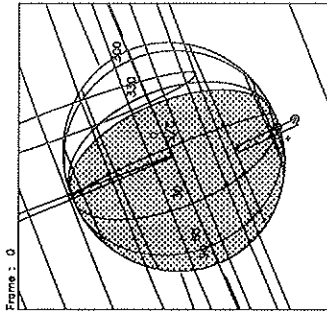
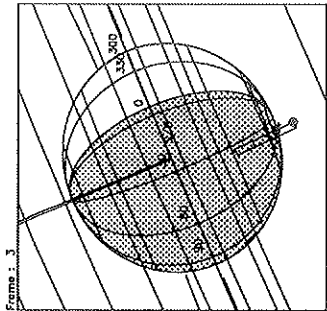


<b>Activity ID:</b> Orbit 11		OAPEL HUSTRCAL		<b>SeqNo</b> 01-	
<b>Title</b>	Star Calibration			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG
<b>Time System</b>	CDS	<b>Load ID</b>	11A	<b>Calendar Date</b>	11/02/97
				<b>Week</b>	44
<b>Start</b>	JEE-CDS 00005957:00:0		97-306/20:18:25.333		JEE-004/04:23:11.333
<b>End</b>	JEE-CDS 00005833:00:0		97-306/22:23:48.000		JEE-004/02:17:48.666
<b>Duration</b>	00000124:00:0		000/02:05:22.667		000/02:05:22.667
<b>Top Label</b>	11HUSTRCAL01-				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	334	<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>					
	Star calibration at the end of the tour on delta-Scorpii (same star as in G1, C3, and C9 calibrations) at RA/Dec = 239.34/-22.48; type B02, mag 2.5. Second calibration on Vega at RA/Dec = 278.8/38.7; type A08, mag 0.1.				
	Realtime observation at 10 bps for 2.0 hours; F/G full scan. Distance from Jupiter = 44 Rj.				
	Last cn/ck = TBD.				
<b>Design Detail</b>					
<pre> PSID  CDS  RIM  COMMAND  PARAMETERS 384AA  00  00  COMMENT  UVS RIM  0  61AA  28  02+LOOPER  DUR = 30 RIMS; REPEAT = 4 (157AA) 349AA  28  03+UVFLSH  DISCRD,UVS 157AA  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 165AA  27  04  TARGET  RA/Dec = 239.34/-22.48 (includes offset = -8 mrad) (d-Sco) 117AA  37  04  CSMOS   2 strips (1 sub-csmos) 349AB  28  23+UVFLSH  PACKET,UVS (1) 349AC  28  53+UVFLSH  PACKET,UVS (2) 165AZ  27  64  TARGET  RA/Dec = 278.8/38.7 (includes offset = -8 mrad) (Vega) 117AZ  37  64  CSMOS   2 strips (1 sub-csmos) 349AD  28  83+UVFLSH  PACKET,UVS (3) 349AE  28  113+UVFLSH  PACKET,UVS (4)                     </pre>					

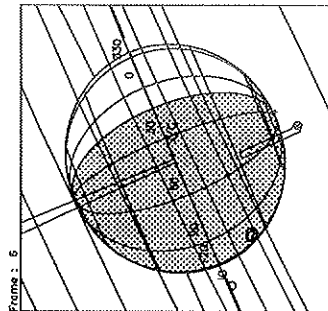
<b>Activity ID:</b> Orbit 11		OAPEL JUAURMAP		<b>SeqNo</b> 01-	
<b>Title</b>	Auroral asymmetry map			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG
<b>Time System</b>	CDS	<b>Load ID</b>	11A	<b>Calendar Date</b>	11/04/97
		<b>Week</b>			45
<b>Start</b>	JEE-CDS 00003720:00:0		97-308/10:00:16.666		JEE-002/14:41:20.000
<b>End</b>	JEE-CDS 00003626:00:0		97-308/11:35:19.333		JEE-002/13:06:17.333
<b>Duration</b>	00000094:00:0		000/01:35:02.667		000/01:35:02.667
<b>Top Label</b>	11JUAURMAP01-				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	242	<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 nightside auroral map. Observe color ratios for H2 band particle energies.</p> <p>Realtime observation for 1.5 hours; F/G full scan on nightside. 10 RIMS OFF/FIXED every 30 RIMS for PWS. Distance from Jupiter = 32 Rj.</p> <p>Last cn/ck = TBD.</p> <p>[NOTE: Waiver #58242 for cone 72.]</p>					
<b>Design Detail</b>					
<pre> PSID  CDS  RIM  COMMAND  PARAMETERS 384AB  00  00  COMMENT  UVS RIM 0  61AB  28  02+LOOPER  DUR = 30 RIMS; REPEAT = 3 (157AB) 349AF  28  03+UVFLSH  DISCRD,UVS 157AB  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 165AB  27  04  TARGET  Lat/lon = -60/20 (RA/Dec = TBD) 117AB  37  04  CS MOS   3 strips (1 sub-cmos) 349AG  28  23+UVFLSH  PACKET,UVS (1) 349AH  28  53+UVFLSH  PACKET,UVS (2) 349AI  28  83+UVFLSH  PACKET,UVS (3)                     </pre>					



UTC : 1997-308 // 10:04:14.482  
 SCLK : 1/04202790:00:00

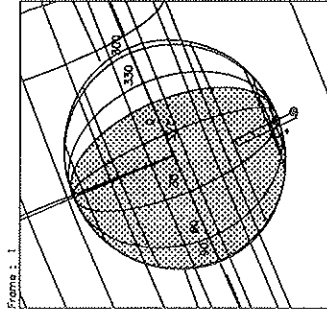


UTC : 1997-308 // 10:34:32.482  
 SCLK : 1/04202919:86:00

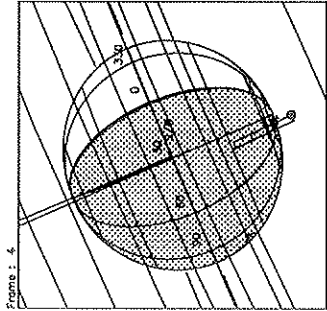


UTC : 1997-308 // 11:04:50.482  
 SCLK : 1/04202949:85:00

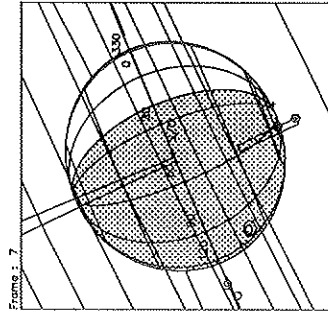
Start UTC\_TIME : 1997-308 // 10:04:14.482  
 End UTC\_TIME : 1997-308 // 11:25:07.813  
 Start SCLK : 1/04202790:00:00  
 Delta Time between FOV : 606.0000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)



UTC : 1997-308 // 10:14:20.482  
 SCLK : 1/04202799:90:00

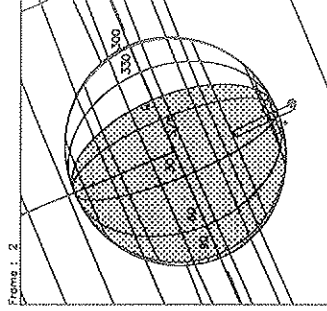


UTC : 1997-308 // 10:44:38.482  
 SCLK : 1/04202829:07:00

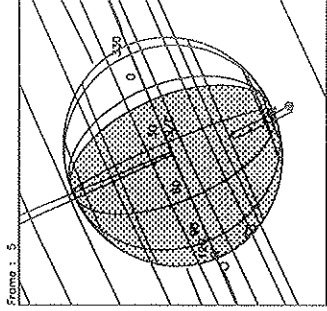


UTC : 1997-308 // 11:14:56.482  
 SCLK : 1/04202859:04:00

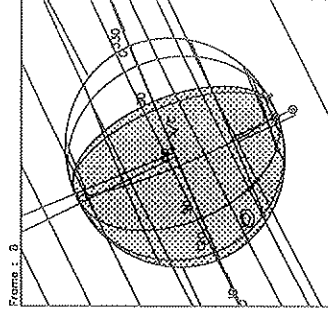
Target Body : JUPITER  
 Target Ra/Dec : 203.30/-11.21 Deg  
 S/C to Body Center : 2284756. Km ( 31.958205 Ri )  
 Z-axis Pointing ( Ra / Dec ) : 137.25 / 19.00 Deg



UTC : 1997-308 // 10:24:26.482  
 SCLK : 1/04202809:01:00

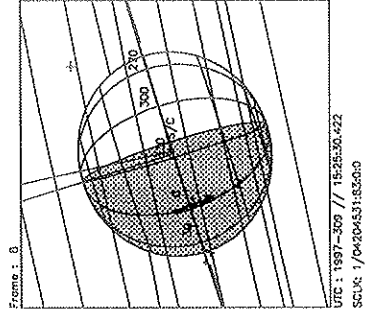
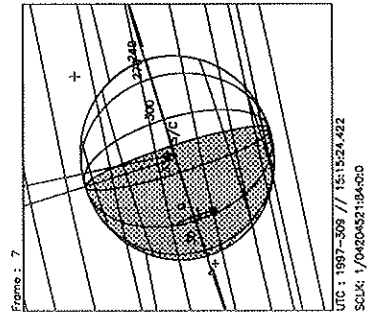
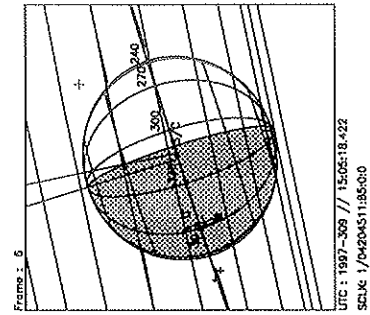
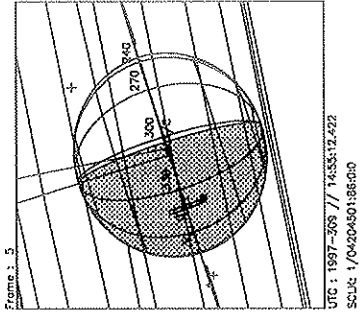
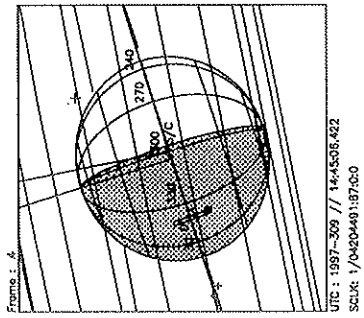
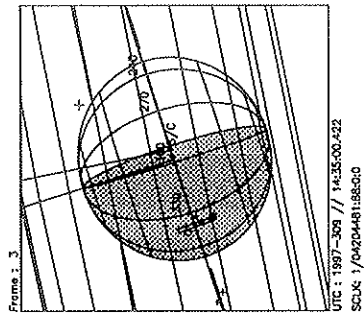
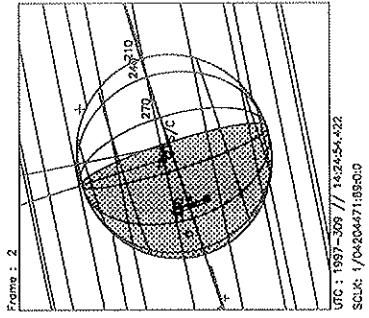
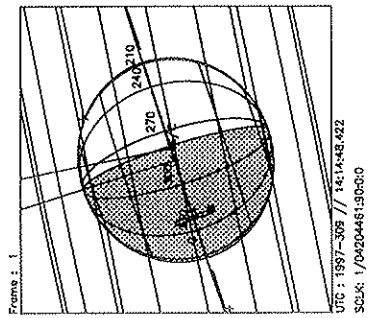
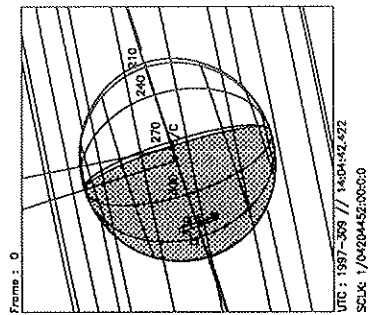


UTC : 1997-308 // 10:54:44.482  
 SCLK : 1/04202839:06:00



UTC : 1997-308 // 11:25:02.482  
 SCLK : 1/04202869:03:00

<b>Activity ID:</b> Orbit 11		OAPEL 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>	11A	<b>Calendar Date</b>	11/05/97
				<b>Week</b>	45
<b>Start</b>	JEE-CDS 00002058:00:0		97-309/14:00:44.666		JEE-001/10:40:52.000
<b>End</b>	JEE-CDS 00001934:00:0		97-309/16:06:07.333		JEE-001/08:35:29.333
<b>Duration</b>	00000124:00:0		000/02:05:22.667		000/02:05:22.667
<b>Top Label</b>	11JUDRKMAP01-				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	270	<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: 200px; height: 150px; display: inline-block; vertical-align: top;"></div> <p>Global mapping of darkside equatorial H Lyman-alpha.</p> <p>Realtime observation for 2.0 hours; G/G Ly-a 88 step 2 position miniscan. 10 RIMS UVS OFF/FIXED every 30 RIMS for PWS. Distance from Jupiter = 21 Rj. GRS at 106.</p> <p>Last cn/ck = TBD.</p>					
<b>Design Detail</b>					
<pre> PSID  CDS  RIM  COMMAND  PARAMETERS 384AD  00  00  COMMENT  UVS RIM 0  61AI  28  02+LOOPER  DUR = 30 RIMS; REPEAT = 4 (157AI) 349AO  28  03+UVFLSH  DISCRD,UVS 157AI  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 165AI  27  04  TARGET  Lat/Lon = 0/320 (RA/Dec = TBD) 117AI  37  04  CSMOS   1 subcsmos; 4 repositions 349AP  28  23+UVFLSH  PACKET,UVS (1) (lead GRS 146) 349AQ  28  53+UVFLSH  PACKET,UVS (2) (lead GRS 127) 349AR  28  83+UVFLSH  PACKET,BOTH (3) (lead GRS 108) (include EUV for CDS byte savings) 349AS  28  113+UVFLSH  PACKET,UVS (4) (lead GRS 89)                     </pre>					

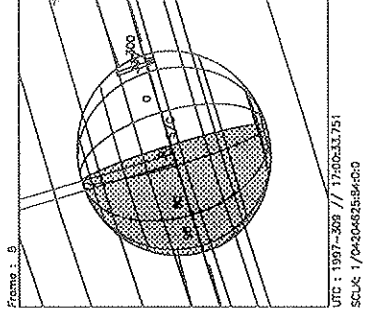
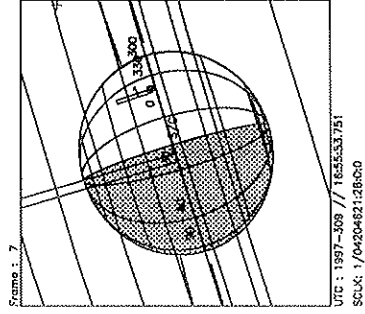
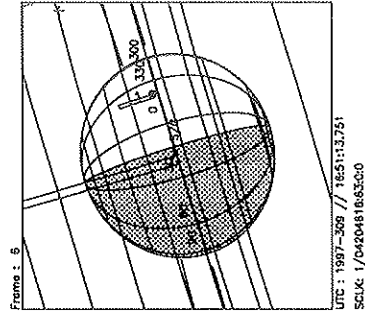
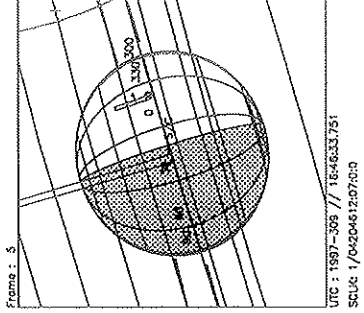
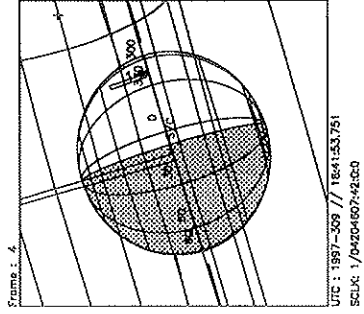
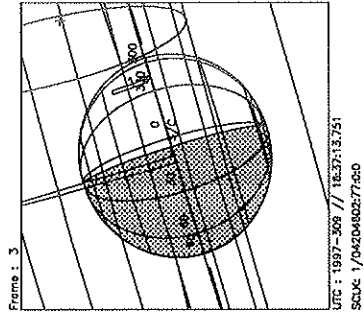
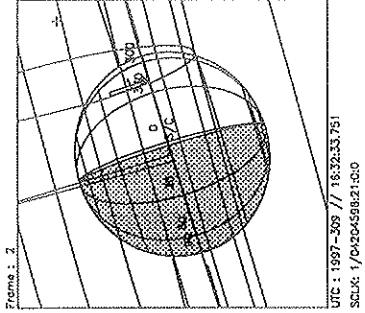
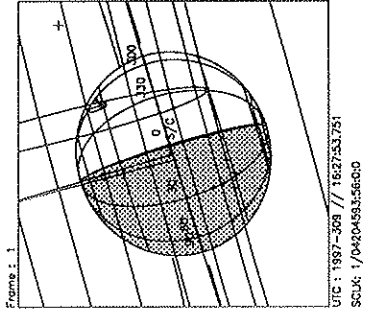
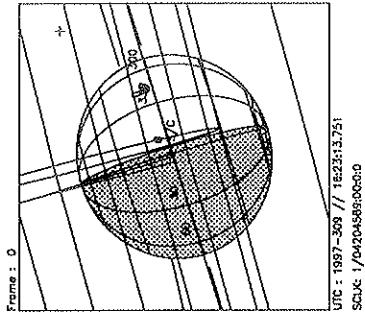


Start UTC\_TIME : 1997-309 // 14:04:42.422  
 End UTC\_TIME : 1997-309 // 15:25:35.753  
 Start SCLK : 1/04204452:00:0:0  
 Delta Time between FOVs : 606.0000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER  
 Target Ra/Dec : 222.96/-18.21 Deg  
 S/C to Body Center : 1512366. Km ( 21,154,343 Rj )  
 Z-axis Pointing ( Ra / Dec ) : 137.25 / 19.00 Deg

<b>Activity ID:</b> Orbit 11		<b>OAPEL JUFTKR1E</b>		<b>SeqNo</b> 11-	
<b>Title</b>	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>	11A	<b>Calendar Date</b>	11/05/97 <b>Week</b> 45
<b>Start</b>	JEE-CDS 00001918:00:0		97-309/16:22:18.000		JEE-001/08:19:18.666
<b>End</b>	JEE-CDS 00001911:00:0		97-309/16:29:22.666		JEE-001/08:12:14.000
<b>Duration</b>	00000007:00:0		000/00:07:04.666		000/00:07:04.666
<b>Top Label</b>	11JUFTKR1E11-				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	228	<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: 200px; height: 150px; float: left; margin-right: 10px;"></div> AWG brown band/barge (lat/ion = 14/346; feature track (JEE epoch), rotation 1, solar phase angle 96 deg, emission angle 1, following 3 color SSI (11JSFEATRK01) 1X3.  Realtime observation; full F/F scan for the observation followed by G/G 176 step miniscan for hydrocarbons covering 1496-1755 A. Distance from Jupiter = 20.3 Rj.  Last cn/ck = 93.8/95.8.					
<b>Design Detail</b>					
PSID CDS RIM COMMAND PARAMETERS 384AE 00 00 COMMNT UVS RIM 0 349AT 28 -01+UVFLSH DISCRD,UVS 157AJ 52 00 CMDRS PLAN_DUR = 37 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 07 7 34UVS/UVG: E3, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 1A, 8E, 00, 00 37 37 34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 165AJ 27 01 TARGET Lat/Lon = 4.7/346.1 (RA/Dec = TBD) 117AJ 37 01 CSMOS 3 slews; x_cone_del_s=7.3 349AU 28 01+UVFLSH PACKET,UVS (1) ( 4.7/346.1) 349AV 28 03+UVFLSH PACKET,UVS (2) (14.0/346.1) 349AW 28 05+UVFLSH PACKET,UVS (3) (23.7/345.8)					

<b>Activity ID:</b> Orbit 11		OAPEL JUFTKR1E		<b>SeqNo</b> 12-	
<b>Title</b>	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>	11A	<b>Calendar Date</b>	11/05/97 Week 45
<b>Start</b>	JEE-CDS 00001911:00:0		97-309/16:29:22.666		JEE-001/08:12:14.000
<b>End</b>	JEE-CDS 00001881:00:0		97-309/16:59:42.666		JEE-001/07:41:54.000
<b>Duration</b>	00000030:00:0		000/00:30:20.000		000/00:30:20.000
<b>Top Label</b>	11JUFTKR1E12-				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	110	<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 brown band/barge (lat/lon = 14/346; feature track (JEE epoch), rotation 1, solar phase angle 96 deg, emission angle 1, following 3 color SSI (11JSFEATRK01) 1X3.				
	Realtime observation; G/G 176 step miniscan for hydrocarbons covering 1496-1755 A. Distance from Jupiter = 20.3 Rj.				
	Last cn/ck = 93.8/95.8.				
<b>Design Detail</b>					
PSID CDS RIM COMMAND PARAMETERS					
384AF 00 00 COMMNT UVS RIM 0					
165AK 27 00 TARGET Lat/Lon = 14.2/346.1 (RA/Dec = TBD) ON longitude					
349AX 28 14+UVFLSH PACKET,UVS (4)					
165AC 27 15 TARGET Lat/Lon = 14.2/330.0 (RA/Dec = TBD) OFF longitude					
349AY 28 29+UVFLSH PACKET,UVS (5)					

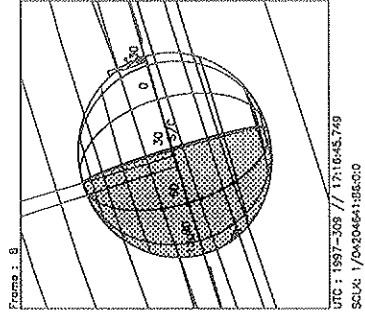
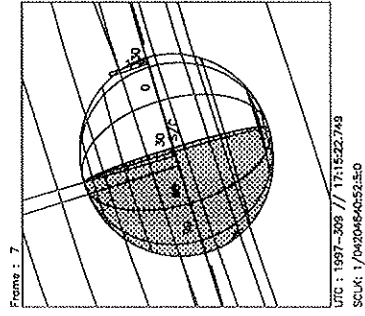
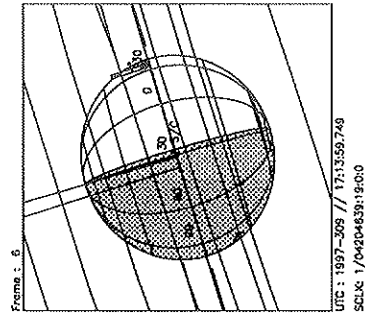
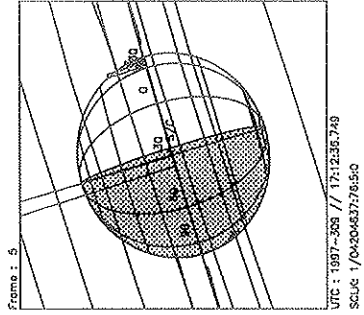
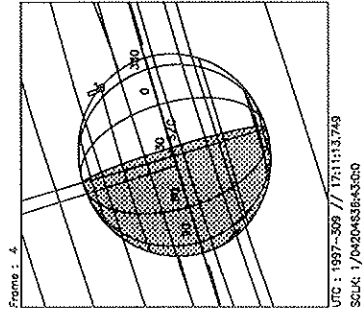
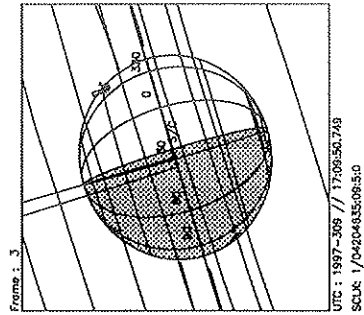
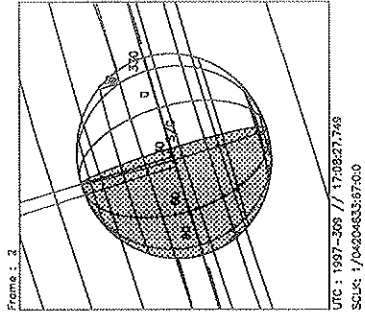
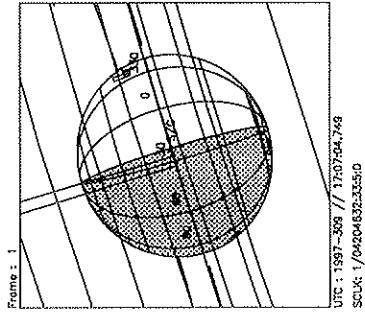
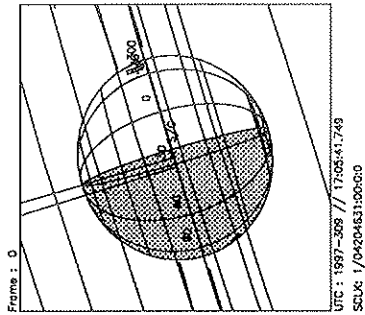


Start UTC\_TIME : 1997-309 // 16:23:13.751  
 End UTC\_TIME : 1997-309 // 17:00:38.416  
 Start SCLK : 1/04204589:00:0  
 Delta Time between FOV : 280.0000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER  
 Target Ra/Dec : 225.66/-18.99 Deg  
 S/C to Body Center : 1442845. Km ( 20.181903 Ri )  
 Z-axis Pointing ( Ra / Dec ) : 137.25 / 19.00 Deg



<b>Activity ID:</b> Orbit 11		OAPEL JUFTKR1E		<b>SeqNo</b> 21-	
<b>Title</b>	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>	11A	<b>Calendar Date</b>	11/05/97 <b>Week</b> 45
<b>Start</b>	JEE-CDS 00001876:00:0		97-309/17:04:46.000		JEE-001/07:36:50.666
<b>End</b>	JEE-CDS 00001869:00:0		97-309/17:11:50.666		JEE-001/07:29:46.000
<b>Duration</b>	00000007:00:0		000/00:07:04.666		000/00:07:04.666
<b>Top Label</b>	11JUFTKR1E21-				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	200	<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 brown band/barge (lat/lon = 14/346; feature track (JEE epoch), rotation 1, solar phase angle 96 deg, emission angle 2, following 3 color SSI (11JSFEATRK02) 1X3.</p> <p>Realtime observation; full F/F scan for the observation followed by G/G 176 step miniscan for hydrocarbons covering 1496-1755 A. Distance from Jupiter = 20.0 Rj.</p> <p>Last cn/ck = 93.6/95.8.</p>					
<b>Design Detail</b>					
<pre> PSID  CDS  RIM  COMMAND  PARAMETERS 384AH  00  00  COMMENT  UVS RIM 0 157AL  52  00  CMDRS   PLAN_DUR = 12 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           07          7 34UVS/UVG:E3, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 1A, 8E, 00, 00           12          12 34UVS/OFF:C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 165AL  27  01  TARGET  Lat/Lon = 4.7/346.9 (RA/Dec = TBD) (1 RIM POS_SLEW_ALLOC) 117AL  37  01  CSMOS   3 slews; x_cone_del_s=7.3 349KB  28  01+UVFLSH PACKET,UVS (1) ( 4.7/346.9) 349KC  28  03+UVFLSH PACKET,UVS (2) (13.9/347.7) 349KD  28  05+UVFLSH PACKET,UVS (3) (23.4/347.1)                 </pre> <p>[NOTE: deleted 349KA 28 -01+UVFLSH DISCRD,UVS for CDS byte savings.]</p>					

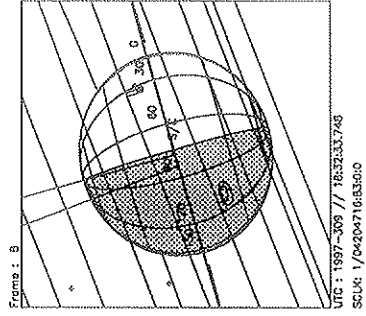
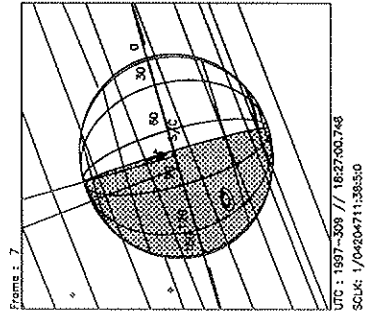
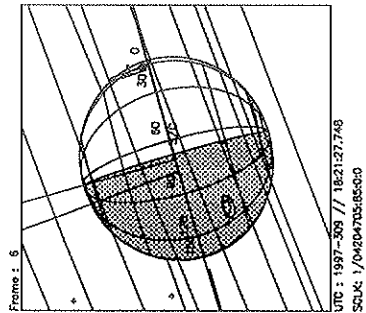
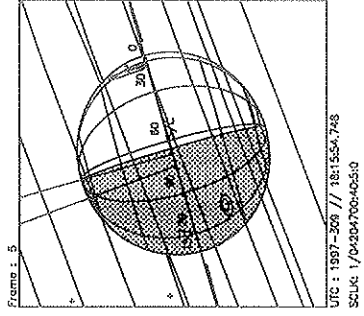
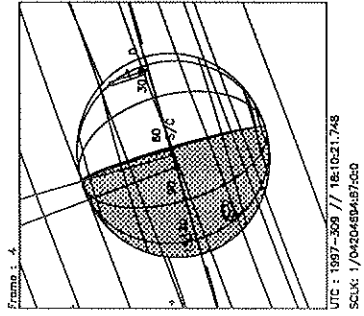
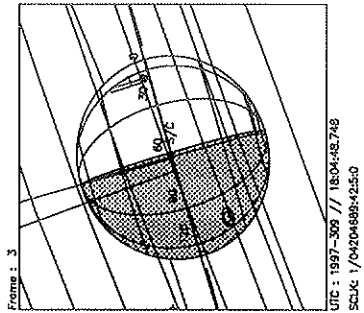
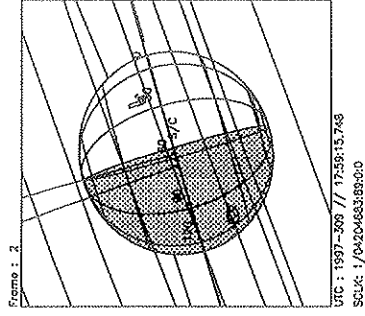
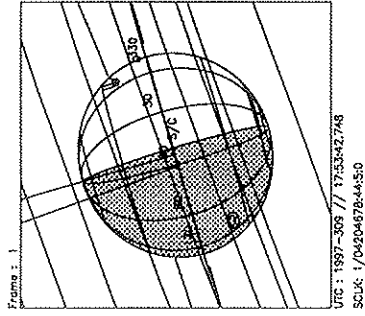
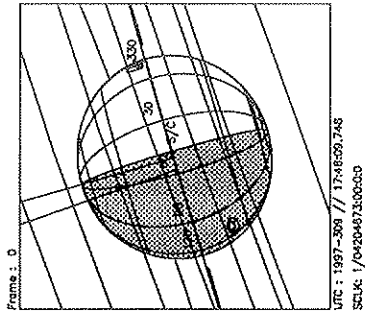


Start UTC\_TIME : 1997-309 // 17:05:41.749  
 End UTC\_TIME : 1997-309 // 17:16:49.082  
 Start SCLK : 1/04204631:00:0:0  
 Delta Time between FOV : 83.00000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER  
 Target Ra/Dec : 226.54/-19.24 Deg  
 S/C to Body Center : 1421376. Km ( 19.881609 Ri )  
 Z-axis Pointing ( Ra / Dec ) : 137.25 / 19.00 Deg

<b>Activity ID:</b> Orbit 11	<b>OAPEL JUFTKR1E</b>	<b>SeqNo</b> 31-
<b>Title</b> 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> 11A	<b>Calendar Date</b> 11/05/97 <b>Week</b> 45
<b>Start</b> JEE-CDS 00001834:00:0	97-309/17:47:14.000	JEE-001/06:54:22.666
<b>End</b> JEE-CDS 00001827:00:0	97-309/17:54:18.666	JEE-001/06:47:18.000
<b>Duration</b> 00000007:00:0	000/00:07:04.666	000/00:07:04.666
<b>Top Label</b> 11JUFTKR1E31-		
<b>Bottom Label</b> realtime		
<b>Plot Key</b> UVS	<b>Type</b> SCI	
<b>CDS Bytes</b> 199	<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>		
	AWG brown band/barge (lat/lon = 14/346; feature track (JEE epoch), rotation 1, solar phase angle 96 deg, emission angle 3, following 3 color SSI (11JSFEATRK03) 1X3.	
	Realtime observation; full F/F scan for the observation followed by G/G 176 step miniscan for hydrocarbons covering 1496-1755 A. Distance from Jupiter = 19.8 Rj.	
	Last cn/ck = 93.8/95.8.	
<b>Design Detail</b>		
PSID CDS RIM COMMAND PARAMETERS 384AJ 00 00 COMMNT UVS RIM 0 157AN 38 00 CMDRS PLAN_DUR = 7 RIMS; EST_UVS_CMDS = 2 01 1 34UVS/UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,1,00,9C,00,00 07 7 34UVS/OFF:C1,FIXED,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00 165AN 27 01 TARGET Lat/Lon = 5.4/348.7 (RA/Dec = TBD) 1 RIM POS_SLEW_ALLOC 117AN 50 01 CSMOS 3 slews; 2 subcsmos 349KG 28 01+UVFLSH PACKET,UVS (1) ( 5.4/348.7) 349KH 28 03+UVFLSH PACKET,UVS (2) (14.7/348.7) 349KI 28 05+UVFLSH PACKET,UVS (3) (24.3/345.4)		
[NOTE: deleted 349KF 28 -01+UVFLSH DISCRD,UVS for CDS byte savings.]		

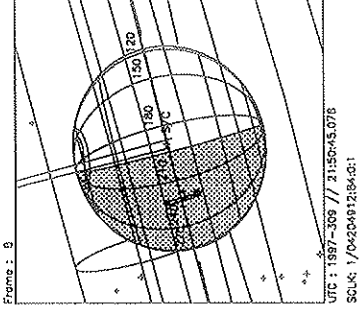
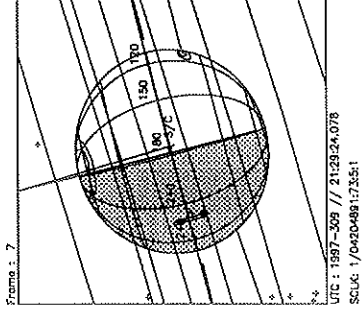
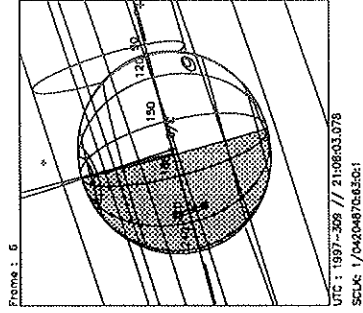
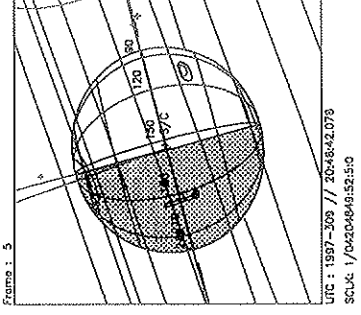
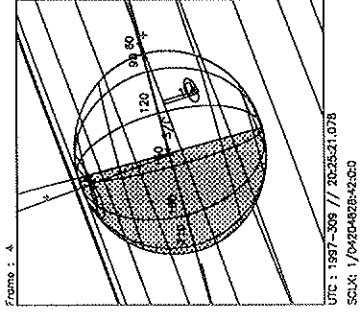
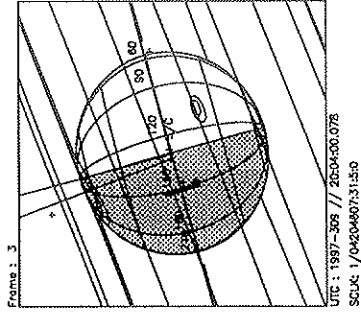
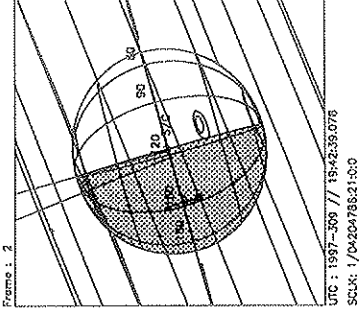
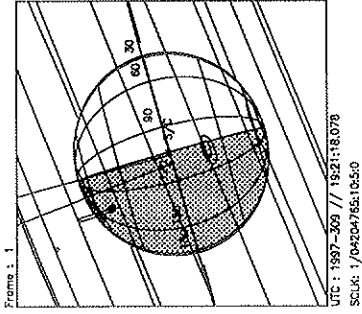
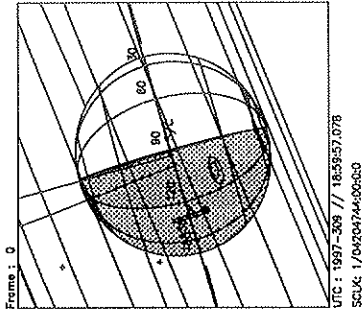
<b>Activity ID:</b> Orbit 11		OAPEL JUFTKR1E		<b>SeqNo</b> 32-	
<b>Title</b>	Feature Track			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG
<b>Time System</b>	CDS	<b>Load ID</b>	11A	<b>Calendar Date</b>	11/05/97
				<b>Week</b>	45
<b>Start</b>	JEE-CDS 00001821:00:0		97-309/18:00:22.666		JEE-001/06:41:14.000
<b>End</b>	JEE-CDS 00001795:00:0		97-309/18:26:40.000		JEE-001/06:14:56.666
<b>Duration</b>	00000026:00:0		000/00:26:17.334		000/00:26:17.334
<b>Top Label</b>	11JUFTKR1E32-				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	121	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	OAP	<b>Spln State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
	AWG brown band/barge (lat/lon = 14/346; feature track (JEE epoch), rotation 1, solar phase angle 96 deg, emission angle 3, following 3 color SSI (11JSFEATRK03) 1X3.				
	Realtime observation; G/G 176 step miniscan for hydrocarbons covering 1496-1755 A. Distance from Jupiter = 19.6 Rj.				
	Last cn/ck = 93.8/95.8.				
<b>Design Detail</b>					
PSID CDS RIM COMMAND PARAMETERS					
384AK 00 00 COMMENT UVS RIM 0					
157AO 38 00 CMDRS PLAN_DUR = 26 RIMS; EST_UVS_CMDS = 2					
01 1					
34UVS/UVG: E3, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 1A, 8E, 00, 00					
26 26					
34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00					
165AO 27 01 TARGET Lat/Lon = 14.7/8 (RA/Dec = TBD)					
349KJ 28 12+UVFLSH PACKET, UVS (4)					
349KK 28 32+UVFLSH PACKET, BOTH (5) (include EUV for CDS byte savings)					



Start UTC\_TIME : 1997-309 // 17:48:09.748  
End UTC\_TIME : 1997-309 // 18:32:39.079  
Start SCLK : 1/04204673:00:00  
Delta Time between FOV : 333.0000  
FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER  
Target Ra/Dec : 227.46/-19.49 Deg  
S/C to Body Center : 1399839. Km ( 19.580361 Ri )  
Z-axis Pointing ( Ra / Dec ) : 137.25 / 19.00 Deg

<b>Activity ID:</b> Orbit 11		OAPEL JUDRKMAP		<b>SeqNo</b> 02-	
<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>	11A	<b>Calendar Date</b>	11/05/97
				<b>Week</b>	45
<b>Start</b>	JEE-CDS 00001764:00:0		97-309/18:58:00.666		JEE-001/05:43:36.000
<b>End</b>	JEE-CDS 00001582:00:0		97-309/22:02:02.000		JEE-001/02:39:34.666
<b>Duration</b>	00000182:00:0		000/03:04:01.334		000/03:04:01.334
<b>Top Label</b>	11JUDRKMAP02-				
<b>Bottom Label</b>	realtime				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	435	<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 darkside equatorial H Lyman-alpha.				
	Realtime observation for 3.0 hours; G/G Ly-a 88 step 2 position miniscan. 10 RIMS UVS OFF/FIXED every 30 RIMS for PWS. SSI and NIMS observations are interspersed in 10 RIM gaps. Distance from Jupiter = 19.0 Rj. GRS at 106.				
	Last cn/ck = TBD.				
<b>Design Detail</b>					
PSID CDS RIM COMMAND PARAMETERS					
384AL 00 00 COMMENT UVS RIM 0					
349KM 28 01+UVFLSH DISCRD,UVS					
157AP 66 01 CMDRS PLAN_DUR = 51 RIMS; EST_UVS_CMDS = 4					
02 01					
34UVS/UVG:DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C					
22 21					
34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00					
32 31					
34UVS/UVG:DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C					
52 51					
34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00					
165AP 27 02 TARGET Lat/Lon = 0/130 (RA/Dec = TBD)					
349KN 28 21+UVFLSH PACKET,UVS (1) (lag GRS 24)					
165AQ 27 32 TARGET Lat/Lon = 0/148 (RA/Dec = TBD)					
349KO 28 51+UVFLSH PACKET,UVS (2) (lag GRS 42)					
61AR 28 88+LOOPER DUR = 30 RIMS; REPEAT = 3 (157AR)					
157AR 38 90 CMDRS PLAN_DUR = 21 RIMS; EST_UVS_CMDS = 2					
91 01					
34UVS/UVG:DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C					
111 21					

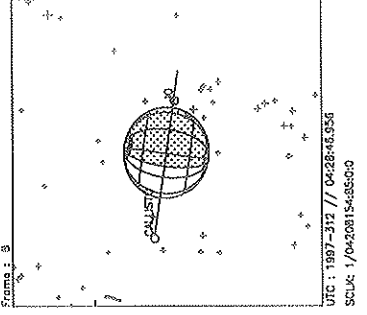
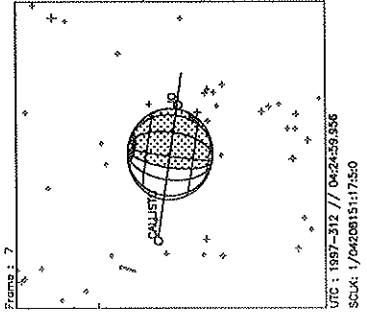
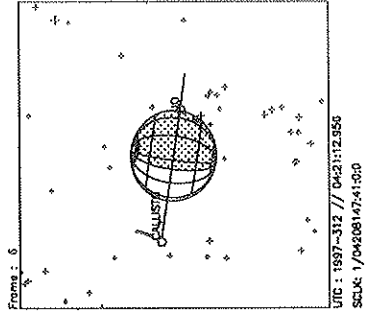
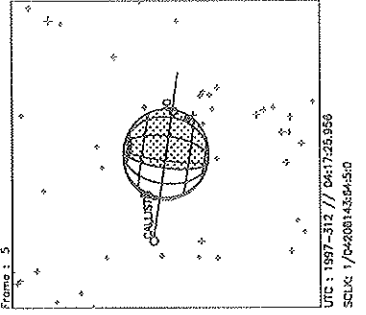
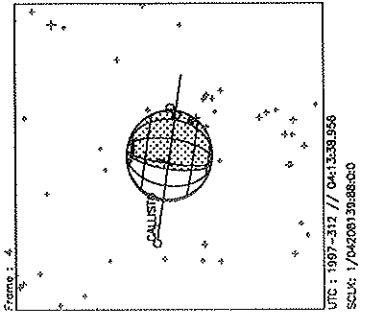
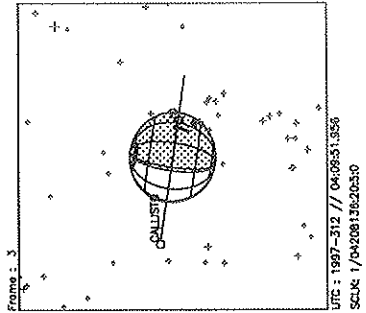
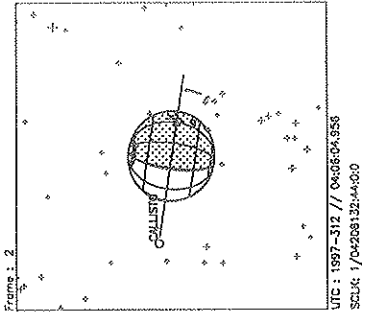
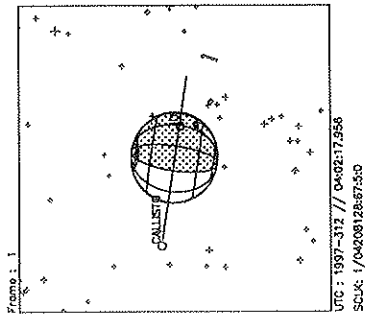
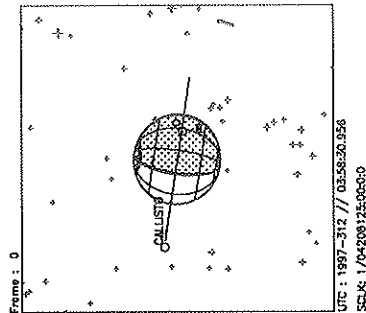


Start UTC\_TIME : 1997-309 // 18:59:57.078  
 End UTC\_TIME : 1997-309 // 21:50:49.739  
 Start SCLK : 1/04204744:00:0:0  
 Delta Time between FOV : 1281.000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER  
 Target Ra/Dec : 229.07/-19.92 Deg  
 S/C to Body Center : 1363286. Km ( 19.069071 Ri )  
 Z-axis Pointing ( Ra / Dec ) : 137.25 / 19.00 Deg

<b>Activity ID:</b> Orbit 11		OAPEL JUEWMAPS		<b>SeqNo</b> 01-	
<b>Title</b>		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> 11A		<b>Calendar Date</b> 11/08/97	
				<b>Week</b> 45	
<b>Start</b>		JEE+CDS 00001617:00:0		97-312/03:56:34.666	
				JEE+001/03:14:58.000	
<b>End</b>		JEE+CDS 00001649:00:0		97-312/04:28:55.999	
				JEE+001/03:47:19.333	
<b>Duration</b>		00000032:00:0		000/00:32:21.333	
				000/00:32:21.333	
<b>Top Label</b>		11JUEWMAPS01-			
<b>Bottom Label</b>		recorded			
<b>Plot Key</b>		UVS		<b>Type</b> SCI	
<b>CDS Bytes</b>		120		<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>					
<div style="border: 1px solid black; padding: 5px;"> <p>Darkside/Gayside mapping for limb-darkening of H Lyman-alpha and H2. Observe H corona off dark and bright limbs to 1+ Rj.</p> <p>Recorded observation for 0.5 hours; G/G Ly-a 88 step 2 position miniscan. Approximately 50% overlap between UVS FOV footprints. Distance from Jupiter = 18.0 Rj. 1.834560 raw MBTG using 427 tics.</p> <p>Last cn/ck = TBD.</p> <p>[NOTE: Waiver #58242 for cone 87; siturn RA/Dec = 174.5/14.0.]</p> </div>					
<b>Design Detail</b>					
<pre> PSID  CDS  RIM  COMMAND  PARAMETERS 384AN  00  00  COMMENT  UVS  RIM  0 157AU  38  01  CMDRS   PLAN_DUR = 31 RIMS; EST_UVS_CMDS = 2           02          1 34UVS/UVG:DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C           32          31 34UVS/OFF:C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 175AU  18  02  SCIREC  MODE_RATE = R7, DUR = 30 RIMS, REC_FMT = LPU 305AU  00  02  SELECT  INSTR=UVS2, COMPR=RICE, CMPR_DVSR=2.0, CMPR_UNC=0.0 165AU  27  02  TARGET  sub s/c pt, cone_off=175.0 (RA/Dec = TBD) 117AU  37  02  CS MOS   1 subcsmos: equatorial regions (dark to light) and off limbs 300AU  00  32  DESELC  INSTR = UVS2           </pre>					





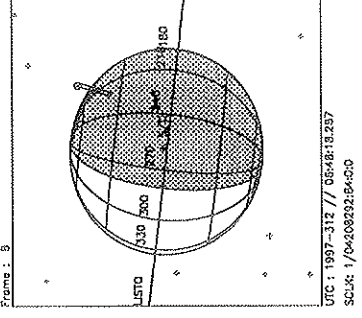
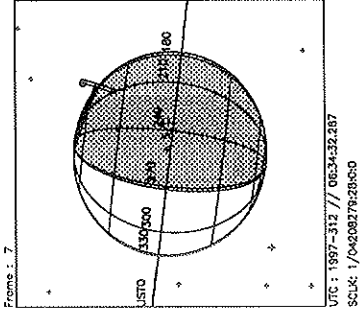
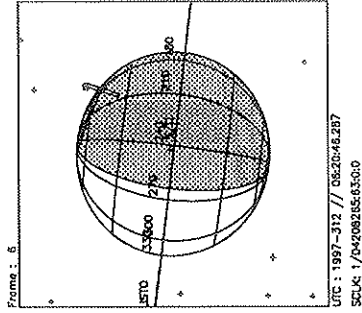
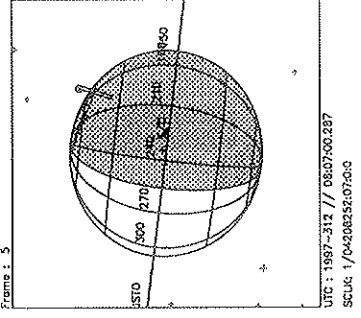
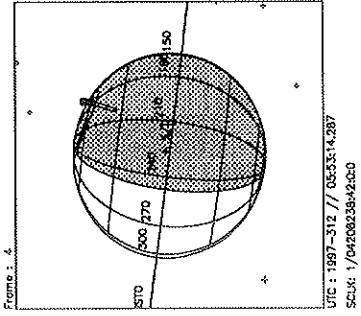
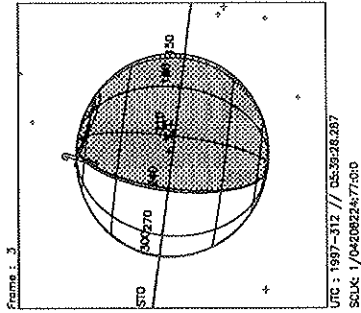
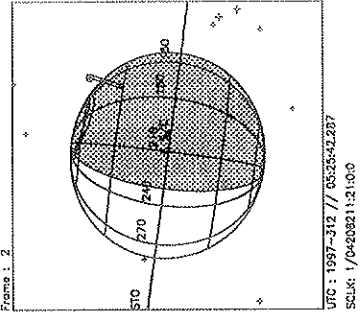
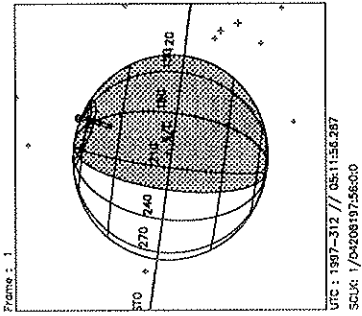
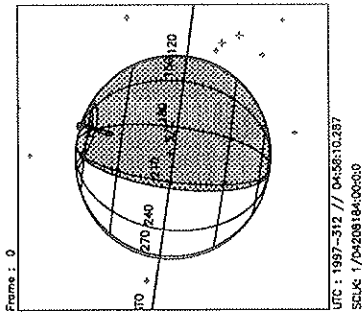
Start UTC\_TIME : 1997-312 // 03:58:30.956  
 End UTC\_TIME : 1997-312 // 04:28:50.955  
 Start SCLK : 1/04208125:00:0:0  
 Delta Time between FOV : 227.0000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER  
 Target Ra/Dec : 68.01 / 24.02 Deg  
 S/C to Body Center : 1282757. Km ( 17.9426661 Rj )  
 Z-axis Pointing ( Ra / Dec ) : 137.25 / 19.00 Deg

<b>Activity ID:</b> Orbit 11		OAPEL JUAURVAR		<b>SeqNo</b> 01-	
<b>Title</b>		Auroral variability 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> 11A		<b>Calendar Date</b> 11/08/97	
				<b>Week</b> 45	
<b>Start</b>		JEE+CDS 00001676:00:0		97-312/04:56:13.999	
				JEE+001/04:14:37.333	
<b>End</b>		JEE+CDS 00001787:00:0		97-312/06:48:27.999	
				JEE+001/06:06:51.333	
<b>Duration</b>		00000111:00:0		000/01:52:14.000	
				000/01:52:14.000	
<b>Top Label</b>		11JUAURVAR01-			
<b>Bottom Label</b>		recorded			
<b>Plot Key</b>		UVS		<b>Type</b> SCI	
<b>CDS Bytes</b>		110		<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>					
<div style="border: 1px solid black; padding: 5px; width: 200px; height: 150px; display: inline-block; vertical-align: top;"> </div> <p>Northern aurora structure using H Lyman-alpha. Also observe Io and Europa fluxtube footprints. SSI has 4 time intervals with a 1x2 clear filter at each time step (same as inbound).</p> <p>Recorded observation for 10 RIMs; G/G 88 step 2 position Lyman-alpha miniscan. Distance from Jupiter = 18.5 Rj. 0.611520 raw MBTG and tics= 228 (-85 to SSI) = 142.</p> <p>Last cn/ck = 97/275.</p> <p>[NOTE 1: at observation end Io sublon = 193.29; IFT = 50.1/179.3-164.3 Europa sublon = 192.52; EFT = 53.8/178.1 from J. Connerney's table]</p> <p>[NOTE 2: NIMS ridealong with record; PBK 2 recorded segments plus data recorded during SSI frames. Seturn RA/Dec = 174.5/14.0.]</p>					
<b>Design Detail</b>					
<pre> PSID  CDS  RIM  COMMAND  PARAMETERS 384AO  00  00  COMMENT  UVS  RIM  0 157AV  38  01  CMDRS    PLAN_DUR = 110 RIMS; EST_UVS_CMDS = 2           02          1 34UVS/UVG:DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C           111          110 34UVS/OFF:C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 165AV  54  02  TARGET  Lat/lon = 54/181 (RA/Dec = TBD) (TMC active) 175AV  18  08  SCIREC  MODE_RATE = R7, DUR = 10 RIMS, REC_FMT = LPU 305AV  00  08  SELECT  INSTR=UVS2, COMPR=RICE, CMPR_DVSR=2.0, CMPR_UNC=0.0 300AV  00  11  DESELC  INSTR = UVS2           </pre> <p>[NOTE: Record starts 6 RIMS into the observation since there were tape tics given to SSI for obtaining the auroral images. There is hope that realtime data may be recovered during the OP update if the CDS byte allocation allows for 2 additional UVFLUSHes.]</p>					

<b>Activity ID:</b> Orbit 11		OAPEL JUAURVAR		<b>SeqNo</b> 02-	
<b>Title</b>		Auroral variability 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> 11A		<b>Calendar Date</b> 11/08/97	
				<b>Week</b> 45	
<b>Start</b>		JEE+CDS 00001698:00:0		97-312/05:18:28.666	
				JEE+001/04:36:52.000	
<b>End</b>		JEE+CDS 00001738:00:0		97-312/05:58:55.332	
				JEE+001/05:17:18.666	
<b>Duration</b>		00000040:00:0		000/00:40:26.666	
				000/00:40:26.666	
<b>Top Label</b>		11JUAURVAR02-			
<b>Bottom Label</b>		recorded			
<b>Plot Key</b>		UVS		<b>Type</b> SCI	
<b>CDS Bytes</b>		110		<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>					
<div style="border: 1px solid black; padding: 5px; width: 200px; float: left; margin-right: 10px;"></div> <p>Northern aurora structure using H Lyman-alpha. Also observe Io and Europa fluxtube footprints. SSI has 4 time intervals with a 1x2 clear filter at each time step (same as inbound).</p> <p>Recorded observation for 40 RIMS; G/G 88 step 2 position Lyman-a miniscan. Distance from Jupiter = 18.6 Rj. 2.446080 raw MBTG and tics= 569.</p> <p>Last cn/ck = 97/275.</p> <p>[NOTE 1: at observation end Io sublon = 214.31; IFT = 53.3/189.9-174.9 Europa sublon = 216.88; EFT = 57.1/189.2 from J. Connerney's table]</p> <p>[NOTE 2: NIMS ridealong with record; PBK 2 recorded segments plus data recorded during SSI frames. Siturn RA/Dec = 174.5/14.0.]</p>					
<b>Design Detail</b>					
<p>PSID CDS RIM COMMAND PARAMETERS</p> <p>175AX 18 00 SCIREC MODE_RATE = R7, DUR = 40 RIMS, REC_FMT = LPU</p> <p>165AX 27 00 TARGET subsc pt; cone_off=50.0, xccone_off=-42.0 (RA/Dec = TBD)</p> <p>117AX 37 00 CSMOS 2 slews: north polar region (dark to light), IFT, EFT</p> <p>349KS 28 43+UVFLSH DISCRD,UVS</p>					

<b>Activity ID:</b> Orbit 11		<b>OAPEL JUAURVAR</b>		<b>SeqNo</b> 03-	
<b>Title</b>	Auroral variability 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>	11A	<b>Calendar Date</b>	11/08/97
				<b>Week</b>	45
<b>Start</b>	JEE+CDS 00001742:00:0		97-312/06:02:57.999		JEE+001/05:21:21.333
<b>End</b>	JEE+CDS 00001784:00:0		97-312/06:45:25.999		JEE+001/06:03:49.333
<b>Duration</b>	00000042:00:0		000/00:42:28.000		000/00:42:28.000
<b>Top Label</b>	11JUAURVAR03-				
<b>Bottom Label</b>	recorded				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	82	<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>					
<div style="border: 1px solid black; padding: 5px;"> <p>Northern aurora structure using H Lyman-alpha. Also observe Io and Europa fluxtube footprints. SSI has 4 time intervals with a 1x2 clear filter at each time step (same as inbound).</p> <p>Realtime observation for 40 RIMs; G/G 88 step 2 position Lyman-a miniscan. Distance from Jupiter = 18.8 Rj.</p> <p>Last cn/ck = 97/275.</p> <p>[NOTE 1: at observation end Io sublon = 235.33; IFT = 58.5/203.6-188.6 Europa sublon = 241.24; EFT = 62.7/204.1 from J. Connerney's table] [NOTE 2: NIMS ridealong with record; PBK 2 recorded segments plus data recorded during SSI frames. Siturn RA/Dec = 174.5/14.0.]</p> </div>					
<b>Design Detail</b>					
<p>PSID CDS RIM COMMAND PARAMETERS</p> <p>165AY 54 00 TARGET Lat/Lon = 54/181 (RA/Dec = TBD) (TMC active)</p> <p>349KT 28 41+UVFLSH PACKET,UVS (1)</p>					



Start UTC\_TIME : 1997-312 // 04:58:10.287  
 End UTC\_TIME : 1997-312 // 06:48:22.950  
 Start SCLK : 1/04208184:00:0:0  
 Delta Time between FOV : 8.26:0000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

Target Body : JUPITER  
 Target Ra/Dec : 69.61 / 24.22 Deg  
 S/C to Body Center : 1312691. Km ( 18.361374 Rj )  
 Z-axis Pointing ( Ra / Dec ) : 137.25 / 19.00 Deg