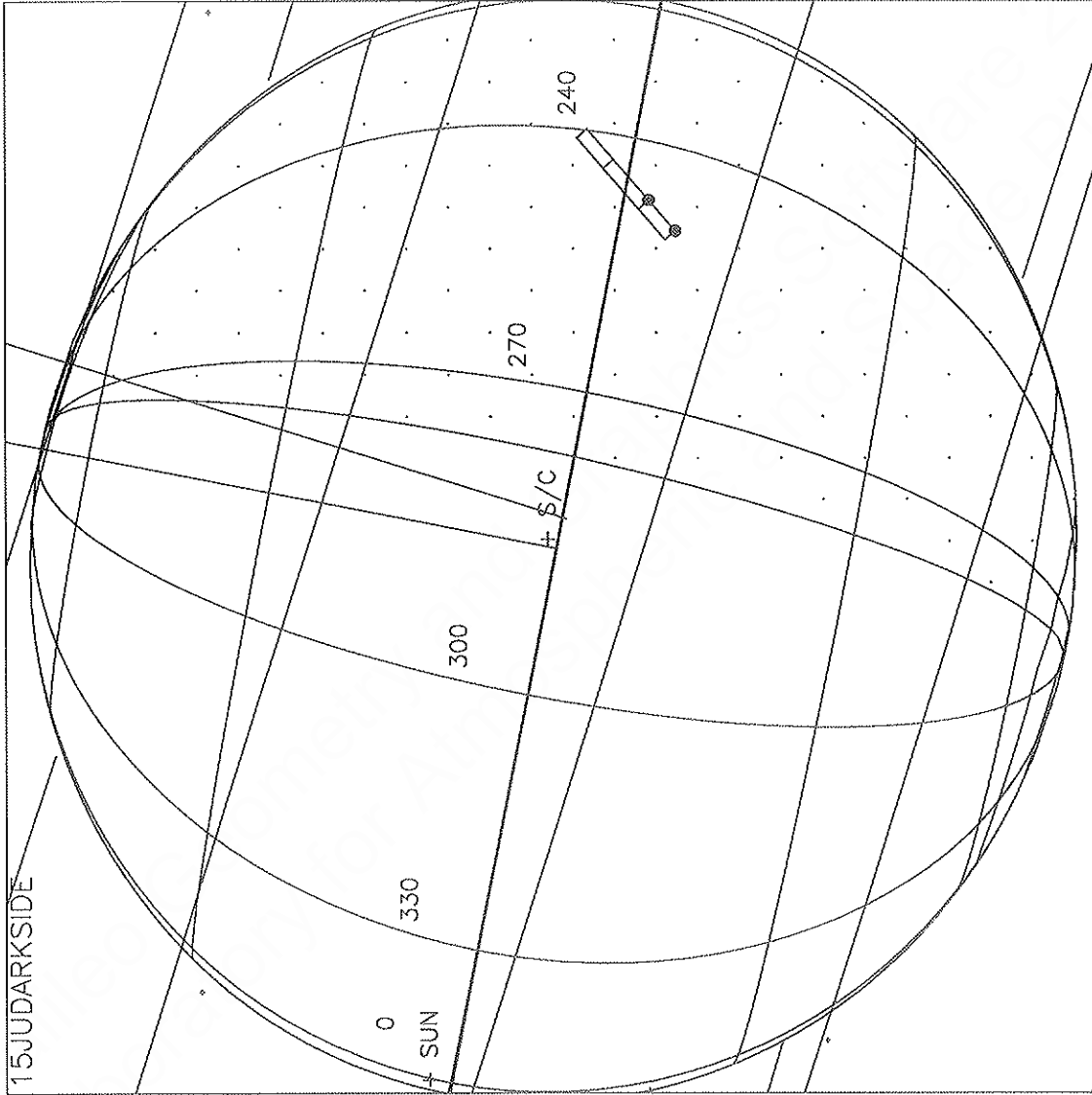


Activity ID:	Orbit 15	OAPEL	JUDARKSI	SeqNo	DE-
Title	Darkside Lyman-alpha			Instrument	UVS
Requestor	UVS-AWG/W. KENT TOBISKA	Team	UVS	Working Group	AWG
Time System	CDS	Load ID	15A	Calendar Date	06/01/98
				Week	22
Start	JEE+CDS 00001024:00:0		98-152/19:49:50.466		JEE+000/17:15:22.666
End	JEE+CDS 00001088:00:0		98-152/20:54:33.133		JEE+000/18:20:05.333
Duration	00000064:00:0		000/01:04:42.667		000/01:04:42.667
Top Label	15JUDARKSIDE-				
Bottom Label	realtime				
Plot Key	UVS	Type	SCI		
CDS Bytes	230	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No
Observation Objective					
	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 149.				
	Resource usage: CDS bytes = 176 MBTG = 0.035424 S/P = 64 RIMs DMS = none Time = 64 RIMs				
GEM Objective Phase 1 - Magnetospheric interactions Phase 2 - none Phase 3 - none					
Design Detail					
PSID CDS RIM COMMAND PARAMETERS 384AA 00 00:00 COMMNT UVS RIM 0 157AB 38 03:00 CMDRS PLAN_DUR = 61 RIMs; EST_UVS_CMDS = 2 (34UVS) 04:00 1 UVG:DF, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, ON, OFF, NOOVR, 1, 2C, 7D, 00, 2C 64:00 61 OFF:C1, FIXED, NORM, NORM, NORM, SAME, 0, OFF, OFF, ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00 349AA 28 03:69 UVFLSH DISCRD, UVS 165AB 54 04:00 TARGET Lat/Lon = 0/248 (RA/Dec = 58.31/22.37) (TMC active) 349AB 28 33:69 UVFLSH PACKET, UVS (1) 165AC 54 35:00 TARGET Lat/Lon = 0/267 (RA/Dec = 59.83/22.66) (TMC active) 349AC 28 63:69 UVFLSH PACKET, UVS (2)					

See note in SWG about pointing problems.

Mon May 4 23:02:42 1998

obs 1

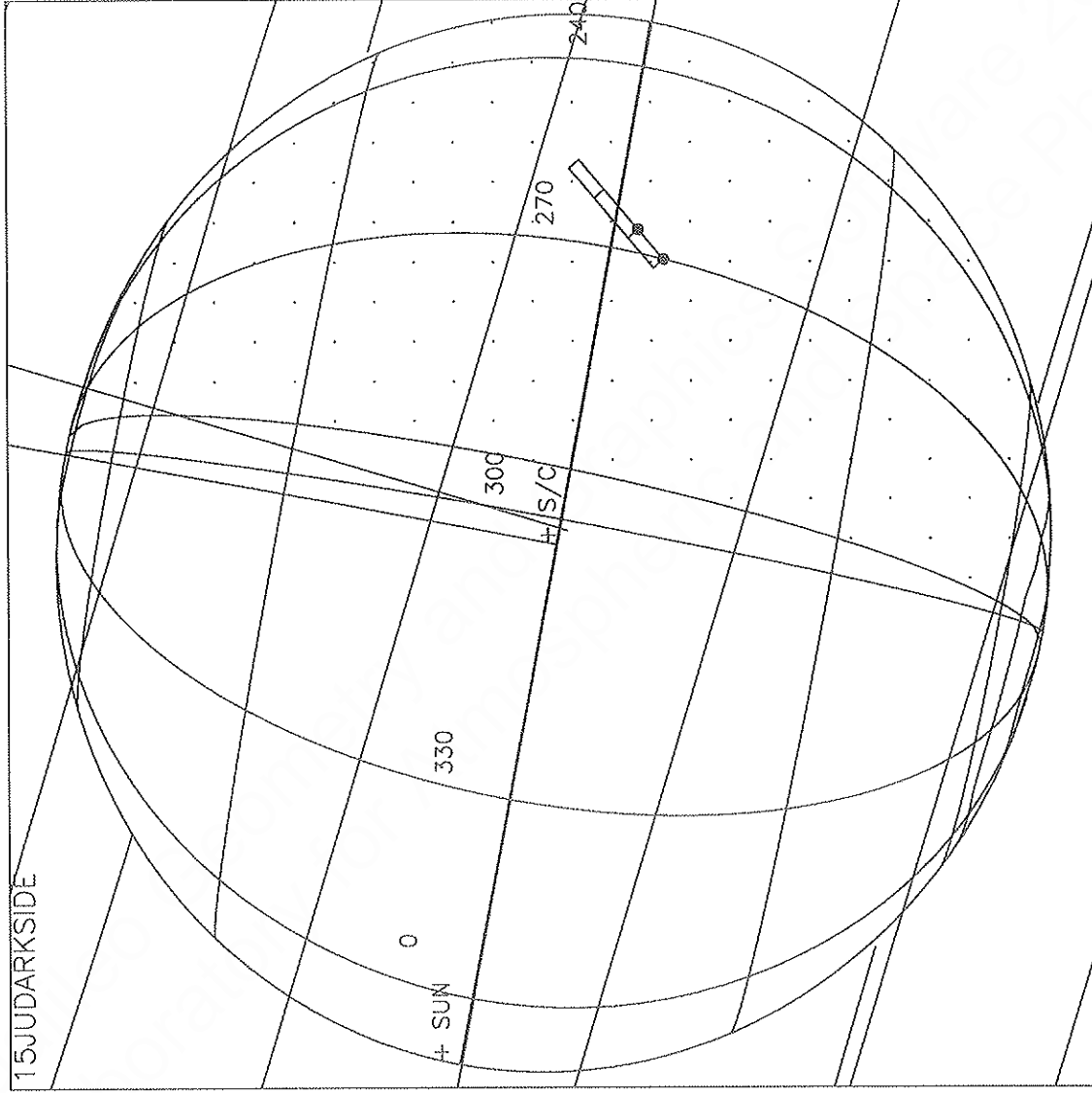


Start UTC_TIME : 1998-152 // 19:53:47.683
No End Time :
Start SCLK : 1/04501026:00:0:0

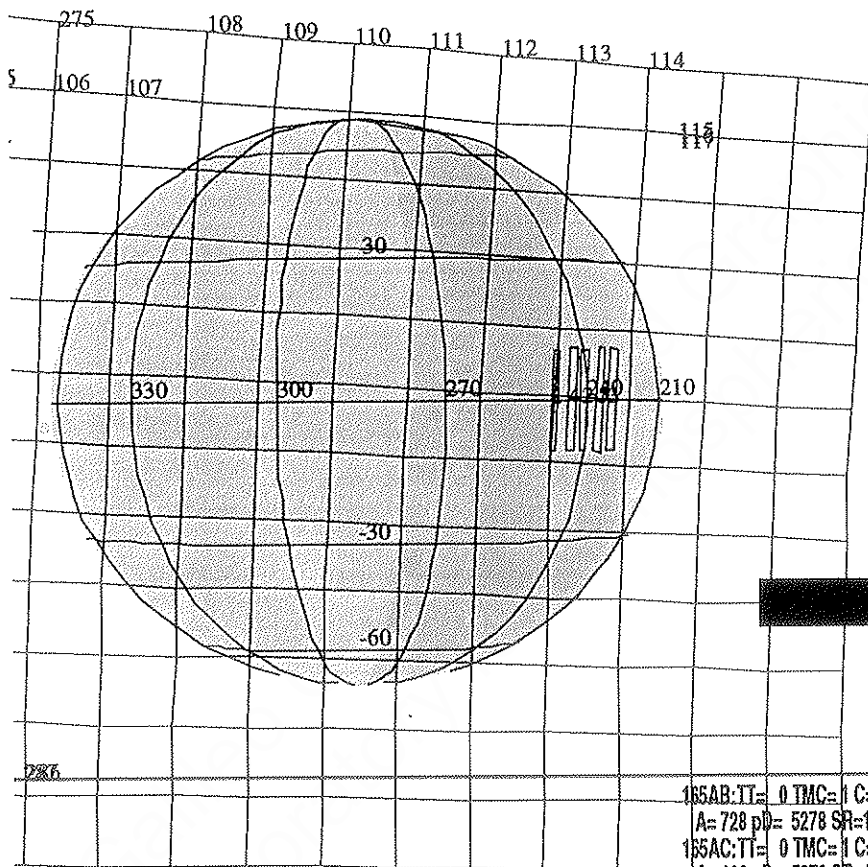
Target Body : JUPITER
Target Ra/Dec : 61.23/ 22.94 Deg
S/C to Body Center : 990095.5 Km (13.849039 RJ)
Z-axis Pointing (Ra / Dec) : 175.44 / 4.46 Deg

Mon May 4 23:04:13 1998

Obs 2



Start UTC_TIME : 1998-152 // 20:24:07.682
No End Time :
Start SCLK : 1/04501056:00:0:0
Target Body : JUPITER
Target Ra/Dec : 62.58 / 23.17 Deg
S/C to Body Center : 1005706. Km (14.067398 RJ)
Z-axis Pointing (Ra / Dec) : 175.44 / 4.46 Deg



165AB:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/5687 TC= 1(0 248)
 A= 728 pD= 5278 SR=17.450 RA50= 58.31 DEC50= 22.37 cone=113.01 clock=280.08
 165AC:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/1329 TC= 1(0 267)
 A= 182 pD= 5278 SR=17.450 RA50= 59.83 DEC50= 22.66 cone=111.57 clock=280.17

ESIGN G3.2 kent : 4/22/1998 11: 7:30

FILE:P.15JUDARKSIDE

CENTRAL BODY:JUPITER III

FILE:m.15JUDARKSIDE

FILE:EPH:/DATA/NAVIO/T-980330-tour.NS

ERIAPSIS:

THINNING: :UVS 60

TARGET:JEE 98-152/02:34:27.800 +CDS 1028:00:0

BODY PLOT TIME:TARGET-TIME D= 5278 S= 0.800