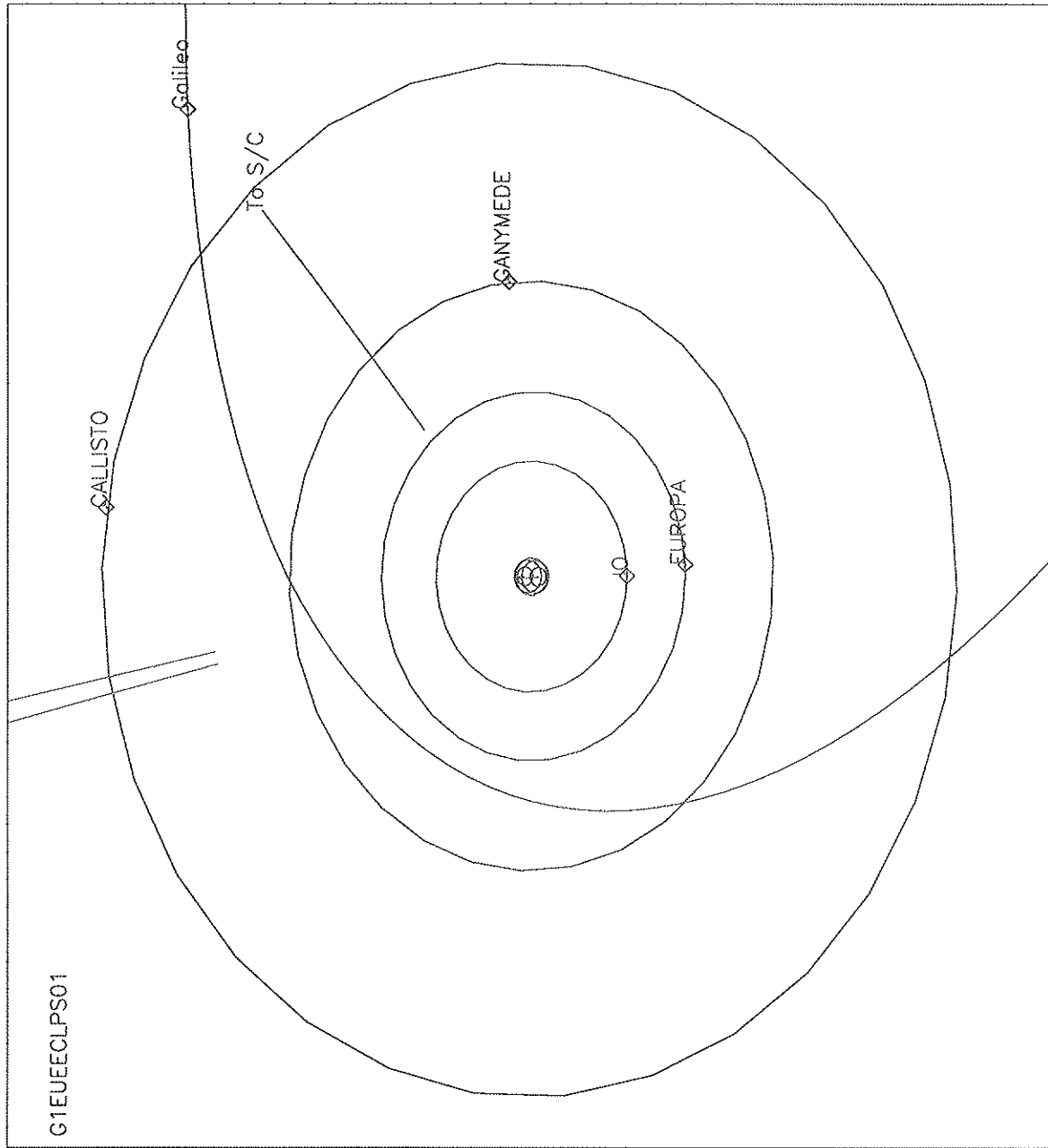
> EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 1

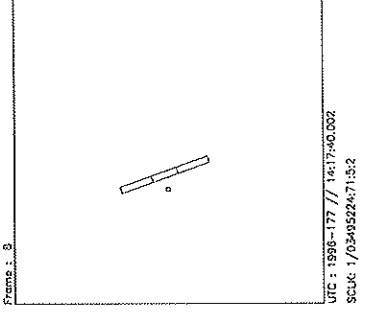
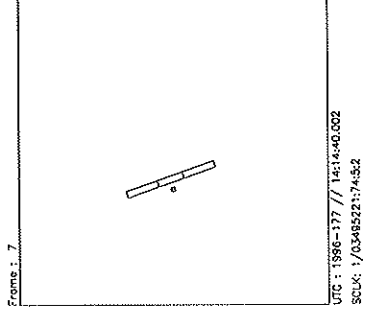
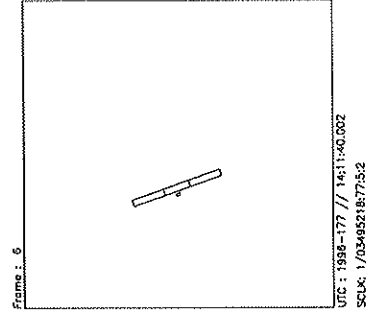
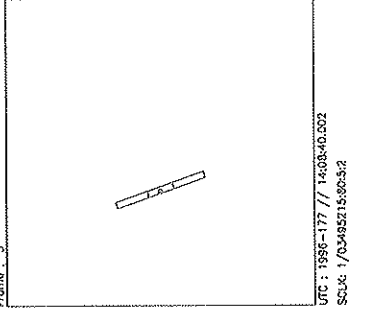
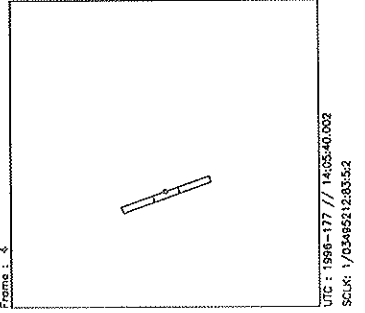
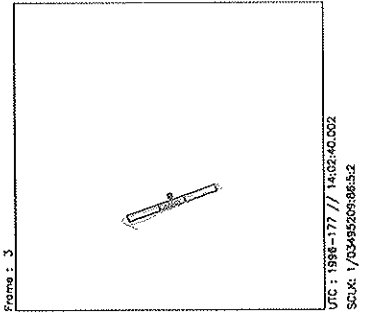
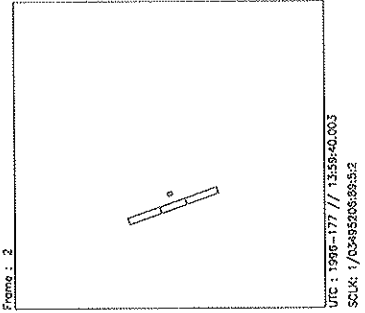
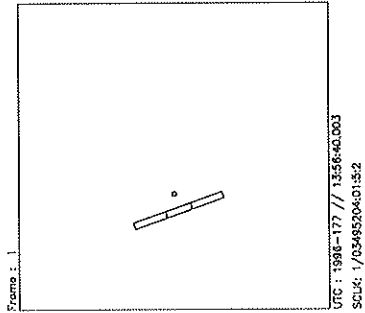
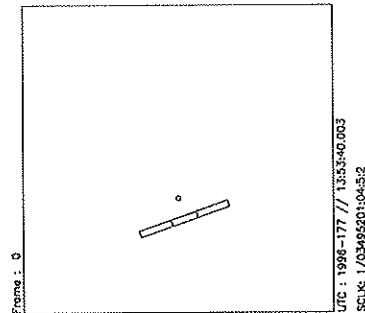
TART:JEE 96-180/00:31:20.266 -CDS 3475:00:0

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



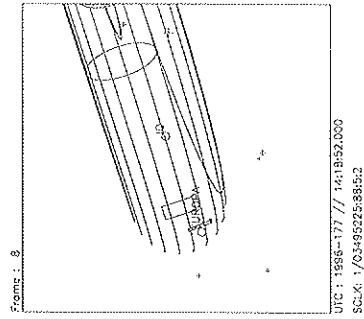
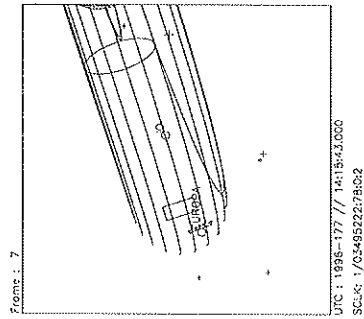
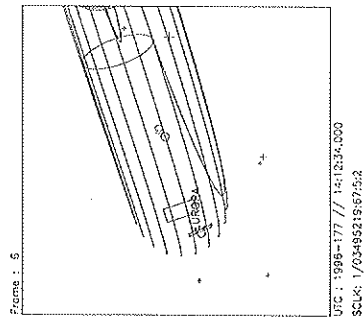
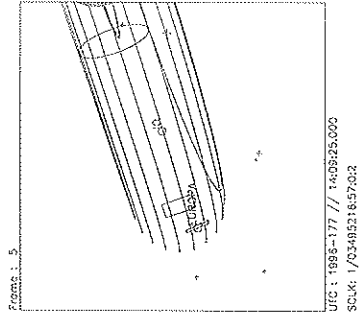
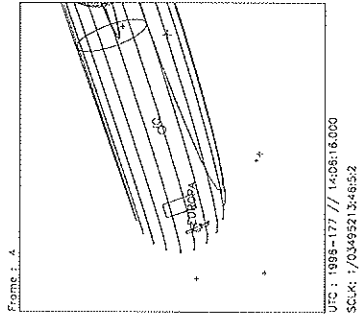
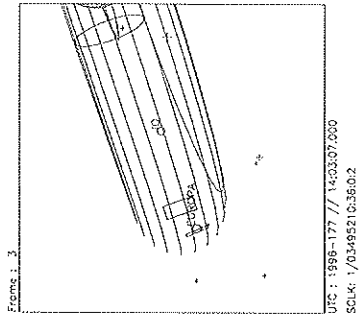
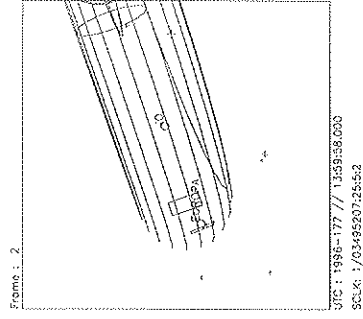
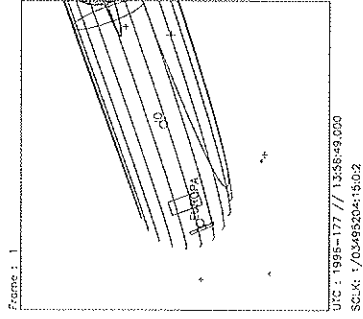
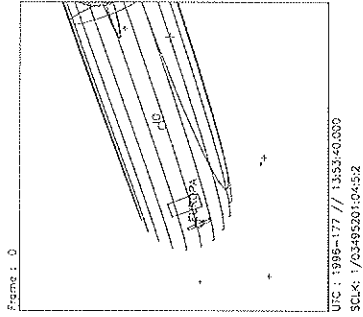
1996-177 // 13:53:40.000

28 days, 0.0 hours trajectory



Start UTC_TIME : 1996-177 // 13:53:40.000
No End Time :
Start SCLK : 1/03495201:04:5:2

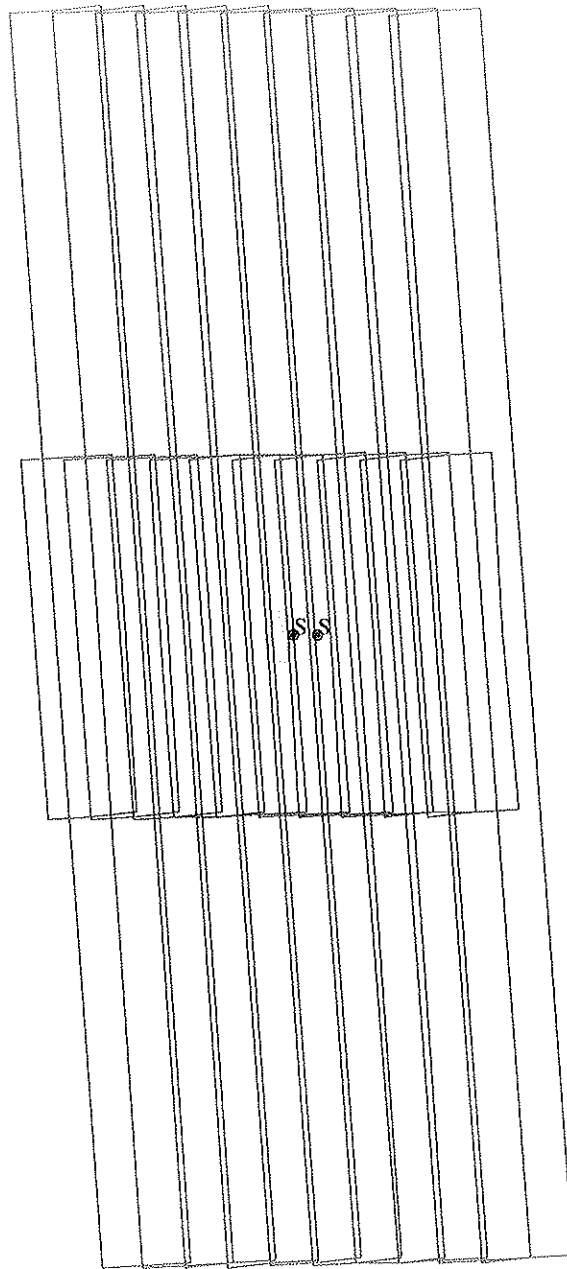
Target Body : EUROPA
Target Cone/Clock : 130.37 / 93.17 Deg
S/C to Body Center : 2692142. Km (1720.2185 Re.)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-177 // 13:53:40.000
End UTC_TIME : 1996-177 // 14:18:57.000
Start SCLK : 1/03495201:04:5:2
Delta Time between FOV : 189.0000
FOVs : F Channel(0.1x0.4) , N/G Channel(0.1x1.0)

Target Body : JUPITER
Target Cone/Clock : 118.73 / 93.20 Deg
S/C to Body Center : 2232356. Km (31.225258 RJ)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID:	Orbit G1	OAPEL EUEECLPS	SeqNo	02-
Title	UVS EUROPA ECLIPSE (POST-INGRESS)		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	G1A	Calendar Date 06/25/96 Week 26
Start	JEE-CDS 00003453:00:0		96-177/14:19:58.266	JEE-002/10:11:22.000
End	JEE-CDS 00003428:00:0		96-177/14:45:14.933	JEE-002/09:46:05.333
Duration	00000025:00:0		000/00:25:16.667	000/00:25:16.667
Top Label	G1EUEECLPS02-			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	130	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	Real-time Europa Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Europa 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.			
	G1EUEECLPS02- = Europa post-ingress measurement. 1 scan-platform drifts across Europa in real-time (20 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Only 1 drift will be done after eclipse ingress due to PWS time sharing.			
	UVS Configuration = F/G Full Scans			
Design Detail				
CDS RIM Command Parameters				PSID
28 003+UVFLUSH DISCRD,UVS				(CK)
36 004 TARGET (4 RIM Posn_Slew)				(CF)
38 003 CMDRS				(CF)
004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,01,2C				
024 21 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00				
28 023+UVFLUSH PACKET,UVS				(CL)



165CF:IT= 0 TMC= 1 C= 4.10 XC= 0.26 BS= 0/1114 TC= 9
A= 728 pD= 0 SR=17.430 RA50=231.04 DEC50=-17.01 cone=131.31 clock= 93.24

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

ILE:P.G1EUEECLPS02

ARGET BODY : EUROPA

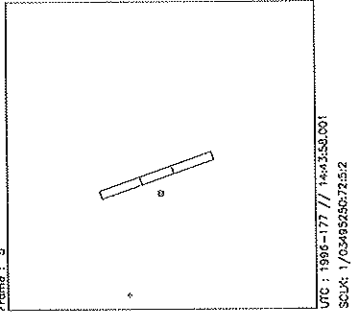
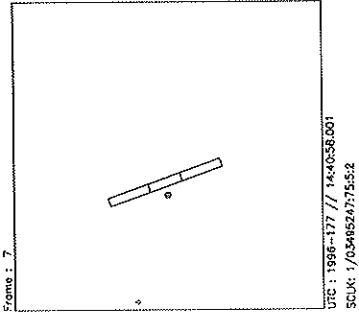
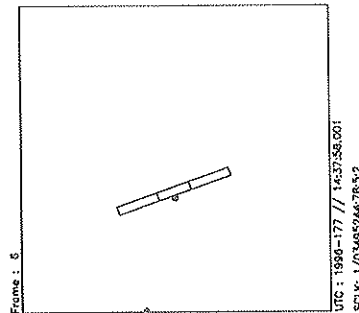
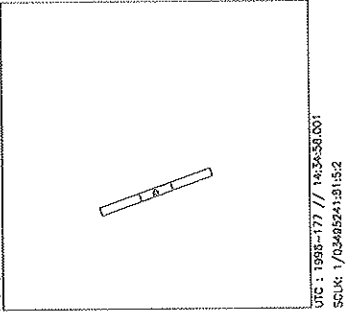
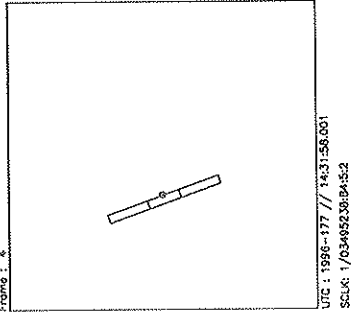
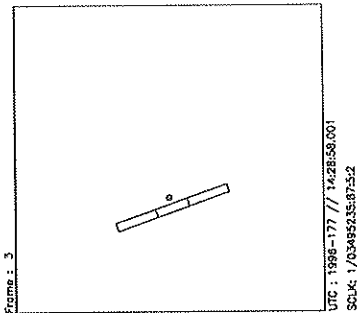
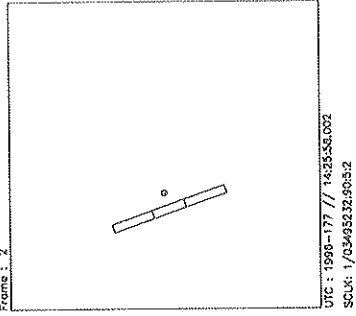
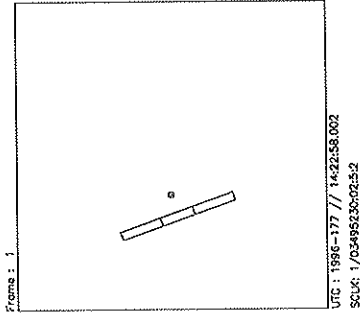
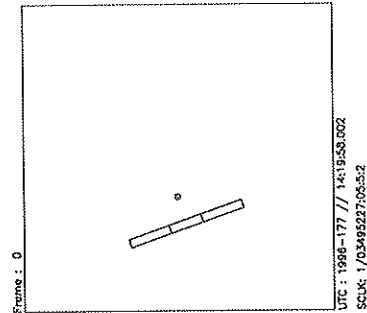
INI:m.target.enc

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

ERIAPSIS:

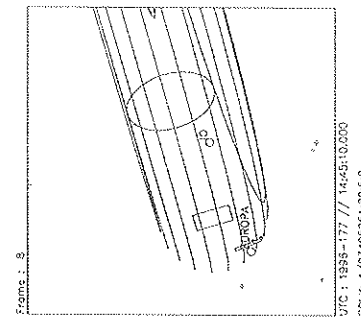
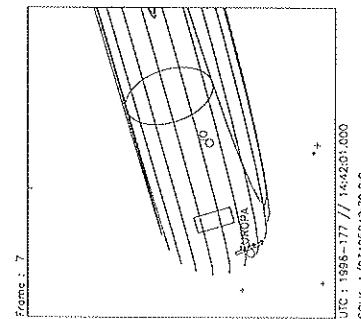
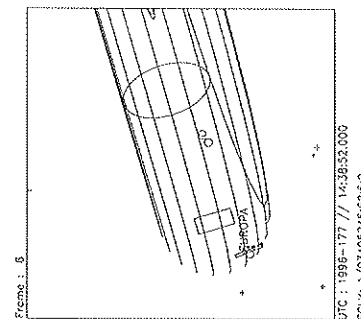
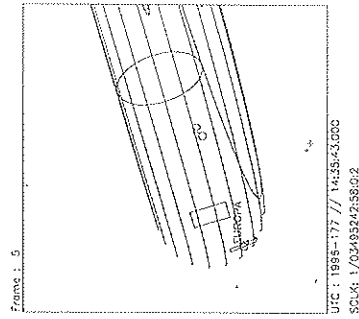
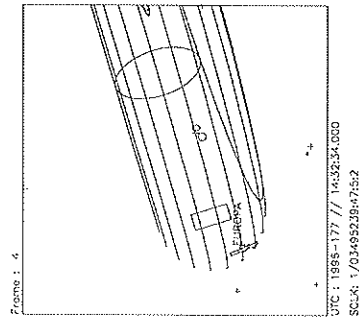
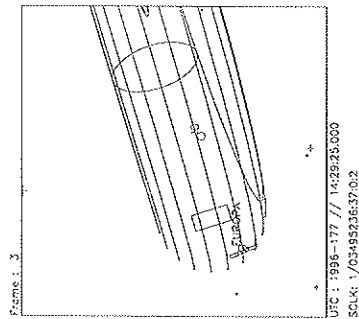
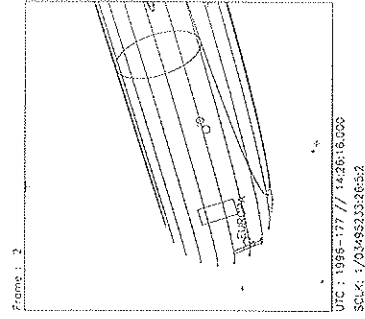
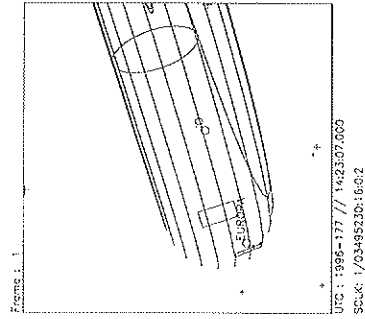
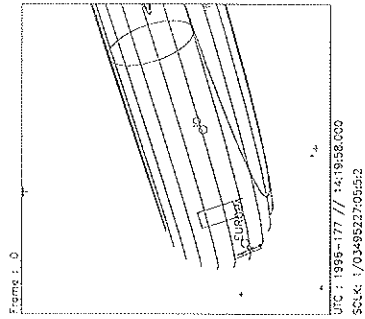
THINNING:NONE :UVS 1

TART:JEE 96-180/00:31:20.266 -CDS 3449:00:0 BODY PLOT TIME:TARGET-TIME D= 0 S= 0.040



Start UTC_TIME : 1996-177 // 14:19:58.000
No End Time :
Start SCLK : 1/03495227:05:5.2

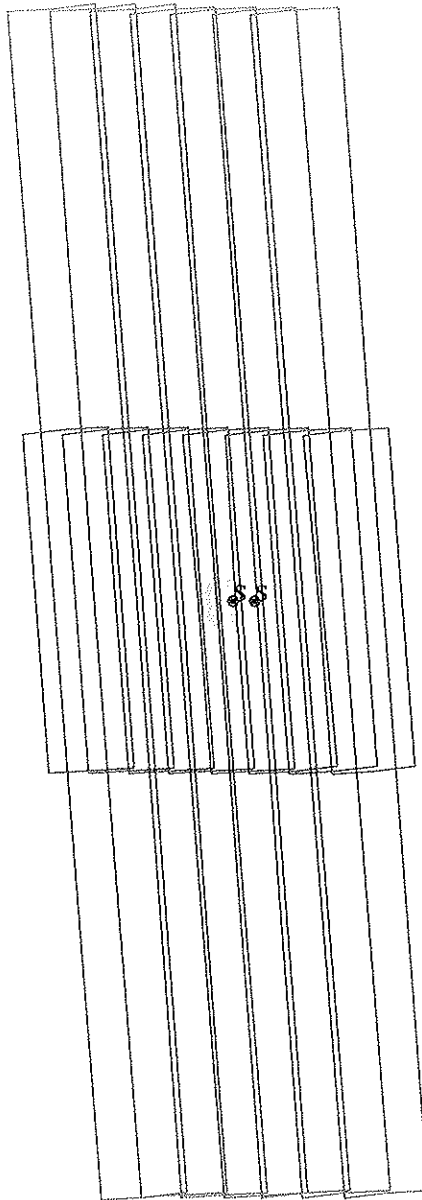
Target Body : EUROPA
Target Cone/Clock : 130.98 / 93.22 Deg
S/C to Body Center : 2667814. Km (1704.6737 Re)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-177 // 14:19:58.000
 End UTC_TIME : 1996-177 // 14:45:14.000
 Start SCLK : 1/03495227055:2
 Delta Time between FOV : 189.0000
 FOVs : F Channel(0.1x0.4) , N/G Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 118.99 / 93.20 Deg
 S/C to Body Center : 2220092. Km (31.053706 Ri)
 Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1		OAPEL EUEECLPS		SeqNo 03-	
Title		UVS EUROPA ECLIPSE (PRE-EGRESS)		Instrument UVS	
Requestor		UVS-SWG/K.NAVIAUX 37740		Team UVS	
				Working Group SWG	
Time System CDS		Load ID G1A		Calendar Date 06/25/96	
				Week 26	
Start		JEE-CDS 00003306:00:0		96-177/16:48:36.266	
				JEE-002/07:42:44.000	
End		JEE-CDS 00003286:00:0		96-177/17:08:49.600	
				JEE-002/07:22:30.666	
Duration		00000020:00:0		000/00:20:13.334	
				000/00:20:13.334	
Top Label		CG1EUEECLPS03-			
Bottom Label		(real-time)			
Plot Key		UVS		Type SCI	
CDS Bytes		130		Report Options BOTH	
				Scan Platform Yes	
CDS Source		OAP		Spin State DUAL	
				DMS No	
Observation Objective					
<div style="border: 1px solid black; padding: 5px;"> <p>Real-time Europa Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Europa 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.</p> <p>G1EUEECLPS03- = Europa pre-egress measurement. 1 scan-platform drift across Europa in real-time (15 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Only 1 drift will be done prior to eclipse egress due to PWS time sharing.</p> <p>UVS Configuration = F/G Full Scans</p> </div>					
Design Detail					
CDS RIM Command Parameters				PSID	
-----				-----	
28	003+UVFLUSH	DISCRD,UVS		(CM)	
36	004 TARGET	(4 RIM Posn_Slew)		(CG)	
38	003 CMDRS			(CG)	
	004	1	34UVS,07,S,N,N,N,S,0,	ON,OFF,	ON, ON,OFF,NOOVR,1,00,9C,01,2C
	019	16	34UVS,C1,F,N,N,N,S,0,	OFF,OFF,	ON,OFF,OFF,NOOVR,1,2C,05,00,00
28	018+UVFLUSH	PACKET,UVS		(CN)	



165CG:TT= 0 TMC= 1 C= 3.14 XC= 0.25 BS= 0/7868 TC= 9
A= 728 pD= 0 SR=17.430 RA50=234.48 DEC50=-17.84 cone=134.68 clock= 93.57

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

ILE:P.G1EUEECLPS03

ARGET BODY : EUROPA

INI:m.target.enc

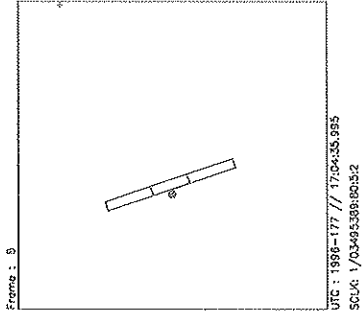
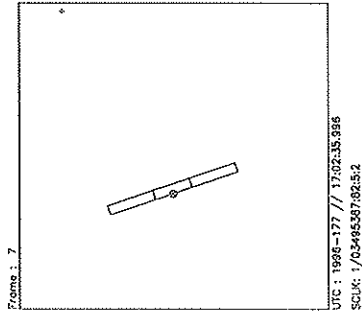
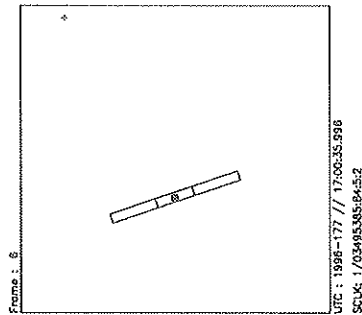
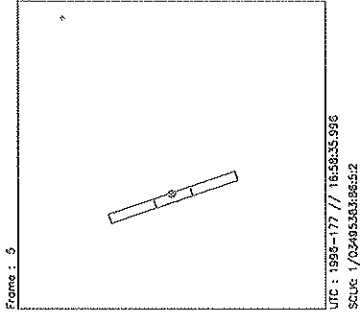
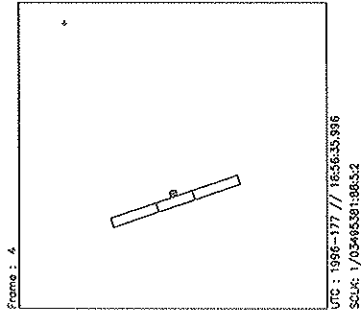
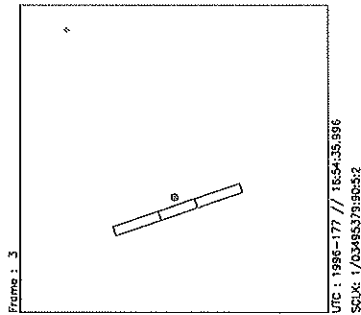
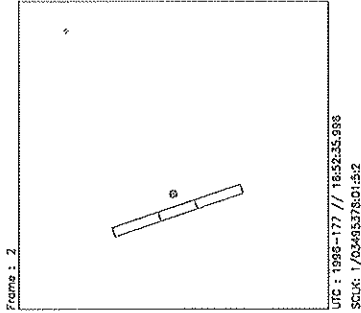
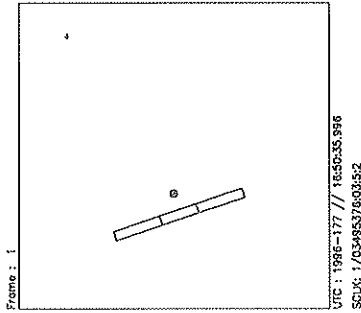
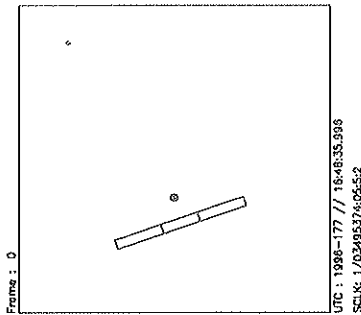
PH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 1

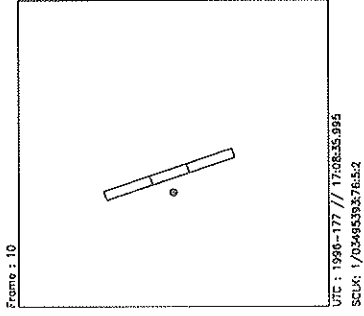
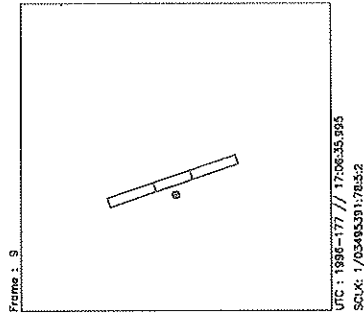
TART:JEE 96-180/00:31:20.266 -CDS 3302:00:0

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



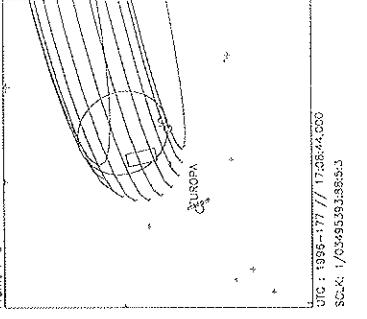
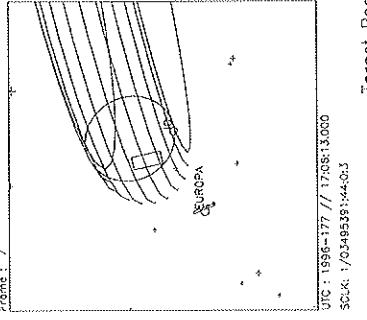
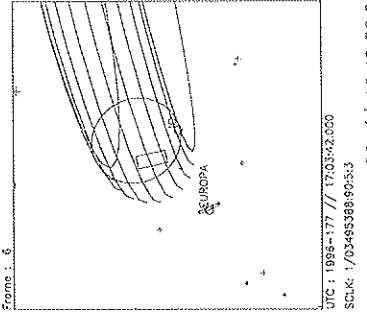
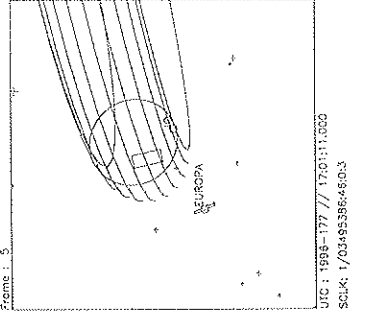
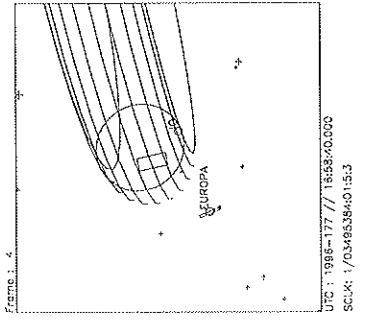
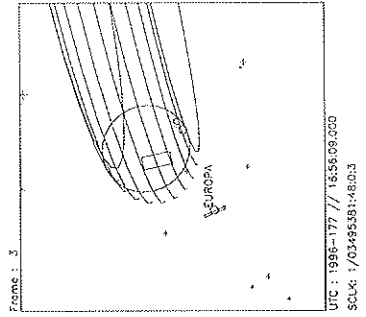
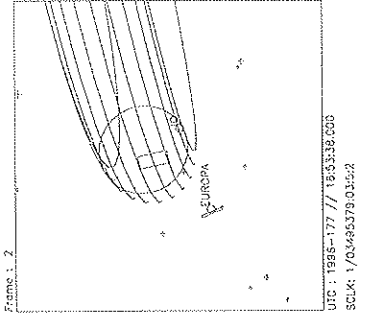
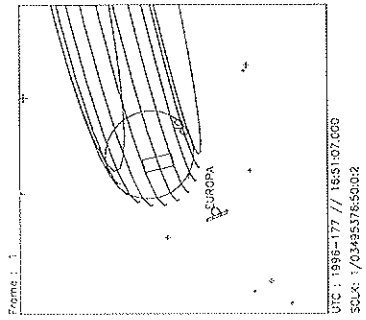
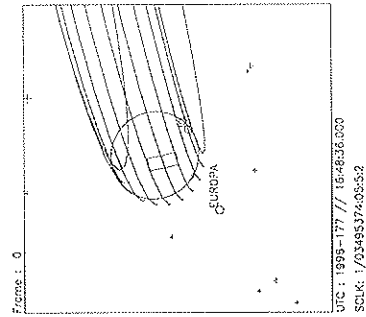
Start UTC_TIME : 1996-177 // 16:48:36.000
No_End_Time :
Start SCLK : 1/03495374:05:5:2

Target Body : EUROPA
Target Cone/Clock : 134.41 / 93.55 Deg
S/C to Body Center : 2525503. Km (1613.7399 Re)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-177 // 16:48:36.000
No End Time :
Start SCLK : 1/03495374:05:5:2

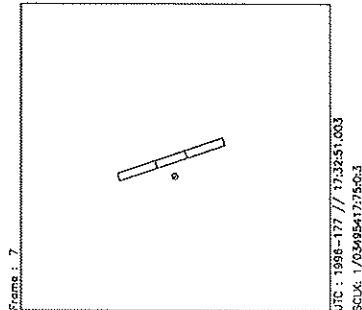
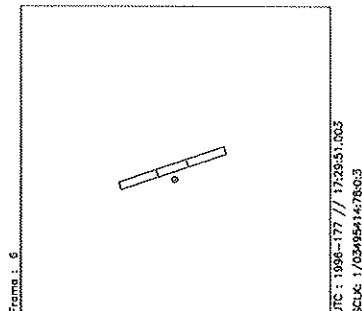
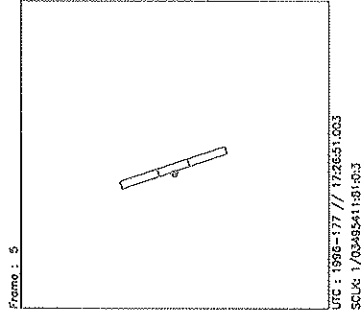
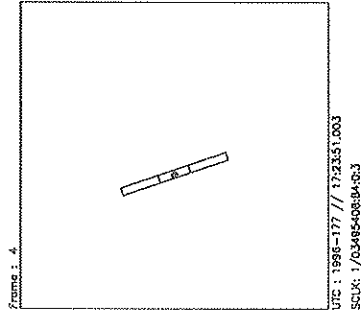
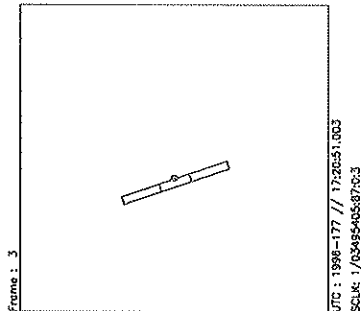
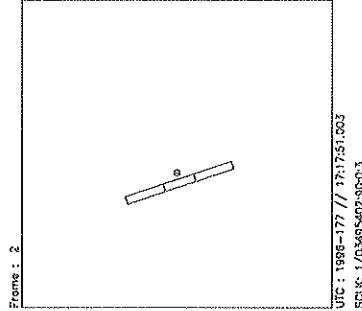
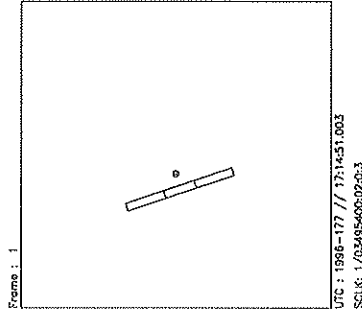
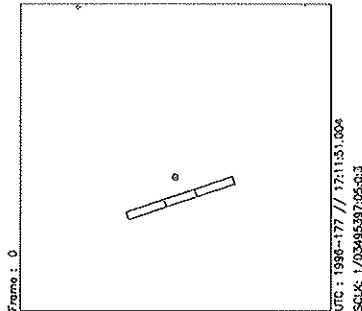
Target Body : EUROPA
Target Cone/Clock : 134.83 / 93.59 Deg
S/C to Body Center : 2507755. Km (1602.3992 Re)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-177 // 15:48:36.000
 End UTC_TIME : 1996-177 // 17:08:49.000
 Start SCLK : 1/03495374:05:52
 Delta Time between FOV : 151.0000
 FOVs : F Channel(0.1x0.4), N/C Channel(0.1x1.0)

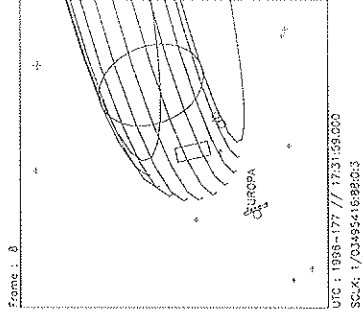
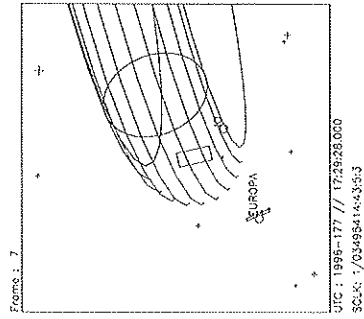
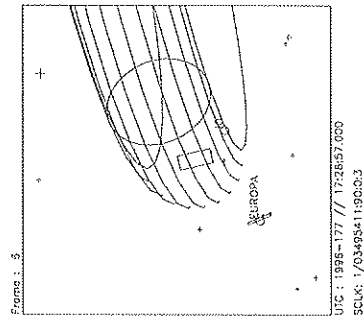
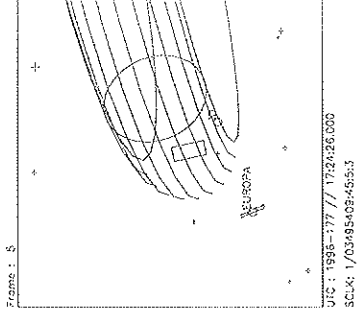
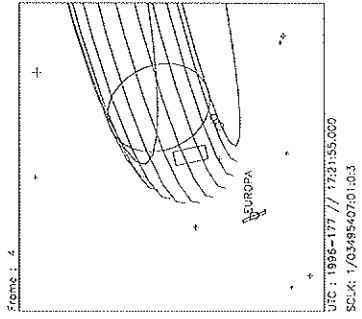
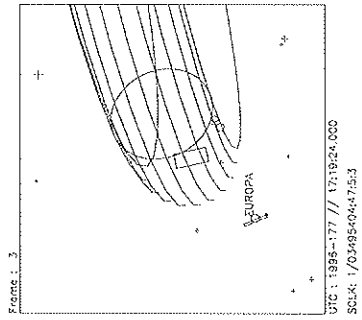
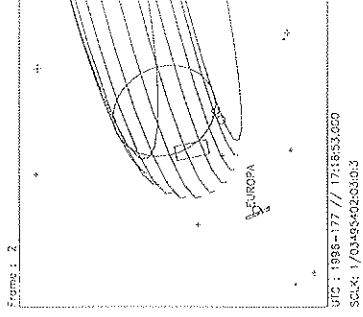
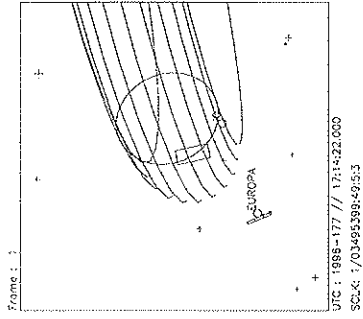
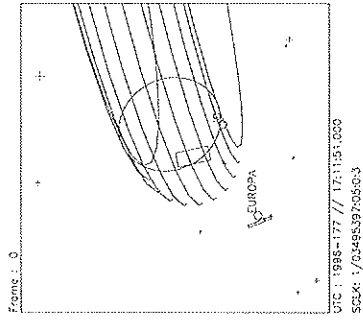
Target Body : JUPITER
 Target Cone/Clock : 120.51 / 93.16 Deg
 S/C to Body Center : 215044S, Km (30.078520 Rj)
 Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1		OAPEL EUEECLPS		SeqNo 04-	
Title	UVS EUROPA ECLIPSE (POST-EGRESS)			Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	G1A	Calendar Date	06/25/96 Week 26
Start	JEE-CDS 00003283:00:0		96-177/17:11:51.600		JEE-002/07:19:28.666
End	JEE-CDS 00003263:00:0		96-177/17:32:04.933		JEE-002/06:59:15.333
Duration	00000020:00:0		000/00:20:13.333		000/00:20:13.333
Top Label	CG1EUEECLPS04-				
Bottom Label	(real-time)				
Plot Key	UVS	Type	SCI		
CDS Bytes	130	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
<div style="border: 1px solid black; padding: 5px;"> <p>Real-time Europa Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Europa 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.</p> <p>G1EUEECLPS04- = Europa post-egress measurement. 1 scan-platform drift across Europa in real-time (15 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.</p> <p>UVS Configuration = F/G Full Scans</p> </div>					
Design Detail					
CDS RIM Command Parameters					PSID
28 003+UVFLUSH DISCRD,UVS					(CO)
36 004 TARGET (4 RIM Posn_Slew)					(CH)
38 003 CMDRS					(CH)
004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,01,2C					
019 16 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00					
28 018+UVFLUSH PACKET,UVS					(CP)



Start UTC_TIME : 1996-177 // 17:11:51.000
No. End Time :
Start SCLK : 1/0349539705:0:3

Target Body : EUROPA
Target Cone/Clock : 134.95 / 93.60 Deg
S/C to Body Center : 2502559. Km (1599.0791 Re)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



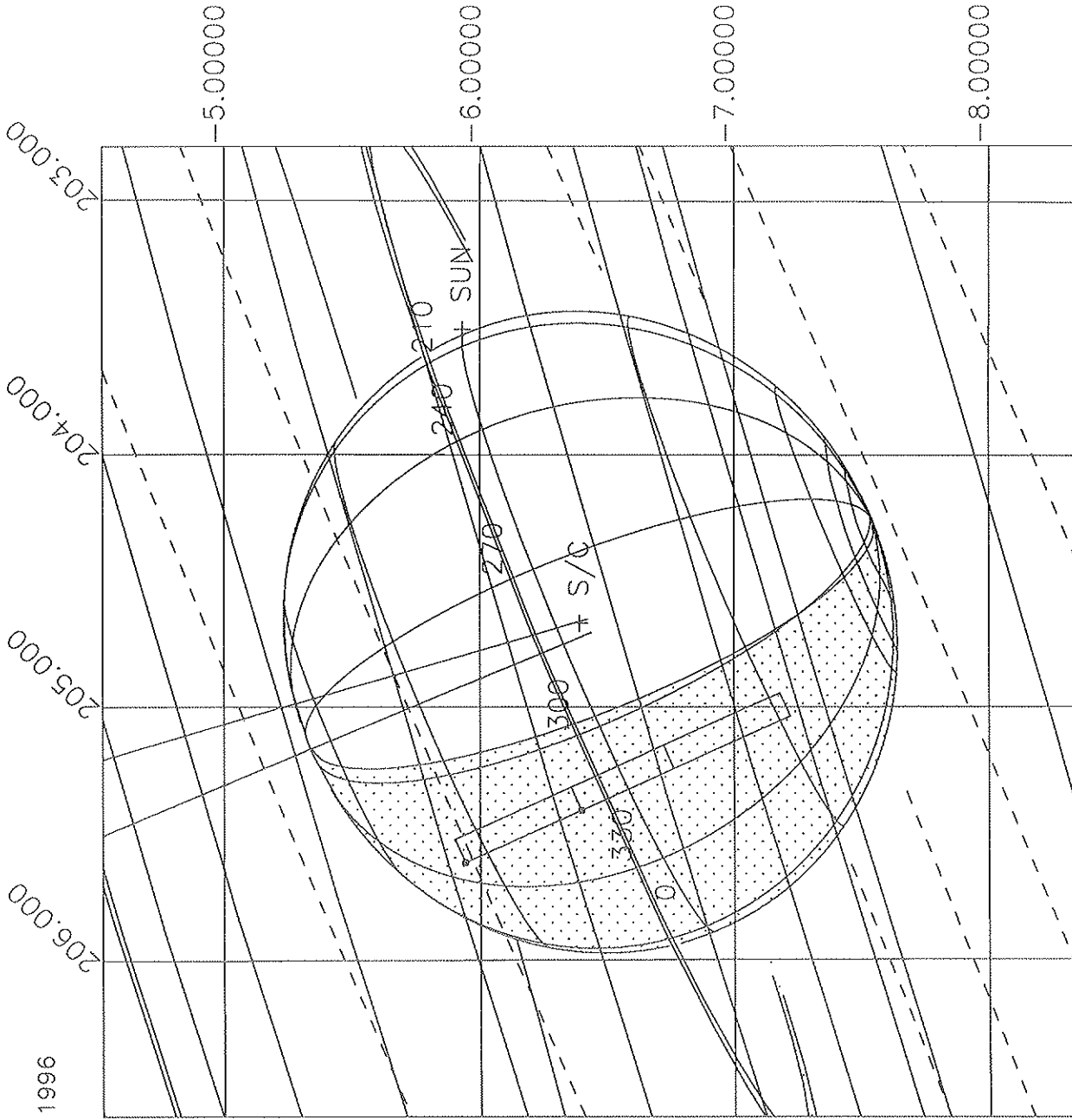
Start UTC_TIME : 1996-177 // 17:11:51.000
 End UTC_TIME : 1996-177 // 17:32:04.000
 Start SCLK : 1/03495397606:3
 Delta Time between FOV : 151.0000
 FOVs : F_Channel(0:1x0:4), N/G_Channel(0:1x1:0)

Target Body : JUPITER
 Target Cone/Clock : 120.76 / 93.16 Deg
 S/C to Body Center : 21.3949; Km (29.926422 Rj)
 Z-axis Pointing (Rc / Dec) : 102.80 / 25.00 Deg

Activity ID:	Orbit GI	OAPEL JUFIXLON	SeqNo	01-			
Title	Fixed longitude map		Instrument	UVS			
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group	AWG		
Time System	CDS	Load ID	GIA	Calendar Date	06/23/96	Week	25
Start	JEE-CDS 00005744:00:0		96-175/23:43:30.933		JEE-004/00:47:49.333		
End	JEE-CDS 00005710:00:0		96-176/00:17:53.600		JEE-004/00:13:26.666		
Duration	00000034:00:0		000/00:34:22.667		000/00:34:22.667		
Top Label	GIJUFIXLON01-						
Bottom Label	realtime						
Plot Key	UVS	Type	SCI				
CDS Bytes	130	Report Options	BOTH	Scan Platform	Yes		
CDS Source	OAP	Spin State	DUAL	DMS	No		
Observation Objective							
<div style="border: 1px solid black; width: 150px; height: 100px; display: inline-block; vertical-align: top;"></div> <p>Darkside map of H Ly-a bulge at 300-307 degrees longitude.</p> <p>Realtime observation at 10 bps for 0.5 hours; G/G Ly-a 88 step 2 position miniscan: even frames are centered at 1199.7 A (1131.5-1265.9) and the odd frames are centered at 1267.5 A (1199.7-1333.4). 10 RIMS UVS OFF/FIXED every 30 RIMS for PWS. Expect RTSFMT = D. Distance from Jupiter = 45 Rj.</p> <p>Last cn/ck = TBD</p>							
Design Detail							
<pre> PSID CDS RIM COMMAND PARAMETERS 384AA 00 00 COMMNT UVS RIM 0 349AA 28 03+UVFLSH DISCRD,UVS 157AA 38 03 CMDRS PLAN_DUR = 21 RIMS; EST_UVS_CMDS = 2 04 1 34UVS/UVG:DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C 24 21 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 165AA 36 04 TARGET Lat/lon = 0/300 RA/Dec = 205.28/-6.56 (no TMC) 349AB 28 23+UVFLSH PACKET,UVS </pre>							

Wed Apr 17 22:32:16 1996

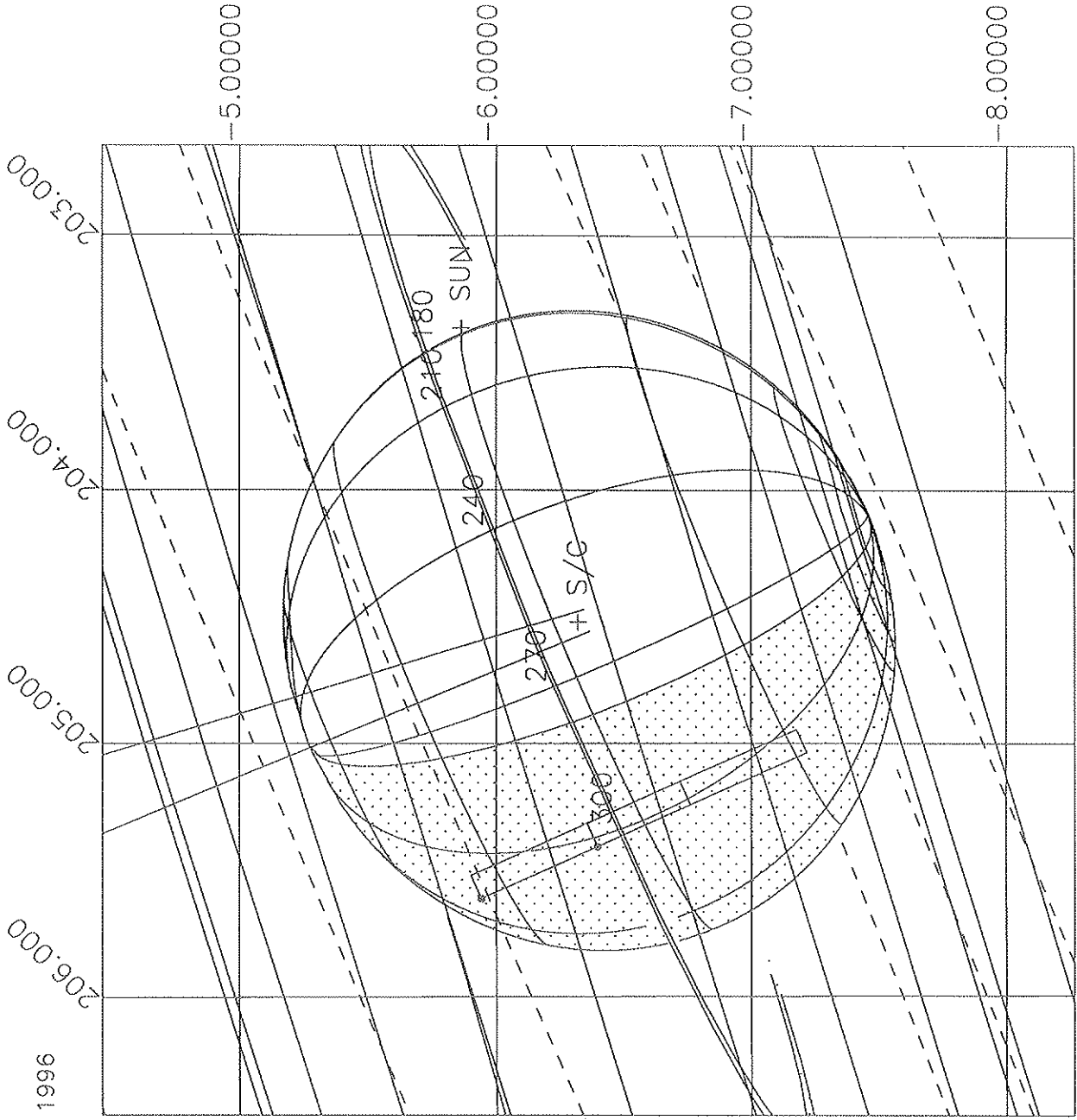
*We got bearings
@ 210; long int
end*



Start UTC_TIME : 1996-176 // 00:17:53.600
No End Time :
Start SCLK : 1/03492970:05:7:7
Target Body : JUPITER
Target Ra/Dec : 204.70 / -6.44 Deg
S/C to Body Center : 3218337. Km (45:016745 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

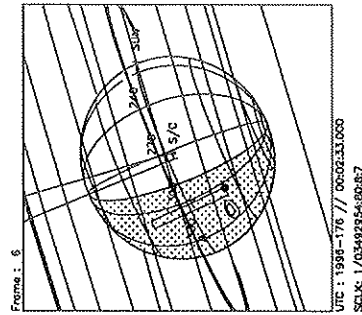
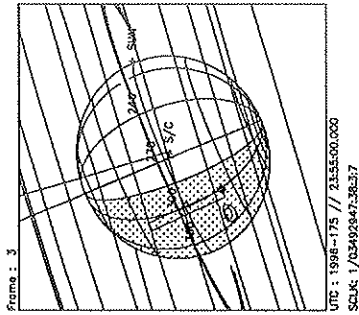
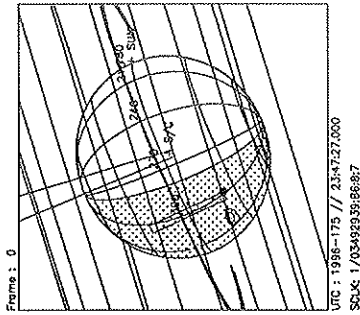
Wed Apr 17 22:26:43 1996

103492936

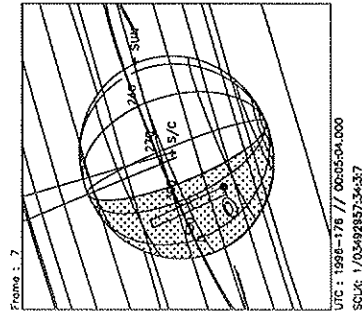
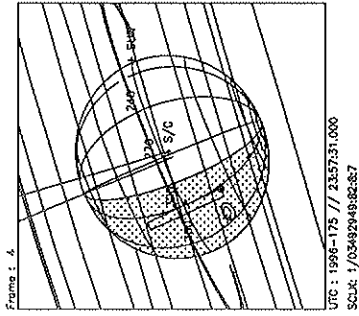
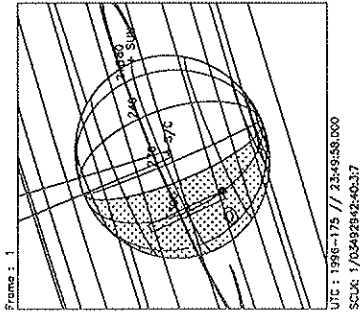


Start UTC_TIME : 1996-175 // 23:43:30.933
No End Time :
Start SCLK : 1/03492936:05:7:7
Target Body : JUPITER
Target Ra/Dec : 204.56 / -6.37 Deg
S/C to Body Center : 3232411. Km (45.215609 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

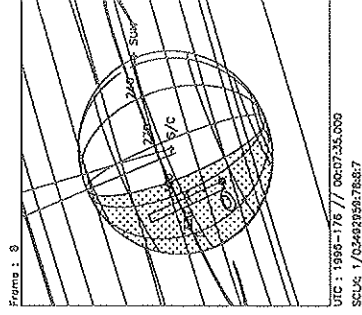
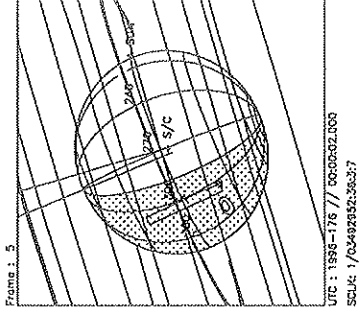
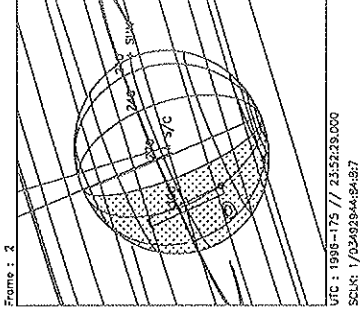
FLXLONG1 from GDA5H
predict kernel



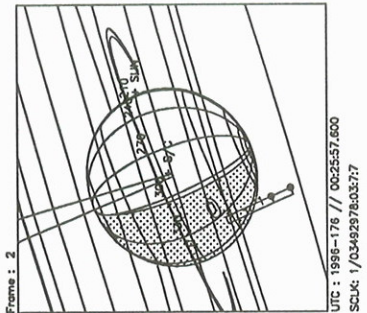
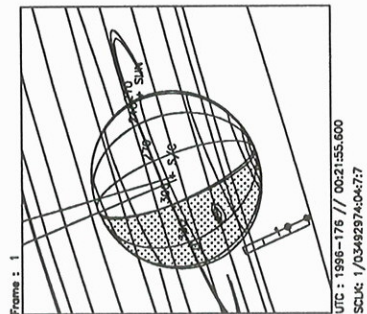
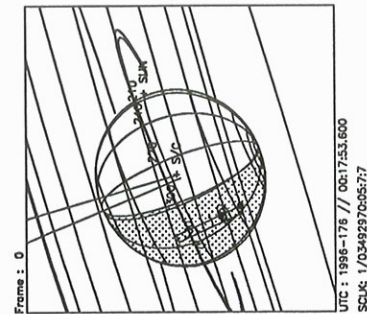
Start UTC_TIME : 1996-175 // 23:47:27.000
 End UTC_TIME : 1996-176 // 00:07:40.000
 Start SCLK : 1/03492939:86:87
 Delta Time between FOV : 151.0000
 FOVs : N/G Channel(0.1x1.0)



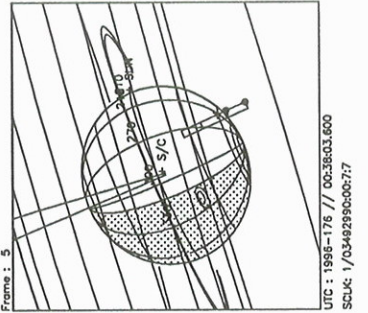
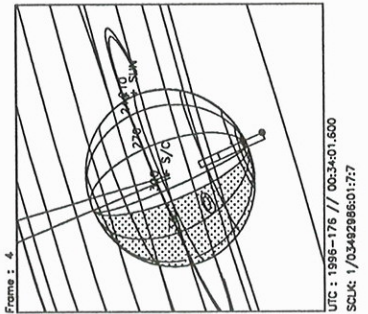
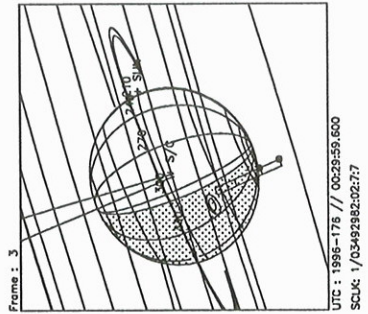
Target Body : JUPITER
 Target Cone/Clock : 103.34 / 93.52 Deg
 S/C to Body Center : 3230802. Km (45.191097 Rj)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



Activity ID:	Orbit GI	OAPEL JUEWMAPS	SeqNo	01-
Title	East-West maps		Instrument	UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group AWG
Time System	CDS	Load ID	GIA	Calendar Date 06/24/96 Week 26
Start	JEE-CDS 00005710:00:0		96-176/00:17:53.600	JEE-004/00:13:26.666
End	JEE-CDS 00005678:00:0		96-176/00:50:14.933	JEE-003/23:41:05.333
Duration	00000032:00:0		000/00:32:21.333	000/00:32:21.333
Top Label	G1JUEWMAPS01-			
Bottom Label	recorded			
Plot Key	UVS	Type	SCI	
CDS Bytes	157	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS Yes
Observation Objective				
	East-west map of the southern auroral region at -60 deg latitude to map the Io fluxtube footprint (-62/353). Start from off dark limb, continue past terminator onto bright limb, then off planet to get background. Use color ratio to get particle energies.			
	Recorded observation; G/G full-scan with 2 RIMS F/G full-scan on brightside. Distance from Jupiter = 45 Rj.			
	Last cn/ck = TBD			
Design Detail				
PSID CDS RIM COMMAND PARAMETERS 384AB 00 00 COMMT UVS RIM 0 157AB 66 01 CMDRS PLAN_DUR = 31 RIMS; EST_UVS_CMDS = 4 02 1 34UVS/UVG: 07, SCAN, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 9D, 00, 00 16 15 34UVS/UVF: 07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, ON, ON, OFF, NOOVR, 1, 00, 9C, 01, 2C 18 17 34UVS/UVG: 07, SCAN, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 9D, 00, 00 32 31 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 165AB 36 02 TARGET subs/c pt (cn off=27 mrad, xcn off=-17 mrad) (RA/Dec = 205.74/-7.94) 117AA 37 02 CSMOS 1 Strips (29 RIMS strip; 1 RIM repos); PLAN_DUR = 30 RIMS; SLEW_RATE = 0.03 305AA 00 02 SELECT INSTR = UVS2; COMPRESSION = RICE; CMPR_DVSR = 1.0; CMPR_UNC = 0.0 175AA 18 02 SCIREC MODE_RATE = R7 300AA 00 32 DESELC INSTR = UVS2				

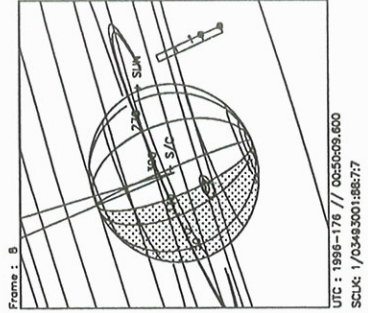
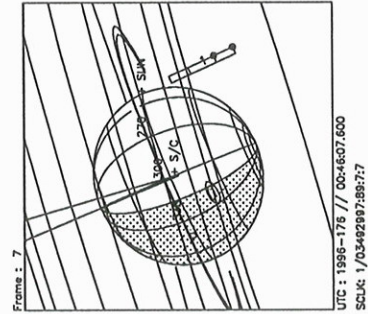
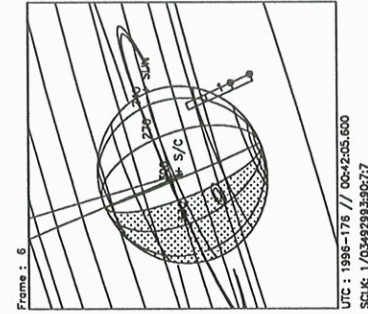


MARF



35:59
back to
G/S

33:58
F+S

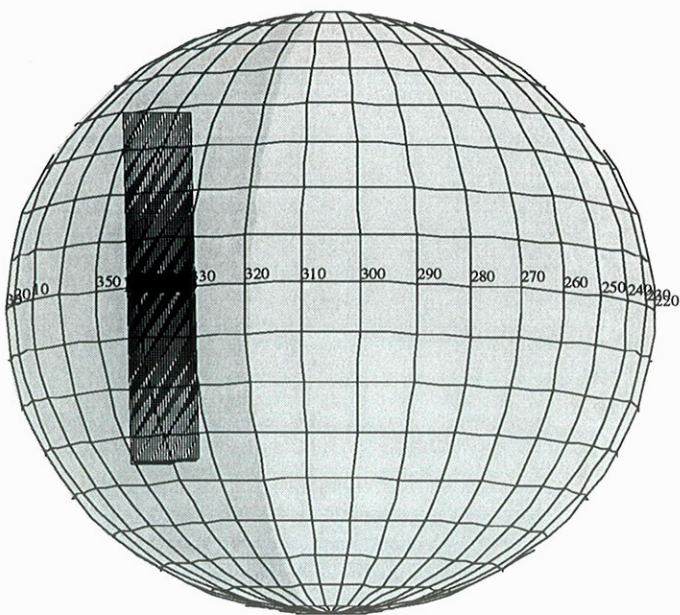


Start UTC_TIME : 1996-176 // 00:17:53.600
End UTC_TIME : 1996-176 // 00:50:14.933
Start SCLK : 1/03492970:05:7:7
Delta Time between FOV : 242.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
Target Cone/Clock : 103.48 / 93.51 Deg
S/C to Body Center : 3218.337. Km (45.016745 RI)
Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit Gi		OAPEL JUDRKMAP		SeqNo 01-	
Title		Darkside map		Instrument UVS	
Requestor		UVS-AWG/W. KENT TOBISKA		Team UVS	
				Working Group AWG	
Time System	CDS	Load ID	G1A	Calendar Date	06/24/96
				Week	26
Start	JEE-CDS 00005678:00:0		96-176/00:50:14.933		JEE-003/23:41:05.333
End	JEE-CDS 00005556:00:0		96-176/02:53:36.266		JEE-003/21:37:44.000
Duration	00000122:00:0		000/02:03:21.333		000/02:03:21.333
Top Label		GIJUDRKMAP01-			
Bottom Label		realtime			
Plot Key	UVS	Type	SCI		
CDS Bytes	241	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
<div style="border: 1px solid black; width: 150px; height: 150px; display: inline-block; vertical-align: top;"></div> <p>Darkside map of H Ly-a bulge at 340-360, 0-26 degrees longitude. Off planet to get Ly-a sky background.</p> <p>Realtime observation at 10 bps for 2.0 hours; G/G Ly-a 88 step 2 position miniscan: even frames are centered at 1199.7 A (1131.5-1265.9) and the odd frames are centered at 1267.5 A (1199.7-1333.4). 10 RIMS UVS OFF/FIXED every 30 RIMS for PWS. Expect RTSFMT = D. Distance from Jupiter = 44 Rj.</p> <p>Last cn/ck = TBD</p>					
Design Detail					
<pre> PSID CDS RIM COMMAND PARAMETERS 384AC 00 00 COMMENT UVS RIM 0 61AA 28 00+LOOPER DUR = 30 RIMS; REPEAT = 4; 61AA157AC 432AA 38 01+OPTRM UVS_STATUS = INCLUDE; BS = 45 349AC 28 01+UVFLSH DISCRD,UVS 157AC 38 01 CMDRS PLAN_DUR = 21 RIMS; EST_UVS_CMDS = 2 02 1 34UVS/UVG:DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C 22 21 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 165AC 36 02 TARGET Lat/lon = 0/340 RA/Dec = 205.58/-6.71 (no TMC) 117AB 37 02 CMOS 3 Strips (29 RIMS strip; 1 RIM repos); PLAN_DUR = 90 RIMS; SLEW_RATE = TBD 165AD 36 92 TARGET RA/Dec = 200.7/-5.7 (cn/ck = TBD) </pre>					

11mf - Jemi to slow
to Bbg target



417

165AC:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/5800 TC= 1(0 340)
A= 364 pD= 0 SR=17.430 RA50=205.58 DEC50= -6.71 cone=104.39 clock= 93.62
117AB:#SB= 1 OR= 0.010 RR=12.000 BM=F RC= 1 BS= 0/5800
1:#s= 3 Cs= 0.00 XCs= 0.00 Cr= 2.50 XCr= 0.00 sD= 5278 rD= 182
165AD:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/2180 TC=15(-5.7 200.7)
A= 90 pD= 0 SR=17.430 RA50=200.70 DEC50= -5.70 cone= 99.55 clock= 92.52

ESIGN G1.0 kent : 2/26/1996 9:48:56

ILE:P.G1JUDRKMAP01

ENTRAL BODY:JUPITER III

INI:m.G1JUDRKMAP01

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

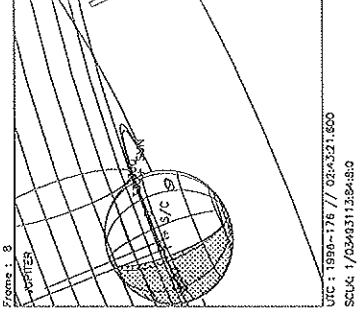
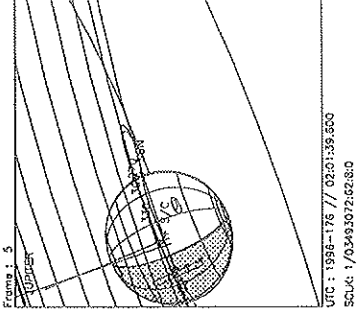
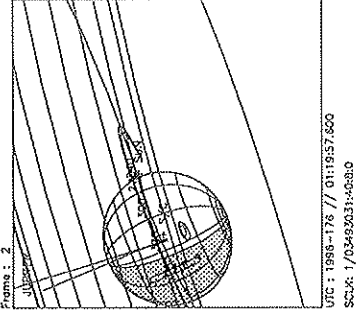
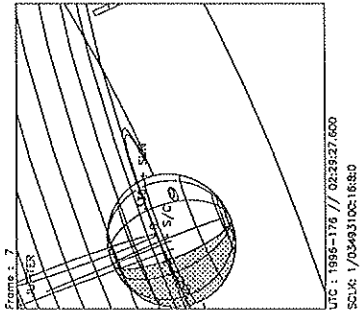
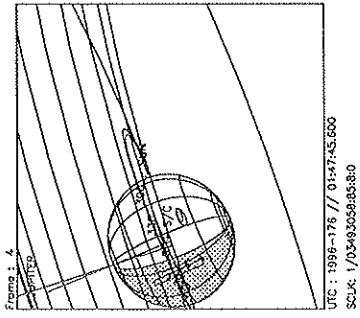
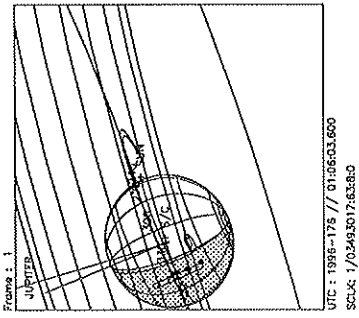
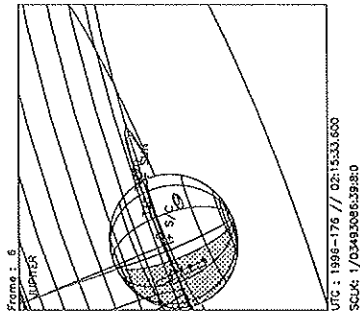
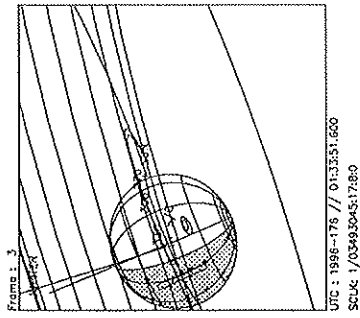
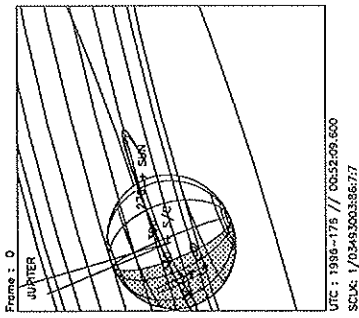
ERIAPSIS:

THINNING:NONE :UVS 1

TART:JEE 96-180/00:31:20.266 -CDS 5676:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.850

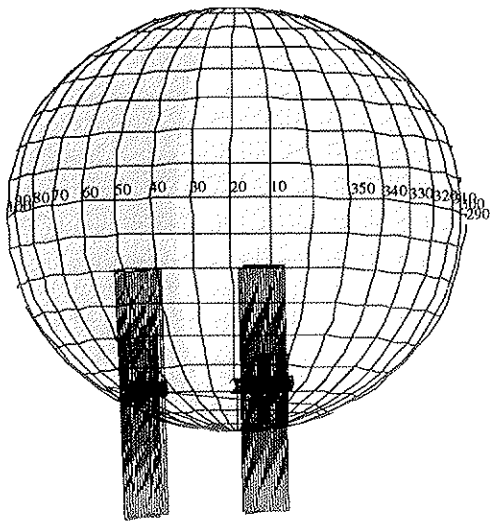
DLK
MAD



Start UTC_TIME : 1996-176 // 00:52:09.600
 End UTC_TIME : 1996-176 // 02:43:23.933
 Start SCLK : 1/0349300386:7:7
 Delta time between FOV : 834.0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 103.64/ 93.51 Deg
 S/C to Body Center : 3204282. Km (44.820152 Ri)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID:	Orbit GI	OAPEL JUAURMAP	SeqNo	01-
Title	Auroral map		Instrument	UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group AWG
Time System	CDS	Load ID	GIA	Calendar Date 06/24/96 Week 26
Start	JEE-CDS 00005556:00:0		96-176/02:53:36.266	JEE-003/21:37:44.000
End	JEE-CDS 00005464:00:0		96-176/04:26:37.600	JEE-003/20:04:42.666
Duration	00000092:00:0		000/01:33:01.334	000/01:33:01.334
Top Label	GIJUAURMAP01-			
Bottom Label	realtime			
Plot Key	UVS	Type	SCI	
CDS Bytes	282	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	Auroral map of southern dayside - nightside assymetry at 82-30 deg longitude.			
	Realtime observation at 10 bps for 1.5 hours; G/G full-scan and 2 RIMS F/G full-scan on brightside. 10 RIMS UVS OFF/FIXED every 30 RIMS for PWS. Expect RTSFMT = D. Distance from Jupiter = 43 Rj.			
	Last cn/ck = TBD			
Design Detail				
PSID CDS RIM COMMAND PARAMETERS				
384AD 00 00 COMMENT UVS RIM 0				
61AB 28 00+LOOPER DUR = 30 RIMS; REPEAT = 3; 61AB157AD				
349AZ 28 01+UVFLSH DISCRD, UVS				
157AD 38 01 CMDRS PLAN_DUR = 21 RIMS; EST_UVS_CMDS = 2				
02 1				
34UVS/UVG: 07, SCAN, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 9D, 00, 00				
22 21				
34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00				
165AE 36 02 TARGET Lat/lon = -60/82 RA/Dec = 205.58/-7.93 (no TMC)				
165AR 36 32 TARGET Lat/lon = -60/30 RA/Dec = 205.07/-7.70 (no TMC)				
165AS 36 62 TARGET Lat/lon = -60/49 RA/Dec = 205.22/-7.77 (no TMC)				
349AD 28 78+UVFLSH PACKET, UVS				
157AE 24 79 CMDRS PLAN_DUR = 1 RIM; EST_UVS_CMDS = 1				
80 1				
34UVS/UVF: 07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, ON, ON, OFF, NOOVR, 1, 00, 9C, 01, 2C				
349AE 28 81+UVFLSH PACKET, UVS				



ESIGN G1.0 kent : 2/21/1996 14: 3:28

FILE:P.G1JUAURMAP01

ENTRAL BODY:JUPITER III

INI:m.G1JUAURMAP01

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

ERIAPSIS:

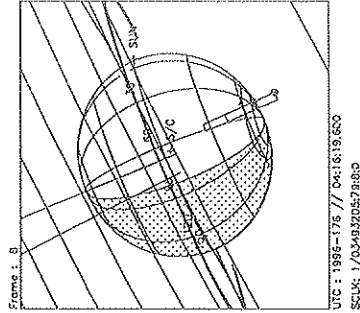
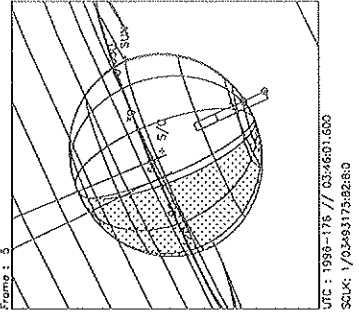
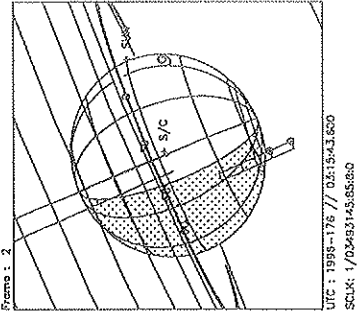
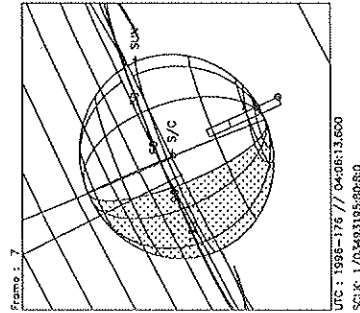
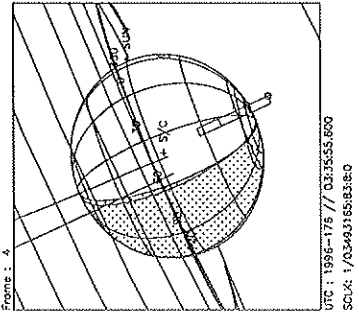
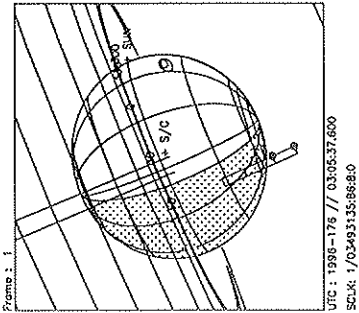
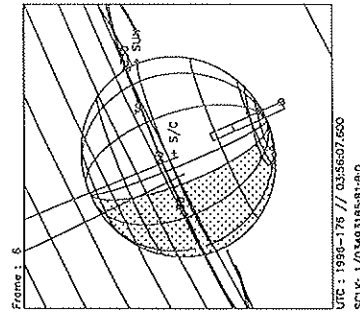
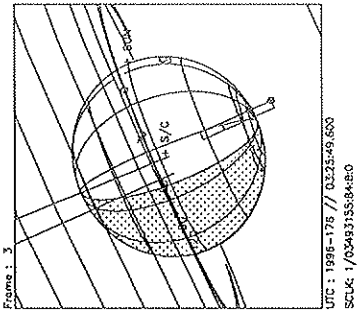
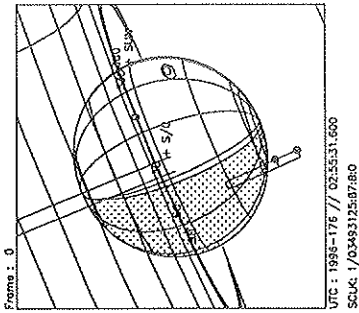
TART:JEE 96-180/00:31:20.266 -CDS 5554:00:0

165AE:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/8004 TC= 1(-60 82)
 A= 364 pD= 0 SR=17.430 RA50=205.58 DEC50= -7.93 cone=104.88 clock= 92.47
 165AR:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/3464 TC= 1(-60 30)
 A= 364 pD= 0 SR=17.450 RA50=205.07 DEC50= -7.70 cone=104.33 clock= 92.47
 165AS:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/8924 TC= 1(-60 49)
 A= 364 pD= 0 SR=17.450 RA50=205.22 DEC50= -7.77 cone=104.49 clock= 92.46

THINNING:NONE :UVS 1

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.600

AUX
ANAL

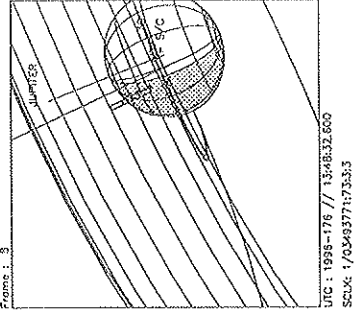
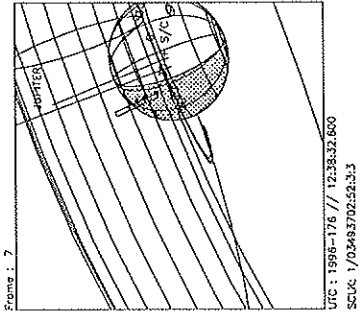
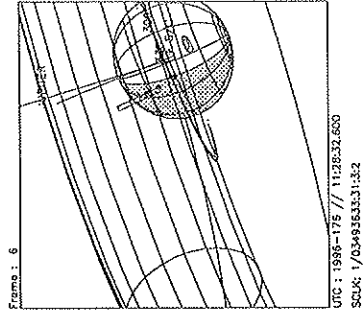
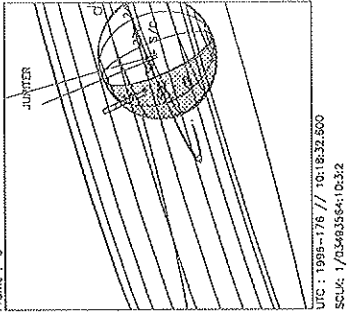
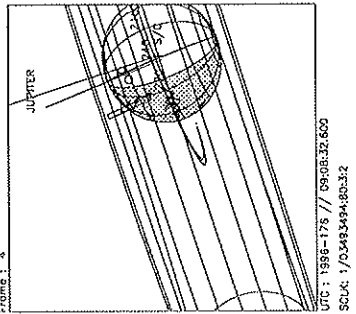
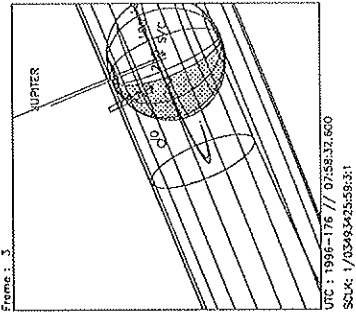
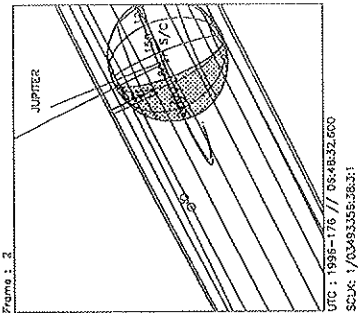
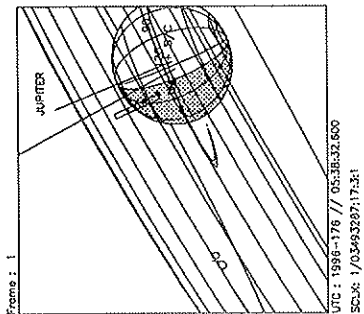
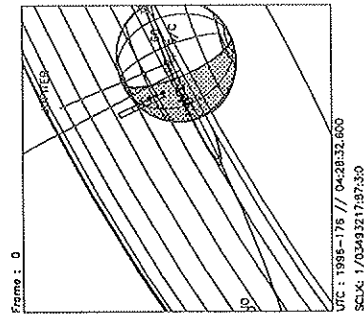


Start UTC.TIME : 1996-176 // 02:55:31.600
 End UTC.TIME : 1996-176 // 04:16:24.933
 Start SCLK : 1/03493125:87:8:0
 Delta Time between FOV : 606.0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 104.24 / 93.50 Deg
 S/C to Body Center : 3153465. Km (44, 109334 Rj)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID:	Orbit G1	OAPEL JUFIXTMD	SeqNo	01-
Title	Fixed local time map		Instrument	UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group AWG
Time System	CDS	Load ID	G1A	Calendar Date 06/24/96 Week 26
Start	JEE-CDS 00005464:00:0		96-176/04:26:37.600	JEE-003/20:04:42.666
End	JEE-CDS 00004862:00:0		96-176/14:35:18.933	JEE-003/09:56:01.333
Duration	00000602:00:0		000/10:08:41.333	000/10:08:41.333
Top Label	GIJUFIXTMD01-			
Bottom Label	realtime			
Plot Key	UVS	Type	SCI	
CDS Bytes	205	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	Fixed local time map for global coverage over 1 Jupiter rotation on northern auroral darkside. Use color ratios for particle energies.			
	Realtime observation at 10 bps for 10.0 hours; G/G full scan. 10 RIMS UVS OFF/FIXED every 30 RIMS for PWS. Expect RTSFMT = D. Distance from Jupiter = 43-40 Rj.			
	Last cn/ck = TBD			
Design Detail				
PSID CDS RIM COMMAND PARAMETERS				
384AE 00 00 COMMENT UVS RIM 0				
61AC 28 00+LOOPER DUR = 30 RIMS; REPEAT = 20; 61AC157AF				
349AF 28 01+UVFLSH DISCRD,UVS				
157AF 38 01 CMDRS PLAN_DUR = 21 RIMS; EST_UVS_CMDS = 2				
02 1				
34UVS/UVG:07,SCAN,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,1,2C,9D,00,00				
22 21				
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00				
165AH 36 02 TARGET Lat/lon = 55/125 RA/Dec = 206.78/-6.24 (no TMC)				
117AC 37 02 CSMOS 20 Strips (29 RIMS strip; 1 RIM repos); PLAN_DUR = 600 RIMS; SLEW_RATE = 0.01				
432AB 38 601+OPTRTM UVS_STATUS = EXCLUDE; BS = 45				

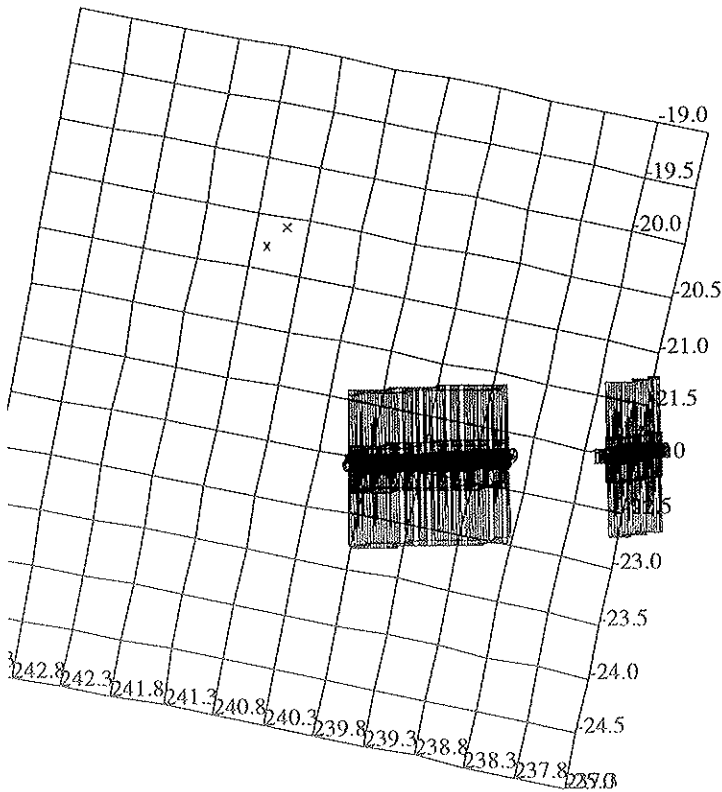
FILED



Start UTC_TIME : 1996-176 // 04:28:32.600
 End UTC_TIME : 1996-176 // 14:25:05.933
 Start SCLK : 1/0349321797530
 Delta Time between FOV : 4200.000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 104.71 / 93.49 Deg
 S/C to Body Center : 3114921. Km (43.570200 Ri)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit GI		OAPEL HUSTRCAL		SeqNo 01-	
Title	Star calibration			Instrument	UVS
Requestor	UVS-AWG/W.KENT TOBISKA	Team	UVS	Working Group	AWG
Time System	CDS	Load ID	GIA	Calendar Date	06/25/96
				Week	26
Start	JEE-CDS 00003871:00:0		96-177/07:17:19.600		JEE-002/17:14:00.666
End	JEE-CDS 00003777:00:0		96-177/08:52:22.266		JEE-002/15:38:58.000
Duration	00000094:00:0		000/01:35:02.666		000/01:35:02.666
Top Label	GIHUSTRCAL01-				
Bottom Label	realtime				
Plot Key	UVS	Type	SCI		
CDS Bytes	315	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
	Star calibration at beginning of tour on delta-Scorpii (Ra=239.34/Dec=-22.48). Type B0 star.				
	Realtime observation at 10 bps for 1.5 hours; F/G full scan; 2 one-half hour slews at the slowest rate (0.01 mrad/sec) using an 18 mrad slew length. Capture sky background on the last one-half hour to compare with RADMON data. 10 RIMS UVS OFF/FIXED every 30 RIMS for PWS. Expect RTSFMT = D. Distance from Jupiter = 34 Rj.				
	Last cn/ck = TBD				
Design Detail					
PSID CDS RIM COMMAND PARAMETERS					
384AF 00 00 COMMENT UVS RIM 0					
61AD 28 02+LOOPER DUR = 30 RIMS; REPEAT = 3; 61AD157AG					
349AG 28 03+UVFLSH DISCRD,UVS					
157AG 38 03 CMDRS PLAN_DUR = 21 RIMS; EST_UVS_CMDS = 2					
04 1					
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,ON,ON,OFF,NOOVR,1,00,9C,01,2C					
24 21					
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00					
165AI 36 04 TARGET RA/Dec = 239.88/-22.59 (use offset = 9 mrad)					
117AD 37 04 CSMOS 2 Strips (29 RIMS strip; 1 RIM repos); PLAN_DUR = 60 RIMS; SLEW_RATE = 0.01					
(cn_del_s = -16.5 mrad, cn_del_r = 23 mrad)					
349AH 28 23+UVFLSH PACKET,UVS					
349AI 28 53+UVFLSH PACKET,UVS					
349AJ 28 65+UVFLSH DISCRD,UVS					
165AJ 36 66 TARGET RA/Dec = 239.34/-22.48 (use offset = -18 mrad)					
349AK 28 83+UVFLSH PACKET,UVS					



165A:TT= 0 TMC= 1 C= 9.00 XC= 0.00 BS= 0/5038 TC=15(-22.48 239.34)
 A= 728 pD= 0 SR=17.450 RA50=239.89 DEC50=-22.59 cone=140.82 clock= 88.72
 117AD:#SB= 1 OR= 0.010 RR=12.000 BM=F RC= 1 BS= 0/5038
 1:#s= 2 Cs= -16.50 XC= 0.00 Cr= 23.00 XCr= 0.00 sD= 5278 rD= 182
 165AJ:TT= 0 TMC= 1 C= -18.00 XC= 0.00 BS= 0/6322 TC=15(-22.48 239.34)
 A= 364 pD= 0 SR=17.450 RA50=238.25 DEC50=-22.25 cone=139.27 clock= 88.72

ESIGN G1.0 kent : 2/21/1996 12:58:39

ILE:P.G1HUSTRCAL01

ENTRAL BODY:JUPITER III

INI:m.G1HUSTRCAL01

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

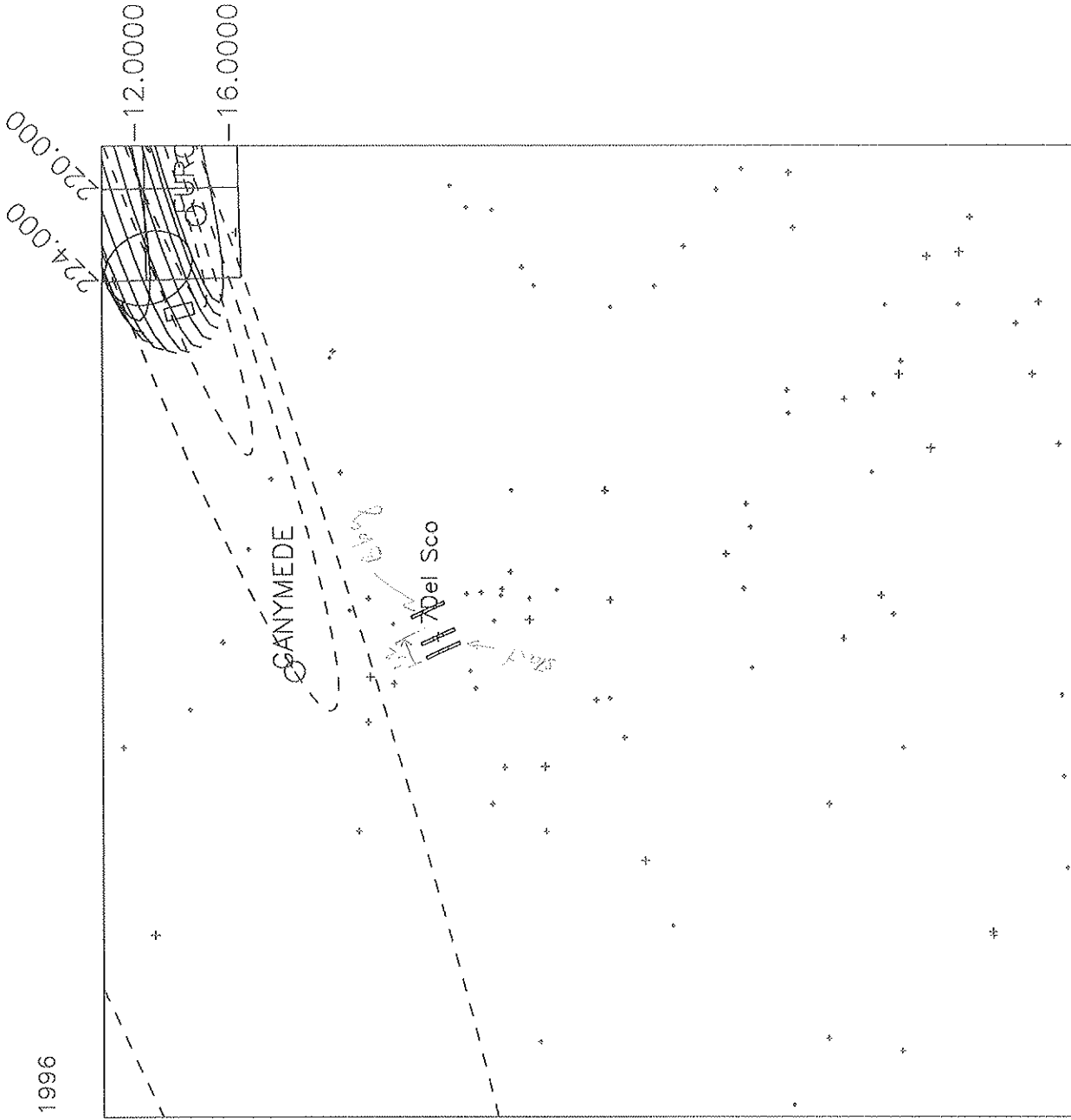
ERIAPSIS:

THINNING:NONE :UVS 1

TART:JEE 96-180/00:31:20.266 -CDS 3867:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.500

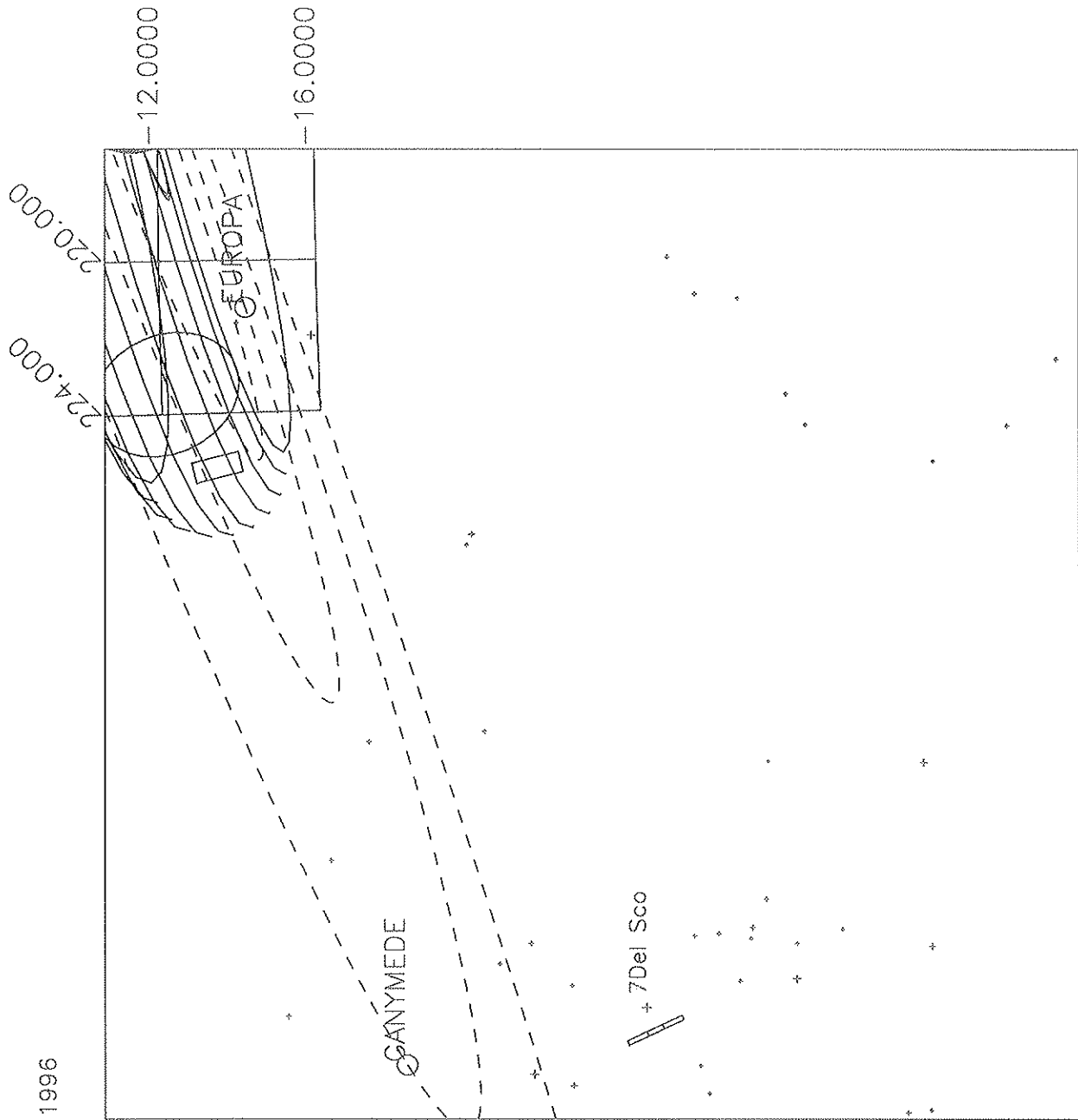
Wed Apr 17 20:35:33 1996



Start UTC_TIME : 1996-177 // 07:17:15.000
No End Time :
Start SCLK : 1/03494808:90:0:0

Target Body : JUPITER
Target Ra/Dec : 215.44/-11.27 Deg
S/C to Body Center : 2415032. Km (33.780456 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

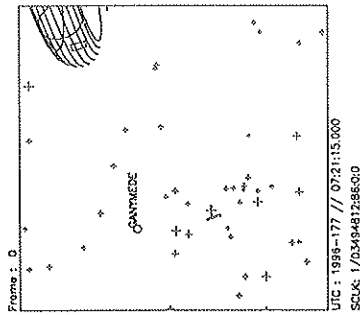
Wed Apr 17 20:26:09 1996



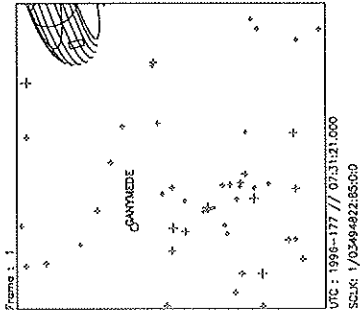
Start UTC_TIME : 1996-177 // 07:17:15.000
No End Time :
Start SCLK : 1/03494808:30:0:0

Target Body : JUPITER
Target Ra/Dec : 215.44/-11.27 Deg
S/C to Body Center : 2415032. Km (33.780456 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

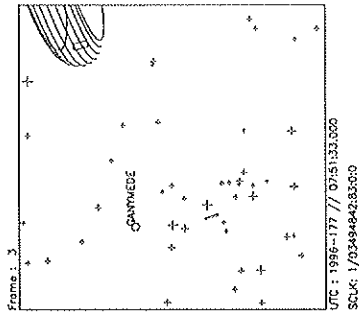
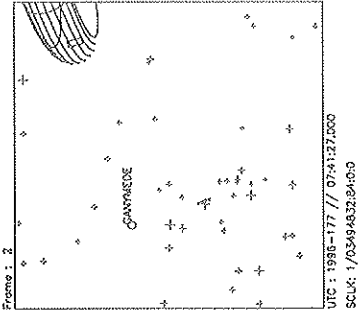
W.C. Bo



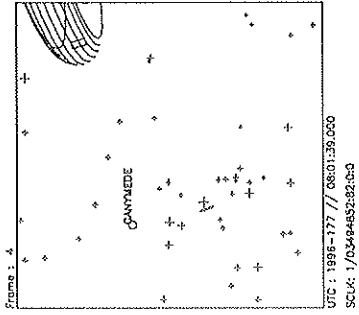
*STL
CAL*



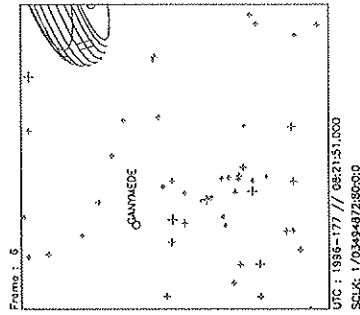
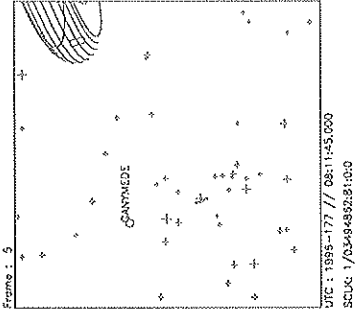
Rec 1



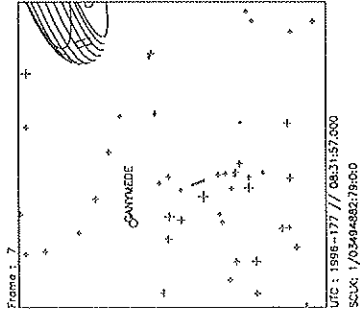
|



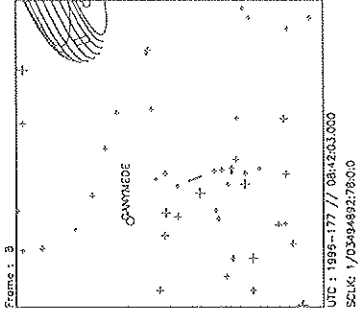
Rec 2



|



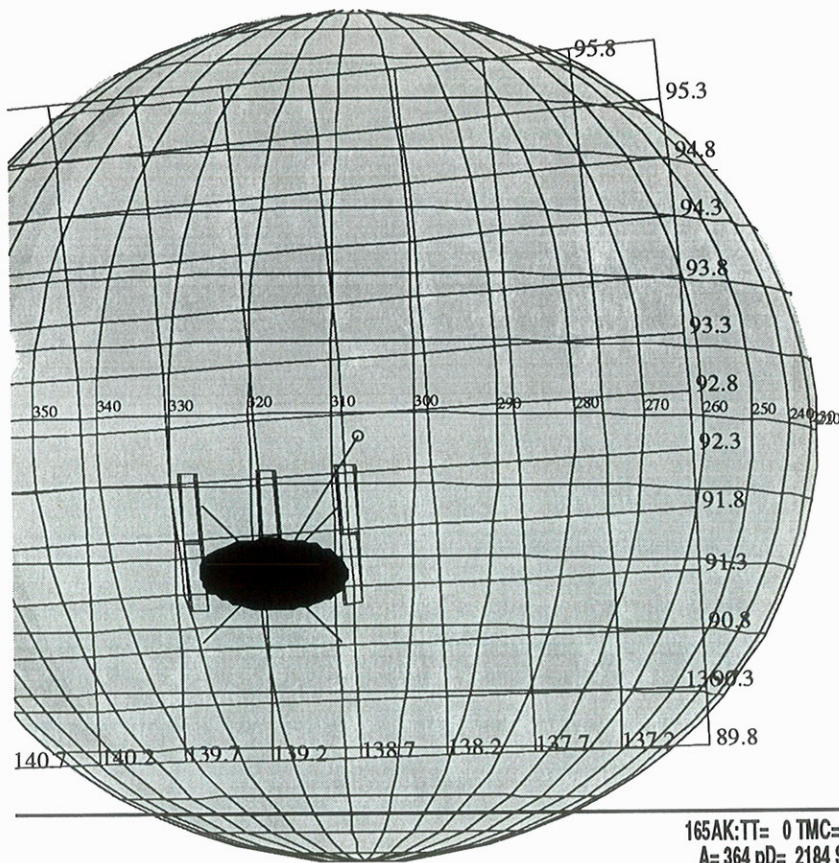
Rec 3



Start UTC TIME : 1996-177 // 07:21:15.000
 End UTC TIME : 1996-177 // 08:42:09.000
 Start SCLK : 1/03494812:86:0:0
 Delta Time between FOV : 606.0000
 FOVs : F Channel(0.1x0.4), N/C Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 115.17 / 93.28 Deg
 S/C to Body Center : 241320. Km (33.754961 Rj)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID:	Orbit GI	OAPEL JUFTKR2E	SeqNo	12-																		
Title	GRS feature track		Instrument	UVS																		
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group	AWG																	
Time System	CDS	Load ID	G1A	Calendar Date	06/26/96	Week	26															
Start	JTE-CDS 00002084:00:0		96-178/13:24:10.933		JTE-001/11:07:09.333																	
End	JTE-CDS 00002070:00:0		96-178/13:38:20.266		JTE-001/10:53:00.000																	
Duration	00000014:00:0		000/00:14:09.333		000/00:14:09.333																	
Top Label	G1JUFTR2E12-																					
Bottom Label	realtime																					
Plot Key	UVS	Type	SCI																			
CDS Bytes	333	Report Options	BOTH	Scan Platform	Yes																	
CDS Source	OAP	Spin State	DUAL	DMS	No																	
Observation Objective																						
GRS phase angle 40, emission angle 1, SSI (G1JSGRSEM201).																						
<table border="1"> <tr> <td>332</td> <td>321</td> <td>312</td> <td>(lat)</td> <td>(lon)</td> </tr> <tr> <td>3</td> <td>2</td> <td>1</td> <td></td> <td>-12.0</td> </tr> <tr> <td>6</td> <td>5</td> <td>4</td> <td></td> <td>-21.5</td> </tr> </table>								332	321	312	(lat)	(lon)	3	2	1		-12.0	6	5	4		-21.5
332	321	312	(lat)	(lon)																		
3	2	1		-12.0																		
6	5	4		-21.5																		
Realtime observation at 10 bps for 12 RIMS; F/F full scan covers 6 equivalent SSI frames. Expect RTSFMT = B. Distance from Jupiter = 22 Rj.																						
Last cn/ck = TBD																						
Design Detail																						
PSID CDS RIM COMMAND PARAMETERS																						
384AH 00 00 COMMNT UVS RIM 0																						
349AL 28 00+UVFLSH DISCRD,UVS																						
157AH 38 01 CMDRS PLAN_DUR = 13 RIMS; EST_UVS_CMDS = 2																						
02 1																						
34UVS/UVF:07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, OFF, ON, OFF, NOOVR, 1, 00, 9C, 00, 00																						
14 13																						
34UVS/OFF:C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00																						
165AK 36 02 TARGET Lat/lon = -22.3/318 (cn off=-8.0 mrad; xcn off=6.9 mrad)																						
(RA/Dec = 238.23/-20.00)																						
117AE 63 02 CSMOS 6 strips; 3 subcsmos																						
349AM 28 02+UVFLSH PACKET,UVS (1)																						
349AN 28 04+UVFLSH PACKET,UVS (2)																						
349AO 28 06+UVFLSH PACKET,UVS (3)																						
349AP 28 08+UVFLSH PACKET,UVS (4)																						
349AQ 28 10+UVFLSH PACKET,UVS (5)																						
349KP 28 12+UVFLSH PACKET,UVS (6)																						



G1 FTRK 2E12
 1st target - 138.288 Cn
 92.503 Ck
 2nd target - 138.741 Cn
 92.503 Ck
 3rd target - 139.194 Cn
 92.503 Ck

4th target - 138.253 Cn
 92.118 Ck
 5th target - 138.706 Cn
 92.118 Ck
 6th target - 139.159 Cn
 92.118 Ck

165AK:TT= 0 TMC= 1 C= -8.00 XC= 6.90 BS= 0/9905 TC= 1(-22.3 318)
 A= 364 pD= 2184 SR=17.430 RA50=238.23 DEC50=-20.00 cone=138.70 clock= 92.05
 117AE:#SB= 3 OR= 0.010 RR=12.000 BM=FR C= 1 BS= 0/9905
 1:#s= 3 Cs= 0.00 XCs= 0.00 Cr= 7.70 XCr= 0.00 sD= 272 rD= 92
 2:#s= 1 Cs= 0.00 XCs= 0.00 Cr= -16.00 XCr= -7.00 sD= 272 rD= 92
 3:#s= 2 Cs= 0.00 XCs= 0.00 Cr= 7.70 XCr= 0.00 sD= 272 rD= 92

ESIGN G1.0 kent : 4/20/1996 18:37:54

ILE:P.G1JUFTKR2E12

ENTRAL BODY:JUPITER III

INI:m.G1JUFTKR2E12

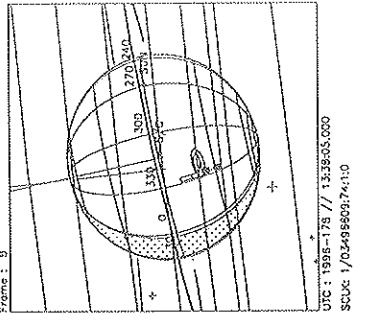
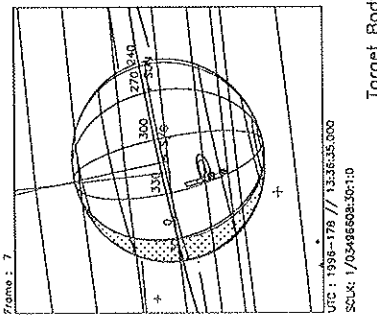
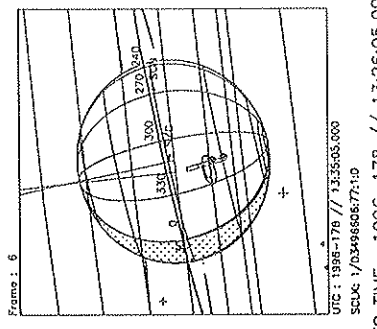
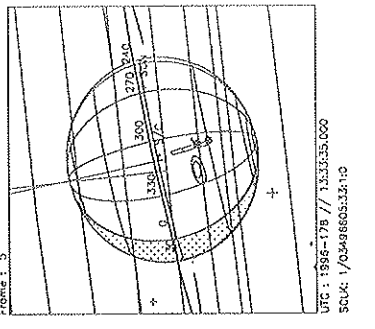
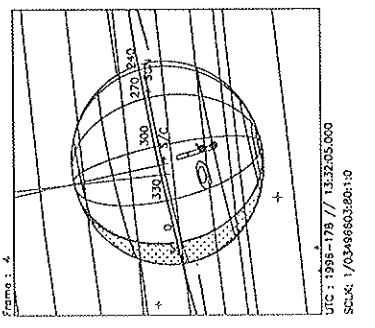
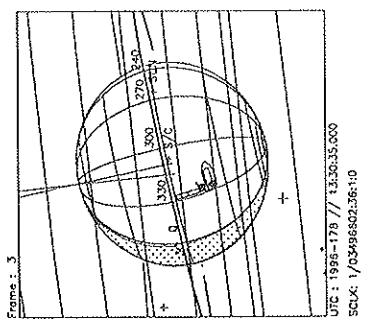
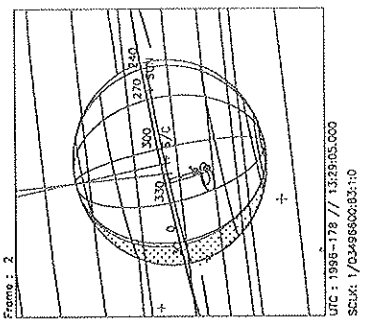
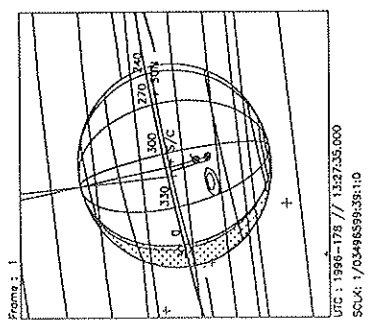
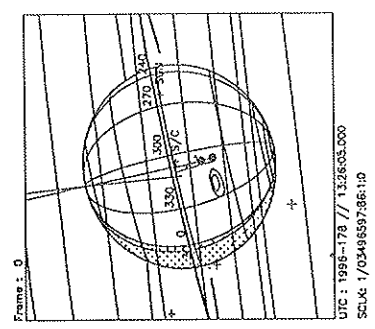
EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 10

TART:JTE 96-180/00:31:20.266 -CDS 2082:00:0

BODY PLOT TIME:TARGET-TIME D= 2184 S= 1.200



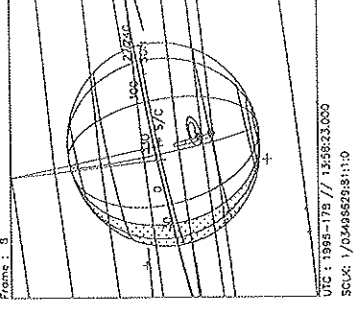
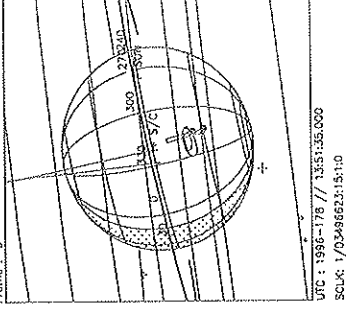
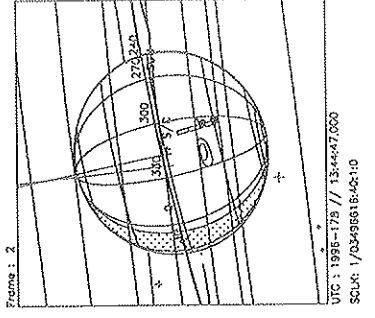
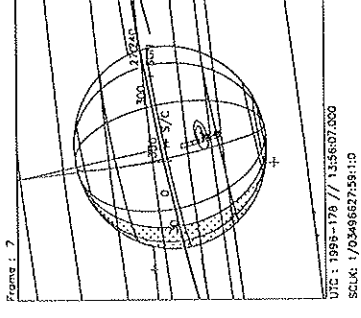
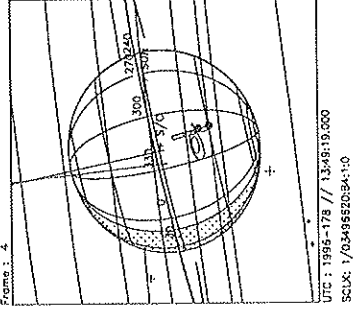
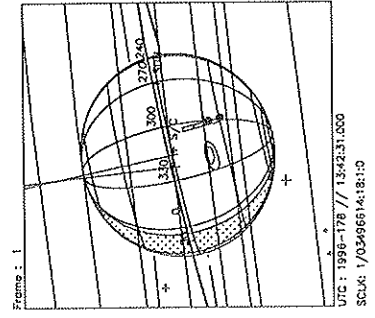
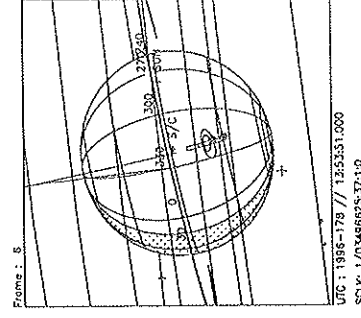
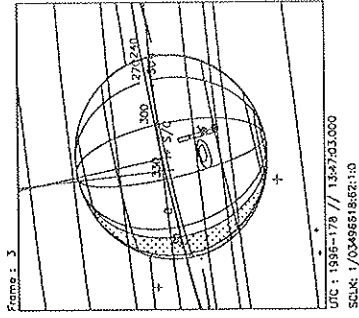
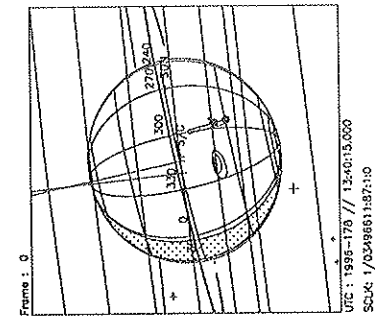
~~FOV~~
Feature
Track
ZELD

Start UTC_TIME : 1996-178 // 13:26:05.000
End UTC_TIME : 1996-178 // 13:38:13.000
Start SCLK : 1/03496597:86:1:0
Delta Time between FOV : 90.00000
FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
Target Cone/Clock : 138.61 / 92.62 Deg
S/C to Body Center : 1552670. Km (21,718100 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1		OAPEL JUFTKR2E		SeqNo 13-	
Title	GRS feature track			Instrument	UVS
Requestor	UVS-AWG/W. KENT TOBISKA		Team UVS	Working Group AWG	
Time System CDS	Load ID G1A	Calendar Date 06/26/96	Week 26		
Start	JTE-CDS 00002070:00:0	96-178/13:38:20.266	JTE-001/10:53:00.000		
End	JTE-CDS 00002050:00:0	96-178/13:58:33.600	JTE-001/10:32:46.666		
Duration	00000020:00:0	000/00:20:13.334	000/00:20:13.334		
Top Label	G1JUFTKR2E13-				
Bottom Label	realtime				
Plot Key	UVS	Type	SCI		
CDS Bytes	223	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
	GRS phase angle 40, emission angle 1, SSI (G1JSGRSEM201).				
	Realtime observation at 10 bps for 20 RIMS; F/G full scan covers 6 equivalent SSI frames (3x2). Expect RTSFMT = B. Distance from Jupiter = 22 Rj.				
	Last cn/ck = TBD				
Design Detail					
<pre> PSID CDS RIM COMMAND PARAMETERS 384AI 00 00 COMMNT UVS RIM 0 349AR 28 00+UVFLSH DISCRD,UVS 157AI 38 01 CMDRS PLAN_DUR = 19 RIMS; EST_UVS_CMDS = 2 02 1 34UVS/UVF:07, SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,ON,ON,OFF,NOOVR,1,00,9C,01,2C 20 19 34UVS/OFF:C1, FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00 165AL 36 02 TARGET Lat/lon = -22.3/318 (cn off = -15.0) (RA/Dec = 237.62/-20.29) 117AF 37 02 CS MOS 1 strips 349AS 28 06+UVFLSH PACKET,UVS (1,4) 349AT 28 12+UVFLSH PACKET,UVS (2,5) 349AU 28 18+UVFLSH PACKET,UVS (3,6) </pre>					

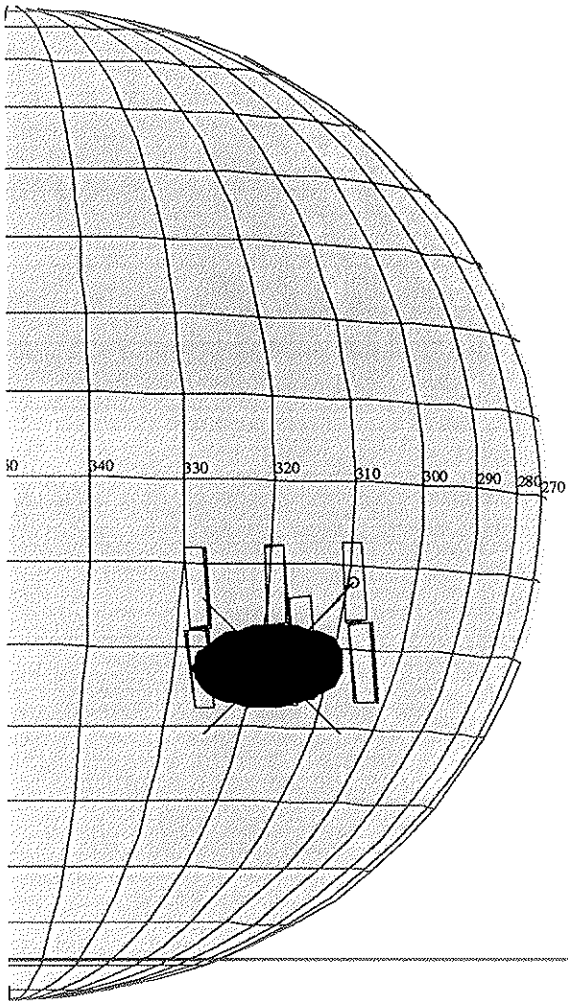
feature
Track
2E13



Target Body : JUPITER
 Target Cone/Clock : 138.90 / 92.61 Deg
 S/C to Body Center : 1545733. Km (21.621056 Rj)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Start UTC_TIME : 1996-178 // 13:40:15.000
 End UTC_TIME : 1996-178 // 13:58:27.000
 Start SCLK : 1/03496611:87:1:0
 Delta Time between FOV : 136.0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Activity ID:	Orbit GI	OAPEL JUFTKR2E	SeqNo	22-																					
Title	GRS feature track		Instrument	UVS																					
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group	AWG																				
Time System	CDS	Load ID	GIA	Calendar Date	06/26/96	Week	26																		
Start	JTE-CDS 00002014:00:0		96-178/14:34:57.600		JTE-001/09:56:22.666																				
End	JTE-CDS 00002000:00:0		96-178/14:49:06.933		JTE-001/09:42:13.333																				
Duration	00000014:00:0		000/00:14:09.333		000/00:14:09.333																				
Top Label	GIJUFTKR2E22-																								
Bottom Label	realtime																								
Plot Key	UVS	Type	SCI																						
CDS Bytes	333	Report Options	BOTH		Scan Platform	Yes																			
CDS Source	OAP	Spin State	DUAL		DMS	No																			
Observation Objective																									
GRS phase angle 40, emission angle 2, SSI (G1JSGRSEM301).																									
<table border="1"> <thead> <tr> <th></th> <th>332</th> <th>323</th> <th>314</th> <th>(lat)</th> <th>(lon)</th> </tr> </thead> <tbody> <tr> <td></td> <td>3</td> <td>2</td> <td>1</td> <td></td> <td>-12.0</td> </tr> <tr> <td></td> <td>6</td> <td>5</td> <td>4</td> <td></td> <td>-22.0</td> </tr> </tbody> </table>									332	323	314	(lat)	(lon)		3	2	1		-12.0		6	5	4		-22.0
	332	323	314	(lat)	(lon)																				
	3	2	1		-12.0																				
	6	5	4		-22.0																				
Realtime observation at 10 bps for 12 RIMS; F/F full scan covers 6 equivalent SSI frames. Expect RTSFMT = B. Distance from Jupiter = 21 Rj.																									
Last cn/ck = TBD																									
Design Detail																									
<pre> PSID CDS RIM COMMAND PARAMETERS 384AK 00 00 COMMNT UVS RIM 0 349KA 28 00+UVFLSH DISCRD,UVS 157AJ 38 01 CMDRS PLAN_DUR = 13 RIMS; EST_UVS_CMDS = 2 02 1 34UVS/UVF:07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, OFF, ON, OFF, NOOVR, 1, 00, 9C, 00, 00 14 13 34UVS/OFF:C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 165AM 36 02 TARGET Lat/lon = -22.3/318 (cn off=-7.5 mrad; xcn off=7.1 mrad) (RA/Dec = 237.86/-20.08) 117AG 63 02 CSMOS 6 strips; 3 subcsmos 349KB 28 02+UVFLSH PACKET,UVS (1) 349KC 28 04+UVFLSH PACKET,UVS (2) 349KD 28 06+UVFLSH PACKET,UVS (3) 349KE 28 08+UVFLSH PACKET,UVS (4) 349KF 28 10+UVFLSH PACKET,UVS (5) 349KQ 28 12+UVFLSH PACKET,UVS (6) </pre>																									



165AM:TT= 0 TMC= 1 C= -7.50 XC= 7.10 BS= 0/2645 TC= 1(-22.3 318)
 A= 364 pD= 2184 SR=17.430 RA50=237.86 DEC50=-20.08 cone=138.39 clock= 91.78
 117AG:#SB= 3 OR= 0.010 RR=12.000 BM=F RC= 1 BS= 0/2645
 1:#s= 3 Cs= 0.00 XC= 0.00 Cr= 6.70 XCr= 0.00 sD= 272 rD= 92
 2:#s= 1 Cs= 0.00 XC= 0.00 Cr= -13.50 XCr= -7.50 sD= 272 rD= 92
 3:#s= 2 Cs= 0.00 XC= 0.00 Cr= 6.70 XCr= 0.00 sD= 272 rD= 92

ESIGN G1.0 kent : 4/20/1996 18:35:51

ILE:P.G1JUFTKR2E22

ENTRAL BODY:JUPITER III

INI:m.G1JUFTKR2E22

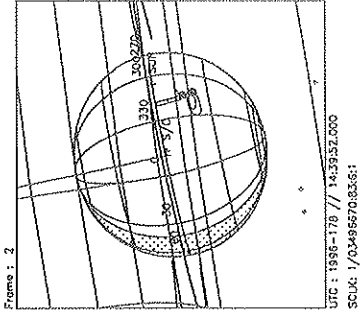
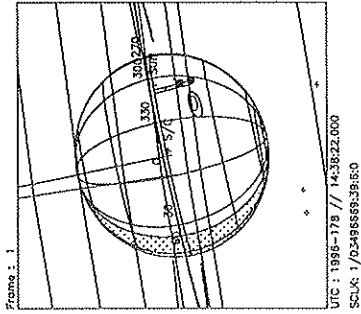
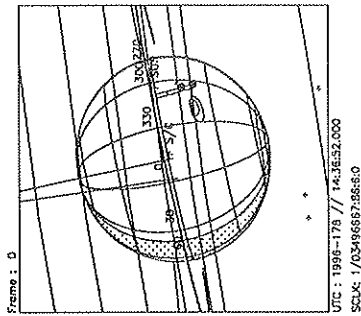
PH:EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

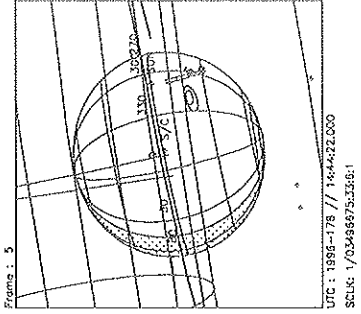
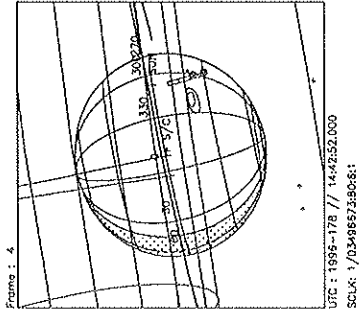
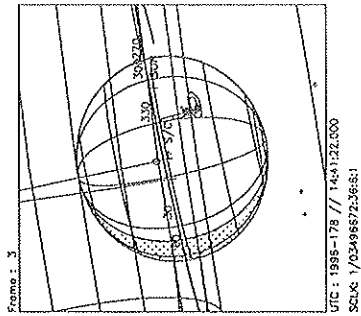
THINNING:NONE :UVS 10

TART:JTE 96-180/00:31:20.266 -CDS 2012:00:0

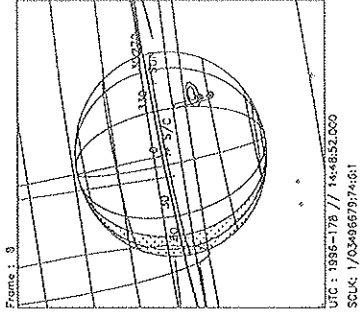
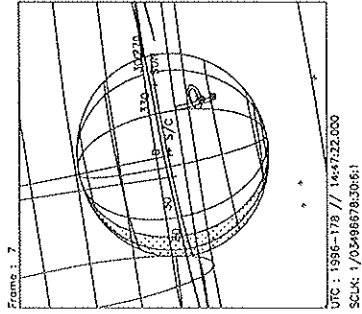
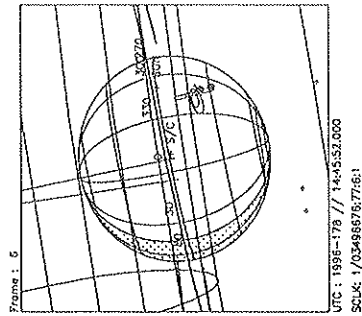
BODY PLOT TIME:TARGET-TIME D= 2184 S= 1.400



Feature Track



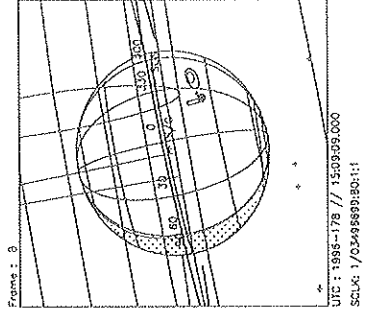
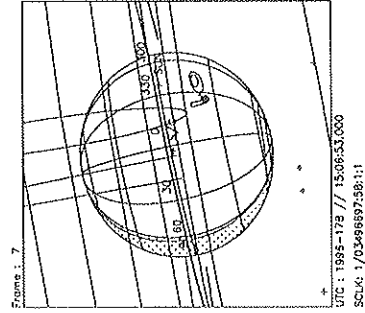
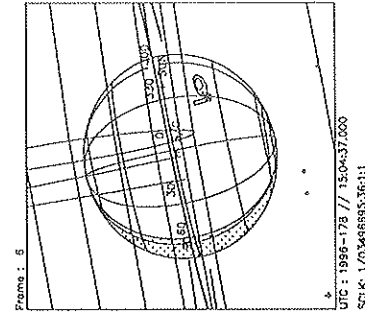
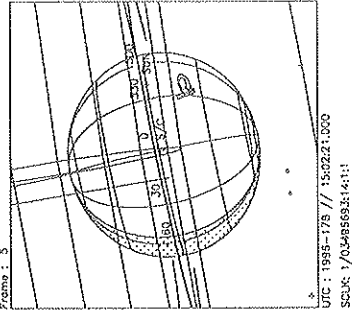
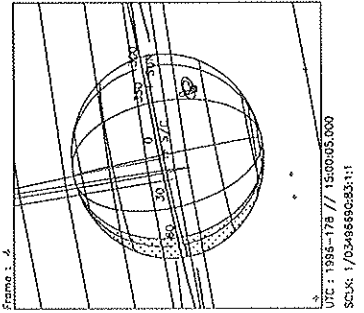
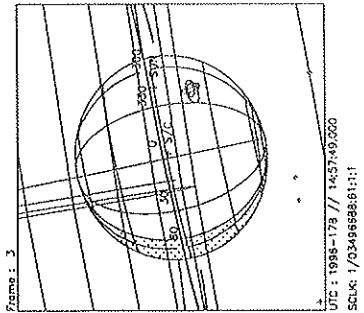
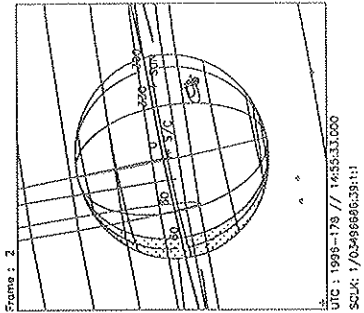
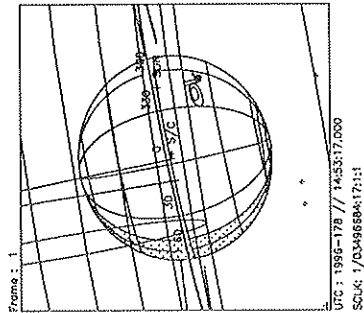
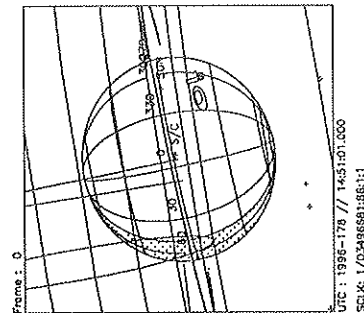
2E22



Start UTC_TIME : 1996-178 // 14:36:52.000
 End UTC_TIME : 1996-178 // 14:49:00.000
 Start SCLK : 1/0349666:7:86:6:0
 Delta Time between FOV : 90.00000
 FOVs : F Channel(0.1x0.4), N/C Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 140.08 / 92.56 Deg
 S/C to Body Center : 1518021. Km (21.233436 Rj)
 Z-axis Pointing (Ro / Dec) : 102.80 / -25.00 Deg

Activity ID:	Orbit G1	OAPEL JUFTKR2E	SeqNo	23-			
Title	GRS feature track		Instrument	UVS			
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group	AWG		
Time System	CDS	Load ID	GIA	Calendar Date	06/26/96	Week	26
Start	JTE-CDS 00002000:00:0		96-178/14:49:06.933		JTE-001/09:42:13.333		
End	JTE-CDS 00001980:00:0		96-178/15:09:20.266		JTE-001/09:22:00.000		
Duration	00000020:00:0		000/00:20:13.333		000/00:20:13.333		
Top Label	G1JUFTKR2E23-						
Bottom Label	realtime						
Plot Key	UVS	Type	SCI				
CDS Bytes	223	Report Options	BOTH	Scan Platform	Yes		
CDS Source	OAP	Spin State	DUAL	DMS	No		
Observation Objective							
GRS phase angle 40, emission angle 2, SSI (G1JSGRSEM301).							
Realtime observation at 10 bps for 20 RIMS; F/G full scan covers 6 equivalent SSI frames (3x2). Expect RTSFMT = B. Distance from Jupiter = 21 Rj.							
Last cn/ck = TBD							
Design Detail							
PSID CDS RIM COMMAND PARAMETERS							
384AL 00 00 COMMNT UVS RIM 0							
349KG 28 00+UVFLSH DISCRD,UVS							
157AK 38 01 CMDRS PLAN_DUR = 19 RIMS; EST_UVS_CMDS = 2							
02 1							
34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,ON,ON,OFF,NOOVR,1,00,9C,01,2C							
20 19							
34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00							
165AN 36 02 TARGET Lat/lon = -22.3/318 (cn off = -6.0) (RA/Dec = 237.81/-20.54)							
117AH 37 02 CSMOS 1 strips							
349KH 28 06+UVFLSH PACKET,UVS (1,4)							
349KI 28 12+UVFLSH PACKET,UVS (2,5)							
349KJ 28 18+UVFLSH PACKET,UVS (3,6)							

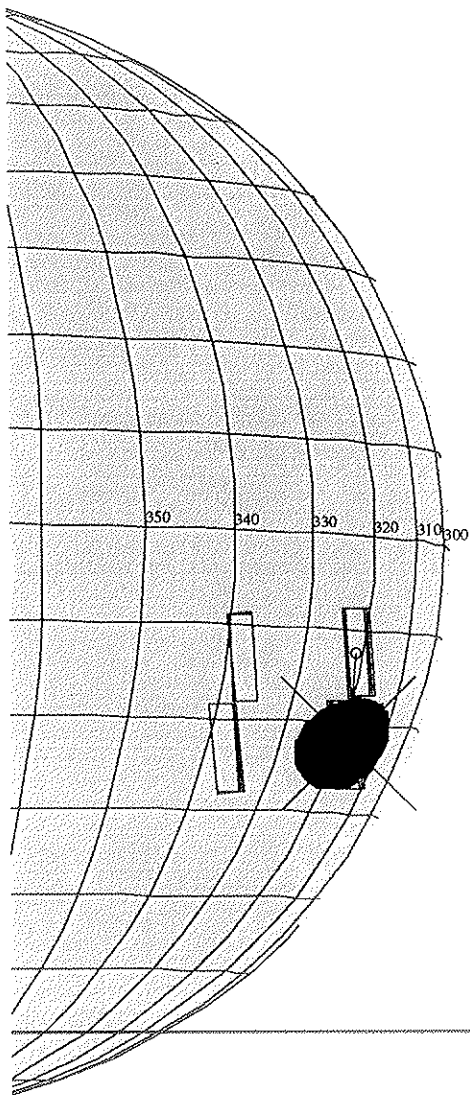


Feature
Track
2522

Start UTC_TIME : 1996-178 // 14:51:01.000
End UTC_TIME : 1996-178 // 15:09:13.000
Start SCLK : 1/03496881:86:1:1
Delta Time between FOV : 1.36.0000
FOVs : F Channel(0.1x0.4)

Target Body : JUPITER
Target Cone/Clock : 140.39 / 92.54 Deg
S/C to Body Center : 151109.: Km (21.136626 Rj)
Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1		OAPEL JUFTKR2E		SeqNo 32-													
Title	GRS feature track			Instrument	UVS												
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group	AWG												
Time System	CDS	Load ID	G1A	Calendar Date	06/26/96 Week 26												
Start	JTE-CDS 00001962:00:0		96-178/15:27:32.266		JTE-001/09:03:48.000												
End	JTE-CDS 00001952:00:0		96-178/15:37:38.933		JTE-001/08:53:41.333												
Duration	00000010:00:0		000/00:10:06.667		000/00:10:06.667												
Top Label	G1JUFTKR2E32-																
Bottom Label	realtime																
Plot Key	UVS	Type	SCI														
CDS Bytes	277	Report Options	BOTH	Scan Platform	Yes												
CDS Source	OAP	Spin State	DUAL	DMS	No												
Observation Objective																	
GRS phase angle 40, emission angle 3, SSI (G1JSGRSEM401).																	
<table border="1"> <thead> <tr> <th>340</th> <th>324</th> <th>(lat)</th> <th>(lon)</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>1</td> <td></td> <td>-12.0</td> </tr> <tr> <td>4</td> <td>3</td> <td></td> <td>-22.8</td> </tr> </tbody> </table>						340	324	(lat)	(lon)	2	1		-12.0	4	3		-22.8
340	324	(lat)	(lon)														
2	1		-12.0														
4	3		-22.8														
Realtime observation at 10 bps for 6 RIMS; F/F full scan covers 4 equivalent SSI frames. Expect RTSFMT = B. Distance from Jupiter = 21 Rj.																	
Last cn/ck = TBD																	
Design Detail																	
<pre> PSID CDS RIM COMMAND PARAMETERS 384AN 00 00 COMMNT UVS RIM 0 349KK 28 00+UVFLSH DISCRD,UVS 157AL 38 01 CMDRS PLAN_DUR = 9 RIMS; EST_UVS_CMDS = 2 02 1 34UVS/UVF:07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, OFF, ON, OFF, NOOVR, 1, 00, 9C, 00, 00 10 9 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 165AO 36 02 TARGET Lat/lon = -22.3/318 (cn off=-1.0; xcn off=7.2) (RA/Dec = 238.38/-20.36) 117AI 63 02 CSMOS 4 strips; 3 subcsmos 349KL 28 02+UVFLSH PACKET,UVS (1) 349KM 28 04+UVFLSH PACKET,UVS (2) 349KR 28 06+UVFLSH PACKET,UVS (3) 349KS 28 08+UVFLSH PACKET,UVS (4) </pre>																	



165AO:TT= 0 TMC= 1 C= -1.00 XC= 7.20 BS= 0/2109 TC= 1(-22.3 318)
 A= 364 pD= 364 SR=17.430 RA50=238.38 DEC50=-20.36 cone=138.93 clock= 91.57
 117A:#SB= 3 OR= 0.010 RR=12.000 BM=F RC= 1 BS= 0/2109
 1:#s= 2 Cs= 0.00 XCs= 0.00 Cr= 9.00 XCr= 0.00 sD= 272 rD= 92
 2:#s= 1 Cs= 0.00 XCs= 0.00 Cr= -7.00 XCr= -7.40 sD= 272 rD= 92
 3:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 9.00 XCr= 0.00 sD= 272 rD= 92

ESIGN G1.0 kent : 4/20/1996 18:21:43

FILE:P.G1JUFTKR2E32

CENTRAL BODY:JUPITER III

INI:m.G1JUFTKR2E32

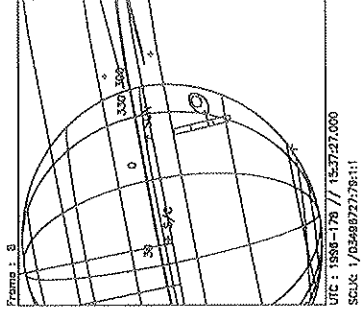
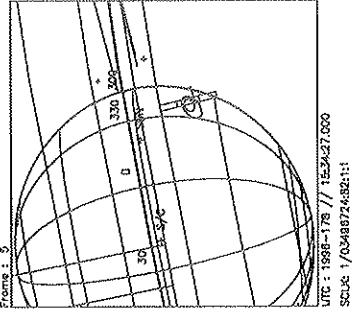
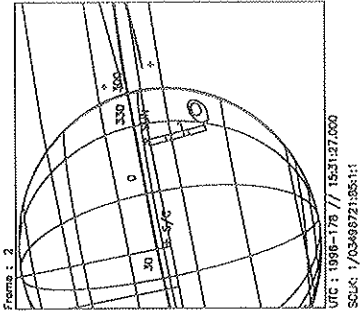
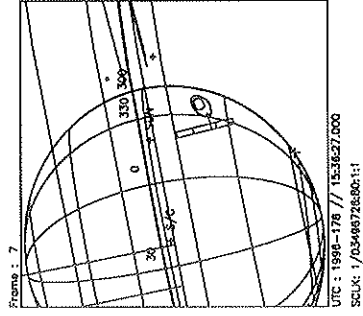
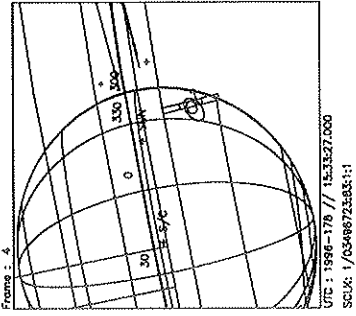
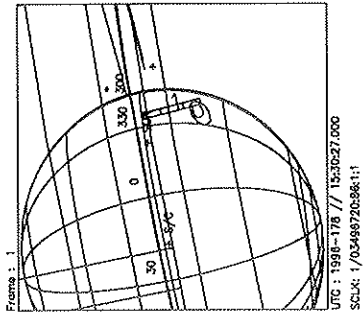
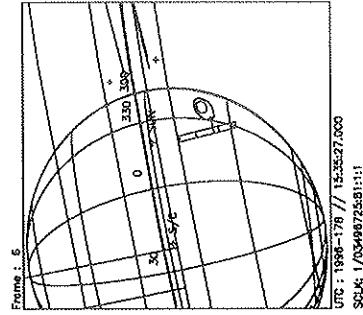
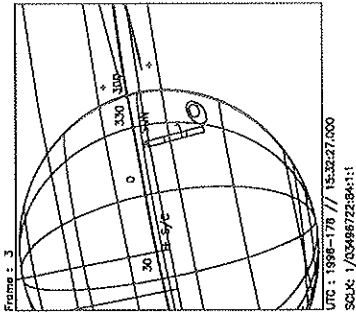
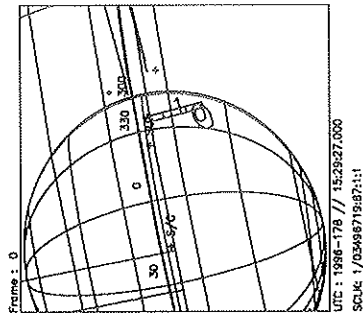
EPH:/DATA/NAVIO/T-960110-ALL.NS

ERIAPSIS:

THINNING:NONE :UVS 10

TART:JTE 96-180/00:31:20.266 -CDS 1960:00:0

BODY PLOT TIME:TARGET-TIME D= 364 S= 1.600

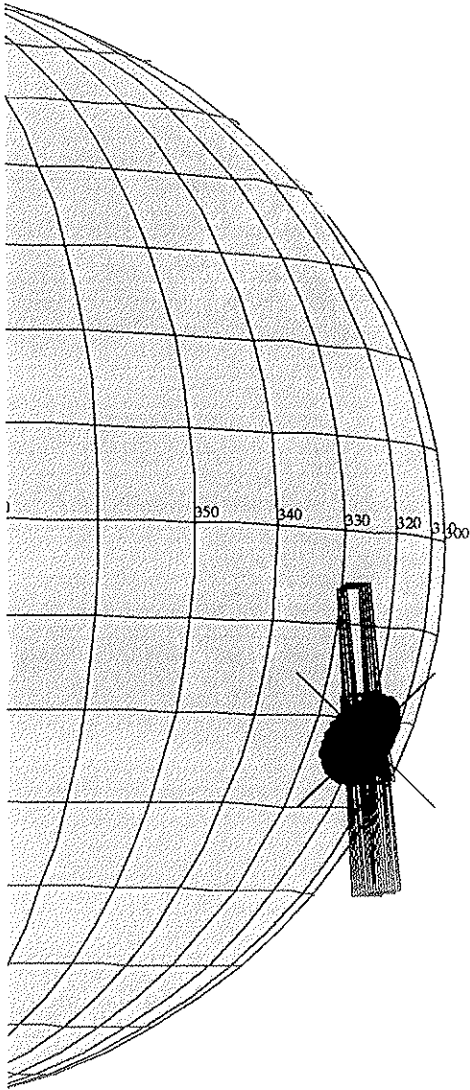


Feature Track 2E32

Start UTC_TIME : 1996-178 // 15:29:27.000
 End UTC_TIME : 1996-178 // 15:37:32.000
 Start SCLK : 1/03498719:87:1:1
 Delta time between FOV : 60.00000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 141.22 / 92.51 Deg
 S/C to Body Center : 1492513. Km (20.873849 Rj)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1		OAPEL JUFTKR2E		SeqNo 33-	
Title	GRS feature track			Instrument	UVS
Requestor	UVS-AWG/W.KENT TOBISKA	Team	UVS	Working Group	AWG
Time System	CDS	Load ID	G1A	Calendar Date	06/26/96 Week 26
Start	JTE-CDS 00001952:00:0		96-178/15:37:38.933		JTE-001/08:53:41.333
End	JTE-CDS 00001944:00:0		96-178/15:45:44.266		JTE-001/08:45:36.000
Duration	00000008:00:0		000/00:08:05.333		000/00:08:05.333
Top Label	G1JUFTKR2E33-				
Bottom Label	realtime				
Plot Key	UVS	Type	SCI		
CDS Bytes	130	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
	GRS phase angle 40, emission angle 3, SSI (G1JSGRSEM401).				
	Realtime observation at 10 bps for 8 RIMs; F/G full scan covers 4 equivalent SSI frames (2x2). Expect RTSFMT = B. Distance from Jupiter = 21 Rj.				
	Last cn/ck = TBD				
Design Detail					
<pre> PSID CDS RIM COMMAND PARAMETERS 384AO 00 00 COMMNT UVS RIM 0 349KN 28 00+UVFLSH DISCRD,UVS 157AM 38 01 CMDRS PLAN_DUR = 7 RIMS; EST_UVS_CMDS = 2 02 1 34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,ON,ON,OFF,NOOVR,1,00,9C,01,2C 08 7 34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00 165AP 36 02 TARGET Lat/lon = -22.3/318 (cn off=1.0) (RA/Dec = 238.49/-20.84) 349KO 28 06+UVFLSH PACKET,UVS (1,2,3,4) </pre>					



165AP:TT= 0 TMC= 1 C= 1.00 XC= 0.00 BS= 0/3929 TC= 1(-22.3 318)
 A= 182 pD= 364 SR=17.430 RA50=238.49 DEC50=-20.84 cone=139.15 clock= 90.90

ESIGN G1.0 kent : 4/20/1996 18:29: 2

FILE:P.G1JUFTKR2E33

CENTRAL BODY:JUPITER III

INI:m.G1JUFTKR2E33

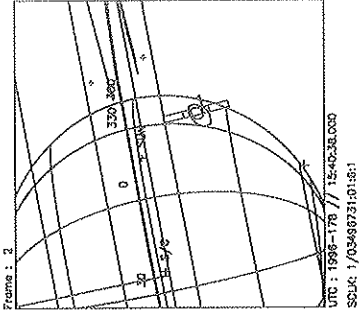
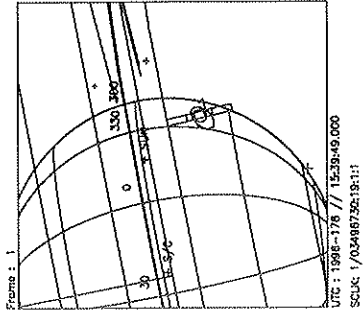
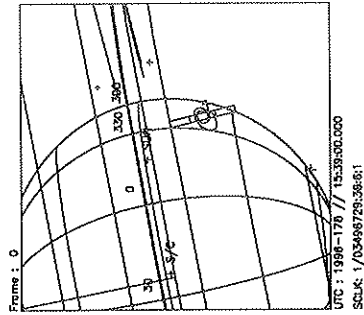
PHOTO: EPH:/DATA/NAVIO/T-960110-ALL.NS

PHOTOMETRY: ERIAPSIS:

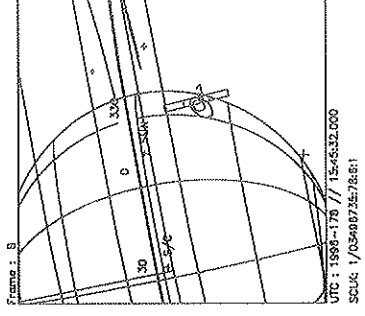
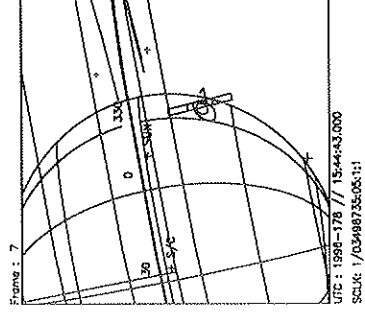
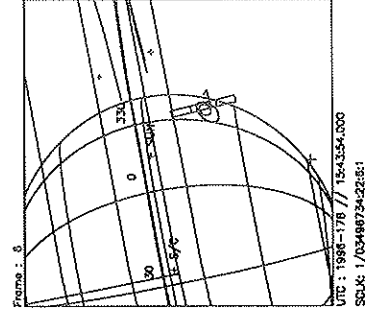
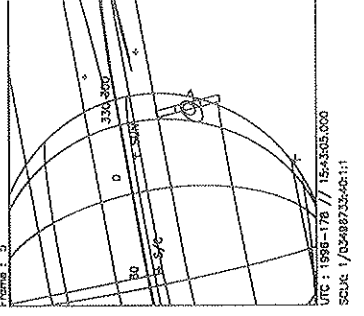
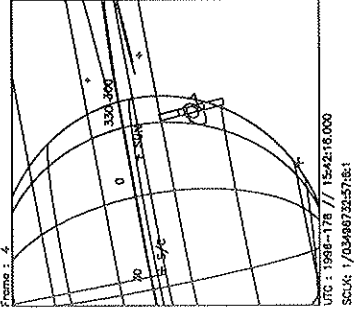
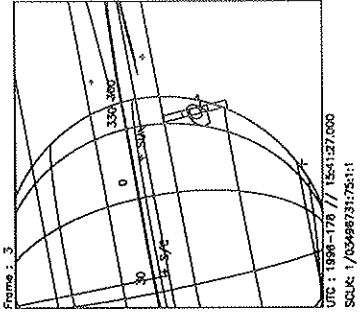
THINNING:NONE :UVS 1

START:JTE 96-180/00:31:20.266 -CDS 1950:00:0

BODY PLOT TIME:TARGET-TIME D= 364 S= 1.600



*Feature
Track
2633*



Start UTC.TIME : 1996-178 // 15:39:00.000
 End UTC.TIME : 1996-178 // 15:45:37.000
 Start SCLK : 1/03498729:36:6:1
 Delta Time between FOV : 49.00000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 141.43 / 92.50 Deg
 S/C to Body Center : 1487648. Km (20.808599 Rj)
 Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit G1 OAPEL NUGRATNG		SeqNo 02-	
Title REQUIRED UVS GRATING MOVEMENT 2		Instrument UVS	
Requestor UVS-MWG/S.STEPHENS 37737		Team UVS	
		Working Group MWG	
Time System CDS	Load ID G1B	Calendar Date 07/10/96	Week 28
Start JEE+CDS 00017713:00:0	96-192/11:01:08.932	JEE+012/10:29:48.666	
End JEE+CDS 00017775:00:0	96-192/12:03:50.266	JEE+012/11:32:30.000	
Duration 00000062:00:0	000/01:02:41.334	000/01:02:41.334	
Top Label G1NUGRATNG02-			
Bottom Label (UVS Grating Movement)			
Plot Key UVS	Type SCI		
CDS Bytes 38	Report Options BOTH	Scan Platform No	
CDS Source PA	Spin State DUAL	DMS No	
Observation Objective			
<p>REQUIRED UVS GRATING MOVEMENT 2</p> <p>To comply with Flight Rule 34A05 (UVS Power On) in the G1 Cruise sequences, the UVS grating must be moved at least every two weeks. The UVS Team prefers that we exercise the UVS grating every week, so we are implementing this 4 times in G1B, and only once in G1C (to save CDS Bytes).</p> <p>The FULLSCAN G instrument command will exercise the grating, with HVOFF.</p>			
Design Detail			
PSID	RIM:mf	CDS PA	Last modified 05/04/96
384BB	0	0	COMMENT [UVS RIM 0]
157BB	1	38	CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]
	2		34UVS,07,S,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,9D,00,00 [FULLSCAN G]
	62		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [NORMAL HVOFF]
<p><i>Did not occur due to s/c Safing</i></p>			