Activity ID: Orbit E4 **OAPEL** TUE4NANS **SeqNo** 04-

Title UVS/EUV NOON ANSA MAP 4, LO RT E4 INBD **Instrument** UVS

Requestor UVS-MWG/S.STEPHENS **Team** UVS **Working Group** MWG

Time System CDS **Load ID** E4A **Calendar Date** 12/15/96 **Week** 50

Start	JEE-CDS 00005890:00:0	96-350/00:08:02.000	JEE-004/03:15:26.666
End	JEE-CDS 00005286:00:0	96-350/10:18:44.666	JEE-003/17:04:44.000
Duration	00000604:00:0	000/10:10:42.666	000/10:10:42.666

Top Label E4TUE4NANS04-

Bottom Label (UVS/EUV RTS Torus)

Plot Key	UVS	**Type**	SCI		
CDS Bytes	499	**Report Options**	BOTH	**Scan Platform**	Yes
CDS Source	PA	**Spin State**	DUAL	**DMS**	No

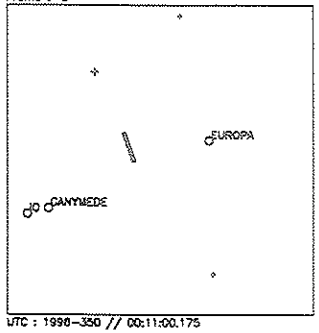
Observation Objective

UVS/EUV IO TORUS NOON ANSA MAP 4 (CONTINUED FROM C3C), LOW RATE, E4 INBOUND:
From: 7.60 Rj at cone 90 (ribbon at 5.76 Rj, Sys III W Long 40)
To: 9.07 Rj (Europa) at cone 90
Data rate: Instrument states last 60 RIMS; thus, 4.87 bps UVS, 4.87 bps EUV
OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):
UVS/EUV deselected; thus, 60-RIM UVFLUSHes needed to PACKET BOTH, after initial UVFLUSHes
WAVELENGTHS (Angstroms):
Emission lines: UVS (S+ 1259, O+ 3728, S+ 4070), EUV (S++ 685, S+ 765, O+ 834)
2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],
G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]
2POSN-1STEP N/N MINISCAN (UVS): N 3728.2 (STEP 313) [EVEN

Design Detail

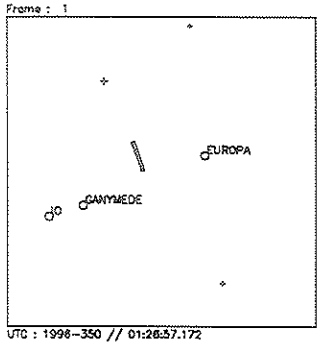
PSID	RIM:mf	CDS	PA
384BA	0	0	COMMENT [UVS RIM 0]
61BA	2	37	LOOPER [LOOP PERIOD 120, NUM LOOPS 5]
432BA	3	56	OPTRTM [UVS EXCLUDE, EUV EXCLUDE]
157BA	3	38	CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]
349BA	3:69	28	UVFLUSH [6UVRT, DISCRD, BOTH]
165BA	4	36	TARGET [CONE 90.00, CLOCK 90.00]
	4		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349BB	62:69	140	UVFLUSH (28*5) [6UVRT, PACKET, BOTH]
	64		34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,65,06,00,7B [1STEP N/N]
349BC	122:69	140	UVFLUSH (28*5) [6UVRT, PACKET, BOTH]
...BK			... [REPEAT 4 ADDITIONAL TIMES]
157BB	603	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
	604		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]

Frame : 0



UTC : 1996-350 // 00:11:00.175
SCLK: 1/03740770:00:0:0

Frame : 1



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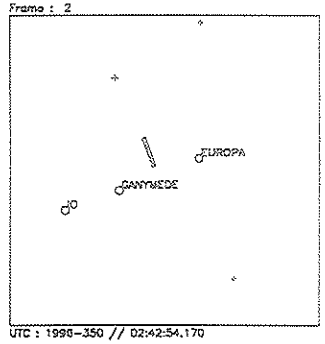

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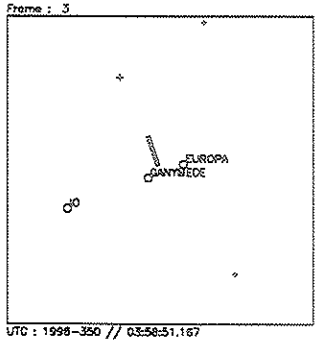
Frame : 3



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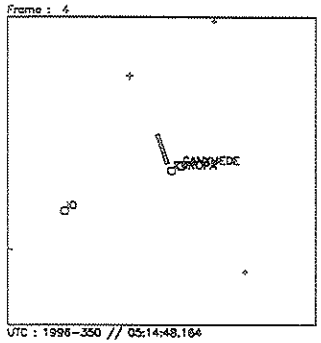

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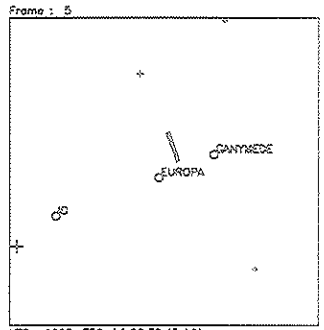

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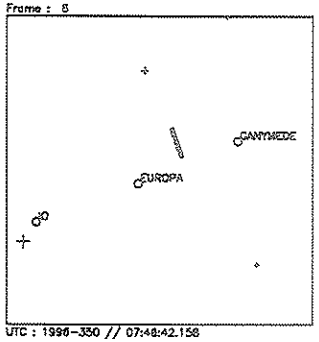
Frame : 6



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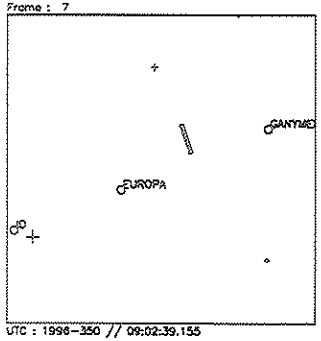

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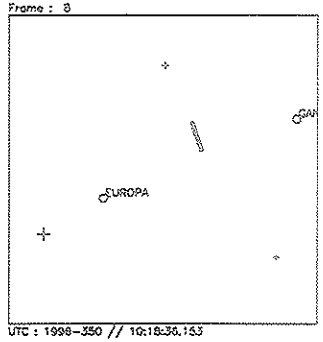
Frame : 8



UTC : 1996-350 // 10:18:36.153
SCLK: 1/03741370:84:0:0

Start UTC_TIME : 1996-350 // 00:11:00.175
No End Time :
Start SCLK : 1/03740770:00:0:0

Target Body : JUPITER
Target Cone/Clock : 100.22/ 89.21 Deg
S/C to Body Center : 3067376. Km (42.905159 Rj)
Z-axis Pointing (Ra / Dec) : 109.00 / 23.40 Deg