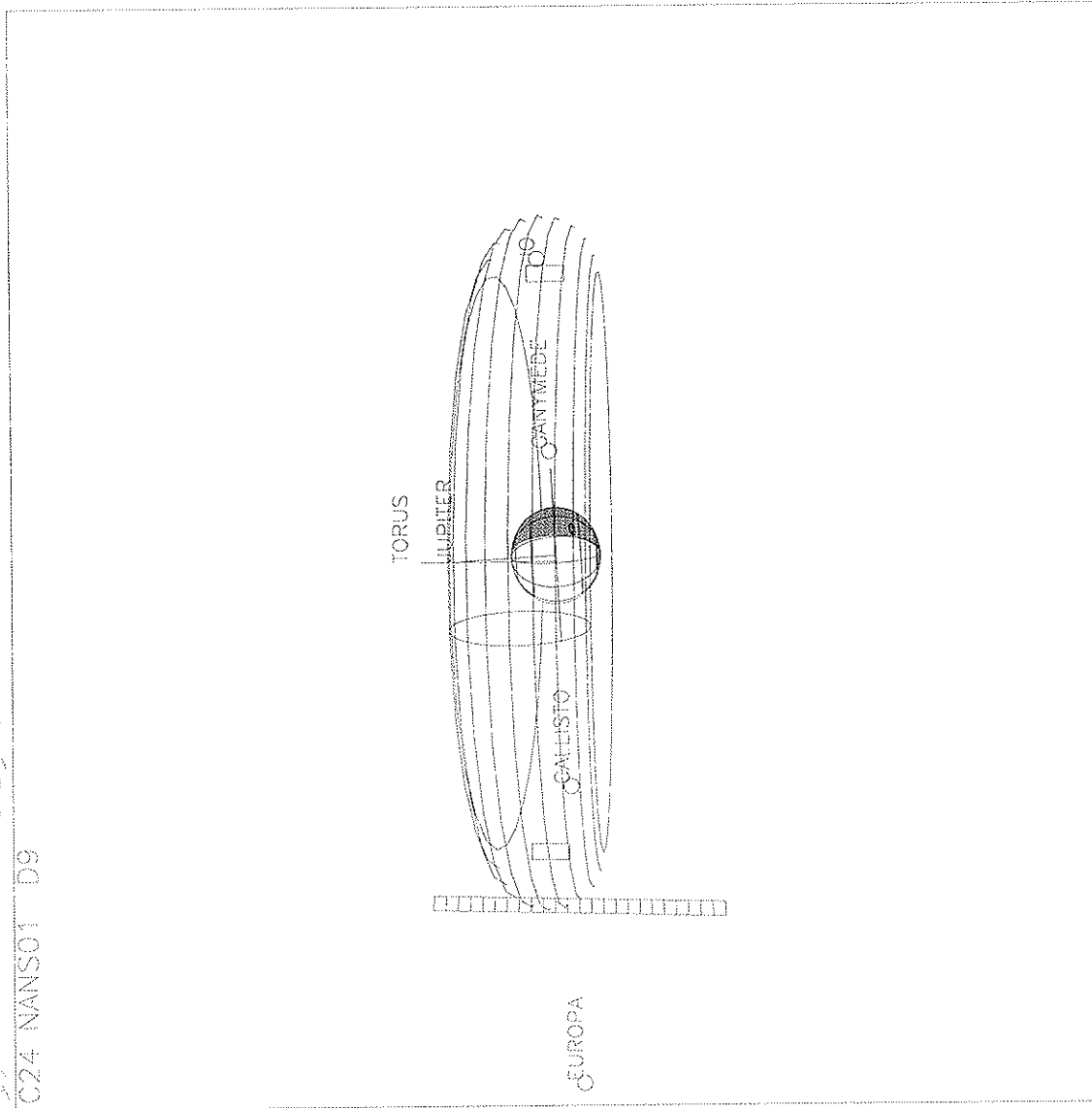


Activity ID: Orbit 24	OAPEL TV24NANS	SeqNo 01-	
Title	EUV NOON ANSA	Instrument UVS	
Requestor	UVS-SWG/W. SWEET X30523	Team UVS Working Group MWG	
Time System CDS	Load ID 24A	Calendar Date 10/12/99 Week 93	
Start	IEE+CDS 00001174:00:0	99-285/00:20:05.666 IEE+000/19:47:02.666	
End	IEE+CDS 00004072:00:0	99-287/01:10:17.666 IEE+002/20:37:14.666	
Duration	00002898:00:0	002/00:50:12.000 002/00:50:12.000	
Top Label	24TV24NANS01-		
Bottom Label	(real-time)		
Plot Key	UVS	Type SCI	
CDS Bytes	2288	Report Options BOTH Scan Platform Yes	
CDS Source	OAP	Spin State DUAL DMS No	
<b>Observation Objective</b>			
<p>24TV24NANS01: Io torus observation with the EUV and UVS continues the morphological study of the Io torus and provides the basis for a long term comparison between prime mission and GMM datasets over 4 years as well as asymmetries between dawn (prime mission) and dusk (GMM) torus ansae.</p> <p>MBTG = 17712 bits/flush * 48 flushes = 0.850</p> <p>Rj = 16.5</p> <p>BTG=0.850176 MBTG 34 flushes (14 flushes deleted after UVS off to maintain MBTG allocation)</p> <p>Note: Waiver G-21 to 17 Rj; change to 3-star attitude at 99-285/00:21</p>			
<b>Design Detail</b>			
PSID	CDS	RIM	COMMAND PARAMETERS
384BA	00	00:00	COMMNT UVS RIM 0
384EB	900	01:00	LIBSEQ [LOAD PHASE 2 EUVON LIBRARY SEQUENCE]
384EC	179	07:00	LIBSEQ [LOAD PHASE 2 EUVTOR LIBRARY SEQUENCE]
351EB	21	09:00	EUVCHD [TARGET BODY TORUS]
		09:00	24EUV,C,3,D9,C,2,18 [STARTING STEP 217, 2 SCANS/SECTOR, 24 SECTORS]
349BA	28	14:69	UVFLSH DISCRD,BOTH
349EB	952	73:69	UVFLSH PACKET,BOTH (34 PACKETS every 60 RIMS)
...AB		2893:69	(349BD, 349BF, 349AC-349AB,349AE,AH,AK,AN,AQ,AT,AW PACKET,EUV)
			(349BE PACKET EUV torus and UVS Io eclipse)
349AX	28	311:69	UVFLSH DISCRD,UVS
384BE	180	2894:00	LIBSEQ [LOAD PHASE 2 EUVOFF LIBRARY SEQUENCE]

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*Top*  
*be 5 am*

CZ4 NANS01 D9



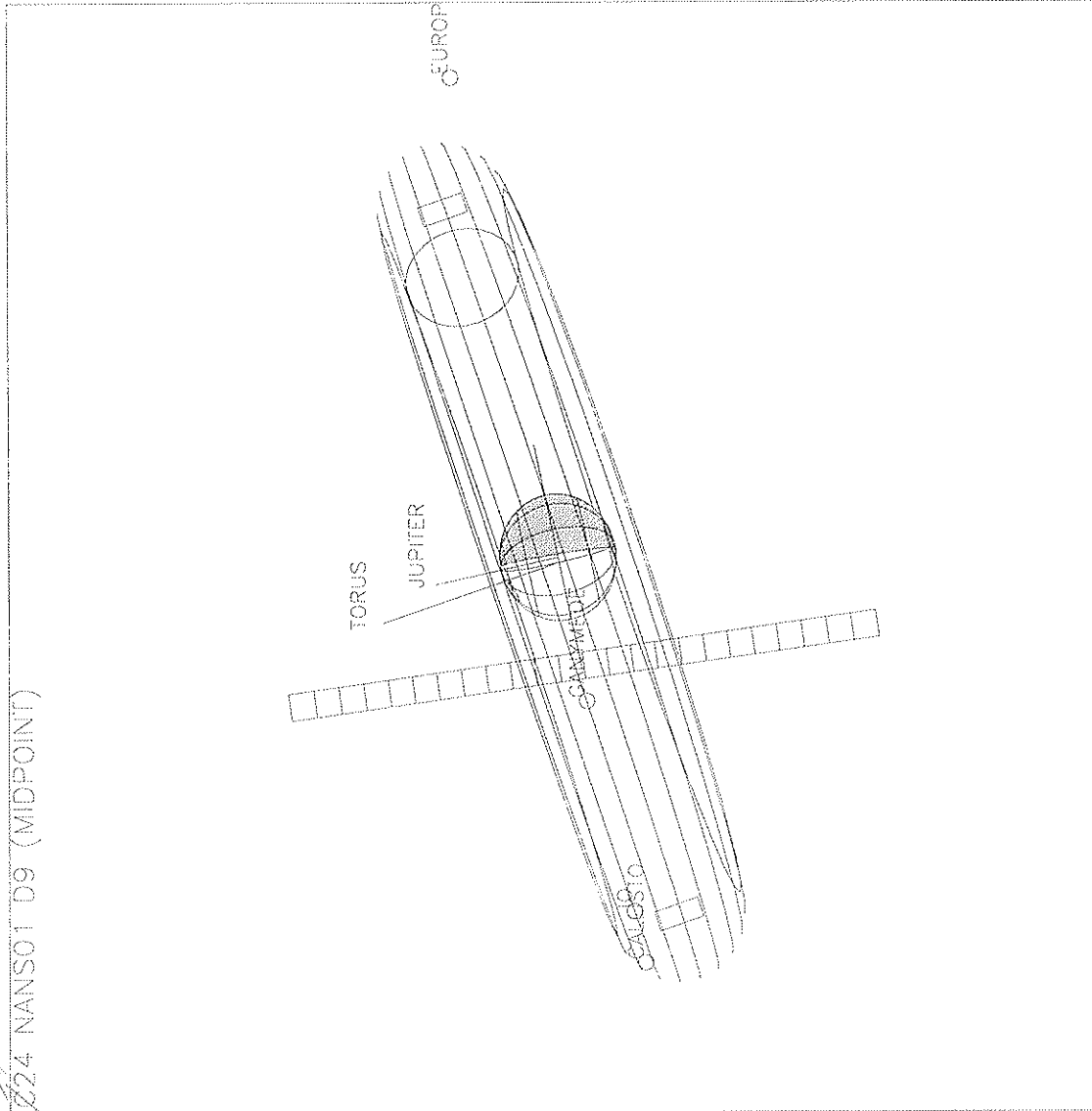
Start UTC Time : 1999-285 // 00:20:05.000  
No. End Time :  
Start SOLK : 1/05209105:13:5:4

Target Body : JUPITER  
Target Ra/Dec : 95.61 / 25.28 Deg  
S/C to Body Center : 1174279. Km ( 15.425315 Rj )  
Z-axis Pointing ( Ra / Dec ) : 208.00 / -8.75 Deg

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*Fig 4*

224 NANSOT D9 (MIDPOINT)



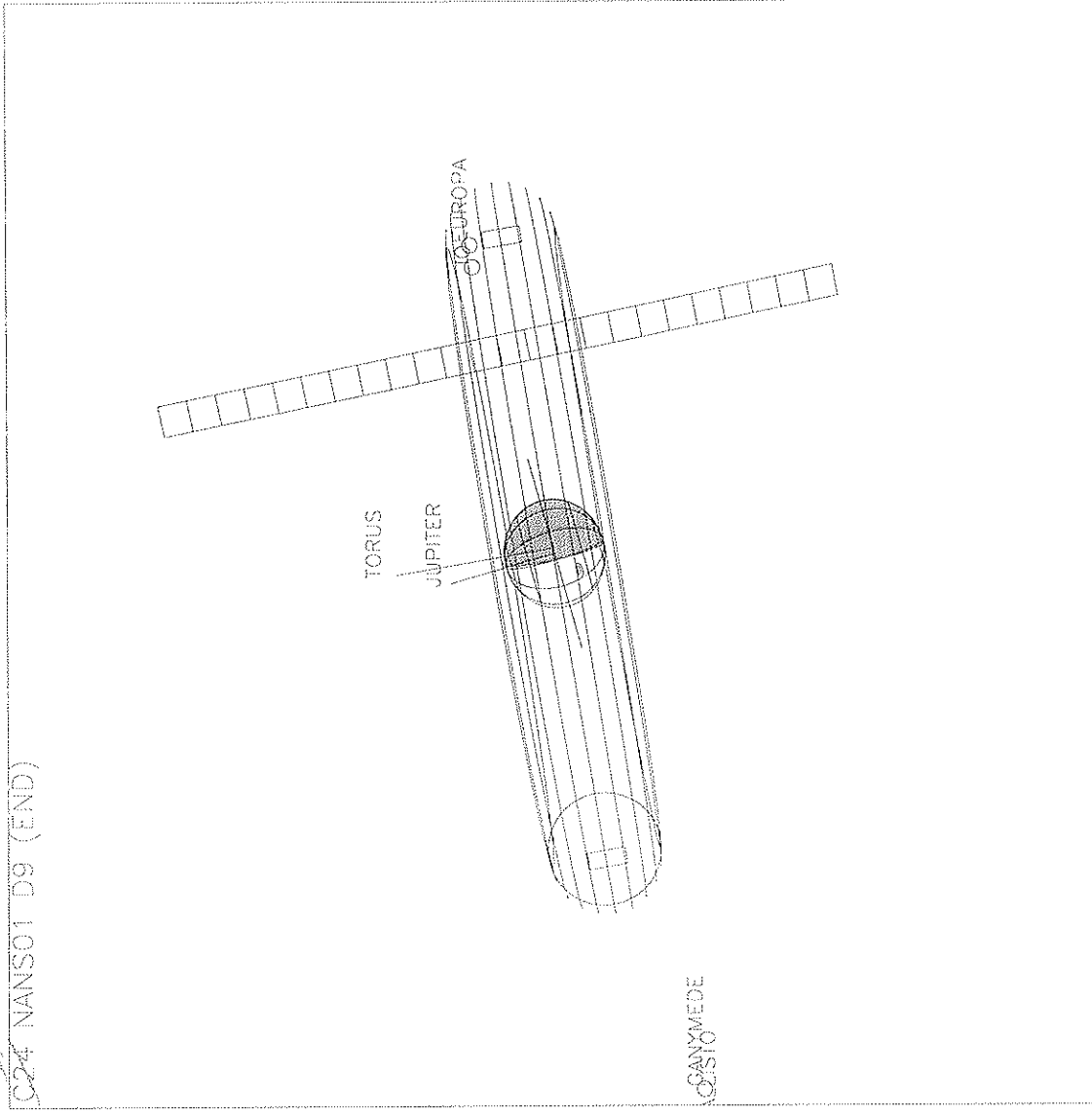
Start UTC\_TIME : 1999-286 // 00:10:00.000  
No End Time :  
Start SOLK : 1/052:0519:32:1:2

Target Body : JUPITER  
Target Ro/Dec : 117.69 / 22.48 Deg  
S/C to Body Center : 1976449. Km ( .27.64574: RJ )  
Z-axis Pointing ( Ro / Dec ) : 208.00 / -8.75 Deg

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*124*

C24 NANSOT D9 (END)



Start UTC\_TIME : 1999-287 // 01:10:17.666  
No End Time :  
Start SOLK : 1/05212003:14:7:1

Target Body : JUPITER  
Target Ra/Dec : 127.64/ 20.15 Deg  
S/C to Body Center : 2656460. Km ( 37.157439 R )  
Z-axis Pointing ( Ra / Dec ) : 208.00 / -8.75 Deg