Activity ID:	Orbit 14	OAPEL JUAURORA		SeqNo _N-	
Title	Aurora north			**Instrument**	UVS
Requestor	UVS-AWG/W. KENT TOBISKA	**Team**	UVS	**Working Group**	AWG

Time System	CDS	**Load ID**	14A	**Calendar Date**	03/30/98 Week 13
Start	JEE+CDS 00001572:00:0	98-089/10:28:48.400		JEE+001/02:29:28.000	
End	JEE+CDS 00001666:00:0	98-089/12:03:51.066		JEE+001/04:04:30.666	
Duration	00000094:00:0	000/01:35:02.666		000/01:35:02.666	

Top Label	14JUAURORA_N-				
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

Observation Objective

Northern Jupiter aurora observations of Lyman-a and H2 emissions above cone 70 (F/G) near the 180 (N) longitude. We will attempt to capture the Io fluxtube footprint (IFT) and any fluxtube that maps from Europa to Jupiter to understand long-term magnetosphere and Jovian upper atmosphere interaction. This is a realtime observation for 1.5 hours using F/G full-scans at a distance from Jupiter = 18 Rj.

waiver G-14: cone 83

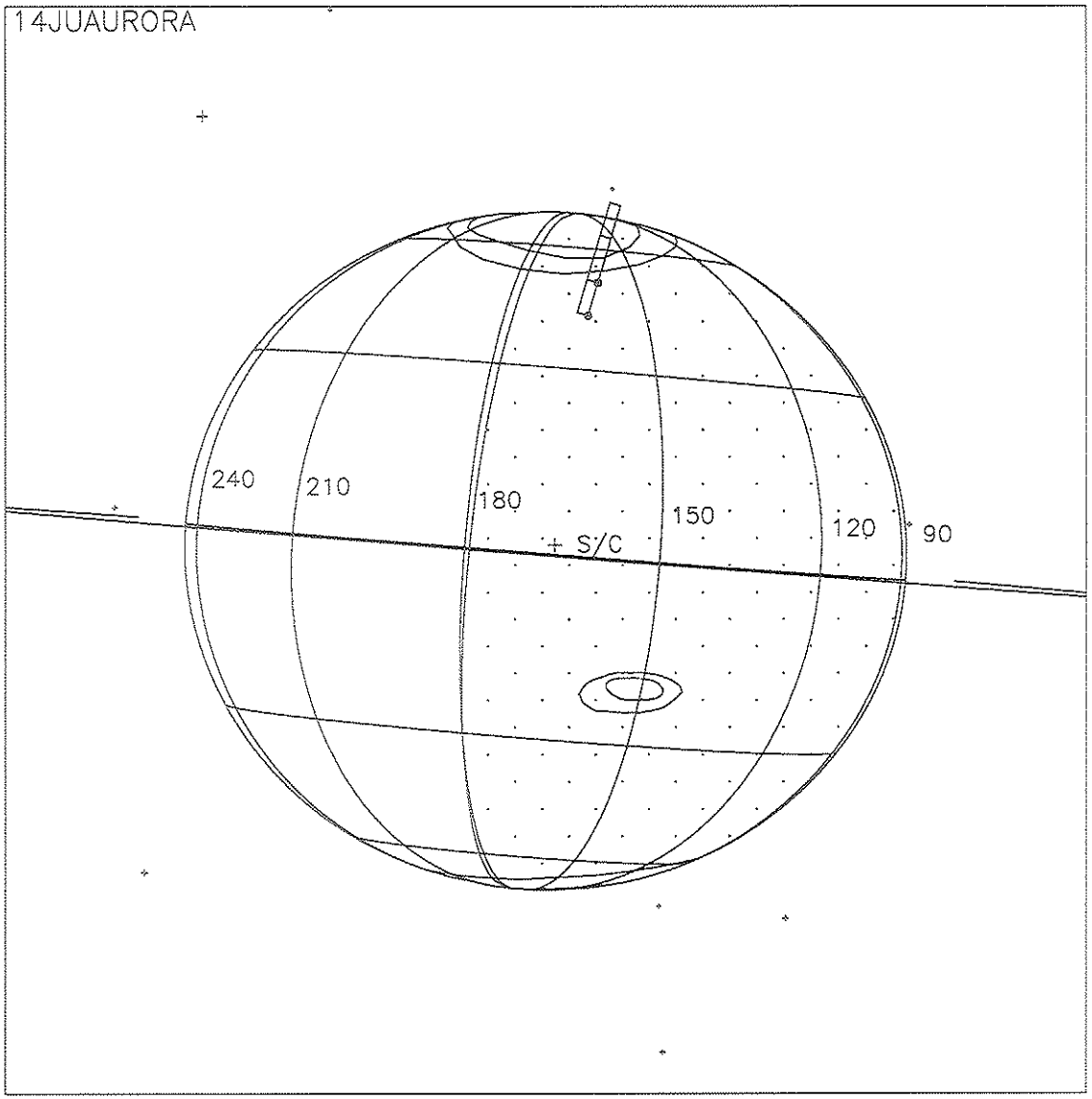
Resource usage: CDS bytes = 176
MBTG = 0.053136
S/P = 94 RIMs
DMS = none
Time = 94 RIMs

GEM Objective Phase 1 - Magnetospheric interactions

Design Detail

```
PSID  CDS   RIM   COMMAND PARAMETERS
384AA 00    00:00 COMMNT UVS RIM 0
157AA 38    03:00  CMDRS PLAN_DUR = 91 RIMS; EST_UVS_CMDS = 2 (34UVS)
          04:00     1
UVF:07,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,ON,ON,OFF,NOOVR,1,00,9C,01,2C
          94:00     91
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
165AA 54    04:00 TARGET Lat/Lon = 60/160 (RA/Dec = 76.79/27.35) Last cn/ck = 153/300 (TMC
active)
349AB 28    33:69 UVFLSH PACKET,UVS (1)
349AC 28    63:69 UVFLSH PACKET,UVS (2)
349AD 28    93:69 UVFLSH PACKET,UVS (3)
```

Mon Mar 2 23:38:20 1998



Start UTC_TIME : 1998-089 // 10:32:45.617
No End Time :
Start SCLK : 1/04410748:00:0:0

Target Body : JUPITER
Target Ra/Dec : 77.33/ 24.78 Deg
S/C to Body Center : 1281197. Km (17.920841 Rj)
Z-axis Pointing (Ra / Dec) : 163.94 / 7.86 Deg