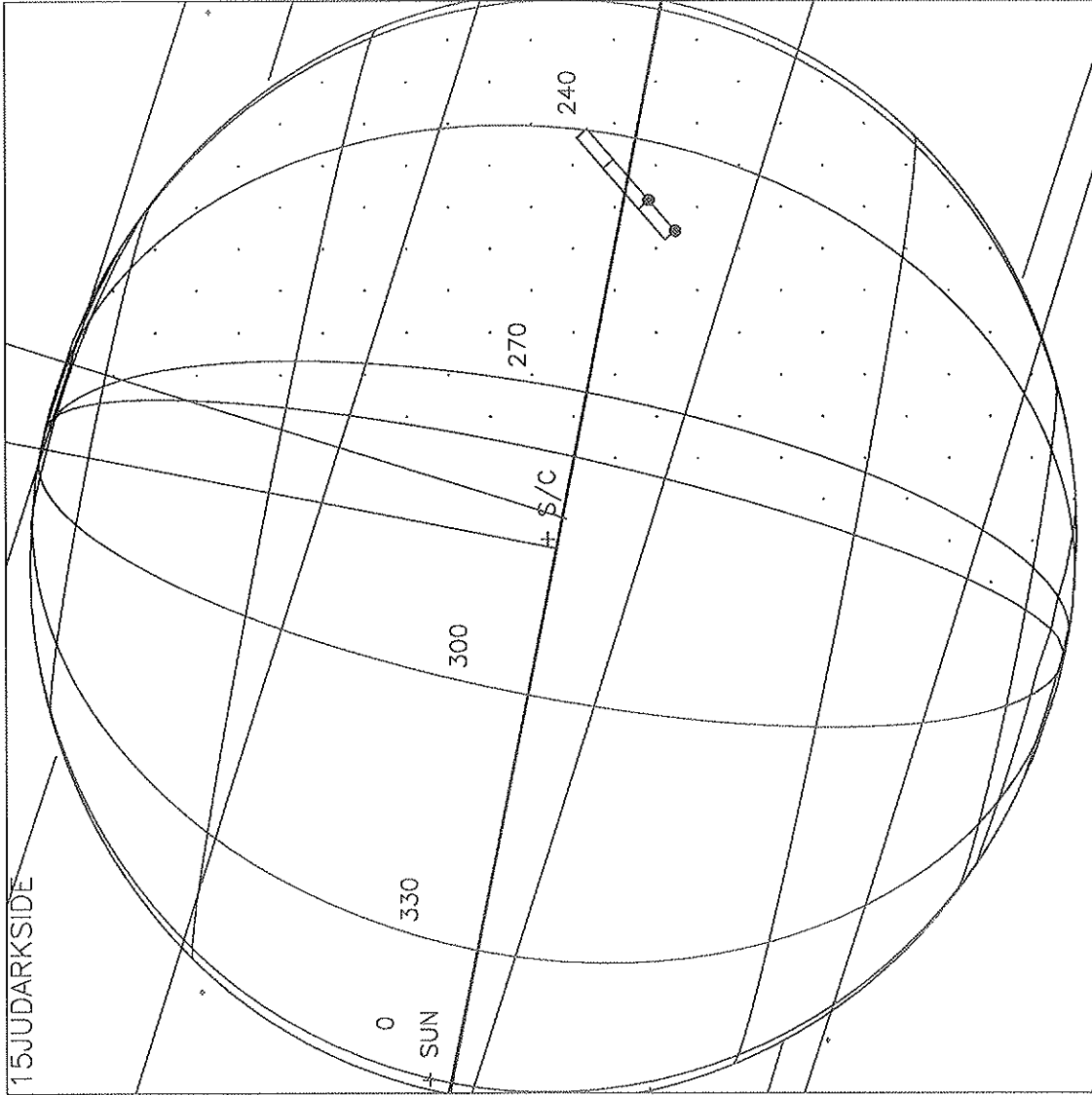


<b>Activity ID:</b>	Orbit 15	<b>OAPEL</b> JUDARKSI	<b>SeqNo</b>	DE-
<b>Title</b>	Darkside Lyman-alpha		<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-AWG/W. KENT TOBISKA	<b>Team</b>	UVS	<b>Working Group</b> AWG
<b>Time System</b>	CDS	<b>Load ID</b>	15A	<b>Calendar Date</b> 06/01/98 <b>Week</b> 22
<b>Start</b>	JEE+CDS 00001024:00:0		98-152/19:49:50.466	JEE+000/17:15:22.666
<b>End</b>	JEE+CDS 00001088:00:0		98-152/20:54:33.133	JEE+000/18:20:05.333
<b>Duration</b>	00000064:00:0		000/01:04:42.667	000/01:04:42.667
<b>Top Label</b>	15JUDARKSIDE-			
<b>Bottom Label</b>	realtime			
<b>Plot Key</b>	UVS	<b>Type</b>	SCI	
<b>CDS Bytes</b>	230	<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>				
	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				
<b>Design Detail</b>				
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.*

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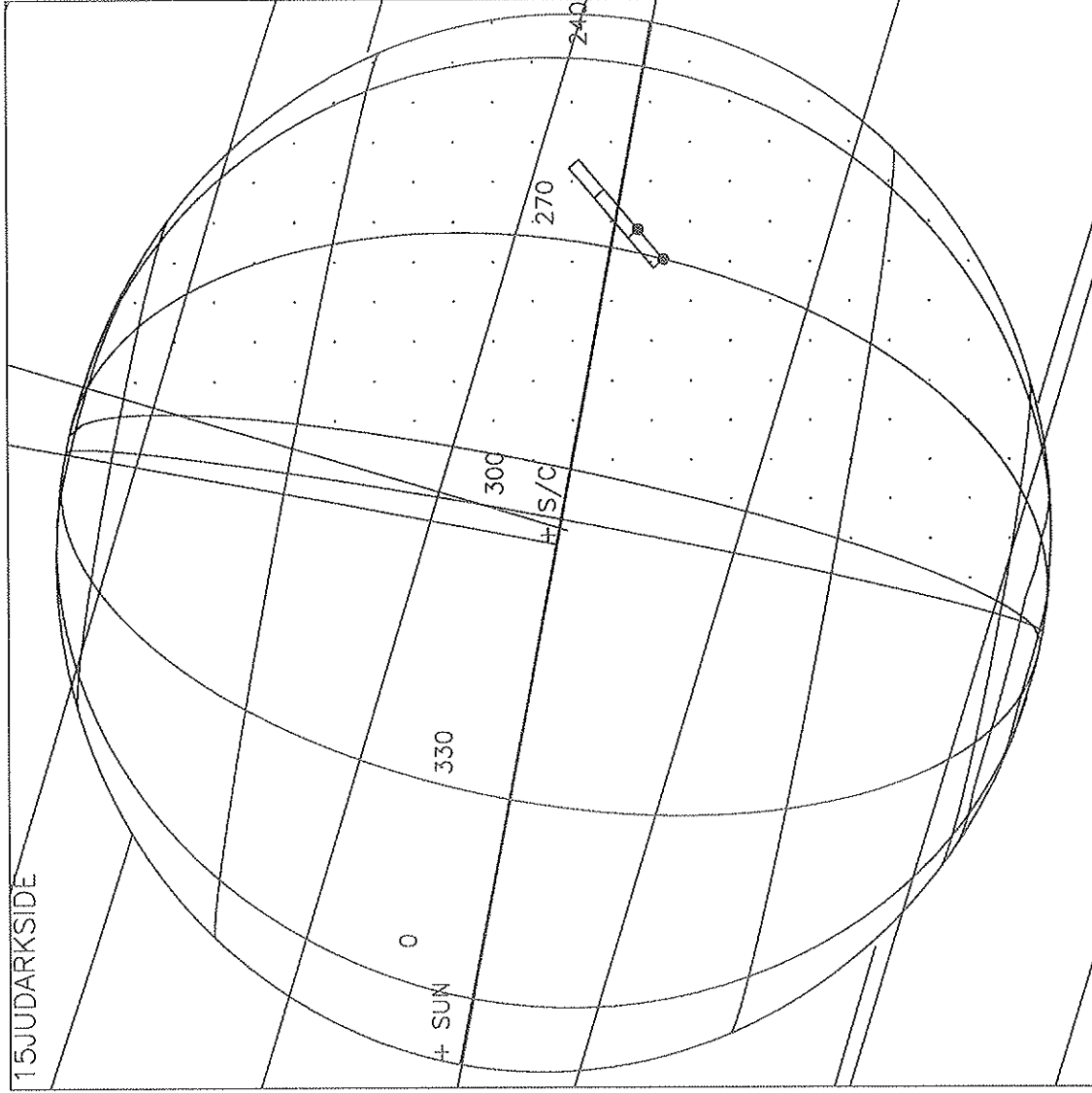
obs 1



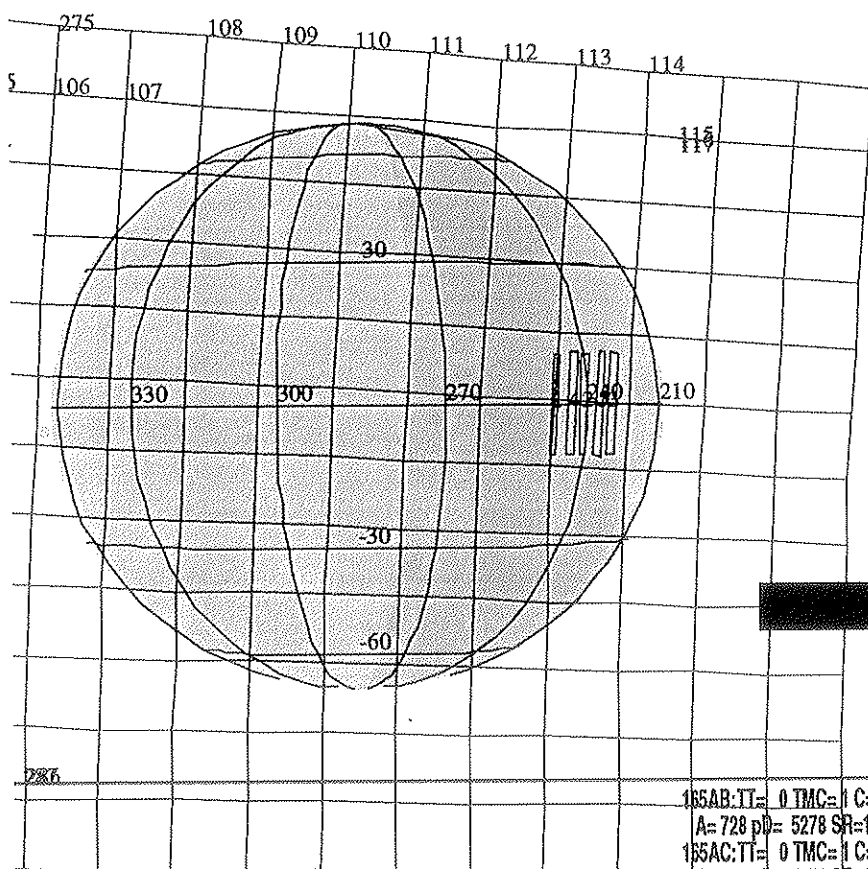
Start UTC\_TIME : 1998-152 // 19:53:47.683  
No End Time :  
Start SCLK : 1/04501026:00:0:0  
Target Body : JUPITER  
Target Ra/Dec : 61.23/ 22.94 Deg  
S/C to Body Center : 990095.5 Km ( 13.849039 RJ )  
Z-axis Pointing ( Ra / Dec ) : 175.44 / 4.46 Deg

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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:IT= 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:IT= 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