

<b>Activity ID:</b>	Orbit 20	<b>OAPEL</b>	TV20NANS	<b>SeqNo</b>	01-
<b>Title</b>	UVS/EUV IO TORUS NOON ANSA, C20 OUTBOUND			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b>	MWG

<b>Time System</b>	CDS	<b>Load ID</b>	20A	<b>Calendar Date</b>	05/04/99	<b>Week</b>	70
<b>Start</b>	JEE+CDS 00001393:00:0		99-124/16:29:05.466		JEE+000/23:28:28.666		
<b>End</b>	JEE+CDS 00002555:00:0		99-125/12:04:00.133		JEE+001/19:03:23.333		
<b>Duration</b>	00001162:00:0		000/19:34:54.667		000/19:34:54.667		

<b>Top Label</b>	20TV20NANS01-				
<b>Bottom Label</b>	(UVS/EUV RTS Io Torus)				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	1812	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	OAP	<b>Spin State</b>	DUAL	<b>DMS</b>	No

**Observation Objective**

EUV MAP OF IO TORUS NOON ANSA, C20 OUTBOUND:  
 Target: 90 CONE (assumes Earth-pointing); 5.76 Rj ansa ribbon determines CLOCK  
 From: +8.88 Rj, 124/16:55, GLL-Jup = 17.0 Rj, start EUV torus near Europa ansa  
 Thru: +6.50 Rj, 125/03:02, GLL-Jup = 21.3 Rj, start UVS (after UVS-AWG JUAURORA)  
 Thru: +5.78 Rj, 125/05:25, GLL-Jup = 22.6 Rj, ansa ribbon (Sys III W Long xxx)  
 To: +3.93 Rj, 125/12:08, GLL-Jup = 25.5 Rj, end UVS/EUV (by agreement with HIC)  
 UVFLUSH STRATEGY (data rate 4.87 bps EUV):  
 60-RIM UVFLUSHes needed to PACKET EUV  
 Total bits: 7 UVS + 18 EUV UVFLUSH PACKETS = 0.124 MB UVS + 0.319 MB EUV = 0.443 MB  
 WAVELENGTHS (A): Emission lines: (S++ 685, S+ 765, O+ 834)  
 Waiver G-21 for EUVON at 17.0 Rj.

**Design Detail**

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PSID   RM:mf  CDS PA
384EA  0     000 COMMNT UVS RIM 0
384EB  1     900 [LOAD PHASE 2 EUVON LIBRARY SEQUENCE]
384EC  7     179 [LOAD PHASE 2 EUVTOR LIBRARY SEQUENCE]
351EB  9     21  EUVCMD [TARGET BODY TORUS]
          9     24EUV,C,3,D9,C,2,18 [STARTING STEP 217, 2 SCANS/SECTOR, 24 SECTORS]
349EA  14:69 28  UVFLUSH [6UVRT, DISCRD, EUV]
349EB  73:69 224 UVFLUSH (28*8) [6UVRT, PACKET, EUV]
...EE,BG...BJ [Repeat PACKET EUV every 60 RIMs; also 349JX packets the EUV.]
          [1466:69,1526:69,1586:69,1646:69,1766:69,1826:69,1886:69,1946:69]
349EK  613:69 028 UVFLSH [6UVRT, PACKET, BOTH; UVS part is for the 20JUAURORA01 packet 2]
349EM  673:69 252 UVFLUSH (28*9) [6UVRT, PACKET, BOTH]
...ER,BT,BV [Repeat PACKET BOTH every 60 RIMs, (349BM & 349BT EUV only)]
          [2066:69,2126:69,2186:69,2246:69,2306:69,2366:69,2426:69,2486:69,
          2546:69]
384EE  1156  180 [LOAD PHASE 2 EUVOFF LIBRARY SEQUENCE]

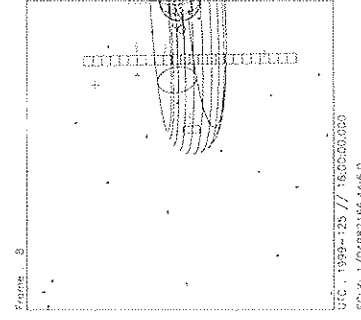
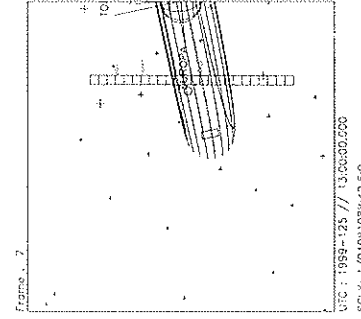
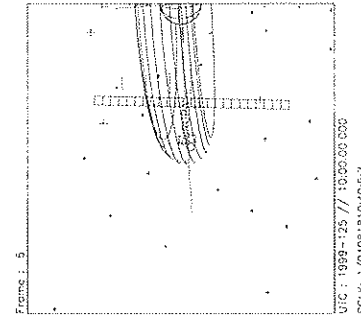
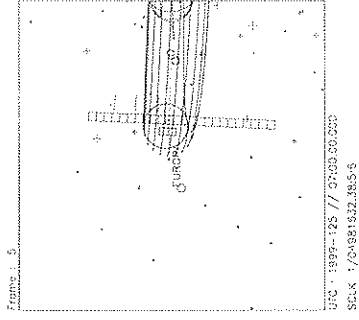
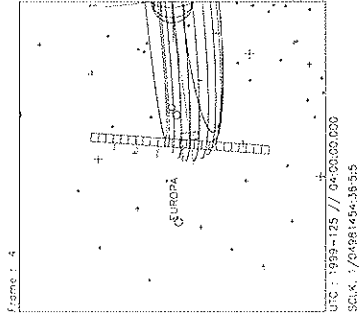
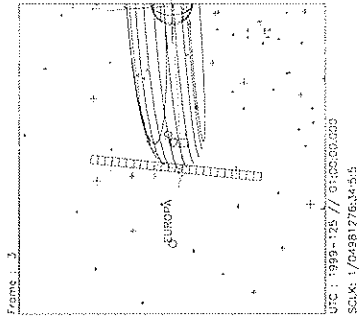
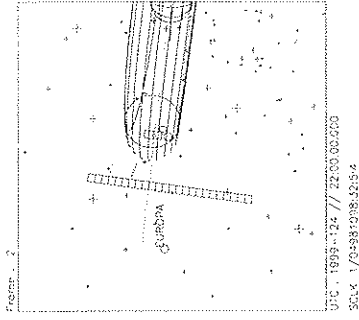
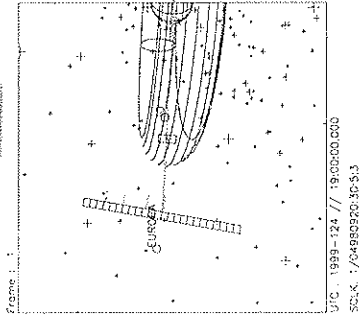
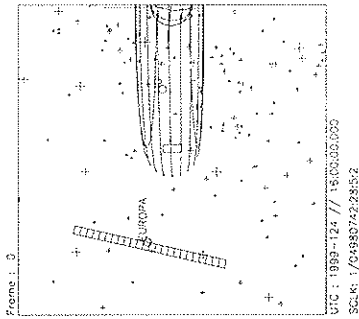
[removed in EUVOFF for new power profile per engineering request:
PA2,COMMENT,384YD,PRI,VOF+CDS 1160:00:0
PA2,UTILITY,20YD,BOTH,VOF+CDS 1160:00:0,+CDS 01:00:0,+00:01:00.666,RSST
MISC,NOTE,20YD99A,BOTH,VOF+CDS 1160:04:0,,EUV-MWG/K. TOBISKA 3-7742
CMD,12HAP,20YD3A,PRI,VOF+CDS 1160:04:0,1;
    
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Use 217 KES/AIFS

Tue Mar 2 22:12:52 1999

NANSA01: SA=217, 24X2

Page 1 of 1

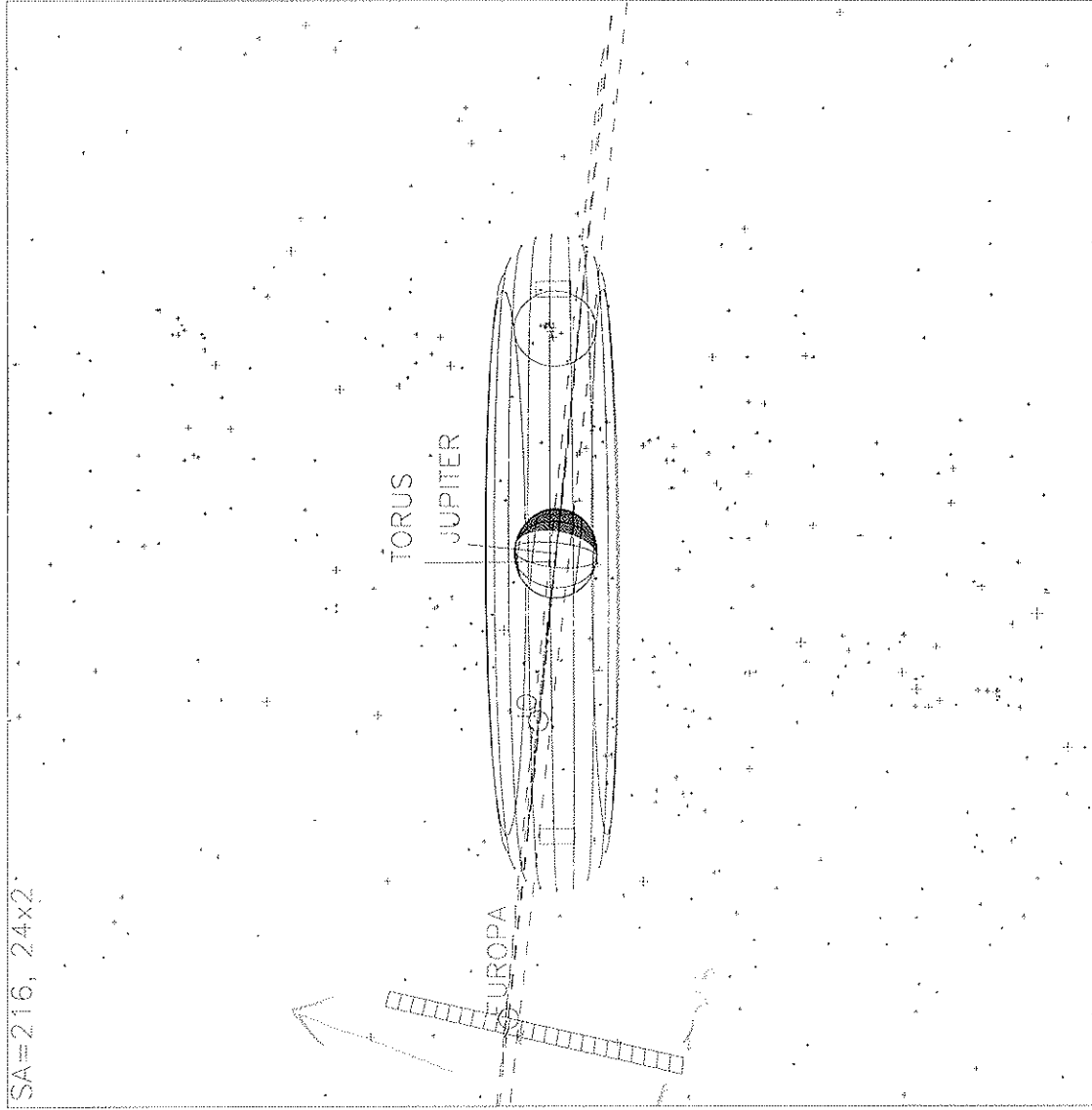


Start UTC TIME: 1999-124 // 15:00:00.000  
 No End Time:  
 Start SCLK: 1/04980742:28:52

Target Body: JUPIER  
 Target Ra/Dec: 74.14 / 24.73 Deg  
 S/C to Body Center: 1196472. Km (16.73574: Rj)  
 Z-axis Pointing (Ra / Dec): 198.35 / -3.06 Deg

20TV20WAW501

Tue Mar 2 21:33:38 1999



Start UTC\_TIME : 1999-12- // 16:00:00.000  
No End Time :  
Start SCLK : 1/04980742:28:5:2

Target Body : JUPITER  
Target Ra/Dec : 74.14/ 24.73 Deg  
S/C to Body Center : 1196472. Km ( 16.73574: R)  
Z-axis Pointing ( Ra / Dec ) : 198.35 / -3.06 Deg