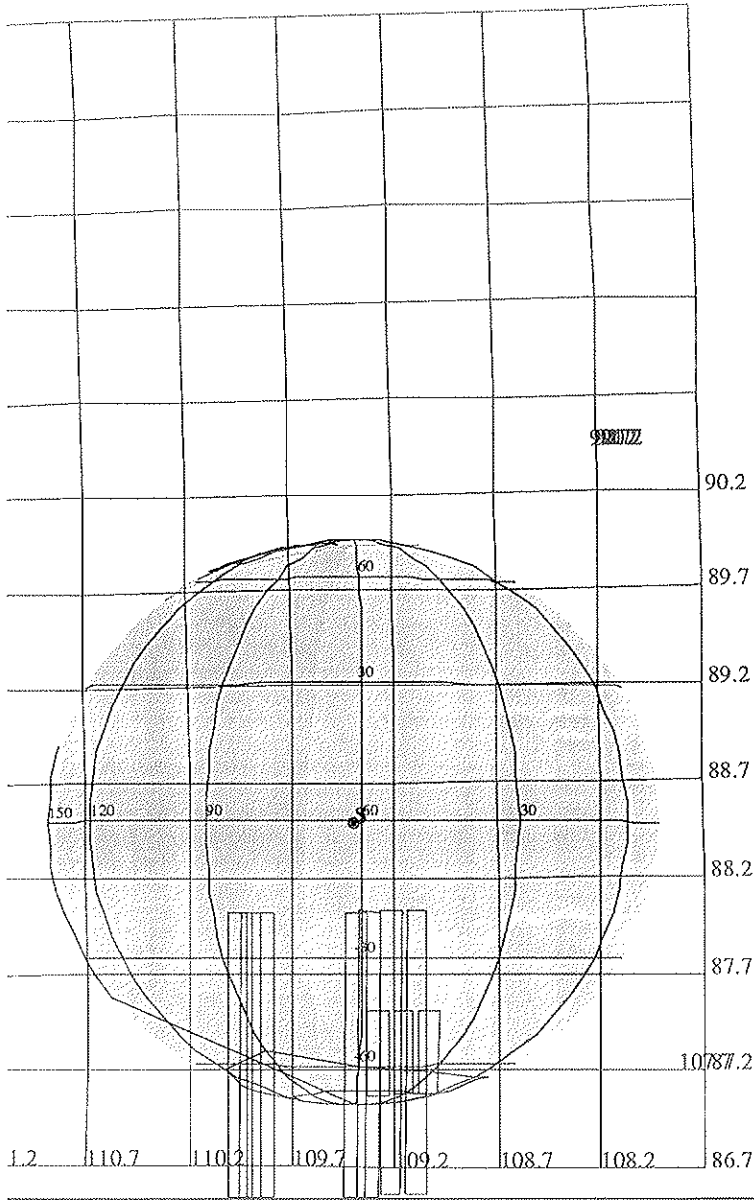


Auroral map

ACTIVITY ID: C3JUAURMAP01-

START TIME: 96-308/02:13:50.267

Activity ID: Orbit C3		OAPEL JUAURMAP		SeqNo 01-	
Title	Auroral map			Instrument	UVS
Requestor	UVS-AWG/W.KENTTOBISKA	Team	UVS	Working Group	AWG
Time System	CDS	Load ID	C3A	Calendar Date	11/03/96 Week 44
Start	JEE-CDS 00004939:00:0		96-308/02:13:50.267		JEE-003/11:13:52.666
End	JEE-CDS 00004845:00:0		96-308/03:48:52.933		JEE-003/09:38:50.000
Duration	00000094:00:0		000/01:35:02.666		000/01:35:02.666
Top Label	C3JUAURMAP01-				
Bottom Label	realtime				
Plot Key	UVS	Type	SCI		
CDS Bytes	302	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
<div style="border: 1px solid black; width: 200px; height: 150px; display: inline-block; vertical-align: top;"></div> <p>Southern auroral map of dayside - nightside asymmetry. Realtime observation at 10 bps for 1.5 hours; G/G full-scan and 2 RIMS F/G full-scan on brightside. 10 RIMS UVS OFF/FIXED every 30 RIMS for PWS. Expect RTSFMT = NA. Distance from Jupiter = 38 Rj. Last cn/ck = 153/300.</p>					
Design Detail					
<pre> PSID CDS RIM COMMAND PARAMETERS 384AB 00 00 COMMNT UVS RIM 0 61AB 28 02+LOOPER DUR = 30 RIMS; REPEAT = 3 157AC 38 03 CMDRS PLAN_DUR = 21 RIMS; EST_UVS_CMDS = 2 04 1 34UVS/UVG: 07, SCAN, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 9D, 00, 00 24 21 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 349AD 28 03+UVFLSH DISCRD, UVS 165AB 36 04 TARGET Lat/lon = -56/103 (RA/Dec = 208.40/-14.46) 349LP 28 32+UVFLSH PACKET, UVS 165AC 36 34 TARGET Lat/lon = -55/85 (RA/Dec = 208.02/-14.32) 349AE 28 50+UVFLSH PACKET, UVS 157AD 24 51 CMDRS PLAN_DUR = 1 RIM; EST_UVS_CMDS = 1 52 1 34UVS/UVF: 07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, ON, ON, OFF, NOOVR, 1, 00, 9C, 01, 2C 349AF 28 62+UVFLSH PACKET, UVS 349LQ 28 83+UVFLSH PACKET, UVS </pre>					



165AB:TT= 0 TMC= 1 C= 10.00 XC= -20.00 BS= 0/5607 TC= 3
 A= 728 pD= 0 SR=17.450 RA50=208.40 DEC50=-14.46 cone=109.97 clock= 87.28
 165AC:TT= 0 TMC= 1 C= 0.00 XC= -20.00 BS= 0/1067 TC= 3
 A= 728 pD= 0 SR=17.450 RA50=208.02 DEC50=-14.32 cone=109.58 clock= 87.28

ESIGN G2.0 kent : 9/24/1996 17:35:56

FILE:P.C3JUAURMAP01

ENTRAL BODY:JUPITER III

INI:m.C3JUAURMAP01

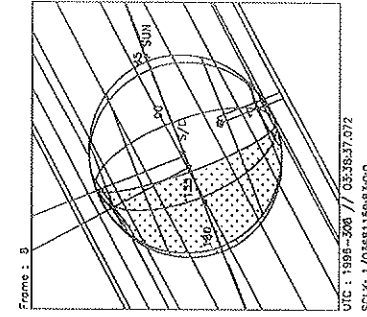
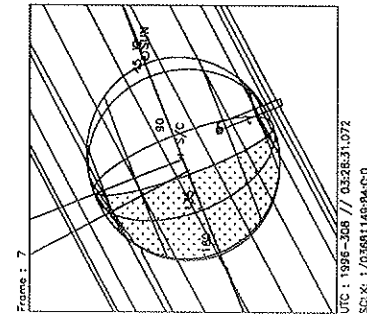
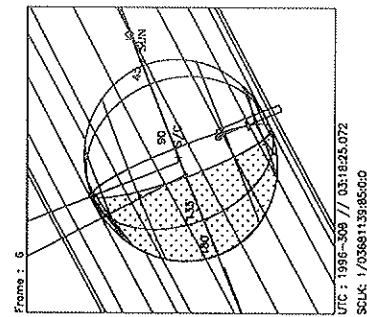
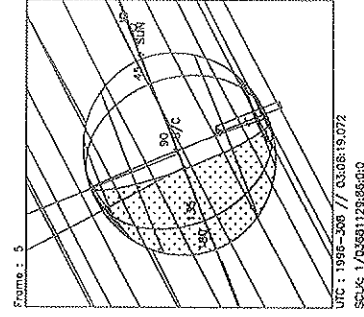
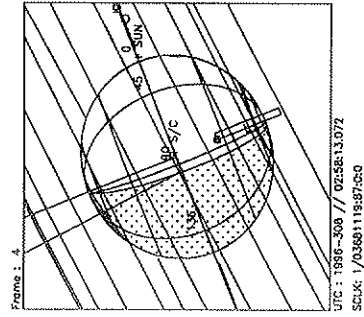
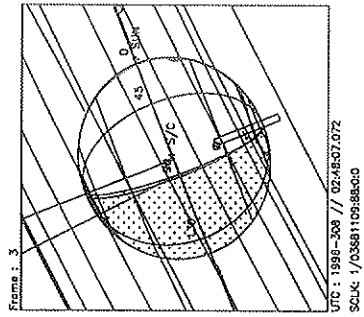
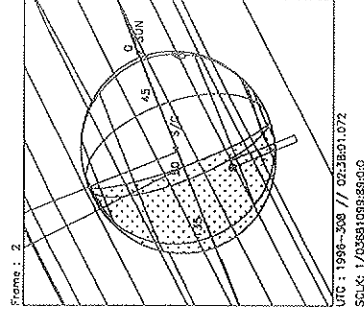
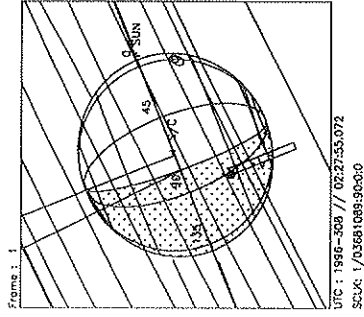
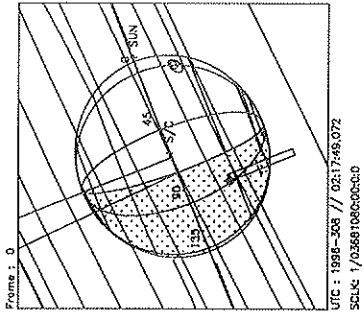
PH:/DATA/NAVIO/T-960909-TOUR.NS

ENTRAPSIS:

THINNING: :UVS 1

TART:JEE 96-311/13:27:42.933 -CDS 4935:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.800



Start UTC_TIME : 1996-308 // 02:17:49.072
 End UTC_TIME : 1996-308 // 03:38:42.402
 Start SCLK : 1/03681080:0:0
 Delta Time between FOV : 606.0000
 FOVs : N/G Channel(0.5x0.5)

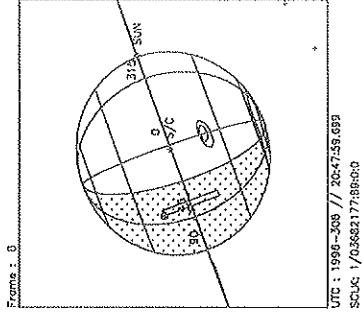
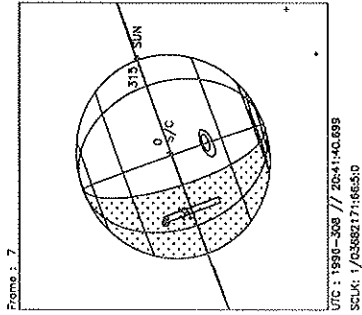
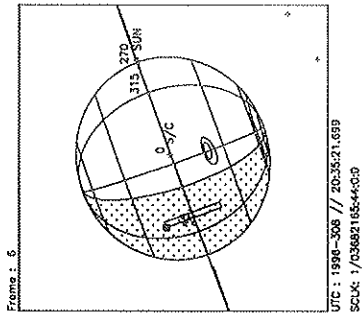
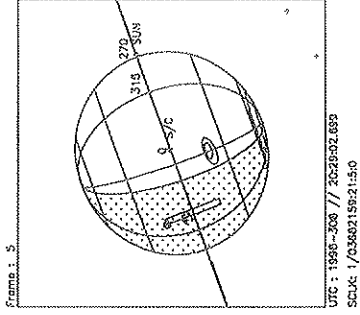
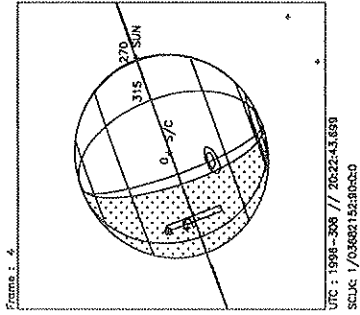
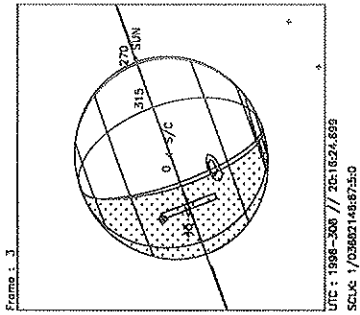
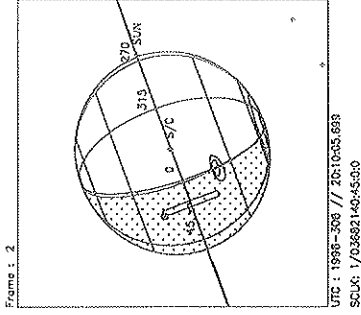
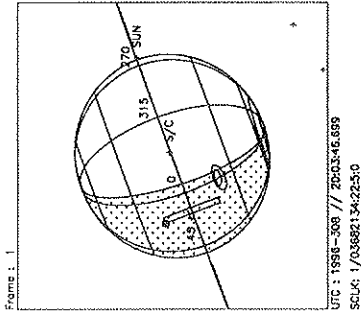
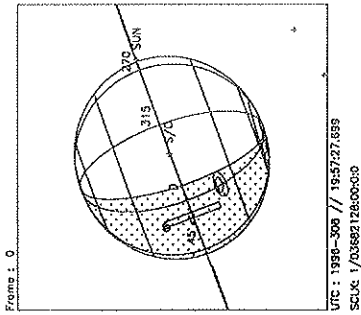
Target Body : JUPITER
 Target Cone/Clock : 109.40 / 88.50 Deg
 S/C to Body Center : 27554.32 Km (36.541820 Rj)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Fixed longitude map

ACTIVITY ID: C3JUFIXLON01-

START TIME: 96-308/19:53:28.933

Activity ID: Orbit C3	OAPEL JUFIXLON		SeqNo 01-
Title	Fixed longitude map	Instrument	UVS
Requestor	UVS-AWG/W.KENTTOBISKA	Team UVS	Working Group AWG
Time System CDS	Load ID C3A	Calendar Date 11/03/96	Week 44
Start	JEE-CDS 00003891:00:0	96-308/19:53:28.933	JEE-002/17:34:14.000
End	JEE-CDS 00003827:00:0	96-308/20:58:11.600	JEE-002/16:29:31.333
Duration	00000064:00:0	000/01:04:42.667	000/01:04:42.667
Top Label	C3JUFIXLON01-		
Bottom Label	realtime		
Plot Key	UVS	Type	SCI
CDS Bytes	222	Report Options	BOTH
CDS Source	OAP	Spin State	DUAL
		Scan Platform	Yes
		DMS	No
Observation Objective			
	Global mapping of equatorial H Ly-a (continue to C3JUDRKMAP01).		
	Realtime observation at 10 bps for 1.0 hours; G/G Ly-a 88 step 2 posn miniscan. 10 RIMs UVS OFF/FIXED every 30 RIMs for PWS. Expect RTSFMT = NA. Distance from Jupiter = 32 Rj.		
	Last cn/ck = 153/300.		
Design Detail			
PSID CDS RIM COMMAND PARAMETERS			
384AC 00 00 COMMNT UVS RIM 0			
61AC 28 02+LOOPER DUR = 30 RIMS; REPEAT = 4			
157AE 38 03 CMDRS PLAN_DUR = 21 RIMS; EST_UVS_CMDS = 2			
04 1			
34UVS/UVG: DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C			
24 21			
34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00			
349AG 28 03+UVFLSH DISCRD, UVS			
165AD 36 04 TARGET Lat/lon = 0/10 (RA/Dec = 216.49/-16.25)			
349KX 28 32+UVFLSH PACKET, UVS			
165AE 36 34 TARGET Lat/lon = 0/30 (RA/Dec = 216.79/-16.36)			
349KY 28 62+UVFLSH PACKET, UVS			

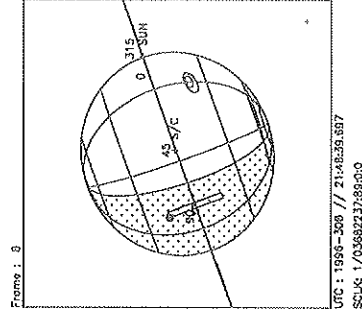
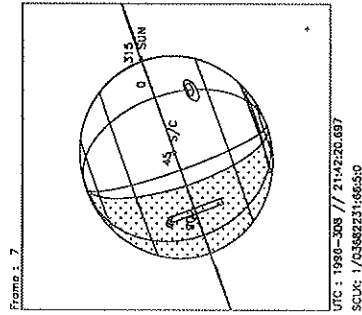
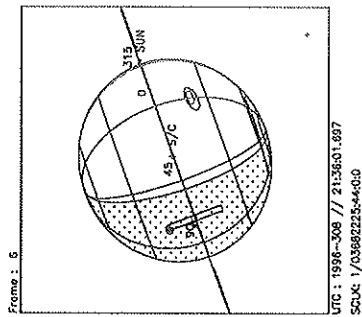
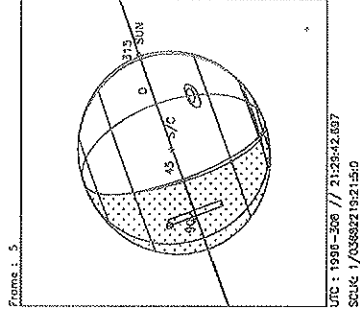
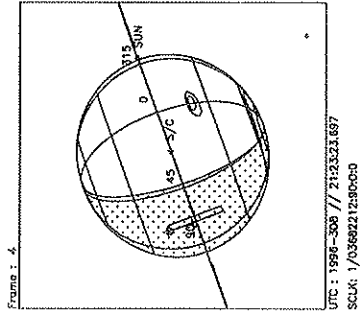
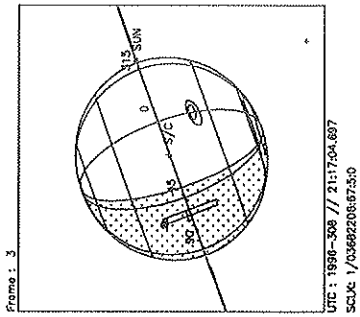
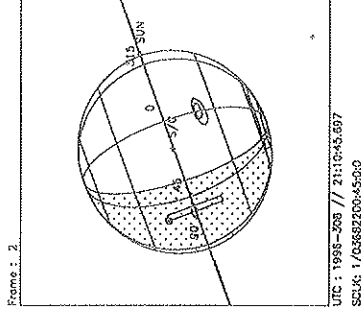
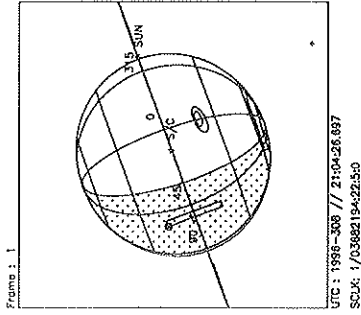
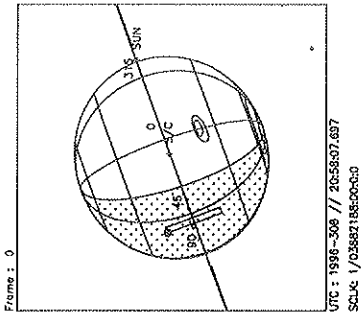


Start UTC_TIME : 1996-308 // 19:57:27.699
End UTC_TIME : 1996-308 // 20:48:01.031
Start SCLK : 1/03682128:00:0:0
Delta Time between FOV : 379.0000
FOVs : N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 116.86 / 88.49 Deg
S/C to Body Center : 2334042. Km (32.647594 Ri)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit C3		OAPEL JUDRKMAP		SeqNo 01-	
Title	Darkside map			Instrument	UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group	AWG
Time System	CDS	Load ID	C3A	Calendar Date	11/03/96
				Week	44
Start	JEE-CDS 00003827:00:0		96-308/20:58:11.600		JEE-002/16:29:31.333
End	JEE-CDS 00003737:00:0		96-308/22:29:11.600		JEE-002/14:58:31.333
Duration	00000090:00:0		000/01:31:00.000		000/01:31:00.000
Top Label	C3JUDRKMAP01-				
Bottom Label	realtime				
Plot Key	UVS	Type	SCI		
CDS Bytes	267	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
	Global mapping of equatorial H Ly-a (continuation of C3JUFIXLON01 and continue to C3JUFIXLON02) and off planet to get SPICA star calibration.				
	Realtime observation at 10 bps for 1.5 hours; G/G Ly-a 88 step 2 posn miniscan on Jupiter and F/G full scan on SPICA (RA/Dec = 200.6/-10.9). 5 RIMS UVS OFF/FIXED every 30 RIMS for PWS except for SPICA observation (5 RIMS). Use LOOPER from C3JUFIXLON01 for 157AE CMDRS during the first hour of this observation. Expect RTSFMT = NA. Distance from Jupiter = 32 Rj.				
	Last cn/ck = 117.95/88.44 (from C3JUFIXLON01).				
Design Detail					
<pre> PSID CDS RIM COMMAND PARAMETERS 384AD 00 00 COMMNT UVS RIM 0 165AF 36 00 TARGET Lat/lon = 0/50 (RA/Dec = 217.09/-16.47) 349KZ 28 28+UVFLSH PACKET,UVS 165AG 36 30 TARGET Lat/lon = 0/67 (RA/Dec = 217.33/-16.55) 157AF 38 59 CMDRS PLAN_DUR = 26 RIMS; EST_UVS_CMDS = 2 60 1 34UVS/UVF: 07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, ON, ON, OFF, NOOVR, 1, 00, 9C, 01, 2C 85 26 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 349LA 28 58+UVFLSH PACKET,UVS 165AH 36 60 TARGET RA/Dec = 200.25/-10.72 (SPICA) 117AA 37 60 CS MOS PLAN_DUR = 25 RIMS (1 slew across a 15 mrad swath) 349LB 28 88+UVFLSH PACKET,UVS </pre>					

C3A IIA

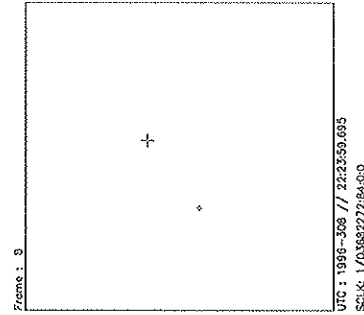
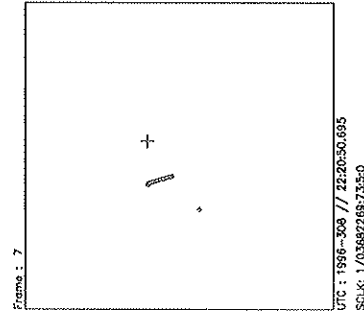
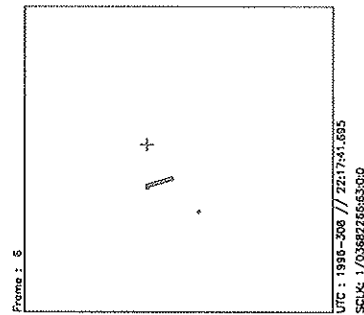
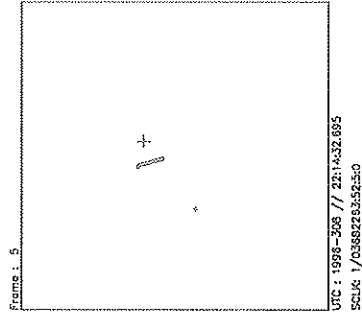
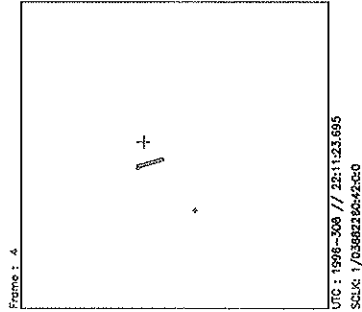
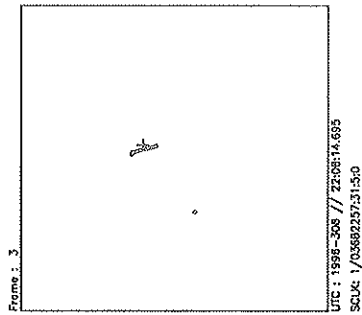
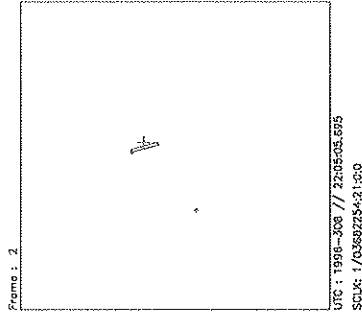
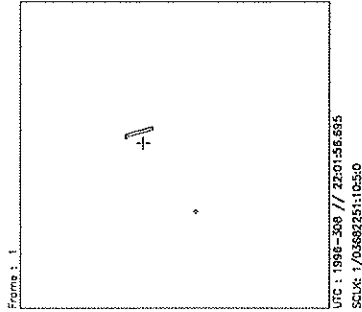
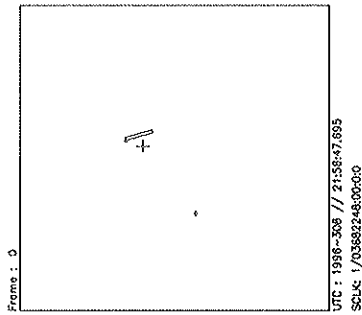


Start UTC_TIME : 1996-308 // 20:58:07.697
End UTC_TIME : 1996-308 // 21:48:41.029
Start SCLK : 1/03682188:00:00
Delta Time between FOV : 379.0000
FOVs : N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 117.37 / 88.49 Deg
S/C to Body Center : 2308792. Km (32.294408 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

CBAIA

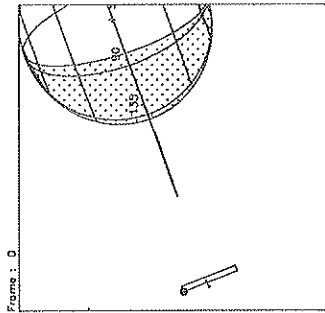
SPICA



Start UTC_TIME : 1996-308 // 21:58:47.695
End UTC_TIME : 1996-308 // 22:24:04.361
Start SCLK : 1/03682248:00:0
Delta Time between FOV : 189.0000
FOVs : N/G Channel(0.5x0.5)

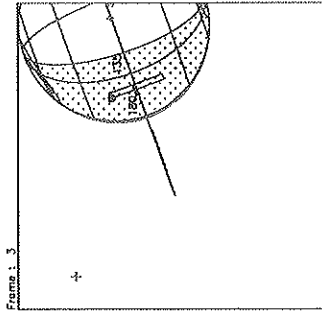
Target Body : JUPITER
Target Cone/Clock : 117.89 / 88.49 Deg
S/C to Body Center : 2283414. Km (31.939434 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit C3	OAPEL JUFIXLON	SeqNo 02-
Title	Fixed longitude map	Instrument UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team UVS
		Working Group AWG
Time System CDS	Load ID C3A	Calendar Date 11/03/96
		Week 44
Start	JEE-CDS 00003737:00:0	96-308/22:29:11.600
		JEE-002/14:58:31.333
End	JEE-CDS 00003557:00:0	96-309/01:31:11.600
		JEE-002/11:56:31.333
Duration	00000180:00:0	000/03:02:00.000
		000/03:02:00.000
Top Label	C3JUFIXLON02-	
Bottom Label	realtime	
Plot Key	UVS	Type SCI
CDS Bytes	320	Report Options BOTH
		Scan Platform Yes
CDS Source	OAP	Spin State DUAL
		DMS No
Observation Objective		
<p>Global mapping of equatorial H Ly-a (continuation from C3JUDRKMAP and C3JUFIXLON01) and off planet to obtain sky background on torus region.</p> <p>Realtime observation at 10 bps for 3.0 hours; G/G Ly-a 88 step 2 posn miniscan. 10 RIMS UVS OFF/FIXED every 30 RIMS for PWS. Torus background during first half hour. Expect RTSFMT = NA. Distance from Jupiter = 31 Rj.</p> <p>Last cn/ck = 102.05/87.67 (from DRKMAP)</p>		
Design Detail		
<pre> PSID CDS RIM COMMAND PARAMETERS 384AE 00 00 COMMMT UVS RIM 0 61AD 28 -02+LOOPER DUR = 30 RIMS; REPEAT = 6 157AG 38 -01 CMDRS PLAN_DUR = 21 RIMS; EST_UVS_CMDS = 2 00 1 34UVS/UVG: DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C 20 21 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 165AI 36 00 TARGET RA/Dec = 221.47/-17.95 (TORUS background) 117AB 50 29 CSMOS PLAN_DUR = 150 RIMS (1st slew to darkside then repeat slews) 349LC 28 28+UVFLSH PACKET, UVS 349LD 28 58+UVFLSH PACKET, UVS 349LE 28 88+UVFLSH PACKET, UVS 349LF 28 118+UVFLSH PACKET, UVS 349LG 28 148+UVFLSH PACKET, UVS 349LH 28 178+UVFLSH PACKET, UVS (NOTE: CSMOS segment latitude/longitude: 2 0/125-130 3 0/146-148 4 0/164-166 5 0/182-185 </pre>		



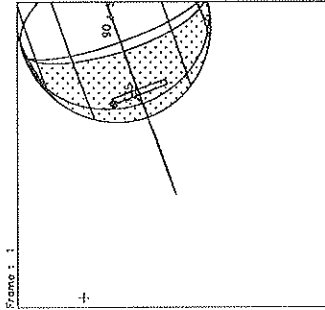
Frame : 0

UTC : 1996-308 // 22:29:07.694
SCLK: 1/03682276000:0



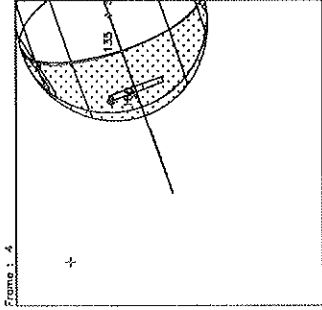
Frame : 3

UTC : 1996-308 // 23:33:34.694
SCLK: 1/036823414875:0



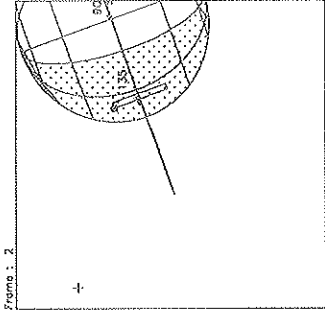
Frame : 1

UTC : 1996-308 // 22:50:36.694
SCLK: 1/03682298422:5:0



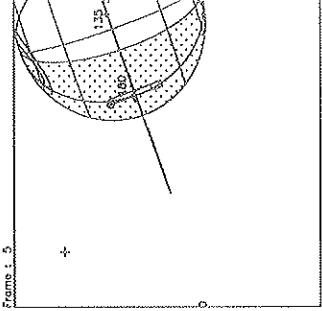
Frame : 4

UTC : 1996-308 // 23:55:03.694
SCLK: 1/036823823000:0



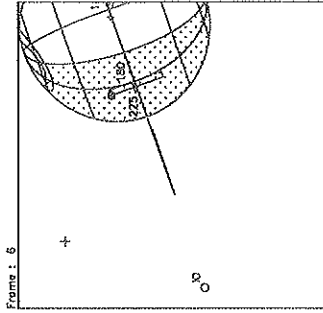
Frame : 2

UTC : 1996-308 // 23:12:05.694
SCLK: 1/03682320450:0



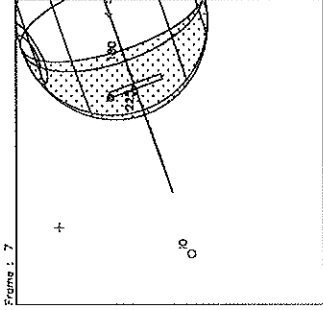
Frame : 5

UTC : 1996-309 // 00:16:32.694
SCLK: 1/03682384215:0



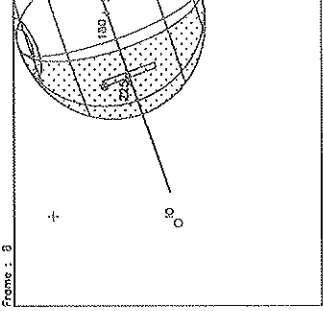
Frame : 6

UTC : 1996-309 // 00:36:01.694
SCLK: 1/03682405440:1



Frame : 7

UTC : 1996-308 // 00:59:30.694
SCLK: 1/03682426665:1



Frame : 8

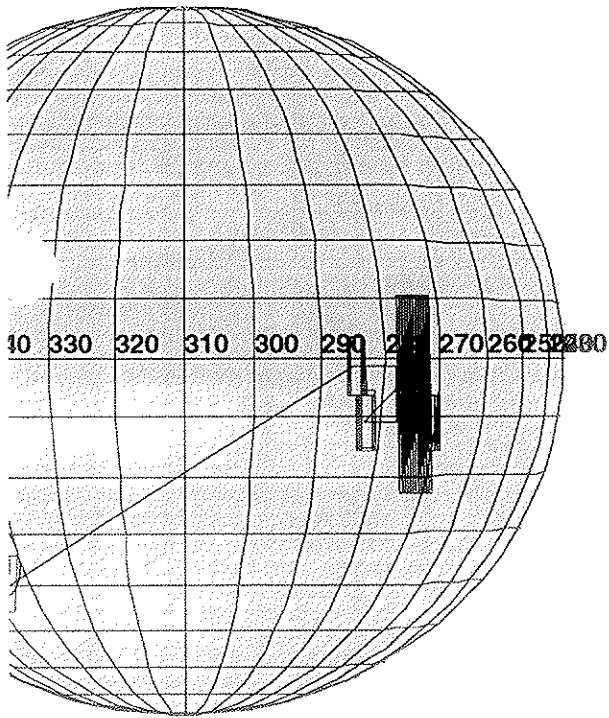
UTC : 1996-309 // 01:20:59.694
SCLK: 1/03682447890:1

Start UTC_TIME : 1996-308 // 22:29:07.694
 End UTC_TIME : 1996-309 // 01:21:01.021
 Start SCLK : 1/03682276:00:0:0
 Delta Time between FOV : 1289.000
 FOVs : N/G Channel(0.5x0.5)

Target Body : JUPITER
 Target Cone/Clock : 118.16 / 88.49 Deg
 S/C to Body Center : 2270677. Km (31.761274 Rj)
 Z-axis Pointing (Rg / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit C3		OAPEL JUFTKR1A		SeqNo 21+	
Title	Belt Zone Boundary Feature Track			Instrument	UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group	AWG
Time System	CDS	Load ID	C3A	Calendar Date	11/05/96
				Week	45
Start	JTA-CDS 00000560:00:0		96-310/01:38:05.667		JTA-000/09:26:13.333
End	JTA-CDS 00000551:00:0		96-310/01:47:11.667		JTA-000/09:17:07.333
Duration	00000009:00:0		000/00:09:06.000		000/00:09:06.000
Top Label	C3JUFTKR1A21+				
Bottom Label	realtime				
Plot Key	UVS	Type	SCI		
CDS Bytes	317	Report Options	BOTH	Scan Platform	No
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>AWG belt zone boundary (-6/280 lat/lon) feature track (JTA epoch), rotation 1, solar phase angle 52 deg, emission angle 2, following SSI (C3JSBZONEB01-) 2x2.</p> <p>Realtime observation at 10 bps format; full F/F scan with set up full G/G scan in independent UVS observation immediately following this one. Distance from Jupiter = 22 Rj.</p> <p>Last cn/ck = TBD.</p>					
Design Detail					
<pre> PSID CDS RIM COMMAND PARAMETERS 384AH 00 00 COMMTT UVS RIM 0 349AH 28 -01+UVFLSH DISCRD,UVS 157CY 52 00 CMDRS PLAN_DUR = 17 RIMS; EST_UVS_CMDS = 3 01 1 34UVS/UVF: 07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, OFF, ON, OFF, NOOVR, 1, 00, 9C, 00, 00 09 9 34UVS/UVG: 07, SCAN, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 9D, 00, 00 16 16 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 165CZ 36 01 TARGET Lat/lon = -5/280 (cn_off=3.5; xcn_off=-3.5) (RA/Dec = 236.03/-21.82) 117CZ 89 01 CSMOS 5 subcsmos with 7 mrad slews 349AI 28 01+UVFLSH PACKET,UVS 349AJ 28 03+UVFLSH PACKET,UVS 349AK 28 05+UVFLSH PACKET,UVS 349AL 28 07+UVFLSH PACKET,UVS </pre>					

Activity ID: Orbit C3		OAPEL JUFTKR1A		SeqNo 22-	
Title		Belt Zone Boundary Feature Track		Instrument UVS	
Requestor		UVS-AWG/W. KENT TOBISKA		Team UVS	
				Working Group AWG	
Time System CDS		Load ID C3A		Calendar Date 11/05/96	
				Week 45	
Start		JTA-CDS 00000551:00:0		96-310/01:47:11.667	
				JTA-000/09:17:07.333	
End		JTA-CDS 00000544:00:0		96-310/01:54:16.334	
				JTA-000/09:10:02.666	
Duration		00000007:00:0		000/00:07:04.667	
				000/00:07:04.667	
Top Label		C3JUFTKR1A22-			
Bottom Label		realtime			
Plot Key		UVS		Type SCI	
CDS Bytes		28		Report Options BOTH	
				Scan Platform Yes	
CDS Source		OAP		Spin State DUAL	
				DMS No	
Observation Objective					
<div style="border: 1px solid black; padding: 5px; width: 200px; height: 150px; display: inline-block; vertical-align: top;"> </div> <p>AWG belt zone boundary (-6/280 lat/lon) feature track (JTA epoch), rotation 1, solar phase angle 52 deg, emission angle 2, independent UVS observation.</p> <p>Realtime observation at 10 bps format; full G/G scan set up by observation immediately preceeding this one. Distance from Jupiter = 22 Rj.</p> <p>Last cn/ck = TBD.</p>					
Design Detail					
<pre> PSID CDS RIM COMMAND PARAMETERS 384AI 00 00 COMMNT UVS RIM 0 349AM 28 06+UVFLSH PACKET,UVS </pre>					



ESIGN G2.0 kent : 9/24/1996 21:56:43

ILE:P.C3JUFTKR1A21

ENTRAL BODY:JUPITER III

INI:m.C3JUFTKR1A21

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

PHIAPSIS:

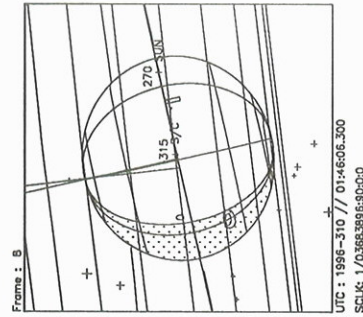
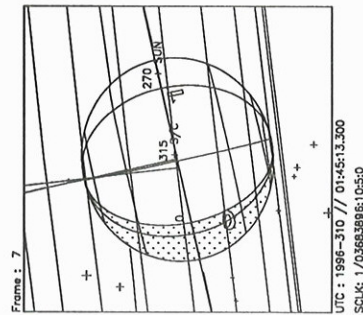
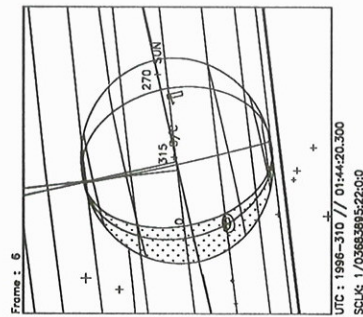
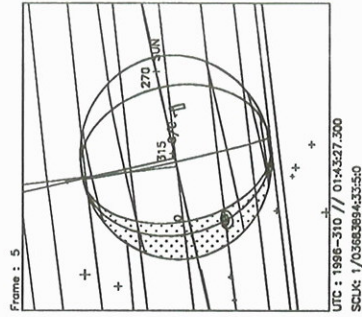
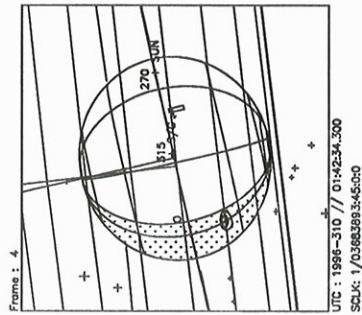
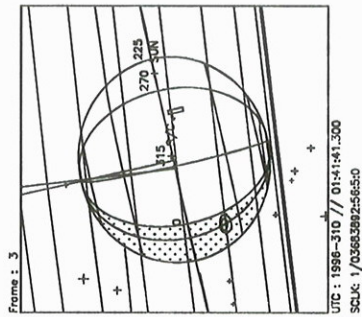
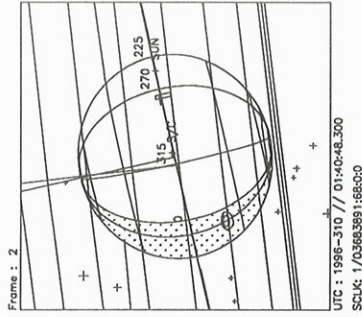
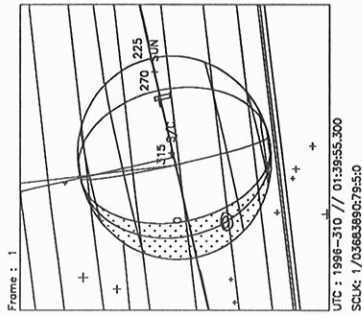
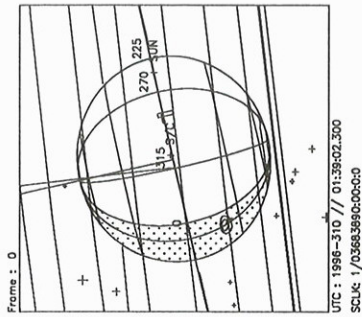
TART:JTA 96-310/11:04:19.000 -CDS 559:00:0

165CZ:TT= 0 TMC= 1 C= 3.50 XC= 3.50 BS= 0/7027 TC= 1(-6 280)
 A= 182 pD= 0 SR=17.450 RA50=236.03 DEC50=-21.83 cone=137.18 clock= 88.63
 117CZ:#SB= 5 OR=17.000 RR=17.000 BM=F RC= 1 BS= 0/7027
 1:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 7.00 XCr= 0.00 sD= 272 rD= 92
 2:#s= 1 Cs= 0.00 XCs= 0.00 Cr= -7.00 XCr= 0.00 sD= 272 rD= 92
 3:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 7.00 XCr= -7.00 sD= 272 rD= 92
 4:#s= 1 Cs= 0.00 XCs= 0.00 Cr= -7.00 XCr= 0.00 sD= 272 rD= 92
 5:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 3.50 XCr= 3.50 sD= 272 rD= 92

THINNING: :UVS 1

BODY PLOT TIME:START-TIME D= 0 S= 1.000

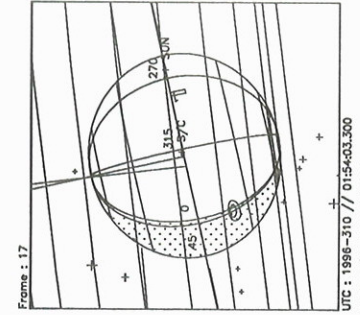
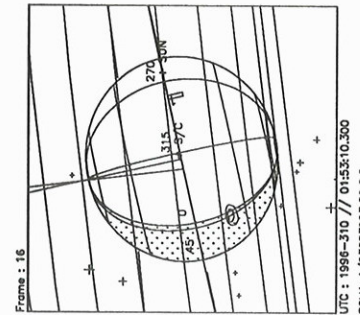
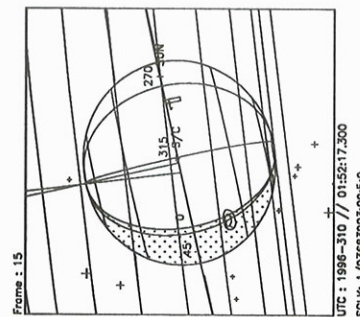
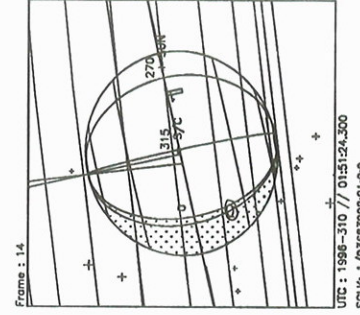
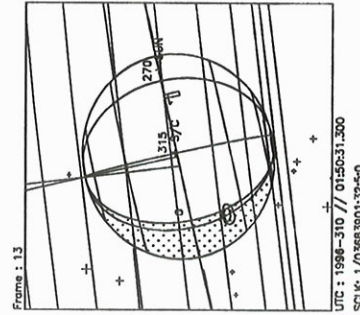
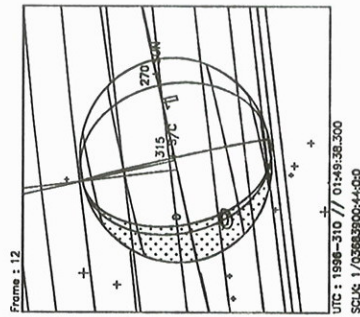
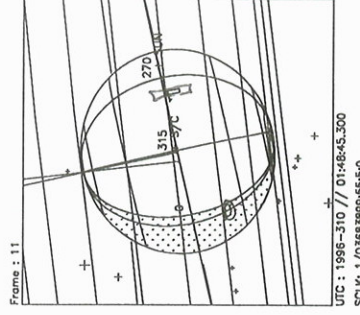
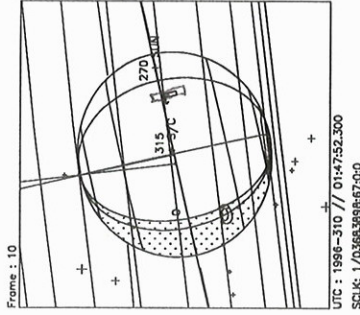
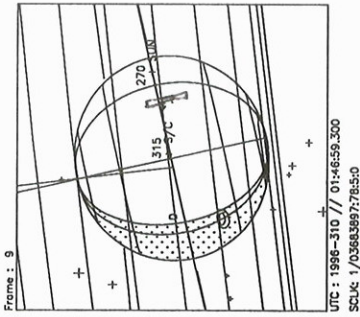
F-Channel



Start UTC_TIME : 1996-310 // 01:39:02.300
End UTC_TIME : 1996-310 // 01:54:12.300
Start SCLK : 1/03683890:00:0:0
Delta Time between FOV : 53.00000
FOVs : F Channel(0.1x0.4)

Target Body : JUPITER
Target Cone/Clock : 138.36 / 88.72 Deg
S/C to Body Center : 1538185. Km (21,515479 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

*This peak
is all
G-channel*



Start UTC_TIME : 1996-310 // 01:39:02.300
 End UTC_TIME : 1996-310 // 01:54:12.300
 Start SCLK : 1/03683890:00:00
 Delta Time between FOV : 53.00000
 FOVs : F Channel(0.1x0.4)

Target Body : JUPITER
 Target Cone/Clock : 138.51 / 88.72 Deg
 S/C to Body Center : 1534360, Km (21.461987 Rj)
 Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit C3	OAPEL JUFTKR2B	SeqNo 11+
Title	AURORA FEATURE TRACK	Instrument UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team UVS
		Working Group AWG

Time System CDS	Load ID C3A	Calendar Date 11/05/96	Week 45
Start	JTB-CDS 00000151:00:0	96-310/05:22:33.667	JTB-000/02:32:40.666
End	JTB+CDS 00000003:00:0	96-310/07:58:16.333	JTB+000/00:03:02.000
Duration	00000154:00:0	000/02:35:42.666	000/02:35:42.666

Top Label	C3JUFTKR2B11+		
Bottom Label	realtime		
Plot Key	UVS	Type	SCI
CDS Bytes	344	Report Options	BOTH
		Scan Platform	No
CDS Source	OAP	Spin State	DUAL
		DMS	No

Observation Objective

AWG aurora (+59/162 latitude) feature track (JTB epoch), rotation 2, solar phase angle 45 deg, emission angle 1, ridealong with SSI (C3JSAURRGN02-) 1x2.

Realtime observation at 10 bps format; full F/G scan followed by G/G 2 position, single step on color ratio (1239,1611) allows PWS data-taking. Distance from Jupiter = 18 Rj.

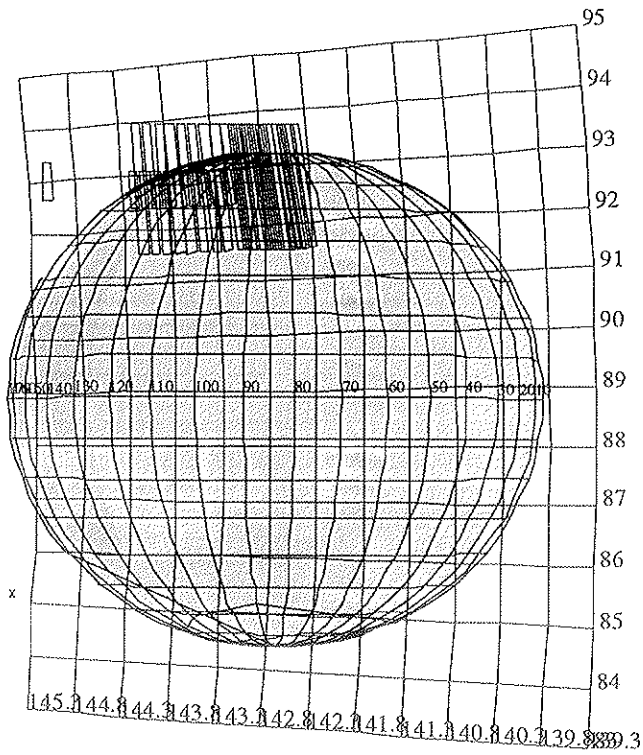
Last cn/ck = TBD.

[NOTE: See greensheet #60.]

Design Detail

```

PSID  CDS  RIM  COMMAND  PARAMETERS
384AK  00  00  COMMNT  UVS RIM 0
   61AA 28  02+LOOPER DUR = 30 RIMS; REPEAT = 3
349AN  28  03+UVFLSH DISCRD,UVS
157AJ  38  03  CMDRS  PLAN_DUR = 21 RIMS; EST_UVS_CMDS = 2
      04      1
34UVS/UVF: 07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, ON, ON, OFF, NOOVR, 1, 00, 9C, 01, 2C
      24      21
34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00
165AX  72  04  TARGET  Lat/lon = +59/162 (use TMC) (RA/Dec = 244.0/-20.96)
349AO  28  32+UVFLSH PACKET,UVS
349AP  28  62+UVFLSH PACKET,UVS
349AQ  28  92+UVFLSH PACKET,UVS
157AK  38  93  CMDRS  PLAN_DUR = 61 RIMS; EST_UVS_CMDS = 2
      94      1
34UVS/UVG: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 72, 05, 00, F5
      154     61
34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00
349AS  28 122+UVFLSH PACKET,UVS
349AT  28 152+UVFLSH PACKET,UVS
    
```

165AX:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/7977 TC= 1(59 162)
 A= 728 pD= 27300 SR=17,450 RA50=244.00 DEC50=-20.96 cone=144.17 clock= 92.76

ESIGN G2.0 kent : 9/24/1996 22: 9:42

FILE:P.C3JUFTKR2B11

CENTRAL BODY:JUPITER III

INI:m.C3JUFTKR2B11

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

TRANSAPIS:

THINNING: :UVS 1

START:JTB 96-310/07:55:14.333 -CDS 147:00:0

BODY PLOT TIME:TARGET-TIME D=27300 S= 0.700

Activity ID: Orbit C3	OAPEL JUFTKR2A	SeqNo 11+
Title	Belt Zone Boundary Feature Track	Instrument UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team UVS
		Working Group AWG

Time System CDS	Load ID C3A	Calendar Date 11/05/96	Week 45
Start	JTA-CDS 00000032:00:0	96-310/10:31:57.667	JTA-000/00:32:21.333
End	JTA-CDS 00000023:00:0	96-310/10:41:03.667	JTA-000/00:23:15.333
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label	C3JUFTKR2A11+		
Bottom Label	realtime		
Plot Key	UVS	Type	SCI
CDS Bytes	317	Report Options	BOTH
CDS Source	OAP	Spin State	DUAL
		Scan Platform	No
		DMS	No

Observation Objective

AWG belt zone boundary (-6/280 lat/lon) feature track (JTA epoch), rotation 2, solar phase angle 37 deg, emission angle 1, following SSI (C3JSBZONEB02-) 2x2.

Realtime observation at 10 bps format; full F/F scan with set up full G/G scan in independent UVS observation immediately following this one. Distance from Jupiter = 16 Rj.

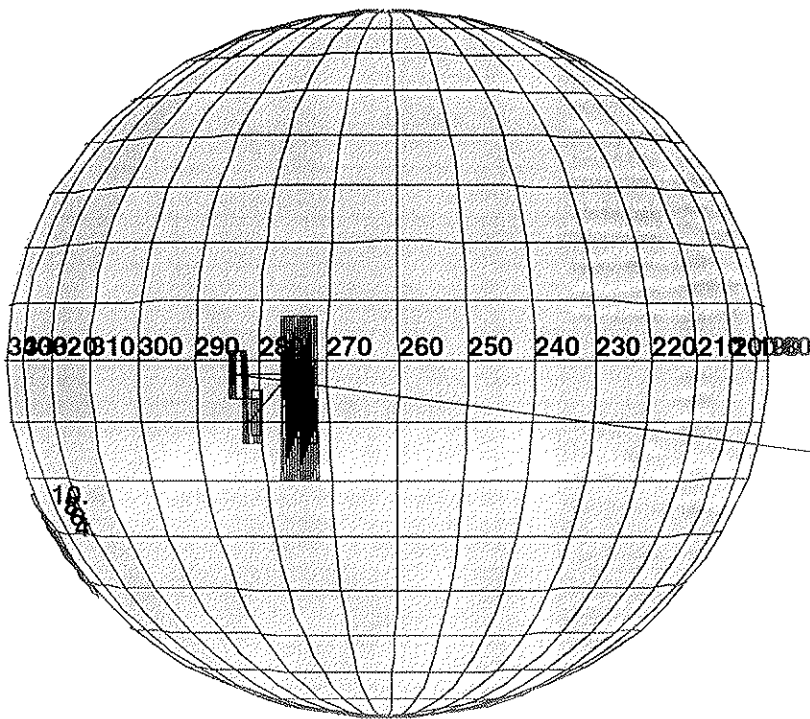
Last cn/ck = TBD.

Design Detail

```

PSID  CDS  RIM  COMMAND  PARAMETERS
384AR  00  00  COMMNT  UVS RIM 0
349KD  28  -01+UVFLSH  DISCRD,UVS
157CW  52  00  CMDRS   PLAN_DUR = 17 RIMS; EST_UVS_CMDS = 3
      01      1
34UVS/UVF: 07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, OFF, ON, OFF, NOOVR, 1, 00, 9C, 00, 00
      09      9
34UVS/UVG: 07, SCAN, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 9D, 00, 00
      16      16
34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00
165CX  36  01  TARGET  Lat/lon = -6/280 (cn_off=3.5; xcn_off=-3.5) (RA/Dec = 250.94/-24.28)
117CX  89  01  CSMOS   5 subcsmos with 7 mrad slews
349KE  28  01+UVFLSH  PACKET,UVS
349KF  28  03+UVFLSH  PACKET,UVS
349KG  28  05+UVFLSH  PACKET,UVS
349KH  28  07+UVFLSH  PACKET,UVS
    
```

Activity ID:	Orbit C3	OAPEL	JUFTKR2A	SeqNo	12-
Title	Belt Zone Boundary Feature Track			Instrument	UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group	AWG
Time System	CDS	Load ID	C3A	Calendar Date	11/05/96
				Week	45
Start	JTA-CDS 00000023:00:0		96-310/10:41:03.667		JTA-000/00:23:15.333
End	JTA-CDS 00000016:00:0		96-310/10:48:08.334		JTA-000/00:16:10.666
Duration	00000007:00:0		000/00:07:04.667		000/00:07:04.667
Top Label	C3JUFTKR2A12-				
Bottom Label	realtime				
Plot Key	UVS	Type	SCI		
CDS Bytes	28	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
<div style="display: flex;"> <div style="border: 1px solid black; width: 200px; height: 150px; margin-right: 10px;"></div> <div> <p>AWG belt zone boundary (-6/280 lat/lon) feature track (JTA epoch), rotation 2, solar phase angle 37 deg, emission angle 1, independent UVS observation.</p> <p>Realtime observation at 10 bps format; full G/G scan set up by observation immediately preceding this one. Distance from Jupiter = 16 R_J.</p> <p>Last cn/ck = TBD.</p> </div> </div>					
Design Detail					
<pre> PSID CDS RIM COMMAND PARAMETERS 384AS 00 00 COMMNT UVS RIM 0 349KI 28 06+UVFLSH PACKET,UVS </pre>					



ESIGN G2.0 kent : 9/25/1996 10:31: 7

FILE:P.C3JUFTKR2A11

CENTRAL BODY:JUPITER III

FILE:m.C3JUFTKR2A11

FILE:PH:/DATA/NAVIO/T-960909-TOUR.NS

FILE:RIAPSIS:

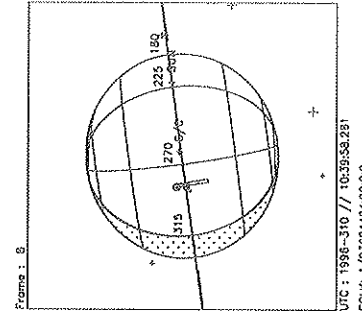
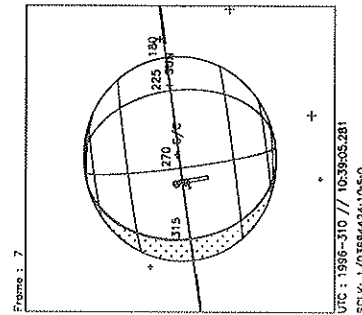
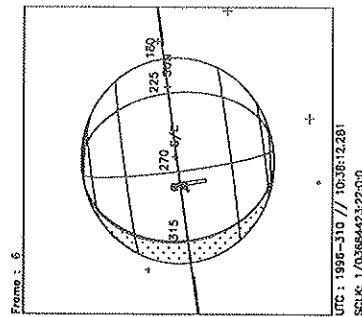
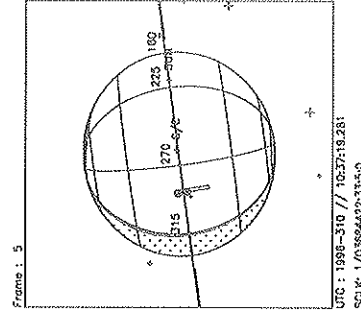
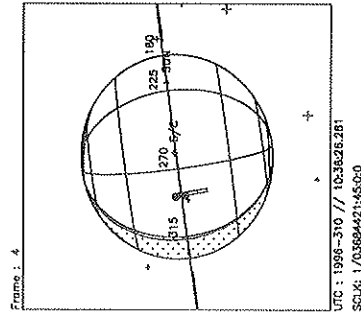
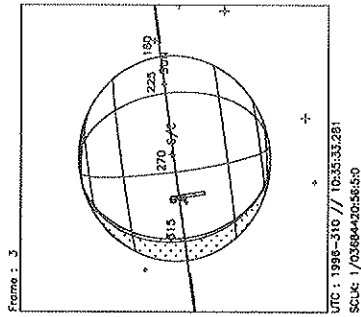
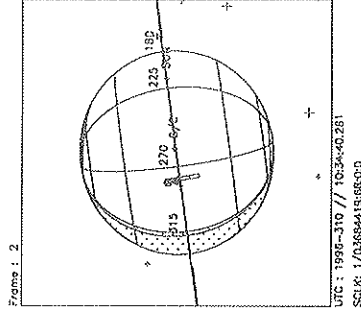
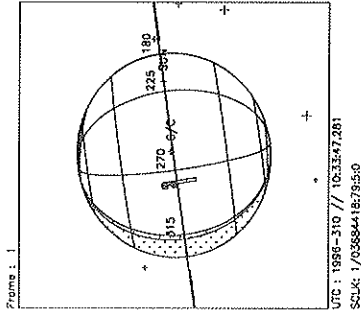
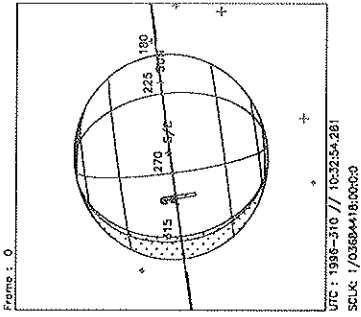
START:JTA 96-310/11:04:19.000 -CDS 31:00:0

165CX:TT= 0 TMC= 1 C= 3.50 XC= 3.50 BS= 0/3123 TC= 1(-6 280)
 A= 182 pD= 0 SR=17.450 RA50=250.94 DEC50=-24.28 cone=151.10 clock= 89.00
 117CX:#SB= 5 OR=17.000 RR=17.000 BM=F RC= 1 BS= 0/3123
 1:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 7.00 XCr= 0.00 sD= 272 rD= 92
 2:#s= 1 Cs= 0.00 XCs= 0.00 Cr= -7.00 XCr= 0.00 sD= 272 rD= 92
 3:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 7.00 XCr= -7.00 sD= 272 rD= 92
 4:#s= 1 Cs= 0.00 XCs= 0.00 Cr= -7.00 XCr= 0.00 sD= 272 rD= 92
 5:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 3.50 XCr= 3.50 sD= 272 rD= 92

THINNING: :UVS 1

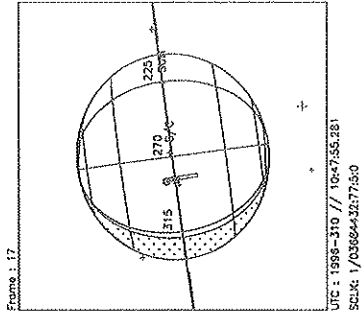
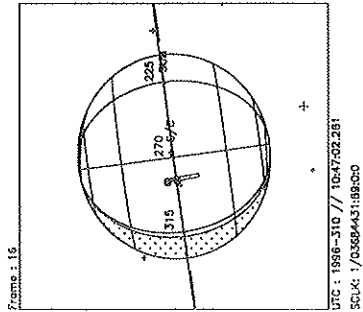
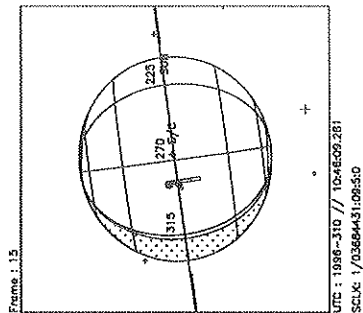
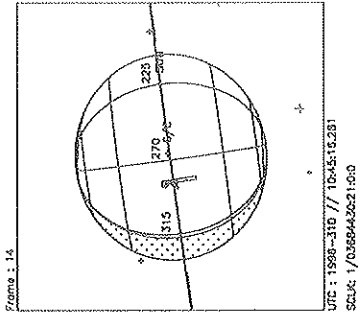
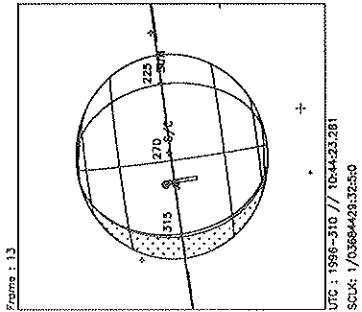
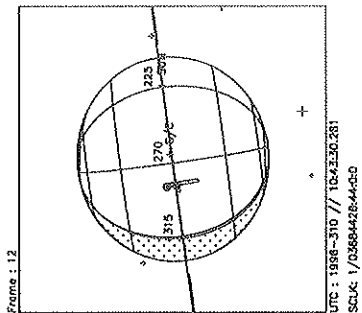
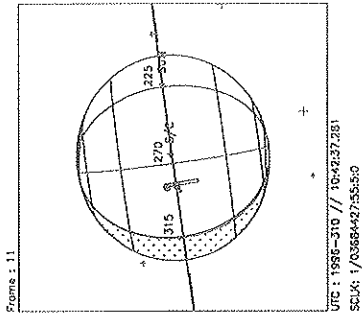
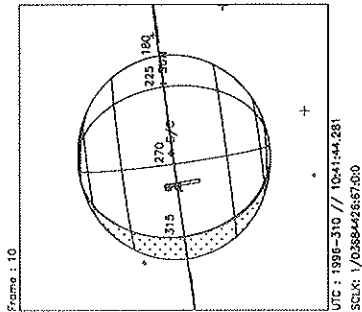
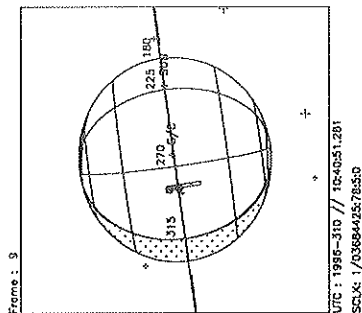
BODY PLOT TIME:START-TIME D= 0 S= 1.000

C3A1A



Start UTC_TIME : 1996-310 // 10:32:54.281
End UTC_TIME : 1996-310 // 10:48:04.280
Start SCLK : 1/03684418:00:0:0
Delta Time between FOV : 53.00000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 149.83 / 89.15 Deg
S/C to Body Center : 1276051_Km (17.848864 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

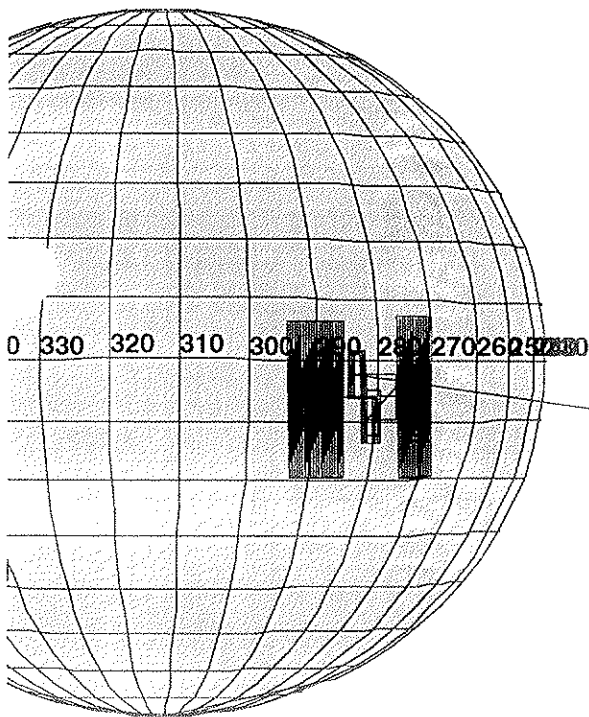


Start UTC_TIME : 1996-310 // 10:32:54.281
End UTC_TIME : 1996-310 // 10:48:04.280
Start SCLK : 1/03684418:00:00
Delta Time between FOV : 53.00000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 150.04 / 89.16 Deg
S/C to Body Center : 1272083. Km (17.793363 RJ)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit C3		OAPEL JUFTKR2A		SeqNo 21+	
Title	Belt Zone Boundary Feature Track			Instrument	UVS
Requestor	UVS-AWG/W. KENTTOBISKA	Team	UVS	Working Group	AWG
Time System	CDS	Load ID	C3A	Calendar Date	11/05/96
				Week	45
Start	JTA+CDS 00000055:00:0		96-310/11:59:55.666		JTA+000/00:55:36.666
End	JTA+CDS 00000064:00:0		96-310/12:09:01.666		JTA+000/01:04:42.666
Duration	00000009:00:0		000/00:09:06.000		000/00:09:06.000
Top Label	C3JUFTKR2A21+				
Bottom Label	realtime				
Plot Key	UVS	Type	SCI		
CDS Bytes	330	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
<p>AWG belt zone boundary (-6/280 lat/lon) feature track (JTA epoch), rotation 2, solar phase angle 37 deg, emission angle 2, following SSI (C3JSEZONEB03-) 2x2.</p> <p>Realtime observation at 10 bps format; full F/F scan with set up full G/G scan in independent UVS observation immediately following this one. Distance from Jupiter = 16 Rj.</p> <p>Last cn/ck = TBD.</p>					
Design Detail					
<pre> PSID CDS RIM COMMAND PARAMETERS 384AT 00 00 COMMNT UVS RIM 0 349KJ 28 -01+UVFLSH DISCRD,UVS 157AN 52 00 CMDRS PLAN_DUR = 29 RIMS; EST_UVS_CMDS = 3 01 1 34UVS/UVF: 07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, OFF, ON, OFF, NOOVR, 1, 00, 9C, 00, 00 09 9 34UVS/UVG: 07, SCAN, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 9D, 00, 00 28 28 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 165AM 36 01 TARGET Lat/lon = -6/280 (cn_off=3.5; xcn_off=-3.5) (RA/Dec = 250.33/-24.20) 117AM 102 01 CS MOS 6 subcsmos with 7 mrad slews 349KK 28 01+UVFLSH PACKET,UVS 349KL 28 03+UVFLSH PACKET,UVS 349KM 28 05+UVFLSH PACKET,UVS 349KN 28 07+UVFLSH PACKET,UVS </pre>					

Activity ID:	Orbit C3	OAPEL	JUFTKR2A	SeqNo	22-
Title	Belt Zone Boundary Feature Track			Instrument	UVS
Requestor	UVS-AWG/W.KENT TOBISKA	Team	UVS	Working Group	AWG
Time System	CDS	Load ID	C3A	Calendar Date	11/05/96
				Week	45
Start	JTA+CDS 00000064:00:0		96-310/12:09:01.666		JTA+000/01:04:42.666
End	JTA+CDS 00000083:00:0		96-310/12:28:14.333		JTA+000/01:23:55.333
Duration	00000019:00:0		000/00:19:12.667		000/00:19:12.667
Top Label	C3JUFTKR2A22-				
Bottom Label	realtime				
Plot Key	UVS	Type	SCI		
CDS Bytes	56	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
	AWG belt zone boundary (-6/280 lat/lon) feature track (JTA epoch), rotation 2, solar phase angle 37 deg, emission angle 2, independent UVS observation.				
	Realtime observation at 10 bps format; full G/G scan set up by observation immediately preceeding this one. Additional 12 RIMS drift for getting G/G bkg off of the feature. Distance from Jupiter = 16 Rj.				
	Last cn/ck = TBD.				
Design Detail					
PSID CDS RIM COMMAND PARAMETERS 384AU 00 00 COMMNT UVS RIM 0 349KO 28 06+UVFLSH PACKET,UVS 349KP 28 18+UVFLSH PACKET,UVS					



ESIGN G2.0 kent : 9/25/1996 10:33: 6

FILE:P.C3JUFTKR2A21

CENTRAL BODY:JUPITER III

INI:m.C3JUFTKR2A21

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

PHIAPSIS:

START:JTA 96-310/11:04:19.000 +CDS 56:00:0

165AM:TT= 0 TMC= 1 C= 3.50 XC= 3.50 BS= 0/8957 TC= 1(-6 280)
 A= 182 pD= 0 SR=17.450 RA50=250.33 DEC50=-24.26 cone=150.53 clock= 88.99

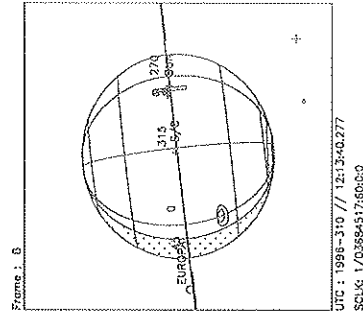
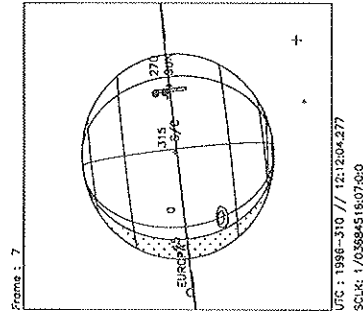
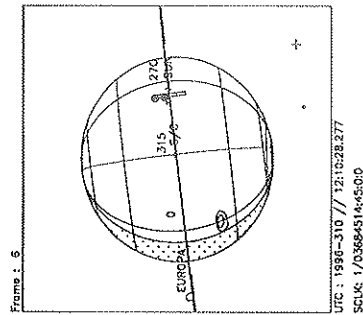
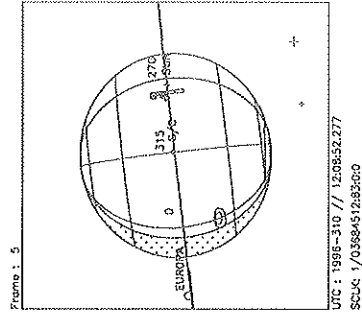
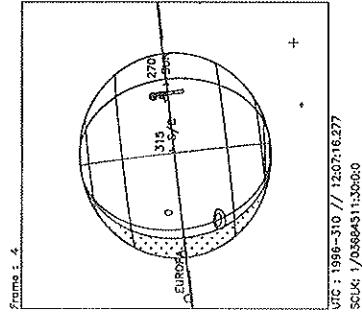
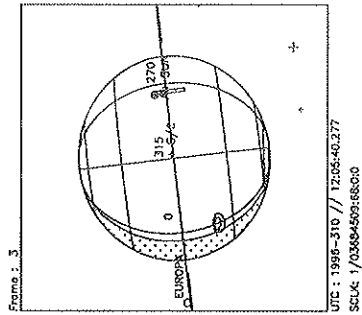
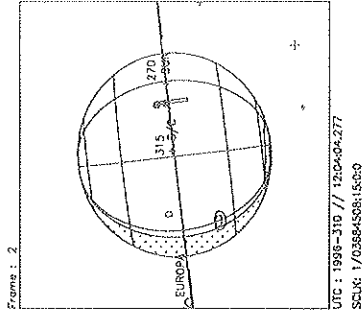
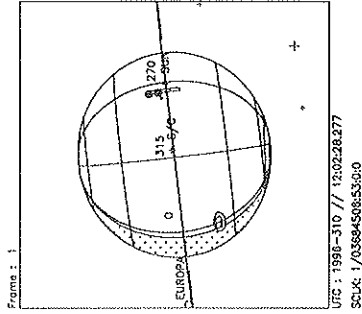
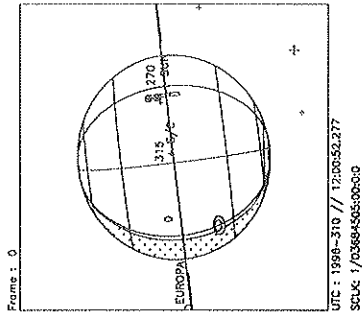
117AM:#SB= 6 OR=17.000 RR=17.000 BM=F RC= 1 BS= 0/8957

1:#s= 1 Cs= 0.00 XC= 0.00 Cr= 7.00 XCr= 0.00 sD= 272 rD= 92
 2:#s= 1 Cs= 0.00 XC= 0.00 Cr= -7.00 XCr= 0.00 sD= 272 rD= 92
 3:#s= 1 Cs= 0.00 XC= 0.00 Cr= 7.00 XCr= -7.00 sD= 272 rD= 92
 4:#s= 1 Cs= 0.00 XC= 0.00 Cr= -7.00 XCr= 0.00 sD= 272 rD= 92
 5:#s= 1 Cs= 0.00 XC= 0.00 Cr= 3.50 XCr= 3.50 sD= 1182 rD= 92
 6:#s= 1 Cs= 0.00 XC= 0.00 Cr= 20.00 XCr= 0.00 sD= 90 rD= 92

THINNING: :UVS 1

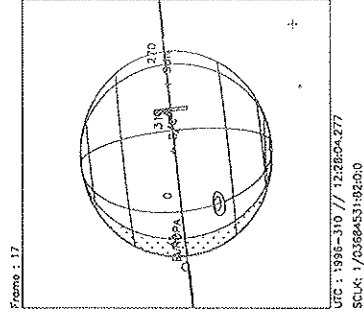
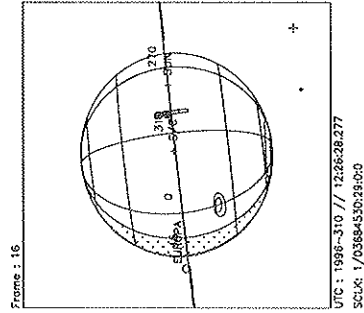
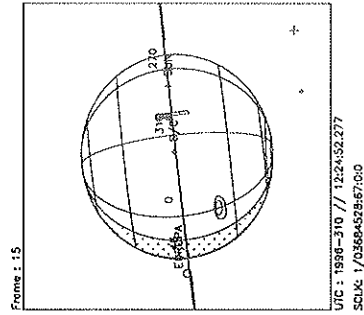
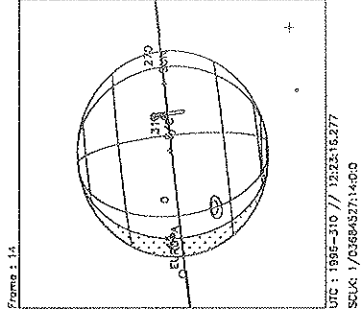
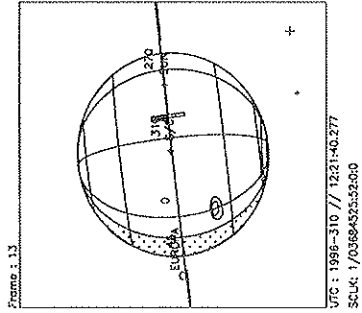
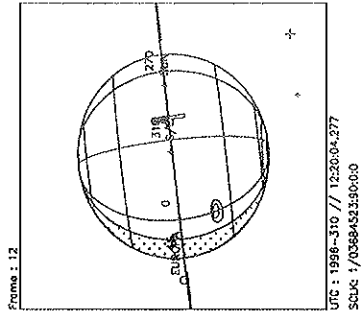
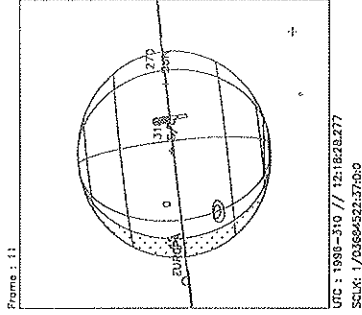
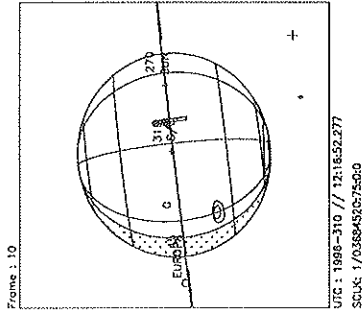
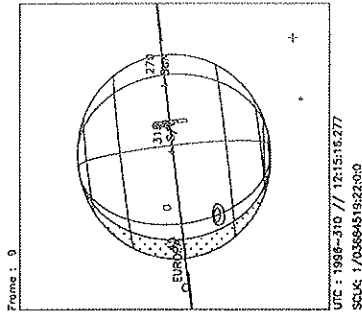
BODY PLOT TIME:START-TIME D= 0 S= 1.000

C3A1A



Start UTC_TIME : 1996-310 // 12:00:52.277
End UTC_TIME : 1996-310 // 12:28:10.276
Start SCLK : 1/03684505:00:00
Delta Time between FOV : 96.00000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 152.19 / 89.28 Deg
S/C to Body Center : 1232091. Km (17.233965 Rj)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-310 // 12:00:52.277
End UTC_TIME : 1996-310 // 12:28:10.276
Start SCLK : 1/03684505:00:00
Delta Time between FOV : 96.00000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 152.59 / 89.30 Deg
S/C to Body Center : 1224885. Km (17.133176 R_J)
Z-axis Pointing (Ra / Dec) : 102.80 / 25.00 Deg

Activity ID: Orbit C3	OAPEL JUFTKR2A	SeqNo 31+
Title	Belt Zone Boundary Feature Track	Instrument UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team UVS
		Working Group AWG

Time System CDS	Load ID C3A	Calendar Date 11/05/96	Week 45
Start	JTA+CDS 00000115:00:0	96-310/13:00:35.666	JTA+000/01:56:16.666
End	JTA+CDS 00000124:00:0	96-310/13:09:41.666	JTA+000/02:05:22.666
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label	C3JUFTKR2A31+		
Bottom Label	realtime		
Plot Key	UVS	Type	SCI
CDS Bytes	235	Report Options	BOTH
CDS Source	OAP	Spin State	DUAL
		Scan Platform	No
		DMS	No

Observation Objective

AWG belt zone boundary (-6/280 lat/lon) feature track (JTA epoch), rotation 2, solar phase angle 37 deg, emission angle 3, following SSI (C3JSBZONEB04-) 2x2.

Realtime observation at 10 bps format; full F/P scan with set up full G/G scan in independent UVS observation immediately following this one. Distance from Jupiter = 16 Rj.

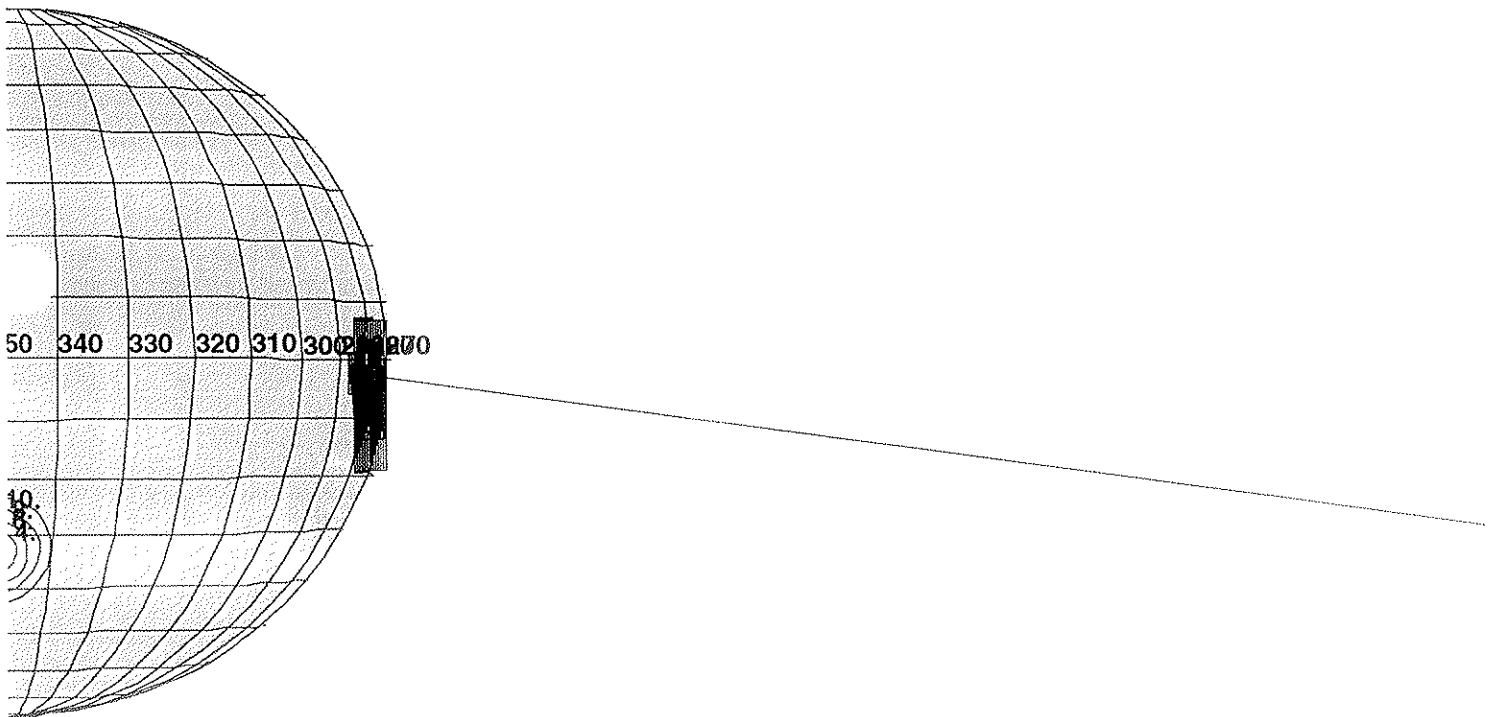
Last cn/ck = TBD.

Design Detail

```

PSID  CDS  RIM  COMMAND  PARAMETERS
384AV  00  00  COMMNT  UVS RIM 0
349KQ  28  -01+UVFLSH  DISCRD,UVS
157BY  52  00  CMDRS   PLAN_DUR = 17 RIMS; EST_UVS_CMDS = 3
      01      1
34UVS/UVF: 07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, OFF, ON, OFF, NOOVR, 1, 00, 9C, 00, 00
      09      9
34UVS/UVG: 07, SCAN, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 9D, 00, 00
      16     16
34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00
165BZ  36  01  TARGET  Lat/lon = -6/280 (cn_off=3.5; xcn_off=-2.0) (RA/Dec = 250.66/-24.24)
117BZ  63  01  CSMOS   3 subcsmos with 7 mrad slews
349KS  28  03+UVFLSH  PACKET,UVS
349KU  28  07+UVFLSH  PACKET,UVS
    
```

Activity ID:	Orbit C3	OAPEL	JUFTKR2A	SeqNo	32+
Title	Belt Zone Boundary Feature Track			Instrument	UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group	AWG
Time System	CDS	Load ID	C3A	Calendar Date	11/05/96
		Week			45
Start	JTA+CDS 00000124:00:0		96-310/13:09:41.666		JTA+000/02:05:22.666
End	JTA+CDS 00000131:00:0		96-310/13:16:46.333		JTA+000/02:12:27.333
Duration	00000007:00:0		000/00:07:04.667		000/00:07:04.667
Top Label	C3JUFTKR2A32+				
Bottom Label	realtime				
Plot Key	UVS	Type	SCI		
CDS Bytes	28	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
	AWG belt zone boundary (-6/280 lat/lon) feature track (JTA epoch), rotation 2, solar phase angle 37 deg, emission angle 3, ridealong with NIMS (C3JNFEA03703-).				
	Realtime observation at 10 bps format; full G/G scan set up by observation immediately preceeding this one. Additional drift after NIMS observation ends to get enough integration time. Distance from Jupiter = 16 Rj.				
	Last cn/ck = TBD.				
Design Detail					
PSID CDS RIM COMMAND PARAMETERS 384AW 00 00 COMMNT UVS RIM 0 349KW 28 06+UVFLSH PACKET,UVS [NOTE: Target at JTA+CDS 121:00:0 SUBCSMOS @ JTA+CDS 122:64:0]					



50 340 330 320 310 300 290

165BZ:TT= 0 TMC= 1 C= 2.00 XC= 3.50 BS= 0/9877 TC= 1(-6 280)
 A= 182 pD= 0 SR=17.450 RA50=250.66 DEC50=-24.24 cone=150.84 clock= 89.01
 117BZ:#SB= 3 OR=17.000 RR=17.000 BM=F RC= 1 BS= 0/9877
 1:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 7.00 XCr= 0.00 sD= 636 rD= 92
 2:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 0.00 XCr= -7.00 sD= 636 rD= 92
 3:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 3.50 XCr= 3.50 sD= 272 rD= 92

ESIGN G2.0 kent : 9/25/1996 10:34:32

ILE:P.C3JUFTKR2A31

ENTRAL BODY:JUPITER III

INI:m.C3JUFTKR2A31

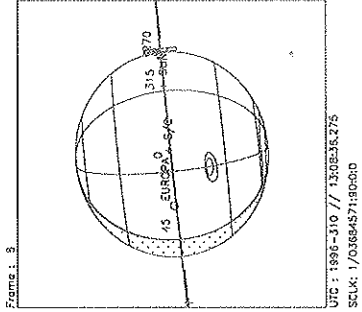
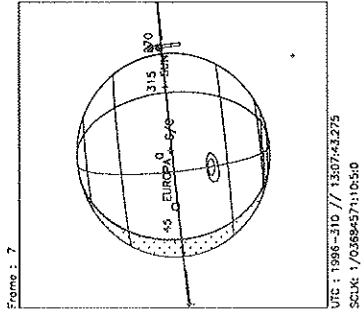
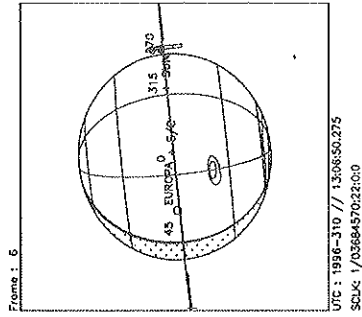
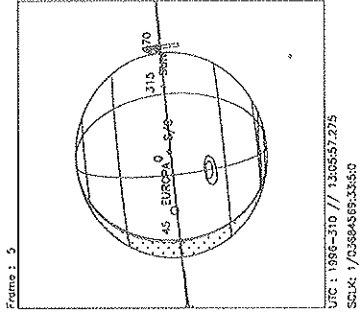
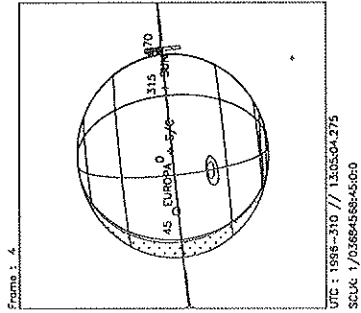
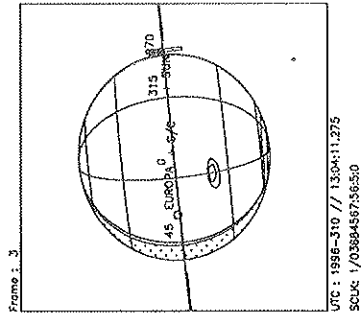
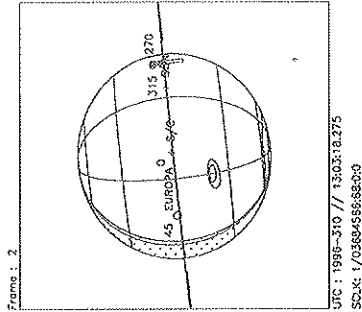
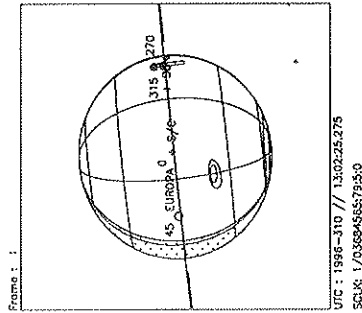
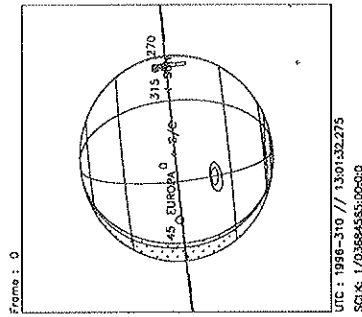
PH:/DATA/NAVIO/T-960909-TOUR.NS

APSIS:

THINNING: :UVS 1

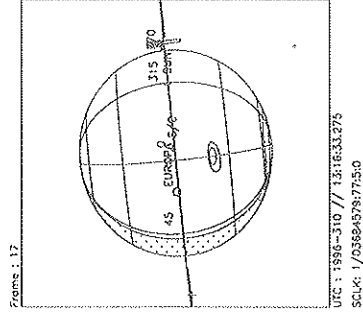
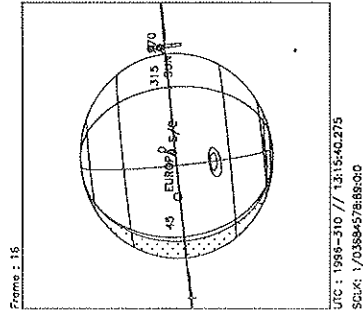
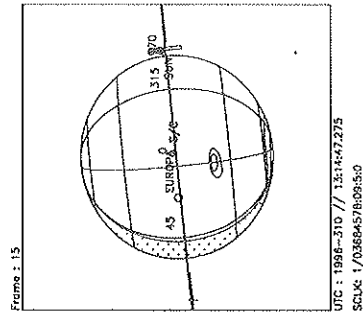
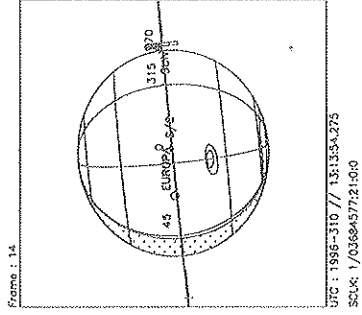
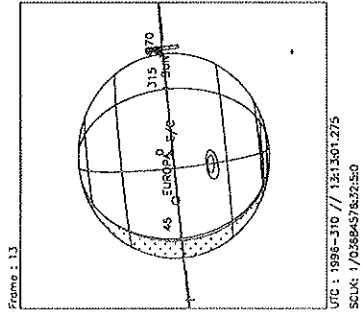
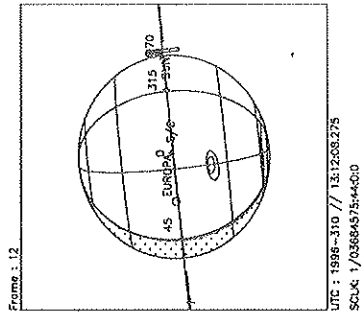
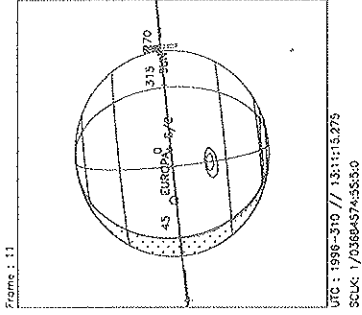
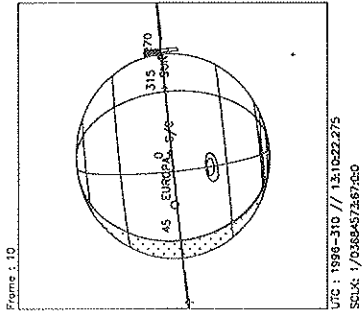
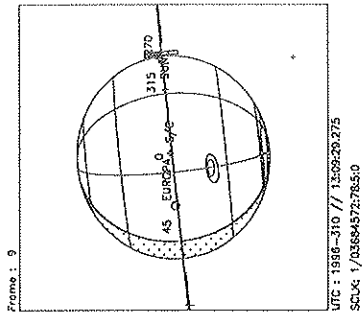
TART:JTA 96-310/11:04:19.000 +CDS 116:00:0

BODY PLOT TIME:START-TIME D= 0 S= 1.000



Start UTC_TIME : 1996-310 // 13:01:32.275
End UTC_TIME : 1996-310 // 13:16:42.274
Start SCLK : 1/03684565:00:00
Delta time between FOV : 53.00000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

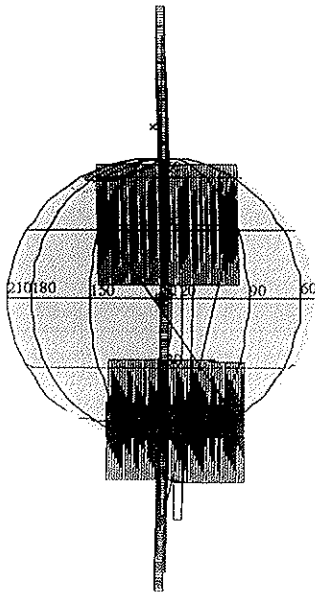
Target Body : JUPITER
Target Cone/Clock : 153.92 / 89.38 Deg
S/C to Body Center : 1201723. Km (16.809200 Ri)
Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg



Start UTC_TIME : 1996-310 // 13:01:32.275
End UTC_TIME : 1996-310 // 13:16:42.274
Start SCLK : 1/03684565:00:0:0
Delta Time between FOV : 53.00000
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : JUPITER
Target Cone/Clock : 154.15 / 89.40 Deg
S/C to Body Center : 197742. Km (16.753518 Ri)
Z-axis Pointing (Ro / Dec) : 102.80 / 25.00 Deg

Activity ID:	Orbit C3	OAPEL JUDRKNEW	SeqNo	01-			
Title	North-south-east-west map		Instrument	UVS			
Requestor	UVS-AWG/W.KENT TOBISKA	Team	UVS	Working Group	AWG		
Time System	CDS	Load ID	C3A	Calendar Date	11/09/96	Week	45
Start	JOC-CDS 00000027:00:0		96-314/05:41:03.466		JOC-000/00:27:18.000		
End	JOC+CDS 00000045:00:0		96-314/06:53:51.466		JOC+000/00:45:30.000		
Duration	00000072:00:0		000/01:12:48.000		000/01:12:48.000		
Top Label	C3JUDRKNEW01-						
Bottom Label	recorded						
Plot Key	UVS	Type	SCI				
CDS Bytes	386	Report Options	BOTH		Scan Platform	Yes	
CDS Source	OAP	Spin State	DUAL		DMS	Yes	
Observation Objective							
<p>North-south-east-west map of Jupiter darkside for mapping global Balmer series hydrogen distribution and for detection of H2 continuum without direct solar illumination.</p> <p>Recorded observation; F/G full scan on So. hemisphere; N/G full scan on planet away from bright limbs (to avoid scattered sunlight) and G/G full scan near limbs as well as off planet on No. hemisphere. N/G data taken on sky background for 2 RIMs with UVFLUSH to get background counts. Distance from Jupiter = 32 Rj.</p> <p>Last cn/ck = 110/78.</p> <p>Assume 1.6 compression = 2.53 MBTG.</p> <p>[NOTE: UVS temperature not expected to drop below 9 deg C during solar occultation.]</p>							
Design Detail							
<pre> PSID CDS RIM COMMAND PARAMETERS 384AY 00 00 COMMNT UVS RIM 0 157AP 164 01 CMDRS PLAN_DUR = 72 RIMS; EST_UVS_CMDS = 9 02 1 34UVS/UVN: 07, SCAN, NORM, NORM, NORM, SAME, 0, OFF, ON, ON, ON, OFF, NOOVR, 1, 2C, 9D, 00, 00 N/G 04 3 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 G/G 06 5 34UVS/UVF: 07, SCAN, NORM, NORM, NORM, SAME, 0, ON, OFF, ON, ON, OFF, NOOVR, 1, 00, 9C, 01, 2C FG 27 26 34UVS/UVG: DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C G/G 29 28 34UVS/UVN: 07, SCAN, NORM, NORM, NORM, SAME, 0, OFF, ON, ON, ON, OFF, NOOVR, 1, 2C, 9D, 00, 00 N/G 42 41 34UVS/UVG: DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C 56 55 34UVS/UVN: E7, FIXED, NORM, NORM, NORM, SAME, 0, OFF, ON, ON, ON, OFF, NOOVR, 1, 00, 9C, 01, 2C - N/G 63 62 34UVS/UVG: DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C 72 71 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 </pre>							



ESIGN G2.0 kent : 9/25/1996 10:37: 6

FILE:P.C3JUDRKNEW01

ENTRAL BODY:JUPITER III

INI:m.C3JUDRKNEW01

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

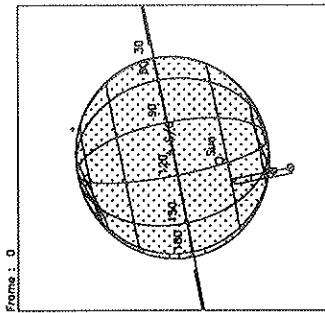
ENTRAPSIS:

TART:JOC 96-314/06:08:21.466 +CDS 02:00:0

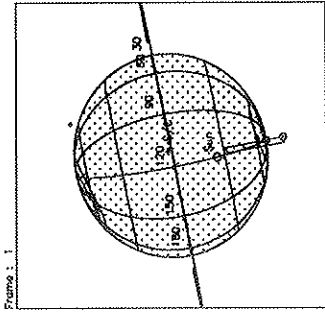
165AQ:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/2656 TC= 2(157 78)
 A= 728 pD= 0 SR=17.450 RA50=161.13 DEC50= 7.53 cone=157.00 clock= 78.00
 165AR:TT= 0 TMC= 1 C= 10.00 XC= -25.00 BS= 0/3930 TC= 3
 A= 728 pD= 0 SR=17.450 RA50=115.21 DEC50= 21.01 cone=110.70 clock= 76.13
 117AC:#SB= 1 OR= 0.020 RR=12.000 BM=F RC= 1 BS= 0/3930
 1:#s= 2 Cs= -23.00 XC= 0.00 Cr= 28.00 XCr= 40.00 sD= 3692 rD= 130
 117AD:#SB= 2 OR= 0.080 RR=12.000 BM=F RC= 1 BS= 0/1938
 1:#s= 1 Cs= 0.00 XC= 0.00 Cr= 5.00 XCr= -61.00 sD= 32 rD= 182
 2:#s= 1 Cs= 4.00 XC= 100.00 Cr= 14.00 XCr= -62.00 sD= 4186 rD= 182

THINNING: :UVS 1

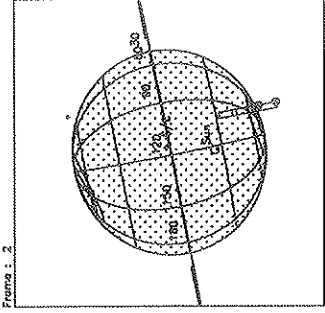
BODY PLOT TIME:TARGET-TIME D= 0 S= 0.400



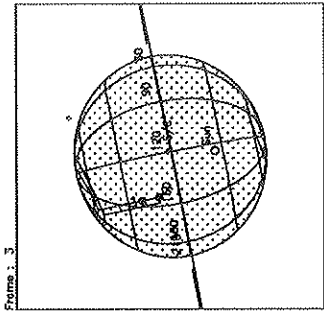
Frame : 0
 UTC : 1996-314 // 05:47:03.412
 SCLK : 1/03689832:0000



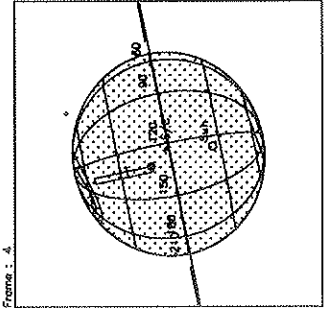
Frame : 1
 UTC : 1996-314 // 05:54:03.412
 SCLK : 1/03689836:0000



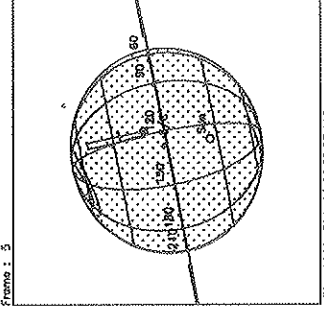
Frame : 2
 UTC : 1996-314 // 06:01:03.412
 SCLK : 1/03689840:0000



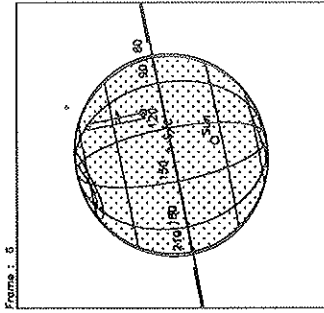
Frame : 3
 UTC : 1996-314 // 06:08:03.412
 SCLK : 1/03689844:0000



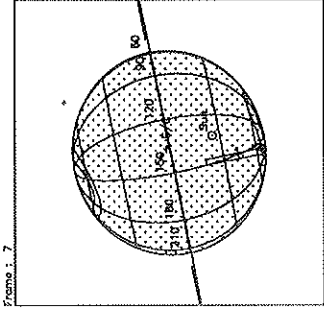
Frame : 4
 UTC : 1996-314 // 06:15:03.412
 SCLK : 1/03689848:0000



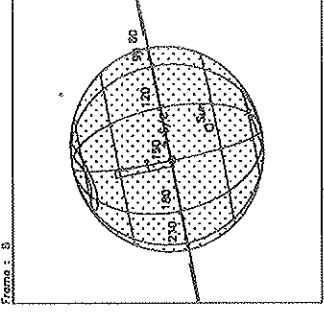
Frame : 5
 UTC : 1996-314 // 06:22:03.412
 SCLK : 1/03689852:0000



Frame : 6
 UTC : 1996-314 // 06:29:03.412
 SCLK : 1/03689856:0000



Frame : 7
 UTC : 1996-314 // 06:36:03.412
 SCLK : 1/03689860:0000

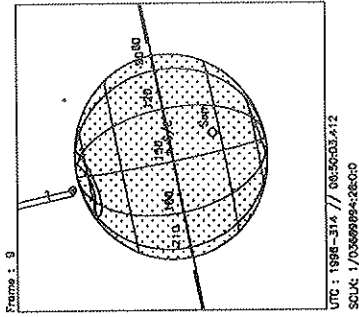


Frame : 8
 UTC : 1996-314 // 06:43:03.412
 SCLK : 1/03689864:0000

Start UTC_TIME : 1996-314 // 05:47:03.412
 End UTC_TIME : 1996-314 // 06:53:47.409
 Start SCLK : 1/03689832:00:00
 Delta Time between FOV : 420:0000
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
 Target Cone/Clock : 109.60 / 77.63 Deg
 S/C to Body Center : 2295601. Km (32.112703 Rj)
 Z-axis Pointing (Ra / Dec) : 2.26 / 2.23 Deg

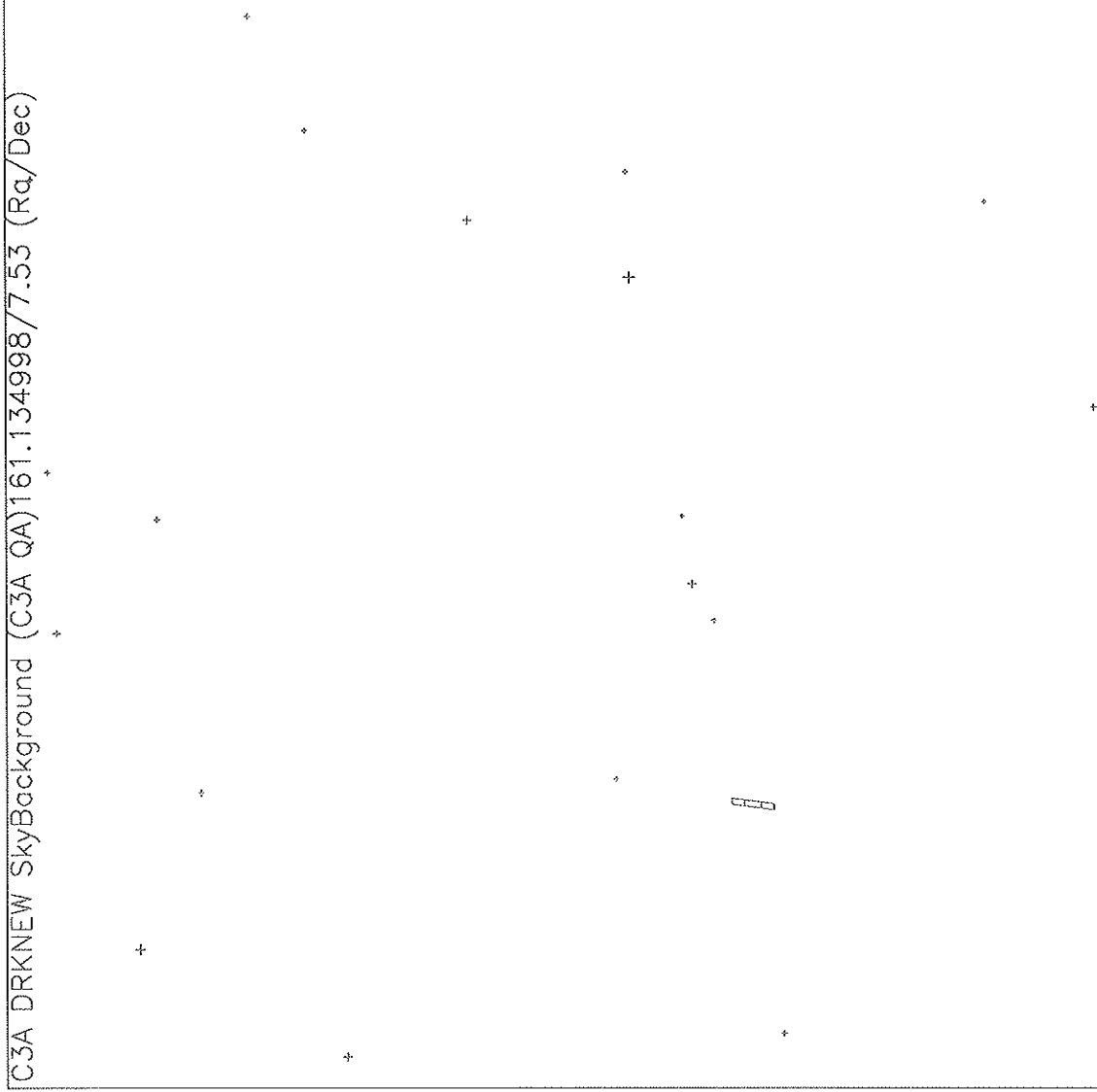
Fri Aug 29 19:46:56 1997



Start UTC_TIME : 1996-314 // 05:47:03.412
End UTC_TIME : 1996-314 // 06:53:47.409
Start SCLK : 1/03689832:00:0
Delta Time between FOV : 420.0000
FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER
Target Cone/Clock : 110.12 / 77.63 Deg
S/C to Body Center : 2321250. Km (32.468868 Rj)
Z-axis Pointing (Ra / Dec) : 2.25 / 2.22 Deg

Wed Oct 9 15:39:23 1996



Start UTC_TIME : 1996-314 // 06:06:16.078
No End Time :
Start SCLK : 1/03689851:00:0:0
Target Body : JUPITER
Target Ra/Dec : 114.81 / 22.55 Deg
S/C to Body Center : 2303520. Km (32.220672 Rj)
Z-axis Pointing (Ra / Dec) : 2.00 / 2.25 Deg