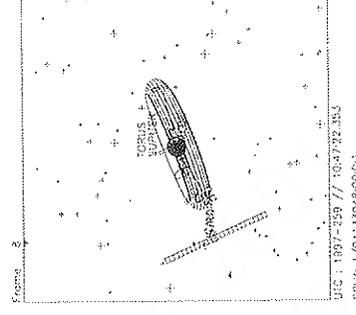
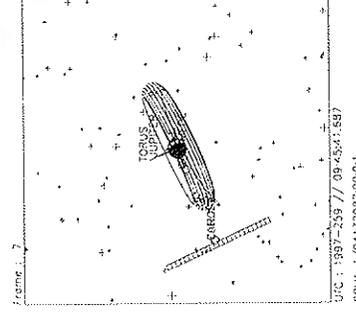
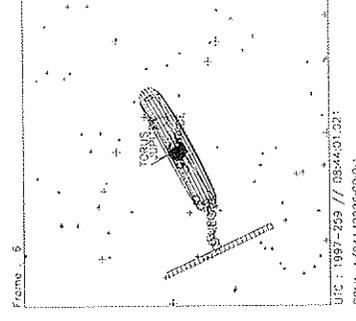
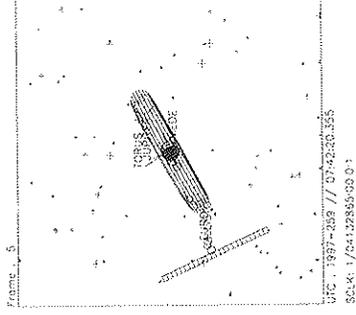
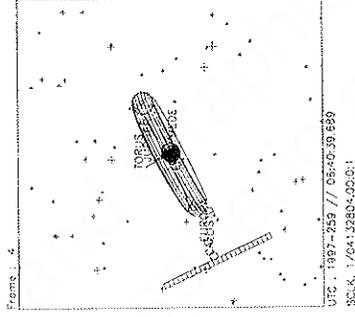
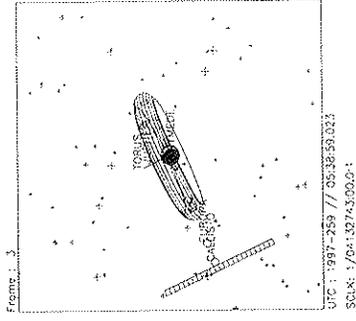
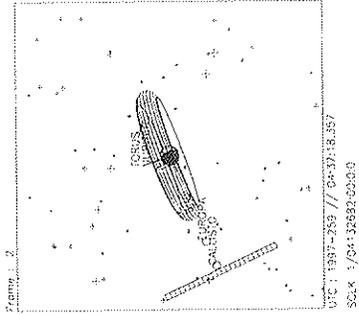
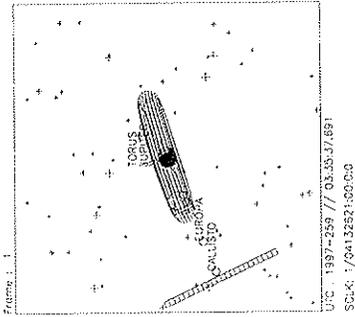
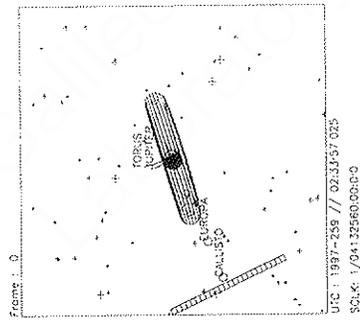


EUV POWER ON 1, C10 INBOUND

ACTIVITY ID: 10TVEUVON_01-

START TIME: 97-259/02:24:55.933

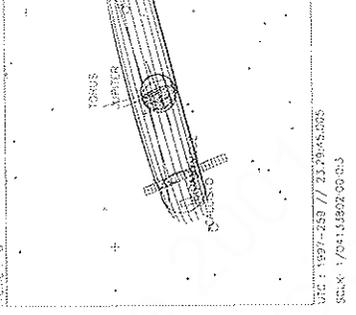
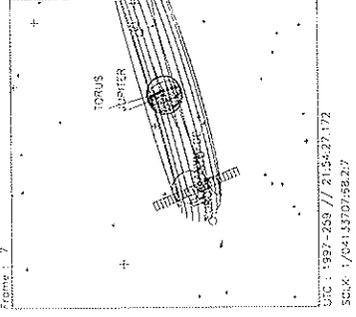
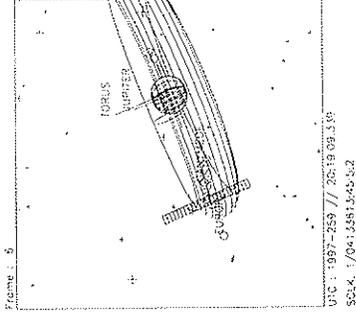
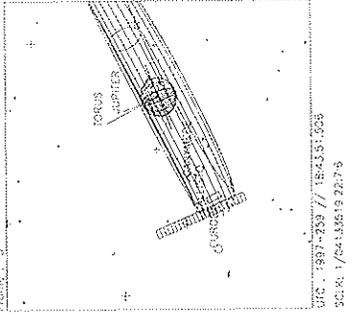
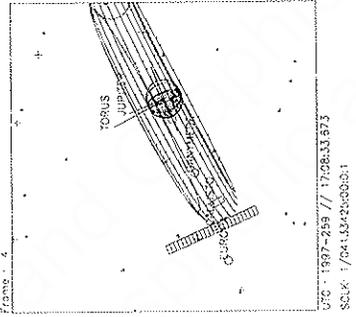
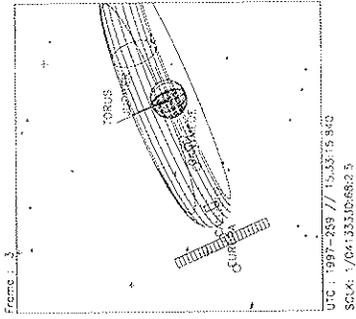
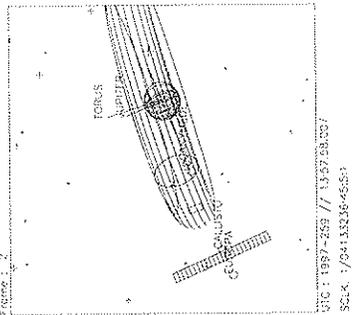
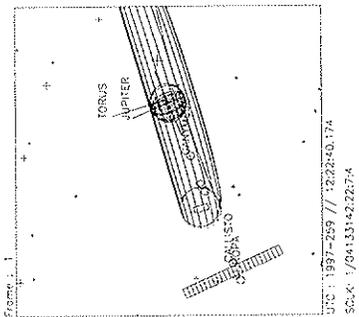
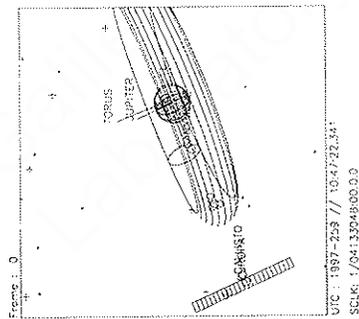
Activity ID: Orbit 10	OAPEL TVEUVON_	SeqNo 01-
Title	EUV POWER ON 1, C10 INBOUND	Instrument EUV
Requestor UVS-MWG/S.STEPHENS	Team UVS	Working Group MWG
Time System CDS	Load ID C10A	Calendar Date 09/16/97 Week 38
Start	JEE-CDS 00004080:00:0	97-259/02:24:55.933 JEE-002/20:45:20.000
End	JEE-CDS 00004070:00:0	97-259/02:35:02.600 JEE-002/20:35:13.333
Duration	00000010:00:0	000/00:10:06.667 000/00:10:06.667
Top Label	10TVEUVON_01-	
Bottom Label	EUV Power On	
Plot Key EUV	Type SCI	
CDS Bytes 1100	Report Options BOTH	Scan Platform No
CDS Source OAP	Spin State DUAL	DMS No
Observation Objective		
	EUV POWER ON 1, C10 INBOUND (GLL-Jup = 34.4 Rj):	
	Load CDS memory and start the microprocessor, using Phase 2 EUVON library sequence	
	Load torus Fixed Pattern Noise Table (FPNT), using Phase 2 EUVTOR library sequence	
	Configure EUV for taking data, using an EUVCMD PA	
Design Detail		
PSID	RIM:mf	CDS PA
384BA	0	0 COMMENT [UVS RIM 0]
	0	900 [LOAD PHASE 2 EUVON LIBRARY SEQUENCE]
	6	179 [LOAD PHASE 2 EUVTOR LIBRARY SEQUENCE]
351BA	8	21 EUVCMD [TARGET BODY TORUS]
	8	24EUV,C,3,5A,C,2,18 [STARTING STEP 90, 2 SCANS/SECTOR, 24 SECTORS]



Start UTC_TIME : 1997-259 // 02:33:37.025
No End Time :
Start SCLK : 1/04132560:00:0:0

Target Body : JUPITER
Target Ra/Dec : 200.06 / -9.95 Deg
S/C to Body Center : 2455387. Km (34.344874 Rj)
Z-axis Pointing (Ra / Dec) : 137.23 / 18.99 Deg

Activity ID: Orbit 10		OAPEL TVEUVGEN		SeqNo 01-	
Title		EUV CALLISTO CONFIGURE		Instrument EUV	
Requestor		UVS-SWG/S.STEPHENS 37740		Team UVS	
				Working Group SWG	
Time System CDS		Load ID C10A		Calendar Date 09/16/97	
				Week 38	
Start		JEE-CDS 00003586:00:0		97-259/10:44:25.267	
				JEE-002/12:25:50.666	
End		JEE-CDS 00003583:00:0		97-259/10:47:27.267	
				JEE-002/12:22:48.666	
Duration		00000003:00:0		000/00:03:02.000	
				000/00:03:02.000	
Top Label		10TVEUVGEN01-			
Bottom Label		EUV Callisto Configure			
Plot Key		EUV		Type SCI	
CDS Bytes		200		Report Options BOTH	
				Scan Platform No	
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: 200px; height: 150px; margin-right: 20px;"></div> <div> <p>EUV CALLISTO CONFIGURE, C10 INBOUND (GLL-Jup = 31.4 Rj): Load general Fixed Pattern Noise Table (FPNT), using Phase 2 EUVGEN library sequence Configure EUV for taking data, using an EUVCMD PA</p> </div> </div>					
Design Detail					
PSID	RIM:mf	CDS	PA		
384BC	0	0		COMMENT [UVS RIM 0]	
	0	179		[LOAD PHASE 2 EUVGEN LIBRARY SEQUENCE]	
351BB	2	21		EUVCMD [TARGET BODY CALLISTO]	
	2			24EUV,C,3,5D,C,1,18 [STARTING STEP 93, 1 SCAN/SECTOR, 24 SECTORS]	

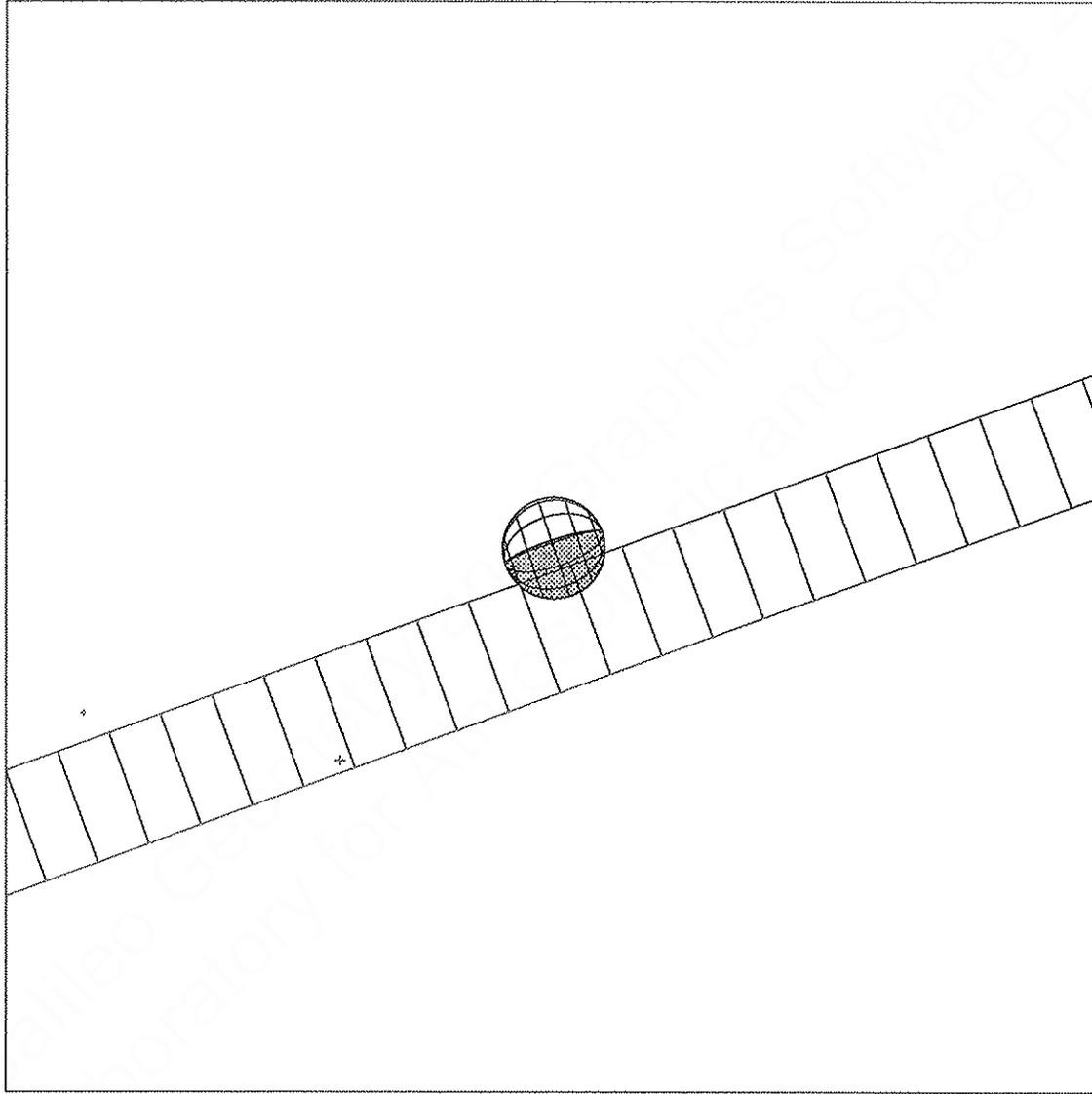


Start UTC TIME : 1997-259 // 10:47:22.34
 No End Time :
 Start SCLK : 1/04133048:00:0:0

Target Body : JUPITER
 Target Ra/Dec : 205.93 / -11.58 Deg
 S/C to Body Center : 2241732. Km (31.358406 Rj)
 Z-axis Pointing (Ra / Dec) : 157.38 / 18.91 Deg

Activity ID:	Orbit 10	OAPEL	CVSPNSCN	SeqNo	01-
Title	EUV CALLISTO SPIN SCAN, C10 INBOUND			Instrument	EUV
Requestor	UVS-SWG/S.STEPHENS 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	C10A	Calendar Date	09/16/97
		Week			38
Start	JEE-CDS 00003583:00:0		97-259/10:47:27.267		JEE-002/12:22:48.666
End	JEE-CDS 00002832:00:0		97-259/23:26:47.933		JEE-001/23:43:28.000
Duration	00000751:00:0		000/12:39:20.666		000/12:39:20.666
Top Label	10CVSPNSCN01-				
Bottom Label	EUV RTS Callisto				
Plot Key	EUV	Type	SCI		
CDS Bytes	560	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
	EUV CALLISTO SPIN SCAN 1, C10 INBOUND (GLL-Jup = 29.0 Rj):				
	From: dark limb of Callisto				
	To: bright limb of Callisto				
	UVFLUSH STRATEGY (17,712 bits per EUV PACKET; data rate 4.87 bps EUV, then 9.73 bps EUV):				
	EUV deselected; 60- and 30-RIM UVFLUSHes needed to PACKET EUV after initial DISCRD				
	Total bits: 19 EUV UVFLUSH PACKETS = 0.337 MB EUV				
WAVELENGTHS (Angstroms):					
Emission lines: EUV (S++ ,685, S+ 765, O+ 834, H 1216)					
Design Detail					
PSID	RIM:mf	CDS	PA		
384BD	0	0	COMMENT [UVS RIM 0]		
349BJ	0:69	28	UVFLUSH [6UVRT, DISCRD, EUV]		
349BK	59:69	168	UVFLUSH (28*6) [6UVRT, PACKET, EUV]		
...BP			... [REPEAT 5 ADDITIONAL TIMES, EVERY 60 RIMs]		
349BQ	389:69		UVFLUSH (28*12) [6UVRT, PACKET, EUV]		
...MB			... [REPEAT 11 ADDITIONAL TIMES, EVERY 30 RIMs]		
349MC	749:69	28	UVFLUSH [6UVRT, PACKET, EUV]		

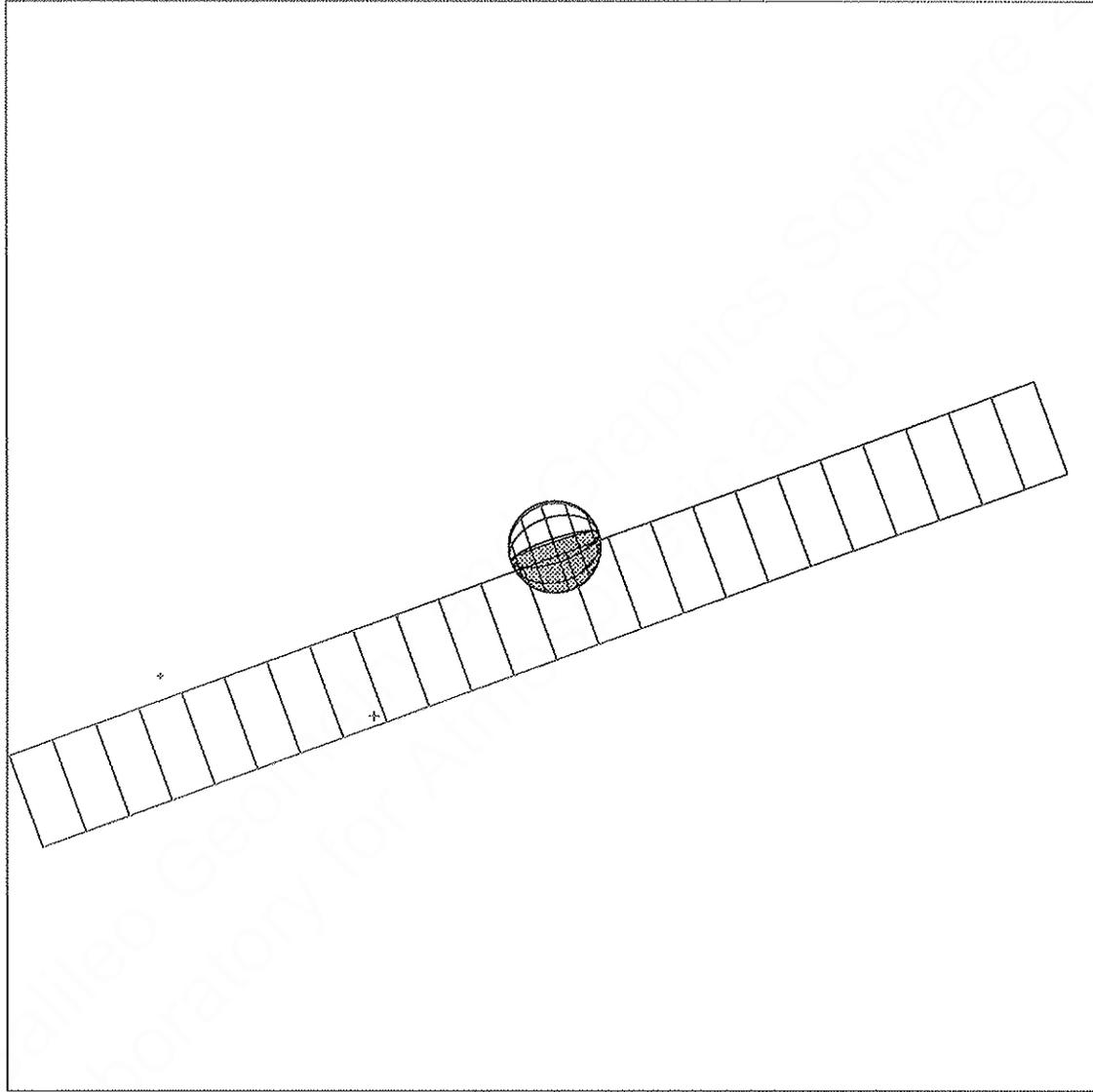
Fri Aug 8 21:37:39 1997



Start UTC_TIME : 1997-259 // 11:48:03.191
No End Time :
Start SCLK : 1/04133108:00:0:0
Target Body : CALLISTO
Target Cone/Clock : 89.40 / 95.41 Deg
S/C to Body Center : 361235.0 Km (150.32669 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

start Tue

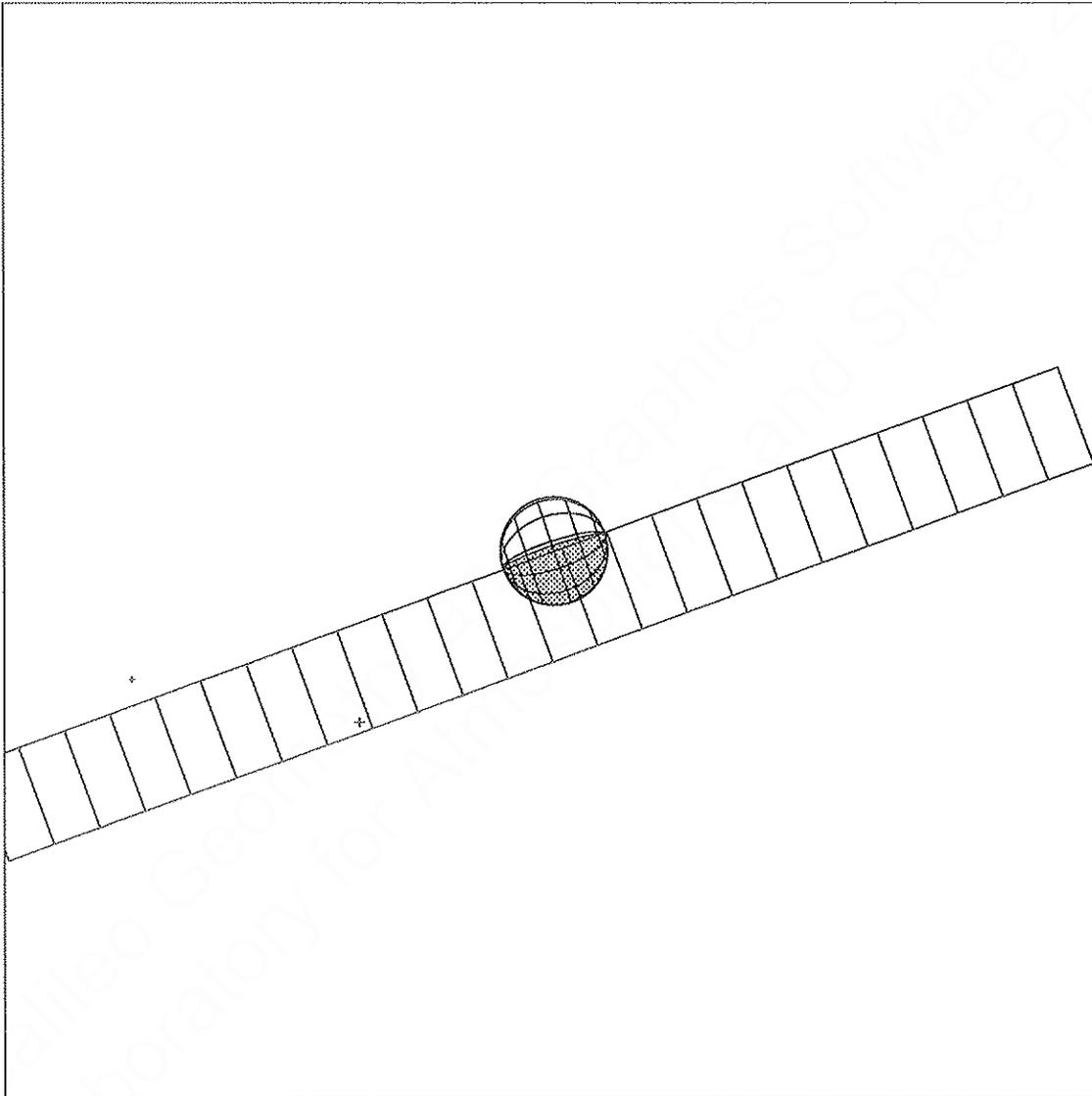
Fri Aug 8 21:39:06 1997



Start UTC_TIME : 1997-259 // 12:48:43.188
No End Time :
Start SCLK : 1/04133168:00:00

Target Body : CALLISTO
Target Cone/Clock : 89.48 / 95.40 Deg
S/C to Body Center : 331582.6 Km (137.98695 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

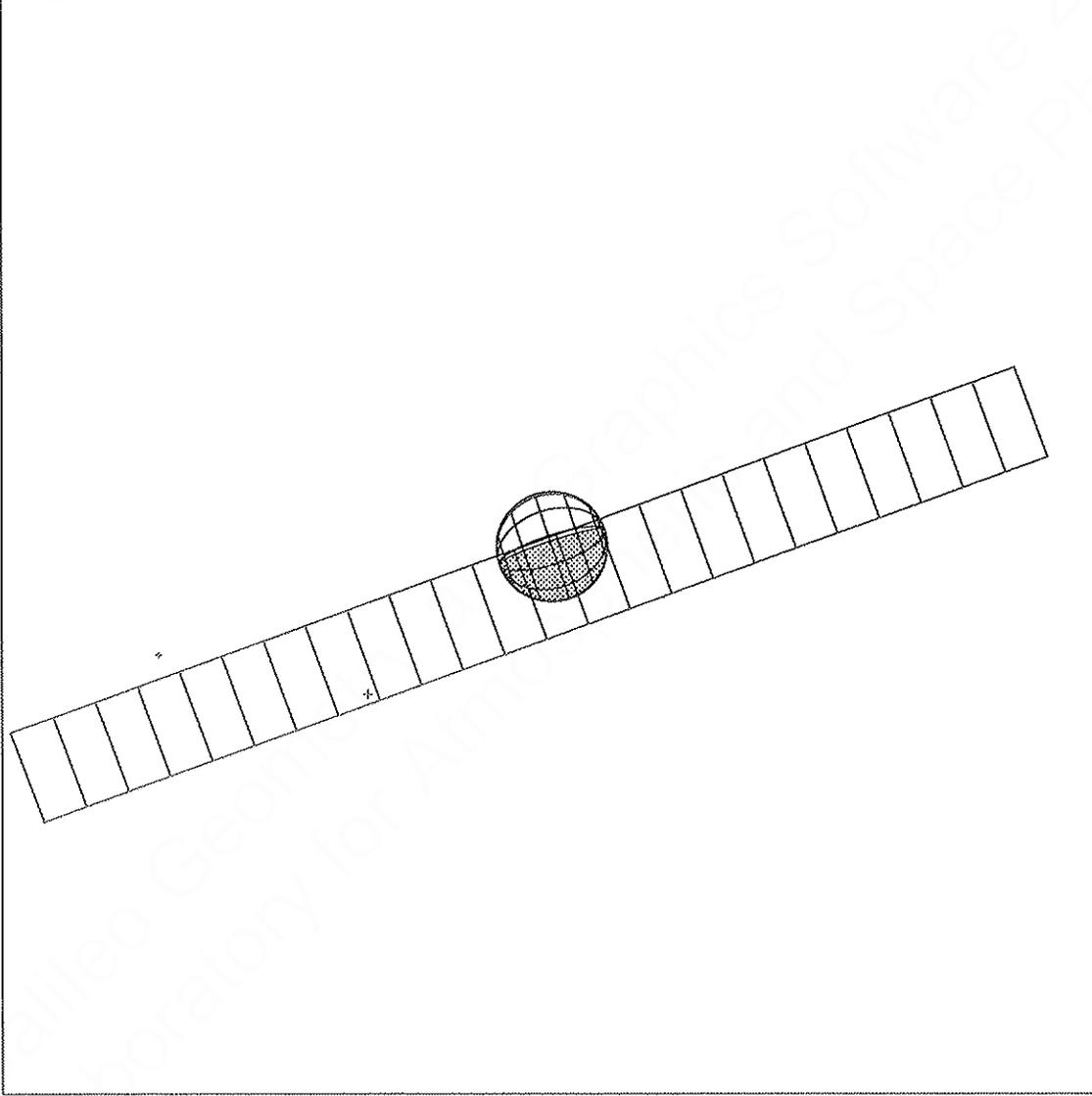
Fri Aug 8 21:40:06 1997



Start UTC_TIME : 1997-259 // 13:49:23.186
No End Time :
Start SCLK : 1/04133228:00:00

Target Body : CALLISTO
Target Cone/Clock : 89.56 / 95.40 Deg
S/C to Body Center : 302047.0 Km (125.69579 Rc)
Z-axis Pointing (Ro / Dec) : 137.25 / 19.00 Deg

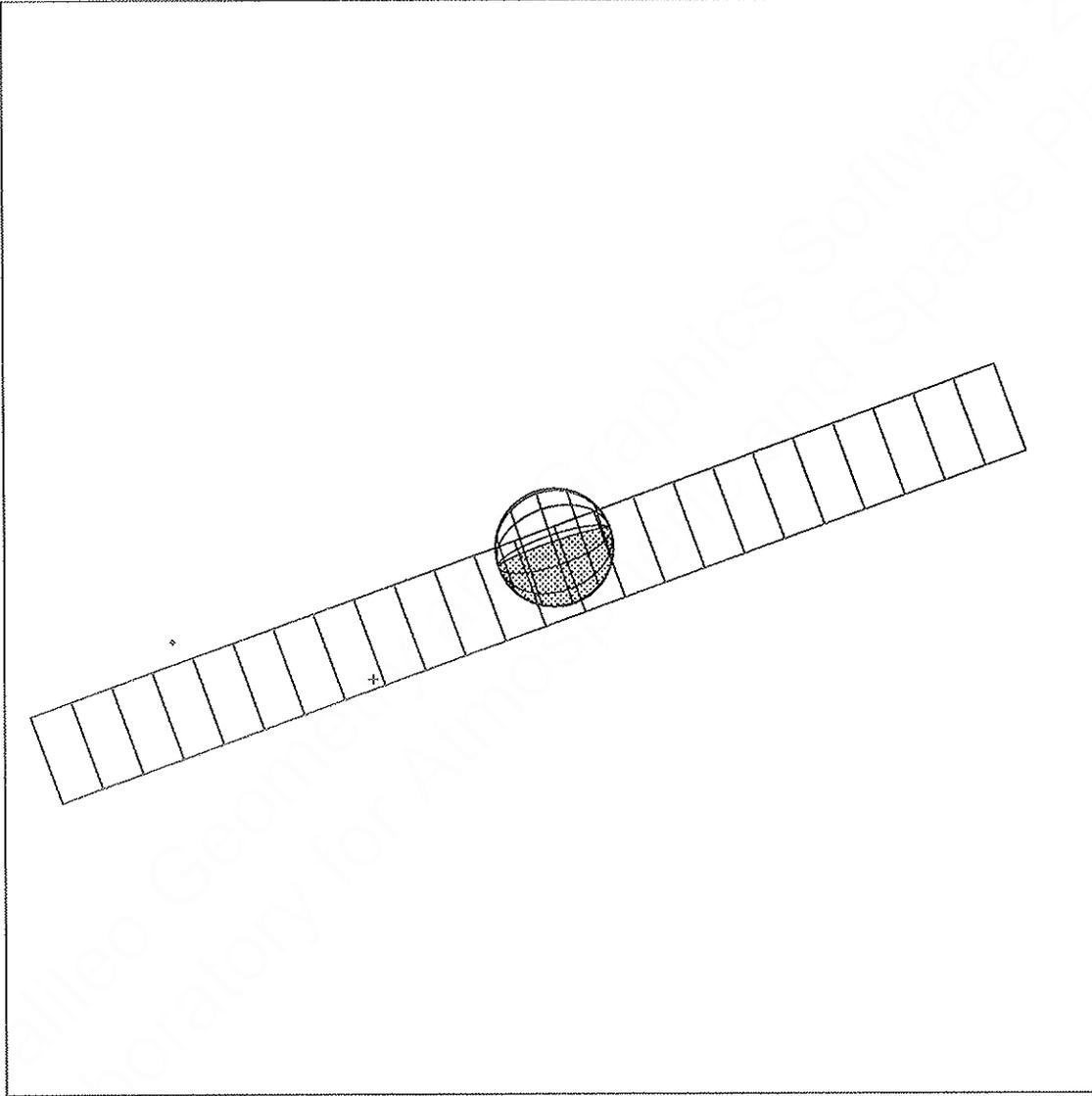
Fri Aug 8 21:41:11 1997



Start UTC_TIME : 1997-259 // 14:50:03.184
No End Time :
Start SCLK : 1/04133288:00:00

Target Body : CALLISTO
Target Cone/Clock : 89.66 / 95.40 Deg
S/C to Body Center : 272620.6 Km (113.45012 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

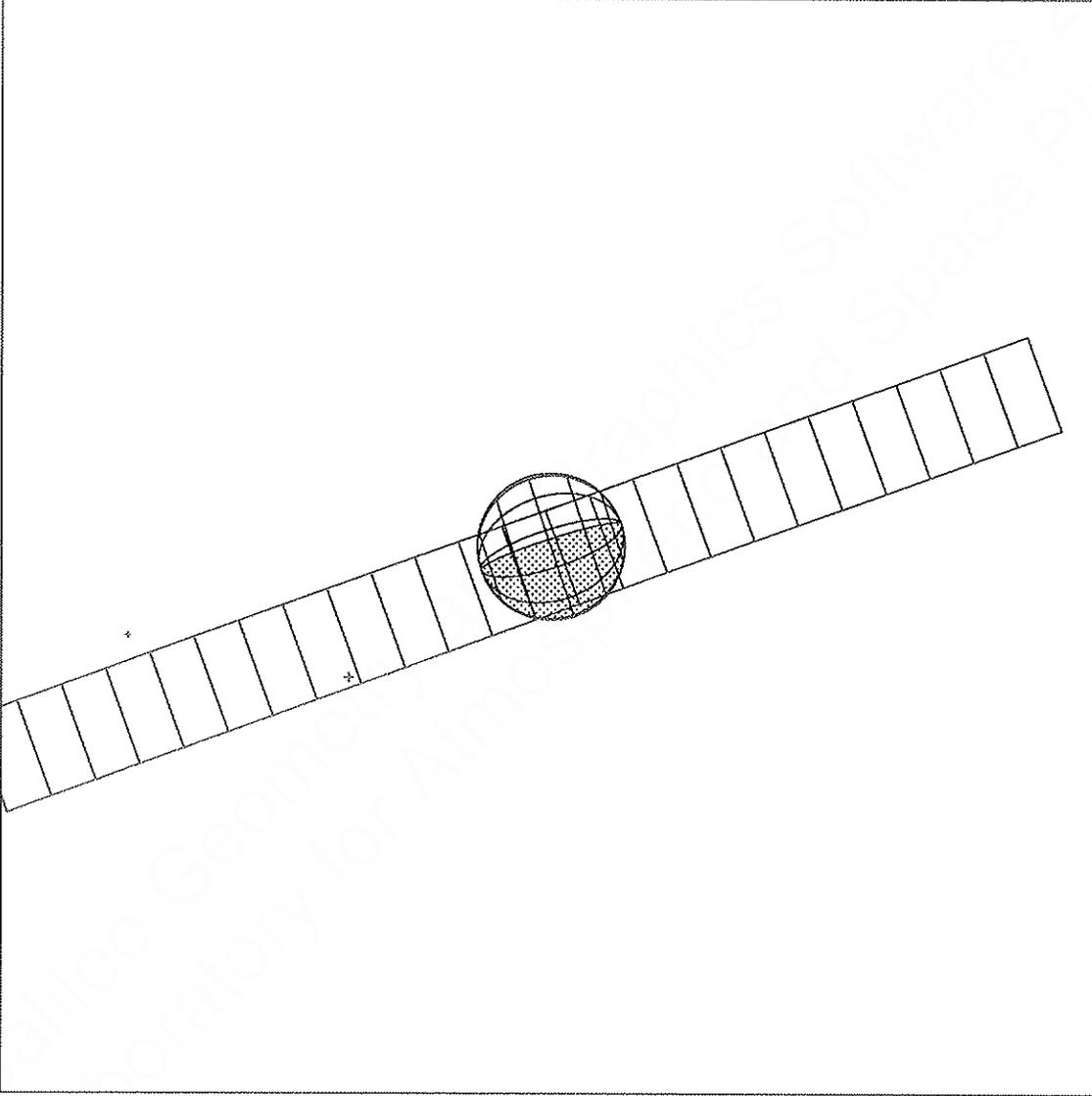
Fri Aug 8 21:42:58 1997



Start UTC_TIME : 1997-259 // 15:50:43.182
No End Time :
Start SCLK : 1/04133348:00:0:0

Target Body : CALLISTO
Target Cone/Clock : 89.76 / 95.40 Deg
S/C to Body Center : 243295.8 Km (101.24667 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

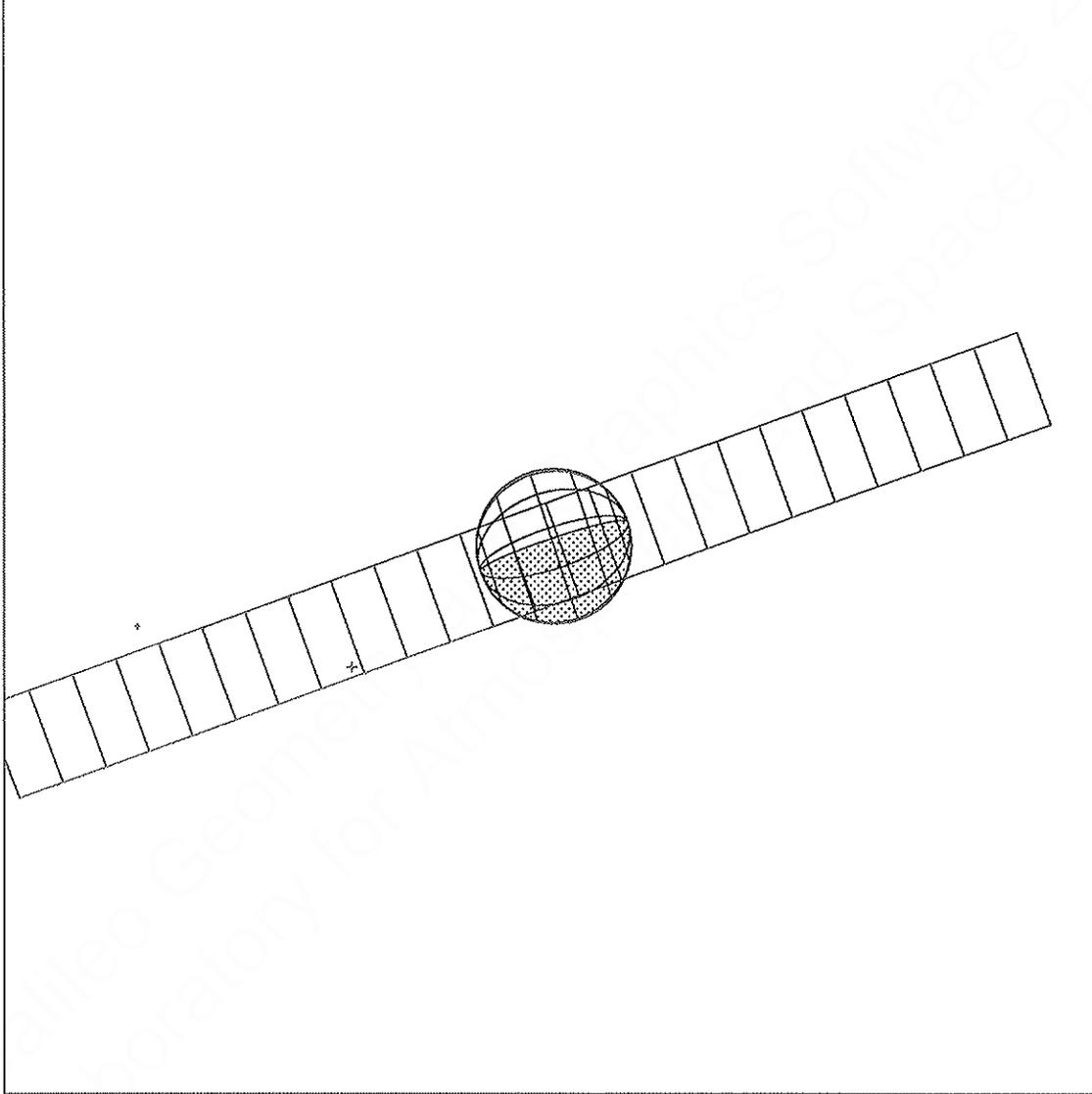
Fri Aug 8 21:44:08 1997



Start UTC_TIME : 1997-259 // 16:51:23.180
No End Time :
Start SCLK : 1/04:133408:00:0:0

Target Body : CALLISTO
Target Cone/Clock : 89.88 / 95.40 Deg
S/C to Body Center : 214063.8 Km (89.081899 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

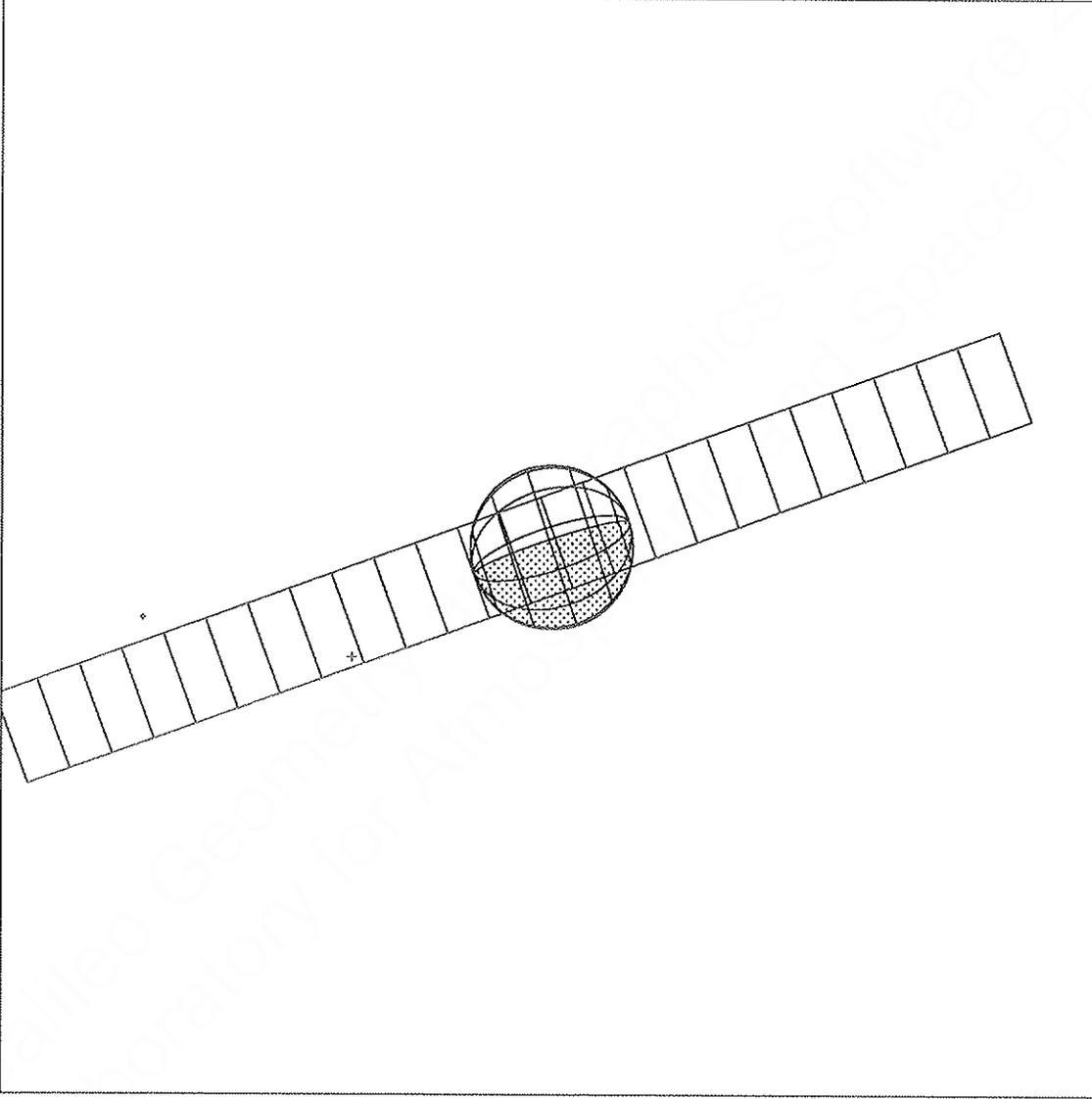
Fri Aug 8 21:45:46 1997



Start UTC_TIME : 1997-259 // 17:21:43.176
No End Time :
Start SCLK : 1/04133438:00:00

Target Body : CALLISTO
Target Cone/Clock : 89.95/ 95.59 Deg
S/C to Body Center : 199479.9 Km (83,012845 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

Fri Aug 8 21:47:09 1997



Start UTC_TIME : 1997-259 // 17:52:03.177

No End Time :

Start SCLK : 1/04153468:00:0:0

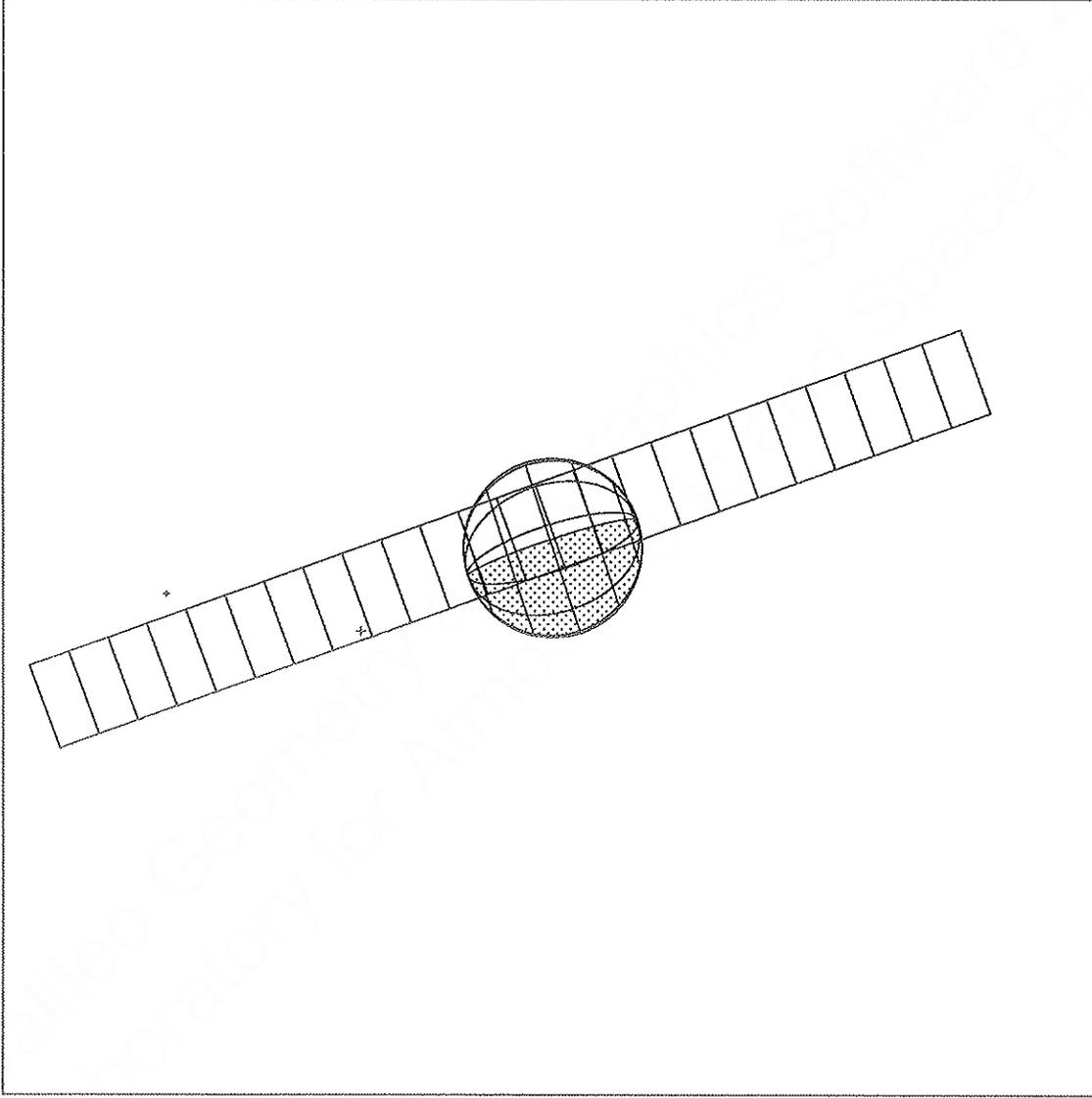
Target Body : CALLISTO

Target Cone/Clock : 90.03 / 95.39 Deg

S/C to Body Center : 184915.7 Km (76.952022 Rc)

Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

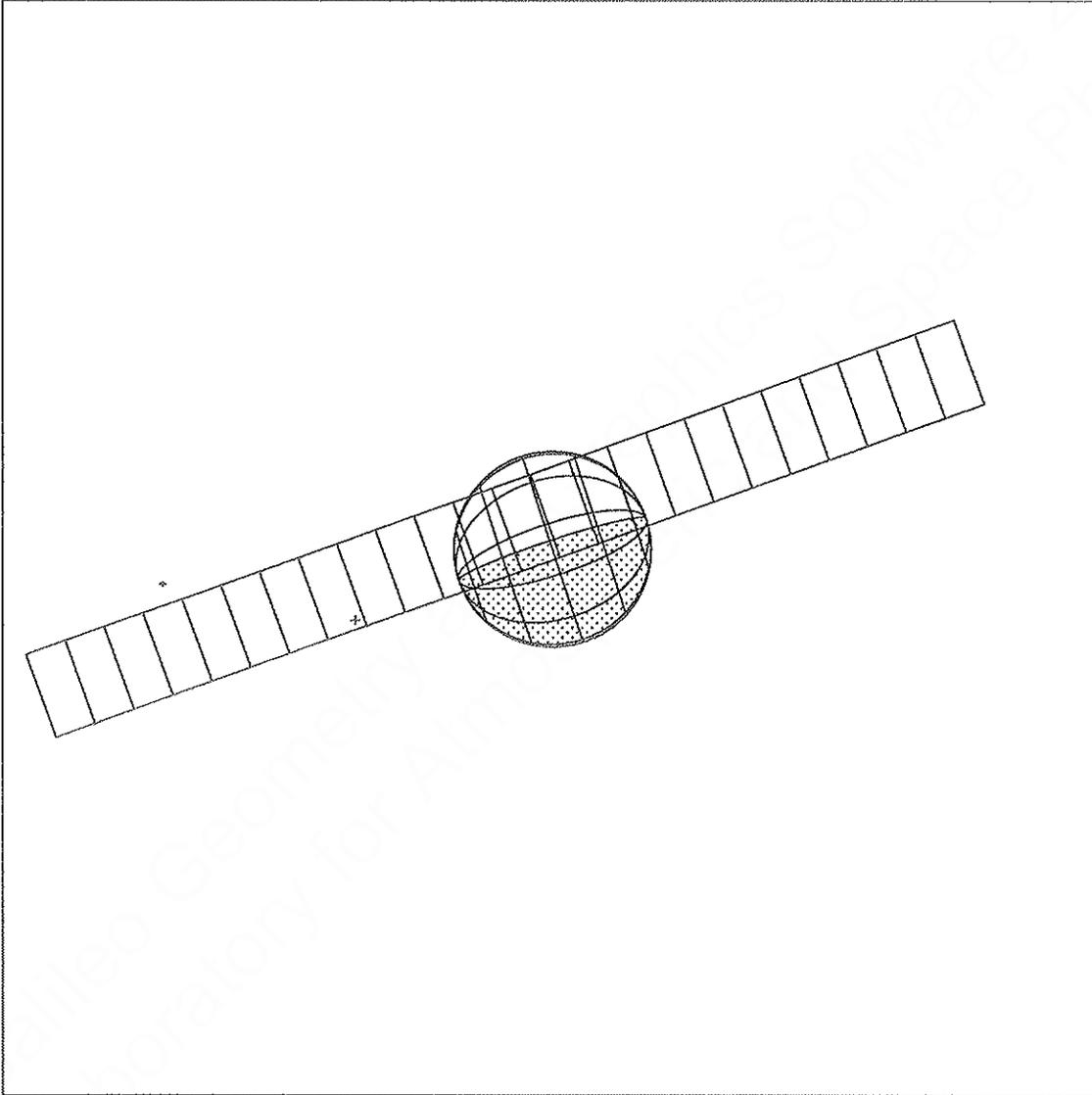
Fri Aug 8 21:50:06 1997



Start UTC_TIME : 1997-259 // 18:52:43.175
No End Time :
Start SCLK : 1/04133528:00:00

Target Body : CALLISTO
Target Cone/Clock : 90.22/ 95.38 Deg
S/C to Body Center : 155841.7 Km (64.852994 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

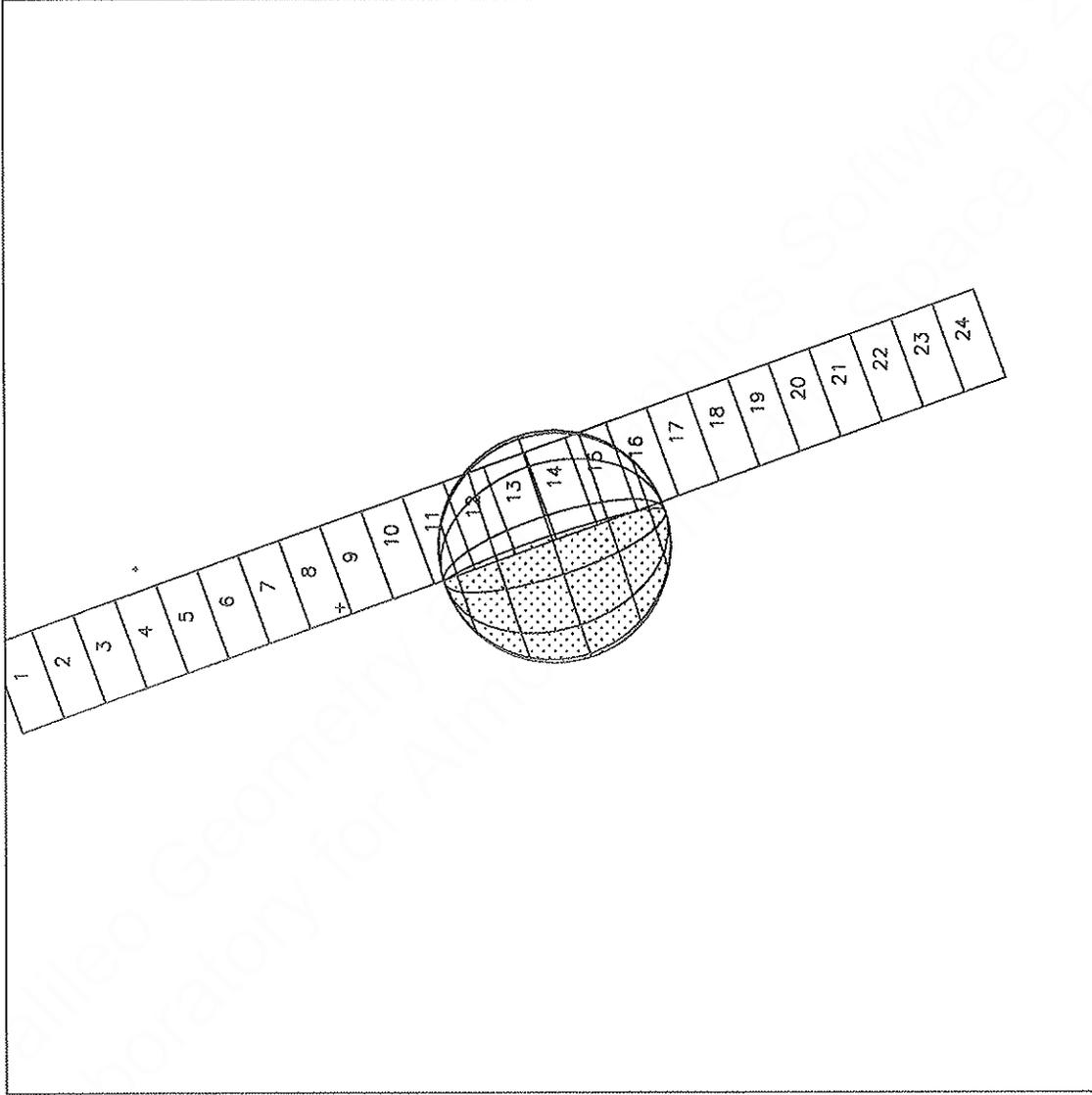
Fri Aug 8 21:51:08 1997



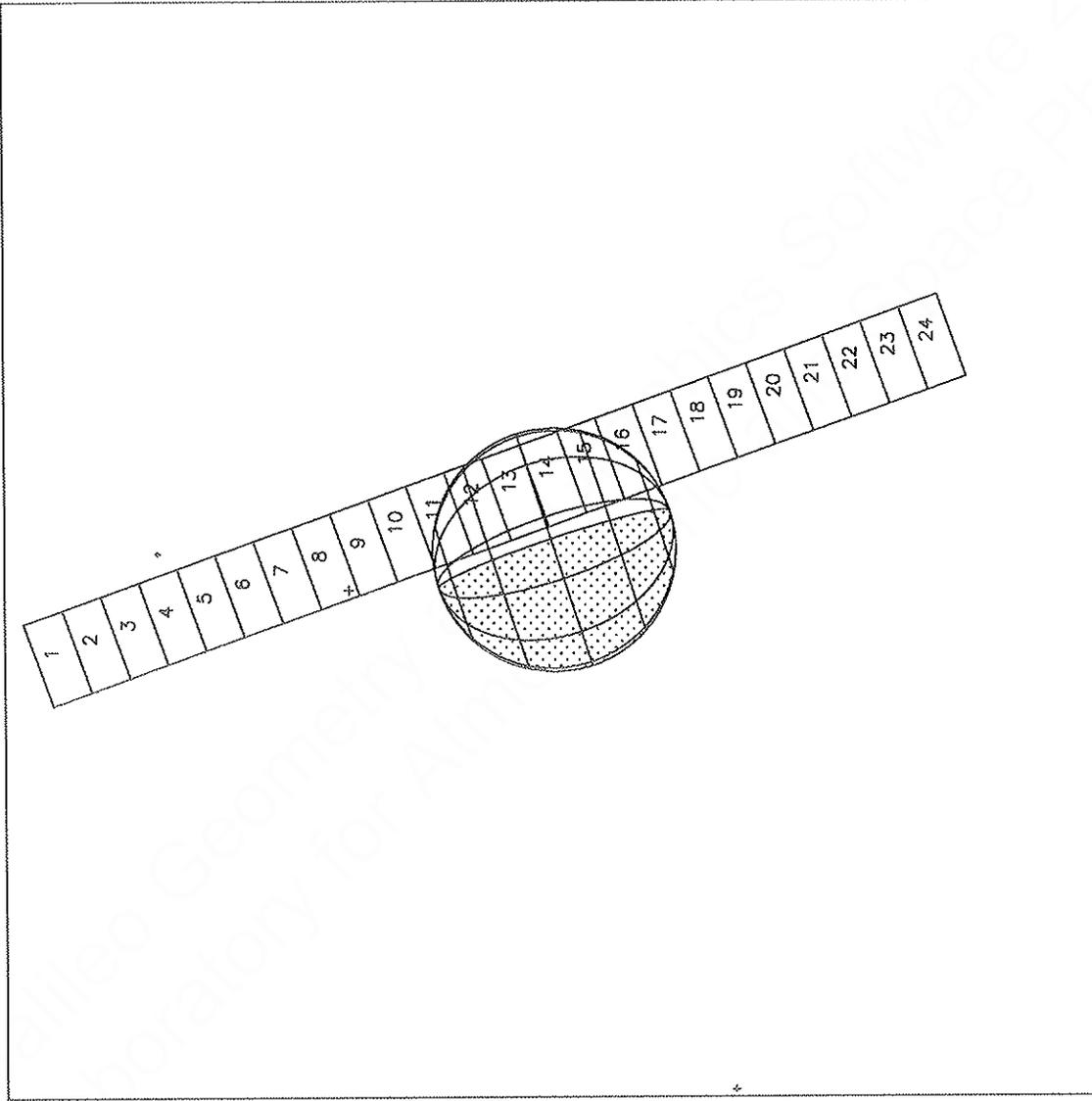
Start UTC_TIME : 1997-259 // 19:23:03.174
No End Time :
Start SCLK : 1/04133558:00:0:0

Target Body : CALLISTO
Target Cone/Clock : 90.34 / 95.38 Deg
S/C to Body Center : 141329.3 Km (58.813709 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

Fri Aug 8 21:52:24 1997



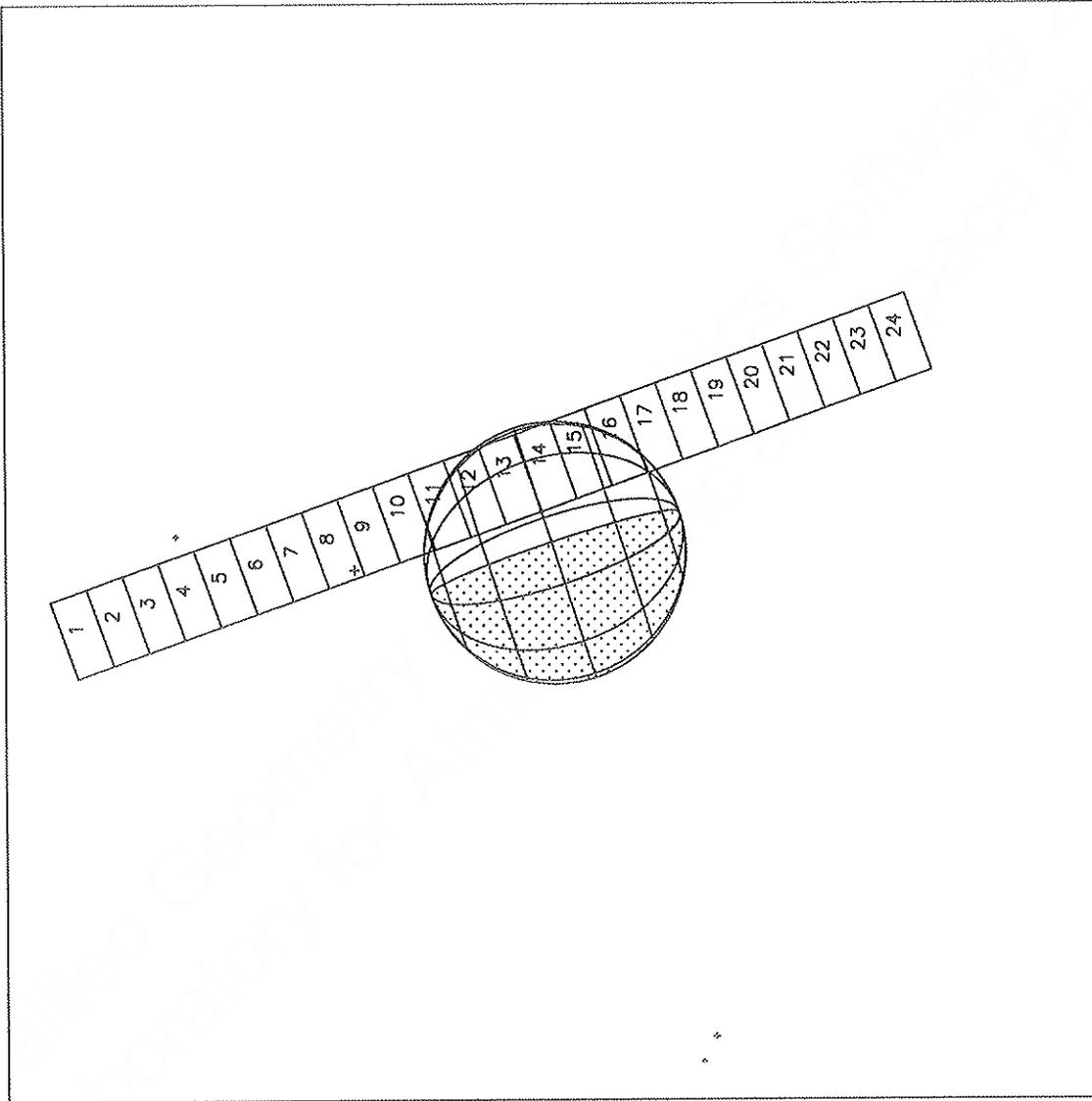
Fri Aug 8 21:53:22 1997



Start UTC_TIME : 1997-259 // 20:23:43.172
No End Time :
Start SCLK : 1/04133618:00:0:0

Target Body : CALLISTO
Target Cone/Clock : 90.67 / 95.36 Deg
S/C to Body Center : 112346.9 Km (46.752784 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

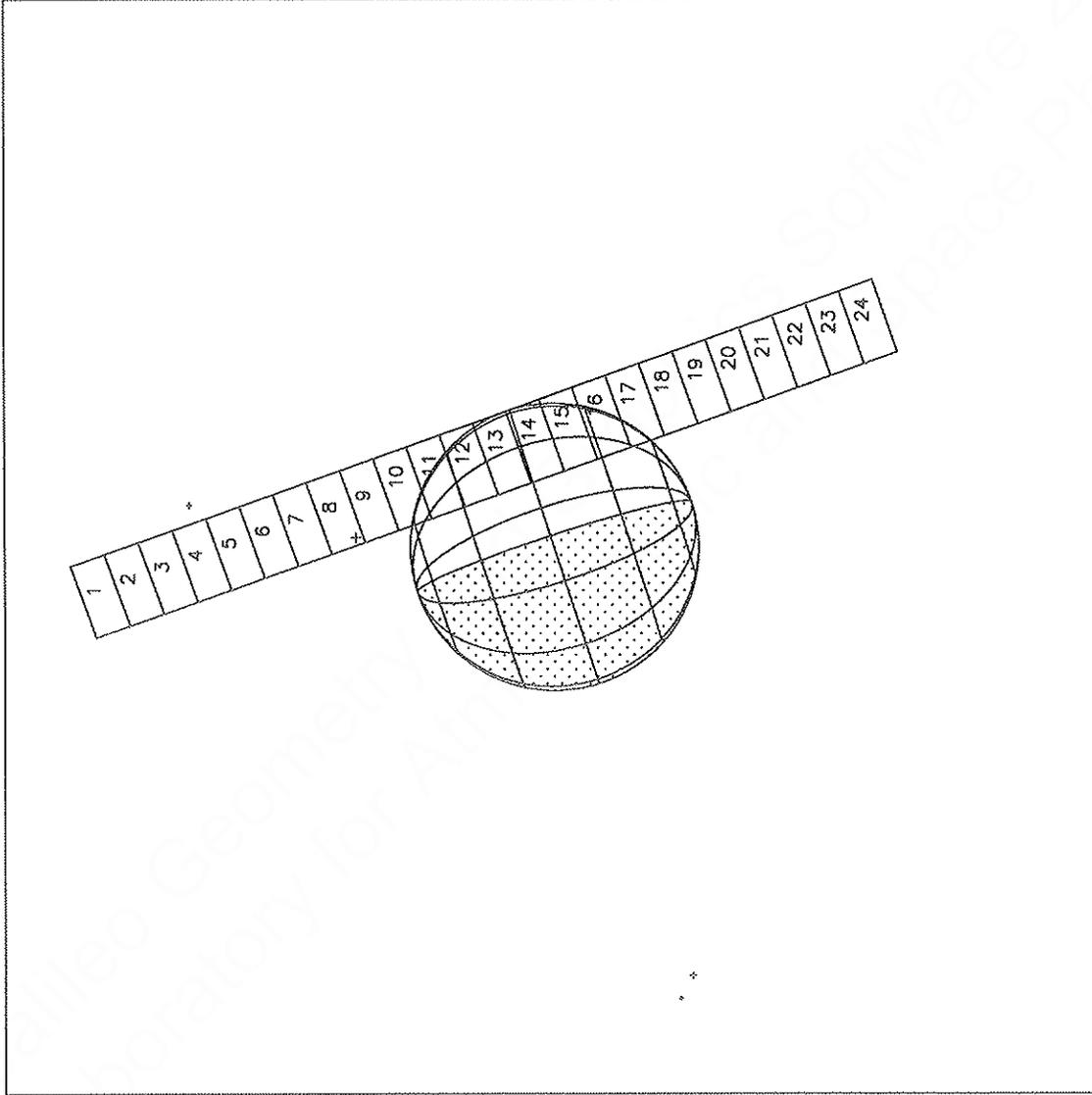
Fri Aug 8 21:54:23 1997



Start UTC_TIME : 1997-259 // 20:54:03.171
No End Time :
Start SCLK : 1/04133648:00:0:0

Target Body : CALLISTO
Target Cone/Clock : 90.90 / 95.35 Deg
S/C to Body Center : 97874.17 Km (40.729991 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

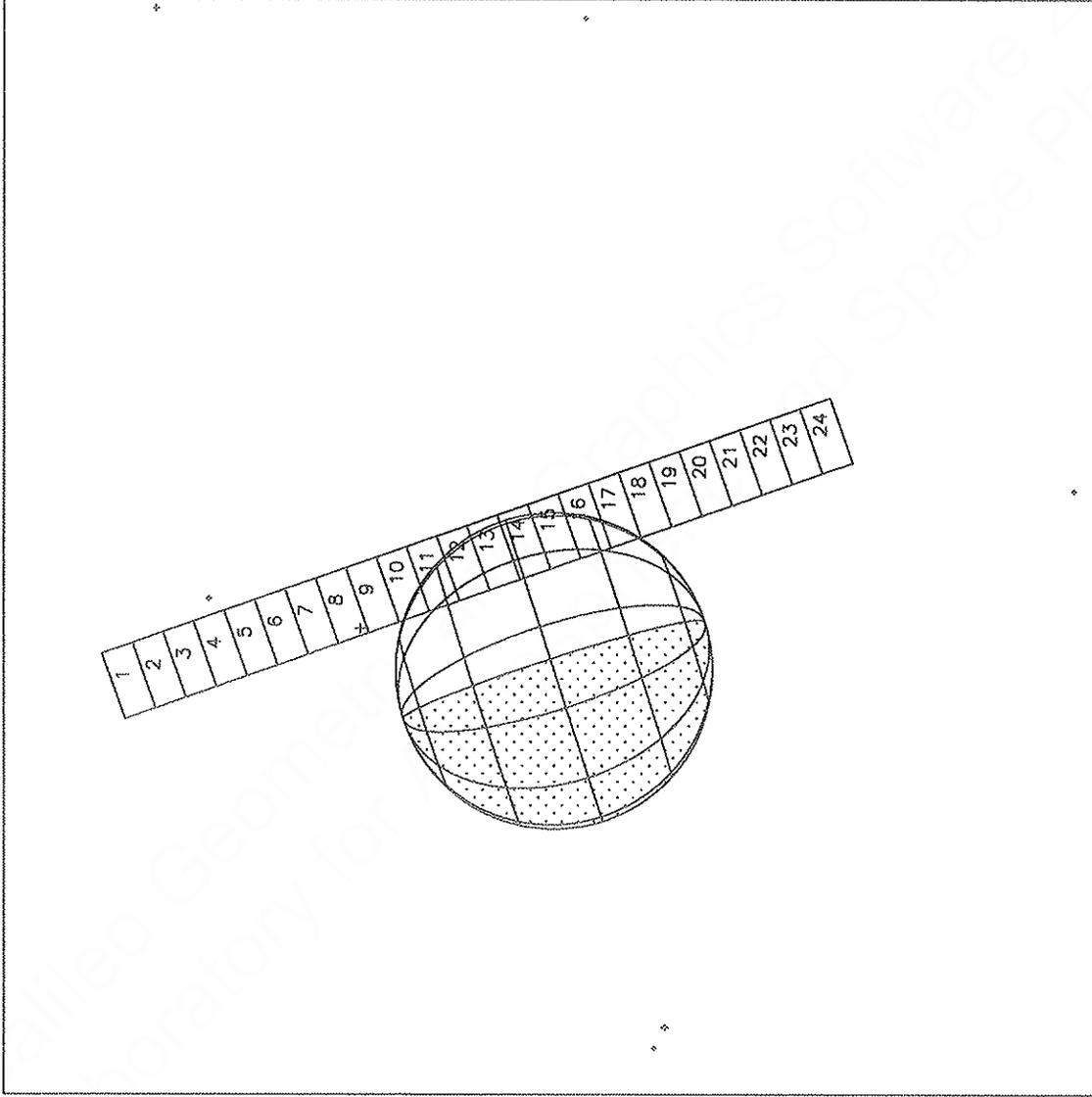
Fri Aug 8 21:55:20 1997



Start UTC_TIME : 1997-259 // 21:24:23.169
No End Time :
Start SCLK : 1/04133678:00:0:0

Target Body : CALLISTO
Target Cone/Clock : 91.22/ 95.33 Deg
S/C to Body Center : 83411.89 Km (34.711565 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

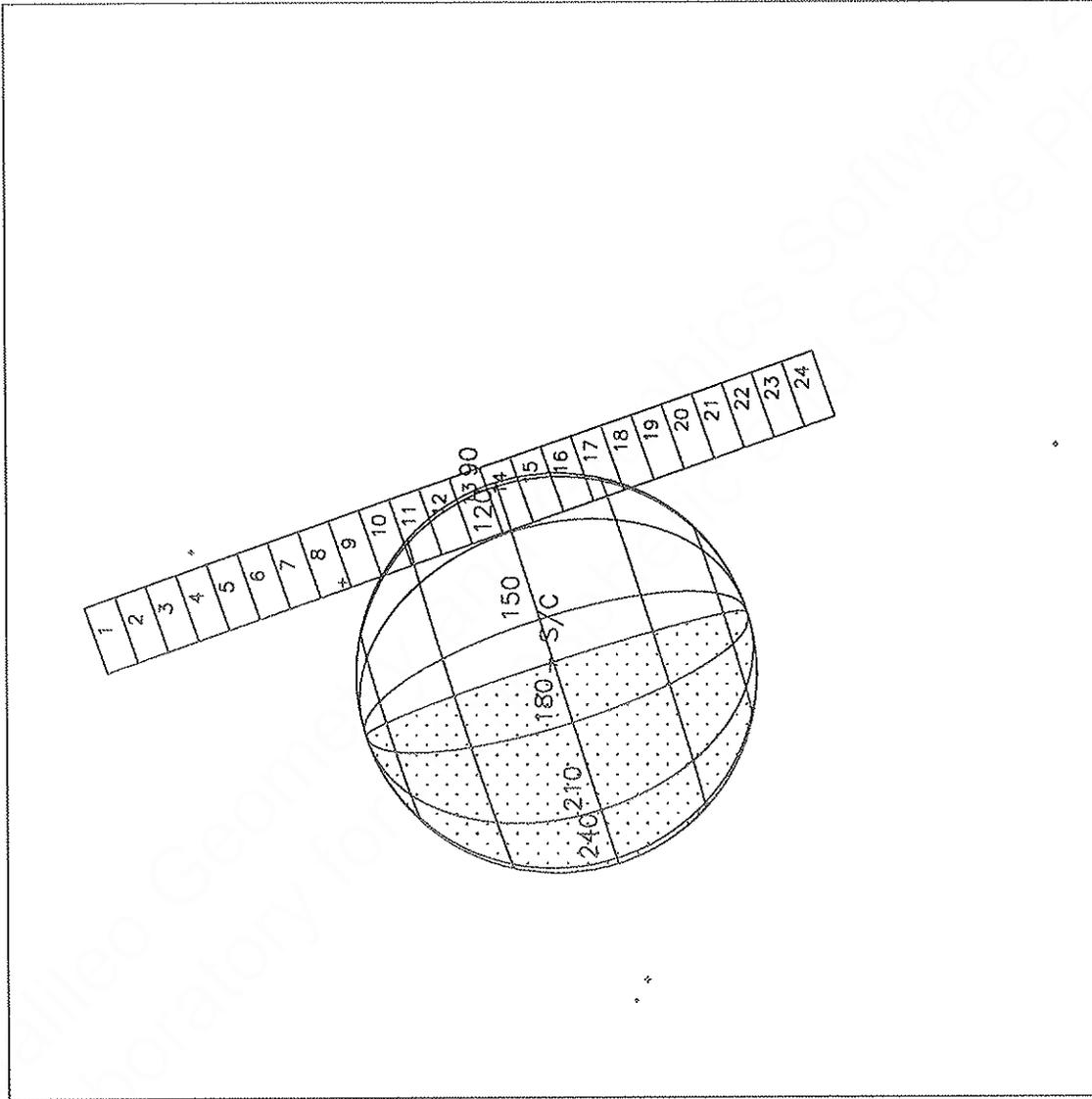
Fri Aug 8 21:56:23 1997



Start UTC_TIME : 1997-259 // 21:54:43.168
No End Time :
Start SCLK : 1/04133708:00:00

Target Body : CALLISTO
Target Cone/Clock : 91.66 / 95.31 Deg
S/C to Body Center : 68958.98 Km (28.697036 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

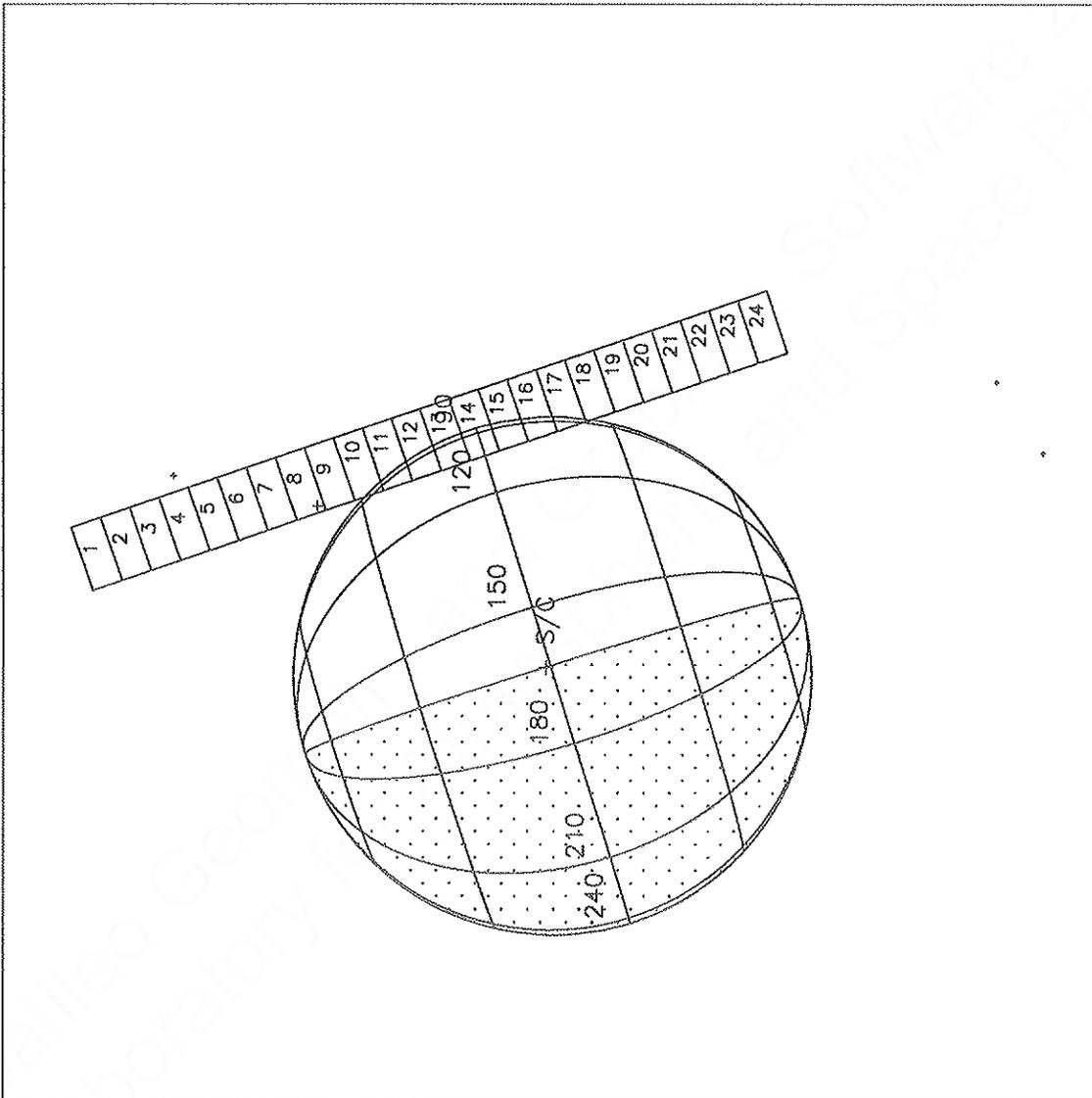
Fri Aug 8 21:57:23 1997



Start UTC_TIME : 1997-259 // 22:25:03.167
No End Time :
Start SCLK : 1/04133738:00:0:0

Target Body : CALLISTO
Target Cone/Clock : 92.33 / 95.28 Deg
S/C to Body Center : 54514.98 Km (22.686219 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

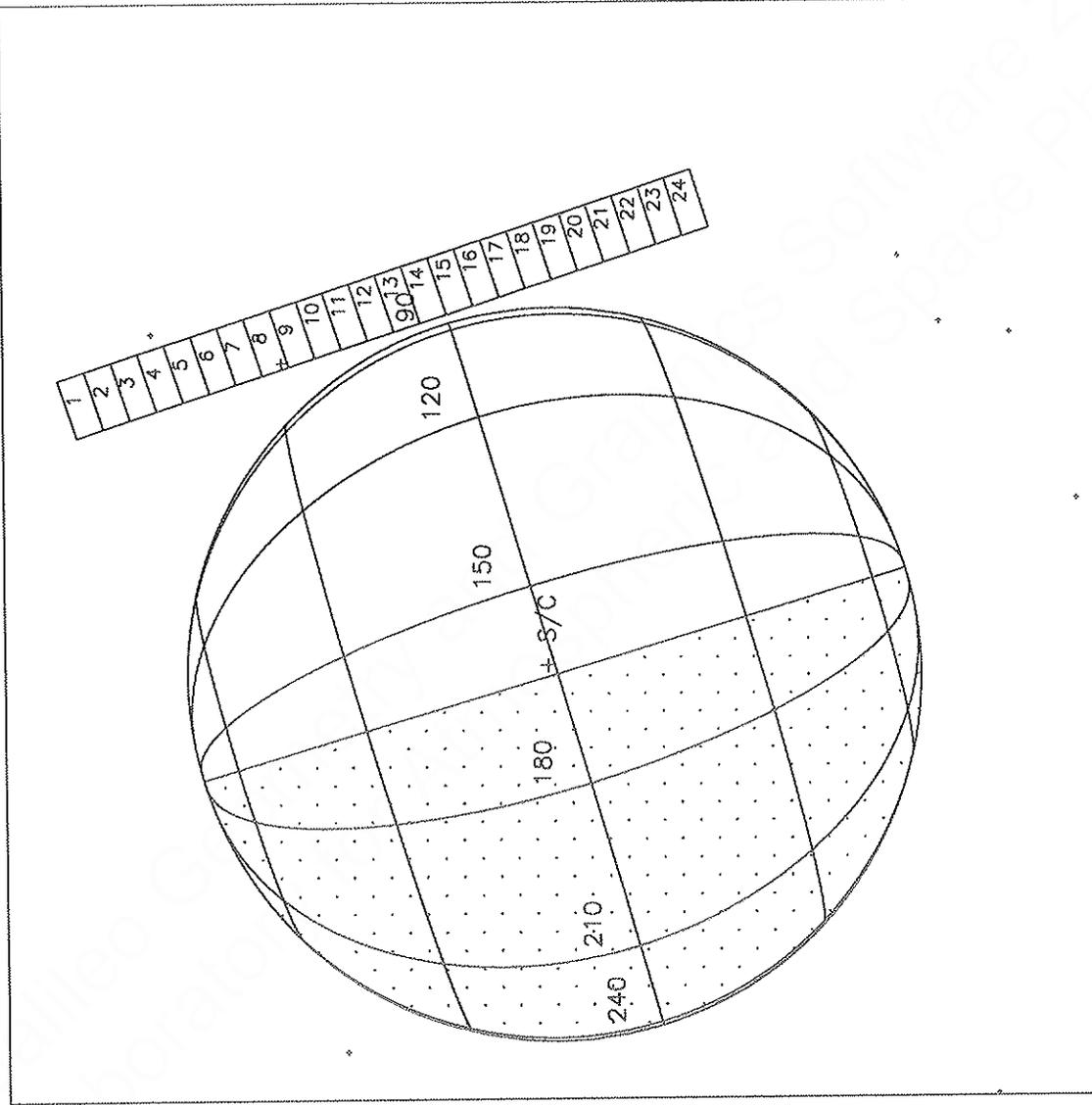
Fri Aug 8 21:58:40 1997



Start UTC_TIME : 1997-259 // 22:55:23.166
No End Time :
Start SCLK : 1/04133768:00:0:0

Target Body : CALLISTO
Target Cone/Clock : 93.48 / 95.22 Deg
S/C to Body Center : 40081.80 Km (16.679902 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

Fri Aug 8 21:59:45 1997



Start UTC_TIME : 1997-259 // 23:25:43.165
No End Time :
Start SCLK : 1/04133798:00:0:0

Target Body : CALLISTO
Target Cone/Clock : 95.93 / 95.10 Deg
S/C to Body Center : 25671.87 Km (10.683259 Rc)
Z-axis Pointing (Ra / Dec) : 137.25 / 19.00 Deg

EUV POWER OFF 1, C10 INBOUND

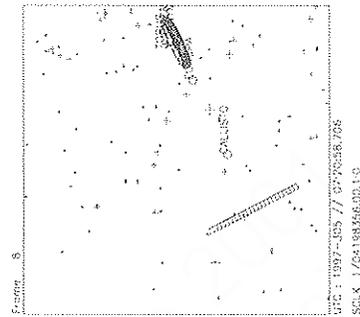
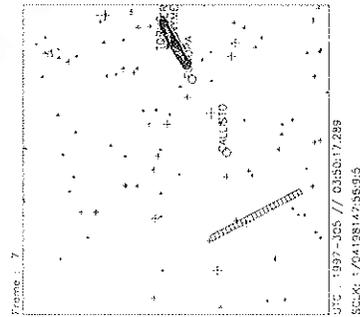
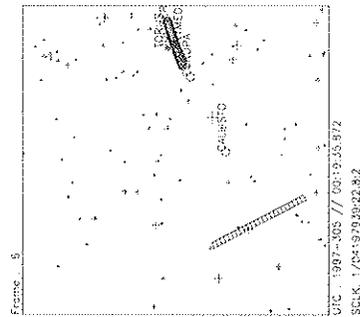
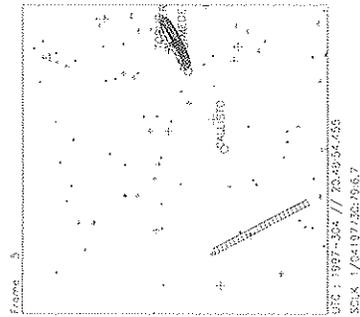
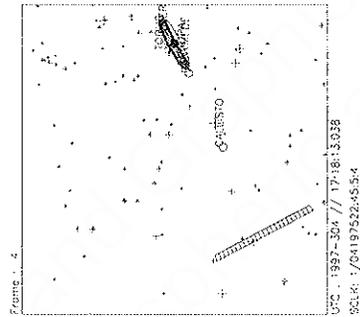
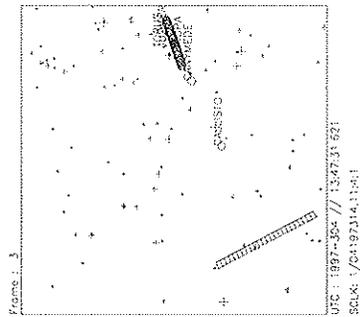
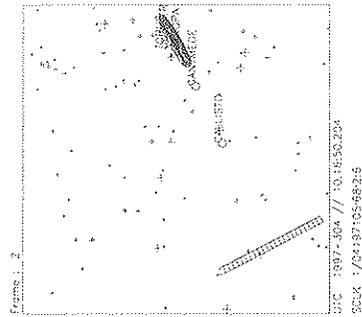
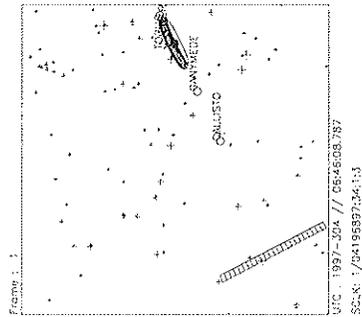
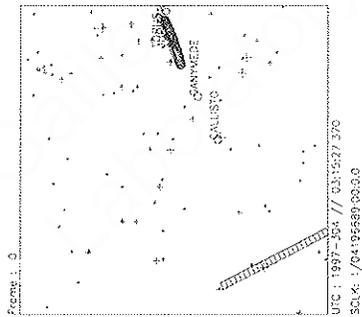
ACTIVITY ID: 10TVEUVOFF01-

START TIME: 97-259/23:26:47.933

Activity ID: Orbit 10	OAPEL TVEUVOFF	SeqNo 01-
Title	EUV POWER OFF 1, C10 INBOUND	Instrument EUV
Requestor	UVS-MWG/S.STEPHENS	Team UVS Working Group MWG
Time System CDS	Load ID C10A	Calendar Date 09/16/97 Week 38
Start	JEE-CDS 00002832:00:0	97-259/23:26:47.933 JEE-001/23:43:28.000
End	JEE-CDS 00002822:00:0	97-259/23:36:54.600 JEE-001/23:33:21.333
Duration	00000010:00:0	000/00:10:06.667 000/00:10:06.667
Top Label	10TVEUVOFF01-	
Bottom Label	EUV Power Off	
Plot Key	EUV	Type SCI
CDS Bytes	180	Report Options BOTH Scan Platform No
CDS Source	OAP	SpIn State DUAL DMS No
Observation Objective		
	EUV POWER OFF 1, C10 INBOUND (GLL-Jup = 26.5 Rj):	
	Turn EUV off after end of EUV observations in C10A, using Phase 2 EUVOFF library sequence, before Callisto C/A when HIC will use the shared HIC/EUV bus	
Design Detail		
PSID	RIM:mf	CDS PA
384BE	0	0 COMMENT [UVS RIM 0]
	2	180 [LOAD PHASE 2 EUVOFF LIBRARY SEQUENCE]

Activity ID: Orbit 10		OAPEL TVEUVON_		SeqNo 02-	
Title		EUV POWER ON, E11 INBOUND		Instrument EUV	
Requestor		UVS-MWG/S.STEPHENS		Team UVS	
				Working Group MWG	
Time System	CDS	Load ID	C10B	Calendar Date	10/31/97
				Week	44
Start	JEE+CDS 00060049:00:0		97-304/03:06:28.599		JEE+042/03:56:12.666
End	JEE+CDS 00060059:00:0		97-304/03:16:35.266		JEE+042/04:06:19.333
Duration	00000010:00:0		000/00:10:06.667		000/00:10:06.667
Top Label		10TVEUVON_02-			
Bottom Label		EUV Power On			
Plot Key	EUV	Type	SCI		
CDS Bytes	1100	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
	EUV POWER ON 2, E11 INBOUND (GLL-Jup = 60.1 Rj):				
	Load CDS memory and start the microprocessor, using Phase 2 EUVON library sequence				
	Load torus Fixed Pattern Noise Table (FPNT), using Phase 2 EUVTOR library sequence				
	Configure EUV for taking data, using an EUVCMD PA				
Design Detail					
PSID	RIM:mf	CDS PA			
384BQ	0	0	COMMENT [UVS RIM 0]		
	0	900	[LOAD PHASE 2 EUVON LIBRARY SEQUENCE]		
	6	179	[LOAD PHASE 2 EUVTOR LIBRARY SEQUENCE]		
351BC	8	21	EUVCMD [TARGET BODY TORUS]		
	8	24EUV,C,3,5A,C,2,18	[STARTING STEP 90, 2 SCANS/SECTOR, 24 SECTORS]		

Activity ID: Orbit 10		OAPEL HU11XCAL		SeqNo 01-	
Title	UVS-EUV CROSS-CALIBRATION 1			Instrument	UVS
Requestor	UVS-MWG/S.STEPHENS	Team	UVS	Working Group	MWG
Time System	CDS	Load ID	C10B	Calendar Date	10/31/97
				Week	44
Start	JEE+CDS 00060059:00:0		97-304/03:16:35.266		JEE+042/04:06:19.333
End	JEE+CDS 00061720:00:0		97-305/07:16:02.599		JEE+043/08:05:46.666
Duration	00001661:00:0		001/03:59:27.333		001/03:59:27.333
Top Label	10HU11XCAL01-				
Bottom Label	UVS-EUV Cross-Calibration				
Plot Key	UVS	Type	SCI		
CDS Bytes	580	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
<p>UVS/EUV CROSS-CALIBRATION 1, E11 INBOUND (GLL-Jup = 57.0 Rj): H Lyman-alpha sky background UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET; data rates 4.87 bps UVS or EUV): UVS and EUV deselected; 120-RIM UVFLUSHes needed to PACKET BOTH after initial DISCRDs Total bits: 2 UVS UVFLUSHes and 14 EUV UVFLUSHes = 0.035 MB UVS + 0.248 MB EUV = 0.283 MB [PLUS the cost of pausing PB for 217 RIMS ~ 0.18 MB] WAVELENGTHS (Angstroms): Emission lines: UVS (H 1216), EUV (H 1216) 1POSN-66STEP G MINISCAN (UVS): G 1174.9-1275.2 (CTR 1225.9, STEP 61) [BOTH FRAMES] Strategy for MINISCANS: Alternate 30-RIM MINISCANS and 30-RIM HVOFFs for PWS quiet</p>					
Design Detail					
PSID	RIM:mf	CDS PA			
384BR	0	0	COMMENT [UVS RIM 0]		
3490D	0:69	28	UVFLUSH [6UVRT, DISCRD, EUV]		
3490E	119:69	392	UVFLUSH (28*14) [6UVRT, PACKET, EUV]		
...OS			... [REPEAT 13 ADDITIONAL TIMES, EVERY 120 RIMS BUT PACKET BOTH ON 719:69 AND 839:69, AND LAST PACKET EUV (100 RIMS) AT 1659:69]		
176BO	594	15	SCITLM [PAUSE PLAYBACK]		
61BD	598	37	LOOPER [LOOP PERIOD 60, NUM LOOPS 4]		
157BQ	600	38	CMDRS (10+14*2) [PLAN DUR 2, EST UVS CMDS 2]		
3490I	600:69	28	UVFLUSH [6UVRT, DISCRD, UVS]		
165BN	601	27	TARGET [CONE 90.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4]		
	601		34UVS, DD, F, N, N, N, S, 0, OFF, OFF, ON, ON, OFF, NO, 1, 48, 75, 00, 00 [66STEP G/G]		
	631		34UVS, C1, F, N, N, N, S, 0, OFF, OFF, ON, OFF, OFF, NO, 1, 2C, 05, 00, 00 [HVOFF]		
176BP	811	15	SCITLM [RESUME PLAYBACK]		



Start UTC_Time : 1997-304 // 03:15:27.370
 No End Time :
 Start SCLK : 1/04196689:00:00

Target Body : JUPITER
 Target Ra/Dec : 180.23 / -0.95 Deg
 S/C to Body Center : 4296455. Km (60.097002 Rj)
 Z-axis Pointing (Ra / Dec) : 137.24 / 19.00 Deg

EUV POWER OFF, E11 INBOUND

ACTIVITY ID: 10TVEUVOFF02-

START TIME: 97-305/07:16:02.599

Activity ID: Orbit 10	OAPEL TVEUVOFF	SeqNo 02-
Title	EUV POWER OFF, E11 INBOUND	Instrument EUV
Requestor	UVS-MWG/S.STEPHENS	Team UVS
		Working Group MWG
Time System CDS	Load ID C10B	Calendar Date 11/01/97
		Week 44
Start	JEE+CDS 00061720:00:0	97-305/07:16:02.599
		JEE+043/08:05:46.666
End	JEE+CDS 00061730:00:0	97-305/07:26:09.266
		JEE+043/08:15:53.333
Duration	00000010:00:0	000/00:10:06.667
		000/00:10:06.667
Top Label	10TVEUVOFF02-	
Bottom Label	EUV Power Off	
Plot Key	EUV	Type SCI
CDS Bytes	180	Report Options BOTH
		Scan Platform No
CDS Source	OAP	Spin State DUAL
		DMS No
Observation Objective		
	EUV POWER OFF 2, E11 INBOUND (GLL-Jup = 53.7 Rj):	
	Turn EUV off after end of EUV observations in C10B, using Phase 2 EUVOFF library sequence, before E11A when HIC will use the shared HIC/EUV bus	
Design Detail		
PSID	RIM:mf	CDS PA
384BT	0	0 COMMENT [UVS RIM 0]
	2	180 [LOAD PHASE 2 EUVOFF LIBRARY SEQUENCE]