Galileo Activity Plan Form

ACTIVITY ID: SLJUBKGFFU01-
START TIME: BGJ+CDS 00000009:81:0

Activity ID	Orbit SL	Target J	Inst U	OAPEL BKGFFU	SeqNo 01	Multi -	
Title	PRE-IMPACT UVS BACKGROUND F-F SCAN						
Requestor	W. KENT TOBISKA				Working Group		
Bottom Label	INDEPENDENT BACKGROUND			Plotkey UVS	Team	UVS	

Time System	UTC	Load ID EJ7	Calendar Date 07/14/94	Week 28	
Start	BGJ+CDS 00000009:81:0	94-195/07:20:00	BGJ+000/00:10:00		
End	BGJ+CDS 00000019:71:0	94-195/07:30:00	BGJ+000/00:20:00		
Duration	00000009:81:0	000/00:10:00	000/00:10:00		

Inertial Y Earth Ref Y SP .T. Spin Status D Coop Imaging N DSP .F. RSTRACK

RECORD: Format LRS Record Duration 00005:00:0 Tic Duration
Multiple Records Acq Start/Stop Cycles 1 Start Tics 0 Track

Instrument Compression:

DDS 0	SSI 0	PWS 0	EUV 0	EPD 0	NIMS %0	UVS 0	
MAG 0	AACS 0	PWSW 0	HIC 0	PPR 0	NIMS 0	PLS 0	

REALTIME:	RTS FORMAT	RTS RATE	PLAYBACK	DURATION
DDS	EUV	PLS	EPD	NIMS
MAG	HIC	PWS	UVS	OPNAV

TRACKS 0.0000 PLAYBACK S/S CYCLES 0 BITS-TO-GROUND 0

Observation Objective

Obtain a reference spectrum of Jupiter prior to fragment impacts in an independent observation. Record F-F scan (full spectrum?) for 5 RIMs and playback a part of these data.

Target to Jupiter with no offset in cone and take data in "stare" mode.

Use 1-Step F channel on 2915 Å

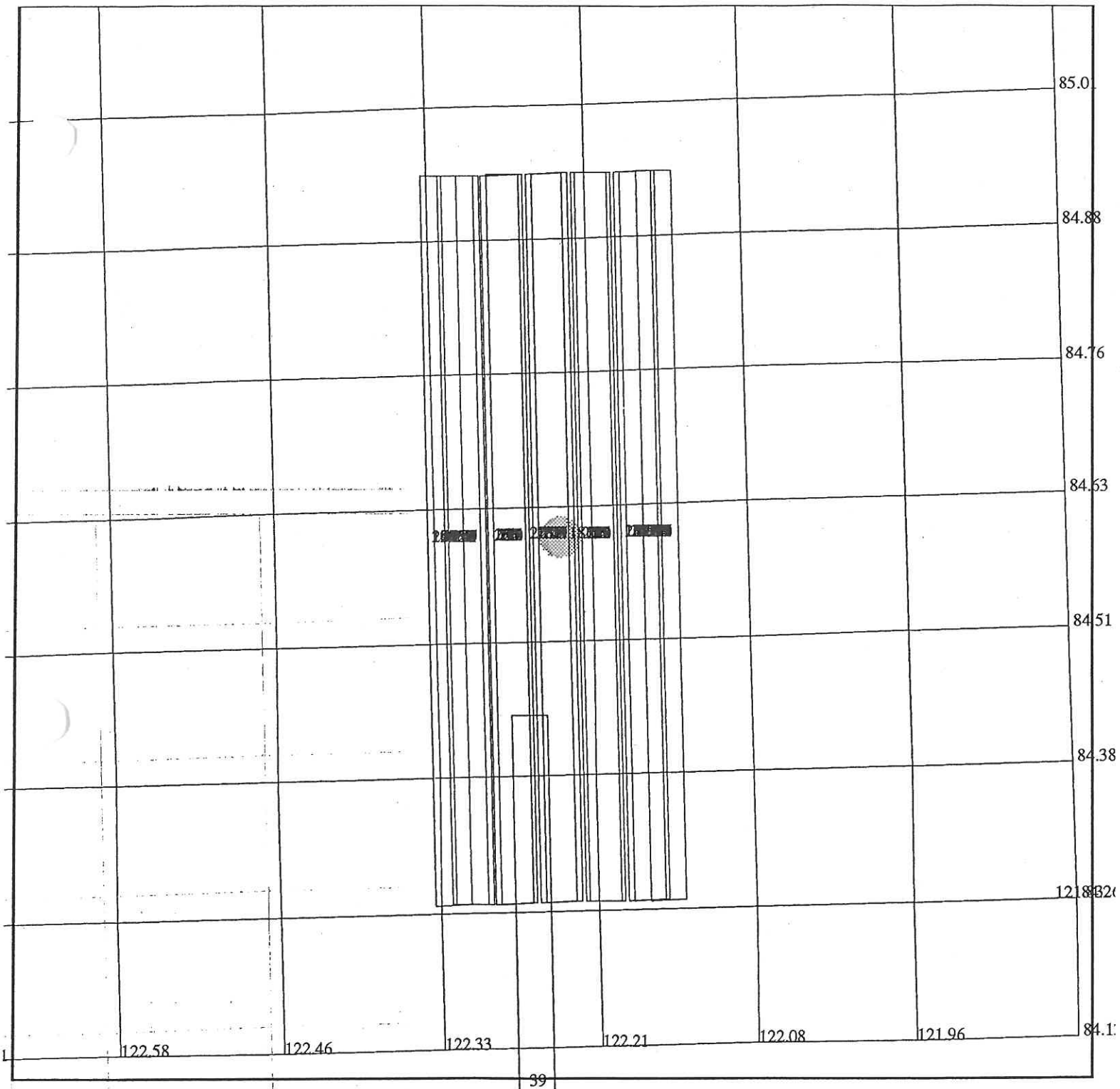
Design Detail

CDS COST 187 Pointer Design Y Exclude Alias

PAs	CSMOS	CMDRS	SCIREC	CMDRS	TARGET
SCITLM	24	24	18	24	72
	25				

CMDRS = (14+10) = 24
CSMOS = (14+10) = 24
SCIREC= (8+10) = 18
TARGET= 2*(26+10) = 72
SCITLM= (5+10+10) = 25
CMDRS 1:07,SCAN,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,ON,OFF,NOOVR,~~XX,XX,XX,XX,XX~~ 1,A6,01,00,00
CMDRS 2:07,SCAN,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,01,00,00

Created on 03/25/94	Version	14		04/06/94
Last Changed 04/06/94	Changed By	W. KENT TOBISKA		14:37:43



39

A= 728 pD= 182 SR=17.450 RA50=176.34 DEC50= 6.74 cone=122.15 clock= 84.60

1:#s= 6 Cs= 3.00 XCs= 0.00 Cr= -3.00 XCr= 0.00 sD= 16 rD= 16

POINTER E2.0 jhui : 4/27/1994 14:23:13

FILE:P.SLJNREFJUP01

CENTRAL BODY:JUPITER III

:m.SLJNREFJUP01

S/C EPH:/DATA/NAVIO/SHOELEVY.NSC

PERIAPSIS:94-202/12:00:00

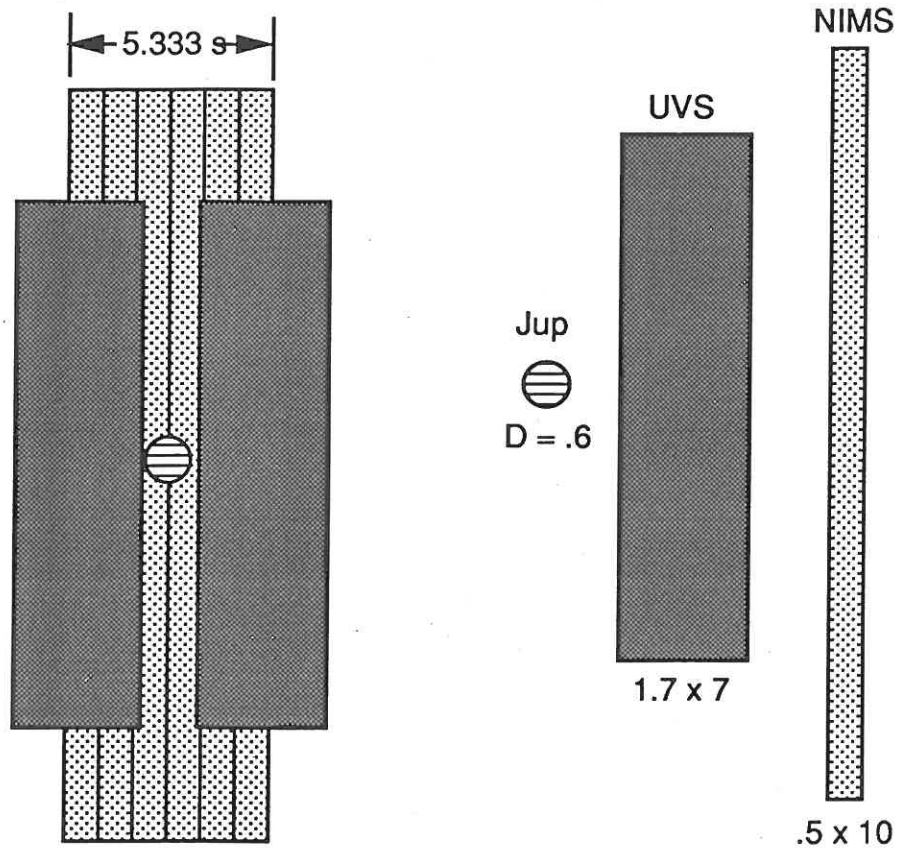
START:94-195/08:09:00

OBSERVATION:SLJNREFJUP01

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 182

DESCRIP:NIMS reference spectra of Jupite


5.333 s
NIMS
UVS
Jup
D = .6
1.7 x 7
.5 x 10

Galileo Activity Plan Form

ACTIVITY ID: SLJUFFMFRG01+
START TIME: SLG-CDS 00000051:00:0

Activity ID	Orbit	SL	Target	J	Inst	U	OAPEL FFMFRG	SeqNo 01	Multi +
Title	SL9 UVS F-F MINISCAN ON FRAGMENT G								
Requestor	W. KENT TOBISKA							Working Group	
Bottom Label	RIDEALONG W/NIMS ON "G"						Plotkey UVS	Team	UVS

Time System	EPOCH	Load ID	EJ7	Calendar Date	07/18/94	Week 29
Start	SLG-CDS 00000051:00:0	94-199/05:50:26	SLG-000/00:51:34			
End	SLG+CDS 00000050:00:0	94-199/07:32:33	SLG+000/00:50:33			
Duration	00000101:00:0	000/01:42:07	000/01:42:07			

Inertial Y Earth Ref Y SP .T. Spin Status D Coop Imaging N DSP .F. RSTRACK

RECORD: Format MP Record Duration 00060:00:0 Tic Duration
Multiple Records W Acq Start/Stop Cycles 1 Start Tics 0 Track

Instrument Compression:

DDS	0	SSI	0	PWS	0	EUV	0	EPD	0	NIMS	%0	UVS	0
MAG	0	AACS	0	PWSW	0	HIC	0	PPR	0	NIMS	0	PLS	0

REALTIME:	RTS FORMAT	RTS RATE	PLAYBACK	DURATION
DDS	EUV	PLS	EPD	NIMS
MAG	HIC	PWS	UVS	OPNAV

TRACKS 0.0000 PLAYBACK S/S CYCLES 0 BITS-TO-GROUND 0

Observation Objective

Observe the impact of fragment G in ridealong with NIMS. Use F-F miniscan (with 1 step or ~~33-66~~ steps; time resolution of 7.55 msec or 0.25-0.50 sec) over the long wavelength part of the F-channel spectrum to obtain bolide flash time history. Jupiter in FOV during a 5.33 sec box slew where impact site is in FOV for 3.02 sec. View fireball some minutes after the impact using a looping playback of the data. Jupiter auroral oval will also be in the FOV before, during, and after the impacts.

Target to Jupiter and offset in cone 1.5 mrad, scan back and forth in box mode at 5.33 sec per swath (no cross-cone slew) for 3 mrad/swath. The observation window is 3 hours and record duration is 1 hour; 10.67 seconds playback of impact and multiple 3.33-second playbacks of fireball.

Design Detail

CDS COST 48 Pointer Design Y Exclude Alias SLJNFRAGMG01+

PAs CMDRS 24 CMDRS 24

CMDRS = (14+10) = 24

1, A6, 01, 00, 00

CMDRS 1:~~07~~ 01,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,~~X,XX,XX,XX,XX~~
CMDRS 2:07,SCAN,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,01,00,00

2915A

Created on 03/25/94	Version	10		04/27/94
Last Changed 04/27/94	Changed By	W. KENT TOBISKA		13:03:15

Galileo Activity Plan Form

ACTIVITY ID: SLJUFFMFRR01+
START TIME: SLR-CDS 00000051:00:0

Activity ID	Orbit	SL	Target	J	Inst	U	OAPEL FFMFRR	SeqNo 01	Multi +
Title	SL9 UVS F-F MINISCAN ON FRAGMENT R								
Requestor	W. KENT TOBISKA							Working Group	
Bottom Label	RIDEALONG W/NIMS ON "R"						Plotkey UVS	Team	UVS

Time System	EPOCH	Load ID	EJ7	Calendar Date	07/21/94	Week 29
Start	SLR-CDS 00000051:00:0		94-202/05:21:26		SLR-000/00:51:34	
End	SLR+CDS 00000050:00:0		94-202/07:03:33		SLR+000/00:50:33	
Duration	00000101:00:0		000/01:42:07		000/01:42:07	

Inertial Y Earth Ref Y SP .T. Spin Status D Coop Imaging N DSP .F. RSTRACK

RECORD: Format MP Record Duration 00060:00:0 Tic Duration
Multiple Records W Acq Start/Stop Cycles 1 Start Tics 0 Track

Instrument Compression:

DDS	0	SSI	0	PWS	0	EUV	0	EPD	0	NIMS %0	UVS 0
MAG	0	AACS	0	PWSW	0	HIC	0	PPR	0	NIMS 0	PLS 0

REALTIME:	RTS FORMAT	RTS RATE	PLAYBACK	DURATION
DDS	EUV	PLS	EPD	NIMS
MAG	HIC	PWS	UVS	OPNAV

TRACKS 0.0000 PLAYBACK S/S CYCLES 0 BITS-TO-GROUND 0

Observation Objective

Observe the impact of fragment R in ridealong with NIMS. Use F-F miniscan (with 1 step or ~~33-66~~ steps; time resolution of 7.55 msec or 0.25-0.50 sec) over the long wavelength part of the F-channel spectrum to obtain bolide flash time history. Jupiter in FOV during a 5.33 sec box slew where impact site is in FOV for 3.02 sec. View fireball some minutes after the impact using a looping playback of the data. Jupiter auroral oval will also be in the FOV before, during, and after the impacts.

Target to Jupiter and offset in cone 1.5 mrad, scan back and forth in box mode at 5.33 sec per swath (no cross-cone slew) for 3 mrad/swath. The observation window is 3 hours and record duration is 1 hour; 10.67 seconds playback of impact and multiple 3.33-second playbacks of fireball.

Design Detail

CDS COST 48 Pointer Design Y Exclude Alias SLJNFRAGMR01+

PAs CMDRS 24 CMDRS 24

CMDRS = (14+10) = 24

CMDRS 1:~~07~~ 01,SCAN,NORM,NORM,NORM,SAME,0,ON,OFF,OFF,ON,OFF,NOOVR,~~X,XX,XX,XX,XX~~ 1,A6,01,00,00
CMDRS 2:07,SCAN,NORM,NORM,NORM,SAME,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,01,00,00

2915A

Created on 03/25/94	Version	13		04/27/94
Last Changed 04/27/94	Changed By	W. KENT TOBISKA		13:03:36