Chapter 5 - Detailed Observation Designs

Contents

Introduction to Chapter 5

Detailed Observation Designs

Each NIMS Detailed Observation Design consists of an OAPEL form and a Pointer plot. The OAPEL form is a brief description of the design of the observation. The Pointer plot is a plot of the target body with the NIMS footprint incorporated in the mosaic design superimposed on the target body. The size and orientation of the target body is plotted as it appears at the time of the first NIMS footprint plotted. For long observations, the target body may rotate or move relative to the spacecraft during the observation. Some observations, such as calibrations, do not have Pointer plots.

The Pointer plots and OAPEL forms in this chapter have been updated to report the actual data returned.

The Pointer plots have the spatial extent of the actual data returned outlined with a thick line. When no data were returned for a particular observation, its Pointer plot has a single slash across the plot with the text "NO DATA RETURNED" printed in the upper left corner of the plot.

The text of the OAPEL forms have been modified to reflect the actual NIMS instrument parameters for playback. An extra line containing one or some of the following statements has been added to the Observation Objective section of the OAPEL form to report the data retun status:

```
"Data Returned"      == Data from this observation returned
"No Data Returned"   == NO Data from this observation returned
"Processor Halted"   == The NIMS Processor had halted at this time.
```

More information regarding NIMS data return can be found in Chapter 7 of this guide.

NIMS Software Reload	ACTIVITY ID: 28NNFEATRE01- START TIME: 00-141/10:15:30.933

Activity ID: Orbit 28 Target N Inst N OAPEL FEATRE SeqNo 01 -

Title	NIMS Software Reload			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	SWG

Time System CDS Load ID Calendar Date 05/20/00 Week 20

Start	GEE+CDS 00000005:00:0	00-141/10:15:30.933	GEE+000/00:05:03.333
End	GEE+CDS 00000007:00:0	00-141/10:17:32.266	GEE+000/00:07:04.666
Duration	00000002:00:0	000/00:02:01.333	000/00:02:01.333

Top Label 28NNFEATRE01-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	0	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

NIMS reload
Each NIMS GEM observation will have an instrument reload before the start of each observation. Each reload has its own OAPEL form, but only this first is included in the NIMSGUIDE. The NIMS G28 reload OAPELS are:

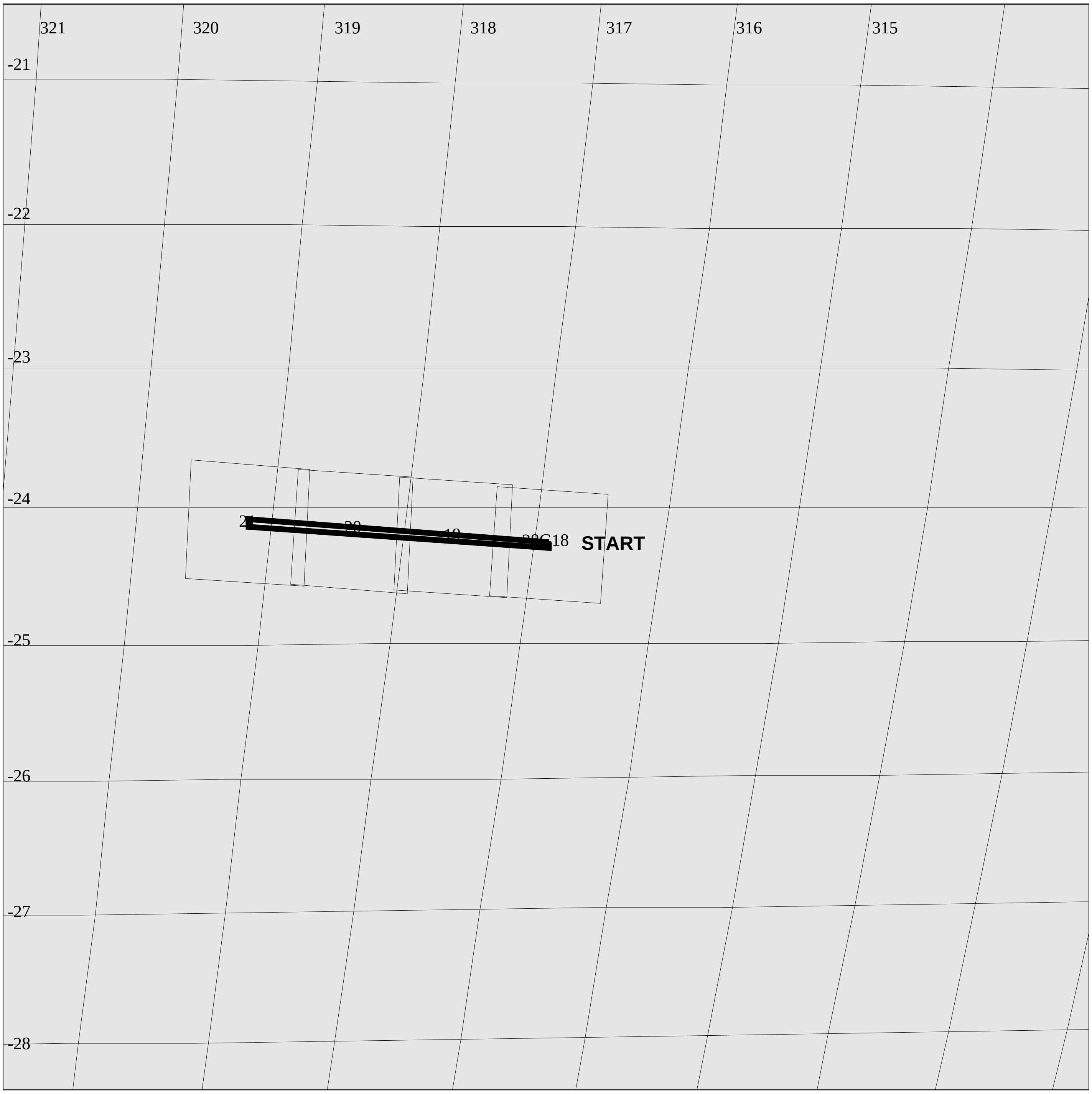
28NNFEATRE01, 28NNLMSCAN01, 28NNPERRIN01, 28NNGLOBAL01, 28ENECLPSE01, 28NNNEBRLT01, 28NNNEBRLT02, 28NNNEBRLT03, 28NNEQBLGE01, 28NNEQBLGE02, 28NNEQBLGE03, 28NNEQBLGE05, 28NNAURORA02, 28NNAURORA03, 28NNAURORA04, 28NNGLOBAL01, 28NNAURORA05, 28NNAURORA06, 28NNGLOBAL02, 28NNAURORA07, 28NNAURORA08, 28NNGLOBAL03, 28NNAURORA09, 28NNAURORA10, 28NNEQBLGE06, 28NNEQBLGE07, 28NNEQBLGE08, 28NNEQBLGE09, 28NNEQBLGE10

28NNNTZGLT01, 28NNNTZGLT02, 28NNNTZGLT03, 28NNEQBLGE04, 28NNAURORA01 did not have reloads.

Design Detail

Use a standard set of commands to halt the instrument, load the software and reinitialize the instrument.

37PL - Halt NIMS Processor
37MRL - Memory Reallocate
6MCOPY - Copy flight software from CDS to NIMS 1000
6MCOPY - Copy flight software from CDS to NIMS 1598
37IRT - Instrument Reset
37MN - Memory Normal
37IST - Chopper Reference.



165IE:TT= 0 TMC= 1 C= 10.73 XC= 0.00 BS= 0/6927 TC= 1(-24.2 318.0)
A= 262 pD= 84 SR=17.450 RA50= 87.88 DEC50= 25.17 cone=137.64 clock=278.65
118IE:#SB= 1 Cs= -7.15 XCs= 0.00 TPP= 26 SR= 3.600 RR=12.000 BM=F RC= 1 BS= 3/6927
1:#s= 4 #p= 1 Cr= 0.00 XCr= 0.00

28GNCALDRA01

DESIGN G3.2 herb : 4/ 3/2000 14:51:38

ALIAS: 28GSCALDRA01

FILE:P.28GSCALDRA01

TARGET BODY : GANYMEDE

MINI:m.28GSCALDRA01

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:

START:GEE 00-141/10:10:27.600 +CDS 08:00:0

BODY PLOT TIME:TARGET-TIME D= 84 S= 10.000

OBSERVATION:28GSCALDRA01

DESCRIP:CALDERA-LIKE FEATURES

Caldera-like Features

ACTIVITY ID: 28GNCALDRA01-
START TIME: 00-141/10:16:58.266

Activity ID: Orbit 28 Target G Inst N OAPEL CALDRA SeqNo 01 -

Title	Caldera-like Features			Instrument	NIMS
Requestor	SSI	Team	NIMS	Working Group	SWG

Time System	CDS	Load ID		Calendar Date	05/20/00	Week	20

Start	GEE+CDS	00000006:40:0	00-141/10:16:58.266	GEE+000/00:06:30.666
End	GEE+CDS	00000009:00:0	00-141/10:19:33.600	GEE+000/00:09:06.000
Duration		00000002:51:0	000/00:02:35.334	000/00:02:35.334

Top Label 28GNCALDRA01-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Image caldera-like features on sub-jovian hemisphere, to access volcanis models for these features and constrain the rheology of potential cryomagma.

ride-along behind SSI.

Data Returned

Design Detail

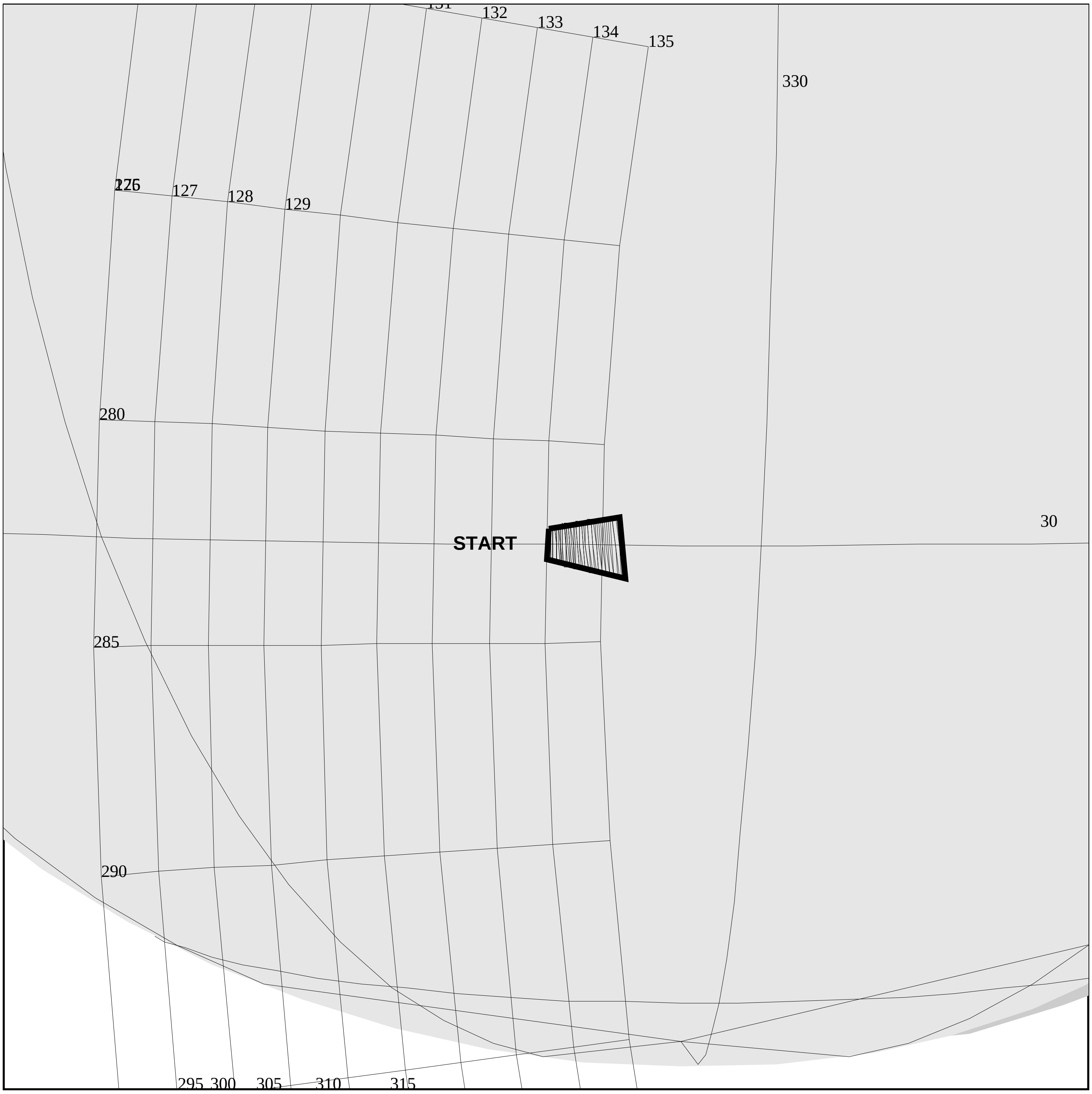
Alias: 28GSCALDRA01

1x4 mosaic at latitude -24, West longitude 317 to 319

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Safe Mode (FS), Gain 2, Grating Start 0, IM4, GXM17, GXM15

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DA:TT= 0 TMC= 1 C= -7.20 XC= 0.00 BS= 0/7291 TC= 1(-30 338)
A= 162 pD= 1446 SR=17.450 RA50= 91.88 DEC50= 22.56 cone=134.06 clock=282.56
117DA:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/7291
1:#s= 1 Cs= 14.30 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1446 rD= 2

28GNFEATRE01

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28GNFEATRE01

TARGET BODY : GANYMEDE

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS: **THINNING:NIM 2**

START:GEE 00-141/10:10:27.600 +CDS 10:00:0 **BODY PLOT TIME:TARGET-TIME D= 1446 S= 2.000**

OBSERVATION:28GNFEATRE01 **DESCRIP:GANYMEDE_HIRES_FEATURE**

Ganymede Hi-Res Feature	ACTIVITY ID: 28GNFEATRE01- START TIME: 00-141/10:19:33.600

Activity ID: Orbit 28 Target G Inst N OAPEL FEATRE SeqNo 01 -

Title	Ganymede Hi-Res Feature			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	SWG

Time System CDS Load ID Calendar Date 05/20/00 Week 20

Start	GEE+CDS	00000009:00:0	00-141/10:19:33.600	GEE+000/00:09:06.000
End	GEE+CDS	00000018:00:0	00-141/10:28:39.600	GEE+000/00:18:12.000
Duration		00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label 28GNFEATRE01-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

High resolution observation of a dark crater, ice and background dark regio in a search for compositional differences.

Data Returned

Design Detail

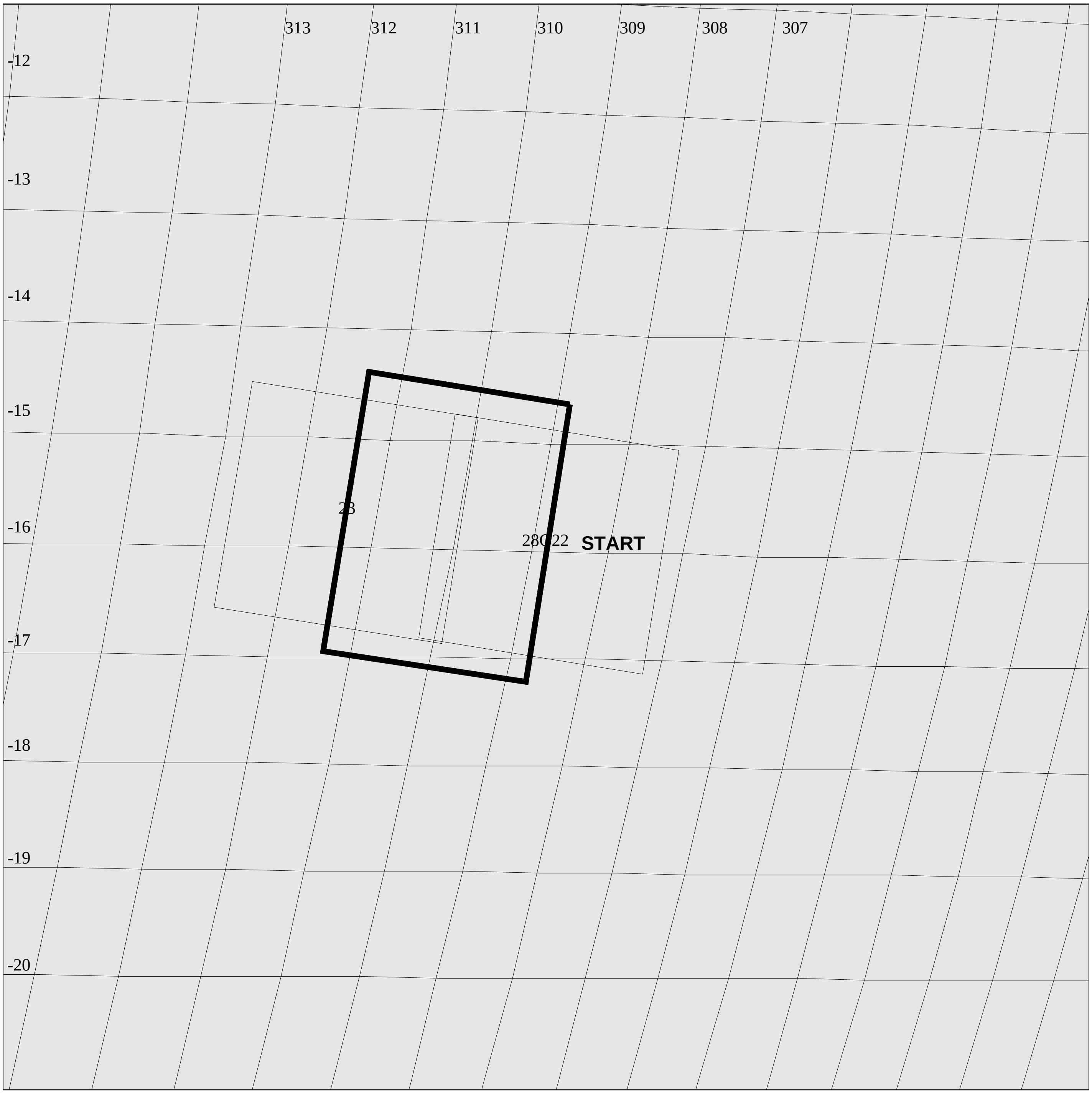
BTG=2.76 MB, TICS=424, FMT=MPW

Latitude: 30 South, Longitude 338 West

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, GLM442, GLM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165IF:TT= 0 TMC= 1 C= 3.65 XC= 0.00 BS= 0/8929 TC= 1(-15.8 310.1)
A= 160 pD= 32 SR=17.450 RA50= 68.45 DEC50= 25.39 cone=154.86 clock=272.32
118IF:#SB= 1 Cs= -7.31 XCs= 0.00 TPP= 26 SR= 3.700 RR=12.000 BM=F RC= 1 BS= 3/8929
1:#s= 2 #p= 1 Cr= 0.00 XCr= 0.00

28GNSMOOTH02

DESIGN G3.2 herb : 4/ 4/2000 14:24:36

ALIAS: 28GSSMOOTH02

FILE:P.28GSSMOOTH02

TARGET BODY : GANYMEDE

MINI:m.28GSSMOOTH02

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:

START:GEE 00-141/10:10:27.600 +CDS 19:00:0

BODY PLOT TIME:TARGET-TIME D= 32 S= 10.000

OBSERVATION:28GSSMOOTH02

DESCRIP:SMOOTH BRIGHT TERRAIN CONTEXT

Smooth Bright Terrain Context ACTIVITY ID: 28GNSMOOTH02-
START TIME: 00-141/10:28:39.600

Activity ID: Orbit 28 Target G Inst N OAPEL SMOOTH SeqNo 02 -

Title	Smooth Bright Terrain Context			Instrument	NIMS
Requestor	SSI	Team	NIMS	Working Group	SWG

Time System CDS Load ID Calendar Date 05/20/00 Week 20

Start	GEE+CDS	00000018:00:0	00-141/10:28:39.600	GEE+000/00:18:12.000
End	GEE+CDS	00000019:10:0	00-141/10:29:46.933	GEE+000/00:19:19.333
Duration		00000001:10:0	000/00:01:07.333	000/00:01:07.333

Top Label 28GNSMOOTH02-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Stereo context for 28GSSMOOTH01.
Image boundary of smooth bright terrain and possibly embayed grooved terrain, to access volcanic vs tectonic hypotheses for the formation of bright terrain and impactor populations on smooth bright terrain.

ride-along behind SSI.

Data Returned

Design Detail

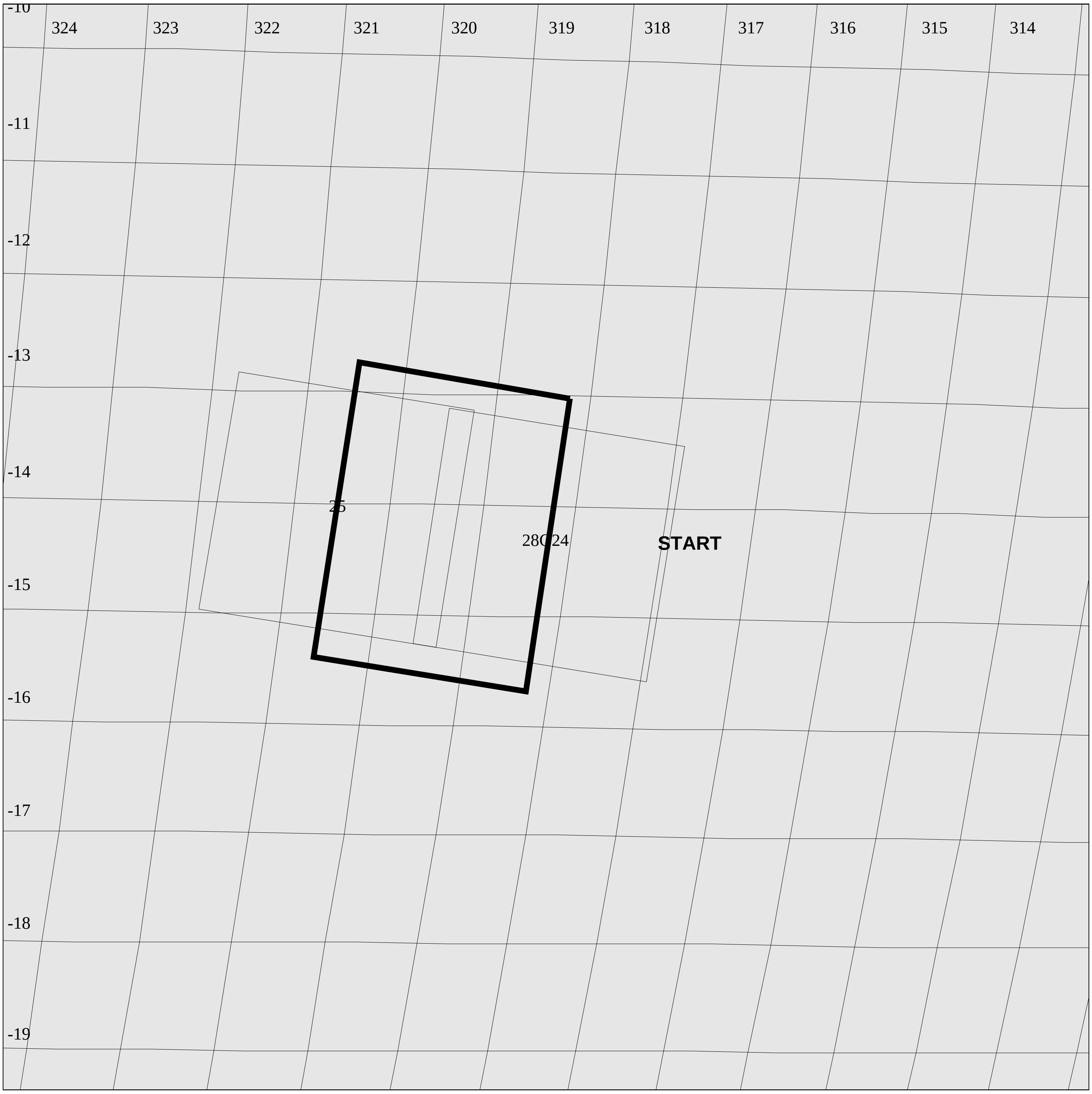
Alias: 28GSSMOOTH02

1x2 mosaic at latitude -16, West longitude 309 to 311.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, IM4, GLM442, GLM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165IG:TT= 0 TMC= 1 C= 3.65 XC= 0.00 BS= 0/9111 TC= 1(-14.2 319.4)
A= 140 pD= 32 SR=17.450 RA50= 69.65 DEC50= 25.81 cone=153.71 clock=272.15
118IG:#SB= 1 Cs= -7.31 XCs= 0.00 TPP= 26 SR= 3.700 RR=12.000 BM=F RC= 1 BS= 3/9111
1:#s= 2 #p= 1 Cr= 0.00 XCr= 0.00

28GNBRTDRK02

DESIGN G3.2 herb : 4/ 3/2000 14:54:41

ALIAS: 28GSBRTDRK02

FILE:P.28GSBRTDRK02

TARGET BODY : GANYMEDE

MINI:m.28GSBRTDRK02

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:

START:GEE 00-141/10:10:27.600 +CDS 20:00:0

BODY PLOT TIME:TARGET-TIME D= 32 S= 10.000

OBSERVATION:28GSBRTDRK02

DESCRIP:BRIGHT-DARK TERRAIN CONTEXT

Bright-Dark Terrain Boundary Context — ACTIVITY ID: 28GNBRTDRK02-
START TIME: 00-141/10:29:46.933

Activity ID: Orbit 28 Target G Inst N OAPEL BRTDRK SeqNo 02 -

Title	Bright-Dark Terrain Boundary Context			Instrument	NIMS
Requestor	SSI	Team	NIMS	Working Group	SWG

Time System	CDS	Load ID		Calendar Date	05/20/00	Week	20

Start	GEE+CDS	00000019:10:0	00-141/10:29:46.933	GEE+000/00:19:19.333
End	GEE+CDS	00000020:10:0	00-141/10:30:47.600	GEE+000/00:20:20.000
Duration		00000001:00:0	000/00:01:00.667	000/00:01:00.667

Top Label 28GNBRTDRK02-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Stereo context for 28GSBRTDRK01.
Image boundary of bright and dark terrain, to assess the nature of the breakup of dark terrain and volcanic vs tectonic hypotheses for the formation of bright terrain.

ride-along behind SSI.

Data Returned

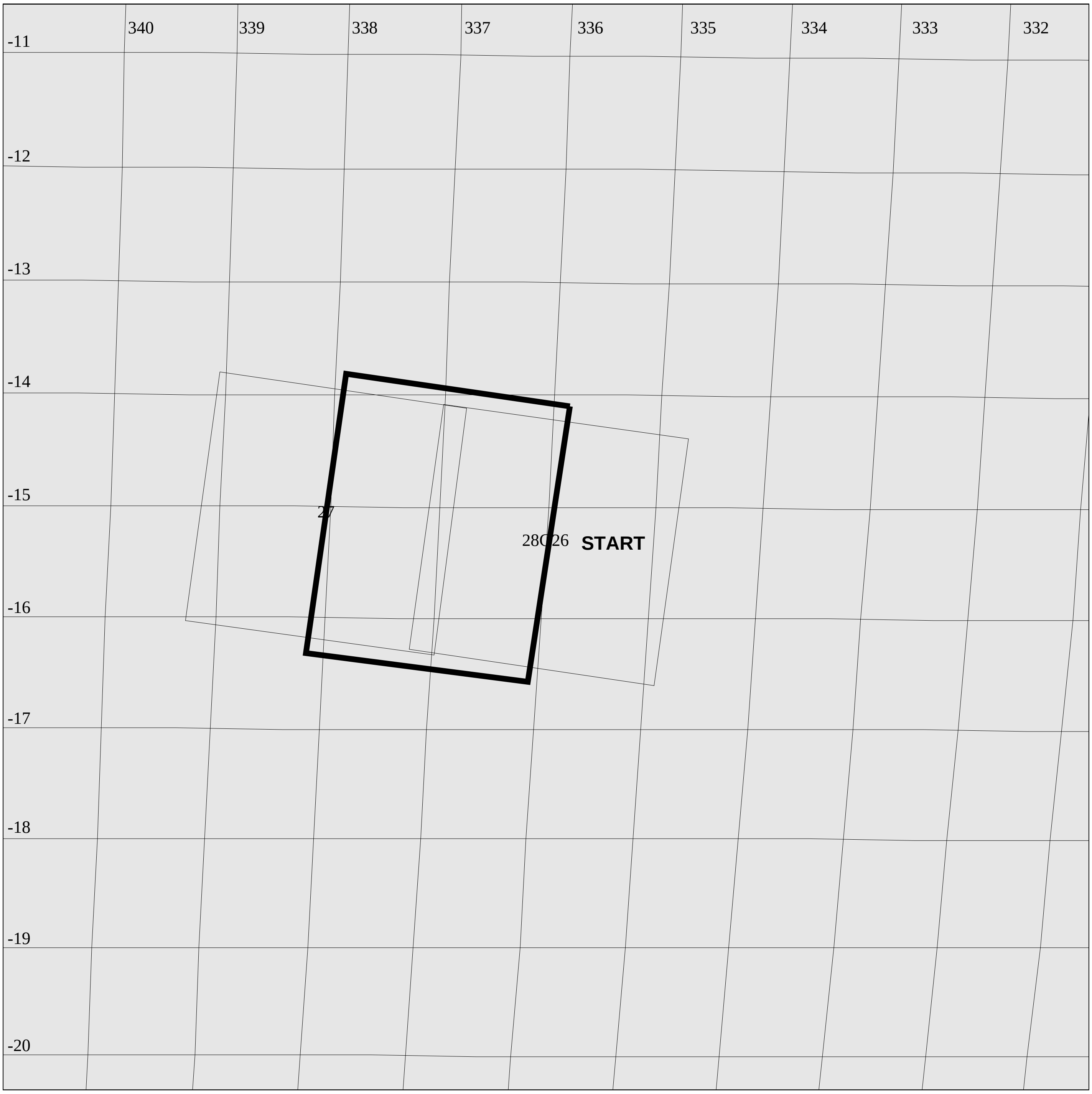
Design Detail

Alias: 28GSBRTDRK02

1x2 mosaic at latitude -14, West longitude 318 to 320.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, IM4, GLM442, GLM360



165IH:TT= 0 TMC= 1 C= 3.65 XC= 0.00 BS= 0/9293 TC= 1(-15.2 337.0)
A= 140 pD= 32 SR=17.450 RA50= 72.92 DEC50= 25.90 cone=150.85 clock=273.72
118IH:#SB= 1 Cs= -7.31 XCs= 0.00 TPP= 26 SR= 3.700 RR=12.000 BM=F RC= 1 BS= 3/9293
1:#s= 2 #p= 1 Cr= 0.00 XCr= 0.00

28GNNICHOL02

DESIGN G3.2 herb : 4/ 3/2000 14:56:17

ALIAS: 28GSNICHOL02

FILE:P.28GSNICHOL02

TARGET BODY : GANYMEDE

MINI:m.28GSNICHOL02

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:

START:GEE 00-141/10:10:27.600 +CDS 21:00:0

BODY PLOT TIME:TARGET-TIME D= 32 S= 10.000

OBSERVATION:28GSNICHOL02

DESCRIP:PRISTINE DARK TERRAIN CONTEXT

Pristine Dark Terrain Context   ACTIVITY ID: 28GNNICHOL02-
START TIME: 00-141/10:30:47.600

Activity ID: Orbit 28 Target G Inst N OAPEL NICHOL SeqNo 02 -

Title	Pristine Dark Terrain Context			Instrument	NIMS
Requestor	SSI	Team	NIMS	Working Group	SWG

Time System CDS   Load ID   Calendar Date 05/20/00 Week 20

Start	GEE+CDS	00000020:10:0	00-141/10:30:47.600	GEE+000/00:20:20.000
End	GEE+CDS	00000021:10:0	00-141/10:31:48.266	GEE+000/00:21:20.666
Duration		00000001:00:0	000/00:01:00.666	000/00:01:00.666

Top Label 28GNNICHOL02-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Stereo context for 28GSNICHOL01.
Image pristine dark terrain, to assess nature of ancient surfaces and dark terrain impactor population at small sizes.

ride-along behind SSI.

Data Returned

Design Detail

Alias: 28GSNICHOL02

1x2 mosaic at latitude -15, West longitude 336 to 338.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, IM4, GLM442, GLM360

Galileo Activity Plan Form   05/31/00 00:00:00 rev 6/95

165II:TT= 0 TMC= 1 C= 5.85 XC= -7.31 BS= 0/9475 TC= 1(-15.2 347.0)
A= 140 pD= 136 SR=17.450 RA50= 74.21 DEC50= 26.33 cone=149.62 clock=273.45
118II:#SB= 1 Cs= -6.50 XCs= 0.00 TPP= 26 SR= 3.700 RR= 3.900 BM=F RC= 1 BS= 3/9475
1:#s= 2 #p= 3 Cr= 3.91 XCr= 7.31

28GNARBELA02

DESIGN G3.2 herb : 4/ 3/2000 14:57:43

ALIAS: 28GSARBELA02

FILE:P.28GSARBELA02

TARGET BODY : GANYMEDE

MINI:m.28GSARBELA02

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:

START:GEE 00-141/10:10:27.600 +CDS 22:00:0

BODY PLOT TIME:TARGET-TIME D= 136 S= 10.000

OBSERVATION:28GSARBELA02

DESCRIP:SMOOTH "PLANK" FEATURE CONTEXT

Smooth Plank Feature Context	ACTIVITY ID: 28GNARBELA02- START TIME: 00-141/10:31:48.266

Activity ID: Orbit 28 Target G Inst N OAPEL ARBELA SeqNo 02 -

Title	Smooth Plank Feature Context			Instrument	NIMS
Requestor	SSI	Team	NIMS	Working Group	SWG

Time System CDS Load ID Calendar Date 05/20/00 Week 20

Start	GEE+CDS	00000021:10:0	00-141/10:31:48.266	GEE+000/00:21:20.666
End	GEE+CDS	00000022:60:0	00-141/10:33:22.266	GEE+000/00:22:54.666
Duration		00000001:50:0	000/00:01:34.000	000/00:01:34.000

Top Label 28GNARBELA02-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Investigation of terminus of smooth plank feature and its relationship with dark terrain and bright grooved terrain, also stereo context for 28GSARBELA01. Includes high resolution of dark grooved terrain and fractured craters in Nicholson Regio.

ride-along behind SSI.

Data Returned

Design Detail

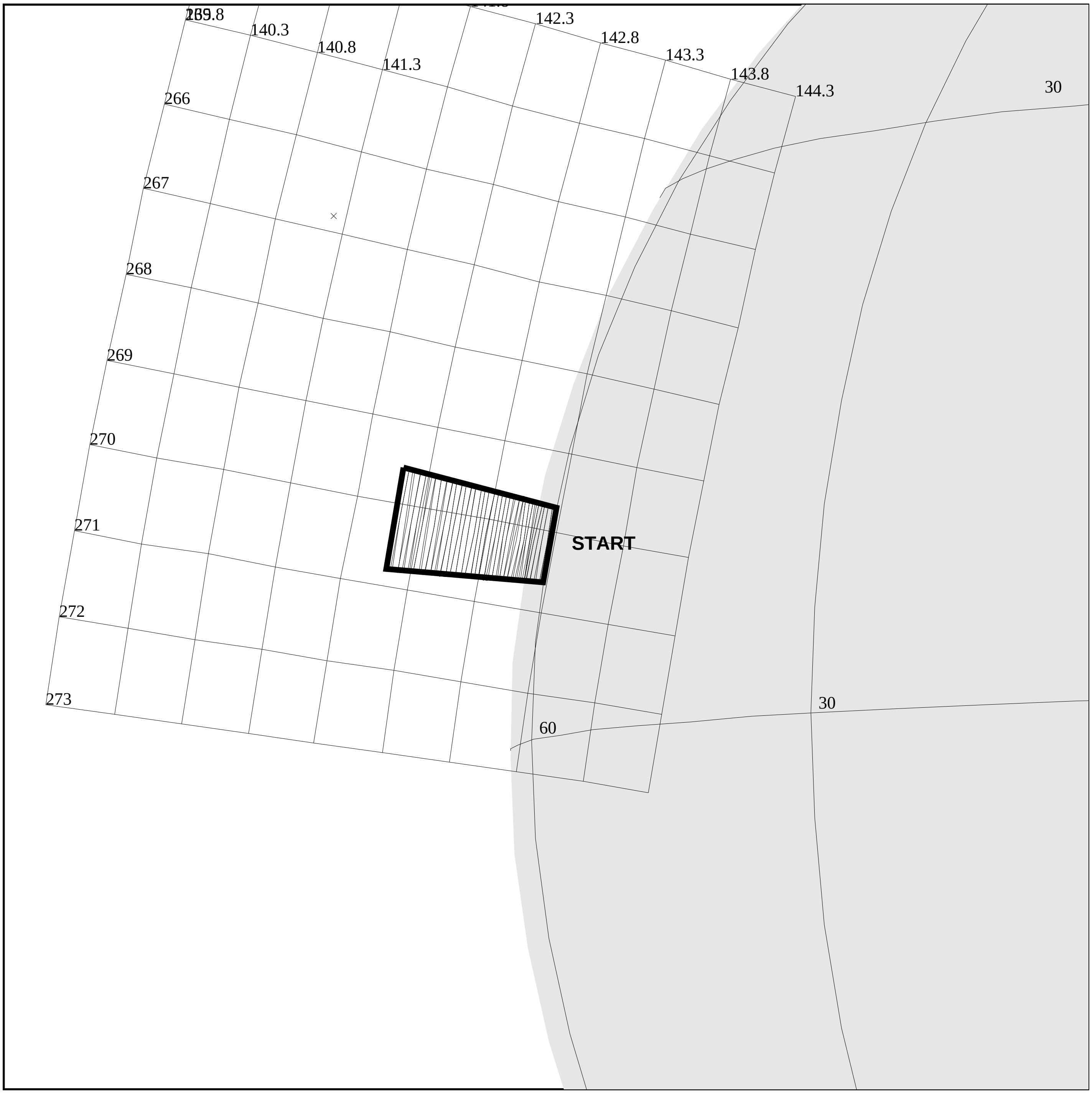
Alias: 28GSARBELA02

2x3 mosaic at latitude -13 TO -17, West longitude 345 to 349.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, IM4, GLM442, GLM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DB:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/0385 TC= 1(10 60)
A= 142 pD= 1810 SR=17.450 RA50= 80.68 DEC50= 29.64 cone=143.28 clock=270.15
117DB:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/0385
1:#s= 1 Cs= -17.80 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1810 rD= 2

28GNLMSCAN01

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28GNLMSCAN01

TARGET BODY : GANYMEDE

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:GEE 00-141/10:10:27.600 +CDS 27:00:0

OBSERVATION:28GNLMSCAN01

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 1810 S= 2.000

DESCRIP:GANYMEDE_LIMB_SCAN

Ganymede Limb Scan		ACTIVITY ID:	28GNLMSCAN01-
		START TIME:	00-141/10:36:44.933

Activity ID: Orbit 28 Target G Inst N OAPEL LMSCAN SeqNo 01 -

Title	Ganymede LIMB SCAN			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	SWG

Time System	CDS	Load ID		Calendar Date	05/20/00	Week	20

Start	GEE+CDS 00000026:00:0	00-141/10:36:44.933	GEE+000/00:26:17.333
End	GEE+CDS 00000037:00:0	00-141/10:47:52.266	GEE+000/00:37:24.666
Duration	00000011:00:0	000/00:11:07.333	000/00:11:07.333

Top Label	28GNLMSCAN01-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Search for Ganymede atmosphere.

Data Returned

Design Detail

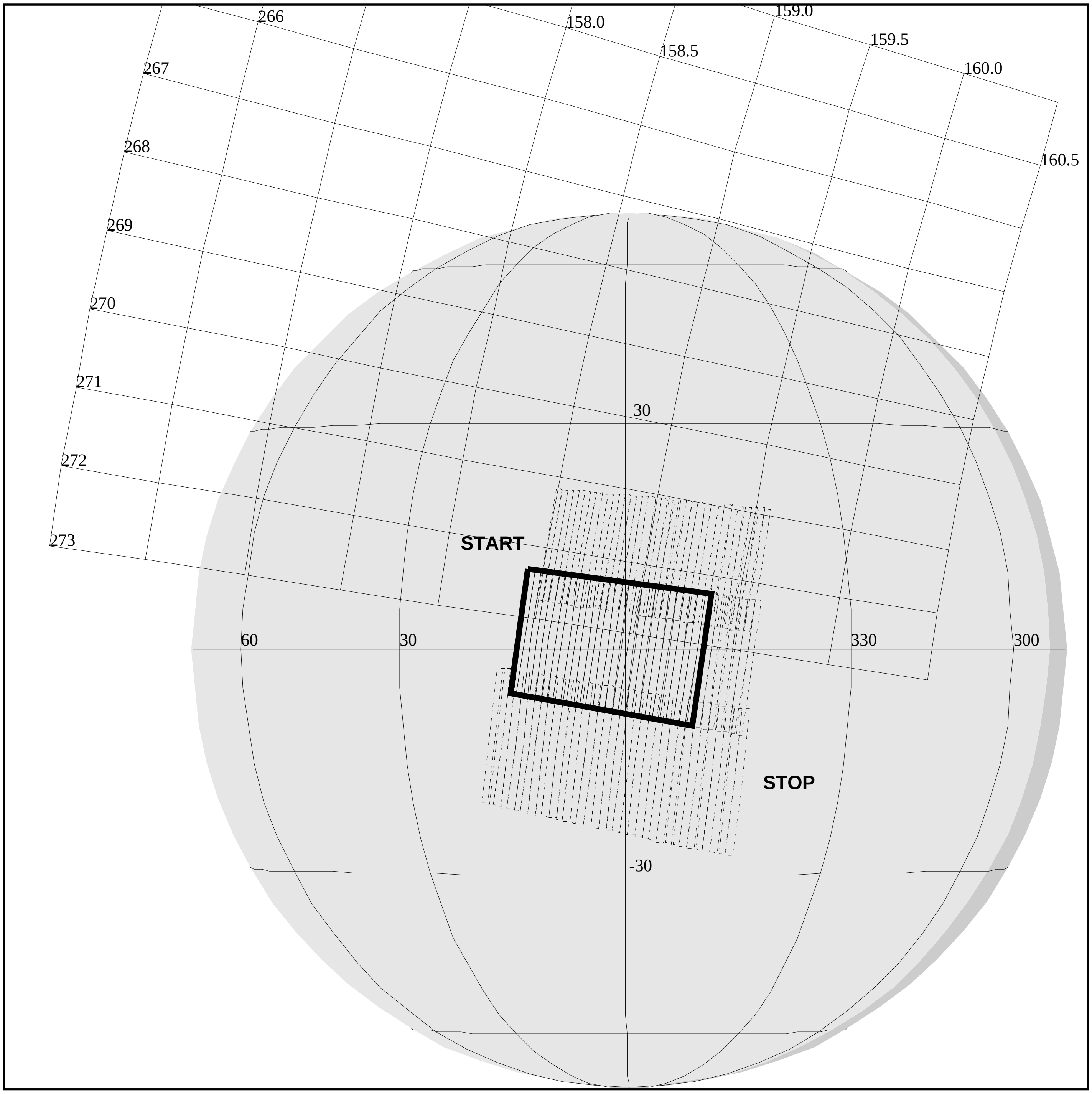
BTG=3.46 MB, TICS=530, FMT=MPW

One LM scan from off-limb to on target.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 4, Grating Start 0, MPW, GLM442, GLM360

Galileo Activity Plan Form   05/31/00 00:00:00   rev 6/95



165DC:TT=   0 TMC= 1 C=   -8.50 XC=   -8.00 BS= 0/3853 TC= 3
A= 728 pD= 5450 SR=17.450 RA50= 64.55 DEC50= 24.35 cone=158.55 clock=271.95
117DC:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/3853
1:#s= 3 Cs=   17.80 XCs=   0.00 Cr= -17.80 XCr=   8.00 sD= 1790 rD=   40

28GNPERRIN01

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28GNPERRIN01

TARGET BODY :   GANYMEDE

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:GEE 00-141/10:10:27.600   +CDS 101:00:0

OBSERVATION:28GNPERRIN01

THINNING:NIM   2

BODY PLOT TIME:TARGET-TIME D= 5450 S= 0.800

DESCRIP:GANYMEDE_PERRINE_REGION

Ganymede Perrine Region	ACTIVITY ID: 28GNPERRIN01-
	START TIME: 00-141/11:48:32.266

Activity ID: Orbit 28 Target G Inst N OAPEL PERRIN SeqNo 01 -

Title	Ganymede Perrine Region			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	SWG

Time System	CDS	Load ID		Calendar Date	05/20/00	Week	20

Start	GEE+CDS 00000097:00:0	00-141/11:48:32.266	GEE+000/01:38:04.666
End	GEE+CDS 00000131:00:0	00-141/12:22:54.933	GEE+000/02:12:27.333
Duration	00000034:00:0	000/00:34:22.667	000/00:34:22.667

Top Label	28GNPERRIN01-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

To determine surface compositional differences.

Data Returned

Design Detail

BTG=7.29 MB, TICS=424, FMT=MPW

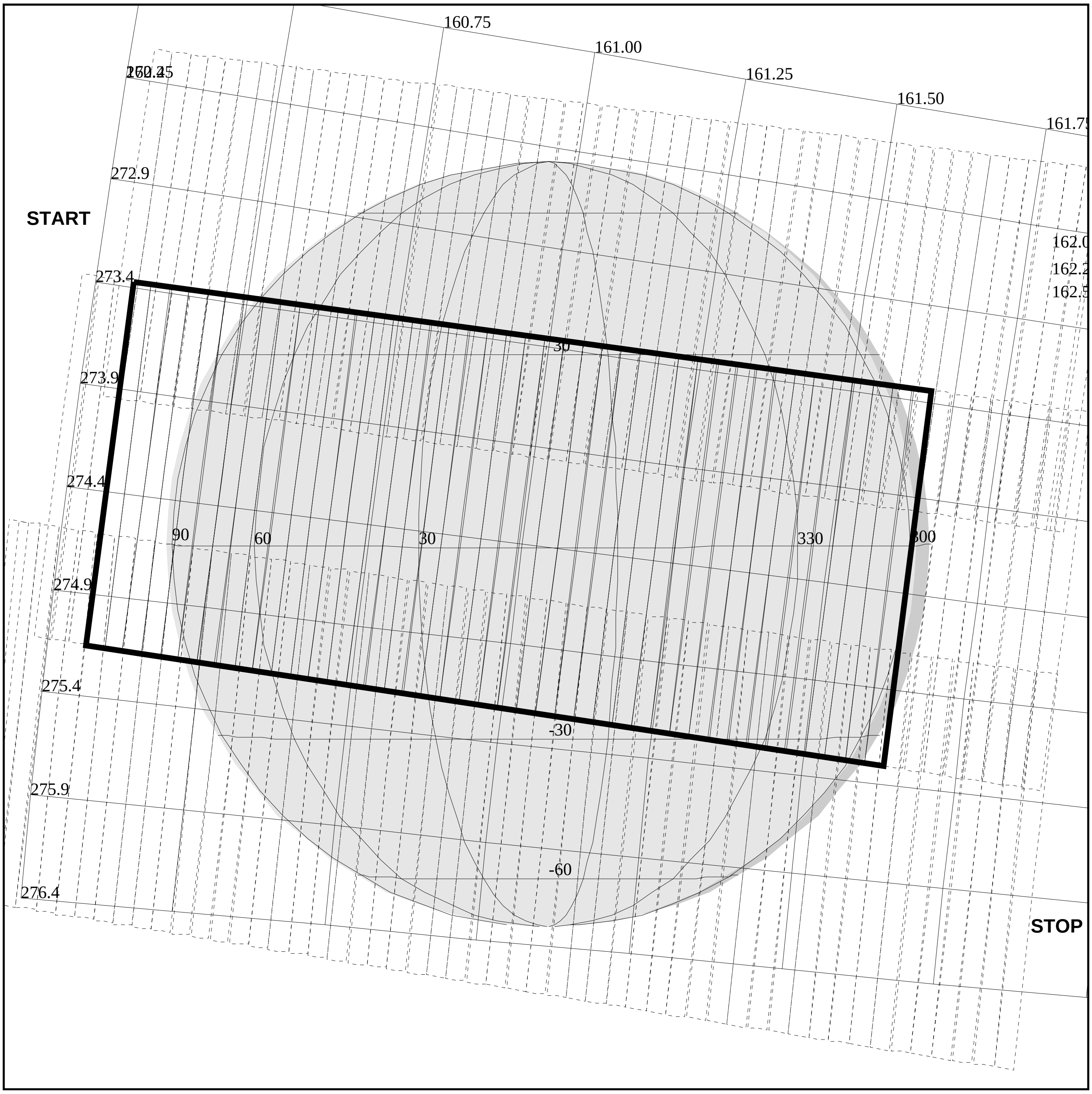
LM, 3 scan observation of the Perrine Region.

Due to the loss of the LPU record mode, only the center scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, GLM442, GLM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DD:TT= 0 TMC= 1 C= -13.00 XC= -7.30 BS= 0/9717 TC= 3
A= 728 pD= 0 SR=17.450 RA50= 62.89 DEC50= 23.38 cone=160.30 clock=273.11
117DD:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/9717
1:#s= 3 Cs= 27.00 XCs= 0.00 Cr= -27.00 XCr= 7.00 sD= 2730 rD= 44

28GNGLOBAL01

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28GNGLOBAL01

TARGET BODY : GANYMEDE

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:GEE 00-141/10:10:27.600 +CDS 353:00:0

OBSERVATION:28GNGLOBAL01

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.700

DESCRIP:GANYMEDE_GLOBAL_COMPOSITION_MAP

Ganymede Global Composition Map		ACTIVITY ID:	28GNGLOBAL01-
		START TIME:	00-141/16:03:20.266

Activity ID: Orbit 28 Target G Inst N OAPEL GLOBAL SeqNo 01 -

Title	Ganymede Global Composition Map			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	SWG

Time System	CDS	Load ID		Calendar Date	05/20/00	Week	20

Start	GEE+CDS 00000349:00:0	00-141/16:03:20.266	GEE+000/05:52:52.666
End	GEE+CDS 00000399:00:0	00-141/16:53:53.600	GEE+000/06:43:26.000
Duration	00000050:00:0	000/00:50:33.334	000/00:50:33.334

Top Label	28GNGLOBAL01-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

To obtain a spectral map of the whole satellite disk.

Data Returned

Design Detail

BTG=10.93 MB, TICS=635, FMT=MPW

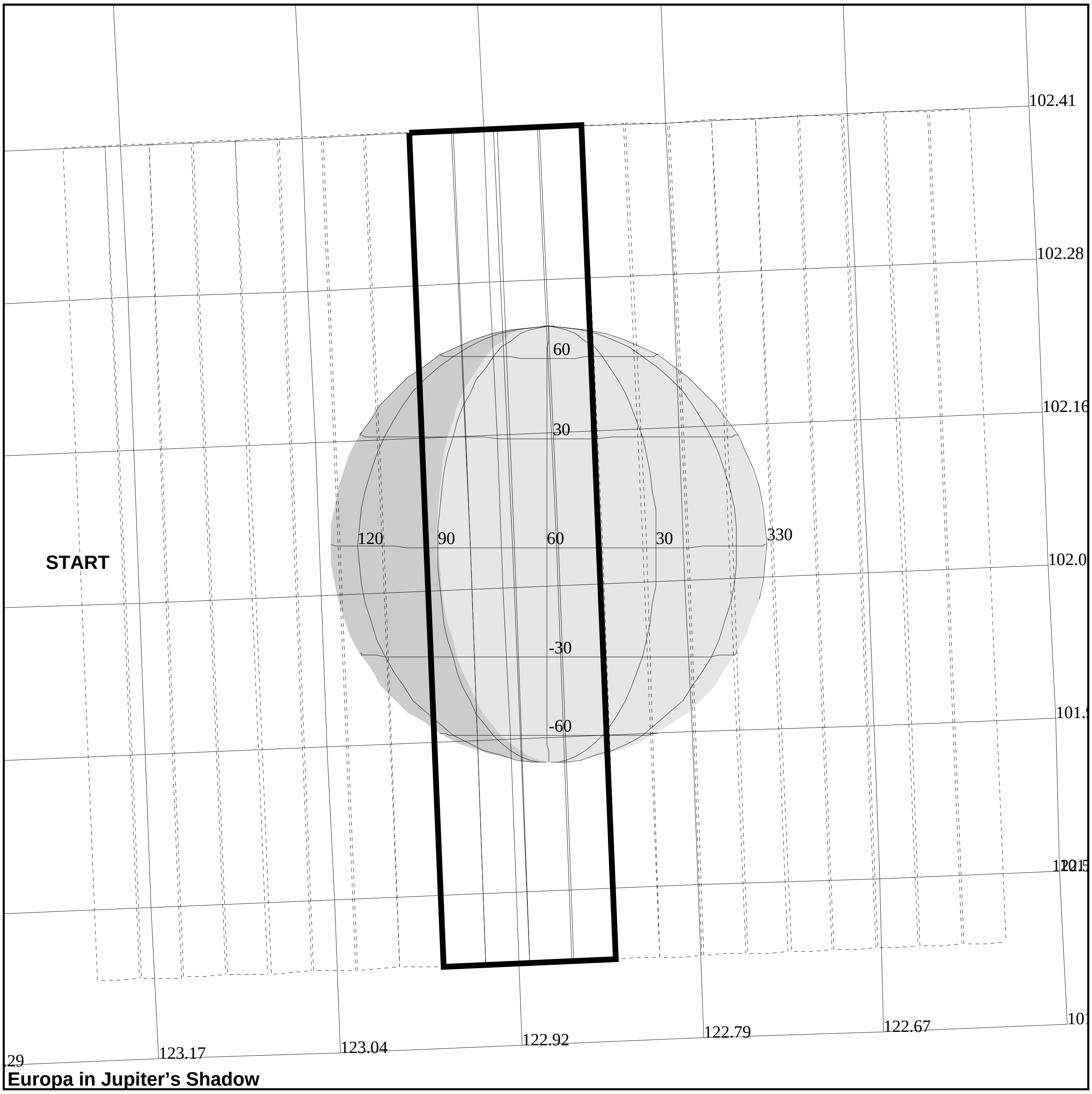
LM, Global observation

Due to the loss of the LPU record mode, only the center scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, GLM442, GLM360

Galileo Activity Plan Form   05/31/00 00:00:00   rev 6/95



165DE:TT= 0 TMC= 1 C= 5.50 XC= 0.00 BS= 0/3781 TC= 3
A= 728 pD= 1082 SR=17.450 RA50=350.10 DEC50= -4.87 cone=123.20 clock=102.07
117DE:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/3781
1:#s= 1 Cs= -10.60 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1082 rD= 44

28ENECLPSE01

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28ENECLPSE01

TARGET BODY : EUROPA

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:EEE 00-141/21:28:54.933 +CDS 34:00:0

OBSERVATION:28ENECLPSE01

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 1082 S= 0.400

DESCRIP:EUROPA_ECLIPSE_OBSERVATION

Europa Eclipse Obs		ACTIVITY ID:	28ENECLPSE01-
		START TIME:	00-141/21:59:14.933

Activity ID: Orbit 28 Target E Inst N OAPEL ECLPSE SeqNo 01 -

Title	Ganymede Hi-Res Feature			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	SWG

Time System CDS Load ID Calendar Date 05/20/00 Week 20

Start	EEE+CDS 00000030:00:0	00-141/21:59:14.933	EEE+000/00:30:20.000
End	EEE+CDS 00000040:00:0	00-141/22:09:21.599	EEE+000/00:40:26.666
Duration	00000010:00:0	000/00:10:06.666	000/00:10:06.666

Top Label 28ENECLPSE01-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

A distant observation of Europa while within Jupiter’s shadow.

Data Returned

Design Detail

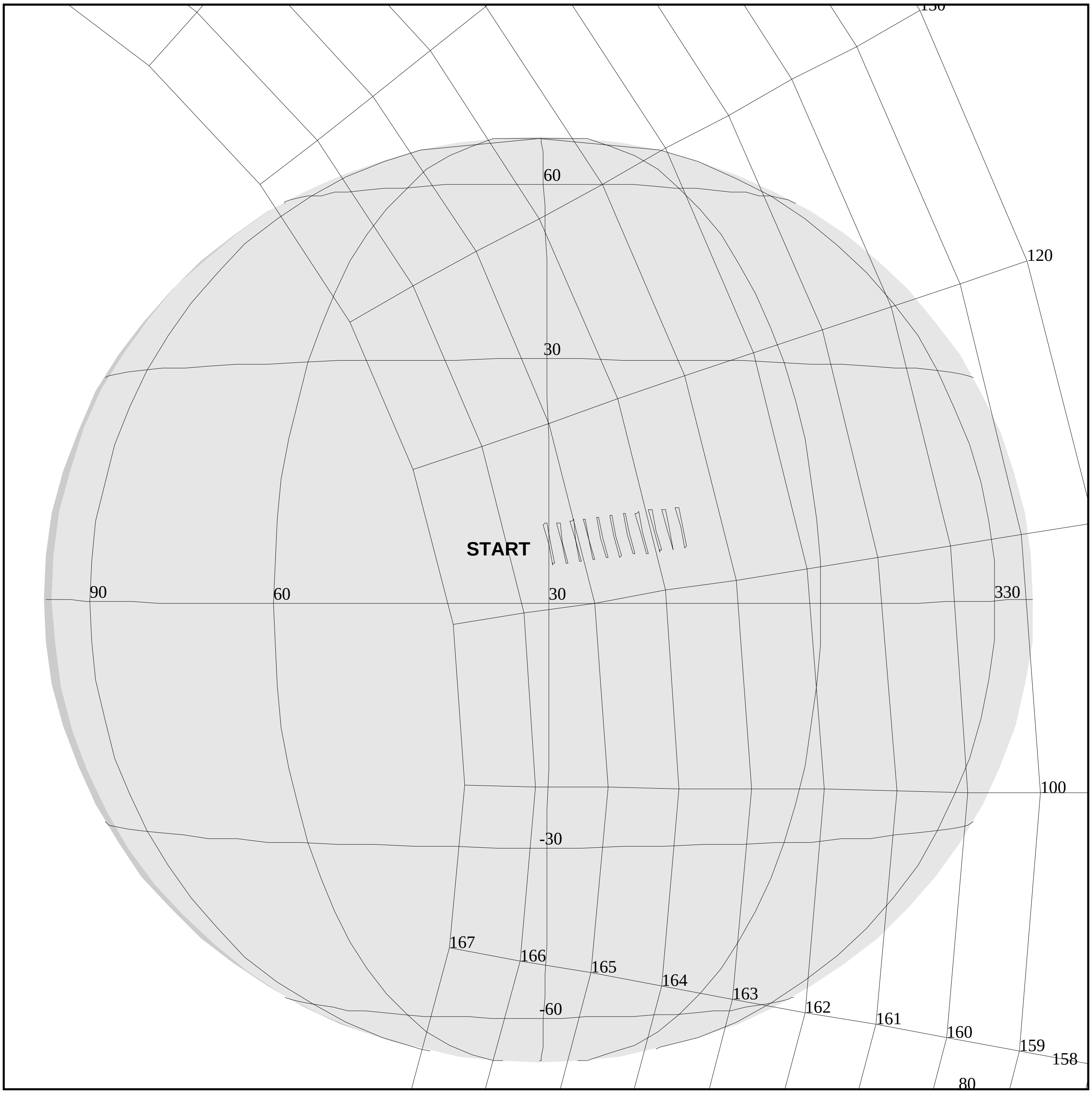
BTG=0.97, TICS=72, FMT=MPW

Due to the loss of the LPU record mode, only the central third of the scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 4, Grating Start 0, MPW, ELM442, ELM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DI:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/6651 TC= 1(7 30)
A= 728 pD= 1992 SR=17.450 RA50= 28.69 DEC50= 13.91 cone=165.48 clock=113.59
117DI:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/6651
1:#s= 1 Cs= -19.70 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1992 rD= 2

28JNNEBRLT01

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNNEBRLT01

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 380:00:0

OBSERVATION:28JNNEBRLT01

THINNING:NIM 7

BODY PLOT TIME:TARGET-TIME D= 1992 S= 0.900

DESCRIP:JUPITER_NEB_REALTIME_OBS

Jupiter NEB R/T Obs 01	ACTIVITY ID: 28JNNEBRLT01- START TIME: 00-142/11:12:58.266

Activity ID: Orbit 28 Target J Inst N OAPEL NEBRLT SeqNo 01 -

Title	Jupiter NEB R/T Obs 01			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/21/00	Week	20

Start	JEE+CDS 00000376:00:0	00-142/11:12:58.266	JEE+000/06:20:10.666
End	JEE+CDS 00000391:00:0	00-142/11:28:08.266	JEE+000/06:35:20.666
Duration	00000015:00:0	000/00:15:10.000	000/00:15:10.000

Top Label 28JNNEBRLT01-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

North Equatorial Belt (NEB) scan.
Central meridian spectra.

Data Returned

Design Detail

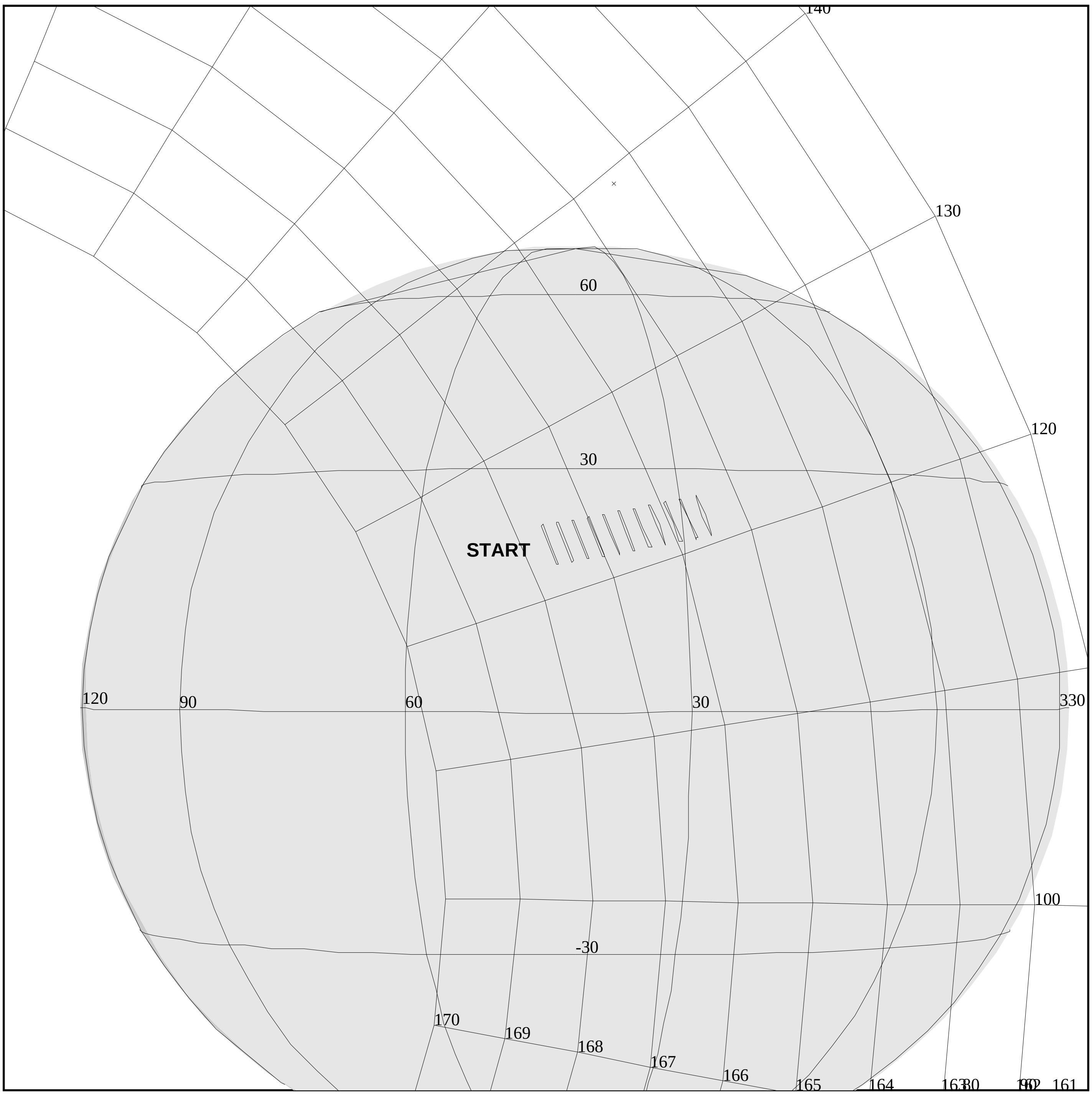
R/T Enc BTG=0.128 MB, BDT
Center to Limb LM mode

Mirror Blocked (11011,11011) (1B,1B)

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DJ:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/0655 TC= 1(20 45)
A= 728 pD= 1992 SR=17.450 RA50= 30.79 DEC50= 16.31 cone=167.69 clock=123.28
117DJ:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/0655
1:#s= 1 Cs= -19.70 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1992 rD= 2

28JNNTZRLT01

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNNTZRLT01

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 402:00:0

OBSERVATION:28JNNTZRLT01

THINNING:NIM 7

BODY PLOT TIME:TARGET-TIME D= 1992 S= 0.900

DESCRIP:JUPITER_NTZ_REALTIME_OBS

Jupiter NTZ R/T Obs 01	ACTIVITY ID: 28JNNTZRLT01- START TIME: 00-142/11:35:12.933

Activity ID: Orbit 28 Target J Inst N OAPEL NTZRLT SeqNo 01 -

Title	Jupiter NTZ R/T Obs 01			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/21/00	Week	20

Start	JEE+CDS 00000398:00:0	00-142/11:35:12.933	JEE+000/06:42:25.333
End	JEE+CDS 00000413:00:0	00-142/11:50:22.933	JEE+000/06:57:35.333
Duration	00000015:00:0	000/00:15:10.000	000/00:15:10.000

Top Label	28JNNTZRLT01-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

North Temperate Zone (NTZ) scan.
Central meridian spectra.

Data Returned

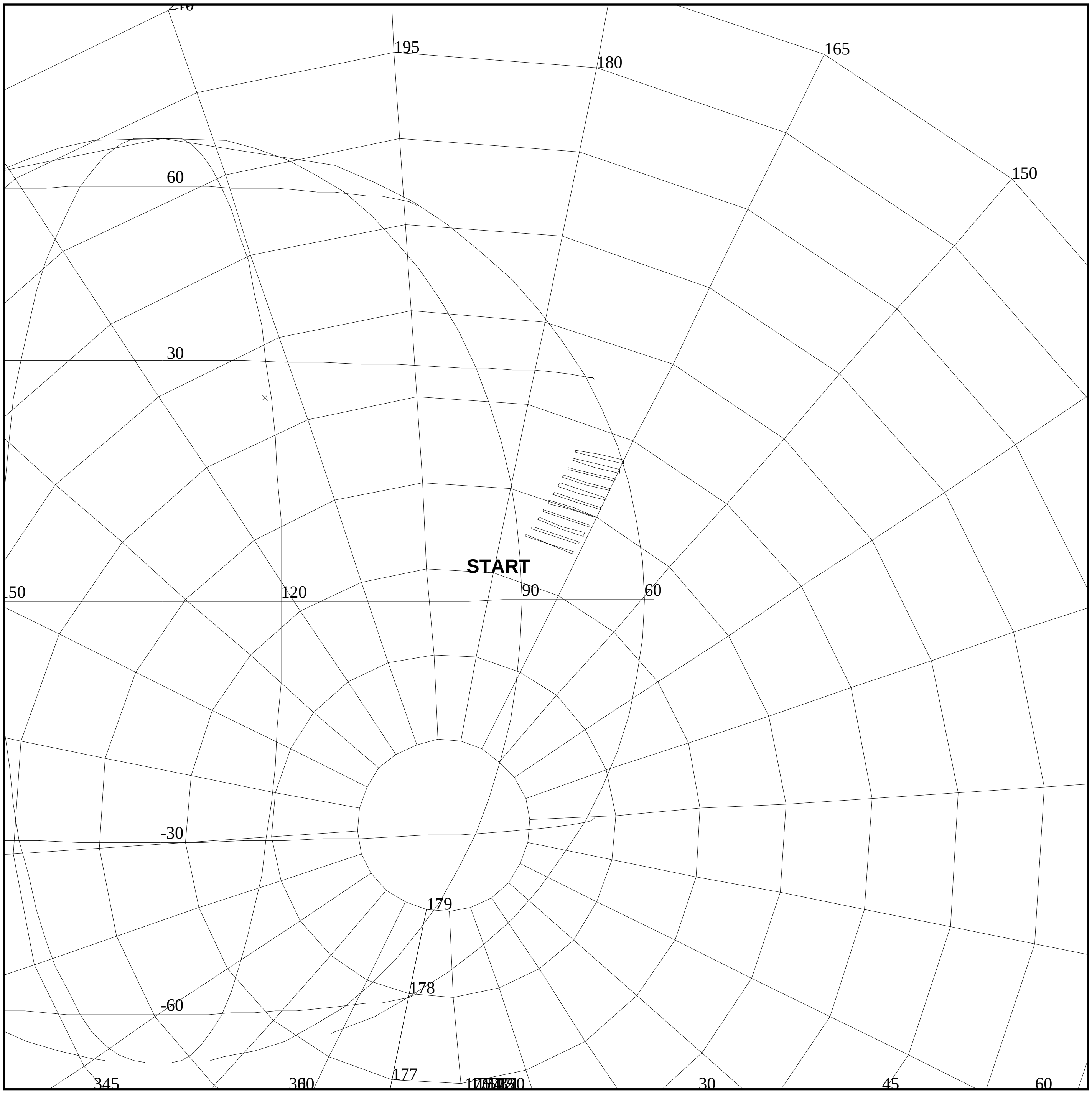
Design Detail

R/T Enc BTG=0.128 MB, BDT
Center to Limb LM mode

Mirror Blocked (11011,11011) (1B,1B)

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408



165DK:TT=   0 TMC= 1 C=   0.00 XC=   0.00 BS= 0/2140 TC= 1(7   85   )
A= 728 pD= 1992 SR=17.450 RA50= 41.32 DEC50= 18.49 cone=176.50 clock=170.88
117DK:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/2140
1:#s= 1 Cs= -19.70 XCs=   0.00 Cr=   0.00 XCr=   0.00 sD= 1992 rD=   2

28JNNEBRLT02

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNNEBRLT02

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600   +CDS 575:00:0

OBSERVATION:28JNNEBRLT02

THINNING:NIM   7

BODY PLOT TIME:TARGET-TIME D= 1992 S= 0.900

DESCRIP:JUPITER_NEB_REALTIME_OBS

Jupiter NEB R/T Obs 02	ACTIVITY ID: 28JNNEBRLT02- START TIME: 00-142/14:30:08.266

Activity ID: Orbit 28 Target J Inst N OAPEL NEBRLT SeqNo 02 -

Title	Jupiter NEB R/T Obs 02			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/21/00 Week 20

Start	JEE+CDS 00000571:00:0	00-142/14:30:08.266	JEE+000/09:37:20.666
End	JEE+CDS 00000586:00:0	00-142/14:45:18.266	JEE+000/09:52:30.666
Duration	00000015:00:0	000/00:15:10.000	000/00:15:10.000

Top Label 28JNNEBRLT02-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

North Equatorial Belt (NEB) scan.
Central meridian spectra.

Data Returned

Design Detail

R/T Enc BTG=0.128 MB, BDT
Center to Limb LM mode

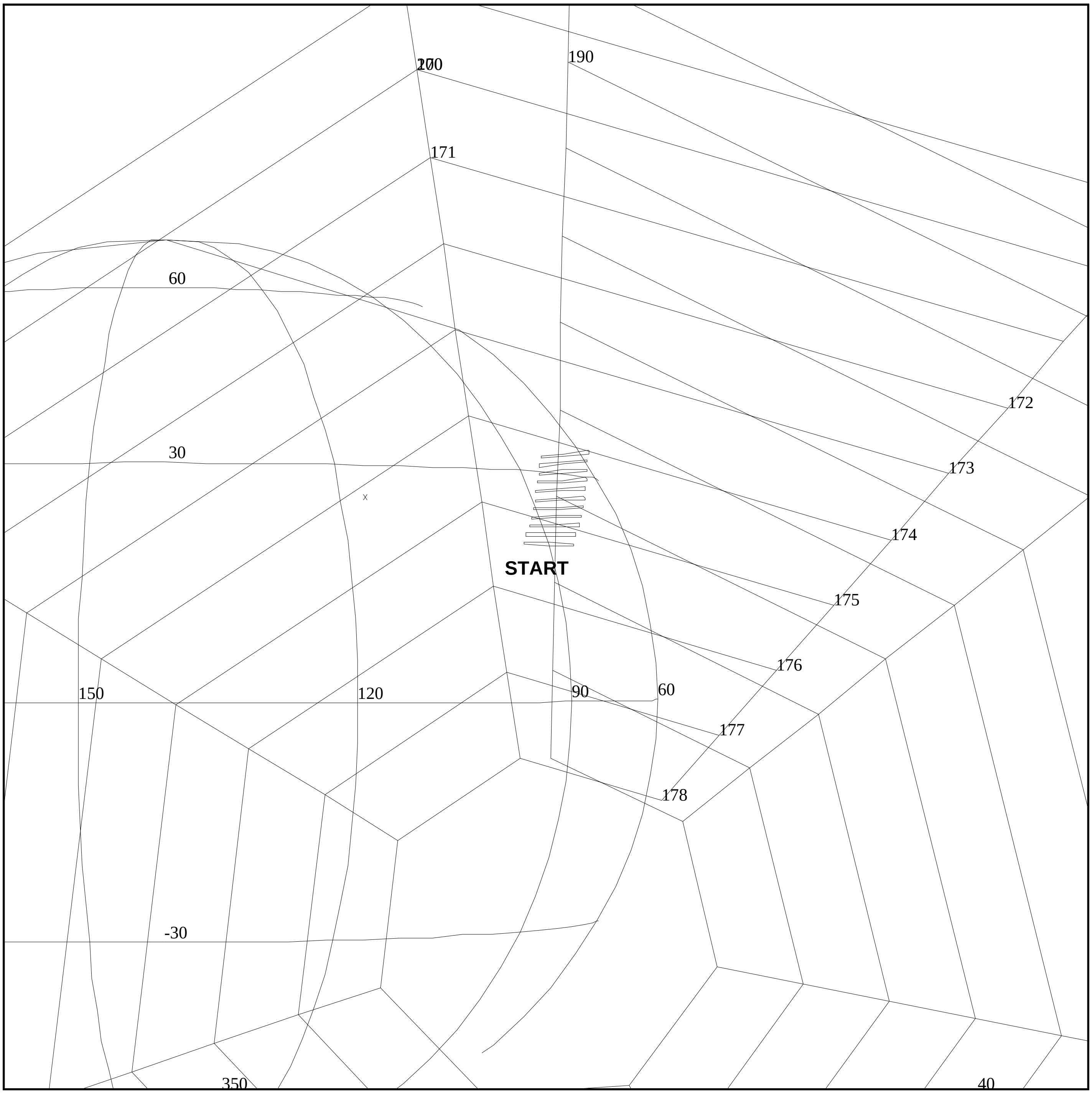
Near cone-pole

Mirror Blocked (11011,11011) (1B,1B)

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DL:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/4870 TC= 1(20 90)
A= 728 pD= 1992 SR=17.450 RA50= 42.14 DEC50= 19.98 cone=175.55 clock=191.08
117DL:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/4870
1:#s= 1 Cs= -19.70 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1992 rD= 2

28JNNTZRLT02

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNNTZRLT02

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 590:00:0

OBSERVATION:28JNNTZRLT02

THINNING:NIM 7

BODY PLOT TIME:TARGET-TIME D= 1992 S= 0.900

DESCRIP:JUPITER_NTZ_REALTIME_OBS

Jupiter NTZ R/T Obs 02	ACTIVITY ID: 28JNNTZRLT02- START TIME: 00-142/14:45:18.266

Activity ID: Orbit 28 Target J Inst N OAPEL NTZRLT SeqNo 02 -

Title	Jupiter NTZ R/T Obs 02			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/21/00 Week 20

Start	JEE+CDS 00000586:00:0	00-142/14:45:18.266	JEE+000/09:52:30.666
End	JEE+CDS 00000601:00:0	00-142/15:00:28.266	JEE+000/10:07:40.666
Duration	00000015:00:0	000/00:15:10.000	000/00:15:10.000

Top Label 28JNNTZRLT02-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

North Temperate Zone (NTZ) scan.
Central meridian spectra.

Data Returned

Design Detail

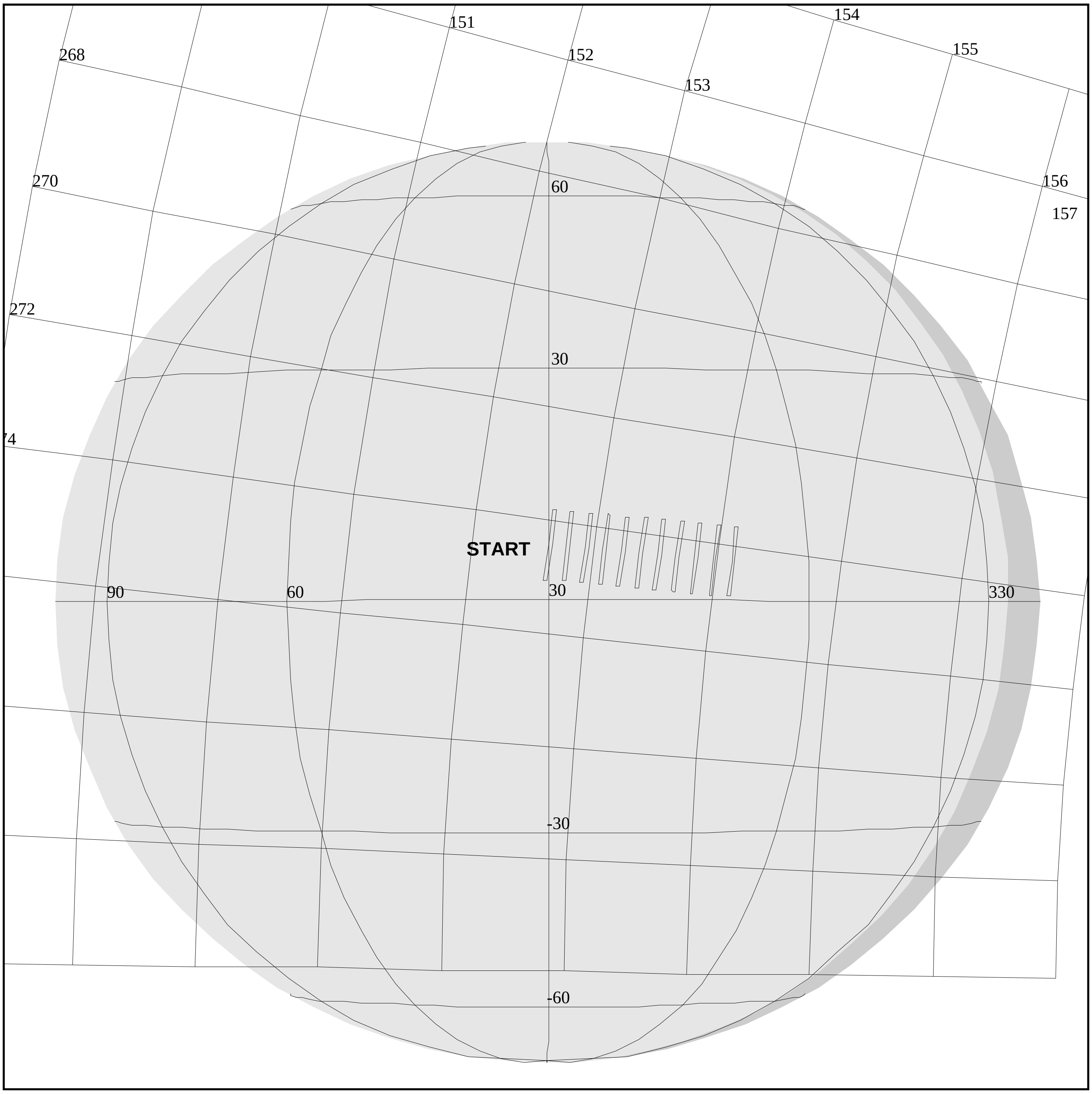
R/T Enc BTG=0.128 MB, BDT
Center to Limb LM mode

near cone pole

Mirror Blocked (11011,11011) (1B,1B)

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DM:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/5860 TC= 1(7 30)
A= 728 pD= 1992 SR=17.450 RA50= 71.12 DEC50= 25.13 cone=152.62 clock=274.42
117DM:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/5860
1:#s= 1 Cs= 19.70 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1992 rD= 2

28JNNEBRLT03

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNNEBRLT03

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:NIM 7

START:JEE 00-142/04:52:47.600 +CDS 1035:00:0

BODY PLOT TIME:TARGET-TIME D= 1992 S= 0.900

OBSERVATION:28JNNEBRLT03

DESCRIP:JUPITER_NEB_REALTIME_OBS

Jupiter NEB R/T Obs 03	ACTIVITY ID: 28JNNEBRLT03-
	START TIME: 00-142/22:15:14.933

Activity ID: Orbit 28 Target J Inst N OAPEL NEBRLT SeqNo 03 -

Title	Jupiter NEB R/T Obs 03			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/21/00 Week 20

Start	JEE+CDS 00001031:00:0	00-142/22:15:14.933	JEE+000/17:22:37.333
End	JEE+CDS 00001046:00:0	00-142/22:30:24.933	JEE+000/17:37:37.333
Duration	00000015:00:0	000/00:15:10.000	000/00:15:10.000

Top Label 28JNNEBRLT03-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

North Equatorial Belt (NEB) scan.
Central meridian spectra.

Data Returned

Design Detail

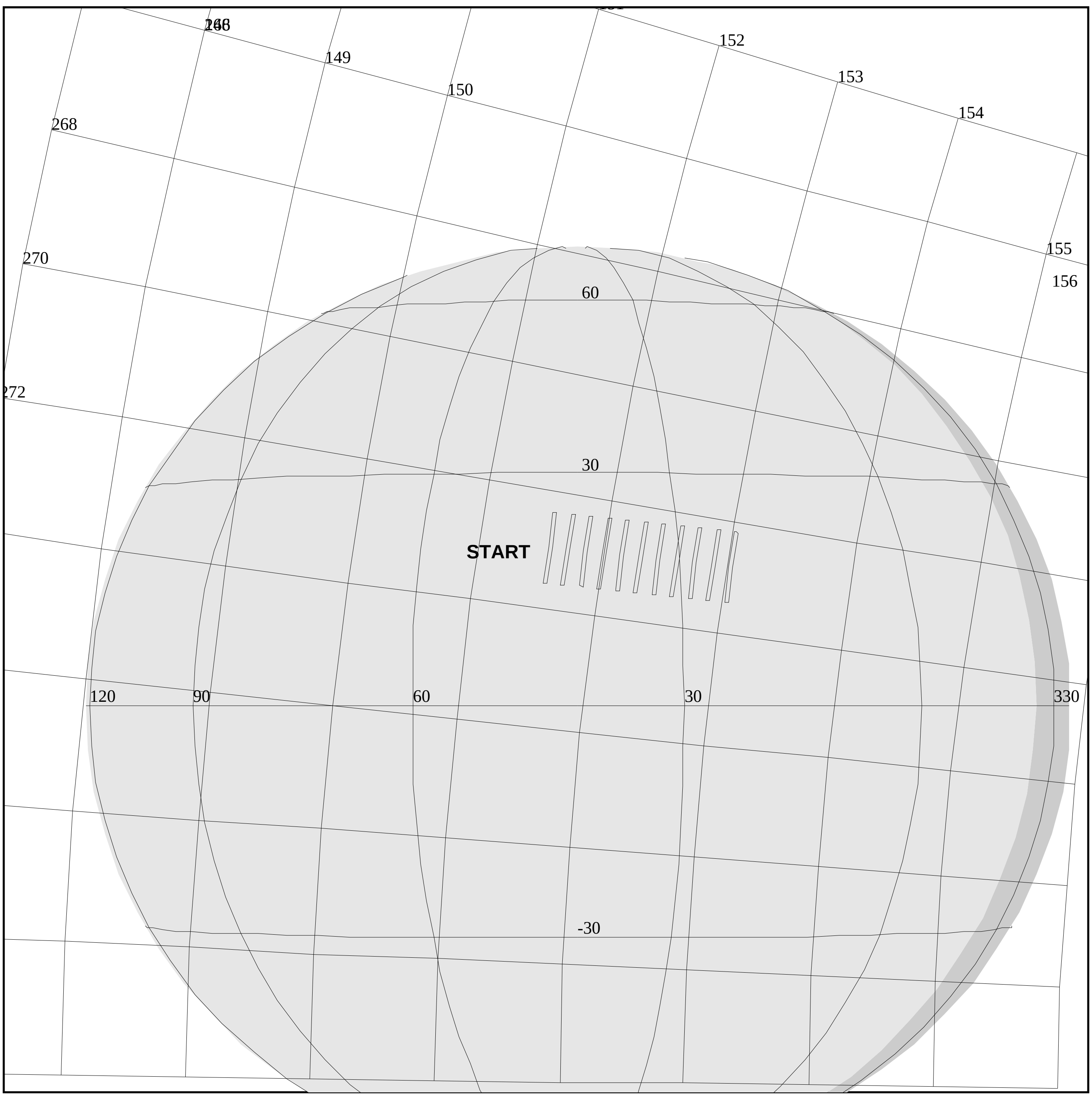
R/T Enc BTG=0.128 MB, BDT
Center to Limb LM mode

Mirror Blocked (11011,11011) (1B,1B)

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DN:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/9500 TC= 1(20 45)
A= 728 pD= 1992 SR=17.450 RA50= 72.06 DEC50= 26.07 cone=151.55 clock=272.96
117DN:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/9500
1:#s= 1 Cs= 19.70 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1992 rD= 2

28JNNTZRLT03

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNNTZRLT03

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 1055:00:0

OBSERVATION:28JNNTZRLT03

THINNING:NIM 7

BODY PLOT TIME:TARGET-TIME D= 1992 S= 0.900

DESCRIP:JUPITER_NTZ_REALTIME_OBS

Jupiter NTZ R/T Obs 03	ACTIVITY ID: 28JNNTZRLT03- START TIME: 00-142/22:35:28.267

Activity ID: Orbit 28 Target J Inst N OAPEL NTZRLT SeqNo 03 -

Title	Jupiter NTZ R/T Obs 03			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/21/00	Week	20

Start	JEE+CDS 00001051:00:0	00-142/22:35:28.267	JEE+000/17:42:40.667
End	JEE+CDS 00001066:00:0	00-142/22:50:38.267	JEE+000/17:57:50.667
Duration	00000015:00:0	000/00:15:10.000	000/00:15:10.000

Top Label 28JNNTZRLT03-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

North Temperate Zone (NTZ) scan.
Central meridian spectra.

Data Returned

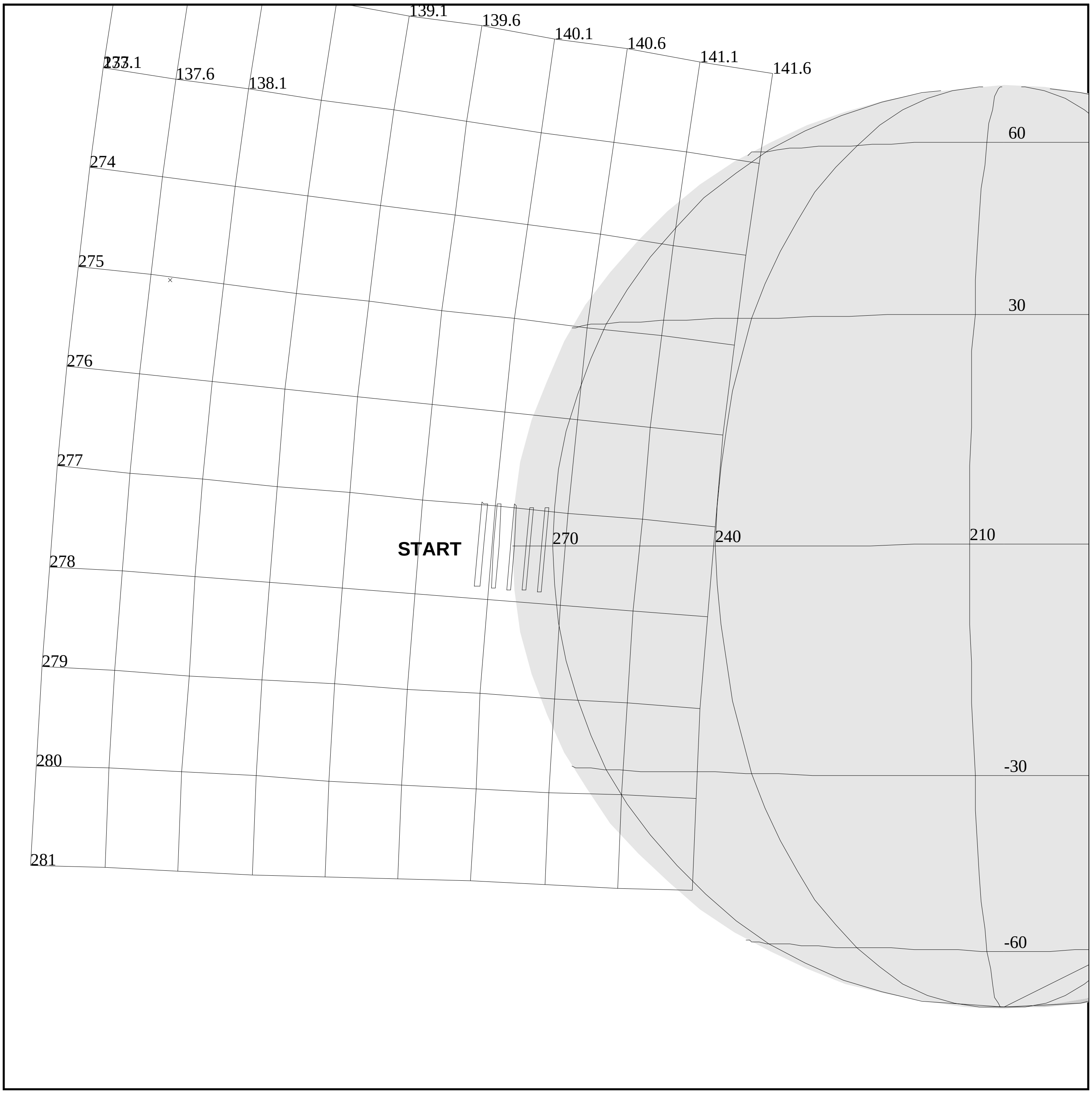
Design Detail

R/T Enc BTG=0.128 MB, BDT
Center to Limb LM mode

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DO:TT= 0 TMC= 1 C= -4.00 XC= 0.00 BS= 0/1006 TC= 1(0 290)
A= 728 pD= 900 SR=17.450 RA50= 85.22 DEC50= 25.77 cone=139.98 clock=277.42
117DO:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/1006
1:#s= 1 Cs= 8.85 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 900 rD= 2

28JNEQBLGE01

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNEQBLGE01

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 1338:00:0

OBSERVATION:28JNEQBLGE01

THINNING:NIM 7

BODY PLOT TIME:TARGET-TIME D= 900 S= 0.900

DESCRIP:JUPITER_EQUATORIAL_BULGE

Jupiter Equatorial Bulge 01	ACTIVITY ID:	28JNEQBLGE01-
	START TIME:	00-143/03:20:36.267

Activity ID: Orbit 28 Target J Inst N OAPEL EQBLGE SeqNo 01 -

Title	Jupiter Equatorial Bulge 01			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week	21

Start	JEE+CDS 00001333:00:0	00-143/03:20:26.267	JEE+000/22:27:48.667
End	JEE+CDS 00001342:00:0	00-143/03:29:42.267	JEE+000/22:36:54.667
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label	28JNEQBLGE01-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Limb scan of equatorial bulge.

Data Returned

Design Detail

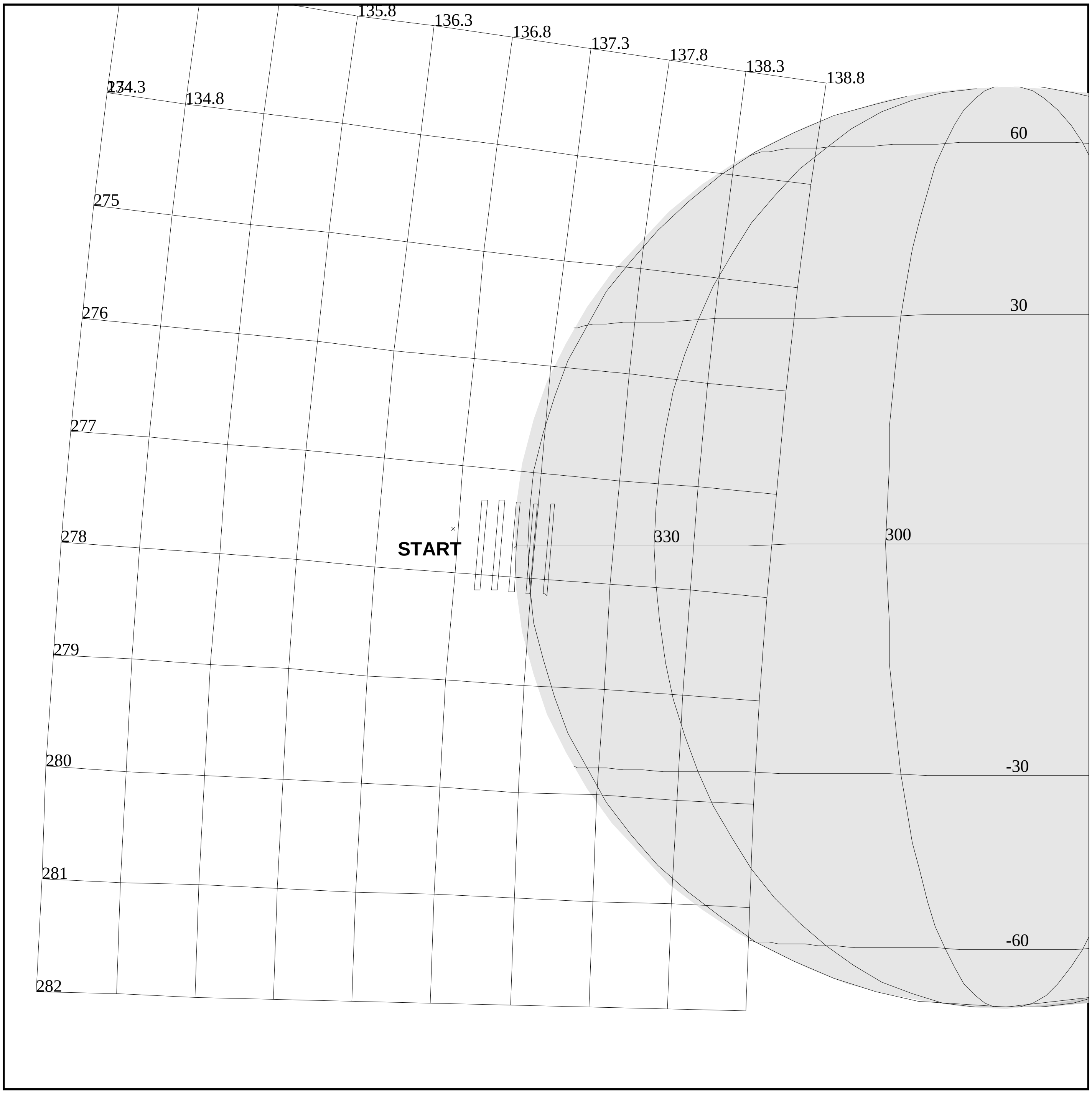
R/T Enc BTG=0.08 MB, BDT
Limbscan

Mirror Blocked (11011,11011) (1B,1B)

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form   05/31/00 00:00:00   rev 6/95



165DP:TT= 0 TMC= 1 C= -4.00 XC= 0.00 BS= 0/5940 TC= 1(0 9)
A= 728 pD= 900 SR=17.450 RA50= 88.54 DEC50= 25.85 cone=137.00 clock=277.72
117DP:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/5940
1:#s= 1 Cs= 8.85 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 900 rD= 2

28JNEQBLGE02

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNEQBLGE02

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 1475:00:0

OBSERVATION:28JNEQBLGE02

THINNING:NIM 7

BODY PLOT TIME:TARGET-TIME D= 900 S= 0.900

DESCRIP:JUPITER_EQUATORIAL_BULGE

Jupiter Equatorial Bulge 02		ACTIVITY ID:	28JNEQBLGE02-
		START TIME:	00-143/05:40:08.267

Activity ID: Orbit 28 Target J Inst N OAPEL EQBLGE SeqNo 02 -

Title	Jupiter Equatorial Bulge 02			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week	21

Start	JEE+CDS 00001471:00:0	00-143/05:40:08.267	JEE+001/00:47:20.667
End	JEE+CDS 00001480:00:0	00-143/05:49:14.267	JEE+001/00:56:26.667
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label	28JNEQBLGE02-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Limb scan of equatorial bulge.

Data Returned

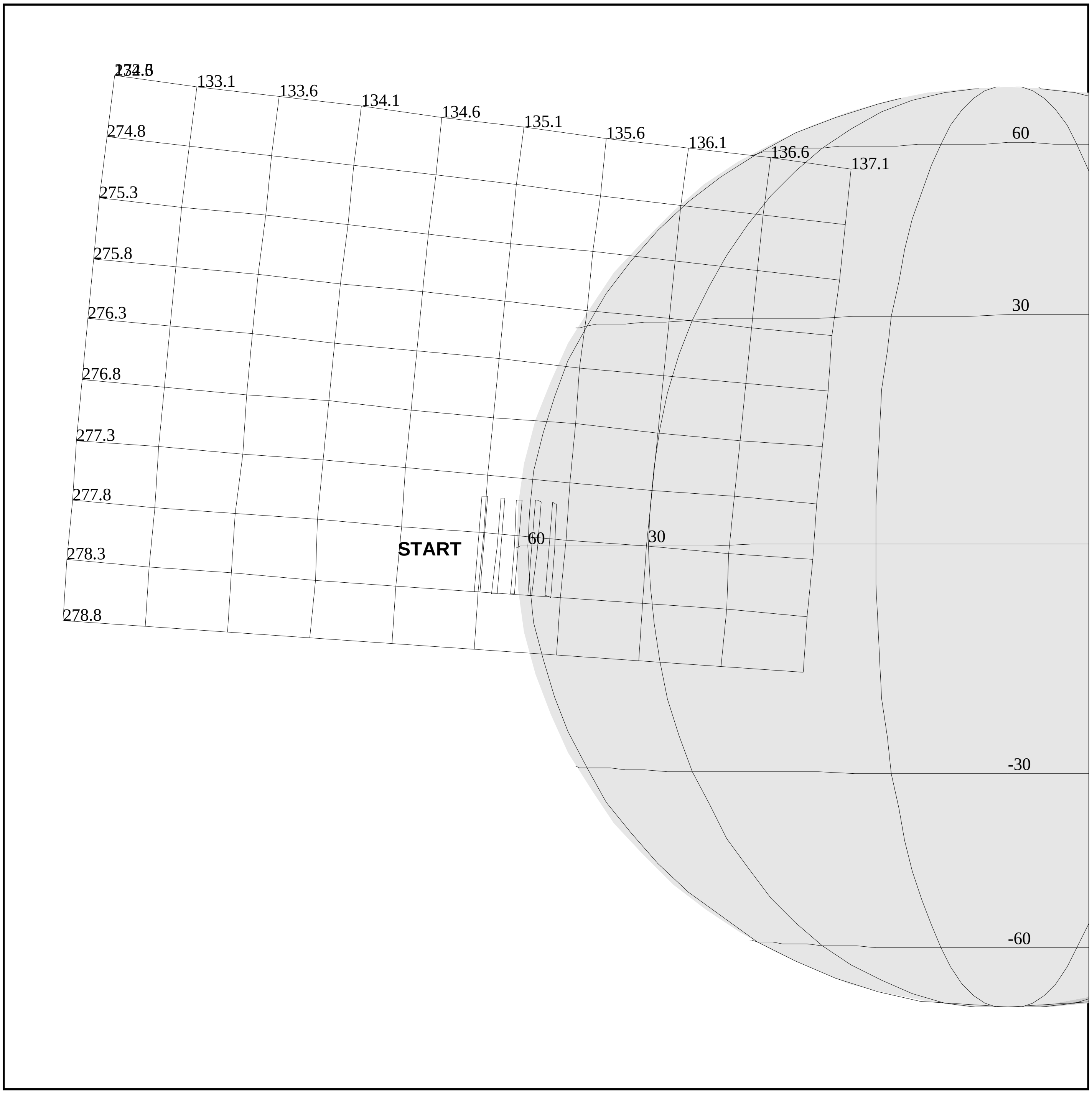
Design Detail

R/T Enc BTG=0.08 MB, BDT
Limbscan

Mirror Blocked (11011,11011) (1B,1B)

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form   05/31/00 00:00:00   rev 6/95



165DQ:TT= 0 TMC= 1 C= -4.00 XC= 0.00 BS= 0/3958 TC= 1(0 69)
A= 728 pD= 900 SR=17.450 RA50= 90.69 DEC50= 25.85 cone=135.07 clock=277.90
117DQ:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/3958
1:#s= 1 Cs= 8.85 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 900 rD= 2

28JNEQBLGE03

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNEQBLGE03

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:NIM 7

START:JEE 00-142/04:52:47.600 +CDS 1574:00:0

BODY PLOT TIME:TARGET-TIME D= 900 S= 0.900

OBSERVATION:28JNEQBLGE03

DESCRIP:JUPITER_EQUATORIAL_BULGE

Jupiter Equatorial Bulge 03		ACTIVITY ID:	28JNEQBLGE03-
		START TIME:	00-143/07:20:14.267

Activity ID: Orbit 28 Target J Inst N OAPEL EQBLGE SeqNo 03 -

Title	Jupiter Equatorial Bulge 03			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week	21

Start	JEE+CDS 00001570:00:0	00-143/07:20:14.267	JEE+001/02:27:26.667
End	JEE+CDS 00001579:00:0	00-143/07:29:20.267	JEE+001/02:36:32.667
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label	28JNEQBLGE03-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Limb scan of equatorial bulge.

Data Returned

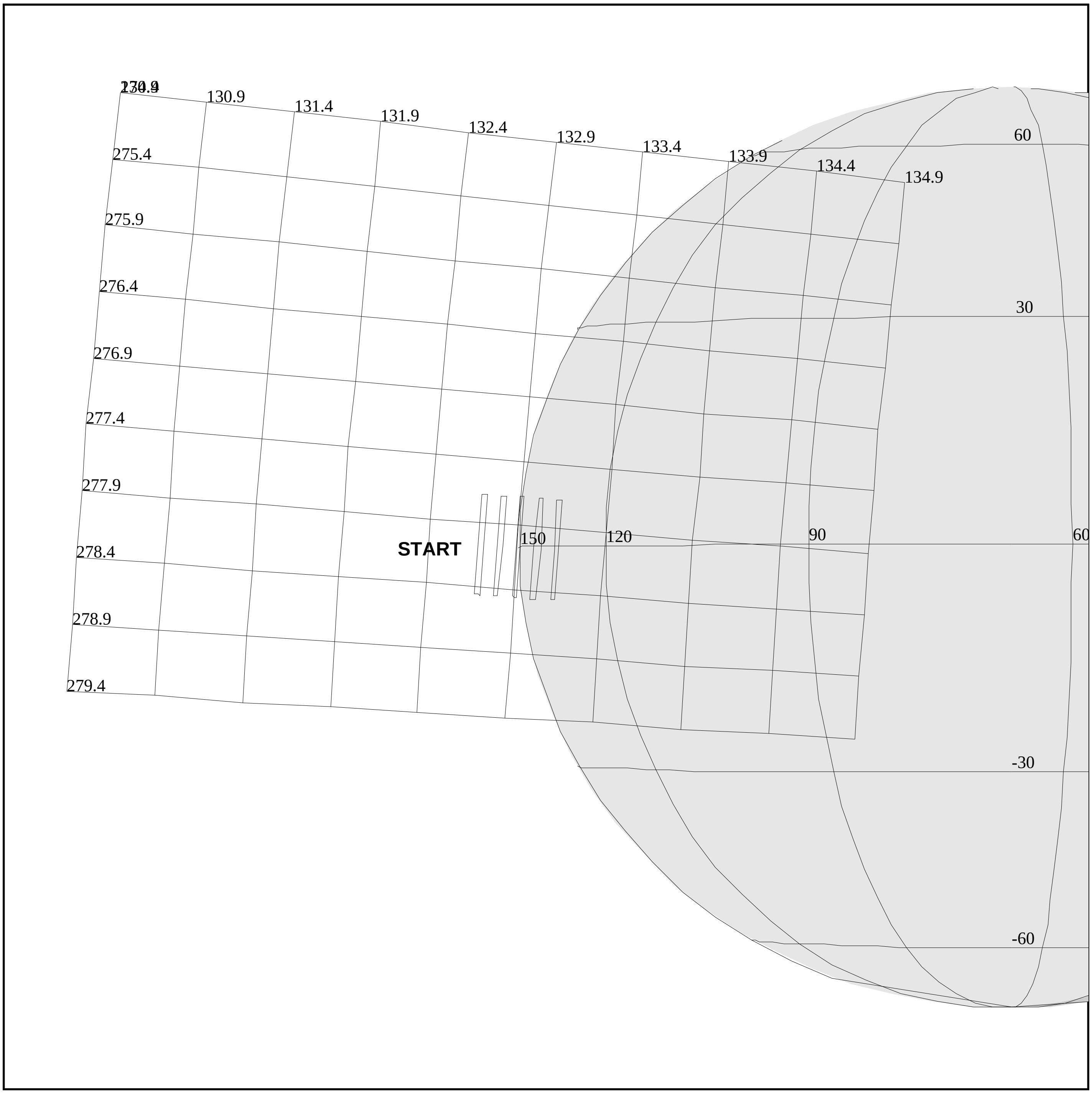
Design Detail

R/T Enc BTG=0.08 MB, BDT
Limbscan

Mirror Blocked (11011,11011) (1B,1B)

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DR:TT= 0 TMC= 1 C= -4.00 XC= 0.00 BS= 0/9074 TC= 1(0 150)
A= 728 pD= 900 SR=17.450 RA50= 93.38 DEC50= 25.82 cone=132.66 clock=278.10
117DR:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/9074
1:#s= 1 Cs= 8.85 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 900 rD= 2

28JNEQBLGE04

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNEQBLGE04

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 1712:00:0

OBSERVATION:28JNEQBLGE04

THINNING:NIM 7

BODY PLOT TIME:TARGET-TIME D= 900 S= 0.900

DESCRIP:JUPITER_EQUATORIAL_BULGE

Jupiter Equatorial Bulge 04		ACTIVITY ID:	28JNEQBLGE04-
		START TIME:	00-143/09:39:46.267

Activity ID: Orbit 28 Target J Inst N OAPEL EQBLGE SeqNo 04 -

Title	Jupiter Equatorial Bulge 04			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/22/00 Week 21

Start	JEE+CDS 00001708:00:0	00-143/09:39:46.267	JEE+001/04:46:58.667
End	JEE+CDS 00001717:00:0	00-143/09:48:52.267	JEE+001/04:56:04.667
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label 28JNEQBLGE04-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Limb scan of equatorial bulge.

Data Returned

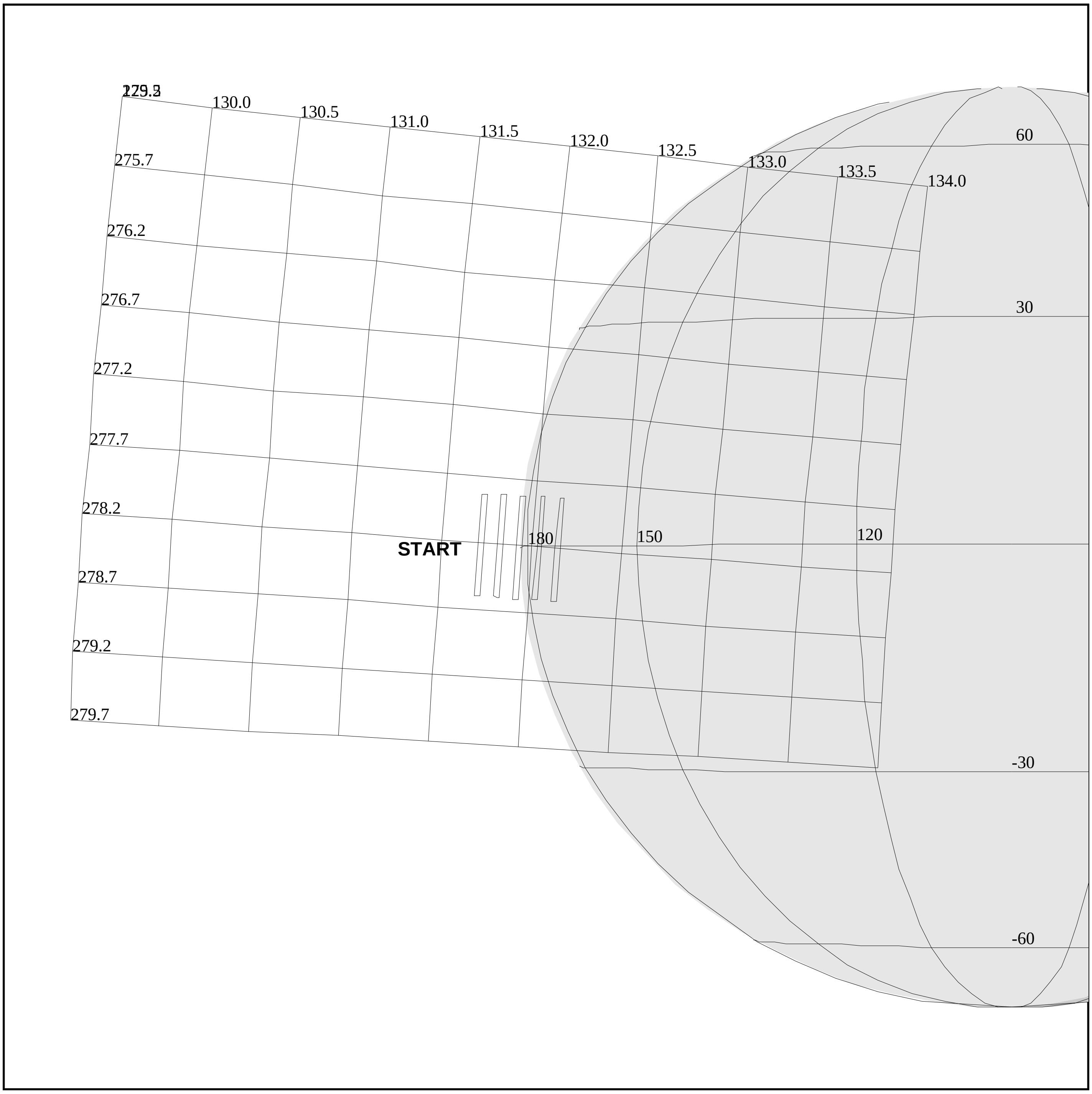
Design Detail

R/T Enc BTG=0.08 MB, BDT
Limbscan

Mirror Blocked (11011,11011) (1B,1B)

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DS:TT= 0 TMC= 1 C= -4.00 XC= 0.00 BS= 0/9994 TC= 1(0 186)
A= 728 pD= 900 SR=17.450 RA50= 94.45 DEC50= 25.79 cone=131.69 clock=278.18
117DS:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/9994
1:#s= 1 Cs= 8.85 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 900 rD= 2

28JNEQBLGE05

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNEQBLGE05

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 1772:00:0

OBSERVATION:28JNEQBLGE05

THINNING:NIM 7

BODY PLOT TIME:TARGET-TIME D= 900 S= 0.900

DESCRIP:JUPITER_EQUATORIAL_BULGE

Jupiter Equatorial Bulge 05		ACTIVITY ID:	28JNEQBLGE05-
		START TIME:	00-143/10:40:26.267

Activity ID: Orbit 28 Target J Inst N OAPEL EQBLGE SeqNo 05 -

Title	Jupiter Equatorial Bulge 05			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week	21

Start	JEE+CDS 00001768:00:0	00-143/10:40:26.267	JEE+001/05:47:38.667
End	JEE+CDS 00001777:00:0	00-143/10:49:32.267	JEE+001/05:56:44.667
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label	28JNEQBLGE05-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Limb scan of equatorial bulge.

Data Returned

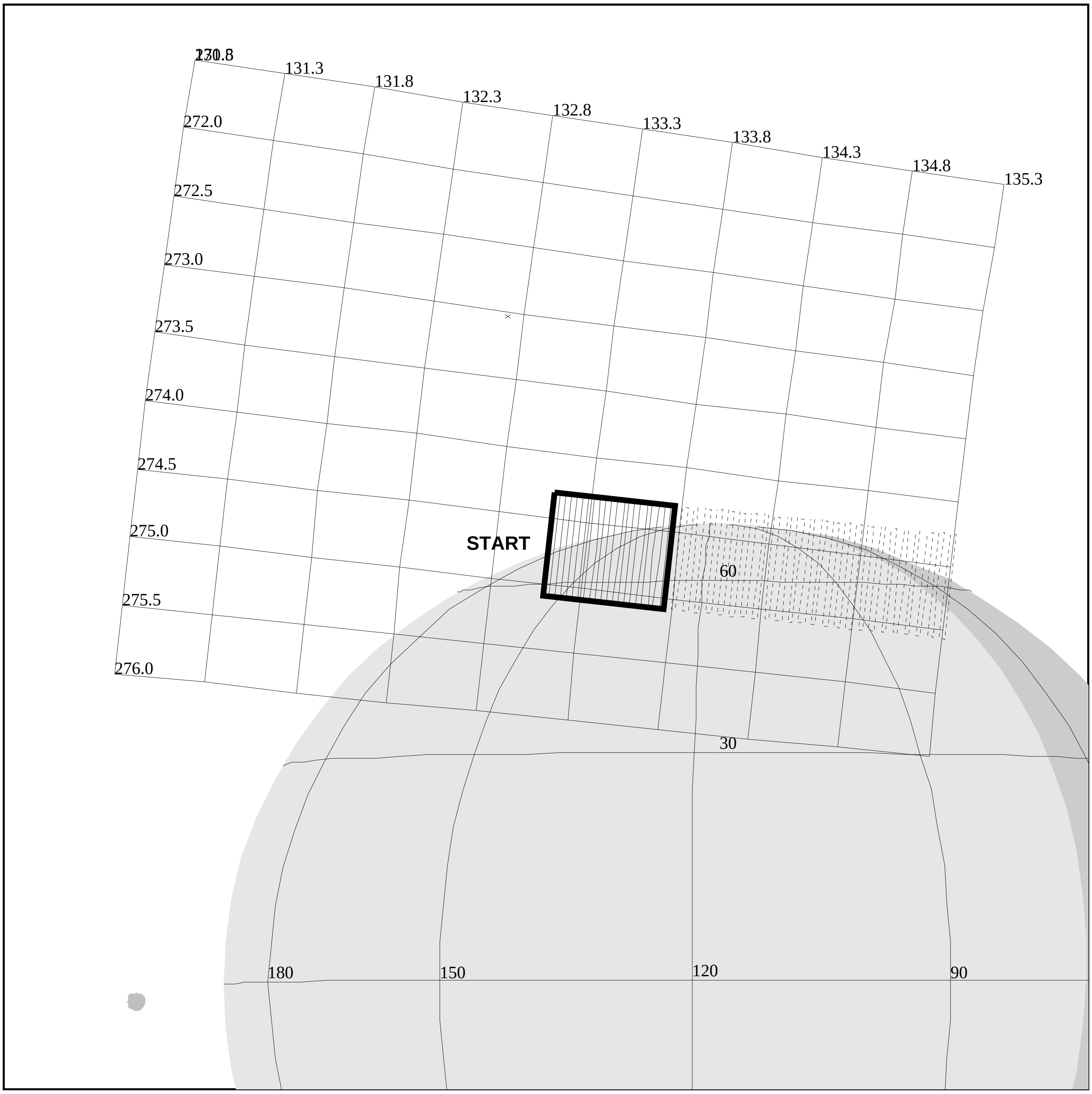
Design Detail

R/T Enc BTG=0.08 MB, BDT
Limbscan

Mirror Blocked (11011,11011) (1B,1B)

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form   05/31/00 00:00:00   rev 6/95



165DT:TT= 0 TMC= 1 C= -20.00 XC= -40.00 BS= 0/4544 TC= 3
A= 728 pD= 1820 SR=17.450 RA50= 92.74 DEC50= 28.27 cone=133.08 clock=274.73
117DT:#SB= 1 OR= 0.060 RR=12.000 BM=F RC= 1 BS= 0/4544
1:#s= 1 Cs= 36.00 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1820 rD= 2

28JNAURORA01

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNAURORA01

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 1797:00:0

OBSERVATION:28JNAURORA01

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 1820 S= 0.900

DESCRIP:JUPITER_NORTHERN_AURORA_MAPPING

Jupiter Northern Aurora Mapping 01		ACTIVITY ID:	28JNAURORA01-
		START TIME:	00-143/11:05:42.933

Activity ID: Orbit 28 Target J Inst N OAPEL AURORA SeqNo 01 -

Title	Jupiter Northerm Aurora Mapping 01			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week	21

Start	JEE+CDS 00001793:00:0	00-143/11:05:42.933	JEE+001/06:12:55.333
End	JEE+CDS 00001807:00:0	00-143/11:19:52.267	JEE+001/06:27:04.667
Duration	00000014:00:0	000/00:14:09.334	000/00:14:09.334

Top Label	28JNAURORA01-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Northern Aurora Mapping, 10 minute samples done at 1 hour intervals.

Data Returned

Design Detail

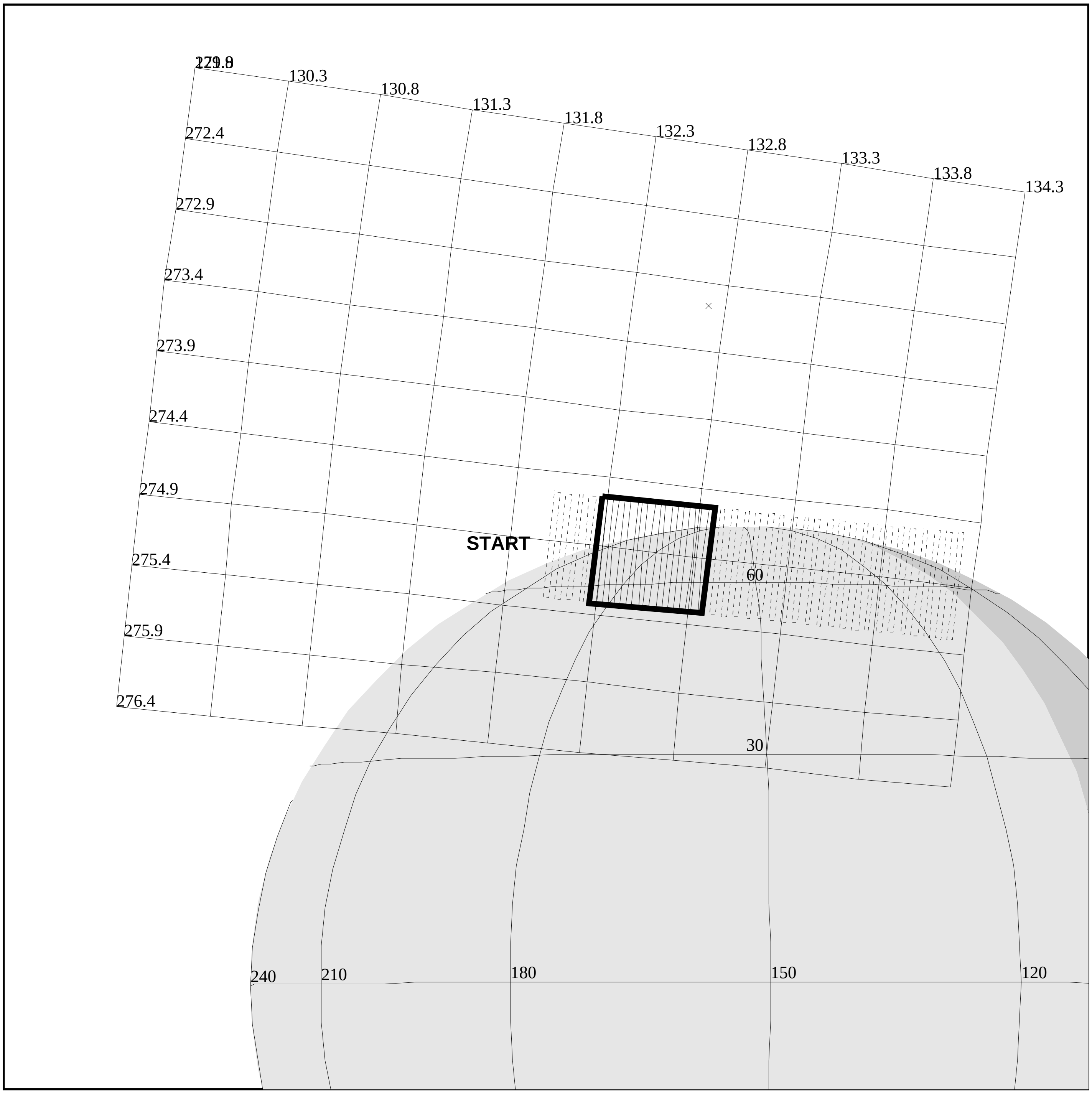
BTG=0.48 MB, TICS=143, FMT=MPW
Long Map, Nyquist Sampling

Due to the loss of the LPU record mode, only part of the scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, JLM442, JLM360

Galileo Activity Plan Form   05/31/00 00:00:00   rev 6/95



165DV:TT= 0 TMC= 1 C= -22.00 XC= -39.00 BS= 0/5464 TC= 3
A= 728 pD= 1820 SR=17.450 RA50= 93.97 DEC50= 28.19 cone=132.00 clock=274.94
117DV:#SB= 1 OR= 0.060 RR=12.000 BM=F RC= 1 BS= 0/5464
1:#s= 1 Cs= 36.00 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1820 rD= 2

28JNAURORA02

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNAURORA02

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 1857:00:0

OBSERVATION:28JNAURORA02

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 1820 S= 0.900

DESCRIP:JUPITER_NORTHERN_AURORA_MAPPING

Jupiter Northern Aurora Mapping 02	ACTIVITY ID:	28JNAURORA02-
	START TIME:	00-143/12:06:22.933

Activity ID: Orbit 28 Target J Inst N OAPEL AURORA SeqNo 02 -

Title	Jupiter Northerm Aurora Mapping 02			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/22/00 Week 21

Start	JEE+CDS 00001853:00:0	00-143/12:06:22.933	JEE+001/07:13:35.333
End	JEE+CDS 00001867:00:0	00-143/12:20:32.267	JEE+001/07:27:44.667
Duration	00000014:00:0	000/00:14:09.334	000/00:14:09.334

Top Label 28JNAURORA02-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Northern Aurora Mapping, 10 minute samples done at 1 hour intervals.

Data Returned

Design Detail

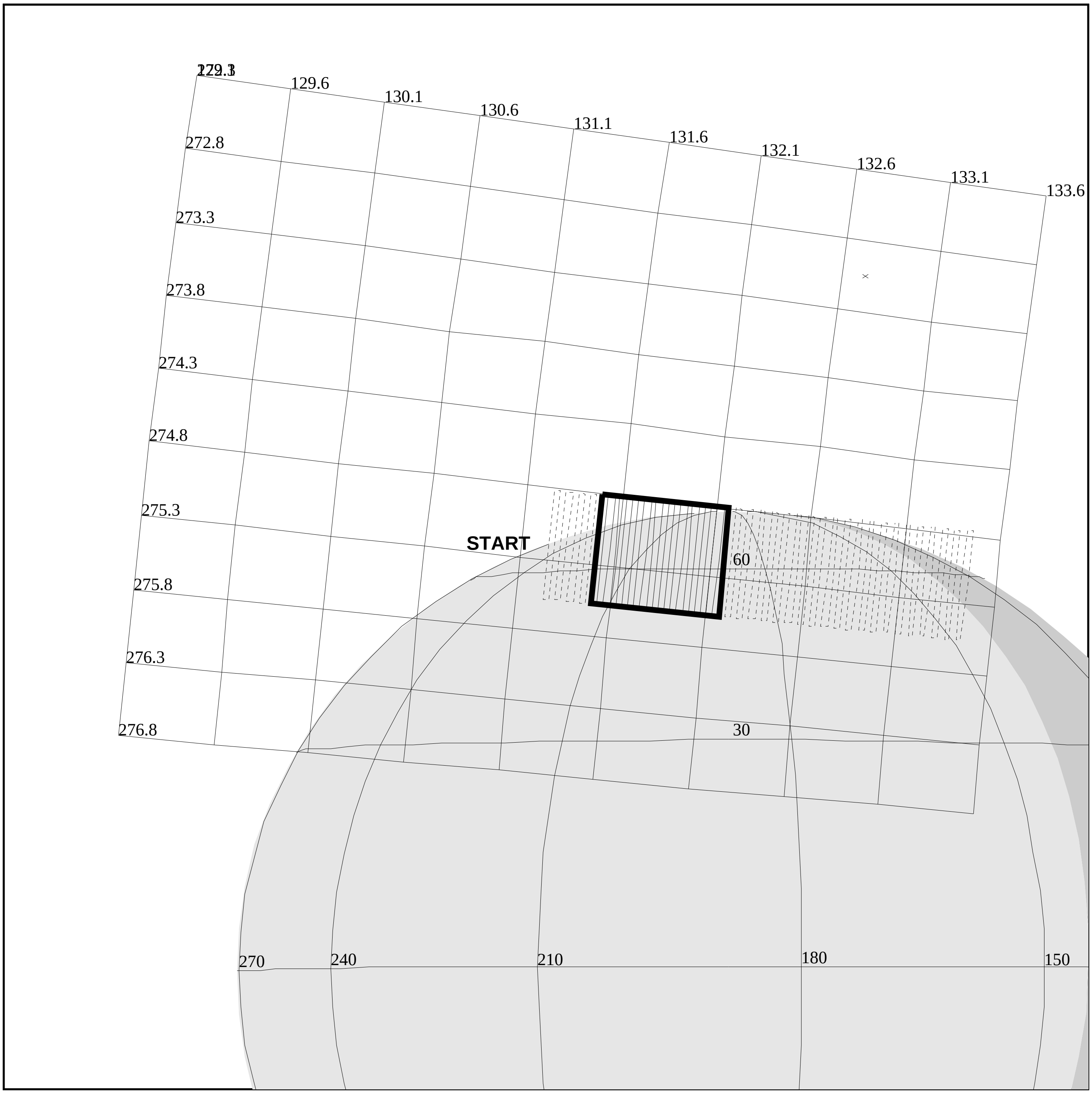
BTG=0.48 MB, TICS=143, FMT=MPW
Long Map, Nyquist Sampling

Due to the loss of the LPU record mode, only part of the scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, JLM442, JLM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DW:TT= 0 TMC= 1 C= -20.00 XC= -37.00 BS= 0/6202 TC= 3
A= 728 pD= 1820 SR=17.450 RA50= 94.88 DEC50= 28.03 cone=131.21 clock=275.21
117DW:#SB= 1 OR= 0.060 RR=12.000 BM=F RC= 1 BS= 0/6202
1:#s= 1 Cs= 36.00 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1820 rD= 2

28JNAURORA03

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNAURORA03

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS: **THINNING:NIM 2**

START:JEE 00-142/04:52:47.600 +CDS 1916:00:0 **BODY PLOT TIME:TARGET-TIME D= 1820 S= 0.900**

OBSERVATION:28JNAURORA03 **DESCRIP:JUPITER_NORTHERN_AURORA_MAPPING**

Jupiter Northern Aurora Mapping 03		ACTIVITY ID:	28JNAURORA03-
		START TIME:	00-143/13:06:02.267

Activity ID: Orbit 28 Target J Inst N OAPEL AURORA SeqNo 03 -

Title	Jupiter Northerm Aurora Mapping 03			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week 21

Start	JEE+CDS 00001912:00:0	00-143/13:06:02.267	JEE+001/08:13:14.667
End	JEE+CDS 00001926:00:0	00-143/13:20:11.600	JEE+001/08:27:24.000
Duration	00000014:00:0	000/00:14:09.333	000/00:14:09.334

Top Label	28JNAURORA03-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Northern Aurora Mapping, 10 minute samples done at 1 hour intervals.

Data Returned

Design Detail

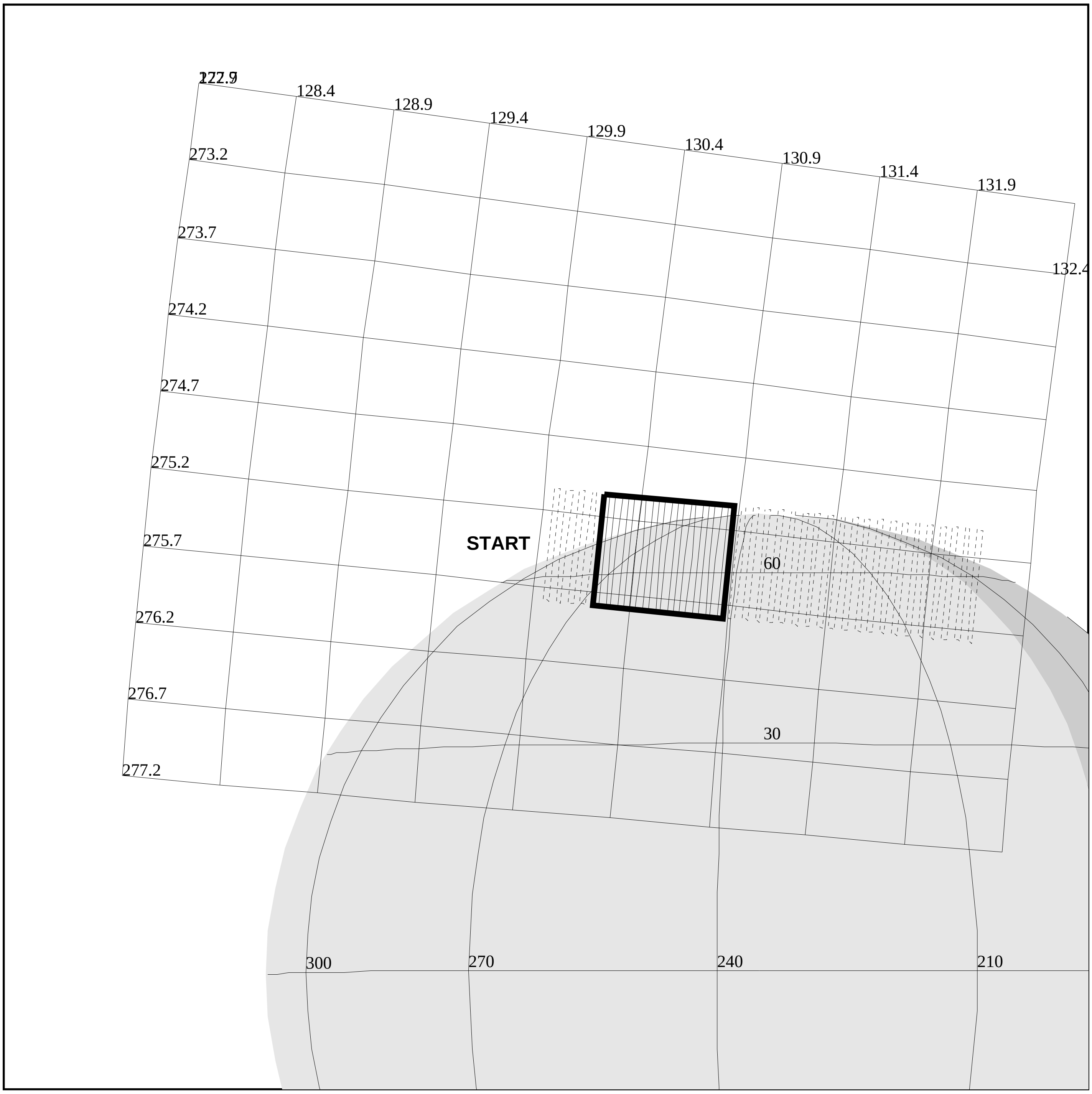
BTG=0.48 MB, TICS=143, FMT=MPW
Long Map, Nyquist Sampling

Due to the loss of the LPU record mode, only part of the scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, JLM442, JLM360

Galileo Activity Plan Form   05/31/00 00:00:00   rev 6/95



165DY:TT= 0 TMC= 1 C= -22.00 XC= -36.00 BS= 0/0580 TC= 3
A= 728 pD= 1820 SR=17.450 RA50= 96.31 DEC50= 27.93 cone=129.95 clock=275.43
117DY:#SB= 1 OR= 0.060 RR=12.000 BM=F RC= 1 BS= 0/0580
1:#s= 1 Cs= 36.00 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1820 rD= 2

28JNAURORA04

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNAURORA04

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 1995:00:0

OBSERVATION:28JNAURORA04

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 1820 S= 0.900

DESCRIP:JUPITER_NORTHERN_AURORA_MAPPING

Jupiter Northern Aurora Mapping 04	ACTIVITY ID: 28JNAURORA04- START TIME: 00-143/14:25:54.933

Activity ID: Orbit 28 Target J Inst N OAPEL AURORA SeqNo 04 -

Title	Jupiter Northerm Aurora Mapping 04	Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA Team NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/22/00 Week 21

Start	JEE+CDS 00001991:00:0	00-143/14:25:54.933	JEE+001/09:33:07.333
End	JEE+CDS 00002005:00:0	00-143/14:40:04.267	JEE+001/09:47:16.667
Duration	00000014:00:0	000/00:14:09.334	000/00:14:09.334

Top Label 28JNAURORA04-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Northern Aurora Mapping, 10 minute samples done at 1 hour intervals.

Data Returned

Design Detail

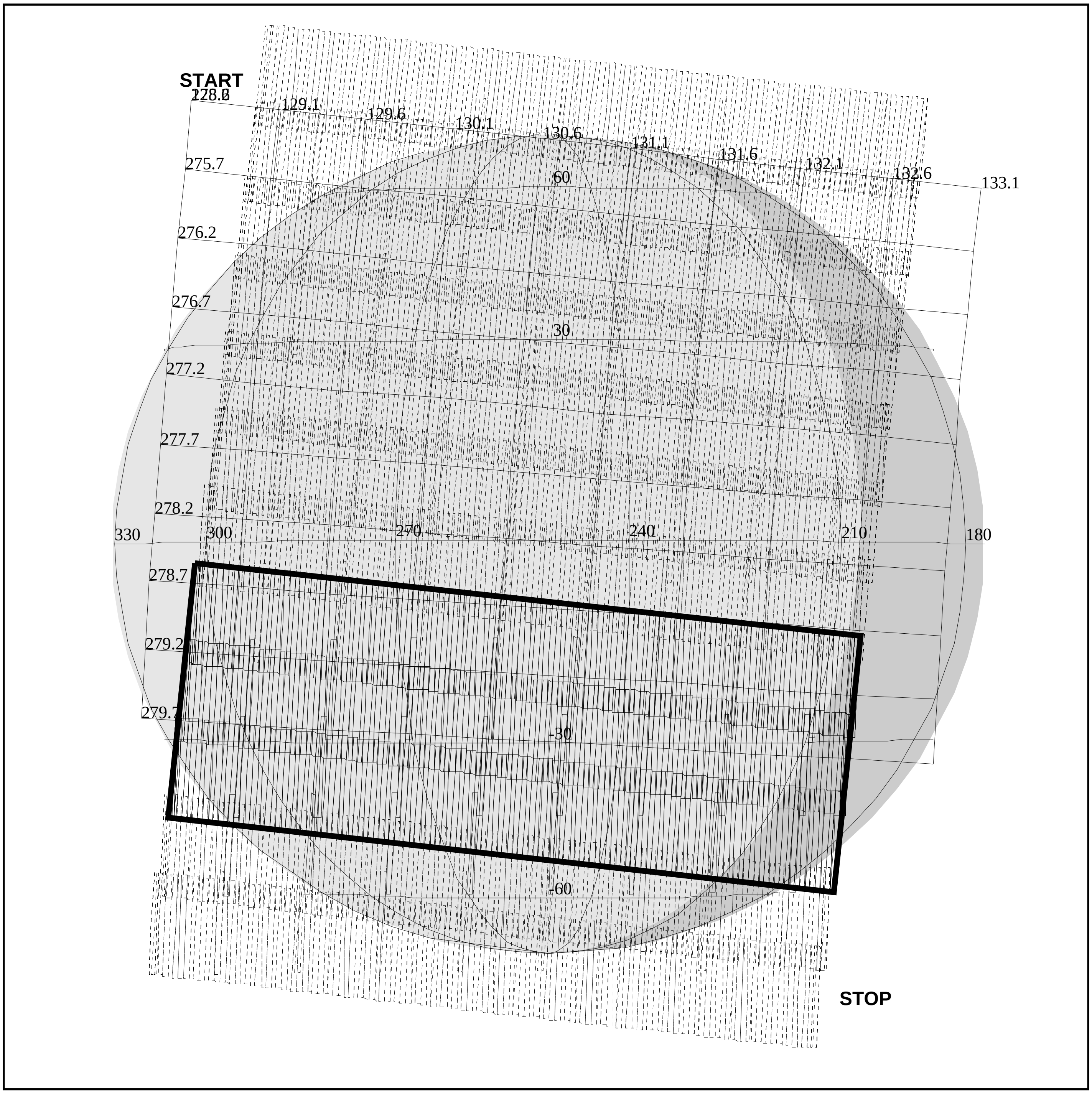
BTG=0.48 MB, TICS=143, FMT=MPW
Long Map, Nyquist Sampling

Due to the loss of the LPU record mode, only part of the scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, JLM442, JLM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165DZ:TT= 0 TMC= 1 C= -32.50 XC= -43.00 BS= 0/5130 TC= 3
A= 728 pD= 3640 SR=17.450 RA50= 97.37 DEC50= 28.35 cone=129.00 clock=274.95
117DZ:#SB= 1 OR= 0.760 RR=12.000 BM=F RC= 1 BS= 0/5130
1:#s= 12 Cs= 65.00 XCs= 0.00 Cr= -65.50 XCr= 7.70 sD= 270 rD= 30

28JNGLOBAL01

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNGLOBAL01

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 2020:00:0

OBSERVATION:28JNGLOBAL01

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 3640 S= 0.800

DESCRIP:JUPITER_GLOBAL_OBSERVATION

Jupiter Global Observation 01	ACTIVITY ID:	28JNGLOBAL01-
	START TIME:	00-143/14:51:11.600

Activity ID: Orbit 28 Target J Inst N OAPEL GLOBAL SeqNo 01 -

Title	Jupiter Global Observation 01			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week 21

Start	JEE+CDS 00002016:00:0	00-143/14:51:11.600	JEE+001/09:58:24.333
End	JEE+CDS 00002040:00:0	00-143/15:15:27.600	JEE+001/10:22:40.000
Duration	00000024:00:0	000/00:24:16.000	000/00:24:16.000

Top Label   28JNGLOBAL01-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

First of three full-disk maps.
This mosaic covers 210 to 300 degrees West longitude at the equator.

Data Returned

Design Detail

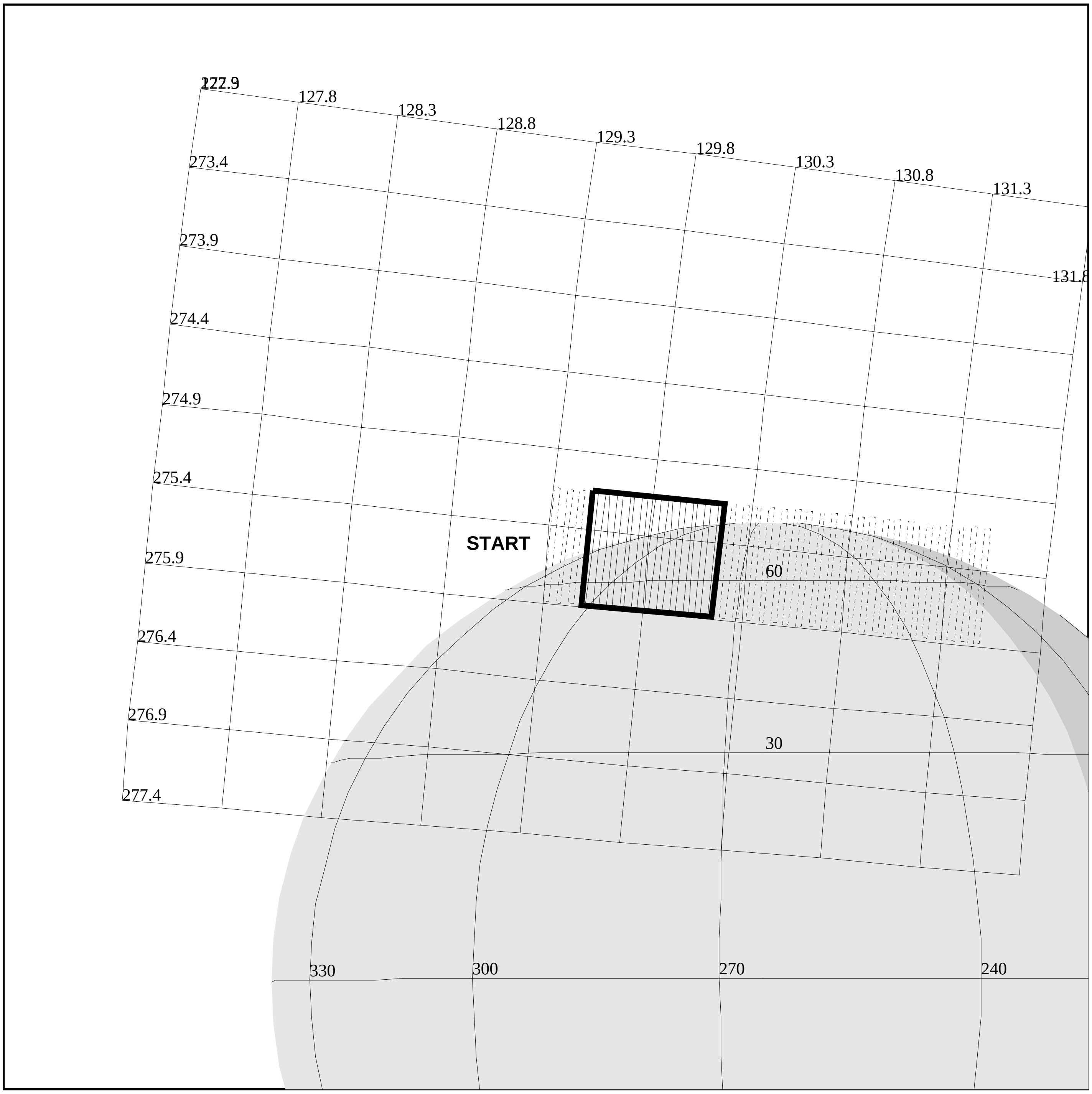
BTG=5.00 MB, TICS=283, FMT=MPW
Fixed Map, Nyquist Sampling

Due to the loss of the LPU record mode, only the southern half of the mosaic is actually recorded. The GRS and White Oval latitudes are observed.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Map (XM), Gain 2, Grating Start 0, MPW, JXM17, JXM15

Galileo Activity Plan Form   05/31/00 00:00:00   rev 6/95



165KA:TT=   0 TMC= 1 C= -22.00 XC= -36.00 BS= 0/9680 TC= 3
A= 728 pD= 1820 SR=17.450 RA50= 97.10 DEC50= 27.89 cone=129.26 clock=275.52
117KA:#SB= 1 OR= 0.060 RR=12.000 BM=F RC= 1 BS= 0/9680
1:#s= 1 Cs=   36.00 XCs=   0.00 Cr=   0.00 XCr=   0.00 sD= 1820 rD=   2

28JNAURORA05

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNAURORA05

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600   +CDS 2045:00:0

OBSERVATION:28JNAURORA05

THINNING:NIM   2

BODY PLOT TIME:TARGET-TIME D= 1820 S= 0.900

DESCRIP:JUPITER_NORTHERN_AURORA_MAPPING

Jupiter Northern Aurora Mapping 05	ACTIVITY ID:	28JNAURORA05-
	START TIME:	00-143/15:16:28.267

Activity ID: Orbit 28 Target J Inst N OAPEL AURORA SeqNo 05 -

Title	Jupiter Northerm Aurora Mapping 05		Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00 Week 21

Start	JEE+CDS 00002041:00:0	00-143/15:16:28.267	JEE+001/10:23:40.667
End	JEE+CDS 00002055:00:0	00-143/15:30:37.600	JEE+001/10:37:50.000
Duration	00000014:00:0	000/00:14:09.333	000/00:14:09.333

Top Label   28JNAURORA05-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Northern Aurora Mapping, 10 minute samples done at 1 hour intervals.

Data Returned

Design Detail

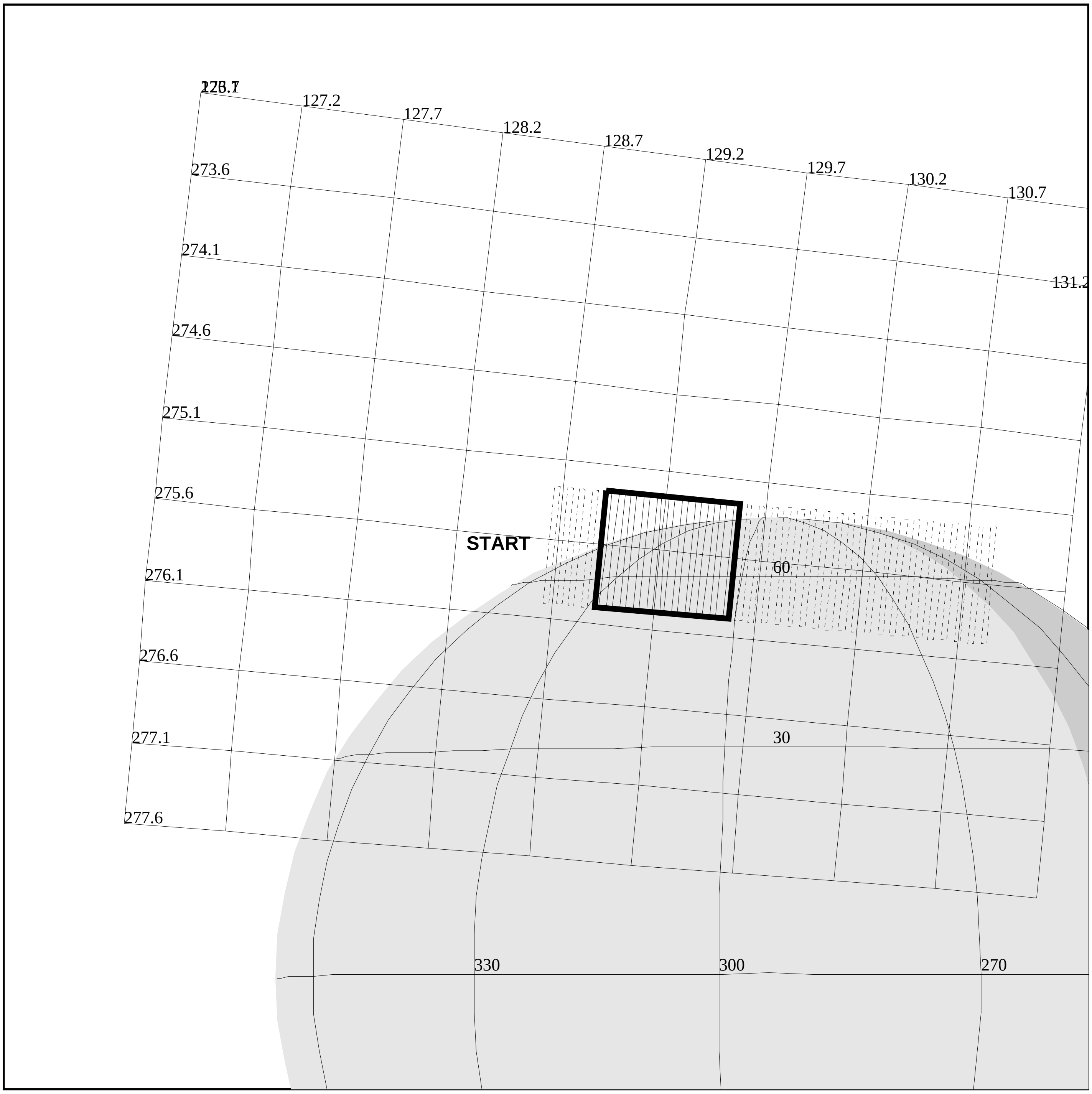
BTG=0.48 MB, TICS=143, FMT=MPW
Long Map, Nyquist Sampling

Due to the loss of the LPU record mode, only part of the scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, JLM442, JLM360

Galileo Activity Plan Form   05/31/00 00:00:00   rev 6/95



165KB:TT= 0 TMC= 1 C= -22.00 XC= -35.00 BS= 0/8598 TC= 3
A= 728 pD= 1820 SR=17.450 RA50= 97.84 DEC50= 27.80 cone=128.61 clock=275.67
117KB:#SB= 1 OR= 0.060 RR=12.000 BM=F RC= 1 BS= 0/8598
1:#s= 1 Cs= 36.00 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1820 rD= 2

28JNAURORA06

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNAURORA06

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 2094:00:0

OBSERVATION:28JNAURORA06

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 1820 S= 0.900

DESCRIP:JUPITER_NORTHERN_AURORA_MAPPING

Jupiter Northern Aurora Mapping 06		ACTIVITY ID:	28JNAURORA06-
		START TIME:	00-143/16:06:00.934

Activity ID: Orbit 28 Target J Inst N OAPEL AURORA SeqNo 06 -

Title	Jupiter Northerm Aurora Mapping 06		Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week 21

Start	JEE+CDS 00002090:00:0	00-143/16:06:00.934	JEE+001/11:13:13.334
End	JEE+CDS 00002104:00:0	00-143/16:20:10.267	JEE+001/11:27:22.667
Duration	00000014:00:0	000/00:14:09.333	000/00:14:09.333

Top Label	28JNAURORA06-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Northern Aurora Mapping, 10 minute samples done at 1 hour intervals.

Data Returned

Design Detail

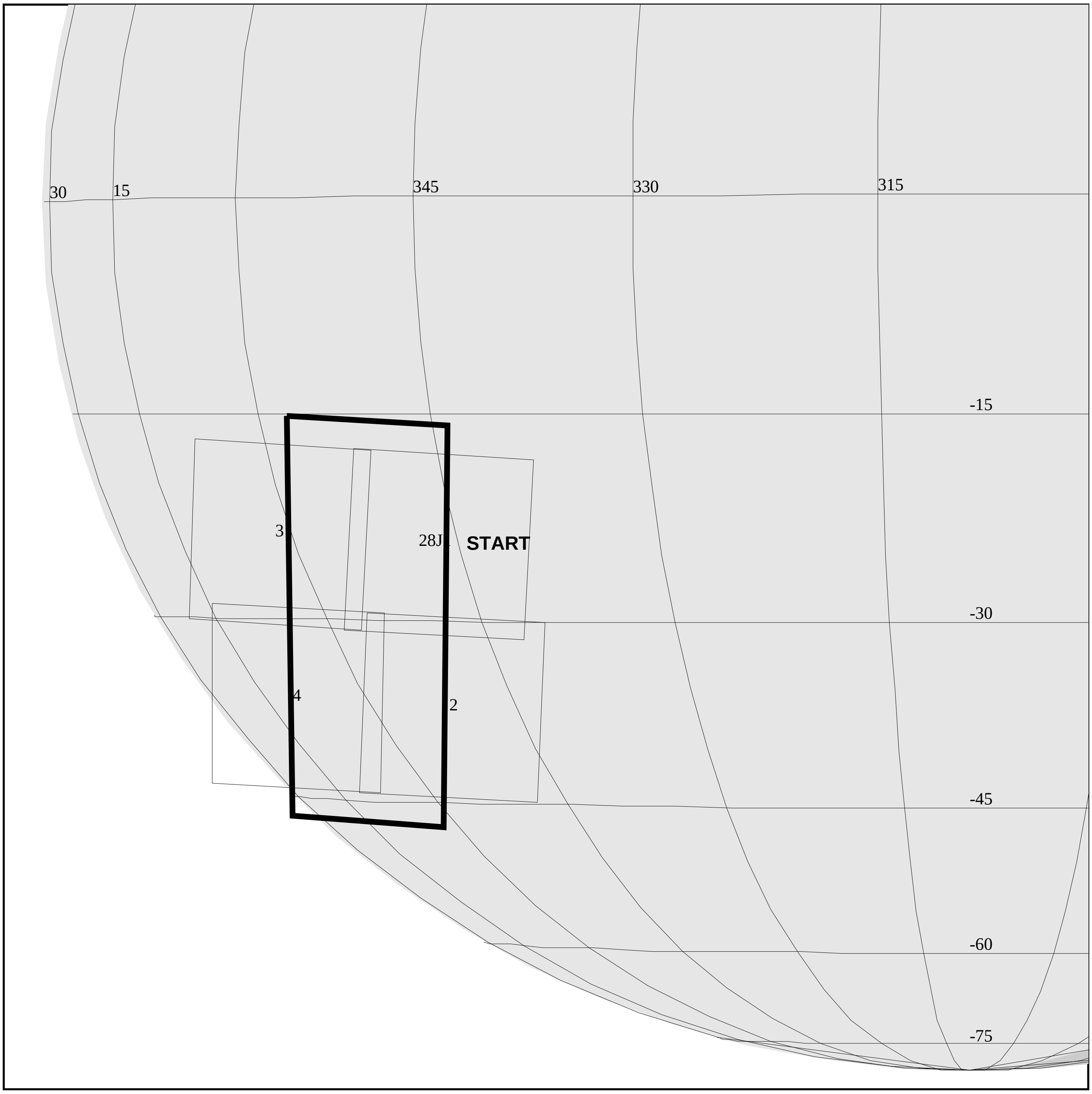
BTG=0.48 MB, TICS=143, FMT=MPW
Long Map, Nyquist Sampling

Due to the loss of the LPU record mode, only part of the scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, JLM442, JLM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165IM:TT= 0 TMC= 1 C= 3.65 XC= -3.65 BS= 0/3148 TC= 1(-30.0 357.0)
A= 364 pD= 568 SR=17.450 RA50= 98.28 DEC50= 24.75 cone=128.23 clock=279.56
118IM:#SB= 1 Cs= 1.00 XCs= 7.31 TPP= 182 SR= 2.000 RR= 2.000 BM=F RC= 1 BS=11/3148
1:#s= 2 #p= 2 Cr= -8.31 XCr= -7.31

28JNFEATRK01

DESIGN G3.2 herb : 3/30/2000 10:23:37

ALIAS: 28JSFEATRK01

FILE:P.28JSFEATRK01

CENTRAL BODY:JUPITER III

MINI:m.28JSFEATRK01

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:

START:JEE 00-142/04:52:47.600 +CDS 2119:00:0

BODY PLOT TIME:TARGET-TIME D= 568 S= 1.700

OBSERVATION:28JSFEATRK01

DESCRIP:FEATURE TRACK

Jupiter Feature Track		ACTIVITY ID:	28JNFEATRK01-
		START TIME:	00-143/16:33:18.934

Activity ID: Orbit 28 Target J Inst N OAPEL FEATRK SeqNo 01 -

Title	Jupiter Feature Track			Instrument	NIMS
Requestor	SSI	Team	NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/22/00 Week 20

Start	JEE+CDS	00002117:00:0	00-143/16:33:18.934	JEE+001/11:40:31.334
End	JEE+CDS	00002123:00:0	00-143/16:39:22.934	JEE+001/11:46:35.334
Duration		00000006:00:0	000/00:06:04.000	000/00:00:04.000

Top Label 28JNFEATRK01-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Feature track of Great Red Spot at high spatial and temporal resolution; observe long-term temporal change in the four years since G1.

ride-along behind SSI.

Data Returned

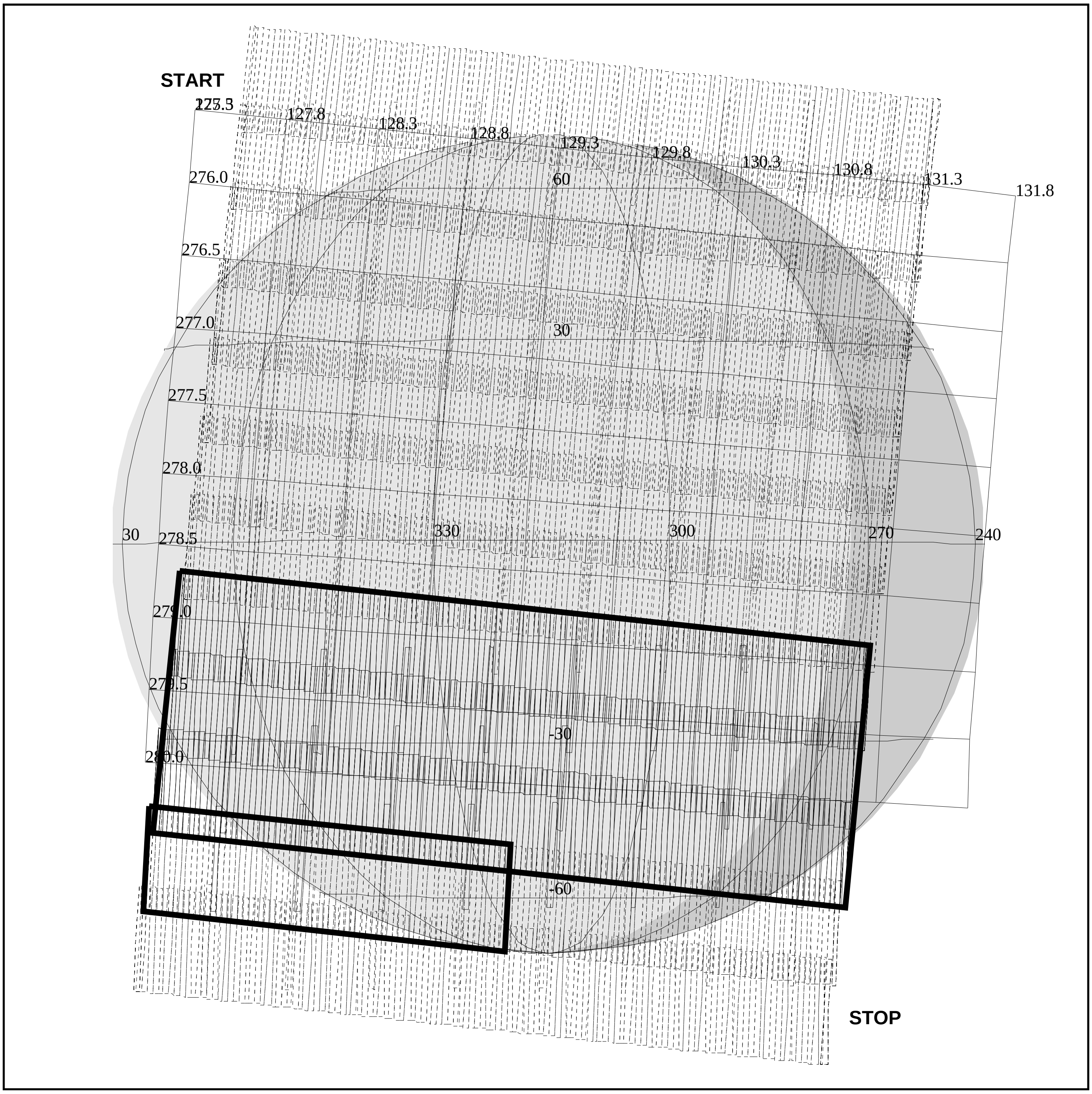
Design Detail

Alias: 28JSFEATRK01

2x2 mosaic at latitude -15 to -45, West longitude 345 to 10.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, HIM, JLM442, JLM360



165KC:TT= 0 TMC= 1 C= -32.50 XC= -41.00 BS= 0/4968 TC= 3
A= 728 pD= 0 SR=17.450 RA50= 99.03 DEC50= 28.13 cone=127.55 clock=275.28
117KC:#SB= 1 OR= 0.760 RR=12.000 BM=F RC= 1 BS= 0/4968
1:#s= 12 Cs= 65.00 XCs= 0.00 Cr= -65.50 XCr= 7.50 sD= 270 rD= 30

28JNGLOBAL02

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNGLOBAL02

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS: **THINNING:NIM 2**

START:JEE 00-142/04:52:47.600 +CDS 2129:00:0 **BODY PLOT TIME:TARGET-TIME D= 0 S= 0.800**

OBSERVATION:28JNGLOBAL02 **DESCRIP:JUPITER_GLOBAL_OBSERVATION**

Jupiter Global Observation 02	ACTIVITY ID: 28JNGLOBAL02- START TIME: 00-143/16:41:24.267

Activity ID: Orbit 28 Target J Inst N OAPEL GLOBAL SeqNo 02 -

Title	Jupiter Global Observation 02			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week	21

Start	JEE+CDS 00002125:00:0	00-143/16:41:24.267	JEE+001/11:48:36.667
End	JEE+CDS 00002149:00:0	00-143/17:05:40.267	JEE+001/12:12:52.667
Duration	00000024:00:0	000/00:24:16.000	000/00:24:16.000

Top Label	28JNGLOBAL02-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Second of three full-disk maps.
This mosaic covers 270 to 360 degrees West longitude at the equator.

Data Returned

Design Detail

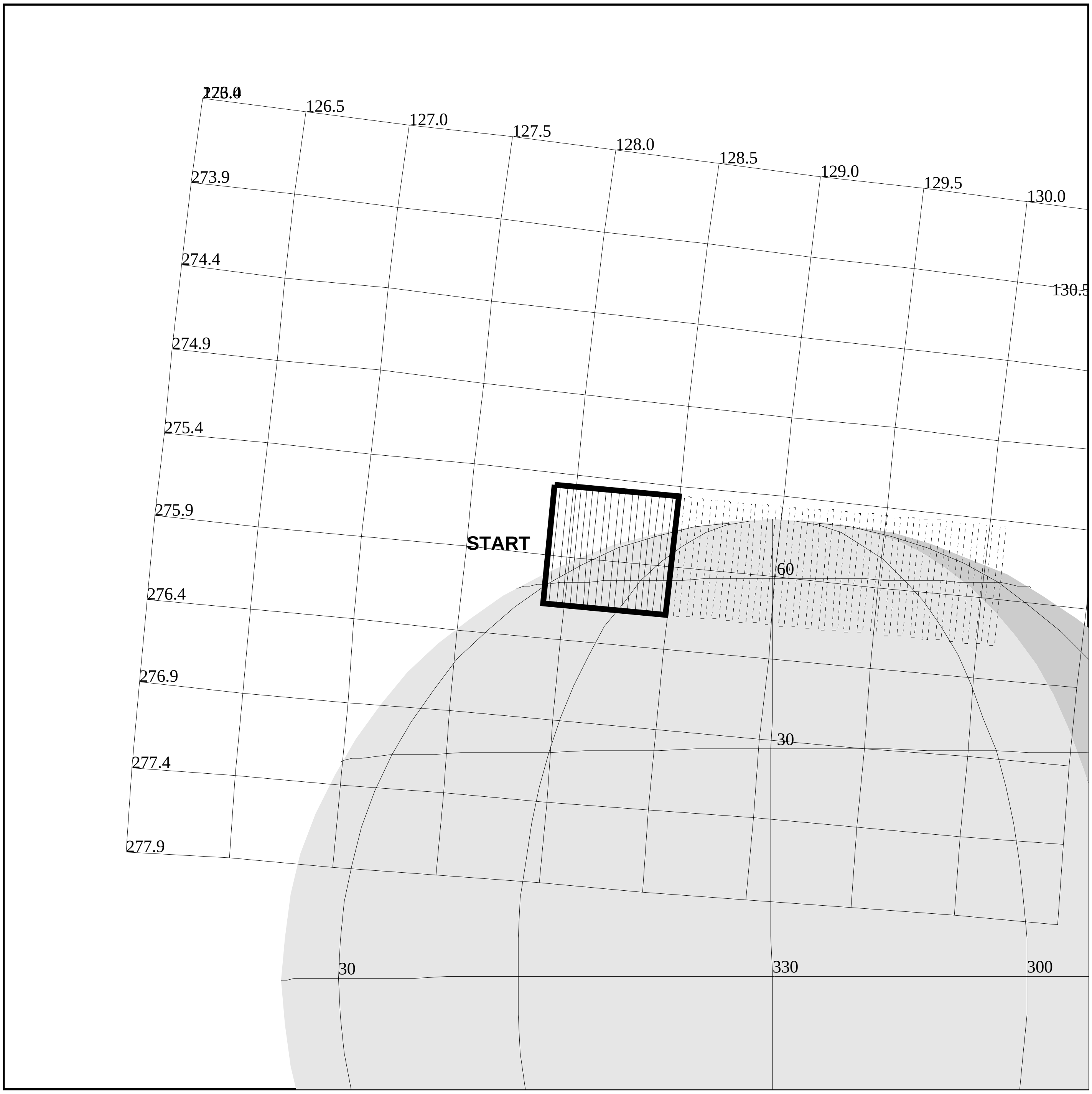
BTG=5.00 MB, TICS=283, FMT=MPW
Fixed Map, Nyquist Sampling

Due to the loss of the LPU record mode, only the southern half of the mosaic is actually recorded. The GRS and White Oval latitudes are observed.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Map (XM), Gain 2, Grating Start 0, MPW, JXM17, JXM15

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165KD:TT= 0 TMC= 1 C= -22.00 XC= -34.50 BS= 0/9336 TC= 3
A= 728 pD= 1820 SR=17.450 RA50= 98.70 DEC50= 27.72 cone=127.85 clock=275.79
117KD:#SB= 1 OR= 0.060 RR=12.000 BM=F RC= 1 BS= 0/9336
1:#s= 1 Cs= 36.00 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1820 rD= 2

28JNAURORA07

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNAURORA07

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 2153:00:0

OBSERVATION:28JNAURORA07

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 1820 S= 0.900

DESCRIP:JUPITER_NORTHERN_AURORA_MAPPING

Jupiter Northern Aurora Mapping 07 ACTIVITY ID: 28JNAURORA07-
START TIME: 00-143/17:05:40.267

Activity ID: Orbit 28 Target J Inst N OAPEL AURORA SeqNo 07 -

Title	Jupiter Northerm Aurora Mapping 07			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week	21

Start	JEE+CDS 00002149:00:0	00-143/17:05:40.267	JEE+001/12:12:52.667
End	JEE+CDS 00002161:00:0	00-143/17:17:48.267	JEE+001/12:25:00.667
Duration	00000012:00:0	000/00:12:08.000	000/00:12:08.000

Top Label 28JNAURORA07-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Northern Aurora Mapping, 10 minute samples done at 1 hour intervals.

Data Returned

Design Detail

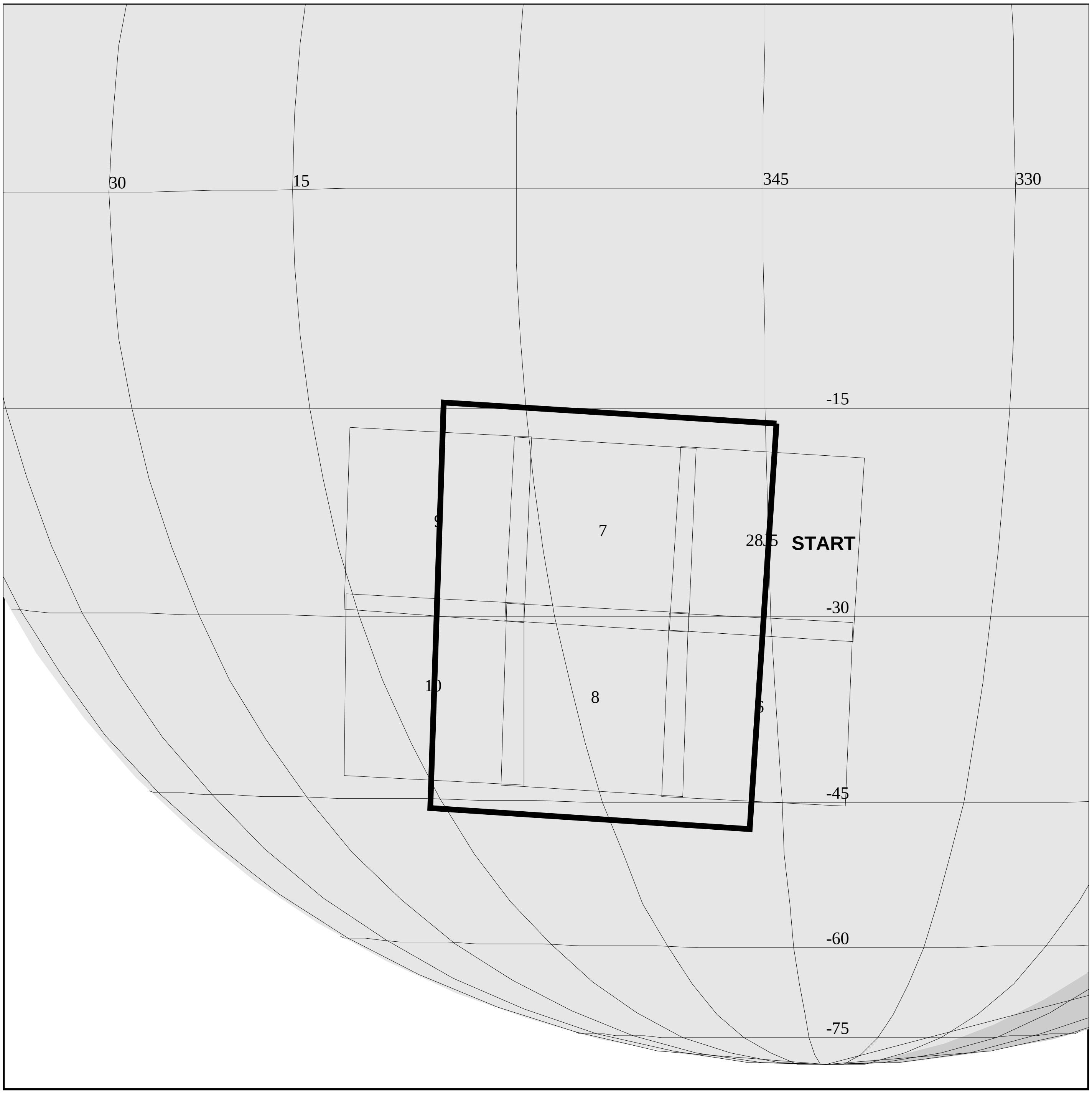
BTG=0.48 MB, TICS=143, FMT=MPW
Long Map, Nyquist Sampling

Due to the loss of the LPU record mode, only part of the scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, JLM442, JLM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165IN:TT= 0 TMC= 1 C= 7.31 XC= -3.65 BS= 0/2794 TC= 1(-30.0 357.0)
A= 364 pD= 932 SR=17.450 RA50= 97.68 DEC50= 24.80 cone=128.78 clock=279.50
118IN:#SB= 1 Cs= 0.00 XCs= 7.31 TPP= 182 SR= 3.700 RR= 4.000 BM=F RC= 1 BS=11/2794
1:#s= 2 #p= 3 Cr= -7.31 XCr= -7.31

28JNFEATRK02

DESIGN G3.2 herb : 3/30/2000 10:24: 1

ALIAS: 28JSFEATRK02

FILE:P.28JSFEATRK02

CENTRAL BODY:JUPITER III

MINI:m.28JSFEATRK02

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:

START:JEE 00-142/04:52:47.600 +CDS 2172:00:0

BODY PLOT TIME:TARGET-TIME D= 932 S= 1.700

OBSERVATION:28JSFEATRK02

DESCRIP:FEATURE TRACK

Jupiter Feature Track	ACTIVITY ID: 28JNFEATRK02- START TIME: 00-143/17:26:54.267

Activity ID: Orbit 28 Target J Inst N OAPEL FEATRK SeqNo 02 -

Title	Jupiter Feature Track			Instrument	NIMS
Requestor	SSI	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week 20

Start	JEE+CDS	00002170:00:0	00-143/17:26:54.267	JEE+001/12:34:06.667
End	JEE+CDS	00002178:00:0	00-143/17:34:59.600	JEE+001/12:42:12.000
Duration		00000008:00:0	000/00:08:05.333	000/00:08:05.333

Top Label 28JNFEATRK02-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Feature track of Great Red Spot at high spatial and temporal resolution; observe long-term temporal change in the four years since G1.

ride-along behind SSI.

Data Returned

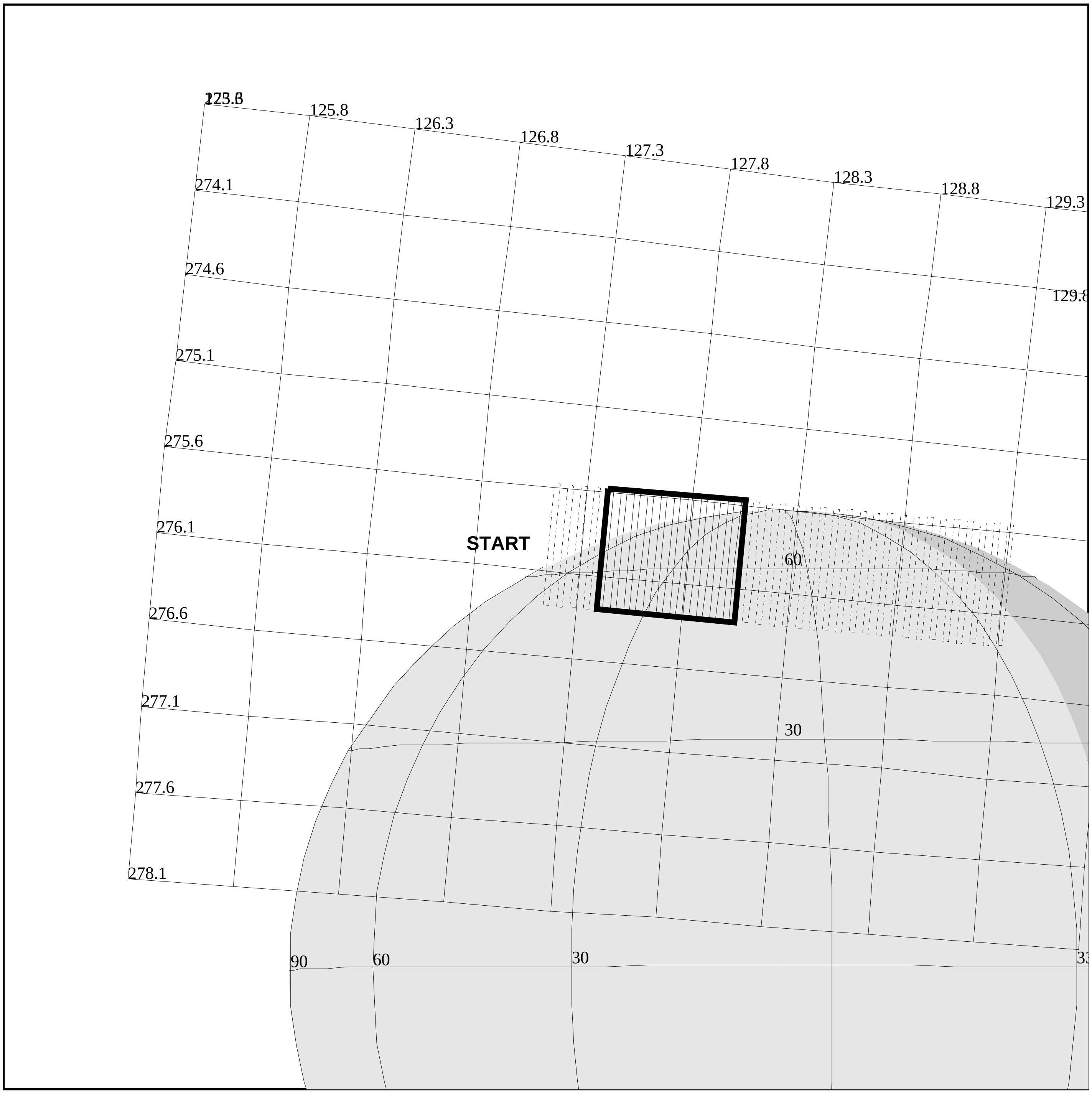
Design Detail

Alias: 28JSFEATRK02

2x3 mosaic at latitude -15 to -45, West longitude 345 to 10.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, HIM, JLM442, JLM360



165KE:TT=   0 TMC= 1 C= -22.00 XC= -33.00 BS= 0/0256 TC= 3
A= 728 pD= 1820 SR=17.450 RA50= 99.54 DEC50= 27.58 cone=127.11 clock=275.98
117KE:#SB= 1 OR= 0.060 RR=12.000 BM=F RC= 1 BS= 0/0256
1:#s= 1 Cs=   36.00 XCs=   0.00 Cr=   0.00 XCr=   0.00 sD= 1820 rD=   2

28JNAURORA08

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNAURORA08

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600   +CDS 2213:00:0

OBSERVATION:28JNAURORA08

THINNING:NIM   2

BODY PLOT TIME:TARGET-TIME D= 1820 S= 0.900

DESCRIP:JUPITER_NORTHERN_AURORA_MAPPING

Jupiter Northern Aurora Mapping 08	ACTIVITY ID:	28JNAURORA08-
	START TIME:	00-143/18:06:20.267

Activity ID: Orbit 28 Target J Inst N OAPEL AURORA SeqNo 08 -

Title	Jupiter Northerm Aurora Mapping 08		Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00	Week	21

Start	JEE+CDS 00002209:00:0	00-143/18:06:20.267	JEE+001/13:13:32.667
End	JEE+CDS 00002223:00:0	00-143/18:20:29.600	JEE+001/13:27:42.000
Duration	00000014:00:0	000/00:14:09.333	000/00:14:09.333

Top Label 28JNAURORA08-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Northern Aurora Mapping, 10 minute samples done at 1 hour intervals.

Data Returned

Design Detail

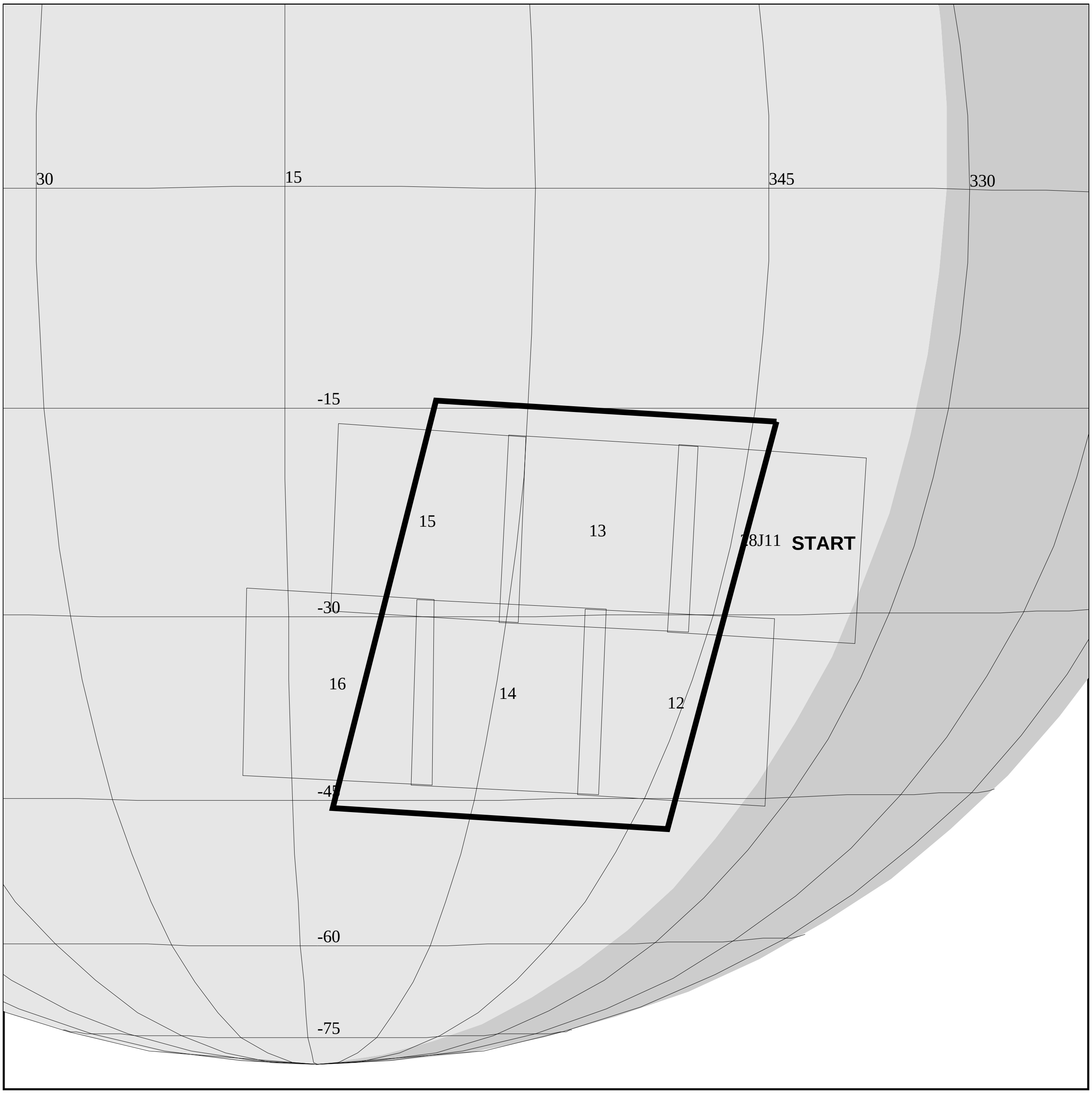
BTG=0.48 MB, TICS=143, FMT=MPW
Long Map, Nyquist Sampling

Due to the loss of the LPU record mode, only part of the scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, JLM442, JLM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165IO:TT= 0 TMC= 1 C= 9.20 XC= -3.65 BS= 0/2440 TC= 1(-30.0 357.0)
A= 302 pD= 932 SR=17.450 RA50= 97.00 DEC50= 24.87 cone=129.40 clock=279.42
118IO:#SB= 1 Cs= -3.60 XCs= 7.31 TPP= 182 SR= 3.700 RR= 4.000 BM=F RC= 1 BS=11/2440
1:#s= 2 #p= 3 Cr= -3.71 XCr= -7.31

28JNFEATRK03

DESIGN G3.2 herb : 3/30/2000 10:24:33

ALIAS: 28JSFEATRK03

FILE:P.28JSFEATRK03

CENTRAL BODY:JUPITER III

MINI:m.28JSFEATRK03

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:

START:JEE 00-142/04:52:47.600 +CDS 2225:00:0

BODY PLOT TIME:TARGET-TIME D= 932 S= 1.700

OBSERVATION:28JSFEATRK03

DESCRIP:FEATURE TRACK

Jupiter Feature Track ACTIVITY ID: 28JNFEATRK03-
START TIME: 00-143/18:20:29.600

Activity ID: Orbit 28 Target J Inst N OAPEL FEATRK SeqNo 03 -

Title	Jupiter Feature Track			Instrument	NIMS
Requestor	SSI	Team	NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/22/00 Week 20

Start	JEE+CDS	00002223:00:0	00-143/18:20:29.600	JEE+001/13:27:42.000
End	JEE+CDS	00002231:00:0	00-143/18:28:34.934	JEE+001/13:35:47.334
Duration		00000008:00:0	000/00:08:05.333	000/00:08:05.333

Top Label 28JNFEATRK03-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Feature track of Great Red Spot at high spatial and temporal resolution; observe long-term temporal change in the four years since G1.

ride-along behind SSI.

Data Returned

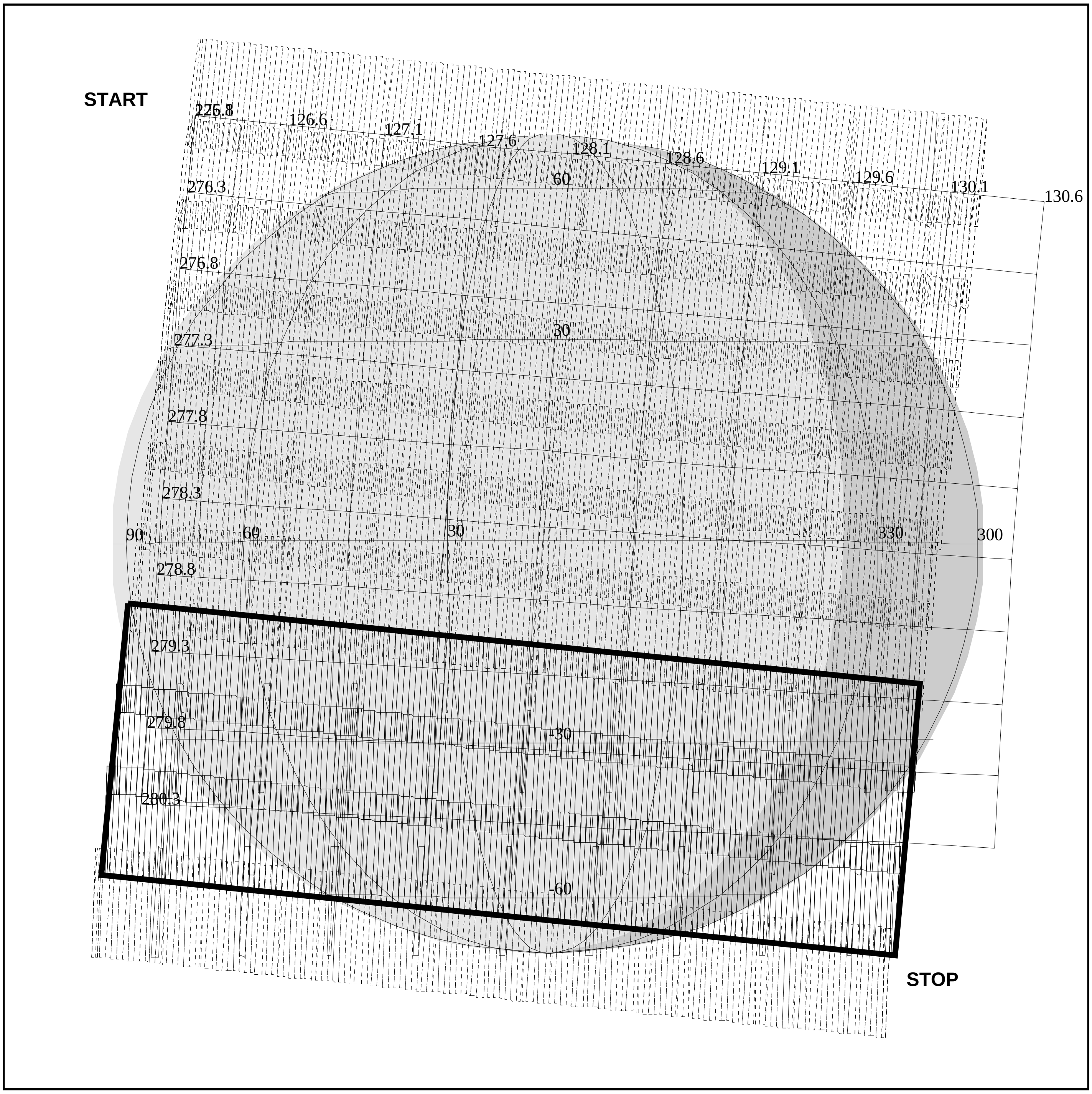
Design Detail

Alias: 28JSFEATRK03

2x3 mosaic at latitude -15 to -45, West longitude 345 to 10.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Safe Mode (XS), Gain 2, Grating Start 0, HIM, JLM17, JLM15
Fixed Map (XM), Gain 2, Grating Start 0, HIM, JLM17, JLM15



165KF:TT= 0 TMC= 1 C= -36.00 XC= -38.00 BS= 0/3714 TC= 3
A= 140 pD= 0 SR=17.450 RA50=100.70 DEC50= 27.86 cone=126.08 clock=275.64
117KF:#SB= 1 OR= 0.760 RR=12.000 BM=F RC= 1 BS= 0/3714
1:#s= 11 Cs= 72.00 XCs= 0.00 Cr= -72.50 XCr= 7.50 sD= 298 rD= 30

28JNGLOBAL03

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNGLOBAL03

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:NIM 2

START:JEE 00-142/04:52:47.600 +CDS 2232:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.800

OBSERVATION:28JNGLOBAL03

DESCRIP:JUPITER_GLOBAL_OBSERVATION

Jupiter Global Observation 03	ACTIVITY ID: 28JNGLOBAL03- START TIME: 00-143/18:21:30.267

Activity ID: Orbit 28 Target J Inst N OAPEL GLOBAL SeqNo 03 -

Title	Jupiter Global Observation 03	Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA Team NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/22/00 Week 21

Start	JEE+CDS 00002224:00:0	00-143/18:21:30.267	JEE+001/13:28:42.667
End	JEE+CDS 00002248:00:0	00-143/18:45:46.267	JEE+001/13:52:58.667
Duration	00000024:00:0	000/00:24:16.000	000/00:24:16.000

Top Label 28JNGLOBAL03-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Third of three full-disk maps.
This mosaic covers 330 to 80 degrees West longitude at the equator.

Data Returned

Design Detail

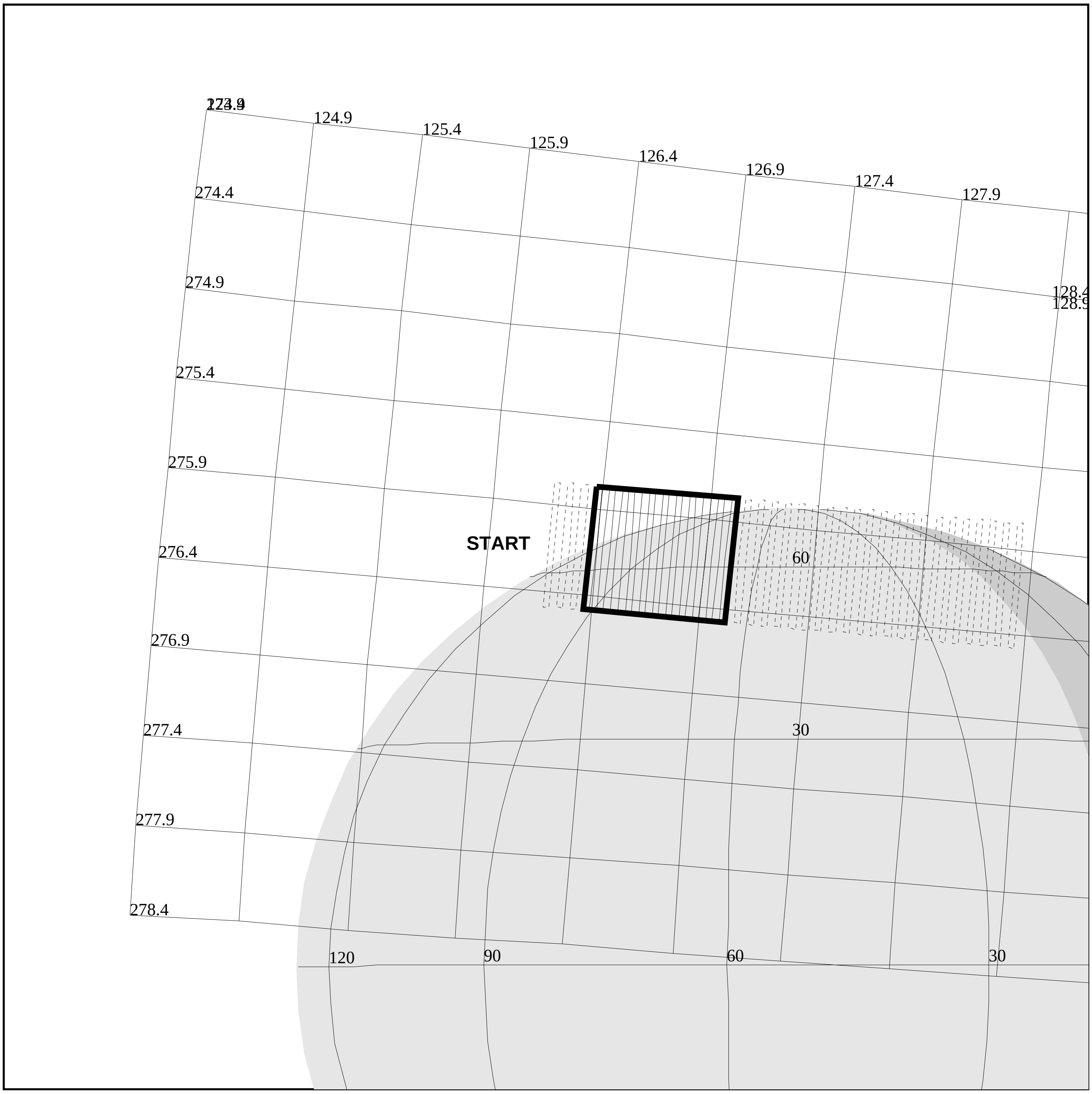
BTG=5.00 MB, TICS=283, FMT=MPW
Fixed Map, Nyquist Sampling

Due to the loss of the LPU record mode, only the southern half of the mosaic is actually recorded. The GRS and White Oval latitudes are observed.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Map (XM), Gain 2, Grating Start 0, MPW, JXM17, JXM15

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165KG:TT= 0 TMC= 1 C= -22.00 XC= -32.00 BS= 0/4634 TC= 3
A= 728 pD= 1820 SR=17.450 RA50=100.59 DEC50= 27.45 cone=126.18 clock=276.15
117KG:#SB= 1 OR= 0.060 RR=12.000 BM=F RC= 1 BS= 0/4634
1:#s= 1 Cs= 36.00 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1820 rD= 2

28JNAURORA09

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNAURORA09

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 2292:00:0

OBSERVATION:28JNAURORA09

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 1820 S= 0.900

DESCRIP:JUPITER_NORTHERN_AURORA_MAPPING

Jupiter Northern Aurora Mapping 09	ACTIVITY ID: 28JNAURORA09- START TIME: 00-143/19:26:12.934

Activity ID: Orbit 28 Target J Inst N OAPEL AURORA SeqNo 09 -

Title	Jupiter Northerm Aurora Mapping 09			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/22/00 Week 21

Start	JEE+CDS 00002288:00:0	00-143/19:26:12.934	JEE+001/14:33:25.334
End	JEE+CDS 00002302:00:0	00-143/19:40:22.267	JEE+001/14:47:34.667
Duration	00000014:00:0	000/00:14:09.333	000/00:14:09.333

Top Label 28JNAURORA09-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Northern Aurora Mapping, 10 minute samples done at 1 hour intervals.

Data Returned

Design Detail

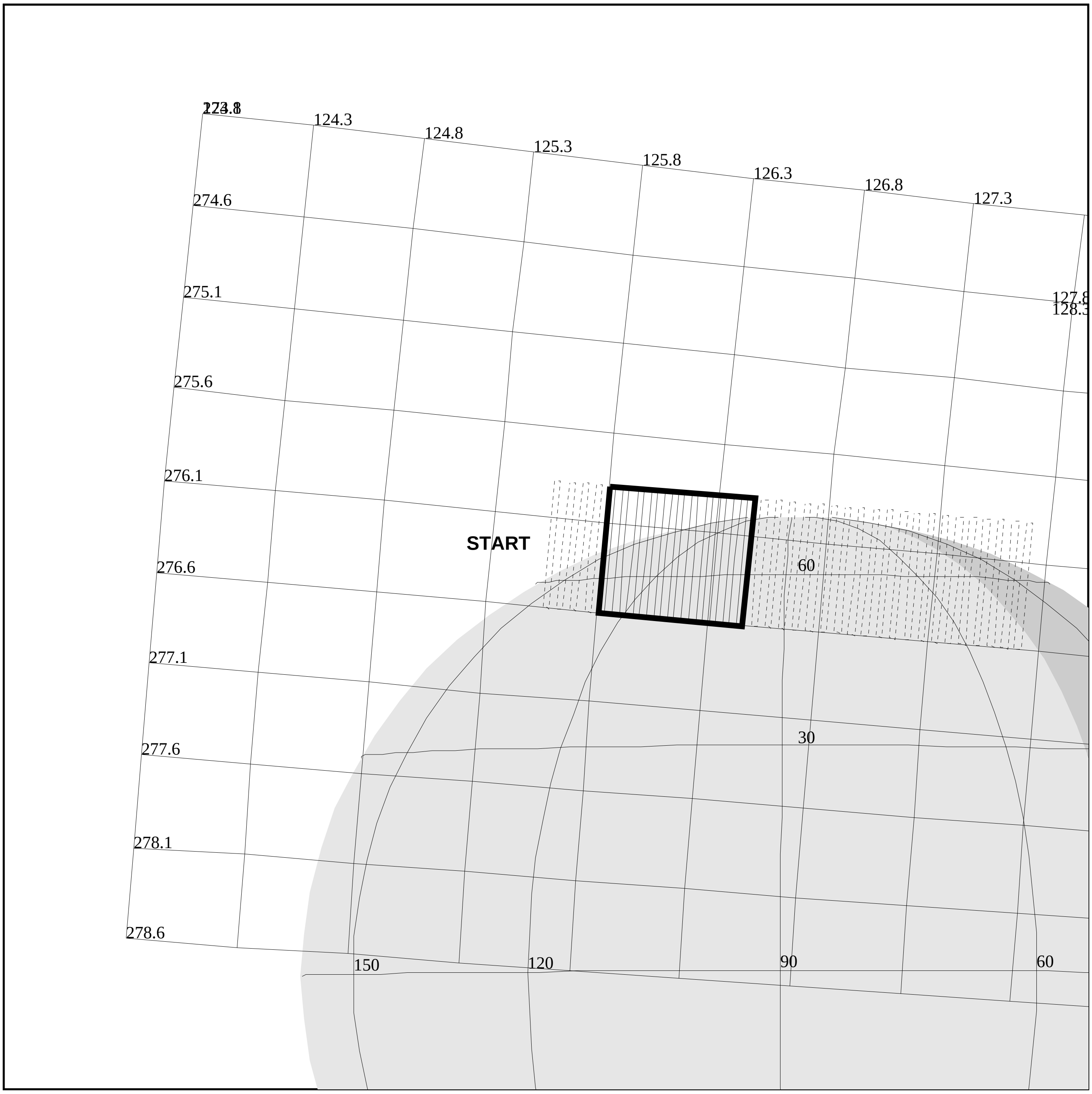
BTG=0.48 MB, TICS=143, FMT=MPW
Long Map, Nyquist Sampling

Due to the loss of the LPU record mode, only part of the scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, JLM442, JLM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165KI:TT= 0 TMC= 1 C= -22.00 XC= -32.00 BS= 0/5372 TC= 3
A= 728 pD= 1820 SR=17.450 RA50=101.34 DEC50= 27.39 cone=125.51 clock=276.22
117KI:#SB= 1 OR= 0.060 RR=12.000 BM=F RC= 1 BS= 0/5372
1:#s= 1 Cs= 36.00 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 1820 rD= 2

28JNAURORA10

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNAURORA10

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 2351:00:0

OBSERVATION:28JNAURORA10

THINNING:NIM 2

BODY PLOT TIME:TARGET-TIME D= 1820 S= 0.900

DESCRIP:JUPITER_NORTHERN_AURORA_MAPPING

Jupiter Northern Aurora Mapping 10	ACTIVITY ID: 28JNAURORA10- START TIME: 00-143/20:25:52.267

Activity ID: Orbit 28 Target J Inst N OAPEL AURORA SeqNo 10 -

Title	Jupiter Northerm Aurora Mapping 10			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/22/00 Week 21

Start	JEE+CDS 00002347:00:0	00-143/20:25:52.267	JEE+001/15:33:04.667
End	JEE+CDS 00002361:00:0	00-143/20:40:01.600	JEE+001/15:47:14.000
Duration	00000014:00:0	000/00:14:09.333	000/00:14:09.333

Top Label 28JNAURORA10-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Northern Aurora Mapping, 10 minute samples done at 1 hour intervals.

Data Returned

Design Detail

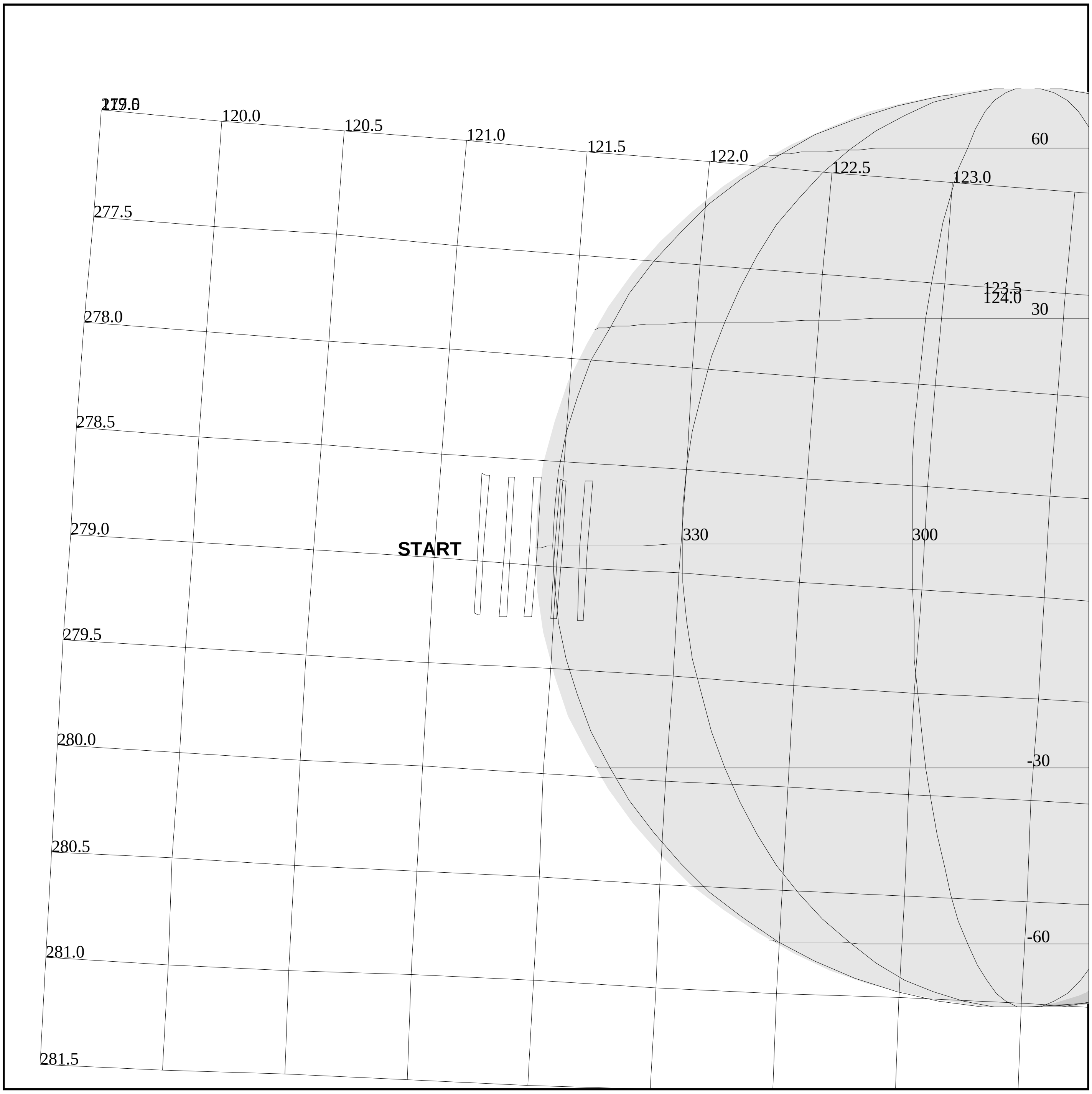
BTG=0.48 MB, TICS=143, FMT=MPW
Long Map, Nyquist Sampling

Due to the loss of the LPU record mode, only part of the scan was recorded.

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, MPW, JLM442, JLM360

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165KJ:TT= 0 TMC= 1 C= -4.00 XC= 0.00 BS= 0/5432 TC= 1(0 13)
A= 728 pD= 900 SR=17.450 RA50=106.03 DEC50= 25.00 cone=121.22 clock=278.90
117KJ:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/5432
1:#s= 1 Cs= 8.85 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 900 rD= 2

28JNEQBLGE06

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNEQBLGE06

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

THINNING:NIM 7

START:JEE 00-142/04:52:47.600 +CDS 2681:00:0

BODY PLOT TIME:TARGET-TIME D= 900 S= 0.900

OBSERVATION:28JNEQBLGE06

DESCRIP:JUPITER_EQUATORIAL_BULGE

Jupiter Equatorial Bulge 06	ACTIVITY ID: 28JNEQBLGE06- START TIME: 00-144/01:59:32.267

Activity ID: Orbit 28 Target J Inst N OAPEL EQBLGE SeqNo 06 -

Title	Jupiter Equatorial Bulge 06			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/23/00 Week 21

Start	JEE+CDS 00002677:00:0	00-144/01:59:32.267	JEE+001/21:06:44.667
End	JEE+CDS 00002686:00:0	00-144/02:08:38.267	JEE+001/21:15:50.667
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label 28JNEQBLGE06-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Limb scan of equatorial bulge.

Data Returned

Design Detail

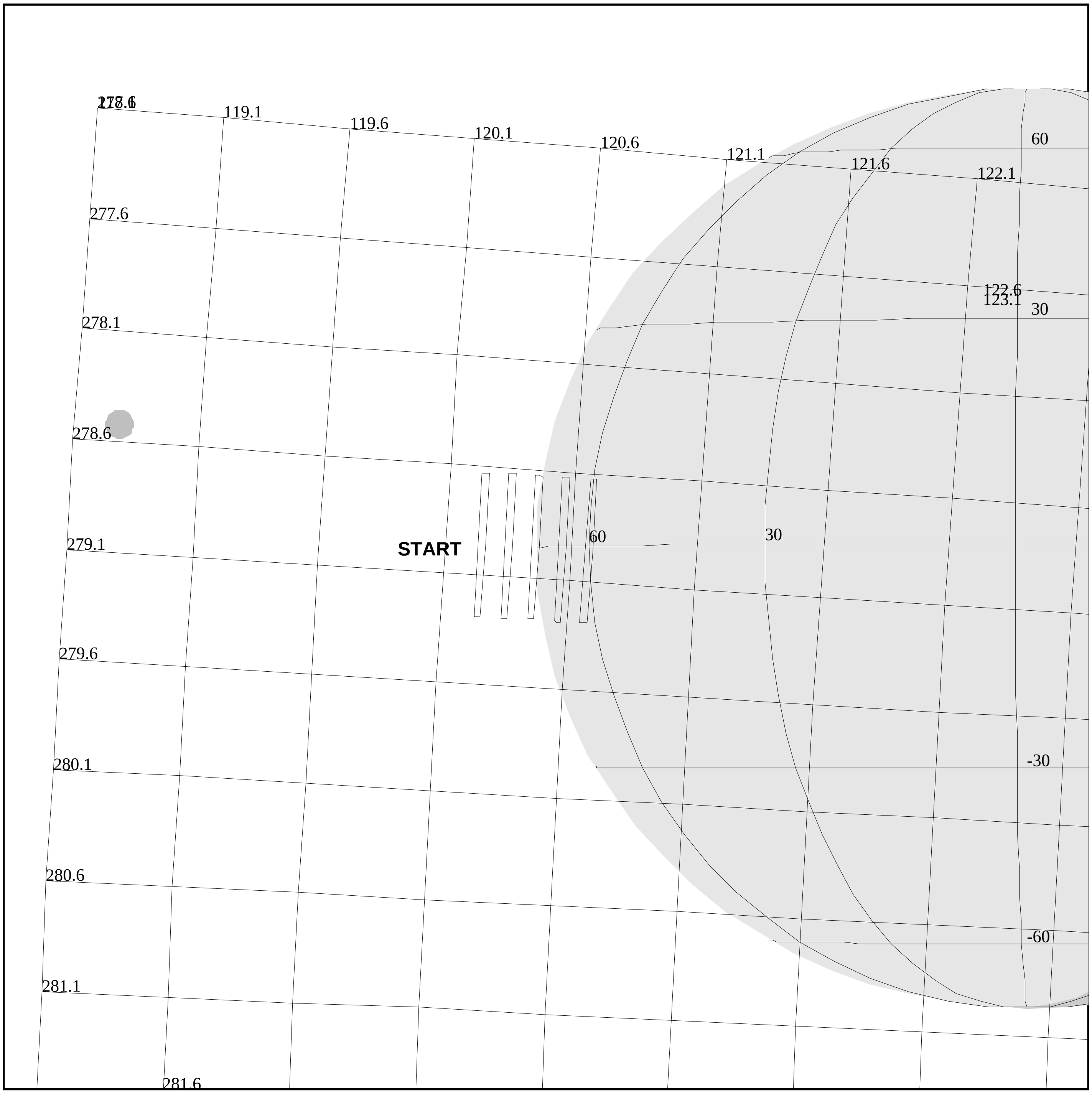
R/T Enc BTG=0.08 MB, BDT
Limbscan

Mirror Blocked (11011,11011) (1B,1B)

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165KK:TT= 0 TMC= 1 C= -4.00 XC= 0.00 BS= 0/7090 TC= 1(0 83)
A= 728 pD= 900 SR=17.450 RA50=107.11 DEC50= 24.88 cone=120.23 clock=278.95
117KK:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/7090
1:#s= 1 Cs= 8.85 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 900 rD= 2

28JNEQBLGE07

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNEQBLGE07

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 2800:00:0

OBSERVATION:28JNEQBLGE07

THINNING:NIM 7

BODY PLOT TIME:TARGET-TIME D= 900 S= 0.900

DESCRIP:JUPITER_EQUATORIAL_BULGE

Jupiter Equatorial Bulge 07	ACTIVITY ID: 28JNEQBLGE07- START TIME: 00-144/03:59:51.600

Activity ID: Orbit 28 Target J Inst N OAPEL EQBLGE SeqNo 07 -

Title	Jupiter Equatorial Bulge 07			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/23/00 Week 21

Start	JEE+CDS 00002796:00:0	00-144/03:59:51.600	JEE+001/23:07:04.000
End	JEE+CDS 00002805:00:0	00-144/04:08:57.600	JEE+001/23:16:10.000
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label 28JNEQBLGE07-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Limb scan of equatorial bulge.

Data Returned

Design Detail

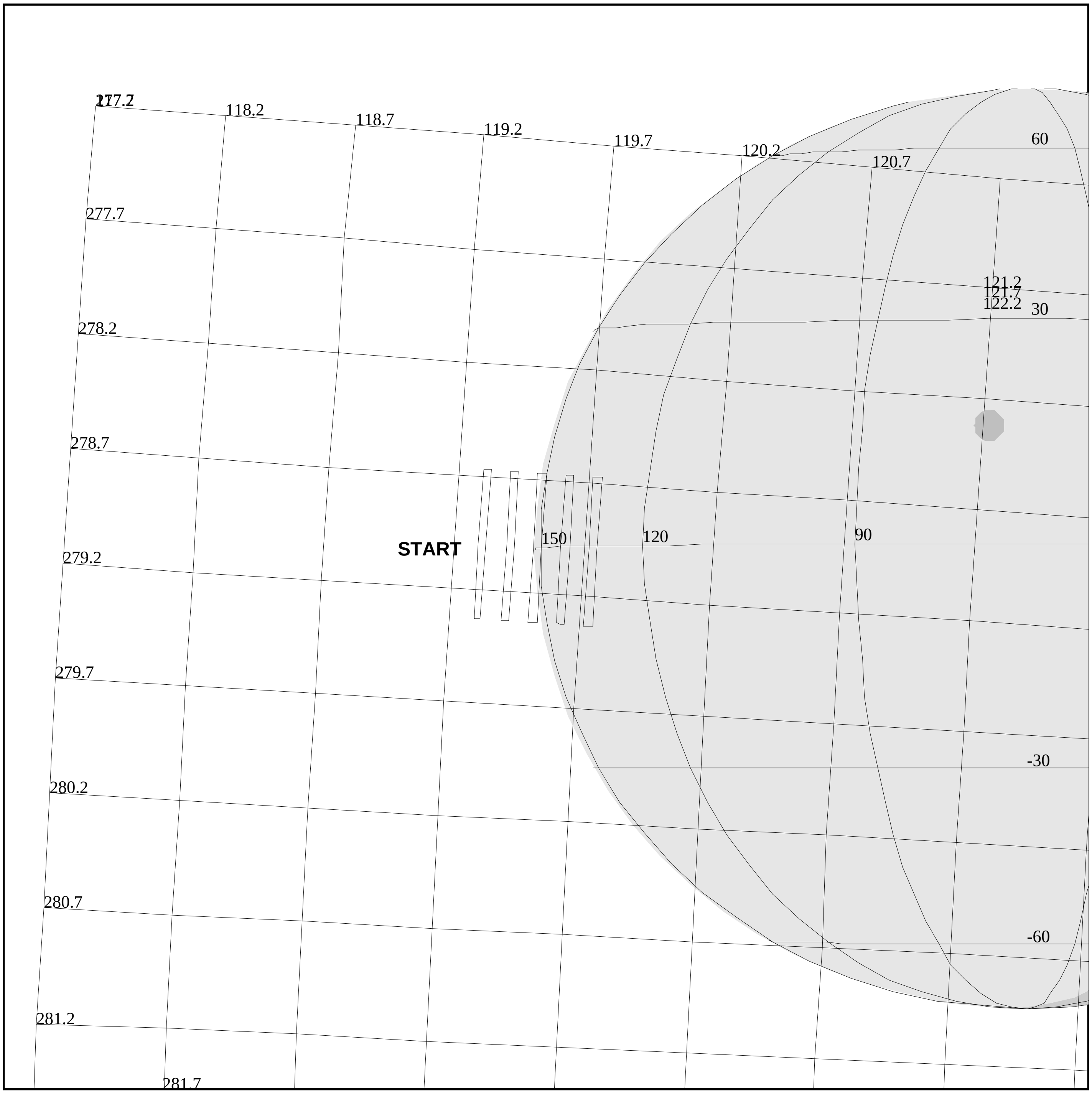
R/T Enc BTG=0.08 MB, BDT
Limbscan

Mirror Blocked (11011,11011) (1B,1B)

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165KL:TT= 0 TMC= 1 C= -4.00 XC= 0.00 BS= 0/8748 TC= 1(0 151)
A= 728 pD= 900 SR=17.450 RA50=108.11 DEC50= 24.76 cone=119.31 clock=279.01
117KL:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/8748
1:#s= 1 Cs= 8.85 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 900 rD= 2

28JNEQBLGE08

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNEQBLGE08

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS: **THINNING:NIM 7**

START:JEE 00-142/04:52:47.600 +CDS 2919:00:0 **BODY PLOT TIME:TARGET-TIME D= 900 S= 0.900**

OBSERVATION:28JNEQBLGE08 **DESCRIP:JUPITER_EQUATORIAL_BULGE**

Jupiter Equatorial Bulge 08		ACTIVITY ID:	28JNEQBLGE08-
		START TIME:	00-144/06:00:10.934

Activity ID: Orbit 28 Target J Inst N OAPEL EQBLGE SeqNo 08 -

Title	Jupiter Equatorial Bulge 08			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/23/00	Week	21

Start	JEE+CDS 00002915:00:0	00-144/06:00:10.934	JEE+002/01:07:23.334
End	JEE+CDS 00002924:00:0	00-144/06:09:16.934	JEE+002/01:16:29.334
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label 28JNEQBLGE08-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Limb scan of equatorial bulge.

Data Returned

Design Detail

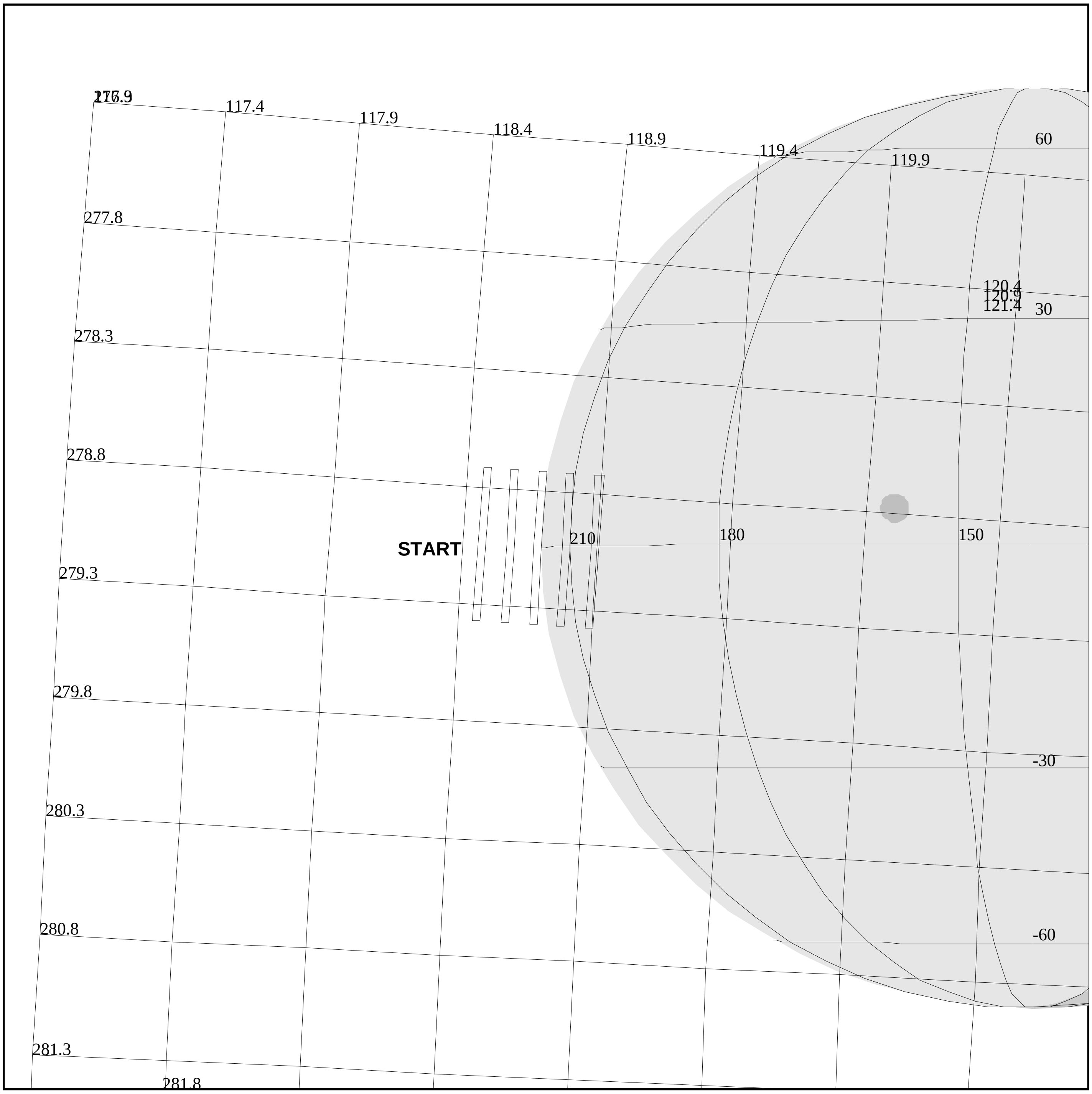
R/T Enc BTG=0.08 MB, BDT
Limbscan

Mirror Blocked (11011,11011) (1B,1B)

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165KM:TT= 0 TMC= 1 C= -4.00 XC= 0.00 BS= 0/0224 TC= 1(0 228)
A= 728 pD= 900 SR=17.450 RA50=109.08 DEC50= 24.63 cone=118.43 clock=279.06
117KM:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/0224
1:#s= 1 Cs= 8.85 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 900 rD= 2

28JNEQBLGE09

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNEQBLGE09

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 3037:00:0

OBSERVATION:28JNEQBLGE09

THINNING:NIM 7

BODY PLOT TIME:TARGET-TIME D= 900 S= 0.900

DESCRIP:JUPITER_EQUATORIAL_BULGE

Jupiter Equatorial Bulge 09	ACTIVITY ID: 28JNEQBLGE09- START TIME: 00-144/07:59:29.601

Activity ID: Orbit 28 Target J Inst N OAPEL EQBLGE SeqNo 09 -

Title	Jupiter Equatorial Bulge 09			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System CDS Load ID Calendar Date 05/23/00 Week 21

Start	JEE+CDS 00003033:00:0	00-144/07:59:29.601	JEE+002/03:06:42.001
End	JEE+CDS 00003042:00:0	00-144/08:08:35.601	JEE+002/03:15:48.001
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label 28JNEQBLGE09-
Bottom Label

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Limb scan of equatorial bulge.

Data Returned

Design Detail

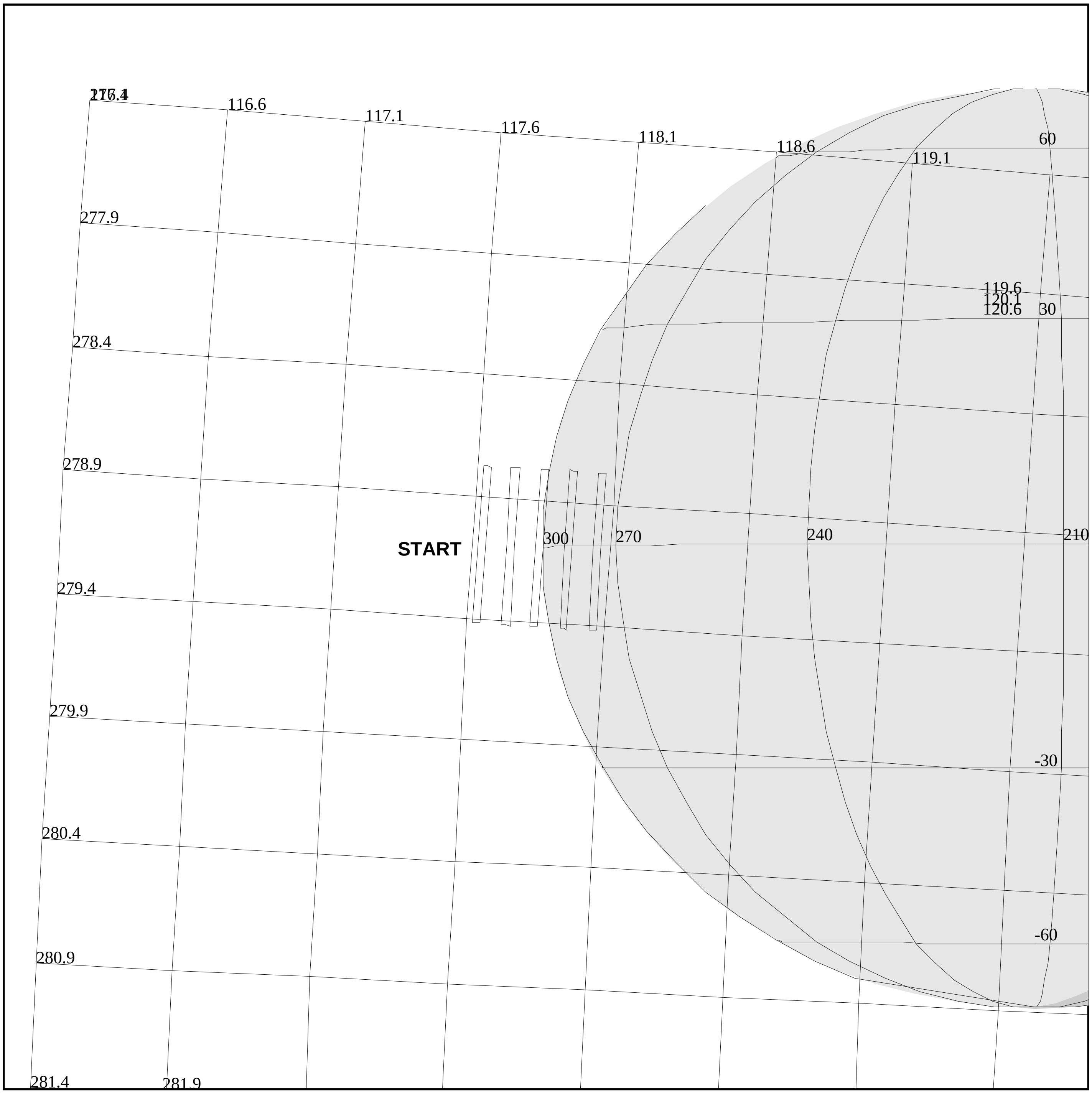
R/T Enc BTG=0.08 MB, BDT
Limbscan

Mirror Blocked (11011,11011) (1B,1B)

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form 05/31/00 00:00:00 rev 6/95



165KN:TT= 0 TMC= 1 C= -4.00 XC= 0.00 BS= 0/1882 TC= 1(0 300)
A= 728 pD= 900 SR=17.450 RA50=109.98 DEC50= 24.51 cone=117.60 clock=279.11
117KN:#SB= 1 OR= 0.030 RR=12.000 BM=F RC= 1 BS= 0/1882
1:#s= 1 Cs= 8.85 XCs= 0.00 Cr= 0.00 XCr= 0.00 sD= 900 rD= 2

28JNEQBLGE10

TARGET G3.1 lisac: 4/10/2000 11:54:24

FILE:P.28JNEQBLGE10

CENTRAL BODY:JUPITER

MINI:m.target

S/C EPH:/DATA/NAVIO/000224-tour.NS

PERIAPSIS:

START:JEE 00-142/04:52:47.600 +CDS 3156:00:0

OBSERVATION:28JNEQBLGE10

THINNING:NIM 7

BODY PLOT TIME:TARGET-TIME D= 900 S= 0.900

DESCRIP:JUPITER_EQUATORIAL_BULGE

Jupiter Equatorial Bulge 10	ACTIVITY ID: 28JNEQBLGE10- START TIME: 00-144/09:59:48.934

Activity ID: Orbit 28 Target J Inst N OAPEL EQBLGE SeqNo 10 -

Title	Jupiter Equatorial Bulge 10			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	05/23/00	Week	21

Start	JEE+CDS 00003152:00:0	00-144/09:59:48.934	JEE+002/05:07:01.334
End	JEE+CDS 00003161:00:0	00-144/10:08:54.934	JEE+002/05:16:07.334
Duration	00000009:00:0	000/00:09:06.000	000/00:09:06.000

Top Label	28JNEQBLGE10-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	300	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

Limb scan of equatorial bulge.

Data Returned

Design Detail

R/T Enc BTG=0.08 MB, BDT
Limbscan

Mirror Blocked (11011,11011) (1B,1B)

SPACECRAFT IN CRUISE MODE - UNCOMPENSATED SPACECRAFT WOBBLE PRESENT

Fixed Long Map (XLM), Gain 2, Grating Start 0, R/T, JLM408

Galileo Activity Plan Form   05/31/00 00:00:00   rev 6/95

NIMS Chopper Off		ACTIVITY ID:	28NNCHOPOF10-
		START TIME:	00-159/01:26:32.274

Activity ID: Orbit 28 Target N Inst N OAPEL CHOPOF SeqNo 01 -

Title	NIMS Chopper Off			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date	06/07/00	Week 23

Start	JEE+CDS 00024007:00:0	00-159/01:26:32.274	JEE+016/20:33:44.674
End	JEE+CDS 00024017:00:0	00-159/01:36:38.941	JEE+016/20:43:51.341
Duration	00000010:00:0	000/00:10:06.667	000/00:10:06.667

Top Label	28NNCHOPOF01-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	000	Report Options	TOL	Scan Platform	No
CDS Source	***	Spin State	N	DMS	No

Observation Objective

Turn off NIMS Chopper

Design Detail

Galileo Activity Plan Form   05/31/00 00:00:00   rev 6/95

NIMS RCT Real Time Calibration	ACTIVITY ID:	28NNRCTRLT01-
	START TIME:	00-187/11:00:53.466

Activity ID: Orbit 28 Target N Inst N OAPEL RCTRLT SeqNo 01 -

Title	NIMS RCT Real Time Calibration			Instrument	NIMS
Requestor	NIMS-AWG/K. BAINES	Team	NIMS	Working Group	AWG

Time System	CDS	Load ID		Calendar Date 07/05/00	Week 27

Start	RTA+CDS 00000000:00:0	00-187/11:00:53.466	RTA+000/00:00:00.000
End	RTA+CDS 00000787:00:0	00-188/00:16:38.132	RTA+000/13:15:44.666
Duration	00000787:00:0	000/13:15:44.666	000/13:15:44.666

Top Label	28NNRCTRLT01-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	450	Report Options	BOTH	Scan Platform	No
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

This observation is a NIMS radiometric calibration using the RCT target.
The data will be used to calibrate the NIMS thermal detectors.
The calibration data will be returned using Real-time Telemetry

The NIMS OPCAL has been included in the RCT calibration for GEM.
Perform NIMS Optical Calibration to calibrate the NIMS grating.

This is a GEM Library Sequence
The Dark cone angle must be selected using Pointer.

No Data Returned

Design Detail

1) Turn on RCT Heaters for 12 hours.
2) Set Engineering Variable Map to return NIMS Temps more frequently.
3) Set NIMS to Long Map Mode, Gain state 1, Chopper Reference, Mirror Blocking (11011,11011), ETB=RCT252.
4) Pause playback before using scan platform.
5) Slew to Dark (cone = 119.7), return 1 grating cycle (12 mf) in R/T
6) Slew to RCT (cone = 0.0), return 2 grating cycles (12 mf) in R/T
7) Slew to Dark (cone = 119.7), return 1 grating cycle (12 mf) in R/T
8) Slew to Safe (cone = 153.0)
9) Long Map, gain state 4, ETB=OPCAL48.
10) Use 37IST to turn on OPCAL Lamp (two times).
11) Select NIMS Real Time 1 Rim OPCAL, 1 Rim Dark, 1 Rim OPCAL
12) Set NIMS to Safe Mode and turn off Chopper.
13) Resume Playback after using scan platform.

Fixed Long Map (XLM), Gain 1, Grating Start 0, R/T, RCT252
Fixed Long Map (XLM), Gain 4, Grating Start 0, R/T, OPCAL48

Galileo Activity Plan Form 05/31/00 10:48:23 rev 1/99

NIMS Real-Time PCT Calibration		ACTIVITY ID:	28NNPCTRLT01-
		START TIME:	00-188/18:30:39.400

Activity ID: Orbit 28 Target N Inst N OAPEL PCTRLT SeqNo 01 -

Title	NIMS Real-Time PCT Calibration			Instrument	NIMS
Requestor	NIMS-SWG/M. SEGURA	Team	NIMS	Working Group	SWG

Time System	CDS	Load ID		Calendar Date 07/06/00	Week 27

Start	PCT+CDS 0:00:0	00-188/18:30:39.400	PCT+000/00:00:00.000
End	PCT+CDS 00000465:00:0	00-189/02:20:49.400	PCT+000/07:50:10.000
Duration	00000465:00:0	000/07:50:10.000	000/07:50:10.000

Top Label	28NNPCTRLT01-
Bottom Label	

Plot Key	NIMS	Type	SCI		
CDS Bytes	275	Report Options	BOTH	Scan Platform	Yes
CDS Source	OAP	Spin State	DUAL	DMS	No

Observation Objective

This observation is an NIMS photometric calibration usint the PCT target.
The data will be used to calibrate the NIMS visible detectors.
The calibration data will be returned using Real-Time telemetry.
At this time the off sun angle is about 2.0 degrees.

Data Returned

Design Detail

1) Turn off PCT heaters 6 hours before calibration.
2) Scan Platform is at Safe/Unstow (cone = 153.00, clock = 0.00)
3) Chopper on, Gain State 4,
4) Set NIMS to Long Map Mode, ETB = PCT252,
   Mirror Blocking (1B, 1B) (11011, 11011)
5) Select 2 RIMs of Dark in Real-Time (Return 2 LM grating cycle)
6) Slew to PCT (cone 54.88, clock = 244.07)
7) Select 10 RIMS of PCT in Real-Time (Return 10 LM grating cycles)
8) Slew to Safe (cone = 153.00, clock = 0.00)
9) NIMS to Safe Mode, Reset Mirror Blocking (00,00) (00000, 00000)
10) Chopper Off.

Fixed Long Map (XLM), Gain 4, Grating Start 0, R/T, PCT252