

GAPSLTCRVC01

POINTER C4.1Wsusan: 9/23/1991 13:37:48

FILE:P.GAPSLTCRVC01

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVC01

S/C EPH:/gptr/eph/EE3P-091691.t

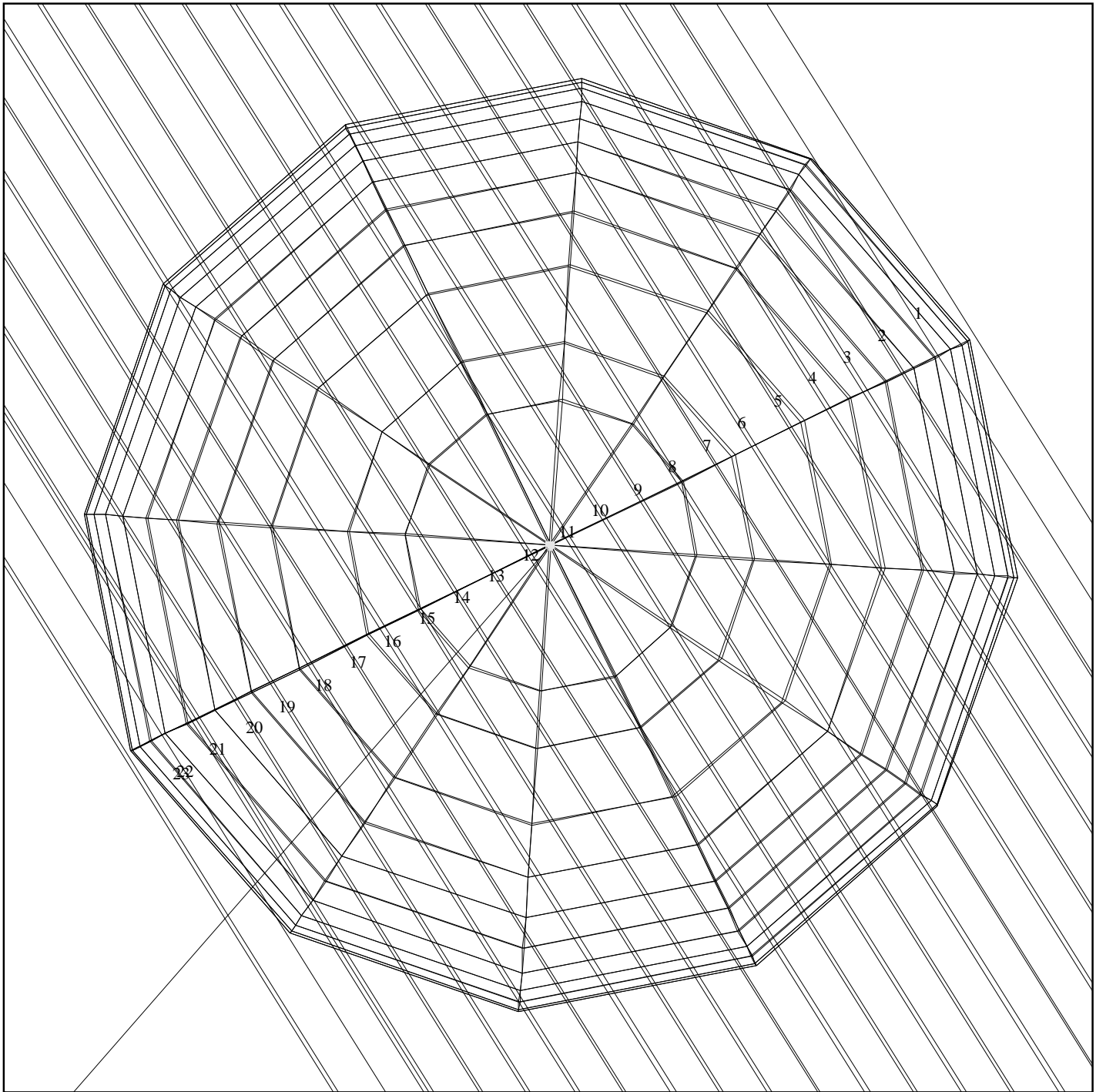
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 477:00:0

ACTIVITY:GAPSLTCRVC01

DESCRIP:4-COLOR LIGHTCURVE

Gaspra Distant Light Curve		ACTIVITY ID: GAPSLTCRVC01*	
		START TIME: 91-302/14:45:50	
Activity ID: Orbit GA Target P Inst S OAPEL LTCRVC SeqNo 01 Multi *			
Title	Gaspra Distant Light Curve		Instrument NIMS
Requestor	C. Byrnes	Team NIMS	Working Group AWG
Time System	CDS	Load ID EE3	Calendar Date 10/29/91 Week 44
Start	GCA-CDS 00000468:00:0	91-302/14:45:50	GCA-000/07:53:12
End	GCA-CDS 00000465:00:0	91-302/14:48:52	GCA-000/07:50:10
Duration	00000003:00:0	000/00:03:02	000/00:03:02
Top Label	GAPSLTCRVC01*		
Bottom Label			
Plot Key	NIMS	Riding Plot Key	Conflict Yes
CDS Bytes	216	Report Options	Real Time Activity No
Observation Objective			
<p>This observation is part of SSI's final rotation Gaspra 'movie' and lightcurve. Each segment of the total lightcurve covers 30 degrees of rotation of Gaspra. Every third segment is through four filters to give data on the color of Gaspra. The remaining segments are through a single filter.</p>			
Design Detail			
NIMS will ride-along behind SSI in various modes. Here, NIMS is in Full Map mode			Alias
Full Map (FM), Gain 4, Grating Start 0, Chopper 63Hz, AI8			
Last Changed	05/03/95	Changed By	FEL 10/08/91 13:58:04
Galileo Activity Plan Form			rev 5/95



GAPNGASPEC01

POINTER C4.1Wsusan: 9/23/1991 13:39:38

FILE:P.GAPNGASPEC01

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPEC01

S/C EPH:/gpnr/eph/EE3P-091691.t

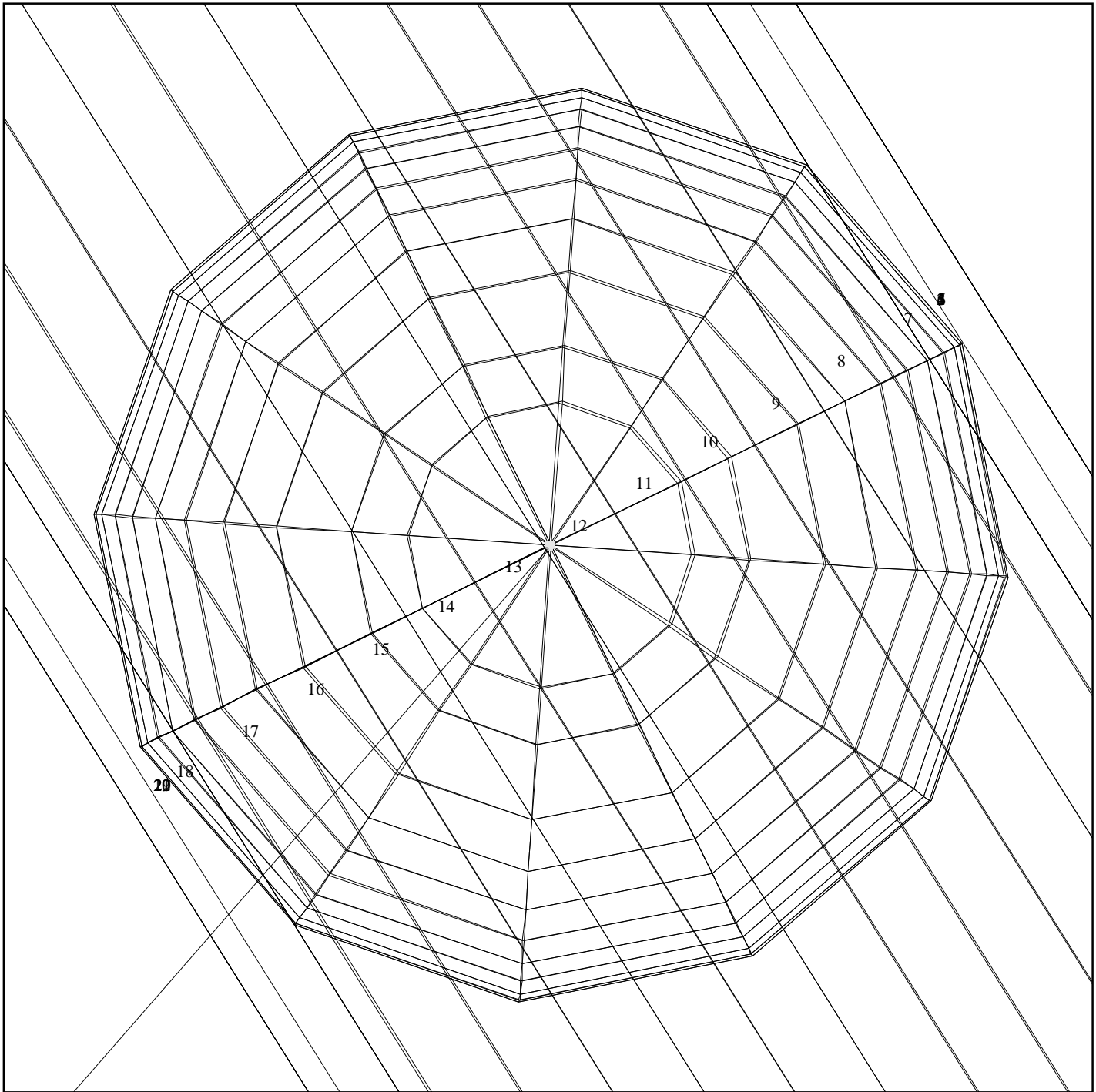
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 473:00:0

ACTIVITY:GAPNGASPEC01

DESCRIP:NIMS 1ST 204 WVLNIGHT LM NYQ RATE

Gaspra Highest Spectral Resolution Map		ACTIVITY ID:	GAPNGASPEC01+			
		START TIME:	91-302/14:38:45			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPEC	SeqNo 01	Multi +
Title	Gaspra Highest Spectral Resolution Map			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000473:00:0		91-302/14:38:45	GCA-000/07:58:15	
End	GCA-CDS	00000469:66:0		91-302/14:42:04	GCA-000/07:54:56	
Duration		00000003:25:0		000/00:03:19	000/00:03:19	
Top Label	GAPNGASPEC01+					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	181	Report Options			Real Time Activity	No
Observation Objective						
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>						
Design Detail						
Alias						
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Full Map mode at Long Map Nyquist sampling rate (0.03 mrad/sec). This is one of five Full Map observations in the Gaspra Far Encounter, the fifth of which verifies the observation in Full Map mode of the first quadrant.</p>						
Full Map (FM), Gain 4, Grating Start 0, Chopper 63Hz, MPW						
Last Changed	05/03/95	Changed By	FEL	10/08/91		
				13:58:04		
Galileo Activity Plan Form						rev 5/95



GAPNGASPER01

POINTER C4.1Wsusana: 9/23/1991 13:41:47

FILE:P.GAPNGASPER01

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPER01

S/C EPH:/gptr/eph/EE3P-091691.t

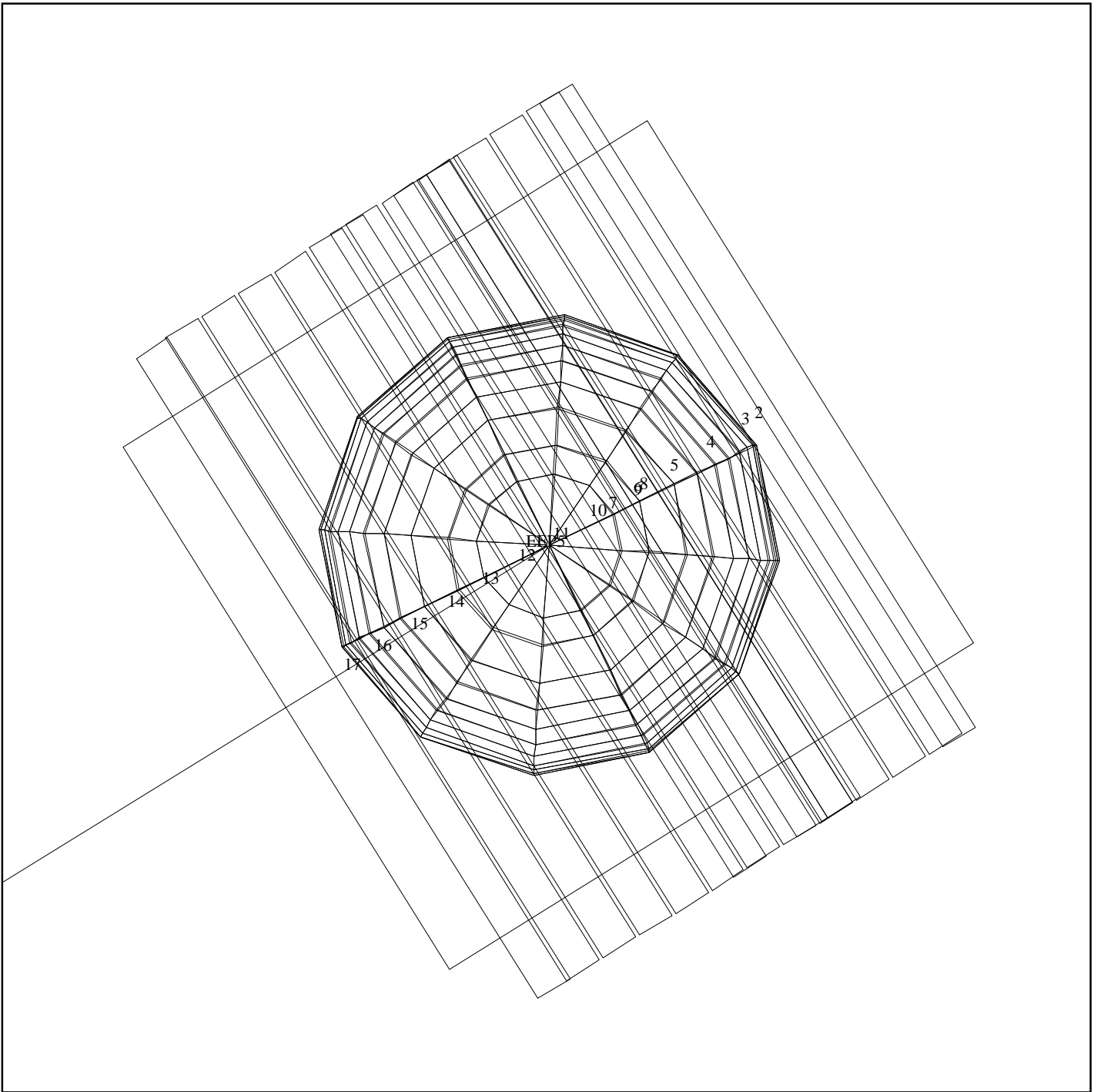
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 459:00:0

ACTIVITY:GAPNGASPER01

DESCRIP:NIMS 17 WVLNGTH NYQ RATE

Gaspra 15 Degree Periodic Rotation Sam		ACTIVITY ID:	GAPNGASPER01-		
		START TIME:	91-302/14:52:54		
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPER	SeqNo 01 Multi -
Title	Gaspra 15 Degree Periodic Rotation Sam			Instrument	NIMS
Requestor	C. Byrnes		Team	NIMS	Working Group AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91 Week 44
Start	GCA-CDS	00000459:00:0	91-302/14:52:54	GCA-000/07:44:06	
End	GCA-CDS	00000458:67:0	91-302/14:53:10	GCA-000/07:43:50	
Duration		00000000:24:0	000/00:00:16	000/00:00:16	
Top Label	GAPNGASPER01-				
Bottom Label					
Plot Key	NIMS	Riding Plot Key		Conflict	Yes
CDS Bytes	181	Report Options		Real Time Activity	No
Observation Objective					
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>					
Design Detail					
Alias					
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Fixed Map mode at Nyquist sampling rate (0.75 mrad/sec). This is one of 11 Fixed Map observations in the Gaspra Far Encounter, The Fixed Map observation planned for GEE-CDS 179:00:0 is missing due to negotiations with UVS.</p>					
Fixed Map (XM), Gain 4, Grating Start 6, Chopper 63Hz, MPW					
Last Changed	05/03/95	Changed By	FEL	10/08/91	13:58:04
Galileo Activity Plan Form					rev 5/95



GAPNGASCUR01

POINTER C4.1Wsusan: 9/23/1991 13:45:43

FILE:P.GAPSLTCRVB01

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVB01

S/C EPH:/gptr/eph/EE3P-091691.t

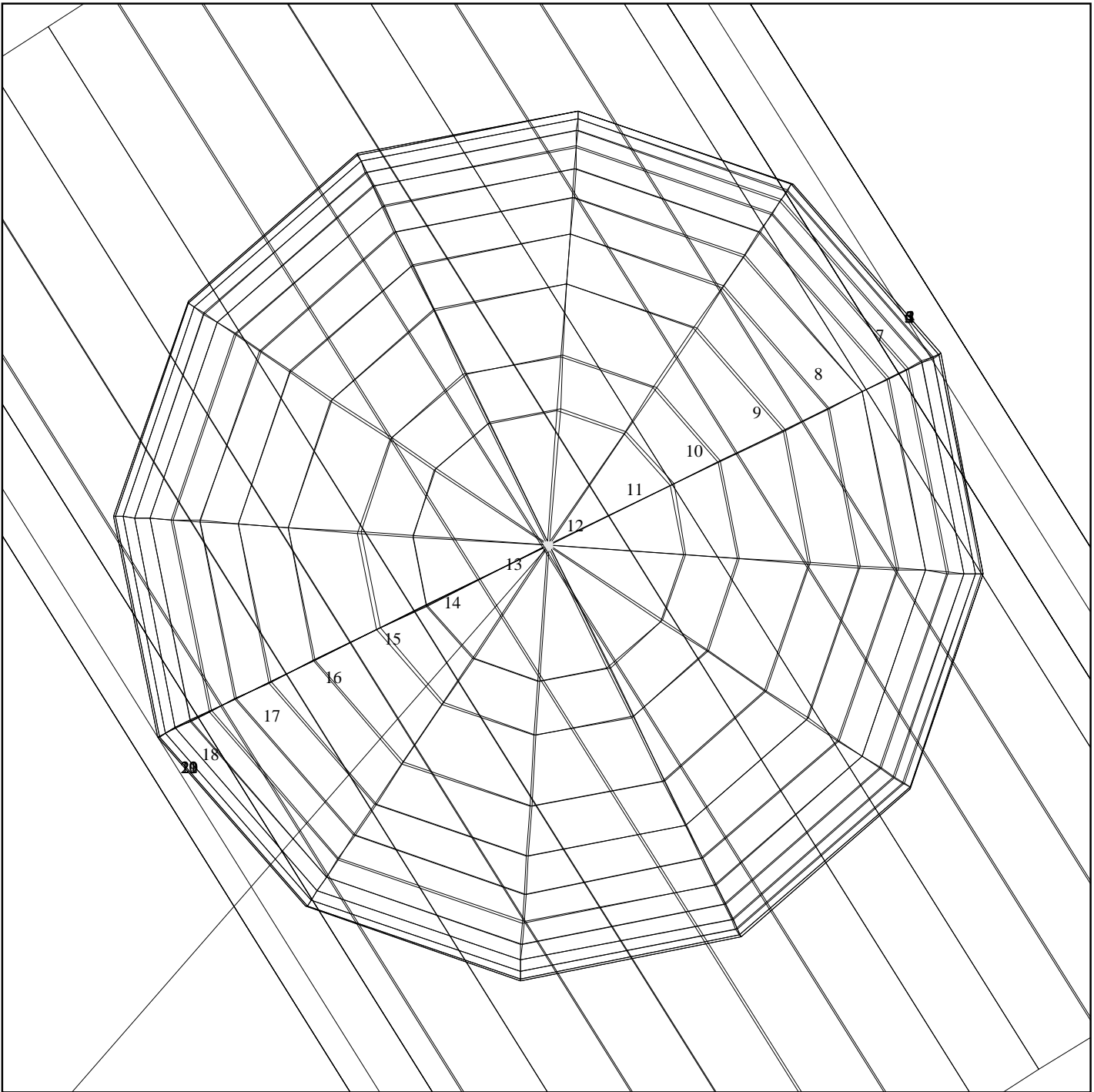
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 442:00:0

ACTIVITY:GAPSLTCRVB01

DESCRIP:SSI LTCRVB01/NIMS GASCUR01

Gaspra Spectral Light Curve		ACTIVITY ID:	GAPNGASCUR01+			
		START TIME:	91-302/15:10:06			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASCUR	SeqNo 01	Multi +
Title	Gaspra Spectral Light Curve			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000442:00:0		91-302/15:10:06	GCA-000/07:26:54	
End	GCA-CDS	00000440:61:0		91-302/15:11:26	GCA-000/07:25:34	
Duration		00000001:30:0		000/00:01:20	000/00:01:20	
Top Label	GAPNGASCUR01+					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	181	Report Options			Real Time Activity	No
Observation Objective						
<p>NIMS will observe the spectral light curve of Gaspra periodically throughout a full rotation of Gaspra (7.04 hours). This observation, combined with others, give 15 degree samples of Gaspra's rotation. Rotationally resolved data will aid in determining the nature of spectral differences on the surface of Gaspra, an asteroid suspected to have originated from a differentiated parent body.</p>						
Design Detail						
<p>SSI will cover the error ellipse in 4 colors every 90 degrees (before GASPECs) and 1 color every 30 degrees (during GASCURs). NIMS utilizes the SSI readout time (26.667 sec) to scan as much as is possible, repositions -0.5 mrad while the recorder winds down from SSI rates and up to NIMS rates, then finishes the single swath.</p>					Alias GAPSLTCRVB01	
Short Map (SM), Gain 4, Grating Start 2, Chopper 63Hz, HCM,MPW						
Last Changed	05/03/95	Changed By	FEL	10/08/91		
				13:58:04		
Galileo Activity Plan Form						rev 5/95



GAPNGASPER02

POINTER C4.1Wsusan: 9/23/1991 13:48:15

FILE:P.GAPNGASPER02

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPER02

S/C EPH:/gptr/eph/EE3P-091691.t

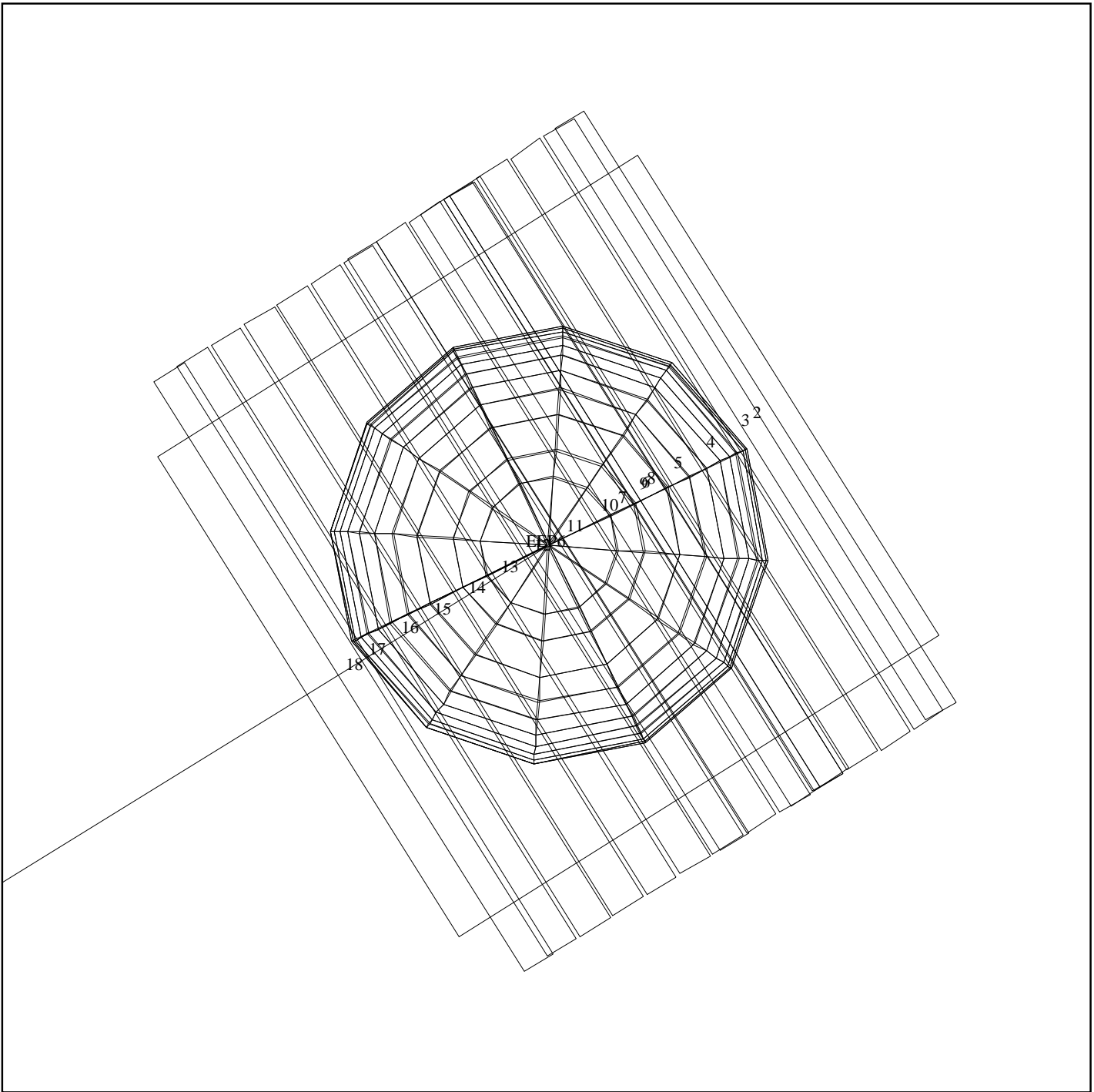
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 424:00:0

ACTIVITY:GAPNGASPER02

DESCRIP:NIMS 17 WVLNGTH NYQ RATE

Gaspra 15 Degree Periodic Rotation Sam		ACTIVITY ID:	GAPNGASPER02-		
		START TIME:	91-302/15:28:18		
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPER	SeqNo 02 Multi -
Title	Gaspra 15 Degree Periodic Rotation Sam			Instrument	NIMS
Requestor	C. Byrnes		Team	NIMS	Working Group AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91 Week 44
Start	GCA-CDS	00000424:00:0	91-302/15:28:18	GCA-000/07:08:42	
End	GCA-CDS	00000423:67:0	91-302/15:28:34	GCA-000/07:08:26	
Duration		00000000:24:0	000/00:00:16	000/00:00:16	
Top Label	GAPNGASPER02-				
Bottom Label					
Plot Key	NIMS	Riding Plot Key		Conflict	Yes
CDS Bytes	181	Report Options		Real Time Activity	No
Observation Objective					
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>					
Design Detail					
Alias					
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Fixed Map mode at Nyquist sampling rate (0.75 mrad/sec). This is one of 11 Fixed Map observations in the Gaspra Far Encounter, The Fixed Map observation planned for GEE-CDS 179:00:0 is missing due to negotiations with UVS.</p>					
Fixed Map (XM), Gain 4, Grating Start 6, Chopper 63Hz, MPW					
Last Changed	05/03/95	Changed By	FEL	10/08/91	13:58:04
Galileo Activity Plan Form					rev 5/95



GAPNGASCUR02

POINTER C4.1Wsusan: 9/23/1991 13:50:40

FILE:P.GAPSLTCRVB02

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVB02

S/C EPH:/gptr/eph/EE3P-091691.t

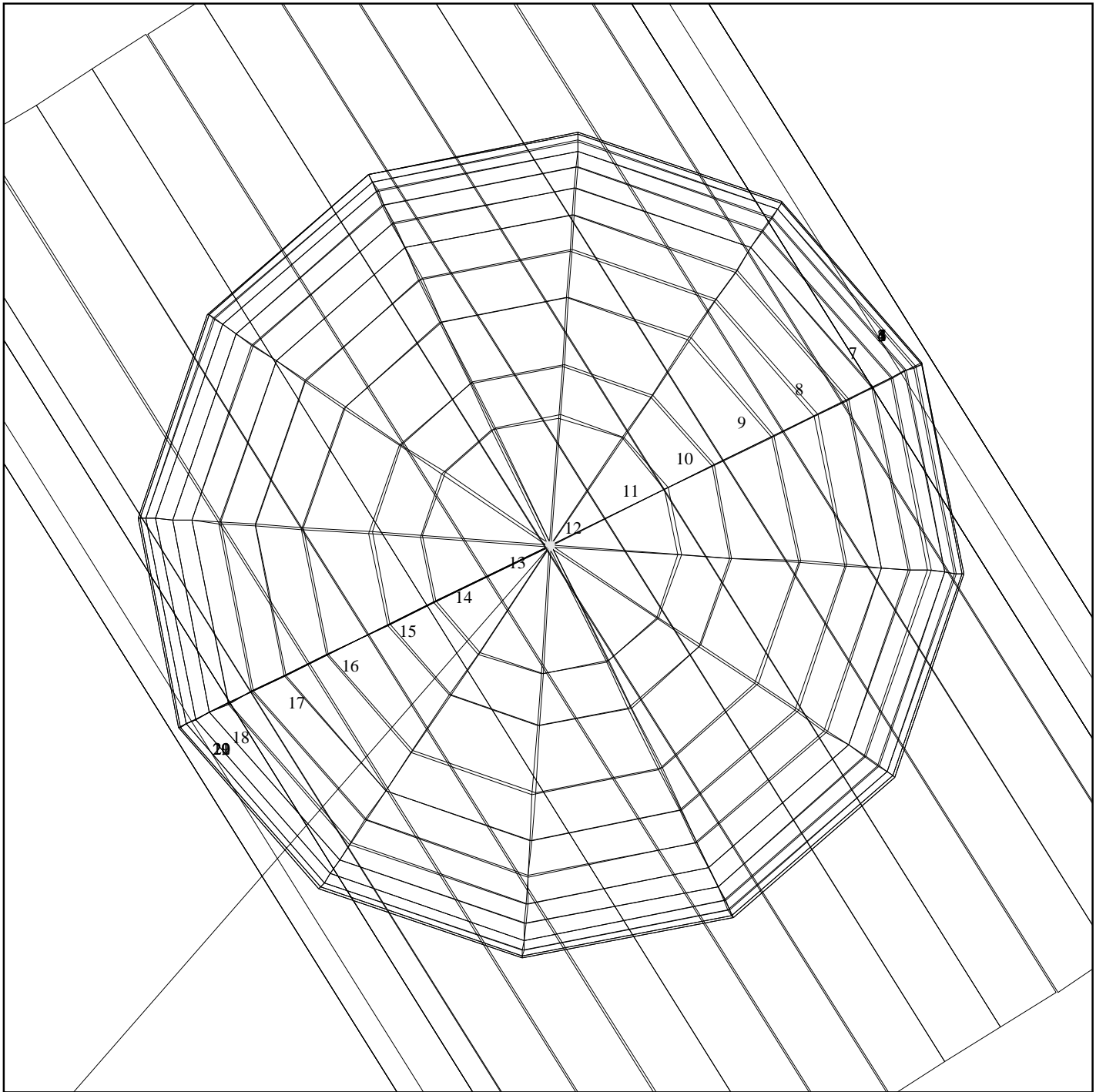
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 407:00:0

ACTIVITY:GAPSLTCRVB02

DESCRIP:SSI LTCRVB02/NIMS GASCUR02

Gaspra Spectral Light Curve		ACTIVITY ID:	GAPNGASCUR02+			
		START TIME:	91-302/15:45:29			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASCUR	SeqNo 02	Multi +
Title	Gaspra Spectral Light Curve			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000407:00:0		91-302/15:45:29	GCA-000/06:51:31	
End	GCA-CDS	00000405:47:0		91-302/15:46:59	GCA-000/06:50:01	
Duration		00000001:44:0		000/00:01:30	000/00:01:30	
Top Label	GAPNGASCUR02+					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	181	Report Options			Real Time Activity	No
Observation Objective						
<p>NIMS will observe the spectral light curve of Gaspra periodically throughout a full rotation of Gaspra (7.04 hours). This observation, combined with others, give 15 degree samples of Gaspra's rotation. Rotationally resolved data will aid in determining the nature of spectral differences on the surface of Gaspra, an asteroid suspected to have originated from a differentiated parent body.</p>						
Design Detail						
<p>SSI will cover the error ellipse in 4 colors every 90 degrees (before the SSI readout time (26.667 sec) to scan as much as is possible, repositions -0.5 mrad while the recorder winds down from SSI rates and up to NIMS rates, then finishes the single swath.</p>					Alias	GAPSLTCRVB02
Short Map (SM), Gain 4, Grating Start 2, Chopper 63Hz, HCM,MPW						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPNGASPER03

POINTER C4.1Wsusan: 9/23/1991 13:53:15

FILE:P.GAPNGASPER03

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPER03

S/C EPH:/gp/eph/EE3P-091691.t

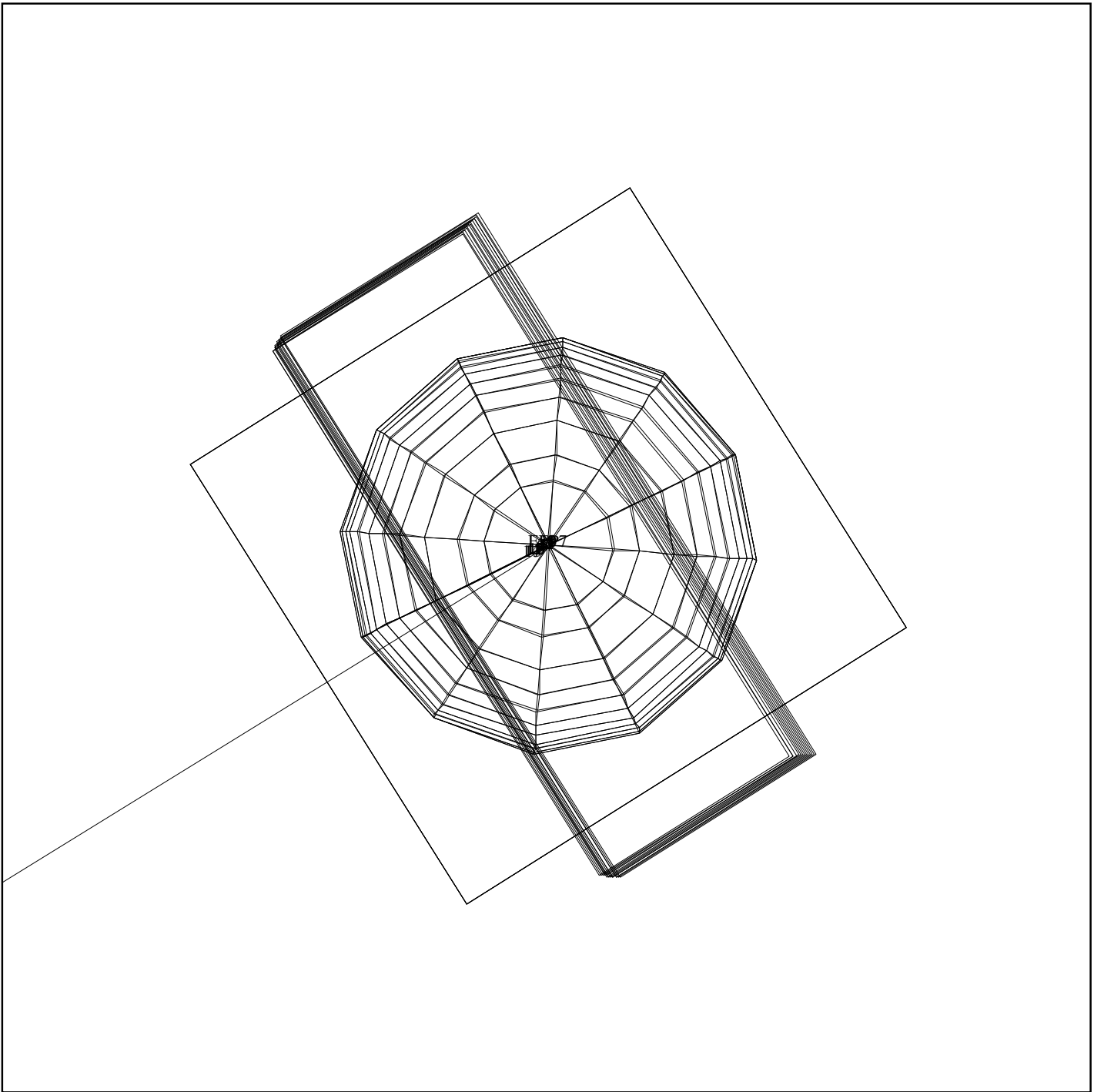
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 389:00:0

ACTIVITY:GAPNGASPER03

DESCRIP:NIMS 17 WVLNGTH NYQ RATE

Gaspra 15 Degree Periodic Rotation Sam		ACTIVITY ID:	GAPNGASPER03-			
		START TIME:	91-302/16:03:41			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPER	SeqNo 03	Multi -
Title	Gaspra 15 Degree Periodic Rotation Sam			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000389:00:0		91-302/16:03:41	GCA-000/06:33:19	
End	GCA-CDS	00000388:67:0		91-302/16:03:57	GCA-000/06:33:03	
Duration		00000000:24:0		000/00:00:16	000/00:00:16	
Top Label	GAPNGASPER03-					
Bottom Label						
Plot Key	NIMS	Riding Plot Key		Conflict	Yes	
CDS Bytes	181	Report Options		Real Time Activity	No	
Observation Objective						
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>						
Design Detail						
Alias						
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Fixed Map mode at Nyquist sampling rate (0.75 mrad/sec). This is one of 11 Fixed Map observations in the Gaspra Far Encounter, The Fixed Map observation planned for GEE-CDS 179:00:0 is missing due to negotiations with UVS.</p>						
Fixed Map (XM), Gain 4, Grating Start 6, Chopper 63Hz, MPW						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPSLTCRVC02

POINTER C4.1Wsusan: 9/23/1991 13:56:24

FILE:P.GAPSLTCRVC02

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVC02

S/C EPH:/gp/eph/EE3P-091691.t

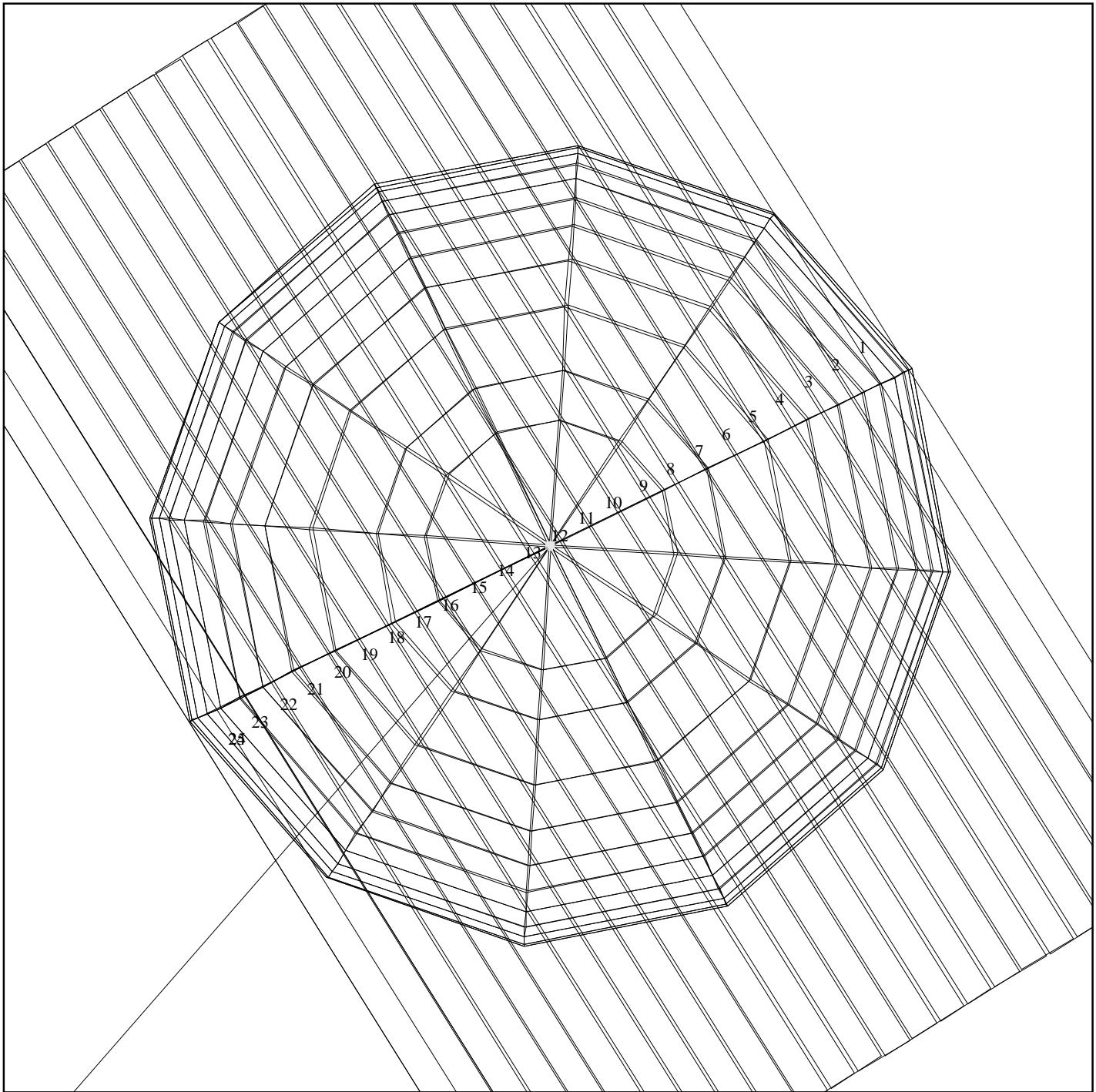
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 372:00:0

ACTIVITY:GAPSLTCRVC02

DESCRIP:4-FILTER LIGHTCURVE

Gaspra Distant Light Curve		ACTIVITY ID: GAPSLTCRVC02*	
		START TIME: 91-302/16:35:02	
Activity ID: Orbit GA Target P Inst S OAPEL LTCRVC SeqNo 02 Multi *			
Title	Gaspra Distant Light Curve		Instrument NIMS
Requestor	C. Byrnes	Team NIMS	Working Group AWG
Time System	CDS	Load ID EE3	Calendar Date 10/29/91 Week 44
Start	GCA-CDS 00000360:00:0	91-302/16:35:02	GCA-000/06:04:00
End	GCA-CDS 00000357:00:0	91-302/16:38:04	GCA-000/06:00:58
Duration	00000003:00:0	000/00:03:02	000/00:03:02
Top Label	GAPSLTCRVC02*		
Bottom Label			
Plot Key	NIMS	Riding Plot Key	Conflict Yes
CDS Bytes	216	Report Options	Real Time Activity No
Observation Objective			
<p>This observation is part of SSI's final rotation Gaspra 'movie' and lightcurve. Each segment of the total lightcurve covers 30 degrees of rotation of Gaspra. Every third segment is through four filters to give data on the color of Gaspra. The remaining segments are through a single filter.</p>			
Design Detail			
NIMS will ride-along behind SSI in various modes. Here, NIMS is in Full Map mode			Alias
Full Map (FM), Gain 4, Grating Start 0, Chopper 63Hz, AI8			
Last Changed	05/03/95	Changed By FEL	10/08/91 13:58:04
Galileo Activity Plan Form			rev 5/95



GAPNGASPEC02

POINTER C4.1Wsusan: 9/23/1991 14:37:58

FILE:P.GAPNGASPEC02

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPEC02

S/C EPH:/gptr/eph/EE3P-091691.t

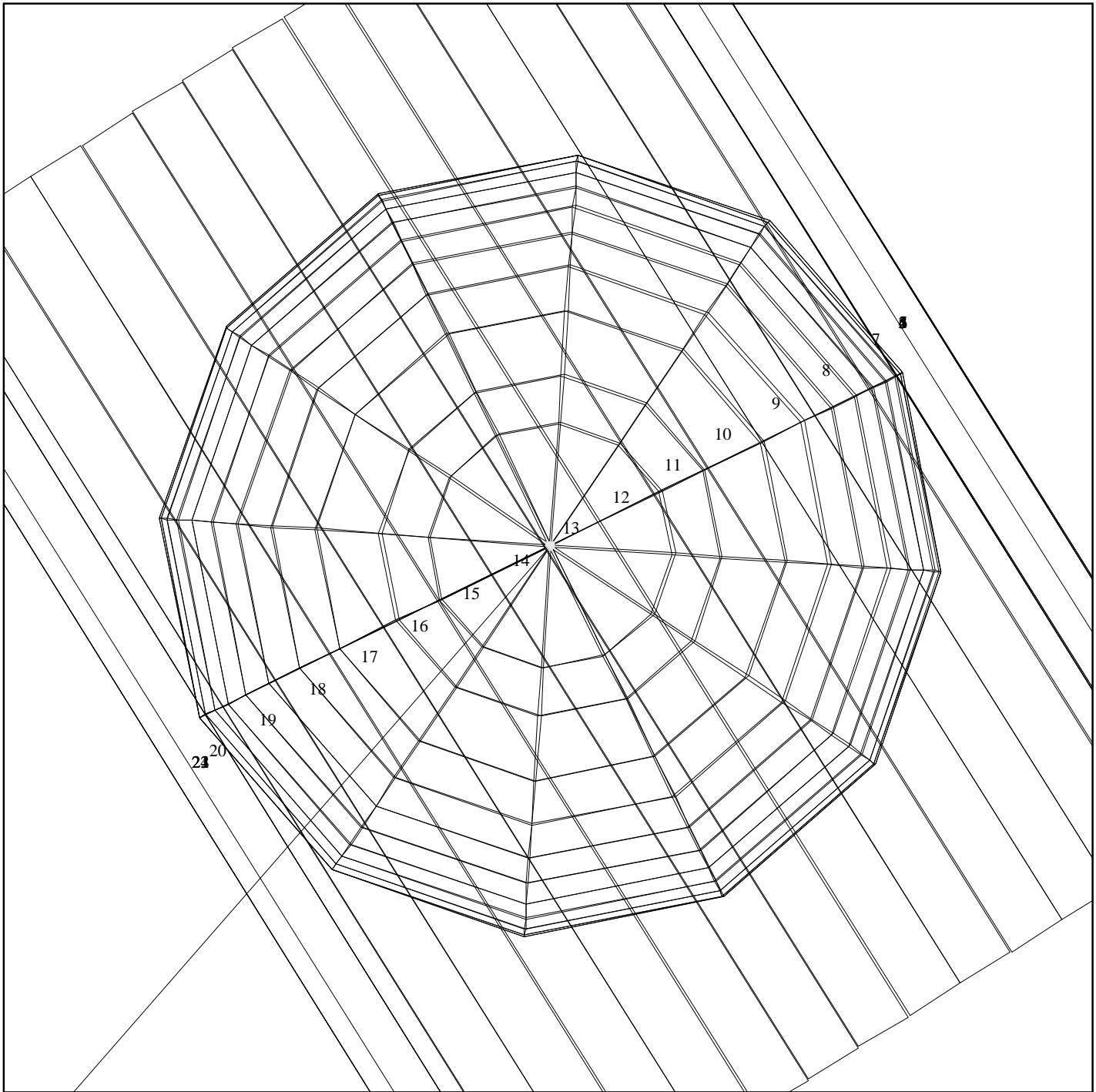
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 368:00:0

ACTIVITY:GAPNGASPEC02

DESCRIP:2ND NIMS 204 WVLNGTH LM NYQ RATE

Gaspra Highest Spectral Resolution Map		ACTIVITY ID:	GAPNGASPEC02+			
		START TIME:	91-302/16:24:55			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPEC	SeqNo 02	Multi +
Title	Gaspra Highest Spectral Resolution Map			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000368:00:0		91-302/16:24:55	GCA-000/06:12:05	
End	GCA-CDS	00000364:42:0		91-302/16:28:30	GCA-000/06:08:30	
Duration		00000003:49:0		000/00:03:35	000/00:03:35	
Top Label	GAPNGASPEC02+					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	181	Report Options			Real Time Activity	No
Observation Objective						
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>						
Design Detail						
Alias						
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Full Map mode at Long Map Nyquist sampling rate (0.03 mrad/sec). This is one of five Full Map observations in the Gaspra Far Encounter, the fifth of which verifies the observation in Full Map mode of the first quadrant.</p>						
Full Map (FM), Gain 4, Grating Start 0, Chopper 63Hz, MPW						
Last Changed	05/03/95	Changed By	FEL	10/08/91		
				13:58:04		
Galileo Activity Plan Form						rev 5/95



GAPNGASPER04

POINTER C4.1Wsusan: 9/23/1991 14:41:40

FILE:P.GAPNGASPER04

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPER04

S/C EPH:/gptr/eph/EE3P-091691.t

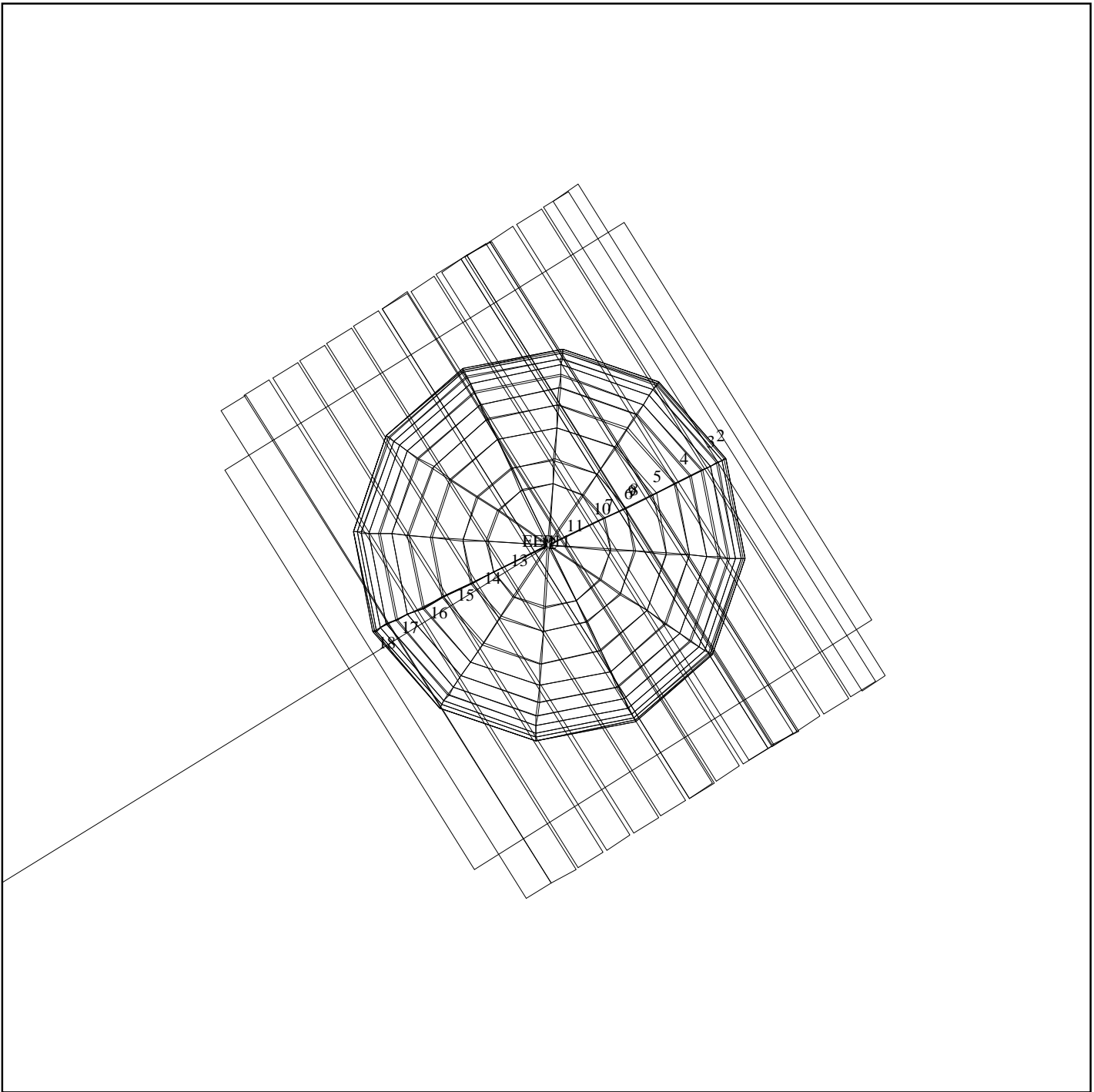
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 354:00:0

ACTIVITY:GAPNGASPER04

DESCRIP:NIMS 17 WVLNGTH NYQ RATE

Gaspra 15 Degree Periodic Rotation Sam		ACTIVITY ID:	GAPNGASPER04-		
		START TIME:	91-302/16:39:04		
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPER	SeqNo 04 Multi -
Title	Gaspra 15 Degree Periodic Rotation Sam			Instrument	NIMS
Requestor	C. Byrnes		Team	NIMS	Working Group AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91 Week 44
Start	GCA-CDS	00000354:00:0	91-302/16:39:04	GCA-000/05:57:56	
End	GCA-CDS	00000353:65:0	91-302/16:39:22	GCA-000/05:57:38	
Duration		00000000:26:0	000/00:00:18	000/00:00:18	
Top Label	GAPNGASPER04-				
Bottom Label					
Plot Key	NIMS	Riding Plot Key		Conflict	Yes
CDS Bytes	181	Report Options		Real Time Activity	No
Observation Objective					
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>					
Design Detail					
Alias					
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Fixed Map mode at Nyquist sampling rate (0.75 mrad/sec). This is one of 11 Fixed Map observations in the Gaspra Far Encounter, The Fixed Map observation planned for GEE-CDS 179:00:0 is missing due to negotiations with UVS.</p>					
Fixed Map (XM), Gain 4, Grating Start 6, Chopper 63Hz, MPW					
Last Changed	05/03/95	Changed By	FEL	10/08/91	13:58:04
Galileo Activity Plan Form					rev 5/95



GAPNGASCUR03

POINTER C4.1Wsusan: 9/23/1991 14:46:16

FILE:P.GAPSLTCRVB03

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVB03

S/C EPH:/gptr/eph/EE3P-091691.t

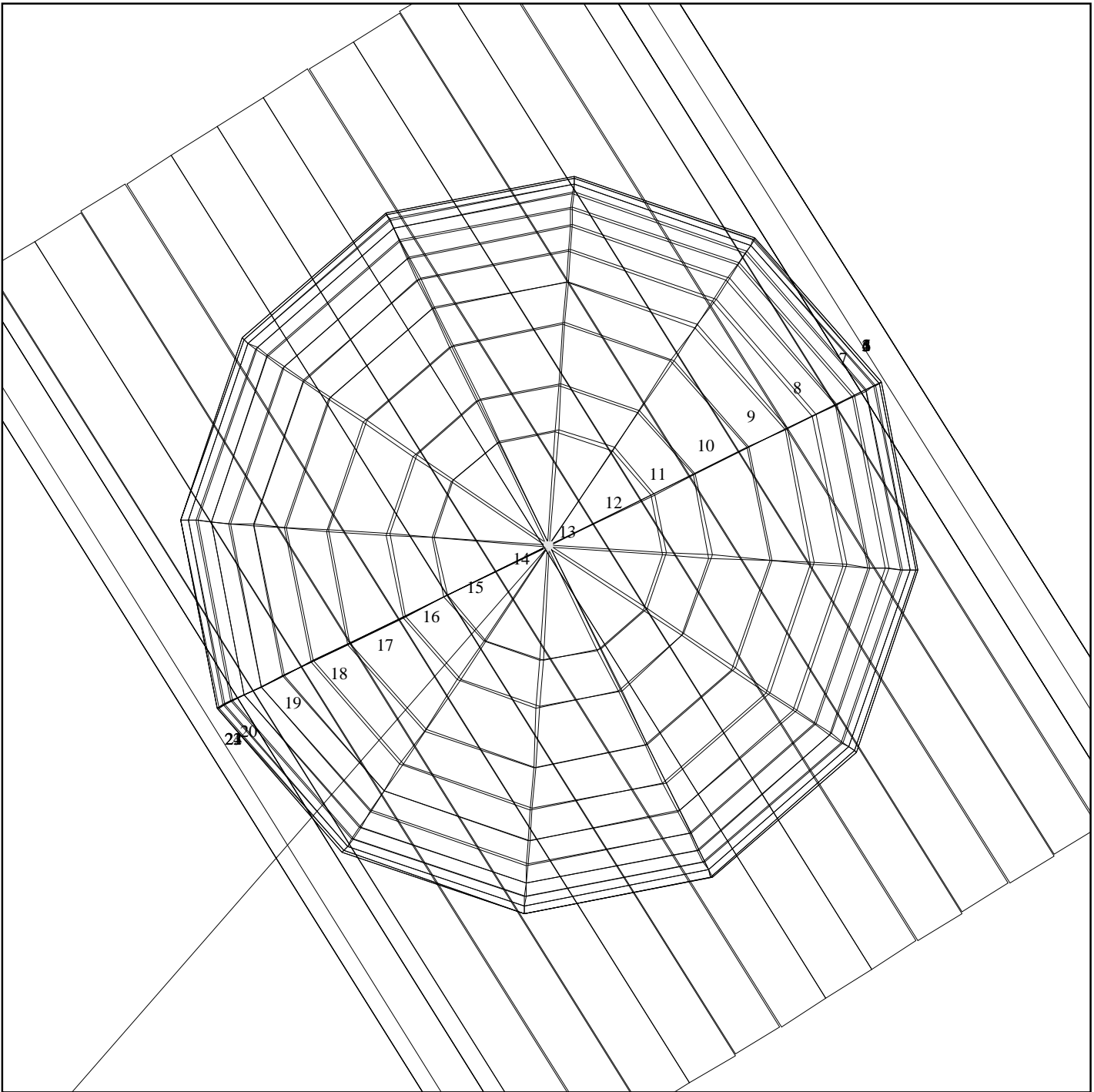
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 337:00:0

ACTIVITY:GAPSLTCRVB03

DESCRIP:SSI LTCRVB03/NIMS GASCUR03

Gaspra Spectral Light Curve		ACTIVITY ID:	GAPNGASCUR03+			
		START TIME:	91-302/16:56:16			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASCUR	SeqNo 03	Multi +
Title	Gaspra Spectral Light Curve			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000337:00:0		91-302/16:56:16	GCA-000/05:40:44	
End	GCA-CDS	00000335:56:0		91-302/16:57:40	GCA-000/05:39:20	
Duration		00000001:35:0		000/00:01:24	000/00:01:24	
Top Label	GAPNGASCUR03+					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	181	Report Options			Real Time Activity	No
Observation Objective						
<p>NIMS will observe the spectral light curve of Gaspra periodically throughout a full rotation of Gaspra (7.04 hours). This observation, combined with others, give 15 degree samples of Gaspra's rotation. Rotationally resolved data will aid in determining the nature of spectral differences on the surface of Gaspra, an asteroid suspected to have originated from a differentiated parent body.</p>						
Design Detail						
<p>SSI will cover the error ellipse in 4 colors every 90 degrees (before the SSI readout time (26.667 sec) to scan as much as is possible, repositions -0.5 mrad while the recorder winds down from SSI rates and up to NIMS rates, then finishes the single swath.</p>					Alias	GAPSLTCRVB03
Short Map (SM), Gain 4, Grating Start 2, Chopper 63Hz, HCM,MPW						
Last Changed	05/03/95	Changed By	FEL	10/08/91		
				13:58:04		
Galileo Activity Plan Form						rev 5/95



GAPNGASPER05

POINTER C4.1Wsusana: 9/23/1991 14:52:13

FILE:P.GAPNGASPER05

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPER05

S/C EPH:/gptra/eph/EE3P-091691.t

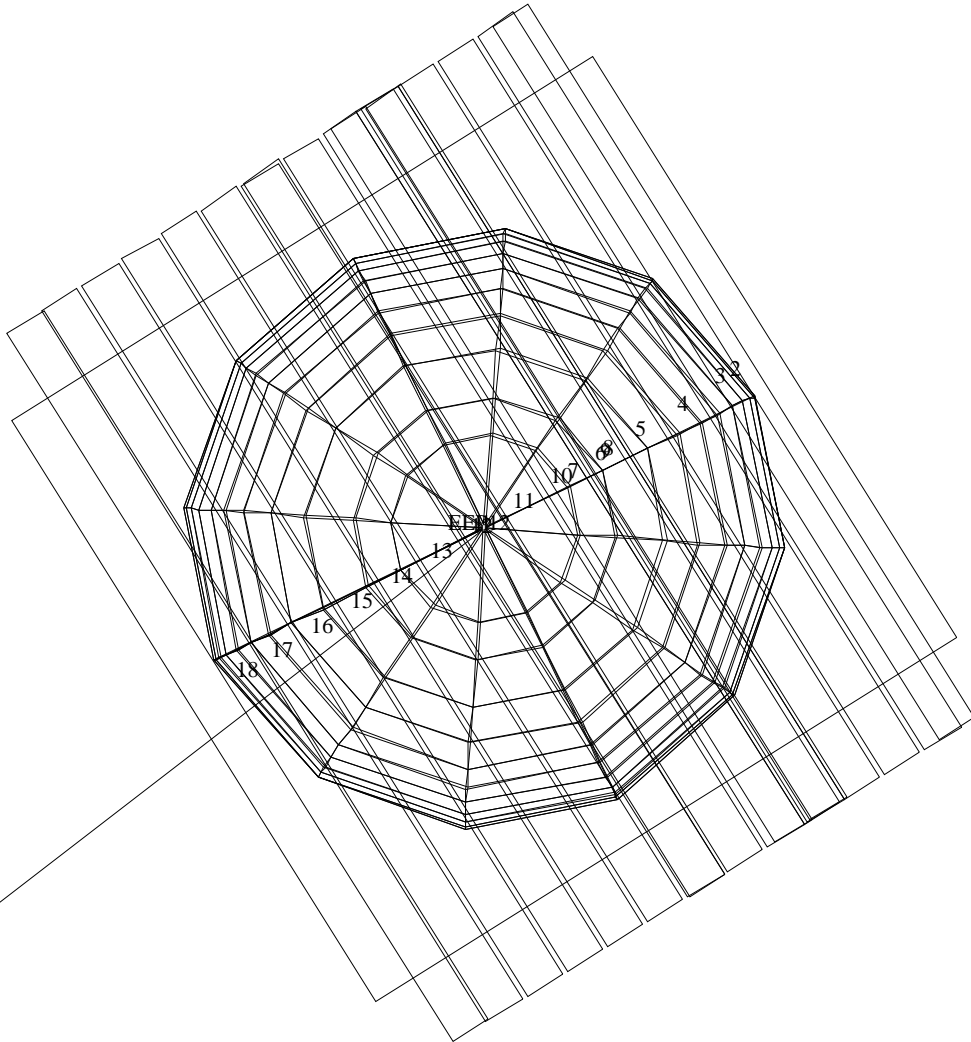
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 319:00:0

ACTIVITY:GAPNGASPER05

DESCRIP:NIMS 17 WVLNGTH NYQ RATE

Gaspra 15 Degree Periodic Rotation Sam		ACTIVITY ID:	GAPNGASPER05-		
		START TIME:	91-302/17:14:28		
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPER	SeqNo 05 Multi -
Title	Gaspra 15 Degree Periodic Rotation Sam			Instrument	NIMS
Requestor	C. Byrnes		Team	NIMS	Working Group AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91 Week 44
Start	GCA-CDS	00000319:00:0		91-302/17:14:28	GCA-000/05:22:32
End	GCA-CDS	00000318:65:0		91-302/17:14:45	GCA-000/05:22:15
Duration		00000000:26:0		000/00:00:17	000/00:00:17
Top Label	GAPNGASPER05-				
Bottom Label					
Plot Key	NIMS	Riding Plot Key		Conflict	Yes
CDS Bytes	181	Report Options		Real Time Activity	No
Observation Objective					
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>					
Design Detail					
Alias					
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Fixed Map mode at Nyquist sampling rate (0.75 mrad/sec). This is one of 11 Fixed Map observations in the Gaspra Far Encounter, The Fixed Map observation planned for GEE-CDS 179:00:0 is missing due to negotiations with UVS.</p>					
Fixed Map (XM), Gain 4, Grating Start 6, Chopper 63Hz, MPW					
Last Changed	05/03/95	Changed By	FEL		10/08/91 13:58:04
Galileo Activity Plan Form					rev 5/95



GAPNGASCUR04

POINTER C4.1Wsusan: 9/23/1991 14:54:30

FILE:P.GAPSLTCRVB04

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVB04

S/C EPH:/gptr/eph/EE3P-091691.t

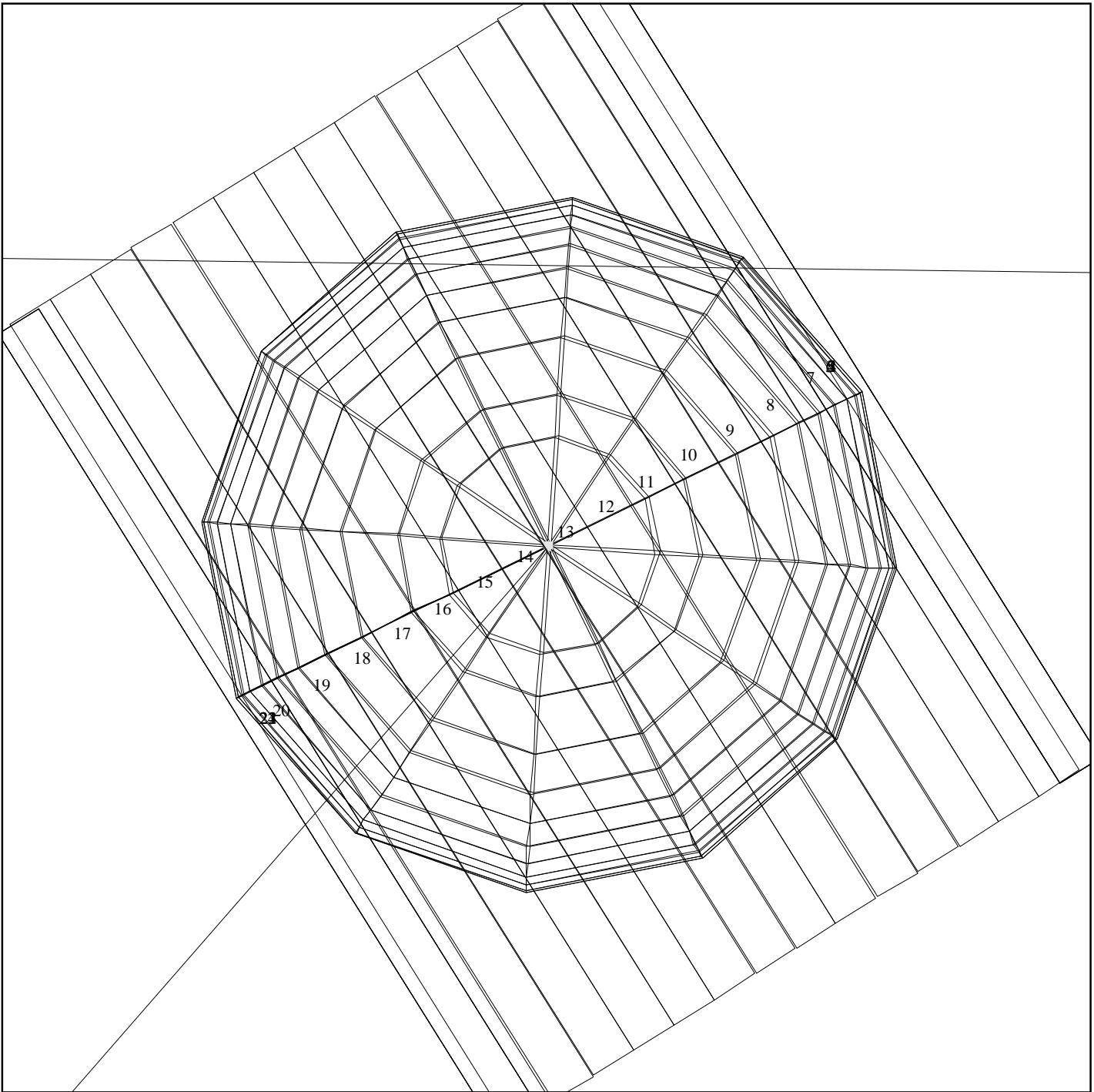
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 302:00:0

ACTIVITY:GAPSLTCRVB04

DESCRIP:SSI LTCRVB04/NIMS GASCUR04

Gaspra Spectral Light Curve		ACTIVITY ID:	GAPNGASCUR04+			
		START TIME:	91-302/17:31:39			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASCUR	SeqNo 04	Multi +
Title	Gaspra Spectral Light Curve			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000302:00:0		91-302/17:31:39	GCA-000/05:05:21	
End	GCA-CDS	00000300:56:0		91-302/17:33:03	GCA-000/05:03:57	
Duration		00000001:35:0		000/00:01:24	000/00:01:24	
Top Label	GAPNGASCUR04+					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	181	Report Options			Real Time Activity	No
Observation Objective						
<p>NIMS will observe the spectral light curve of Gaspra periodically throughout a full rotation of Gaspra (7.04 hours). This observation, combined with others, give 15 degree samples of Gaspra's rotation. Rotationally resolved data will aid in determining the nature of spectral differences on the surface of Gaspra, an asteroid suspected to have originated from a differentiated parent body.</p>						
Design Detail						
<p>SSI will cover the error ellipse in 4 colors every 90 degrees (before the SSI readout time (26.667 sec) to scan as much as is possible, repositions -0.5 mrad while the recorder winds down from SSI rates and up to NIMS rates, then finishes the single swath.</p>					Alias	GAPSLTCRVB04
Short Map (SM), Gain 4, Grating Start 2, Chopper 63Hz, HCM,MPW						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPNGASPER06

POINTER C4.1Wsusana: 9/23/1991 14:56:53

FILE:P.GAPNGASPER06

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPER06

S/C EPH:/gptra/eph/EE3P-091691.t

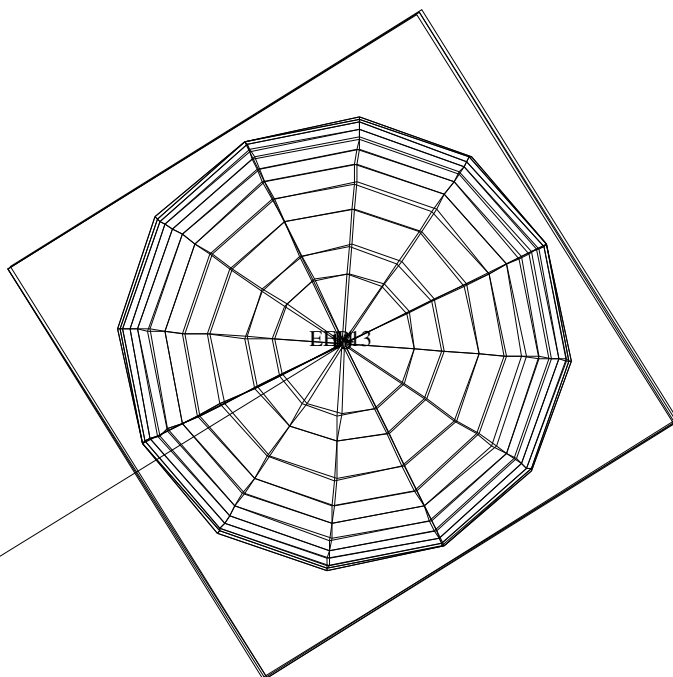
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 284:00:0

ACTIVITY:GAPNGASPER06

DESCRIP:NIMS 17 WVLNGTH NYQ RATE

Gaspra 15 Degree Periodic Rotation Sam		ACTIVITY ID:	GAPNGASPER06-			
		START TIME:	91-302/17:49:51			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPER	SeqNo 06	Multi -
Title	Gaspra 15 Degree Periodic Rotation Sam			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000284:00:0		91-302/17:49:51	GCA-000/04:47:09	
End	GCA-CDS	00000283:65:0		91-302/17:50:08	GCA-000/04:46:52	
Duration		00000000:26:0		000/00:00:17	000/00:00:17	
Top Label	GAPNGASPER06-					
Bottom Label						
Plot Key	NIMS	Riding Plot Key		Conflict	Yes	
CDS Bytes	181	Report Options		Real Time Activity	No	
Observation Objective						
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>						
Design Detail						
<p style="text-align: right;">Alias</p> <p>NIMS will map the error ellipse plus scan platform error with a single swath in Fixed Map mode at Nyquist sampling rate (0.75 mrad/sec). This is one of 11 Fixed Map observations in the Gaspra Far Encounter, The Fixed Map observation planned for GEE-CDS 179:00:0 is missing due to negotiations with UVS.</p>						
Fixed Map (XM), Gain 4, Grating Start 6, Chopper 63Hz, MPW						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPSLTCRVC03

POINTER C4.1Wsusan: 9/23/1991 14:58:53

FILE:P.GAPSLTCRVC03

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVC03

S/C EPH:/gptr/eph/EE3P-091691.t

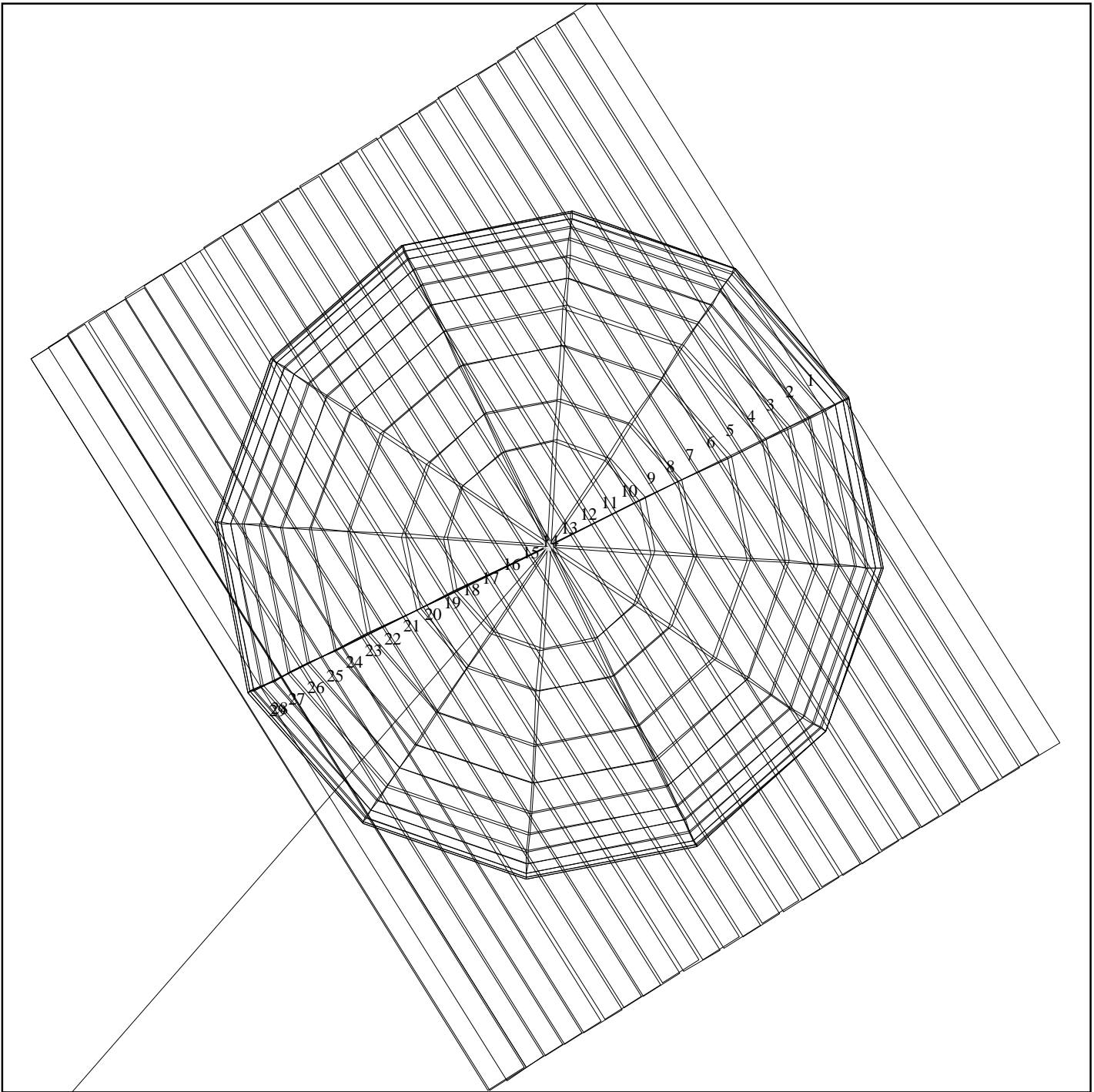
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 267:00:0

ACTIVITY:GAPSLTCRVC03

DESCRIP:4-FILTER LIGHTCURVE

Gaspra Distant Light Curve		ACTIVITY ID:	GAPSLTCRVC03*			
		START TIME:	91-302/18:24:14			
Activity ID:	Orbit GA	Target P	Inst S	OAPEL LTCRVC	SeqNo 03	Multi *
Title	Gaspra Distant Light Curve			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000252:00:0		91-302/18:24:14	GCA-000/04:14:48	
End	GCA-CDS	00000249:00:0		91-302/18:27:16	GCA-000/04:11:46	
Duration		00000003:00:0		000/00:03:02	000/00:03:02	
Top Label	GAPSLTCRVC03*					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	128	Report Options			Real Time Activity	No
Observation Objective						
<p>This observation is part of SSI's final rotation Gaspra 'movie' and lightcurve. Each segment of the total lightcurve covers 30 degrees of rotation of Gaspra. Every third segment is through four filters to give data on the color of Gaspra. The remaining segments are through a single filter.</p>						
Design Detail						
NIMS will ride-along behind SSI in various modes. Here, NIMS is in Fixed Map mode					Alias	
Fixed Map (XM), Gain 4, Grating Start 6, Chopper 63Hz, HCM						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPNGASPEC03

POINTER C4.1Wsusan: 9/23/1991 15: 8:51

FILE:P.GAPNGASPEC03

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPEC03

S/C EPH:/gptr/eph/EE3P-091691.t

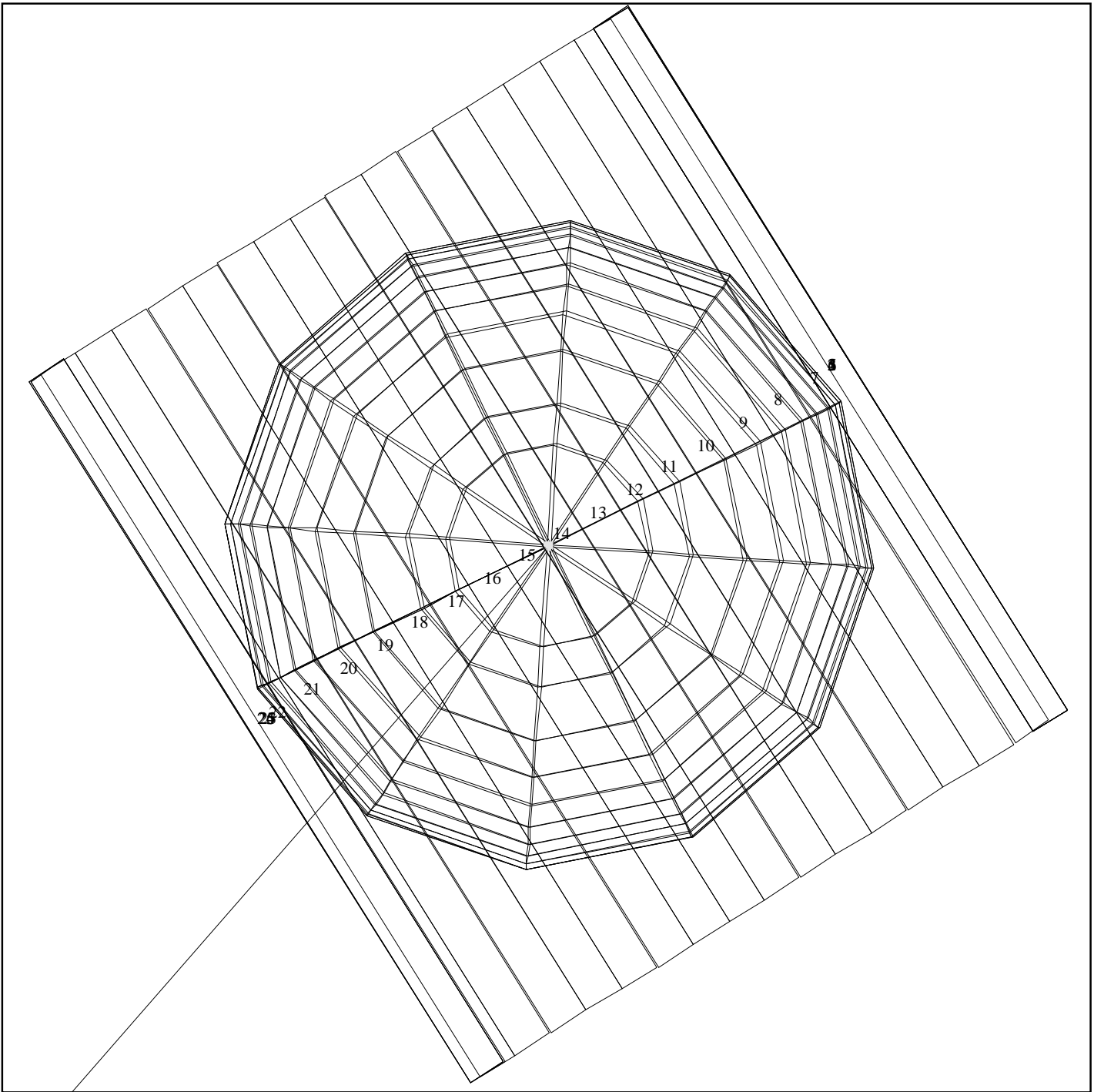
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 263:00:0

ACTIVITY:GAPNGASPEC03

DESCRIP:3RD NIMS 204 WVLNGTH LM NYQ

Gaspra Highest Spectral Resolution Map		ACTIVITY ID:	GAPNGASPEC03-			
		START TIME:	91-302/18:11:05			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPEC	SeqNo 03	Multi -
Title	Gaspra Highest Spectral Resolution Map			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000263:00:0		91-302/18:11:05	GCA-000/04:25:55	
End	GCA-CDS	00000258:78:0		91-302/18:15:16	GCA-000/04:21:44	
Duration		00000004:13:0		000/00:04:11	000/00:04:11	
Top Label	GAPNGASPEC03-					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	181	Report Options			Real Time Activity	No
Observation Objective						
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>						
Design Detail						
Alias						
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Full Map mode at Long Map Nyquist sampling rate (0.03 mrad/sec). This is one of five Full Map observations in the Gaspra Far Encounter, the fifth of which verifies the observation in Full Map mode of the first quadrant.</p>						
Full Map (FM), Gain 4, Grating Start 0, Chopper 63Hz, MPW						
Last Changed	05/03/95	Changed By	FEL	10/08/91		
				13:58:04		
Galileo Activity Plan Form						rev 5/95



GAPNGASPER07

POINTER C4.1Wsusun: 9/23/1991 15:11:34

FILE:P.GAPNGASPER07

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPER07

S/C EPH:/gptr/eph/EE3P-091691.t

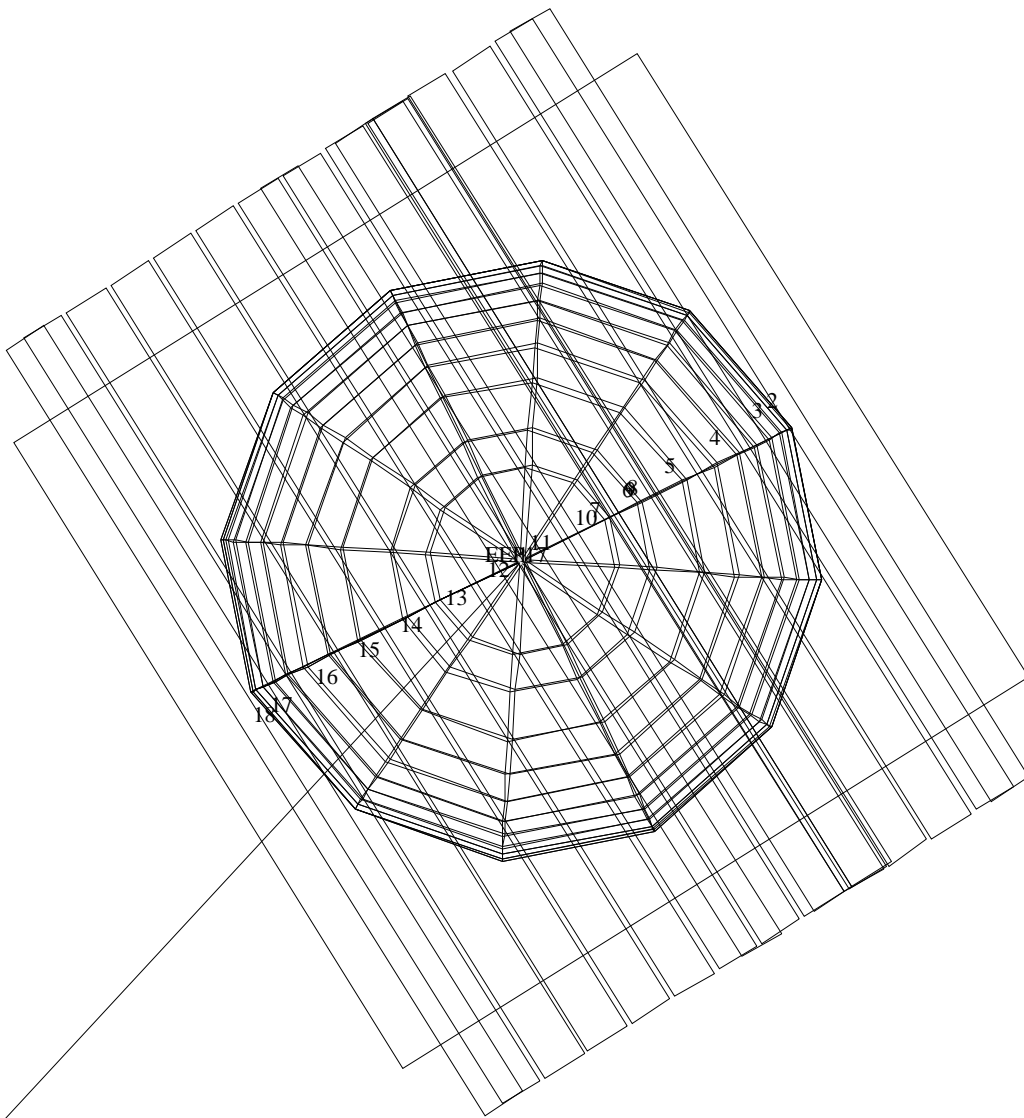
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 249:00:0

ACTIVITY:GAPNGASPER07

DESCRIP:NIMS 17 WVLNGTH NYQ RATE

Gaspra 15 Degree Periodic Rotation Sam		ACTIVITY ID:	GAPNGASPER07-		
		START TIME:	91-302/18:25:14		
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPER	SeqNo 07 Multi -
Title	Gaspra 15 Degree Periodic Rotation Sam			Instrument	NIMS
Requestor	C. Byrnes		Team	NIMS	Working Group AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91 Week 44
Start	GCA-CDS	00000249:00:0	91-302/18:25:14	GCA-000/04:11:46	
End	GCA-CDS	00000424:63:0	91-302/18:25:33	GCA-000/04:11:27	
Duration		00000000:28:0	000/00:00:19	000/00:00:19	
Top Label	GAPNGASPER07-				
Bottom Label					
Plot Key	NIMS	Riding Plot Key		Conflict	Yes
CDS Bytes	181	Report Options		Real Time Activity	No
Observation Objective					
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>					
Design Detail					
Alias					
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Fixed Map mode at Nyquist sampling rate (0.75 mrad/sec). This is one of 11 Fixed Map observations in the Gaspra Far Encounter, The Fixed Map observation planned for GEE-CDS 179:00:0 is missing due to negotiations with UVS.</p>					
Fixed Map (XM), Gain 4, Grating Start 6, Chopper 63Hz, MPW					
Last Changed	05/03/95	Changed By	FEL	10/08/91	13:58:04
Galileo Activity Plan Form					rev 5/95



GAPNGASCUR05

POINTER C4.1Wsusan: 9/23/1991 15:17:20

FILE:P.GAPSLTCRVB05

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVB05

S/C EPH:/gptr/eph/EE3P-091691.t

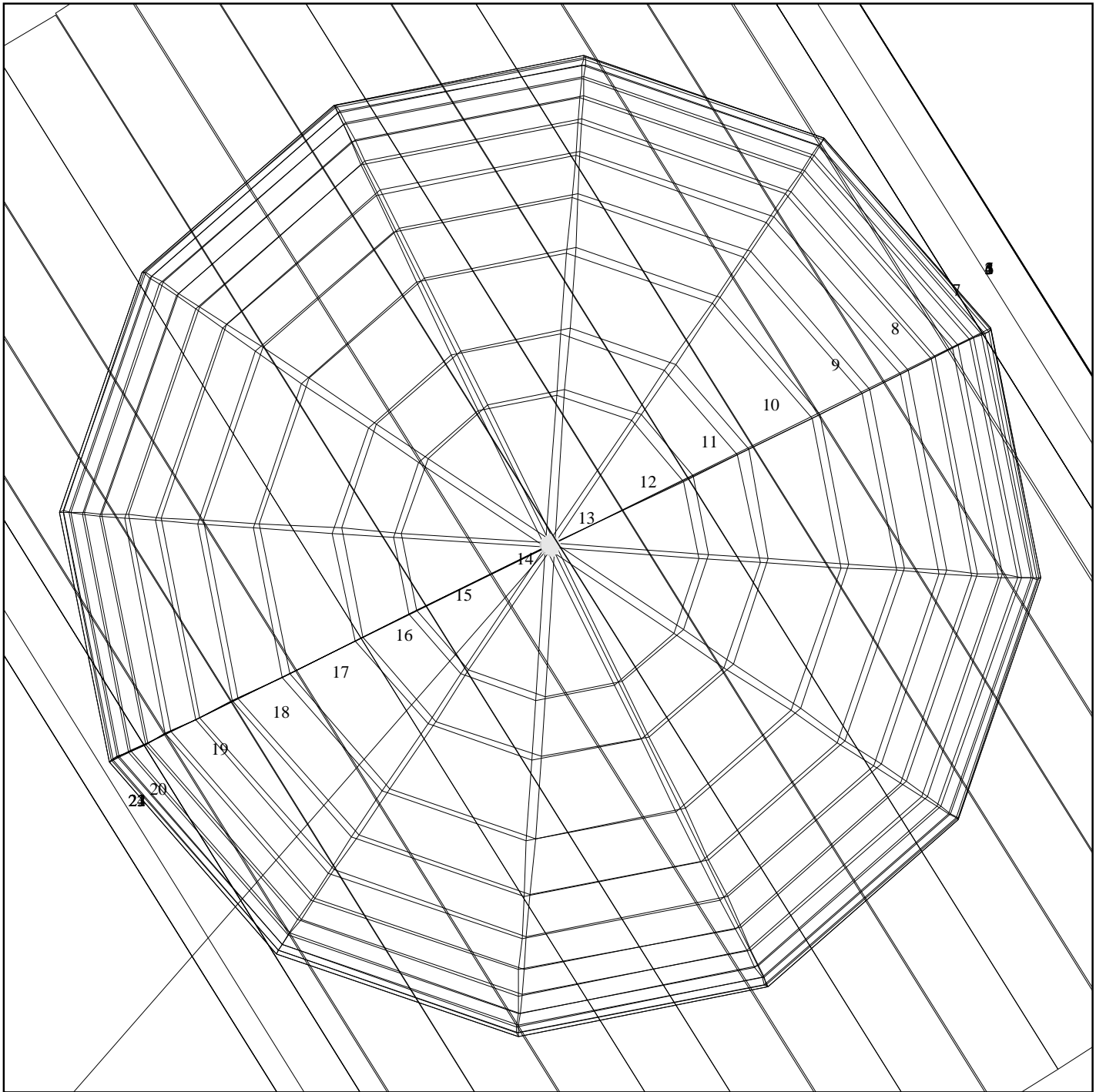
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 232:00:0

ACTIVITY:GAPSLTCRVB05

DESCRIP:SSI LTCRVB05/NIMS GASCUR05

Gaspra Spectral Light Curve		ACTIVITY ID:	GAPNGASCUR05+				
		START TIME:	91-302/18:42:26				
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASCUR	SeqNo 05	Multi +	
Title	Gaspra Spectral Light Curve			Instrument	NIMS		
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG	
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44	
Start	GCA-CDS	00000232:00:0		91-302/18:42:26	GCA-000/03:54:34		
End	GCA-CDS	00000230:59:0		91-302/18:25:33	GCA-000/03:53:12		
Duration		00000001:32:0		000/00:01:22	000/00:01:22		
Top Label	GAPNGASCUR05+						
Bottom Label							
Plot Key	NIMS	Riding Plot Key			Conflict	Yes	
CDS Bytes	181	Report Options			Real Time Activity	No	
Observation Objective							
<p>NIMS will observe the spectral light curve of Gaspra periodically throughout a full rotation of Gaspra (7.04 hours). This observation, combined with others, give 15 degree samples of Gaspra's rotation. Rotationally resolved data will aid in determining the nature of spectral differences on the surface of Gaspra, an asteroid suspected to have originated from a differentiated parent body.</p>							
Design Detail							
<p>SSI will cover the error ellipse in 4 colors every 90 degrees (before the SSI readout time (26.667 sec) to scan as much as is possible, repositions -0.5 mrad while the recorder winds down from SSI rates and up to NIMS rates, then finishes the single swath.</p>					Alias	GAPSLTCRVB05	
Short Map (SM), Gain 4, Grating Start 2, Chopper 63Hz, HCM,MPW							
Last Changed	05/03/95	Changed By	FEL				10/08/91 13:58:04
Galileo Activity Plan Form						rev 5/95	



GAPNGASPER08

POINTER C4.1Wsusana: 9/23/1991 15:20:31

FILE:P.GAPNGASPER08

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPER08

S/C EPH:/gptra/eph/EE3P-091691.t

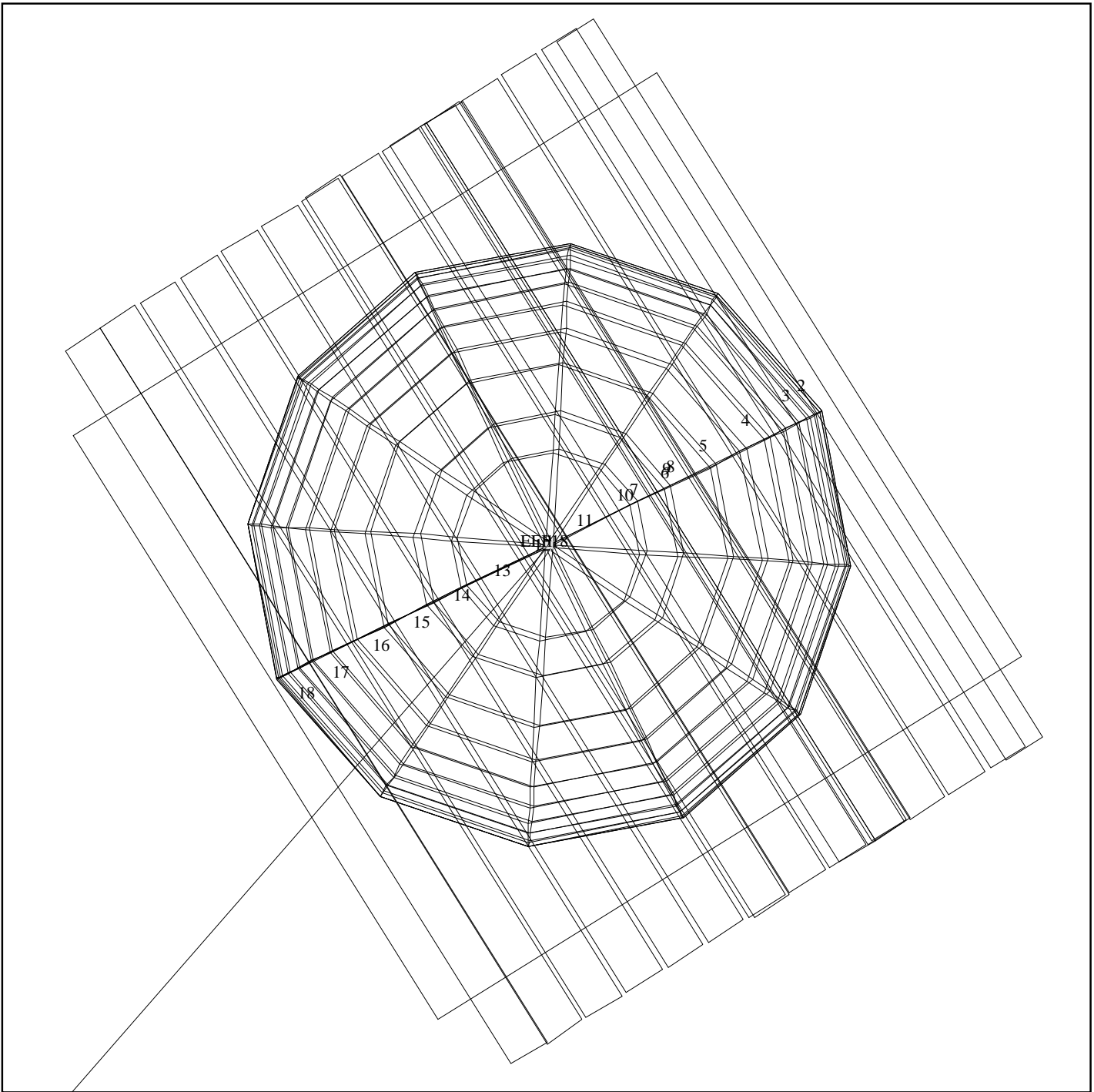
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 214:00:0

ACTIVITY:GAPNGASPER08

DESCRIP:NIMS 17 WVLNGTH NYQ RATE

Gaspra 15 Degree Periodic Rotation Sam		ACTIVITY ID:	GAPNGASPER08-		
		START TIME:	91-302/19:00:38		
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPER	SeqNo 08 Multi -
Title	Gaspra 15 Degree Periodic Rotation Sam			Instrument	NIMS
Requestor	C. Byrnes		Team	NIMS	Working Group AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91 Week 44
Start	GCA-CDS	00000214:00:0	91-302/19:00:38	GCA-000/03:36:22	
End	GCA-CDS	00000213:63:0	91-302/19:00:56	GCA-000/03:36:04	
Duration		00000000:28:0	000/00:00:18	000/00:00:18	
Top Label	GAPNGASPER08-				
Bottom Label					
Plot Key	NIMS	Riding Plot Key		Conflict	Yes
CDS Bytes	181	Report Options		Real Time Activity	No
Observation Objective					
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>					
Design Detail					
Alias					
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Fixed Map mode at Nyquist sampling rate (0.75 mrad/sec). This is one of 11 Fixed Map observations in the Gaspra Far Encounter, The Fixed Map observation planned for GEE-CDS 179:00:0 is missing due to negotiations with UVS.</p>					
Fixed Map (XM), Gain 4, Grating Start 6, Chopper 63Hz, MPW					
Last Changed	05/03/95	Changed By	FEL	10/08/91	13:58:04
Galileo Activity Plan Form					rev 5/95



GAPNGASCUR06

POINTER C4.1Wsusun: 9/23/1991 15:25:31

FILE:P.GAPSLTCRVB06

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVB06

S/C EPH:/gpnr/eph/EE3P-091691.t

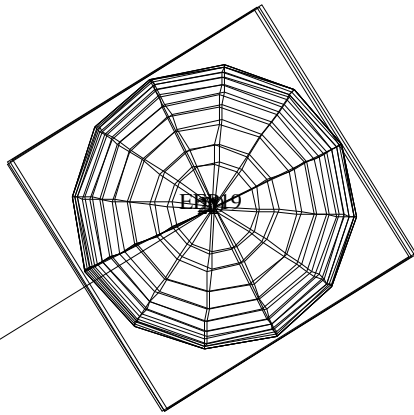
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 197:00:0

ACTIVITY:GAPSLTCRVB06

DESCRIP:SSI LTCRVB06/NIMS GASCUR06

Gaspra Spectral Light Curve		ACTIVITY ID:	GAPNGASCUR06+			
		START TIME:	91-302/19:17:49			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASCUR	SeqNo 06	Multi +
Title	Gaspra Spectral Light Curve			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000197:00:0		91-302/19:17:49	GCA-000/03:19:11	
End	GCA-CDS	00000195:77:0		91-302/19:18:59	GCA-000/03:18:01	
Duration		00000001:14:0		000/00:01:10	000/00:01:10	
Top Label	GAPNGASCUR06+					
Bottom Label						
Plot Key	NIMS	Riding Plot Key		Conflict	Yes	
CDS Bytes	181	Report Options		Real Time Activity	No	
Observation Objective						
<p>NIMS will observe the spectral light curve of Gaspra periodically throughout a full rotation of Gaspra (7.04 hours). This observation, combined with others, give 15 degree samples of Gaspra's rotation. Rotationally resolved data will aid in determining the nature of spectral differences on the surface of Gaspra, an asteroid suspected to have originated from a differentiated parent body.</p>						
Design Detail						
<p>SSI will cover the error ellipse in 4 colors every 90 degrees (before the SSI readout time (26.667 sec) to scan as much as is possible, repositions -0.5 mrad while the recorder winds down from SSI rates and up to NIMS rates, then finishes the single swath.</p>					Alias GAPSLTCRVB06	
Short Map (SM), Gain 4, Grating Start 2, Chopper 63Hz, HCM,MPW						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPSLTCRVC04

POINTER C4.1Wsusan: 9/25/1991 8:13: 5

FILE:P.GAPSLTCRVC04

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVC04

S/C EPH:/gptr/eph/EE3P-091691.t

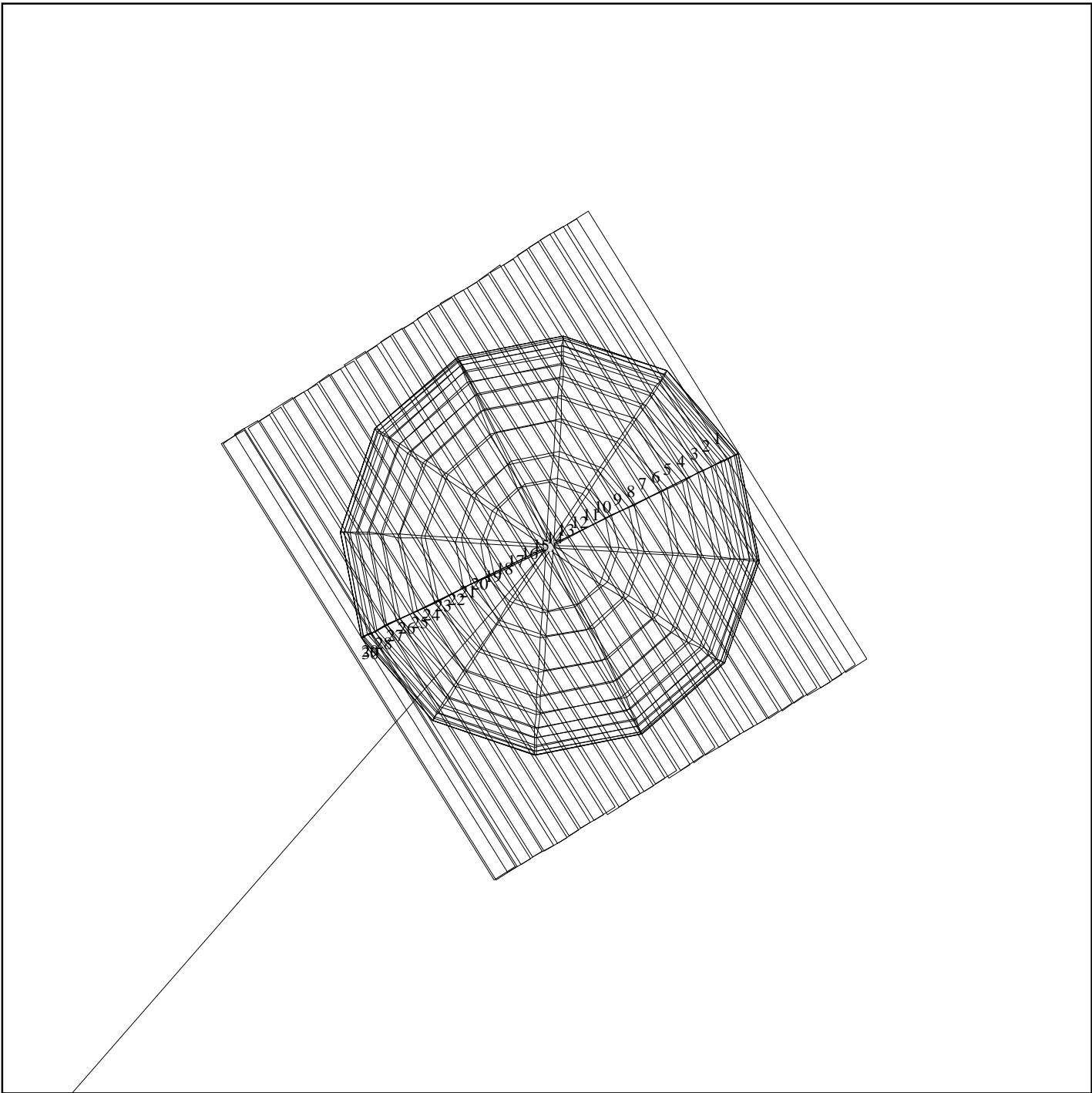
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 162:00:0

ACTIVITY:GAPSLTCRVC04

DESCRIP:4-FILTER LIGHTCURVE

Gaspra Distant Light Curve		ACTIVITY ID:	GAPSLTCRVC04*			
		START TIME:	91-302/20:13:26			
Activity ID:	Orbit GA	Target P	Inst S	OAPEL LTCRVC	SeqNo 04	Multi *
Title	Gaspra Distant Light Curve			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000144:00:0		91-302/20:13:26	GCA-000/02:25:36	
End	GCA-CDS	00000141:00:0		91-302/20:16:28	GCA-000/02:22:34	
Duration		00000003:00:0		000/00:03:02	000/00:03:02	
Top Label	GAPSLTCRVC04*					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	128	Report Options			Real Time Activity	No
Observation Objective						
<p>This observation is part of SSI's final rotation Gaspra 'movie' and lightcurve. Each segment of the total lightcurve covers 30 degrees of rotation of Gaspra. Every third segment is through four filters to give data on the color of Gaspra. The remaining segments are through a single filter.</p>						
Design Detail						
NIMS will ride-along behind SSI in various modes. Here, NIMS is in Short Map mode					Alias	
Short Map (SM), Gain 4, Grating Start 2, Chopper 63Hz, HCM						
Last Changed	05/03/95	Changed By	FEL	10/08/91 13:58:04		
Galileo Activity Plan Form						rev 5/95



GAPNGASPEC04

POINTER C4.1Wsusan: 9/25/1991 8:14:41

FILE:P.GAPNGASPEC04

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPEC04

S/C EPH:/gptra/eph/EE3P-091691.t

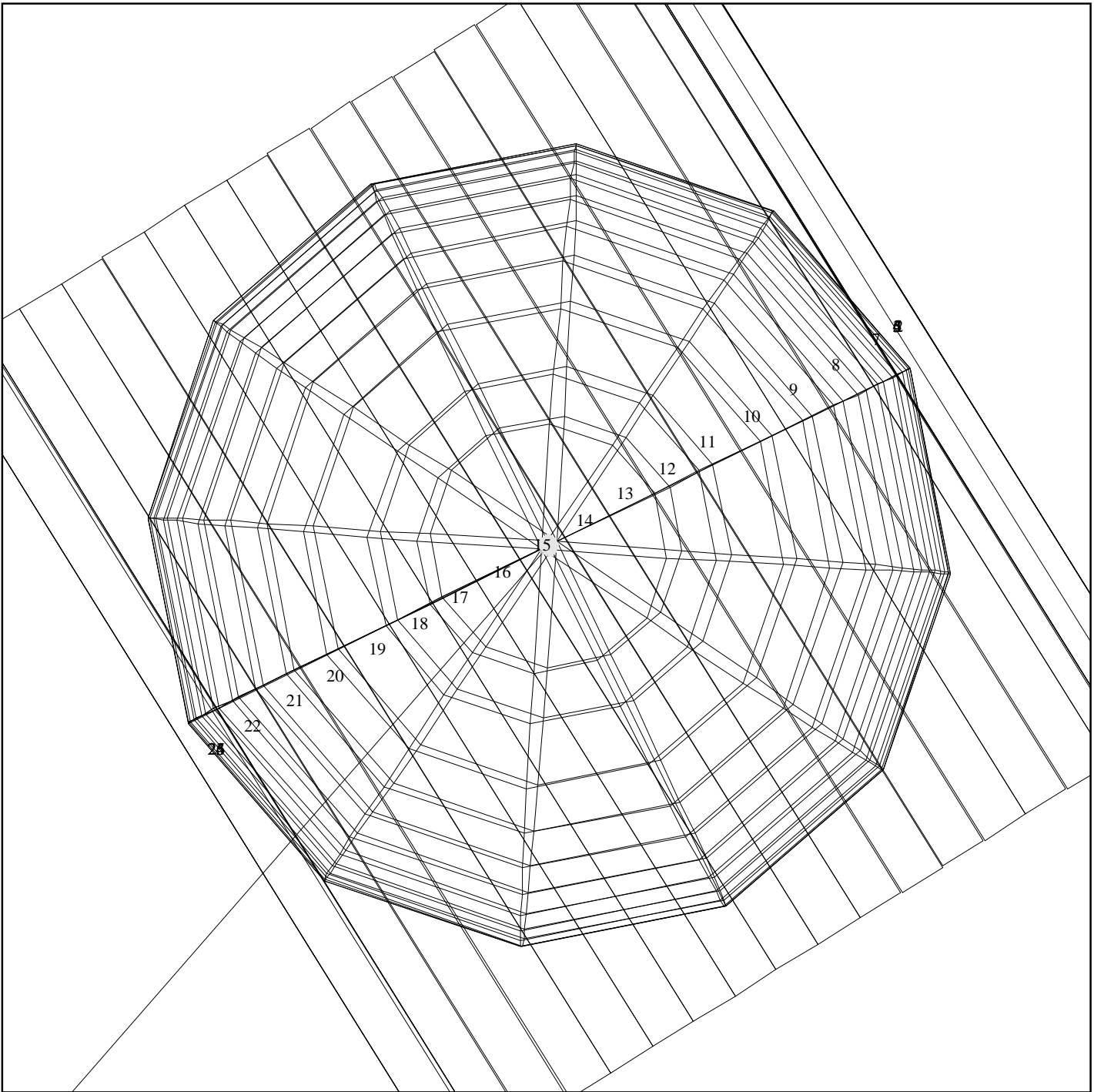
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 158:00:0

ACTIVITY:GAPNGASPEC04

DESCRIP:4TH NIMS 204 WVLGTHS LM NYQ RATE

Gaspra Highest Spectral Resolution Map		ACTIVITY ID:	GAPNGASPEC04-			
		START TIME:	91-302/19:57:15			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPEC	SeqNo 04	Multi -
Title	Gaspra Highest Spectral Resolution Map			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000158:00:0		91-302/19:57:15	GCA-000/02:39:45	
End	GCA-CDS	00000153:61:0		91-302/20:01:38	GCA-000/02:35:22	
Duration		00000004:30:0		000/00:04:23	000/00:04:23	
Top Label	GAPNGASPEC04-					
Bottom Label						
Plot Key	NIMS	Riding Plot Key		Conflict	Yes	
CDS Bytes	181	Report Options		Real Time Activity	No	
Observation Objective						
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>						
Design Detail						
Alias						
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Full Map mode at Long Map Nyquist sampling rate (0.03 mrad/sec). This is one of five Full Map observations in the Gaspra Far Encounter, the fifth of which verifies the observation in Full Map mode of the first quadrant.</p>						
Full Map (FM), Gain 4, Grating Start 0, Chopper 63Hz, MPW						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPNGASPER10

POINTER C4.1Wsusan: 9/25/1991 9: 8:36

FILE:P.GAPNGASPER10

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPER10

S/C EPH:/gp~~tr~~/eph/EE3P-091691.t

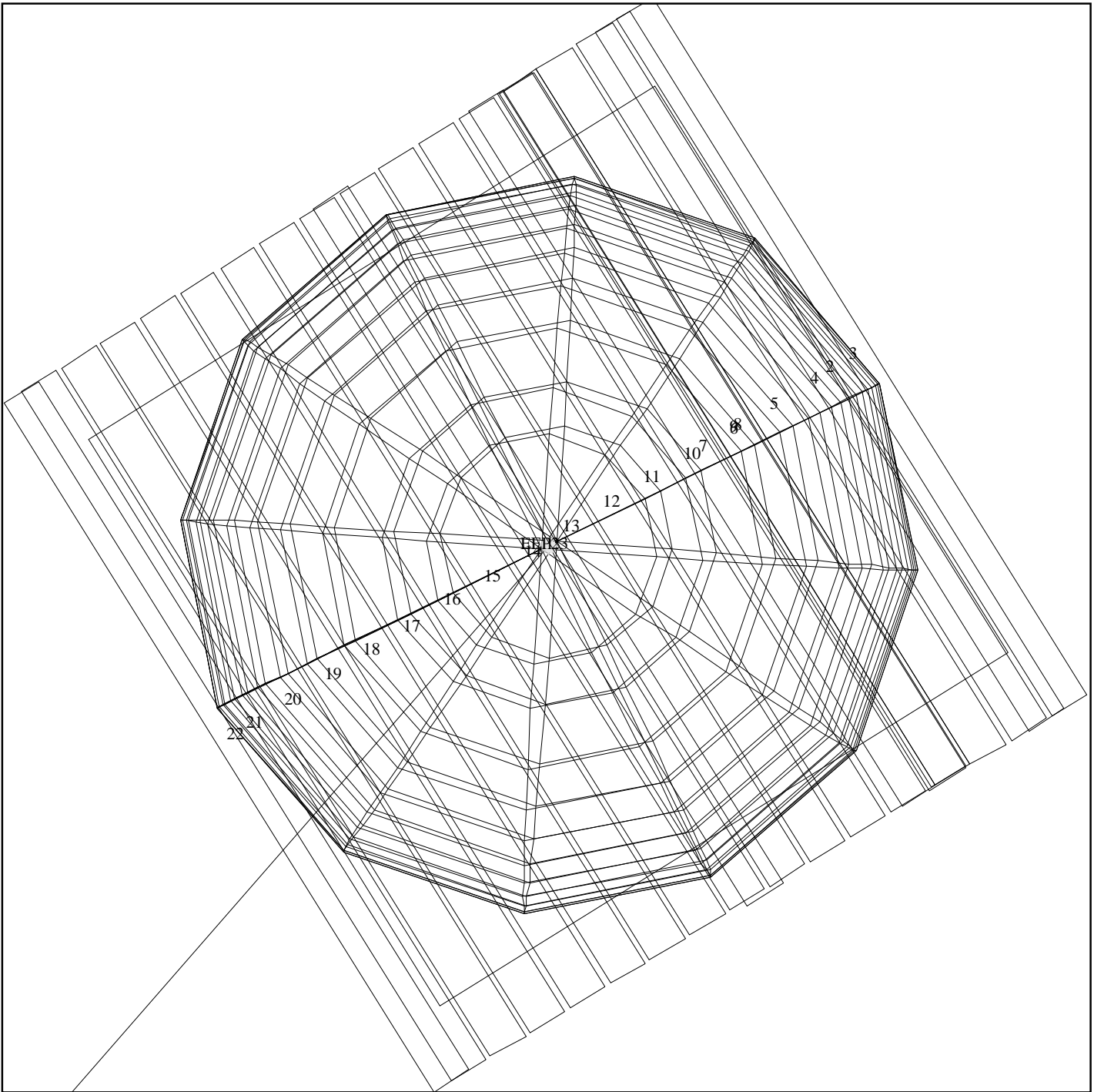
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 144:00:0

ACTIVITY:GAPNGASPER10

DESCRIP:NIMS 17 WVLNGTH NYQ RATE

Gaspra 15 Degree Periodic Rotation Sam		ACTIVITY ID:	GAPNGASPER10-		
		START TIME:	91-302/20:11:24		
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPER	SeqNo 10 Multi -
Title	Gaspra 15 Degree Periodic Rotation Sam			Instrument	NIMS
Requestor	C. Byrnes		Team	NIMS	Working Group AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91 Week 44
Start	GCA-CDS	00000144:00:0	91-302/20:11:24	GCA-000/02:25:36	
End	GCA-CDS	00000143:59:0	91-302/20:11:46	GCA-000/02:25:14	
Duration		00000000:32:0	000/00:00:22	000/00:00:22	
Top Label	GAPNGASPER10-				
Bottom Label					
Plot Key	NIMS	Riding Plot Key		Conflict	Yes
CDS Bytes	181	Report Options		Real Time Activity	No
Observation Objective					
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>					
Design Detail					
Alias					
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Fixed Map mode at Nyquist sampling rate (0.75 mrad/sec). This is one of 11 Fixed Map observations in the Gaspra Far Encounter, The Fixed Map observation planned for GEE-CDS 179:00:0 is missing due to negotiations with UVS.</p>					
Fixed Map (XM), Gain 4, Grating Start 6, Chopper 63Hz, MPW					
Last Changed	05/03/95	Changed By	FEL	10/08/91	13:58:04
Galileo Activity Plan Form					rev 5/95



GAPNGASCUR07

POINTER C4.1Wsusun: 9/25/1991 9:10:38

FILE:P.GAPSLTCRVB07

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVB07

S/C EPH:/gptra/eph/EE3P-091691.t

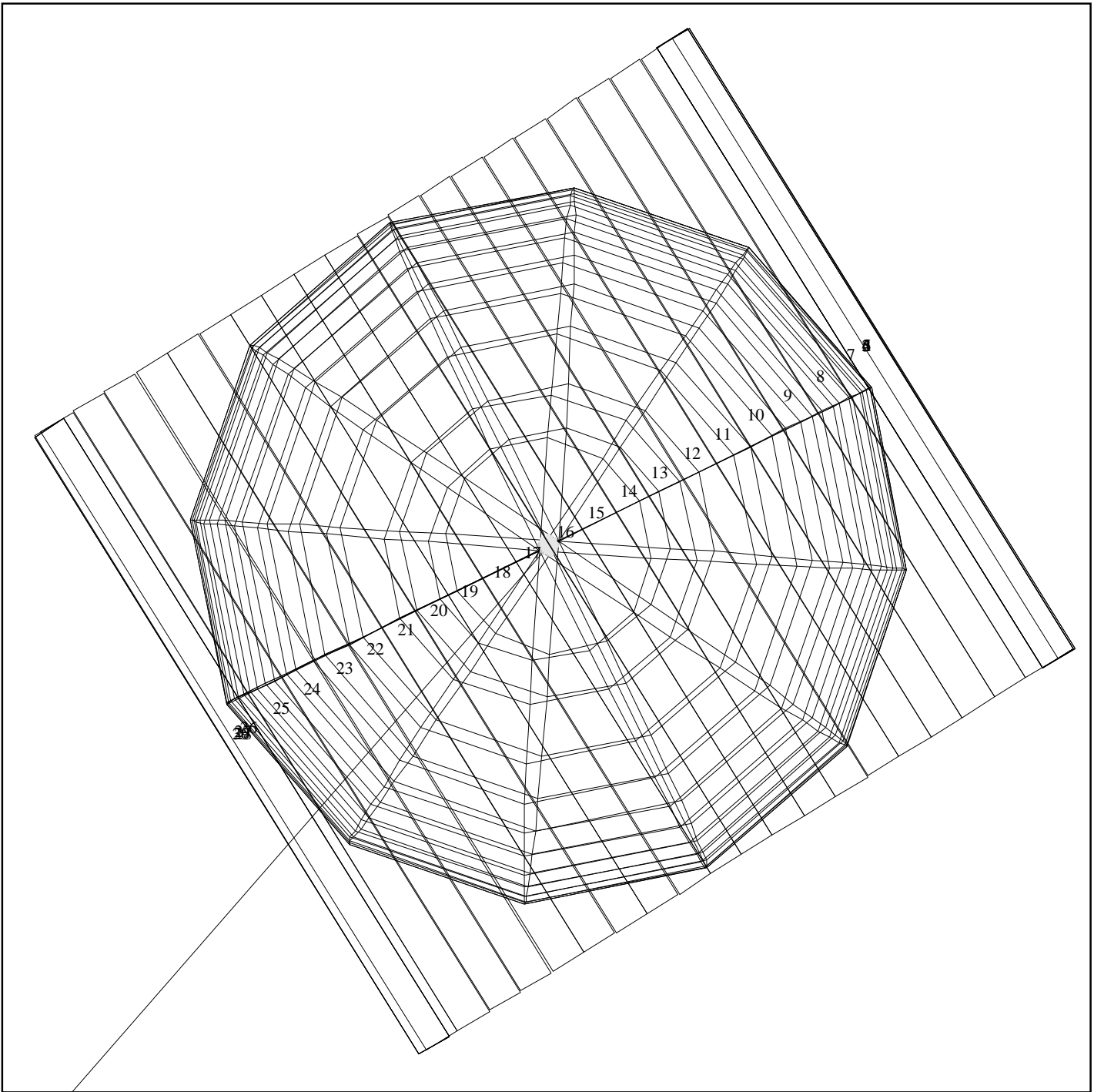
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 127:00:0

ACTIVITY:GAPSLTCRVB07

DESCRIP:SSI LTCRV07/NIMS GASCUR07

Gaspra Spectral Light Curve		ACTIVITY ID:	GAPNGASCUR07+			
		START TIME:	91-302/20:28:36			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASCUR	SeqNo 07	Multi +
Title	Gaspra Spectral Light Curve			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000127:00:0		91-302/20:28:36	GCA-000/02:08:24	
End	GCA-CDS	00000126:28:0		91-302/20:29:18	GCA-000/02:07:42	
Duration		00000000:63:0		000/00:00:42	000/00:00:42	
Top Label	GAPNGASCUR07+					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	181	Report Options			Real Time Activity	No
Observation Objective						
<p>NIMS will observe the spectral light curve of Gaspra periodically throughout a full rotation of Gaspra (7.04 hours). This observation, combined with others, give 15 degree samples of Gaspra's rotation. Rotationally resolved data will aid in determining the nature of spectral differences on the surface of Gaspra, an asteroid suspected to have originated from a differentiated parent body.</p>						
Design Detail						
<p>SSI will cover the error ellipse in 4 colors every 90 degrees (before the SSI readout time (26.667 sec) to scan as much as is possible, repositions -0.5 mrad while the recorder winds down from SSI rates and up to NIMS rates, then finishes the single swath.</p>					Alias GAPSLTCRVB07	
Short Map (SM), Gain 4, Grating Start 2, Chopper 63Hz, HCM,MPW						
Last Changed	05/03/95	Changed By	FEL	10/08/91 13:58:04		
Galileo Activity Plan Form						rev 5/95



GAPNGASPER11

POINTER C4.1Wsusana: 9/25/1991 9:12:30

FILE:P.GAPNGASPER11

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPER11

S/C EPH:/gptra/eph/EE3P-091691.t

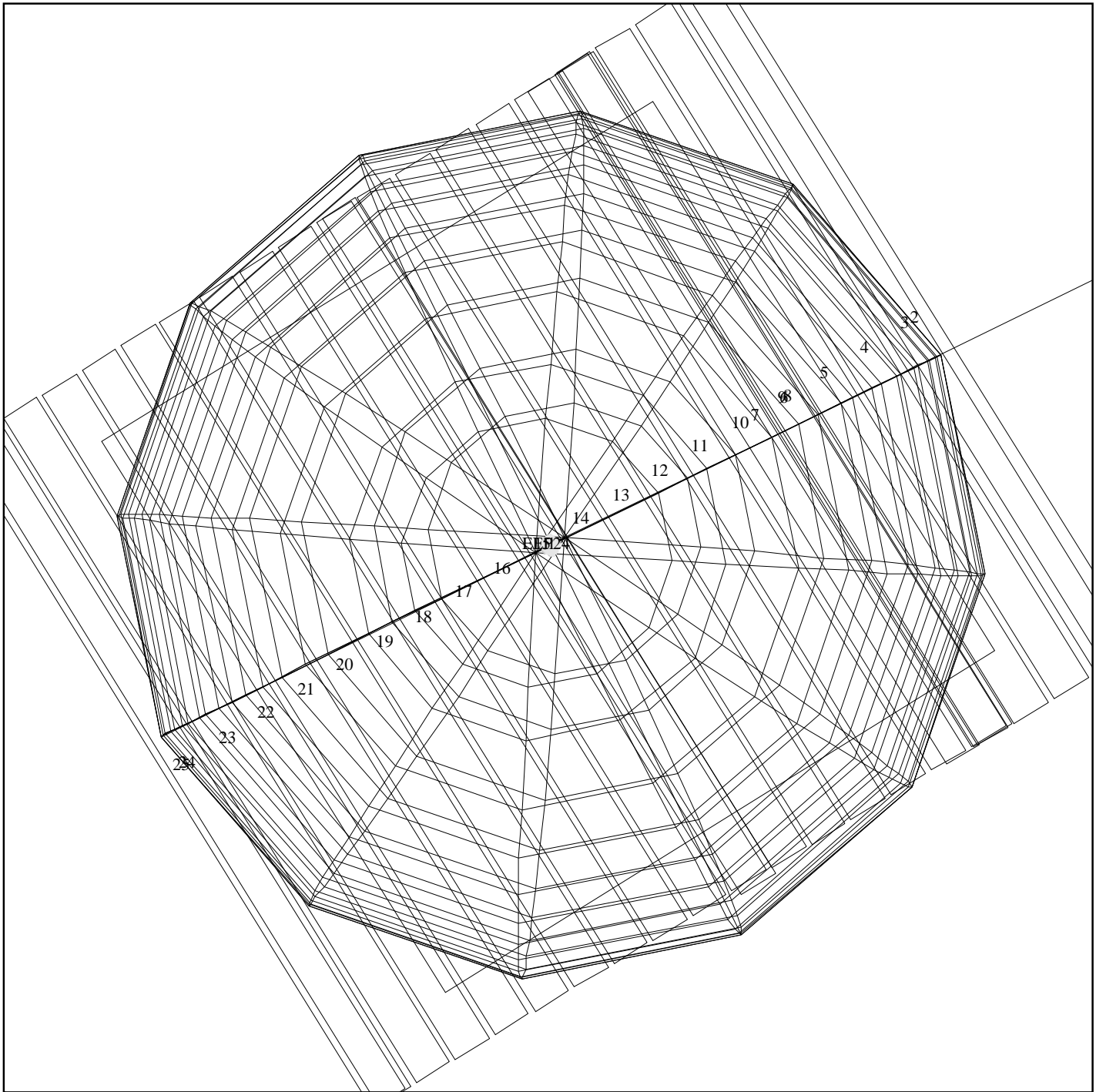
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 109:00:0

ACTIVITY:GAPNGASPER11

DESCRIP:NIMS 17 WVLNGTH NYQ RATE

Gaspra 15 Degree Periodic Rotation Sam		ACTIVITY ID:	GAPNGASPER11-		
		START TIME:	91-302/20:46:48		
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPER	SeqNo 11 Multi -
Title	Gaspra 15 Degree Periodic Rotation Sam			Instrument	NIMS
Requestor	C. Byrnes		Team	NIMS	Working Group AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91 Week 44
Start	GCA-CDS	00000109:00:0	91-302/20:46:48	GCA-000/01:50:12	
End	GCA-CDS	00000108:61:0	91-302/20:47:08	GCA-000/01:49:52	
Duration		00000000:30:0	000/00:00:20	000/00:00:20	
Top Label	GAPNGASPER11-				
Bottom Label					
Plot Key	NIMS	Riding Plot Key		Conflict	Yes
CDS Bytes	181	Report Options		Real Time Activity	No
Observation Objective					
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>					
Design Detail					
Alias					
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Fixed Map mode at Nyquist sampling rate (0.75 mrad/sec). This is one of 11 Fixed Map observations in the Gaspra Far Encounter, The Fixed Map observation planned for GEE-CDS 179:00:0 is missing due to negotiations with UVS.</p>					
Fixed Map (XM), Gain 4, Grating Start 6, Chopper 63Hz, MPW					
Last Changed	05/03/95	Changed By	FEL	10/08/91	13:58:04
Galileo Activity Plan Form					rev 5/95



GAPNGASCUR08

POINTER C4.1Wsusun: 9/25/1991 9:29:35

FILE:P.GAPSLTCRVB08

CENTRAL BODY:PLUTO

MINI:m.GAPSLTCRVB08

S/C EPH:/gptr/eph/EE3P-091691.t

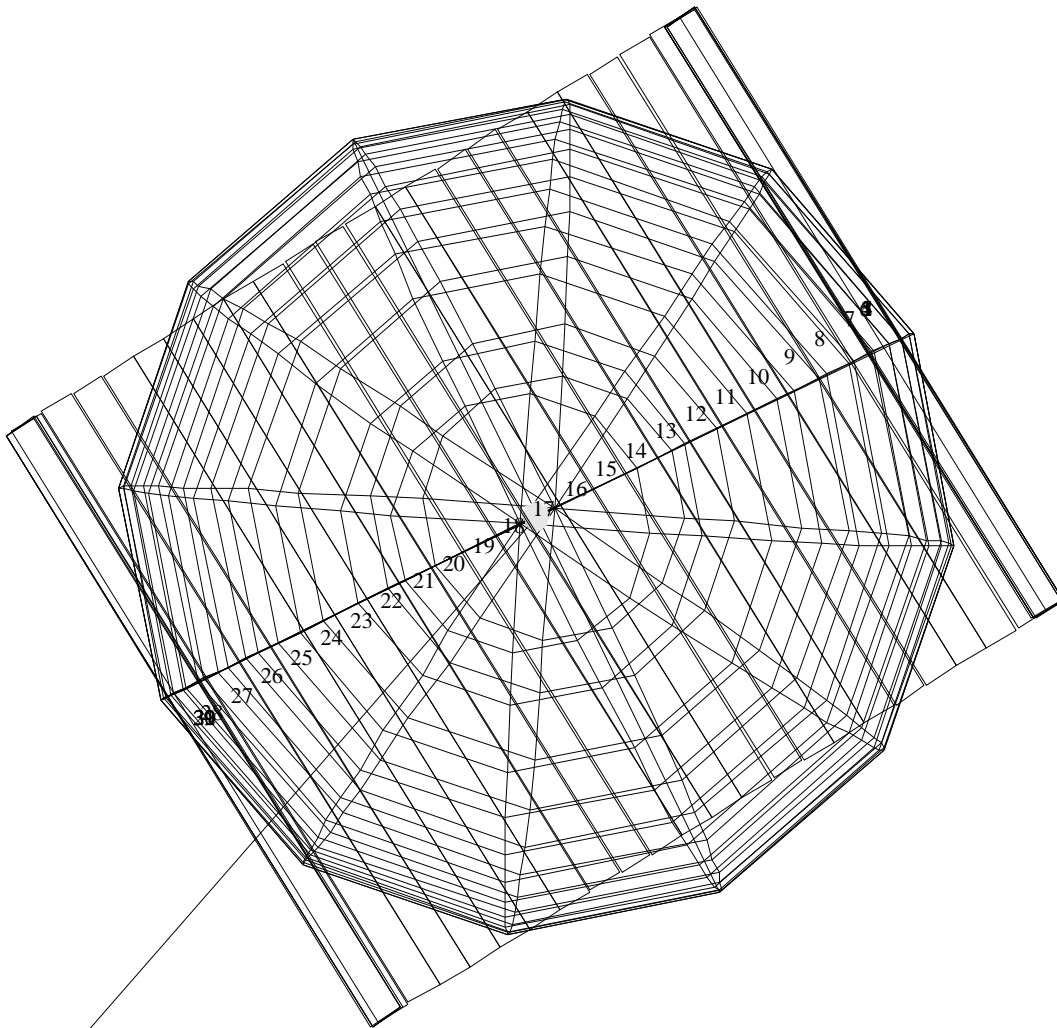
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 92:00:0

ACTIVITY:GAPSLTCRVB08

DESCRIP:SSI LTCRVB08/NIMS GASCUR08

Gaspra Spectral Light Curve		ACTIVITY ID:	GAPNGASCUR08+			
		START TIME:	91-302/21:03:59			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASCUR	SeqNo 08	Multi +
Title	Gaspra Spectral Light Curve			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000092:00:0		91-302/21:03:59	GCA-000/01:33:01	
End	GCA-CDS	00000090:08:0		91-302/21:05:55	GCA-000/01:31:05	
Duration		00000001:83:0		000/00:01:56	000/00:01:56	
Top Label	GAPNGASCUR08+					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	181	Report Options			Real Time Activity	No
Observation Objective						
<p>NIMS will observe the spectral light curve of Gaspra periodically throughout a full rotation of Gaspra (7.04 hours). This observation, combined with others, give 15 degree samples of Gaspra's rotation. Rotationally resolved data will aid in determining the nature of spectral differences on the surface of Gaspra, an asteroid suspected to have originated from a differentiated parent body.</p>						
Design Detail						
<p>SSI will cover the error ellipse in 4 colors every 90 degrees (before the SSI readout time (26.667 sec) to scan as much as is possible, repositions -0.5 mrad while the recorder winds down from SSI rates and up to NIMS rates, then finishes the single swath.</p>					Alias	GAPSLTCRVB08
Short Map (SM), Gain 3, Grating Start 2, Chopper 63Hz, HCM,MPW						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPNGASPER12

POINTER C4.1Wsusan: 9/25/1991 9:31:52

FILE:P.GAPNGASPER12

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPER12

S/C EPH:/gp/eph/EE3P-091691.t

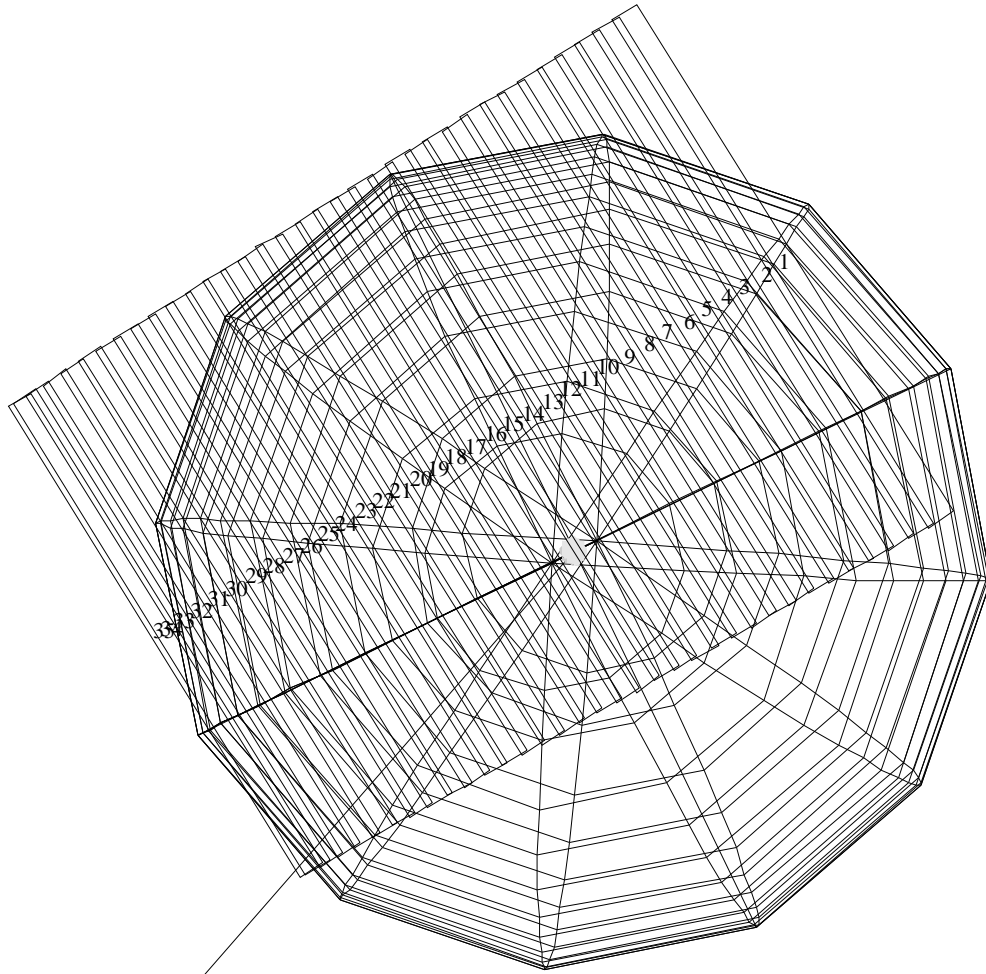
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 80:00:0

ACTIVITY:GAPNGASPER12

DESCRIP:NIMS 17 WVLNGTH NYQ RATE

Gaspra 15 Degree Periodic Rotation Sam		ACTIVITY ID:	GAPNGASPER12-		
		START TIME:	91-302/21:16:07		
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPER	SeqNo 12 Multi -
Title	Gaspra 15 Degree Periodic Rotation Sam			Instrument	NIMS
Requestor	C. Byrnes		Team	NIMS	Working Group AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91 Week 44
Start	GCA-CDS	00000080:00:0	91-302/21:16:07	GCA-000/01:20:53	
End	GCA-CDS	00000079:65:0	91-302/21:16:24	GCA-000/01:20:36	
Duration		00000000:26:0	000/00:00:17	000/00:00:17	
Top Label	GAPNGASPER12-				
Bottom Label					
Plot Key	NIMS	Riding Plot Key		Conflict	Yes
CDS Bytes	181	Report Options		Real Time Activity	No
Observation Objective					
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>					
Design Detail					
Alias					
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Fixed Map mode at Nyquist sampling rate (0.75 mrad/sec). This is one of 11 Fixed Map observations in the Gaspra Far Encounter, The Fixed Map observation planned for GEE-CDS 179:00:0 is missing due to negotiations with UVS.</p>					
Fixed Map (XM), Gain 3, Grating Start 6, Chopper 63Hz, MPW					
Last Changed	05/03/95	Changed By	FEL	10/08/91	13:58:04
Galileo Activity Plan Form					rev 5/95



GAPNGASPEC05

POINTER C4.1Wsusan: 9/25/1991 9:34:24

FILE:P.GAPNGASPEC05

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPEC05

S/C EPH:/gptra/eph/EE3P-091691.t

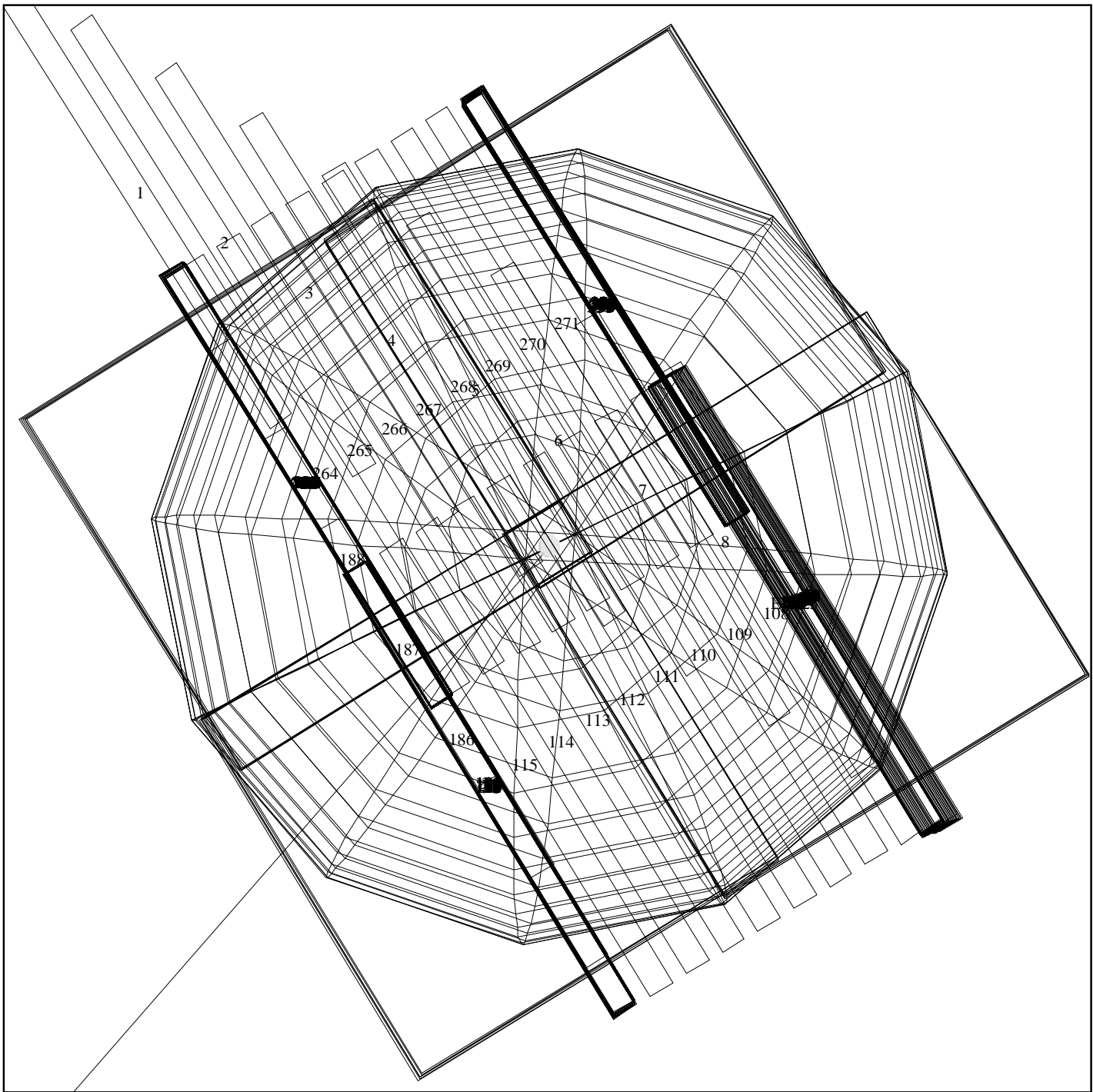
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 64:00:0

ACTIVITY:GAPNGASPEC05

DESCRIP:NIMS 204 WVLGTHS@LM NYQUIST RATE

Gaspra Highest Spectral Resolution Map		ACTIVITY ID:	GAPNGASPEC05-			
		START TIME:	91-302/21:32:18			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPEC	SeqNo 05	Multi -
Title	Gaspra Highest Spectral Resolution Map			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000064:00:0		91-302/21:32:18	GCA-000/01:04:42	
End	GCA-CDS	00000058:89:0		91-302/21:37:22	GCA-000/00:59:38	
Duration		00000005:02:0		000/00:05:04	000/00:05:04	
Top Label	GAPNGASPEC05-					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	181	Report Options			Real Time Activity	No
Observation Objective						
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>						
Design Detail						
Alias						
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Full Map mode at Long Map Nyquist sampling rate (0.03 mrad/sec). This is one of five Full Map observations in the Gaspra Far Encounter, the fifth of which verifies the observation in Full Map mode of the first quadrant.</p>						
Full Map (FM), Gain 1, Grating Start 0, Chopper 63Hz, MPW						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPNGASVIS01

POINTER C4.1Wsusan: 9/25/1991 9:50:30

FILE:P.GAPS6FILTR01

CENTRAL BODY:PLUTO

MINI:m.GAPS6FILTR01

S/C EPH:/gptr/eph/EE3P-091691.t

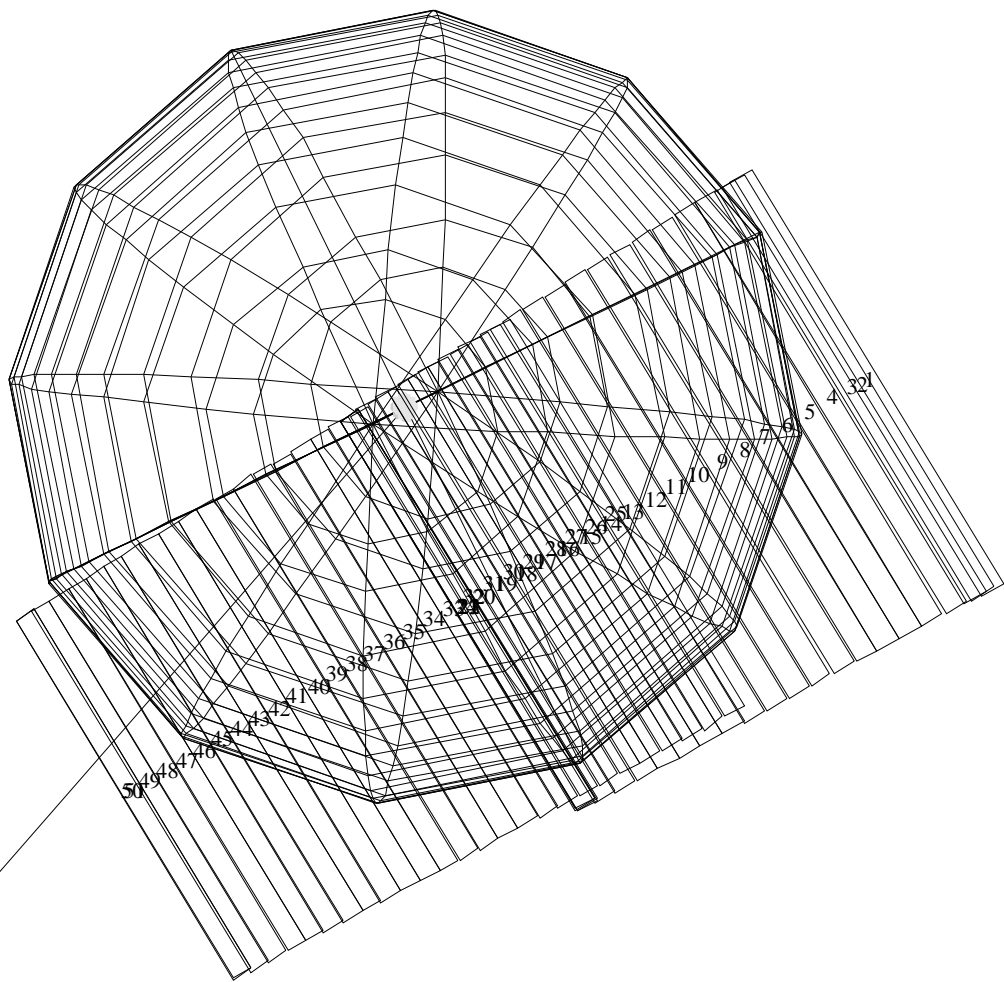
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 58:00:0

ACTIVITY:GAPS6FILTR01

DESCRIP:6-FILT 2X2 MOS

Gaspra Lower Phase Vista		ACTIVITY ID:	GAPNGASVIS01*			
		START TIME:	91-302/21:38:22			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASVIS	SeqNo 01	Multi *
Title	Gaspra Lower Phase Vista			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000058:00:0		91-302/21:38:22	GCA-000/00:58:38	
End	GCA-CDS	00000054:52:0		91-302/21:41:50	GCA-000/00:55:10	
Duration		00000003:39:0		000/00:03:28	000/00:03:28	
Top Label	GAPNGASVIS01*					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	89	Report Options			Real Time Activity	No
Observation Objective						
<p>This observation will be done in two modes. If Gaspra is captured while in the first, Gaspra will be analyzed in 408 wavelengths. If Gaspra is sampled while NIMS is in the second mode, 17 wavelength samples will be made.</p>						
Design Detail						
					Alias	GAPS6FILTR01
<p>This observation is a ride-along with a 6 filter, 2x2 SSI mosaic in IM4 (8.667 sec shutter cycle). It will be the first opportunity to use the special sequence capability of the NIMS instrument.</p>						
<p>NIMS will be commanded to Long Map mode while SSI shutters with 6 filters, and then will be commanded into Fixed Map mode while the scan platform slews at 1.2 mrad/sec to the next position of the 2x2 mosaic. This NIMS mode is a variation of the NIMS Stop-and-Slide mode.</p>						
<p>Special Sequence 12: Stop-and-Slide using Fixed Map and Long Map</p>						
<p>Fixed Map (XM), Gain 1, Grating Start 6, Chopper 63Hz, IM4, Repeat 6 Long Map (LM), Gain 1, Grating Start 0, Chopper 63Hz, IM4, Repeat 3</p>						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



43.60 143.40 143.20 143.00 142.80 142.688.0 142.705 142.00 86.42.00

GAPNGASPEC06

POINTER C4.1Wsusan: 9/25/1991 10: 3:18

FILE:P.GAPNGASPEC06

CENTRAL BODY:PLUTO

MINI:m.GAPNGASPEC06

S/C EPH:/gptr/eph/EE3P-091691.t

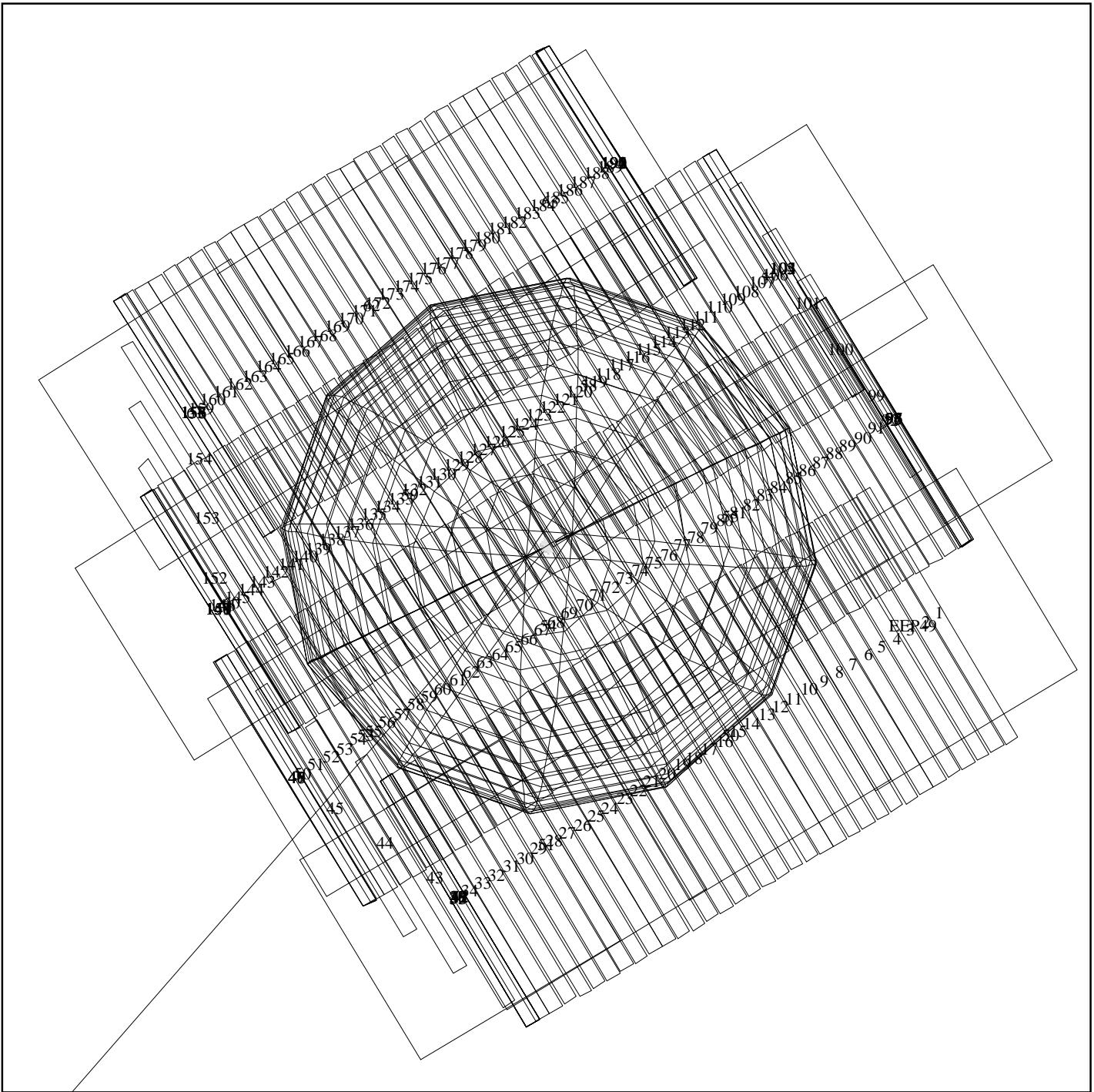
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 52:00:0

ACTIVITY:GAPNGASPEC06

DESCRIP:NIMS 204 WVLGTHS@LM NYQUIST RATE

Gaspra Highest Spectral Resolution Map		ACTIVITY ID:	GAPNGASPEC06-		
		START TIME:	91-302/21:44:26		
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPEC	SeqNo 06 Multi -
Title	Gaspra Highest Spectral Resolution Map			Instrument	NIMS
Requestor	C. Byrnes		Team	NIMS Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91 Week 44
Start	GCA-CDS	00000052:00:0		91-302/21:44:26	GCA-000/00:52:34
End	GCA-CDS	00000045:13:0		91-302/21:51:22	GCA-000/00:45:38
Duration		00000006:78:0		000/00:06:56	000/00:06:56
Top Label	GAPNGASPEC06-				
Bottom Label					
Plot Key	NIMS	Riding Plot Key		Conflict	Yes
CDS Bytes	181	Report Options		Real Time Activity	No
Observation Objective					
<p>NIMS will perform a disk spectral integration of Gaspra which, when combined with other observations, will provide 15 degree rotational samples. Rotationally resolved data will help determine the nature of spectral differences on Gaspra, suspected to have originated from a differentiated parent body.</p>					
Design Detail					
Alias					
<p>NIMS will map the error ellipse plus scan platform error with a single swath in Full Map mode at Long Map Nyquist sampling rate (0.03 mrad/sec). This is one of five Full Map observations in the Gaspra Far Encounter, the fifth of which verifies the observation in Full Map mode of the first quadrant.</p>					
Full Map (FM), Gain 1, Grating Start 0, Chopper 63Hz, MPW					
Last Changed	05/03/95	Changed By	FEL		10/08/91 13:58:04
Galileo Activity Plan Form					rev 5/95



GAPNGASVIS02

POINTER C4.1Wsusan: 9/25/1991 10:11:10

FILE:P.GAPSTWKINS01

CENTRAL BODY:PLUTO

MINI:m.GAPSTWKINS01

S/C EPH:/gptr/eph/EE3P-091691.t

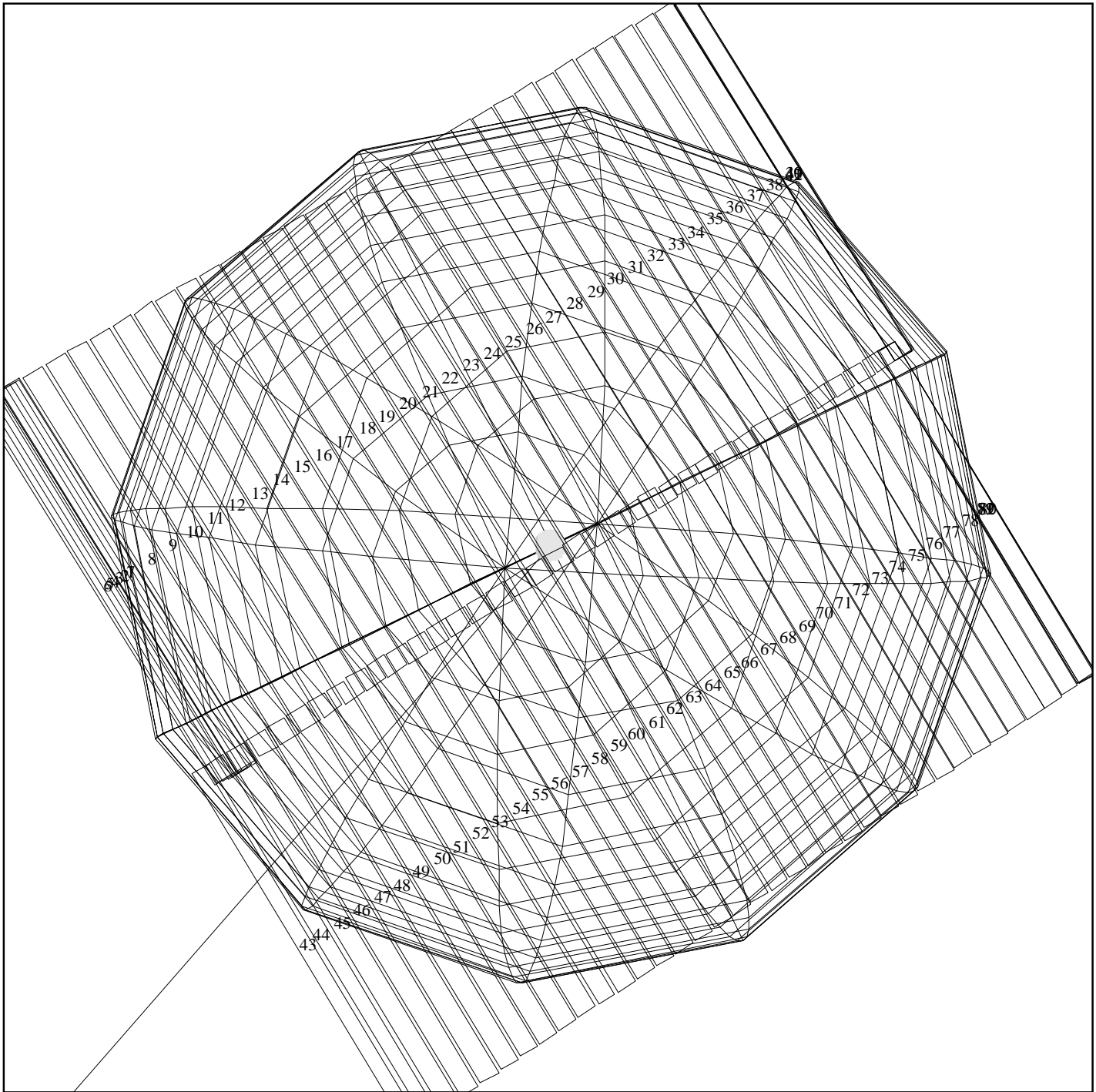
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 44:00:0

ACTIVITY:GAPSTWKINS01

DESCRIP:4X4X1 TWEAK INSURANCE

Gaspra Lower Phase Vista		ACTIVITY ID:	GAPNGASVIS02*			
		START TIME:	91-302/21:52:31			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASVIS	SeqNo 02	Multi *
Title	Gaspra Lower Phase Vista			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000044:00:0		91-302/21:52:31	GCA-000/00:44:29	
End	GCA-CDS	00000041:78:0		91-302/21:54:41	GCA-000/00:42:19	
Duration		00000002:13:0		000/00:02:10	000/00:02:10	
Top Label	GAPNGASVIS02*					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	37	Report Options			Real Time Activity	No
Observation Objective						
This observation provides an insurance against a tweak failure by covering the untweaked error ellipse.						
Design Detail						
This observation is a ride-along with a 1 filter,				Alias	GAPSTWKINS01	
(8.667 sec shutter cycle). NIMS will use the Fixed Map mode while the scan platform slews at 0.85 mrad/sec.						
Fixed Map (XM), Gain 1, Grating Start 6, Chopper 63Hz, IM4						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPNGSCHEM02

POINTER C4.1Wsusana: 9/25/1991 10:15: 5

FILE:P.GAPNGSCHEM02

CENTRAL BODY:PLUTO

MINI:m.GAPNGSCHEM02

S/C EPH:/gptra/eph/EE3P-091691.t

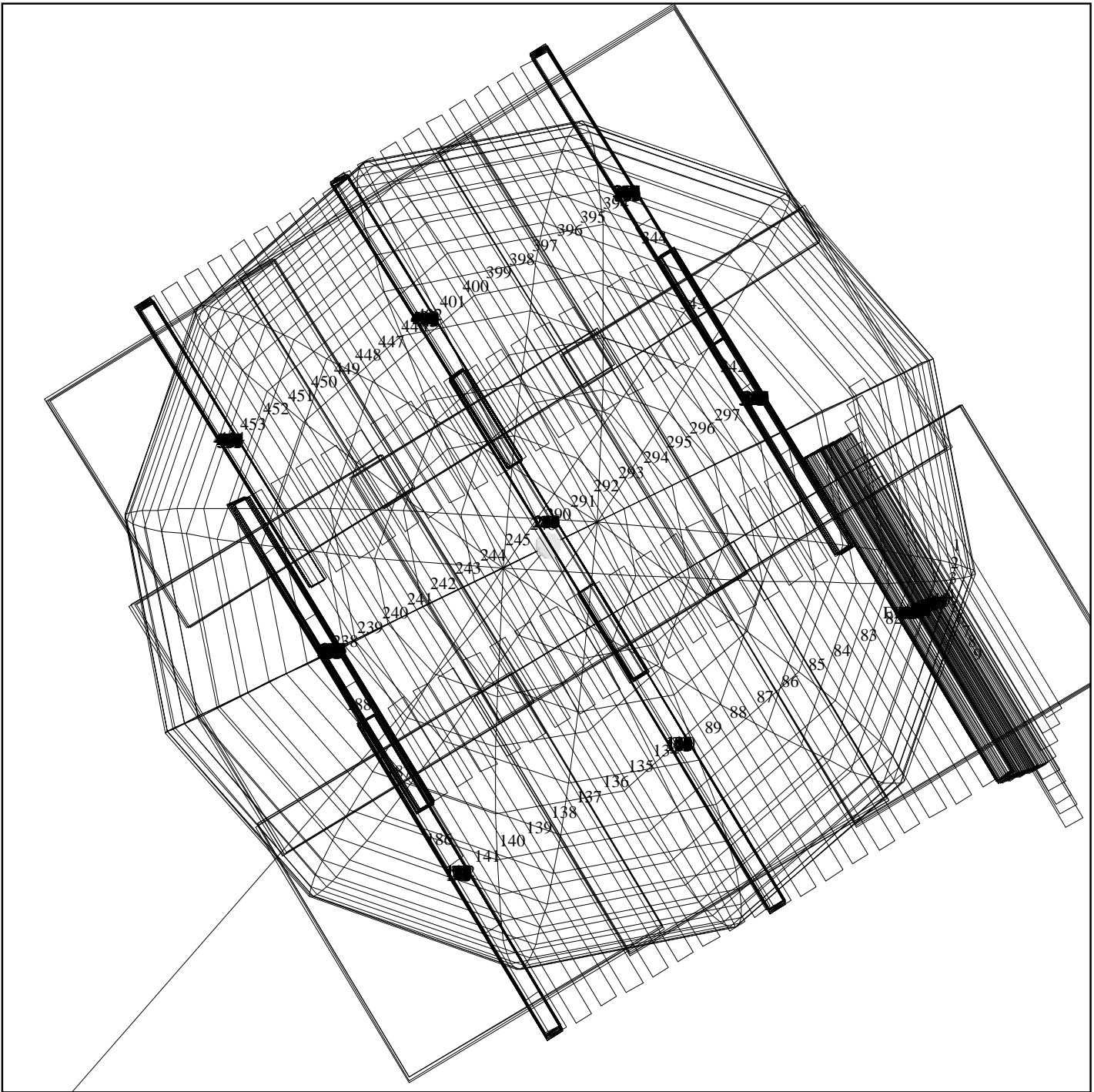
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 42:00:0

ACTIVITY:GAPNGSCHEM02

DESCRIP:NIMS 102 WVLNGTH HEMISPHERES

Gaspra Chemical Study		ACTIVITY ID:	GAPNGSCHEM02+			
		START TIME:	91-302/21:55:26			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GSCHEM	SeqNo 02	Multi +
Title	Gaspra Chemical Study			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000041:11:0		91-302/21:55:26	GCA-000/00:41:34	
End	GCA-CDS	00000035:20:0		91-302/22:01:24	GCA-000/00:35:36	
Duration		00000005:82:0		000/00:05:58	000/00:05:58	
Top Label	GAPNGSCHEM02+					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	386	Report Options			Real Time Activity	No
Observation Objective						
Study chemical heterogeneity of Gaspra using 102 wavelengths.						
Design Detail						
						Alias
<p>This OAPEL was originally the 2nd of 4 separate scans of the error ellipse in Short Map mode at Nyquist sampling rate (0.11 mrad/sec). The first of those scans, GSCHEM01, was replaced with GASPEC06 after growth in the OPNAV-reported 1 sigma error ellipse size late in sequencing. Therefore, GSCHEM02 now marks the first of 3 separate error ellipse scans. In the actual sequence, the GSCHEM03 OAPEL has been incorporated into the GSCHEM02 activity. That is, the NIMS observation GSCHEM02 actually includes both GSCHEM02 and GSCHEM03 OAPELS to agree with their definitions: that each would cover each hemisphere of the error ellipse without attention to the amount of overlap between the two strips. GSCHEM04 will then scan the center of the error ellipse which has minimal coverage in GSCHEM02.</p>						
Short Map (SM), Gain 1, Grating Start 2, Chopper 63Hz, MPW						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPNGASNAP01

POINTER C4.1Wsusan: 9/25/1991 10:17:29

FILE:P.GAPS4FILTR01

CENTRAL BODY:PLUTO

MINI:m.GAPS4FILTR01

S/C EPH:/gptr/eph/EE3P-091691.t

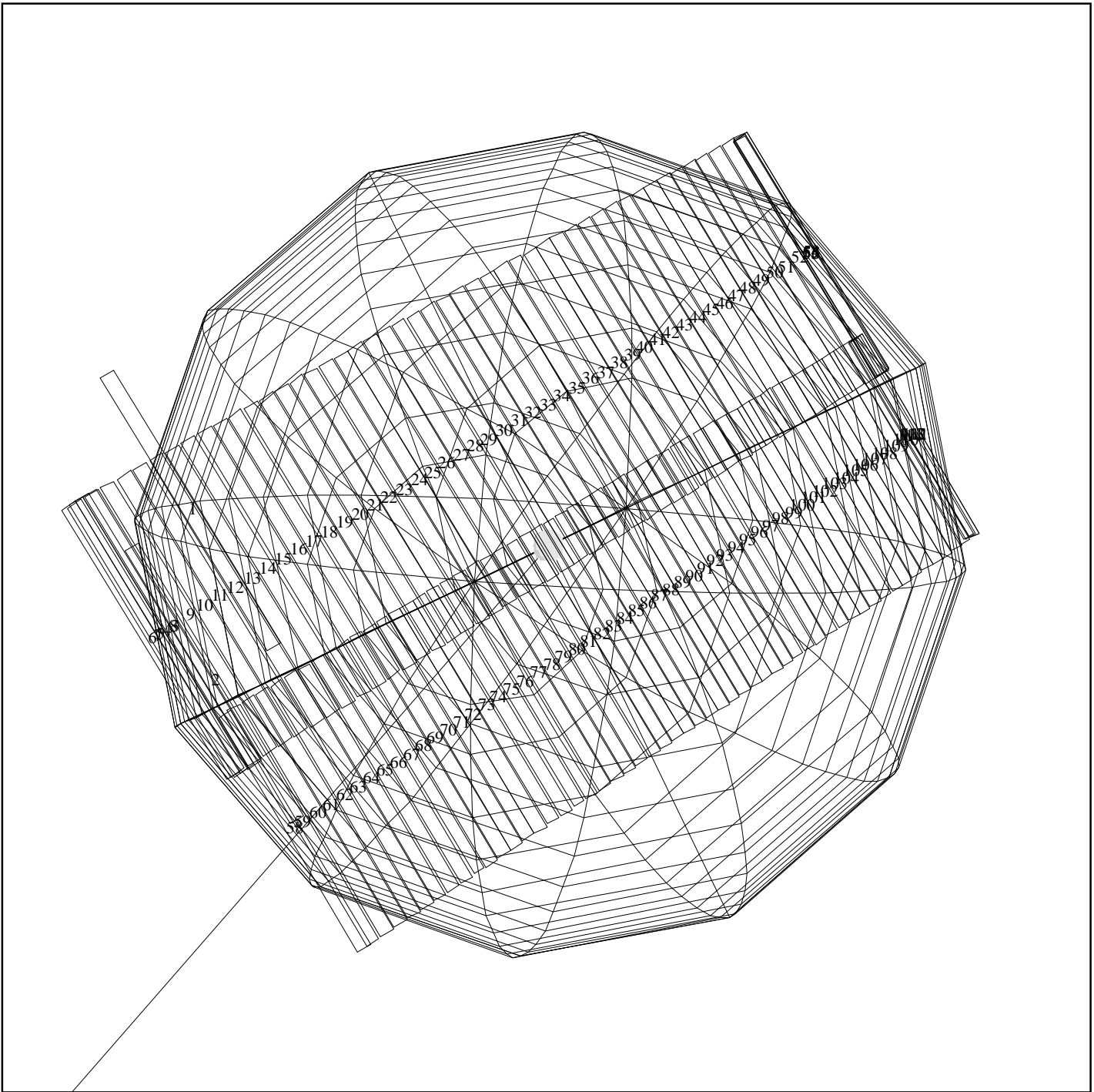
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.662 -CDS 35:00:0

ACTIVITY:GAPS4FILTR01

DESCRIP:3X3 4-FILTER MOSAIC

Gaspra Snapshot at Lower Phase Angles		ACTIVITY ID:	GAPNGASNAP01*			
		START TIME:	91-302/22:01:44			
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASNAP	SeqNo 01	Multi *
Title	Gaspra Snapshot at Lower Phase Angles			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA-CDS	00000034:81:0		91-302/22:01:44	GCA-000/00:35:16	
End	GCA-CDS	00000030:19:0		91-302/22:06:28	GCA-000/00:30:32	
Duration		00000004:62:0		000/00:04:44	000/00:04:44	
Top Label	GAPNGASNAP01*					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	112	Report Options			Real Time Activity	No
Observation Objective						
<p>NIMS will acquire the highest spectral resolution data of Gaspra (408 wavelengths) if captured in the NIMS field of view while SSI takes their highest resolution, four color observation of Gaspra. Otherwise, NIMS will acquire a Fixed Map spectrum of Gaspra as the scan platform slews into position for the next SSI frame.</p>						
Design Detail						
				Alias	GAPS4FILTR01	
<p>SSI will shutter a 3x3 mosaic with 4 filters. As the scan platform slews between the 4 filter sets, NIMS will be commanded through a Special Sequence to Fixed Map mode. When the scan platform is stationary for shuttering of the 4 filter sets, NIMS will be commanded to Long Map mode. This NIMS mode is a variation of the NIMS Stop and Slide Mode.</p>						
<p>Special Sequence 13: Stop-and-Slide using Long Map and Fixed Map</p>						
<p>Long Map (LM), Gain 1, Grating Start 0, Chopper 63Hz, IM4, Repeat 2 Fixed Map (XM), Gain 1, Grating Start 6, Chopper 63Hz, IM4, Repeat 4</p>						
Last Changed	05/03/95	Changed By	FEL		10/08/91	13:58:04
Galileo Activity Plan Form						rev 5/95



GAPNGSCHEM04

POINTER C4.1Wsusan: 9/25/1991 10:26:14

FILE:P.GAPNGSCHEM04

CENTRAL BODY:PLUTO

MINI:m.GAPNGSCHEM04

S/C EPH:/gptra/eph/EE3P-091691.t

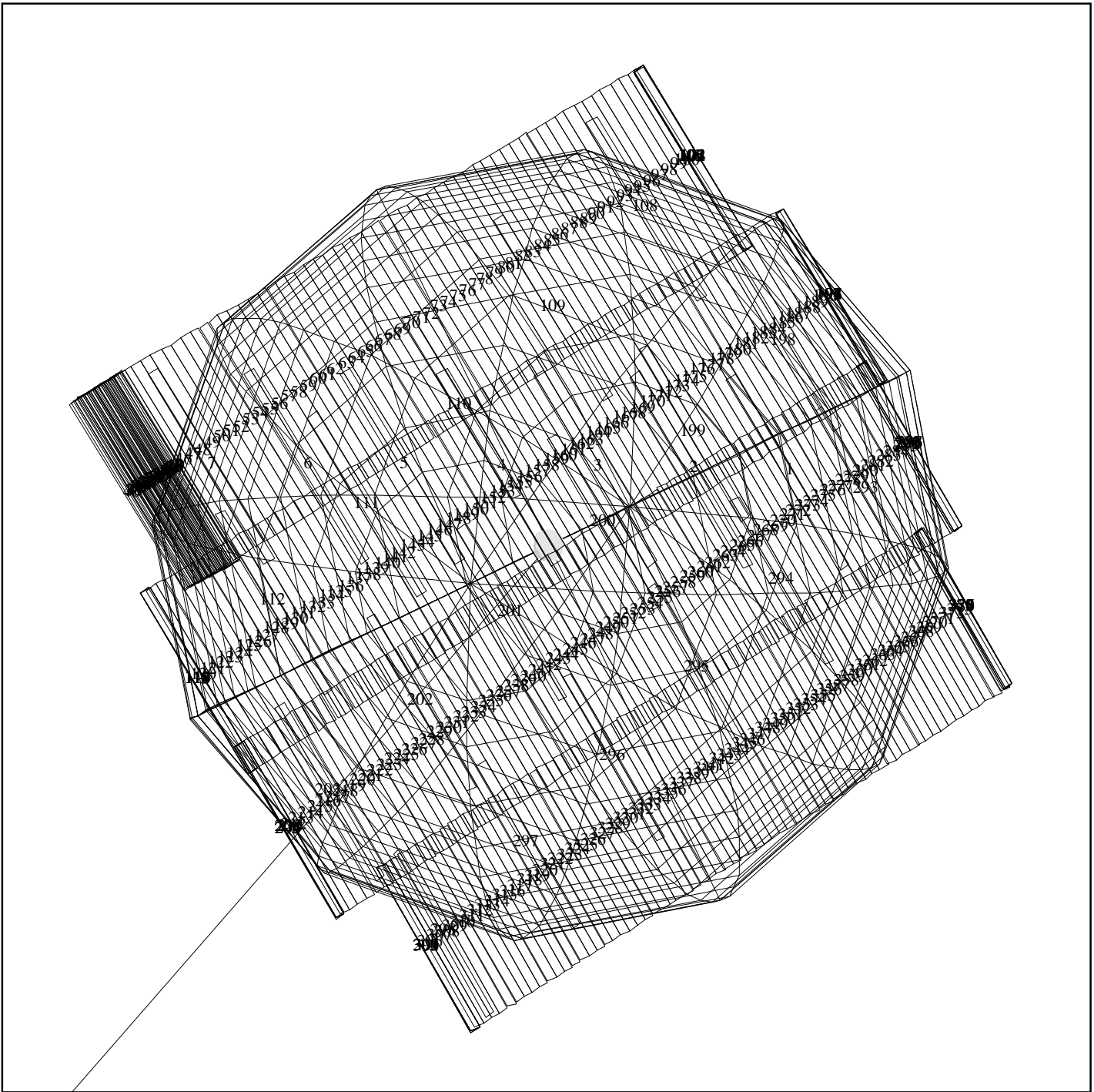
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 29:00:0

ACTIVITY:GAPNGSCHEM04

DESCRIP:NIMS 102 WVLNGTH CTR ELLIPSE

Gaspra Chemical Study		ACTIVITY ID: GAPNGSCHEM04+	
		START TIME: 91-302/22:08:09	
Activity ID: Orbit GA Target P Inst N OAPEL GSCHEM SeqNo 04 Multi +			
Title	Gaspra Chemical Study		Instrument NIMS
Requestor	C. Byrnes	Team NIMS	Working Group AWG
Time System	CDS	Load ID EE3	Calendar Date 10/29/91 Week 44
Start	GCA-CDS 00000028:49:0	91-302/22:08:09	GCA-000/00:28:51
End	GCA-CDS 00000020:20:0	91-302/22:16:34	GCA-000/00:20:26
Duration	00000008:29:0	000/00:08:25	000/00:08:25
Top Label	GAPNGSCHEM04+		
Bottom Label			
Plot Key	NIMS	Riding Plot Key	Conflict Yes
CDS Bytes	401	Report Options	Real Time Activity No
Observation Objective			
Study chemical heterogeneity of Gaspra using 102 wavelengths.			
Design Detail			
			Alias
This is the last of 3 separate scans of the error ellipse in Short Map mode. This scan will cover the most probable position of Gaspra in the error ellipse (center of ellipse). Scans will be done at Nyquist rate (0.11 mrad/sec).			
Short Map (SM), Gain 1, Grating Start 2, Chopper 63Hz, MPW			
Last Changed	05/03/95	Changed By FEL	10/08/91 13:58:04
Galileo Activity Plan Form			rev 5/95



GAPNGASMAP01

POINTER C4.1Wsusan: 9/25/1991 10:30:25

FILE:P.GAPNGASMAP01

CENTRAL BODY:PLUTO

MINI:m.GAPNGASMAP01

S/C EPH:/gptr/eph/EE3P-091691.t

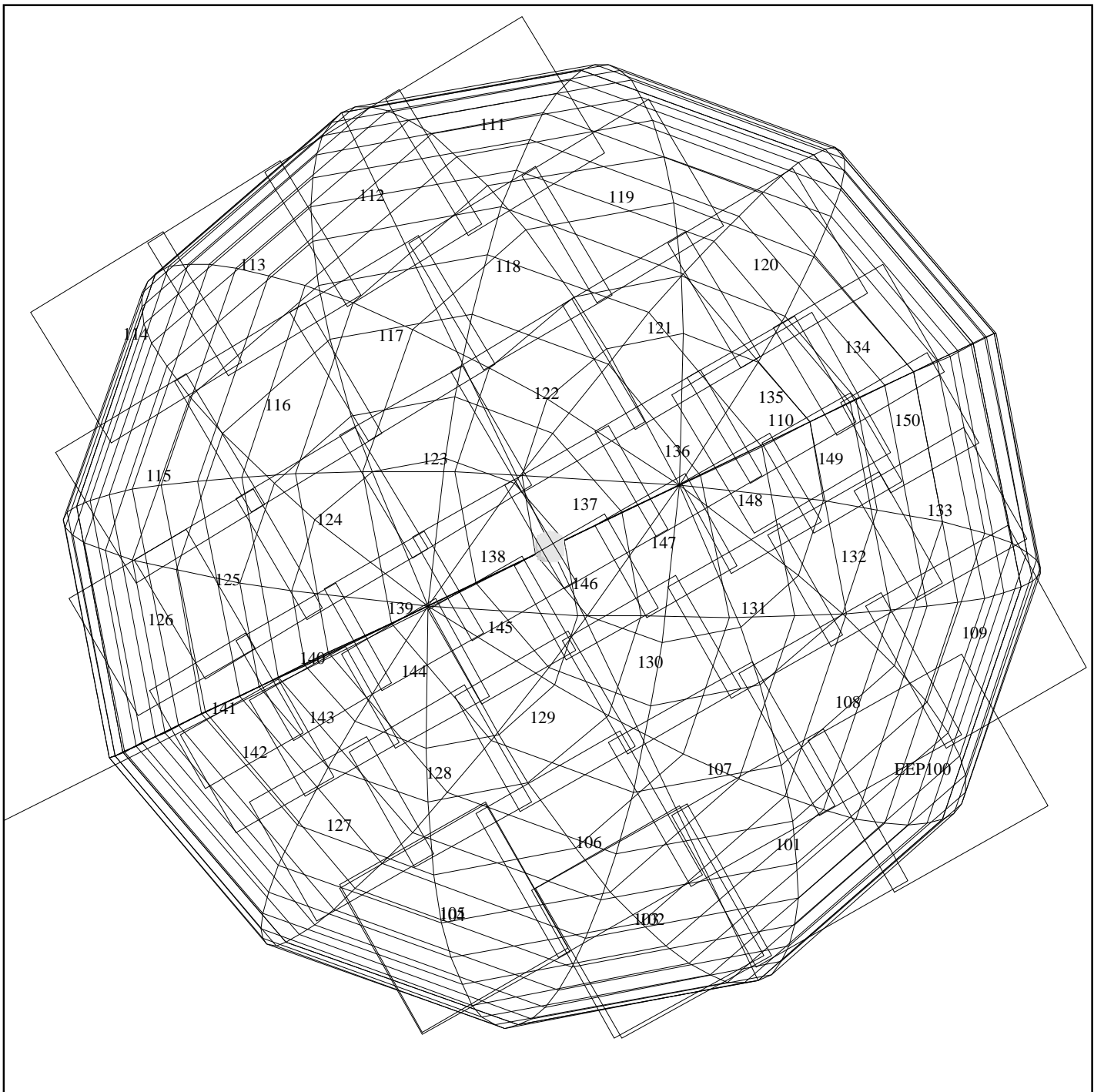
PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 20:00:0

ACTIVITY:GAPNGASMAP01

DESCRIP:NIMS 17 WVLNGTHS FULL ELLIPSE

Gaspra Chemical Heterogeneity Map		ACTIVITY ID:	GAPNGASMAP01-				
		START TIME:	91-302/22:17:27				
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASMAP	SeqNo 01	Multi -	
Title	Gaspra Chemical Heterogeneity Map		Instrument	NIMS			
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG	
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44	
Start	GCA-CDS	00000019:31:0		91-302/22:17:27	GCA-000/00:19:33		
End	GCA-CDS	00000015:55:0		91-302/22:21:14	GCA-000/00:15:46		
Duration		00000003:67:0		000/00:03:47	000/00:03:47		
Top Label	GAPNGASMAP01-						
Bottom Label							
Plot Key	NIMS	Riding Plot Key			Conflict	Yes	
CDS Bytes	753	Report Options			Real Time Activity	No	
Observation Objective							
Observe the distribution of composition at a compromise between phase angle (affects spectral sensitivity) and spatial resolution.							
Design Detail							
						Alias	
The first of 2 Fixed Map observations of Gaspra, NIMS will scan the error ellipse plus scan platform pointing error at 0.75 mrad/sec. The phase angle for this Fixed Map observation is lower than the observation at -16 Rims.							
Fixed Map (XM), Gain 1, Grating Start 6, Chopper 63Hz, MPW							
Last Changed	05/03/95	Changed By	FEL				10/08/91 13:58:04
Galileo Activity Plan Form						rev 5/95	



GAPNGASPAT01

POINTER C4.1Wsusan: 9/25/1991 10:35: 5

FILE:P.GAPSHIPHAS01

CENTRAL BODY:PLUTO

MINI:m.GAPSHIPHAS01

S/C EPH:/gptra/eph/EE3P-091691.t

PERIAPSIS:91-302/22:37:59.0

START:GEE 91-302/22:37:00.666 -CDS 15:00:0

ACTIVITY:GAPSHIPHAS01

DESCRIP:7X7 1-FILTER HIGH PHASE

Gaspra Highest Spatial Resolution Obs		ACTIVITY ID:	GAPNGASPAT01*		
		START TIME:	91-302/22:21:50		
Activity ID:	Orbit GA	Target P	Inst N	OAPEL GASPAT	SeqNo 01 Multi *
Title	Gaspra Highest Spatial Resolution Obs			Instrument	NIMS
Requestor	C. Byrnes		Team	NIMS Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91 Week 44
Start	GCA-CDS	00000015:00:0		91-302/22:21:50	GCA-000/00:15:10
End	GCA-CDS	00000007:39:0		91-302/22:29:30	GCA-000/00:07:30
Duration		00000007:52:0		000/00:07:40	000/00:07:40
Top Label	GAPNGASPAT01*				
Bottom Label					
Plot Key	NIMS	Riding Plot Key		Conflict	Yes
CDS Bytes	351	Report Options		Real Time Activity	No
Observation Objective					
<p>This is the highest priority NIMS observation with the best NIMS spatial resolution of the encounter at the lowest spectral resolution (17 wavelengths). However, Gaspra will be observed at higher phase angles than desired for NIMS observations.</p>					
Design Detail					
					Alias GAPSHIPHAS01
<p>This observation includes a SSI mosaic which affords plenty of overlap between swaths. The slew rate was reduced as much as possible to 0.84 mrad/sec, 0.09 mrad/sec over the NIMS Nyquist rate, while still insuring the appropriate overlap between SSI frames. Due to the priority of the SSI science, the activity name given to this observation is SSI's HIPHAS01 in the sequence products.</p>					
Fixed Map (XM), Gain 1, Grating Start 6, Chopper 63Hz, IM4					
Last Changed	05/03/95	Changed By	FEL		10/08/91 13:58:04
Galileo Activity Plan Form					rev 5/95

Gaspra PCT Calibration		ACTIVITY ID: GANNPCTCAL01-				
		START TIME: 91-303/01:35:58				
Activity ID:	Orbit GA	Target N	Inst N	OAPEL PCTCAL	SeqNo 01	Multi -
Title	Gaspra PCT Calibration			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA+CDS	00000177:00:0		91-303/01:35:58	GCA+000/02:58:58	
End	GCA+CDS	00000221:67:0		91-303/02:20:27	GCA+000/03:43:27	
Duration		00000044:00:0		000/00:44:29	000/00:44:29	
Top Label	GANNPCTCAL01-					
Bottom Label						
Plot Key	NIMS	Riding Plot Key	Conflict			Yes
CDS Bytes	492	Report Options	Real Time Activity			No
Observation Objective						
<p>NIMS will perform a PCT Calibration for better analysis of data taken at Gaspra. This is the first full NIMS PCT Calibration that will be unsaturated for ALL NIMS detectors.</p>						
Design Detail						
Alias						
<p>NIMS will calibrate by positioning the scan platform to the PCT and taking data in Long Map mode, Gain State 1. This is the gain state used during Gaspra closest approach. The spacecraft will be in Alspin. Two RIMs of the PCT Cal will be recorded: one RIM in Chopper 63Hz mode and one RIM in Chopper Reference mode. No Dark values are taken in Chopper Ref mode.</p>						
<p>Long Map (LM), Gain 1, Grating Start 0, Chopper 63Hz, MPW Long Map (LM), Gain 1, Grating Start 0, Chopper Ref, MPW</p>						
Last Changed	05/03/95	Changed By	FEL	10/08/91		
				13:58:04		
Galileo Activity Plan Form						rev 5/95

Gaspra RCT Calibration		ACTIVITY ID: GANNRCTCAL01-				
		START TIME: 91-303/08:40:38				
Activity ID:	Orbit GA	Target N	Inst N	OAPEL RCTCAL	SeqNo 01	Multi -
Title	Gaspra RCT Calibration			Instrument	NIMS	
Requestor	C. Byrnes		Team	NIMS	Working Group	AWG
Time System	CDS	Load ID	EE3	Calendar Date	10/29/91	Week 44
Start	GCA+CDS	00000597:00:0		91-303/08:40:38	GCA+000/10:03:38	
End	GCA+CDS	00000604:67:0		91-303/08:47:42	GCA+000/10:10:42	
Duration		00000007:00:0		000/00:07:04	000/00:07:04	
Top Label	GANNRCTCAL01-					
Bottom Label						
Plot Key	NIMS	Riding Plot Key			Conflict	Yes
CDS Bytes	259	Report Options			Real Time Activity	No
Observation Objective						
NIMS will perform a RCT Calibration for better analysis of data taken at Gaspra.						
Design Detail						
Alias						
The RCT Calibration should be performed with the spacecraft -Z axis sun-pointed +/- 8 degrees in order to satisfy sun avoidance flight rules. After sufficient time (6.5 hours) for the RCT to equilibrate after the RCT Heater is turned on, NIMS will position the scan platform to the RCT and take data in Long Map mode, Gain State 1. Two RIMS of the RCT Cal will be recorded: one RIM in Chopper Reference mode and one RIM in Chopper 63Hz mode. No Dark values are taken in Chopper Ref mode.						
Long Map (LM), Gain 1, Grating Start 0, Chopper Ref, MPW						
Long Map (LM), Gain 1, Grating Start 0, Chopper 63Hz, MPW						
Last Changed	05/03/95	Changed By	FEL	10/08/91		
				13:58:04		
Galileo Activity Plan Form						rev 5/95

Gaspra NIMS Turn Off Sequence.		ACTIVITY ID: GANNTURNOF01-	
		START TIME: 91-303/10:09:37	
Activity ID:	Orbit GA	Target N	Inst N
		OAPEL TURNOF	SeqNo 01
Title	Gaspra NIMS Turn Off Sequence.		Instrument NIMS
Requestor	C. Byrnes	Team NIMS	Working Group AWG
Time System	CDS	Load ID EE3	Calendar Date 10/29/91
		Week 44	
Start	GCA+CDS 00000683:00:0	91-303/10:09:37	GCA+000/11:30:35
End	GCA+CDS 00000690:67:0	91-303/10:16:42	GCA+000/11:37:40
Duration	00000007:00:0	000/00:07:05	000/00:07:05
Top Label	GANNTURNOF01-		
Bottom Label			
Plot Key	NIMS	Riding Plot Key	Conflict Yes
CDS Bytes	267	Report Options	Real Time Activity No
Observation Objective			
Turn off NIMS and turn on needed heaters.			
Design Detail			
			Alias
Turn off the NIMS instrument. Turn on the Replacement Heater and Shield Heater. Move the scan platform to the Safe, Unstow position.			
Last Changed	05/03/95	Changed By	FEL
			10/08/91 13:58:04
Galileo Activity Plan Form			rev 5/95