



15925 - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O₂ production

Cycle: 27, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(8) CALLISTO-45 CCDFLAT WAVE	STIS/CCD	2	03-Nov-2020 09:00:27.0	yes
24	(8) CALLISTO-45 CCDFLAT WAVE	STIS/CCD	1	03-Nov-2020 09:00:33.0	yes
02	(9) CALLISTO-135 CCDFLAT WAVE	STIS/CCD	2	03-Nov-2020 09:00:40.0	yes

Proposal 15925 (STScI Edit Number: 3, Created: Tuesday, November 3, 2020 at 9:02:25 AM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
21	(9) CALLISTO-135 CCDFLAT WAVE	STIS/CCD	2	03-Nov-2020 09:00:49.0	yes
03	(10) CALLISTO-225 CCDFLAT WAVE	STIS/CCD	2	03-Nov-2020 09:00:58.0	yes
26	(10) CALLISTO-225 WAVE	STIS/CCD	1	03-Nov-2020 09:01:03.0	yes
23	(10) CALLISTO-225 CCDFLAT WAVE	STIS/CCD	2	03-Nov-2020 09:01:11.0	yes
04	(11) CALLISTO-315 CCDFLAT WAVE	STIS/CCD	2	03-Nov-2020 09:01:20.0	yes
05	(5) GANYMEDE-20 CCDFLAT WAVE	STIS/CCD	2	03-Nov-2020 09:01:29.0	yes
22	(5) GANYMEDE-20 CCDFLAT WAVE	STIS/CCD	1	03-Nov-2020 09:01:35.0	yes
06	(6) GANYMEDE-110 WAVE	STIS/CCD	1	03-Nov-2020 09:01:38.0	yes
07	(7) GANYMEDE-290 WAVE	STIS/CCD	1	03-Nov-2020 09:01:42.0	yes
08	(1) IO-45 CCDFLAT WAVE	STIS/CCD	1	03-Nov-2020 09:01:47.0	yes
09	(2) IO-135 CCDFLAT WAVE	STIS/CCD	1	03-Nov-2020 09:01:53.0	yes

Proposal 15925 (STScI Edit Number: 3, Created: Tuesday, November 3, 2020 at 9:02:25 AM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
10	(3) IO-225 CCDFLAT WAVE	STIS/CCD	1	03-Nov-2020 09:01:58.0	yes
11	(4) IO-315 CCDFLAT WAVE	STIS/CCD	1	03-Nov-2020 09:02:05.0	yes
12	(8) CALLISTO-45 WAVE	STIS/CCD STIS/NUV-MAMA	1	03-Nov-2020 09:02:07.0	yes
15	(9) CALLISTO-135 WAVE	STIS/CCD STIS/NUV-MAMA	1	03-Nov-2020 09:02:09.0	yes
16	(10) CALLISTO-225 WAVE	STIS/CCD STIS/NUV-MAMA	1	03-Nov-2020 09:02:11.0	yes
17	(11) CALLISTO-315 WAVE	STIS/CCD STIS/NUV-MAMA	1	03-Nov-2020 09:02:13.0	yes
14	(1) IO-45 WAVE	STIS/CCD STIS/NUV-MAMA	1	03-Nov-2020 09:02:15.0	yes
20	(2) IO-135 WAVE	STIS/CCD STIS/NUV-MAMA	1	03-Nov-2020 09:02:16.0	yes
19	(3) IO-225 WAVE	STIS/CCD STIS/NUV-MAMA	1	03-Nov-2020 09:02:19.0	yes
18	(4) IO-315 WAVE	STIS/CCD STIS/NUV-MAMA	1	03-Nov-2020 09:02:20.0	yes
13	(5) GANYMEDE-20 WAVE	STIS/CCD STIS/NUV-MAMA	1	03-Nov-2020 09:02:22.0	yes
25	(5) GANYMEDE-20 WAVE	STIS/CCD STIS/NUV-MAMA	1	03-Nov-2020 09:02:24.0	yes

33 Total Orbits Used

ABSTRACT

The four Galilean satellites of Jupiter have been the subjects of acute interest since the first spacecraft flybys nearly 50 years ago. In this time we have learned of internal oceans, massive volcanos, CO₂ and O₂ atmospheres, and intense radiation bombarding the surfaces. Much of our understanding of the composition of these satellites has come from infrared spectroscopy. Visible and UV spectroscopy have been comparatively underutilized, yet these wavelength ranges have critical absorption features that can be used to map surface, interior, and exogenous processes in unique ways. We propose to complete the UV-visible spectral maps of all of the Galilean satellites. Using these new observations we will examine magma chemistry on Io, salt compositions on Ganymede, the organic distribution on Callisto, and we will trace the sulfur cycle throughout the satellite system.

Combined with our simultaneous archival program to analyze the large amount of unpublished existing data, our final product will be complete 200-1000nm spectral datasets of each of the four satellites. We will create accessible data products that will be easily available to the community, thereby presenting a valuable resource for interpreting past and upcoming spacecraft and telescope observations of these satellites for many years to come.

OBSERVING DESCRIPTION

Each visit contains between 1 and 3 spectral scans of one of the Galilean satellites.

On Io, scans with G430L & G750L are made in a single orbit, and a G230LP scan is done on the second orbit

On Ganymede & Callisto the three settings are done on separate orbits (2 of the Ganymede visits have G430L only, as the other observations have already been obtained)

Proposal 15925 - Callisto-45 (01) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2...

Tue Nov 03 14:02:25 GMT 2020

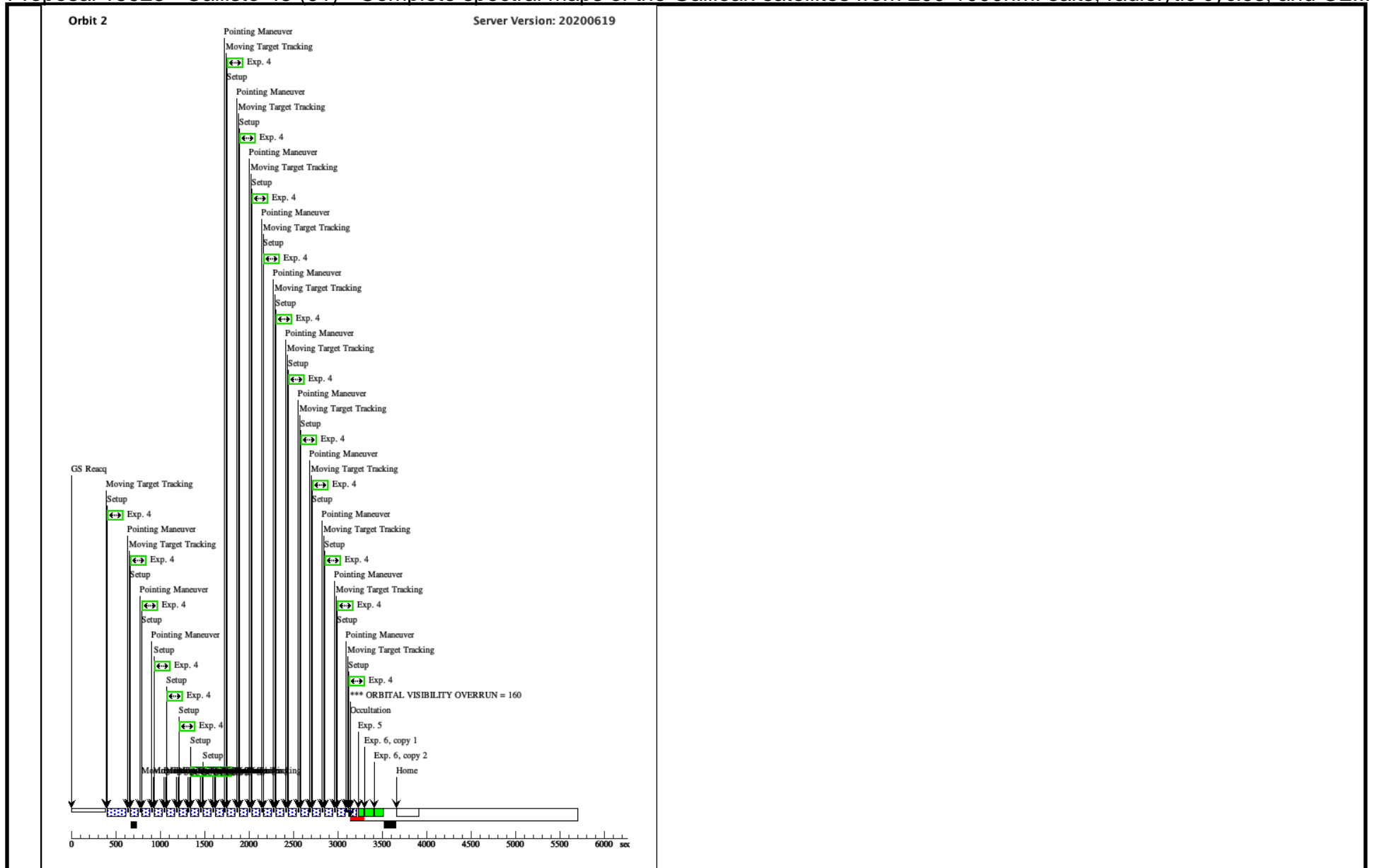
Visit	Proposal 15925, Callisto-45 (01), failed Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)					
	(Callisto-45 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Callisto-45 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(4)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=20 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2), (4)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(8)	CALLISTO-45	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-45 BY JUPITER FROM EARTH, SEP OF CALLISTO-45 IO FROM EARTH GT 10", SEP OF CALLISTO-45 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-45 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-45 FROM EARTH BETWEEN 40 50, SEP OF CALLISTO-45 JUPITER FROM EARTH GT 12.5"
Comments: Description=CML=45 Extended=YES						

Proposal 15925 - Callisto-45 (01) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Callisto acquisition	(8) CALLISTO-45	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-3 Non-Int in Callisto-45 (01)	5 Secs (5 Secs) [==>]	[1]
	2	20x42s @ G430L	(8) CALLISTO-45	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 1-3 Non-Int in Callisto-45 (01) Pattern 4, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-45 (01) (4)	42 Secs (840 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[1]
	3	Wavecal G430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-3 Non-Int in Callisto-45 (01)	[==>]	[1]

Proposal 15925 - Callisto-45 (01) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2...

4	20x75s @ G (8) CALLISTO-45 750L	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 4-5 Non-Int in Callisto-45 (01) Pattern 4, Exps 4-4 in Sequence 4-5 Non-Int in Callisto-45 (01) (4)	75 Secs (1500 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[2]
5	Wavecal G7 WAVE 50L	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		Sequence 4-5 Non-Int in Callisto-45 (01)	[==>]	[2]
6	Fringe flat CCDFLAT	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[2]



Proposal 15925 - Callisto-45 (24) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2...

Tue Nov 03 14:02:25 GMT 2020

Visit	Proposal 15925, Callisto-45 (24), completed Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)					
	(Callisto-45 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(5)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=15 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(8)	CALLISTO-45	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-45 BY JUPITER FROM EARTH, SEP OF CALLISTO-45 IO FROM EARTH GT 10", SEP OF CALLISTO-45 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-45 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-45 FROM EARTH BETWEEN 40 50, SEP OF CALLISTO-45 JUPITER FROM EARTH GT 12.5"
Comments: Description=CML=45 Extended=YES						

Proposal 15925 - Callisto-45 (24) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Callisto acquisition	(8) CALLISTO-45	STIS/CCD, ACQ, F25ND3	MIRROR		ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER		Sequence 1-3 Non-Int in Callisto-45 (24)	5 Secs (5 Secs) [==>]	[1]
	2	20x75s @ G750L	(8) CALLISTO-45	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO		Sequence 1-3 Non-Int in Callisto-45 (24) Pattern 5, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-45 (24) (5)	75 Secs (1125 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)]	[1]
	3	Wavecal G750L	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				Sequence 1-3 Non-Int in Callisto-45 (24)	[==>]	[1]
	4	Fringe flat	CCDFLAT	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A					[==>(Copy 1)] [==>(Copy 2)]	[1]

Proposal 15925 - Callisto-135 (02) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

Tue Nov 03 14:02:25 GMT 2020

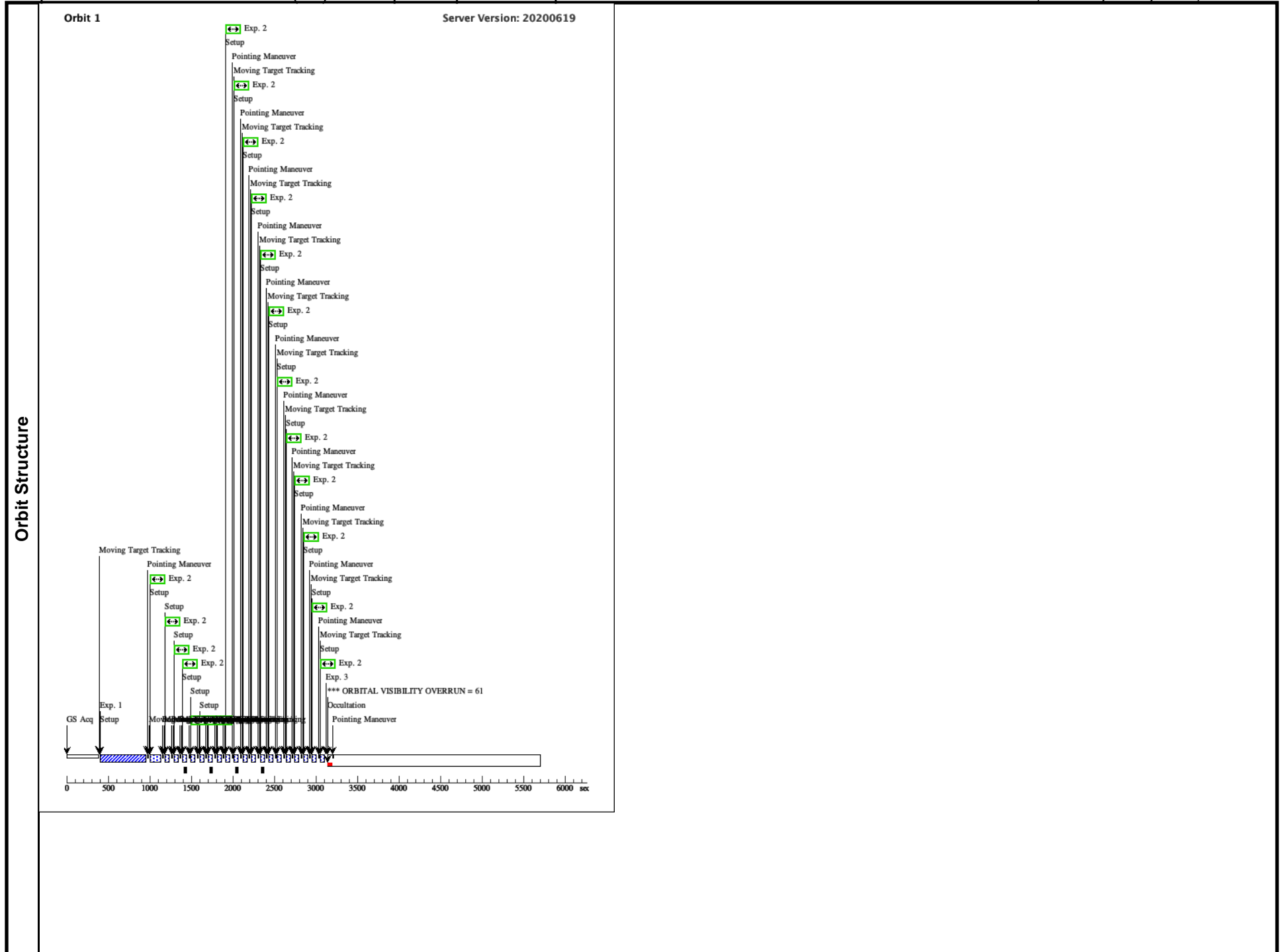
Visit	Proposal 15925, Callisto-135 (02), failed Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)						
	(Callisto-135 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Callisto-135 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Diagnosics							
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(4)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=20 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2), (4)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(9)	CALLISTO-135	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-135 BY JUPITER FROM EARTH, SEP OF CALLISTO-135 IO FROM EARTH GT 10", SEP OF CALLISTO-135 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-135 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-135 FROM EARTH BETWEEN 130 140, SEP OF IO-135 JUPITER FROM EARTH GT 12.5"	EARTH
Comments: Description=CML=135 Extended=YES							

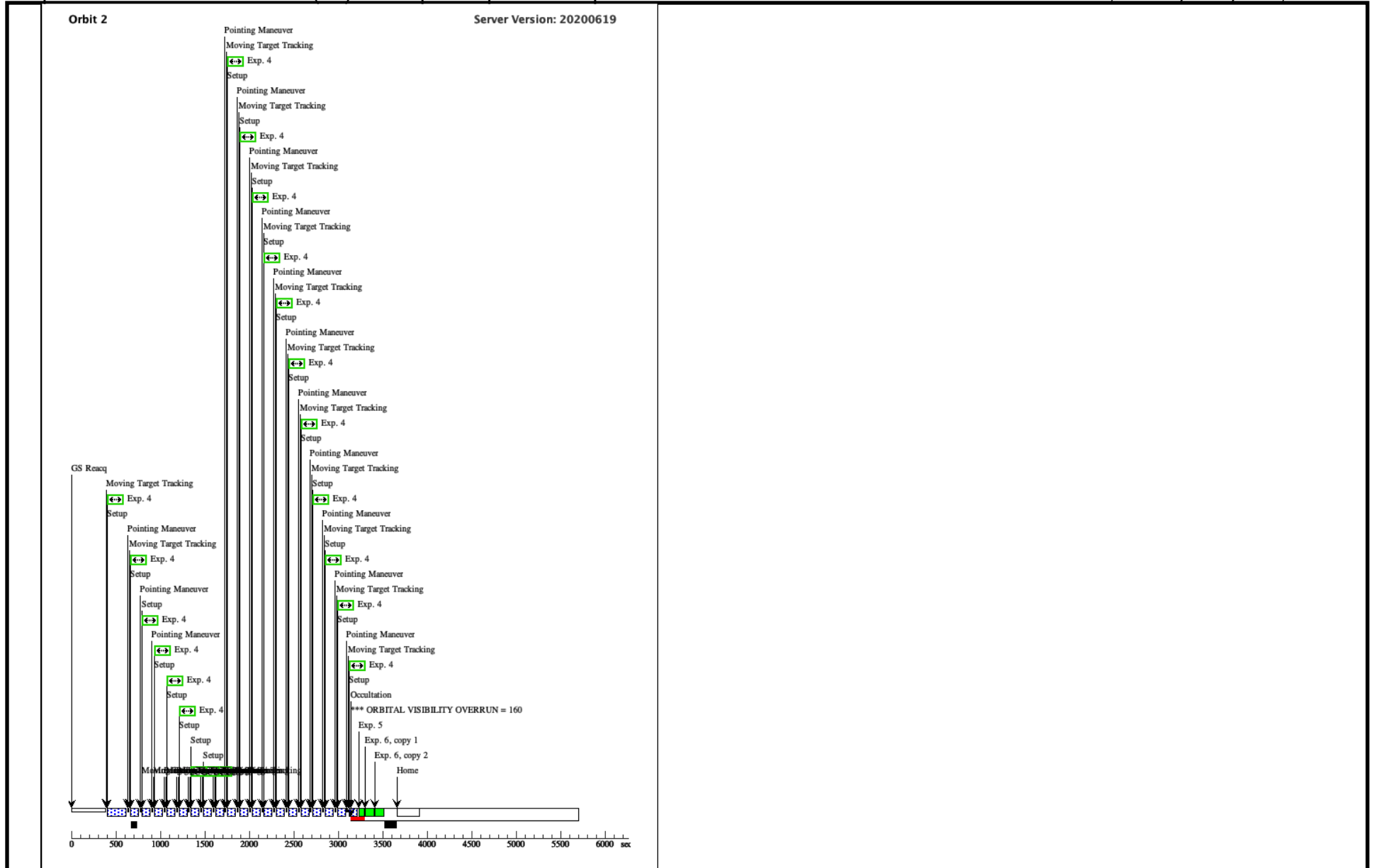
Proposal 15925 - Callisto-135 (02) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Callisto acquisition	(9) CALLISTO-135	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-3 Non-Int in Callisto-135 (02)	5 Secs (5 Secs) [==>]	[1]
	2	42sx20	(9) CALLISTO-135	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 1-3 Non-Int in Callisto-135 (02) Pattern 4, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-135 (02) (4)	42 Secs (840 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[1]
	3	Wavecal G430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-3 Non-Int in Callisto-135 (02)	[==>]	[1]

Proposal 15925 - Callisto-135 (02) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

4	75sx20	(9) CALLISTO-135	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 4-5 Non-Int in Callisto-135 (02) Pattern 4, Exps 4-4 in Sequence 4-5 Non-Int in Callisto-135 (02) (4)	75 Secs (1500 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[2]
5	Wavecal G7 50L	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		Sequence 4-5 Non-Int in Callisto-135 (02)	[==>]	[2]
6	Fringe flat	CCDFLAT	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[2]





Proposal 15925 - Callisto-135 (21) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

Tue Nov 03 14:02:26 GMT 2020

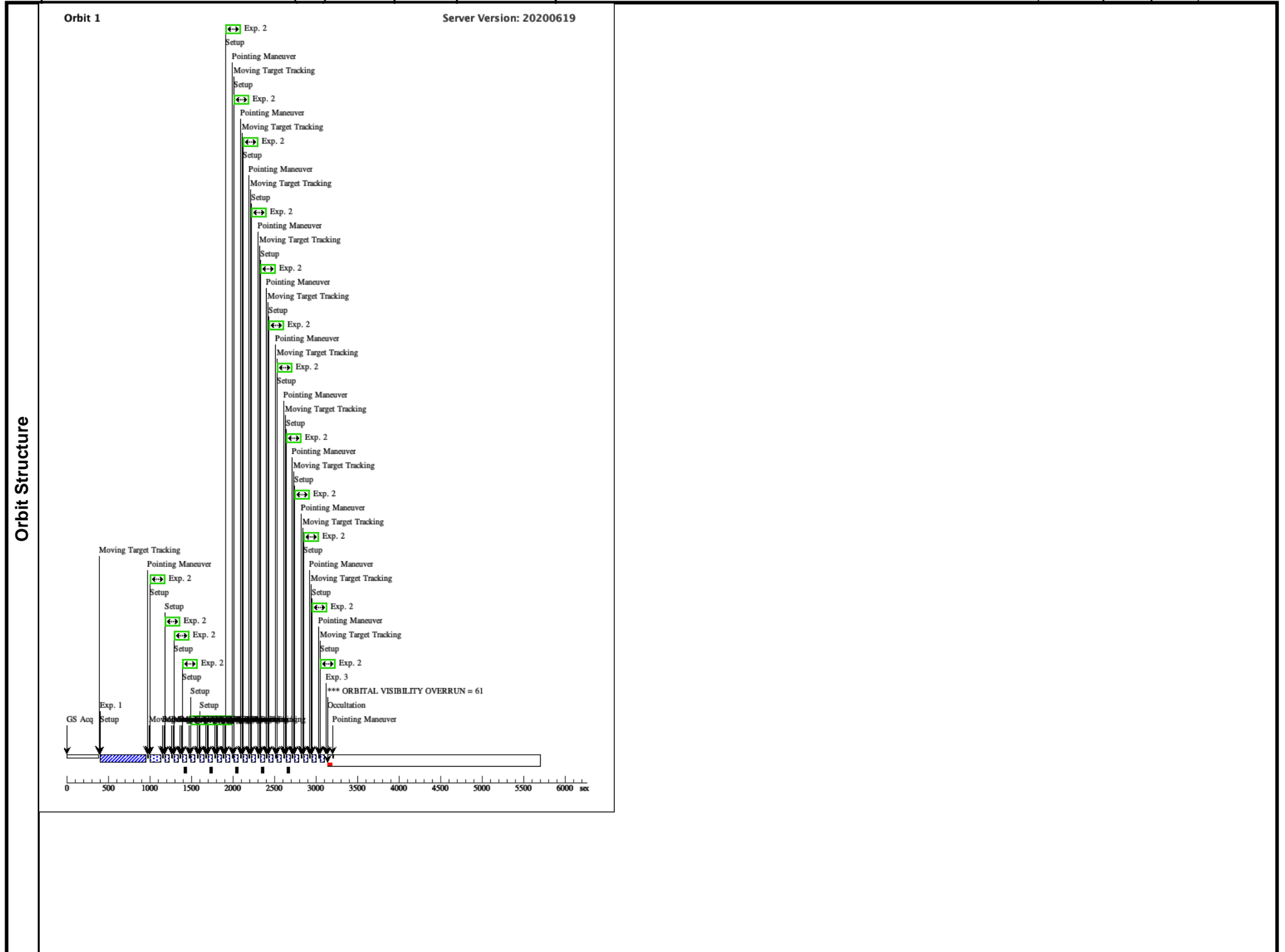
Visit	Proposal 15925, Callisto-135 (21), completed Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: This is a duplicate of the failed Visit 2. Both orbits need to be repeated.</i>						
	Diagnosics (Callisto-135 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Callisto-135 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(4)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=20 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2), (4)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(9)	CALLISTO-135	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-135 BY JUPITER FROM EARTH, SEP OF CALLISTO-135 IO FROM EARTH GT 10", SEP OF CALLISTO-135 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-135 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-135 FROM EARTH BETWEEN 130 140, SEP OF IO-135 JUPITER FROM EARTH GT 12.5"	EARTH
<i>Comments: Description=CML=135 Extended=YES</i>							

Proposal 15925 - Callisto-135 (21) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Callisto acquisition	(9) CALLISTO-135	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-3 Non-Int in Callisto-135 (21)	5 Secs (5 Secs) [==>]	[1]
	2	42sx20	(9) CALLISTO-135	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 1-3 Non-Int in Callisto-135 (21) Pattern 4, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-135 (21) (4)	42 Secs (840 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[1]
	3	Wavecal G430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-3 Non-Int in Callisto-135 (21)	[==>]	[1]

Proposal 15925 - Callisto-135 (21) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

4	70sx20	(9) CALLISTO-135	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 4-5 Non-Int in Callisto-135 (21) Pattern 4, Exps 4-4 in Sequence 4-5 Non-Int in Callisto-135 (21) (4)	70 Secs (1400 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[2]
5	Wavecal G7 50L	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		Sequence 4-5 Non-Int in Callisto-135 (21)	[==>]	[2]
6	Fringe flat	CCDFLAT	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[2]



Proposal 15925 - Callisto-225 (03) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

Tue Nov 03 14:02:26 GMT 2020

Visit	Proposal 15925, Callisto-225 (03), failed Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)					
	Diagnosics (Callisto-225 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Callisto-225 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(4)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=20 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2), (4)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(10)	CALLISTO-225	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-225 BY JUPITER FROM EARTH, SEP OF CALLISTO-225 IO FROM EARTH GT 10", SEP OF CALLISTO-225 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-225 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-225 FROM EARTH BETWEEN 220 230, SEP OF CALLISTO-225 JUPITER FROM EARTH GT 12.5"
Comments: Description=CML=225 Extended=YES						

Proposal 15925 - Callisto-225 (03) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Callisto acquisition	(10) CALLISTO-225	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-3 Non-Int in Callisto-225 (03)	5 Secs (5 Secs) [==>]	[1]
	2	42sx20 @ G430L	(10) CALLISTO-225	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 1-3 Non-Int in Callisto-225 (03) Pattern 4, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-225 (03) (4)	42 Secs (840 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[1]
	3	Wavecal G430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-3 Non-Int in Callisto-225 (03)	[==>]	[1]

Proposal 15925 - Callisto-225 (03) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

4	20x75s @ G (10) CALLISTO-225 STIS/CCD, ACCUM, 52X0.1 750L	G750L 7751 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 4-5 Non-Int in Callisto-225 (03) Pattern 4, Exps 4-4 in Sequence 4-5 Non-Int in Callisto-225 (03) (4)	75 Secs (1500 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[2]
5	Wavecal G7 WAVE 50L	STIS/CCD, ACCUM, 52X0.1 G750L 7751 A		Sequence 4-5 Non-Int in Callisto-225 (03)	[==>]	[2]
6	Fringe flat CCDFLAT	STIS/CCD, ACCUM, 52X0.1 G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[2]

Proposal 15925 - Callisto-225 (26) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

Tue Nov 03 14:02:26 GMT 2020

Visit	Proposal 15925, Callisto-225 (26) Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)						
	Diagnosics (Callisto-225 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(4)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=20 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(10)	CALLISTO-225	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-225 BY JUPITER FROM EARTH, SEP OF CALLISTO-225 IO FROM EARTH GT 10", SEP OF CALLISTO-225 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-225 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-225 FROM EARTH BETWEEN 220 230, SEP OF CALLISTO-225 JUPITER FROM EARTH GT 12.5"	EARTH
Comments: Description=CML=225 Extended=YES							

Proposal 15925 - Callisto-225 (26) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Callisto acquisition	(10) CALLISTO-225	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-3 Non-Int in Callisto-225 (26)	5 Secs (5 Secs) [==>]	[1]
	2	42sx20 @ G430L	(10) CALLISTO-225	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 1-3 Non-Int in Callisto-225 (26) Pattern 4, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-225 (26) (4)	42 Secs (840 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[1]
	3	Wavecal G430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-3 Non-Int in Callisto-225 (26)	[==>]	[1]

Proposal 15925 - Callisto-225 (23) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

Tue Nov 03 14:02:26 GMT 2020

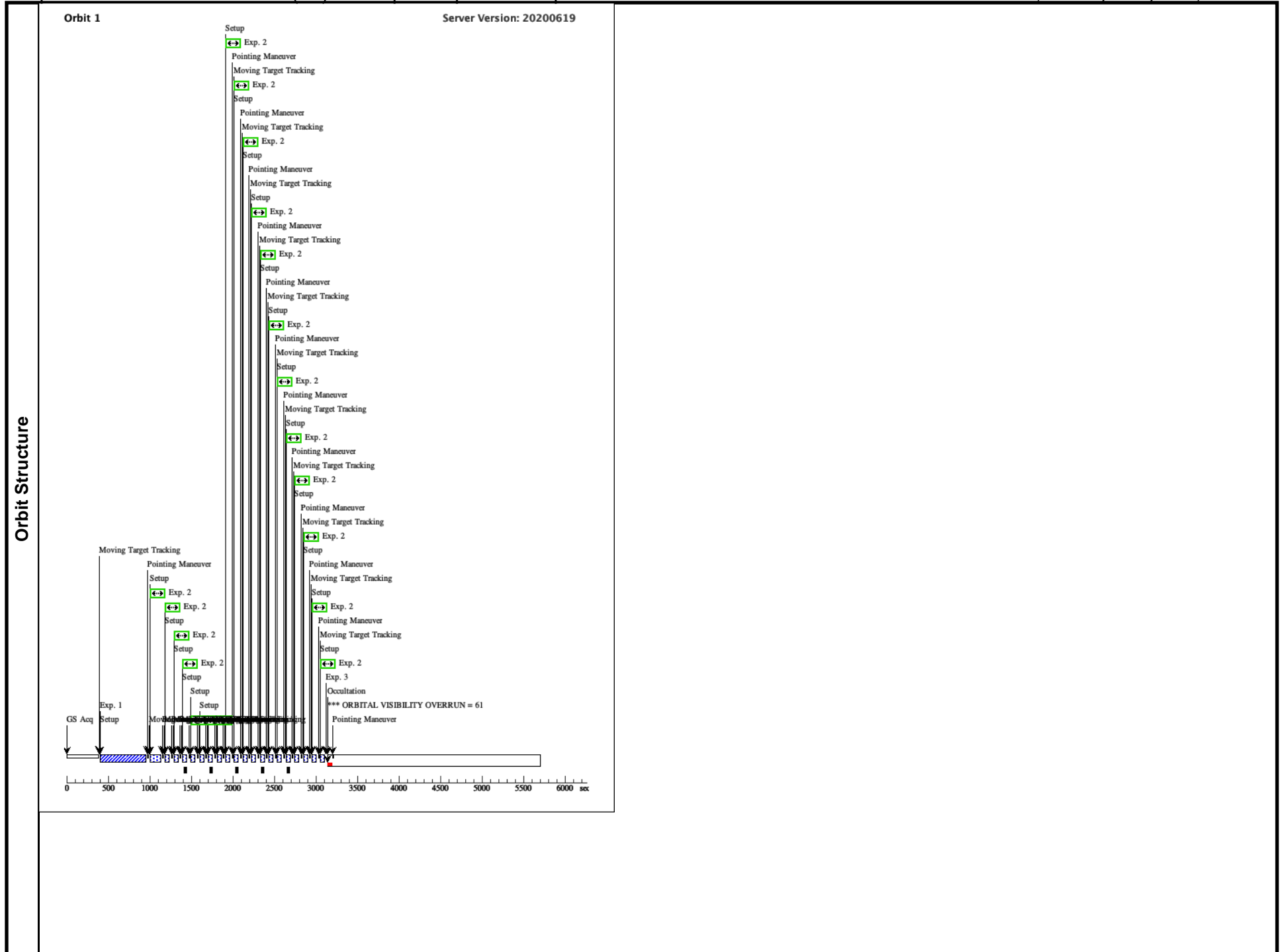
Visit	Proposal 15925, Callisto-225 (23), failed Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: This is a repeat of failed Visit #3. Both orbits of the visit need to be repeated. No change to the visit has been made.</i>					
	Diagnosics (Callisto-225 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Callisto-225 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(4)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=20 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2), (4)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(10)	CALLISTO-225	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-225 BY JUPITER FROM EARTH, SEP OF CALLISTO-225 IO FROM EARTH GT 10", SEP OF CALLISTO-225 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-225 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-225 FROM EARTH BETWEEN 220 230, SEP OF CALLISTO-225 JUPITER FROM EARTH GT 12.5"
<i>Comments: Description=CML=225 Extended=YES</i>						

Proposal 15925 - Callisto-225 (23) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Callisto acquisition	(10) CALLISTO-225	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-3 Non-Int in Callisto-225 (23)	5 Secs (5 Secs) [==>]	[1]
	2	42sx20 @ G430L	(10) CALLISTO-225	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 1-3 Non-Int in Callisto-225 (23) Pattern 4, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-225 (23) (4)	42 Secs (840 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[1]
	3	Wavecal G430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-3 Non-Int in Callisto-225 (23)	[==>]	[1]

Proposal 15925 - Callisto-225 (23) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

4	20x70s @ G (10) CALLISTO-225 STIS/CCD, ACCUM, 52X0.1 750L	G750L 7751 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 4-5 Non-Int in Callisto-225 (23) Pattern 4, Exps 4-4 in Sequence 4-5 Non-Int in Callisto-225 (23) (4)	70 Secs (1400 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[2]
5	Wavecal G7 WAVE 50L	STIS/CCD, ACCUM, 52X0.1 G750L 7751 A		Sequence 4-5 Non-Int in Callisto-225 (23)	[==>]	[2]
6	Fringe flat CCDFLAT	STIS/CCD, ACCUM, 52X0.1 G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[2]



Proposal 15925 - Callisto-315 (04) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

Tue Nov 03 14:02:27 GMT 2020

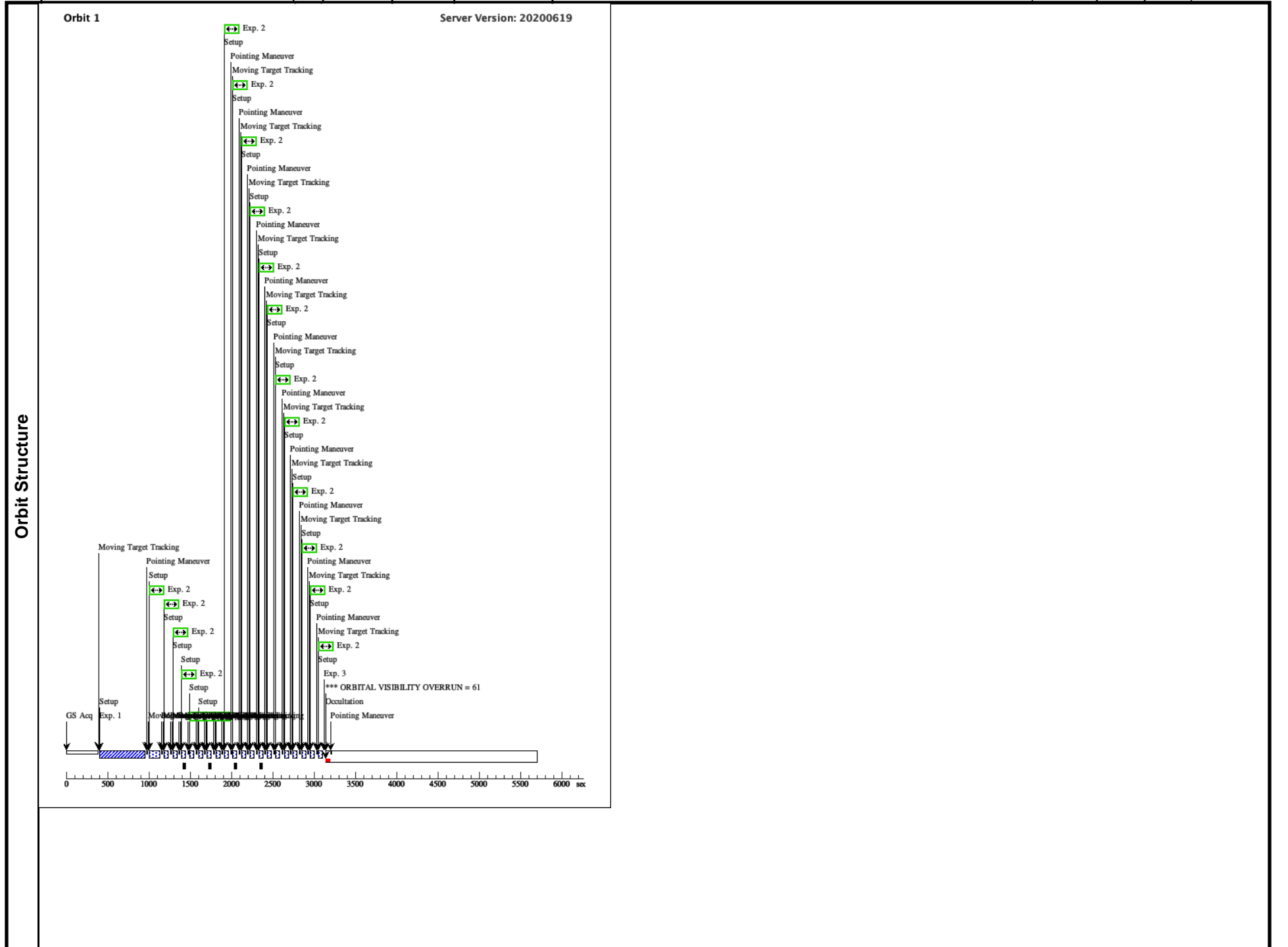
Visit	Proposal 15925, Callisto-315 (04), completed Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)						
	Diagnosics (Callisto-315 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Callisto-315 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(4)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=20 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2), (4)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(11)	CALLISTO-315	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-315 BY JUPITER FROM EARTH, SEP OF CALLISTO-315 IO FROM EARTH GT 10", SEP OF CALLISTO-315 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-315 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-315 FROM EARTH BETWEEN 310 320, SEP OF CALLISTO-315 JUPITER FROM EARTH GT 12.5"	EARTH
Comments: Description=CML=315 Extended=YES							

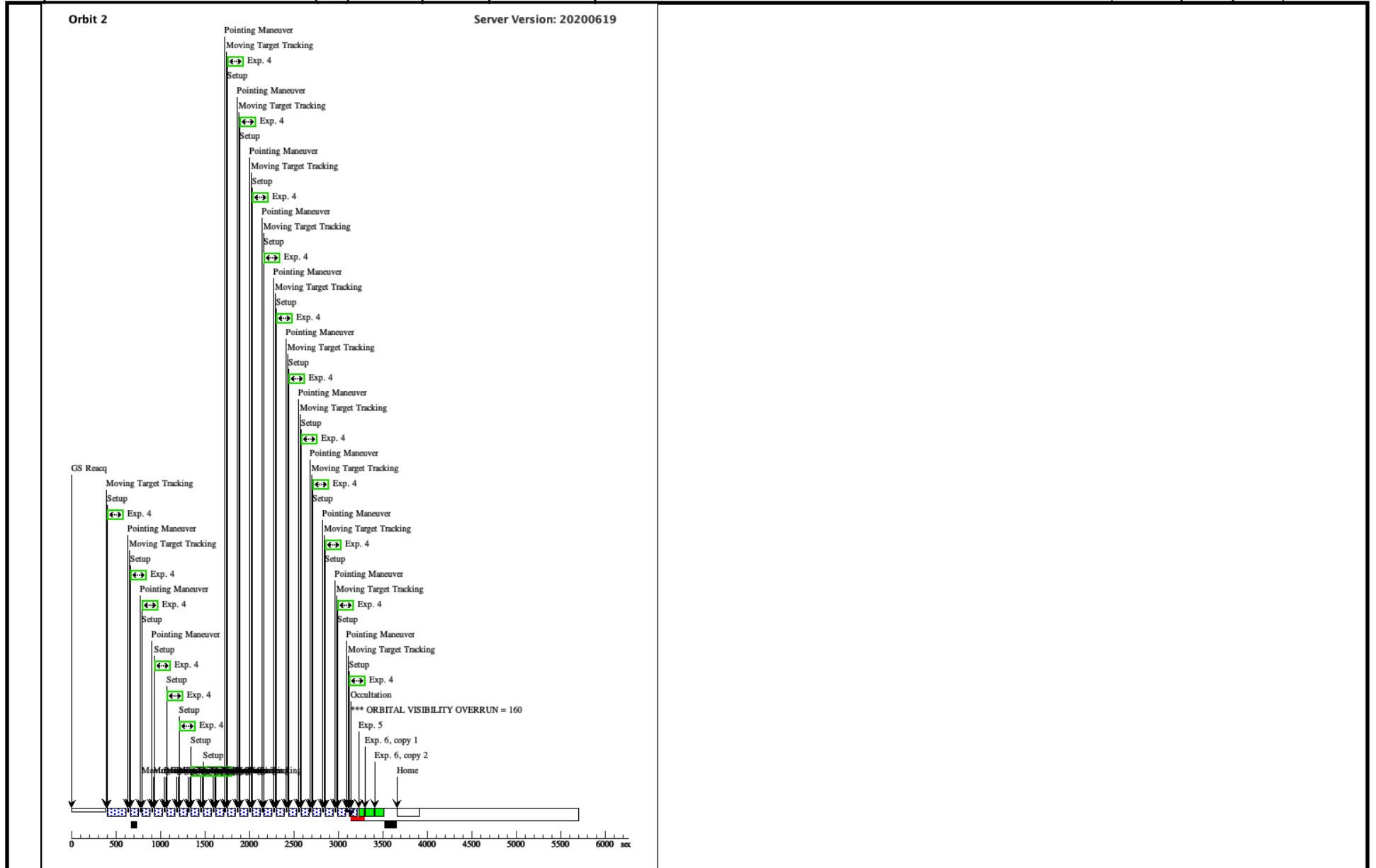
Proposal 15925 - Callisto-315 (04) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Callisto acquisition	(11) CALLISTO-315	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-3 Non-Int in Callisto-315 (04)	5 Secs (5 Secs) [==>]	[1]
	2	20x42s @ G430L	(11) CALLISTO-315	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 1-3 Non-Int in Callisto-315 (04) Pattern 4, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-315 (04) (4)	42 Secs (840 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[1]
	3	Wavecal G430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-3 Non-Int in Callisto-315 (04)	[==>]	[1]

Proposal 15925 - Callisto-315 (04) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O...

4	20x75s @ G (11) CALLISTO-315 750L	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 4-5 Non-Int in Callisto-315 (04) Pattern 4, Exps 4-4 in Sequence 4-5 Non-Int in Callisto-315 (04) (4)	75 Secs (1500 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[2]
5	Wavecal G7 WAVE 50L	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		Sequence 4-5 Non-Int in Callisto-315 (04)	[==>]	[2]
6	Fringe flat CCDFLAT	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[2]





Proposal 15925 - Ganymede-20 (05) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and...

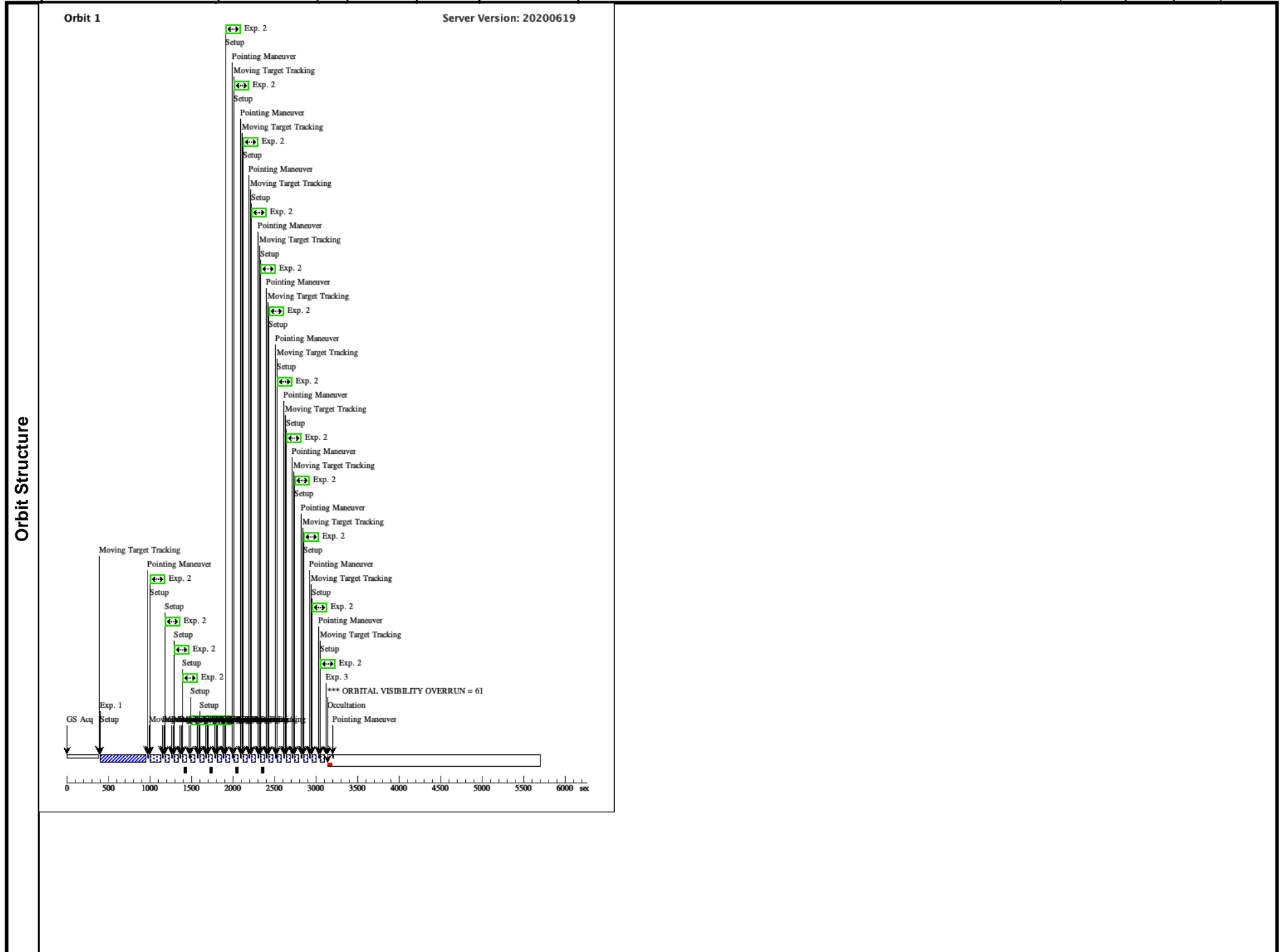
Visit	Proposal 15925, Ganymede-20 (05), failed Tue Nov 03 14:02:27 GMT 2020 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)						
	Diagnosics (Ganymede-20 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Ganymede-20 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(4)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=20 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2), (4)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(5)	GANYMEDE-20	STD=JUPITER	STD=GANYMEDE		NOT OCC OF GANYMEDE-20 BY JUPITER FROM EARTH, SEP OF GANYMEDE-20 IO FROM EARTH GT 10", SEP OF GANYMEDE-20 EUROPA FROM EARTH GT 10", SEP OF GANYMEDE-20 CALLISTO FROM EARTH GT 10", CML OF GANYMEDE-20 FROM EARTH BETWEEN 15 25, SEP OF GANYMEDE-20 JUPITER FROM EARTH GT 12.5"	EARTH
Comments: Description=near CML=20 Extended=YES							

Proposal 15925 - Ganymede-20 (05) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Ganymede acquisition	(5) GANYMEDE-20 STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER		Sequence 1-3 Non-Int in Ganymede-20 (05)	5 Secs (5 Secs) [==>]	[1]
	2	20x42s 430 L	(5) GANYMEDE-20 STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO		Sequence 1-3 Non-Int in Ganymede-20 (05) Pattern 4, Exps 2-2 in Sequence 1-3 Non-Int in Ganymede-20 (05) (4)	42 Secs (840 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[1]
	3	Wavecal 430L	WAVE STIS/CCD, ACCUM, 52X0.1	G430L 4300 A			Sequence 1-3 Non-Int in Ganymede-20 (05)	[==>]	[1]

Proposal 15925 - Ganymede-20 (05) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and...

4	20x75s 750 L	(5) GANYMEDE-20	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 4-5 Non-Int in Ganymede-20 (05) Pattern 4, Exps 4-4 in Sequence 4-5 Non-Int in Ganymede-20 (05) (4)	75 Secs (1500 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[2]
5	Wavecal 75 0L	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		Sequence 4-5 Non-Int in Ganymede-20 (05)	[==>]	[2]
6	Fringe flat	CCDFLAT	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[2]

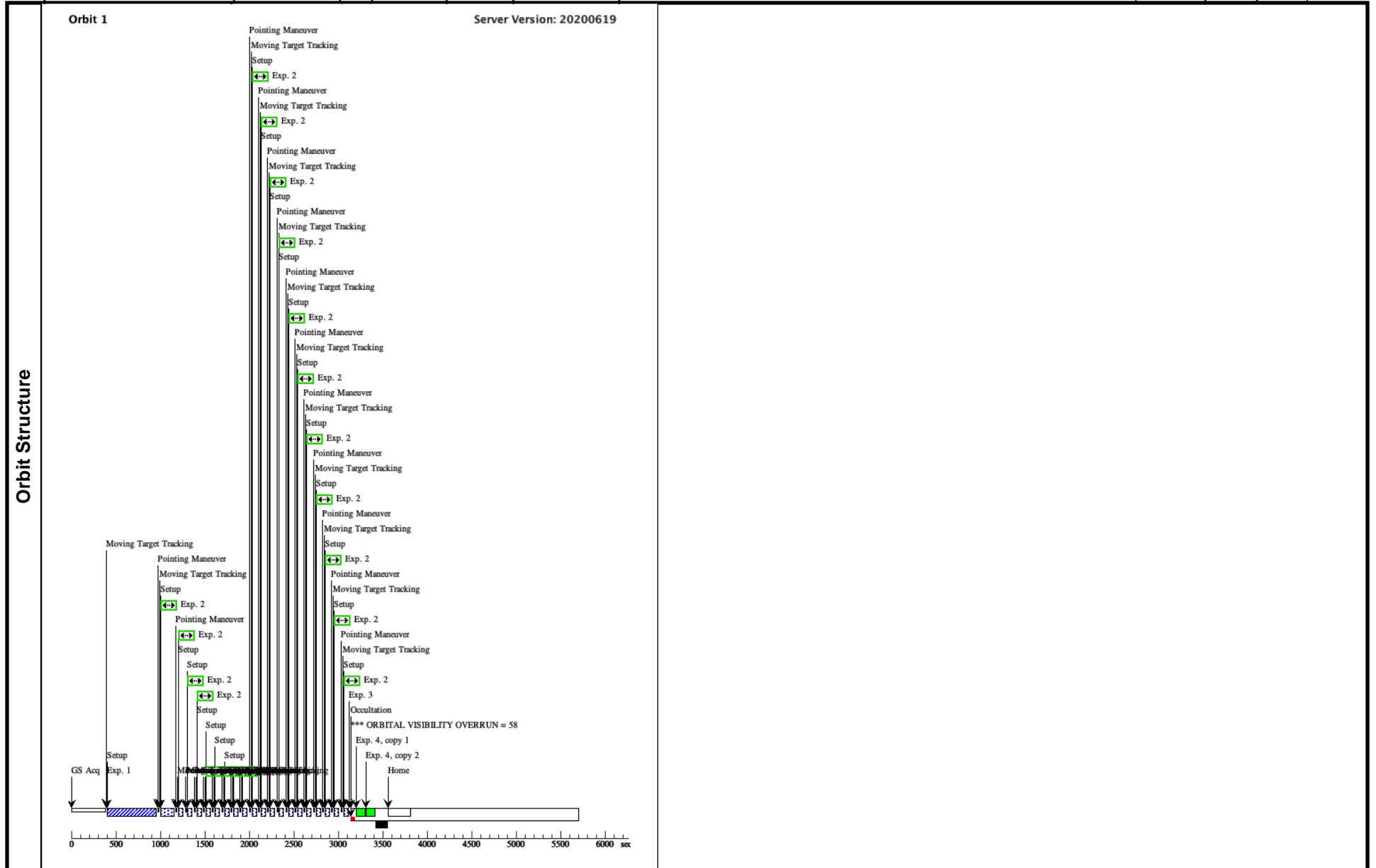


Proposal 15925 - Ganymede-20 (22) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and...

Visit	Proposal 15925, Ganymede-20 (22), completed Tue Nov 03 14:02:27 GMT 2020 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Repeat of the second orbit of failed Visit #2 (first orbit succeeded). Because of the extra overhead of guide star acquisition and instrument start, the exposure times had to be cut dramatically.</i>						
	Diagnosics (Ganymede-20 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(4)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=20 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(5)	GANYMEDE-20	STD=JUPITER	STD=GANYMEDE		NOT OCC OF GANYMEDE-20 BY JUPITER FROM EARTH, SEP OF GANYMEDE-20 IO FROM EARTH GT 10", SEP OF GANYMEDE-20 EUROPA FROM EARTH GT 10", SEP OF GANYMEDE-20 CALLISTO FROM EARTH GT 10", CML OF GANYMEDE-20 FROM EARTH BETWEEN 15 25, SEP OF GANYMEDE-20 JUPITER FROM EARTH GT 12.5"	EARTH
<i>Comments: Description=near CML=20 Extended=YES</i>							

Proposal 15925 - Ganymede-20 (22) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Ganymede acquisition	(5) GANYMEDE-20 STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER		Sequence 1-3 Non-Int in Ganymede-20 (2)	5 Secs (5 Secs) [==>]	[1]
	2	20x41s 750 L	(5) GANYMEDE-20 STIS/CCD, ACCUM, 52X0.1	G750L 7751 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO		Sequence 1-3 Non-Int in Ganymede-20 (2) Pattern 4, Exps 2-2 in Sequence 1-3 Non-Int in Ganymede-20 (22) (4)	41 Secs (820 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[1]
	3	Wavecal 750L	WAVE STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			Sequence 1-3 Non-Int in Ganymede-20 (2)	[==>]	[1]
	4	Fringe flat	CCDFLAT STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>(Copy 1)] [==>(Copy 2)]	[1]

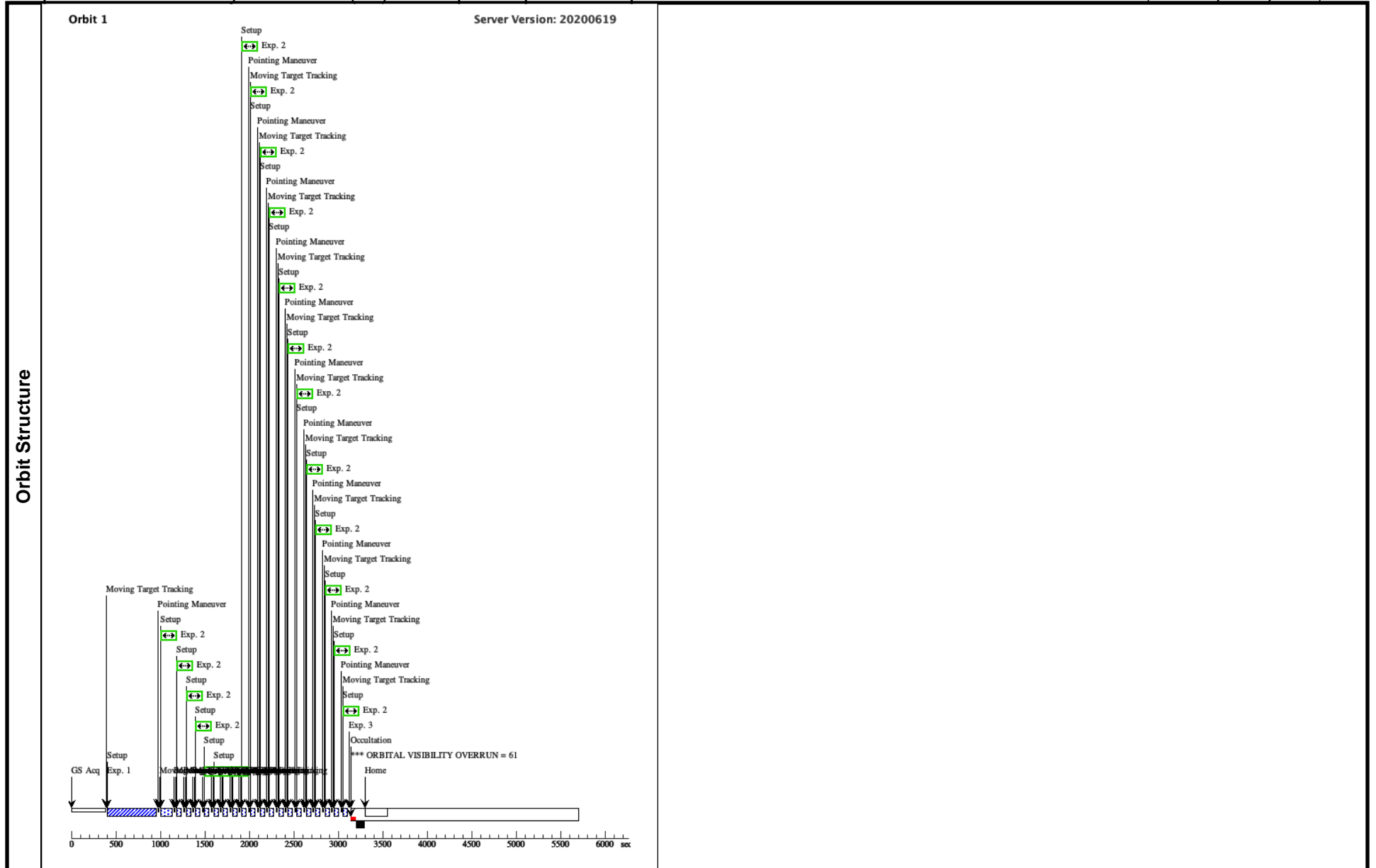


Proposal 15925 - Ganymede-110 (06) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, an...

Visit	Proposal 15925, Ganymede-110 (06), completed Tue Nov 03 14:02:27 GMT 2020 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)					
	Diagnostics (Ganymede-110 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(4)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=20 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(6)	GANYMEDE-110	STD=JUPITER	STD=GANYMEDE		NOT OCC OF GANYMEDE-110 BY EARTH JUPITER FROM EARTH, SEP OF GANYMEDE-110 IO FROM EARTH GT 10", SEP OF GANYMEDE-110 EUROPA FROM EARTH GT 10", SEP OF GANYMEDE-110 CALLISTO FROM EARTH GT 10", CML OF GANYMEDE-110 FROM EARTH BETWEEN 105 115, SEP OF GANYMEDE-110 JUPITER FROM EARTH GT 12.5"
Comments: Description=near CML=110 Extended=YES						

Proposal 15925 - Ganymede-110 (06) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, an...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Ganymede acquisition	(6) GANYMEDE-110	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-3 Non-Int in Ganymede-110 (06)	5 Secs (5 Secs) [==>]	[1]
	2	20x42s 430L	(6) GANYMEDE-110	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 1-3 Non-Int in Ganymede-110 (06) Pattern 4, Exps 2-2 in Sequence 1-3 Non-Int in Ganymede-110 (06) (4)	42 Secs (840 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[1]
	3	Wavecal 430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-3 Non-Int in Ganymede-110 (06)	[==>]	[1]

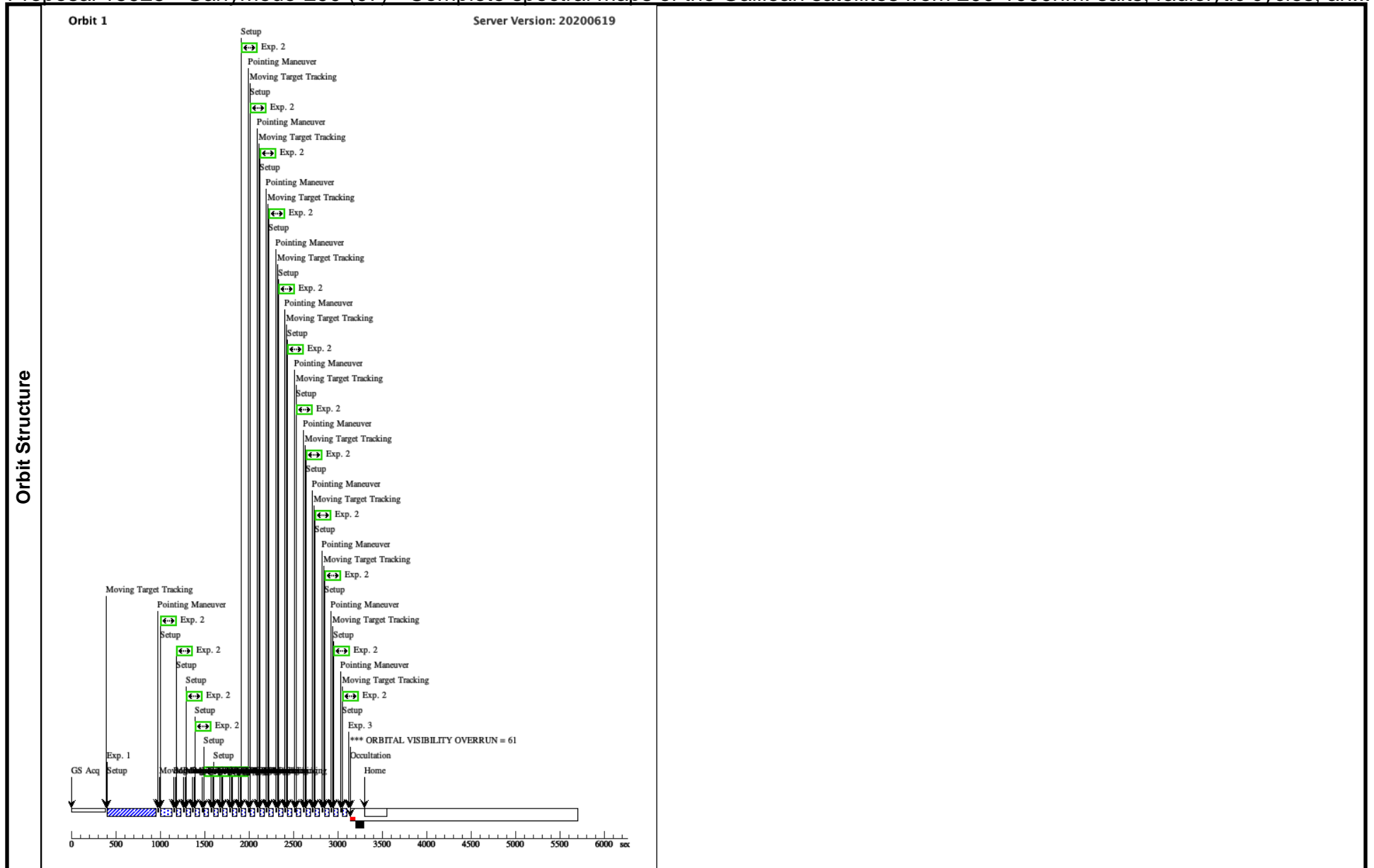


Proposal 15925 - Ganymede-290 (07) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, an...

Visit	Proposal 15925, Ganymede-290 (07), completed Tue Nov 03 14:02:27 GMT 2020 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)						
	Diagnostics (Ganymede-290 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(4)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=20 Point Spacing=0.075 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(7)	GANYMEDE-290	STD=JUPITER	STD=GANYMEDE		NOT OCC OF GANYMEDE-290 BY JUPITER FROM EARTH, SEP OF GANYMEDE-290 IO FROM EARTH GT 10", SEP OF GANYMEDE-290 EUROPA FROM EARTH GT 10", SEP OF GANYMEDE-290 CALLISTO FROM EARTH GT 10", CML OF GANYMEDE-290 FROM EARTH BETWEEN 285 295, SEP OF GANYMEDE-290 JUPITER FROM EARTH GT 12.5"	EARTH
Comments: Description=CML=290 Extended=YES							

Proposal 15925 - Ganymede-290 (07) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, an...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Ganymede acquisition	(7) GANYMEDE-290	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-3 Non-Int in Ganymede-290 (07)	5 Secs (5 Secs) [==>]	[1]
	2	20x42s 430L	(7) GANYMEDE-290	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	SIZEAXIS2=120; CR-SPLIT=NO; WAVECAL=NO	Sequence 1-3 Non-Int in Ganymede-290 (07) Pattern 4, Exps 2-2 in Sequence 1-3 Non-Int in Ganymede-290 (07) (4)	42 Secs (840 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)] [==>(Pattern 16)] [==>(Pattern 17)] [==>(Pattern 18)] [==>(Pattern 19)] [==>(Pattern 20)]	[1]
	3	Wavecal 430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-3 Non-Int in Ganymede-290 (07)	[==>]	[1]



Proposal 15925 - Io-45 (08) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2 prod...

Visit	Proposal 15925, Io-45 (08), completed Tue Nov 03 14:02:27 GMT 2020 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)						
	Diagnosics (Io-45 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(2)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=15 Point Spacing=0.06 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(3), (4)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(1)	IO-45	STD=JUPITER	STD=IO		NOT OCC OF IO-45 BY JUPITER FROM EARTH, SEP OF IO-45 EUROPA FROM EARTH GT 10", SEP OF IO-45 GANYMEDE FROM EARTH GT 10", SEP OF IO-45 CALLISTO FROM EARTH GT 10", CML OF IO-45 FROM EARTH BETWEEN 40 50, SEP OF IO-45 JUPITER FROM EARTH GT 12.5"	EARTH
Comments: Description=centered near phase=45 degrees Extended=YES							

Proposal 15925 - Io-45 (08) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2 prod...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Io acquisition	(1) IO-45	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=21; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-5 Non-Int in Io-45 (08)	5 Secs (5 Secs) [==>]	[1]
	2	Wavecal for 430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-5 Non-Int in Io-45 (08)	[==>]	[1]
	3	15x7s @ 430L	(1) IO-45	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	WAVECAL=NO; SIZEAXIS2=80; CR-SPLIT=NO	Sequence 1-5 Non-Int in Io-45 (08) Pattern 2, Exps 3-3 in Sequence 1-5 Non-Int in Io-45 (08) (2)	7 Secs (105 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)]	[1]
	4	15 x 6s @ 750L	(1) IO-45	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A	SIZEAXIS2=80; CR-SPLIT=NO	Sequence 1-5 Non-Int in Io-45 (08) Pattern 2, Exps 4-4 in Sequence 1-5 Non-Int in Io-45 (08) (2)	6 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)]	[1]
	5	wavecal for 750L	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		Sequence 1-5 Non-Int in Io-45 (08)	[==>]	[1]
	6	Fringe flat	CCDFLAT	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[1]

Proposal 15925 - Io-135 (09) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2 pro...

Visit	Proposal 15925, Io-135 (09), completed Tue Nov 03 14:02:27 GMT 2020 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)					
	Diagnosics (Io-135 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(2)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=15 Point Spacing=0.06 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(3), (4)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(2)	IO-135	STD=JUPITER	STD=IO		NOT OCC OF IO-135 BY JUPITER FROM EARTH, SEP OF IO-135 EUROPA FROM EARTH GT 10", SEP OF IO-135 GANYMEDE FROM EARTH GT 10", SEP OF IO-135 CALLISTO FROM EARTH GT 10", CML OF IO-135 FROM EARTH BETWEEN 130 140, SEP OF IO-135 JUPITER FROM EARTH GT 12.5"
Comments: Description=centered near CML=135 Extended=YES						

Proposal 15925 - Io-135 (09) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2 pro...

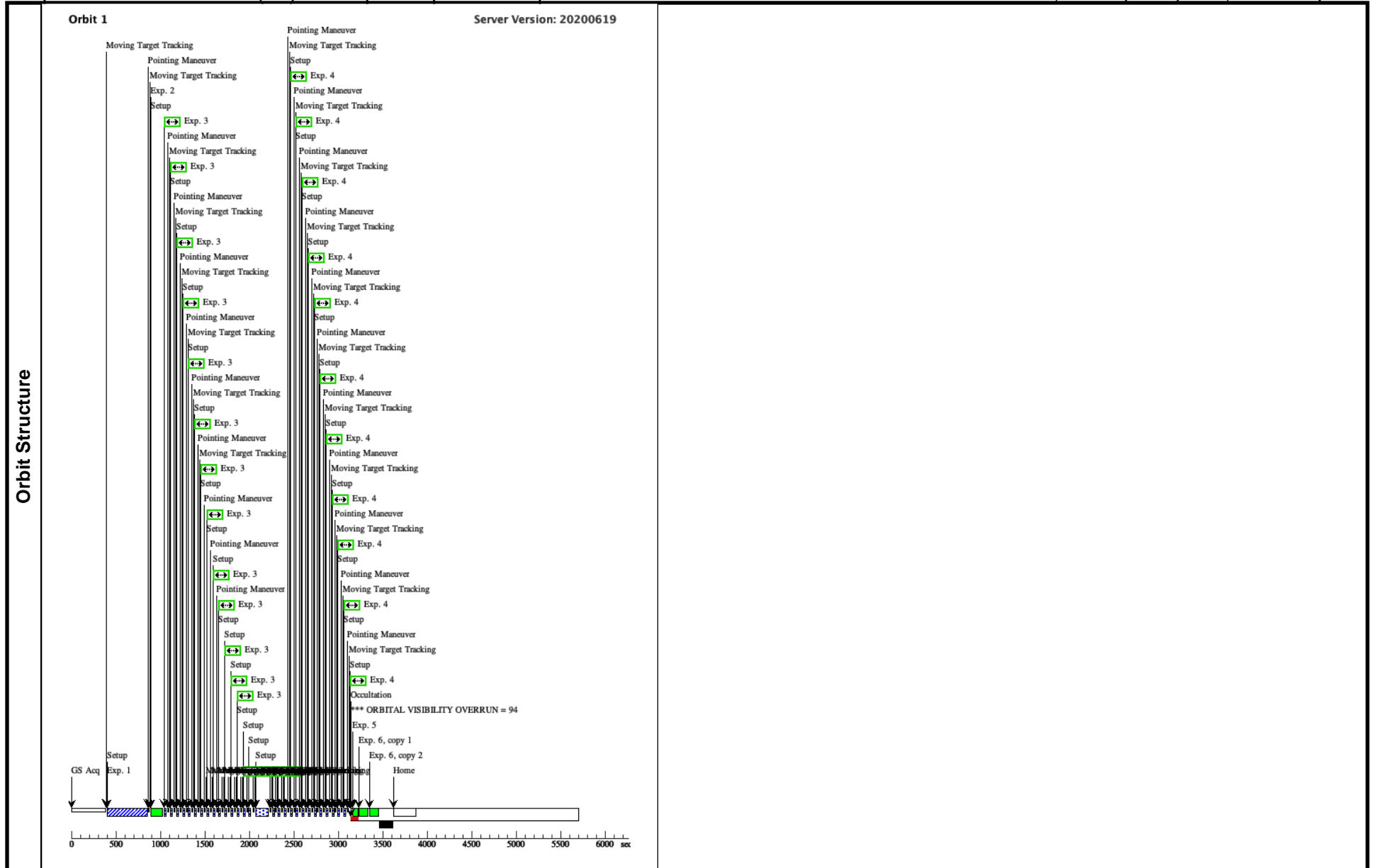
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Io acquisition	(2) IO-135	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=21; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-5 Non-Int in Io-135 (09)	5 Secs (5 Secs) [==>]	[1]
	2	Wavecal for 430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-5 Non-Int in Io-135 (09)	[==>]	[1]
	3	15x7s @ 430L	(2) IO-135	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	WAVECAL=NO; SIZEAXIS2=80; CR-SPLIT=NO	Sequence 1-5 Non-Int in Io-135 (09) Pattern 2, Exps 3-3 in Sequence 1-5 Non-Int in Io-135 (09) (2)	7 Secs (105 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)]	[1]
	4	15 x 6s @ 750L	(2) IO-135	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A	SIZEAXIS2=80; CR-SPLIT=NO	Sequence 1-5 Non-Int in Io-135 (09) Pattern 2, Exps 4-4 in Sequence 1-5 Non-Int in Io-135 (09) (2)	6 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)]	[1]
	5	wavecal for 750L	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		Sequence 1-5 Non-Int in Io-135 (09)	[==>]	[1]
	6	Fringe flat	CCDFLAT	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[1]

Proposal 15925 - Io-225 (10) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2 pro...

Visit	Proposal 15925, Io-225 (10), completed Tue Nov 03 14:02:27 GMT 2020 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)						
	Diagnostics	(Io-225 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns		#	Primary Pattern		Secondary Pattern		Exposures
	(2)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=15 Point Spacing=0.06 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(3), (4)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(3)	IO-225	STD=JUPITER	STD=IO		NOT OCC OF IO-225 BY JUPITER FROM EARTH, SEP OF IO-225 EUROPA FROM EARTH GT 10", SEP OF IO-225 GANYMEDE FROM EARTH GT 10", SEP OF IO-225 CALLISTO FROM EARTH GT 10", CML OF IO-225 FROM EARTH BETWEEN 220 230, SEP OF IO-225 JUPITER FROM EARTH GT 12.5"	EARTH
Comments: Description=centered near CLM=225 Extended=YES							

Proposal 15925 - Io-225 (10) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2 pro...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Io acquisition	(3) IO-225	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=21; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-5 Non-Int in Io-225 (10)	5 Secs (5 Secs) [==>]	[1]
	2	Wavecal for 430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-5 Non-Int in Io-225 (10)	[==>]	[1]
	3	15x7s @ 430L	(3) IO-225	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	WAVECAL=NO; SIZEAXIS2=80; CR-SPLIT=NO	Sequence 1-5 Non-Int in Io-225 (10) Pattern 2, Exps 3-3 in Sequence 1-5 Non-Int in Io-225 (10) (2)	7 Secs (105 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)]	[1]
	4	15 x 6s @ 750L	(3) IO-225	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A	SIZEAXIS2=80; CR-SPLIT=NO	Sequence 1-5 Non-Int in Io-225 (10) Pattern 2, Exps 4-4 in Sequence 1-5 Non-Int in Io-225 (10) (2)	6 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)]	[1]
	5	wavecal for 750L	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		Sequence 1-5 Non-Int in Io-225 (10)	[==>]	[1]
	6	Fringe flat	CCDFLAT	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[1]



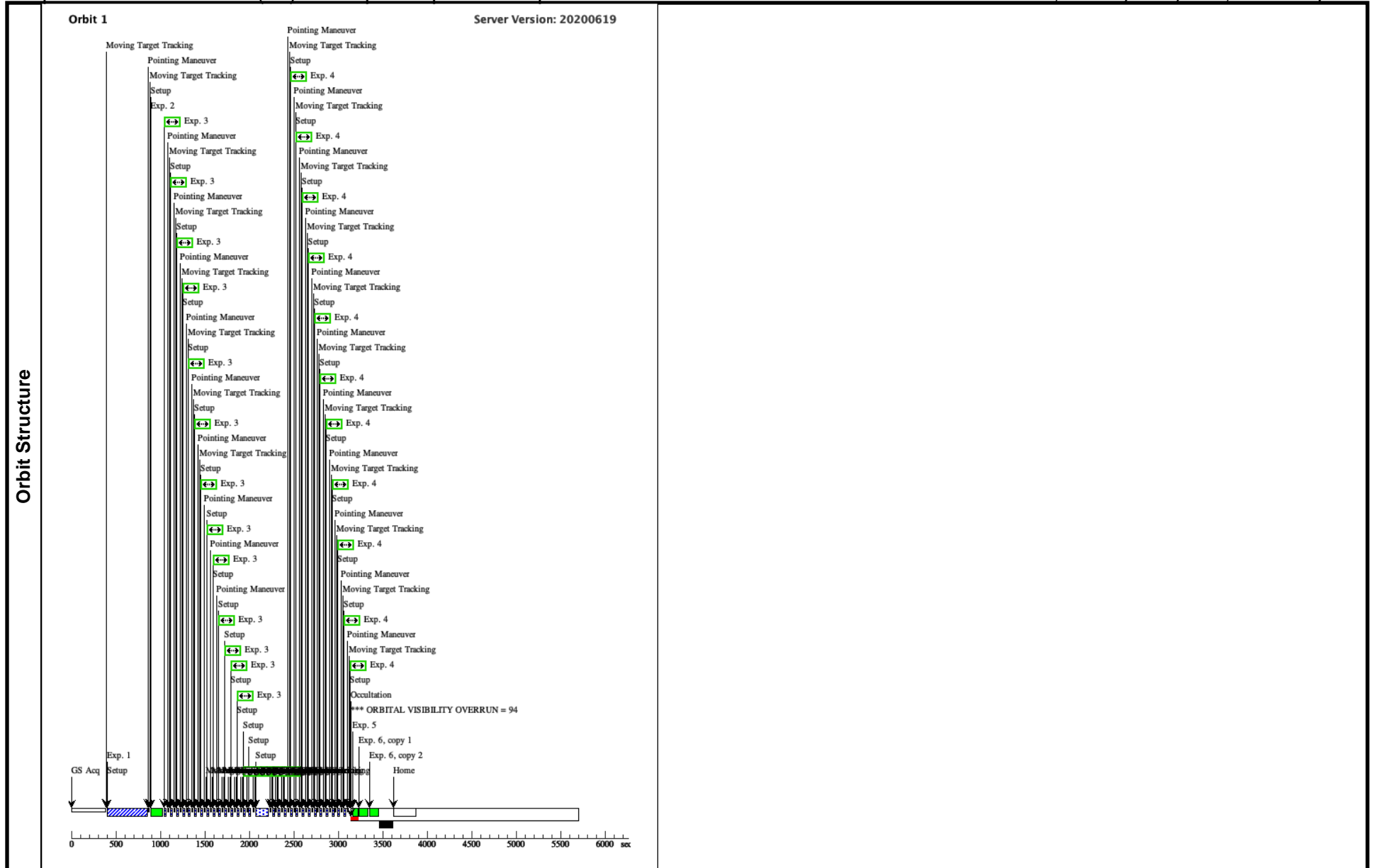
Proposal 15925 - Io-315 (11) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2 pro...

Tue Nov 03 14:02:27 GMT 2020

Visit	Proposal 15925, Io-315 (11), completed Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: (none)					
	(Io-315 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(2)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=15 Point Spacing=0.06 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(3), (4)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(4)	IO-315	STD=JUPITER	STD=IO		NOT OCC OF IO-315 BY JUPITER FROM EARTH, SEP OF IO-315 EUROPA FROM EARTH GT 10", SEP OF IO-315 GANYMEDE FROM EARTH GT 10", SEP OF IO-315 CALLISTO FROM EARTH GT 10", CML OF IO-315 FROM EARTH BETWEEN 310 320, SEP OF IO-315 JUPITER FROM EARTH GT 12.5"
Comments: Description=near CML=315 Extended=YES						

Proposal 15925 - Io-315 (11) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2 pro...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Io acquisition	(4) IO-315	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=21; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-5 Non-Int in Io-315 (11)	5 Secs (5 Secs) [==>]	[1]
	2	Wavecal for 430L	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		Sequence 1-5 Non-Int in Io-315 (11)	[==>]	[1]
	3	15x7s @ 430L	(4) IO-315	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A	WAVECAL=NO; SIZEAXIS2=80; CR-SPLIT=NO	Sequence 1-5 Non-Int in Io-315 (11) Pattern 2, Exps 3-3 in Sequence 1-5 Non-Int in Io-315 (11) (2)	7 Secs (105 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)]	[1]
	4	15 x 6s @ 750L	(4) IO-315	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A	SIZEAXIS2=80; CR-SPLIT=NO	Sequence 1-5 Non-Int in Io-315 (11) Pattern 2, Exps 4-4 in Sequence 1-5 Non-Int in Io-315 (11) (2)	6 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)] [==>(Pattern 10)] [==>(Pattern 11)] [==>(Pattern 12)] [==>(Pattern 13)] [==>(Pattern 14)] [==>(Pattern 15)]	[1]
	5	wavecal for 750L	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		Sequence 1-5 Non-Int in Io-315 (11)	[==>]	[1]
	6	Fringe flat	CCDFLAT	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[1]



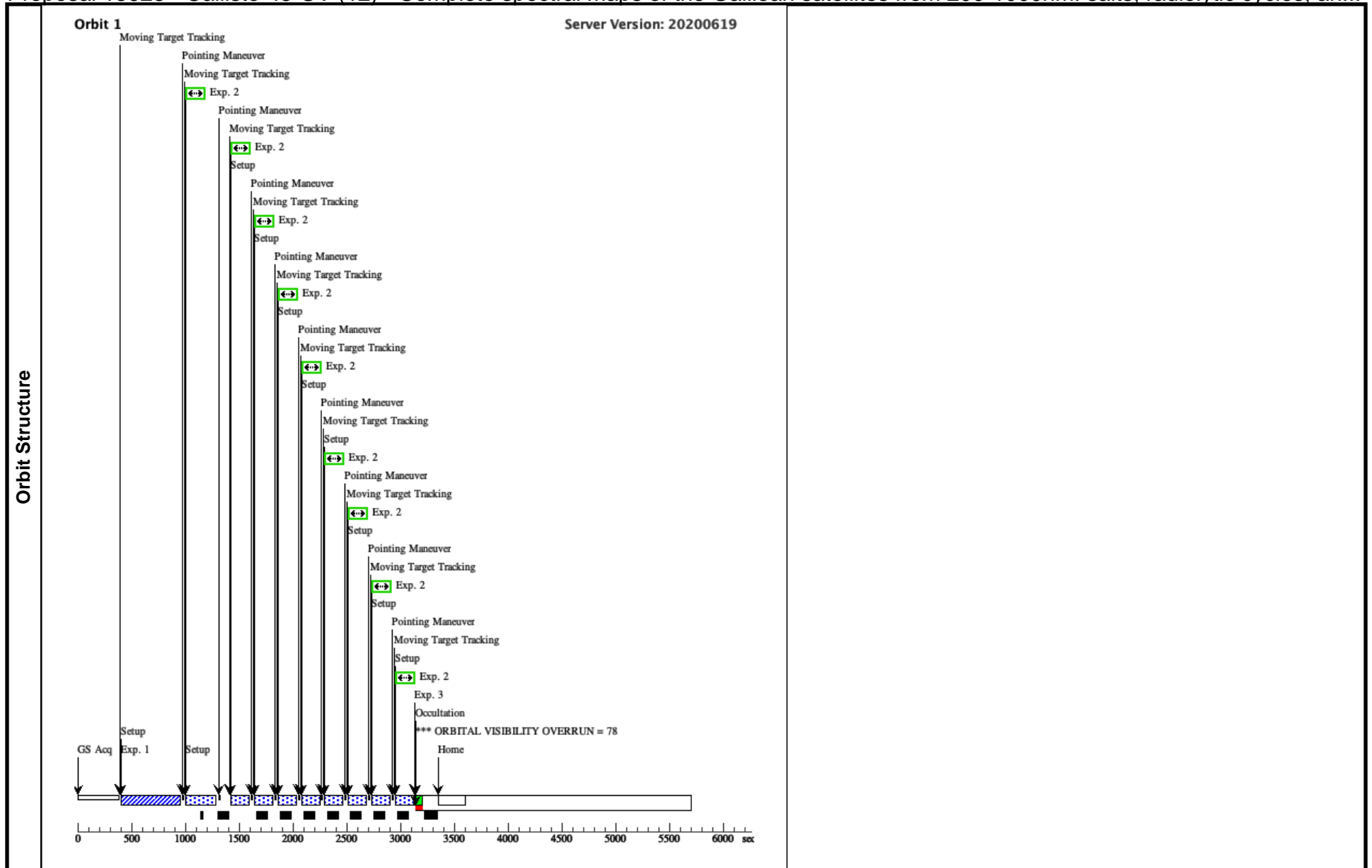
Proposal 15925 - Callisto-45-UV (12) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, an...

Tue Nov 03 14:02:28 GMT 2020

Visit	Proposal 15925, Callisto-45-UV (12), completed Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: (none)					
	(Callisto-45-UV (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(3)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=9 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(8)	CALLISTO-45	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-45 BY JUPITER FROM EARTH, SEP OF CALLISTO-45 IO FROM EARTH GT 10", SEP OF CALLISTO-45 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-45 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-45 FROM EARTH BETWEEN 40 50, SEP OF CALLISTO-45 JUPITER FROM EARTH GT 12.5"
Comments: Description=CML=45 Extended=YES						

Proposal 15925 - Callisto-45-UV (12) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, an...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Callisto acquisition	(8) CALLISTO-45	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER		Sequence 1-3 Non-Int in Callisto-45-UV (12)	5 Secs (5 Secs) [==>]	[1]
	2	9x155s @ G230L (1372658)	(8) CALLISTO-45	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	WAVECAL=NO		Sequence 1-3 Non-Int in Callisto-45-UV (12) Pattern 3, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-45-UV (12) (3)	155 Secs (1395 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)]	[1]
	3	Wavecal for G230L	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Sequence 1-3 Non-Int in Callisto-45-UV (12)	[==>]	[1]

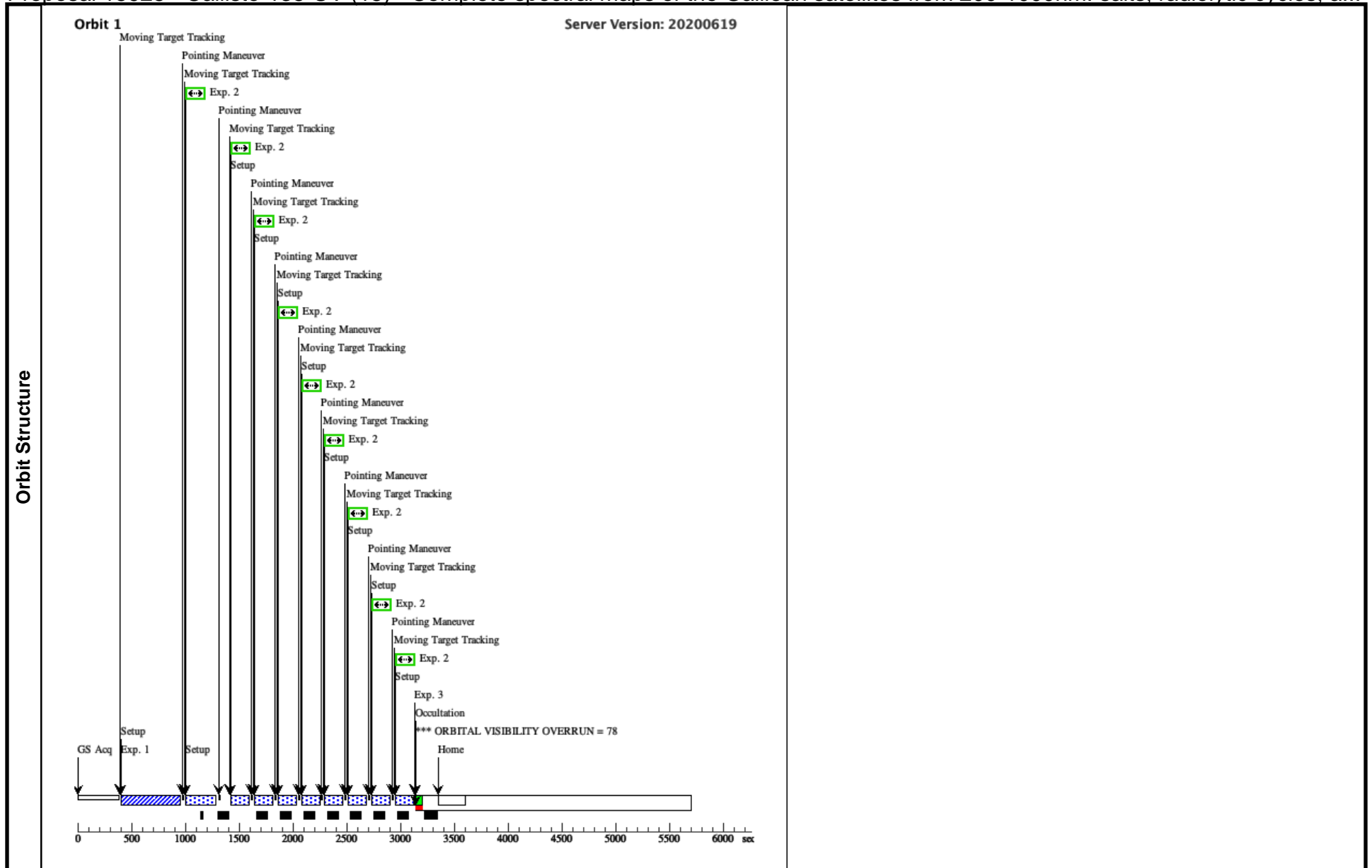


Proposal 15925 - Callisto-135-UV (15) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, a...

Visit	Proposal 15925, Callisto-135-UV (15), completed Tue Nov 03 14:02:28 GMT 2020 Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: (none)						
	Diagnostics (Callisto-135-UV (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(3)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=9 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(9)	CALLISTO-135	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-135 BY JUPITER FROM EARTH, SEP OF CALLISTO-135 IO FROM EARTH GT 10", SEP OF CALLISTO-135 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-135 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-135 FROM EARTH BETWEEN 130 140, SEP OF IO-135 JUPITER FROM EARTH GT 12.5"	EARTH
Comments: Description=CML=135 Extended=YES							

Proposal 15925 - Callisto-135-UV (15) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, a...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Callisto acquisition	(9) CALLISTO-135	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER		Sequence 1-3 Non-Int in Callisto-135-UV (15)	5 Secs (5 Secs) [==>]	[1]
	2	9x155s @ G230L (1372658)	(9) CALLISTO-135	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	WAVECAL=NO		Sequence 1-3 Non-Int in Callisto-135-UV (15) Pattern 3, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-135-UV (15) (3)	155 Secs (1395 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)]	[1]
	3	Wavecal for G230L	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Sequence 1-3 Non-Int in Callisto-135-UV (15)	[==>]	[1]

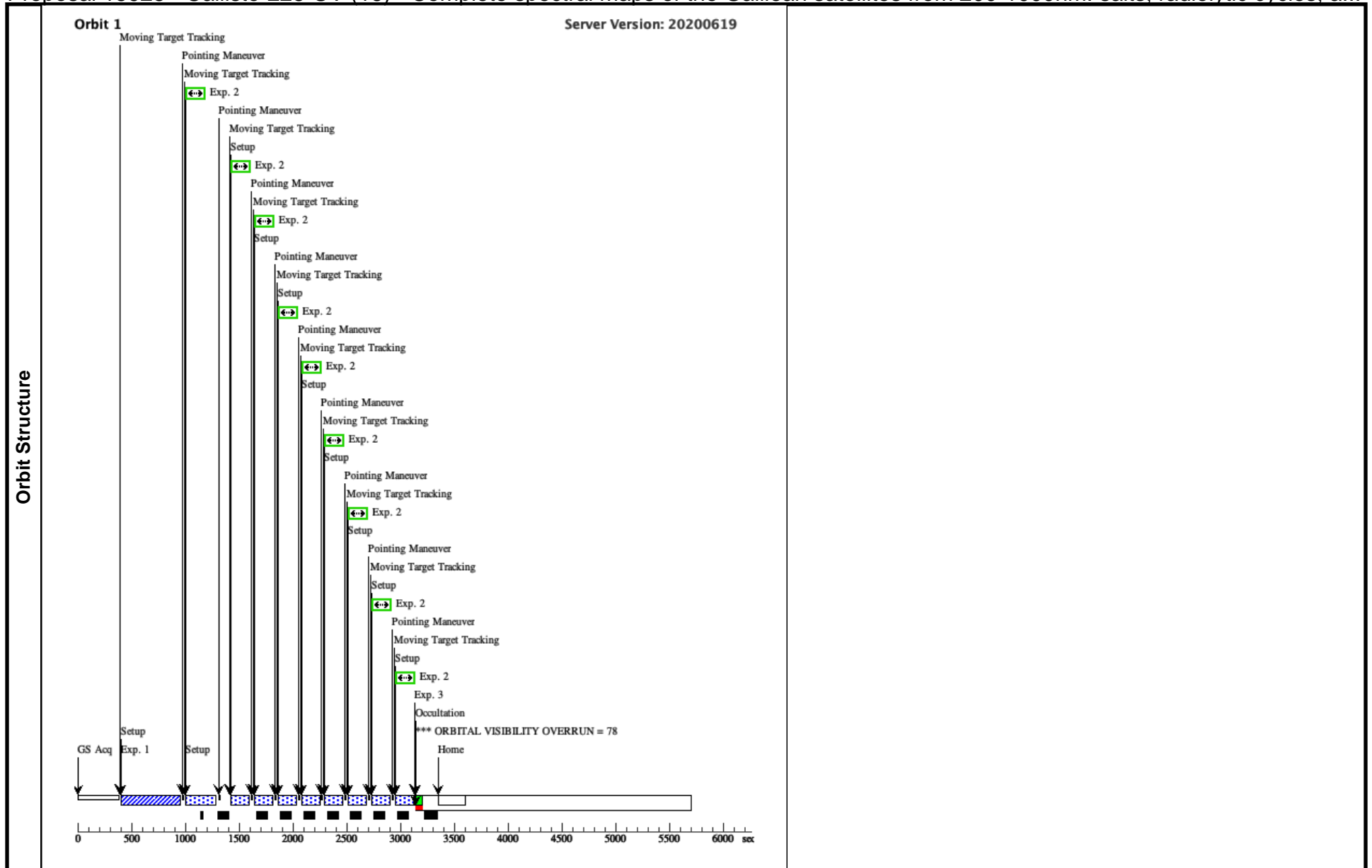


Proposal 15925 - Callisto-225-UV (16) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, a...

Visit	Proposal 15925, Callisto-225-UV (16), completed Tue Nov 03 14:02:28 GMT 2020 Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: (none)						
	Diagnostics (Callisto-225-UV (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(3)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=9 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(10)	CALLISTO-225	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-225 BY JUPITER FROM EARTH, SEP OF CALLISTO-225 IO FROM EARTH GT 10", SEP OF CALLISTO-225 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-225 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-225 FROM EARTH BETWEEN 220 230, SEP OF CALLISTO-225 JUPITER FROM EARTH GT 12.5"	EARTH
Comments: Description=CML=225 Extended=YES							

Proposal 15925 - Callisto-225-UV (16) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, a...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Callisto acquisition	(10) CALLISTO-225	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER	Sequence 1-3 Non-Int in Callisto-225-UV (16)	5 Secs (5 Secs) [==>]	[1]
	2	9x155s @ G230L (1372658)	(10) CALLISTO-225	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	WAVECAL=NO	Sequence 1-3 Non-Int in Callisto-225-UV (16) Pattern 3, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-225-UV (16) (3)	155 Secs (1395 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)]	[1]
	3	Wavecal for G230L	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A		Sequence 1-3 Non-Int in Callisto-225-UV (16)	[==>]	[1]



Proposal 15925 - Callisto-315-UV (17) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, a...

Visit	Proposal 15925, Callisto-315-UV (17), completed Tue Nov 03 14:02:28 GMT 2020 Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: (none)						
	Diagnostics (Callisto-315-UV (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(3)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=9 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(11)	CALLISTO-315	STD=JUPITER	STD=CALLISTO		NOT OCC OF CALLISTO-315 BY JUPITER FROM EARTH, SEP OF CALLISTO-315 IO FROM EARTH GT 10", SEP OF CALLISTO-315 EUROPA FROM EARTH GT 10", SEP OF CALLISTO-315 GANYMEDE FROM EARTH GT 10", CML OF CALLISTO-315 FROM EARTH BETWEEN 310 320, SEP OF CALLISTO-315 JUPITER FROM EARTH GT 12.5"	EARTH
Comments: Description=CML=315 Extended=YES							

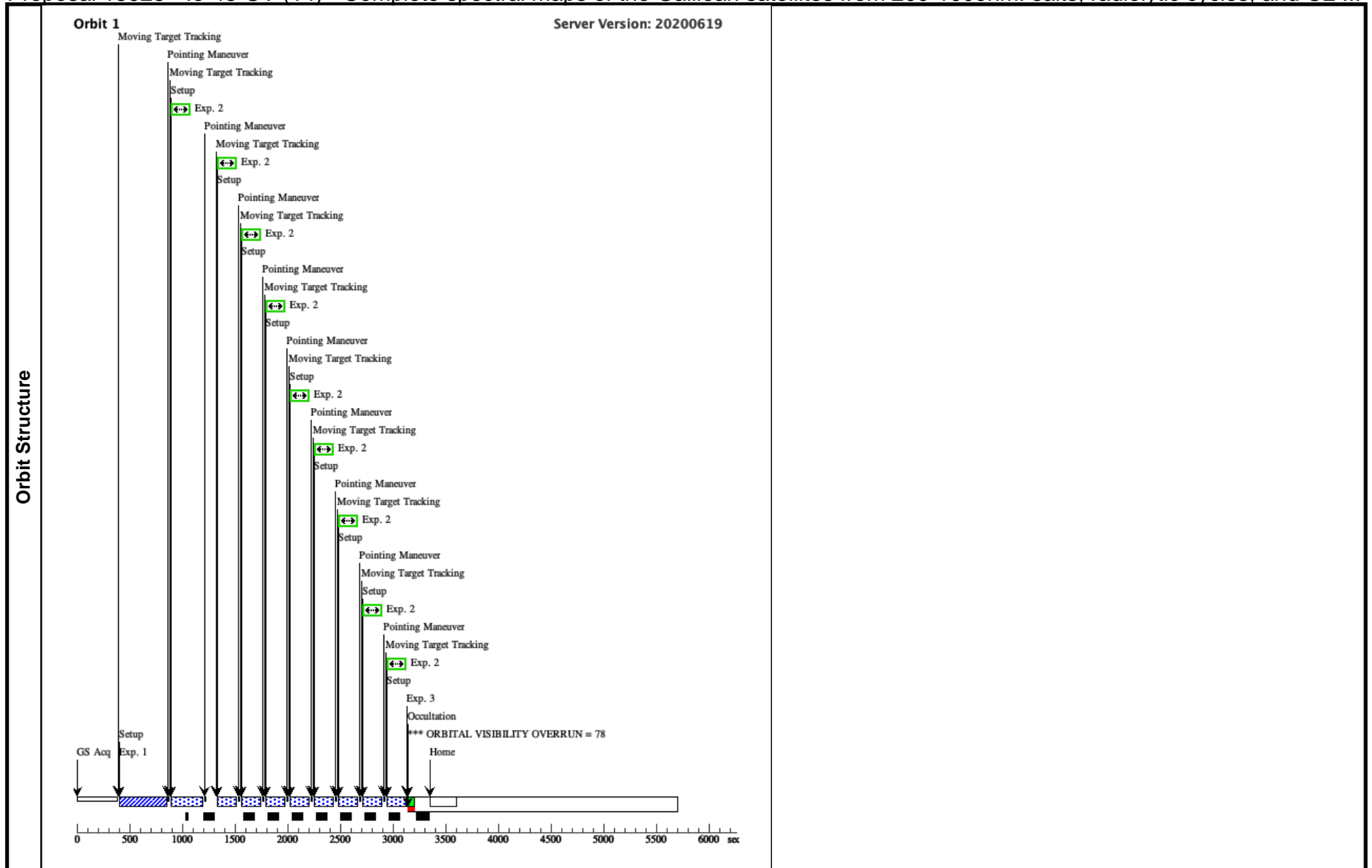
Proposal 15925 - Callisto-315-UV (17) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, a...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Callisto acquisition	(11) CALLISTO-315 STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER		Sequence 1-3 Non-Int in Callisto-315-UV (17)	5 Secs (5 Secs) [==>]	[1]
	2	9x155s @ G230L (1372658)	(11) CALLISTO-315 STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	WAVECAL=NO		Sequence 1-3 Non-Int in Callisto-315-UV (17) Pattern 3, Exps 2-2 in Sequence 1-3 Non-Int in Callisto-315-UV (17) (3)	155 Secs (1395 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)]	[1]
	3	Wavecal for G230L	WAVE STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Sequence 1-3 Non-Int in Callisto-315-UV (17)	[==>]	[1]

Proposal 15925 - Io-45-UV (14) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2 ...

Tue Nov 03 14:02:28 GMT 2020

Visit	Proposal 15925, Io-45-UV (14), completed Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: (none)									
	(Io-45-UV (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=9 Point Spacing=0.1 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true						(2)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(1)	IO-45	STD=JUPITER	STD=IO		NOT OCC OF IO-45 BY JUPITER FROM EARTH, SEP OF IO-45 EUROPA FROM EARTH GT 10", SEP OF IO-45 GANYMEDE FROM EARTH GT 10", SEP OF IO-45 CALLISTO FROM EARTH GT 10", CML OF IO-45 FROM EARTH BETWEEN 40 50, SEP OF IO-45 JUPITER FROM EARTH GT 12.5"	EARTH			
Comments: Description=centered near phase=45 degrees Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Io acquisition	(1) IO-45	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=21; DIFFUSE-CENTER=GEOMETRIC-CENTER		Sequence 1-3 Non-Int in Io-45-UV (14)	5 Secs (5 Secs) [==>]	[1]
	2	9x167s @ G230L (1372659)	(1) IO-45	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	WAVECAL=NO		Sequence 1-3 Non-Int in Io-45-UV (14) Pattern 1, Exps 2-2 in Sequence 1-3 Non-Int in Io-45-UV (14) (1)	167 Secs (1503 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)]	[1]
	3	Wavecal for G230L	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Sequence 1-3 Non-Int in Io-45-UV (14)	[==>]	[1]



Proposal 15925 - Io-135-UV (20) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2...

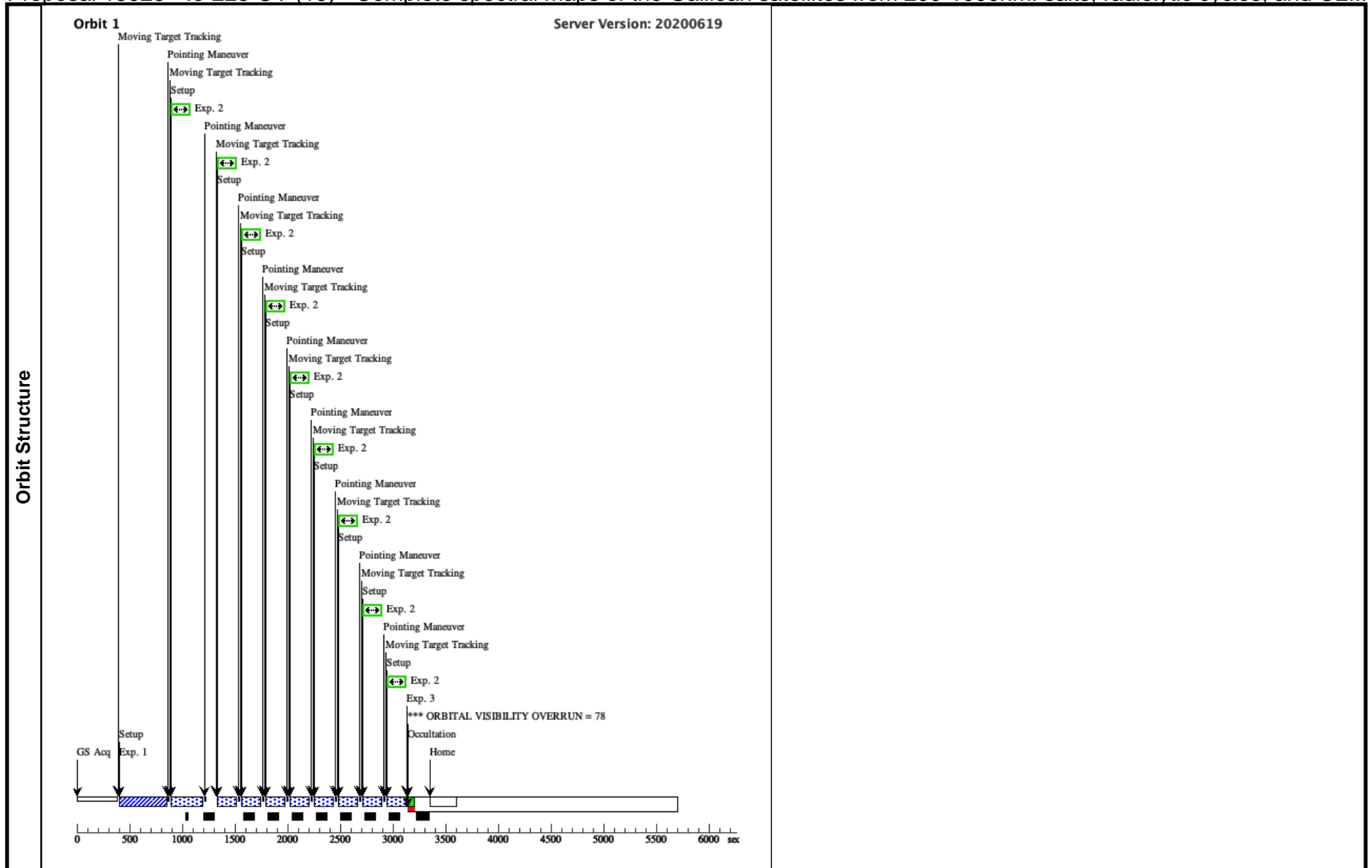
Tue Nov 03 14:02:28 GMT 2020

Visit	Proposal 15925, Io-135-UV (20), completed Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: (none)										
	(Io-135-UV (20)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Diagnosics											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=9 Point Spacing=0.1 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true						(2)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window				Ephem Center	
	(2)	IO-135	STD=JUPITER	STD=IO		NOT OCC OF IO-135 BY JUPITER FROM EARTH, SEP OF IO-135 EUROPA FROM EARTH GT 10", SEP OF IO-135 GANYMEDE FROM EARTH GT 10", SEP OF IO-135 CALLISTO FROM EARTH GT 10", CML OF IO-135 FROM EARTH BETWEEN 130 140, SEP OF IO-135 JUPITER FROM EARTH GT 12.5"				EARTH	
Comments: Description=centered near CML=135 Extended=YES											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	Io acquisition	(2) IO-135	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=21; DIFFUSE-CENTER=GEOMETRIC-CENTER		Sequence 1-3 Non-Int in Io-135-UV (20)	5 Secs (5 Secs) [==>]		[1]
	2	9x167s @ G230L (1372659)	(2) IO-135	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	WAVECAL=NO		Sequence 1-3 Non-Int in Io-135-UV (20) Pattern 1, Exps 2-2 in Sequence 1-3 Non-Int in Io-135-UV (20) (1)	167 Secs (1503 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)]		[1]
	3	Wavecal for G230L	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Sequence 1-3 Non-Int in Io-135-UV (20)	[==>]		[1]

Proposal 15925 - Io-225-UV (19) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2...

Tue Nov 03 14:02:28 GMT 2020

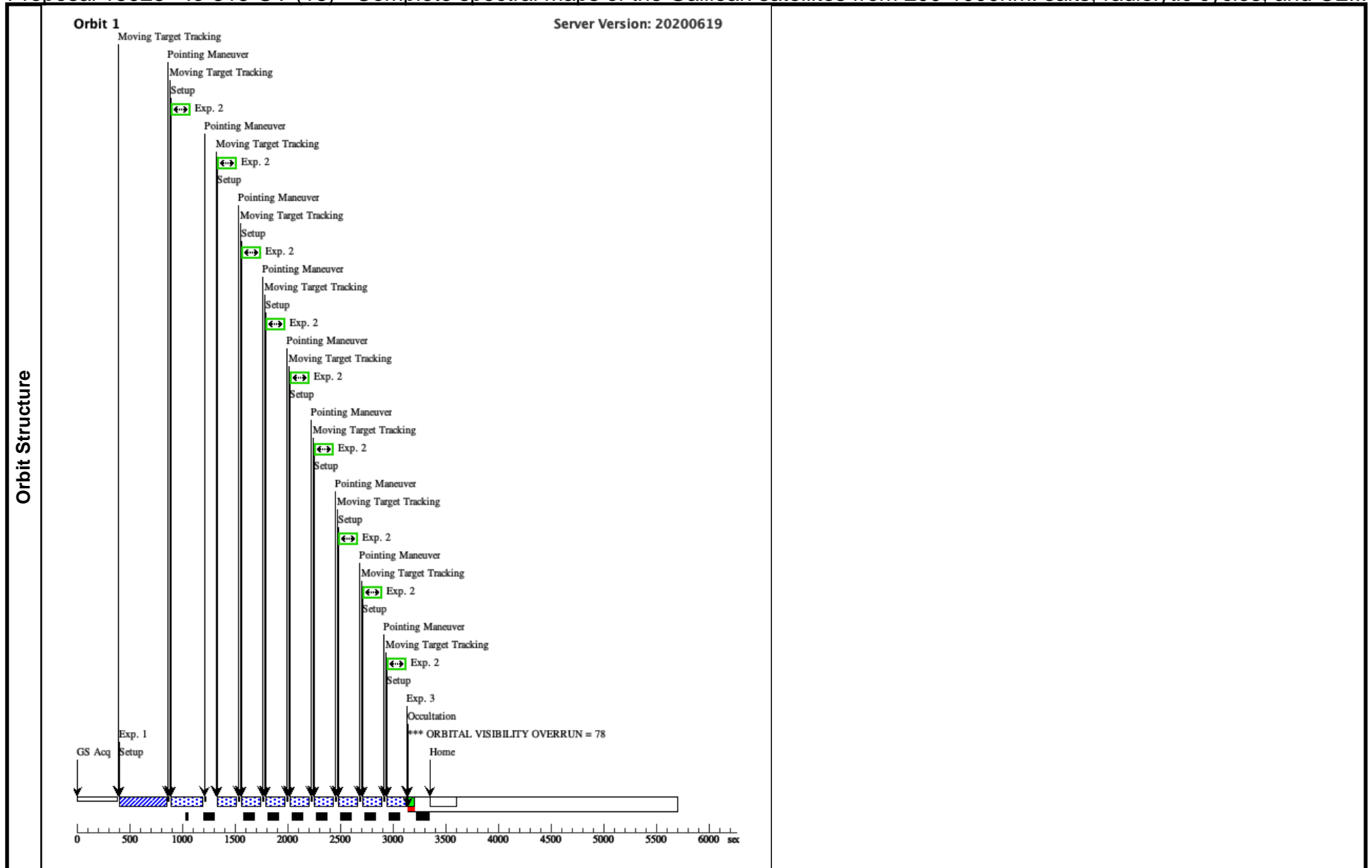
Visit	Proposal 15925, Io-225-UV (19), completed Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: (none)									
	(Io-225-UV (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnosics										
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=9 Point Spacing=0.1 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(3)	IO-225	STD=JUPITER	STD=IO		NOT OCC OF IO-225 BY JUPITER FROM EARTH, SEP OF IO-225 EUROPA FROM EARTH GT 10", SEP OF IO-225 GANYMEDE FROM EARTH GT 10", SEP OF IO-225 CALLISTO FROM EARTH GT 10", CML OF IO-225 FROM EARTH BETWEEN 220 230, SEP OF IO-225 JUPITER FROM EARTH GT 12.5"	EARTH			
Comments: Description=centered near CLM=225 Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Io acquisition	(3) IO-225	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=21; DIFFUSE-CENTER=GEOMETRIC-CENTER		Sequence 1-3 Non-Int in Io-225-UV (19)	5 Secs (5 Secs) [==>]	[1]
	2	9x167s @ G230L (1372659)	(3) IO-225	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	WAVECAL=NO		Sequence 1-3 Non-Int in Io-225-UV (19) Pattern 1, Exps 2-2 in Sequence 1-3 Non-Int in Io-225-UV (19) (1)	167 Secs (1503 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)]	[1]
	3	Wavecal for G230L	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Sequence 1-3 Non-Int in Io-225-UV (19)	[==>]	[1]



Proposal 15925 - Io-315-UV (18) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles, and O2...

Tue Nov 03 14:02:28 GMT 2020

Visit	Proposal 15925, Io-315-UV (18), completed Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: (none)									
	(Io-315-UV (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnosics										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=STIS-PERP-TO-SLIT		Coordinate Frame=POS-TARG						(2)
		Purpose=MOSAIC		Pattern Orientation=0.0						
		Number Of Points=9		Angle Between Sides=						
		Point Spacing=0.1		Center Pattern=true						
		Line Spacing=								
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(4)	IO-315	STD=JUPITER	STD=IO		NOT OCC OF IO-315 BY JUPITER FROM EARTH, SEP OF IO-315 EUROPA FROM EARTH GT 10", SEP OF IO-315 GANYMEDE FROM EARTH GT 10", SEP OF IO-315 CALLISTO FROM EARTH GT 10", CML OF IO-315 FROM EARTH BETWEEN 310 320, SEP OF IO-315 JUPITER FROM EARTH GT 12.5"	EARTH			
Comments: Description=near CML=315 Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Io acquisition	(4) IO-315	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE;		Sequence 1-3 Non-Int in Io-315-UV (18)	5 Secs (5 Secs) [==>]	[1]
	2	9x167s @ G230L (1372659)	(4) IO-315	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	WAVECAL=NO		Sequence 1-3 Non-Int in Io-315-UV (18) Pattern 1, Exps 2-2 in Sequence 1-3 Non-Int in Io-315-UV (18) (1)	167 Secs (1503 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)]	[1]
	3	Wavecal for G230L	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Sequence 1-3 Non-Int in Io-315-UV (18)	[==>]	[1]

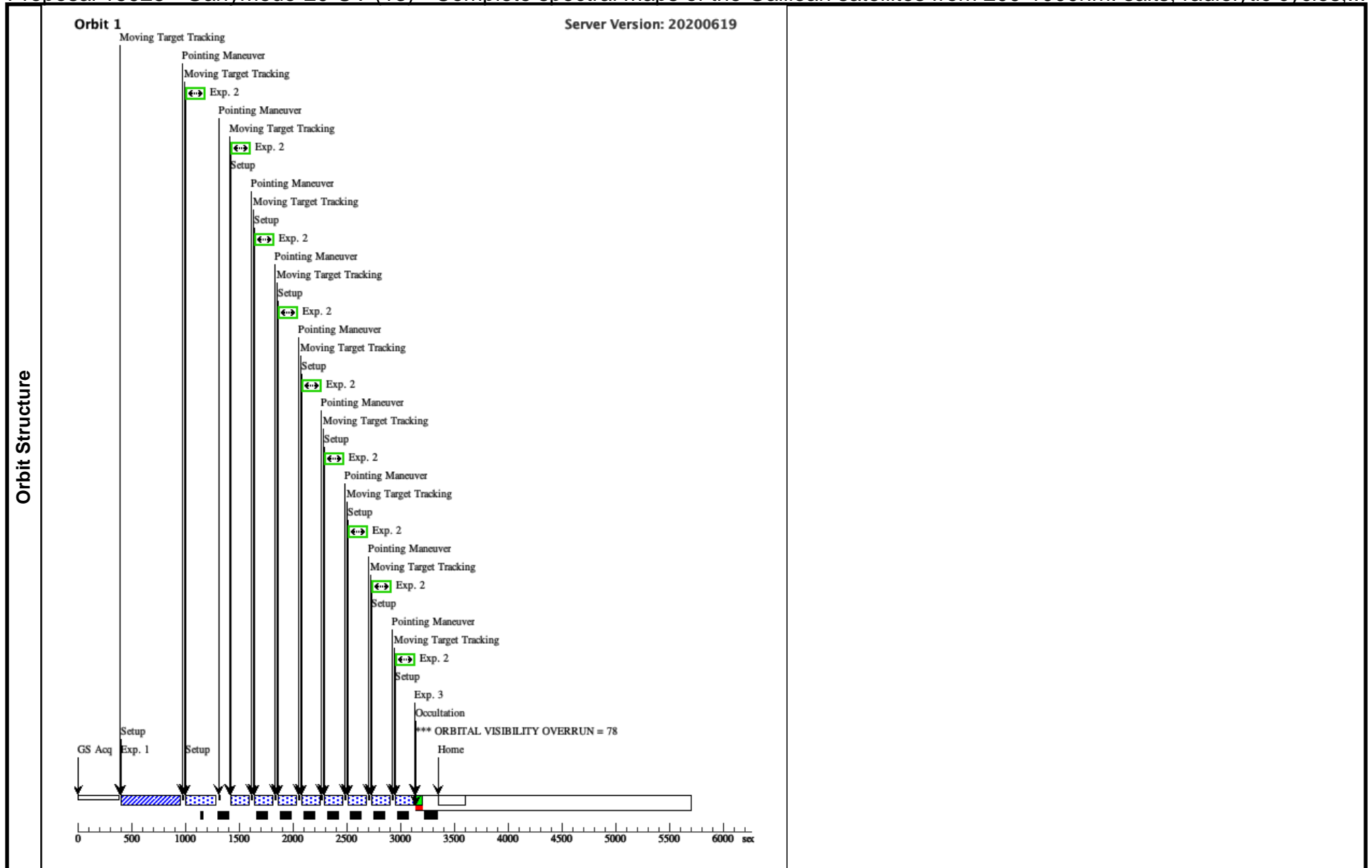


Proposal 15925 - Ganymede-20-UV (13) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles,...

Visit	Proposal 15925, Ganymede-20-UV (13), failed Tue Nov 03 14:02:28 GMT 2020 Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: (none)						
	Diagnostics (Ganymede-20-UV (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(3)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=9 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(5)	GANYMEDE-20	STD=JUPITER	STD=GANYMEDE		NOT OCC OF GANYMEDE-20 BY JUPITER FROM EARTH, SEP OF GANYMEDE-20 IO FROM EARTH GT 10", SEP OF GANYMEDE-20 EUROPA FROM EARTH GT 10", SEP OF GANYMEDE-20 CALLISTO FROM EARTH GT 10", CML OF GANYMEDE-20 FROM EARTH BETWEEN 15 25, SEP OF GANYMEDE-20 JUPITER FROM EARTH GT 12.5"	EARTH
Comments: Description=near CML=20 Extended=YES							

Proposal 15925 - Ganymede-20-UV (13) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles,...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Ganymede acquisition	(5) GANYMEDE-20 STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER		Sequence 1-3 Non-Int in Ganymede-20-UV (13)	5 Secs (5 Secs) [==>]	[1]
	2	9x155s @ G230L (1372658)	(5) GANYMEDE-20 STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	WAVECAL=NO		Sequence 1-3 Non-Int in Ganymede-20-UV (13) Pattern 3, Exps 2-2 in Sequence 1-3 Non-Int in Ganymede-20-UV (13) (3)	155 Secs (1395 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)]	[1]
	3	Wavecal for G230L	WAVE STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Sequence 1-3 Non-Int in Ganymede-20-UV (13)	[==>]	[1]



Proposal 15925 - Ganymede-20-UV (25) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles,...

Tue Nov 03 14:02:28 GMT 2020

Visit	Proposal 15925, Ganymede-20-UV (25), completed Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: (none) <i>Comments: Replacement for failed visit 13</i>					
	Diagnosics (Ganymede-20-UV (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(3)	Pattern Type=STIS-PERP-TO-SLIT Purpose=MOSAIC Number Of Points=9 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true			(2)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(5)	GANYMEDE-20	STD=JUPITER	STD=GANYMEDE		NOT OCC OF GANYMEDE-20 BY EARTH JUPITER FROM EARTH, SEP OF GANYMEDE-20 IO FROM EARTH GT 10", SEP OF GANYMEDE-20 EUROPA FROM EARTH GT 10", SEP OF GANYMEDE-20 CALLISTO FROM EARTH GT 10", CML OF GANYMEDE-20 FROM EARTH BETWEEN 15 25, SEP OF GANYMEDE-20 JUPITER FROM EARTH GT 12.5"
<i>Comments: Description=near CML=20 Extended=YES</i>						

Proposal 15925 - Ganymede-20-UV (25) - Complete spectral maps of the Galilean satellites from 200-1000nm: salts, radiolytic cycles,...

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Ganymede acquisition	(5) GANYMEDE-20 STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=DIFFUSE; CHECKBOX=31; DIFFUSE-CENTER=GEOMETRIC-CENTER		Sequence 1-3 Non-Int in Ganymede-20-UV (25)	5 Secs (5 Secs) [==>]	[1]
	2	9x155s @ G230L (1372658)	(5) GANYMEDE-20 STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	WAVECAL=NO		Sequence 1-3 Non-Int in Ganymede-20-UV (25) Pattern 3, Exps 2-2 in Sequence 1-3 Non-Int in Ganymede-20-UV (25) (3)	155 Secs (1395 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)] [==>(Pattern 7)] [==>(Pattern 8)] [==>(Pattern 9)]	[1]
	3	Wavecal for G230L	WAVE STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A			Sequence 1-3 Non-Int in Ganymede-20-UV (25)	[==>]	[1]

