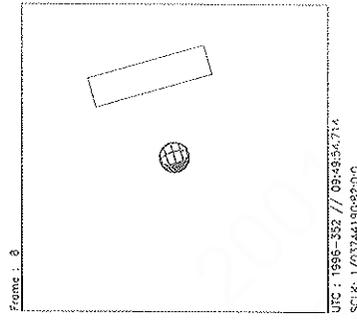
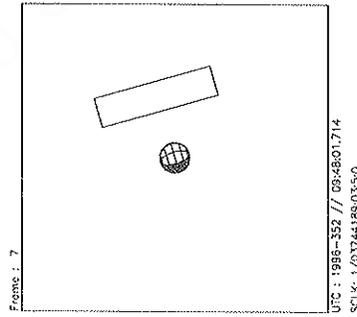
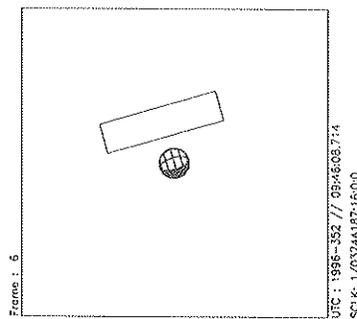
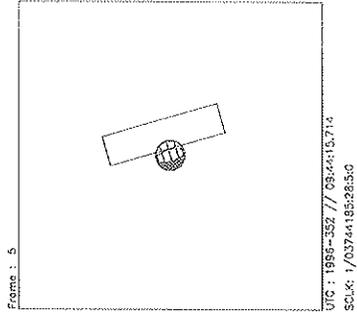
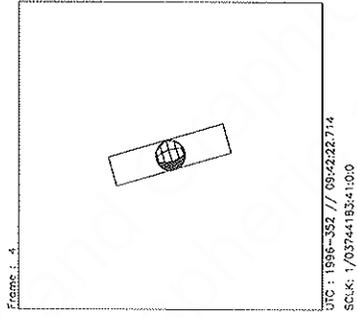
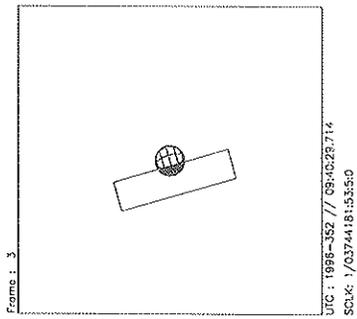
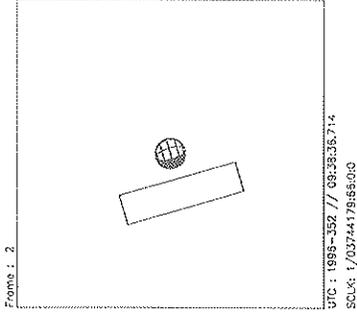
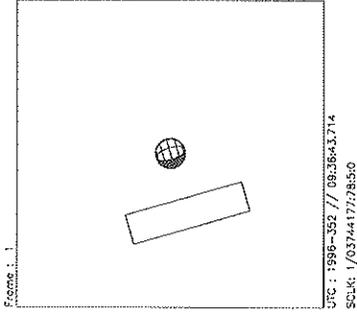
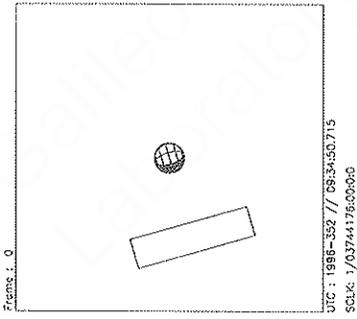


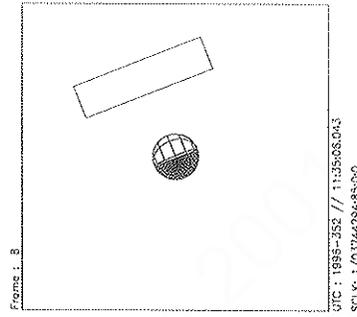
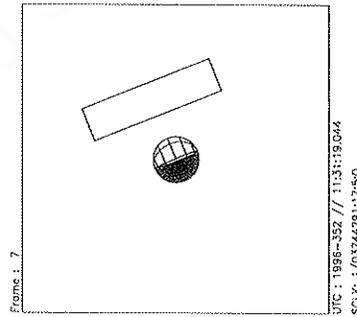
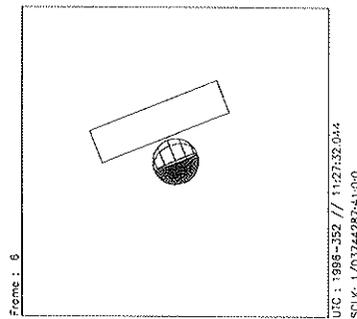
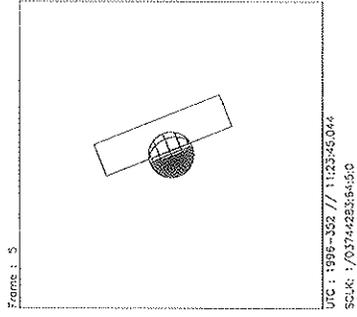
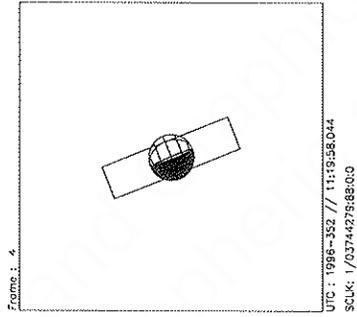
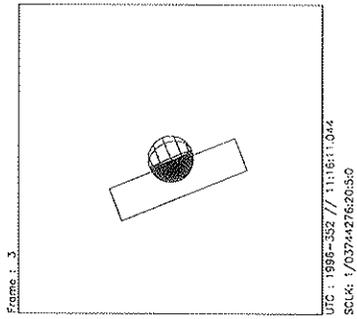
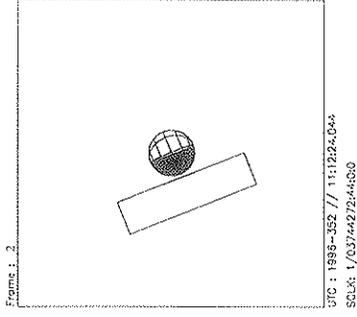
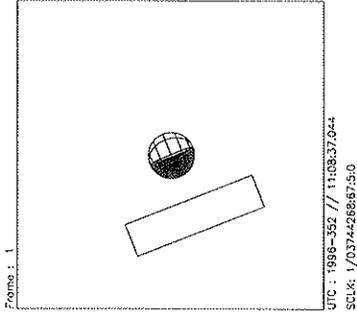
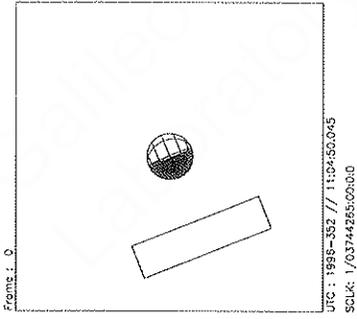
Activity ID:	Orbit E4	OAPEL IUPHAS67	SeqNo	01-
Title	UVS IO PHASE (~67 deg)		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	E4A	Calendar Date 12/17/96 Week 51
Start	JEE-CDS 00002485:00:0		96-352/09:30:52.000	JEE-001/17:52:36.666
End	JEE-CDS 00002451:00:0		96-352/10:05:14.666	JEE-001/17:18:14.000
Duration	00000034:00:0		000/00:34:22.666	000/00:34:22.666
Top Label	E4IUPHAS6701-			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	206	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	Observe Io in the 1600Å to 3200Å wavelength regions at phase angles not obtainable from the Earth to supplement and complement the NIMS surface property measurements.			
	1 scan-platform drift across Io in real-time at ~67° phase (~335 longitude ; 15 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. The drift will include 15 RIMs HV on / 15 RIM HV Off for PWS time sharing.			
	UVS Configuration = F/F Full Scans			
Design Detail				
CDS RIM Command Parameters				PSID
28 003+UVFLUSH DISCRD,UVS				(CI)
38 003 CMDRS				(CE)
004 1 34UVS,07,S,N,N,N,S,0,	ON,OFF,	ON,	ON,OFF,NOOVR,1,00,9C,00,00	
019 16 34UVS,C1,F,N,N,N,S,0,	OFF,OFF,	ON,OFF,OFF,NOOVR,1,2C,05,00,00		
36 004 TARGET {4 RIM Posn_slew}				(CI)
28 018+UVFLUSH PACKET,UVS				(BU)
28 032+UVFLUSH PACKET,UVS				(BU)



Start UTC_TIME : 1996-352 // 09:34:50.715
No End Time :
Start SCLK : 1/03744176:00:0:0

Target Body : IO
Target Cone/Clock : 121.27 / 89.19 Deg
S/C to Body Center : 2087936. Km (1144.4623 Ri)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

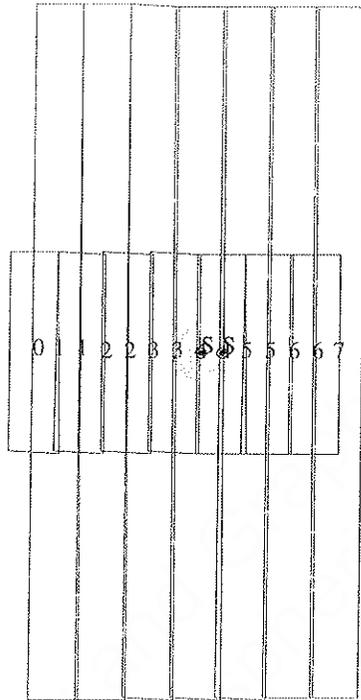
Activity ID: Orbit E4	OAPEL GUPHAS86		SeqNo 01-
Title	UVS GANYMEDE PHASE (~86 deg)		Instrument UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team UVS	Working Group SWG
Time System CDS	Load ID E4A	Calendar Date 12/17/96	Week 51
Start	JEE-CDS 00002396:00:0	96-352/11:00:51.333	JEE-001/16:22:37.333
End	JEE-CDS 00002362:00:0	96-352/11:35:14.000	JEE-001/15:48:14.666
Duration	00000034:00:0	000/00:34:22.667	000/00:34:22.667
Top Label	E4GUPHAS8601-		
Bottom Label	(real-time)		
Plot Key	UVS	Type	SCI
CDS Bytes	206	Report Options	BOTH
CDS Source	OAP	Spin State	DUAL
		Scan Platform	Yes
		DMS	No
Observation Objective			
	Observe Ganymede in the 1600Å to 3200Å wavelength regions at phase angles not obtainable from the Earth to supplement and complement the NIMS surface property measurements.		
	1 scan-platform drift across Ganymede in real-time at ~86° phase (~315 longitude ; 30 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. The drift will include 29 RIMS HV On / 1 RIM HV Off for PWS time sharing.		
	UVS Configuration = F/F Full Scans		
Design Detail			
CDS RIM Command Parameters			PSID
28 003+UVFLUSH DISCRD,UVS			(CJ)
38 003 CMDRS			(CF)
004 1 34UVS,07,S,N,N,N,S,0,	ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00		
034 31 34UVS,C1,F,N,N,N,S,0,	OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00		
36 004 TARGET (4 RIM Posn_slew)			(CJ)
28 033+UVFLUSH PACKET,UVS			(BV)



Start UTC_TIME : 1996-352 // 11:04:50.045
No End Time :
Start SCLK : 1/03744285:00:0:0

Target Body : GANYMEDE
Target Cone/Clock : 101.70 / 89.50 Deg
S/C to Body Center : 225834.3 Km (857.38152 Rg)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID:	Orbit E4	OAPEL IUIECLPS	SeqNo	03-
Title	UVS IO ECLIPSE (BEFORE INGRESS)		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX.37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	E4A	Calendar Date 12/17/96 Week 51
Start	IEE-CDS 00001597:00:0		96-352/18:41:55.400	IEE-001/02:54:44.666
End	IEE-CDS 00001579:00:0		96-352/19:00:07.400	IEE-001/02:36:32.666
Duration	00000018:00:0		000/00:18:12.000	000/00:18:12.000
Top Label	E4IUIECLPS03-			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	206	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
<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>E4IUIECLPS03- = Io eclipse before ingress measurement. 1 scan-platform drift across Io in real-time (14 RIM 3-sigma drift rate) using the UVS 10 bps RTS rate. This drift will be done prior to eclipse ingress and will include 14 RIMs HV On / 16 RIMs HV Off for PWS time sharing.</p> <p>UVS Configuration = F/G Full Scans</p>				
Design Detail				
CDS RIM Command Parameters				PSID
-----				-----
28 002+UVFLUSH DISCRD,UVS				(CK)
38 002 CMDRS				(CG)
003 1 34UVS,07,S,N,N,N,S,0,	ON,OFF,	ON,	ON,OFF,NOOVR,1,00,9C,01,2C	
017 15 34UVS,C1,F,N,N,N,S,0,	OFF,OFF,	ON,OFF,OFF,NOOVR,1,2C,05,00,00		
36 003 TARGET (3 RIM Posn_slew)				(CK)
28 016+UVFLUSH PACKET,UVS				(CL)



165CK:TT= 0 TMC= 1 C= 5.93 XC= -0.10 BS= 0/8080 TC= 9
 A= 546 pD= 0 SR=17.430 RA50=250.78 DEC50=-24.28 cone=145.14 clock= 88.87

DESIGN G2.0 jaiel:10/ 2/1996 10: 6:53

FILE:P.E4IUIECLPS03

TARGET BODY : IO

MINI:m.E4IUIECLPS03

S H:/DATA/NAVIO/T-960909-TOUR.NS

PERIAPSIS:

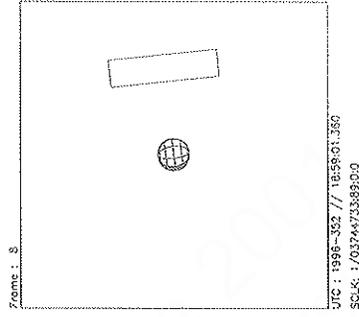
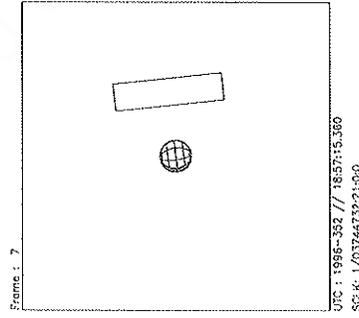
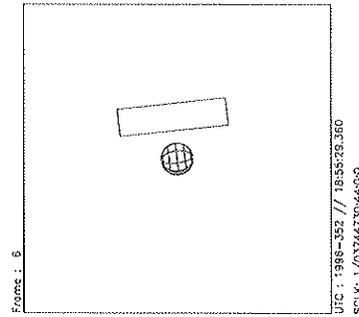
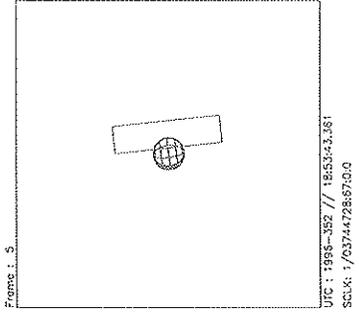
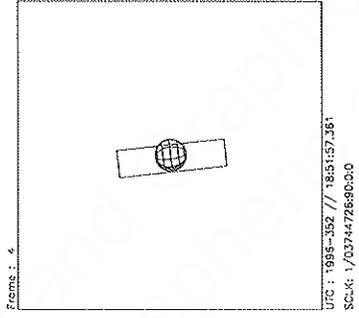
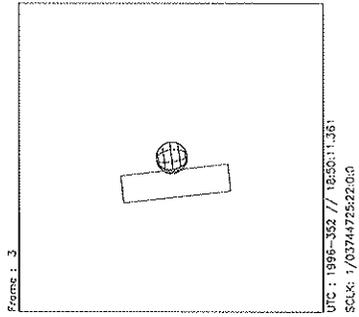
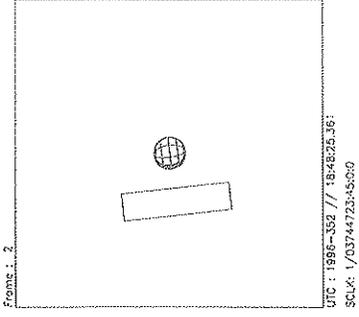
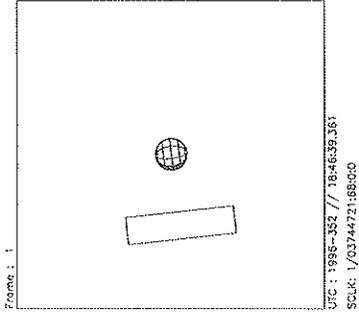
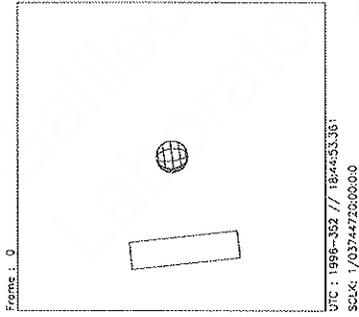
THINNING: :UVS 1

START:IEE 96-353/21:36:40.952 -CDS 1594:00:0

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

OBSERVATION:E4IUIECLPS03

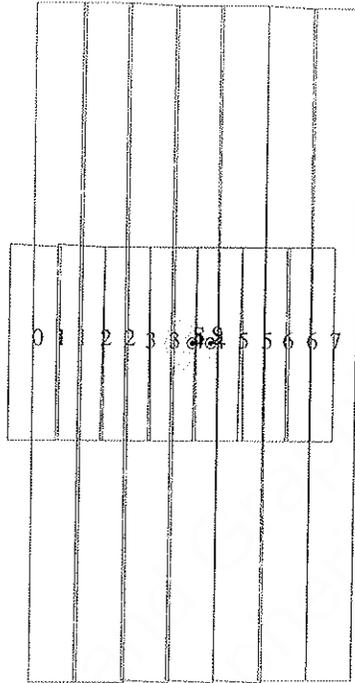
DESCRIP:E4 UVS Io Eclipse - b.i.



Start UTC_TIME : 1996-352 // 18:44:53.361
No End Time :
Start SCLK : 1/03744720:00:00

Target Body : IO
Target Cone/Clock : 144.80 / 88.88 Deg
S/C to Body Center : 1797381. Km (985.21751 Ri)
Z-axis Pointing (Ro / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4	OAPEL IUIECLPS	SeqNo 04-
Title	UVS IO ECLIPSE (AFTER INGRESS)	Instrument UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team UVS Working Group SWG
Time System CDS	Load ID E4A	Calendar Date 12/17/96 Week 51
Start	IEE-CDS 00001553:00:0	96-352/19:26:24.733 IEE-001/02:10:15.333
End	IEE-CDS 00001535:00:0	96-352/19:44:36.733 IEE-001/01:52:03.333
Duration	00000018:00:0	000/00:18:12.000 000/00:18:12.000
Top Label	E4IUIECLPS04-	
Bottom Label	(real-time)	
Plot Key	UVS	Type SCI
CDS Bytes	206	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.	
	E4IUIECLPS04- = Io eclipse after ingress measurment. 1 scan-platform drift across Io in real-time (14 RIM 3-sigma drift rate) using the UVS 10 bps RTS rate. This drift will be done after eclipse ingress and will include 14 RIMs HV On / 16 RIMs HV Off for PWS time sharing.	
	UVS Configuration = F/G Full Scans	
Design Detail		
CDS RIM Command Parameters		PSID
28 002+UVFLUSH DISCRD,UVS		(CM)
38 002 CMDRS		(CH)
003 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,01,2C		
017 15 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00		
36 003 TARGET (3 RIM Posn_slew)		(CL)
28 016+UVFLUSH PACKET,UVS		(CN)



165CL:TT= 0 TMC= 1 C= 5.76 XC= -0.10 BS= 0/6088 TC= 9
 A= 546 pD= 0 SR=17.430 RA50=253.06 DEC50=-24.52 cone=147.23 clock= 88.83

DESIGN G2.0 jaiel:10/ 2/1996 10: 8: 5

FILE:P.E4IUIECLPS04

TARGET BODY : IO

MINI:m.E4IUIECLPS04

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PERIAPSIS:

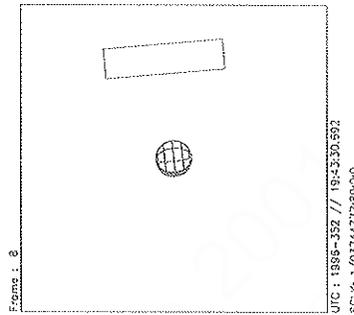
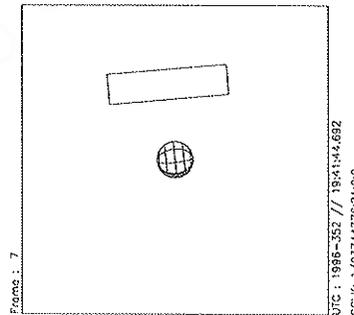
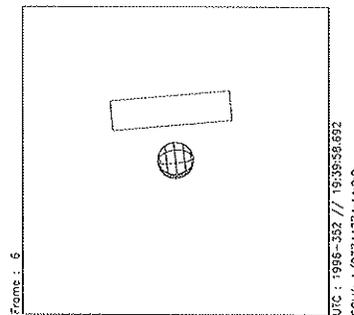
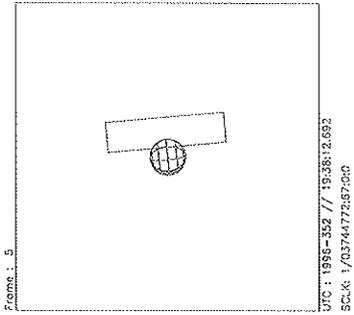
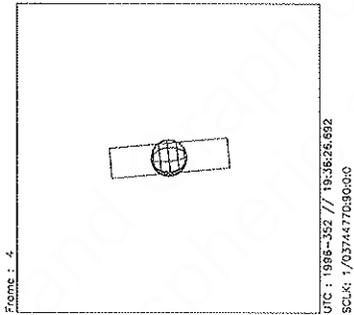
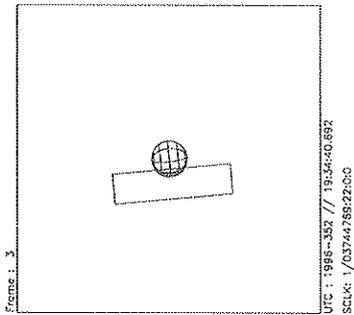
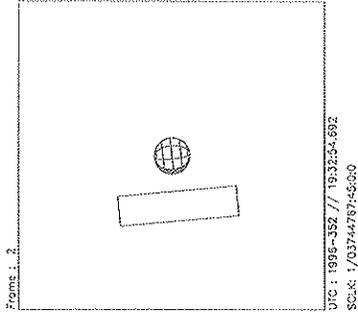
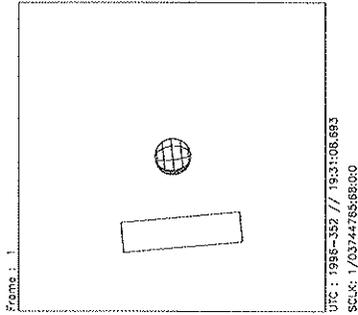
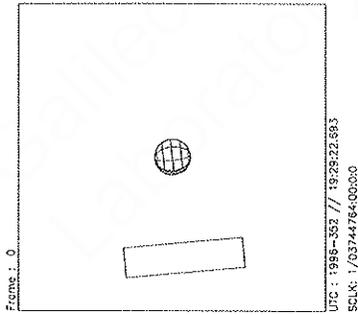
THINNING: :UVS 1

START:IEE 96-353/21:36:40.952 -CDS 1550:00:0

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

OBSERVATION:E4IUIECLPS04

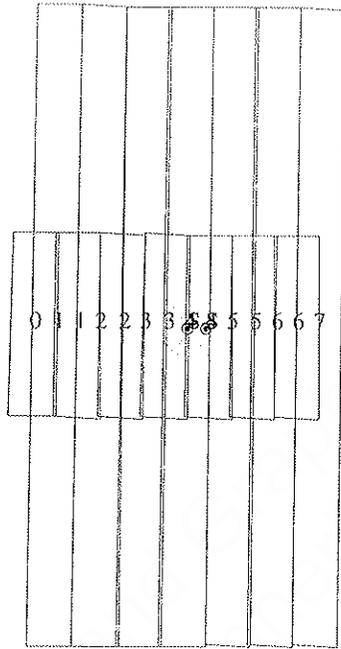
DESCRIP:E4 UVS Io Eclipse - a.i



Start UTC_TIME : 1996-352 // 19:29:22.693
No End Time :
Start SCLK : 1/03744764:00:00

Target Body : 10
Target Cone/Clock : 146.89 / 88.85 Deg
S/C to Body Center : 1754768. Km (961.85910 RI)
Z-axis Pointing (Rc / Dec) : 109.00 / 23.40 Deg

Activity ID:	Orbit E4	OAPEL IUIECLPS	SeqNo	05-
Title	UVS IO ECLIPSE (BEFORE EGRESS)		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	E4A	Calendar Date 12/17/96 Week 51
Start	IEE-CDS 00001461:00:0		96-352/20:59:26.066	IEE-001/00:37:14.000
End	IEE-CDS 00001443:00:0		96-352/21:17:38.066	IEE-001/00:19:02.000
Duration	00000018:00:0		000/00:18:12.000	000/00:18:12.000
Top Label	E4IUIECLPS05-			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	206	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
<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>E4IUIECLPS05- = Io eclipse before egress measurment. 1 scan-platform drift across Io in real-time (14 RIM 3-sigma drift rate) using the UVS 10 bps RTS rate. This drift will be done prior to eclipse egress and will include 14 RIMS HV On / 16 RIMS HV Off for PWS time sharing.</p> <p>UVS Configuration = F/G Full Scans</p>				
Design Detail				
CDS RIM Command Parameters				PSID
28 002+UVFLUSH DISCRD,UVS				(CO)
38 002 CMDRS				(CI)
003 1 34UVS,07,S,N,N,N,S,0,	ON,OFF,	ON,	ON,OFF,NOOVR,1,00,9C,01,2C	
017 15 34UVS,C1,P,N,N,N,S,0,	OFF,OFF,	ON,OFF,	OFF,NOOVR,1,2C,05,00,00	
36 003 TARGET (3 RIM Posn_slew)				(CM)
28 016+UVFLUSH PACKET,UVS				(CP)



165CM:TT= 0 TMC= 1 C= 5.93 XC= 0.00 BS= 0/2832 TC= 9
 A= 546 pD= 0 SR=17.430 RA50=257.92 DEC50=-24.91 cone=151.66 clock= 88.76

DESIGN G2.0 jaiel:10/ 2/1996 10: 9:12

FILE:P.E4IUIECLPS05

TARGET BODY : IO

MINI:m.E4IUIECLPS05

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PERIAPSIS:

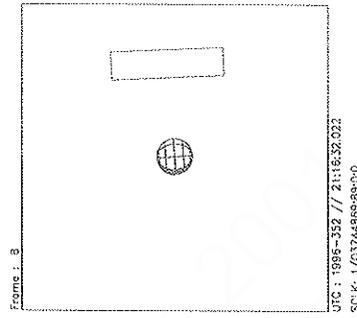
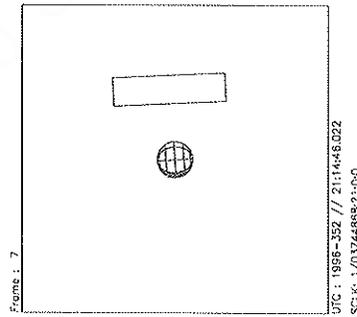
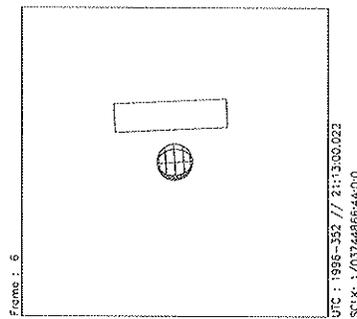
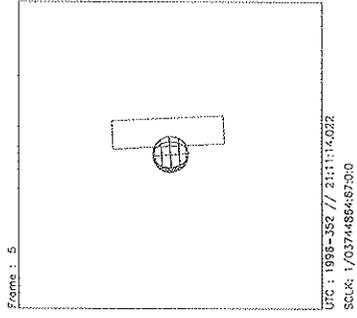
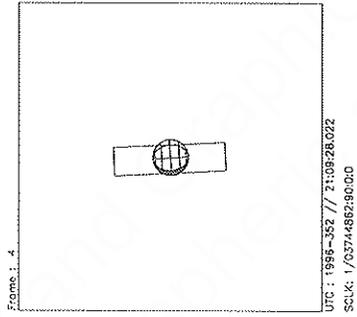
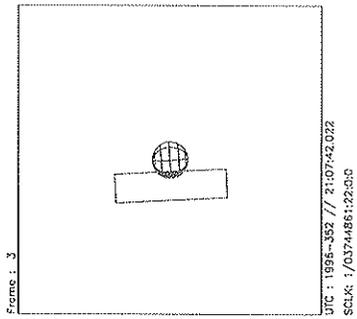
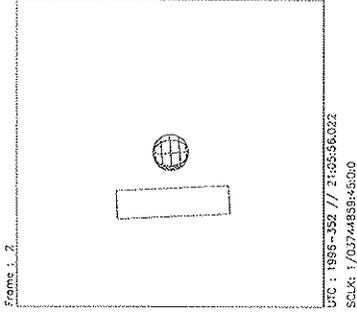
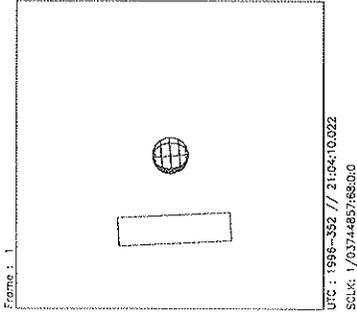
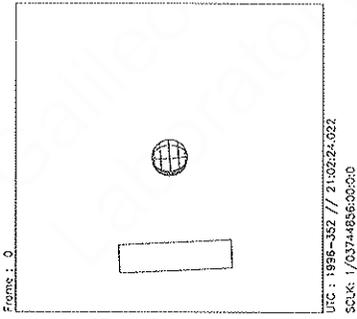
THINNING: :UVS 1

START:IEE 96-353/21:36:40.952 -CDS 1458:00:0

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

OBSERVATION:E4IUIECLPS05

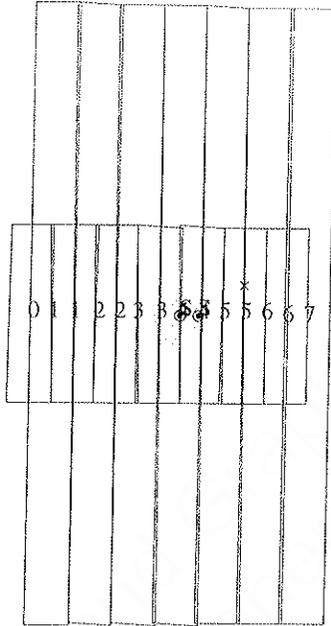
DESCRIP:E4 UVS Io Eclipse - b.e



Start UTC_TIME : 1996-352 // 21:02:24.022
No End Time :
Start SCLK : 1/03744856:00:00

Target Body : IO
Target Cone/Clock : 151.32 / 88.76 Deg
S/C to Body Center : 1658655. km (909.17586 Ri)
Z-axis Pointing (Ro / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4		OAPEL IUIECLPS		SeqNo 06-	
Title		UVS IO ECLIPSE (AFTER EGRESS)		Instrument UVS	
Requestor		UVS-SWG/K.NAVIAUX 37740		Team UVS	
				Working Group SWG	
Time System CDS		Load ID E4A		Calendar Date 12/17/96	
				Week 51	
Start		IEE-CDS 00001417:00:0		96-352/21:43:55.400	
				IEE-000/23:52:44.666	
End		IEE-CDS 00001399:00:0		96-352/22:02:07.400	
				IEE-000/23:34:32.666	
Duration		00000018:00:0		000/00:18:12.000	
				000/00:18:12.000	
Top Label		E4IUIECLPS06-			
Bottom Label		(real-time)			
Plot Key		UVS		Type SCI	
CDS Bytes		206		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>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>E4IUIECLPS06- = Io eclipse after egress measurement. 1 scan-platform drift across Io in real-time (14 RIM 3-sigma drift rate) using the UVS 10 bps RFS rate. This drift will be done after eclipse egress and will include 14 RIMs HV On / 16 RIMs HV Off for PWS time sharing.</p> <p>UVS Configuration = F/G Full Scans</p> </div>					
Design Detail					
CDS RIM Command Parameters				PSID	
-----				-----	
28	002+	UVFLUSH DISCRD, UVS		(CQ)	
38	002	CMDRS		(CJ)	
	003	1 34UVS,07,S,N,N,N,S,0,	ON,OFF,	ON,	ON,OFF,NOOVR,1,00,9C,01,2C
	017	15 34UVS,C1,F,N,N,N,S,0,	OFF,OFF,	ON,	OFF,OFF,NOOVR,1,2C,05,00,00
36	003	TARGET (3 RIM Posn_slew)		(CN)	
28	016+	UVFLUSH PACKET, UVS		(CR)	



165CN:TT= 0 TMC= 1 C= 5.93 XC= -0.08 BS= 0/0840 TC= 9
 A= 546 pD= 0 SR=17.430 RA50=260.27 DEC50=-25.05 cone=153.79 clock= 88.70

DESIGN G2.0 jaiel:10/ 2/1996 10:10:11

FILE:P.E4IUIECLPS06

TARGET BODY : IO

MINI:m.E4IUIECLPS06

S 'H:/DATA/NAVIO/T-960909-TOUR.NS

PERIAPSIS:

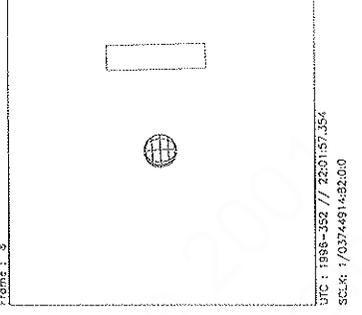
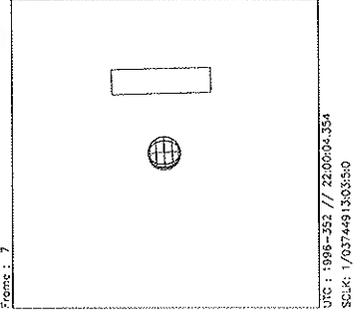
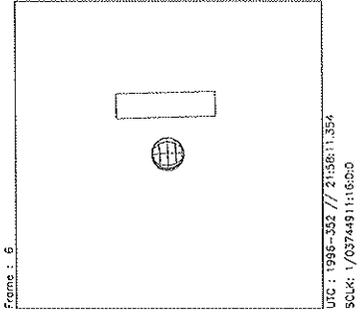
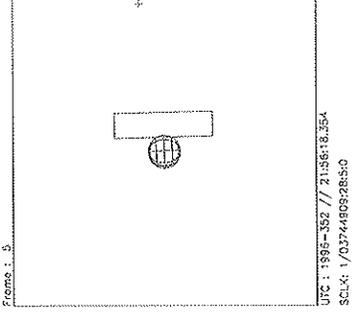
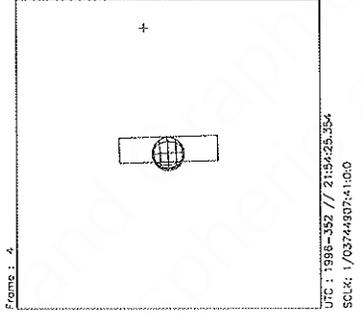
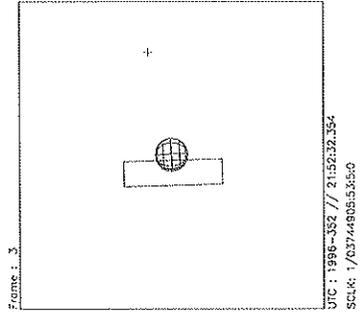
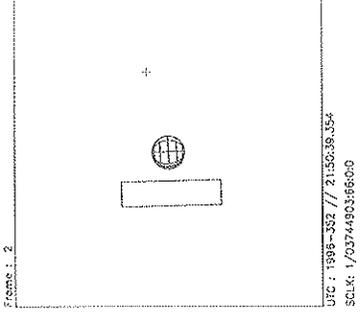
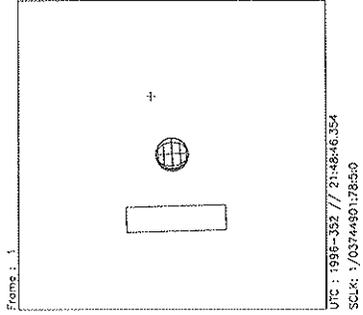
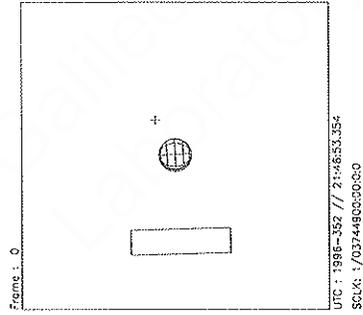
THINNING: :UVS 1

START:IEE 96-353/21:36:40.952 -CDS 1414:00:0

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

OBSERVATION:E4IUIECLPS06

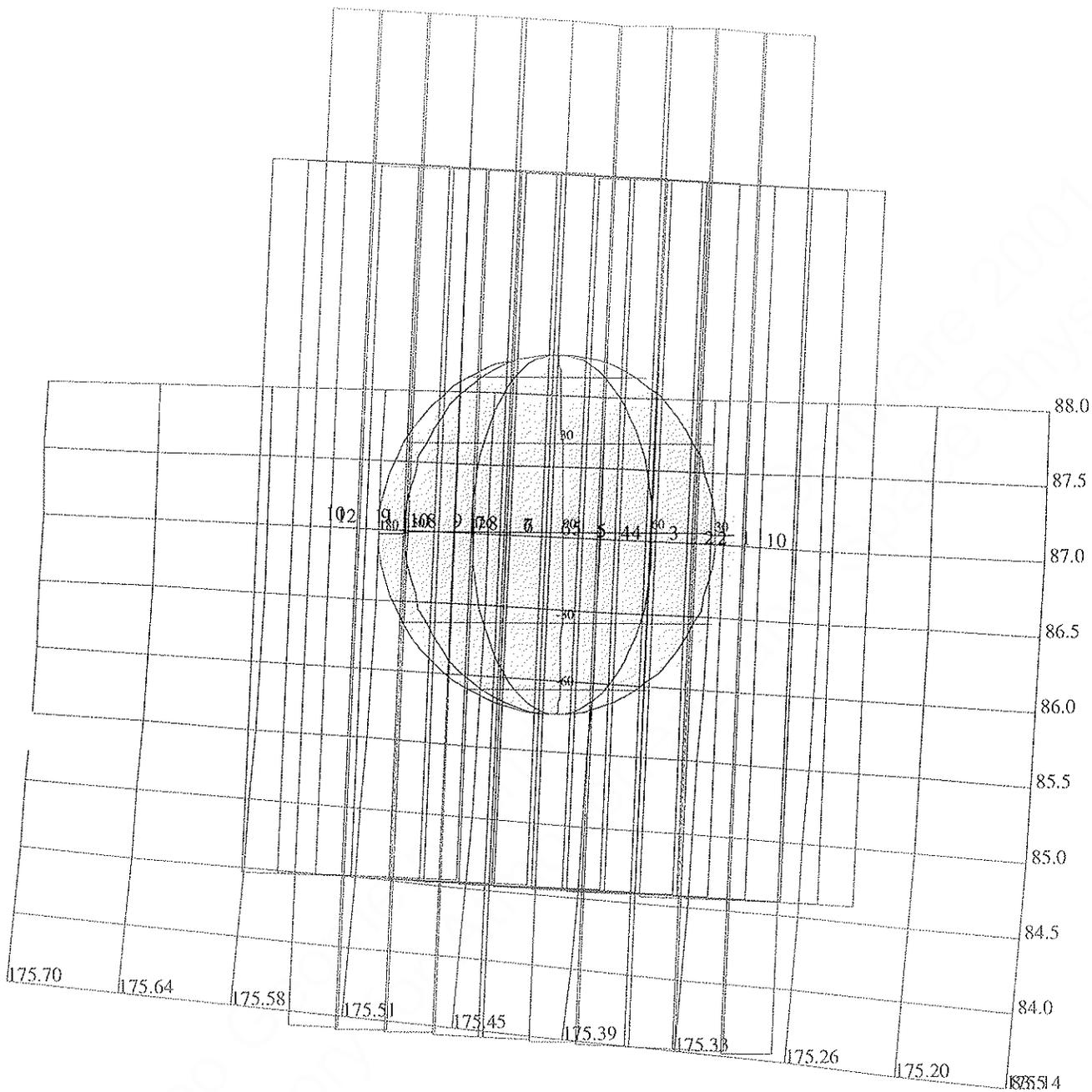
DESCRIP:E4 UVS Io Eclipse - a.e.



Start UTC_TIME : 1996-352 // 21:46:53.354
No End Time :
Start SCLK : 1/03744900:00:00

Target Body : IO
Target Core/Clock : 153.45 / 88.72 Deg
S/C to Body Center : 1609710. Km (882.34723 Ri)
Z-axis Pointing (Ro / Dec) : 109.00 / 23.40 Deg

Activity ID:	Orbit E4	OAPEL IUCHEMIS	SeqNo	01+
Title	UVS R/A W/ NIMS IO CHEMIS		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	E4A	Calendar Date 12/18/96 Week 51
Start	IEE-CDS 00000953:00:0		96-353/05:33:04.733	IEE-000/16:03:35.333
End	IEE-CDS 00000945:00:0		96-353/05:41:10.066	IEE-000/15:55:30.000
Duration	00000008:00:0		000/00:08:05.333	000/00:08:05.333
Top Label	E4IUCHEMIS01+			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	170	Report Options	BOTH	Scan Platform No
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	Ride-along with the NIMS Io Chemis observation to observe Io in the 1600Å to 3200Å wavelength regions at phase angles not obtainable from the Earth. Data will supplement and complement the NIMS surface property measurements.			
	1 scan-platform slew across Io in real-time at ~75° phase (~245-335 longitude) using the UVS 10bps RTS rate.			
	UVS Configuration = F/F Full Scans			
Design Detail				
CDS RIM Command Parameters				PSID
28 003+UVFLUSH DISCRD,UVS				(CS)
0 TARGET (NIMS Target)				
0 CSMOS (NIMS Csmos)				
38 003 CMDRS				(CK)
004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00				
007 4 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00				
28 006+UVFLUSH PACKET,UVS				(CT)



165DT:TT= 0 TMC= 1 C= -2.20 XC= 0.00 BS= 0/5470 TC= 3
 A= 728 pD= 0 SR=17.450 RA50=283.93 DEC50=-24.23 cone=175.29 clock= 87.04
 117DT:#SB= 1 OR= 0.040 RR=12.000 BM=F RC= 1 BS= 0/5470
 1:#s= 1 Cs= 6.40 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 484 rD= 2

DESIGN G2.0 jaiel:10/ 2/1996 10: 5:19

FILE:P.E4INCHEMIS01

TARGET BODY : IO

MINI:m.E4INCHEMIS01

S H:/DATA/NAVIO/T-960909-TOUR.NS

PERIAPSIS:

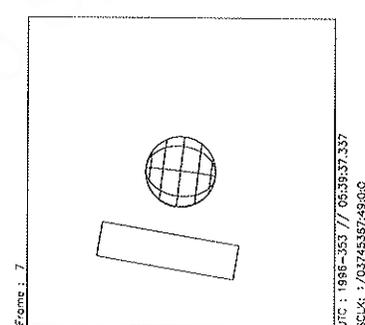
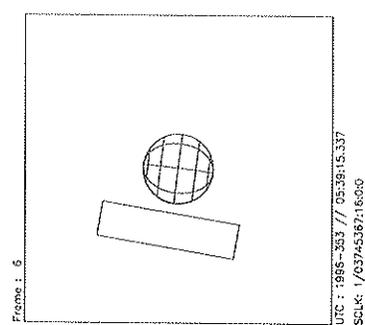
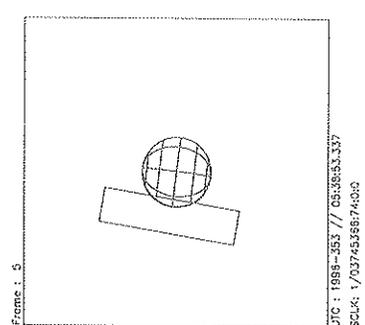
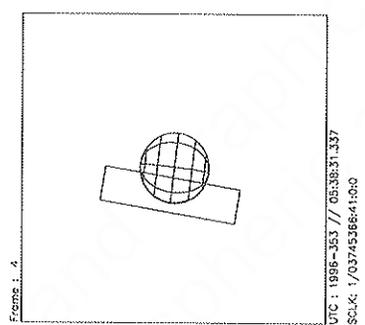
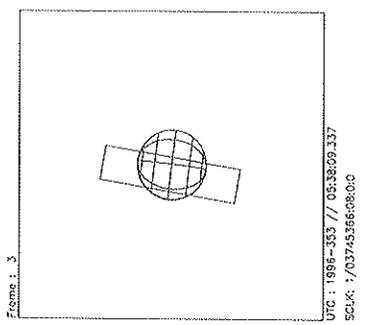
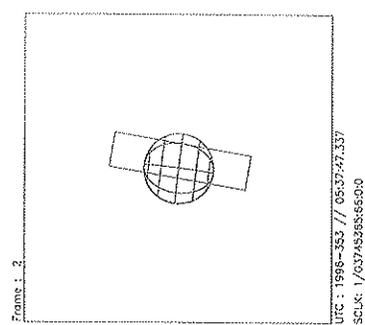
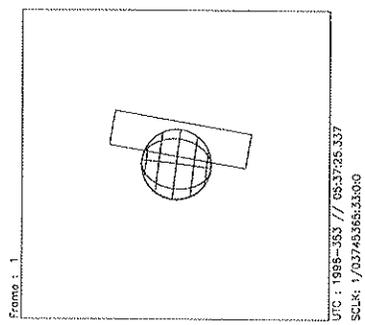
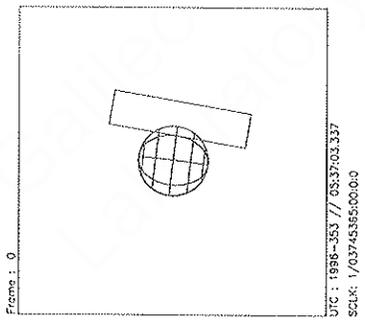
START:IEE 96-353/21:36:40.952 -CDS 949:00:0

OBSERVATION:E4INCHEMIS01

THINNING:NIM 2 :UVS 1

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.300

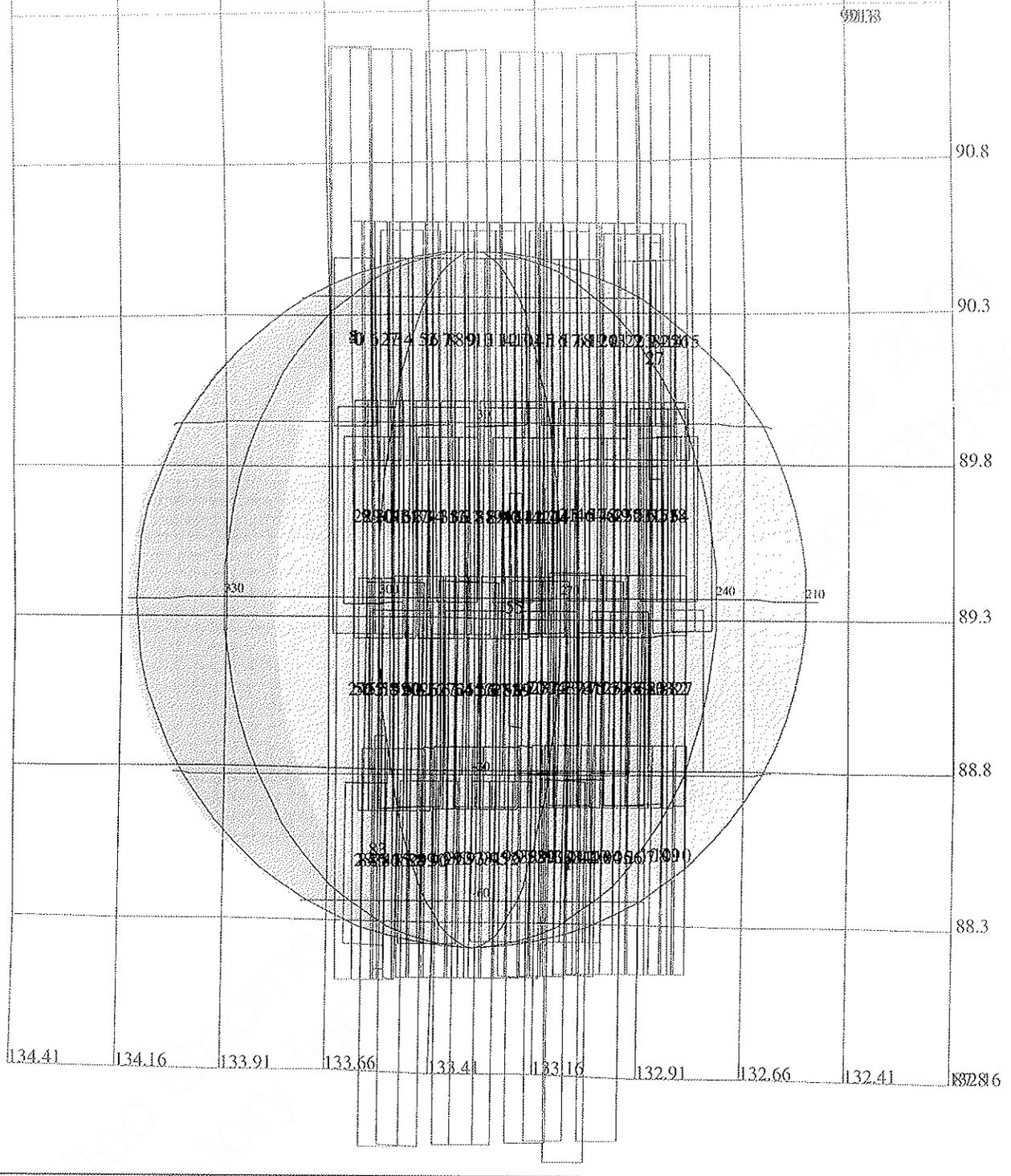
DESCRIP:IO DAYSIDE



Start UTC_TIME : 1996-353 // 05:37:03.337
No End Time :
Start SCLK : 1/03745365:00:0:0

Target Body : IO
Target Cone/Clock : 175.41 / 87.05 Deg
S/C to Body Center : 1030316. Km (564.75759 Ri)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

Activity ID: Orbit E4	OAPEL ENASTERI	SeqNo 01+
Title Asteri Linea Global Ride-along		Instrument UVS
Requestor UVS-MWG/J. AIELLO X37737	Team UVS	Working Group SWG
Time System CDS	Load ID	Calendar Date 12/19/96 Week 51
Start EEE-CDS 00000334:00:0	96-354/01:17:05.334	EEE-000/05:37:42.666
End EEE-CDS 00000315:00:0	96-354/01:36:18.000	EEE-000/05:18:30.000
Duration 00000019:00:0	000/00:19:12.666	000/00:19:12.666
Top Label E4ASTERI 01+		
Bottom Label		
Plot Key UVS	Type SCI	
CDS Bytes 262	Report Options BOTH	Scan Platform No
CDS Source OAP	Spin State DUAL	DMS No
Observation Objective		
	Part of GLOBAL MOSAIC campaign of Europa which contains the longitude range 244-300 degrees and centers around Asteri Linea.	
	F/F full scans of 1 RIM duration centered as best as possible over 270 deg longitude:	
	EEE-CDS 330:00:0 TO 329:00:0	
	EEE-CDS 325:00:0 TO 324:00:0	
	EEE-CDS 321:00:0 TO 320:00:0	
EEE-CDS 318:00:0 TO 317:00:0		
Design Detail		
CDS	RIM COMMAND PARAMETERS	
---	-----	
28	002+UVFLUSH DISCRD,UVS	
56	003 CMDRS	
	004	1 34UVS,07,S,N,N,N,S,0, ON,OFF,ON, ON,OFF,NOOVR,1,00,9C,00,00
	010	7 34UVS,C1,F,N,N,N,S,0, OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
	013	10 34UVS,07,S,N,N,N,S,0, ON,OFF,ON, ON,OFF,NOOVR,1,00,9C,00,00
	017	14 34UVS,C1,F,N,N,N,S,0, OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00
28	004+UVFLUSH PACKET,UVS	
28	008+UVFLUSH DISCRD,UVS	
28	010+UVFLUSH PACKET,UVS	
28	013+UVFLUSH PACKET,UVS	
28	015+UVFLUSH DISCRD,UVS	
28	017+UVFLUSH PACKET,UVS	



165EJ:TT= 0 TMC= 1 C= 5.00 XC= 10.80 BS= 0/8410 TC= 3
 A= 364 pD= 0 SR=17.450 RA50=238.57 DEC50=-21.52 cone=133.60 clock= 90.19
 117EJ:#SB= 1 OR= 0.060 RR= 4.500 BM=F RC= 1 BS= 0/8410
 1:#s= 4 Cs= -14.00 XCs= 0.00 Cr= 14.30 XCr= -7.40 sD= 704 rD= 20

DESIGN G2.0 jaiel:10/ 2/1996 10: 1:24

FILE:P.E4ENASTERI01

TARGET BODY : EUROPA

MINI:m.E4ENASTERI01

S 'H:/DATA/NAVIO/T-960909-TOUR.NS

PERIAPSIS:

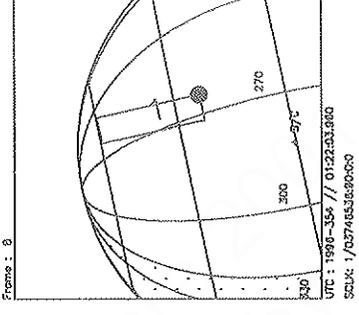
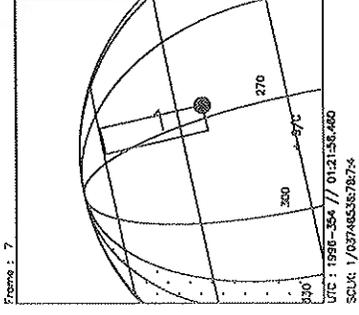
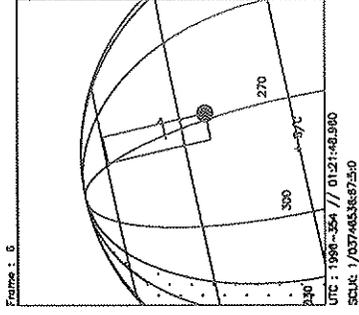
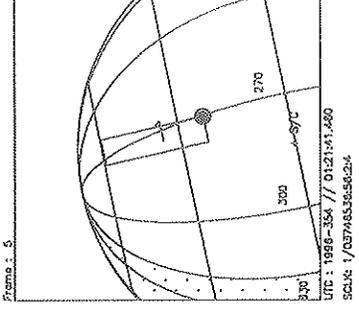
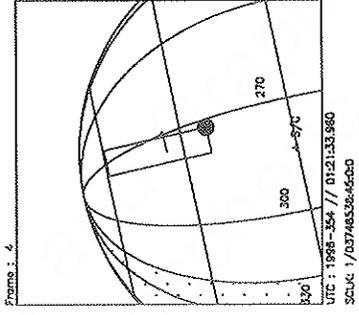
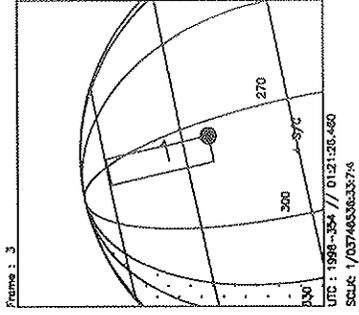
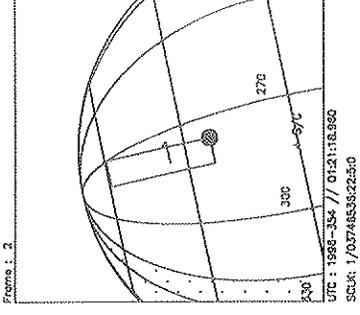
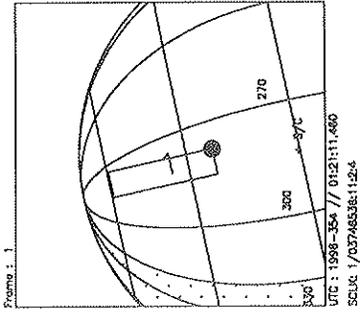
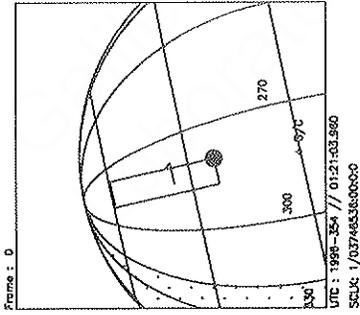
START:EEE 96-354/06:54:48.931 -CDS 331:00:0

OBSERVATION:E4ENASTERI01

THINNING:NIM 2 :UVS 1

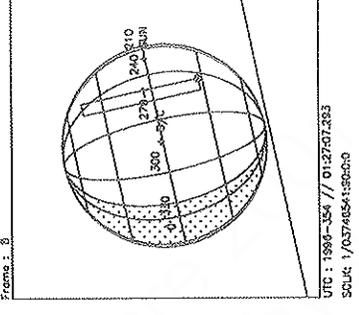
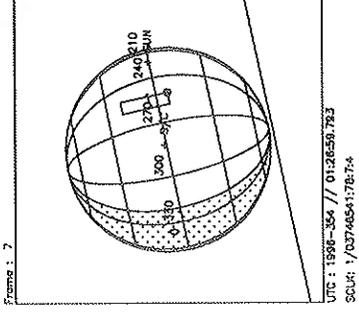
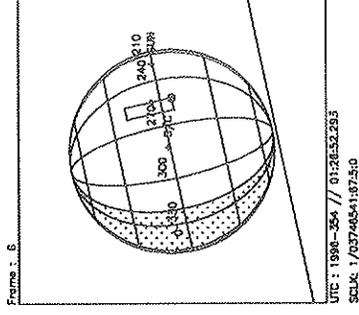
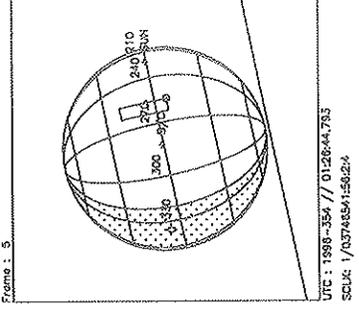
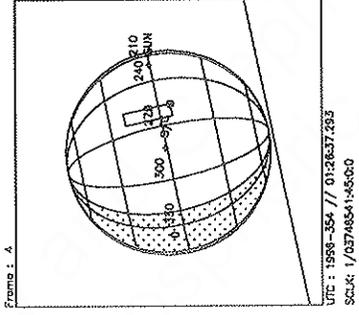
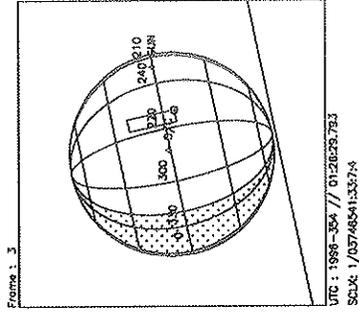
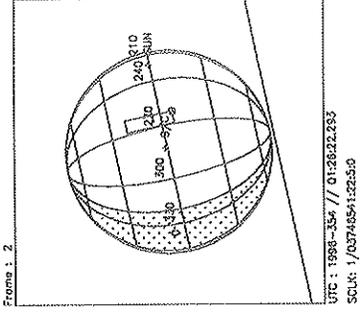
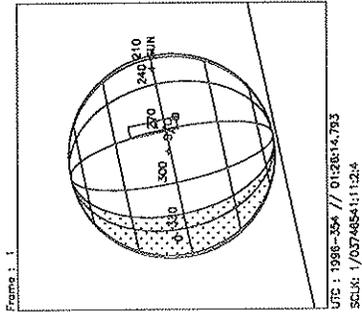
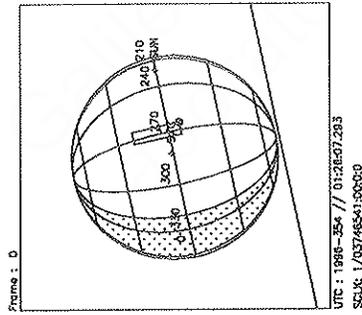
BODY PLOT TIME:TARGET-TIME D= 0 S= 0.600

DESCRIP:PART GLOBAL MOSAIC



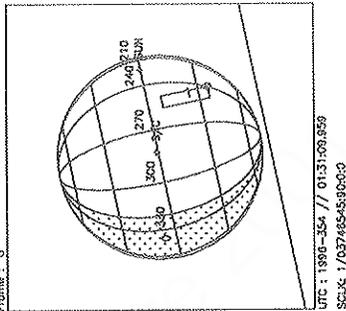
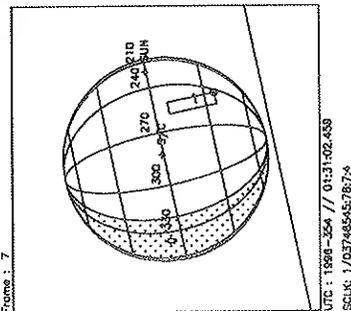
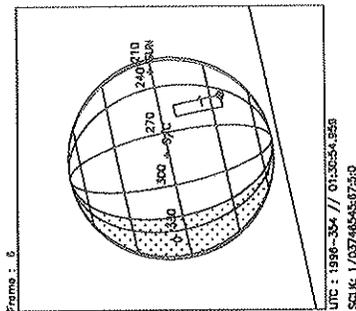
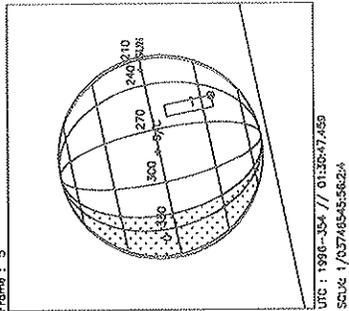
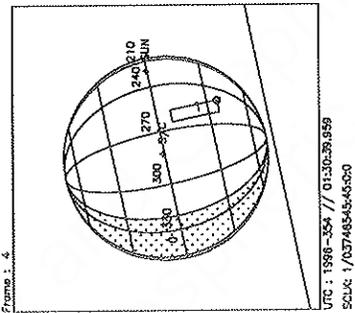
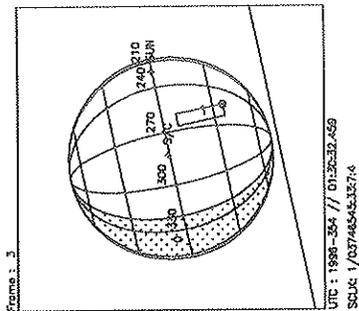
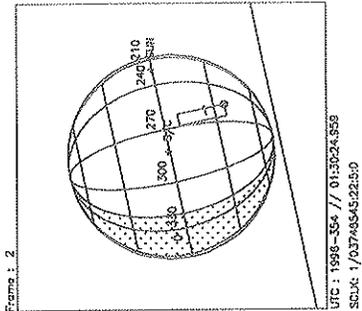
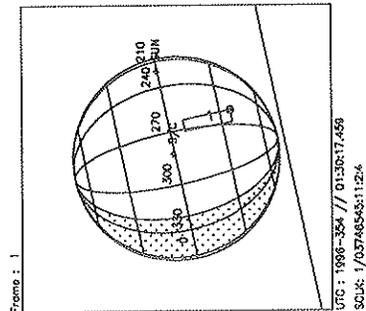
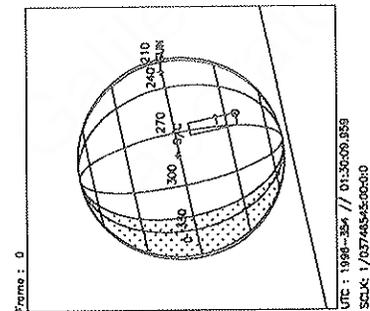
Start UTC_TIME : 1996-354 // 01:21:03.960
End UTC_TIME : 1996-354 // 01:22:04.626
Start SCLK : 1/03746536:00:0-0
Delta Time between FOVs : 7.500000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : EUROPA
Target Cone/Clock : 133.31 / 89.35 Deg
S/C to Body Center : 107328.4 Km (68.580462 Re)
Z-axis Pointing (Ro / Dec) : 108.00 / 23.40 Deg



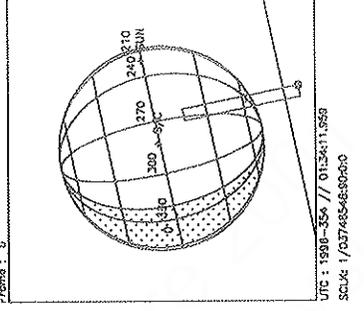
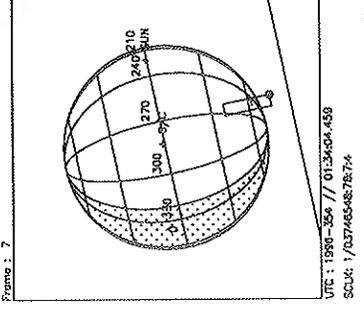
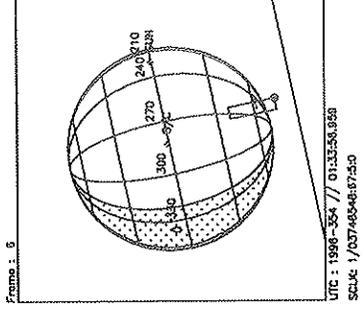
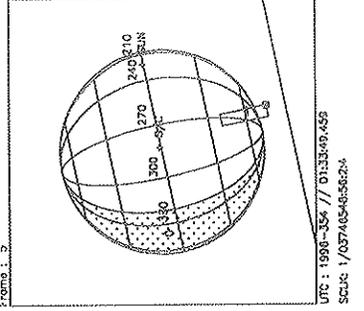
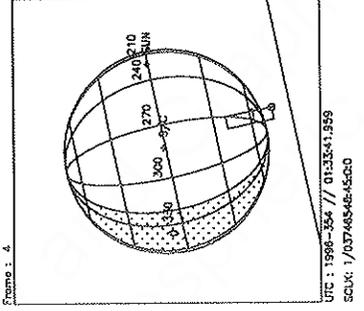
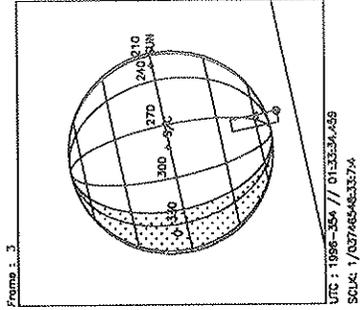
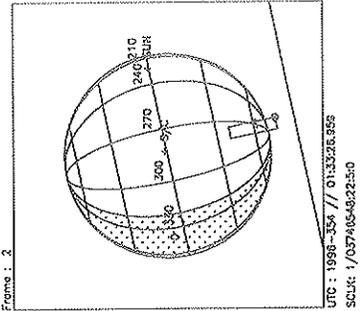
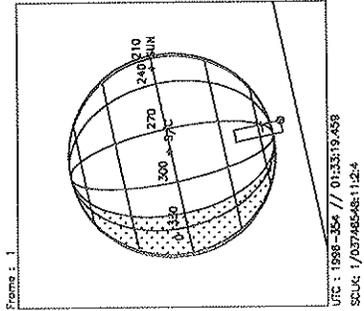
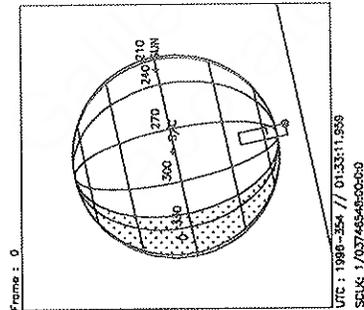
Start UTC_TIME : 1996-354 // 01:26:07.293
End UTC_TIME : 1996-354 // 01:27:07.959
Start SCLK : 1/03746541:00:0:0
Delta Time between FOV : 7.500000
FOVs : N/G Channel(0.5x0.5)

Target Body : EUROPA
Target Cone/Clock : 133.33 / 89.35 Deg
S/C to Body Center : 105768.8 Km (67.583907 Re)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg



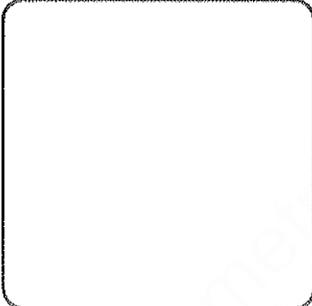
Start UTC_TIME : 1996-354 // 01:30:09.959
End UTC_TIME : 1996-354 // 01:31:10.626
Start SCLK : 1/03748545:00:00
Delta Time between FOV : 7.500000
FOVs : N/G Channel(0.5x0.5)

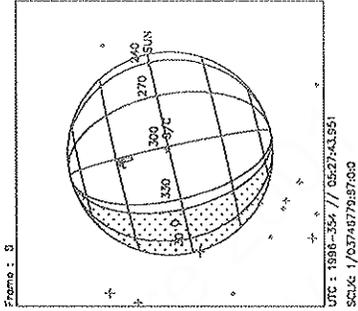
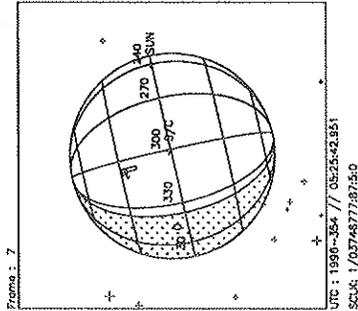
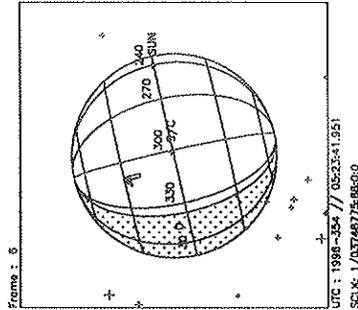
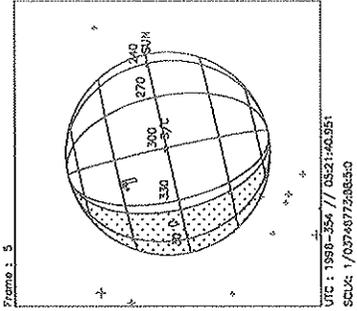
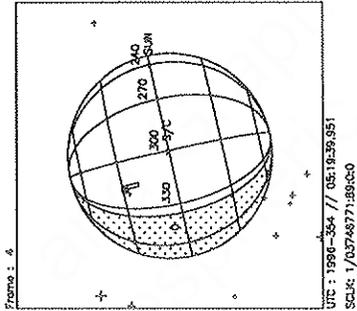
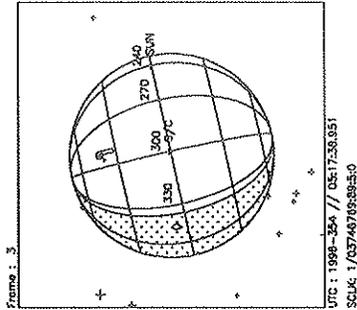
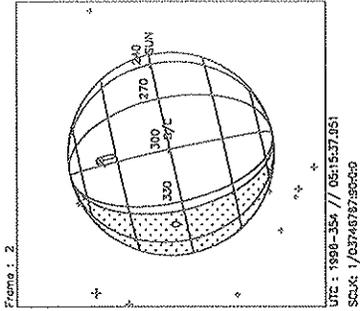
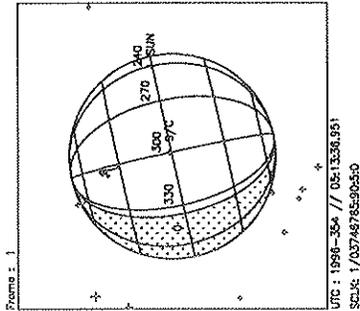
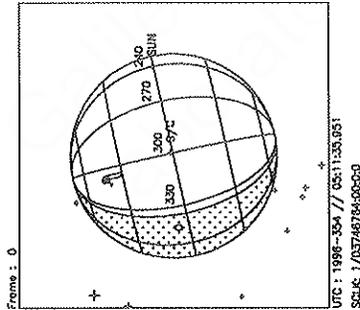
Target Body : EUROPA
Target Cone/Clock : 133.34 / 89.35 Deg
S/C to Body Center : 104518.4 Km (66.7844891 Re)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg



Start UTC_TIME : 1996-354 // 01:33:11.599
End UTC_TIME : 1996-354 // 01:34:12.626
Start SCLK : 1/03746548:00:0:0
Delta Time between FOV : 7.500000
FOVs : N/G Channel(0.5x0.5)

Target Body : EUROPA
Target Cone/Clock : 133.35 / 89.35 Deg
S/C to Body Center : 103578.9 Km (66.184611 Re)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

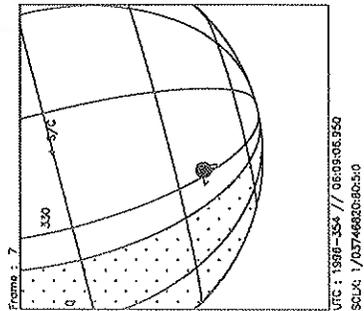
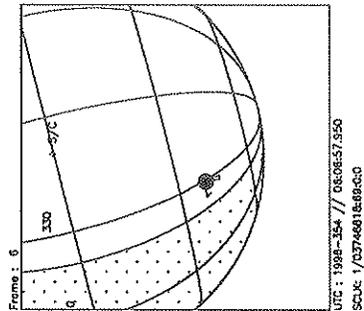
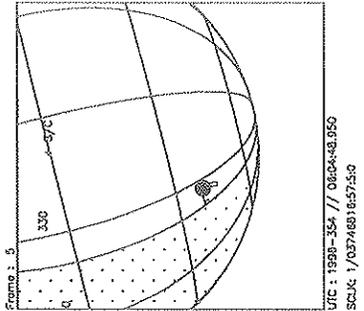
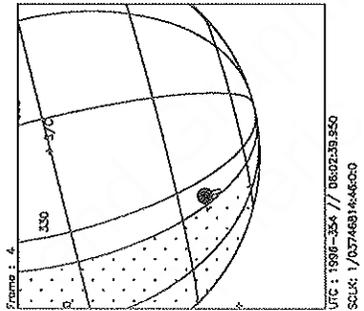
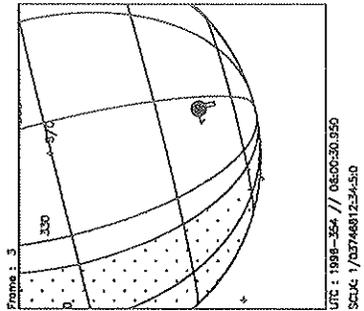
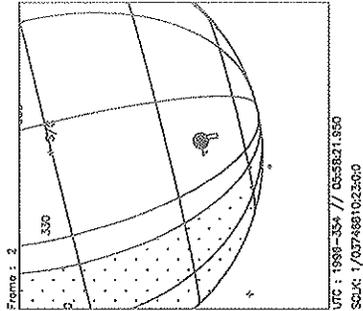
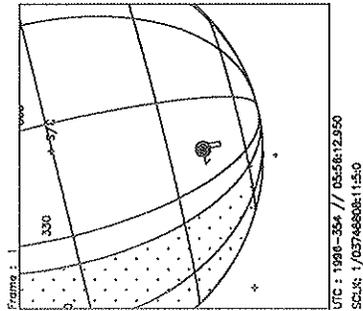
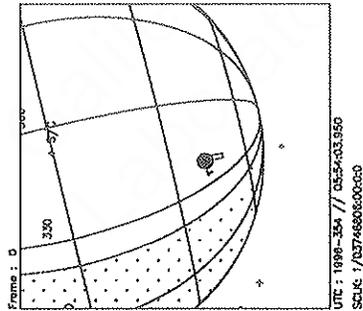
Activity ID:	Orbit E4	OAPEL	EUSUCOMP	SeqNo	02+
Title	E4EUSUCOMP02			Instrument	UVS
Requestor	UVS-SWG/J. AIELLO X37737	Team	UVS	Working Group	SWG
Time System	CDS	Load ID		Calendar Date	12/19/96
				Week	51
Start	ETE-CDS 00000105:00:0		96-354/05:06:36.666		ETE-000/01:46:10.000
End	ETE-CDS 00000081:00:0		96-354/05:30:52.666		ETE-000/01:21:54.000
Duration	00000024:00:0		000/00:24:16.000		000/00:24:16.000
Top Label	E4EUSUCOMP02				
Bottom Label					
Plot Key	UVS	Type	SCI		
CDS Bytes	0	Report Options	BOTH		
CDS Source	OAP	Spin State	DUAL		
		Scan Platform	No		
		DMS	Yes		
Observation Objective					
 <p>Ride along with NIMS "Surface Composition #1" -- a region of mostly bright ice.</p>					
Design Detail					
CDS	RIM	COMMAND			
38	000	CMDRS			
	001	34UVS	07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00		
	018	34UVS	C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00		



Start UTC_TIME : 1996-354 // 05:11:35.951
End UTC_TIME : 1996-354 // 05:27:46.617
Start SCLK : 1/03746764:00:00
Delta time between FOV : 121.0000
FOVs : F Channel(0.1x0.4)

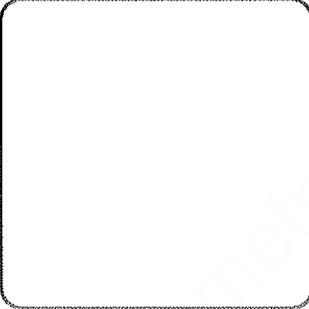
Target Body : EUROPA
Target Cone/Clock : 131.99 / 89.37 Deg
S/C to Body Center : 33490.77 Km (21.399854 Re)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

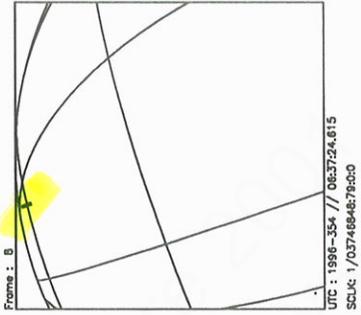
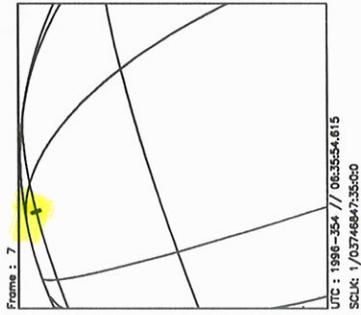
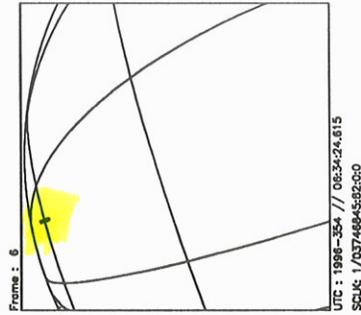
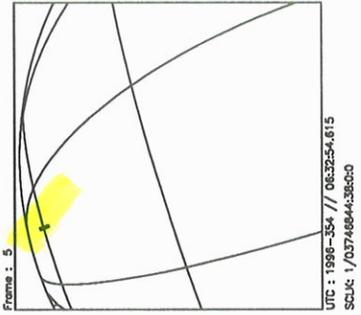
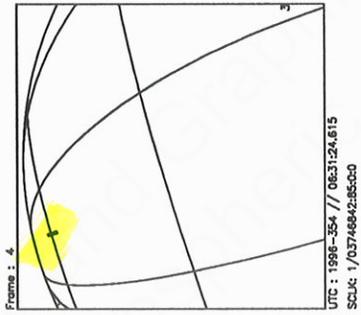
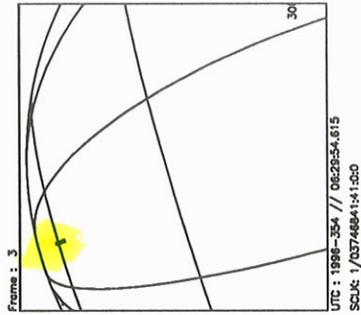
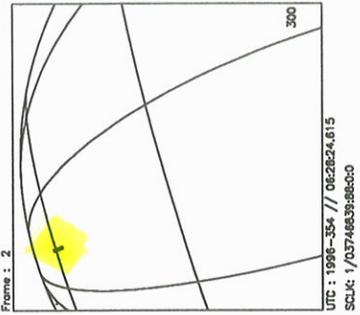
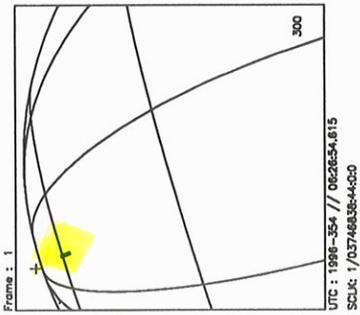
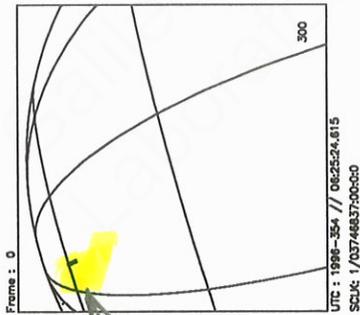
Activity ID: Orbit E4		OAPEL EUSUCOMP		SeqNo 01+	
Title	E4EUSUCOMP01			Instrument	UVS
Requestor	UVS-SWG/J. AIELLO X37737	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	Calendar Date	12/19/96	Week 51
Start	ETE-CDS 00000059:00:0	96-354/05:55:08.667	ETE-000/00:59:39.333		
End	ETE-CDS 00000040:00:0	96-354/06:14:21.334	ETE-000/00:40:26.666		
Duration	00000019:00:0	000/00:19:12.667	000/00:19:12.667		
Top Label	E4EUSUCOMP01+				
Bottom Label					
Plot Key	UVS	Type	SCI		
CDS Bytes	38	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	Yes
Observation Objective					
	Ride-along with NIMS "Surface Composition #01"--mostly bright ice.				
	F/F full scans.				
Design Detail					
CDS	RIM	COMMAND			
38	004	CMDRS			
	005	34UVS 07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00			
	012	34UVS C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00			



Start UTC_TIME : 1996-354 // 05:54:03.950
End UTC_TIME : 1996-354 // 06:11:15.282
Start SCLK : 1/0374680:00:00:0
Delta Time between FOV : 129.0000
FOVs : F Channel(0.1x0.4)

Target Body : EUROPA
Target Cone/Clock : 129.26 / 89.38 Deg
S/C to Body Center : 19603.18 Km (12.525991 Re)
Z-axis Pointing (Ra / Dec) : 109.00 / -23.40 Deg

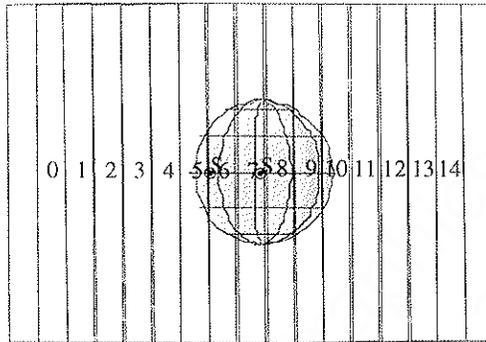
Activity ID: Orbit E4		OAPEL EUSUCOMP		SeqNo 03+	
Title E4EUSUCOMP03		Instrument UVS			
Requestor UVS-SWG/I. AIELLO X37737		Team UVS		Working Group SWG	
Time System CDS		Load ID		Calendar Date 12/19/96 Week 51	
Start ETE-CDS 00000028:00:0		96-354/06:26:29.334		ETE-000/00:28:18.666	
End ETE-CDS 00000014:00:0		96-354/06:40:38.667		ETE-000/00:14:09.333	
Duration 00000014:00:0		000/00:14:09.333		000/00:14:09.333	
Top Label E4EUSUCOMP02					
Bottom Label					
Plot Key UVS		Type SCI			
CDS Bytes 0		Report Options BOTH		Scan Platform No	
CDS Source OAP		Spin State DUAL		DMS Yes	
Observation Objective					
 <p>Ride along with NIMS "Surface Composition ##" -- a region of approximately 50/50 bright/dark ice.</p>					
Design Detail					
CDS	RIM	COMMAND			
38	000	CMDRS			
	001	34UVS 07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00			
	013	34UVS C1,F,N,N,N,S,0,OPF,OPF, ON,OPF,OFF,NOOVR,1,2C,05,00,00			



Start UTC_TIME : 1996-354 // 06:25:24.615
 No End Time :
 Start SCLK : 1/0374683700000

Target Body : EUROPA
 Target Cone/Clock : 121.77 / 89.41 Deg
 S/C to Body Center : 9422.628 Km (6.0208487 Re)
 Z-axis Pointing (Ro / Dec) : 109.00 / 23.40 Deg

Activity ID:	Orbit E4	OAPEL CUPHAS45	SeqNo	01-
Title	UVS CALLISTO PHASE (~45 deg)		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	E4A	Calendar Date 12/20/96 Week 51
Start	JEE+CDS 00001223:00:0		96-355/00:00:03.999	JEE+000/20:36:35.333
End	JEE+CDS 00001257:00:0		96-355/00:34:26.666	JEE+000/21:10:58.000
Duration	00000034:00:0		000/00:34:22.667	000/00:34:22.667
Top Label	E4CUPHAS4501-			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	206	Report Options	BOTH	Scan Platform Yes
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	Observe Callisto in the 1600Å to 3200Å wavelength regions at phase angles not obtainable from the Earth to supplement and complement the NIMS surface property measurements.			
	1 scan-platform drift across Callisto in real-time at ~45° phase (~325 longitude ; xx RIM 3-sigma drift rate) using the UVS 10bps RTS rate. The drift will include xx RIMs HV On / x RIM HV Off for PWS time sharing.			
	UVS Configuration = F/F Full Scans			
Design Detail				
CDS RIM Command Parameters				PSID
28 002+UVFLUSH DISCRD,UVS				(CU)
38 003 CMDRS				(CL)
004 1 34UVS,07,S,N,N,N,S,0,	ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00			
019 16 34UVS,C1,F,N,N,N,S,0,OFF,OFF,	ON,OFF,OFF,NOOVR,1,2C,05,00,00			
36 004 TARGET (4 RIM Posn_slew)				(CO)
28 017+UVFLUSH PACKET,UVS				(BW)



165CO:TT= 0 TMC= 1 C= -4.36 XC= 0.00 BS= 0/3928 TC= 9
 A= 728 pD= 0 SR=17.430 RA50=345.03 DEC50=-6.23 cone=123.57 clock=269.88

DESIGN G2.0 jaiel:10/ 2/1996 10: 0:39

FILE:P.E4CUPHAS4501

TARGET BODY : CALLISTO

MINI:m.E4CUPHAS4501

S H:/DATA/NAVIO/T-960909-TOUR.NS

PERIAPSIS:

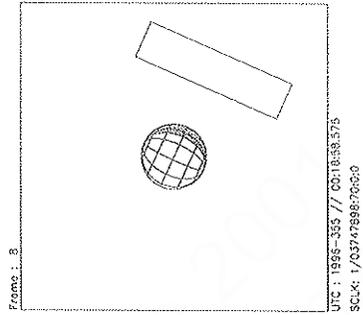
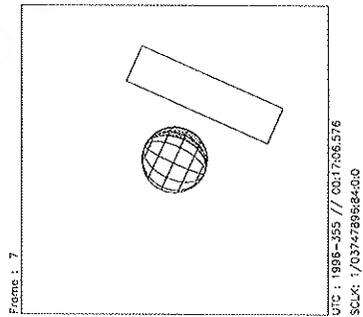
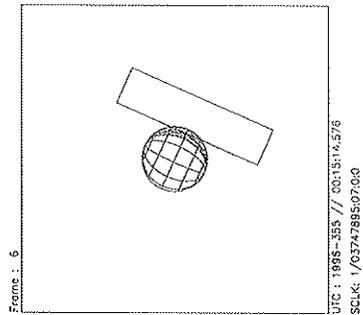
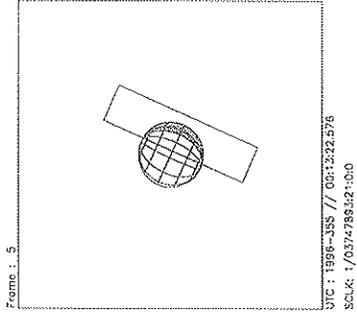
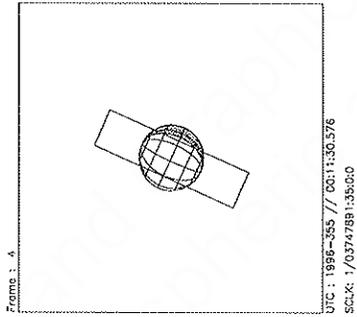
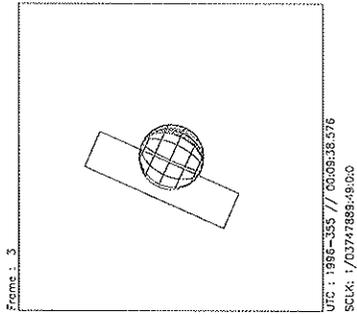
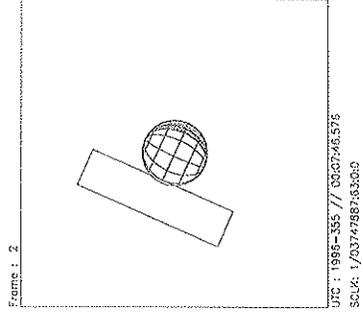
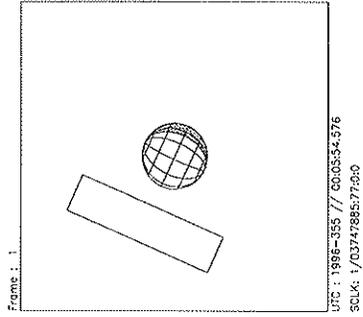
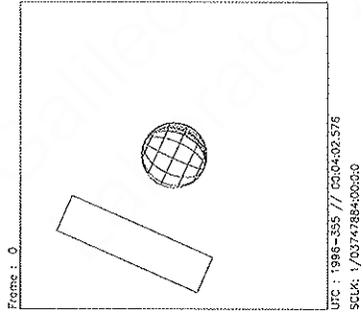
THINNING: :UVS 1

START:JEE 96-354/03:23:29.606 +CDS 1227:00:0

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

OBSERVATION:E4CUPHAS4501

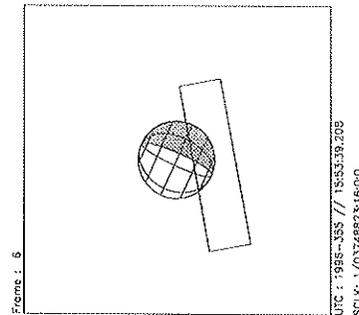
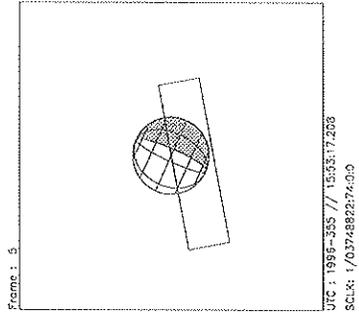
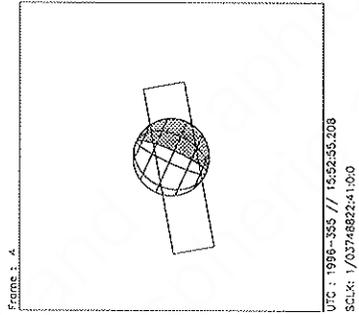
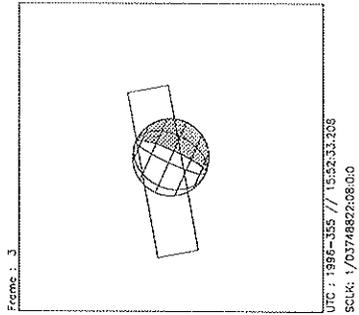
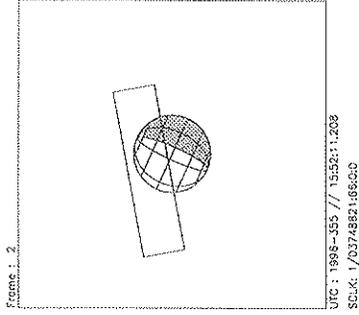
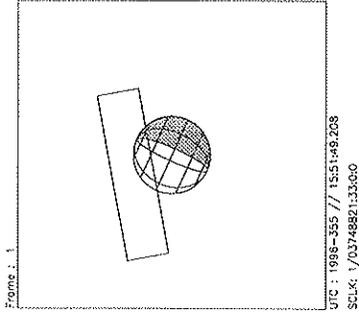
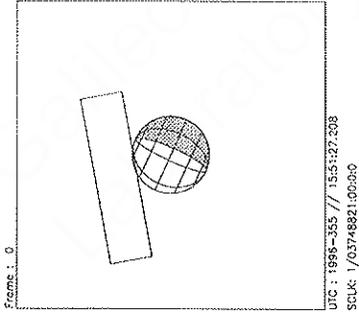
DESCRIP:E4 UVS Callisto 45 Phase



Start UTC TIME : 1996-355 // 00:04:02.576
No End Time :
Start SCLK : 1/03747884:00:00

Target Body : CALLISTO
Target Cone/Clock : 123.82/269.89 Deg
S/C to Body Center : 1621274. Km (674.68736 Rc)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg

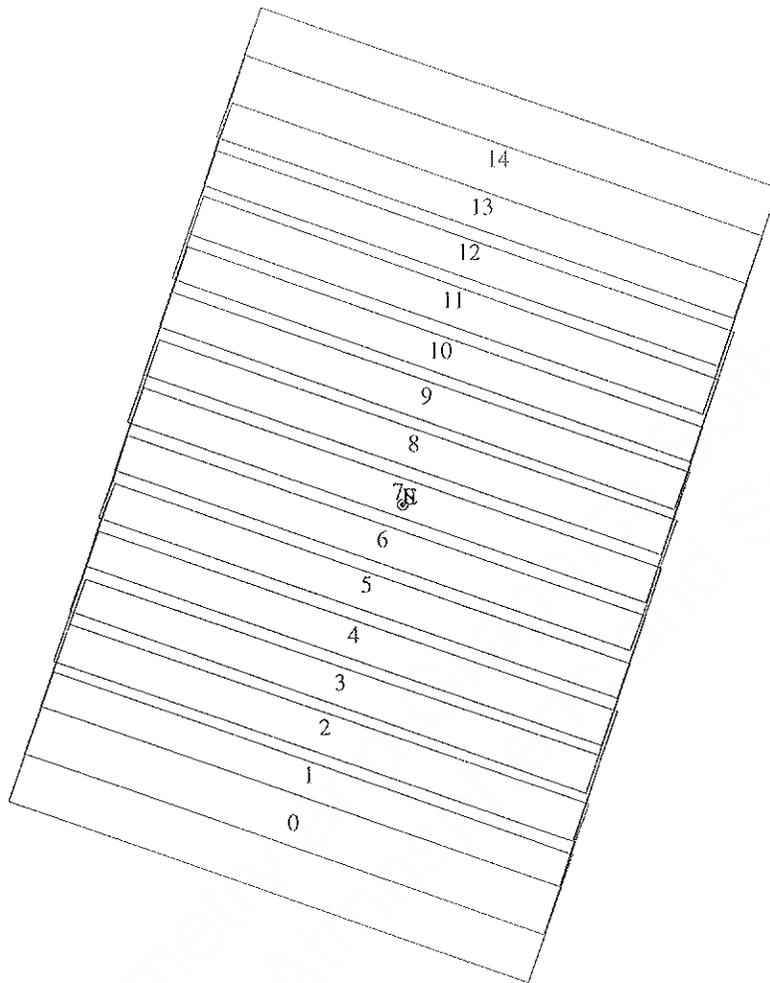
Activity ID:	Orbit E4	OAPEL CUGLOBAL	SeqNo	01+
Title	UVS R/A W/ NIMS CALLISTO GLOBAL		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	E4A	Calendar Date 12/20/96 Week 51
Start	JHP+CDS 00003479:00:0		96-355/12:59:38.066	JHP+002/10:37:39.333
End	JHP+CDS 00003487:00:0		96-355/13:07:43.399	JHP+002/10:45:44.666
Duration	00000008:00:0		000/00:08:05.333	000/00:08:05.333
Top Label	E4CUGLOBAL01+			
Bottom Label	(real-time)			
Plot Key	UVS	Type	SCI	
CDS Bytes	170	Report Options	BOTH	Scan Platform No
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	Ride-along with the NIMS Callisto Global observation to observe Callisto in the 1600Å to 3200Å wavelength regions at phase angles not obtainable from the Earth. Data will supplement and complement the NIMS surface property measurements.			
	1 scan-platform slew across Io in real-time at ~28° phase (~15-175 longitude) using the UVS 10bps RTS rate.			
	UVS Configuration = F/F Full Scans			
Design Detail				
CDS RIM Command Parameters				PSID
28 003+UVFLUSH DISCRD, UVS				(CV)
0 TARGET (NIMS Target)				
0 CSMOS (NIMS Csmos)				
38 003 CMDRS				(CM)
004 1 34UVS, 07, S, N, N, N, S, 0, ON, OFF, ON, ON, OFF, NOOVR, 1, 00, 9C, 00, 00				
007 4 34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00				
28 005+UVFLUSH PACKET, UVS				(CW)
<i>DATA LOST due to NIMS relocating observation without relocating UVRT commands</i>				



Start UTC_TIME : 1996-355 // 15:51:27.208
No End Time :
Start SCLK : 1/03748821:00:0:0

Target Body : CALLISTO
Target Cone/Clock : 166.16/228.49 Deg
S/C to Body Center : 1491.334 Km (620.61346 Rc)
Z-axis Pointing (Rc / Dec) : 191.50 / 6.50 Deg

Activity ID: Orbit E4	OAPEL SUHIML25	SeqNo 01-
Title	UVS HIMALIA 25 PHASE OBS	Instrument UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team UVS
		Working Group SWG
Time System CDS	Load ID E4A	Calendar Date 12/21/96
		Week 51
Start	JEE+CDS 00003000:00:0	96-356/05:36:48.666
		JEE+002/02:33:20.000
End	JEE+CDS 00003020:00:0	96-356/06:17:01.999
		JEE+002/02:53:33.333
Duration	00000020:00:0	000/00:20:13.333
		000/00:20:13.333
Top Label	E4SUHIML2501-	
Bottom Label	(real-time)	
Plot Key	UVS	Type SCI
CDS Bytes	230	Report Options BOTH
		Scan Platform Yes
CDS Source	OAP	Spin State DUAL
		DMS No
Observation Objective		
	Observe Himalia (J6) in the 1600Å to 3200Å wavelength regions at phase angles not obtainable from the Earth.	
	1 scan-platform slew across Himalia in real-time at ~25° phase (~xxx-xxx longitude) using the UVS 10bps RTS rate. 15 RIM slew duration @ 0.01 mrad/sec.	
	UVS Configuration = F/F Full Scans	
Design Detail		
CDS RIM Command Parameters		PSID
28 003+UVFLUSH DISCRD, UVS		(CX)
36 004 TARGET {4 RIM Posn_slew}		(CP)
24 004 CSMOS {8.73 mrad cn slew; 15 RIM duration; 0.01 mrad/s slew rate}		(CA)
38 003 CMDRS		(CN)
004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00		
019 16 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00		
28 017+UVFLUSH PACKET, UVS		(CY)



165CP:TT= 0 TMC= 1 C= -4.36 XC= 0.00 BS= 0/7342 TC= 9
 A= 728 pD= 0 SR=17.430 RA50=305.64 DEC50=-46.28 cone=153.48 clock=341.92
 117CA:#SB= 1 OR= 0.010 RR=12.000 BM=F RC= 1 BS= 0/7342
 1:#s= 1 Cs= 8.73 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 2730 rD= 2

DESIGN G2.0 jaiel:10/ 2/1996 10:11:39

FILE:P.E4SUHIML2501

TARGET BODY : HIMALIA

MINI:m.E4SUHIML2501

SEARCH:/DATA/NAVIO/T-960909-TOUR.NS

PERIAPSIS:

THINNING: :UVS 1

START:JEE 96-354/03:23:29.606 +CDS 3004:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.001

OBSERVATION:E4SUHIML2501

DESCRIP:E4 UVS HIMALIA 25 PHASE