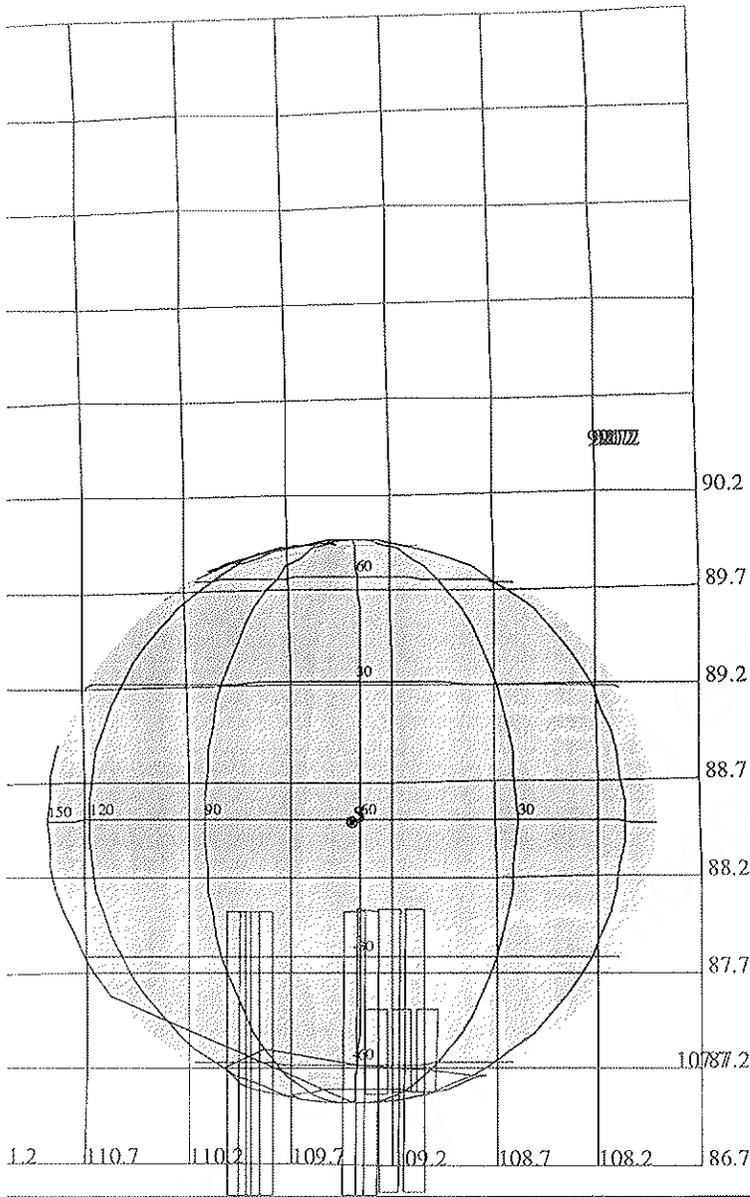


Auroral map

ACTIVITY ID: C3JUAURMAP01-

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

<b>Activity ID:</b> Orbit C3		<b>OAPEL</b> JUAURMAP		<b>SeqNo</b> 01-	
<b>Title</b>	Auroral map			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W.KENTTOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG
<b>Time System</b>	CDS	<b>Load ID</b>	C3A	<b>Calendar Date</b>	11/03/96 Week 44
<b>Start</b>	JEE-CDS 00004939:00:0		96-308/02:13:50.267		JEE-003/11:13:52.666
<b>End</b>	JEE-CDS 00004845:00:0		96-308/03:48:52.933		JEE-003/09:38:50.000
<b>Duration</b>	00000094:00:0		000/01:35:02.666		000/01:35:02.666
<b>Top Label</b>	C3JUAURMAP01-				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	302	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; width: 150px; height: 100px; 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>					
<b>Design Detail</b>					
<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

ILE:P.C3JUAURMAP01

ENTRAL BODY:JUPITER III

INI:m.C3JUAURMAP01

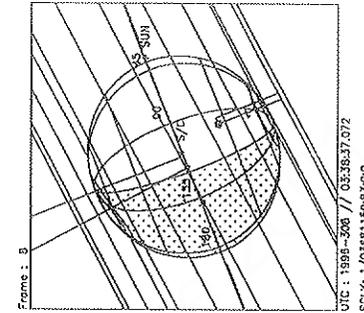
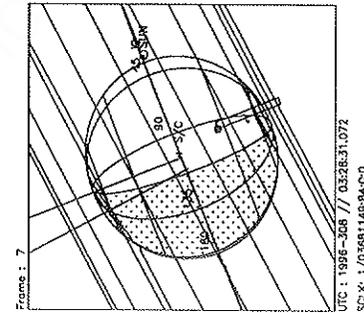
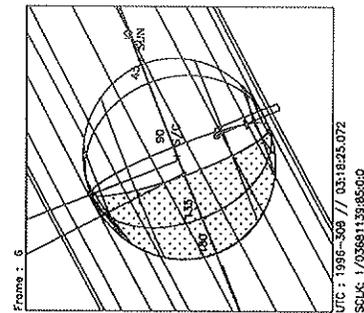
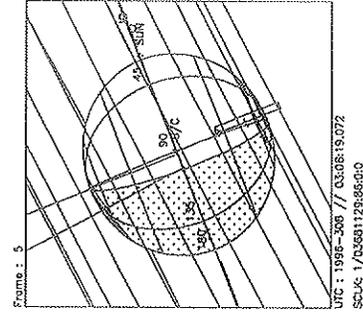
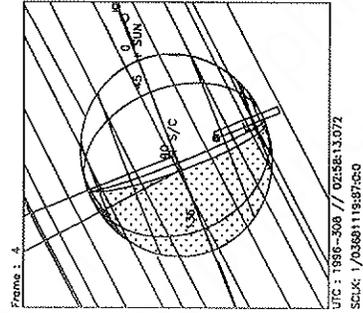
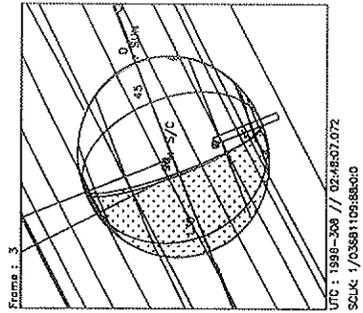
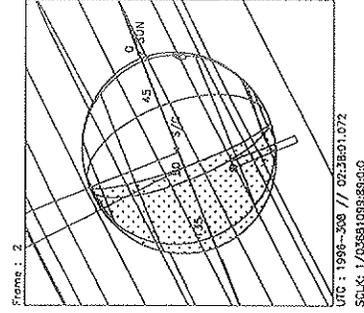
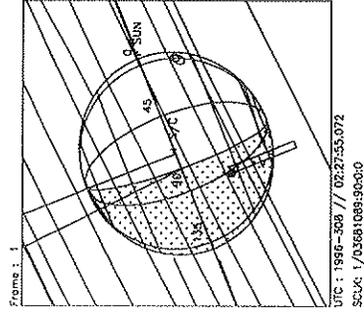
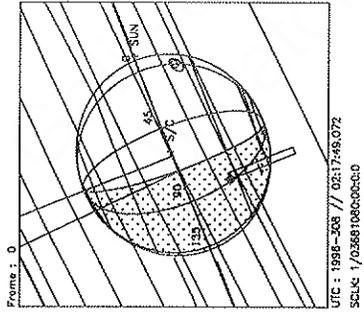
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ENTRAPSIS:

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)

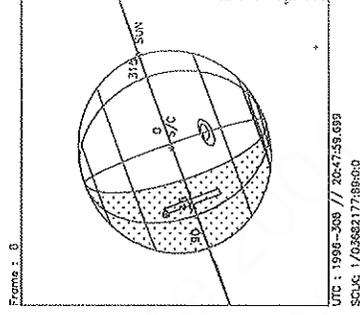
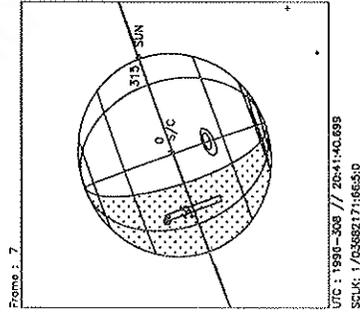
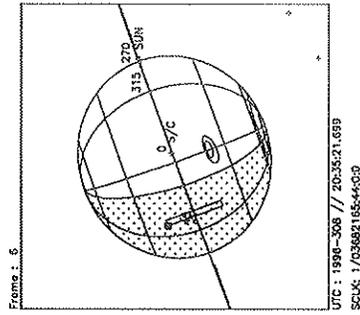
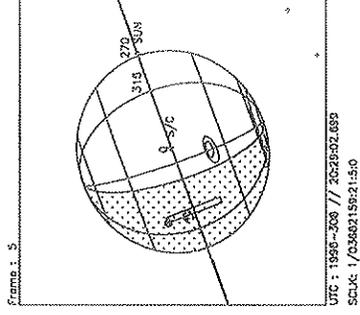
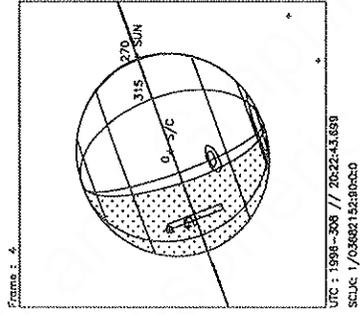
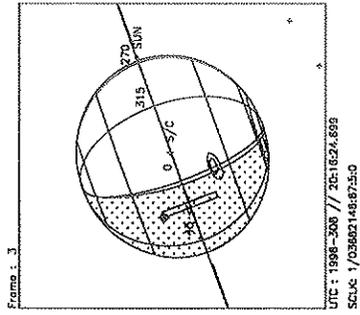
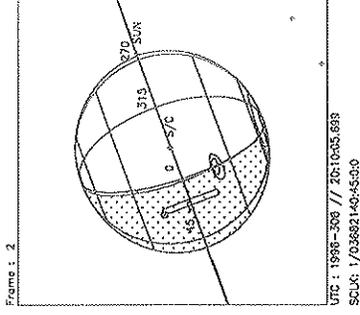
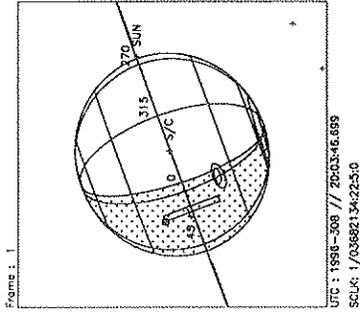
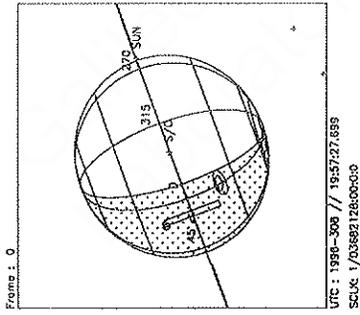
Target Body : JUPITER  
 Target Cone/Clock : 109.40 / 88.50 Deg  
 S/C to Body Center : 27554.32 Km ( 36.541820 Rj )  
 Z-axis Pointing ( Ra / Dec ) : 102.80 / 25.00 Deg

Fixed longitude map

ACTIVITY ID: C3JUFIXLON01-

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

<b>Activity ID:</b> Orbit C3	<b>OAPEL</b> JUFIXLON	<b>SeqNo</b> 01-
<b>Title</b> Fixed longitude map		<b>Instrument</b> UVS
<b>Requestor</b> UVS-AWG/W.KENTTOBISKA	<b>Team</b> UVS	<b>Working Group</b> AWG
<b>Time System</b> CDS	<b>Load ID</b> C3A	<b>Calendar Date</b> 11/03/96 <b>Week</b> 44
<b>Start</b> JEE-CDS 00003891:00:0	96-308/19:53:28.933	JEE-002/17:34:14.000
<b>End</b> JEE-CDS 00003827:00:0	96-308/20:58:11.600	JEE-002/16:29:31.333
<b>Duration</b> 00000064:00:0	000/01:04:42.667	000/01:04:42.667
<b>Top Label</b> C3JUFIXLON01-		
<b>Bottom Label</b> realtime		
<b>Plot Key</b> UVS	<b>Type</b> SCI	
<b>CDS Bytes</b> 222	<b>Report Options</b> BOTH	<b>Scan Platform</b> Yes
<b>CDS Source</b> OAP	<b>Spin State</b> DUAL	<b>DMS</b> No
<b>Observation Objective</b>		
	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.	
<b>Design Detail</b>		
<pre> 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 </pre>		

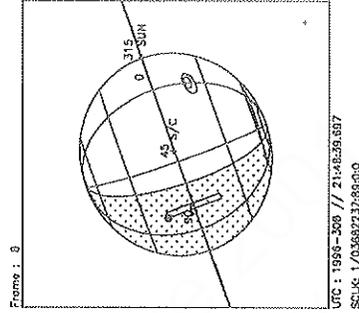
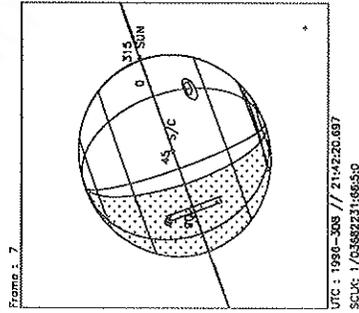
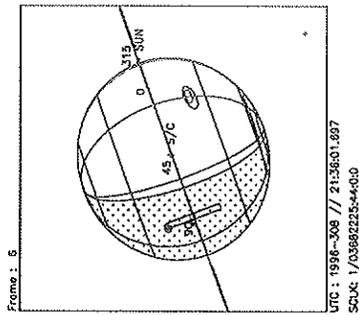
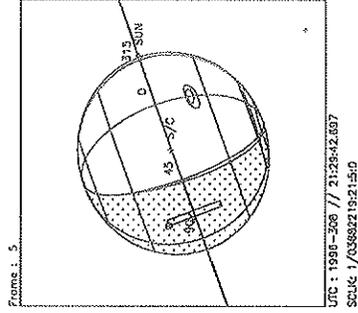
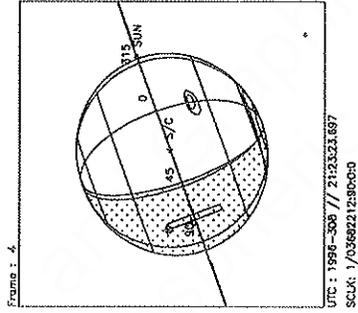
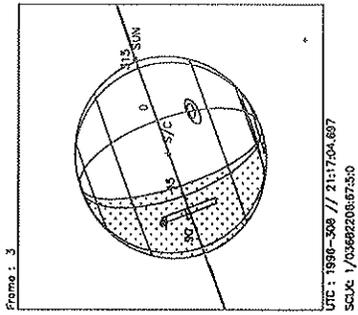
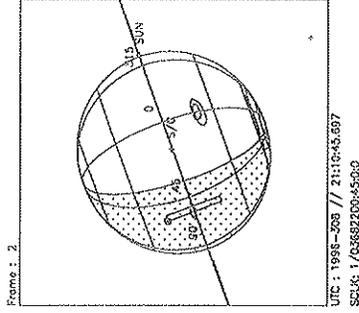
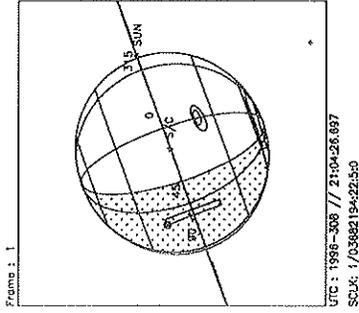
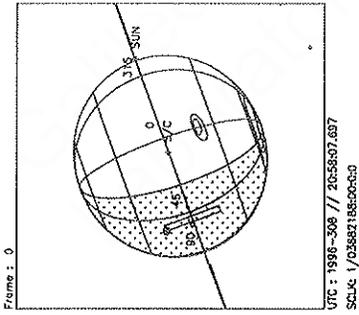


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End UTC\_TIME : 1996-308 // 20:48:01.031  
Start SCLK : 1/03682128:00:0:0  
Delta Time between FOV : 379.0000  
FOVs : N/G Channel(0.5x0.5)

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

<b>Activity ID: Orbit</b> C3		<b>OAPEL</b> JUDRKMAP		<b>SeqNo</b> 01-	
<b>Title</b>	Darkside map			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG
<b>Time System</b>	CDS	<b>Load ID</b>	C3A	<b>Calendar Date</b>	11/03/96
		<b>Week</b>			44
<b>Start</b>	JEE-CDS 00003827:00:0		96-308/20:58:11.600		JEE-002/16:29:31.333
<b>End</b>	JEE-CDS 00003737:00:0		96-308/22:29:11.600		JEE-002/14:58:31.333
<b>Duration</b>	00000090:00:0		000/01:31:00.000		000/01:31:00.000
<b>Top Label</b>	C3JUDRKMAP01-				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	267	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
	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).				
<b>Design Detail</b>					
<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  CSMOS   PLAN_DUR = 25 RIMS (1 slew across a 15 mrad swath) 349LB  28  88+UVFLSH  PACKET,UVS                     </pre>					

C3A IIA

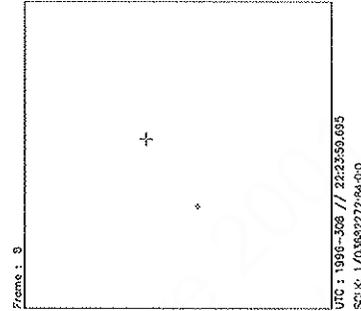
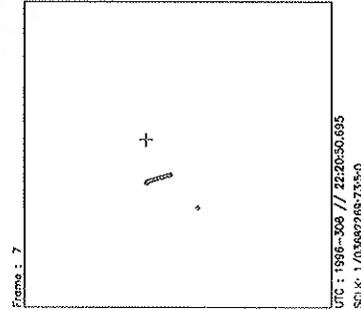
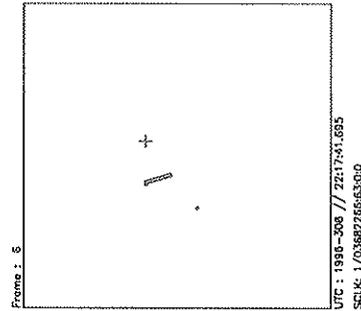
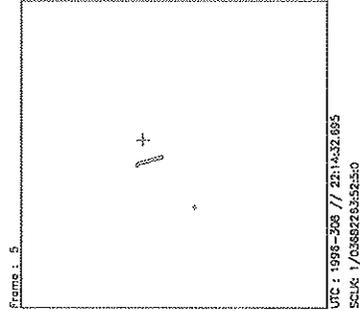
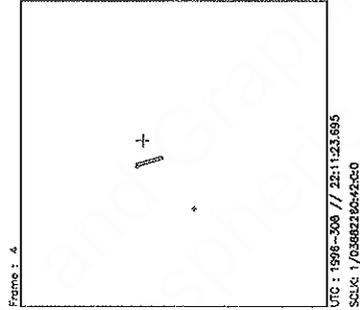
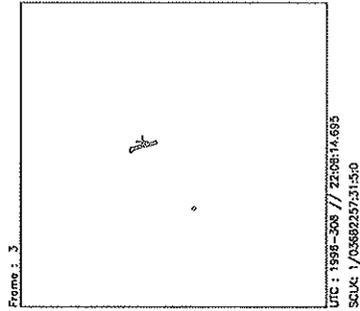
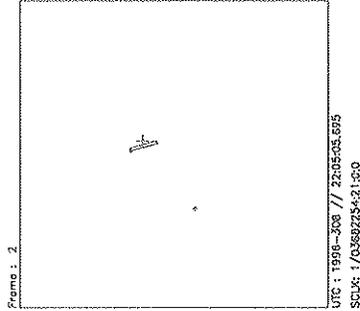
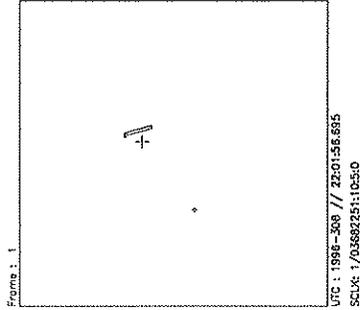
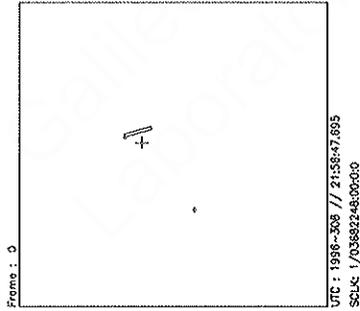


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End UTC\_TIME : 1996-308 // 21:48:41.029  
Start SCLK : 1/03682188:00:00  
Delta Time between FOV : 379.0000  
FOVs : N/G Channel(0.5x0.5)

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

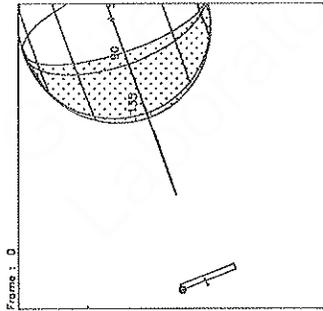
SPICA



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

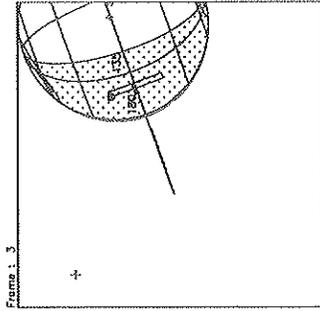
Target Body : JUPITER  
Target Cone/Clock : 117.89 / 88.49 Deg  
S/C to Body Center : 2283414. Km ( 31.939434 Rj )  
Z-axis Pointing ( Ra / Dec ) : 102.80 / 25.00 Deg

<b>Activity ID:</b> Orbit C3	<b>OAPEL</b> JUFIXLON	<b>SeqNo</b> 02-
<b>Title</b>	Fixed longitude map	<b>Instrument</b> UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b> UVS
		<b>Working Group</b> AWG
<b>Time System</b> CDS	<b>Load ID</b> C3A	<b>Calendar Date</b> 11/03/96
		<b>Week</b> 44
<b>Start</b>	JEE-CDS 00003737:00:0	96-308/22:29:11.600
		JEE-002/14:58:31.333
<b>End</b>	JEE-CDS 00003557:00:0	96-309/01:31:11.600
		JEE-002/11:56:31.333
<b>Duration</b>	00000180:00:0	000/03:02:00.000
		000/03:02:00.000
<b>Top Label</b>	C3JUFIXLON02-	
<b>Bottom Label</b>	realtime	
<b>Plot Key</b>	UVS	<b>Type</b> SCI
<b>CDS Bytes</b>	320	<b>Report Options</b> BOTH
		<b>Scan Platform</b> Yes
<b>CDS Source</b>	OAP	<b>Spin State</b> DUAL
		<b>DMS</b> No
<b>Observation Objective</b>		
<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>		
<b>Design Detail</b>		
<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>		



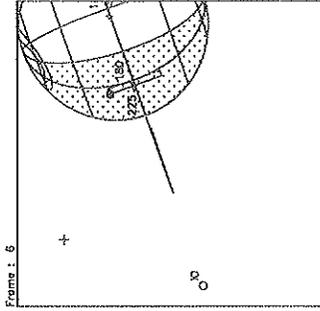
Frame : 0

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



Frame : 3

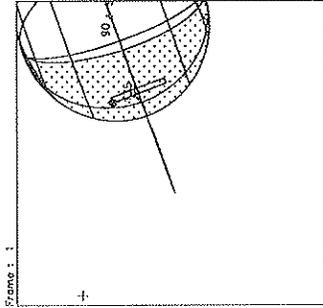
UTC : 1996-308 // 23:33:34.694  
SCLK: 1/036823414875:0



Frame : 6

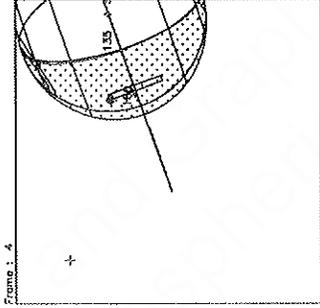
UTC : 1996-309 // 00:36:01.694  
SCLK: 1/03682405440:1

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



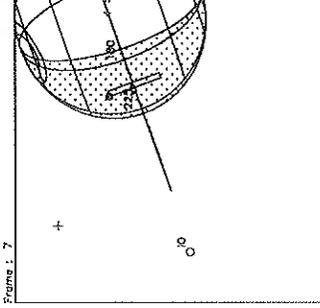
Frame : 1

UTC : 1996-308 // 22:50:36.694  
SCLK: 1/03682298225:0



Frame : 4

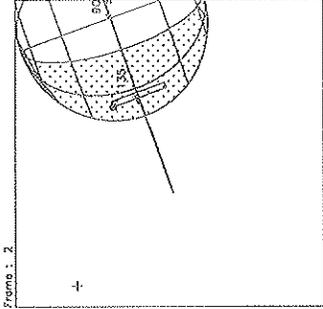
UTC : 1996-308 // 23:55:03.694  
SCLK: 1/036823823000:0



Frame : 7

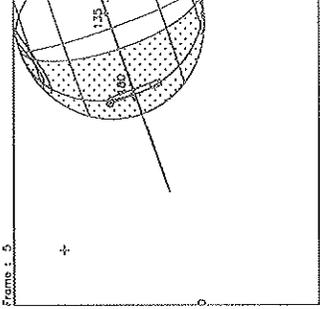
UTC : 1996-309 // 00:59:30.694  
SCLK: 1/03682426665:1

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



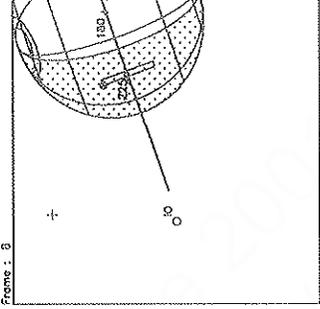
Frame : 2

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



Frame : 5

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

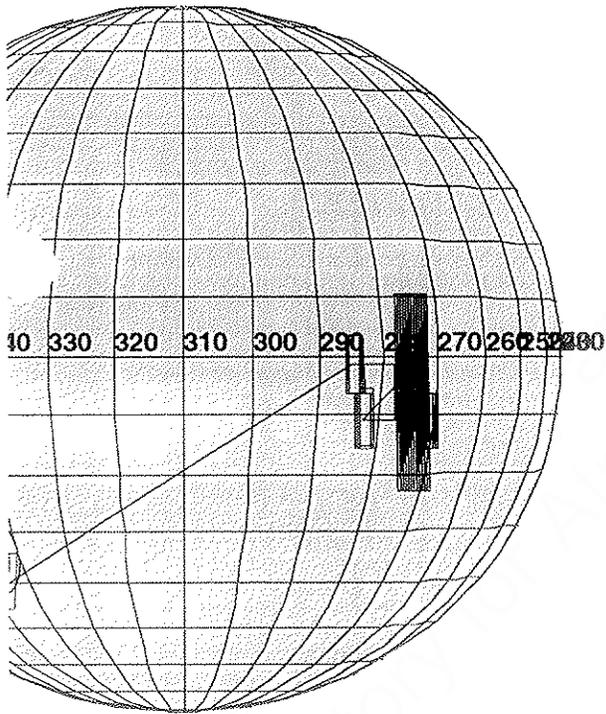


Frame : 8

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

<b>Activity ID:</b> Orbit C3		<b>OAPEL</b> JUFTKR1A		<b>SeqNo</b> 21+	
<b>Title</b>	Belt Zone Boundary Feature Track			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG
<b>Time System</b>	CDS	<b>Load ID</b>	C3A	<b>Calendar Date</b>	11/05/96
		<b>Week</b>			45
<b>Start</b>	JTA-CDS 00000560:00:0		96-310/01:38:05.667		JTA-000/09:26:13.333
<b>End</b>	JTA-CDS 00000551:00:0		96-310/01:47:11.667		JTA-000/09:17:07.333
<b>Duration</b>	00000009:00:0		000/00:09:06.000		000/00:09:06.000
<b>Top Label</b>	C3JUFTKR1A21+				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	317	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	No
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; width: 150px; height: 100px; display: inline-block; vertical-align: top; margin-right: 10px;"></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>					
<b>Design Detail</b>					
<pre> PSID  CDS  RIM  COMMAND  PARAMETERS 384AH  00  00  COMMMT  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>					

<b>Activity ID:</b> Orbit C3		OAPEL JUFTKR1A		<b>SeqNo</b> 22-	
<b>Title</b>		Belt Zone Boundary Feature Track		<b>Instrument</b> UVS	
<b>Requestor</b>		UVS-AWG/W. KENT TOBISKA		<b>Team</b> UVS	
				<b>Working Group</b> AWG	
<b>Time System</b> CDS		<b>Load ID</b> C3A		<b>Calendar Date</b> 11/05/96	
				<b>Week</b> 45	
<b>Start</b>		JTA-CDS 00000551:00:0		96-310/01:47:11.667	
				JTA-000/09:17:07.333	
<b>End</b>		JTA-CDS 00000544:00:0		96-310/01:54:16.334	
				JTA-000/09:10:02.666	
<b>Duration</b>		00000007:00:0		000/00:07:04.667	
				000/00:07:04.667	
<b>Top Label</b>		C3JUFTKR1A22-			
<b>Bottom Label</b>		realtime			
<b>Plot Key</b>		UVS		<b>Type</b> SCI	
<b>CDS Bytes</b>		28		<b>Report Options</b> BOTH	
				<b>Scan Platform</b> Yes	
<b>CDS Source</b>		OAP		<b>Spin State</b> DUAL	
				<b>DMS</b> No	
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <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> </div>					
<b>Design Detail</b>					
<pre> PSID  CDS  RIM  COMMAND  PARAMETERS 384AI  00  00  COMMNT  UVS  RIM  0 349AM  28  06+UVFLSH  PACKET,UVS                     </pre>					



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

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

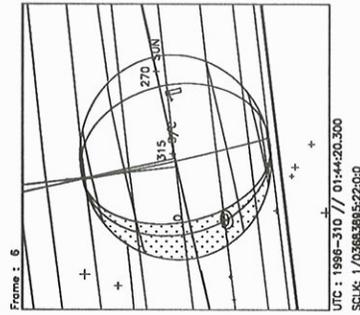
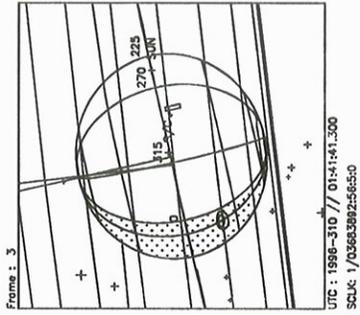
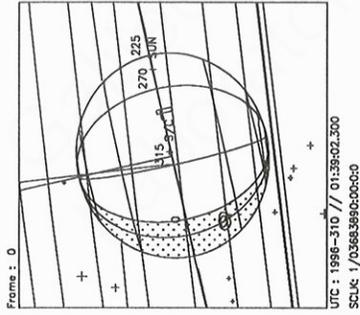
ENTRAPIS:

THINNING: :UVS 1

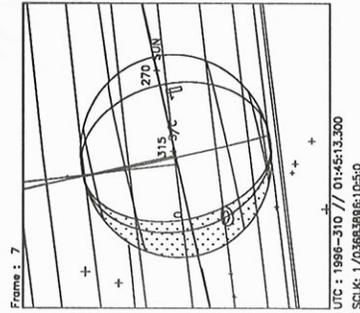
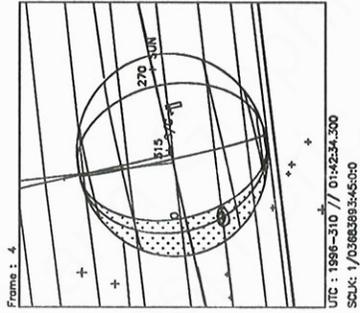
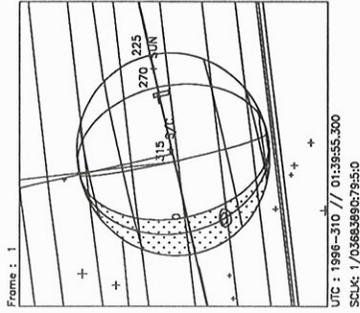
TART:JTA 96-310/11:04:19.000 -CDS 559:00:0

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

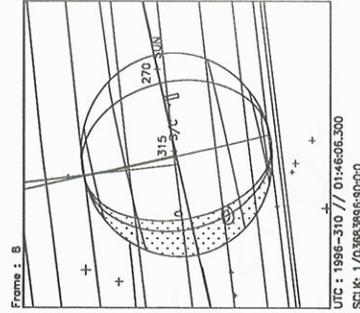
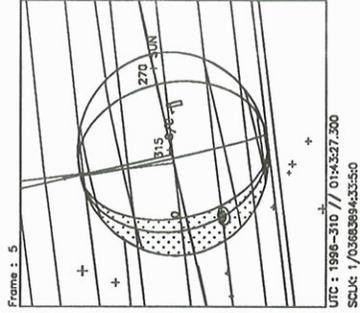
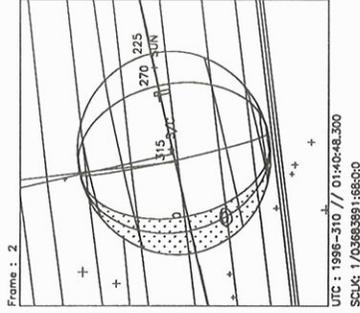
F-Channel



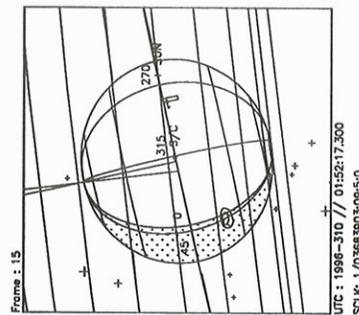
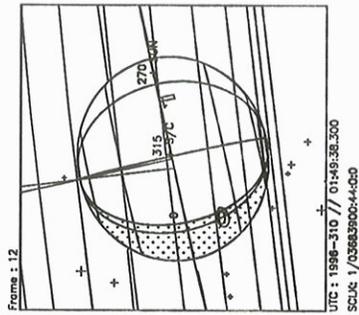
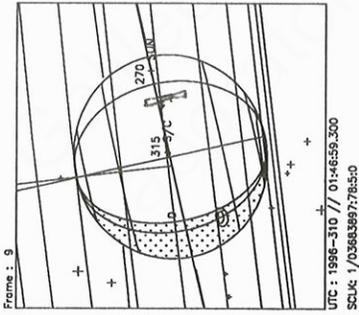
Start UTC\_TIME : 1996-310 // 01:39:02.300  
End UTC\_TIME : 1996-310 // 01:54:12.300  
Start SCLK : 1/03683890:00:0:0  
Delta Time between FOV : 53.00000  
FOVs : F Channel(0.1x0.4)



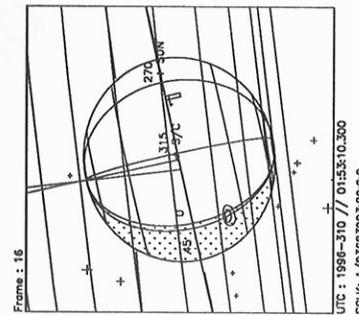
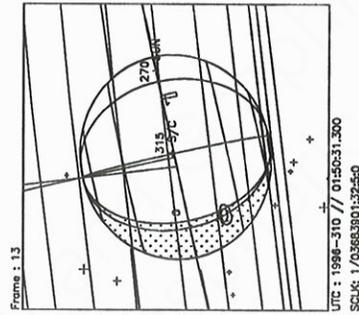
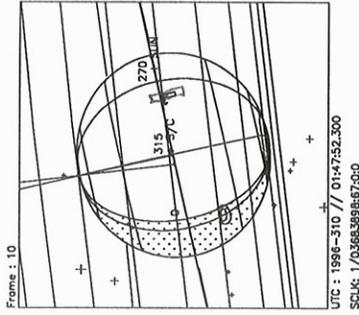
Target Body : JUPITER  
Target Cone/Clock : 138.36 / 88.72 Deg  
S/C to Body Center : 1538185. Km ( 21.515479 Rj )  
Z-axis Pointing ( Ra / Dec ) : 102.80 / 25.00 Deg



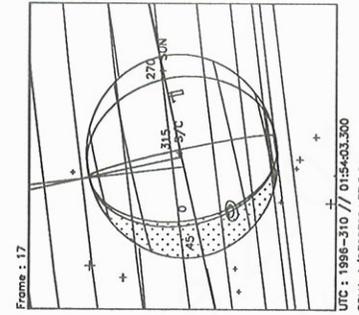
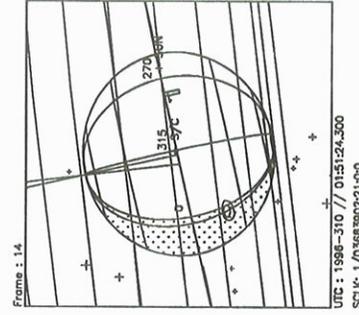
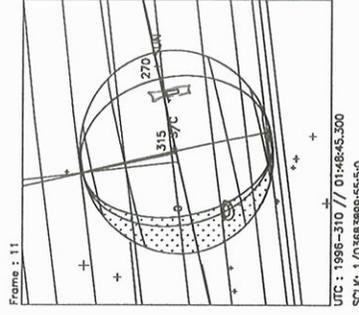
*This peak  
is all  
G-channel*



Start UTC\_TIME : 1996-310 // 01:39:02.300  
 End UTC\_TIME : 1996-310 // 01:54:12.300  
 Start SCLK : 1/03663990:00:00  
 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



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

---

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

---

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

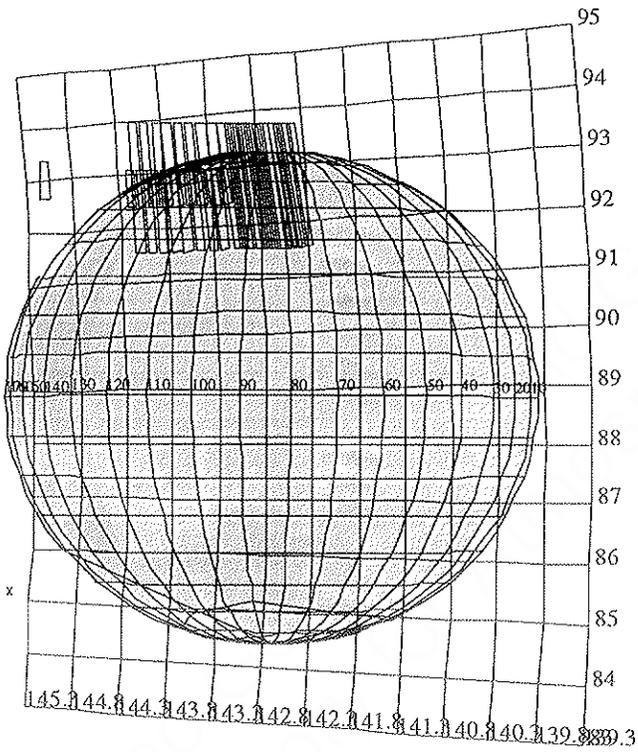
[NOTE: See greensheet #60.]

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**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

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

---

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

---

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

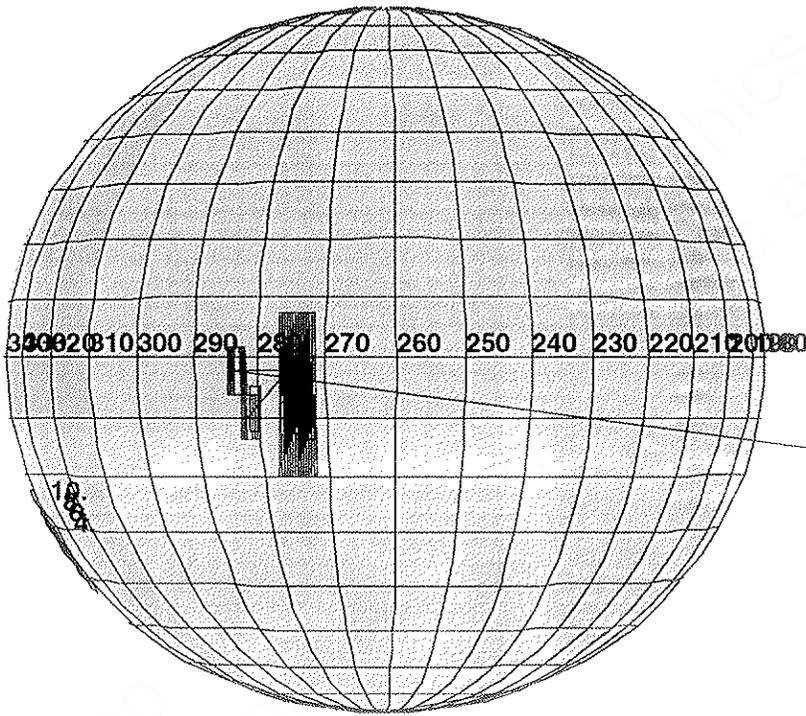
---

**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
    
```

<b>Activity ID:</b> Orbit C3	<b>OAPEL</b> JUFTKR2A	<b>SeqNo</b> 12-
<b>Title</b>	Belt Zone Boundary Feature Track	<b>Instrument</b> UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b> UVS
		<b>Working Group</b> AWG
<b>Time System</b> CDS	<b>Load ID</b> C3A	<b>Calendar Date</b> 11/05/96
		<b>Week</b> 45
<b>Start</b>	JTA-CDS 00000023:00:0	96-310/10:41:03.667
		JTA-000/00:23:15.333
<b>End</b>	JTA-CDS 00000016:00:0	96-310/10:48:08.334
		JTA-000/00:16:10.666
<b>Duration</b>	00000007:00:0	000/00:07:04.667
		000/00:07:04.667
<b>Top Label</b>	C3JUFTKR2A12-	
<b>Bottom Label</b>	realtime	
<b>Plot Key</b>	UVS	<b>Type</b> SCI
<b>CDS Bytes</b>	28	<b>Report Options</b> BOTH
		<b>Scan Platform</b> Yes
<b>CDS Source</b>	OAP	<b>Spin State</b> DUAL
		<b>DMS</b> No
<b>Observation Objective</b>		
	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.	
	Realtime observation at 10 bps format; full G/G scan set up by observation immediately preceding this one. Distance from Jupiter = 16 R <sub>J</sub> .	
	Last cn/ck = TBD.	
<b>Design Detail</b>		
PSID CDS RIM COMMAND PARAMETERS 384AS 00 00 COMMNT UVS RIM 0 349KI 28 06+UVFLSH PACKET,UVS		



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

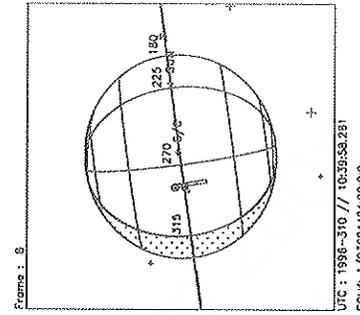
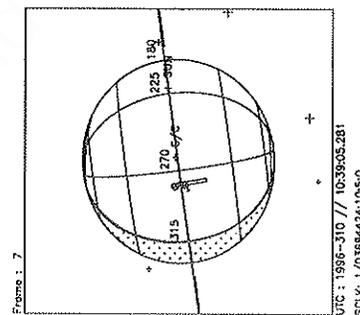
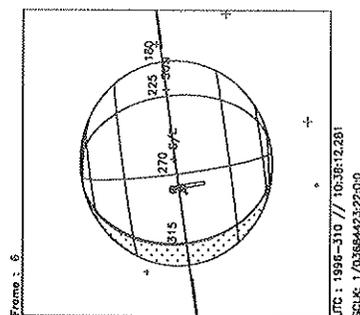
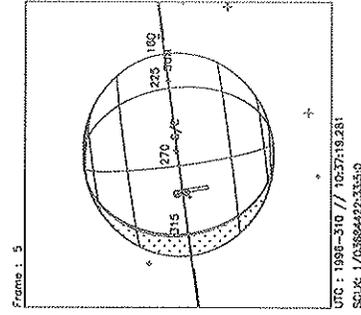
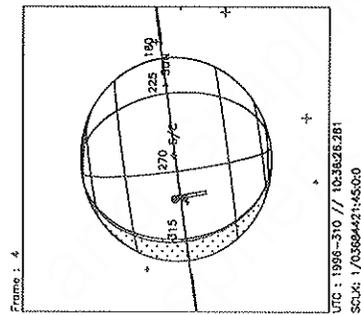
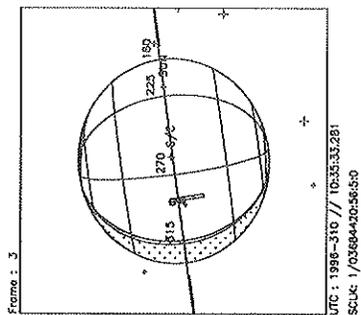
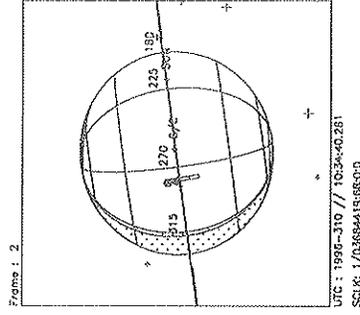
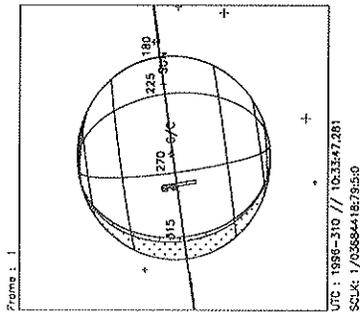
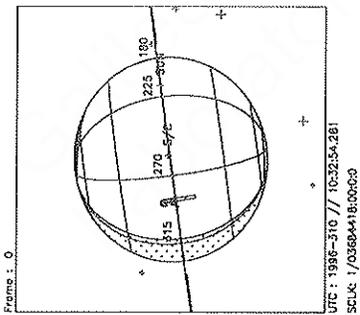
165CX:TT= 0 TMC= 1 C= 3.50 XC= 3.50 BS= 0/3123 TC= 1(-6 280 )  
 A= 182 pD= 0 SR=17.450 RA50=250.94 DEC50=-24.28 cone=151.10 clock= 89.00  
 117CX:#SB= 5 OR=17.000 RR=17.000 BM=F RC= 1 BS= 0/3123  
 1:#s= 1 Cs= 0.00 XCs= 0.00 Cr= 7.00 XCr= 0.00 sD= 272 rD= 92  
 2:#s= 1 Cs= 0.00 XCs= 0.00 Cr= -7.00 XCr=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

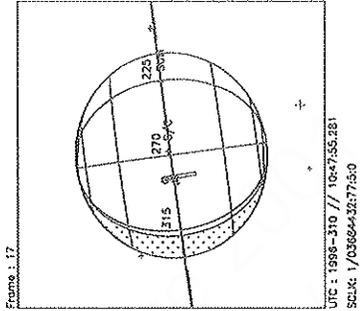
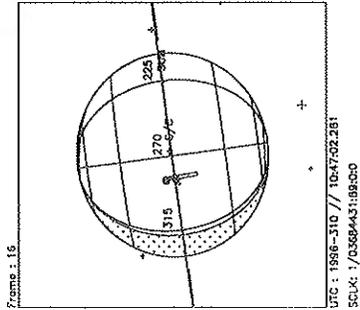
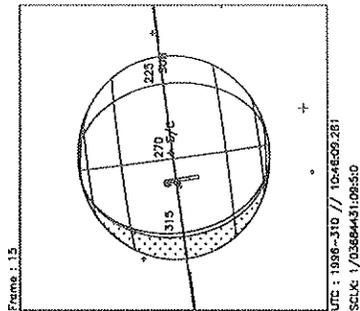
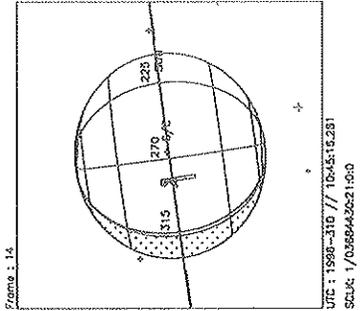
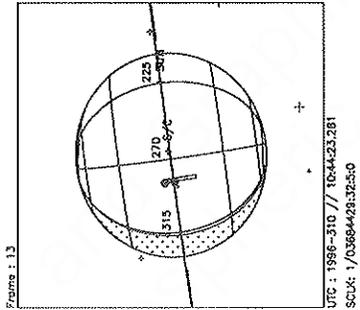
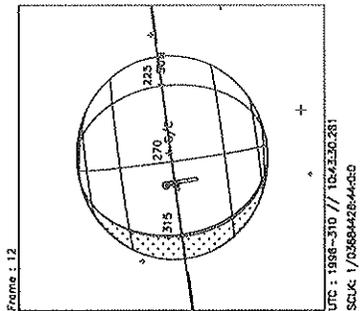
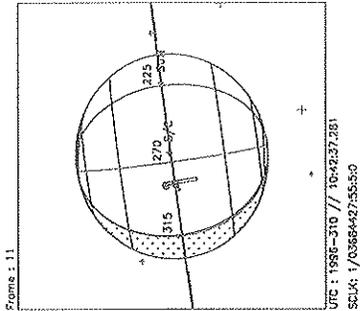
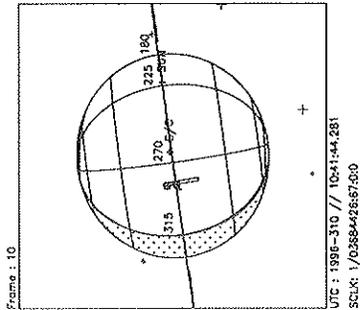
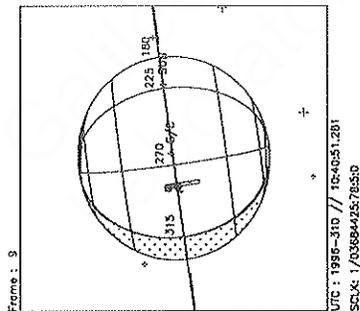
C3A1A

Wed Sep 25 15:07:02 1996



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

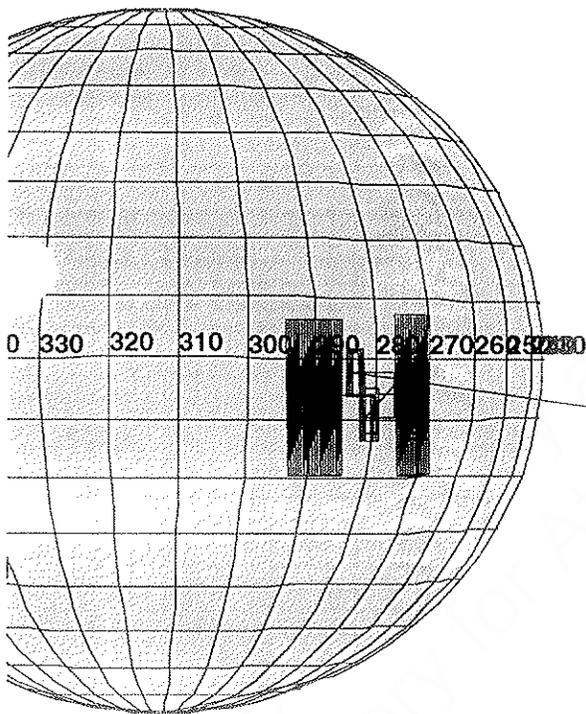


Start UTC\_TIME : 1996-310 // 10:32:54.281  
End UTC\_TIME : 1996-310 // 10:48:04.280  
Start SCLK : 1/03684418:00:00  
Delta Time between FOV : 53.00000  
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

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

<b>Activity ID:</b> Orbit C3		<b>OAPEL</b> JUFTKR2A		<b>SeqNo</b> 21+	
<b>Title</b>	Belt Zone Boundary Feature Track			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W. KENTTOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG
<b>Time System</b>	CDS	<b>Load ID</b>	C3A	<b>Calendar Date</b>	11/05/96 Week 45
<b>Start</b>	JTA+CDS 00000055:00:0		96-310/11:59:55.666		JTA+000/00:55:36.666
<b>End</b>	JTA+CDS 00000064:00:0		96-310/12:09:01.666		JTA+000/01:04:42.666
<b>Duration</b>	00000009:00:0		000/00:09:06.000		000/00:09:06.000
<b>Top Label</b>	C3JUFTKR2A21+				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	330	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	No
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
<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 (C3JSEBZONEB03-) 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>					
<b>Design Detail</b>					
<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>					

<b>Activity ID:</b>	Orbit C3	<b>OAPEL</b>	JUFTKR2A	<b>SeqNo</b>	22-
<b>Title</b>	Belt Zone Boundary Feature Track			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W.KENT TOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG
<b>Time System</b>	CDS	<b>Load ID</b>	C3A	<b>Calendar Date</b>	11/05/96
				<b>Week</b>	45
<b>Start</b>	JTA+CDS 00000064:00:0		96-310/12:09:01.666		JTA+000/01:04:42.666
<b>End</b>	JTA+CDS 00000083:00:0		96-310/12:28:14.333		JTA+000/01:23:55.333
<b>Duration</b>	00000019:00:0		000/00:19:12.667		000/00:19:12.667
<b>Top Label</b>	C3JUFTKR2A22-				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	56	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
	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.				
<b>Design Detail</b>					
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

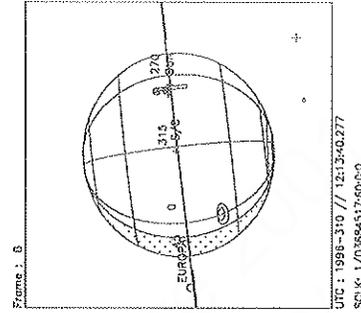
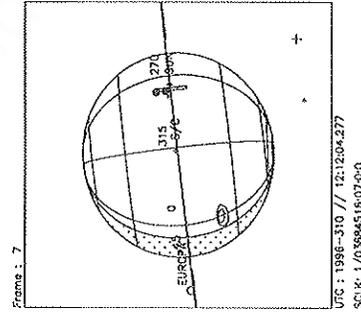
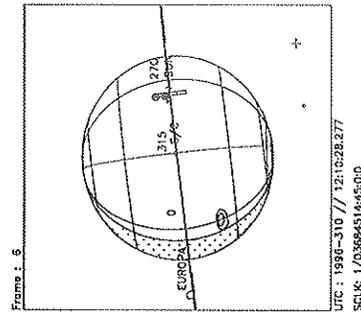
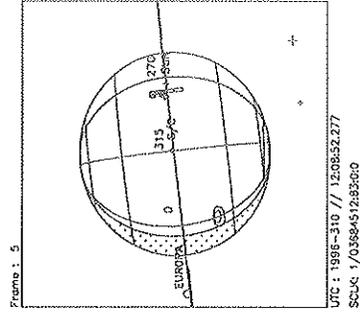
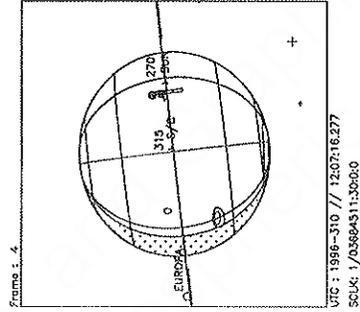
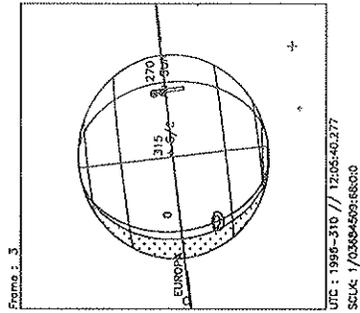
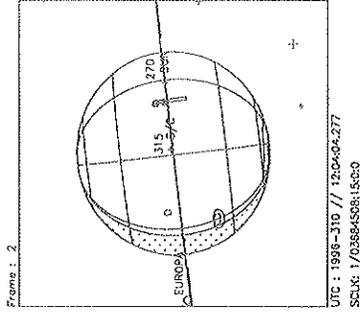
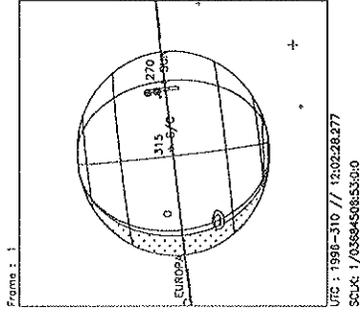
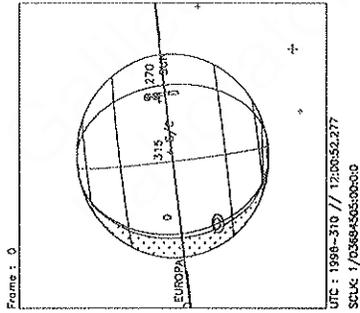
117AM:#SB= 6 OR=17.000 RR=17.000 BM=F RC= 1 BS= 0/8957

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

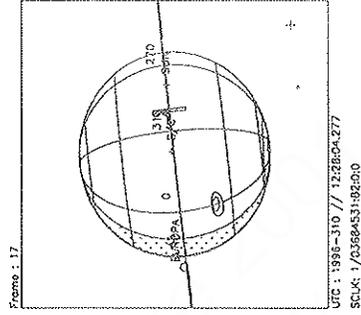
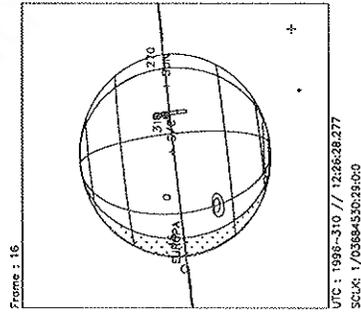
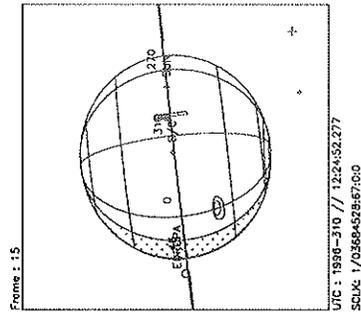
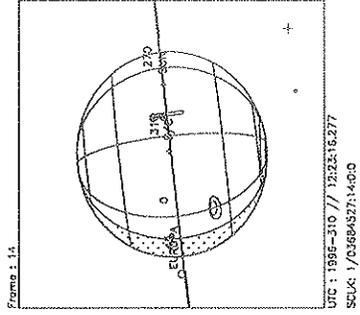
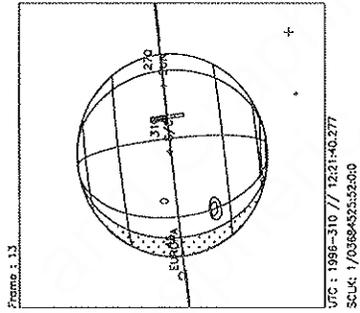
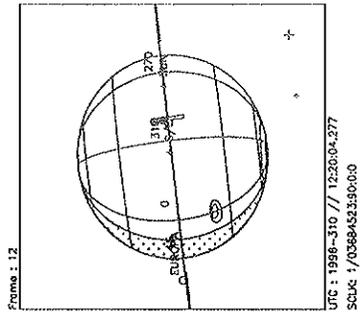
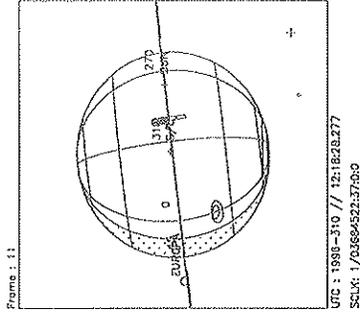
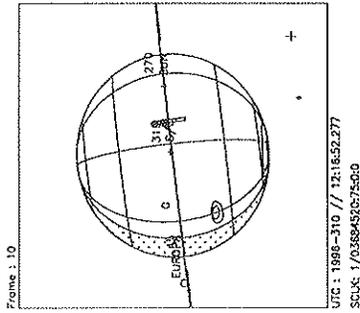
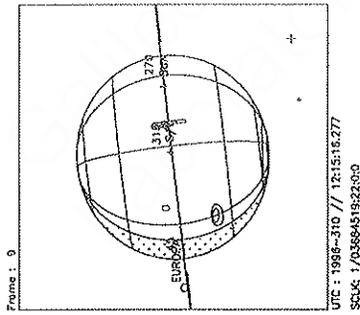
BODY PLOT TIME:START-TIME D= 0 S= 1.000

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 : 1/03684505:00:0  
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 )  
Z-axis Pointing ( Ra / Dec ) : 102.80 / 25.00 Deg

<b>Activity ID:</b> Orbit C3		<b>OAPEL</b> JUFTKR2A		<b>SeqNo</b> 31+	
<b>Title</b>	Belt Zone Boundary Feature Track			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG
<b>Time System</b>	CDS	<b>Load ID</b>	C3A	<b>Calendar Date</b>	11/05/96
				<b>Week</b>	45
<b>Start</b>	JTA+CDS 00000115:00:0		96-310/13:00:35.666		JTA+000/01:56:16.666
<b>End</b>	JTA+CDS 00000124:00:0		96-310/13:09:41.666		JTA+000/02:05:22.666
<b>Duration</b>	00000009:00:0		000/00:09:06.000		000/00:09:06.000
<b>Top Label</b>	C3JUFTKR2A31+				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	235	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	No
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
<p>AWG belt zone boundary (-6/280 lat/lon) feature track (JTA epoch), rotation 2, solar phase angle 37 deg, emission angle 3, following SSI (C3JSEBZONEB04-) 2x2.</p> <p>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.</p> <p>Last cn/ck = TBD.</p>					
<b>Design Detail</b>					
<pre> 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                     </pre>					

<b>Activity ID:</b> Orbit C3	<b>OAPEL</b> JUFTKR2A	<b>SeqNo</b> 32+
<b>Title</b>	Belt Zone Boundary Feature Track	<b>Instrument</b> UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b> UVS
		<b>Working Group</b> AWG

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<b>Time System</b> CDS	<b>Load ID</b> C3A	<b>Calendar Date</b> 11/05/96	<b>Week</b> 45
<b>Start</b>	JTA+CDS 00000124:00:0	96-310/13:09:41.666	JTA+000/02:05:22.666
<b>End</b>	JTA+CDS 00000131:00:0	96-310/13:16:46.333	JTA+000/02:12:27.333
<b>Duration</b>	00000007:00:0	000/00:07:04.667	000/00:07:04.667

---

<b>Top Label</b>	C3JUFTKR2A32+		
<b>Bottom Label</b>	realtime		
<b>Plot Key</b>	UVS	<b>Type</b>	SCI
<b>CDS Bytes</b>	28	<b>Report Options</b>	BOTH
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL
		<b>Scan Platform</b>	Yes
		<b>DMS</b>	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.

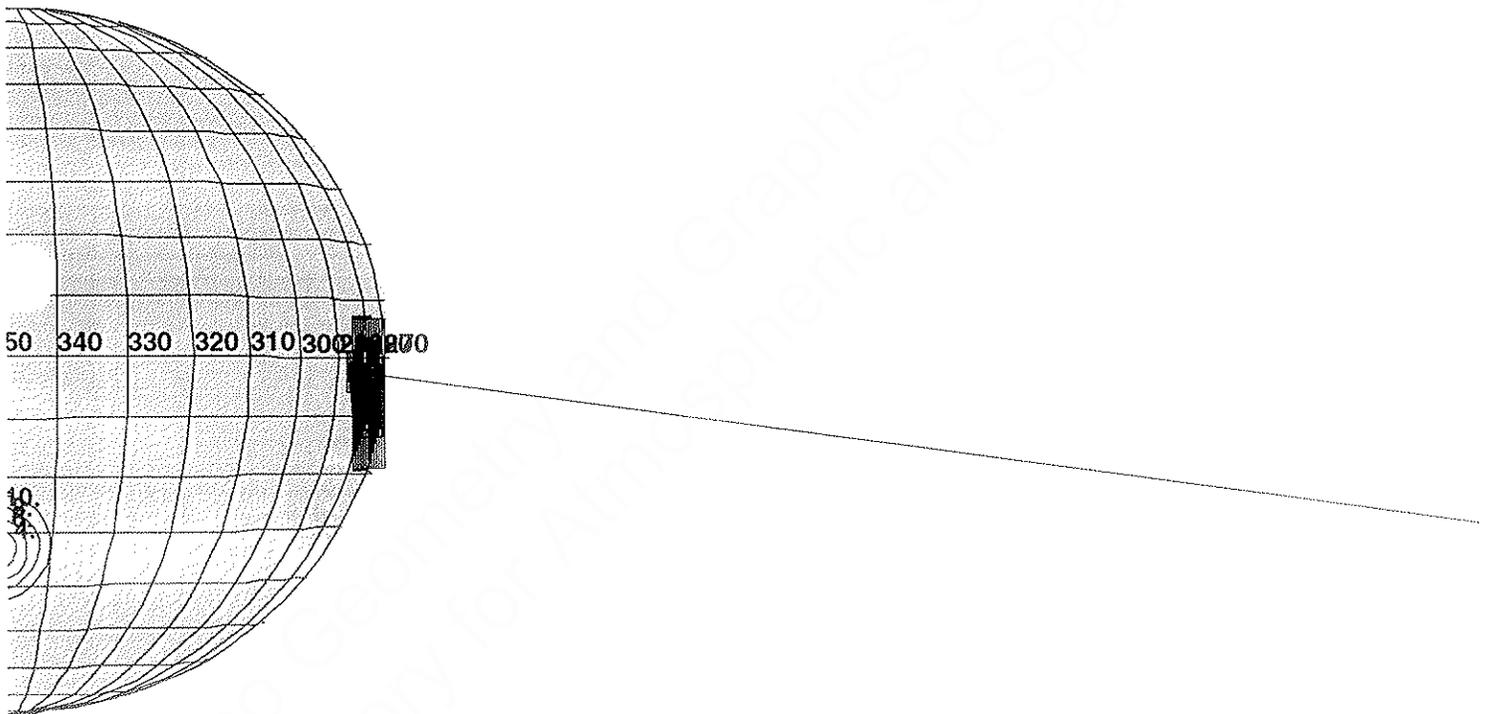
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**Design Detail**

```

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]
    
```



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

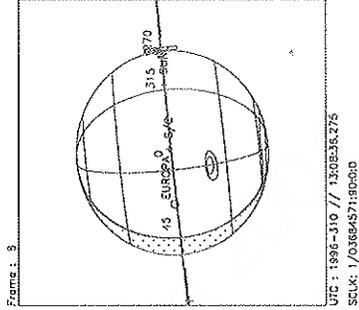
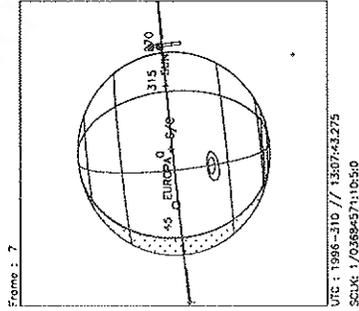
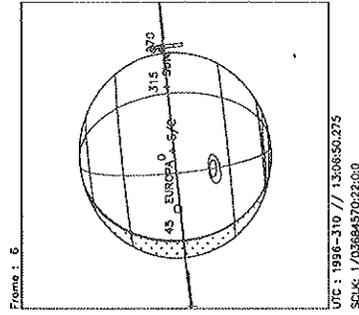
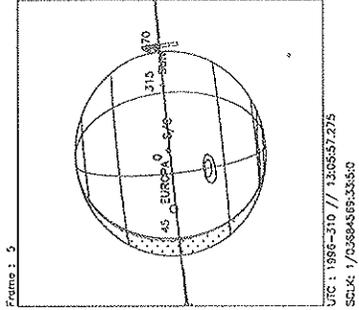
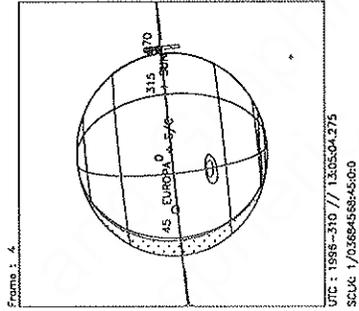
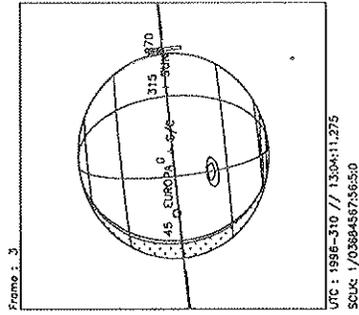
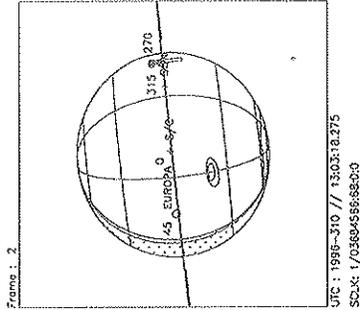
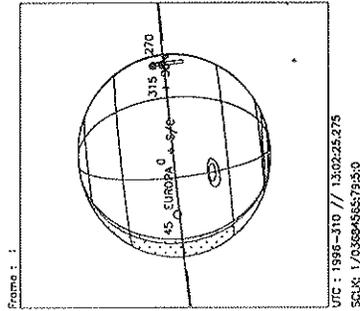
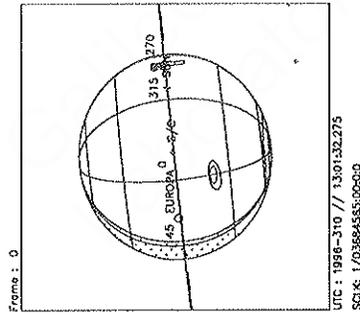
PH:/DATA/NAVIO/T-960909-TOUR.NS

APSIS:

THINNING: :UVS 1

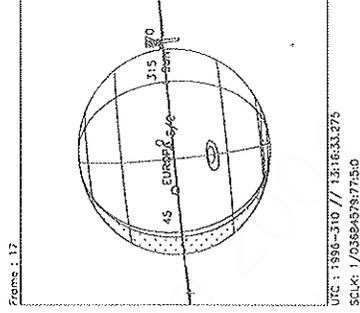
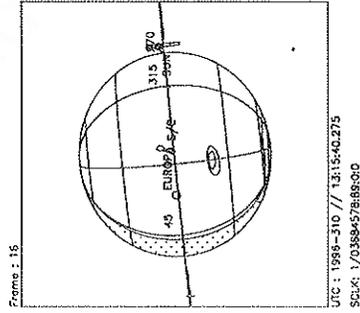
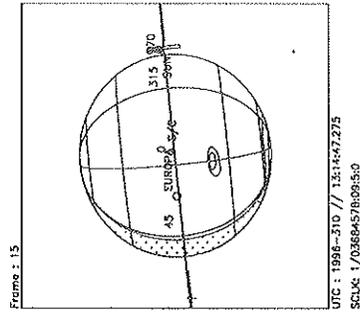
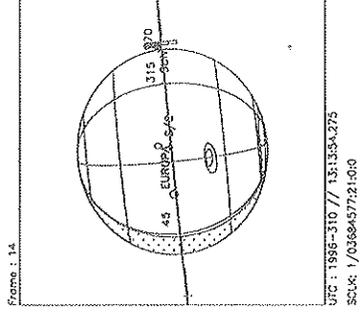
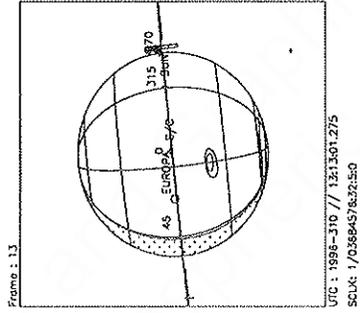
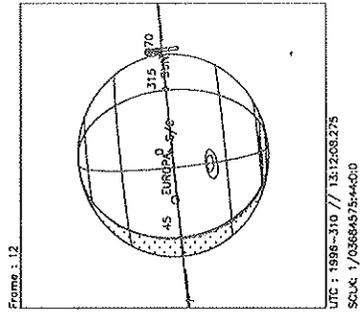
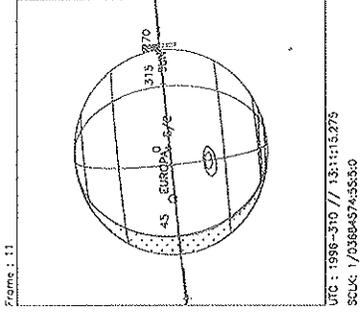
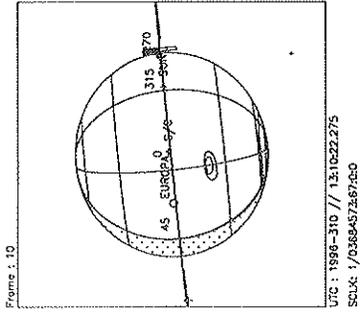
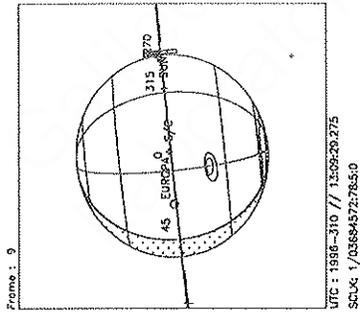
TART:JTA 96-310/11:04:19.000 +CDS 116:00:0

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)

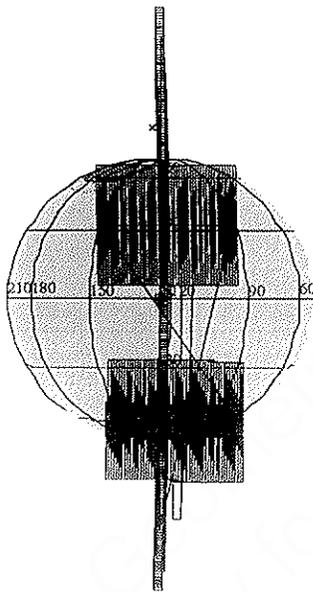
Target Body : JUPITER  
Target Cone/Clock : 153.92 / 89.38 Deg  
S/C to Body Center : 1201723. Km ( 16.809200 Ri )  
Z-axis Pointing ( Ro / Dec ) : 102.80 / 25.00 Deg



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

<b>Activity ID:</b>	Orbit C3	OAPEL JUDRKNEW	<b>SeqNo</b>	01-			
<b>Title</b>	North-south-east-west map		<b>Instrument</b>	UVS			
<b>Requestor</b>	UVS-AWG/W.KENT TOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG		
<b>Time System</b>	CDS	<b>Load ID</b>	C3A	<b>Calendar Date</b>	11/09/96	<b>Week</b>	45
<b>Start</b>	JOC-CDS 00000027:00:0		96-314/05:41:03.466		JOC-000/00:27:18.000		
<b>End</b>	JOC+CDS 00000045:00:0		96-314/06:53:51.466		JOC+000/00:45:30.000		
<b>Duration</b>	00000072:00:0		000/01:12:48.000		000/01:12:48.000		
<b>Top Label</b>	C3JUDRKNEW01-						
<b>Bottom Label</b>	recorded						
<b>Plot Key</b>	UVS	<b>Type</b>	SCI				
<b>CDS Bytes</b>	386	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes		
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b>	Yes		
<b>Observation Objective</b>							
<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>							
<b>Design Detail</b>							
<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

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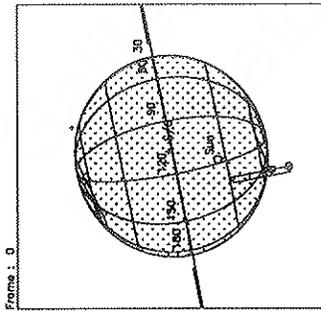
PH/APISIS:

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

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 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

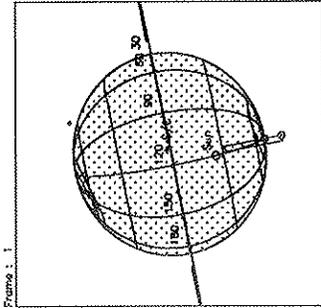
THINNING: :UVS 1

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



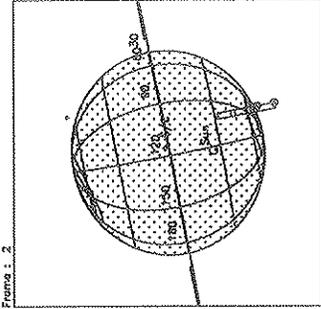
Frame : 0

UTC : 1996-314 // 05:47:03.412  
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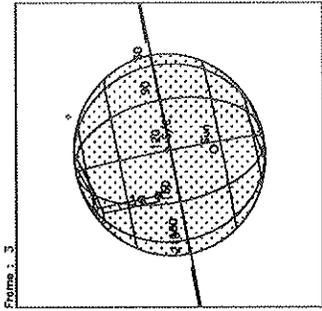
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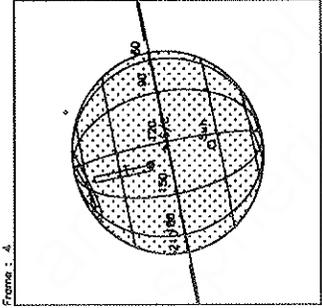
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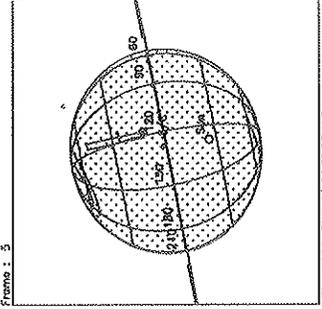
Frame : 3

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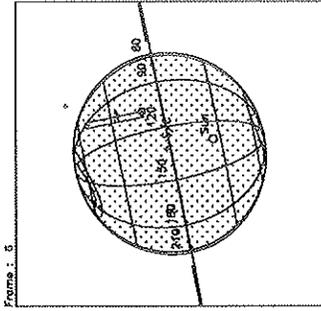
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SCLK : 1/03689859:030:0



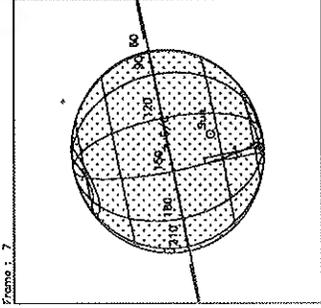
Frame : 5

UTC : 1996-314 // 06:22:03.412  
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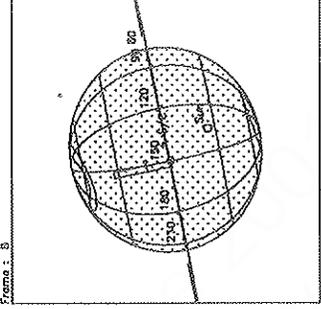
Frame : 6

UTC : 1996-314 // 06:29:03.412  
SCLK : 1/03689873:490:0



Frame : 7

UTC : 1996-314 // 06:36:03.412  
SCLK : 1/03689880:420:0



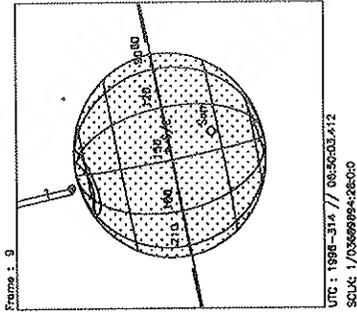
Frame : 8

UTC : 1996-314 // 06:43:03.412  
SCLK : 1/03689887:350:0

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 : 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

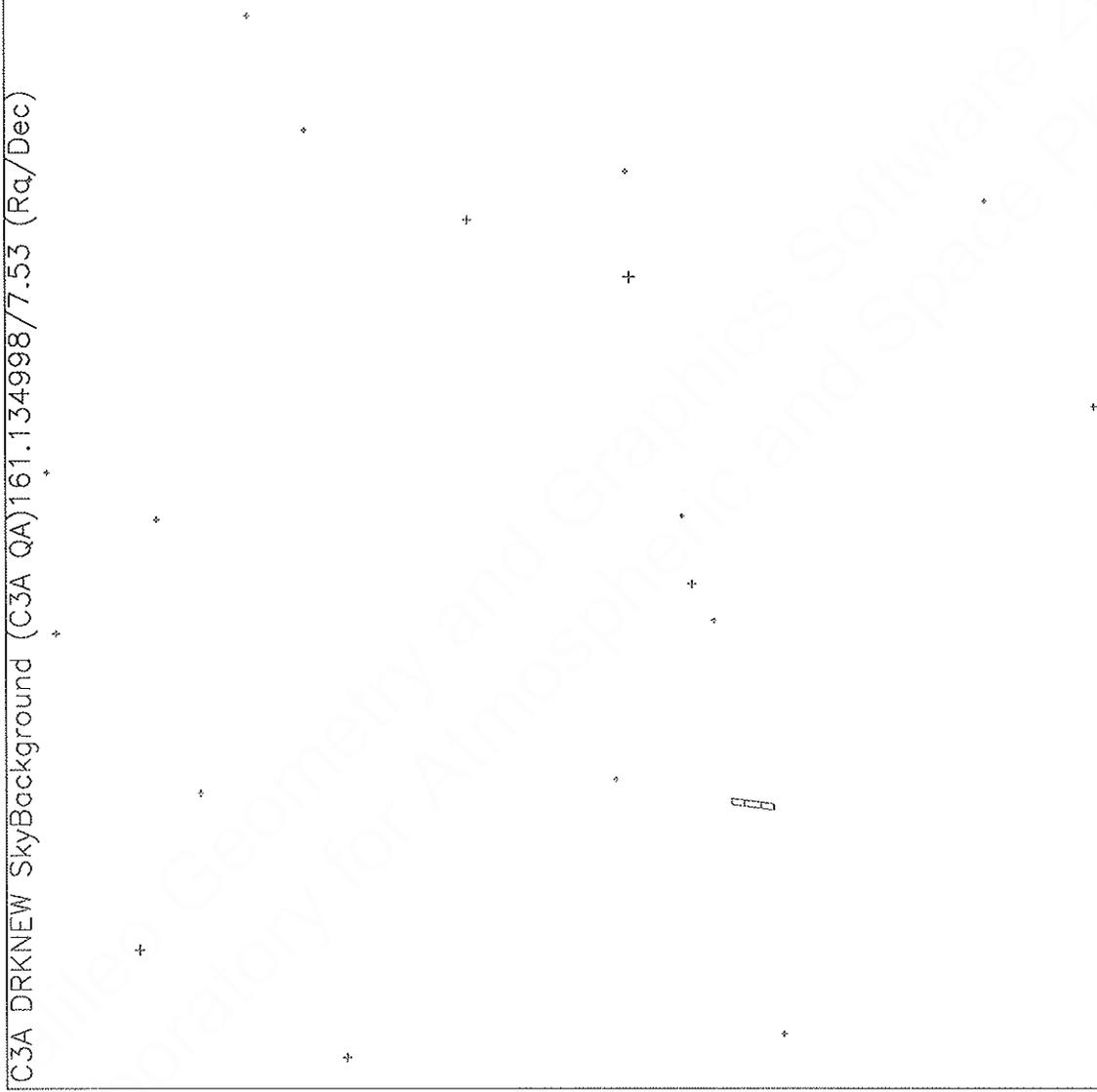


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End UTC\_TIME : 1996-314 // 06:53:47.409  
Start SCLK : 1/03689832:00:0  
Delta Time between FOV : 420.0000  
FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

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

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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