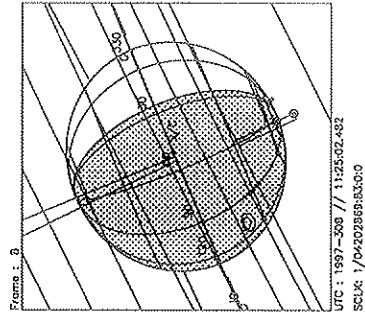
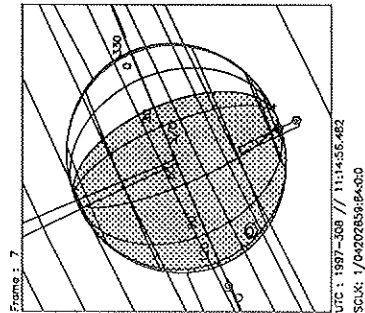
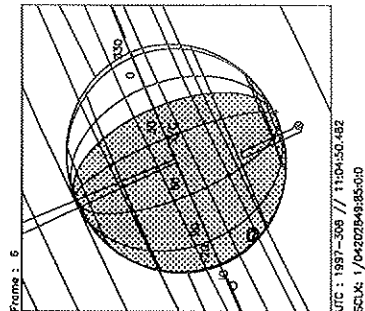
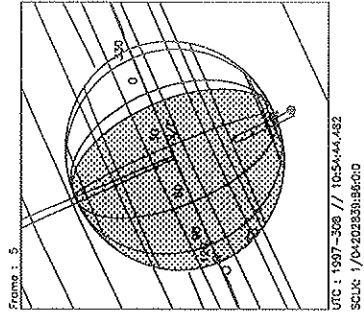
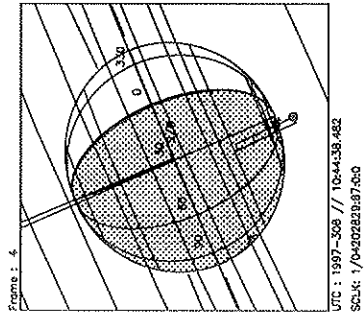
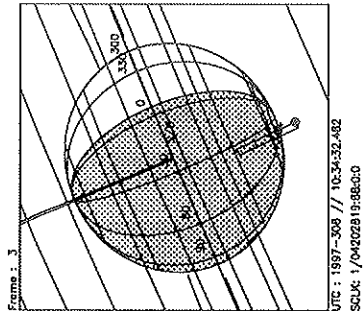
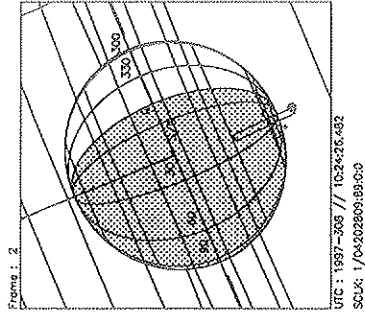
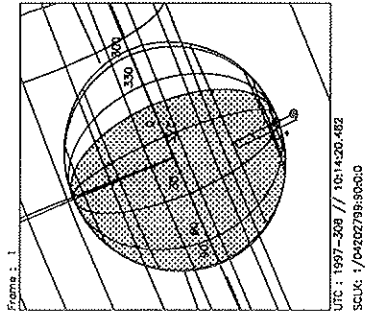
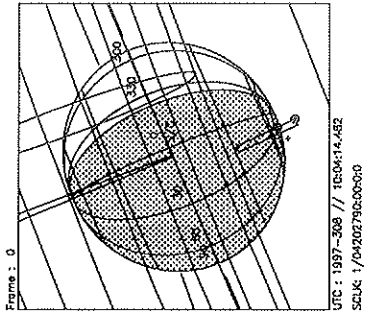


<b>Activity ID:</b> Orbit 11		OAPEL HUSTRCAL		<b>SeqNo</b> 01-	
<b>Title</b>	Star Calibration			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG
<b>Time System</b>	CDS	<b>Load ID</b>	11A	<b>Calendar Date</b>	11/02/97
				<b>Week</b>	44
<b>Start</b>	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>					

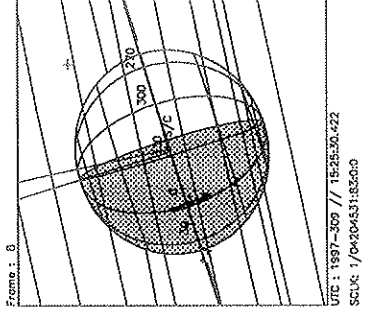
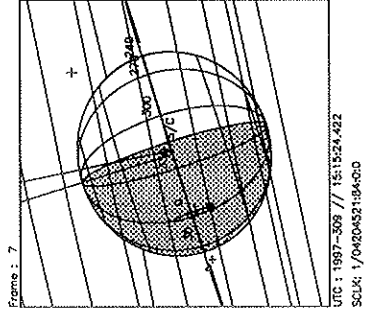
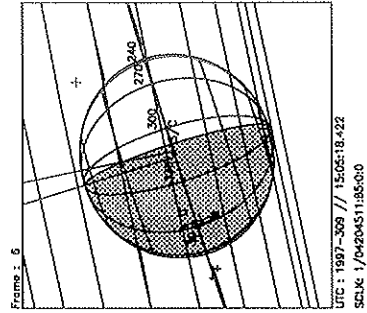
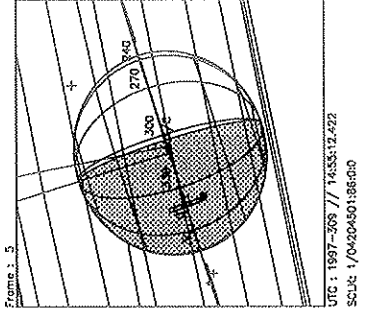
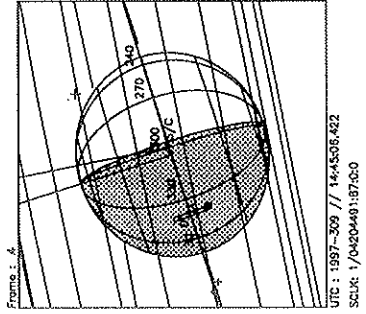
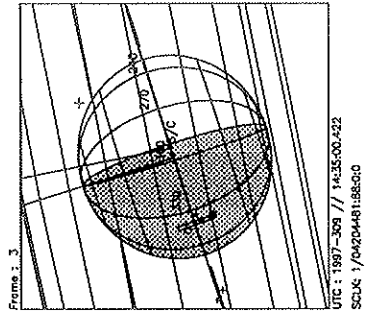
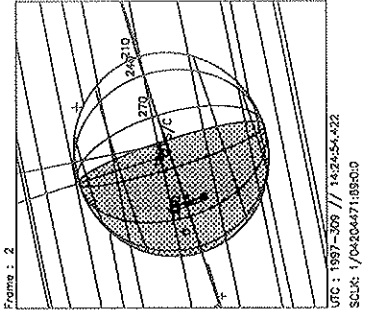
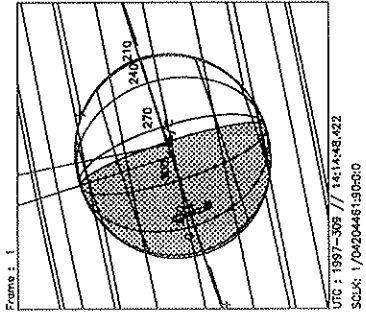
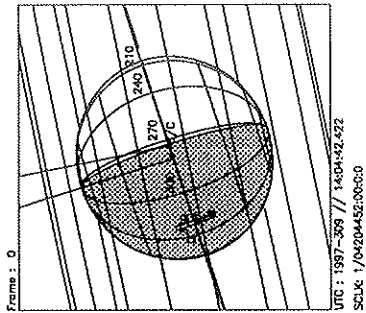
<b>Activity ID:</b> Orbit 11		OAPEL JUAURMAP		<b>SeqNo</b> 01-	
<b>Title</b>	Auroral asymmetry map			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b>	UVS	<b>Working Group</b>	AWG
<b>Time System</b>	CDS	<b>Load ID</b>	11A	<b>Calendar Date</b>	11/04/97
		<b>Week</b>			45
<b>Start</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: 150px; display: inline-block; vertical-align: top; margin-right: 10px;"></div> Southern nightside auroral map. Observe color ratios for H2 band particle energies.  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.  Last cn/ck = TBD.  [NOTE: Waiver #58242 for cone 72.]					
<b>Design Detail</b>					
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 CMOS 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)					



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

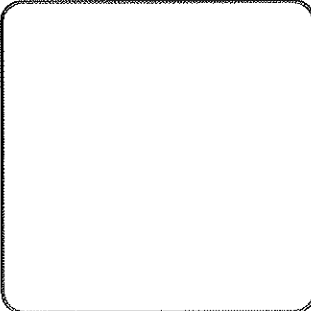
Target Body : JUPITER  
 Target Ra/Dec : 203.30/-11.21 Deg  
 S/C to Body Center : 2284756. Km ( 31.958205 Ri )  
 Z-axis Pointing ( Ra / Dec ) : 137.25 / 19.00 Deg

<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>					

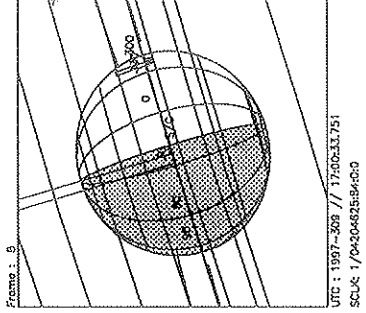
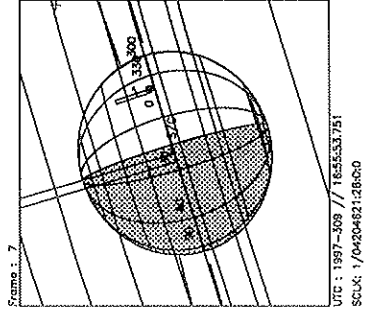
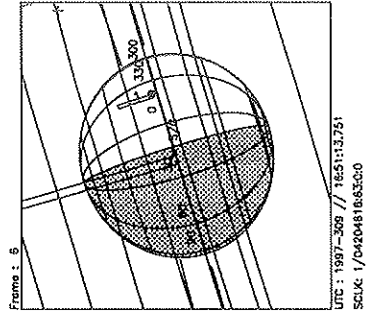
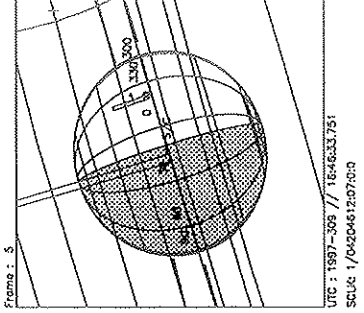
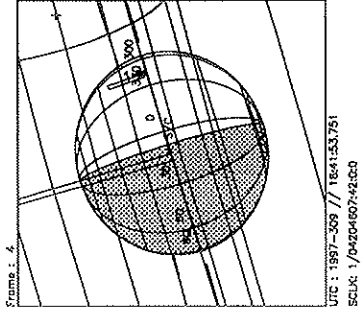
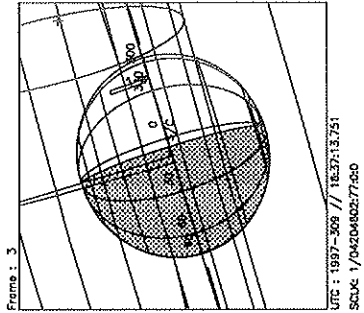
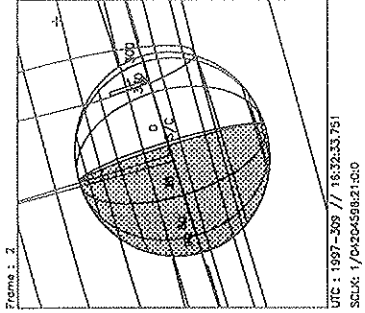
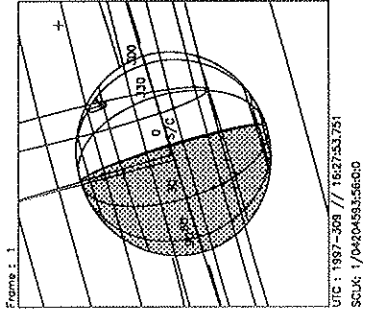
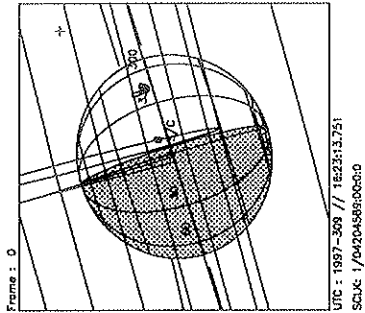


Start UTC\_TIME : 1997-309 // 14:04:42.422  
 End UTC\_TIME : 1997-309 // 15:25:35.753  
 Start SCLK : 1/04204452:00:0:0  
 Delta Time between FOV : 606.0000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

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>					
 <p>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.</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 = 20.3 Rj.</p> <p>Last cn/ck = 93.8/95.8.</p>					
<b>Design Detail</b>					
<pre> 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)                     </pre>					

<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)		

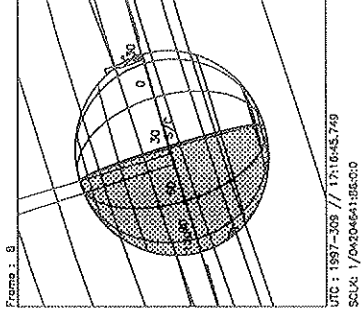
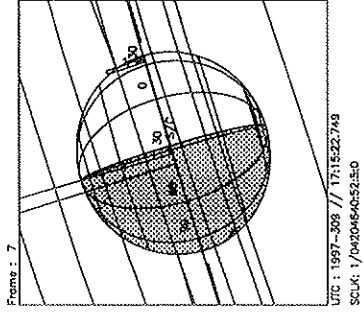
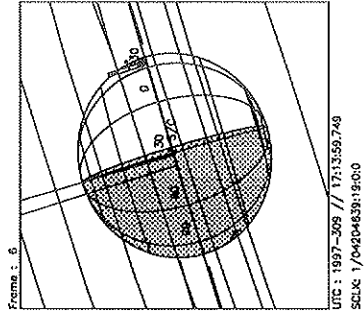
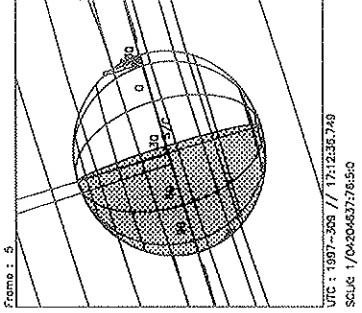
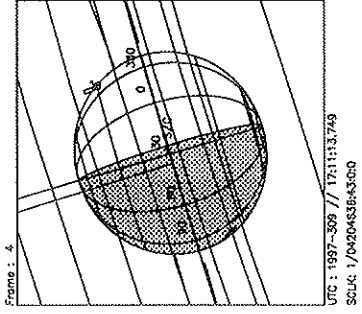
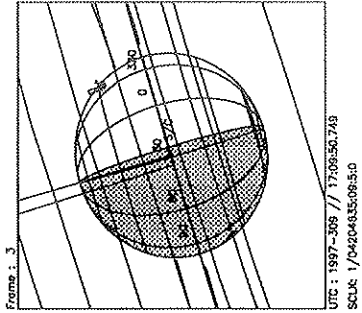
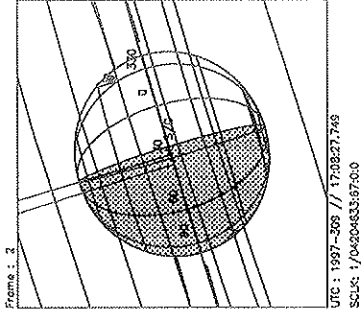
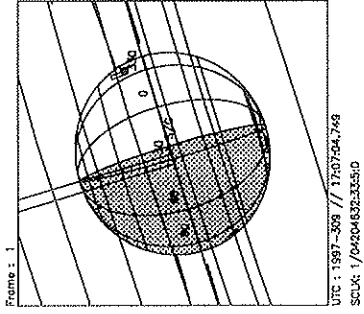
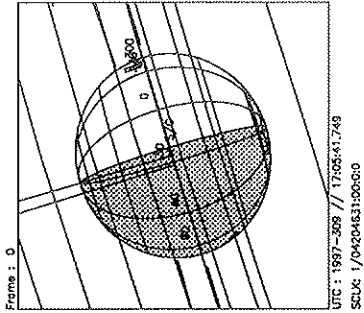


Start UTC\_TIME : 1997-309 // 16:23:13.751  
 End UTC\_TIME : 1997-309 // 17:00:38.416  
 Start SCLK : 1/04204589:00:0  
 Delta Time between FOV : 280.0000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

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	<b>OAPEL</b> 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>		

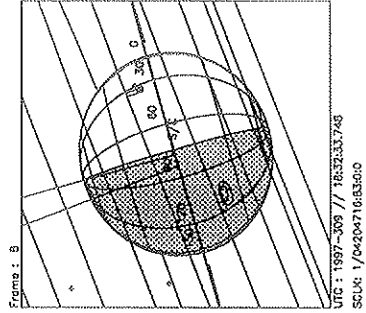
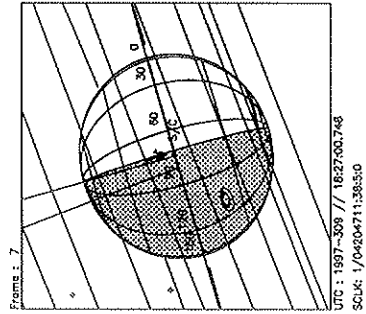
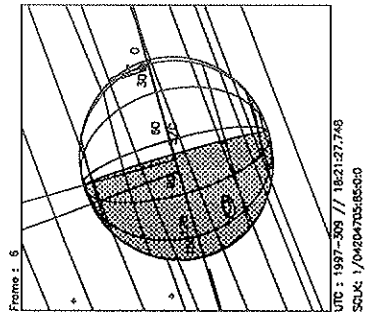
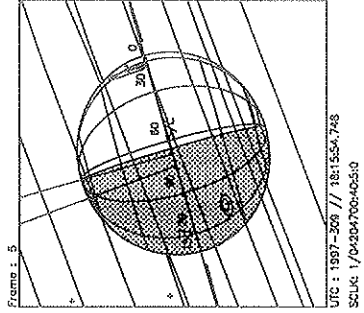
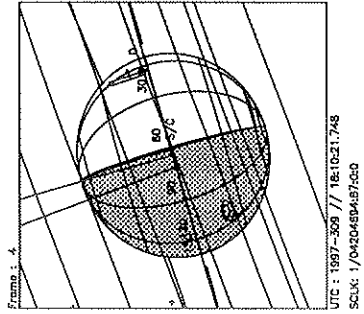
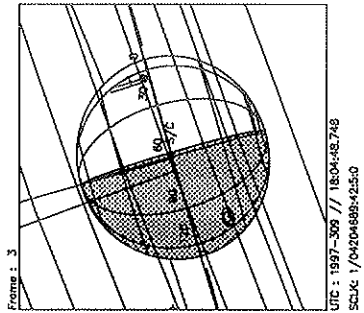
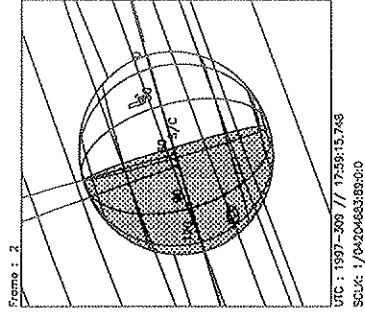
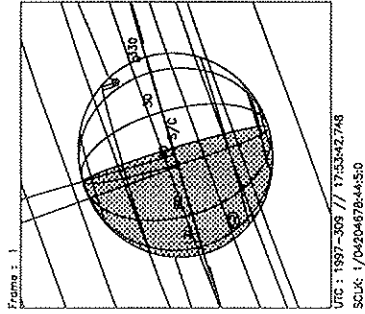
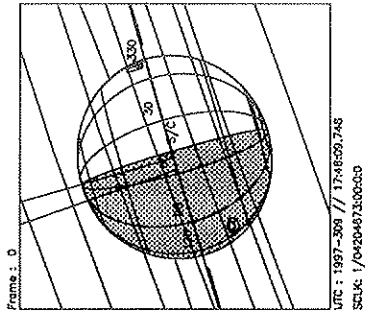


Start UTC\_TIME : 1997-309 // 17:05:41.749  
 End UTC\_TIME : 1997-309 // 17:16:49.082  
 Start SCLK : 1/04204631:00:0:0  
 Delta Time between FOV : 83.00000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

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</b> JUFTKR1E	<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>		
<p>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.</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 = 19.8 Rj.</p> <p>Last cn/ck = 93.8/95.8.</p>		
<b>Design Detail</b>		
<pre> 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)                 </pre> <p>[NOTE: deleted 349KF 28 -01+UVFLSH DISCRD,UVS for CDS byte savings.]</p>		

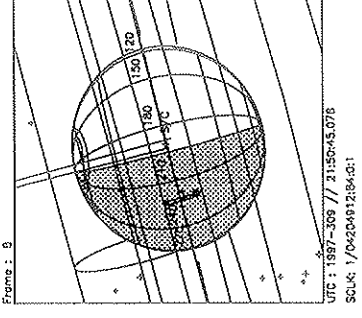
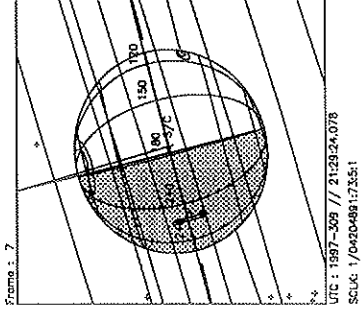
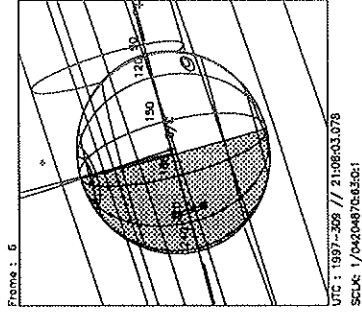
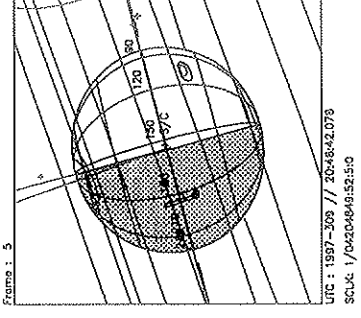
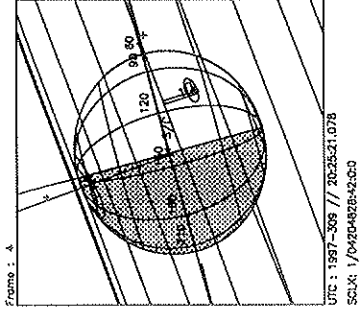
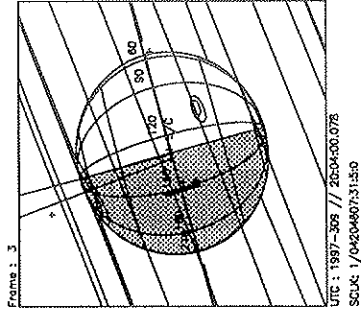
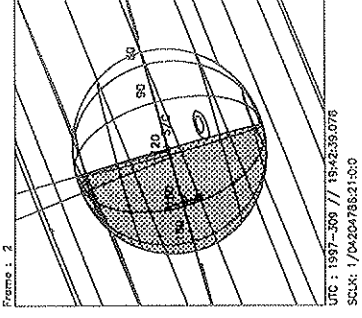
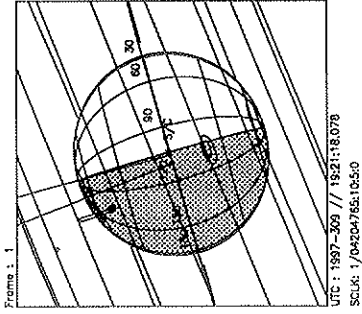
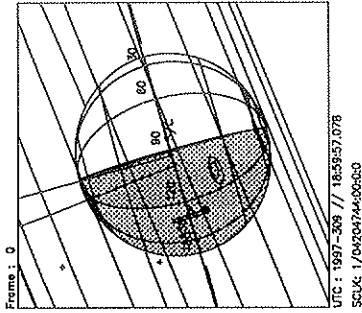
<b>Activity ID:</b> Orbit 11		OAPEL JUFTKR1E		<b>SeqNo</b> 32-	
<b>Title</b>	Feature Track			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA		<b>Team</b>	UVS	<b>Working Group</b> AWG
<b>Time System</b>	CDS	<b>Load ID</b>	11A	<b>Calendar Date</b>	11/05/97 <b>Week</b> 45
<b>Start</b>	JEE-CDS 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>					
<p>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.</p> <p>Realtime observation; G/G 176 step miniscan for hydrocarbons covering 1496-1755 A. Distance from Jupiter = 19.6 Rj.</p> <p>Last cn/ck = 93.8/95.8.</p>					
<b>Design Detail</b>					
<p>PSID CDS RIM COMMAND PARAMETERS</p> <p>384AK 00 00 COMMENT UVS RIM 0</p> <p>157AO 38 00 CMDRS PLAN_DUR = 26 RIMS; EST_UVS_CMDS = 2</p> <p>01 1</p> <p>34UVS/UVG: E3, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 1A, 8E, 00, 00</p> <p>26 26</p> <p>34UVS/OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00</p> <p>165AO 27 01 TARGET Lat/Lon = 14.7/8 (RA/Dec = TBD)</p> <p>349KJ 28 12+UVFLSH PACKET, UVS (4)</p> <p>349KK 28 32+UVFLSH PACKET, BOTH (5) (include EUV for CDS byte savings)</p>					



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	<b>OAPEL</b> 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>		
<pre> 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           </pre>		

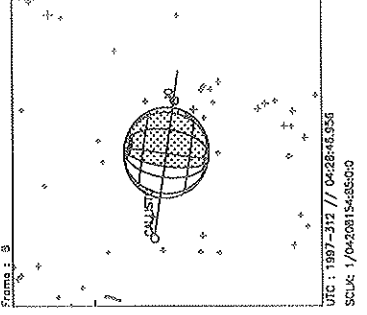
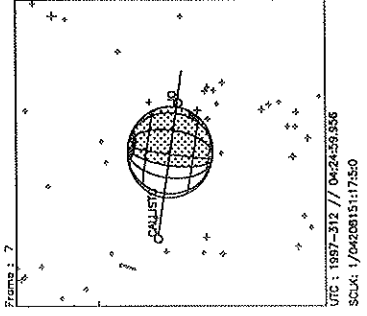
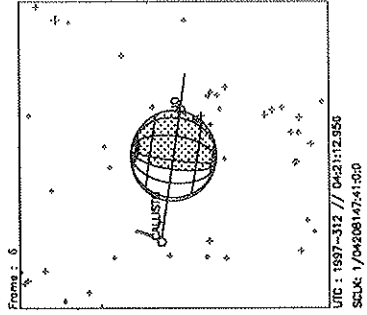
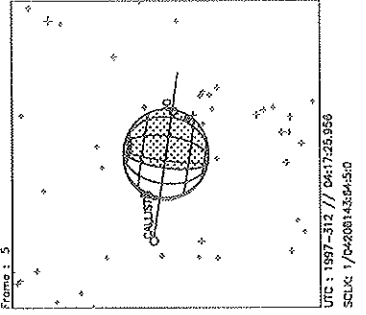
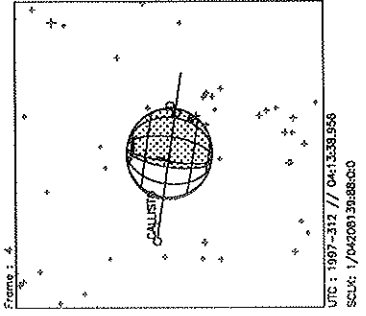
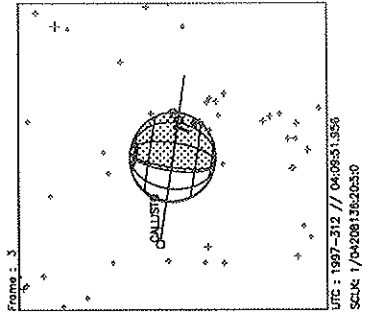
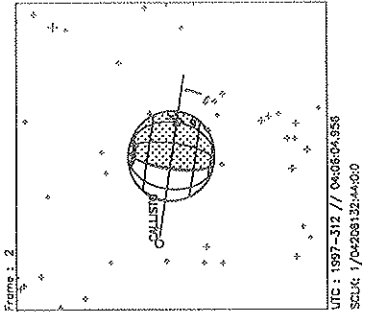
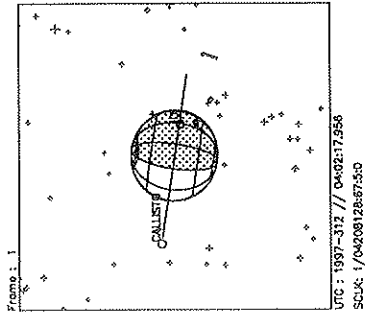
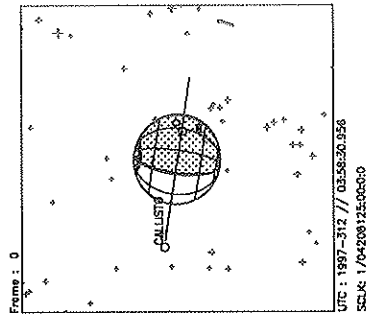


Start UTC\_TIME : 1997-309 // 18:59:57.078  
 End UTC\_TIME : 1997-309 // 21:50:49.739  
 Start SCLK : 1/04204744:00:00  
 Delta Time between FOV : 1281.000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

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>					
	Darkside/Gayside mapping for limb-darkening of H Lyman-alpha and H2. Observe H corona off dark and bright limbs to 1+ Rj.				
	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.				
	Last cn/ck = TBD.				
	[NOTE: Waiver #58242 for cone 87; siturn RA/Dec = 174.5/14.0.]				
<b>Design Detail</b>					
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					





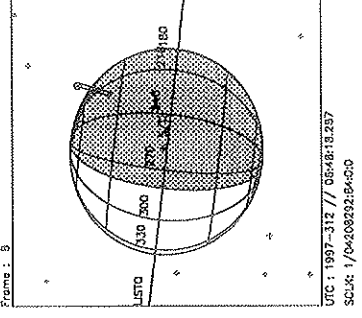
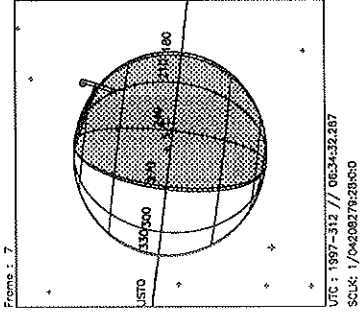
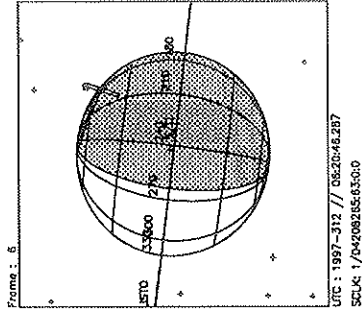
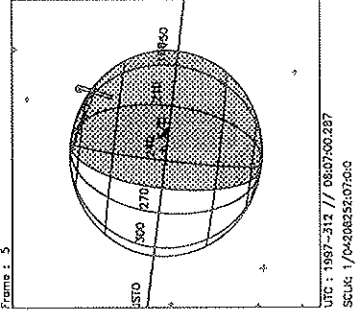
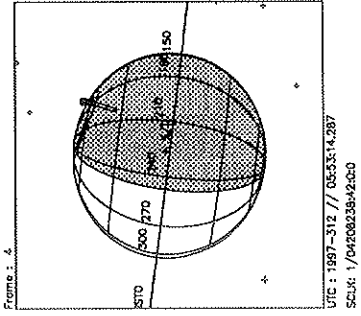
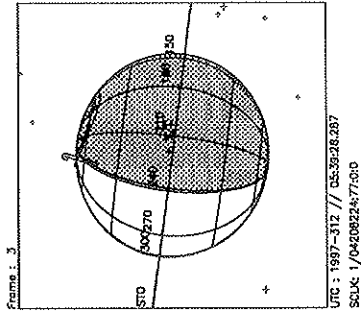
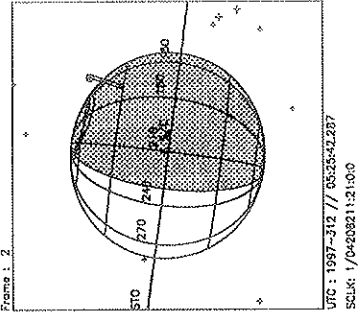
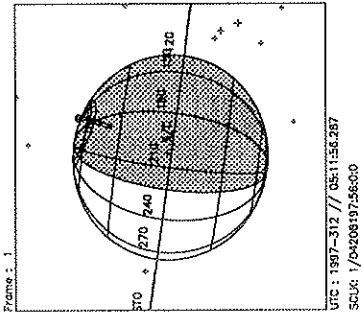
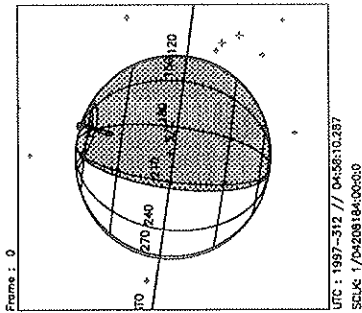
Start UTC\_TIME : 1997-312 // 03:58:30.956  
 End UTC\_TIME : 1997-312 // 04:28:50.955  
 Start SCLK : 1/04208125:000:0  
 Delta Time between FOV : 227.0000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.1x1.0)

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>					
<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-a 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>CDS Source</b>	OAP	<b>Spin State</b>	DUAL
		<b>Scan Platform</b>	Yes
		<b>DMS</b>	Yes
<b>Observation Objective</b>			
<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. Saturn 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</b> JUAURVAR	<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>		
	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).	
	Realtime observation for 40 RIMs; G/G 88 step 2 position Lyman-a miniscan. Distance from Jupiter = 18.8 Rj.	
	Last cn/ck = 97/275.	
	[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.]	
<b>Design Detail</b>		
PSID CDS RIM COMMAND PARAMETERS		
165AY 54 00 TARGET Lat/Lon = 54/181 (RA/Dec = TBD) (TMC active)		
349KT 28 41+UVFLSH PACKET,UVS (1)		



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