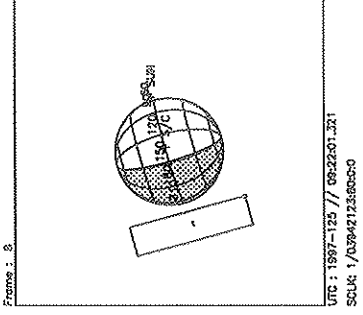
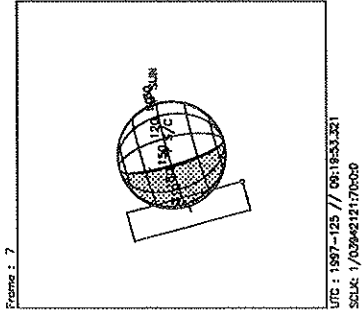
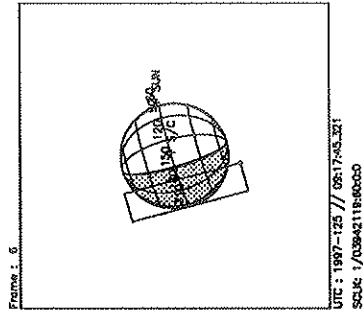
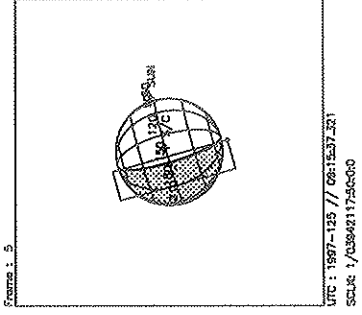
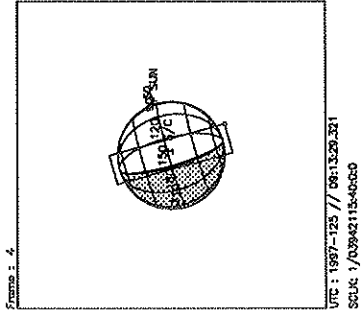
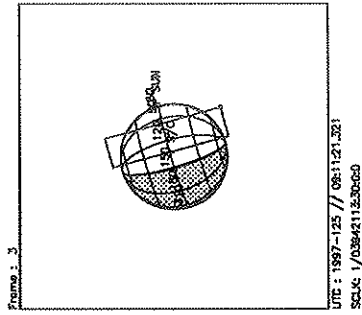
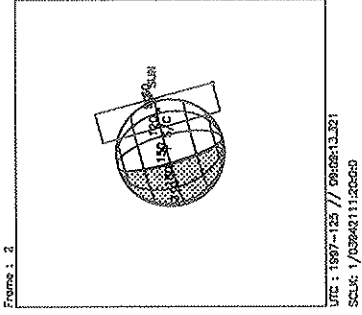
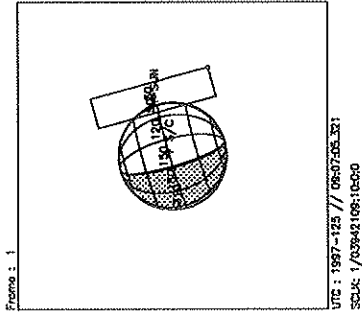
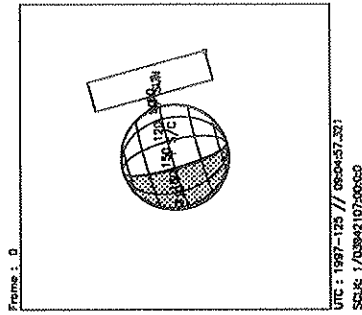


Activity ID: Orbit G8	OAPEL CUPHAS78	SeqNo 01-
Title	UVS CALLISTO PHASE (78 deg)	Instrument UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team UVS Working Group SWG
Time System CDS	Load ID G8A	Calendar Date 05/05/97 Week 18
Start	JEE-CDS 00004432:00:0	97-125/09:00:58.734 JEE-003/02:41:14.666
End	JEE-CDS 00004397:00:0	97-125/09:36:22.067 JEE-003/02:05:51.333
Duration	00000035:00:0	000/00:35:23.333 000/00:35:23.333
Top Label	G8CUPHAS7801	
Bottom Label	(real-time)	
Plot Key	UVS	Type SCI
CDS Bytes	167	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.	
	1 scan-platform slew across Callisto in real-time at ~78° phase; 17 RIM slew duration @ 0.01 mrad/sec.	
	UVS Configuration = F/F Full Scans	
Design Detail		
CDS RIM Command Parameters	PSID	
28 002+UVFLUSH DISCRD,UVS	(CC)	
36 004 TARGET (4 RIM Posn_slew)	(CB)	
37 004 CSMOS (10.31 mrad cn slew; 17 RIM duration; 0.01 mrad/s slew rate)	(CB)	
38 003 CMDRS	(CB)	
004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00		
021 18 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00		
28 032+UVFLUSH PACKET,UVS	(CD)	



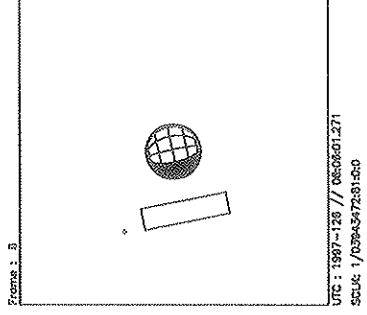
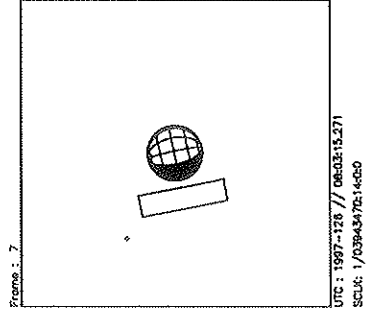
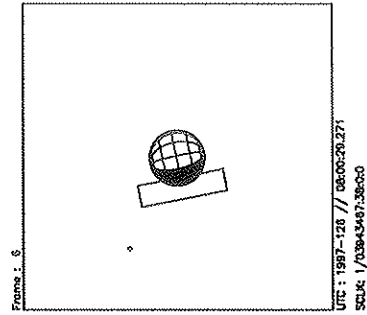
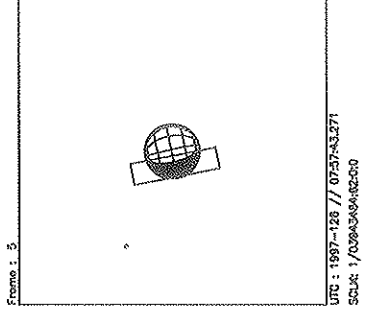
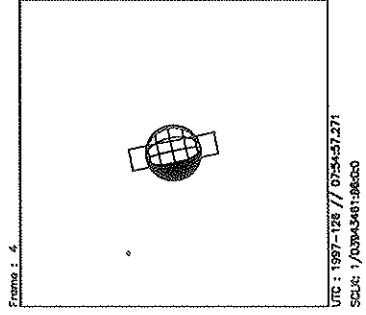
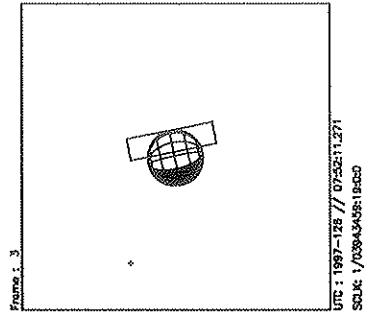
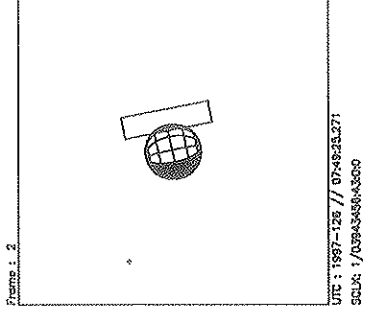
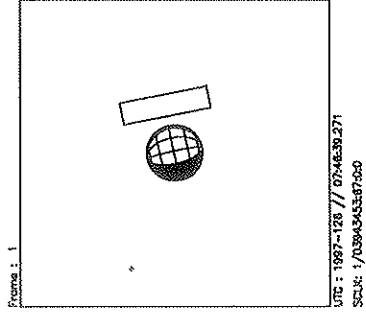
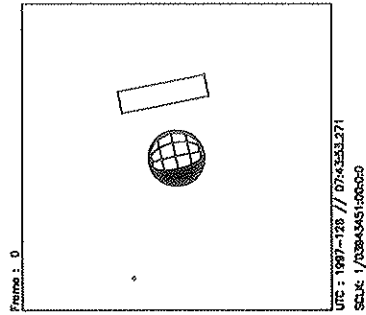
Start UTC_TIME : 1997-125 // 09:04:57.321
End UTC_TIME : 1997-125 // 09:22:08.653
Start SCLK : 1/03942107:00:00
Delta time between FOV : 1.28:00:00
FOVs : F Channel(0.1x0.4)

Target Body : CALLISTO
Target Cone/Clock : 100.80 / 97.48 Deg
S/C to Body Center : 771215.6 Km (320.93867 Rc)
Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg

Activity ID: Orbit G8		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		Calendar Date 05/06/97	
				Week 19	
Start		CEE-CDS 00000417:00:0		97-126/05:09:15.533	
				CEE-000/07:01:38.000	
End		CEE-CDS 00000382:00:0		97-126/05:44:38.867	
				CEE-000/06:26:14.666	
Duration		00000035:00:0		000/00:35:23.334	
				000/00:35:23.334	
Top Label		G8CUGLOBAL01+			
Bottom Label		(recorded)			
Plot Key		UVS		Type SCI	
CDS Bytes		38		Report Options BOTH	
				Scan Platform No	
CDS Source		OAP		Spin State DUAL	
				DMS No	
Observation Objective					
<div style="border: 1px solid black; padding: 5px;"> <p>Ride-along with 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.</p> <p>Playback of this observation will require [(cds 28:00:0)*(1008 bps)] = 1.712 Mbits of UVS data. At an expected compression ratio of 1.5 this translates to 1.14 Mbits.</p> <p>UVS Configuration = F/F Full Scans</p> </div>					
Design Detail					
CDS	RIM	Command	Parameters	PSID	
0		TARGET	(NIMS Target)	-----	
0		CSMOS	(NIMS Csmos)		
0		SCIREC	(NIMS Scirec)		
38	-01	CMDRS		(CD)	
	00	1	34UVS,07,S,N,N,N,S,0,	ON,OFF,OFF, ON,OFF,NOOVR,1,00,9C,00,00	
	28	29	34UVS,C1,F,N,N,N,S,0,	OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00	

Activity ID: Orbit G8	OAPEL GUPHAS68	SeqNo	01-
Title	UVS GANYMEDE PHASE (68 deg)	Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS
		Working Group	SWG
Time System	CDS	Load ID	G8A
		Calendar Date	05/06/97
		Week	19
Start	JEE-CDS 00003088:00:0	97-126/07:39:54.734	JEE-002/04:02:18.666
End	JEE-CDS 00003053:00:0	97-126/08:15:18.067	JEE-002/03:26:55.333
Duration	00000035:00:0	000/00:35:23.333	000/00:35:23.333
Top Label	G8GUPHAS6801		
Bottom Label	(real-time)		
Plot Key	UVS	Type	SCI
CDS Bytes	167	Report Options	BOTH
		Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL
		DMS	No
Observation Objective			
<p>Observe Ganymede in the 1600Å to 3200Å wavelength regions at phase angles not obtainable from the Earth.</p> <p>1 scan-platform slew across Ganymede in real-time at ~78° phase; 22 RIM slew duration @ 0.01 mrad/sec.</p> <p>UVS Configuration = F/F Full Scans</p>			
Design Detail			
CDS RIM Command Parameters			PSID
28 002+UVFLUSH DISCRD,UVS			(CE)
36 004 TARGET (4 RIM Posn_slew)			(CC)
37 004 CSMOS (13.35 mrad cn slew; 22 RIM duration; 0.01 mrad/s slew rate)			(CC)
38 003 CMDRS			(CC)
004 1 34UVS,07,S,N,N,N,S,0, ON,OFF			ON, ON, OFF,NOOVR,1,00,9C,00,00
026 23 34UVS,c1,F,N,N,N,S,0,OFF,OFF			ON, OFF, OFF,NOOVR,1,2C,05,00,00
28 032+UVFLUSH PACKET,UVS			(CP)

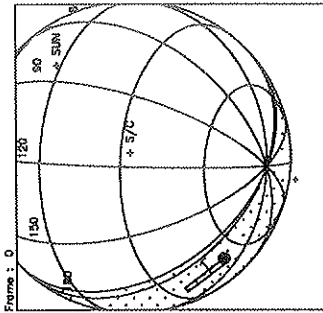
*verified F/F only
June 19, 07 KES*



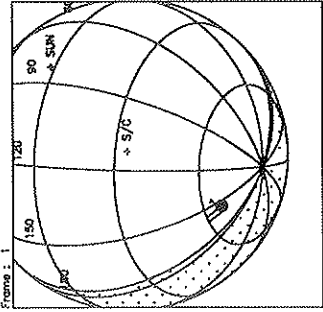
Start UTC_TIME : 1997-126 // 07:43:53.271
End UTC_TIME : 1997-126 // 08:06:07.936
Start SCLK : 1/03943451190500
Delta Time between FOV : 166.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : GANYMEDE
Target Cone/Clock : 110.63 / 95.06 Deg
S/C to Body Center : 1193556. Km (453.13439 Rg)
Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg

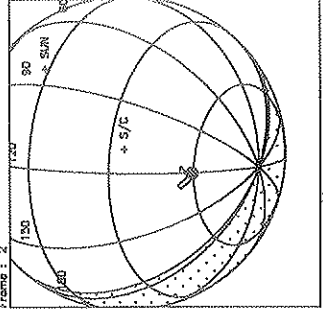
Activity ID:	Orbit G8	OAPEL CUSPOLE_	SeqNo	01+
Title	UVS R/A W/ NIMS CALLISTO S.POLE		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	G8A	Calendar Date 05/06/97 Week 19
Start	CEE-CDS 00000058:00:0		97-126/11:12:14.867	CEE-000/00:58:38.666
End	CEE-CDS 00000020:00:0		97-126/11:50:40.200	CEE-000/00:20:13.333
Duration	00000038:00:0		000/00:38:25.333	000/00:38:25.333
Top Label	G8CUSPOLE_01+			
Bottom Label	(recorded)			
Plot Key	UVS	Type	SCI	
CDS Bytes	38	Report Options	BOTH	Scan Platform No
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	Ride-along with the NIMS Callisto South Polar 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.			
	Playback of this observation will require [(cds 33:00:0)*(1008 bps)] = 2.02 Mbits of UVS data. However, this observation is NOT CURRENTLY PLANNED to be returned with the nominal G8 UVS SWG Mbit allocation.			
	UVS Configuration = F/F Full Scans			
Design Detail				
CDS RIM	Command	Parameters	PSID	
0	TARGET	(NIMS Target)	----	
0	CSMOS	(NIMS Csmos)		
0	SCIREC	(NIMS Scirec)		
38	003	CMDRS	(CE)	
	004	1	34UVS,07,S,N,N,N,S,0, ON,OFF,OFF, ON,OFF,NOOVR,1,00,9C,00,00	
	037	34	34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00	



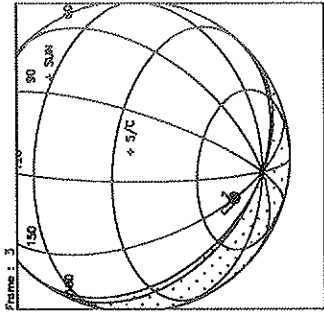
Frame : 0
 UTC : 1997-126 // 11:16:13.263
 SCLK : 1/03943661:00:00



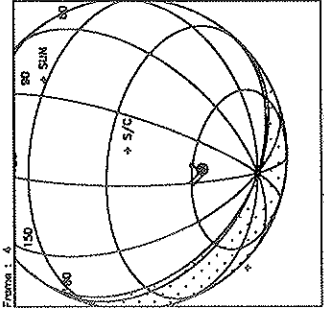
Frame : 1
 UTC : 1997-126 // 11:26:08.263
 SCLK : 1/03943664:79:50



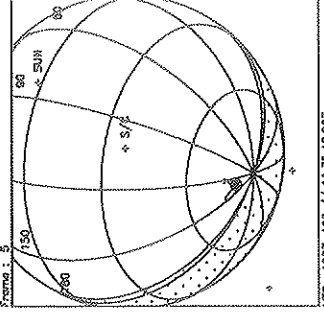
Frame : 2
 UTC : 1997-126 // 11:24:03.263
 SCLK : 1/03943662:66:00



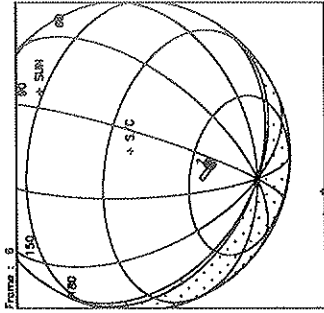
Frame : 3
 UTC : 1997-126 // 11:27:58.263
 SCLK : 1/03943672:56:50



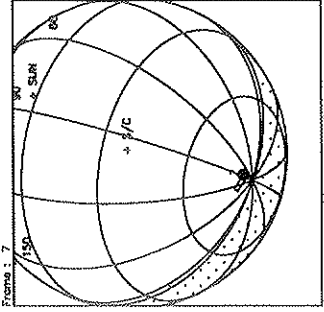
Frame : 4
 UTC : 1997-126 // 11:31:53.263
 SCLK : 1/03943674:56:00



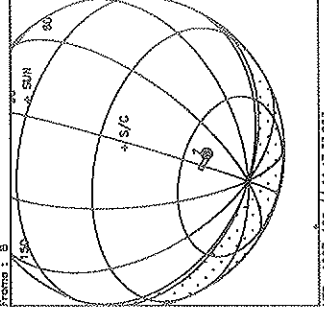
Frame : 5
 UTC : 1997-126 // 11:35:48.263
 SCLK : 1/03943690:33:50



Frame : 6
 UTC : 1997-126 // 11:39:43.263
 SCLK : 1/03943664:22:00



Frame : 7
 UTC : 1997-126 // 11:43:38.263
 SCLK : 1/03943668:10:50

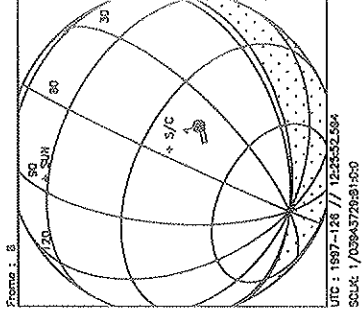
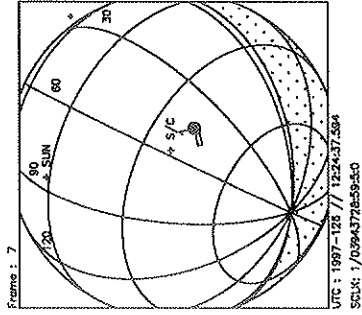
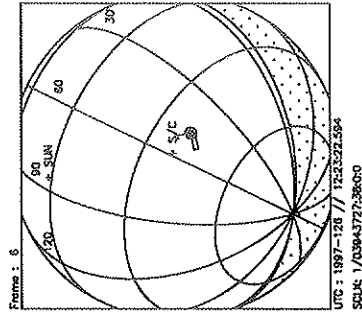
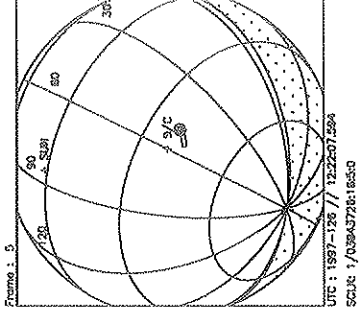
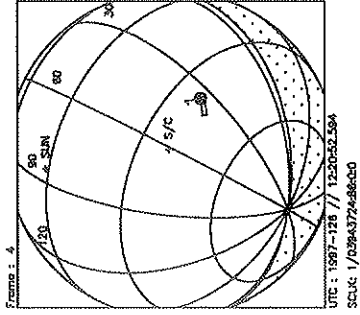
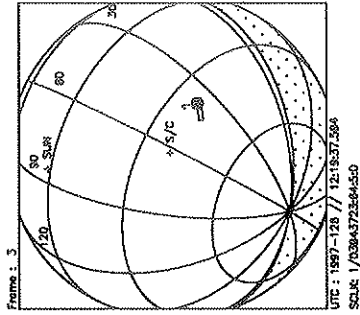
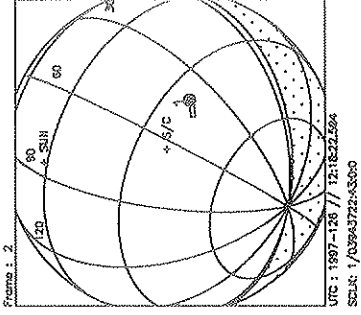
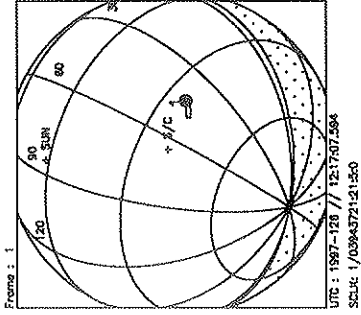
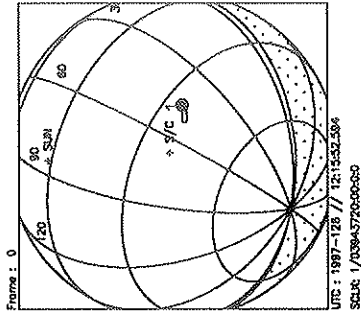


Frame : 8
 UTC : 1997-126 // 11:47:33.263
 SCLK : 1/03943681:00:00

Start UTC_TIME : 1997-126 // 11:16:13.263
 End UTC_TIME : 1997-126 // 11:47:33.928
 Start SCLK : 1/03943661:00:00
 Delta Time between FOV : 235.0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : CALLISTO
 Target Cone/Clock : 135.60/145.54 Deg
 S/C to Body Center : 43313.12 Km (18.024603 Rc)
 Z-axis Pointing (Ro / Dec) : 132.00 / 17.00 Deg

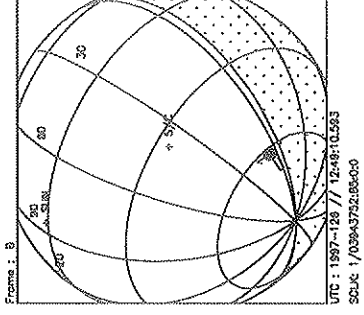
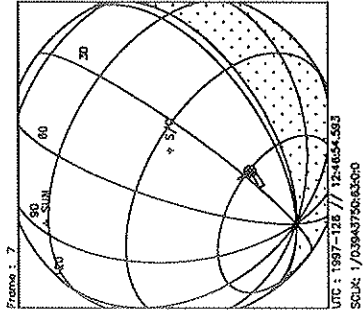
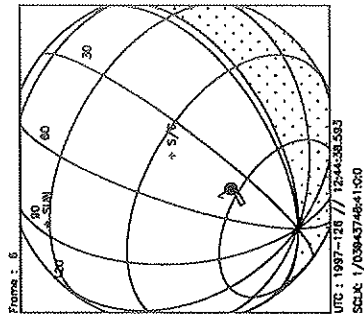
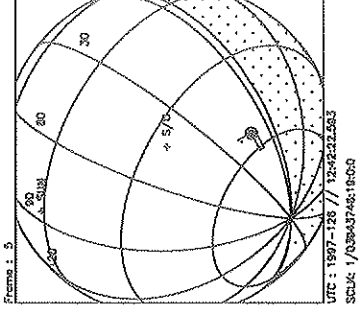
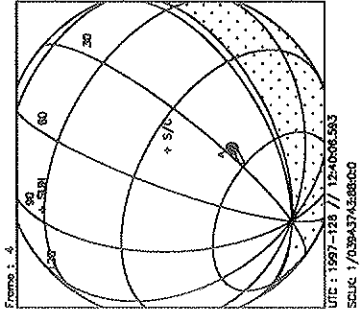
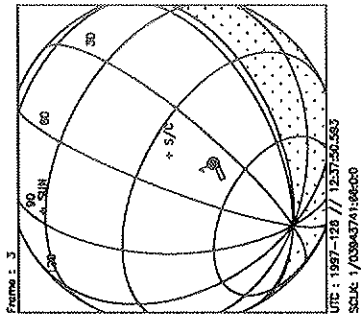
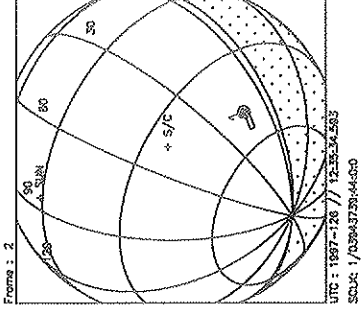
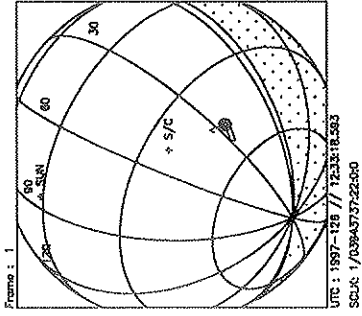
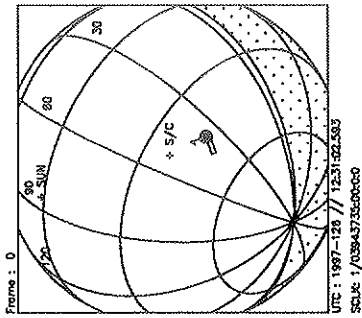
Activity ID:	Orbit G8	OAPEL CUBURL	SeqNo	01-
Title	CALLISTO - BURI CRATER REGION		Instrument	UVS
Requestor	UVS-SWG/J. AIELLO X37737	Team	UVS	Working Group SWG
Time System	CDS	Load ID	Calendar Date	05/06/97 Week 19
Start	CEE+CDS 00000001:00:0		97-126/12:11:54.199	CEE+000/00:01:00.666
End	CEE+CDS 00000016:00:0		97-126/12:27:04.199	CEE+000/00:16:10.666
Duration	00000015:00:0		000/00:15:10.000	000/00:15:10.000
Top Label	G8CUBURL_01-			
Bottom Label				
Plot Key	UVS	Type	SCI	
CDS Bytes	38	Report Options	BOTH	Scan Platform No
CDS Source	OAP	Spin State	ALL	DMS No
Observation Objective				
	Ride-along with NIMS Buri Crater region observation, observing between 1600Å and 3200Å at phase angles not obtainable from Earth. Data will supplement and complement NIMS surface property measurements.			
	Playback of this observation will require [(cds 10:00:0)*(1008 bps) = .61 Mbits of UVS data. At an expected compression ratio of 1.3 this translates to .47 Mbits.			
	F/F full scans.			
Design Detail				
CDS	RIM	COMMAND		
----	----	-----		
38	3	CMDRS	{CO}	
	4	1	34UVS,07,S,N,N,N,0,S, ON,OFF,OFF, ON,OFF,NOOVR,1,00,9C,00,00	
	14	11	34UVS,C1,F,N,N,N,0,S,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00	



Start UTC_TIME : 1997-126 // 12:15:52.594
 End UTC_TIME : 1997-126 // 12:25:59.260
 Start SCLK : 1/03943720:00:00
 Delta Time between FOV : 75.00000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : CALLISTO
 Target Cone/Clock : 137.10/203.64 Deg
 S/C to Body Center : 35553.64 Km (14.795521 Rc)
 Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg

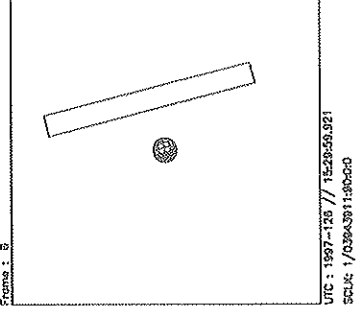
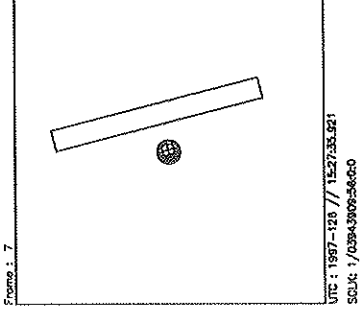
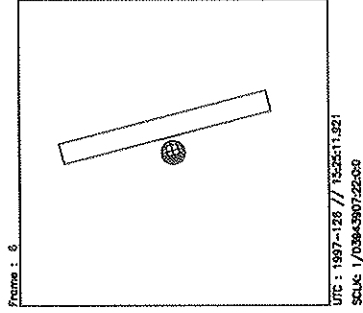
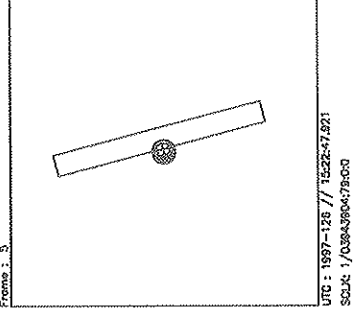
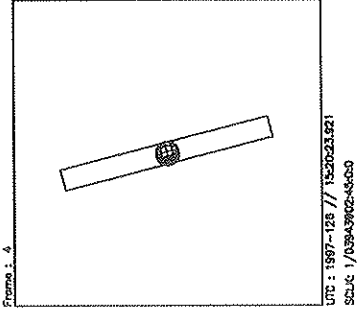
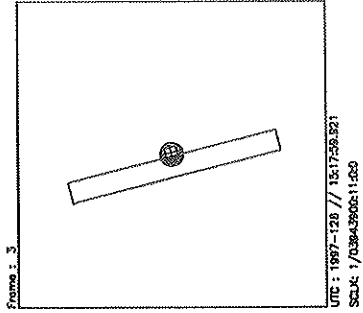
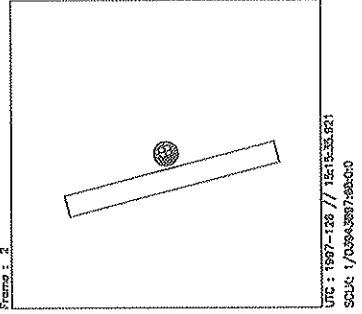
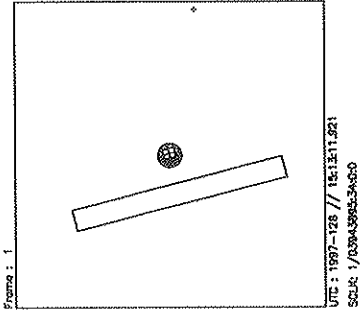
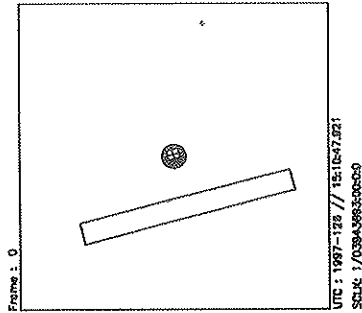
Activity ID: Orbit G8		OAPEL CUADLIND		SeqNo 01+	
Title	UVS R/A W/NIMS CALLISTO ADLINDA			Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	G8A	Calendar Date	05/06/97
				Week	19
Start	CEE+CDS 00000016:00:0		97-126/12:27:04.199		CEE+000/00:16:10.666
End	CEE+CDS 00000039:00:0		97-126/12:50:19.533		CEE+000/00:39:26.000
Duration	00000023:00:0		000/00:23:15.334		000/00:23:15.334
Top Label	G8CUADLIND01+				
Bottom Label	(recorded)				
Plot Key	UVS	Type	SCI		
CDS Bytes	38	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
	Ride-along with the NIMS Callisto Adlinda Crater 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.				
	Playback of this observation will require [(cds 18:00:0)*(1008 bps)] = 1.10 Mbits of UVS data. However, this observation is NOT CURRENTLY PLANNED to be returned with the nominal G8 UVS SWG Mbit allocation.				
	UVS Configuration = F/P Full Scans				
Design Detail					
CDS	RIM	Command	Parameters	PSID	
0		TARGET	(NIMS Target)	-----	
0		CSMOS	(NIMS Csmos)		
0		SCTREC	(NIMS Scirec)		
38	003	CMDRS		(CF)	
	004	1	34UVS,07,S,N,N,N,S,0,	ON,OFF,OFF,	ON,OFF,NOOVR,1,00,9C,00,00
	022	19	34UVS,C1,F,N,N,N,S,0,	OFF,OFF,	ON,OFF,OFF,NOOVR,1,2C,05,00,00



Start UTC_TIME : 1997-126 // 12:31:02.593
 End UTC_TIME : 1997-126 // 12:49:14.593
 Start SCLK : 1/03943735:00:00
 Delta Time between FOV : 136.0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : CALLISTO
 Target Cone/Clock : 132.47/217.62 Deg
 S/C to Body Center : 36710.87 Km (15.277101 Rc)
 Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg

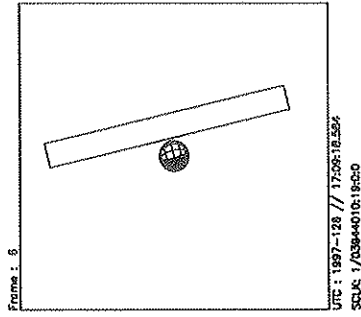
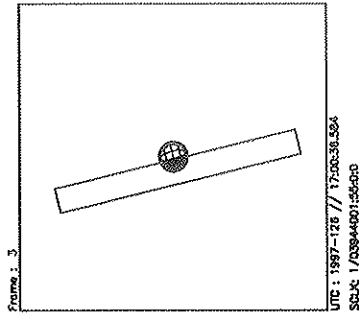
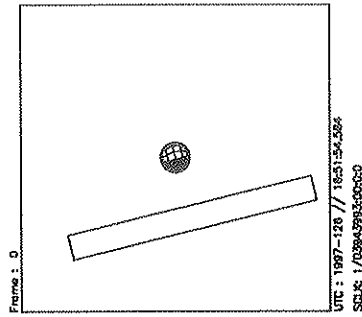
Activity ID: Orbit G8	OAPEL IUIECLPS	SeqNo 02-
Title	UVS IO ECLIPSE (AFTER-INGRESS)	Instrument UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team UVS Working Group SWG
Time System CDS	Load ID G8A	Calendar Date 05/06/97 Week 19
Start	JEE-CDS 00002653:00:0	97-126/14:59:44.734 JEE-001/20:42:28.666
End	JEE-CDS 00002631:00:0	97-126/15:21:59.400 JEE-001/20:20:14.000
Duration	00000022:00:0	000/00:22:14.666 000/00:22:14.666
Top Label	G8IUIECLPS02-	
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		
<p>UVS real-time Io Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Io 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>G8IUIECLPS02- = Io eclipse after ingress measurement. 1 scan-platform drift across Io in real-time (20 RIM 3-sigma drift rate) just after the satellite enters Jupiter's eclipse. This observation was shortened to avoid conflicts with the PPR Callisto c/a observations.</p> <p>UVS Configuration = N/N Full Scans</p>		
Design Detail		
CDS RIM Command Parameters	PSID	
28 001+UVFLUSH DISCRD,UVS	(CI)	
36 003 TARGET (3 RIM Posn_slew)	(CE)	
38 002 CMDRS	(CH)	
003 1 34UVS,07,S,N,N,N,S,0,OFF, ON,OFF, ON,OFF,NOOVR,1,2C,9D,00,00		
022 20 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00		
28 021+UVFLUSH PACKET,UVS	(CJ)	



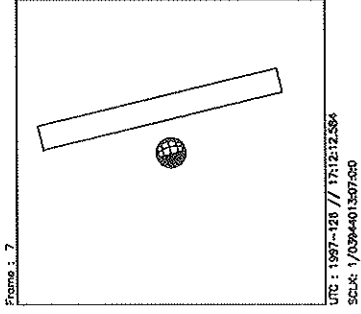
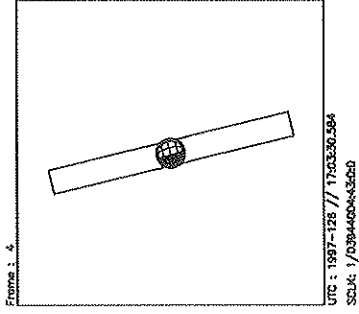
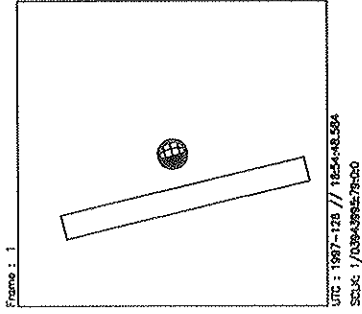
Start UTC.TIME : 1997-126 // 15:10:47.921
End UTC.TIME : 1997-126 // 15:30:00.587
Start SCLK : 1/039A3893:00:0:0
Delta Time between FOV : 1.44:0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : IO
Target Cone/Clock : 101.27 / 94.70 Deg
S/C to Body Center : 1895650. Km (1039.0825 Ri)
Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg

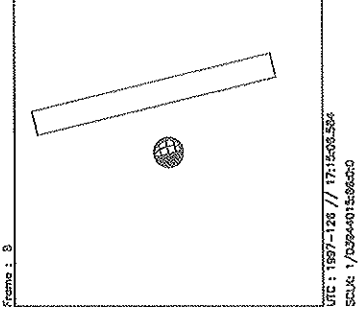
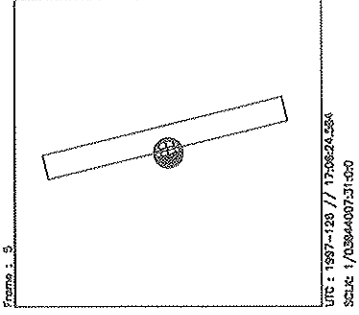
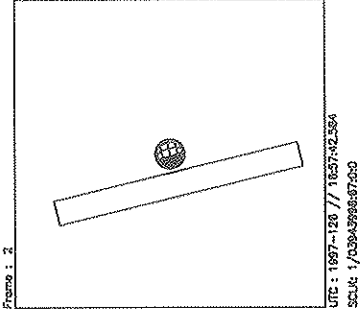
Activity ID:	Orbit G8	OAPEL IUIECLPS	SeqNo	03-
Title	UVS IO ECLIPSE (BEFORE-EGRESS)		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group
				SWG
Time System	CDS	Load ID	G8A	Calendar Date
				05/06/97
				Week
				19
Start	JEE-CDS 00002545:00:0		97-126/16:48:56.734	JEE-001/18:53:16.666
End	JEE-CDS 00002518:00:0		97-126/17:16:14.734	JEE-001/18:25:58.666
Duration	00000027:00:0		000/00:27:18.000	000/00:27:18.000
Top Label	G8IUIECLPS03-			
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				
	<p>UVS real-time Io Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Io 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>G8IUIECLPS03- = Io eclipse before egress measurement. 1 scan-platform drift across Io in real-time (26 RIM 3-sigma drift rate) just prior to the satellite leaving Jupiter's eclipse. This observation was shortened to avoid conflicts with the PPR Callisto c/a observations.</p>			
	<p>UVS Configuration = N/N Full Scans</p>			
Design Detail				
CDS RIM Command Parameters				PSID
28 001+UVFLUSH DISCRD,UVS				(CK)
36 003 TARGET (3 RIM Posn_slew)				(CF)
38 002 CMDRS				(CJ)
003 1 34UVS,07,S,N,N,N,S,0,OFF,	ON,OFF,			ON,OFF,NOOVR,1,2C,9D,00,00
026 24 34UVS,C1,F,N,N,N,S,0,OFF,OFF,	ON,OFF,OFF,NOOVR,1,2C,05,00,00			
28 025+UVFLUSH PACKET,UVS				(CL)



Start UTC_TIME : 1997-128 // 16:51:54.584
 End UTC_TIME : 1997-128 // 17:15:09.916
 Start SCLK : 1/03943993:00:00
 Delta Time between FOV : 174.0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

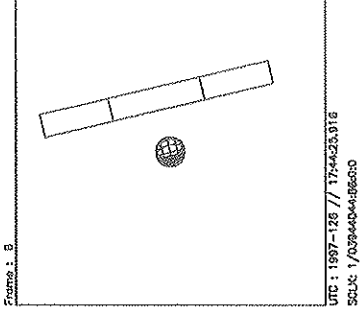
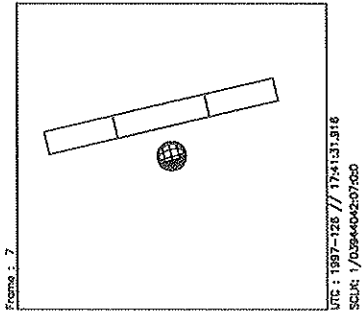
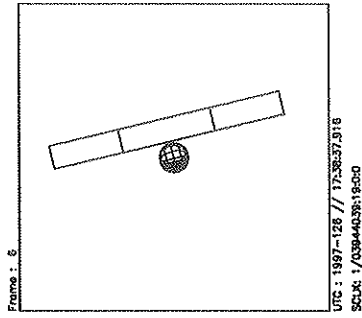
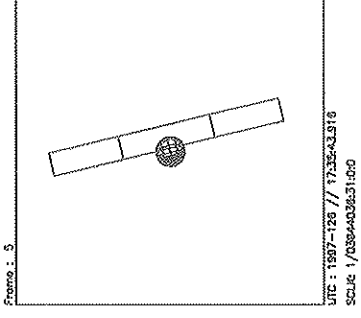
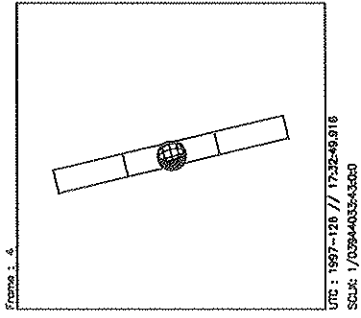
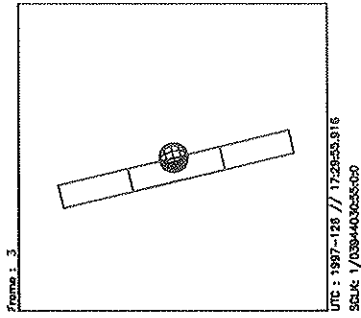
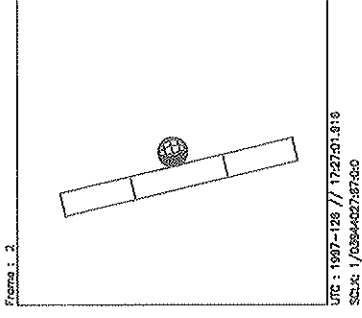
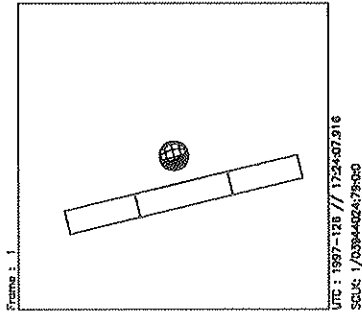
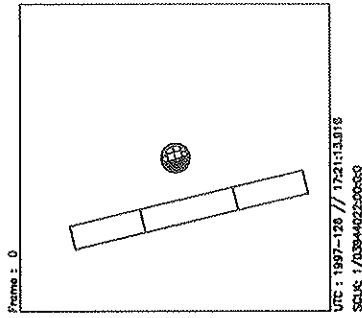


Target Body : iO
 Target Cone/Clock : 103.70 / 94.63 Deg
 S/C to Body Center : 175970.: Km (984.56809 Ri)
 Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg



Activity ID: Orbit G8		OAPEL IUIECLPS		SeqNo 04-	
Title		UVS IO ECLIPSE (AFTER-EGRESS)		Instrument UVS	
Requestor		UVS-SWG/K.NAVIAUX 37740		Team UVS	
				Working Group SWG	
Time System	CDS	Load ID	G8A	Calendar Date	05/06/97
				Week	19
Start	JEE-CDS 00002517:00:0		97-126/17:17:15.400		JEE-001/18:24:58.000
End	JEE-CDS 00002490:00:0		97-126/17:44:33.400		JEE-001/17:57:40.000
Duration	00000027:00:0		000/00:27:18.000		000/00:27:18.000
Top Label		G8IUIECLPS04-			
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; width: 150px; height: 100px; 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 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>G8IUIECLPS04- = Io eclipse after egress measurement. 1 scan-platform drift across Io in real-time (26 RIM 3-sigma drift rate) just prior to the satellite leaving Jupiter's eclipse. This observation was shortened to avoid conflicts with the PPR Callisto c/a observations.</p> <p>UVS Configuration = F/G Full Scans</p> <p style="text-align: right;"><i>X used T/W</i></p>					
Design Detail					
CDS RIM Command Parameters				PSID	
-----				----	
28 002+UVFLUSH DISCRD,UVS				(CM)	
36 004 TARGET (4 RIM Posn_slew)				(CG)	
38 003 CMDRS				(CK) OFF	
004 1 34UVS,07,S,N,N,N,S,0,				ON,OFF,ON	ON,OFF,NOOVR,1,00,9C,01,2C
027 24 34UVS,C1,F,N,N,N,S,0,				OFF,OFF,ON	OFF,OFF,NOOVR,1,2C,05,00,00
28 026+UVFLUSH PACKET,UVS				(CN)	

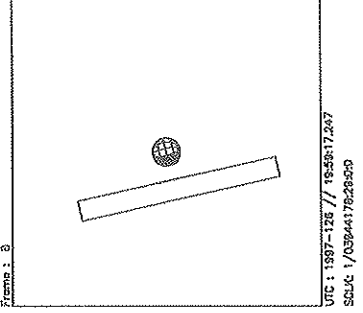
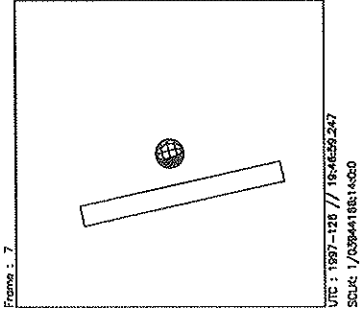
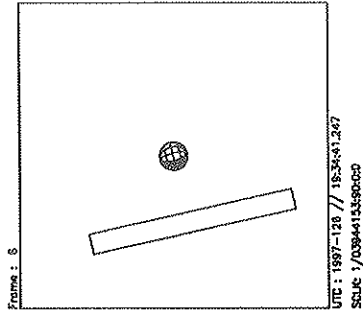
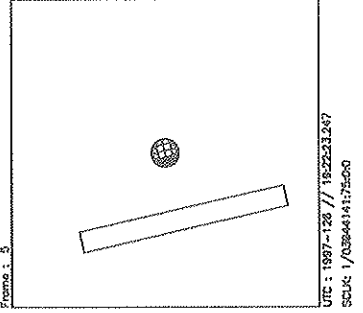
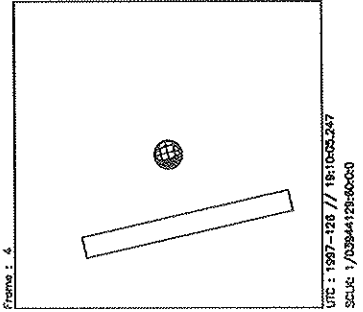
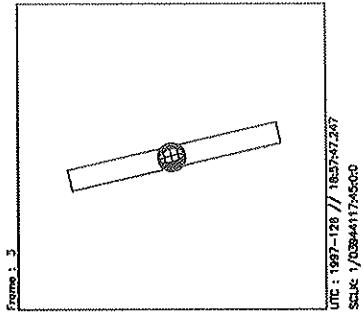
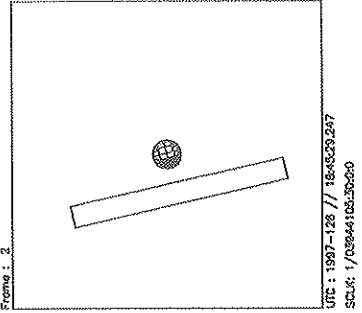
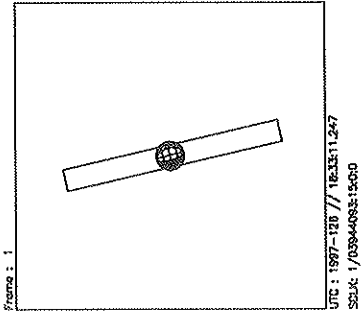
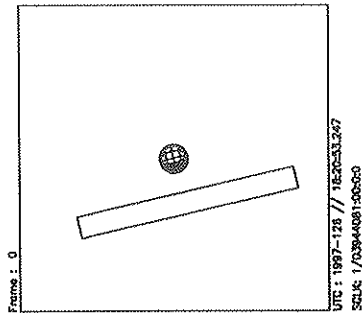
Verified w/ final seq. June 19, 97 PCS



Start UTC_TIME : 1997-126 // 17:21:13.916
End UTC_TIME : 1997-126 // 17:44:29.248
Start SCLK : 1/0394402200000
Delta time between FOV : 174.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

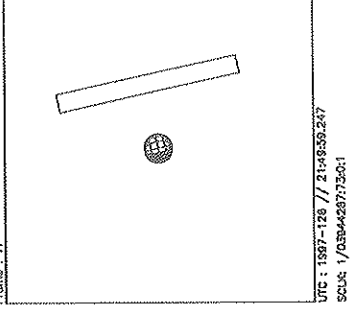
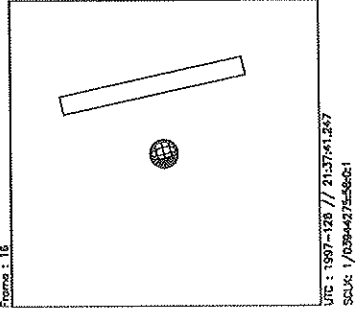
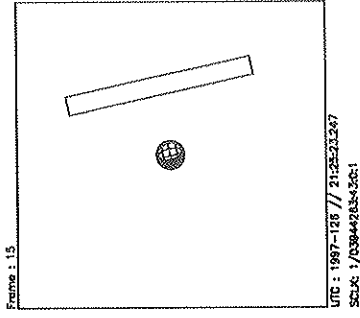
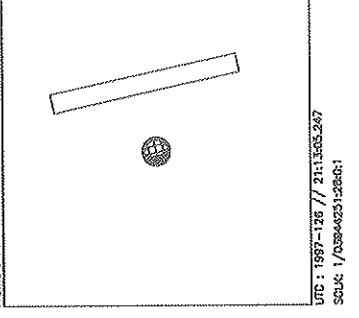
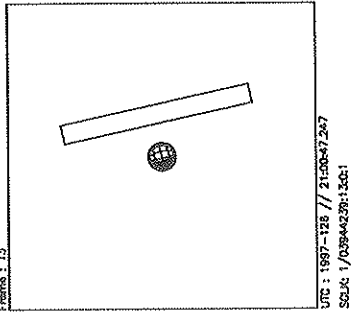
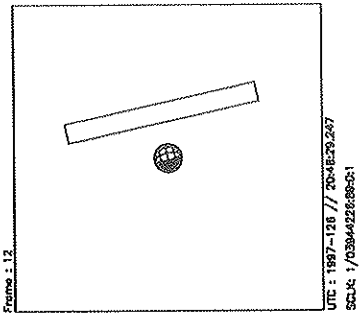
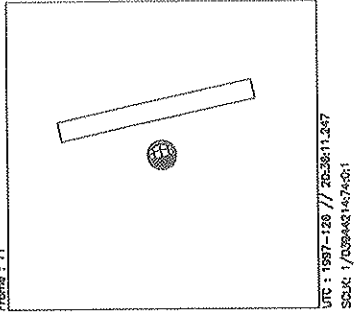
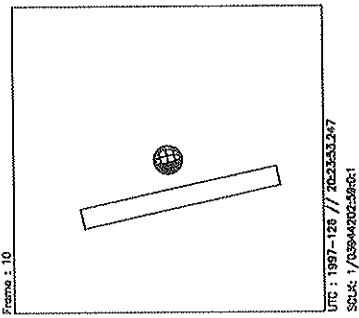
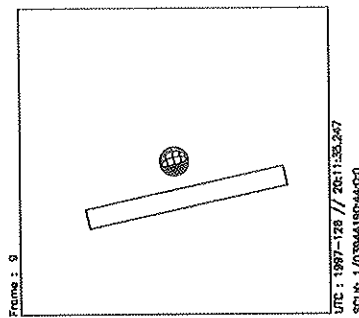
Target Body : 10
Target Cone/Clock : 104.32 / 94.61 Deg
S/C to Body Center : 1719527. Km (942.54255 Ri)
Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg

Activity ID: Orbit G8	OAPEL IUNTRLCL	SeqNo 01-
Title UVS IO NEUTRAL CLOUD	Instrument UVS	
Requestor UVS-SWG/J. AIELLO 30523	Team UVS	Working Group SWG
Time System CDS	Load ID	Calendar Date 05/06/97 Week 19
Start JEE-CDS 00002459:00:0	97-126/18:15:54.067	JEE-001/17:26:19.333
End JEE-CDS 00002247:00:0	97-126/21:50:15.400	JEE-001/13:51:58.000
Duration 00000212:00:0	000/03:34:21.333	000/03:34:21.333
Top Label G8IUNTRLCL01-		
Bottom Label (real-time)		
Plot Key UVS	Type SCI	
CDS Bytes 422	Report Options BOTH	Scan Platform Yes
CDS Source OAP	Spin State DUAL	DMS No
Observation Objective		
	<p>~4 hour UVS real-time Io Neutral Cloud observation. Determine the composition and time variation of the ionized Io neutral cloud (SO₂, SO, O, S, K, Na) to assist in the modeling of the Io plasma torus and Io atmosphere.</p> <p>Target the s/p 2 Io radii off the satellite surface and allow s/c motion to drift the POV over Io two times at 20 RIMS per drift. Target the s/p also at positions 4 and 2 Io radii off both sides of the satellite surface and dwell for 40 RIMS at each via TMC.</p> <p>UVS Configuration = G/G FIXED 1256 AND 1479</p>	
Design Detail		
CDS RIM Command Parameters	PSID	
-----	-----	
28 002+UVFLUSH DISCRD,UVS	(CK)	
38 003 CMDRS	(CL)	
004 1 34UVS,D3,F,N,N,N,S,0,OFF,OFF, ON, ON,OFF,NOOVR,1,72,4D,00,92		1256/1479
211 208 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C 05,00,00		HV OFF
36 004 TARGET (4 RIM Posn_slew)	(CH)	
36 027 TARGET (3 RIM Posn_slew)	(CJ)	
28 046+UVFLUSH PACKET,UVS	(CM)	
36 048 TARGET (1 RIM Posn_slew)	(CK)	
28 087+UVFLUSH PACKET,UVS	(CN)	
36 089 TARGET (1 RIM Posn_slew)	(CL)	
28 128+UVFLUSH PACKET,UVS	(CO)	
36 130 TARGET (1 RIM Posn_slew)	(CM)	
28 169+UVFLUSH PACKET,UVS	(CS)	
36 171 TARGET (1 RIM Posn_slew)	(CN)	
28 210+UVFLUSH PACKET,UVS	(CQ)	



Start UTC_TIME : 1997-126 // 18:20:53.247
End UTC_TIME : 1997-126 // 21:50:11.239
Start SCLK : 1/03944081:00:00
Delta Time between FOV : 736.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

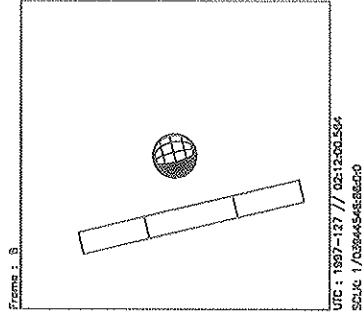
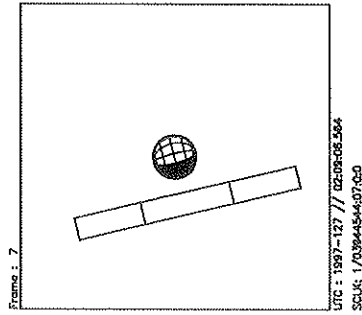
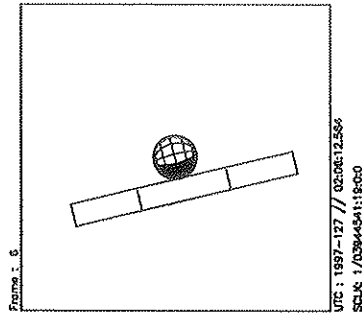
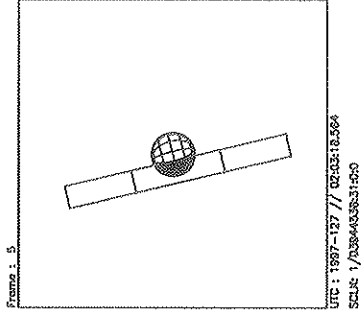
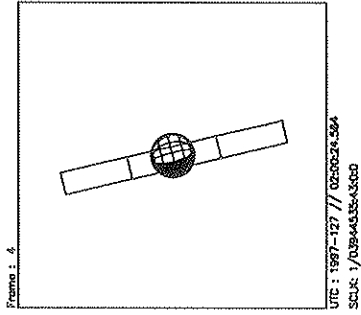
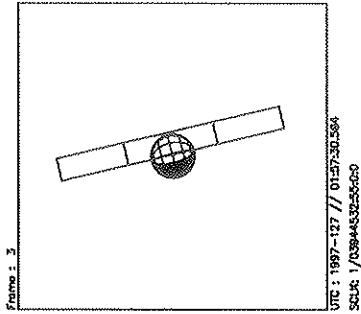
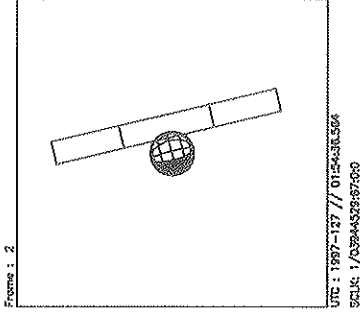
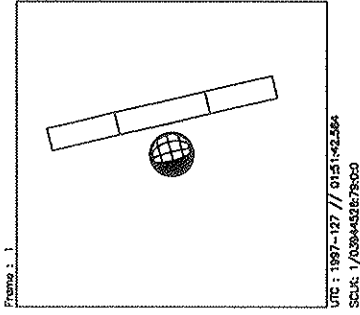
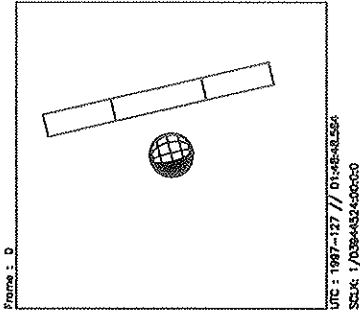
Target Body : IO
Target Cone/Clock : 105.44 / 94.58 Deg
S/C to Body Center : 163757. Km (897.51417 Ri)
Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg



Start UTC_TIME : 1997-126 // 18:20:53.247
 End UTC_TIME : 1997-126 // 21:50:11.239
 Start SCLK : 1/03944081:00:0:0
 Delta Time between FOV : 738.0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : IO
 Target Cone/Clock : 106.94 / 94.54 Deg
 S/C to Body Center : 1466233. Km (814.66450 Ri)
 Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg

Activity ID: Orbit G8		OAPEL IUPHAS73		SeqNo 01-	
Title		UVS IO PHASE OBSERVATION (~73 DEG)		Instrument UVS	
Requestor		UVS-SWG/J.AIELLO 30523		Team UVS	
				Working Group SWG	
Time System	CDS	Load ID		Calendar Date	05/07/97
				Week	19
Start	JEE-CDS 00002015:00:0		97-127/01:44:50.067		JEE-001/09:57:23.333
End	JEE-CDS 00001988:00:0		97-127/02:12:08.067		JEE-001/09:30:05.333
Duration	00000027:00:0		000/00:27:18.000		000/00:27:18.000
Top Label		G8IUPHAS7301-			
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 observation of Io at phase angle unobtainable from Earth.				
	1 scan-platform drift across Io in real-time.				
	UVS Configuration = F/N Full Scans				
Design Detail					
CDS RIM Command Parameters				PSID	
---				----	
28 003+UVFLUSH DISCRD, UVS				(CG)	
36 004 TARGET (4 RIM Posn_slew)				(CD)	
38 003 CMDRS				(CG)	
004 1 34UVS, 07, S, N, N, N, S, 0,	ON,	ON,	OFF,	ON,	OFF, NOOVR, 1, 00, 9C, 01, 2C
027 24 34UVS, C1, F, N, N, N, S, 0,	OFF,	OFF,	ON,	OFF, OFF, NOOVR, 1, 2C, 05, 00, 00	
28 026+UVFLUSH PACKET, UVS				(CH)	



Start UTC_TIME : 1997-127 // 01:48:48.564
End UTC_TIME : 1997-127 // 02:12:03.896
Start SCLK : 1/039445240000
Delta time between FOV : 174.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

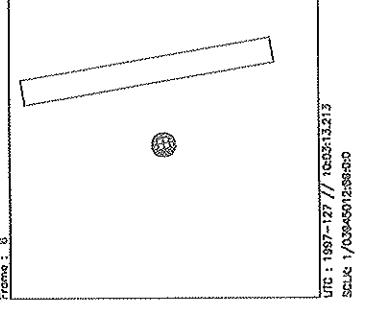
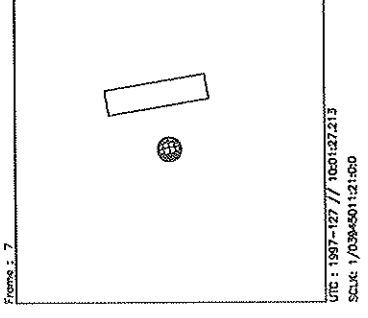
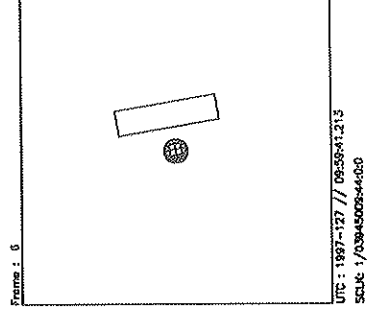
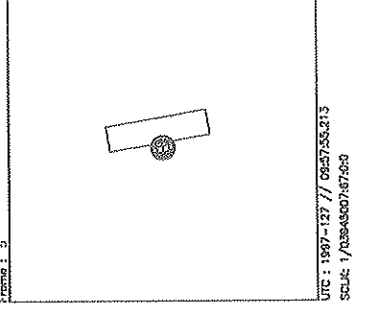
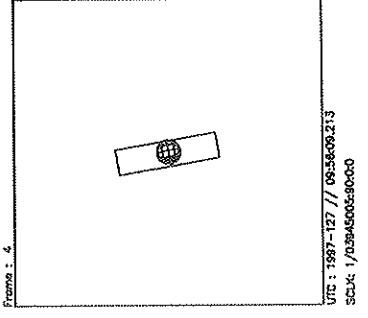
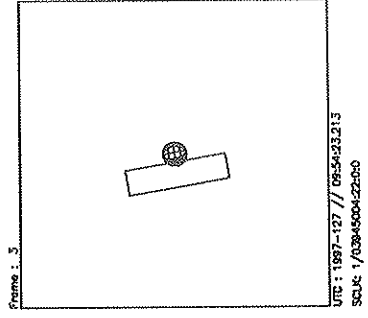
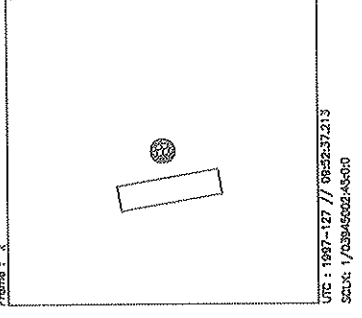
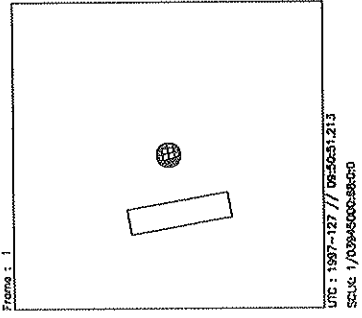
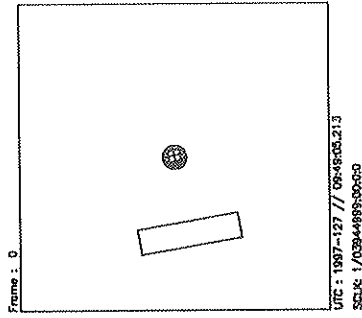
Target Body : IO
Target Cone/Clock : 105.03 / 94.57 Deg
S/C to Body Center : 1099228. Km (602.53114 Ri)
Z-axis Pointing (Ra / Dec) : 132.00 / 17.00 Deg

UVS EUROPA PHASE (~65 deg)

ACTIVITY ID: G8EUPHAS6501-

START TIME: 97-127/09:45:06.734

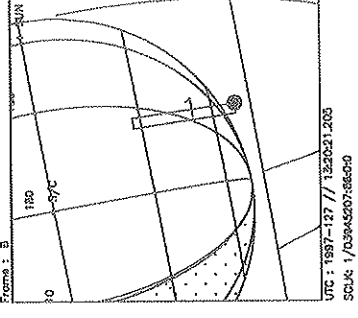
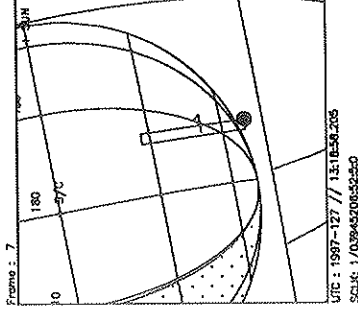
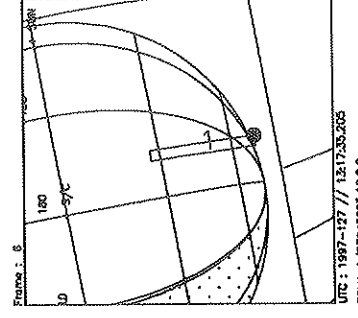
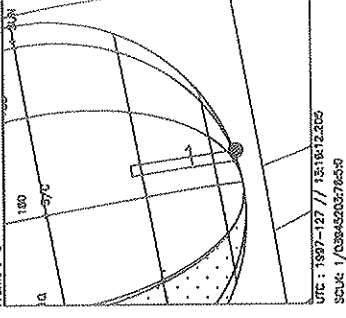
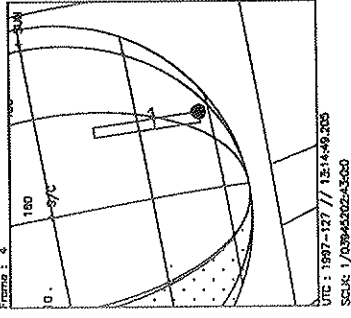
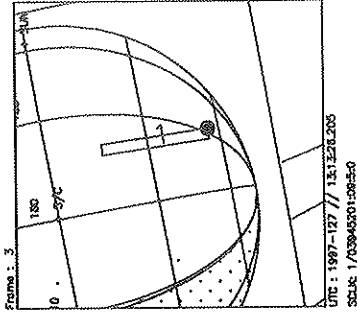
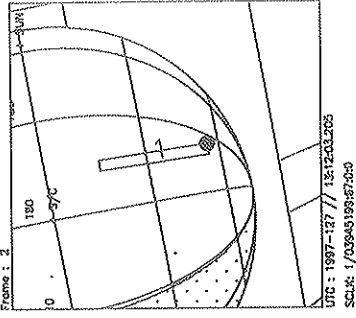
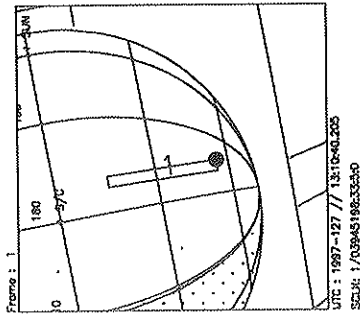
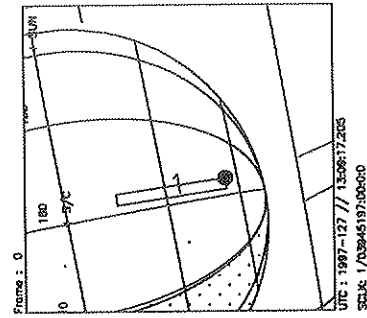
Activity ID: Orbit G8		OAPEL BUPHAS65		SeqNo 01-	
Title	UVS EUROPA PHASE (~65 deg)			Instrument	UVS
Requestor	UVS-SWG/J. AIELLO X37737	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	Calendar Date	05/07/97	Week 19
Start	JEE-CDS 00001540:00:0		97-127/09:45:06.734	JEE-001/01:57:06.666	
End	JEE-CDS 00001505:00:0		97-127/10:20:30.067	JEE-001/01:21:43.333	
Duration	00000035:00:0		000/00:35:23.333	000/00:35:23.333	
Top Label	G8EUPHAS6501-				
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					
	Observe Europa between 1600A and 3200A at phase angles not obtainable from the Earth to supplement and complement the NIMS surface property measurements.				
	1 scan-platform drift across Europa in real-time at ~65 deg phase (S/C subpt ~10 deg longitude; 14 RIM 3-sigma drift rate).				
	F/P Full Scans				
Design Detail					
CDS	RIM	COMMAND			
28	002+	UVFLUSH DISCRD,UVS (CX)			
38	003	CMDRS (CM)			
	004	1 34UVS,07,S,N,N,N,S,0, ON,OFF,OFF, ON,OFF,NOOVR,1,00,9C,00,00			
	018	15 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	032+	UVFLUSH,PACKET,UVS (CY)			



Start UTC.TIME : 1997-127 // 09:49:05.213
End UTC.TIME : 1997-127 // 10:03:14.546
Start SCLK : 1/03944999:00:00
Delta Time between FOV : 106.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : EUROPA
Target Cone/Clock : 102.83 / 96.35 Deg
S/C to Body Center : 1911195. Km (1221.2107 Re)
Z-axis Pointing (Ra / Dec) : 142.40 / 14.40 Deg

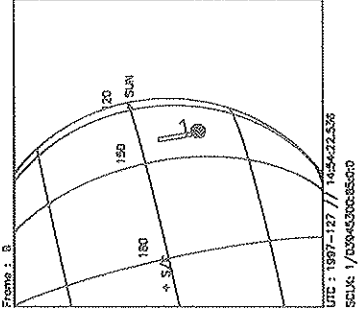
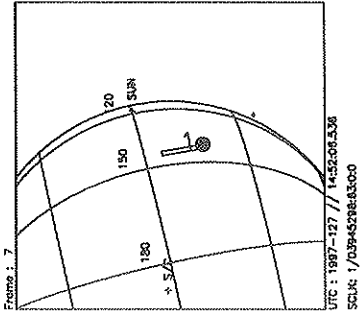
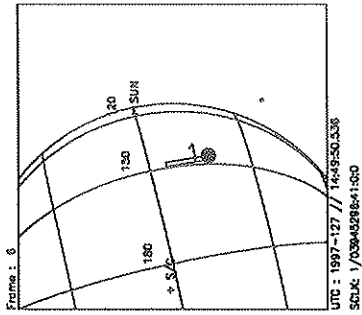
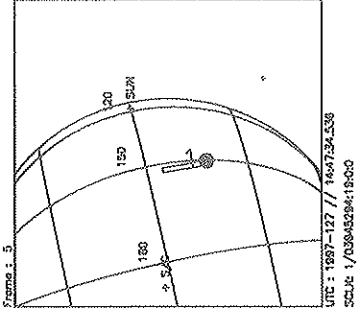
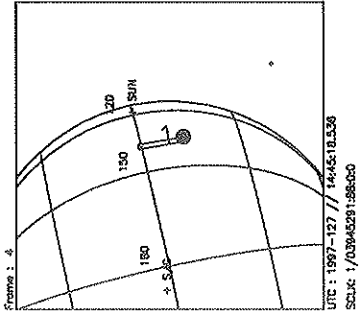
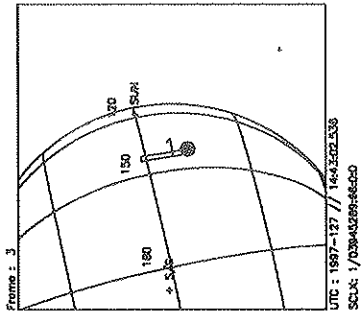
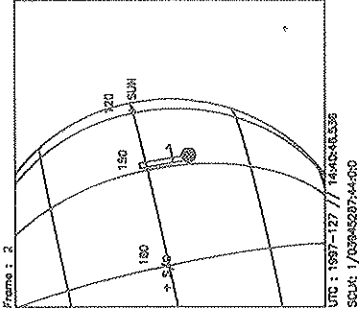
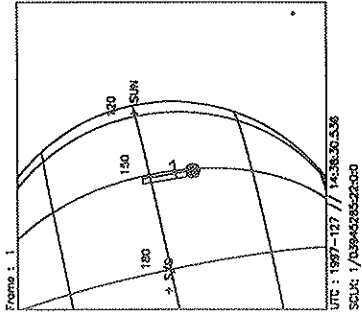
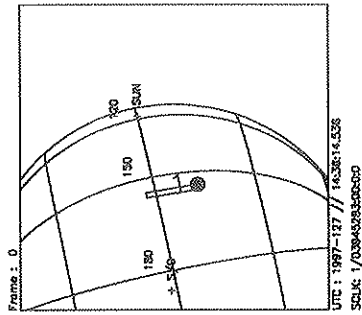
Activity ID:	Orbit G8	OAPEL GUOSIRIS	SeqNo	01+
Title	UVS R/A W/ NIMS OSIRIS CRATER		Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group SWG
Time System	CDS	Load ID	G8A	Calendar Date 05/07/97 Week 19
Start	GTE-CDS 00000157:00:0		97-127/13:17:26.800	GTE-000/02:38:44.666
End	GTE-CDS 00000141:00:0		97-127/13:33:37.466	GTE-000/02:22:34.000
Duration	00000016:00:0		000/00:16:10.666	000/00:16:10.666
Top Label	G8GUOSIRIS01+			
Bottom Label	(recorded)			
Plot Key	UVS	Type	SCI	
CDS Bytes	38	Report Options	BOTH	Scan Platform No
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	Ride-along with the NIMS Ganymede Osiris Crater observation to observe Ganymede 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.			
	Playback of this observation will require [(cds 11:00:0)*(1008 bps)] = 0.67 Mbits of UVS data. However, this observation is NOT CURRENTLY PLANNED to be returned with the nominal G8 UVS SWG Mbit allocation.			
	UVS Configuration = 1215/1303 16-Step			
Design Detail				
CDS RIM Command Parameters			PSID	
0	TARGET	(NIMS Target)		
0	CSMOS	(NIMS Csmos)		
0	SCIREC	(NIMS Scirec)		
38 000	CMDRS		(CN)	
001	1	34UVS,D1,S,N,N,N,S,0,OFF,OFF,	ON,	ON,OFF,NOOVR,1,5A,45,00,39
012	12	34UVS,C1,F,N,N,N,S,0,OFF,OFF,	ON,OFF,OFF,NOOVR,1,2C,05,00,00	



Start UTC_TIME : 1997-127 // 13:09:17.205
 End UTC_TIME : 1997-127 // 13:20:24.538
 Start SCLK : 1/03945197:00:00
 Delta Time between FOV : 83.00000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : GANYMEDE
 Target Cone/Clock : 105.41 / 96.59 Deg
 S/C to Body Center : 84614.35 Km (32.123900 Rg)
 Z-axis Pointing (Ra / Dec) : 142.40 / 14.40 Deg

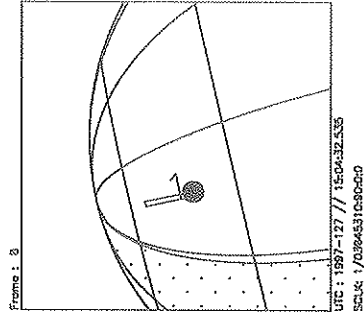
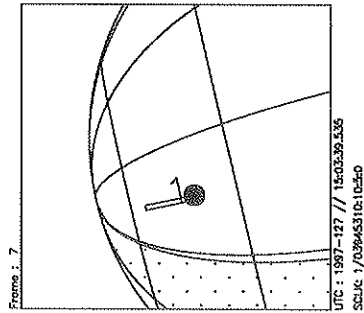
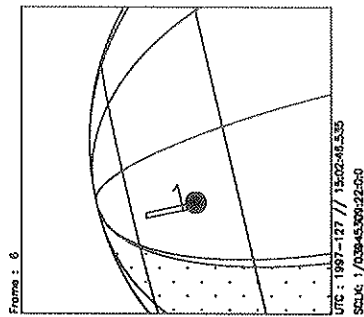
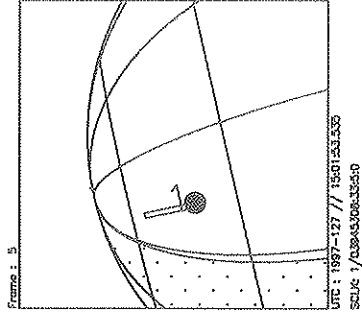
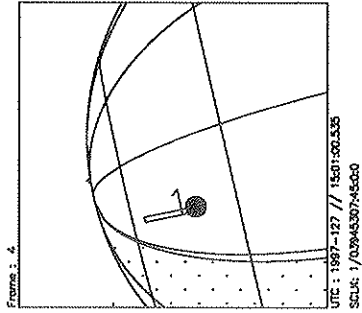
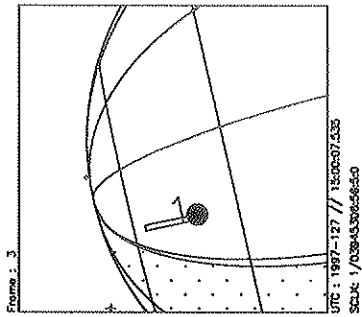
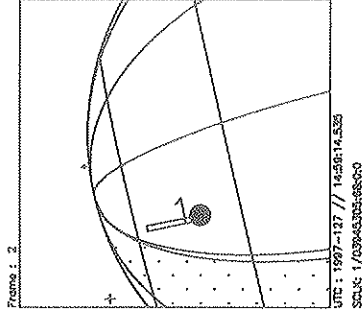
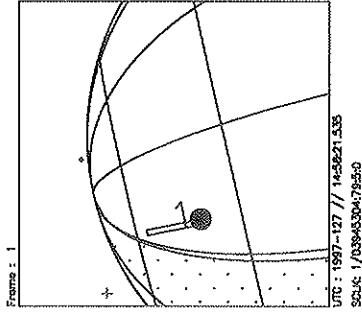
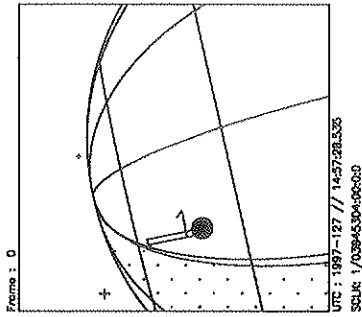
Activity ID: Orbit G8	OAPEL GUURUK_	SeqNo	01+
Title	UVS R/A W/ NIMS URUK SULCUS CRATER	Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS
		Working Group	SWG
Time System CDS	Load ID G8A	Calendar Date	05/07/97
		Week	19
Start	GTE-CDS 00000080:00:0	97-127/14:35:18.133	GTE-000/01:20:53.333
End	GTE-CDS 00000060:00:0	97-127/14:55:31.466	GTE-000/01:00:40.000
Duration	00000020:00:0	000/00:20:13.333	000/00:20:13.333
Top Label	G8GUURUK_01+		
Bottom Label	(recorded)		
Plot Key	UVS	Type	SCI
CDS Bytes	38	Report Options	BOTH
		Scan Platform	No
CDS Source	OAP	Spin State	DUAL
		DMS	No
Observation Objective			
<p>Ride-along with the NIMS Ganymede Uruk Sulcus Crater observation to observe Ganymede 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.</p> <p>Playback of this observation will require [(cds 18:00:0)*(1008 bps)] = 1.10 Mbits of UVS data. However, this observation is NOT CURRENTLY PLANNED to be returned with the nominal G8 UVS SWG Mbit allocation.</p> <p>UVS Configuration = 1215/1303 16-Step</p>			
Design Detail			
CDS RIM	Command	Parameters	PSID
0	TARGET	(NIMS Target)	----
0	CSMOS	(NIMS Csmos)	
0	SCIREC	(NIMS Scirec)	
38 000	CMDRS	(CP)	
001	1	34UVS,D1,S,N,N,N,S,0,OFF,OFF,	ON, ON,OFF,NOOVR,1,5A,45,00,39
019	19	34UVS,C1,F,N,N,N,S,0,OFF,OFF,	ON,OFF,OFF,NOOVR,1,2C,05,00,00



Start UTC_TIME : 1997-127 // 14:36:14.536
 End UTC_TIME : 1997-127 // 14:54:26.535
 Start SCLK : 1/03945283:00:00
 Delta time between FOV : 136.0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : GANYMEDE
 Target Cone/Clock : 102.55/ 95.10 Deg
 S/C to Body Center : 40694.57 Km (15.449721 Rg)
 Z-axis Pointing (Ra / Dec) : 142.40 / 14.40 Deg

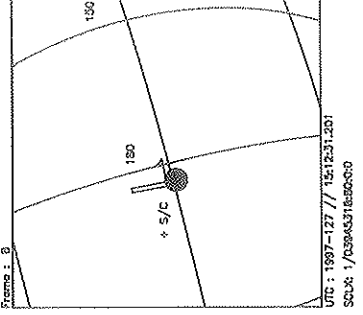
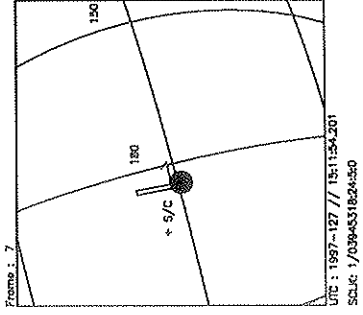
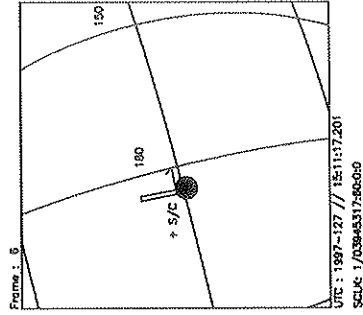
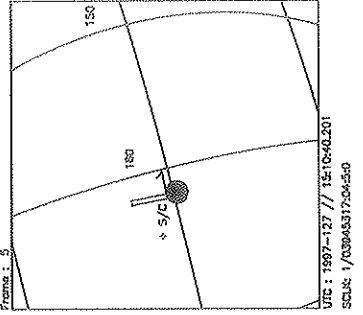
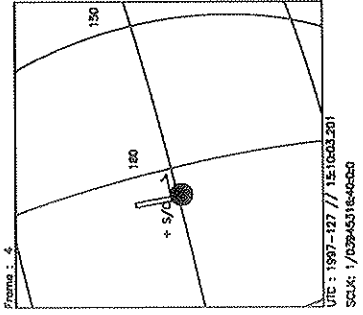
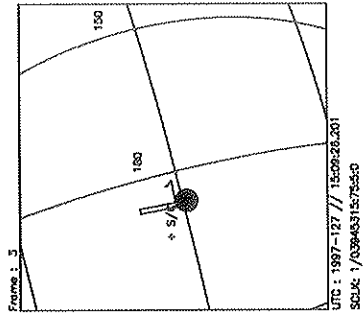
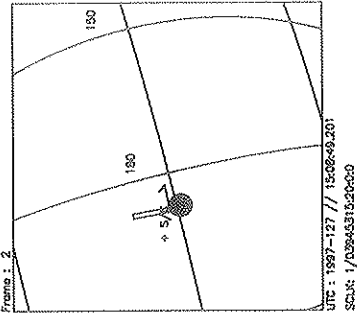
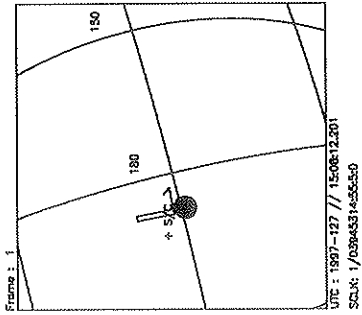
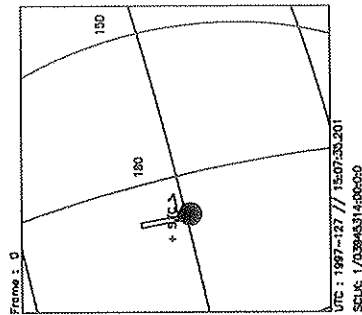
Activity ID: Orbit G8	OAPEL GUTRANSI	SeqNo	01+
Title	UVS R/A W/ NIMS TRANSITION BNDRY	Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS
		Working Group	SWG
Time System	CDS	Load ID	G8A
		Calendar Date	05/07/97
		Week	19
Start	GTE-CDS 00000059:00:0		97-127/14:56:32.133
			GTE-000/00:59:39.333
End	GTE-CDS 00000050:00:0		97-127/15:05:38.133
			GTE-000/00:50:33.333
Duration	00000009:00:0		000/00:09:06.000
			000/00:09:06.000
Top Label	G8GUTRANSI01+		
Bottom Label	(recorded)		
Plot Key	UVS	Type	SCI
CDS Bytes	38	Report Options	BOTH
		Scan Platform	No
CDS Source	OAP	Spin State	DUAL
		DMS	No
Observation Objective			
<p>Ride-along with the NIMS Ganymede Eshmun Crater observation to observe Ganymede 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.</p> <p>Playback of this observation will require [(cds 07:00:0)*(1008 bps)] = 0.43 Mbits of UVS data. At an expected compression ratio of 1.6, this translates to .269 Mbits. This observation is CURRENTLY PLANNED to be returned in full within the nominal G8 UVS SWG Mbit allocation.</p> <p>UVS Configuration = 1215/1303 16-Step</p>			
Design Detail			
CDS RIM Command Parameters			PSID
-----			-----
0	TARGET	(NIMS Target)	
0	CSMOS	(NIMS Csmos)	
0	SCIREC	(NIMS Scirec)	
38	000	CMDRS	(CQ)
	001	1	34UVS,D1,S,N,N,N,S,0,OFF,OFF, ON, ON,OFF,NOOVR,1,5A,45,00,39
	008	8	34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00



Start UTC_TIME : 1997-127 // 14:57:28.535
 End UTC_TIME : 1997-127 // 15:04:33.201
 Start SCLK : 1/03945304-00:00
 Delta Time between FOV : 53.00000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : GANYMEDE
 Target Cone/Clock : 100.59 / 94.10 Deg
 S/C to Body Center : 30047.26 Km (11.407465 Rg)
 Z-axis Pointing (Ra / Dec) : 142.40 / 14.40 Deg

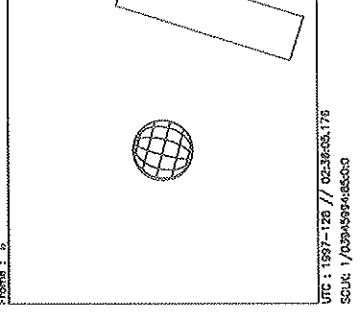
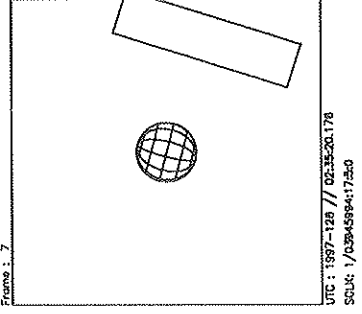
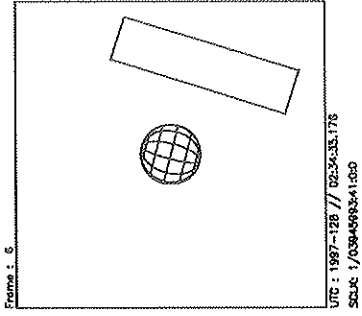
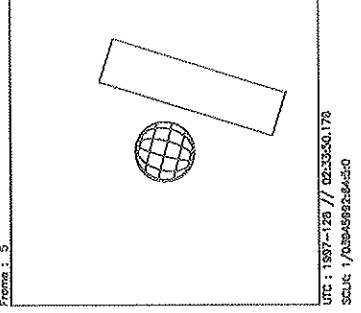
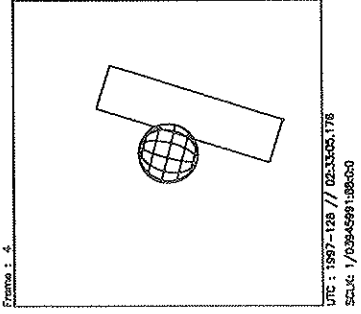
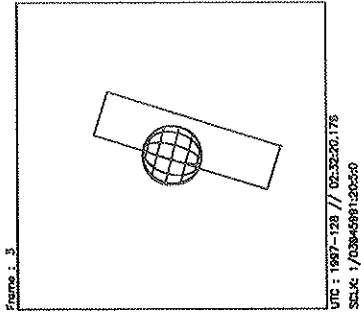
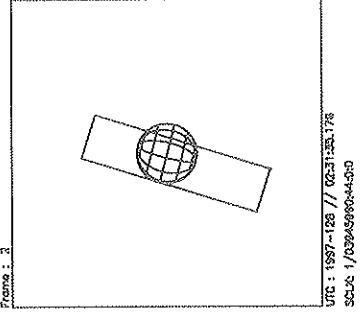
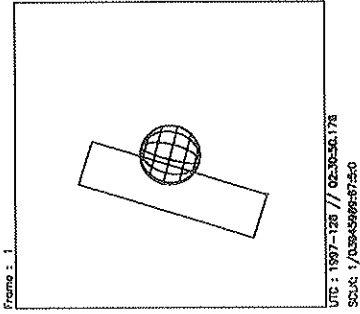
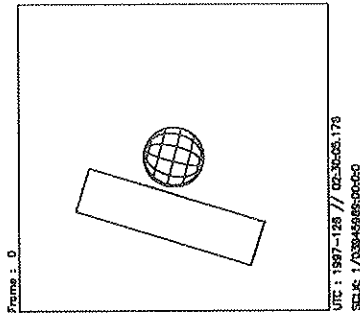
Activity ID:	Orbit G8	OAPEL GULIDARK	SeqNo	01+
Title	UVS R/A W/NIMS LIGHT/DARK MATERIAL		Instrument	UVS
Requestor	UVS-SWG/J. AJELLO X30523	Team	UVS	Working Group SWG
Time System	CDS	Load ID	Calendar Date	05/07/97 Week 19
Start	GTE-CDS 00000049:00:0	97-127/15:06:38.800	GTE-000/00:49:32.666	
End	GTE-CDS 00000042:00:0	97-127/15:13:43.466	GTE-000/00:42:28.000	
Duration	00000007:00:0	000/00:07:04.666	000/00:07:04.666	
Top Label	G8GULIDARK01+			
Bottom Label	(recorded)			
Plot Key	UVS	Type	SCI	
CDS Bytes	38	Report Options	BOTH	Scan Platform No
CDS Source	OAP	Spin State	DUAL	DMS No
Observation Objective				
	Ride-along with the NIMS light/dark material observation of Ganymede between 1600A and 3200A. Data will supplement and complement the NIMS surface property measurements.			
	Playback of this observation will require ((cds 5:00:0)*(1008 bps) = .31 Mbits of UVS data. At an expected compression ration of 1.6 this translates to .19 Mbits.			
	UVS configuration = 1215/1303 16-Step			
Design Detail				
CDS	RIM	COMMAND		
0		TARGET (NIMS)		
0		CSMOS (NIMS)		
0		SCIREC (NIMS)		
38	0	CMDRS (CR)		
	1	34UVS,D1,S,N,N,N,S,0,OFF,OFF, ON, ON,OFF,NOOVR,1,5A,45,00,39		
	6	6 34UVS,C1,S,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00		



Target Body : GANYMEDE
 Target Cone/Clock : 99.07 / 93.33 Deg
 S/C to Body Center : 25000.10 Km (9.4913069 Rg)
 Z-axis Pointing (Ra / Dec) : 142.40 / 14.40 Deg

Start UTC_TIME : 1997-127 // 15:07:35.201
 End UTC_TIME : 1997-127 // 15:12:38.534
 Start SCLK : 1/03945314:00:0:0
 Delta Time between FOV : 37.00000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Activity ID: Orbit G8		OAPEL EUPHAS07		SeqNo 01-	
Title		EUROPA PHASE 7 deg		Instrument UVS	
Requestor		UVS-SWG/J. AIELLO X37737		Team UVS	
				Working Group SWG	
Time System CDS		Load ID		Calendar Date 05/08/97	
				Week 19	
Start		EEE-CDS 00000430:00:0		97-128/02:34:12.067	
				EEE-000/07:14:46.666	
End		EEE-CDS 00000425:00:0		97-128/02:39:15.400	
				EEE-000/07:09:43.333	
Duration		00000005:00:0		000/00:05:03.333	
				000/00:05:03.333	
Top Label		G8EUPHAS0701-			
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="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 150px; height: 100px; margin-right: 10px;"></div> <div> <p>Observe Europa between 1600 and 3200 angstroms. Supplements observations at phase angles not obtainable from Earth.</p> <p>UVS Configuration = F/F Full Scans</p> </div> </div>					
Design Detail					
CDS	RIM	COMMAND			
---	---	-----			
36	004	Target			
28	003+	UVFLUSH, DISCARD, UVS			
28	003	CMDRS (CR)			
	004	1 34UVS, 07, SCAN, N, N, N, S, 0, ON, OFF, OFF, ON, OFF, NOOVR, 1, 00, 9C, 00, 00;			
	010	7 34UVS, C1, FIXED, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00;			
28	009+	UVFLUSH, PACKET, UVS			



Start UTC_TIME : 1997-128 // 02:30:05.176
End UTC_TIME : 1997-128 // 02:36:09.176
Start SCLK : 1/03945994:00:00:0
Delta Time between FOV : 45.00000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : EUROPA
Target Cone/Clock : 160.75 / 93.43 Deg
S/C to Body Center : 1365913. Km (872.78770 Re)
Z-axis Pointing (Ra / Dec) : 142.40 / 14.40 Deg