



15262 - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Cycle: 25, Proposal Category: GO/DD

(Availability Mode: AVAILABLE)

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	(3) URANUS-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:24.0	yes
02	(3) URANUS-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:26.0	yes
03	(3) URANUS-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:28.0	yes
04	(3) URANUS-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:30.0	yes
05	(3) URANUS-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:34.0	yes
06	(3) URANUS-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:36.0	yes
07	(3) URANUS-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:37.0	yes
08	(3) URANUS-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:40.0	yes
09	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:41.0	yes
10	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:42.0	yes
11	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:43.0	yes
12	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:44.0	yes

Proposal 15262 (STScI Edit Number: 45, Created: Monday, September 17, 2018 1:01:37 PM EST) - 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>
13	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:44.0	yes
53	(1) JUPITER-MAPS	S/C	1	17-Sep-2018 14:00:45.0	yes
14	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:45.0	yes
15	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:46.0	yes
16	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:47.0	yes
17	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:48.0	yes
18	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:49.0	yes
58	(1) JUPITER-MAPS	S/C	1	17-Sep-2018 14:00:49.0	yes
19	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:50.0	yes
20	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:51.0	yes
21	(1) JUPITER-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:52.0	yes
22	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:53.0	yes
23	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:54.0	yes
24	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:56.0	yes
25	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:57.0	yes
26	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:00:59.0	yes
27	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:01.0	yes
28	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:02.0	yes
29	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:03.0	yes
62	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:05.0	yes
63	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:06.0	yes
64	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:07.0	yes
65	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:09.0	yes
66	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:10.0	yes
67	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:12.0	yes

<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>
68	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:13.0	yes
69	(4) NEPTUNE-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:15.0	yes
30	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:16.0	yes
51	(2) SATURN-MAPS	S/C	1	17-Sep-2018 14:01:17.0	yes
31	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:18.0	yes
32	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:19.0	yes
52	(2) SATURN-MAPS	S/C	1	17-Sep-2018 14:01:20.0	yes
33	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:21.0	yes
34	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:22.0	yes
35	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:24.0	yes
54	(2) SATURN-MAPS	S/C	1	17-Sep-2018 14:01:25.0	yes
36	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:25.0	yes
37	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:27.0	yes
55	(2) SATURN-MAPS	S/C	1	17-Sep-2018 14:01:28.0	yes
38	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:29.0	yes
39	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:30.0	yes
40	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:32.0	yes
56	(2) SATURN-MAPS	S/C	1	17-Sep-2018 14:01:33.0	yes
41	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:34.0	yes
42	(2) SATURN-MAPS	WFC3/UVIS	1	17-Sep-2018 14:01:35.0	yes

57 Total Orbits Used

ABSTRACT

Long time base observations of the outer planets are critical in understanding the atmospheric dynamics and evolution of the gas giants. We propose yearly monitoring of each giant planet for the remainder of Hubble's lifetime to provide a lasting legacy of increasingly valuable data for time-domain studies. The Hubble Space Telescope is a unique asset to planetary science, allowing high spatial resolution data with absolute photometric

knowledge. For the outer planets, gas/ice giant planets Jupiter, Saturn, Uranus and Neptune, many phenomena happen on timescales of years to decades, and the data we propose are beyond the scope of a typical GO program. Hubble is the only platform that can provide high spatial resolution global studies of cloud coloration, activity, and motion on a consistent time basis to help constrain the underlying mechanics.

OBSERVING DESCRIPTION

Global mapping for each of the four outer planets. Orbits spaced to allow complete longitude coverage for two rotations. Jupiter and Saturn orbits (when applicable) should be contiguous, and small incursions into the SAA may be ok. Uranus and Neptune orbits are spaced to give complete longitude coverage. CC: the PI and Co-I Wong on all correspondence

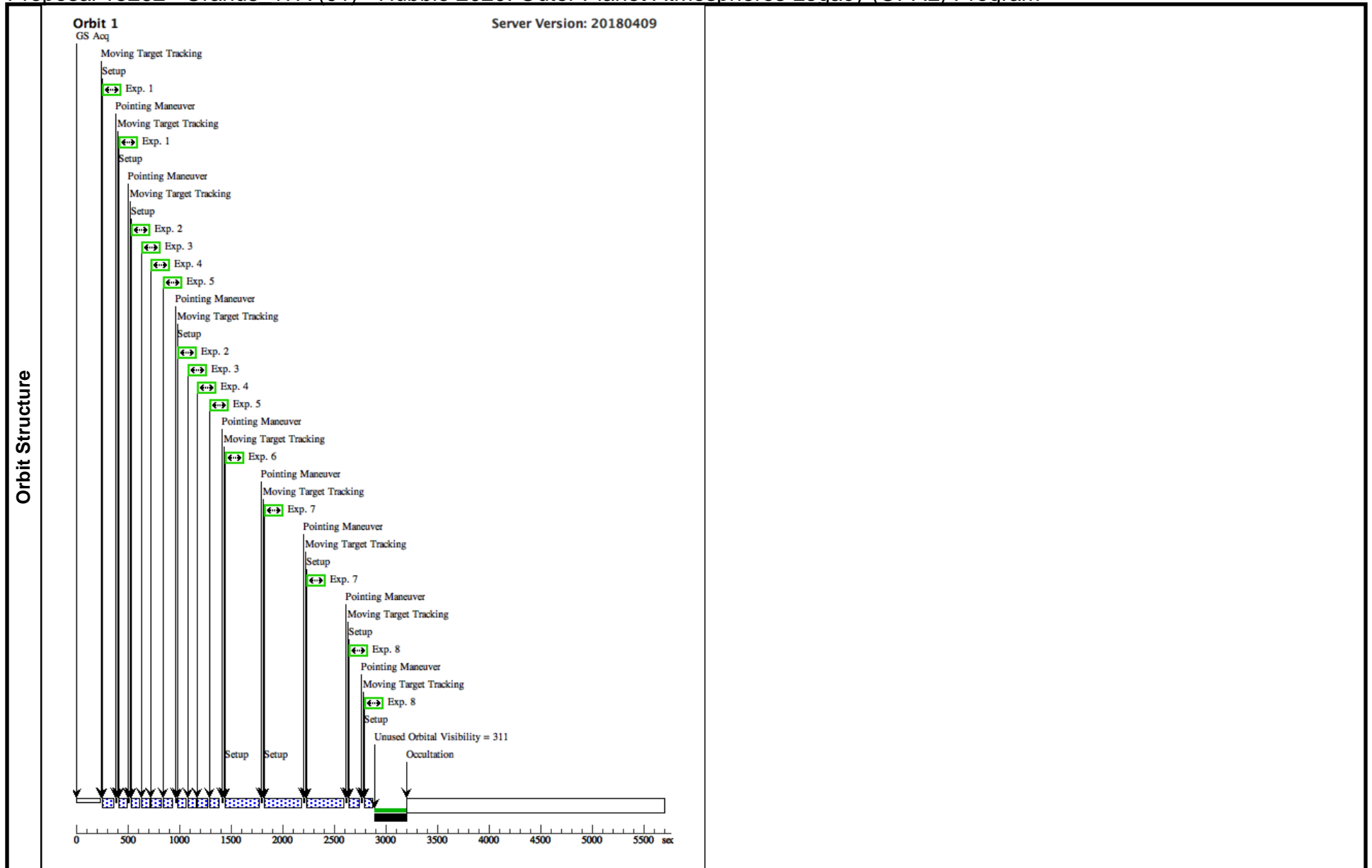
Proposal 15262 - Uranus 17A (01) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

Visit	<p>Proposal 15262, Uranus_17A (01), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: BETWEEN 14-SEP-2017:00:00:00 AND 24-NOV-2017:00:00:00</p> <p><i>Comments: Opposition (2017-OCT-19) +/- 35 days preferred. Filters as per Cycle 23/24 for consistency (F657 instead of F658, F763 instead of FQ924)</i></p> <p><i>8 orbits, with 2-orbit gaps between all visits (but prefer a 1-orbit gap between visits D/E, E/F, or F/G). Some shifting is OK, but absolutely need to keep all orbits such that visit H follows visit A with a gap of 19-21 orbits. Impingement into SAA is OK if the above timing gaps cannot prevent it.</i></p>						
	Diagnostics	<p>(F845M (01.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (01.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (01.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (01.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (01.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (01.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (01.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ727N_quadD (01.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (01.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(F845M (01.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>					
Patterns		#	Primary Pattern	Secondary Pattern	Exposures		
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1), (2-5), (7), (8)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(3)	URANUS-MAPS	STD=URANUS				EARTH
<p><i>Comments: Description=Global Uranus maps</i></p>							

Proposal 15262 - Uranus 17A (01) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARIO SINGLE	Sequence 1-8 Non-Int in Uranus_17A (01)	35 Secs (70 Secs) [==>(Pattern 1)]	[1]
								Pattern 3, Exps 1-1 in Sequence 1-8 Non-Int in Uranus_17A (01) (3)	[==>(Pattern 2)]	
	2	F467M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17A (01)	14 Secs (28 Secs) [==>(Pattern 1)]	[1]
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17A (01) (3)	[==>(Pattern 2)]	
	3	F547M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-8 Non-Int in Uranus_17A (01)	6 Secs (12 Secs) [==>(Pattern 1)]	[1]
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17A (01) (3)	[==>(Pattern 2)]	
	4	F657N	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17A (01)	40 Secs (80 Secs) [==>(Pattern 1)]	[1]
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17A (01) (3)	[==>(Pattern 2)]	
5	F763M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17A (01)	30 Secs (60 Secs) [==>(Pattern 1)]	[1]	
							Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17A (01) (3)	[==>(Pattern 2)]		
6	FQ619N_quadA	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,-18.179	Sequence 1-8 Non-Int in Uranus_17A (01)	144 Secs (144 Secs) [==>]	[1]	
7	FQ727N_quadD	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245,+16.537	Sequence 1-8 Non-Int in Uranus_17A (01)	200 Secs (400 Secs) [==>(Pattern 1)]	[1]	
							Pattern 3, Exps 7-7 in Sequence 1-8 Non-Int in Uranus_17A (01) (3)	[==>(Pattern 2)]		
8	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17A (01)	35 Secs (70 Secs) [==>(Pattern 1)]	[1]	
							Pattern 3, Exps 8-8 in Sequence 1-8 Non-Int in Uranus_17A (01) (3)	[==>(Pattern 2)]		



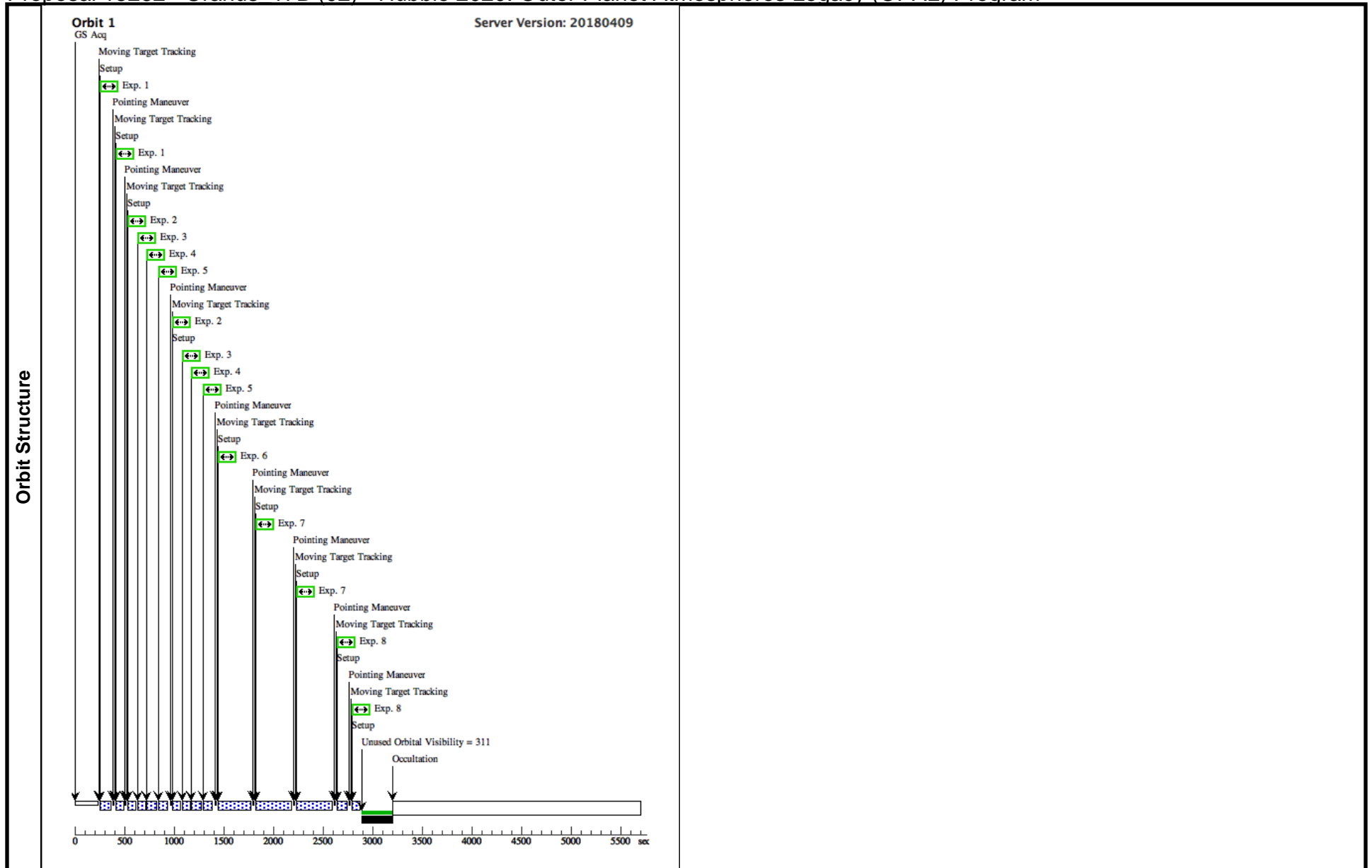
Proposal 15262 - Uranus 17B (02) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

Visit	<p>Proposal 15262, Uranus_17B (02), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 01 BY 1.9 Orbits TO 3.1 Orbits</p> <p><i>Comments: Opposition +/- 35 days preferred</i></p>						
	Diagnostics	<p>(F845M (02.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (02.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (02.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (02.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (02.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (02.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (02.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ727N_quadD (02.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (02.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(F845M (02.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>					
Patterns		#	Primary Pattern	Secondary Pattern	Exposures		
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1), (2-5), (7), (8)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(3)	URANUS-MAPS	STD=URANUS				EARTH
<p><i>Comments: Description=Global Uranus maps</i></p>							

Proposal 15262 - Uranus 17B (02) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Sequence 1-8 Non-Int in Uranus_17B (02) Pattern 3, Exps 1-1 in Sequence 1-8 Non-Int in Uranus_17B (02) (3)	35 Secs (70 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17B (02) Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17B (02) (3)	14 Secs (28 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-8 Non-Int in Uranus_17B (02) Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17B (02) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17B (02) Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17B (02) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17B (02) Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17B (02) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ619N_quadA	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,-18.179	Sequence 1-8 Non-Int in Uranus_17B (02)	144 Secs (144 Secs) [==>]	[1]
	7	FQ727N_quadD	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245,+16.537	Sequence 1-8 Non-Int in Uranus_17B (02) Pattern 3, Exps 7-7 in Sequence 1-8 Non-Int in Uranus_17B (02) (3)	200 Secs (400 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	8	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17B (02) Pattern 3, Exps 8-8 in Sequence 1-8 Non-Int in Uranus_17B (02) (3)	35 Secs (70 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



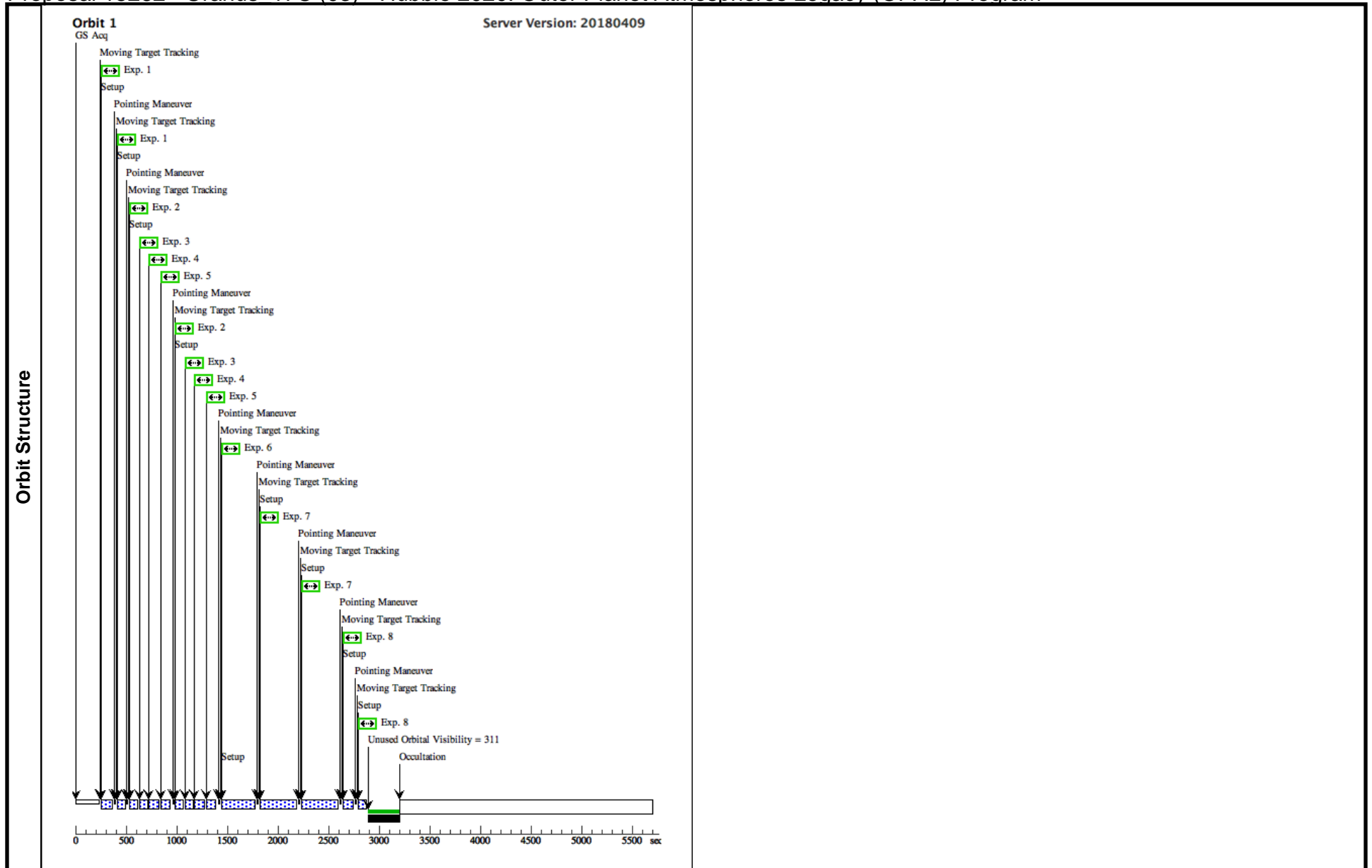
Proposal 15262 - Uranus 17C (03) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

Visit	<p>Proposal 15262, Uranus_17C (03), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 02 BY 1.9 Orbits TO 3.1 Orbits</p> <p><i>Comments: Opposition +/- 35 days preferred</i></p>						
	Diagnostics	<p>(F845M (03.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (03.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (03.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (03.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (03.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (03.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (03.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ727N_quadD (03.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (03.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(F845M (03.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>					
Patterns		#	Primary Pattern	Secondary Pattern	Exposures		
	(3)	<p>Pattern Type=WFC3-UVIS-DITHER-LINE</p> <p>Purpose=DITHER</p> <p>Number Of Points=2</p> <p>Point Spacing=0.725</p> <p>Line Spacing=</p>	<p>Coordinate Frame=POS-TARG</p> <p>Pattern Orientation=46.84</p> <p>Angle Between Sides=</p> <p>Center Pattern=false</p>	(1), (2-5), (7), (8)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(3)	URANUS-MAPS	STD=URANUS				EARTH
<p><i>Comments: Description=Global Uranus maps</i></p>							

Proposal 15262 - Uranus 17C (03) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Sequence 1-8 Non-Int in Uranus_17C (03)	35 Secs (70 Secs)	
								Pattern 3, Exps 1-1 in Sequence 1-8 Non-Int in Uranus_17C (03) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17C (03)	14 Secs (28 Secs)	
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17C (03) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-8 Non-Int in Uranus_17C (03)	6 Secs (12 Secs)	
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17C (03) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17C (03)	40 Secs (80 Secs)	
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17C (03) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
5	F763M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17C (03)	30 Secs (60 Secs)		
							Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17C (03) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]	
6	FQ619N_quadA	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,-18.179	Sequence 1-8 Non-Int in Uranus_17C (03)	144 Secs (144 Secs)		
								[==>]	[1]	
7	FQ727N_quadD	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245,+16.537	Sequence 1-8 Non-Int in Uranus_17C (03)	200 Secs (400 Secs)		
							Pattern 3, Exps 7-7 in Sequence 1-8 Non-Int in Uranus_17C (03) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]	
8	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17C (03)	35 Secs (70 Secs)		
							Pattern 3, Exps 8-8 in Sequence 1-8 Non-Int in Uranus_17C (03) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



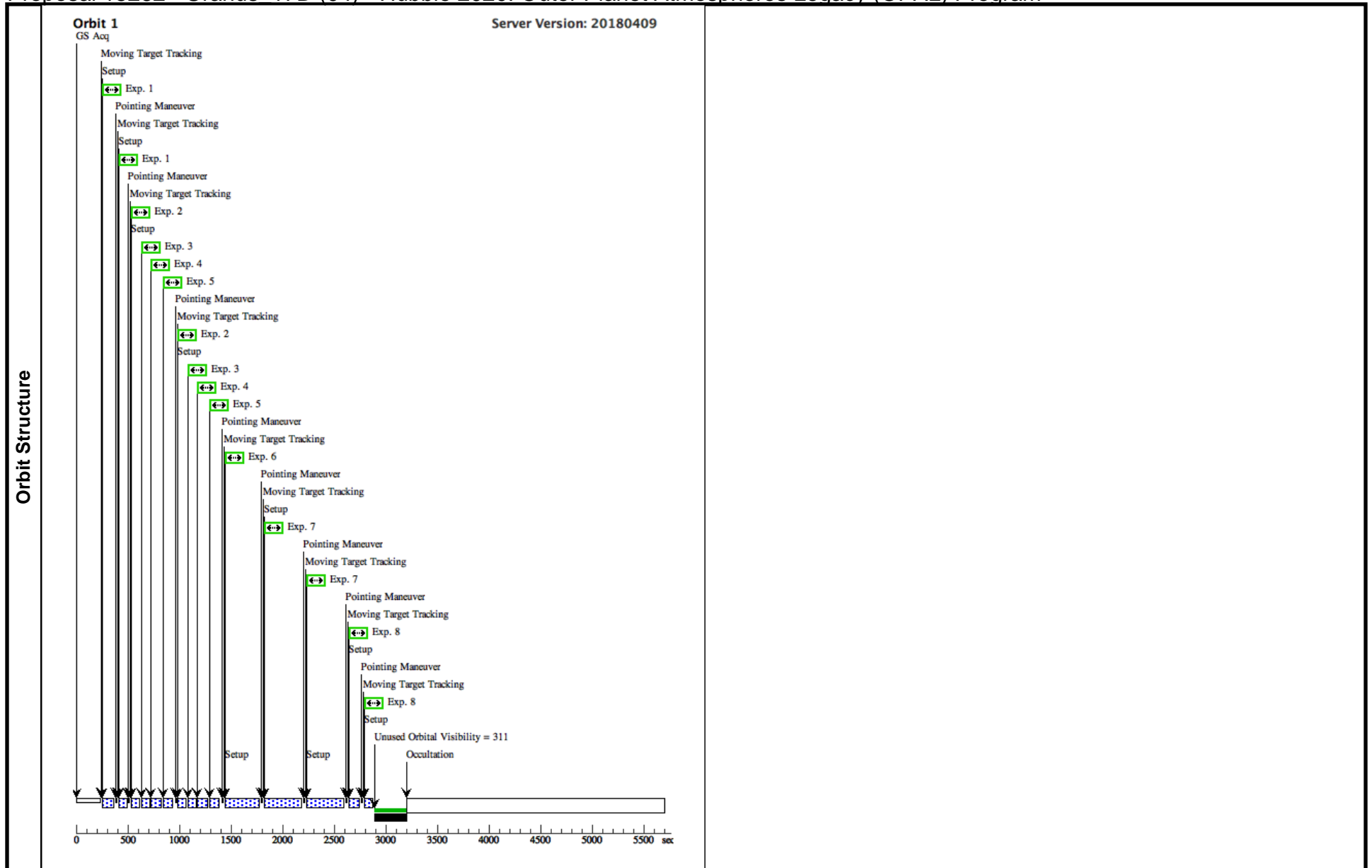
Proposal 15262 - Uranus 17D (04) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

Visit	<p>Proposal 15262, Uranus_17D (04), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 03 BY 1.9 Orbits TO 3.1 Orbits</p> <p><i>Comments: Opposition +/- 35 days preferred</i></p>						
	Diagnostics	<p>(F845M (04.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (04.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (04.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (04.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (04.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (04.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (04.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ727N_quadD (04.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (04.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(F845M (04.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>					
Patterns		#	Primary Pattern	Secondary Pattern	Exposures		
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1), (2-5), (7), (8)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(3)	URANUS-MAPS	STD=URANUS				EARTH
<p><i>Comments: Description=Global Uranus maps</i></p>							

Proposal 15262 - Uranus 17D (04) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Pattern 3, Exps 1-1 i n Uranus_17D (04) (3)	35 Secs (70 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Pattern 3, Exps 2-5 i n Uranus_17D (04) (3)	14 Secs (28 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Pattern 3, Exps 2-5 i n Uranus_17D (04) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Pattern 3, Exps 2-5 i n Uranus_17D (04) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Pattern 3, Exps 2-5 i n Uranus_17D (04) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ619N_qu adA	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179		144 Secs (144 Secs) [==>]	[1]
	7	FQ727N_qu adD	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Pattern 3, Exps 7-7 i n Uranus_17D (04) (3)	200 Secs (400 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	8	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Pattern 3, Exps 8-8 i n Uranus_17D (04) (3)	35 Secs (70 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



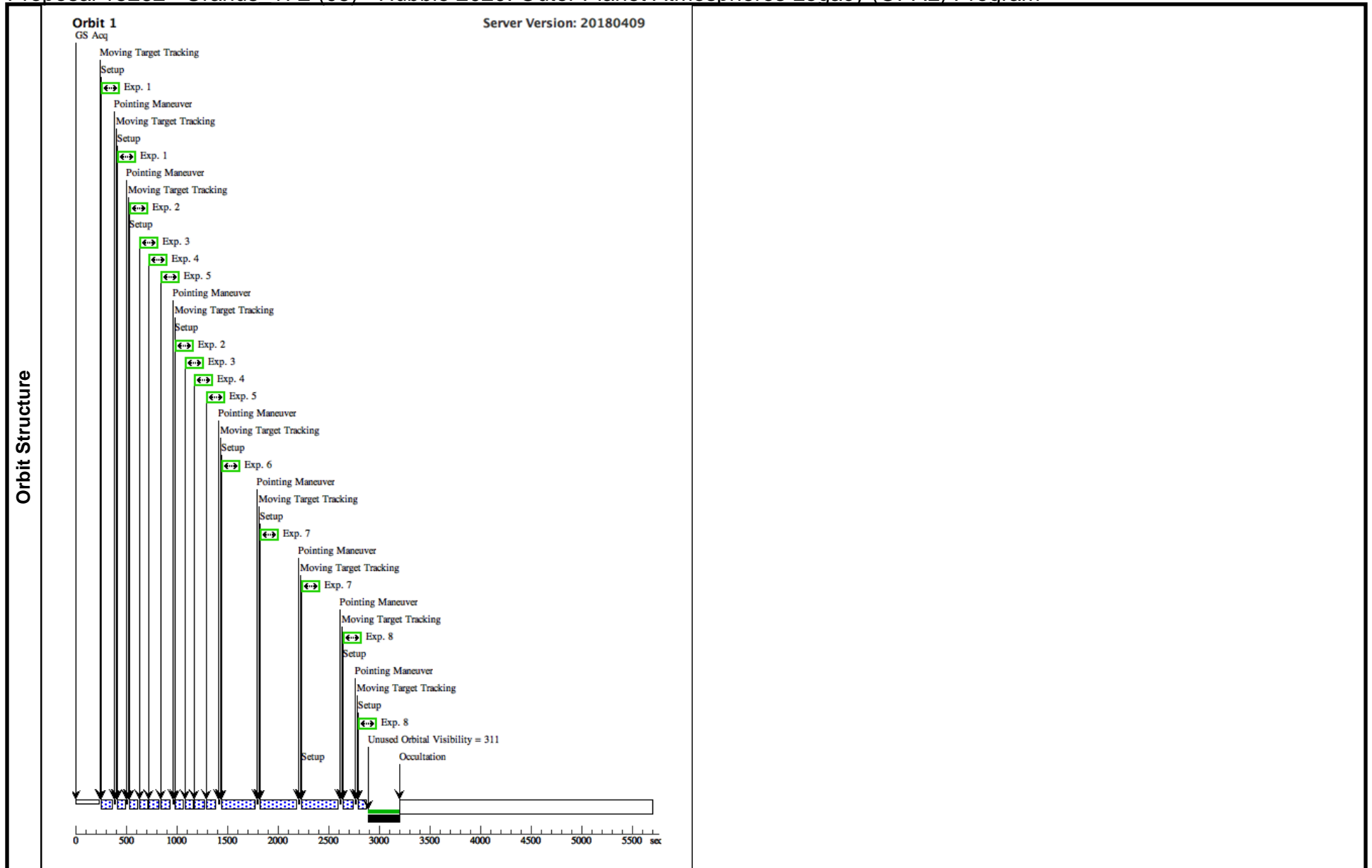
Proposal 15262 - Uranus 17E (05) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

Visit	<p>Proposal 15262, Uranus_17E (05), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 04 BY 1.9 Orbits TO 3.1 Orbits</p> <p><i>Comments: Opposition +/- 35 days preferred</i></p>					
	<p>(F845M (05.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (05.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (05.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (05.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (05.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (05.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (05.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ727N_quadD (05.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (05.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(F845M (05.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>					
Diagnosics						
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1), (2-5), (7), (8)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(3)	URANUS-MAPS	STD=URANUS			
<p><i>Comments: Description=Global Uranus maps</i></p>						

Proposal 15262 - Uranus 17E (05) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARIO SINGLE	Sequence 1-8 Non-Int in Uranus_17E (05)	35 Secs (70 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17E (05) Pattern 3, Exps 1-1 in Sequence 1-8 Non-Int in Uranus_17E (05) (3)	14 Secs (28 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-8 Non-Int in Uranus_17E (05) Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17E (05) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17E (05) Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17E (05) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17E (05) Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17E (05) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ619N_quadA	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,-18.179	Sequence 1-8 Non-Int in Uranus_17E (05)	144 Secs (144 Secs) [==>]	[1]
	7	FQ727N_quadD	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245,+16.537	Sequence 1-8 Non-Int in Uranus_17E (05) Pattern 3, Exps 7-7 in Sequence 1-8 Non-Int in Uranus_17E (05) (3)	200 Secs (400 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	8	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17E (05) Pattern 3, Exps 8-8 in Sequence 1-8 Non-Int in Uranus_17E (05) (3)	35 Secs (70 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



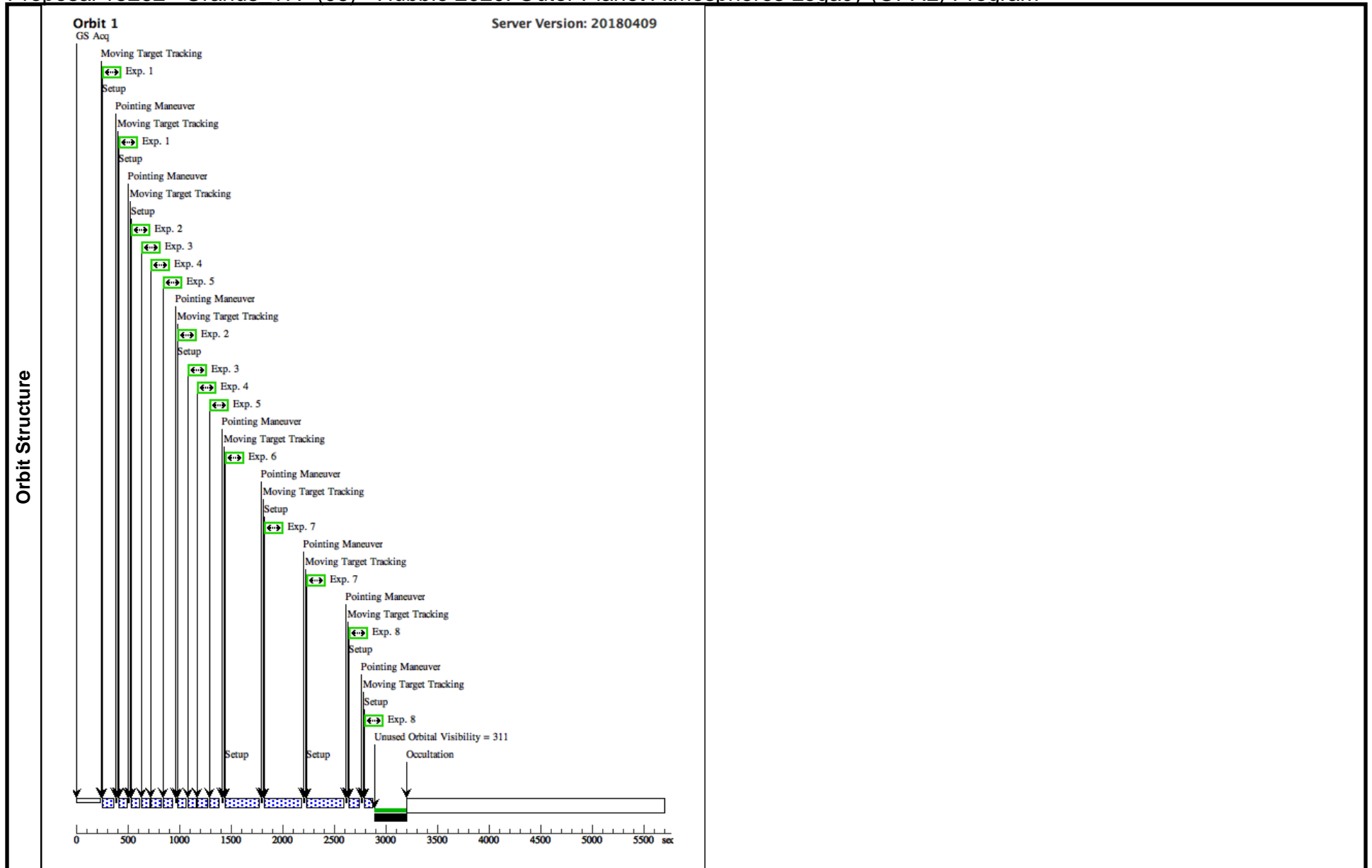
Proposal 15262 - Uranus 17F (06) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

Visit	<p>Proposal 15262, Uranus_17F (06), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 05 BY 1.9 Orbits TO 3.1 Orbits</p> <p><i>Comments: Opposition +/- 35 days preferred</i></p>																			
	Diagnostics	<p>(F845M (06.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (06.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (06.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (06.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (06.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (06.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (06.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ727N_quadD (06.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (06.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(F845M (06.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>																		
Patterns		<table border="1"> <thead> <tr> <th>#</th> <th>Primary Pattern</th> <th>Secondary Pattern</th> <th>Exposures</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td> Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(1), (2-5), (7), (8)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1), (2-5), (7), (8)										
	#	Primary Pattern	Secondary Pattern	Exposures																
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1), (2-5), (7), (8)																	
Solar System Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>URANUS-MAPS</td> <td>STD=URANUS</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> <p><i>Comments: Description=Global Uranus maps</i></p>						#	Name	Level 1	Level 2	Level 3	Window	Ephem Center	(3)	URANUS-MAPS	STD=URANUS				EARTH
	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center													
(3)	URANUS-MAPS	STD=URANUS				EARTH														

Proposal 15262 - Uranus 17F (06) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARIO SINGLE	Sequence 1-8 Non-Int in Uranus_17F (06)	35 Secs (70 Secs) [==>(Pattern 1)]	[1]
								Pattern 3, Exps 1-1 in Sequence 1-8 Non-Int in Uranus_17F (06) (3)	[==>(Pattern 2)]	
	2	F467M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17F (06)	14 Secs (28 Secs) [==>(Pattern 1)]	[1]
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17F (06) (3)	[==>(Pattern 2)]	
	3	F547M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-8 Non-Int in Uranus_17F (06)	6 Secs (12 Secs) [==>(Pattern 1)]	[1]
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17F (06) (3)	[==>(Pattern 2)]	
	4	F657N	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17F (06)	40 Secs (80 Secs) [==>(Pattern 1)]	[1]
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17F (06) (3)	[==>(Pattern 2)]	
	5	F763M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17F (06)	30 Secs (60 Secs) [==>(Pattern 1)]	[1]
							Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17F (06) (3)	[==>(Pattern 2)]		
6	FQ619N_quadA	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,-18.179	Sequence 1-8 Non-Int in Uranus_17F (06)	144 Secs (144 Secs) [==>]	[1]	
7	FQ727N_quadD	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245,+16.537	Sequence 1-8 Non-Int in Uranus_17F (06)	200 Secs (400 Secs) [==>(Pattern 1)]	[1]	
							Pattern 3, Exps 7-7 in Sequence 1-8 Non-Int in Uranus_17F (06) (3)	[==>(Pattern 2)]		
8	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17F (06)	35 Secs (70 Secs) [==>(Pattern 1)]	[1]	
							Pattern 3, Exps 8-8 in Sequence 1-8 Non-Int in Uranus_17F (06) (3)	[==>(Pattern 2)]		



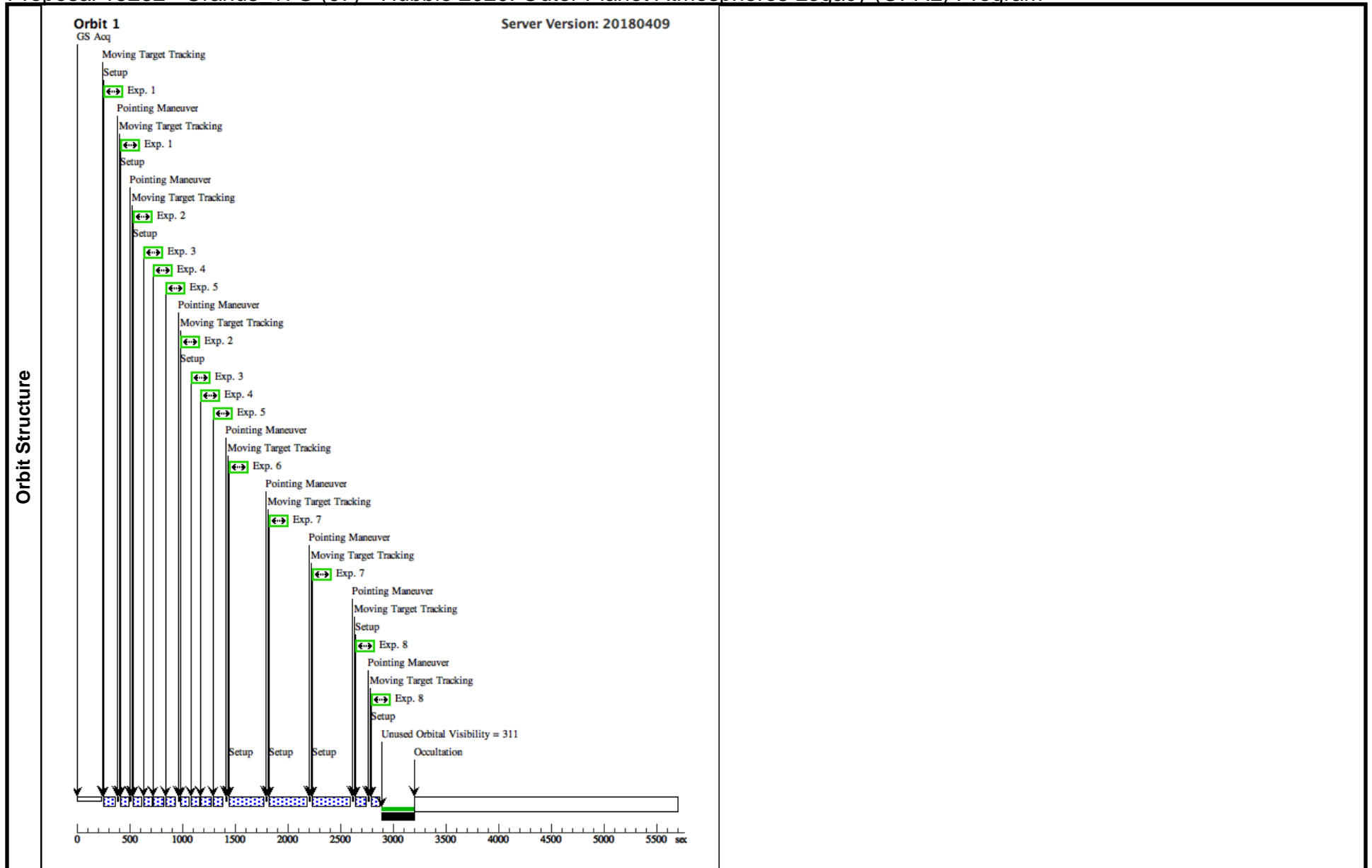
Proposal 15262 - Uranus 17G (07) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

Visit	<p>Proposal 15262, Uranus_17G (07), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 06 BY 1.9 Orbits TO 3.1 Orbits; SEQ 07,08 WITHIN 3 Orbits</p> <p><i>Comments: Opposition +/- 35 days preferred</i></p>																				
	Diagnostics	<p>(F845M (07.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (07.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (07.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (07.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (07.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (07.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (07.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ727N_quadD (07.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (07.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(F845M (07.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>																			
Patterns		<table border="1"> <thead> <tr> <th>#</th> <th>Primary Pattern</th> <th>Secondary Pattern</th> <th>Exposures</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td> Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(1), (2-5), (7), (8)</td> </tr> </tbody> </table>		#	Primary Pattern	Secondary Pattern	Exposures	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1), (2-5), (7), (8)										
		#	Primary Pattern	Secondary Pattern	Exposures																
(3)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1), (2-5), (7), (8)																	
Solar System Targets		<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>URANUS-MAPS</td> <td>STD=URANUS</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> <p><i>Comments: Description=Global Uranus maps</i></p>						#	Name	Level 1	Level 2	Level 3	Window	Ephem Center	(3)	URANUS-MAPS	STD=URANUS				EARTH
		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center													
(3)		URANUS-MAPS	STD=URANUS				EARTH														

Proposal 15262 - Uranus 17G (07) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Sequence 1-8 Non-Int in Uranus_17G (07) Pattern 3, Exps 1-1 in Sequence 1-8 Non-Int in Uranus_17G (07) (3)	35 Secs (70 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17G (07) Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17G (07) (3)	14 Secs (28 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-8 Non-Int in Uranus_17G (07) Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17G (07) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17G (07) Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17G (07) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17G (07) Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17G (07) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ619N_quadA	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,-18.179	Sequence 1-8 Non-Int in Uranus_17G (07)	144 Secs (144 Secs) [==>]	[1]
	7	FQ727N_quadD	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245,+16.537	Sequence 1-8 Non-Int in Uranus_17G (07) Pattern 3, Exps 7-7 in Sequence 1-8 Non-Int in Uranus_17G (07) (3)	200 Secs (400 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	8	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17G (07) Pattern 3, Exps 8-8 in Sequence 1-8 Non-Int in Uranus_17G (07) (3)	35 Secs (70 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



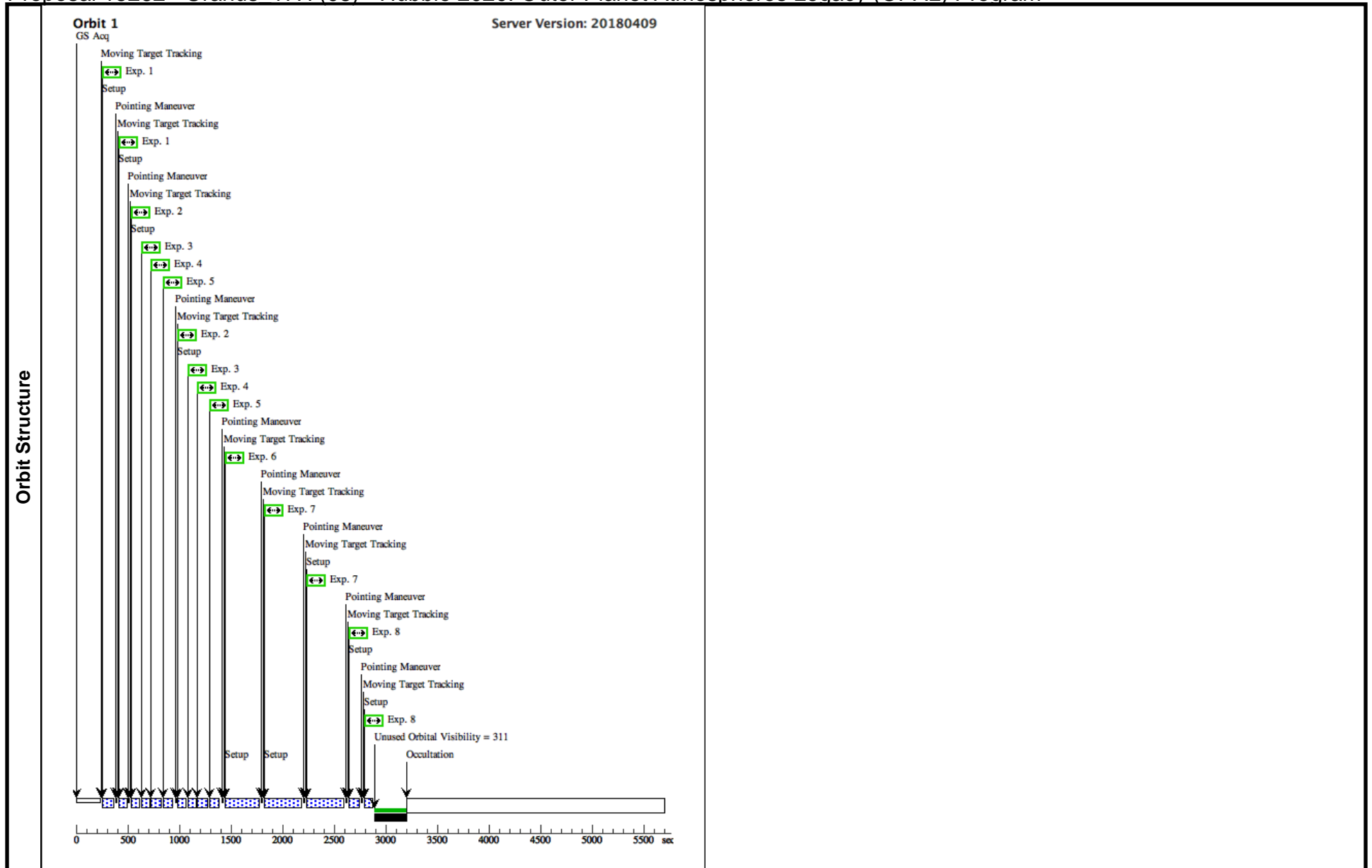
Proposal 15262 - Uranus 17H (08) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

Visit	<p>Proposal 15262, Uranus_17H (08), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 01 BY 18.9 Orbits TO 21.1 Orbits</p> <p><i>Comments: Opposition +/- 35 days preferred</i></p>																
	<p>(F845M (08.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (08.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (08.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (08.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (08.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (08.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (08.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ727N_quadD (08.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (08.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(F845M (08.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>																
Diagnosics	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Pattern</th> <th>Secondary Pattern</th> <th>Exposures</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td> Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(1), (2-5), (7), (8)</td> </tr> </tbody> </table>			#	Primary Pattern	Secondary Pattern	Exposures	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1), (2-5), (7), (8)						
	#	Primary Pattern	Secondary Pattern	Exposures													
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1), (2-5), (7), (8)														
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#	Name	Level 1	Level 2	Level 3	Window	Ephem Center											
(3)	URANUS-MAPS	STD=URANUS				EARTH											
Patterns	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>URANUS-MAPS</td> <td>STD=URANUS</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> <p><i>Comments: Description=Global Uranus maps</i></p>			#	Name	Level 1	Level 2	Level 3	Window	Ephem Center	(3)	URANUS-MAPS	STD=URANUS				EARTH
	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center										
(3)	URANUS-MAPS	STD=URANUS				EARTH											
<p>Solar System Targets</p>																	

Proposal 15262 - Uranus 17H (08) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

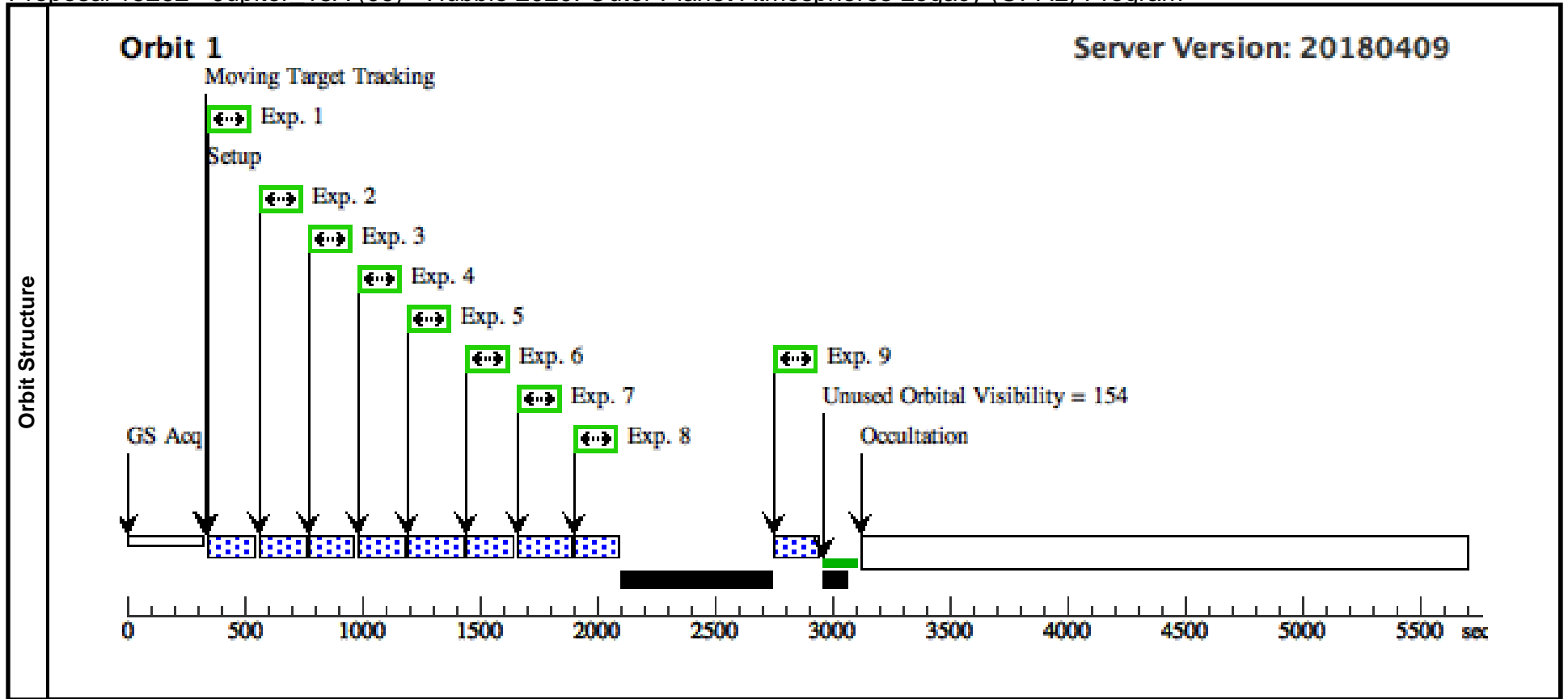
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Sequence 1-8 Non-Int in Uranus_17H (08)	35 Secs (70 Secs)	
								Pattern 3, Exps 1-1 in Sequence 1-8 Non-Int in Uranus_17H (08) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17H (08)	14 Secs (28 Secs)	
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17H (08) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-8 Non-Int in Uranus_17H (08)	6 Secs (12 Secs)	
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17H (08) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17H (08)	40 Secs (80 Secs)	
								Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17H (08) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
5	F763M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17H (08)	30 Secs (60 Secs)		
							Pattern 3, Exps 2-5 in Sequence 1-8 Non-Int in Uranus_17H (08) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]	
6	FQ619N_quadA	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,-18.179	Sequence 1-8 Non-Int in Uranus_17H (08)	144 Secs (144 Secs)		
								[==>]	[1]	
7	FQ727N_quadD	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245,+16.537	Sequence 1-8 Non-Int in Uranus_17H (08)	200 Secs (400 Secs)		
							Pattern 3, Exps 7-7 in Sequence 1-8 Non-Int in Uranus_17H (08) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]	
8	F845M	(3) URANUS-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-8 Non-Int in Uranus_17H (08)	35 Secs (70 Secs)		
							Pattern 3, Exps 8-8 in Sequence 1-8 Non-Int in Uranus_17H (08) (3)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



Proposal 15262 - Jupiter 18A (09) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

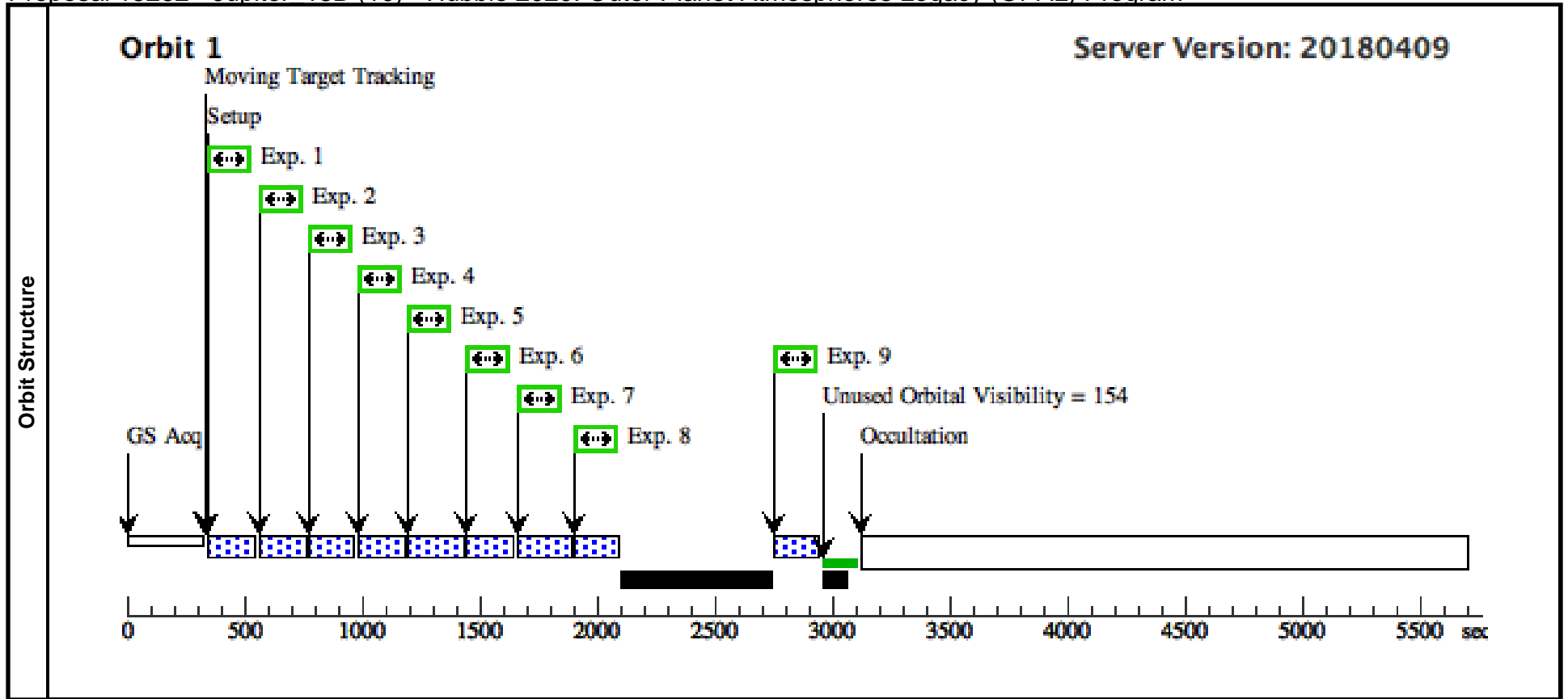
Visit	<p>Proposal 15262, Jupiter_18A (09), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: BETWEEN 09-APR-2018 AND 09-JUN-2018; VISIBILITY INTERVAL 52 M</p> <p><i>Comments: 13 orbits, should be contiguous, if possible. A gap of 1 or 2 orbits between 6 - 7 OR 7 - 8 is acceptable. Impingement into SAA is OK if the above timing gaps cannot prevent it.</i></p> <p><i>Opposition (2018 May 9) +/- 30 days preferred</i></p>									
	<p>(F631N (09.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F502N (09.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F395N (09.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (09.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ889_quadA (09.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F658N (09.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F275W (09.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (09.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F631N (09.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>									
Diagnostics										
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(1)	JUPITER-MAPS	STD=JUPITER				NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH	EARTH		
<i>Comments: Description=Global Jupiter maps</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18A (09)	4 Secs (4 Secs) [==>]	[1]
	2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18A (09)	3 Secs (3 Secs) [==>]	[1]
	3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18A (09)	10 Secs (10 Secs) [==>]	[1]
	4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18A (09)	1.2 Secs (1.2 Secs) [==>]	[1]
	5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18A (09)	53 Secs (53 Secs) [==>]	[1]
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18A (09)	8 Secs (8 Secs) [==>]	[1]
	7	F275W	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F275W	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18A (09)	30 Secs (30 Secs) [==>]	[1]
	8	F547M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18A (09)	.5 Secs (0.5 Secs) [==>]	[1]
	9	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18A (09)	4 Secs (4 Secs) [==>]	[1]



Proposal 15262 - Jupiter 18B (10) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

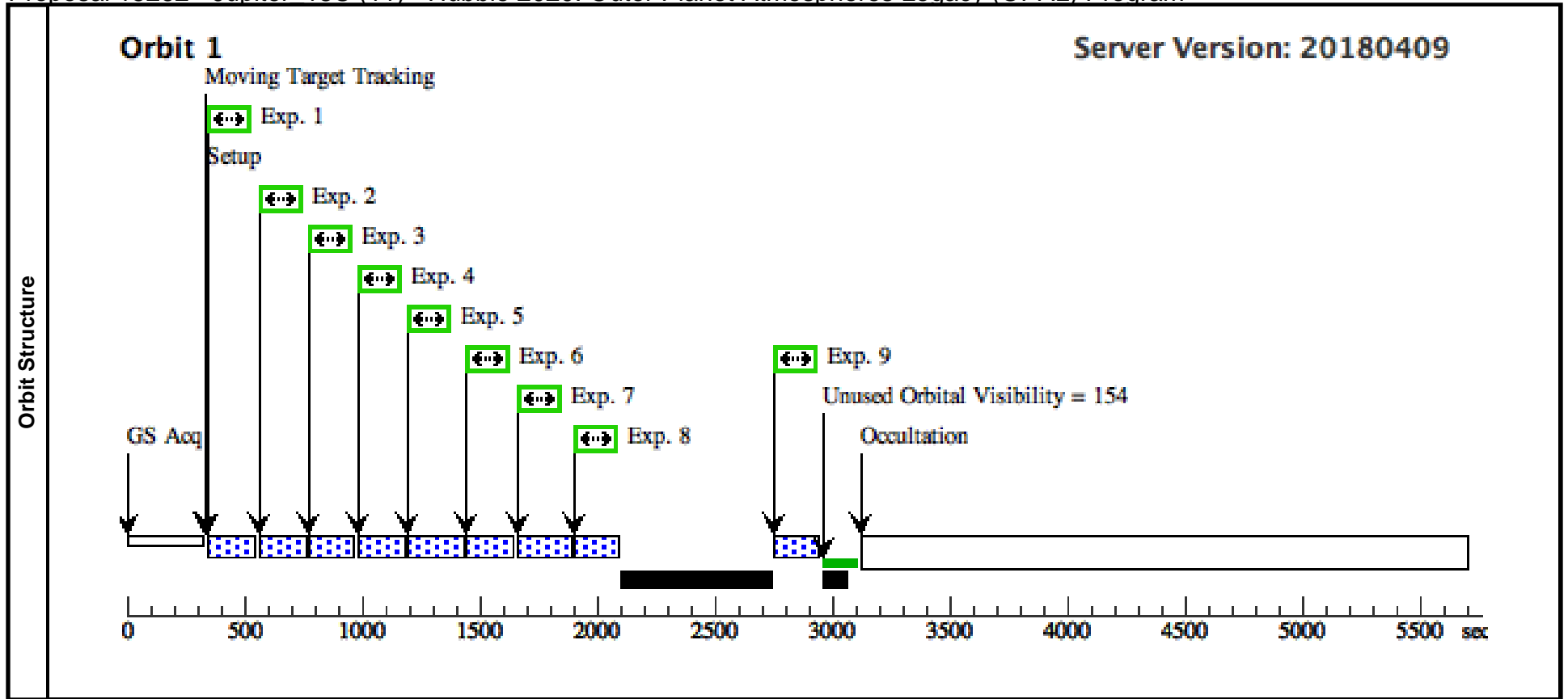
Visit	Proposal 15262, Jupiter_18B (10), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 09 BY 0.9 Orbits TO 1.1 Orbits; VISIBILITY INTERVAL 52 M										
	Diagnostics	(F631N (10.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (10.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (10.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (10.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (10.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (10.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (10.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F547M (10.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (10.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
		(1)	JUPITER-MAPS	STD=JUPITER			NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH	EARTH			
		<i>Comments: Description=Global Jupiter maps</i>									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18B (10)	4 Secs (4 Secs) [==>]	[1]
		2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18B (10)	3 Secs (3 Secs) [==>]	[1]
		3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18B (10)	10 Secs (10 Secs) [==>]	[1]
		4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18B (10)	1.2 Secs (1.2 Secs) [==>]	[1]
		5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18B (10)	53 Secs (53 Secs) [==>]	[1]
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18B (10)	8 Secs (8 Secs) [==>]	[1]	
	7	F275W	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F275W	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18B (10)	30 Secs (30 Secs) [==>]	[1]	
	8	F547M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18B (10)	.5 Secs (0.5 Secs) [==>]	[1]	
	9	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18B (10)	4 Secs (4 Secs) [==>]	[1]	



Proposal 15262 - Jupiter 18C (11) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

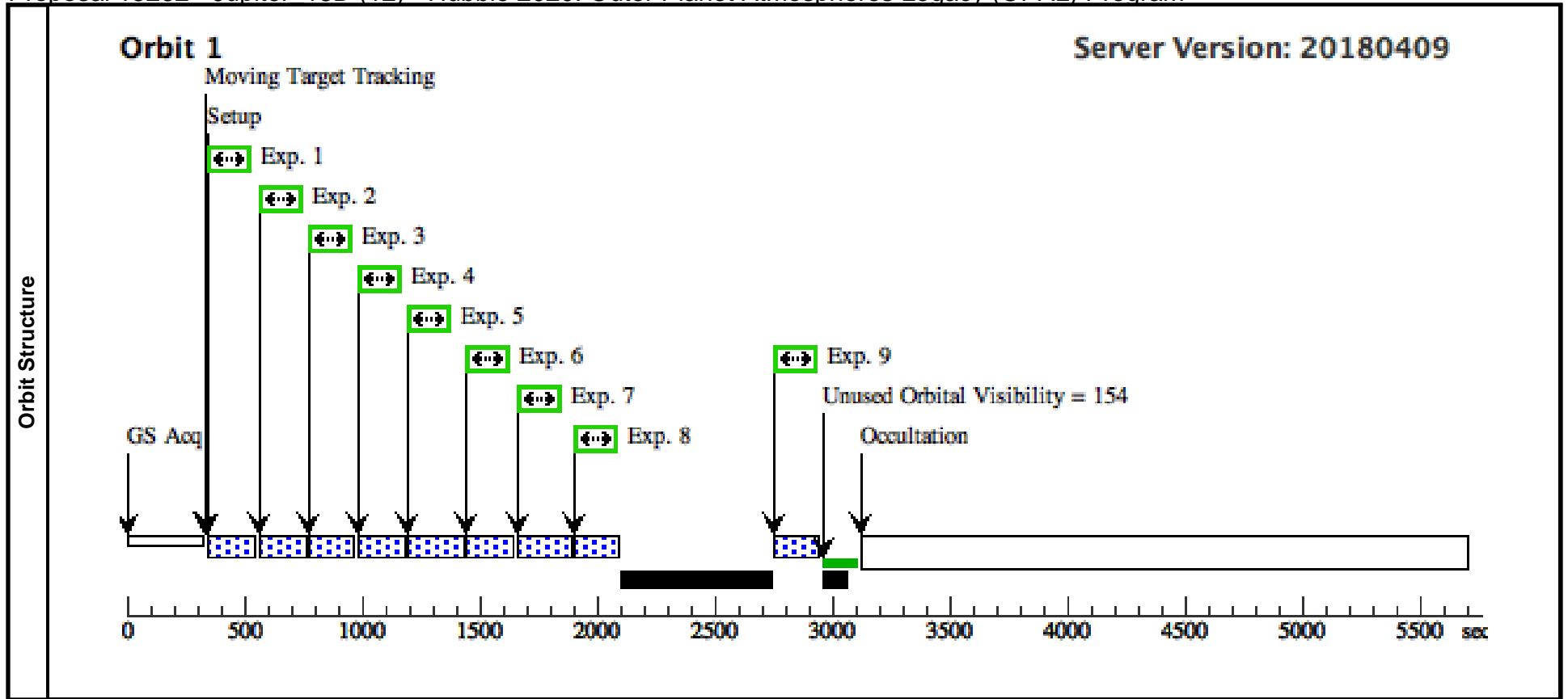
Visit	Proposal 15262, Jupiter_18C (11), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 10 BY 0.9 Orbits TO 1.1 Orbits; VISIBILITY INTERVAL 52 M										
	Diagnostics	(F631N (11.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (11.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (11.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (11.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (11.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (11.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (11.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F547M (11.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (11.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(1)	JUPITER-MAPS	STD=JUPITER				NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH	EARTH			
<i>Comments: Description=Global Jupiter maps</i>											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18C (11)	4 Secs (4 Secs) [==>]	[1]	
	2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18C (11)	3 Secs (3 Secs) [==>]	[1]	
	3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18C (11)	10 Secs (10 Secs) [==>]	[1]	
	4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18C (11)	1.2 Secs (1.2 Secs) [==>]	[1]	
	5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18C (11)	53 Secs (53 Secs) [==>]	[1]	
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18C (11)	8 Secs (8 Secs) [==>]	[1]	
	7	F275W	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F275W	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18C (11)	30 Secs (30 Secs) [==>]	[1]	
	8	F547M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18C (11)	.5 Secs (0.5 Secs) [==>]	[1]	
	9	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18C (11)	4 Secs (4 Secs) [==>]	[1]	



Proposal 15262 - Jupiter 18D (12) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

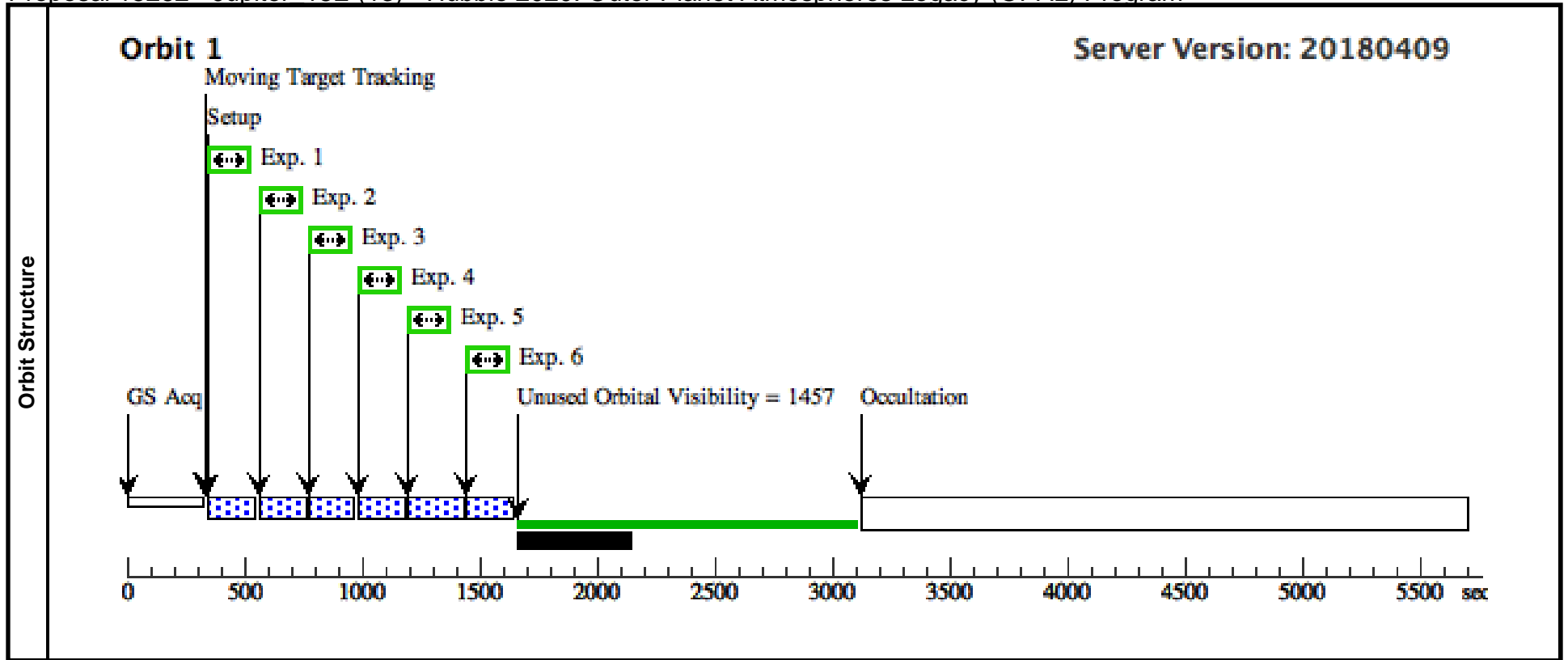
Visit	Proposal 15262, Jupiter_18D (12), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 11 BY 0.9 Orbits TO 1.1 Orbits; VISIBILITY INTERVAL 52 M										
	Diagnostics	(F631N (12.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (12.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (12.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (12.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (12.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (12.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (12.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F547M (12.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (12.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
		(1)	JUPITER-MAPS	STD=JUPITER			NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH	EARTH			
<i>Comments: Description=Global Jupiter maps</i>											
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18D (12)	4 Secs (4 Secs) [==>]	[1]
		2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18D (12)	3 Secs (3 Secs) [==>]	[1]
		3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18D (12)	10 Secs (10 Secs) [==>]	[1]
	4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18D (12)	1.2 Secs (1.2 Secs) [==>]	[1]	
	5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18D (12)	53 Secs (53 Secs) [==>]	[1]	
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18D (12)	8 Secs (8 Secs) [==>]	[1]	
	7	F275W	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F275W	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18D (12)	30 Secs (30 Secs) [==>]	[1]	
	8	F547M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18D (12)	.5 Secs (0.5 Secs) [==>]	[1]	
	9	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18D (12)	4 Secs (4 Secs) [==>]	[1]	



Proposal 15262 - Jupiter 18E (13) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:37 GMT 2018

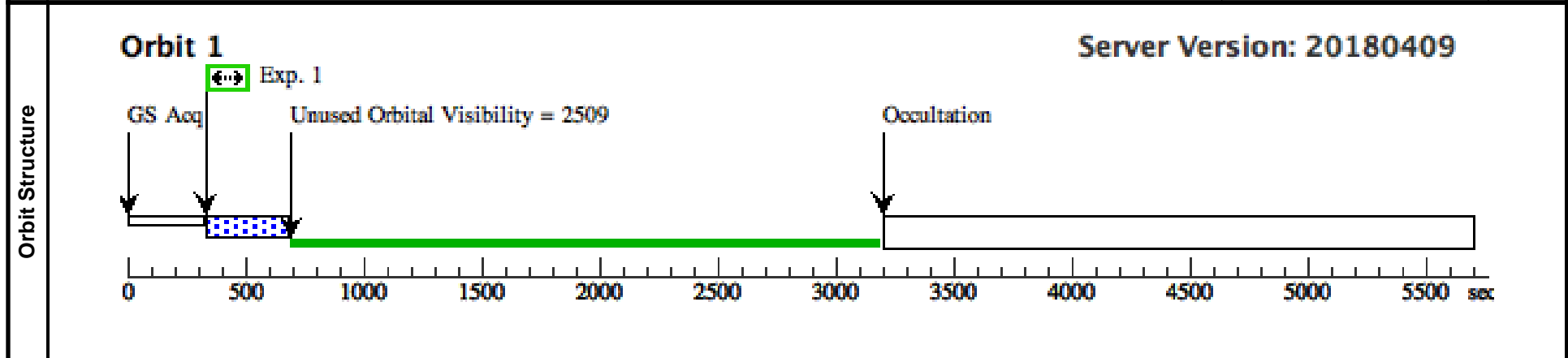
Visit	Proposal 15262, Jupiter_18E (13), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 12 BY 0.9 Orbits TO 1.1 Orbits; VISIBILITY INTERVAL 52 M									
	(F631N (13.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (13.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (13.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (13.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (13.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (13.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Diagnosics										
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(1)	JUPITER-MAPS	STD=JUPITER				NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH			
<i>Comments: Description=Global Jupiter maps</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-6 Non-Int in Jupiter_18E (13)	4 Secs (4 Secs) [==>]	[1]
	2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-6 Non-Int in Jupiter_18E (13)	3 Secs (3 Secs) [==>]	[1]
	3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-6 Non-Int in Jupiter_18E (13)	10 Secs (10 Secs) [==>]	[1]
	4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-6 Non-Int in Jupiter_18E (13)	1.2 Secs (1.2 Secs) [==>]	[1]
	5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-6 Non-Int in Jupiter_18E (13)	53 Secs (53 Secs) [==>]	[1]
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-6 Non-Int in Jupiter_18E (13)	8 Secs (8 Secs) [==>]	[1]



Visit	Proposal 15262, Gyro Bias Update (53), completed					
	Diagnostic Status: No Diagnostics					
	Scientific Instruments: S/C					
	Special Requirements: NOTRACK; AFTER 13 BY 0 Orbits TO 0.5 Orbits					

Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(1)	JUPITER-MAPS	STD=JUPITER				NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH
<i>Comments: Description=Global Jupiter maps</i>							

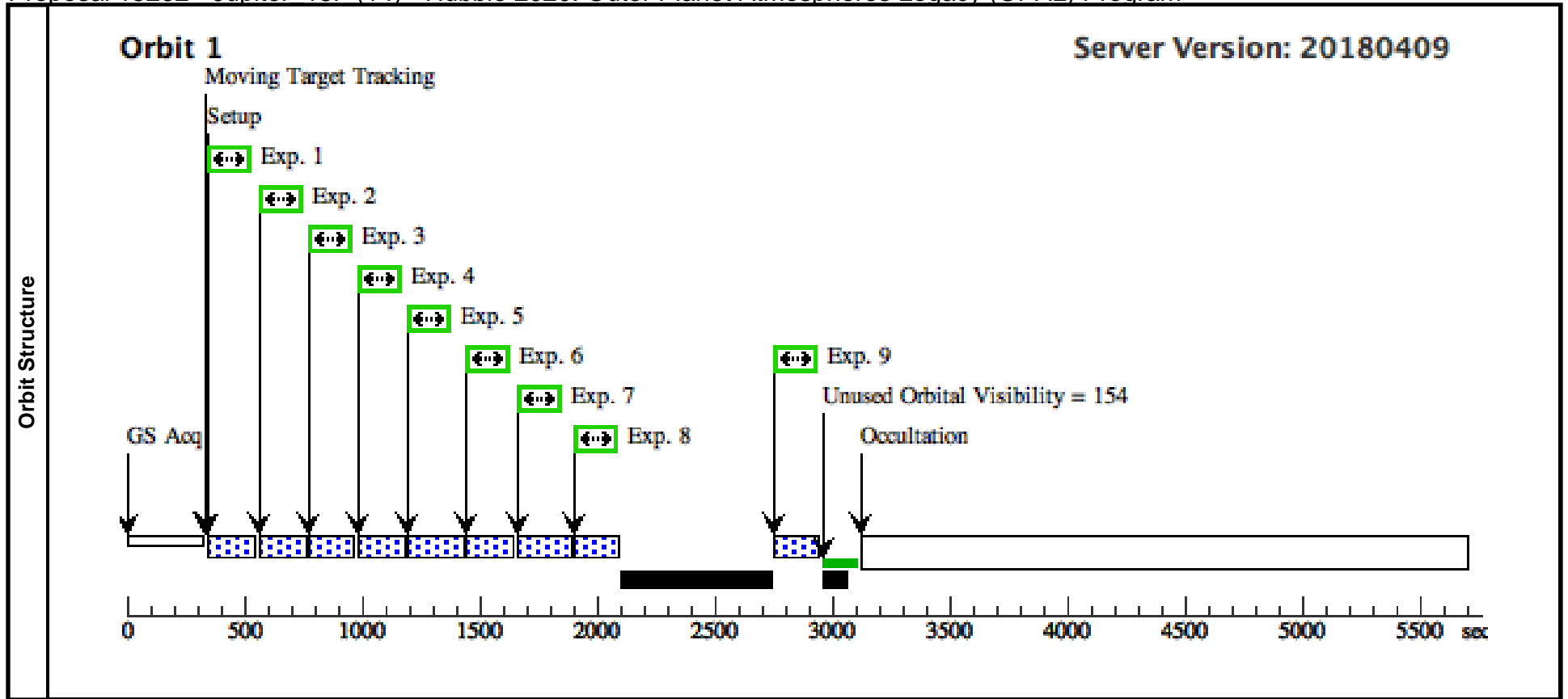
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) JUPITER-MAPS	S/C, POINTING, V1						360.0 Secs (360 Secs)
									[==>]	[1]



Proposal 15262 - Jupiter 18F (14) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

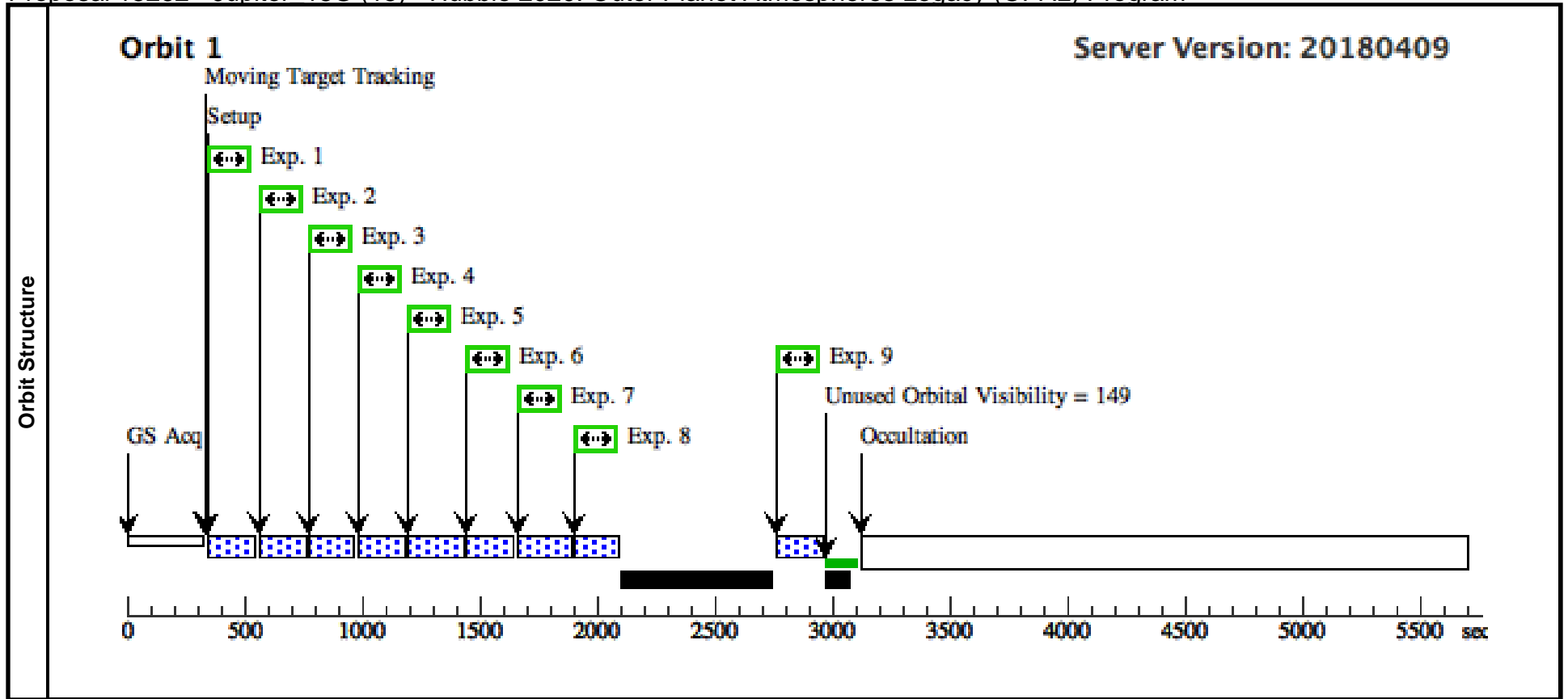
Visit	Proposal 15262, Jupiter_18F (14), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 13 BY 0.9 Orbits TO 2.1 Orbits; VISIBILITY INTERVAL 52 M										
	Diagnostics	(F631N (14.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (14.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (14.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (14.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (14.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (14.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (14.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F547M (14.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (14.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
		(1)	JUPITER-MAPS	STD=JUPITER			NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH	EARTH			
<i>Comments: Description=Global Jupiter maps</i>											
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A	GS ACQ SCENARI O BASE1B3	Sequence 1-9 Non-Int in Jupiter_18F (14)	4 Secs (4 Secs) [==>]	[1]
		2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18F (14)	3 Secs (3 Secs) [==>]	[1]
		3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18F (14)	10 Secs (10 Secs) [==>]	[1]
	4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18F (14)	1.2 Secs (1.2 Secs) [==>]	[1]	
	5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18F (14)	53 Secs (53 Secs) [==>]	[1]	
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18F (14)	8 Secs (8 Secs) [==>]	[1]	
	7	F275W	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F275W	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18F (14)	30 Secs (30 Secs) [==>]	[1]	
	8	F547M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18F (14)	.5 Secs (0.5 Secs) [==>]	[1]	
	9	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18F (14)	4 Secs (4 Secs) [==>]	[1]	



Proposal 15262 - Jupiter 18G (15) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

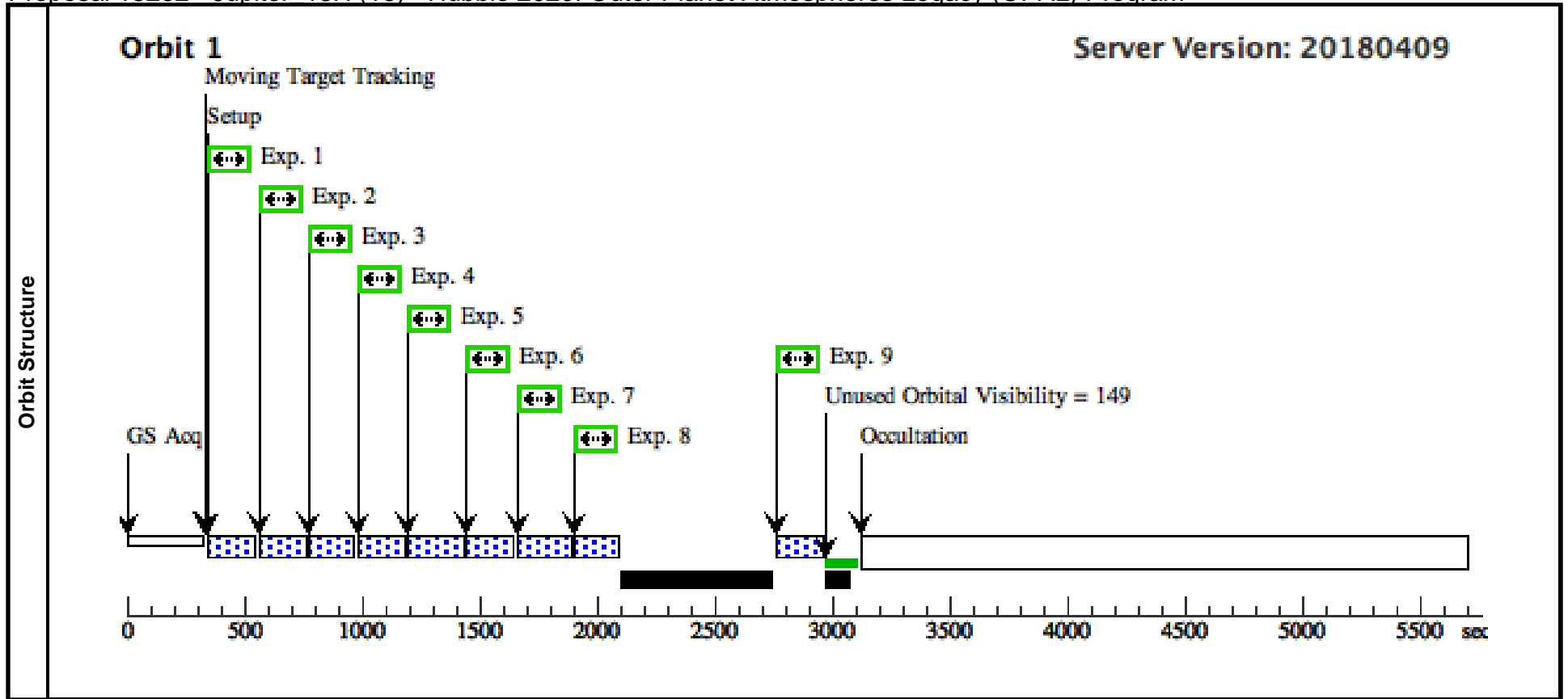
Visit	Proposal 15262, Jupiter_18G (15), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 14 BY 0.9 Orbits TO 2.1 Orbits; VISIBILITY INTERVAL 52 M										
	Diagnostics	(F631N (15.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (15.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (15.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (15.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (15.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (15.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (15.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (15.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (15.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
		(1)	JUPITER-MAPS	STD=JUPITER			NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH	EARTH			
		<i>Comments: Description=Global Jupiter maps</i>									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18G (15)	4 Secs (4 Secs) [==>]	[1]
		2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18G (15)	3 Secs (3 Secs) [==>]	[1]
		3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18G (15)	10 Secs (10 Secs) [==>]	[1]
	4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18G (15)	1.2 Secs (1.2 Secs) [==>]	[1]	
	5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18G (15)	53 Secs (53 Secs) [==>]	[1]	
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18G (15)	8 Secs (8 Secs) [==>]	[1]	
	7	F275W	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F275W	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18G (15)	30 Secs (30 Secs) [==>]	[1]	
	8	F343N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F343N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18G (15)	6 Secs (6 Secs) [==>]	[1]	
	9	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18G (15)	4 Secs (4 Secs) [==>]	[1]	



Proposal 15262 - Jupiter 18H (16) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

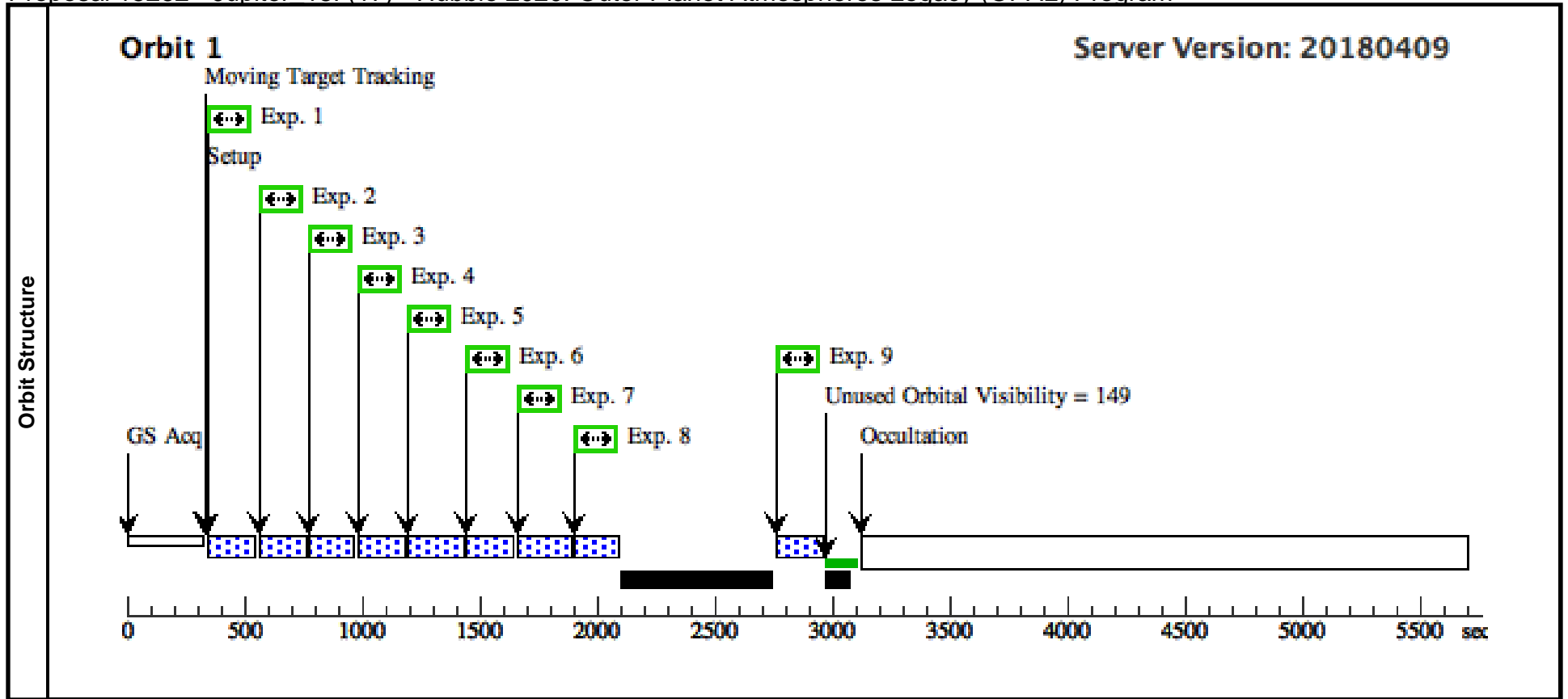
Visit	Proposal 15262, Jupiter_18H (16), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 15 BY 0.9 Orbits TO 2.1 Orbits; VISIBILITY INTERVAL 52 M									
	Diagnostics	(F631N (16.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (16.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (16.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (16.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (16.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (16.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (16.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (16.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (16.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser								
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center		
	(1)	JUPITER-MAPS	STD=JUPITER				NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH	EARTH		
	<i>Comments: Description=Global Jupiter maps</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A	GS ACQ SCENARI O BASE1B3	Sequence 1-9 Non-Int in Jupiter_18H (16)	4 Secs (4 Secs) [==>]	[1]
	2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18H (16)	3 Secs (3 Secs) [==>]	[1]
	3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18H (16)	10 Secs (10 Secs) [==>]	[1]
	4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18H (16)	1.2 Secs (1.2 Secs) [==>]	[1]
	5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18H (16)	53 Secs (53 Secs) [==>]	[1]
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18H (16)	8 Secs (8 Secs) [==>]	[1]
	7	F275W	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F275W	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18H (16)	30 Secs (30 Secs) [==>]	[1]
	8	F343N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F343N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18H (16)	6 Secs (6 Secs) [==>]	[1]
	9	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18H (16)	4 Secs (4 Secs) [==>]	[1]



Proposal 15262 - Jupiter 18I (17) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

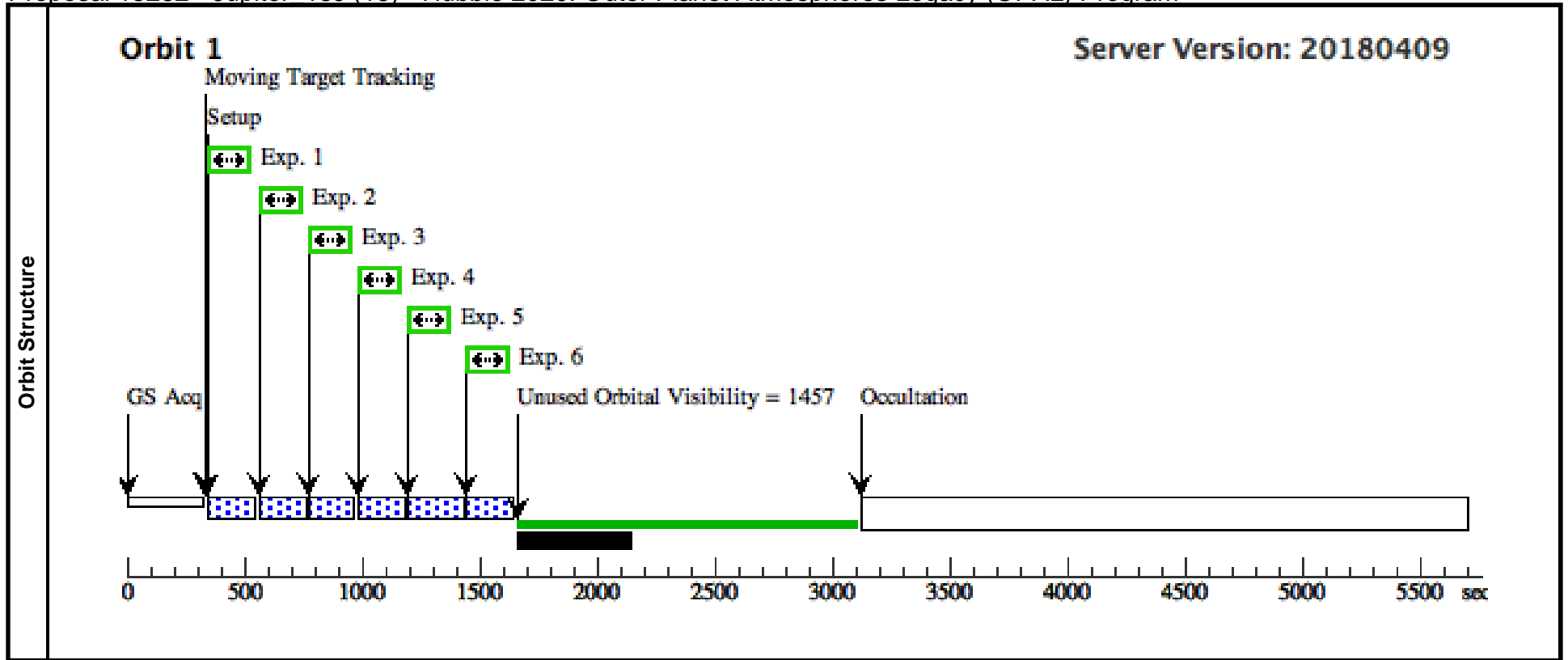
Visit	Proposal 15262, Jupiter_18I (17), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 16 BY 0.9 Orbits TO 1.1 Orbits; VISIBILITY INTERVAL 52 M										
	Diagnostics	(F631N (17.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (17.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (17.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (17.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (17.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (17.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (17.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (17.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (17.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
		(1)	JUPITER-MAPS	STD=JUPITER			NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH	EARTH			
		<i>Comments: Description=Global Jupiter maps</i>									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18I (17)	4 Secs (4 Secs) [==>]	[1]
		2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18I (17)	3 Secs (3 Secs) [==>]	[1]
		3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18I (17)	10 Secs (10 Secs) [==>]	[1]
	4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18I (17)	1.2 Secs (1.2 Secs) [==>]	[1]	
	5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18I (17)	53 Secs (53 Secs) [==>]	[1]	
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18I (17)	8 Secs (8 Secs) [==>]	[1]	
	7	F275W	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F275W	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18I (17)	30 Secs (30 Secs) [==>]	[1]	
	8	F343N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F343N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18I (17)	6 Secs (6 Secs) [==>]	[1]	
	9	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18I (17)	4 Secs (4 Secs) [==>]	[1]	



Proposal 15262 - Jupiter 18J (18) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

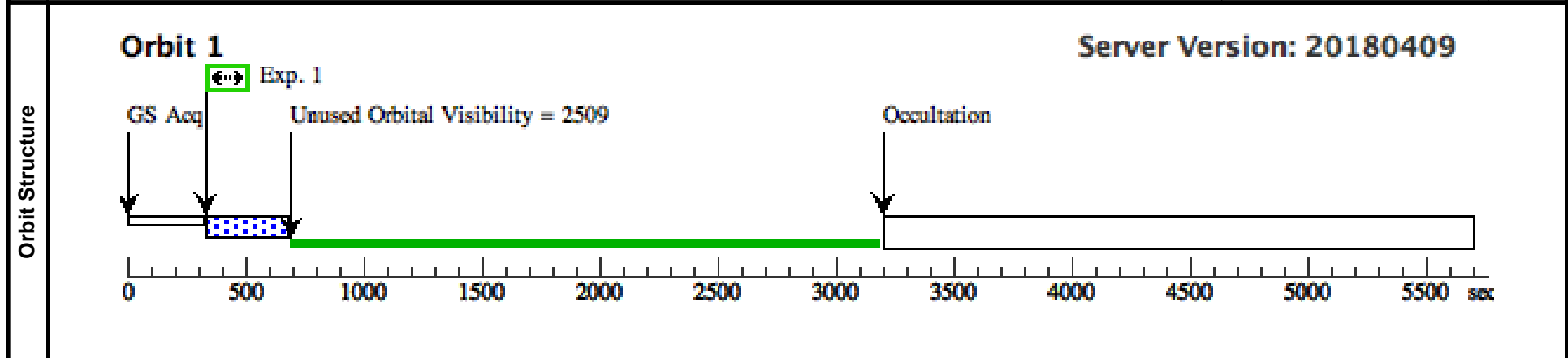
Visit	Proposal 15262, Jupiter_18J (18), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 17 BY 0.9 Orbits TO 1.1 Orbits; VISIBILITY INTERVAL 52 M										
	Diagnosics (F631N (18.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (18.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (18.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (18.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (18.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (18.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(1)	JUPITER-MAPS	STD=JUPITER				NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH				
<i>Comments: Description=Global Jupiter maps</i>											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-6 Non-Int in Jupiter_18J (18)	4 Secs (4 Secs)	[==>]	[1]
	2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-6 Non-Int in Jupiter_18J (18)	3 Secs (3 Secs)	[==>]	[1]
	3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-6 Non-Int in Jupiter_18J (18)	10 Secs (10 Secs)	[==>]	[1]
	4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-6 Non-Int in Jupiter_18J (18)	1.2 Secs (1.2 Secs)	[==>]	[1]
	5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-6 Non-Int in Jupiter_18J (18)	53 Secs (53 Secs)	[==>]	[1]
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-6 Non-Int in Jupiter_18J (18)	8 Secs (8 Secs)	[==>]	[1]



Visit	Proposal 15262, Gyro Bias Update (58), completed					
	Diagnostic Status: No Diagnostics					
	Scientific Instruments: S/C					
	Special Requirements: NOTRACK; AFTER 18 BY 0 Orbits TO 0.5 Orbits					

Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(1)	JUPITER-MAPS	STD=JUPITER				NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH
<i>Comments: Description=Global Jupiter maps</i>							

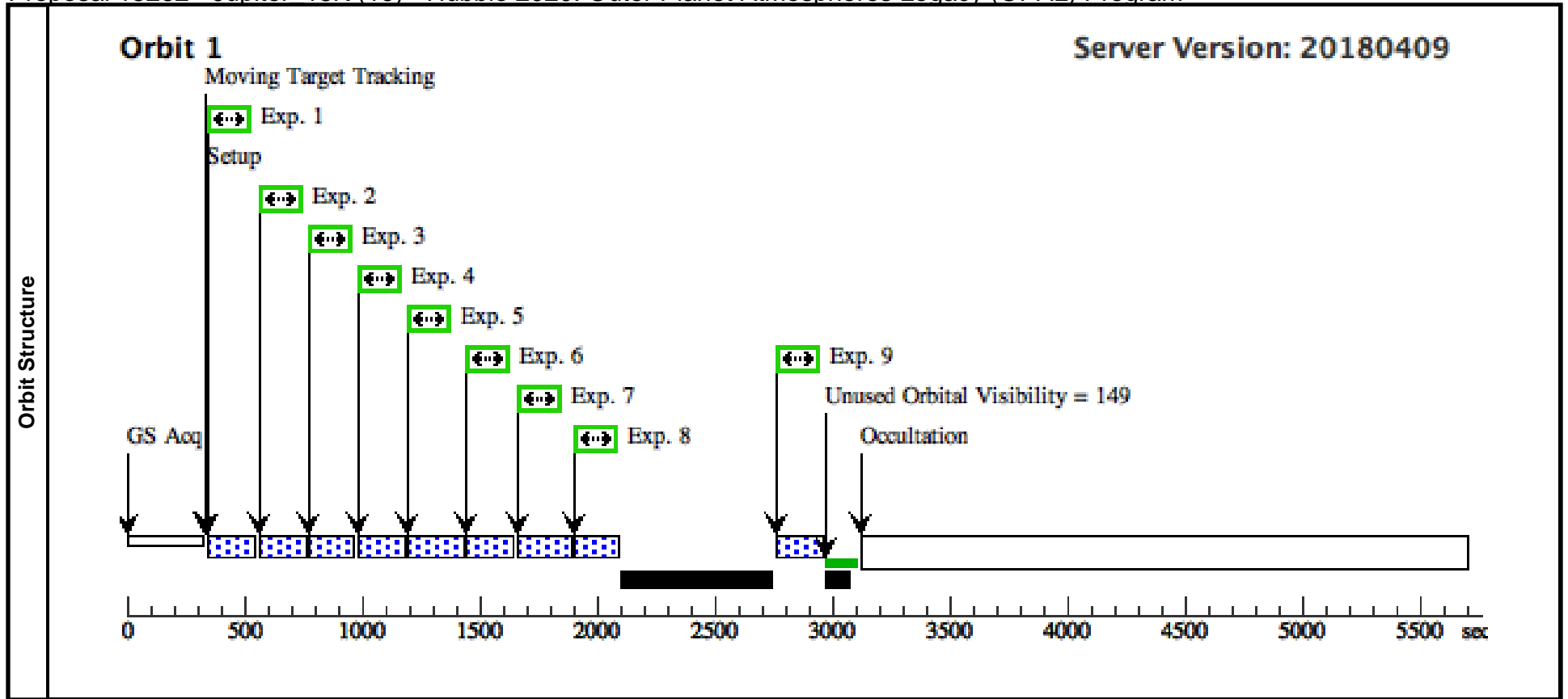
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) JUPITER-MAPS	S/C, POINTING, V1						360.0 Secs (360 Secs)
[==>]										[1]



Proposal 15262 - Jupiter 18K (19) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

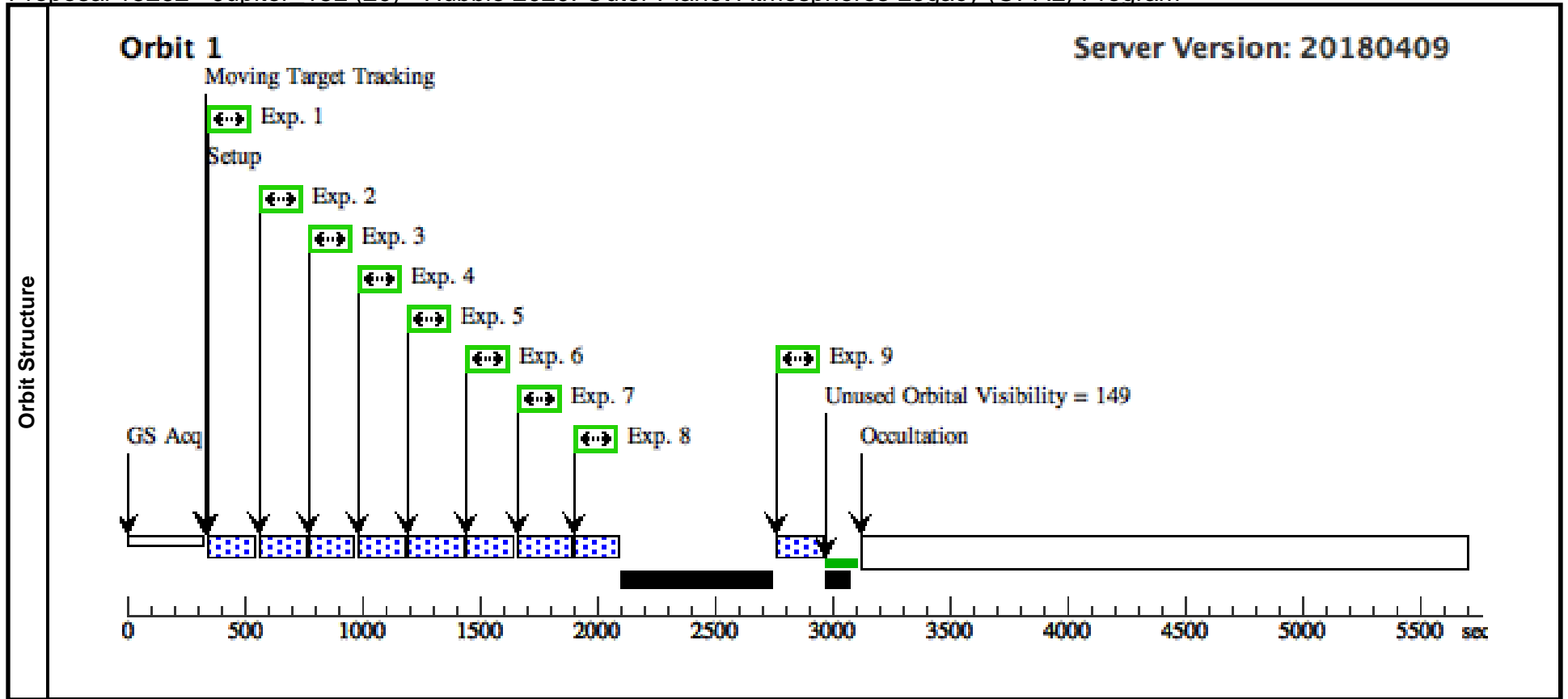
Visit	Proposal 15262, Jupiter_18K (19), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 18 BY 0.9 Orbits TO 1.1 Orbits; VISIBILITY INTERVAL 52 M									
	Diagnostics	(F631N (19.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (19.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (19.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (19.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (19.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (19.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (19.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (19.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (19.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser								
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center		
	(1)	JUPITER-MAPS	STD=JUPITER				NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH	EARTH		
	<i>Comments: Description=Global Jupiter maps</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18K (19)	4 Secs (4 Secs) [==>]	[1]
	2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18K (19)	3 Secs (3 Secs) [==>]	[1]
	3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18K (19)	10 Secs (10 Secs) [==>]	[1]
	4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18K (19)	1.2 Secs (1.2 Secs) [==>]	[1]
	5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18K (19)	53 Secs (53 Secs) [==>]	[1]
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18K (19)	8 Secs (8 Secs) [==>]	[1]
	7	F275W	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F275W	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18K (19)	30 Secs (30 Secs) [==>]	[1]
	8	F343N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F343N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18K (19)	6 Secs (6 Secs) [==>]	[1]
	9	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18K (19)	4 Secs (4 Secs) [==>]	[1]



Proposal 15262 - Jupiter 18L (20) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

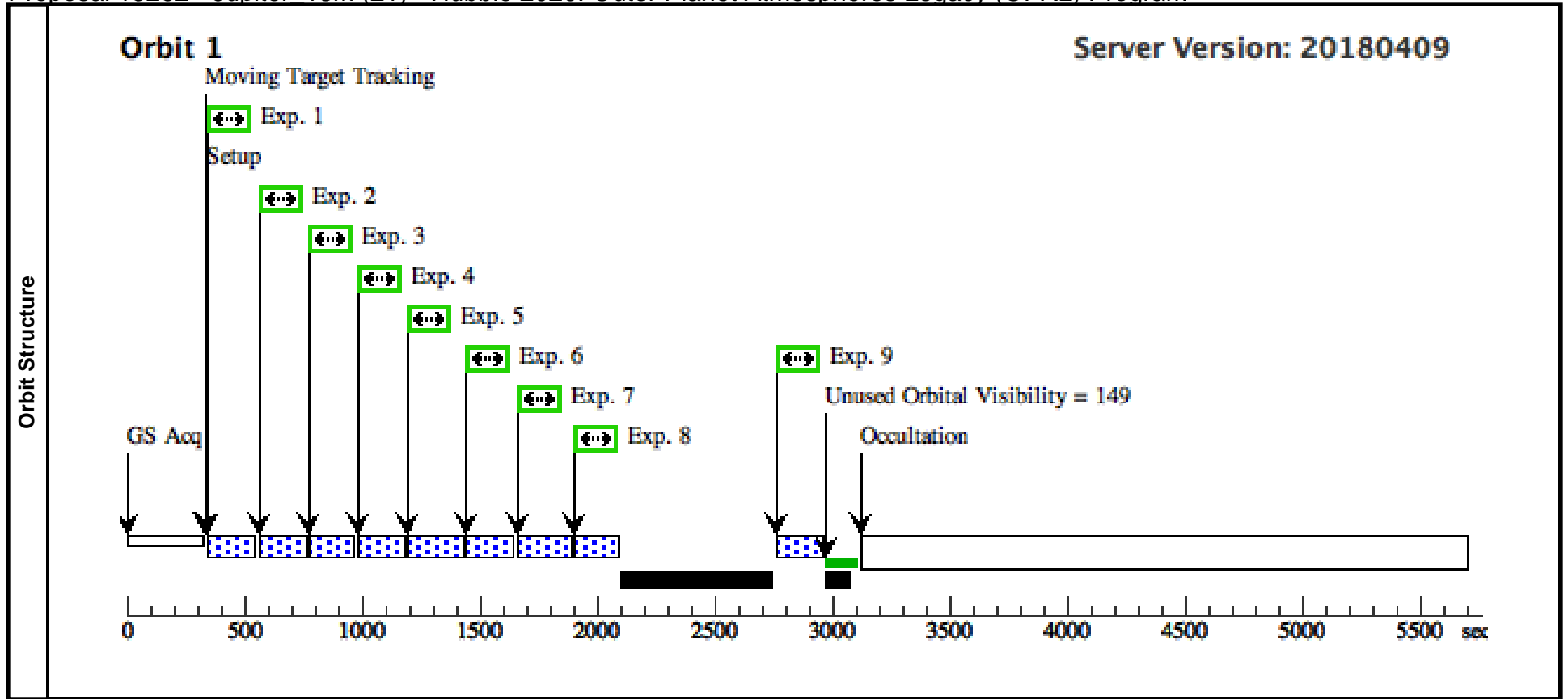
Visit	Proposal 15262, Jupiter_18L (20), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 19 BY 0.9 Orbits TO 1.1 Orbits; VISIBILITY INTERVAL 52 M										
	Diagnostics	(F631N (20.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (20.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (20.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (20.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (20.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (20.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (20.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (20.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (20.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
		(1)	JUPITER-MAPS	STD=JUPITER			NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH	EARTH			
		<i>Comments: Description=Global Jupiter maps</i>									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18L (20)	4 Secs (4 Secs) [==>]	[1]
		2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18L (20)	3 Secs (3 Secs) [==>]	[1]
		3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18L (20)	10 Secs (10 Secs) [==>]	[1]
		4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18L (20)	1.2 Secs (1.2 Secs) [==>]	[1]
		5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18L (20)	53 Secs (53 Secs) [==>]	[1]
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18L (20)	8 Secs (8 Secs) [==>]	[1]	
	7	F275W	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F275W	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18L (20)	30 Secs (30 Secs) [==>]	[1]	
	8	F343N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F343N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18L (20)	6 Secs (6 Secs) [==>]	[1]	
	9	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18L (20)	4 Secs (4 Secs) [==>]	[1]	



Proposal 15262 - Jupiter 18M (21) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	Proposal 15262, Jupiter_18M (21), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 09 BY 11.9 Orbits TO 13.1 Orbits; VISIBILITY INTERVAL 52 M										
	Diagnostics	(F631N (21.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (21.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (21.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (21.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889_quadA (21.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (21.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (21.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (21.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (21.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
		(1)	JUPITER-MAPS	STD=JUPITER			NOT OCC OF JUPITER BY IO FROM EARTH, NOT OCC OF JUPITER BY EUROPA FROM EARTH, NOT OCC OF JUPITER BY GANYMEDE FROM EARTH, NOT OCC OF JUPITER BY CALLISTO FROM EARTH	EARTH			
		<i>Comments: Description=Global Jupiter maps</i>									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18M (21)	4 Secs (4 Secs) [==>]	[1]
		2	F502N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F502N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18M (21)	3 Secs (3 Secs) [==>]	[1]
		3	F395N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F395N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18M (21)	10 Secs (10 Secs) [==>]	[1]
	4	F467M	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18M (21)	1.2 Secs (1.2 Secs) [==>]	[1]	
	5	FQ889_quadA	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18M (21)	53 Secs (53 Secs) [==>]	[1]	
	6	F658N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F658N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18M (21)	8 Secs (8 Secs) [==>]	[1]	
	7	F275W	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F275W	CR-SPLIT=NO		Sequence 1-9 Non-Int in Jupiter_18M (21)	30 Secs (30 Secs) [==>]	[1]	
	8	F343N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F343N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18M (21)	6 Secs (6 Secs) [==>]	[1]	
	9	F631N	(1) JUPITER-MAPS	WFC3/UVIS, ACCUM, UVIS1-2K2A-SUB	F631N	CR-SPLIT=NO; BLADE=A		Sequence 1-9 Non-Int in Jupiter_18M (21)	4 Secs (4 Secs) [==>]	[1]	



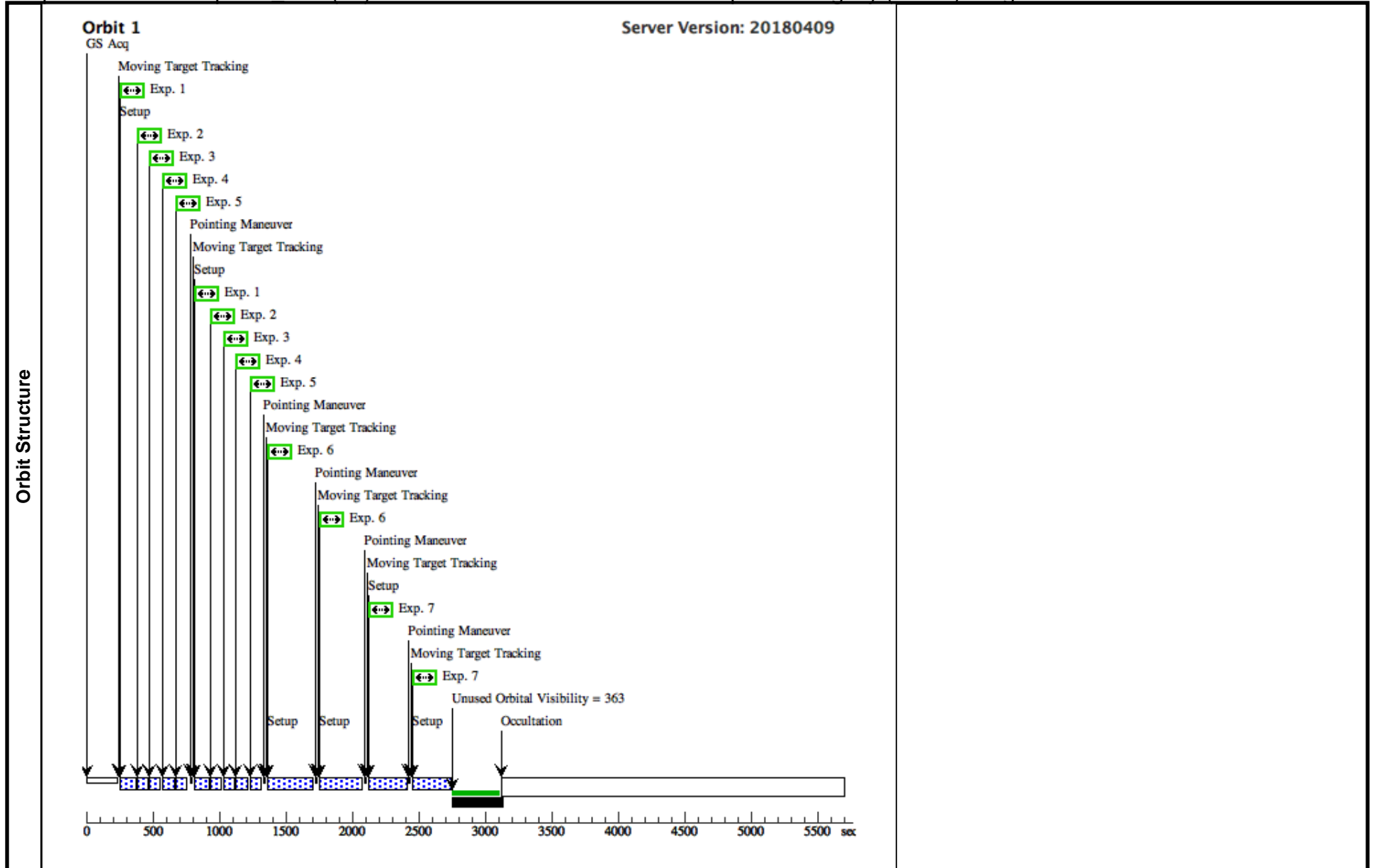
Proposal 15262 - Neptune 18A (22) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	<p>Proposal 15262, Neptune_18A (22), failed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: BETWEEN 02-AUG-2018:00:00:00 AND 12-OCT-2018:00:00:00; VISIBILITY INTERVAL 52 M</p> <p><i>Comments: Neptune Opposition (2018-SEP-07) +/- 35 days preferred.</i></p> <p><i>8 orbits, with 2-orbit gaps between all visits.</i></p> <p><i>If shifting needed (for SAA avoidance or observatory constraints): Can reduce some gaps from 2 orbits to 1 orbits (no more than 3 gaps shortened overall).</i></p>						
	<p>(F845M (22.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (22.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (22.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (22.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (22.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (22.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (22.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p> <p>(FQ619N_quadA (22.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (22.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p>						
Diagnosics							
Patterns	#	Primary Pattern		Secondary Pattern		Exposures	
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1-5), (6), (7)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(4)	NEPTUNE-MAPS	STD=NEPTUNE				
<p><i>Comments: Description=Global Neptune Maps</i></p>							

Proposal 15262 - Neptune 18A (22) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Sequence 1-7 Non-Int in Neptune_18A (2 2) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18A (22) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18A (2 2) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18A (22) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18A (2 2) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18A (22) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18A (2 2) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18A (22) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18A (2 2) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18A (22) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18A (2 2) Pattern 3, Exps 6-6 i n Sequence 1-7 Non- Int in Neptune_18A (22) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18A (2 2) Pattern 3, Exps 7-7 i n Sequence 1-7 Non- Int in Neptune_18A (22) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



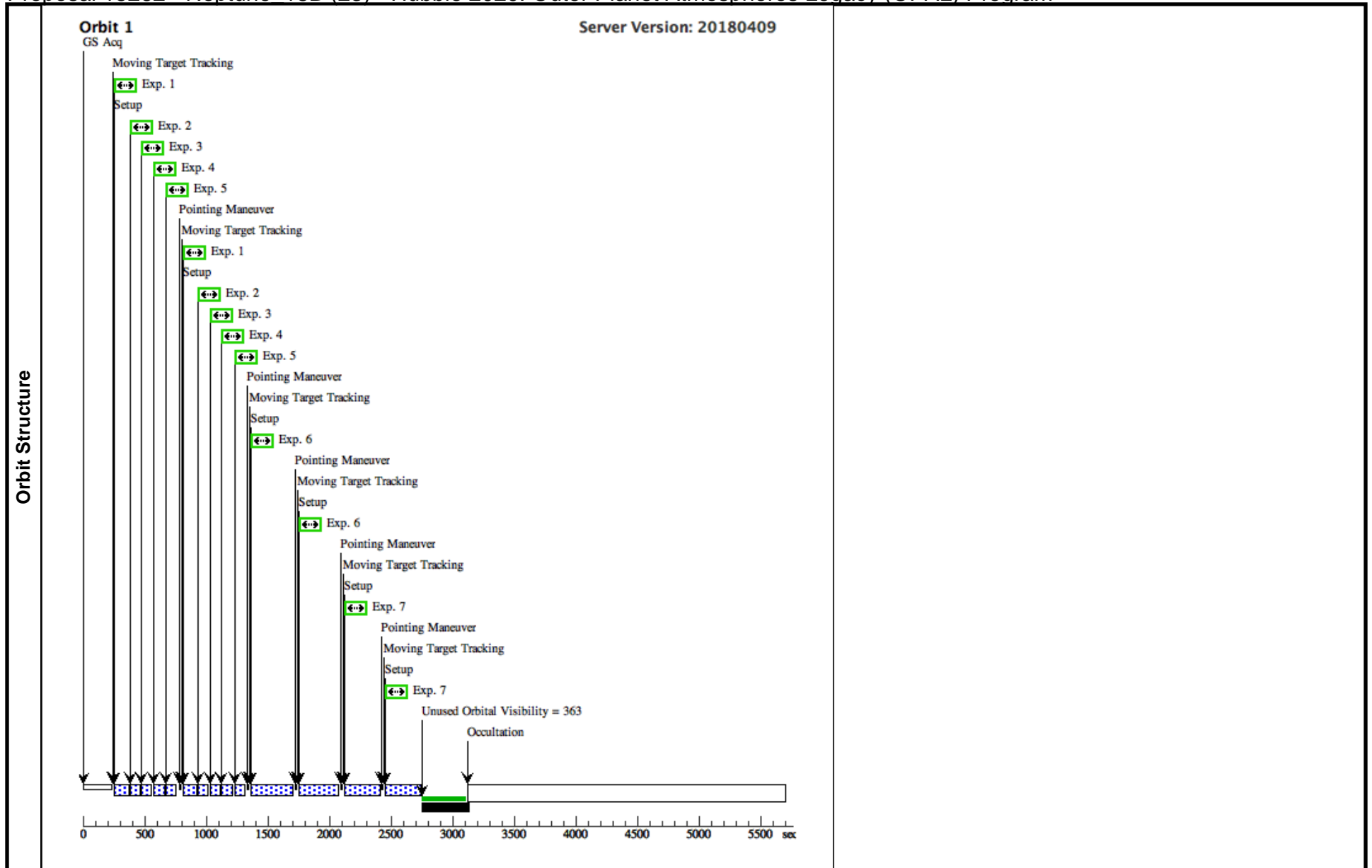
Proposal 15262 - Neptune 18B (23) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	<p>Proposal 15262, Neptune_18B (23), failed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 22 BY 1.9 Orbits TO 3.1 Orbits; VISIBILITY INTERVAL 52 M</p>						
Diagnostics	<p>(F845M (23.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (23.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (23.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (23.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (23.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (23.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (23.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ619N_quadA (23.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (23.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p>						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures			
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-5), (6), (7)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH
	Comments: Description=Global Neptune Maps						

Proposal 15262 - Neptune 18B (23) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Sequence 1-7 Non-Int in Neptune_18B (2 3) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18B (23) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18B (2 3) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18B (23) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18B (2 3) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18B (23) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18B (2 3) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18B (23) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18B (2 3) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18B (23) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18B (2 3) Pattern 3, Exps 6-6 i n Sequence 1-7 Non- Int in Neptune_18B (23) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18B (2 3) Pattern 3, Exps 7-7 i n Sequence 1-7 Non- Int in Neptune_18B (23) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



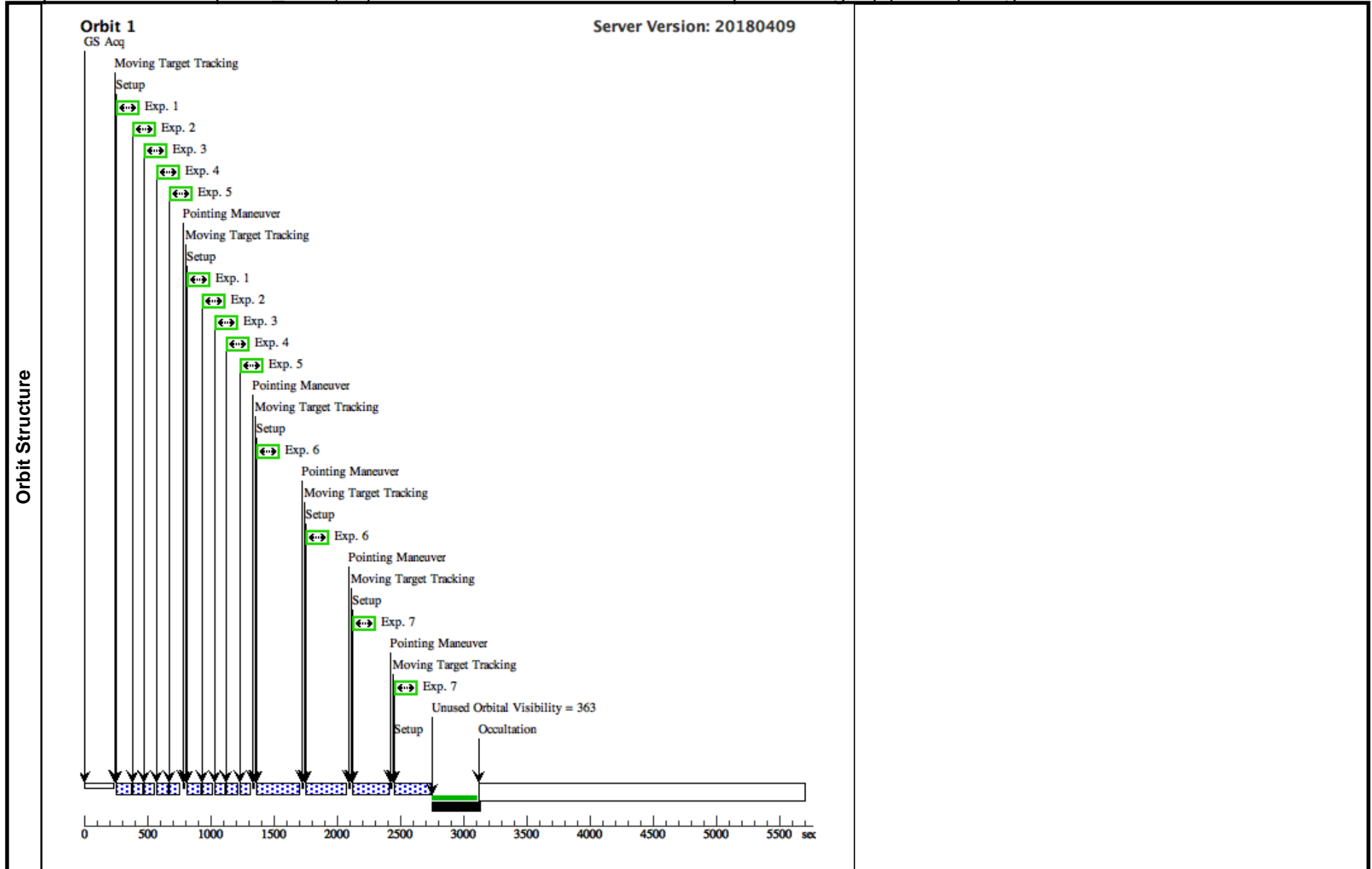
Proposal 15262 - Neptune 18C (24) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	<p>Proposal 15262, Neptune_18C (24), failed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 23 BY 1.9 Orbits TO 3.1 Orbits; VISIBILITY INTERVAL 52 M</p>						
Diagnostics	<p>(F845M (24.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (24.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (24.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (24.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (24.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (24.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (24.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ619N_quadA (24.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (24.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p>						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures			
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-5), (6), (7)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH
<p><i>Comments: Description=Global Neptune Maps</i></p>							

Proposal 15262 - Neptune 18C (24) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Sequence 1-7 Non-Int in Neptune_18C (2 4) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18C (24) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18C (2 4) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18C (24) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18C (2 4) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18C (24) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18C (2 4) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18C (24) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18C (2 4) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18C (24) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18C (2 4) Pattern 3, Exps 6-6 i n Sequence 1-7 Non- Int in Neptune_18C (24) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18C (2 4) Pattern 3, Exps 7-7 i n Sequence 1-7 Non- Int in Neptune_18C (24) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



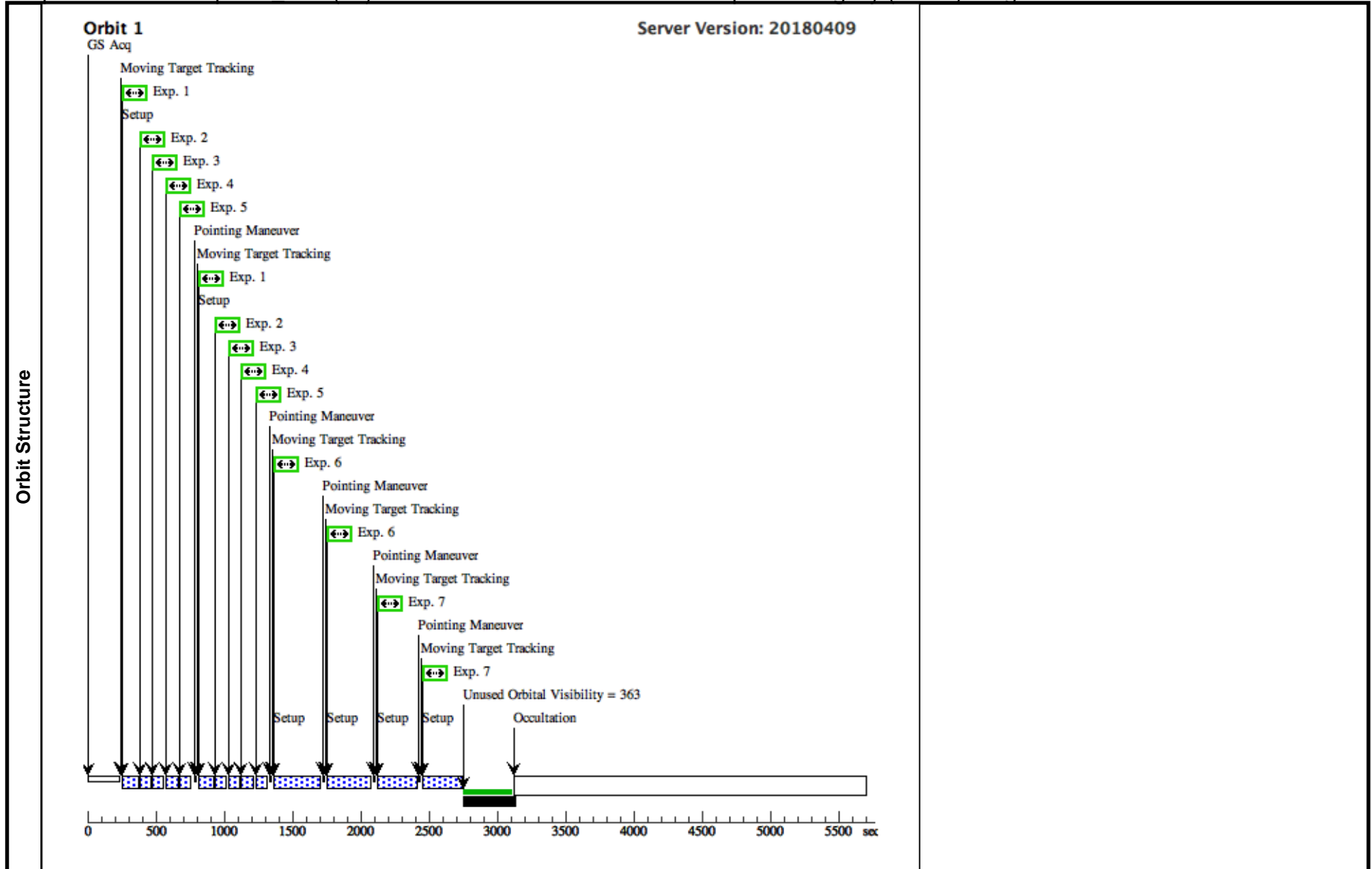
Proposal 15262 - Neptune 18D (25) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	<p>Proposal 15262, Neptune_18D (25), failed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 24 BY 1.9 Orbits TO 3.1 Orbits; VISIBILITY INTERVAL 52 M</p>																			
Diagnostics	<p>(F845M (25.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (25.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (25.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (25.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (25.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (25.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (25.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ619N_quadA (25.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (25.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p>																			
Patterns	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Pattern</th> <th>Secondary Pattern</th> <th>Exposures</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td> Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(1-5), (6), (7)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-5), (6), (7)											
#	Primary Pattern	Secondary Pattern	Exposures																	
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-5), (6), (7)																	
Solar System Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(4)</td> <td>NEPTUNE-MAPS</td> <td>STD=NEPTUNE</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> <p><i>Comments: Description=Global Neptune Maps</i></p>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center	(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH					
#	Name	Level 1	Level 2	Level 3	Window	Ephem Center														
(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH														

Proposal 15262 - Neptune 18D (25) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Sequence 1-7 Non-Int in Neptune_18D (2 5) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18D (25) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18D (2 5) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18D (25) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18D (2 5) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18D (25) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18D (2 5) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18D (25) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18D (2 5) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18D (25) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18D (2 5) Pattern 3, Exps 6-6 i n Sequence 1-7 Non- Int in Neptune_18D (25) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18D (2 5) Pattern 3, Exps 7-7 i n Sequence 1-7 Non- Int in Neptune_18D (25) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



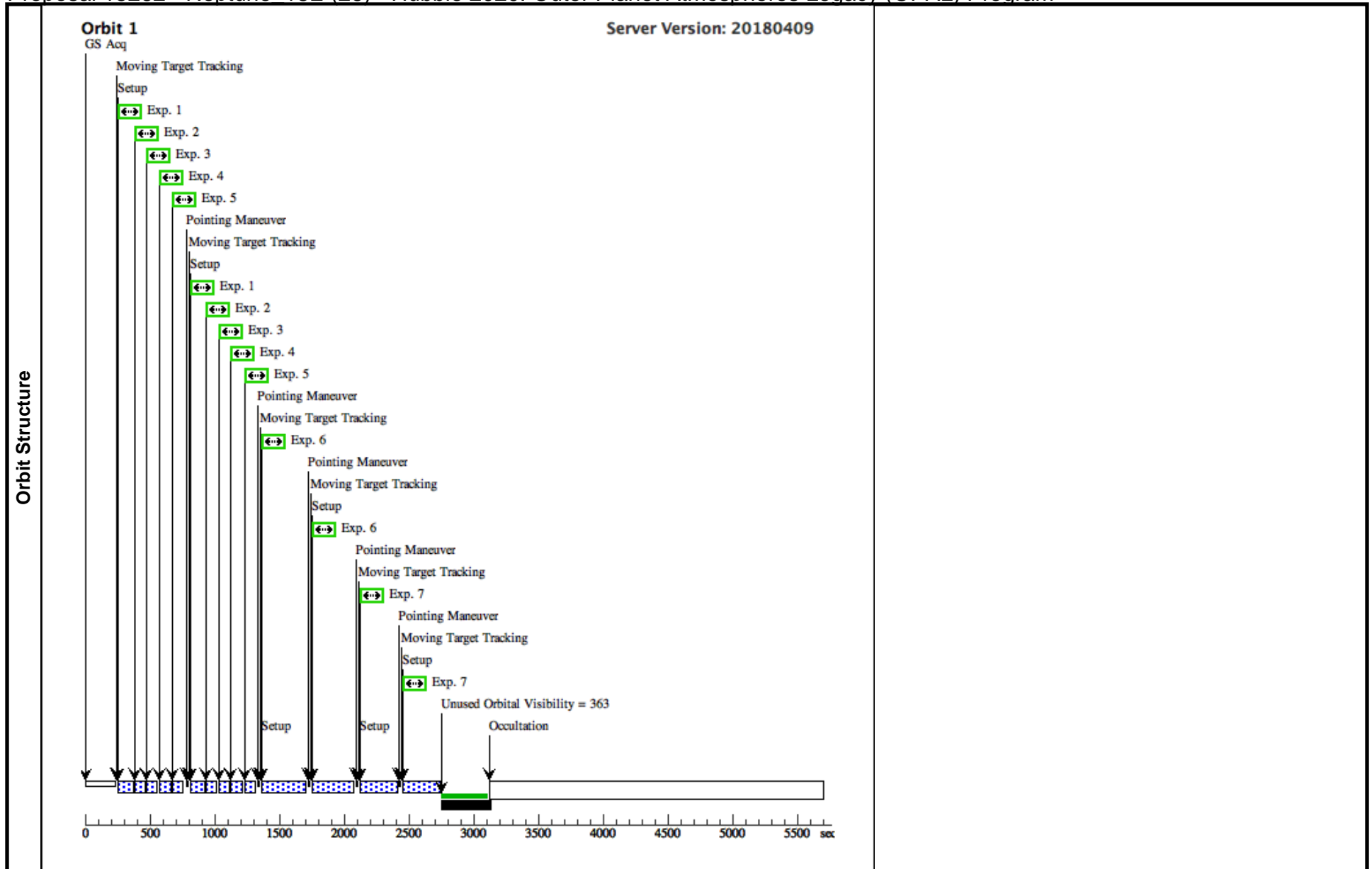
Proposal 15262 - Neptune 18E (26) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	<p>Proposal 15262, Neptune_18E (26), failed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 25 BY 1.9 Orbits TO 3.1 Orbits; VISIBILITY INTERVAL 52 M</p>						
Diagnostics	<p>(F845M (26.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (26.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (26.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (26.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (26.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (26.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (26.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p> <p>(FQ619N_quadA (26.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (26.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p>						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures			
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-5), (6), (7)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH
	<i>Comments: Description=Global Neptune Maps</i>						

Proposal 15262 - Neptune 18E (26) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Sequence 1-7 Non-Int in Neptune_18E (2 6) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18E (26) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18E (2 6) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18E (26) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18E (2 6) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18E (26) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18E (2 6) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18E (26) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18E (2 6) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18E (26) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18E (2 6) Pattern 3, Exps 6-6 i n Sequence 1-7 Non- Int in Neptune_18E (26) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18E (2 6) Pattern 3, Exps 7-7 i n Sequence 1-7 Non- Int in Neptune_18E (26) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



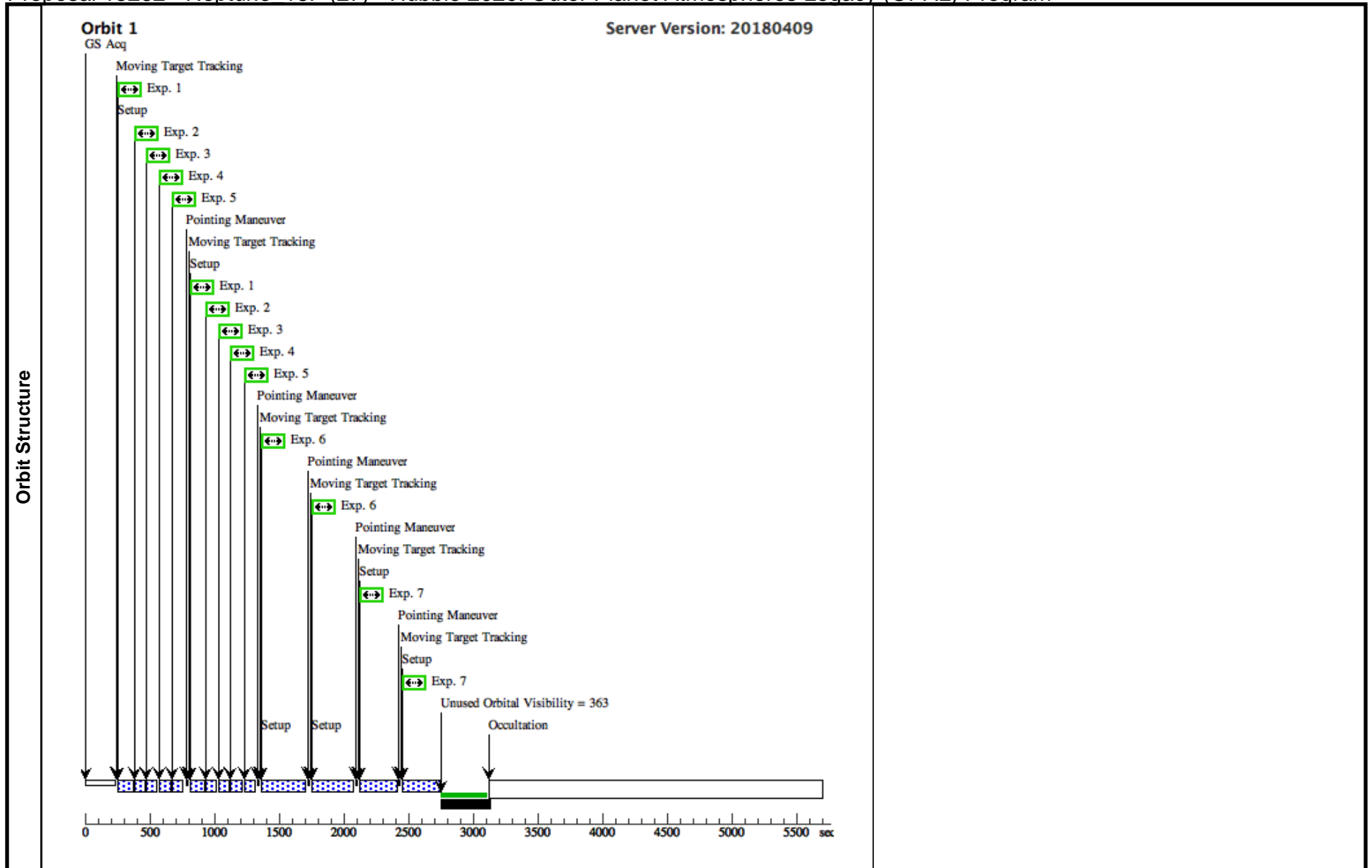
Proposal 15262 - Neptune 18F (27) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	<p>Proposal 15262, Neptune_18F (27), failed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 26 BY 1.9 Orbits TO 4.1 Orbits; VISIBILITY INTERVAL 52 M</p>						
Diagnostics	<p>(F845M (27.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (27.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (27.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (27.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (27.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (27.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (27.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ619N_quadA (27.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (27.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p>						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures			
(3)	<p>Pattern Type=WFC3-UVIS-DITHER-LINE</p> <p>Purpose=DITHER</p> <p>Number Of Points=2</p> <p>Point Spacing=0.725</p> <p>Line Spacing=</p>	<p>Coordinate Frame=POS-TARG</p> <p>Pattern Orientation=46.84</p> <p>Angle Between Sides=</p> <p>Center Pattern=false</p>	(1-5), (6), (7)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH	
<p><i>Comments: Description=Global Neptune Maps</i></p>							

Proposal 15262 - Neptune 18F (27) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARIO SINGLE	Sequence 1-7 Non-Int in Neptune_18F (27) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18F (27) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18F (27) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18F (27) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18F (27) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18F (27) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18F (27) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18F (27) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAPS	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18F (27) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18F (27) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_quadD	(4) NEPTUNE-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18F (27) Pattern 3, Exps 6-6 in Sequence 1-7 Non-Int in Neptune_18F (27) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_quadA	(4) NEPTUNE-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,-18.179	Sequence 1-7 Non-Int in Neptune_18F (27) Pattern 3, Exps 7-7 in Sequence 1-7 Non-Int in Neptune_18F (27) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



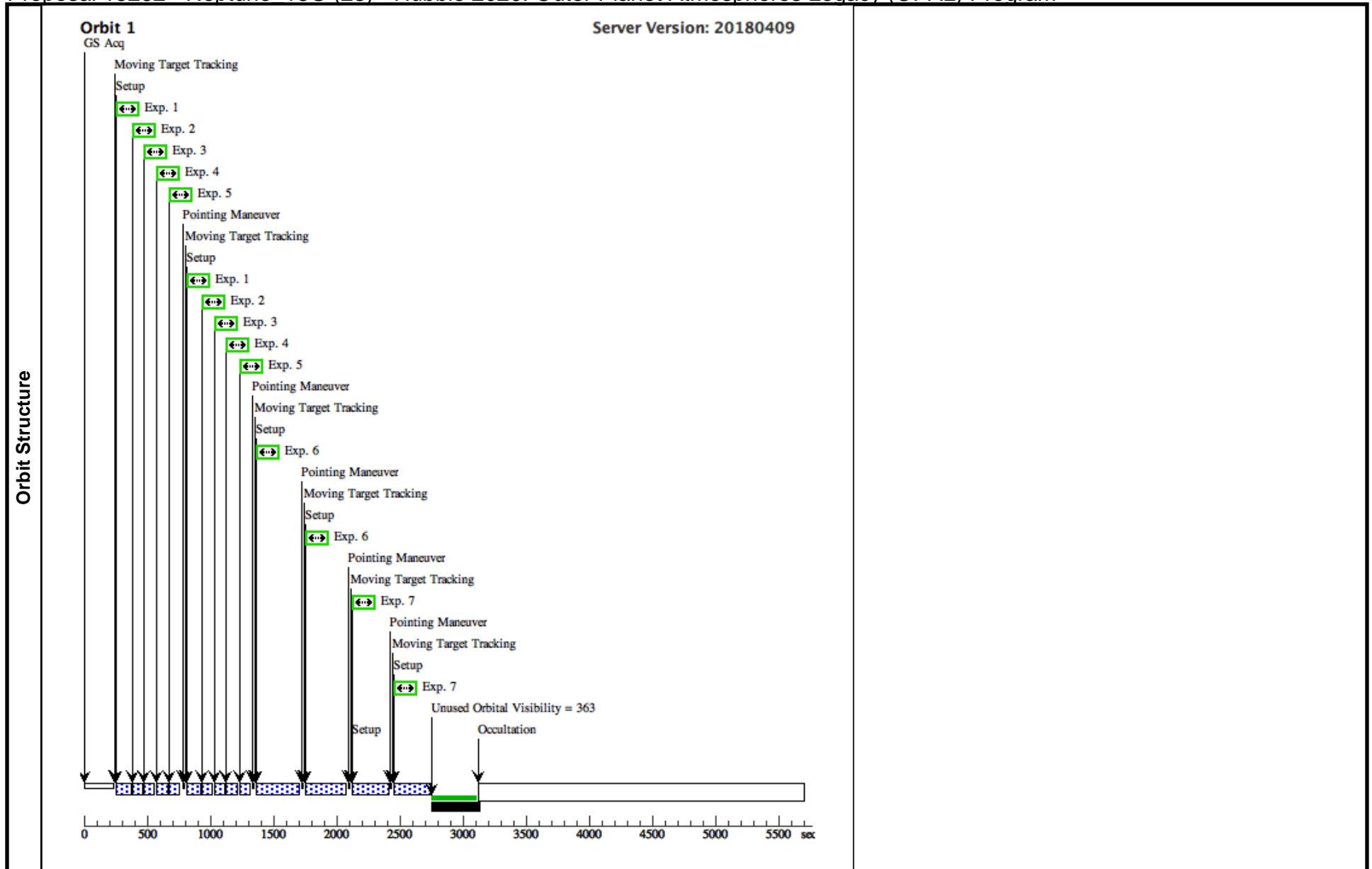
Proposal 15262 - Neptune 18G (28) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	<p>Proposal 15262, Neptune_18G (28), failed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 27 BY 1.9 Orbits TO 3.1 Orbits; SEQ 28.29 WITHIN 3 Orbits; VISIBILITY INTERVAL 52 M</p>						
Diagnostics	<p>(F845M (28.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (28.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (28.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (28.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (28.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (28.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (28.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p> <p>(FQ619N_quadA (28.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (28.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p>						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures			
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-5), (6), (7)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH
<p><i>Comments: Description=Global Neptune Maps</i></p>							

Proposal 15262 - Neptune 18G (28) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Sequence 1-7 Non-Int in Neptune_18G (2 8) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18G (28) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18G (2 8) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18G (28) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18G (2 8) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18G (28) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18G (2 8) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18G (28) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18G (2 8) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18G (28) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18G (2 8) Pattern 3, Exps 6-6 i n Sequence 1-7 Non- Int in Neptune_18G (28) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18G (2 8) Pattern 3, Exps 7-7 i n Sequence 1-7 Non- Int in Neptune_18G (28) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



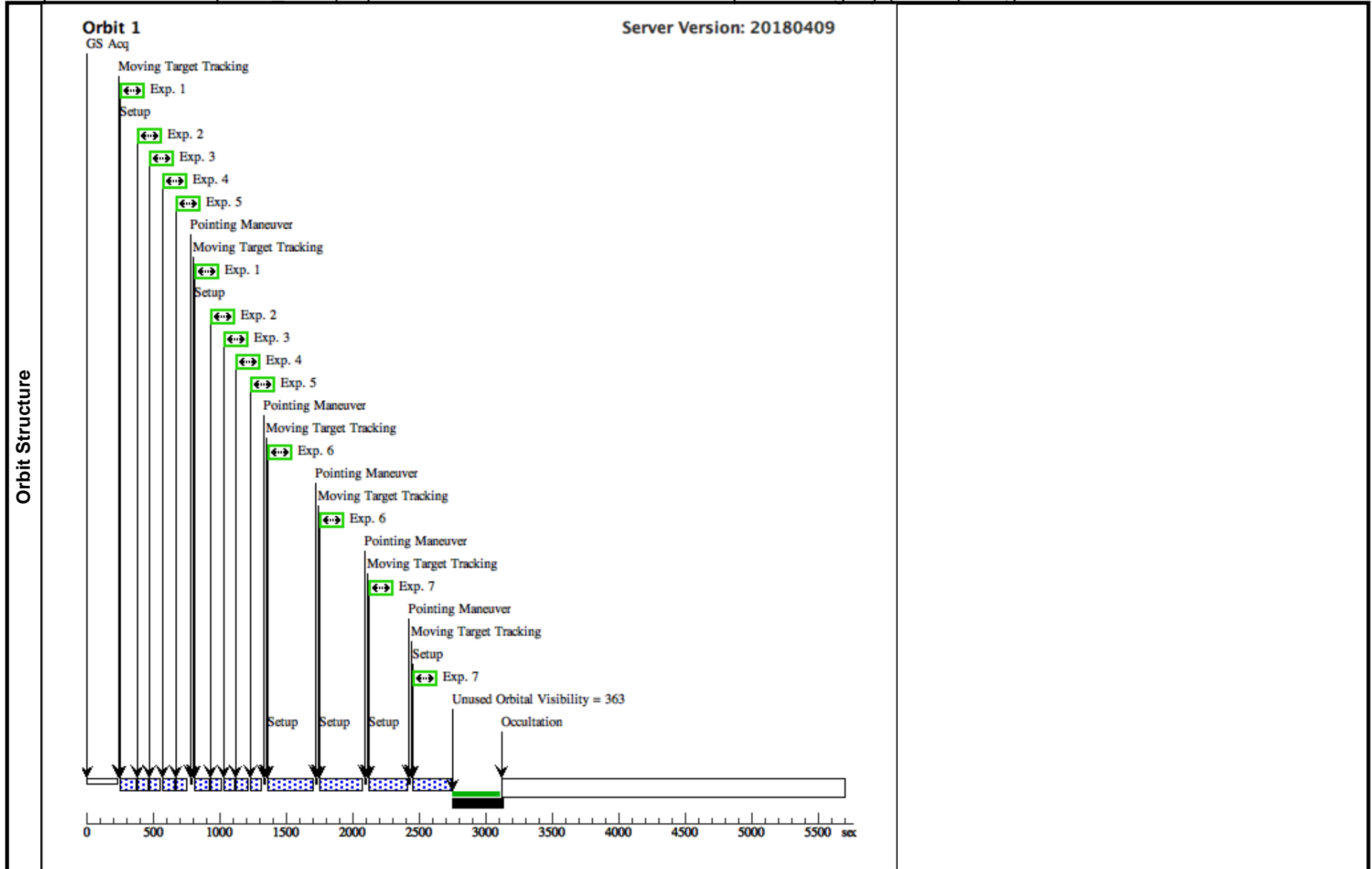
Proposal 15262 - Neptune 18H (29) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	<p>Proposal 15262, Neptune_18H (29), failed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 22 BY 17.9 Orbits TO 18.1 Orbits; VISIBILITY INTERVAL 52 M</p>						
Diagnostics	<p>(F845M (29.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (29.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (29.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (29.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (29.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (29.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (29.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(FQ619N_quadA (29.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (29.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p>						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures			
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-5), (6), (7)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH
<p><i>Comments: Description=Global Neptune Maps</i></p>							

Proposal 15262 - Neptune 18H (29) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Sequence 1-7 Non-Int in Neptune_18H (2 9) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18H (29) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18H (2 9) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18H (29) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18H (2 9) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18H (29) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18H (2 9) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18H (29) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18H (2 9) Pattern 3, Exps 1-5 i n Sequence 1-7 Non- Int in Neptune_18H (29) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18H (2 9) Pattern 3, Exps 6-6 i n Sequence 1-7 Non- Int in Neptune_18H (29) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18H (2 9) Pattern 3, Exps 7-7 i n Sequence 1-7 Non- Int in Neptune_18H (29) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



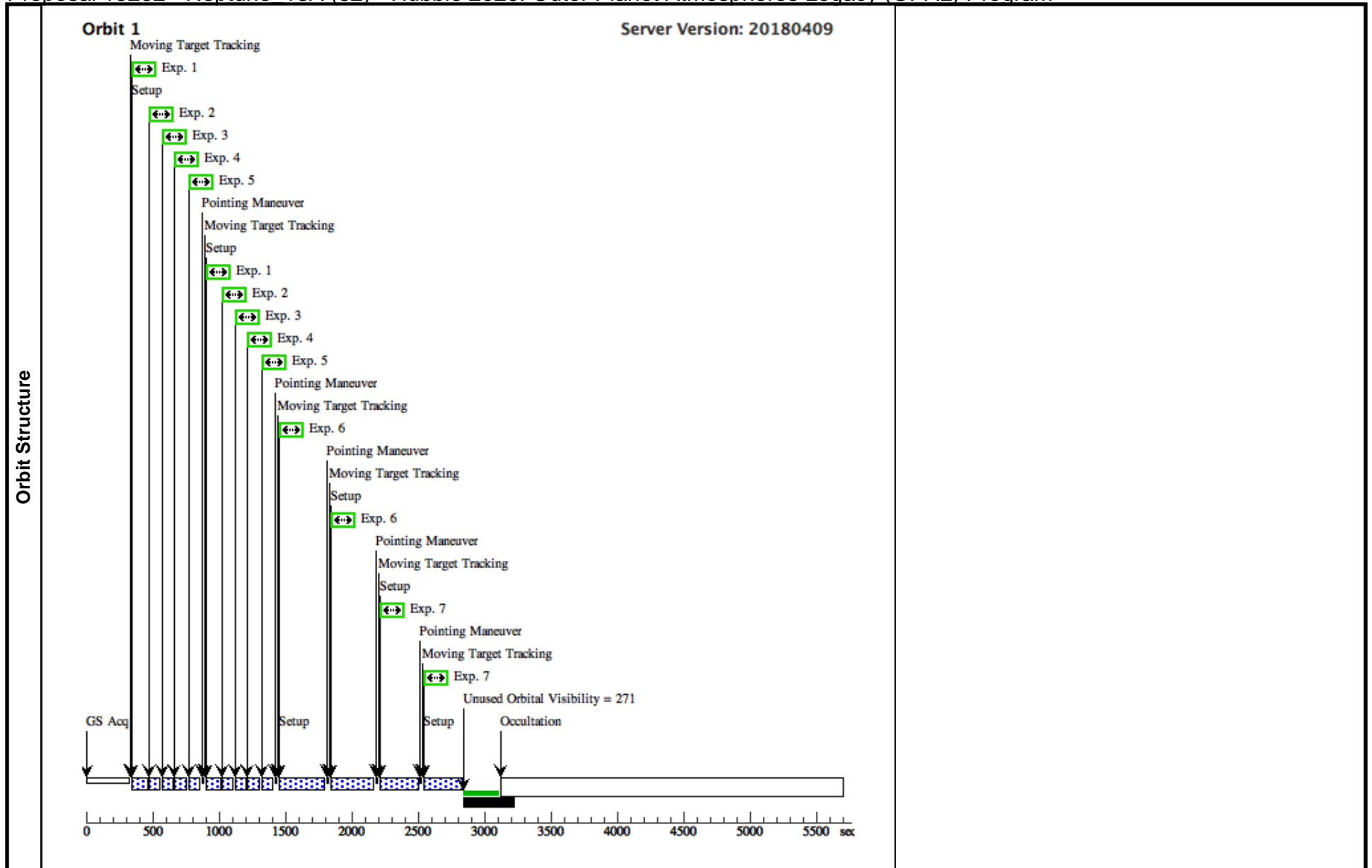
Proposal 15262 - Neptune 18A (62) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	<p>Proposal 15262, Neptune_18A (62), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: VISIBILITY INTERVAL 52 M</p> <p><i>Comments: Neptune Opposition (2018-SEP-07) +/- 35 days preferred.</i></p> <p><i>8 orbits, with 2-orbit gaps between all visits.</i></p> <p><i>If shifting needed (for SAA avoidance or observatory constraints): Can reduce some gaps from 2 orbits to 1 orbits (no more than 3 gaps shortened overall).</i></p>																			
	<p>(F845M (62.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (62.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F547M (62.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F657N (62.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F763M (62.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (62.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727N_quadD (62.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p> <p>(FQ619N_quadA (62.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ619N_quadA (62.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p>																			
Diagnosics																				
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<p><i>Comments: Description=Global Neptune Maps</i></p>																				

Proposal 15262 - Neptune 18A (62) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18A (62) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18A (62) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18A (62) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18A (62) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18A (62) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18A (62) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18A (62) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18A (62) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18A (62) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18A (62) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18A (62) Pattern 3, Exps 6-6 in Sequence 1-7 Non-Int in Neptune_18A (62) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18A (62) Pattern 3, Exps 7-7 in Sequence 1-7 Non-Int in Neptune_18A (62) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



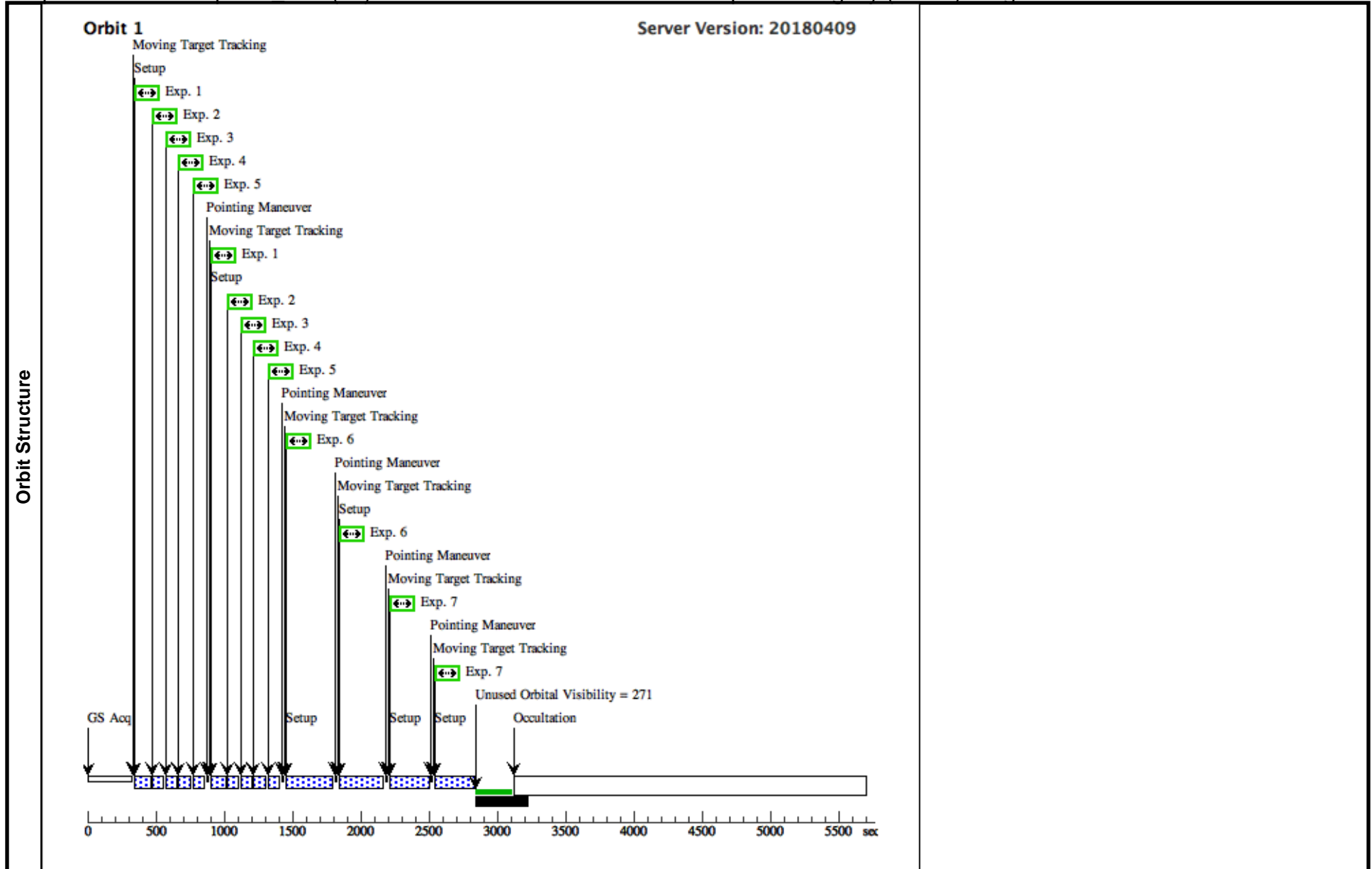
Proposal 15262 - Neptune 18B (63) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	Proposal 15262, Neptune_18B (63), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 62 BY 1.9 Orbits TO 3.1 Orbits; VISIBILITY INTERVAL 52 M																
	Diagnosics (F845M (63.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (63.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F547M (63.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F657N (63.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F763M (63.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (63.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (63.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant. (FQ619N_quadA (63.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ619N_quadA (63.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.																
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#	Name	Level 1	Level 2	Level 3	Window	Ephem Center											
(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH											
Solar System Targets																	

Proposal 15262 - Neptune 18B (63) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18B (63) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18B (63) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18B (63) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18B (63) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18B (63) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18B (63) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18B (63) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18B (63) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18B (63) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18B (63) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18B (63) Pattern 3, Exps 6-6 in Sequence 1-7 Non-Int in Neptune_18B (63) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18B (63) Pattern 3, Exps 7-7 in Sequence 1-7 Non-Int in Neptune_18B (63) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



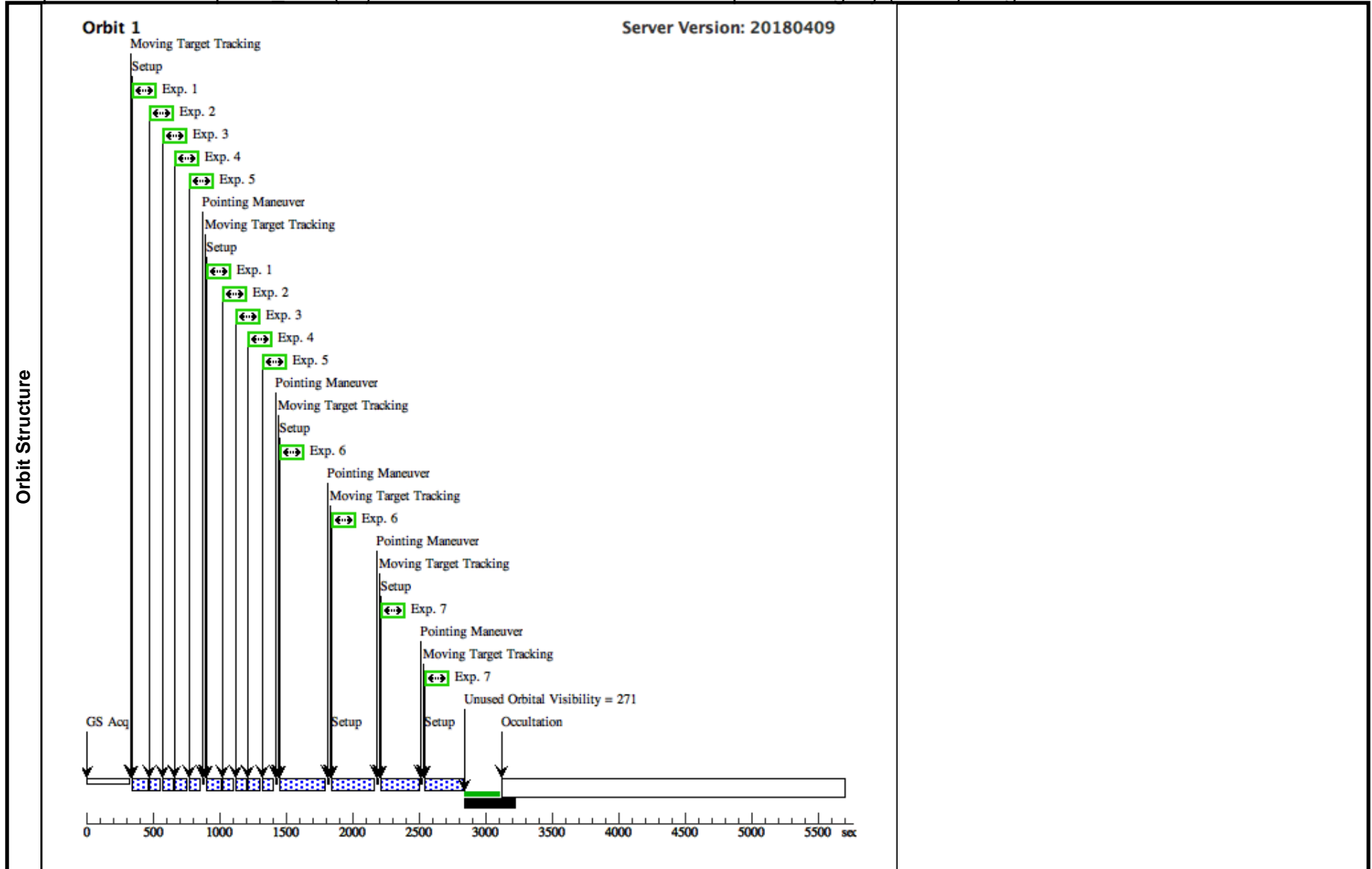
Proposal 15262 - Neptune 18C (64) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	Proposal 15262, Neptune_18C (64), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 63 BY 1.9 Orbits TO 3.1 Orbits; VISIBILITY INTERVAL 52 M						
Diagnostics	(F845M (64.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (64.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F547M (64.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F657N (64.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F763M (64.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (64.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (64.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant. (FQ619N_quadA (64.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ619N_quadA (64.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures			
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-5), (6), (7)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH
Comments: Description=Global Neptune Maps							

Proposal 15262 - Neptune 18C (64) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18C (64) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18C (64) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18C (64) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18C (64) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18C (64) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18C (64) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18C (64) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18C (64) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18C (64) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18C (64) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18C (64) Pattern 3, Exps 6-6 in Sequence 1-7 Non-Int in Neptune_18C (64) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18C (64) Pattern 3, Exps 7-7 in Sequence 1-7 Non-Int in Neptune_18C (64) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



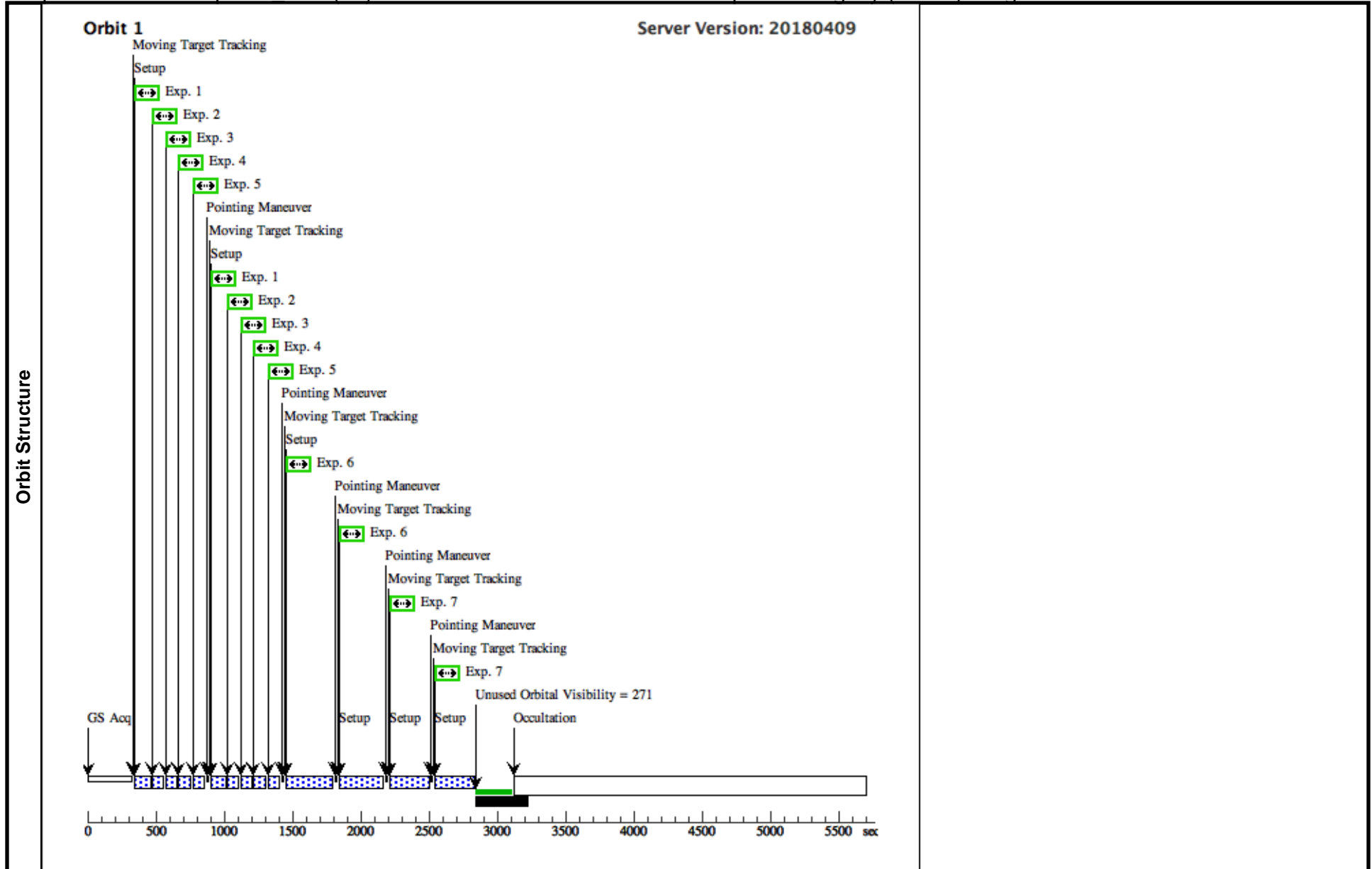
Proposal 15262 - Neptune 18D (65) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	Proposal 15262, Neptune_18D (65), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 64 BY 1.9 Orbits TO 3.1 Orbits; VISIBILITY INTERVAL 52 M						
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	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-5), (6), (7)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH
Comments: Description=Global Neptune Maps							

Proposal 15262 - Neptune 18D (65) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18D (65) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18D (65) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18D (65) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18D (65) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18D (65) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18D (65) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18D (65) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18D (65) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18D (65) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18D (65) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18D (65) Pattern 3, Exps 6-6 in Sequence 1-7 Non-Int in Neptune_18D (65) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18D (65) Pattern 3, Exps 7-7 in Sequence 1-7 Non-Int in Neptune_18D (65) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



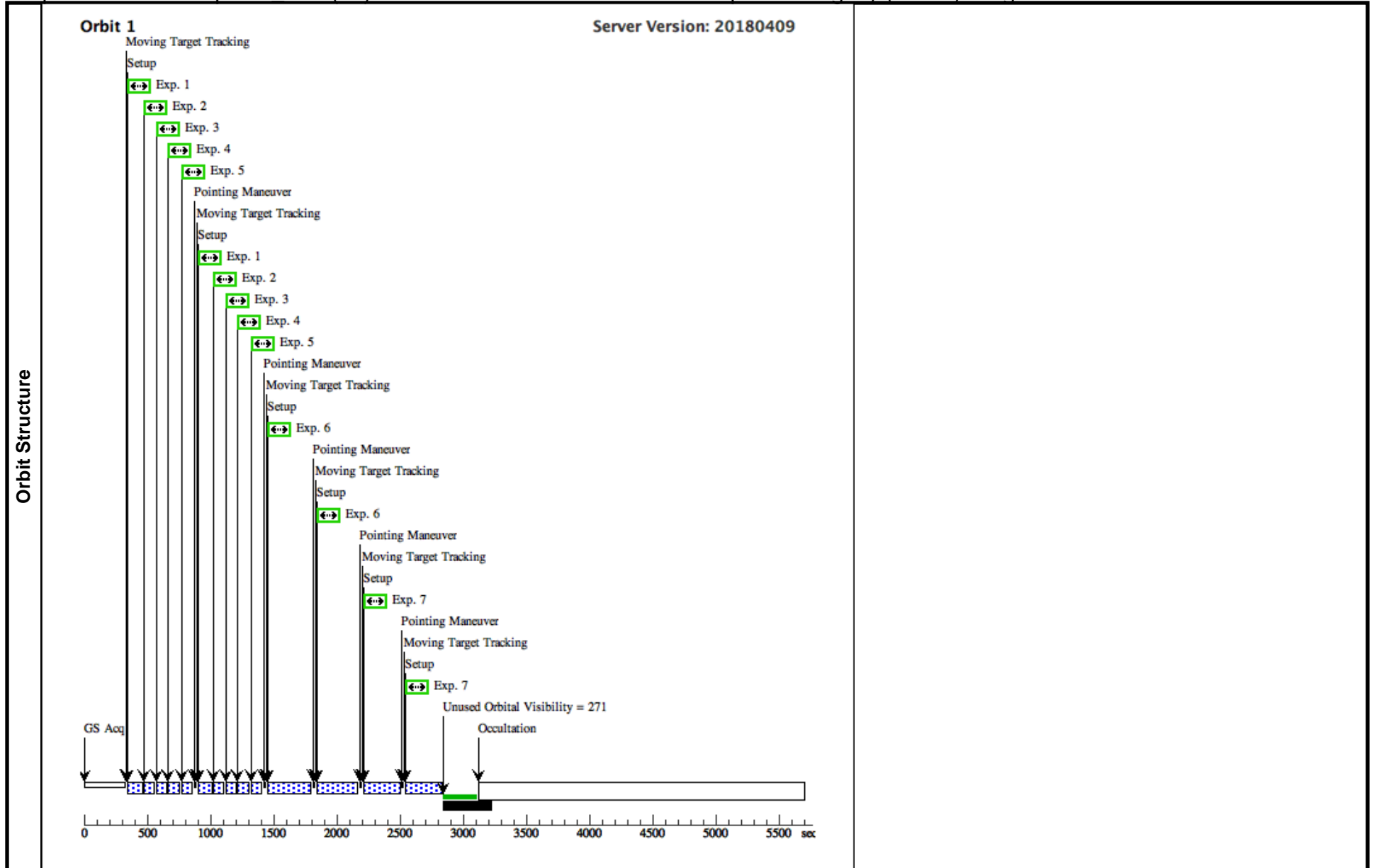
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Mon Sep 17 18:01:38 GMT 2018

Visit	Proposal 15262, Neptune_18E (66), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 65 BY 1.9 Orbits TO 3.1 Orbits; VISIBILITY INTERVAL 52 M																
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#	Name	Level 1	Level 2	Level 3	Window	Ephem Center											
(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH											
Solar System Targets																	

Proposal 15262 - Neptune 18E (66) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18E (66) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18E (66) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18E (66) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18E (66) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18E (66) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18E (66) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18E (66) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18E (66) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18E (66) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18E (66) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18E (66) Pattern 3, Exps 6-6 in Sequence 1-7 Non-Int in Neptune_18E (66) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18E (66) Pattern 3, Exps 7-7 in Sequence 1-7 Non-Int in Neptune_18E (66) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 15262 - Neptune 18F (67) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	Proposal 15262, Neptune_18F (67), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 66 BY 1.9 Orbits TO 4.1 Orbits; VISIBILITY INTERVAL 52 M						
Diagnostics	(F845M (67.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (67.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F547M (67.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F657N (67.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F763M (67.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (67.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (67.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant. (FQ619N_quadA (67.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ619N_quadA (67.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures			
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-5), (6), (7)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH
	<i>Comments: Description=Global Neptune Maps</i>						

Proposal 15262 - Neptune 18F (67) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18F (67) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18F (67) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18F (67) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18F (67) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18F (67) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18F (67) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18F (67) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18F (67) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18F (67) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18F (67) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18F (67) Pattern 3, Exps 6-6 in Sequence 1-7 Non-Int in Neptune_18F (67) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18F (67) Pattern 3, Exps 7-7 in Sequence 1-7 Non-Int in Neptune_18F (67) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]

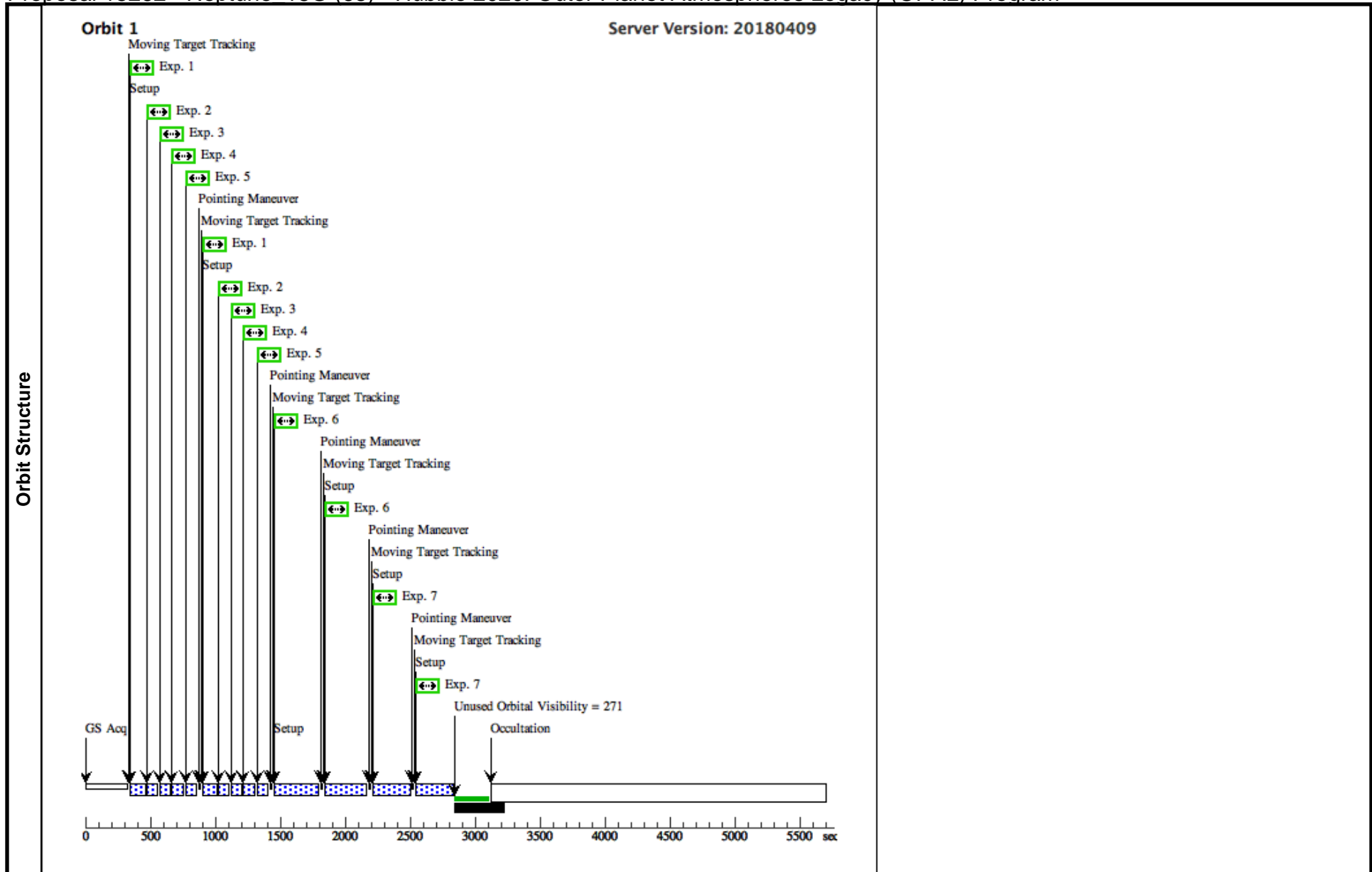
Proposal 15262 - Neptune 18G (68) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	Proposal 15262, Neptune_18G (68), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 67 BY 1.9 Orbits TO 3.1 Orbits; SEQ 68.69 WITHIN 3 Orbits; VISIBILITY INTERVAL 52 M																			
Diagnostics	(F845M (68.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (68.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F547M (68.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F657N (68.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F763M (68.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (68.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (68.006)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant. (FQ619N_quadA (68.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ619N_quadA (68.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.																			
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Proposal 15262 - Neptune 18G (68) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18G (68) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18G (68) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18G (68) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18G (68) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18G (68) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18G (68) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18G (68) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18G (68) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18G (68) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18G (68) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18G (68) Pattern 3, Exps 6-6 in Sequence 1-7 Non-Int in Neptune_18G (68) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18G (68) Pattern 3, Exps 7-7 in Sequence 1-7 Non-Int in Neptune_18G (68) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



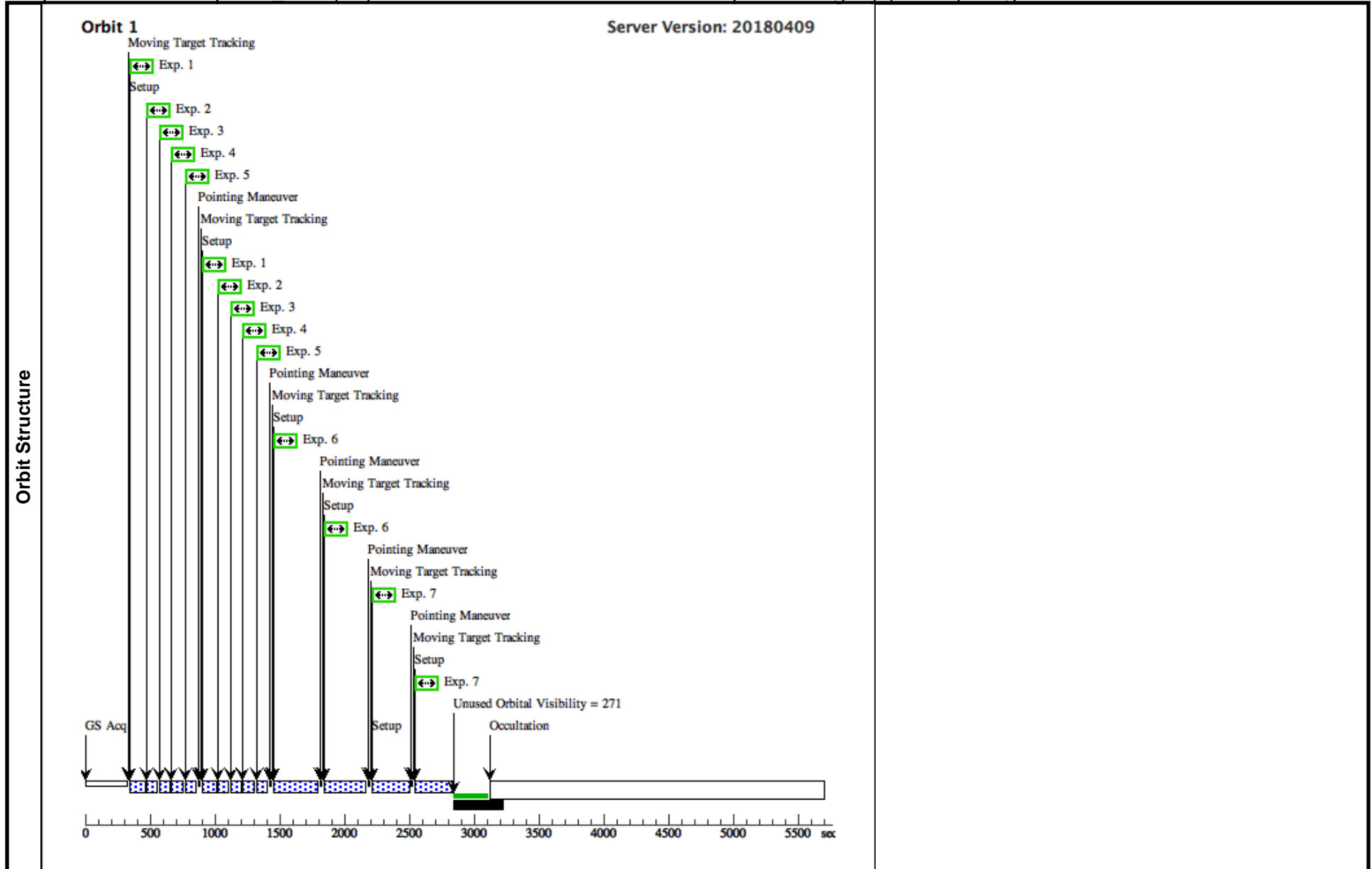
Proposal 15262 - Neptune 18H (69) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:38 GMT 2018

Visit	Proposal 15262, Neptune_18H (69), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 62 BY 17.9 Orbits TO 18.1 Orbits; VISIBILITY INTERVAL 52 M																			
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(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-5), (6), (7)																	
Solar System Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(4)</td> <td>NEPTUNE-MAPS</td> <td>STD=NEPTUNE</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> Comments: Description=Global Neptune Maps	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center	(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH					
#	Name	Level 1	Level 2	Level 3	Window	Ephem Center														
(4)	NEPTUNE-MAPS	STD=NEPTUNE				EARTH														

Proposal 15262 - Neptune 18H (69) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F845M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F845M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18H (69) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18H (69) (3)	40 Secs (80 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F467M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18H (69) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18H (69) (3)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F547M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M	CR-SPLIT=NO; BLADE=A		Sequence 1-7 Non-Int in Neptune_18H (69) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18H (69) (3)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F657N	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F657N	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18H (69) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18H (69) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F763M	CR-SPLIT=NO		Sequence 1-7 Non-Int in Neptune_18H (69) Pattern 3, Exps 1-5 in Sequence 1-7 Non-Int in Neptune_18H (69) (3)	20 Secs (40 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	FQ727N_qu adD	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -17.245, +16.537	Sequence 1-7 Non-Int in Neptune_18H (69) Pattern 3, Exps 6-6 in Sequence 1-7 Non-Int in Neptune_18H (69) (3)	150 Secs (300 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	FQ619N_qu adA	(4) NEPTUNE-MAP S	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ619N	CR-SPLIT=NO	POS TARG 18.673,- 18.179	Sequence 1-7 Non-Int in Neptune_18H (69) Pattern 3, Exps 7-7 in Sequence 1-7 Non-Int in Neptune_18H (69) (3)	120 Secs (240 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 15262 - Saturn 18A (30) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

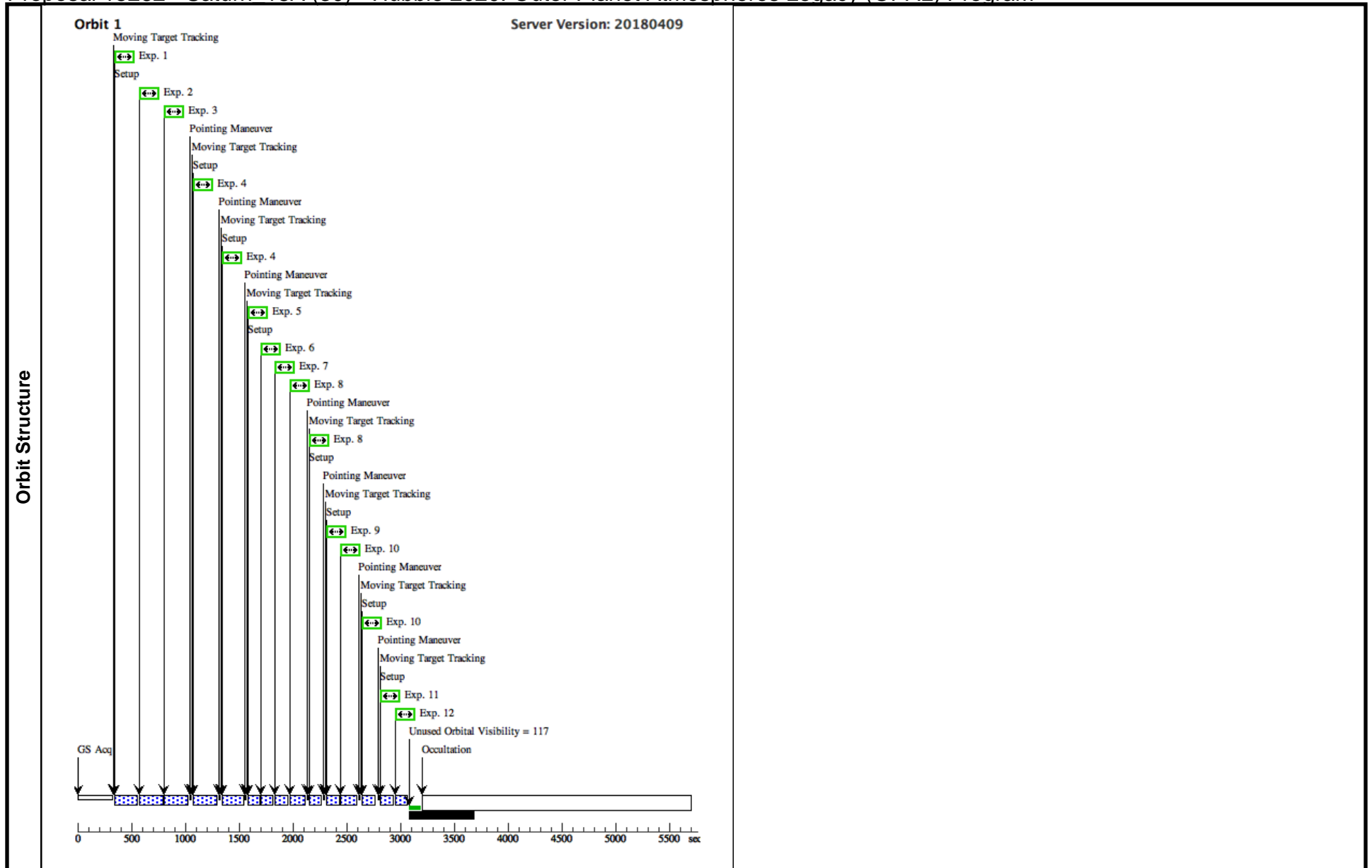
Visit	<p>Proposal 15262, Saturn_18A (30), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: BETWEEN 27-MAY-2018 AND 26-JUL-2018</p> <p><i>Comments: 12 orbits, should be contiguous, if possible. A gap of 1 or 2 orbits between 6 - 7 is acceptable, or a gap between 5-6, 6-7, or 7-8. Impingement into SAA is OK if the above timing gaps cannot prevent it.</i></p> <p><i>Saturn opposition (27 Jun 2018) +/- 30 days</i></p> <p><i>Proposed primary filters: 225, 275, 343, 395, 502, 631, 727, 750</i></p> <p><i>Secondary: 889 and 937</i></p> <p><i>Swap 750 to 763 for consistency with other data sets and timing reasons</i></p> <p><i>Add 467/658 for consistency with other planets, instead of 889/937</i></p>				
	Diagnostics	<p>(F631N_2K (30.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F502N_2K (30.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F395N_2K (30.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727_quadD (30.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727_quadD (30.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.</p> <p>(F763M (30.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (30.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F658N (30.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F275W (30.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F343N (30.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F225W (30.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F225W (30.011)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F631N (30.012)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>			
Patterns		#	Primary Pattern	Secondary Pattern	Exposures
		(2)	<p>Pattern Type=WFC3-UVIS-DITHER-LINE</p> <p>Purpose=DITHER</p> <p>Number Of Points=2</p> <p>Point Spacing=0.145</p> <p>Line Spacing=</p>	<p>Coordinate Frame=POS-TARG</p> <p>Pattern Orientation=46.84</p> <p>Angle Between Sides=</p> <p>Center Pattern=false</p>	(8), (10)
		(3)	<p>Pattern Type=WFC3-UVIS-DITHER-LINE</p> <p>Purpose=DITHER</p> <p>Number Of Points=2</p> <p>Point Spacing=0.725</p> <p>Line Spacing=</p>	<p>Coordinate Frame=POS-TARG</p> <p>Pattern Orientation=46.84</p> <p>Angle Between Sides=</p> <p>Center Pattern=false</p>	(4)

Proposal 15262 - Saturn 18A (30) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
		(2)	SATURN-MAPS	STD=SATURN			NOT ECL P PARTIAL OF SATURN- MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"
	<i>Comments: Description=Saturn global Maps Extended=YES</i>						

Proposal 15262 - Saturn 18A (30) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18A (30)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18A (30)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.1005337)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18A (30)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_quad (WFC3UVI S.im.1005393)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10	Sequence 1-12 Non-Int in Saturn_18A (30) Pattern 3, Exps 4-4 in Sequence 1-12 Non-Int in Saturn_18A (30) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.1005344)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A		Sequence 1-12 Non-Int in Saturn_18A (30)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.1005339)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-12 Non-Int in Saturn_18A (30)	7 Secs (7 Secs) [==>]	[1]
	7	F658N (WFC3UVI S.im.1005351)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F658N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18A (30)	20 Secs (20 Secs) [==>]	[1]
	8	F275W (2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18A (30) Pattern 2, Exps 8-8 in Sequence 1-12 Non-Int in Saturn_18A (30) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F343N (WFC3UVI S.im.1005334)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18A (30)	20 Secs (20 Secs) [==>]	[1]
	10	F225W (2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18A (30) Pattern 2, Exps 10-10 in Sequence 1-12 Non-Int in Saturn_18A (30) (2)	45 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F225W (2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18A (30)	45 Secs (45 Secs) [==>]	[1]
	12	F631N (WFC3UVI S.im.712372)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18A (30)	15 Secs (15 Secs) [==>]	[1]



Proposal 15262 - Gyro Bias Update (51) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

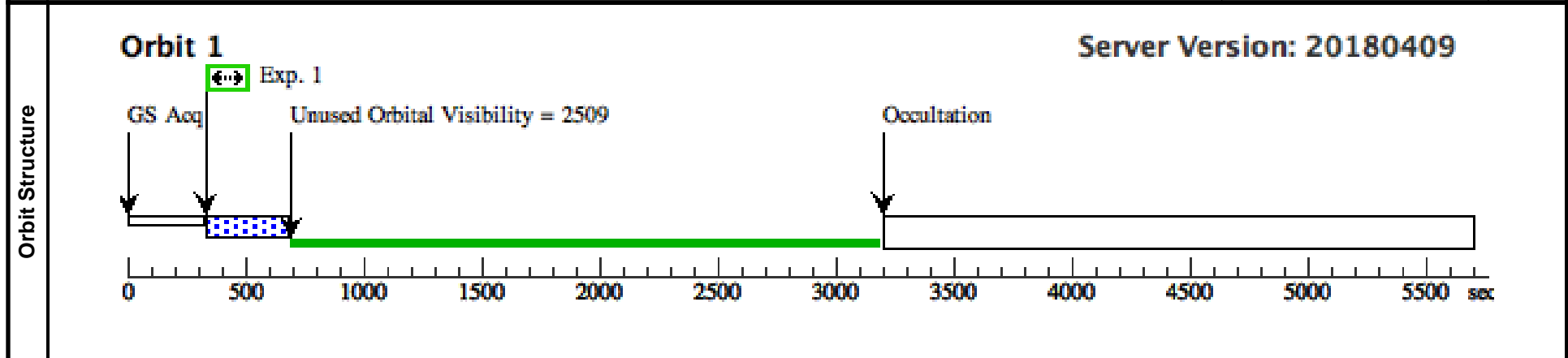
Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Gyro Bias Update (51), completed						
	Diagnostic Status: No Diagnostics						
	Scientific Instruments: S/C						
	Special Requirements: NOTRACK; AFTER 30 BY 0.9 Orbits TO 1.1 Orbits						

Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
		(2)	SATURN-MAPS	STD=SATURN			NOT ECL P PARTIAL OF SATURN- MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"

*Comments: Description=Saturn global Maps
Extended=YES*

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1		(2) SATURN-MAPS	S/C, POINTING, V1					360.0 Secs (360 Secs)
									[==>]	[1]



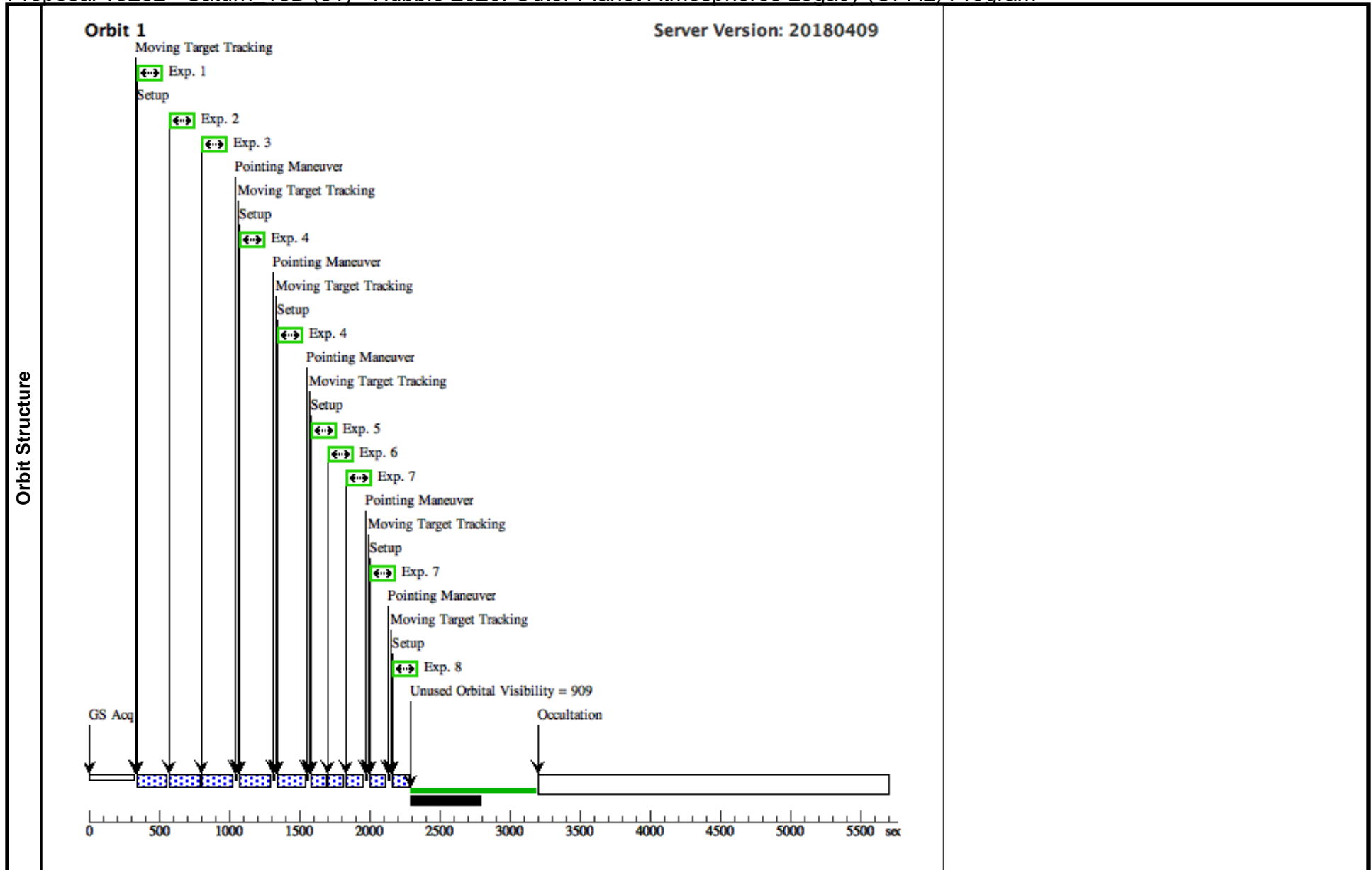
Proposal 15262 - Saturn 18B (31) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Saturn_18B (31), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 51 BY 0 Orbits TO 0.5 Orbits						
	(F631N_2K (31.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N_2K (31.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N_2K (31.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (31.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (31.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant. (F763M (31.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (31.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (31.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (31.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
Diagnostics							
Patterns	#	Primary Pattern	Secondary Pattern	Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(7)			
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(4)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(2)	SATURN-MAPS	STD=SATURN				NOT ECL P PARTIAL OF SATURN- EARTH MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"
Comments: Description=Saturn global Maps Extended=YES							

Proposal 15262 - Saturn 18B (31) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO	GS ACQ SCENARI O BASE1B3	Sequence 1-8 Non-Int in Saturn_18B (31)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO		Sequence 1-8 Non-Int in Saturn_18B (31)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.100533 7)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO		Sequence 1-8 Non-Int in Saturn_18B (31)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_qua dD (WFC3UVI S.im.100539 3)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10	Sequence 1-8 Non-Int in Saturn_18B (31) Pattern 3, Exps 4-4 i n Sequence 1-8 Non- Int in Saturn_18B (3 1) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.100534 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A		Sequence 1-8 Non-Int in Saturn_18B (31)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.100533 9)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-8 Non-Int in Saturn_18B (31)	7 Secs (7 Secs) [==>]	[1]
	7	F275W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Sequence 1-8 Non-Int in Saturn_18B (31) Pattern 2, Exps 7-7 i n Sequence 1-8 Non- Int in Saturn_18B (3 1) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	8	F343N (WFC3UVI S.im.100533 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Sequence 1-8 Non-Int in Saturn_18B (31)	20 Secs (20 Secs) [==>]	[1]



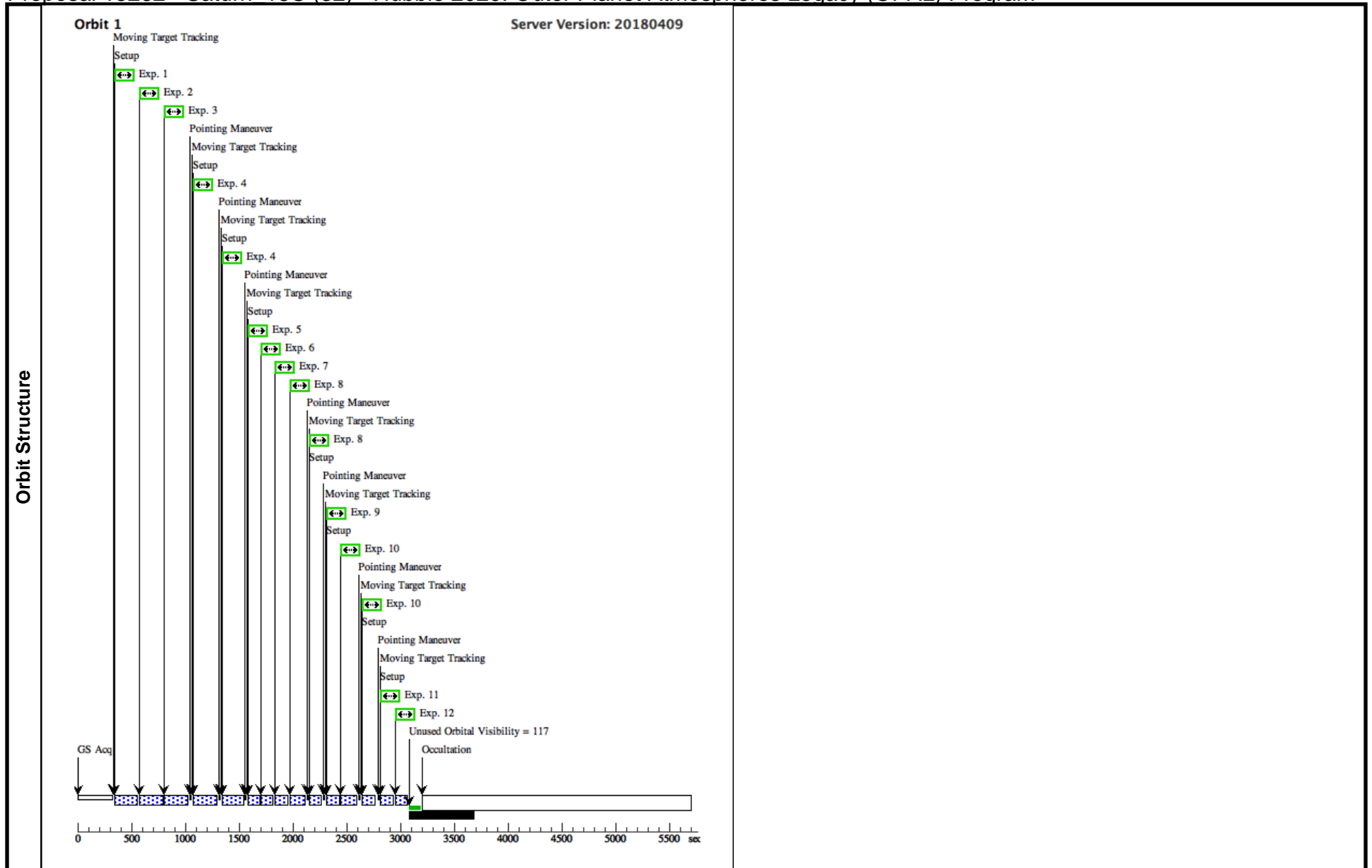
Proposal 15262 - Saturn 18C (32) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	<p>Proposal 15262, Saturn_18C (32), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 51 BY 0.9 Orbits TO 1.1 Orbits</p>							
	Diagnostics	<p>(F631N_2K (32.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F502N_2K (32.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F395N_2K (32.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727_quadD (32.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727_quadD (32.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p> <p>(F763M (32.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (32.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F658N (32.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F275W (32.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F343N (32.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F225W (32.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F225W (32.011)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F631N (32.012)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>						
Patterns		#	Primary Pattern		Secondary Pattern		Exposures	
		(2)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(8), (10)	
		(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(4)	
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
		(2)	SATURN-MAPS	STD=SATURN				NOT ECL P PARTIAL OF SATURN- EARTH MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"
<p><i>Comments: Description=Saturn global Maps Extended=YES</i></p>								

Proposal 15262 - Saturn 18C (32) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18C (32)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18C (32)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.100533 7)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18C (32)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_qua dD (WFC3UVI S.im.100539 3)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10 Sequence 1-12 Non-Int in Saturn_18C (32) Pattern 3, Exps 4-4 in Sequence 1-12 Non-Int in Saturn_18C (32) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.100534 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A	Sequence 1-12 Non-Int in Saturn_18C (32)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.100533 9)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A	Sequence 1-12 Non-Int in Saturn_18C (32)	7 Secs (7 Secs) [==>]	[1]
	7	F658N (WFC3UVI S.im.100535 1)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F658N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18C (32)	20 Secs (20 Secs) [==>]	[1]
	8	F275W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18C (32) Pattern 2, Exps 8-8 in Sequence 1-12 Non-Int in Saturn_18C (32) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F343N (WFC3UVI S.im.100533 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18C (32)	20 Secs (20 Secs) [==>]	[1]
	10	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18C (32) Pattern 2, Exps 10-10 in Sequence 1-12 Non-Int in Saturn_18C (32) (2)	45 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18C (32)	45 Secs (45 Secs) [==>]	[1]
	12	F631N (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18C (32)	15 Secs (15 Secs) [==>]	[1]



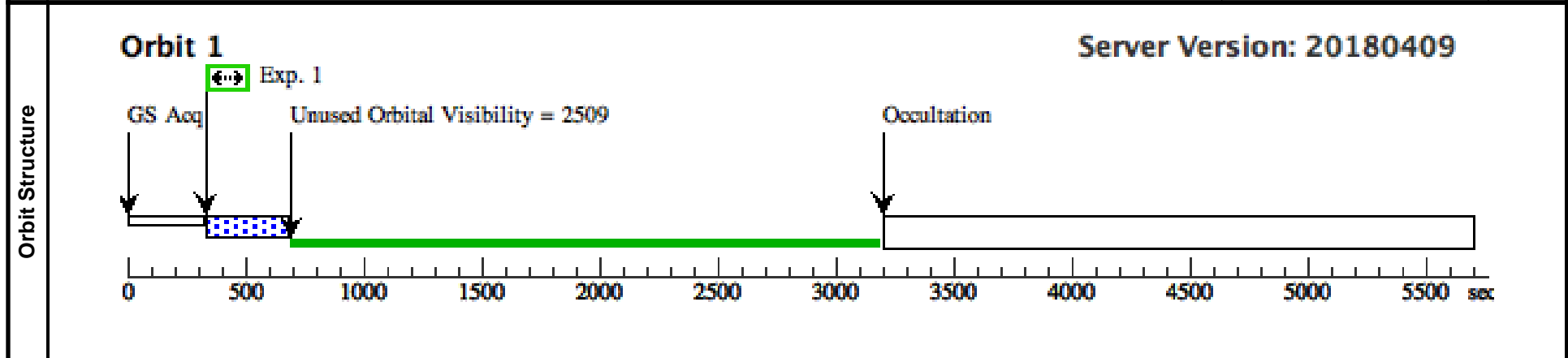
Proposal 15262 - Gyro Bias Update (52) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Gyro Bias Update (52), completed Diagnostic Status: No Diagnostics Scientific Instruments: S/C Special Requirements: NOTRACK; AFTER 32 BY 0.9 Orbits TO 1.1 Orbits						

Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
		(2)	SATURN-MAPS	STD=SATURN			NOT ECL P PARTIAL OF SATURN- MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"
	Comments: Description=Saturn global Maps Extended=YES						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1		(2) SATURN-MAPS	S/C, POINTING, V1					360.0 Secs (360 Secs)
									[==>]	[1]



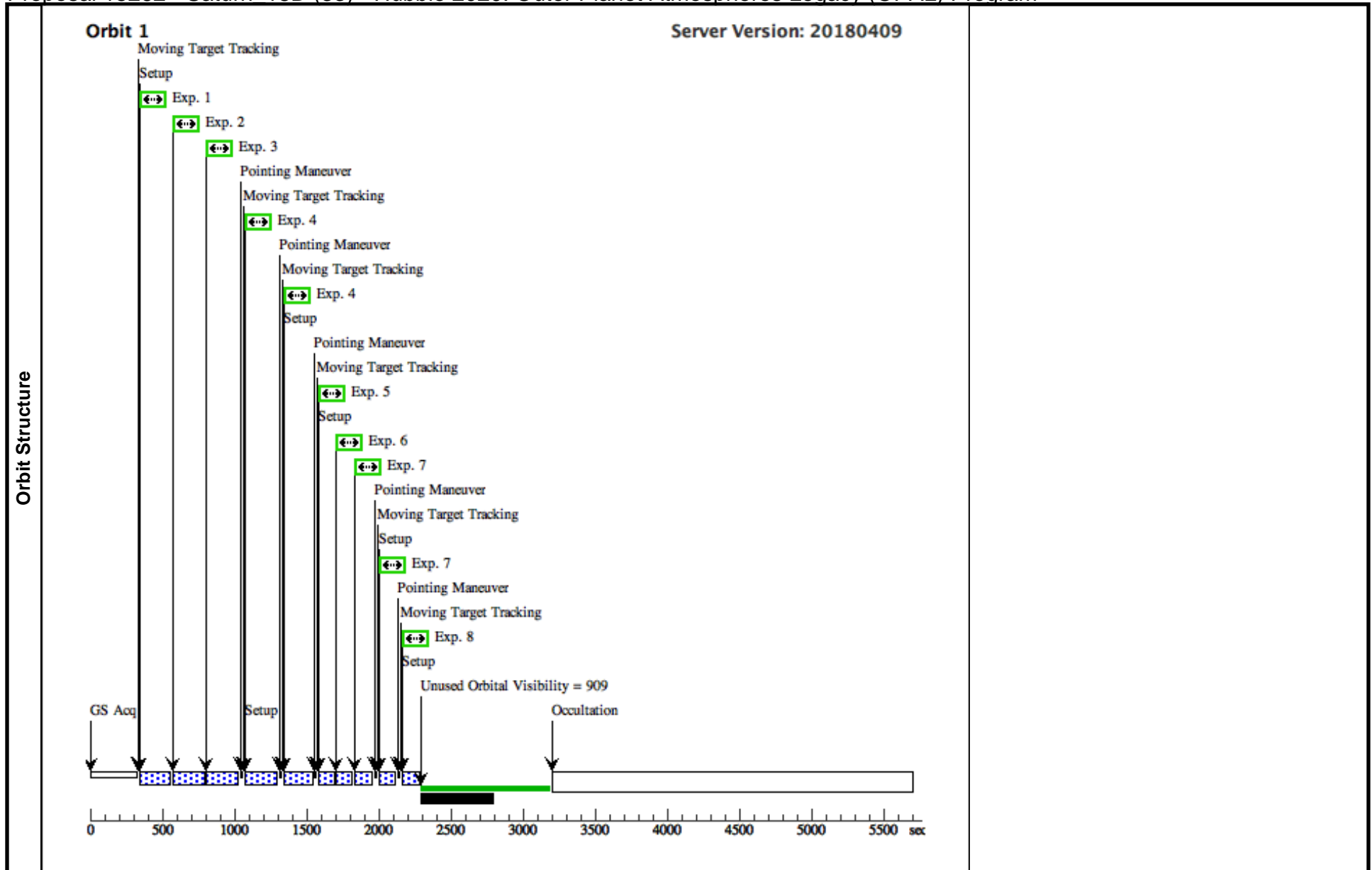
Proposal 15262 - Saturn 18D (33) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	<p>Proposal 15262, Saturn_18D (33), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 52 BY 0 Orbits TO 0.5 Orbits</p>						
Diagnostics	<p>(F631N_2K (33.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F502N_2K (33.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F395N_2K (33.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727_quadD (33.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727_quadD (33.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p> <p>(F763M (33.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (33.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F275W (33.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F343N (33.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(7)			
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(2)	SATURN-MAPS	STD=SATURN			NOT ECL P PARTIAL OF SATURN- MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"	EARTH
<p><i>Comments: Description=Saturn global Maps</i></p> <p><i>Extended=YES</i></p>							

Proposal 15262 - Saturn 18D (33) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18D (33)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18D (33)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.100533 7)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18D (33)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_qua dD (WFC3UVI S.im.100539 3)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10		Sequence 1-8 Non-Int in Saturn_18D (33) Pattern 3, Exps 4-4 i n Sequence 1-8 Non- Int in Saturn_18D (3 3) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.100534 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A			Sequence 1-8 Non-Int in Saturn_18D (33)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.100533 9)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A			Sequence 1-8 Non-Int in Saturn_18D (33)	7 Secs (7 Secs) [==>]	[1]
	7	F275W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18D (33) Pattern 2, Exps 7-7 i n Sequence 1-8 Non- Int in Saturn_18D (3 3) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	8	F343N (WFC3UVI S.im.100533 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO	SAA CONTOUR 02		Sequence 1-8 Non-Int in Saturn_18D (33)	20 Secs (20 Secs) [==>]	[1]



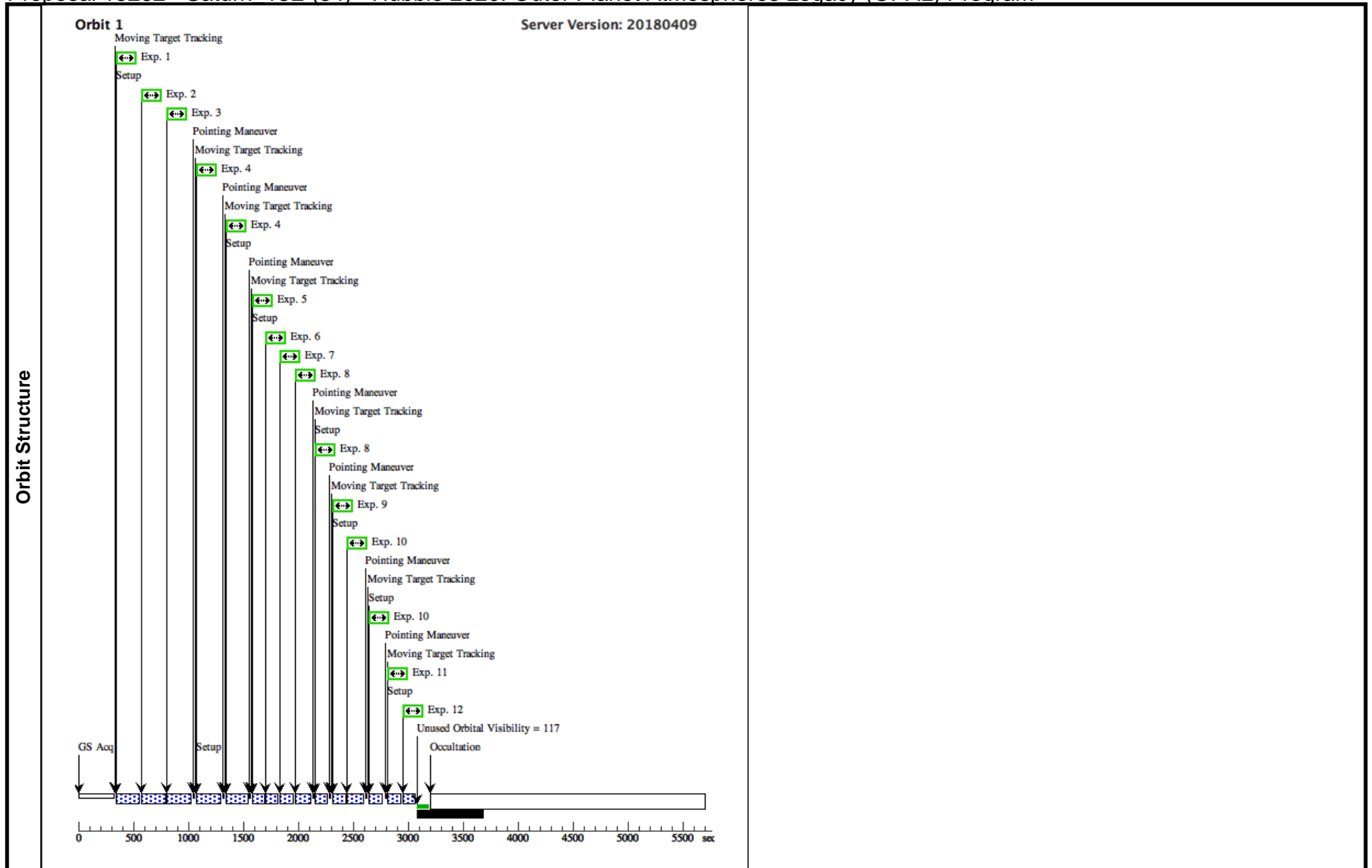
Proposal 15262 - Saturn 18E (34) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Saturn_18E (34), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 52 BY 0.9 Orbits TO 1.1 Orbits																				
	Diagnostics	(F631N_2K (34.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N_2K (34.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N_2K (34.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (34.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (34.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant. (F763M (34.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (34.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (34.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (34.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (34.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (34.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (34.011)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (34.012)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser																			
Patterns		<table border="1"> <thead> <tr> <th>#</th> <th>Primary Pattern</th> <th>Secondary Pattern</th> <th>Exposures</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td> Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(8), (10)</td> </tr> <tr> <td>(3)</td> <td> Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(4)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(8), (10)	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(4)							
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(2)		SATURN-MAPS	STD=SATURN			NOT ECL P PARTIAL OF SATURN-MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"	EARTH														

Proposal 15262 - Saturn 18E (34) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18E (34)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18E (34)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.100533 7)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18E (34)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_qua dD (WFC3UVI S.im.100539 3)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10 Sequence 1-12 Non-Int in Saturn_18E (34) Pattern 3, Exps 4-4 in Sequence 1-12 Non-Int in Saturn_18E (34) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.100534 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A	Sequence 1-12 Non-Int in Saturn_18E (34)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.100533 9)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A	Sequence 1-12 Non-Int in Saturn_18E (34)	7 Secs (7 Secs) [==>]	[1]
	7	F658N (WFC3UVI S.im.100535 1)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F658N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18E (34)	20 Secs (20 Secs) [==>]	[1]
	8	F275W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18E (34) Pattern 2, Exps 8-8 in Sequence 1-12 Non-Int in Saturn_18E (34) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F343N (WFC3UVI S.im.100533 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18E (34)	20 Secs (20 Secs) [==>]	[1]
	10	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18E (34) Pattern 2, Exps 10-10 in Sequence 1-12 Non-Int in Saturn_18E (34) (2)	45 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18E (34)	45 Secs (45 Secs) [==>]	[1]
	12	F631N (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18E (34)	15 Secs (15 Secs) [==>]	[1]



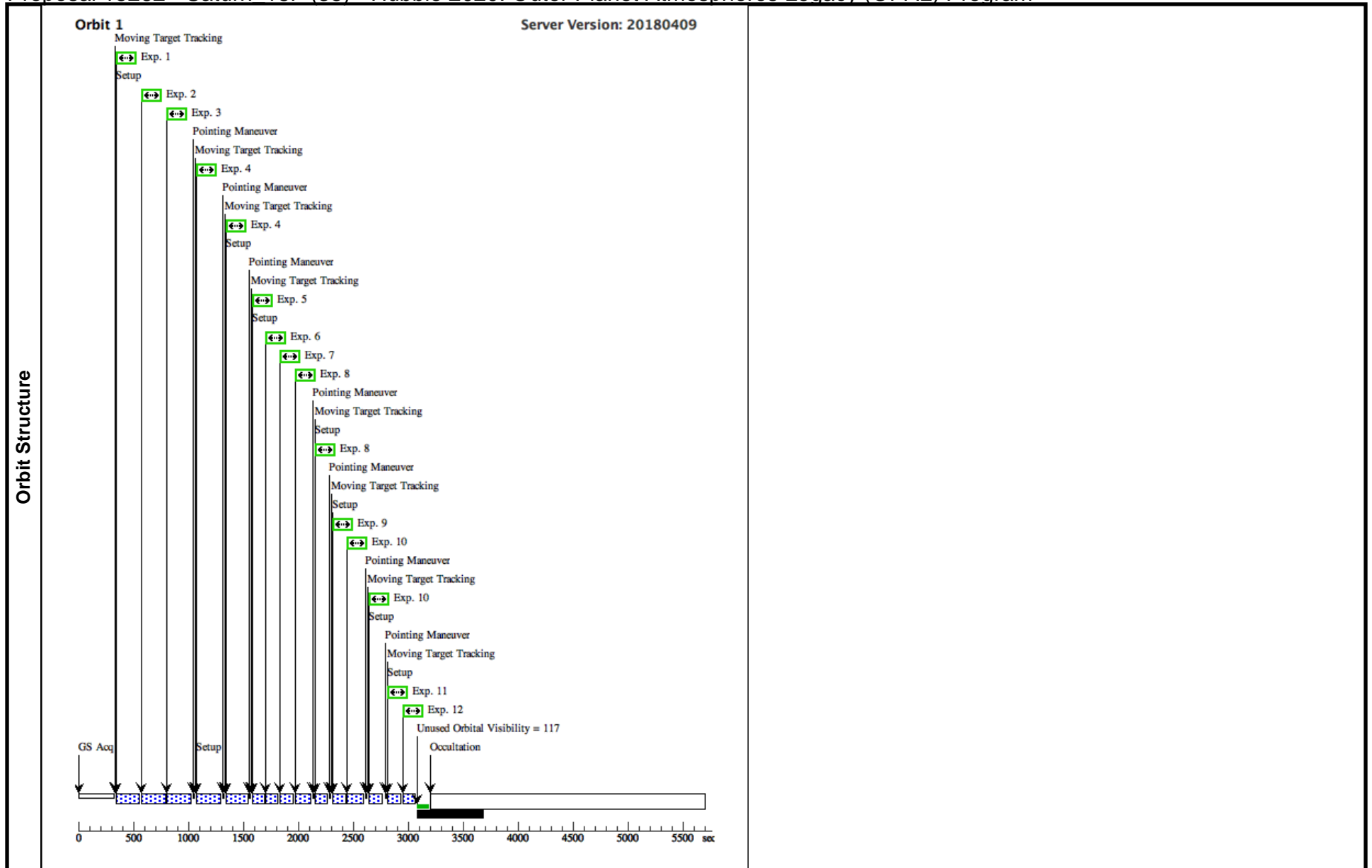
Proposal 15262 - Saturn 18F (35) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Saturn_18F (35), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 34 BY 0.9 Orbits TO 1.1 Orbits																				
	Diagnostics	(F631N_2K (35.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N_2K (35.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N_2K (35.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (35.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (35.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant. (F763M (35.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (35.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (35.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (35.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (35.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (35.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (35.011)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (35.012)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser																			
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(2)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(8), (10)																	
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Comments: Description=Saturn global Maps Extended=YES																					

Proposal 15262 - Saturn 18F (35) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18F (35)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18F (35)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.1005337)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18F (35)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_quad (WFC3UVI S.im.1005393)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10	Sequence 1-12 Non-Int in Saturn_18F (35) Pattern 3, Exps 4-4 in Sequence 1-12 Non-Int in Saturn_18F (35) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.1005344)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A		Sequence 1-12 Non-Int in Saturn_18F (35)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.1005339)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-12 Non-Int in Saturn_18F (35)	7 Secs (7 Secs) [==>]	[1]
	7	F658N (WFC3UVI S.im.1005351)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F658N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18F (35)	20 Secs (20 Secs) [==>]	[1]
	8	F275W (2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18F (35) Pattern 2, Exps 8-8 in Sequence 1-12 Non-Int in Saturn_18F (35) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F343N (WFC3UVI S.im.1005334)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18F (35)	20 Secs (20 Secs) [==>]	[1]
	10	F225W (2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18F (35) Pattern 2, Exps 10-10 in Sequence 1-12 Non-Int in Saturn_18F (35) (2)	45 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
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	12	F631N (WFC3UVI S.im.712372)	(2) SATURN-MAPS WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18F (35)	15 Secs (15 Secs) [==>]	[1]



Proposal 15262 - Gyro Bias Update (54) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

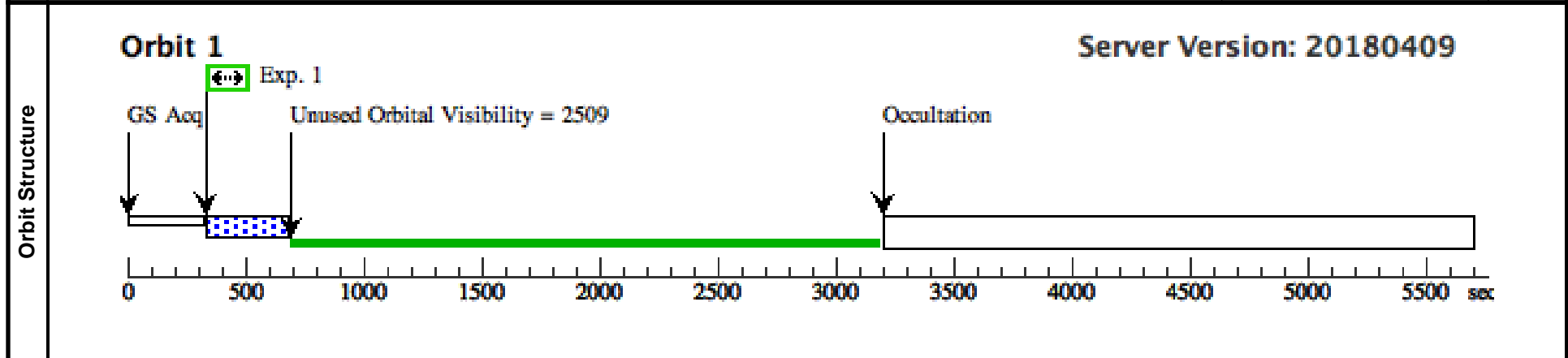
Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Gyro Bias Update (54), completed						
	Diagnostic Status: No Diagnostics						
	Scientific Instruments: S/C						
	Special Requirements: NOTRACK; AFTER 35 BY 0.9 Orbits TO 1.1 Orbits						

Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
		(2)	SATURN-MAPS	STD=SATURN			NOT ECL P PARTIAL OF SATURN- MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"

*Comments: Description=Saturn global Maps
Extended=YES*

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1		(2) SATURN-MAPS	S/C, POINTING, V1					360.0 Secs (360 Secs)
									[==>]	[1]



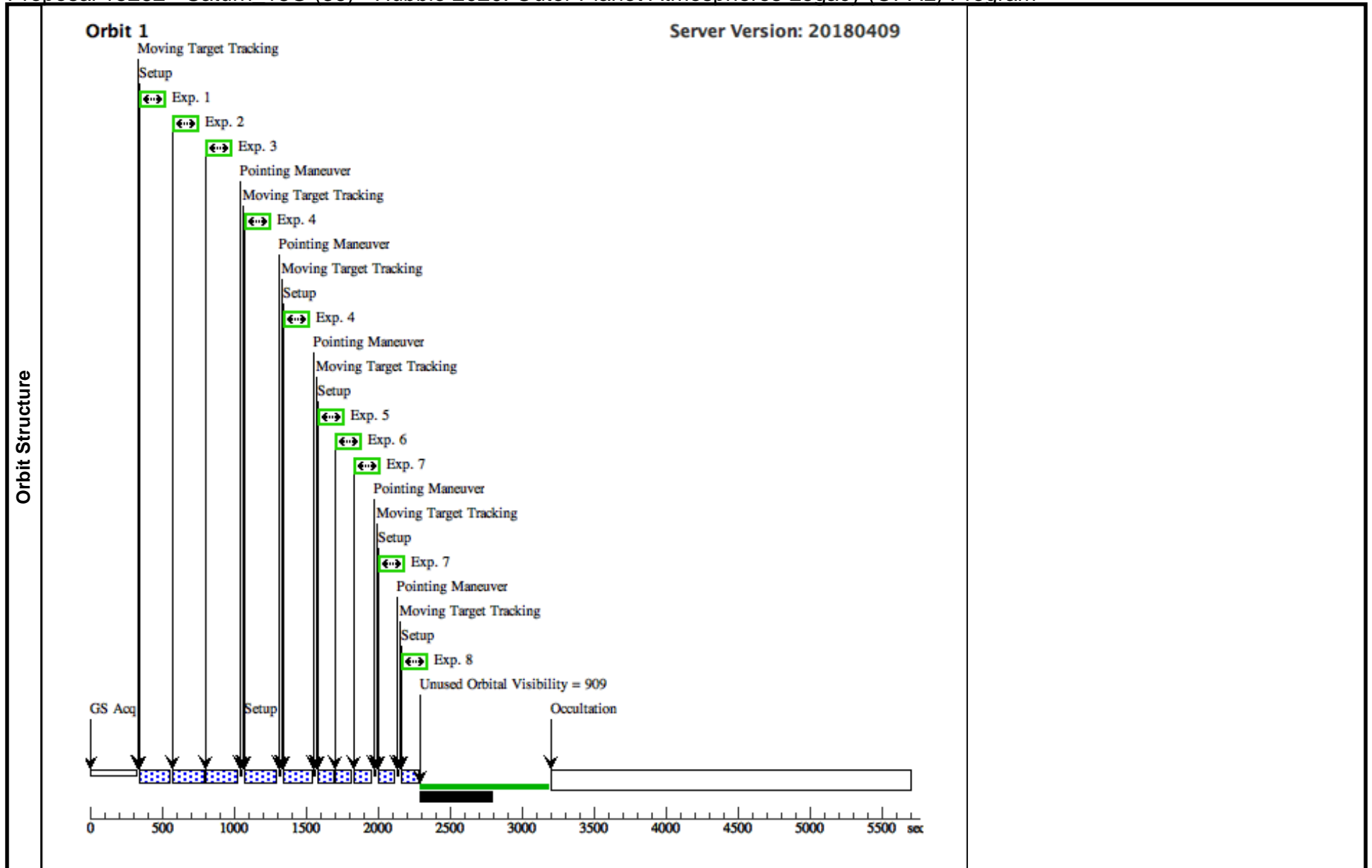
Proposal 15262 - Saturn 18G (36) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Saturn_18G (36), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 54 BY 0 Orbits TO 0.5 Orbits							
	Diagnostics	(F631N_2K (36.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N_2K (36.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N_2K (36.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (36.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (36.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant. (F763M (36.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (36.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (36.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (36.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
Patterns		#	Primary Pattern	Secondary Pattern	Exposures			
		(2)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(7)			
		(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(4)			
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
		(2)	SATURN-MAPS	STD=SATURN				NOT ECL P PARTIAL OF SATURN- EARTH MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"
Comments: Description=Saturn global Maps Extended=YES								

Proposal 15262 - Saturn 18G (36) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO	Sequence 1-8 Non-Int in Saturn_18G (36)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO	Sequence 1-8 Non-Int in Saturn_18G (36)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.100533 7)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO	Sequence 1-8 Non-Int in Saturn_18G (36)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_qua dD (WFC3UVI S.im.100539 3)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10 Sequence 1-8 Non-Int in Saturn_18G (36) Pattern 3, Exps 4-4 i n Sequence 1-8 Non- Int in Saturn_18G (3 6) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.100534 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A	Sequence 1-8 Non-Int in Saturn_18G (36)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.100533 9)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A	Sequence 1-8 Non-Int in Saturn_18G (36)	7 Secs (7 Secs) [==>]	[1]
	7	F275W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO	Sequence 1-8 Non-Int in Saturn_18G (36) Pattern 2, Exps 7-7 i n Sequence 1-8 Non- Int in Saturn_18G (3 6) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	8	F343N (WFC3UVI S.im.100533 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO	Sequence 1-8 Non-Int in Saturn_18G (36)	20 Secs (20 Secs) [==>]	[1]



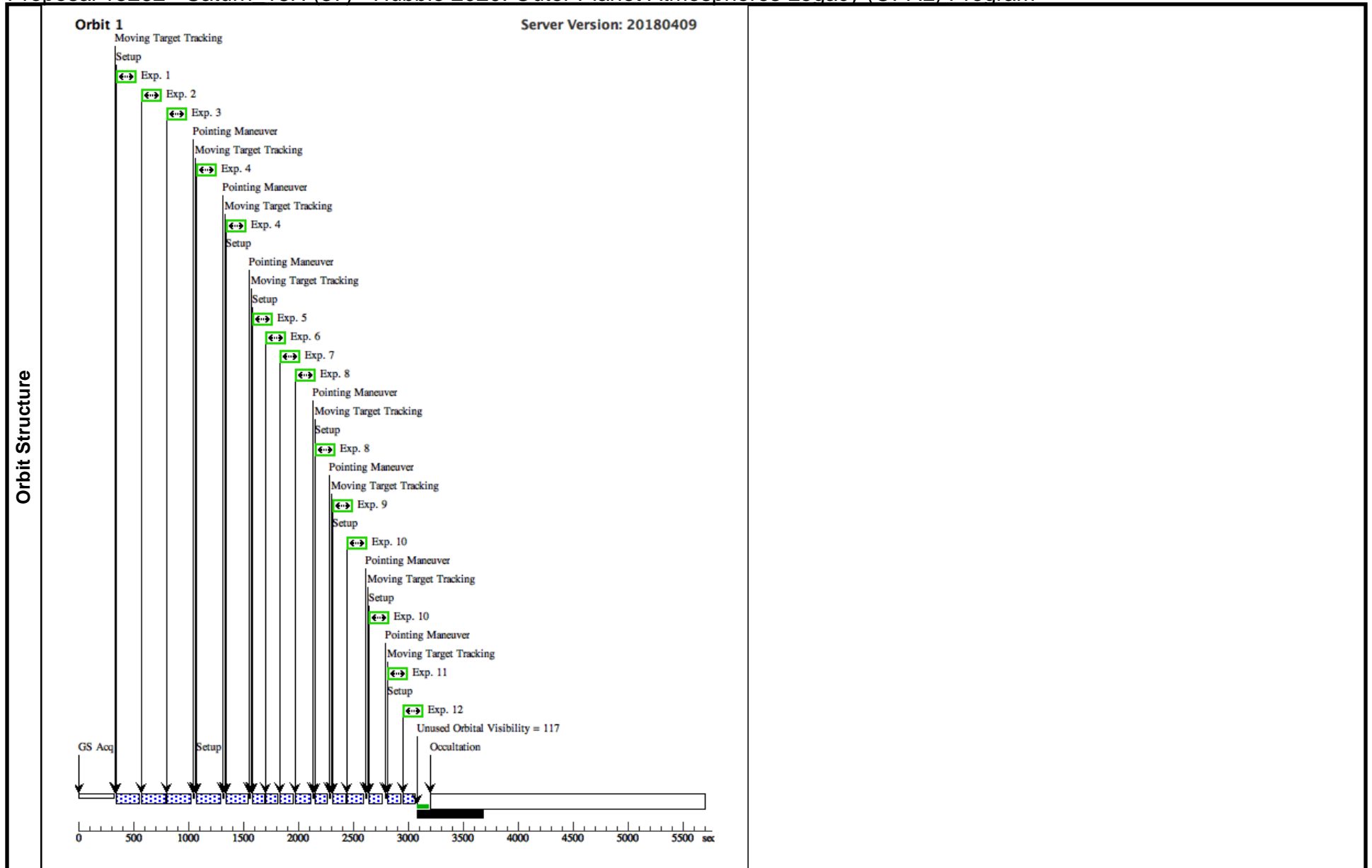
Proposal 15262 - Saturn 18H (37) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Saturn_18H (37), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 54 BY 0.9 Orbits TO 1.1 Orbits							
	Diagnostics	(F631N_2K (37.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N_2K (37.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N_2K (37.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (37.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (37.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant. (F763M (37.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (37.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (37.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (37.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (37.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (37.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (37.011)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (37.012)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
Patterns		#	Primary Pattern	Secondary Pattern	Exposures			
		(2)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(8), (10)			
(3)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(4)				
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
		(2)	SATURN-MAPS	STD=SATURN				NOT ECL P PARTIAL OF SATURN- MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"
Comments: Description=Saturn global Maps Extended=YES								

Proposal 15262 - Saturn 18H (37) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18H (37)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18H (37)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.100533 7)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18H (37)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_qua dD (WFC3UVI S.im.100539 3)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10 Sequence 1-12 Non-Int in Saturn_18H (37) Pattern 3, Exps 4-4 i n Sequence 1-12 No n-Int in Saturn_18H (37) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.100534 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A	Sequence 1-12 Non-Int in Saturn_18H (37)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.100533 9)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A	Sequence 1-12 Non-Int in Saturn_18H (37)	7 Secs (7 Secs) [==>]	[1]
	7	F658N (WFC3UVI S.im.100535 1)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F658N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18H (37)	20 Secs (20 Secs) [==>]	[1]
	8	F275W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18H (37) Pattern 2, Exps 8-8 i n Sequence 1-12 No n-Int in Saturn_18H (37) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F343N (WFC3UVI S.im.100533 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18H (37)	20 Secs (20 Secs) [==>]	[1]
	10	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18H (37) Pattern 2, Exps 10-1 0 in Sequence 1-12 Non-Int in Saturn_18 H (37) (2)	45 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18H (37)	45 Secs (45 Secs) [==>]	[1]
	12	F631N (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18H (37)	15 Secs (15 Secs) [==>]	[1]



Proposal 15262 - Gyro Bias Update (55) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

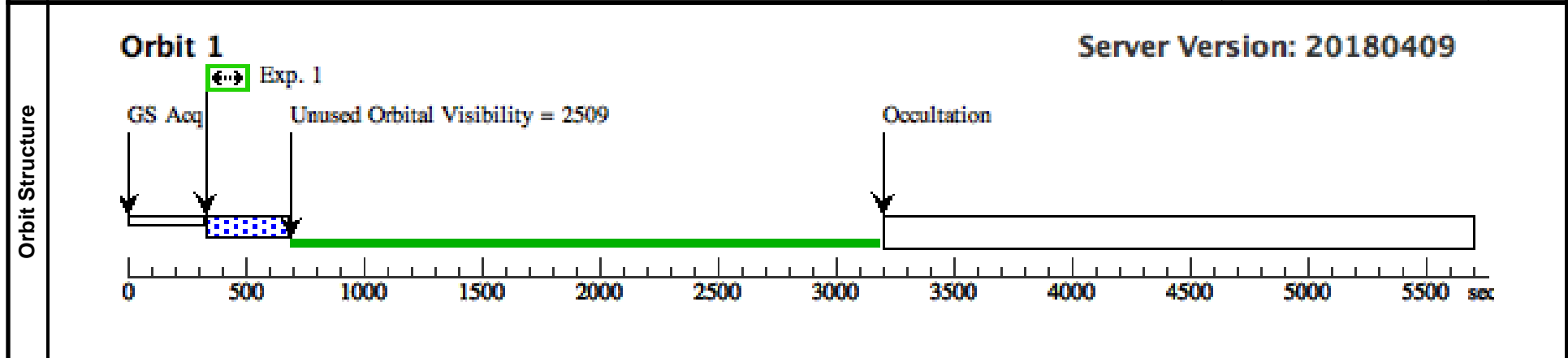
Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Gyro Bias Update (55), completed						
	Diagnostic Status: No Diagnostics						
	Scientific Instruments: S/C						
	Special Requirements: NOTRACK; AFTER 37 BY 0.9 Orbits TO 1.1 Orbits						

Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
		(2)	SATURN-MAPS	STD=SATURN			NOT ECL P PARTIAL OF SATURN- MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"

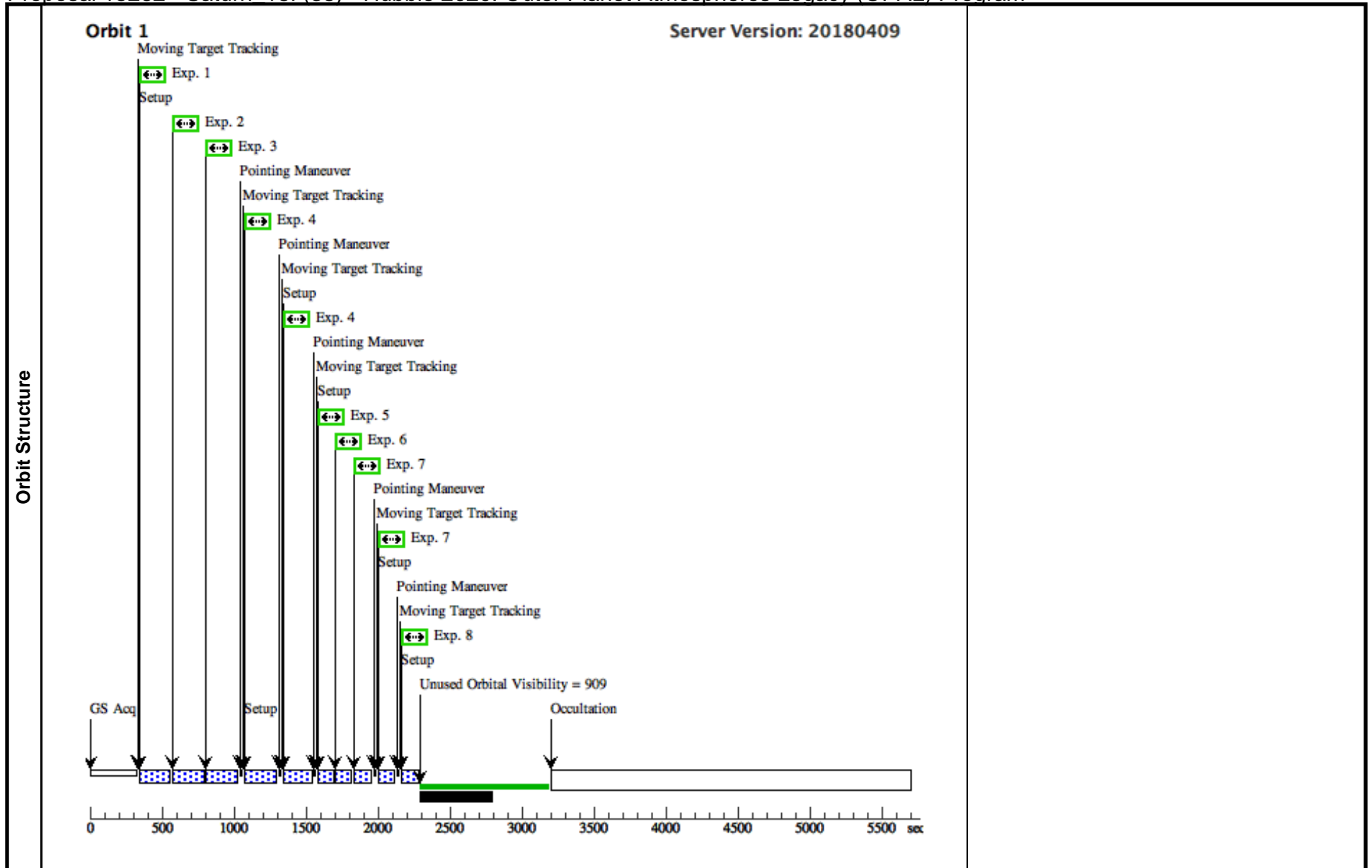
*Comments: Description=Saturn global Maps
Extended=YES*

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1		(2) SATURN-MAPS	S/C, POINTING, V1					360.0 Secs (360 Secs)
									[==>]	[1]



Proposal 15262 - Saturn 18I (38) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18I (38)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18I (38)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.100533 7)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18I (38)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_qua dD (WFC3UVI S.im.100539 3)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10		Sequence 1-8 Non-Int in Saturn_18I (38) Pattern 3, Exps 4-4 i n Sequence 1-8 Non- Int in Saturn_18I (38) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.100534 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A			Sequence 1-8 Non-Int in Saturn_18I (38)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.100533 9)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A			Sequence 1-8 Non-Int in Saturn_18I (38)	7 Secs (7 Secs) [==>]	[1]
	7	F275W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18I (38) Pattern 2, Exps 7-7 i n Sequence 1-8 Non- Int in Saturn_18I (38) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	8	F343N (WFC3UVI S.im.100533 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18I (38)	20 Secs (20 Secs) [==>]	[1]



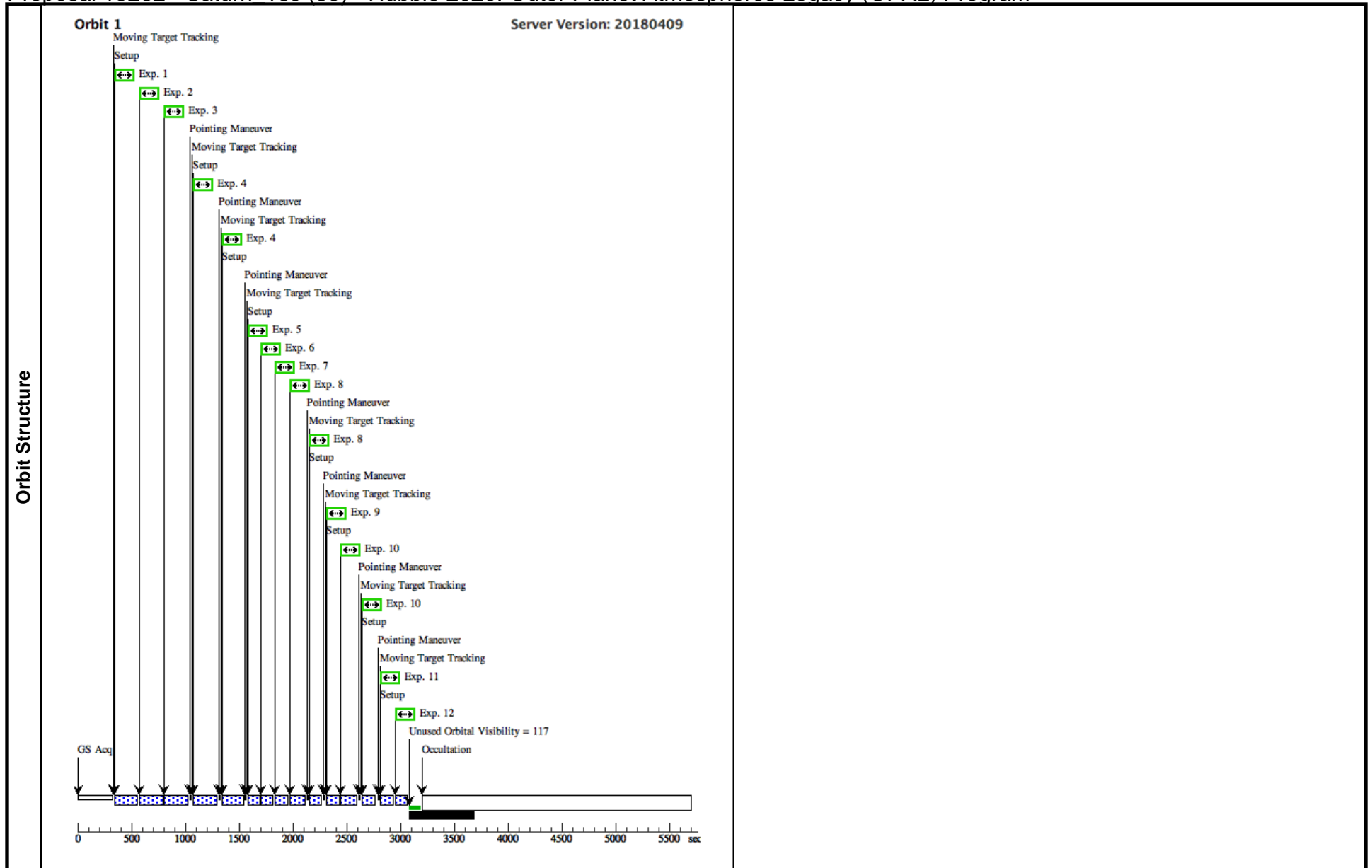
Proposal 15262 - Saturn 18J (39) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	<p>Proposal 15262, Saturn_18J (39), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 55 BY 0.9 Orbits TO 1.1 Orbits</p>						
Diagnostics	<p>(F631N_2K (39.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F502N_2K (39.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F395N_2K (39.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727_quadD (39.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727_quadD (39.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p> <p>(F763M (39.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (39.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F658N (39.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F275W (39.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F343N (39.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F225W (39.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F225W (39.011)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F631N (39.012)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(8), (10)			
Patterns	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(4)			
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
(2)	SATURN-MAPS	STD=SATURN				NOT ECL P PARTIAL OF SATURN- MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"	EARTH
<p><i>Comments: Description=Saturn global Maps</i></p> <p><i>Extended=YES</i></p>							

Proposal 15262 - Saturn 18J (39) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18J (39)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18J (39)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.1005337)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18J (39)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_quad (WFC3UVI S.im.1005393)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10	Sequence 1-12 Non-Int in Saturn_18J (39) Pattern 3, Exps 4-4 in Sequence 1-12 Non-Int in Saturn_18J (39) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.1005344)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A		Sequence 1-12 Non-Int in Saturn_18J (39)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.1005339)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A		Sequence 1-12 Non-Int in Saturn_18J (39)	7 Secs (7 Secs) [==>]	[1]
	7	F658N (WFC3UVI S.im.1005351)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F658N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18J (39)	20 Secs (20 Secs) [==>]	[1]
	8	F275W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18J (39) Pattern 2, Exps 8-8 in Sequence 1-12 Non-Int in Saturn_18J (39) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F343N (WFC3UVI S.im.1005334)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18J (39)	20 Secs (20 Secs) [==>]	[1]
	10	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18J (39) Pattern 2, Exps 10-10 in Sequence 1-12 Non-Int in Saturn_18J (39) (2)	45 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18J (39)	45 Secs (45 Secs) [==>]	[1]
12	F631N (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO		Sequence 1-12 Non-Int in Saturn_18J (39)	15 Secs (15 Secs) [==>]	[1]	



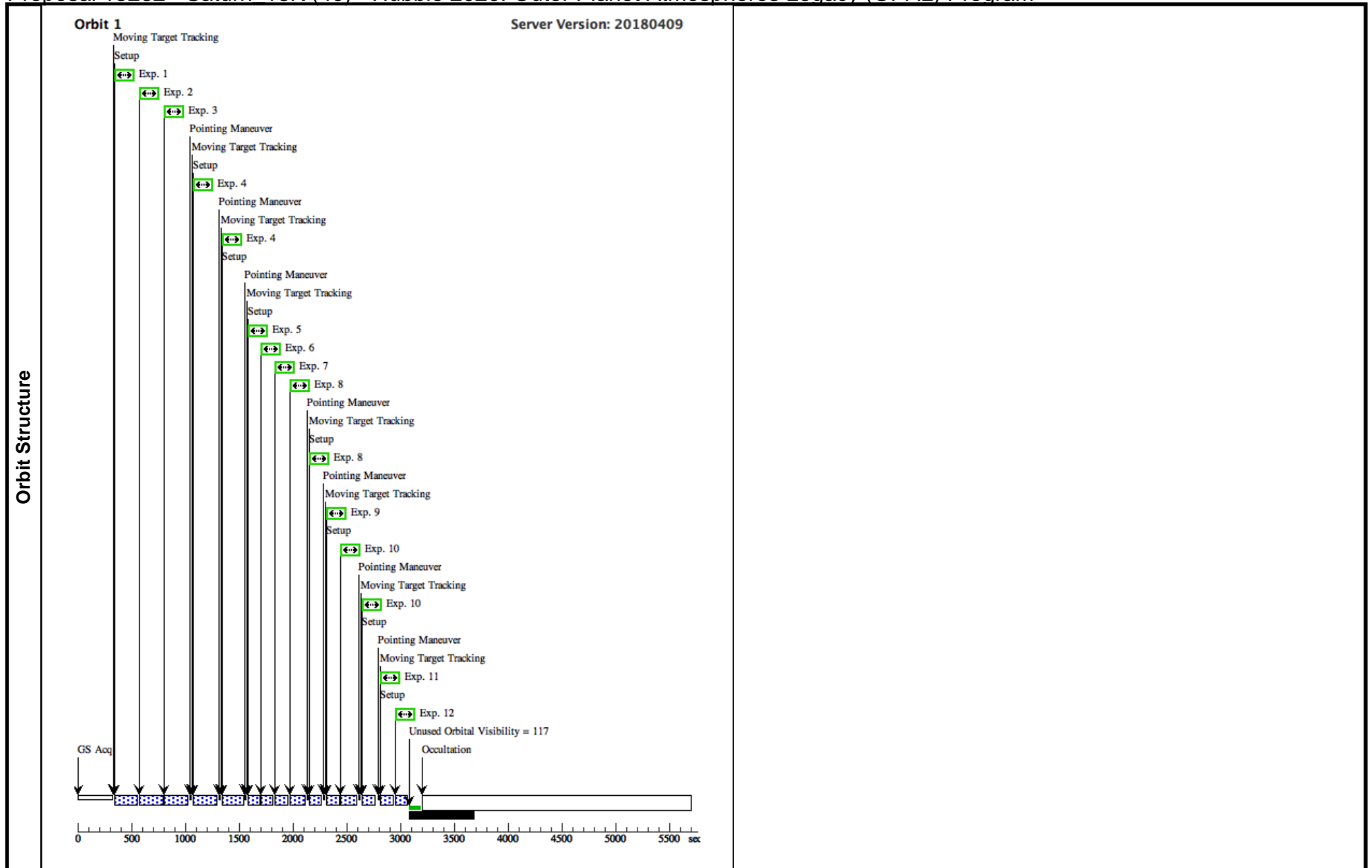
Proposal 15262 - Saturn 18K (40) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Saturn_18K (40), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 39 BY 0.9 Orbits TO 1.1 Orbits							
	Diagnostics	(F631N_2K (40.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N_2K (40.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N_2K (40.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (40.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (40.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant. (F763M (40.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (40.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (40.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (40.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (40.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (40.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (40.011)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (40.012)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
Patterns		#	Primary Pattern		Secondary Pattern		Exposures	
		(2)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(8), (10)	
(3)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(4)		
Solar System Targets		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
		(2)	SATURN-MAPS	STD=SATURN				NOT ECL P PARTIAL OF SATURN- EARTH MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"
Comments: Description=Saturn global Maps Extended=YES								

Proposal 15262 - Saturn 18K (40) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18K (40)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18K (40)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.100533 7)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18K (40)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_qua dD (WFC3UVI S.im.100539 3)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10 Sequence 1-12 Non-Int in Saturn_18K (40) Pattern 3, Exps 4-4 i n Sequence 1-12 No n-Int in Saturn_18K (40) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.100534 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A	Sequence 1-12 Non-Int in Saturn_18K (40)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.100533 9)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A	Sequence 1-12 Non-Int in Saturn_18K (40)	7 Secs (7 Secs) [==>]	[1]
	7	F658N (WFC3UVI S.im.100535 1)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F658N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18K (40)	20 Secs (20 Secs) [==>]	[1]
	8	F275W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18K (40) Pattern 2, Exps 8-8 i n Sequence 1-12 No n-Int in Saturn_18K (40) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F343N (WFC3UVI S.im.100533 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18K (40)	20 Secs (20 Secs) [==>]	[1]
	10	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18K (40) Pattern 2, Exps 10-1 0 in Sequence 1-12 Non-Int in Saturn_18 K (40) (2)	45 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18K (40)	45 Secs (45 Secs) [==>]	[1]
	12	F631N (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18K (40)	15 Secs (15 Secs) [==>]	[1]



Proposal 15262 - Gyro Bias Update (56) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

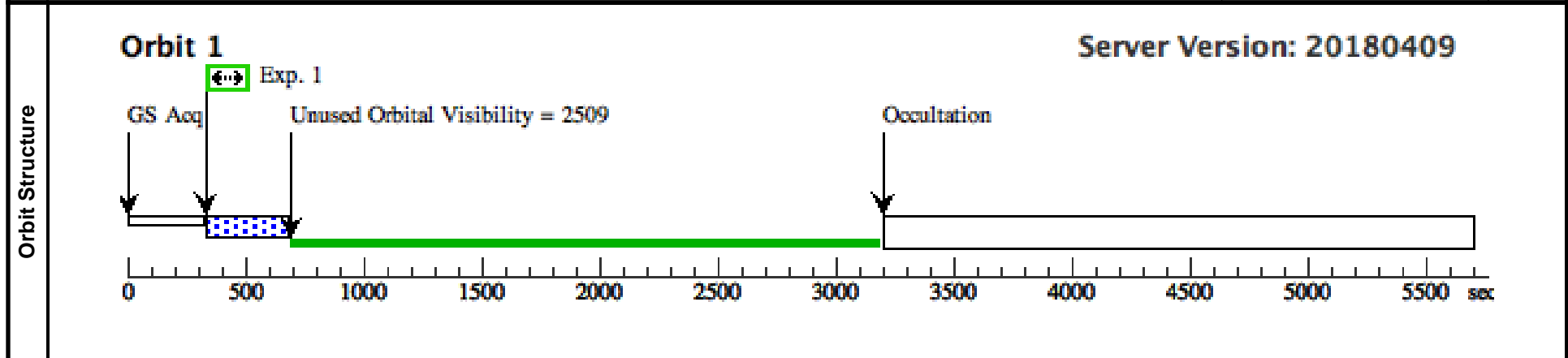
Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Gyro Bias Update (56), completed						
	Diagnostic Status: No Diagnostics						
	Scientific Instruments: S/C						
	Special Requirements: NOTRACK; AFTER 40 BY 0.9 Orbits TO 1.1 Orbits						

Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
		(2)	SATURN-MAPS	STD=SATURN			NOT ECL P PARTIAL OF SATURN- MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"

*Comments: Description=Saturn global Maps
Extended=YES*

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1		(2) SATURN-MAPS	S/C, POINTING, V1			SAA CONTOUR 02		360.0 Secs (360 Secs)
									[==>]	[1]



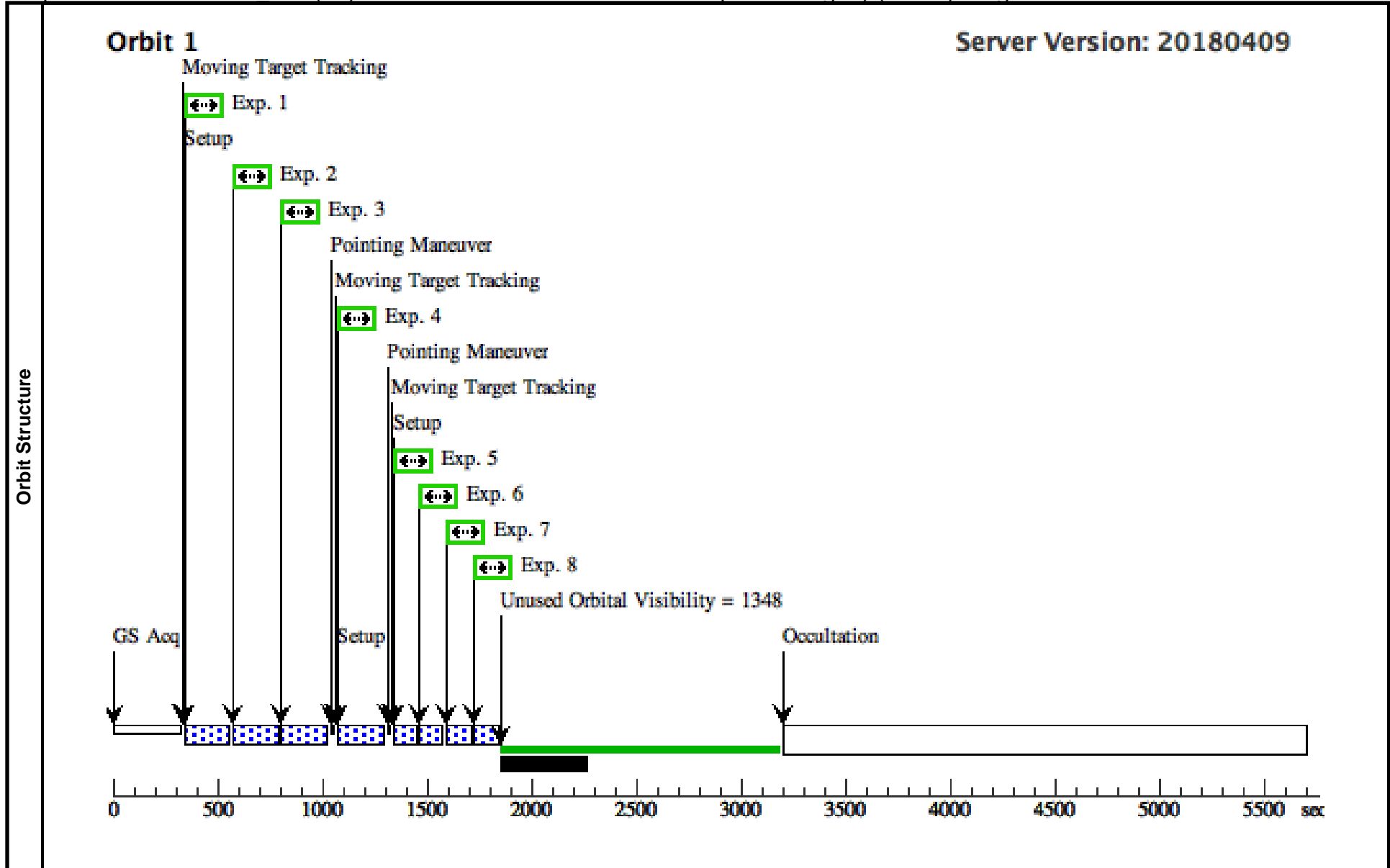
Proposal 15262 - Saturn 18L (41) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	<p>Proposal 15262, Saturn_18L (41), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: AFTER 56 BY 0 Orbits TO 0.5 Orbits</p>					
	<p>(F631N_2K (41.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F502N_2K (41.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F395N_2K (41.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727_quadD (41.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(FQ727_quadD (41.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.</p> <p>(F763M (41.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F467M (41.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F275W (41.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(F343N (41.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>					
Diagnostics						
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(2)	SATURN-MAPS	STD=SATURN			NOT ECL P PARTIAL OF SATURN- MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"
<p><i>Comments: Description=Saturn global Maps</i></p> <p><i>Extended=YES</i></p>						

Proposal 15262 - Saturn 18L (41) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18L (41)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18L (41)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.100533 7)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18L (41)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_qua dD (WFC3UVI S.im.100539 3)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10		Sequence 1-8 Non-Int in Saturn_18L (41)	30 Secs (30 Secs) [==>]	[1]
	5	F763M (WFC3UVI S.im.100534 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A			Sequence 1-8 Non-Int in Saturn_18L (41)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.100533 9)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A			Sequence 1-8 Non-Int in Saturn_18L (41)	7 Secs (7 Secs) [==>]	[1]
	7	F275W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18L (41)	30 Secs (30 Secs) [==>]	[1]
	8	F343N (WFC3UVI S.im.100533 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO			Sequence 1-8 Non-Int in Saturn_18L (41)	20 Secs (20 Secs) [==>]	[1]



Proposal 15262 - Saturn 18M (42) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

Mon Sep 17 18:01:39 GMT 2018

Visit	Proposal 15262, Saturn_18M (42), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 56 BY 0.9 Orbits TO 1.1 Orbits																			
	Diagnostics	(F631N_2K (42.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N_2K (42.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N_2K (42.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (42.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727_quadD (42.004)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant. (F763M (42.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F467M (42.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F658N (42.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (42.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (42.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (42.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (42.011)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (42.012)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser																		
Patterns		<table border="1"> <thead> <tr> <th>#</th> <th>Primary Pattern</th> <th>Secondary Pattern</th> <th>Exposures</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td> Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(8), (10)</td> </tr> <tr> <td>(3)</td> <td> Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(4)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(8), (10)	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(4)						
		#	Primary Pattern	Secondary Pattern	Exposures															
(2)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(8), (10)																
(3)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.725 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(4)																
Solar System Targets		<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>SATURN-MAPS</td> <td>STD=SATURN</td> <td></td> <td></td> <td>NOT ECL P PARTIAL OF SATURN-MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"</td> <td>EARTH</td> </tr> </tbody> </table>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center	(2)	SATURN-MAPS	STD=SATURN			NOT ECL P PARTIAL OF SATURN-MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"	EARTH	Comments: Description=Saturn global Maps Extended=YES			
		#	Name	Level 1	Level 2	Level 3	Window	Ephem Center												
(2)		SATURN-MAPS	STD=SATURN			NOT ECL P PARTIAL OF SATURN-MAPS BY TITAN FROM EARTH, SEP OF SATURN-MAPS RHEA FROM EARTH GT 10", SEP OF SATURN-MAPS TITAN FROM EARTH GT 10"	EARTH													

Proposal 15262 - Saturn 18M (42) - Hubble 2020: Outer Planet Atmospheres Legacy (OPAL) Program

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F631N_2K (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F631N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18M (4 2)	15 Secs (15 Secs) [==>]	[1]
	2	F502N_2K (WFC3UVI S.im.712369)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F502N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18M (4 2)	23 Secs (23 Secs) [==>]	[1]
	3	F395N_2K (WFC3UVI S.im.100533 7)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F395N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18M (4 2)	40 Secs (40 Secs) [==>]	[1]
	4	FQ727_qua dD (WFC3UVI S.im.100539 3)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,10 Sequence 1-12 Non-Int in Saturn_18M (4 2) Pattern 3, Exps 4-4 i n Sequence 1-12 No n-Int in Saturn_18M (42) (3)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F763M (WFC3UVI S.im.100534 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F763M	CR-SPLIT=NO; BLADE=A	Sequence 1-12 Non-Int in Saturn_18M (4 2)	2 Secs (2 Secs) [==>]	[1]
	6	F467M (WFC3UVI S.im.100533 9)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F467M	CR-SPLIT=NO; BLADE=A	Sequence 1-12 Non-Int in Saturn_18M (4 2)	7 Secs (7 Secs) [==>]	[1]
	7	F658N (WFC3UVI S.im.100535 1)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F658N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18M (4 2)	20 Secs (20 Secs) [==>]	[1]
	8	F275W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18M (4 2) Pattern 2, Exps 8-8 i n Sequence 1-12 No n-Int in Saturn_18M (42) (2)	30 Secs (60 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F343N (WFC3UVI S.im.100533 4)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18M (4 2)	20 Secs (20 Secs) [==>]	[1]
	10	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18M (4 2) Pattern 2, Exps 10-1 0 in Sequence 1-12 Non-Int in Saturn_18 M (42) (2)	45 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F225W	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18M (4 2)	45 Secs (45 Secs) [==>]	[1]
	12	F631N (WFC3UVI S.im.712372)	(2) SATURN-MAPS	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	Sequence 1-12 Non-Int in Saturn_18M (4 2)	15 Secs (15 Secs) [==>]	[1]

