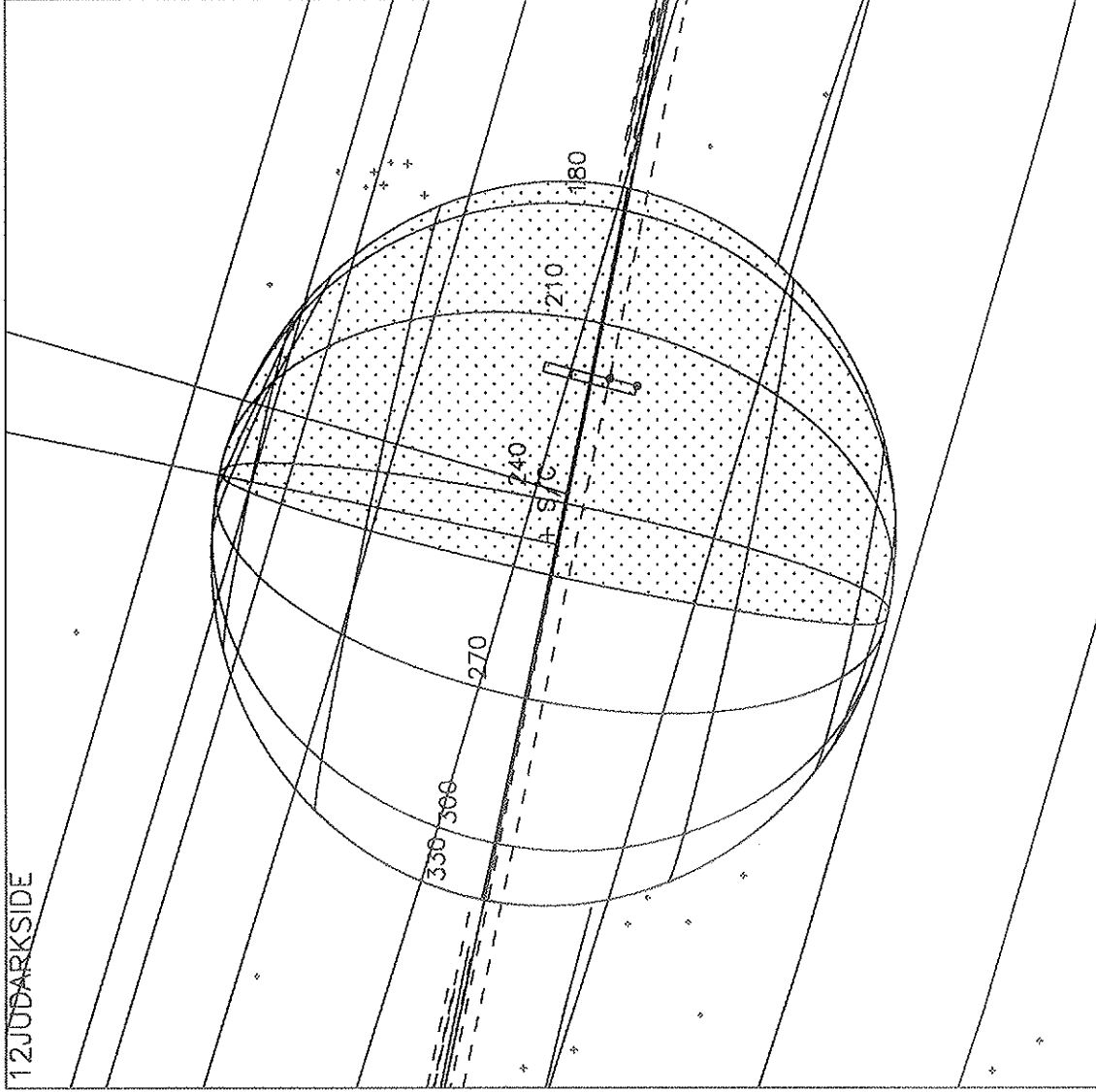


Activity ID:	Orbit 12	OAPEL JUDARKSI	SeqNo	DE-
Title	Darkside Lyman-alpha		Instrument	UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group
				AWG
Time System	CDS	Load ID	A	Calendar Date
				12/17/97
Week	51			
Start	JEE+CDS 00001210:00:0	97-351/02:59:10.882	JEE+000/20:23:26.666	
End	JEE+CDS 00001274:00:0	97-351/04:03:53.549	JEE+000/21:28:09.333	
Duration	00000064:00:0	000/01:04:42.667	000/01:04:42.667	
Top Label	12JUDARKSIDE-			
Bottom Label	realtime			
Plot Key	UVS	Type	SCI	
CDS Bytes	176	Report Options	BOTH	Scan Platform
				Yes
CDS Source	OAP	SpIn State	DUAL	DMS
				No
<b>Observation Objective</b>				
<p>Observe equatorial Lyman-a on Jupiter's darkside to determine long-term changes as a function of System III longitude from charged particle impact upon thermospheric hydrogen. Without the effect of sunlight, H emission variations result from magnetospheric plasma interaction and dynamical mixing from lower layers. This is a real-time observation for 1.0 hours using a G/G Lyman-a 88 step 2 position miniscan at a distance from Jupiter = TBD Rj. GRS at 118.</p> <p>Resource usage: CDS bytes = 176          MBTG = 0.035424          S/P = 64 RIMS          DMS = none          Time = 64 RIMS</p> <p>GEM Objective Phase 1 - Magnetospheric interactions          Phase 2 - none          Phase 3 - none</p>				
<b>Design Detail</b>				
<p>PSID CDS RIM COMMAND PARAMETERS</p> <p>384AA 00 00:00 COMMNT UVS RIM 0</p> <p>157AA 38 03:00 CMDRS PLAN_DUR = 61 RIMS; EST_UVS_CMDS = 2 (34UVS)</p> <p>04:00 1</p> <p>UVG:DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C</p> <p>64:00 61</p> <p>OFF: C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00</p> <p>349AA 28 03:69 UVFLSH DISCRD, UVS</p> <p>165AA 54 04:00 TARGET Lat/Lon = 0/220 (RA/Dec = 57.99/22.09) Last cn/ck = 153/300 (TMC active)</p> <p>349AB 28 33:69 UVFLSH PACKET, UVS (1)</p> <p>349AC 28 63:69 UVFLSH PACKET, UVS (2)</p> <p>(NOTE: longitude 220 lags GRS by 102 deg; refer to waiver 58242 for cone 77.)</p>				

Thu Nov 6 20:29:36 1997



Start UTC\_TIME : 1997-351 // 03:02:00.280

No End Time :

Start SCLK : 1/04263612:00:0:0

Target Body : JUPITER

Target Ra/Dec : 59.85 / 22.48 Deg

S/C to Body Center : 1071243. Km ( 14.984102 RJ )

Z-axis Pointing ( Ra / Dec ) : 140.40 / 17.20 Deg