



17414 - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Cycle: 31, Proposal Category: GO

(UV Initiative, Treasury)

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
Dr. Laura Kreidberg (PI) (ESA Member) (Contact)	Max Planck Institute for Astronomy
Dr. Drake Deming (CoI) (CoPI) (AdminUSPI)	University of Maryland
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Prof. Lars A. Buchhave (CoI) (ESA Member)	Technical University of Denmark-DTU Space
Prof. Thomas K. Henning (CoI) (ESA Member)	Max Planck Institute for Astronomy
Dr. Jeff A. Valenti (CoI)	Space Telescope Science Institute
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Dr. David John Armstrong (CoI) (ESA Member)	University of Warwick
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Prof. Kevin France (CoI)	University of Colorado at Boulder
Dr. Thomas Evans-Soma (CoI)	University of Newcastle
Dr. Ryan Cloutier (CoI) (CSA Member)	McMaster University
Prof. Eliza M.-R. Kempton (CoI)	University of Chicago
Dr. Joseph E. Rodriguez Jr. (CoI)	Michigan State University
Prof. David Charbonneau (CoI)	Harvard University
Dr. Ian Crossfield (CoI)	University of Kansas Center for Research, Inc.
Dr. Evgenya L. Shkolnik (CoI)	Arizona State University
Dr. Rob Zellem (CoI)	NASA Goddard Space Flight Center

Proposal 17414 (STScI Edit Number: 32, Created: Tuesday, December 23, 2025, 1:03:12PM Eastern Standard Time) - Overview

Name	Institution
Prof. Jonathan Fortney (CoI)	University of California - Santa Cruz
Prof. Keivan G. Stassun (CoI)	Vanderbilt University
David W Latham (CoI)	Smithsonian Institution Astrophysical Observatory
Dr. Kevin Stevenson (CoI)	The Johns Hopkins University Applied Physics Laboratory
Dr. Leslie Rogers (CoI)	University of Chicago
Dr. Johanna Teske (CoI)	Carnegie Institution of Washington
Prof. Stephen Kane (CoI)	University of California - Riverside
Dr. Tansu Daylan (CoI)	Washington University in St. Louis
Dr. Jasmina Blečić (CoI)	New York University
Dr. Mercedes Lopez-Morales (CoI)	Space Telescope Science Institute
Dr. Renyu Hu (CoI)	The Pennsylvania State University
Dr. Caroline Morley (CoI)	University of Texas at Austin
Prof. Seth Redfield (CoI)	Wesleyan University
Dr. Heather A. Knutson (CoI)	California Institute of Technology
Dr. Jennifer Burt (CoI)	Jet Propulsion Laboratory
Dr. Yui Kawashima (CoI)	Kyoto University
Dr. Paul Molliere (CoI) (ESA Member)	Max Planck Institute for Astronomy
Duncan Wright (CoI)	University of Southern Queensland
Prof. James Stewart Jenkins (CoI)	Universidad Diego Portales
Dr. Ilaria Carleo (CoI) (ESA Member)	INAF - Osservatorio Astrofisico di Torino,
Dr. Matthias Mallonn (CoI) (ESA Member)	Leibniz-Institut für Astrophysik Potsdam (AIP)
Eric Gaidos (CoI)	University of Hawaii
Prof. Eve J. Lee (CoI)	University of California - San Diego
Dr. Diana Dragomir (CoI)	University of New Mexico
Dr. Alessandro Sozzetti (CoI) (ESA Member)	INAF - Osservatorio Astrofisico di Torino
Dr. Karen Alicia Collins (CoI)	Smithsonian Institution Astrophysical Observatory
Prof. Davide Gandolfi (CoI) (ESA Member)	University of Torino
Prof. Sara Seager (CoI)	Massachusetts Institute of Technology
Dr. Norio Narita (CoI)	University of Tokyo
Dr. Maximilian N. Guenther (CoI) (ESA Member)	European Space Agency - ESTEC
Dr. Thomas G. Beatty (CoI)	University of Wisconsin - Madison
Dr. Thomas Barclay (CoI)	NASA Goddard Space Flight Center

Proposal 17414 (STScI Edit Number: 32, Created: Tuesday, December 23, 2025, 1:03:12PM Eastern Standard Time) - Overview

Name	Institution
Dr. Mayuko Mori (CoI)	Astrobiology Center of NINS
Dr. Nestor Espinoza (CoI)	Space Telescope Science Institute
Dr. Ludmila Carone (CoI) (ESA Member)	Space Research Institute, Austrian Academy of Sciences
Dr. Vincent Van Eylen (CoI) (ESA Member)	University College London
Dr. Bertram Bitsch (CoI) (ESA Member)	University College Cork
Dr. Natalie Batalha (CoI)	University of California - Santa Cruz
Dr. Courtney Dressing (CoI)	University of California - Berkeley
Dr. Antonio Garcia Munoz (CoI) (ESA Member)	Universite Paris-Saclay
Dr. Grzegorz Nowak (CoI) (ESA Member)	Nicolaus Copernicus University
Prof. Jason A. Dittmann (CoI)	University of Florida
Dr. Martin Kuerster (CoI) (ESA Member)	Thuringer Landessternwarte Tautenburg (TLS)
Prof. Bjorn Benneke (CoI)	University of California - Los Angeles
Dr. Maria E Steinrueck (CoI)	University of Chicago

VISITS

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
01	(1) TOI-1759	WFC3/IR	5	23-Dec-2025 13:01:01.0	yes
82	(1) TOI-1759	WFC3/IR	5	23-Dec-2025 13:01:11.0	yes
03	(1) TOI-1759	WFC3/IR	5	23-Dec-2025 13:01:21.0	yes
04	(1) TOI-1759	WFC3/IR	5	23-Dec-2025 13:01:28.0	yes
84	(1) TOI-1759	WFC3/IR	5	23-Dec-2025 13:01:36.0	yes
05	(1) TOI-1759	WFC3/IR	5	23-Dec-2025 13:01:46.0	yes
06	(1) TOI-1759	WFC3/IR	5	23-Dec-2025 13:01:55.0	yes
25	(1) TOI-1759	WFC3/IR	4	23-Dec-2025 13:02:01.0	yes
08	(2) TOI-178	WFC3/IR	4	23-Dec-2025 13:02:07.0	yes
09	(2) TOI-178	WFC3/IR	4	23-Dec-2025 13:02:12.0	yes
14	(3) TOI-1410	WFC3/IR	4	23-Dec-2025 13:02:17.0	yes
15	(3) TOI-1410	WFC3/IR	4	23-Dec-2025 13:02:22.0	yes

Proposal 17414 (STScI Edit Number: 32, Created: Tuesday, December 23, 2025, 1:03:12PM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
51	(3) TOI-1410	WFC3/IR	4	23-Dec-2025 13:02:27.0	yes
16	(3) TOI-1410	WFC3/IR	4	23-Dec-2025 13:02:32.0	yes
17	(3) TOI-1410	WFC3/IR	4	23-Dec-2025 13:02:37.0	yes
18	(3) TOI-1410	WFC3/IR	4	23-Dec-2025 13:02:42.0	yes
81	(3) TOI-1410	WFC3/IR	4	23-Dec-2025 13:02:47.0	yes
24	(3) TOI-1410	WFC3/IR	4	23-Dec-2025 13:02:52.0	yes
19	(1) TOI-1759	STIS/CCD STIS/FUV-MAMA	3	23-Dec-2025 13:02:54.0	yes
20	(1) TOI-1759	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	23-Dec-2025 13:02:55.0	yes
K1	(4) TOI-6478	STIS/CCD STIS/NUV-MAMA	3	23-Dec-2025 13:02:56.0	yes
K2	(4) TOI-6478	STIS/CCD STIS/NUV-MAMA	2	23-Dec-2025 13:02:56.0	yes
K3	(4) TOI-6478	STIS/CCD	1	23-Dec-2025 13:02:57.0	yes
21	(3) TOI-1410	STIS/CCD STIS/FUV-MAMA	3	23-Dec-2025 13:02:57.0	yes
83	(3) TOI-1410	STIS/CCD STIS/FUV-MAMA	3	23-Dec-2025 13:02:58.0	yes
22	(3) TOI-1410	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	23-Dec-2025 13:02:59.0	yes
D1	(4) TOI-6478	WFC3/IR	5	23-Dec-2025 13:03:05.0	yes
D2	(4) TOI-6478	WFC3/IR	5	23-Dec-2025 13:03:11.0	yes

109 Total Orbits Used

ABSTRACT

The HST-TESS Exoplanet Initiative (HTEI) was recently recommended by STScI to capitalize on the wealth of nearby sub-Neptunes discovered by the Transiting Exoplanet Survey Satellite (TESS). Even though sub-Neptunes are very common, there are still major open questions about how they form and evolve. Direct measurements of their atmospheric composition are a powerful tool to distinguish between different formation models. Fortunately, the abundance of new TESS discoveries provides an opportunity to systematically study sub-Neptune atmospheres for the first time. Here we propose a community-driven HTEI Program: SPACE (the Sub-neptune Planetary Atmosphere Characterization Experiment). The SPACE Program will combine UV stellar characterization with WFC3 transmission spectroscopy for eight sub-Neptune systems. The targets span a physically-motivated grid across planet radius (2 - 3.5 R_E) and temperature (300 - 1400 K), specifically designed to reveal how sub-Neptune atmospheres are shaped by UV photochemistry, equilibrium cloud formation, atmospheric metal enrichment, vertical mixing, and photoevaporation. The UV spectra are urgently needed because they are a crucial input for photochemistry and atmospheric escape models, and can only be obtained while HST is still operational. With these measurements, SPACE will extend HST's exoplanet legacy from hot Jupiters to the much more abundant sub-Neptunes, to rapidly establish demographic trends and identify cloud-free atmospheres for future follow-up of this exciting population.

OBSERVING DESCRIPTION

Transits of Sub-Neptunes

Proposal 17414 - TOI-1759 WFC3 V1 (01) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-1759_WFC3_V1 (01), completed Tue Dec 23 18:03:12 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 18.849975 D AND ZERO-PHASE HJD2458745.4661				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	TOI-1759	RA: 21 47 24.7902 (326.8532925d) Dec: +62 45 13.90 (62.75386d) Equinox: J2000	Proper Motion RA: -173.425 mas/yr Proper Motion Dec: -10.653999947862758 mas/yr Epoch of Position: 2000	V=10.0
Miscellaneous Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO					

Proposal 17414 - TOI-1759 WFC3 V1 (01) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

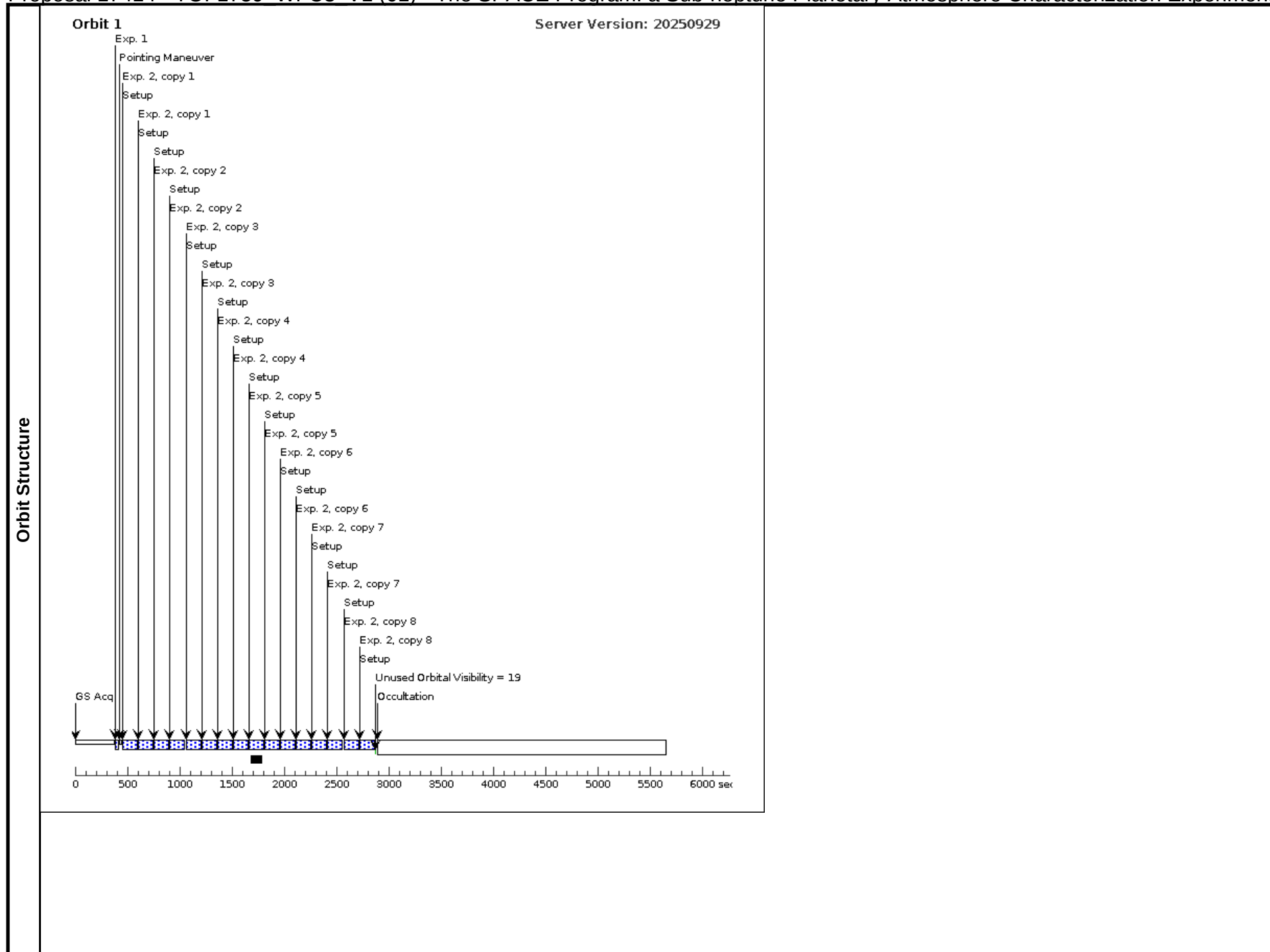
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) TOI-1759	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.9902 TO 0.9935	Sequence 1-2 Non-Int in TOI-1759_WFC3_V1 (01)	1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 1-2 Non-Int in TOI-1759_WFC3_V1 (01)	112.00801 Secs X 8 (1792.128 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[1]
	3		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 3-3 Non-Int in TOI-1759_WFC3_V1 (01)	112.00801 Secs X 8 (1792.128 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[2]

Proposal 17414 - TOI-1759 WFC3 V1 (01) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

4	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 4-4 Non-Int in TOI-1759_WFC3_V1 (01)	112.00801 Secs X 8 (1792.128 Secs)	[3]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	
5	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 5-5 Non-Int in TOI-1759_WFC3_V1 (01)	112.00801 Secs X 8 (1792.128 Secs)	[4]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	

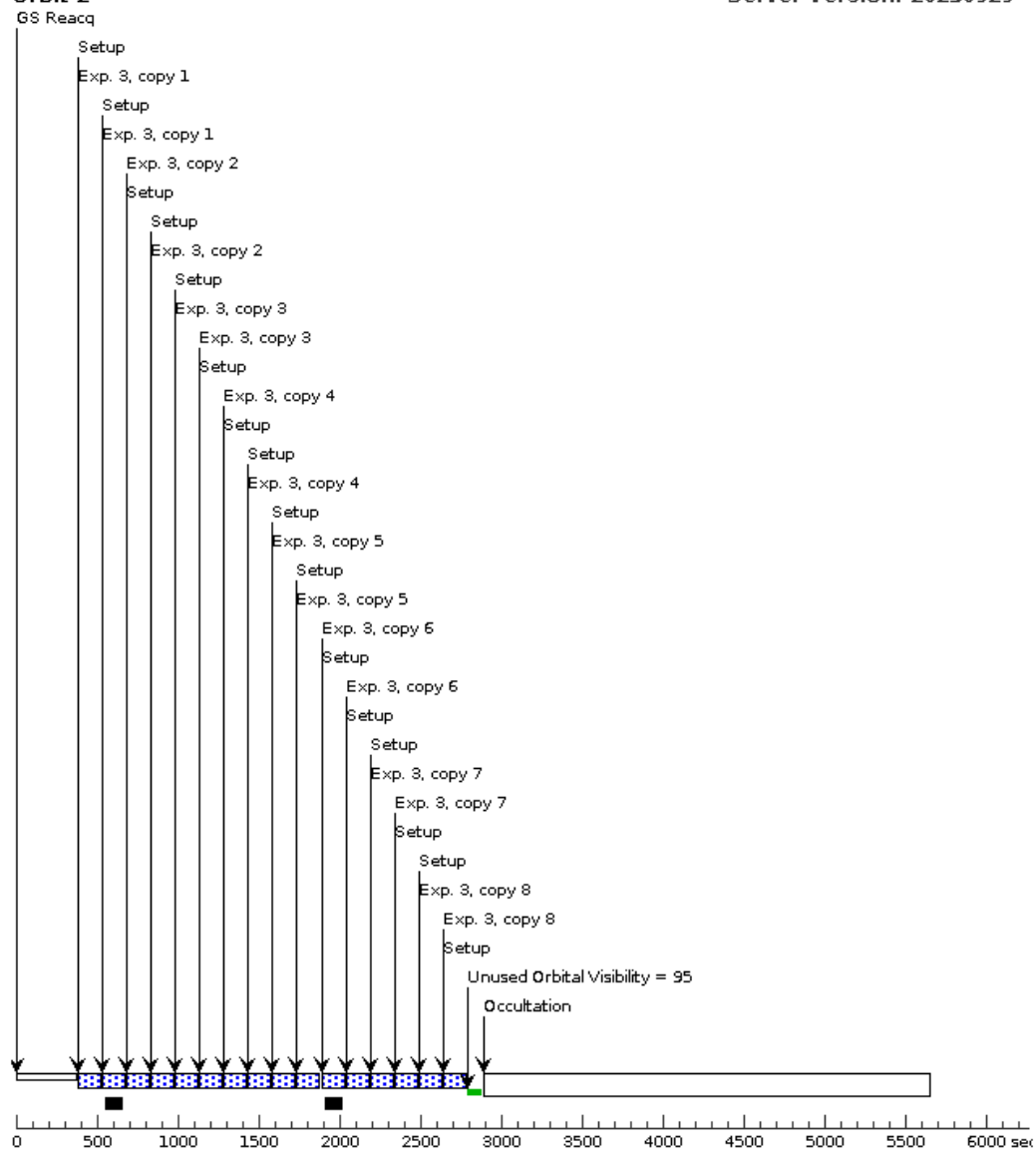
Proposal 17414 - TOI-1759 WFC3 V1 (01) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

6	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 6-6 Non-Int in TOI-1759_WFC3_V1 (01)	112.00801 Secs X 8 (1792.128 Secs)	
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[5]



Orbit 2

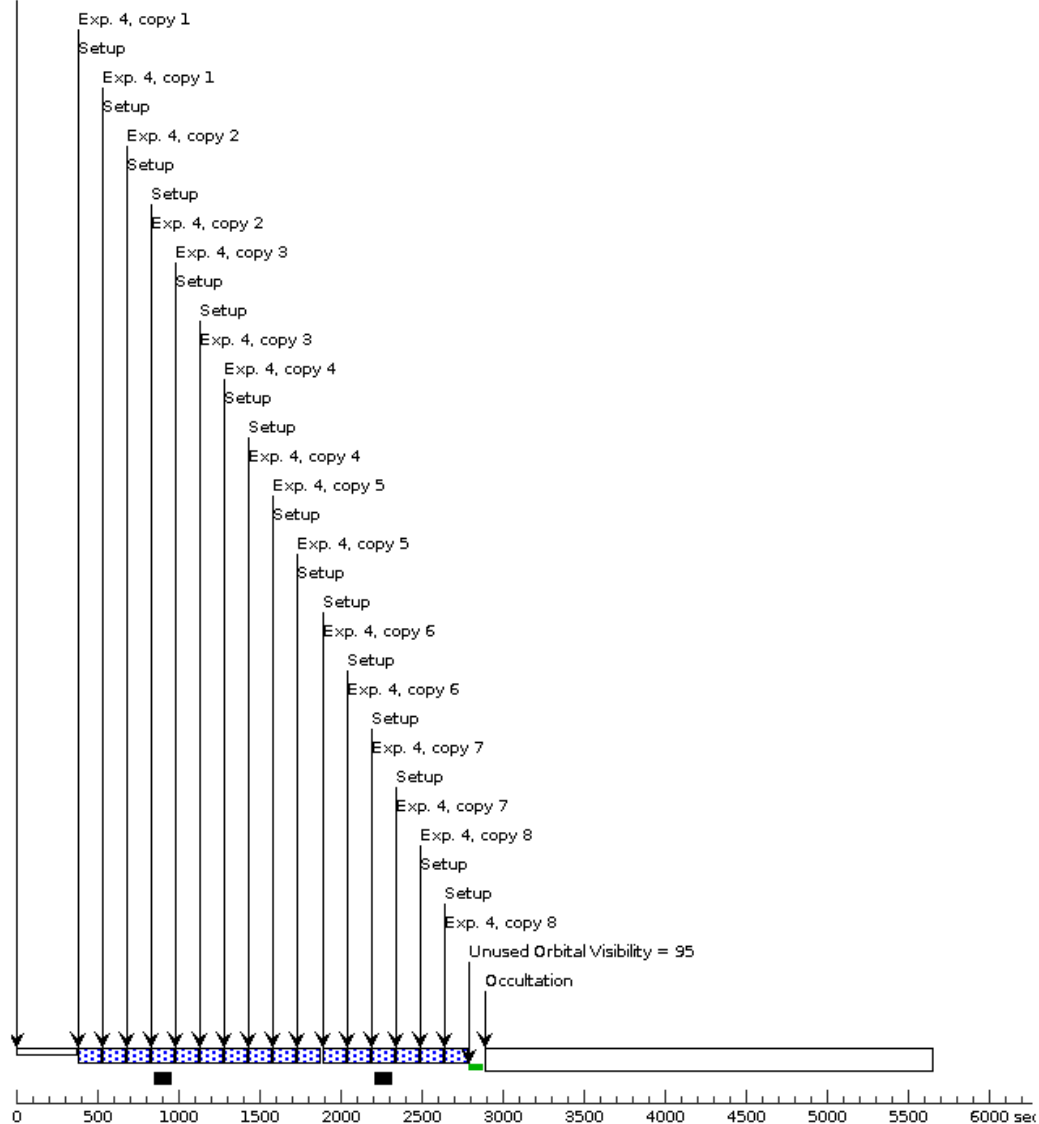
Server Version: 20250929



Orbit 3

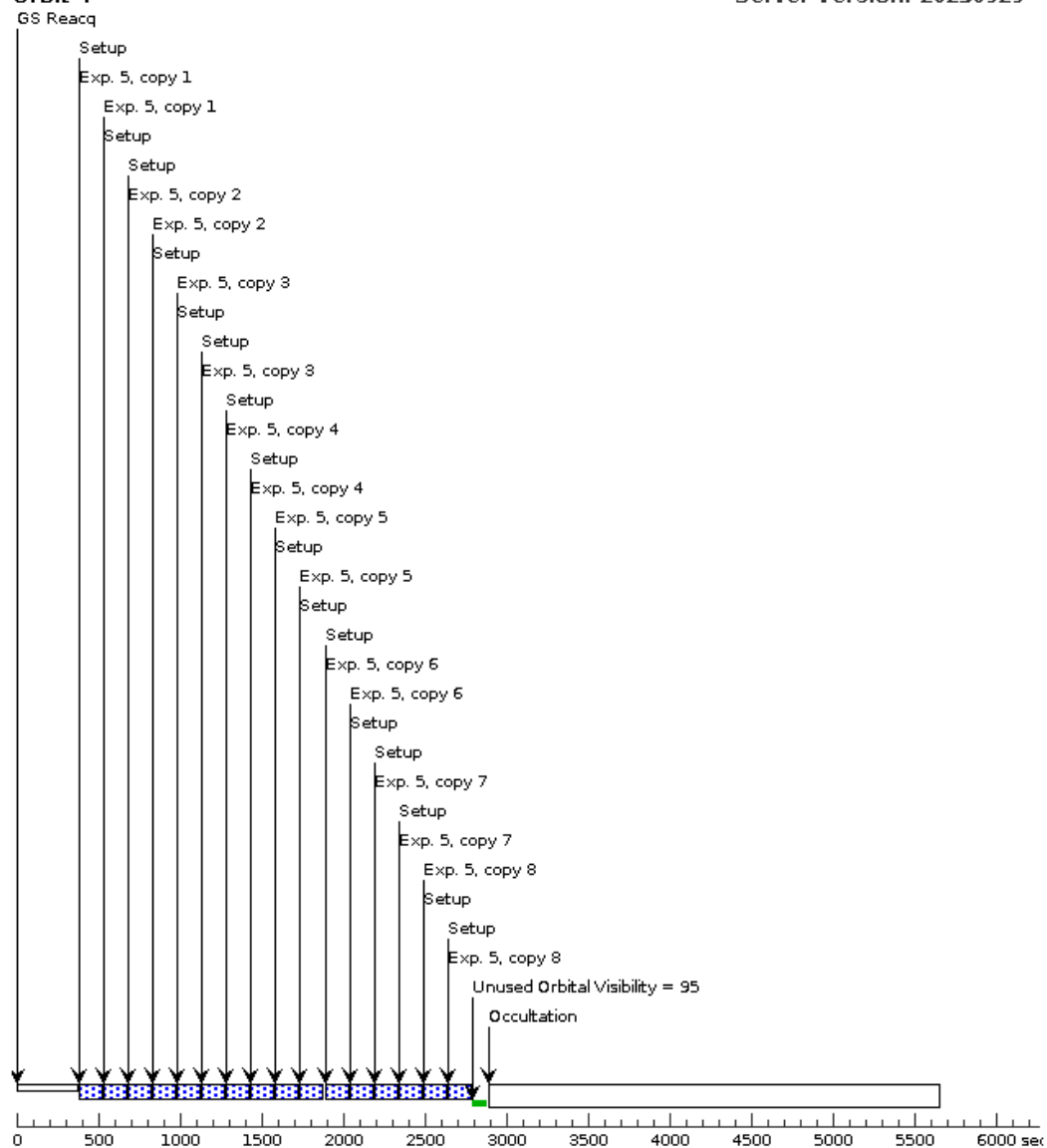
Server Version: 20250929

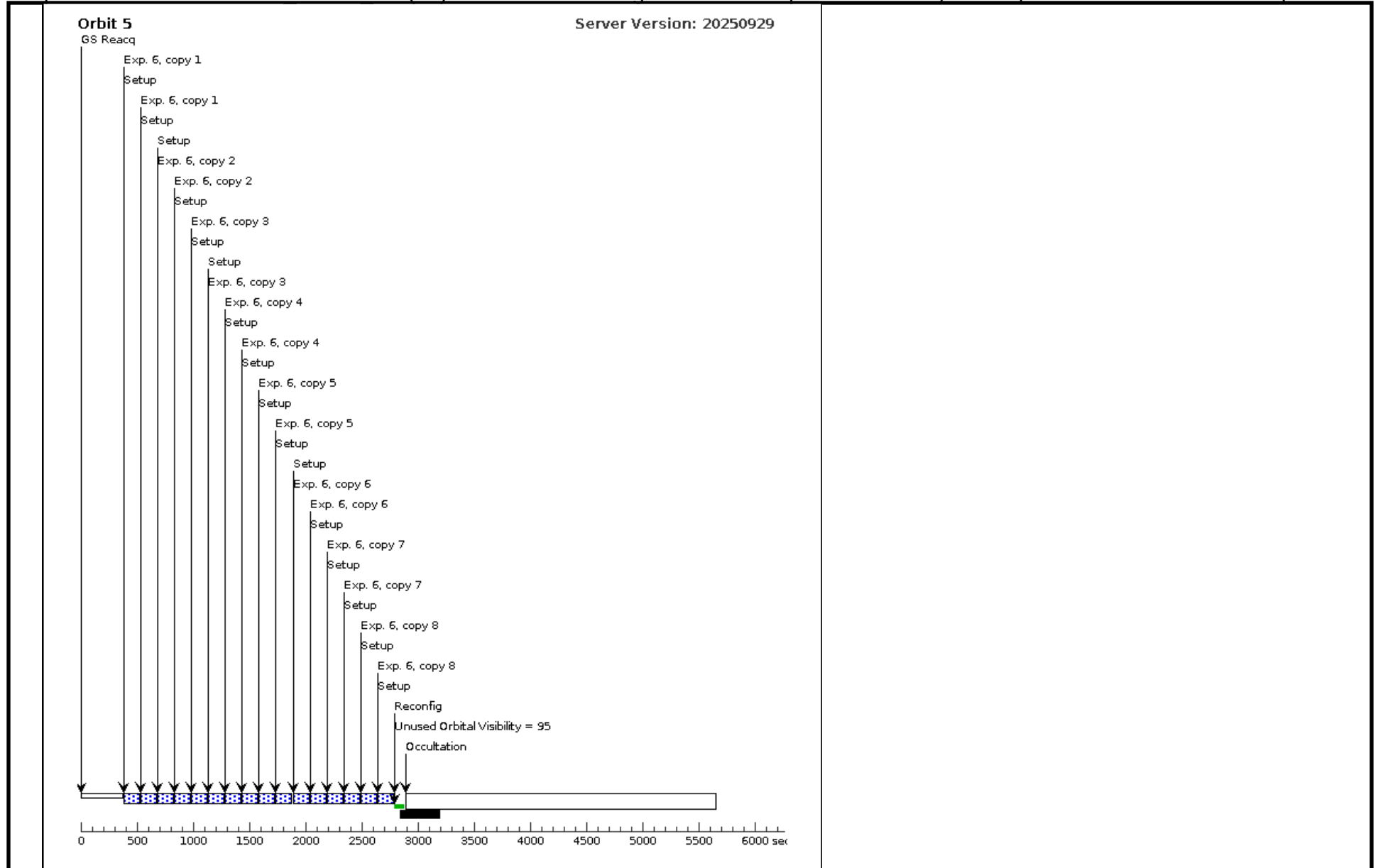
GS Reacq



Orbit 4

Server Version: 20250929





Proposal 17414 - TOI-1759 WFC3_V2 (82) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-1759_WFC3_V2 (82), completed Tue Dec 23 18:03:12 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 18.849975 D AND ZERO-PHASE HJD2458745.4661				
Diagnostics	(TOI-1759_WFC3_V2 (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (TOI-1759_WFC3_V2 (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (TOI-1759_WFC3_V2 (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	TOI-1759	RA: 21 47 24.7902 (326.8532925d) Dec: +62 45 13.90 (62.75386d) Equinox: J2000	Proper Motion RA: -173.425 mas/yr Proper Motion Dec: -10.653999947862758 mas/yr Epoch of Position: 2000	V=10.0 Reference Frame: ICRS
Fixed Targets	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO				

Proposal 17414 - TOI-1759 WFC3 V2 (82) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

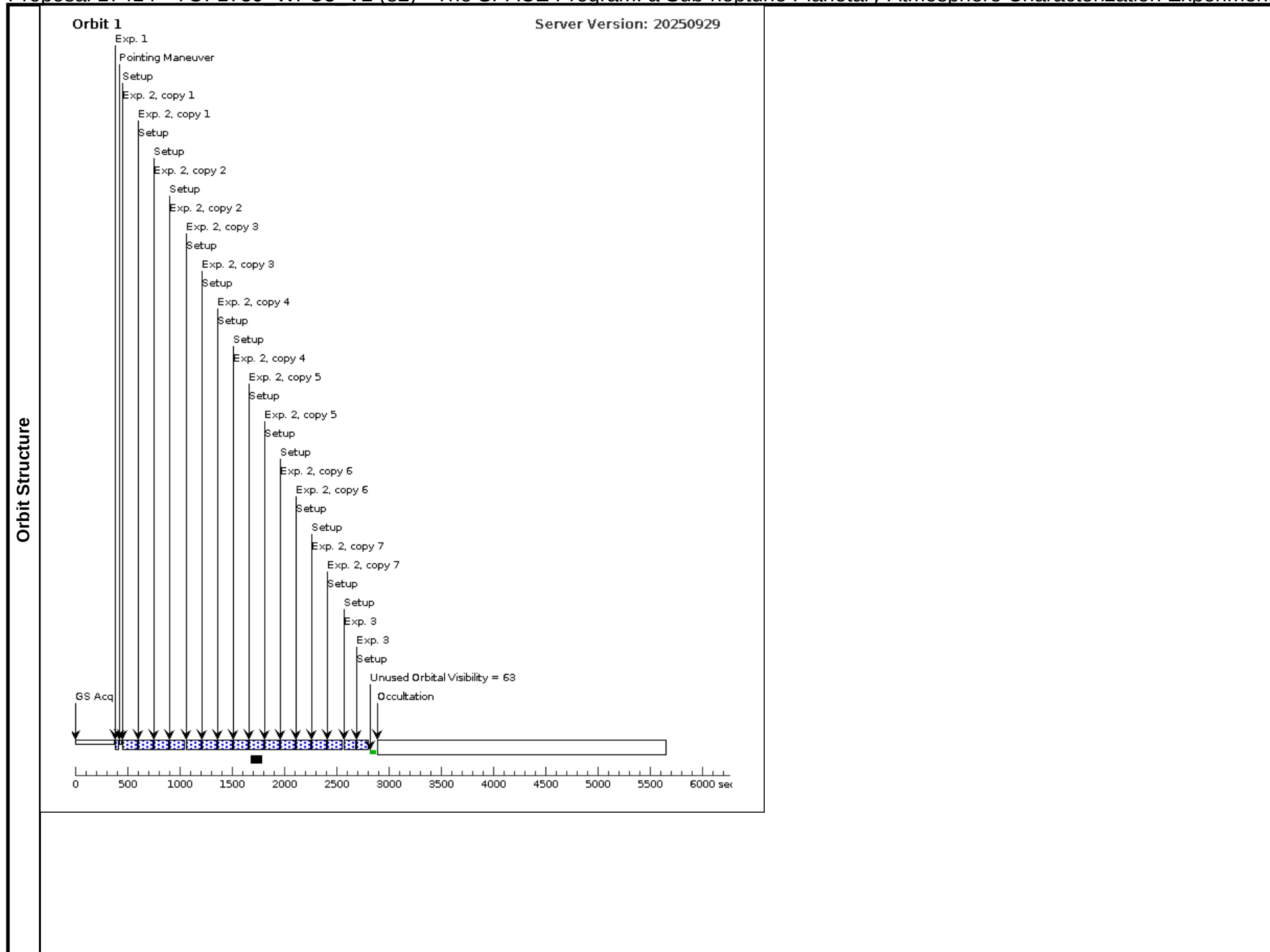
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) TOI-1759	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.9902 TO 0.9935		1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip	Sequence 2-3 Non-Int in TOI-1759_WFC3_V2 (82)	112.00801 Secs X 7 (1568.112 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)]	[1]
	3		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=5; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip	Sequence 2-3 Non-Int in TOI-1759_WFC3_V2 (82)	89.661971 Secs (179.324 Secs) [==>(Forward)] [==>(Reverse)]	[1]
	4		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip	Sequence 4-4 Non-Int in TOI-1759_WFC3_V2 (82)	112.00801 Secs X 8 (1792.128 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[2]

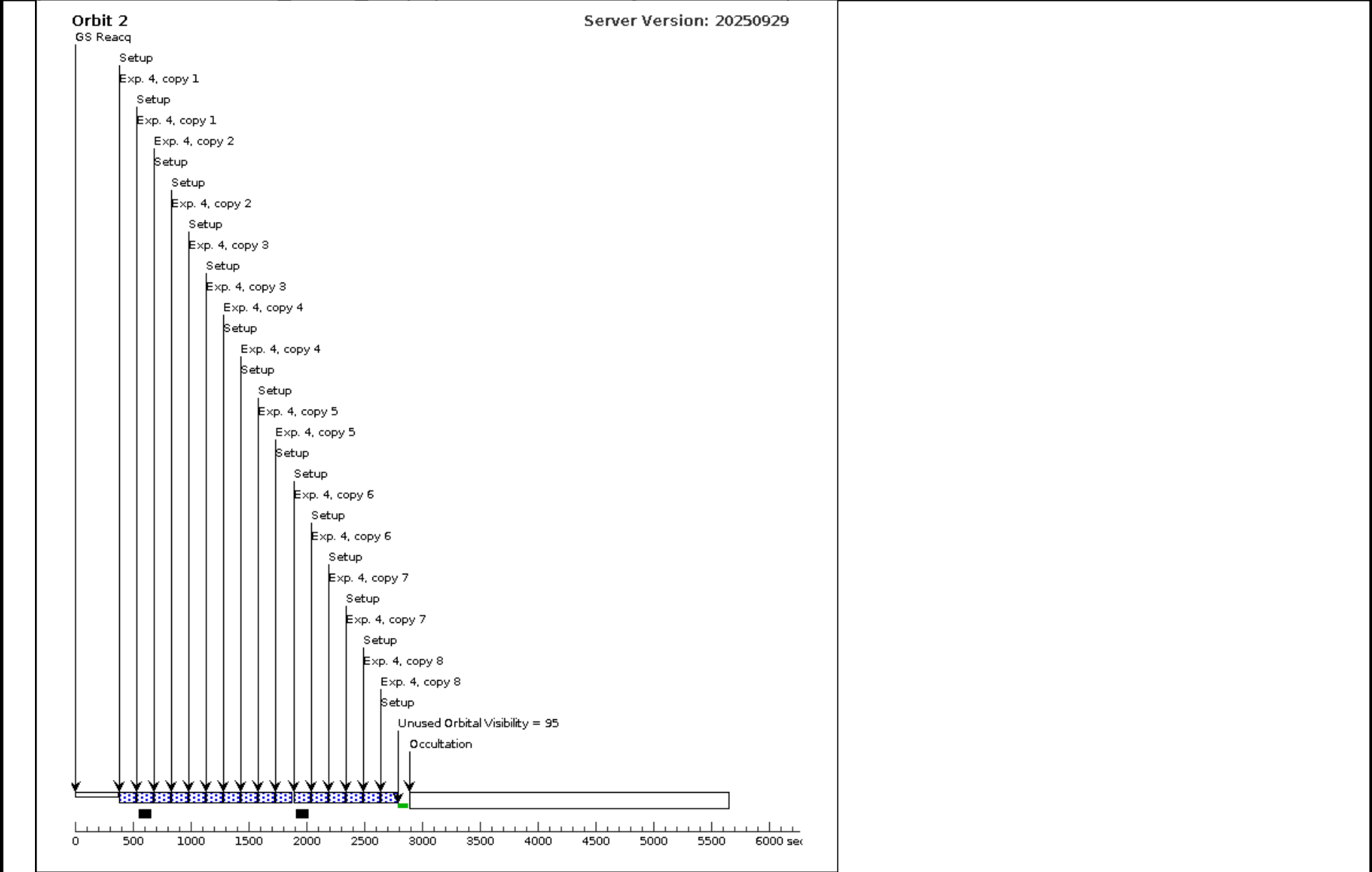
Proposal 17414 - TOI-1759 WFC3 V2 (82) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

5	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 5-6 Non-Int in TOI-1759_WFC3_V2 (82)	112.00801 Secs X 8 (1792.128 Secs)	[3]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	
6	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 5-6 Non-Int in TOI-1759_WFC3_V2 (82)	112.00801 Secs (112.008 Secs)	[3]
							[==>]	
7	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 7-8 Non-Int in TOI-1759_WFC3_V2 (82)	112.00801 Secs X 8 (1792.128 Secs)	[4]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	
8	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 7-8 Non-Int in TOI-1759_WFC3_V2 (82)	112.00801 Secs (112.008 Secs)	[4]
							[==>]	

Proposal 17414 - TOI-1759 WFC3 V2 (82) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

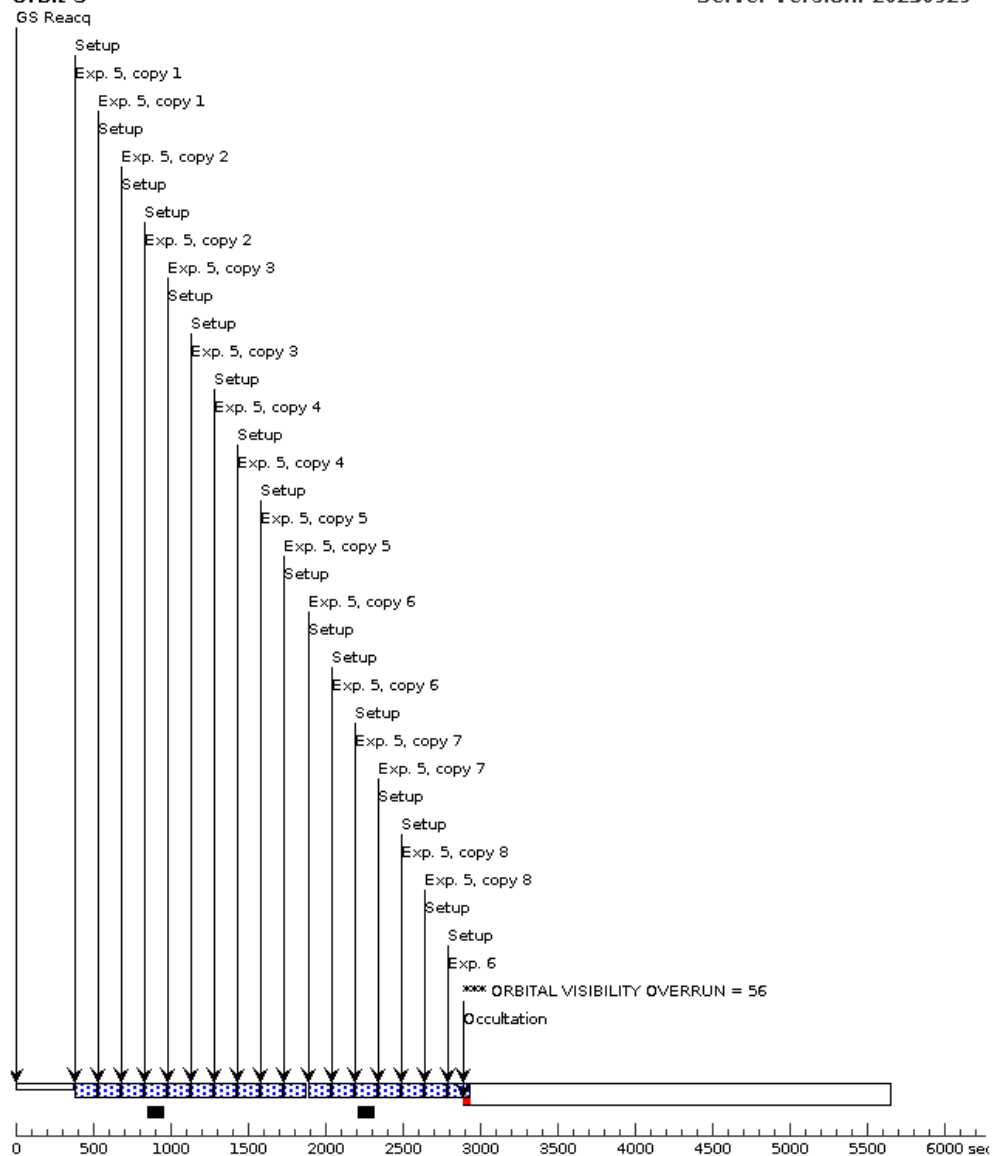
9	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 9-10 Non-Int in TOI-1759_WFC3_V2 (82)	112.00801 Secs X 8 (1792.128 Secs)	[5]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	
10	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 9-10 Non-Int in TOI-1759_WFC3_V2 (82)	112.00801 Secs (112.008 Secs)	[5]
							[==>]	





Orbit 3

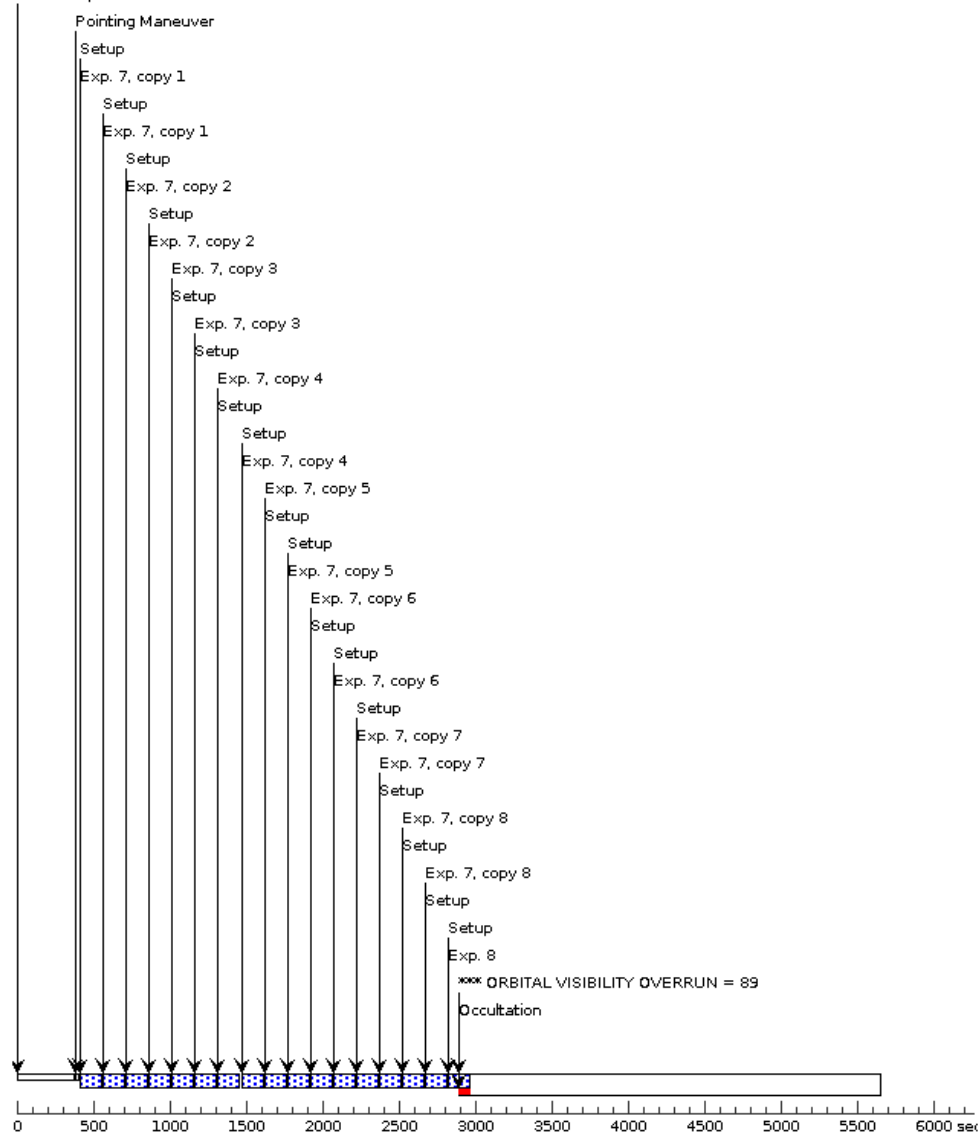
Server Version: 20250929

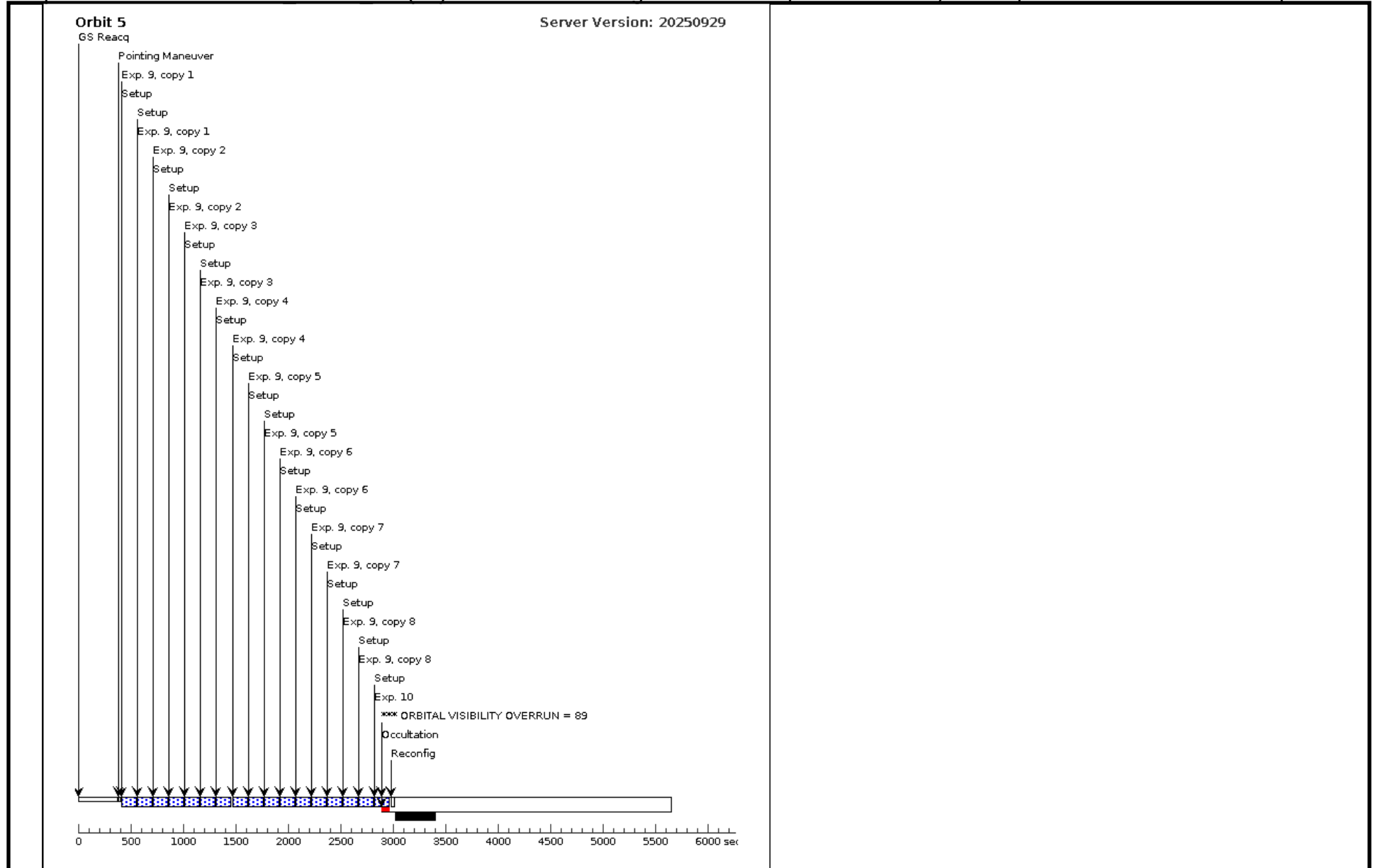


Orbit 4

Server Version: 20250929

GS Reacq





Proposal 17414 - TOI-1759 WFC3 V3 (03) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-1759_WFC3_V3 (03), failed Tue Dec 23 18:03:13 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 18.849975 D AND ZERO-PHASE HJD2458745.4661				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	TOI-1759	RA: 21 47 24.7902 (326.8532925d) Dec: +62 45 13.90 (62.75386d) Equinox: J2000	Proper Motion RA: -173.425 mas/yr Proper Motion Dec: -10.653999947862758 mas/yr Epoch of Position: 2000	V=10.0 Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO					

Proposal 17414 - TOI-1759 WFC3 V3 (03) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

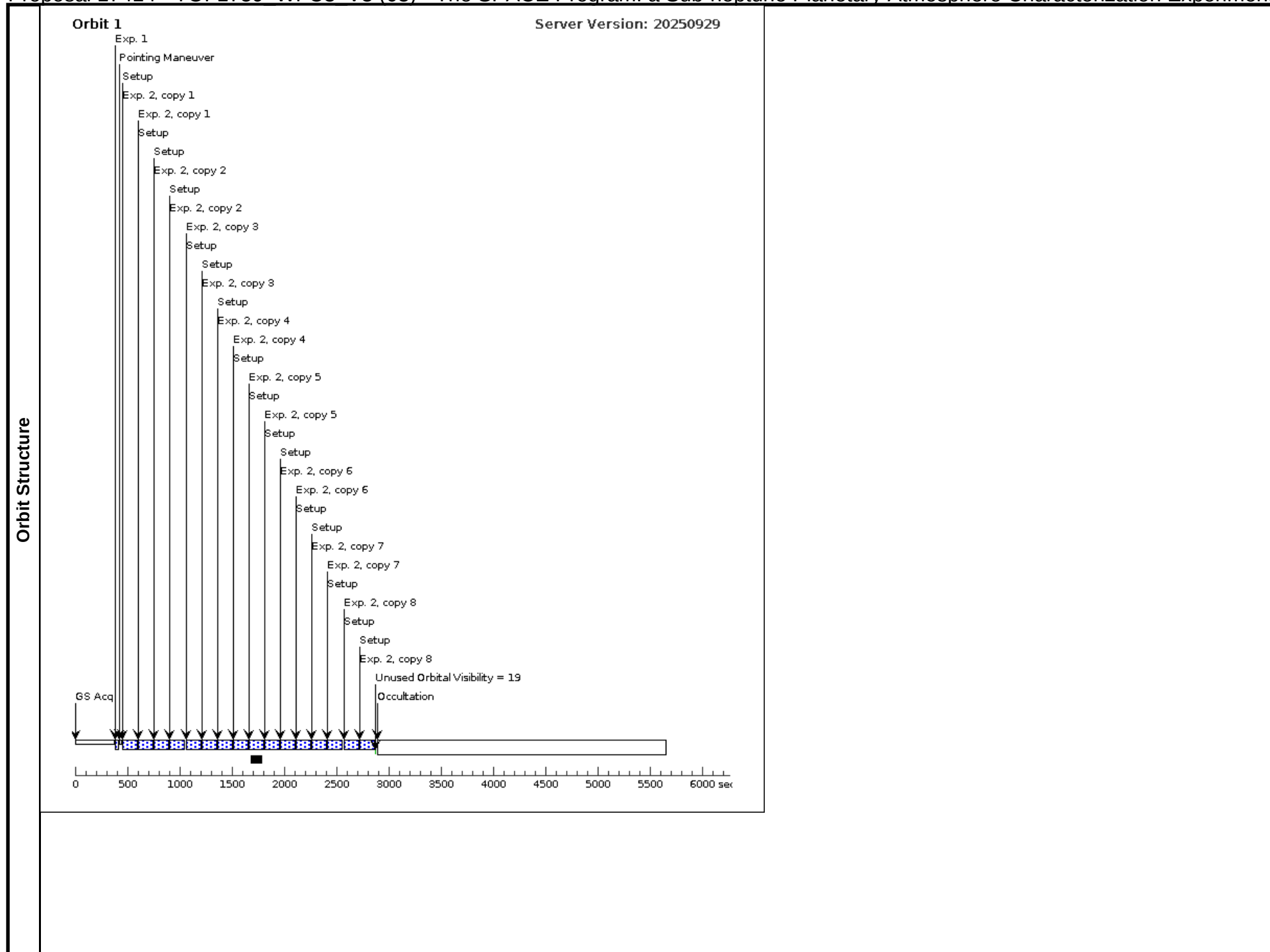
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) TOI-1759	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.9902 TO 0.9935	Sequence 1-2 Non-Int in TOI-1759_WFC3_V3 (03)	1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip	Sequence 1-2 Non-Int in TOI-1759_WFC3_V3 (03)	112.00801 Secs X 8 (1792.128 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[1]
	3		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip	Sequence 3-3 Non-Int in TOI-1759_WFC3_V3 (03)	112.00801 Secs X 8 (1792.128 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[2]

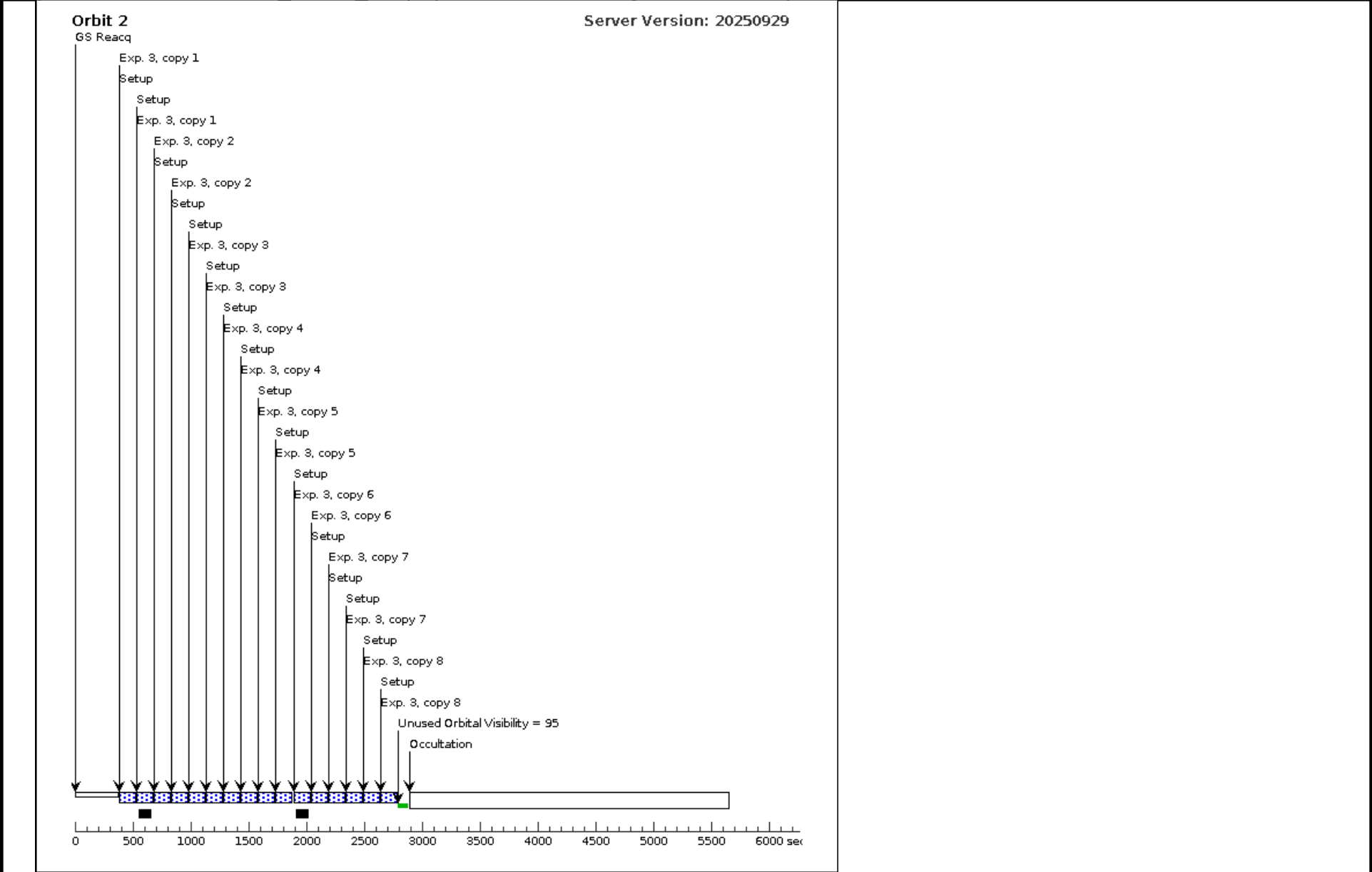
Proposal 17414 - TOI-1759 WFC3 V3 (03) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

4	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Roun d trip	Sequence 4-4 Non-In t in TOI-1759_WFC 3_V3 (03)	112.00801 Secs X 8 (1792.128 Secs)	[3]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	
5	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Roun d trip	Sequence 5-5 Non-In t in TOI-1759_WFC 3_V3 (03)	112.00801 Secs X 8 (1792.128 Secs)	[4]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	

Proposal 17414 - TOI-1759 WFC3 V3 (03) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

6	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 6-6 Non-Int in TOI-1759_WFC3_V3 (03)	112.00801 Secs X 8 (1792.128 Secs)	[5]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	

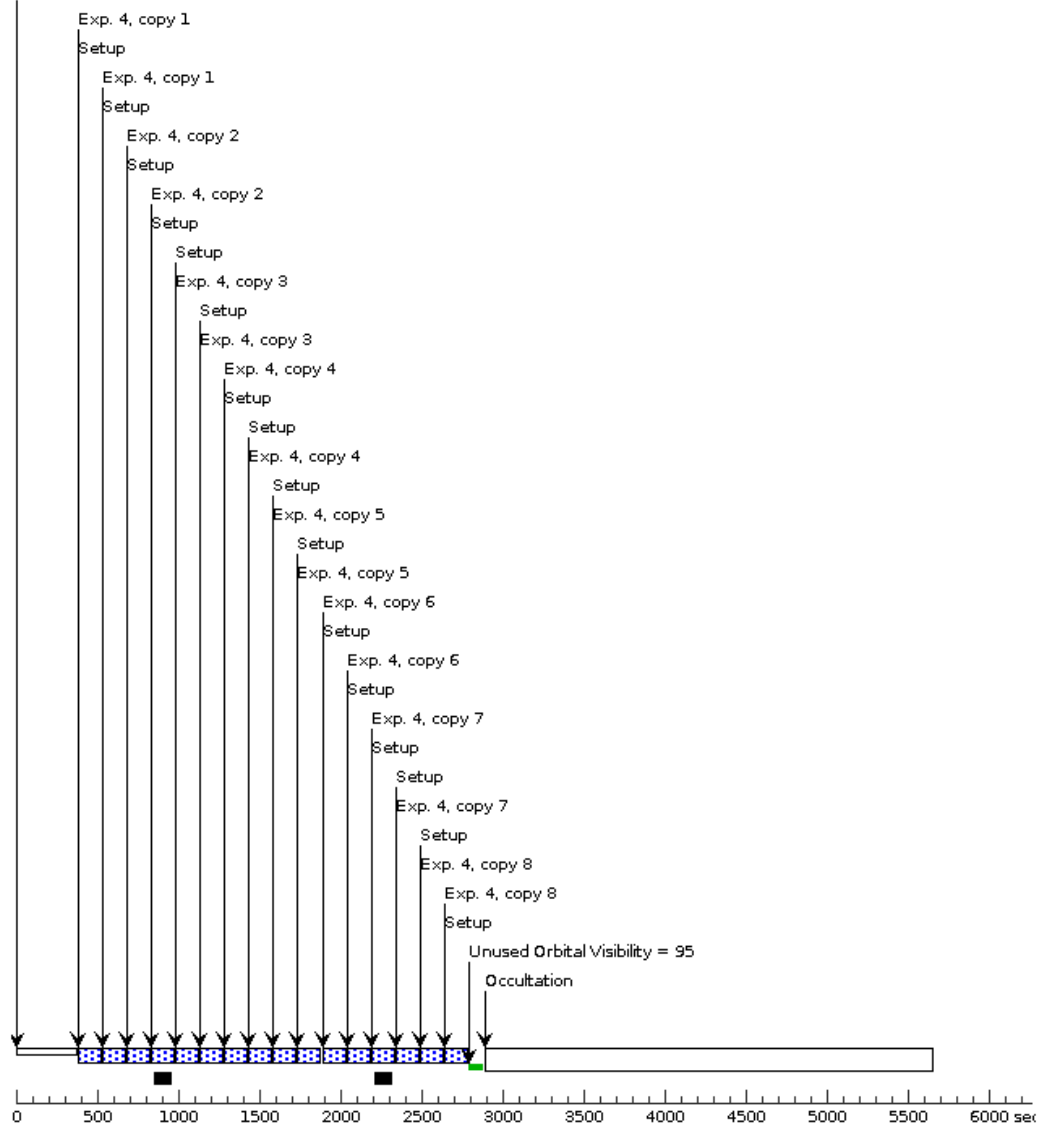


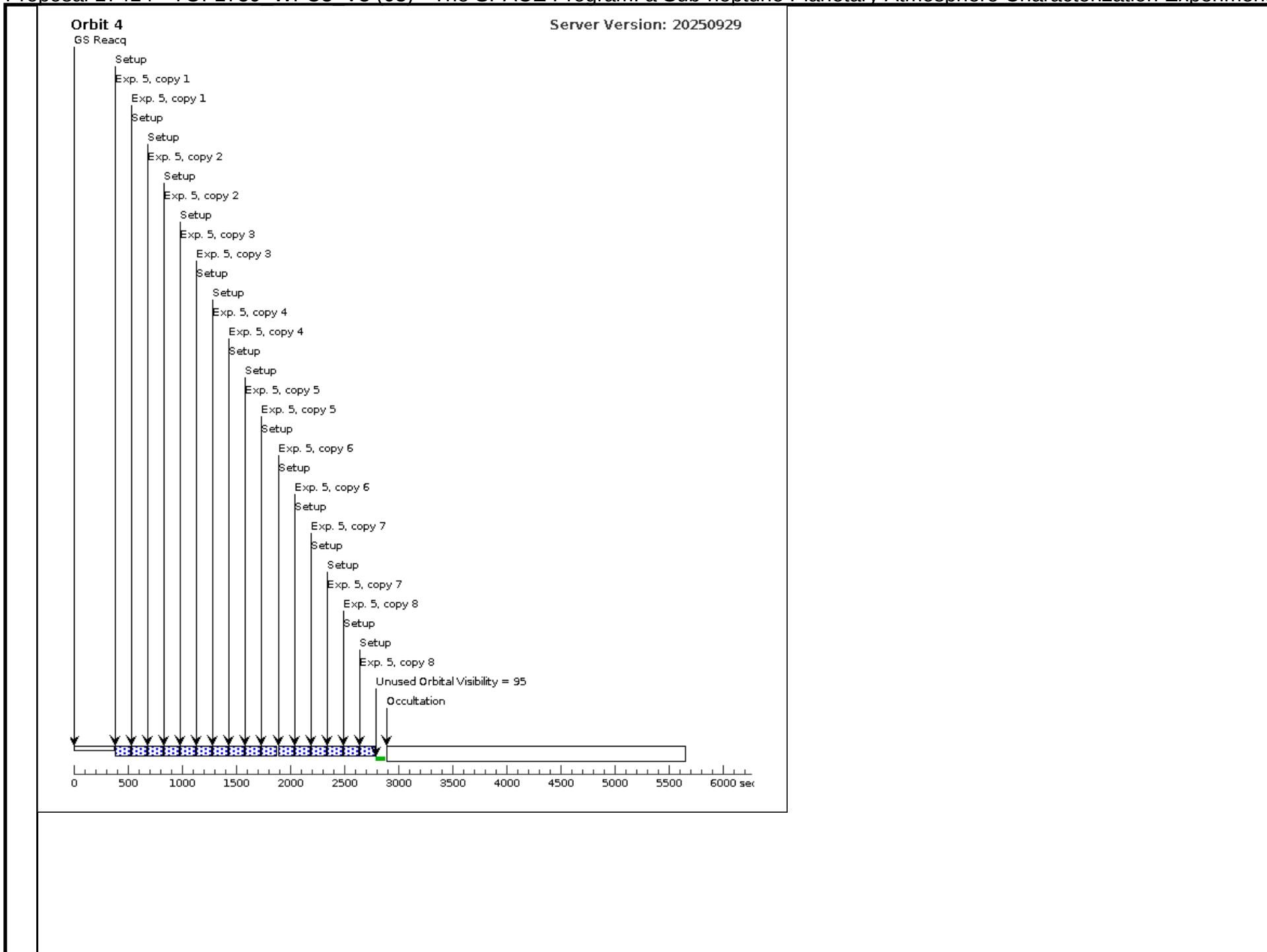


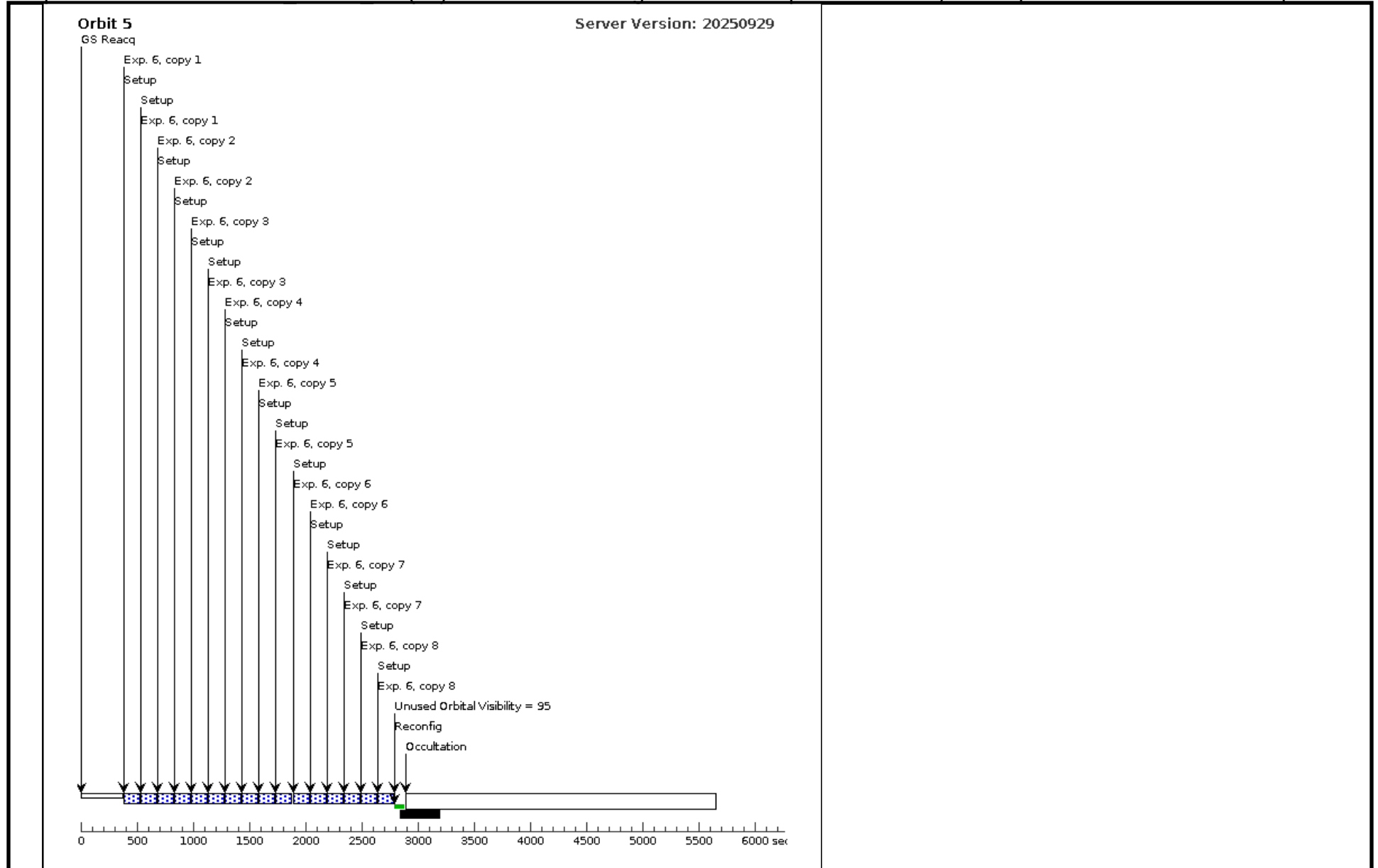
Orbit 3

Server Version: 20250929

GS Reacq







Proposal 17414 - TOI-1759 WFC3 V4 (04) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

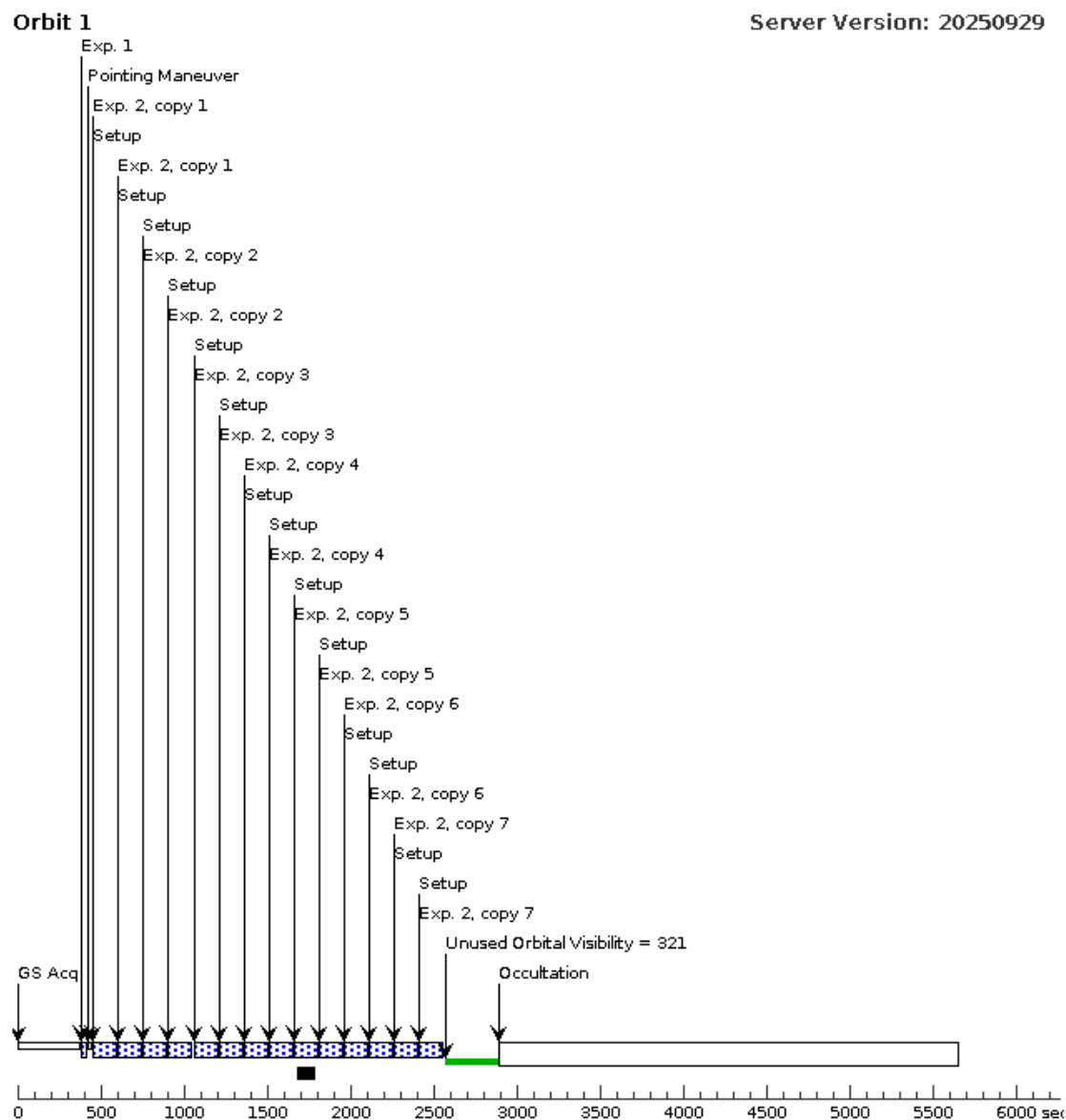
Visit	Proposal 17414, TOI-1759_WFC3_V4 (04), completed Tue Dec 23 18:03:13 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 18.849975 D AND ZERO-PHASE HJD2458745.4661				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	TOI-1759	RA: 21 47 24.7902 (326.8532925d) Dec: +62 45 13.90 (62.75386d) Equinox: J2000	Proper Motion RA: -173.425 mas/yr Proper Motion Dec: -10.653999947862758 mas/yr Epoch of Position: 2000	V=10.0 Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO					

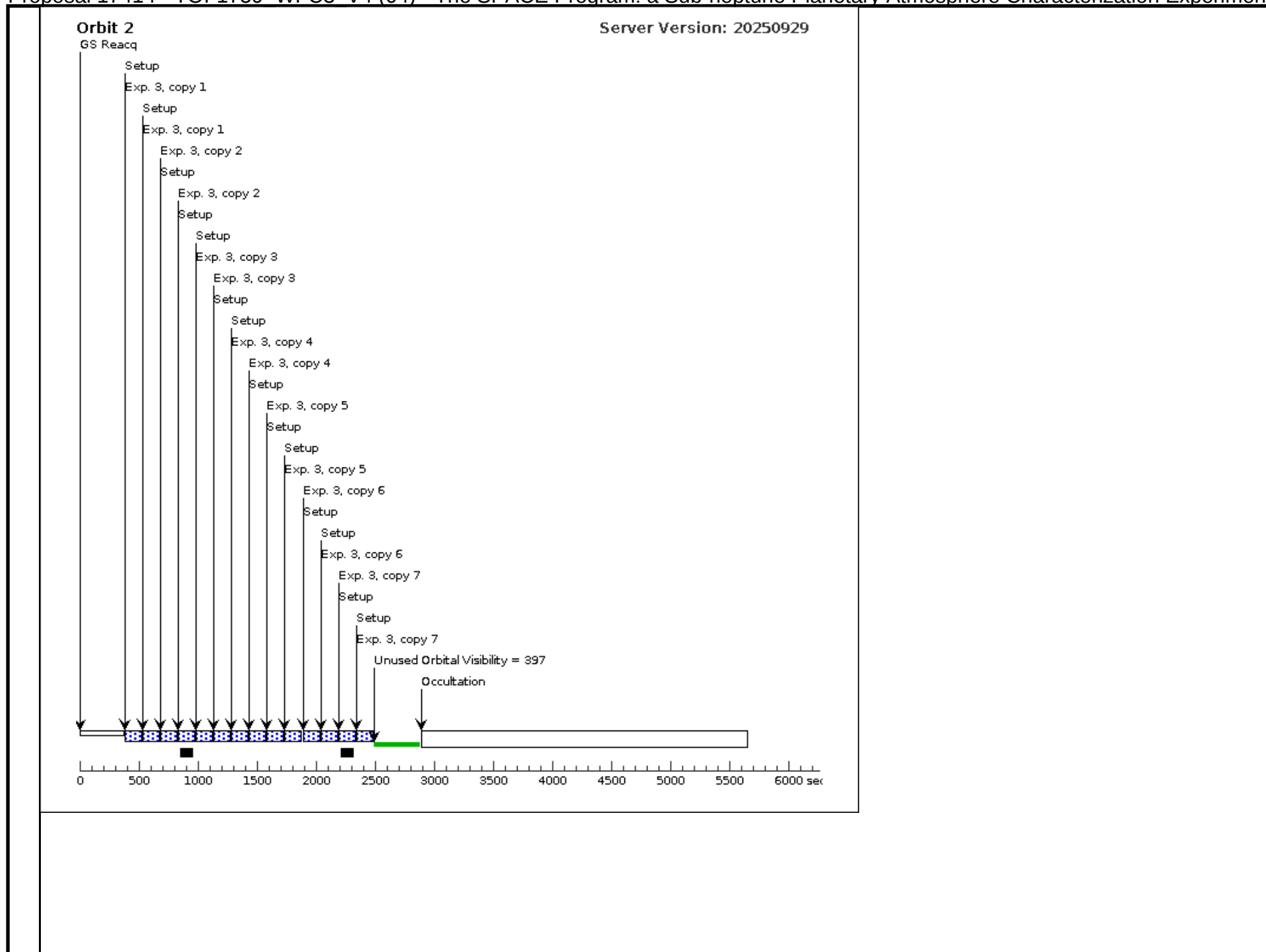
Proposal 17414 - TOI-1759 WFC3 V4 (04) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

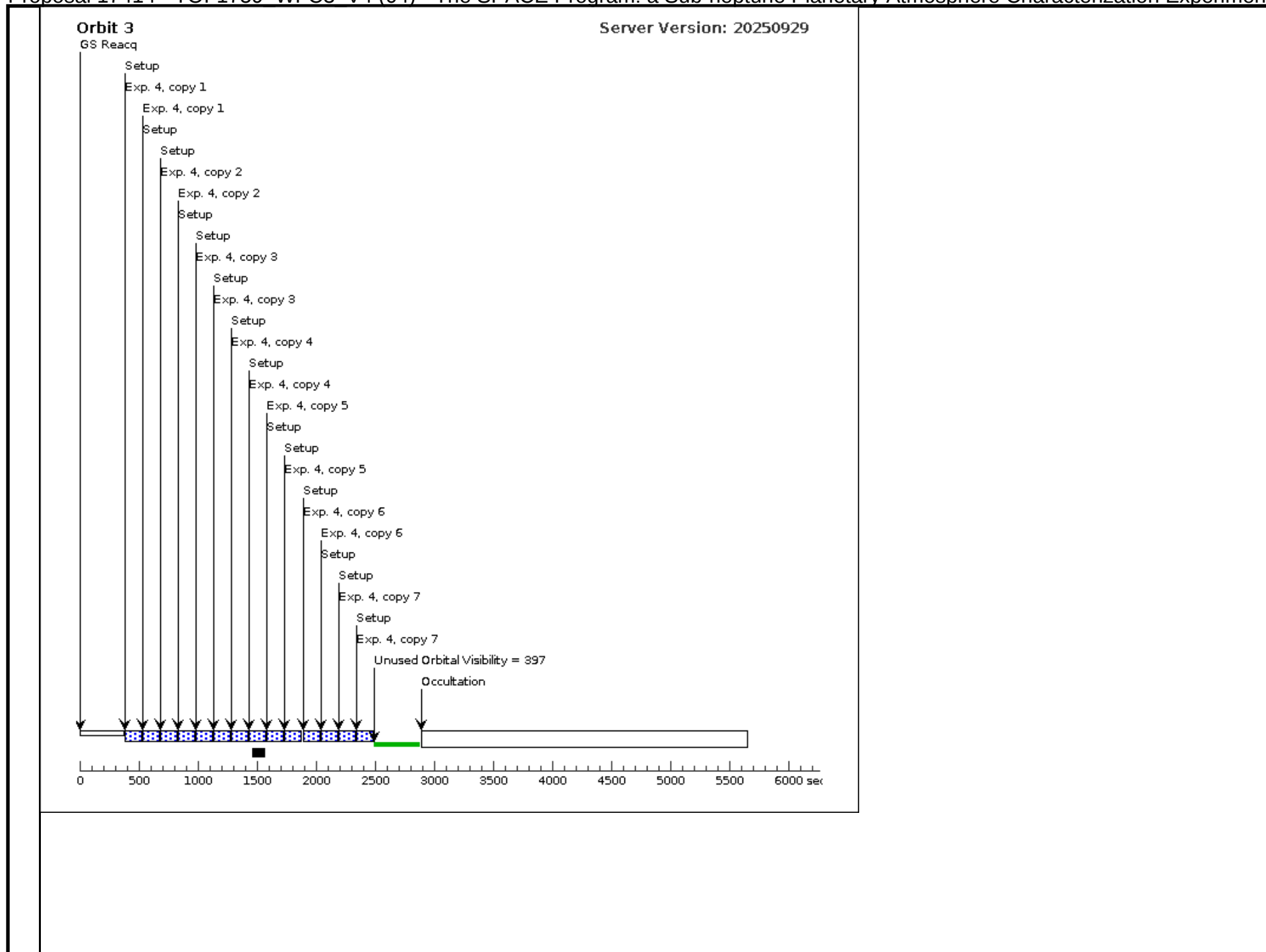
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) TOI-1759	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.9902 TO 0.9935	Sequence 1-2 Non-Int in TOI-1759_WFC3_V4 (04)	1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip	Sequence 1-2 Non-Int in TOI-1759_WFC3_V4 (04)	112.00801 Secs X 7 (1568.112 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)]	[1]
	3		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip	Sequence 3-3 Non-Int in TOI-1759_WFC3_V4 (04)	112.00801 Secs X 7 (1568.112 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)]	[2]

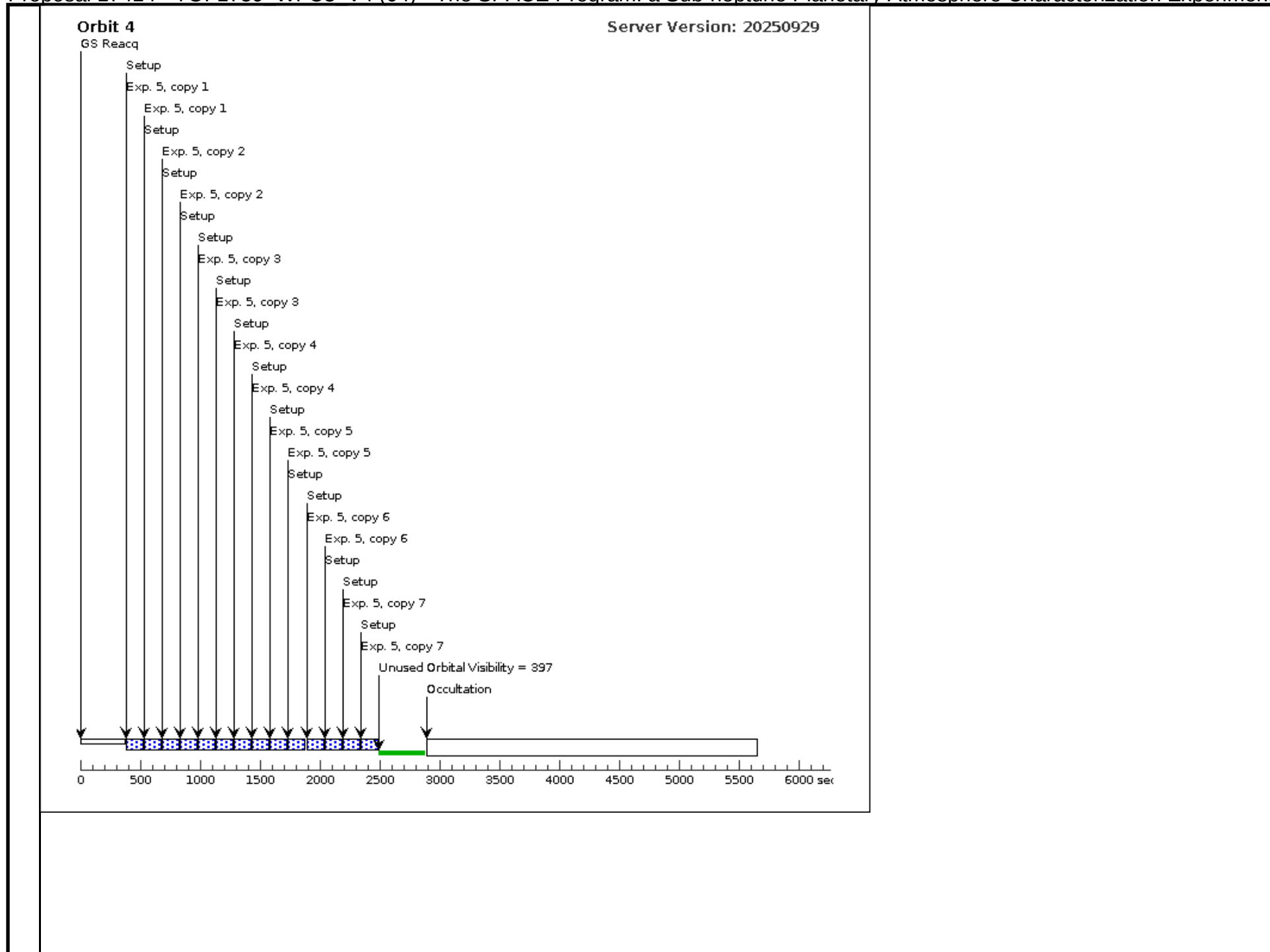
Proposal 17414 - TOI-1759 WFC3 V4 (04) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

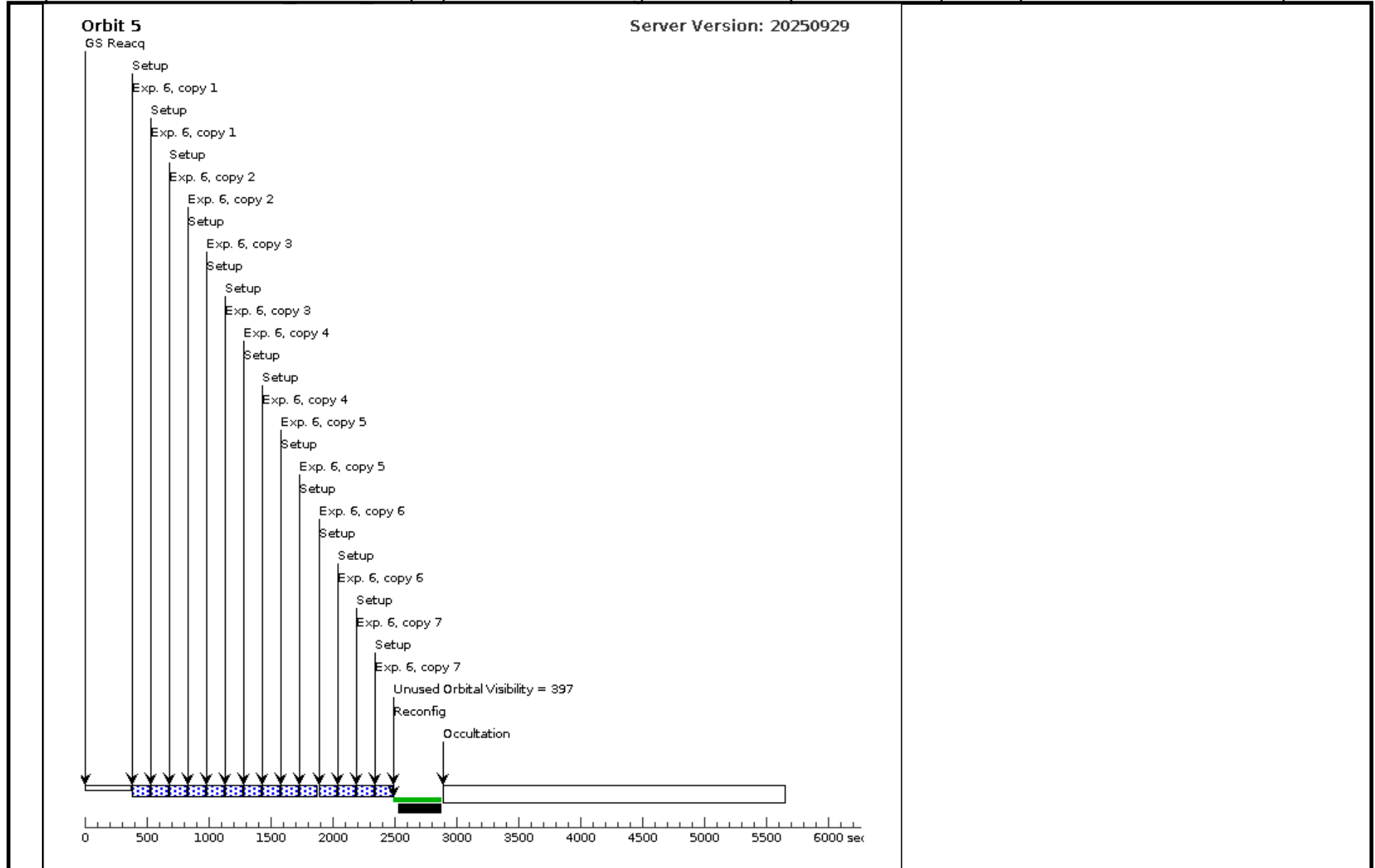
4	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Round trip	Sequence 4-4 Non-Int in TOI-1759_WFC3_V4 (04)	112.00801 Secs X 7 (1568.112 Secs)	[3]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)]	
5	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Round trip	Sequence 5-5 Non-Int in TOI-1759_WFC3_V4 (04)	112.00801 Secs X 7 (1568.112 Secs)	[4]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)]	
6	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Round trip	Sequence 6-6 Non-Int in TOI-1759_WFC3_V4 (04)	112.00801 Secs X 7 (1568.112 Secs)	[5]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)]	











Proposal 17414 - TOI-1759 WFC3 V4 (84) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-1759_WFC3_V4 (84), completed					Tue Dec 23 18:03:13 GMT 2025
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; Period 18.849975 D AND ZERO-PHASE HJD2458745.4661					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	TOI-1759	RA: 21 47 24.7902 (326.8532925d)	Proper Motion RA: -173.425 mas/yr	V=10.0	Reference Frame: ICRS
			Dec: +62 45 13.90 (62.75386d)	Proper Motion Dec: -10.653999947862758 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM]					
	Extended=NO					

Proposal 17414 - TOI-1759 WFC3 V4 (84) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

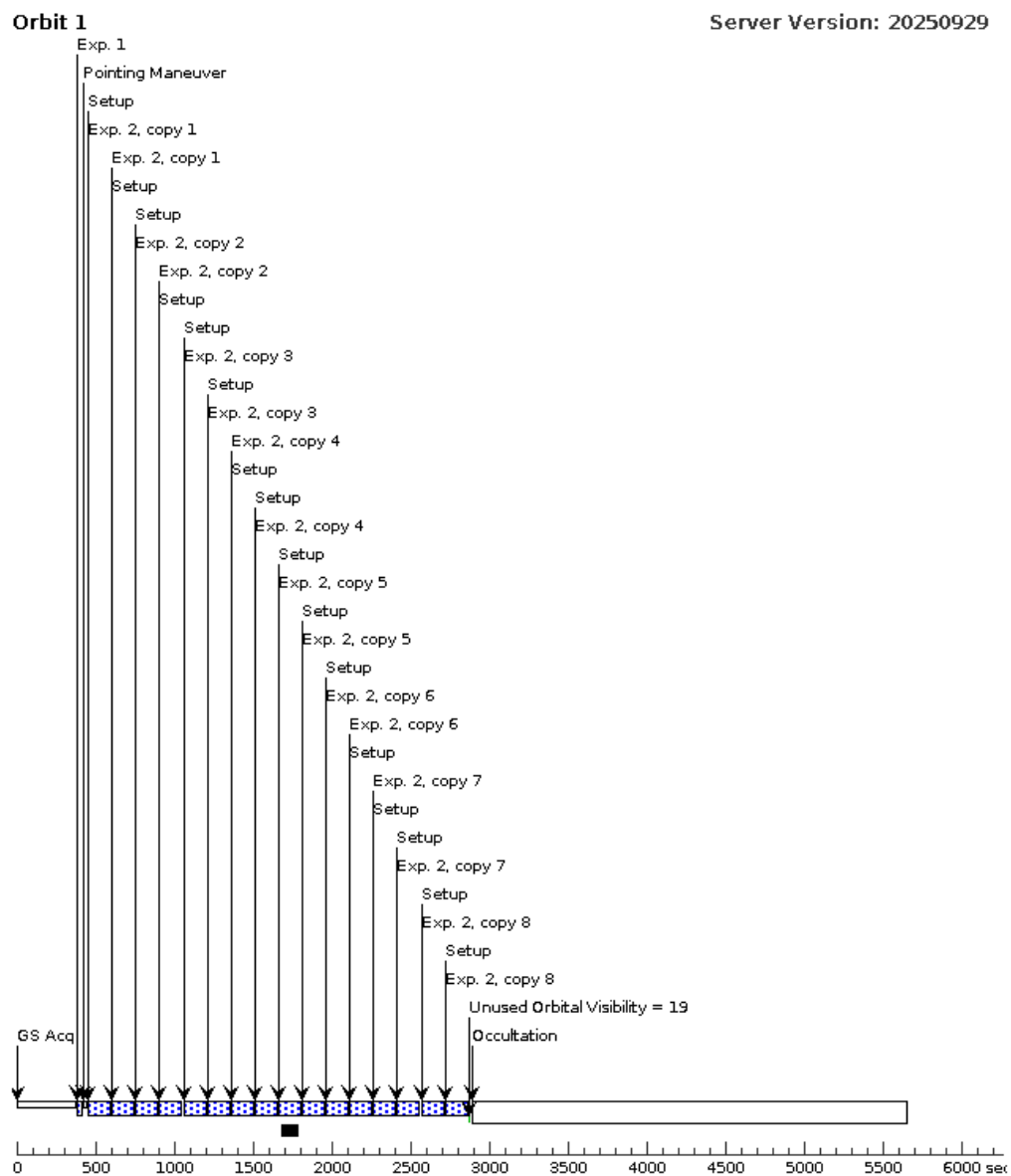
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) TOI-1759	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.9902 TO 0.9935	Sequence 1-2 Non-Int in TOI-1759_WFC3_V4 (84)	1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 1-2 Non-Int in TOI-1759_WFC3_V4 (84)	112.00801 Secs X 8 (1792.128 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[1]
	3		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 3-3 Non-Int in TOI-1759_WFC3_V4 (84)	112.00801 Secs X 8 (1792.128 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[2]

Proposal 17414 - TOI-1759 WFC3 V4 (84) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

4	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 4-4 Non-Int in TOI-1759_WFC3_V4 (84)	112.00801 Secs X 8 (1792.128 Secs)	[3]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	
5	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 5-5 Non-Int in TOI-1759_WFC3_V4 (84)	112.00801 Secs X 8 (1792.128 Secs)	[4]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	

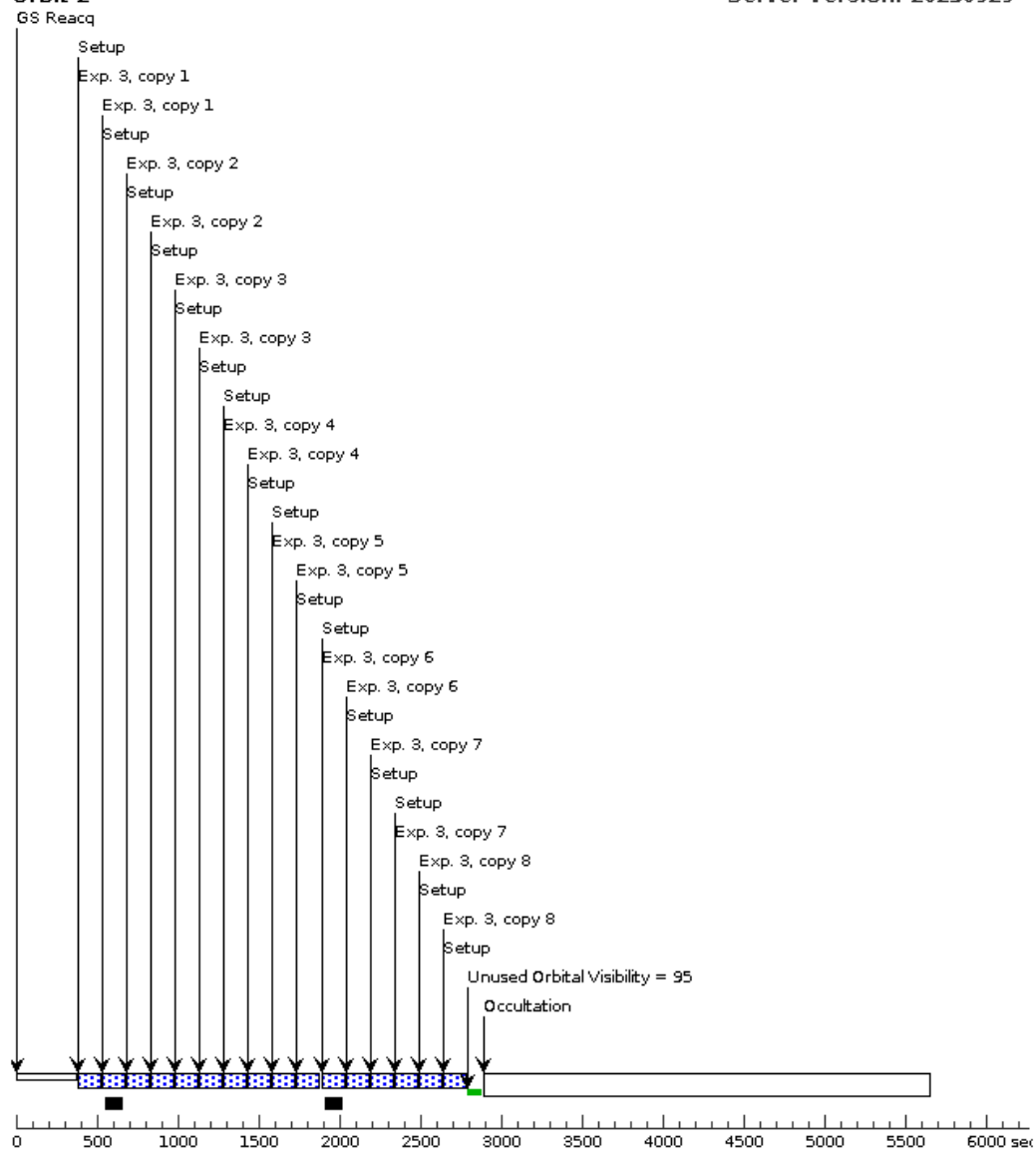
Proposal 17414 - TOI-1759 WFC3 V4 (84) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

6	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 6-6 Non-Int in TOI-1759_WFC3_V4 (84)	112.00801 Secs X 8 (1792.128 Secs)	
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[5]



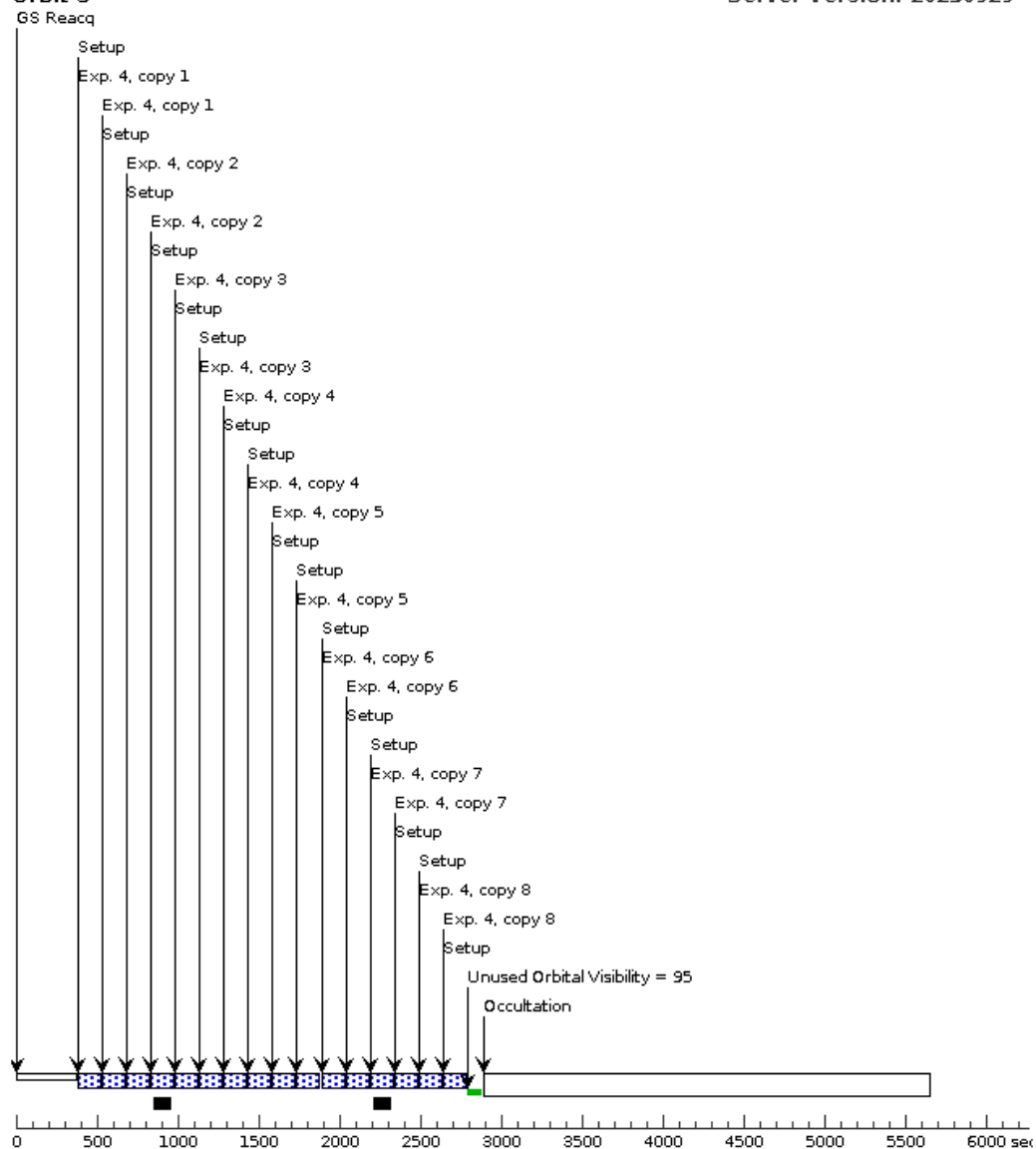
Orbit 2

Server Version: 20250929



Orbit 3

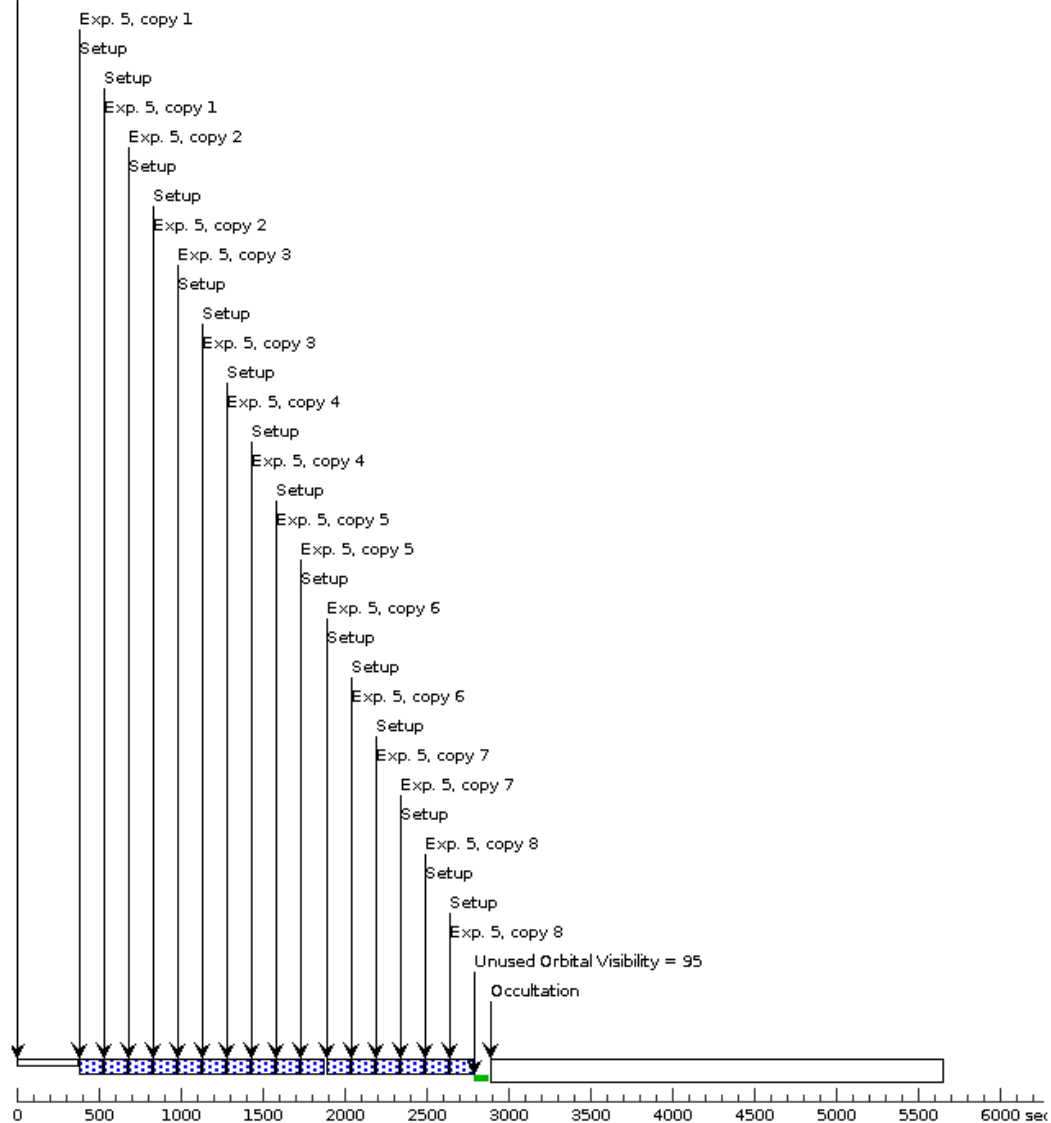
Server Version: 20250929

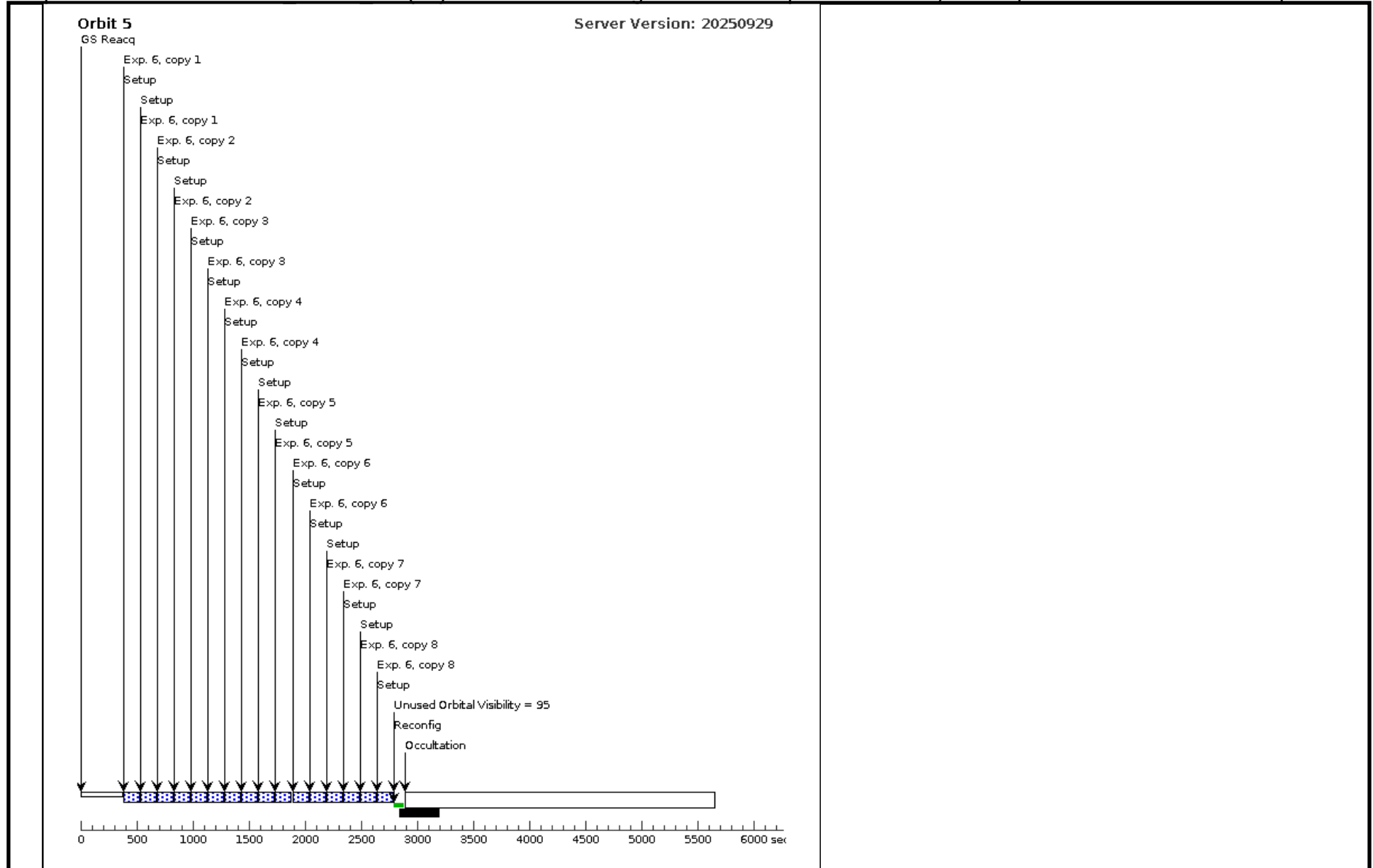


Orbit 4

Server Version: 20250929

GS Reacq





Proposal 17414 - TOI-1759_WFC3_V5 (05) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-1759_WFC3_V5 (05), completed Tue Dec 23 18:03:13 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 18.849975 D AND ZERO-PHASE HJD2458745.4661				
Diagnostics	(TOI-1759_WFC3_V5 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (TOI-1759_WFC3_V5 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (TOI-1759_WFC3_V5 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (TOI-1759_WFC3_V5 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	TOI-1759	RA: 21 47 24.7902 (326.8532925d) Dec: +62 45 13.90 (62.75386d) Equinox: J2000	Proper Motion RA: -173.425 mas/yr Proper Motion Dec: -10.653999947862758 mas/yr Epoch of Position: 2000	V=10.0 Reference Frame: ICRS
Fixed Targets	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO				

Proposal 17414 - TOI-1759 WFC3 V5 (05) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

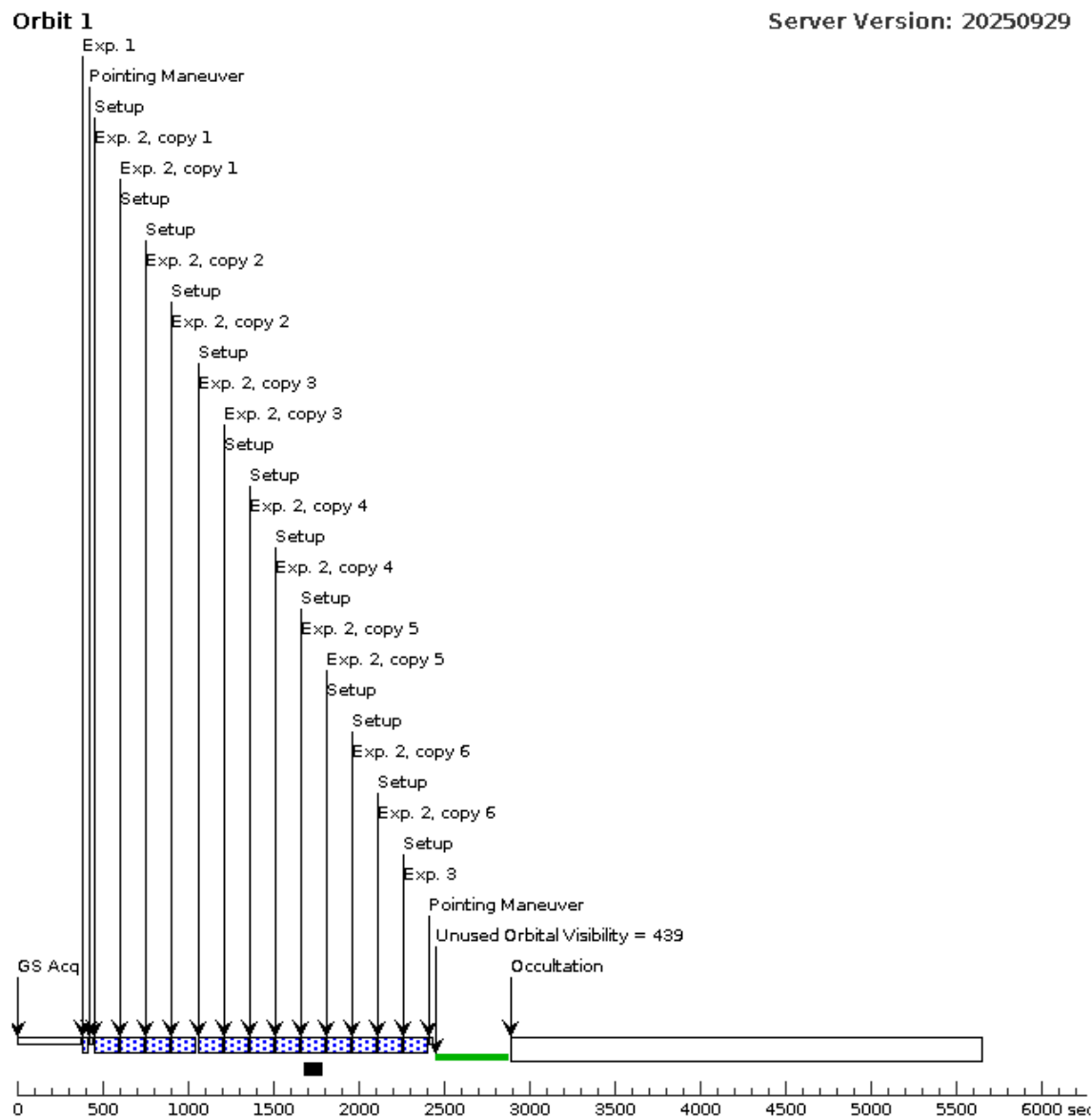
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) TOI-1759	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.9902 TO 0.9935	Sequence 1-3 Non-Int in TOI-1759_WFC3_V5 (05)	1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip	Sequence 1-3 Non-Int in TOI-1759_WFC3_V5 (05)	112.00801 Secs X 6 (1344.096 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)]	[1]
	3		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-3 Non-Int in TOI-1759_WFC3_V5 (05)	112.00801 Secs (112.008 Secs) [==>]	[1]
	4		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip	Sequence 4-7 Non-Int in TOI-1759_WFC3_V5 (05)	112.00801 Secs X 7 (1568.112 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)]	[2]
	5		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 4-7 Non-Int in TOI-1759_WFC3_V5 (05)	112.00801 Secs (112.008 Secs) [==>]	[2]
	6		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 4-7 Non-Int in TOI-1759_WFC3_V5 (05)	112.00801 Secs (112.008 Secs) [==>]	[2]

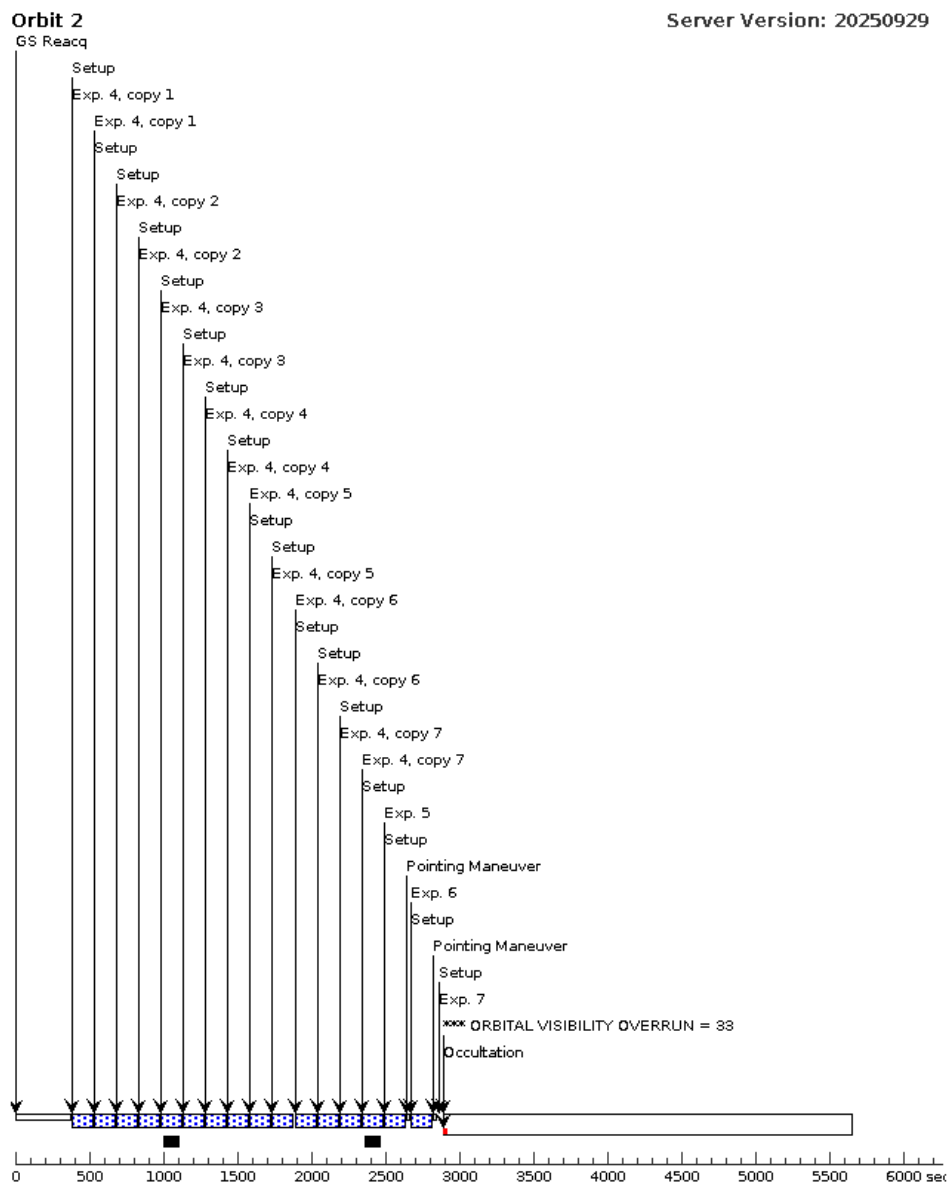
Proposal 17414 - TOI-1759 WFC3 V5 (05) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

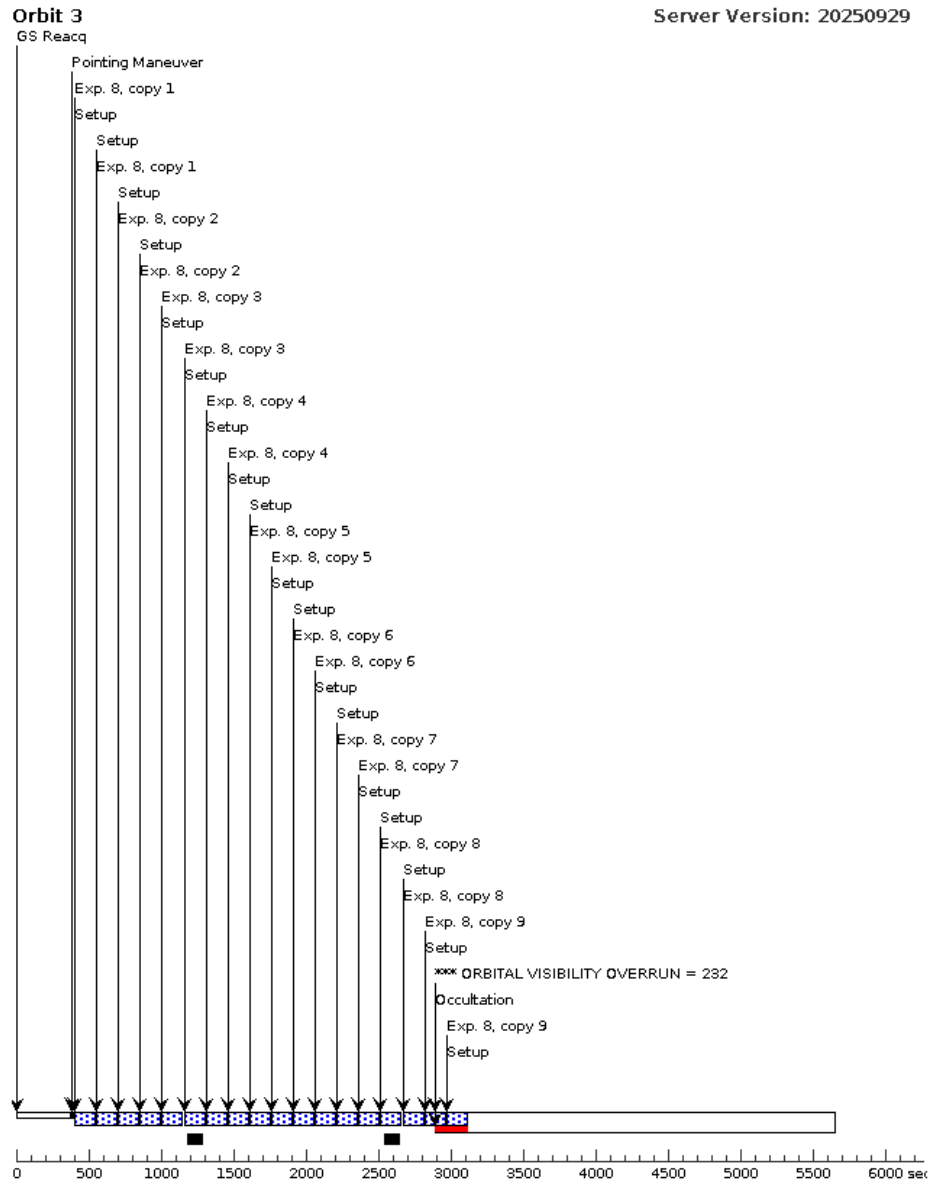
7	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=2; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 4-7 Non-Int in TOI-1759_WFC3_V5 (05)	22.623854 Secs (22.624 Secs) [==>]	[2]
8	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 8-8 Non-Int in TOI-1759_WFC3_V5 (05)	112.00801 Secs X 9 (2016.144 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[3]
9	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 9-9 Non-Int in TOI-1759_WFC3_V5 (05)	112.00801 Secs X 9 (2016.144 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[4]

Proposal 17414 - TOI-1759 WFC3 V5 (05) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

10	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 10-10 Non-Int in TOI-1759_WFC3_V5 (05)	112.00801 Secs X 9 (2016.144 Secs)	
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[5]



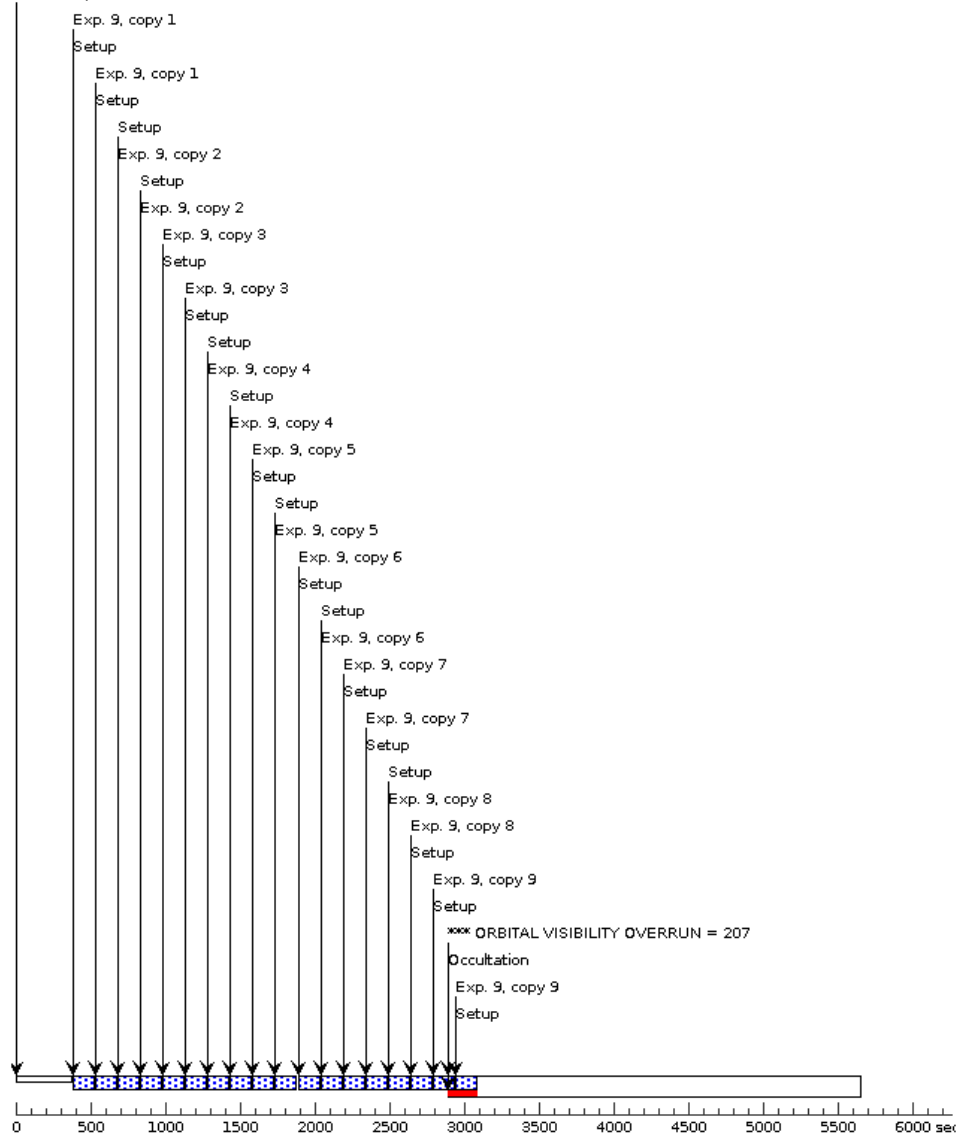


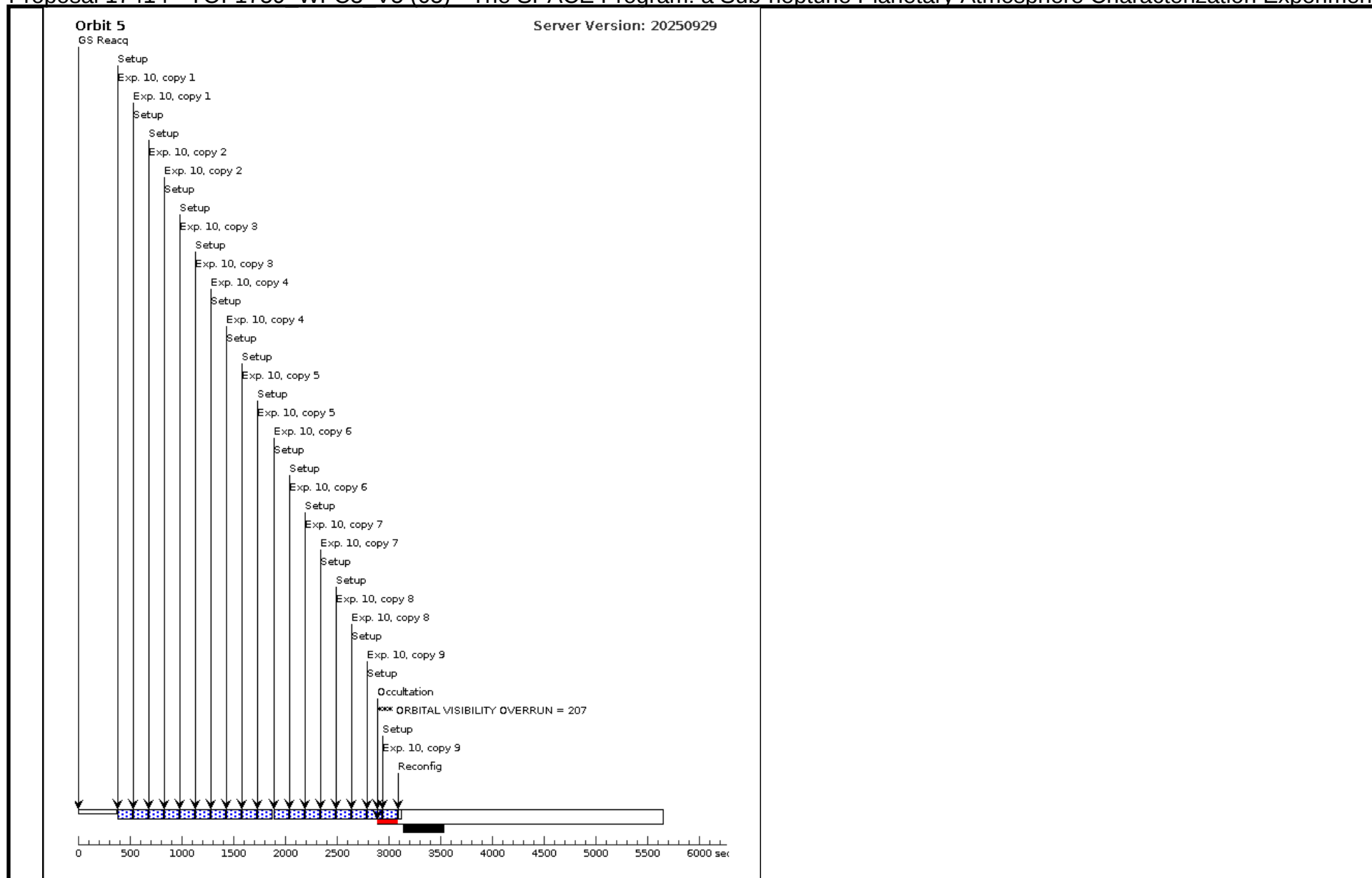


Orbit 4

Server Version: 20250929

GS Reacq





Proposal 17414 - TOI-1759 WFC3 V6 (06) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-1759_WFC3_V6 (06), completed					Tue Dec 23 18:03:13 GMT 2025
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; Period 18.849975 D AND ZERO-PHASE HJD2458745.4661					
Diagnostics	(TOI-1759_WFC3_V6 (06)) Warning (Orbit Planner): GAP IN NON-INT SEQUENCE DUE TO ORBIT-NUMBER					
	(TOI-1759_WFC3_V6 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(TOI-1759_WFC3_V6 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(TOI-1759_WFC3_V6 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(TOI-1759_WFC3_V6 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(TOI-1759_WFC3_V6 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	TOI-1759	RA: 21 47 24.7902 (326.8532925d)	Proper Motion RA: -173.425 mas/yr	V=10.0	Reference Frame: ICRS
			Dec: +62 45 13.90 (62.75386d)	Proper Motion Dec: -10.653999947862758 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM]					
Extended=NO						

Proposal 17414 - TOI-1759 WFC3 V6 (06) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

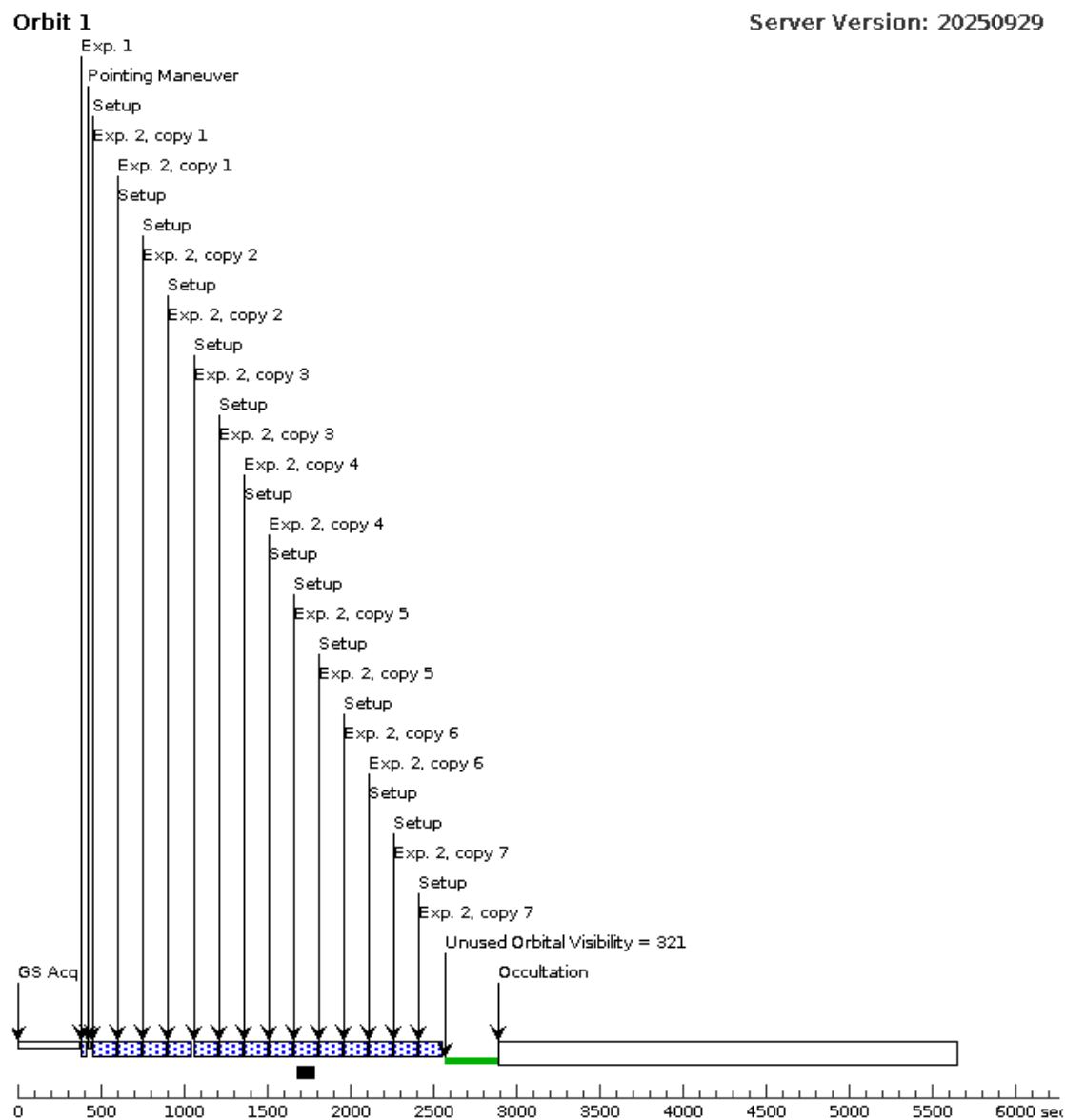
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) TOI-1759	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.9902 TO 0.9935		1.66689 Secs (1.667 Secs)	
									[==>]	[1]
	2		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip	Sequence 2-2 Non-Int in TOI-1759_WFC3_V6 (06)	112.00801 Secs X 7 (1568.112 Secs)	
									[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)]	[1]
	3		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip	Sequence 3-3 Non-Int in TOI-1759_WFC3_V6 (06)	112.00801 Secs X 8 (1792.128 Secs)	
									[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[2]

Proposal 17414 - TOI-1759 WFC3 V6 (06) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

4	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 4-5 Non-Int in TOI-1759_WFC3_V6 (06)	112.00801 Secs X 9 (2016.144 Secs)	[3]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	
5	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 4-5 Non-Int in TOI-1759_WFC3_V6 (06)	112.00801 Secs (112.008 Secs)	[3]
							[==>]	
6	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 6-6 Non-Int in TOI-1759_WFC3_V6 (06)	112.00801 Secs X 9 (2016.144 Secs)	[3]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[4]

Proposal 17414 - TOI-1759 WFC3 V6 (06) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

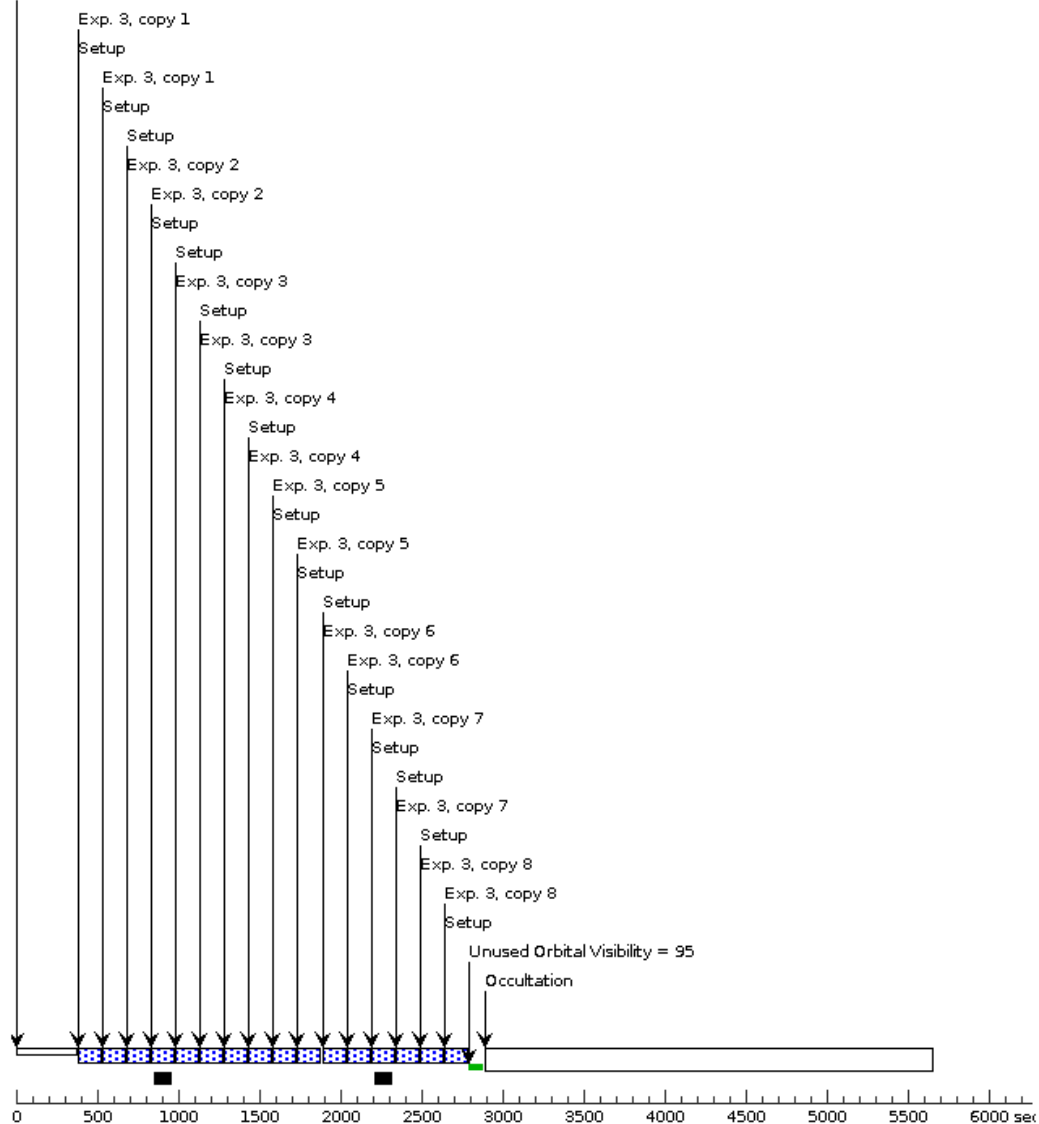
7	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Round trip	Sequence 7-7 Non-Int in TOI-1759_WFC3_V6 (06)	112.00801 Secs X 8 (1792.128 Secs)	
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[5]

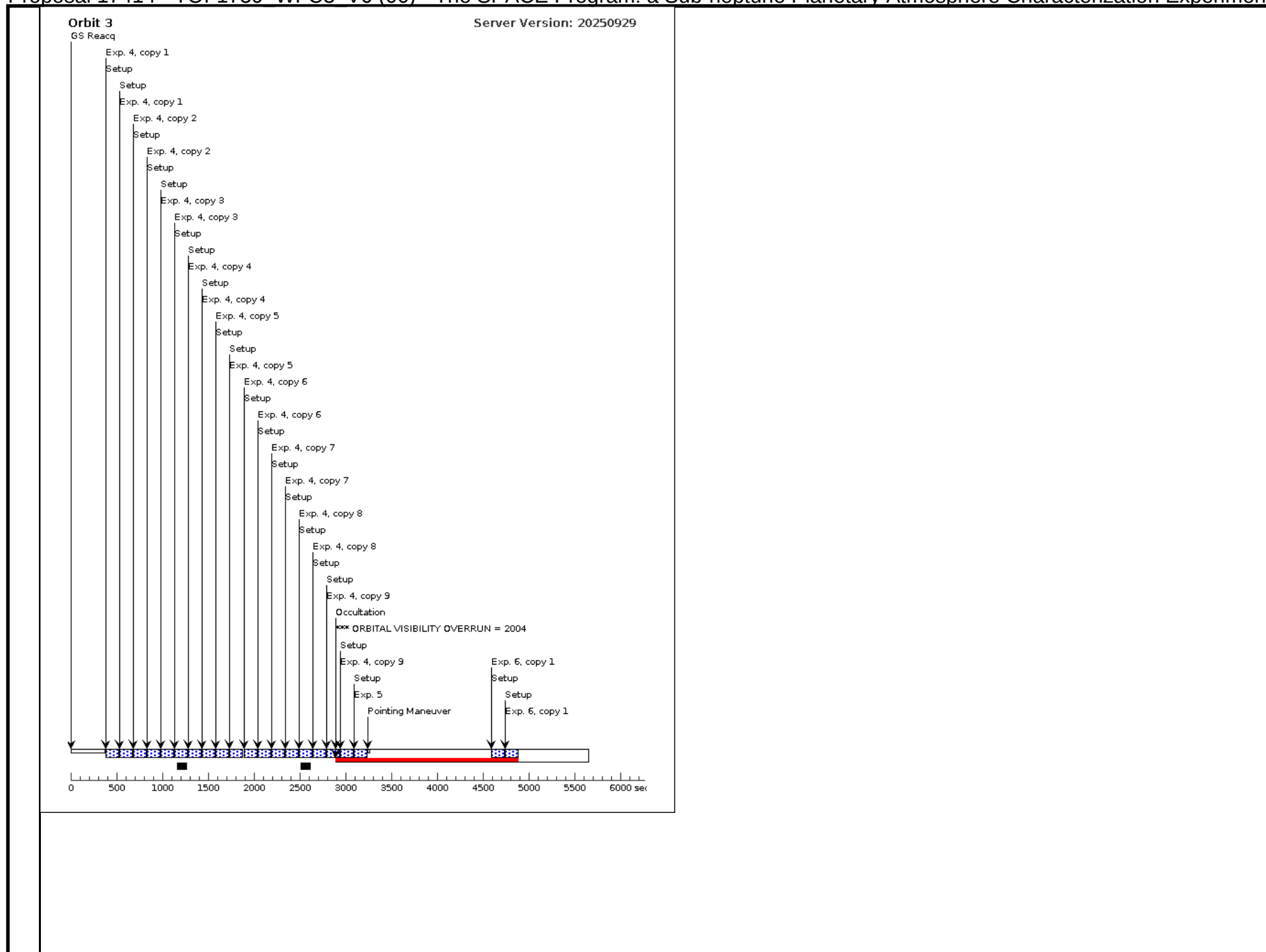


Orbit 2

Server Version: 20250929

GS Reacq





Orbit 4

Server Version: 20250929

Exp. 6, copy 2

Setup

Setup

Exp. 6, copy 2

Setup

Exp. 6, copy 3

Exp. 6, copy 3

Setup

Exp. 6, copy 4

Setup

Exp. 6, copy 4

Setup

Setup

Exp. 6, copy 5

Exp. 6, copy 5

Setup

Exp. 6, copy 6

Setup

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Exp. 6, copy 6

Exp. 6, copy 7

Setup

Setup

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Exp. 6, copy 8

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Exp. 6, copy 9

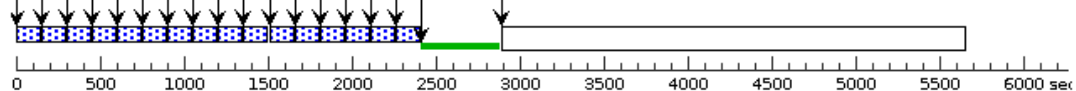
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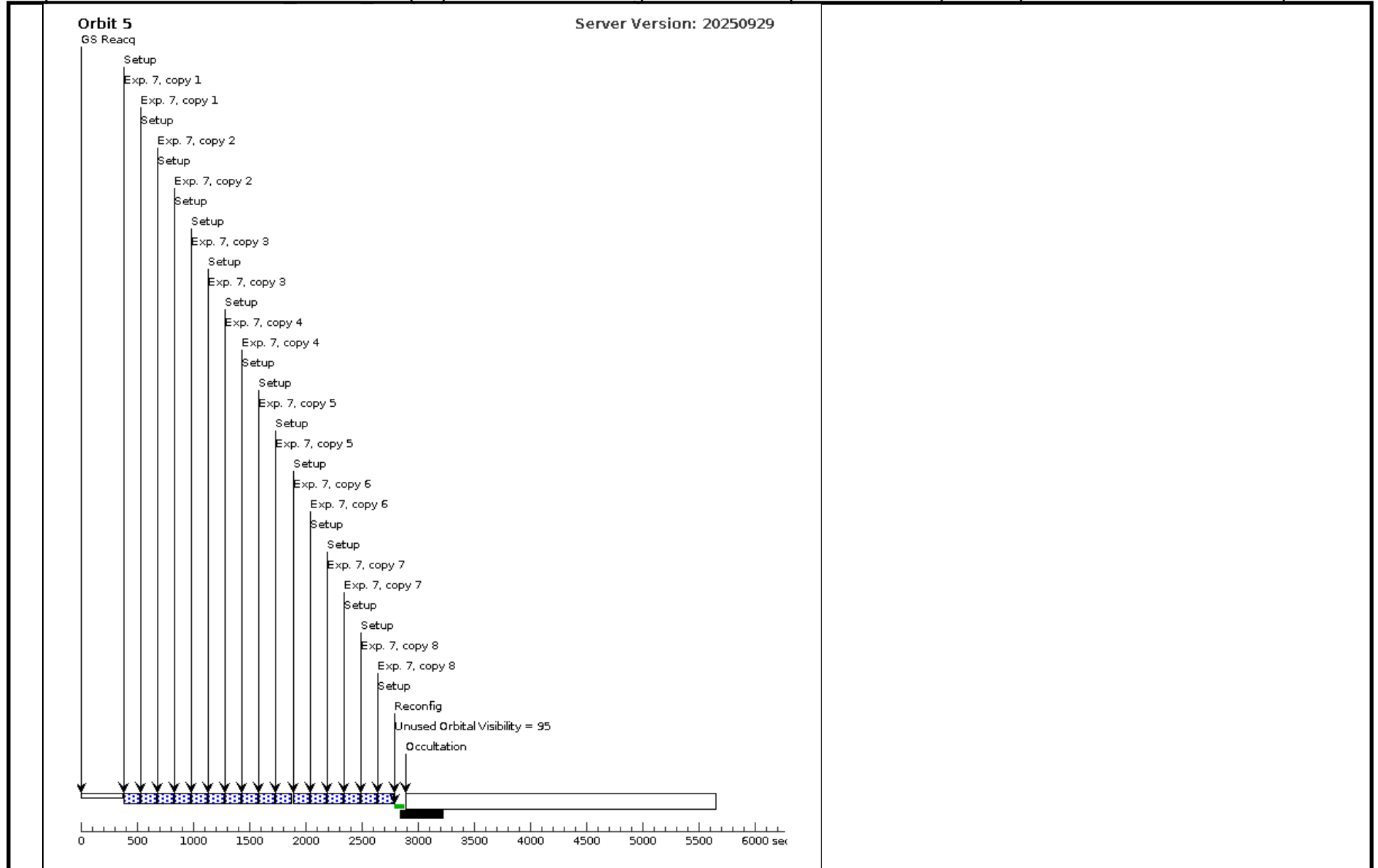
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Exp. 6, copy 9

Unused Orbital Visibility = 475

Occultation





Proposal 17414 - TOI-1759 WFC3 V6 (25) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

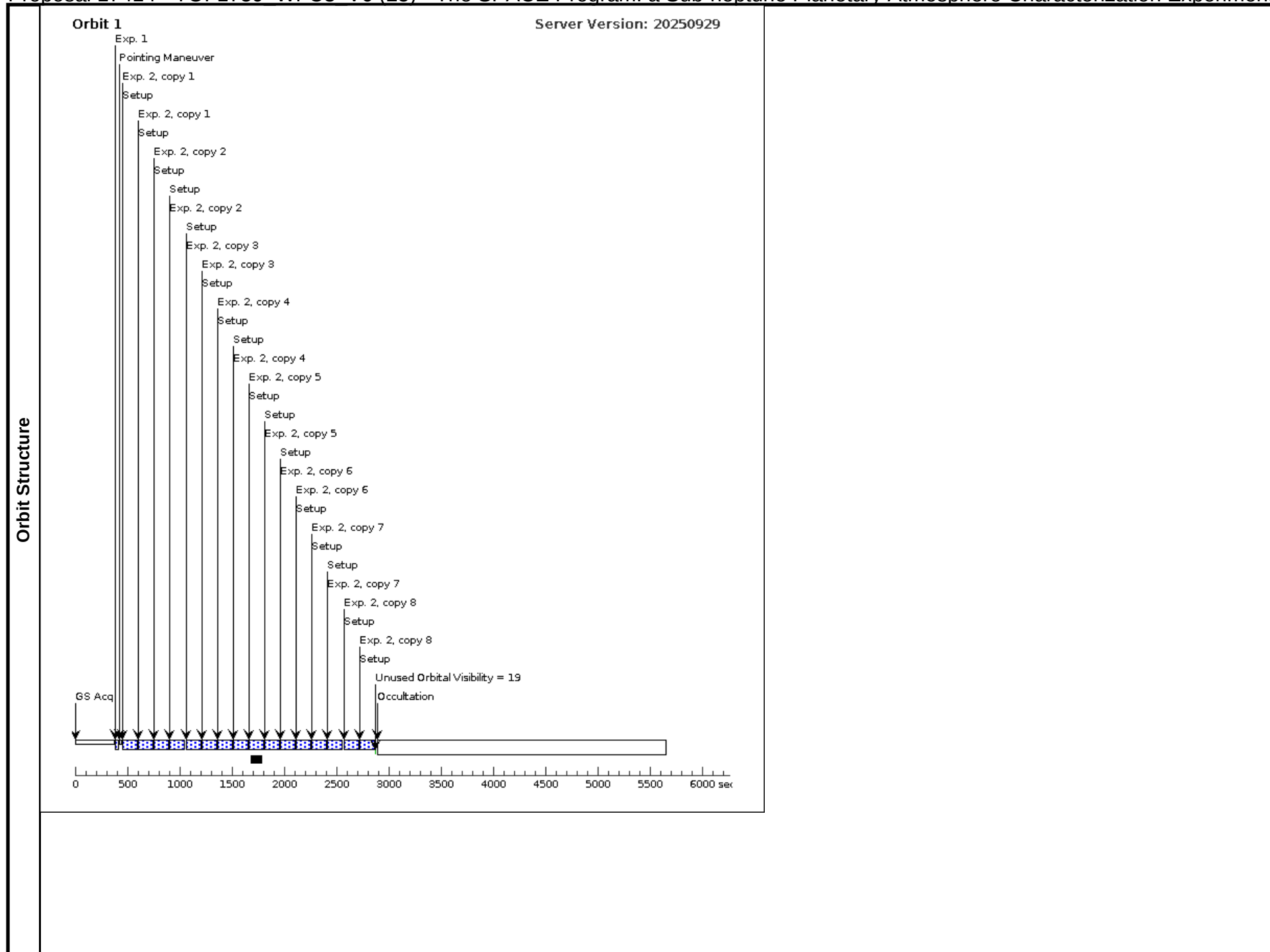
Visit	Proposal 17414, TOI-1759_WFC3_V6 (25), implementation Tue Dec 23 18:03:13 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 18.849975 D AND ZERO-PHASE HJD2458745.4661				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	TOI-1759	RA: 21 47 24.7902 (326.8532925d) Dec: +62 45 13.90 (62.75386d) Equinox: J2000	Proper Motion RA: -173.425 mas/yr Proper Motion Dec: -10.653999947862758 mas/yr Epoch of Position: 2000	V=10.0 Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO					

Proposal 17414 - TOI-1759 WFC3 V6 (25) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) TOI-1759	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.9930 TO 0.9944		1.66689 Secs (1.667 Secs)	
									[==>]	[1]
	2		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip		112.00801 Secs X 8 (1792.128 Secs)	
									[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[1]
	3		(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Rounded trip		112.00801 Secs X 8 (1792.128 Secs)	
									[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[2]

Proposal 17414 - TOI-1759 WFC3 V6 (25) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

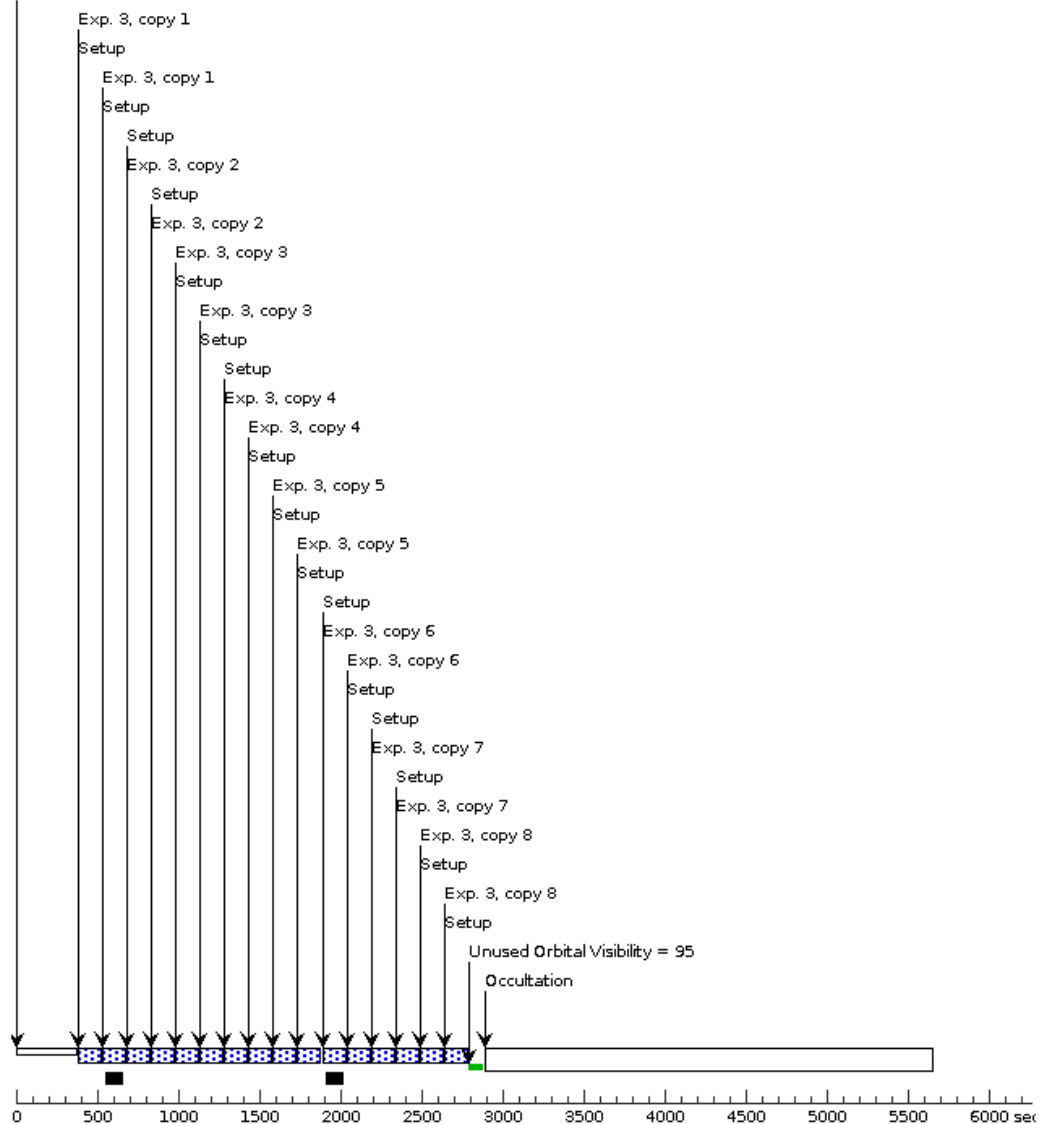
4	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10. 0; SPATIAL SCAN 0.1 2,90.0 Degrees,Roun d trip	112.00801 Secs X 8 (1792.128 Secs)	[3]
5	(1) TOI-1759	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10. 0; SPATIAL SCAN 0.1 2,90.0 Degrees,Roun d trip	112.00801 Secs X 8 (1792.128 Secs)	[4]



Orbit 2

Server Version: 20250929

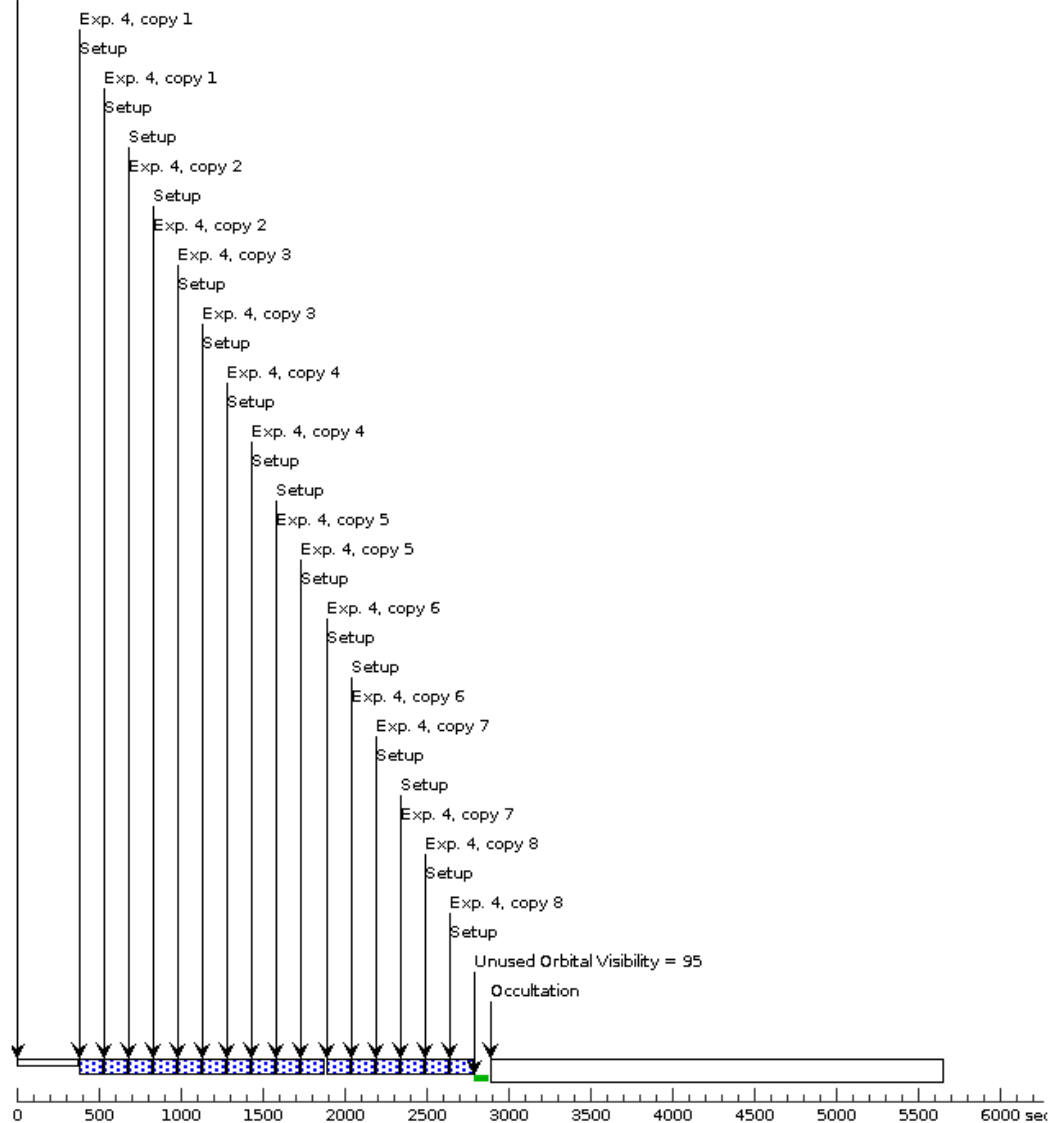
GS Reacq

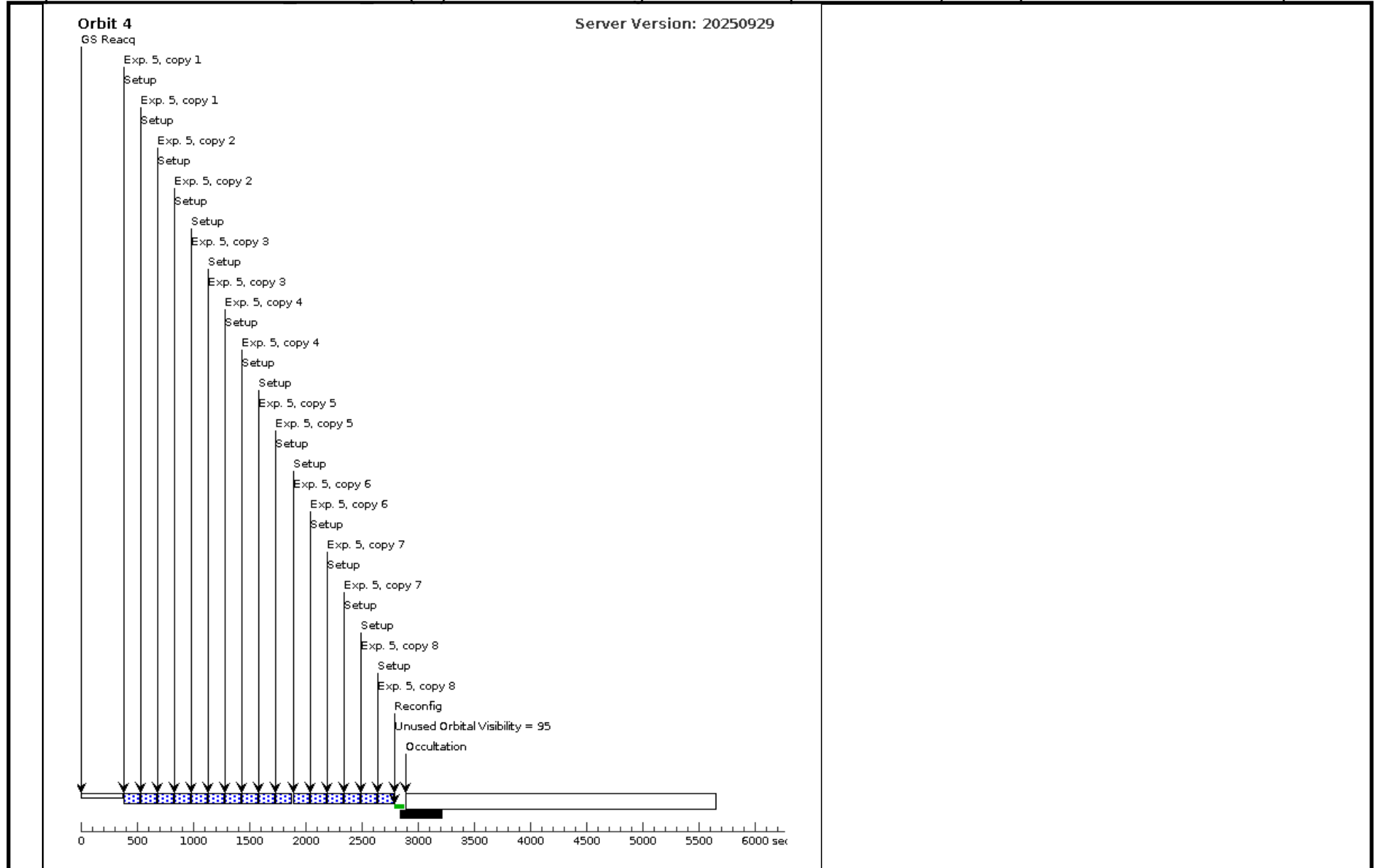


Orbit 3

Server Version: 20250929

GS Reacq





Proposal 17414 - TOI-178 WFC3 V1 (08) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

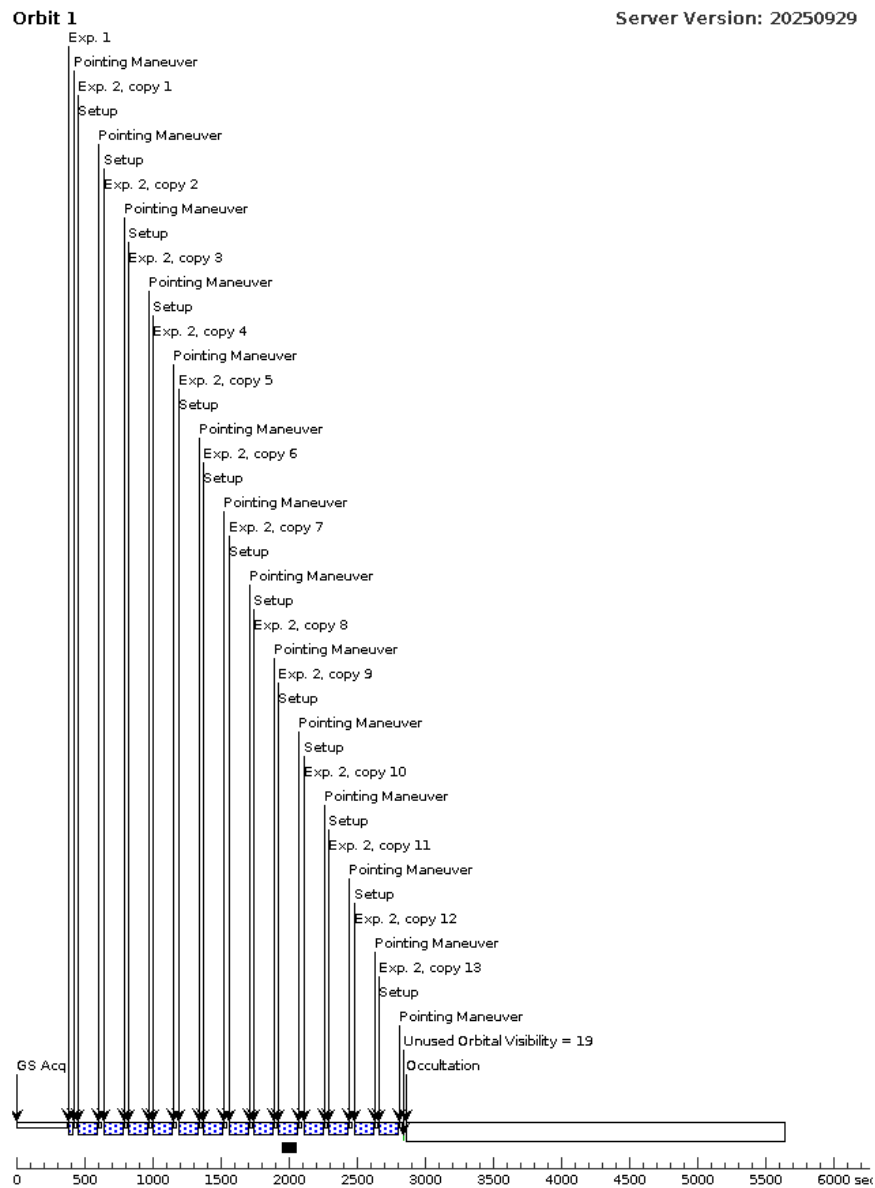
Visit	Proposal 17414, TOI-178_WFC3_V1 (08), completed Tue Dec 23 18:03:13 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 20.70991 D AND ZERO-PHASE HJD2458893.0016				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(2)	TOI-178	RA: 00 29 12.3029 (7.3012621d) Dec: -30 27 13.47 (-30.45374d) Equinox: J2000	Proper Motion RA: 150.032 mas/yr Proper Motion Dec: -87.13200002148369 mas/yr Epoch of Position: 2000	V=11.95 Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO					

Proposal 17414 - TOI-178 WFC3 V1 (08) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) TOI-178	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.9927 TO 0.9955	Sequence 1-2 Non-Int in TOI-178_WFC3_V1 (08)	1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(2) TOI-178	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-2 Non-Int in TOI-178_WFC3_V1 (08)	112.00801 Secs X 13 (1456.104 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[1]
	3		(2) TOI-178	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 3-3 Non-Int in TOI-178_WFC3_V1 (08)	112.00801 Secs X 13 (1456.104 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[2]

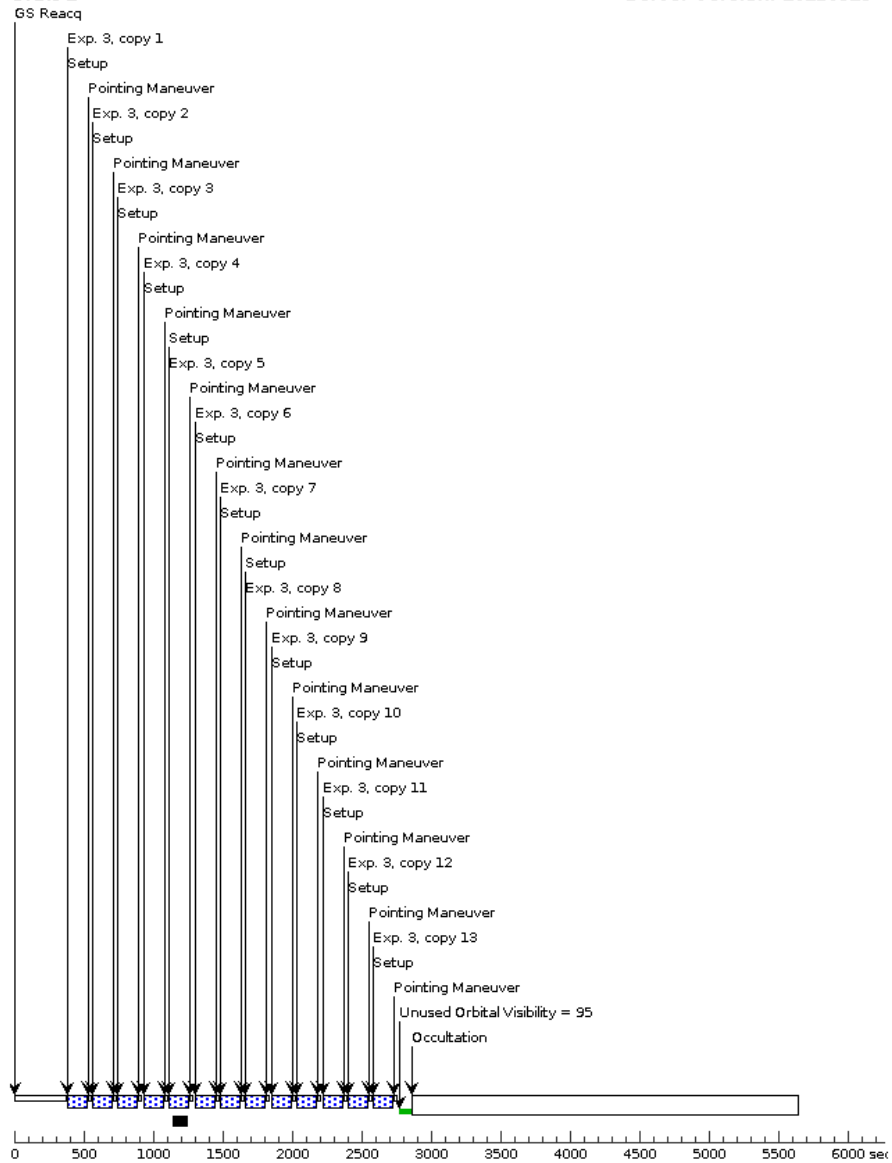
Proposal 17414 - TOI-178 WFC3 V1 (08) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

4	(2) TOI-178	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 4-4 Non-Int in TOI-178_WFC3_V1 (08)	112.00801 Secs X 13 (1456.104 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
5	(2) TOI-178	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-5 Non-Int in TOI-178_WFC3_V1 (08)	112.00801 Secs X 13 (1456.104 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	



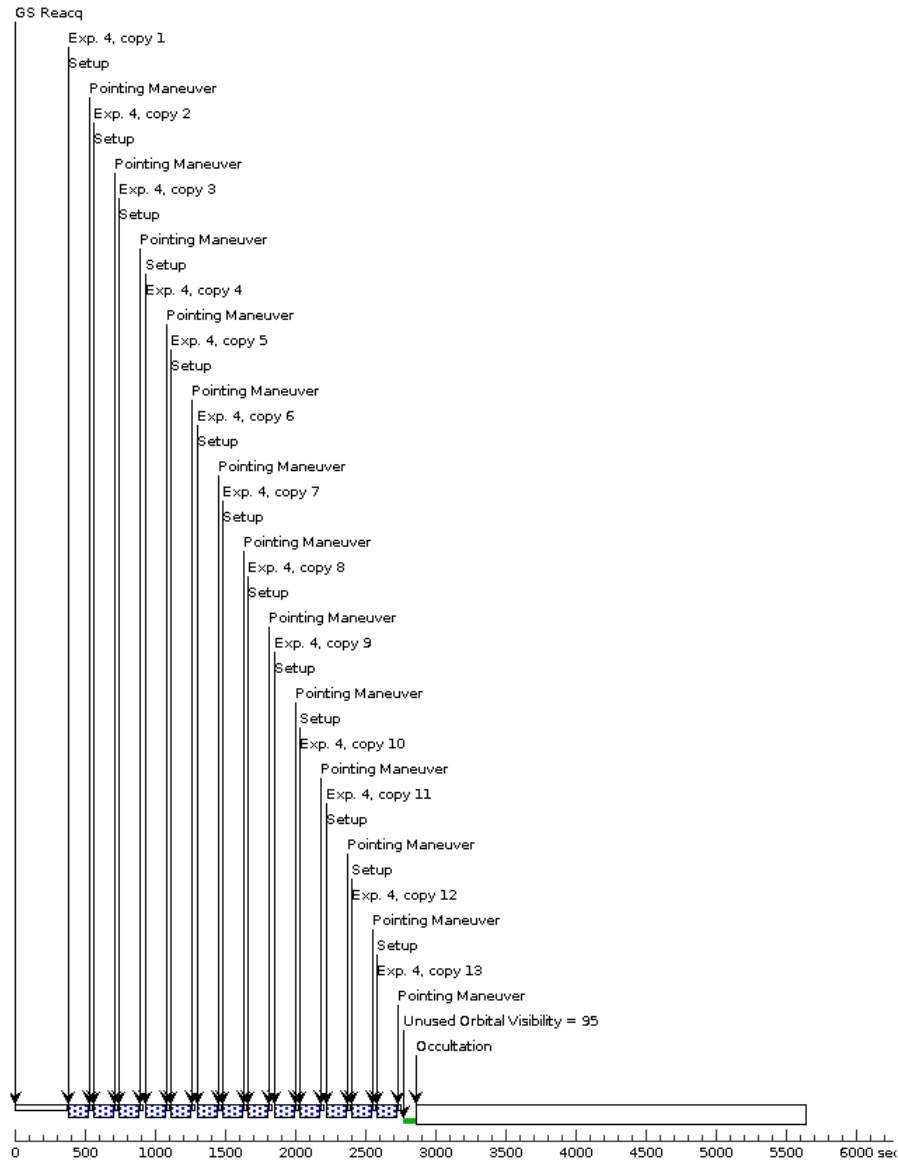
Orbit 2

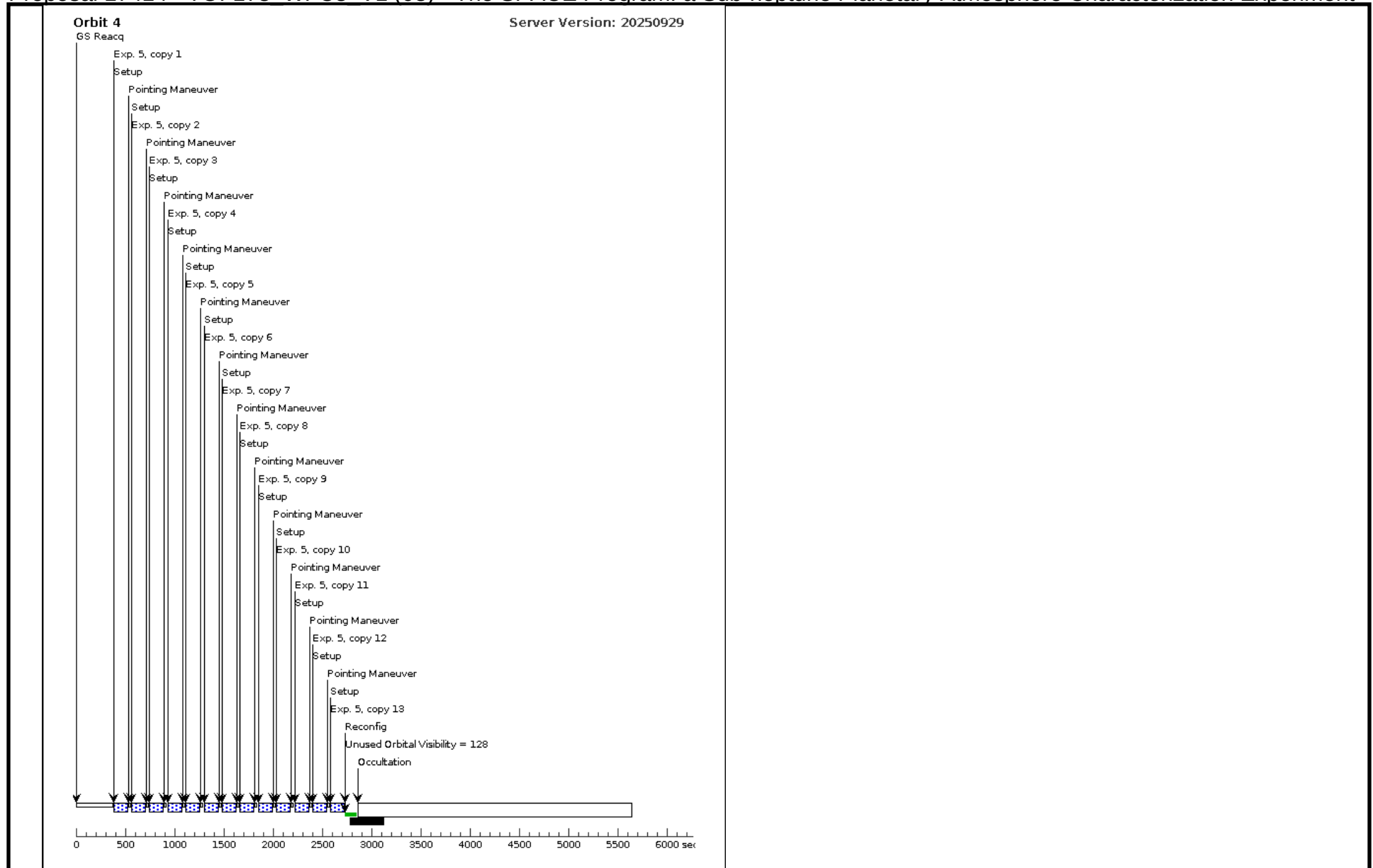
Server Version: 20250929



Orbit 3

Server Version: 20250929





Proposal 17414 - TOI-178 WFC3 V2 (09) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

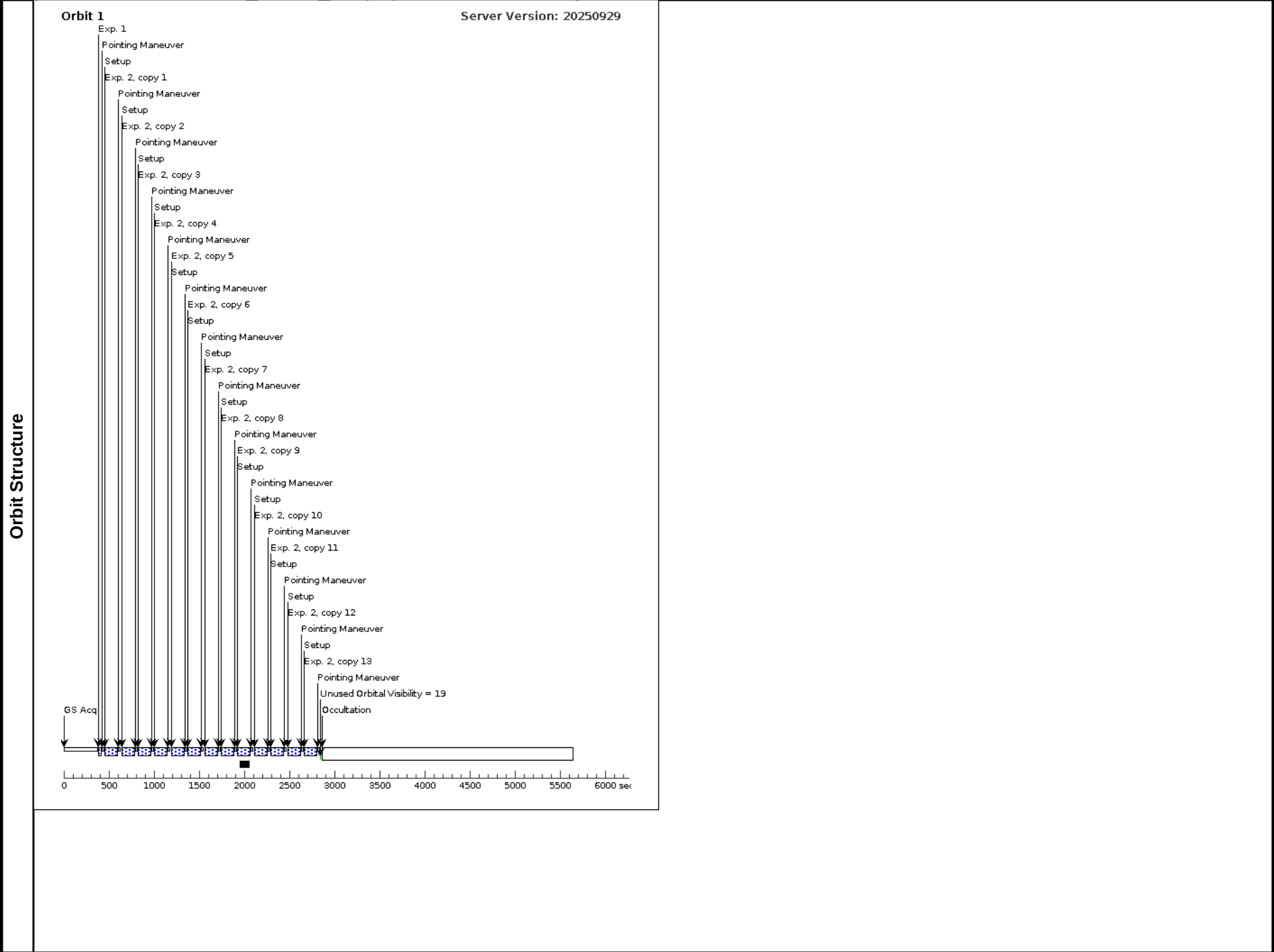
Visit	Proposal 17414, TOI-178_WFC3_V2 (09), completed Tue Dec 23 18:03:13 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 20.70991 D AND ZERO-PHASE HJD2458893.0016				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(2)	TOI-178	RA: 00 29 12.3029 (7.3012621d) Dec: -30 27 13.47 (-30.45374d) Equinox: J2000	Proper Motion RA: 150.032 mas/yr Proper Motion Dec: -87.13200002148369 mas/yr Epoch of Position: 2000	V=11.95 Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO					

Proposal 17414 - TOI-178 WFC3 V2 (09) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) TOI-178	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.9927 TO 0.9955	Sequence 1-2 Non-Int in TOI-178_WFC3_V2 (09)	1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(2) TOI-178	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-2 Non-Int in TOI-178_WFC3_V2 (09)	112.00801 Secs X 13 (1456.104 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[1]
	3		(2) TOI-178	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 3-3 Non-Int in TOI-178_WFC3_V2 (09)	112.00801 Secs X 13 (1456.104 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[2]

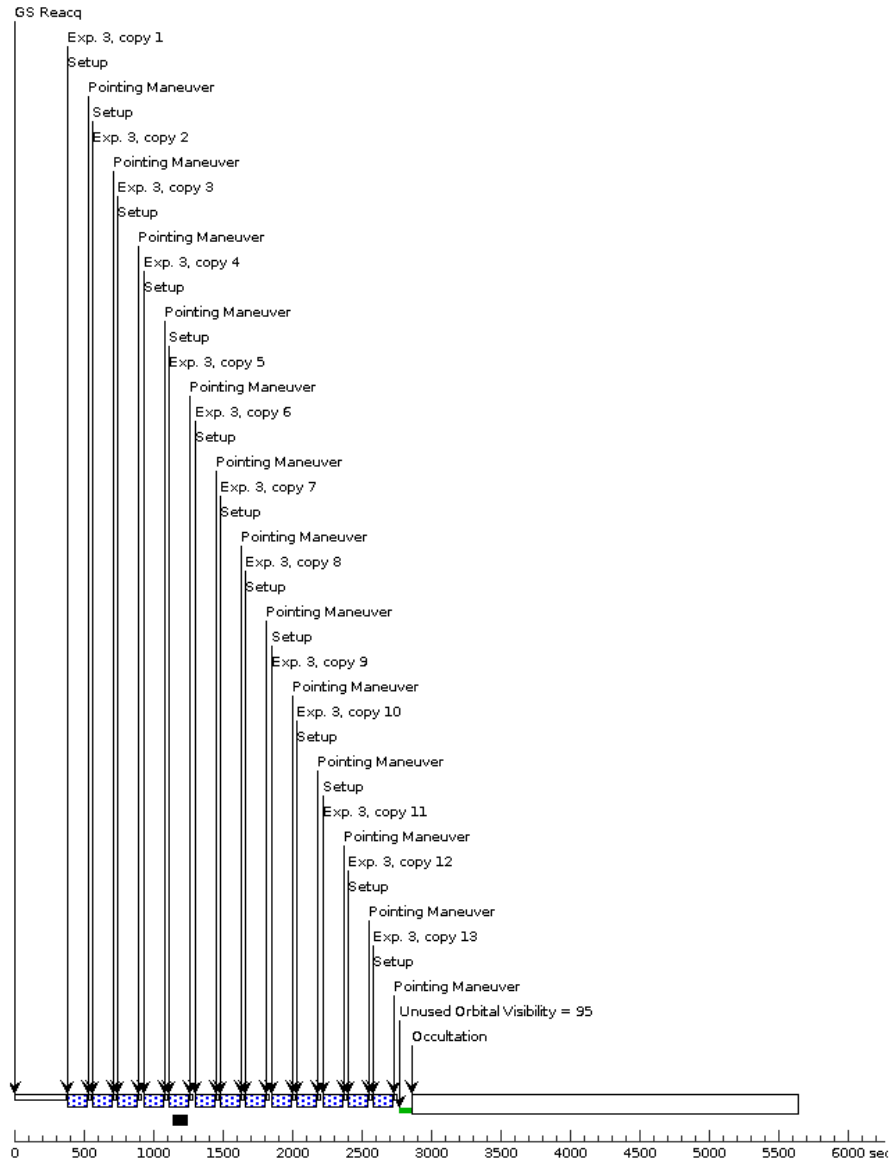
Proposal 17414 - TOI-178 WFC3 V2 (09) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

4	(2) TOI-178	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 4-4 Non-Int in TOI-178_WFC3 -V2 (09)	112.00801 Secs X 13 (1456.104 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
5	(2) TOI-178	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-5 Non-Int in TOI-178_WFC3 -V2 (09)	112.00801 Secs X 13 (1456.104 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	



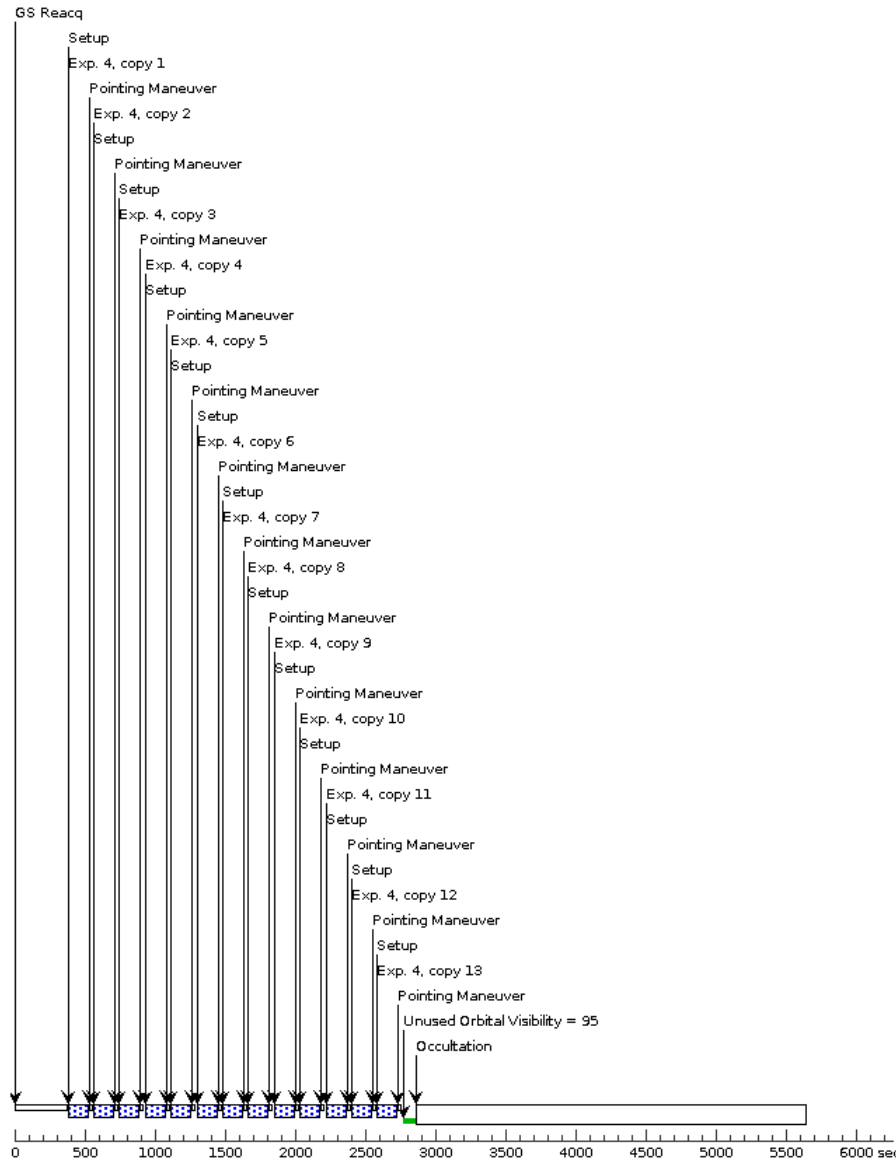
Orbit 2

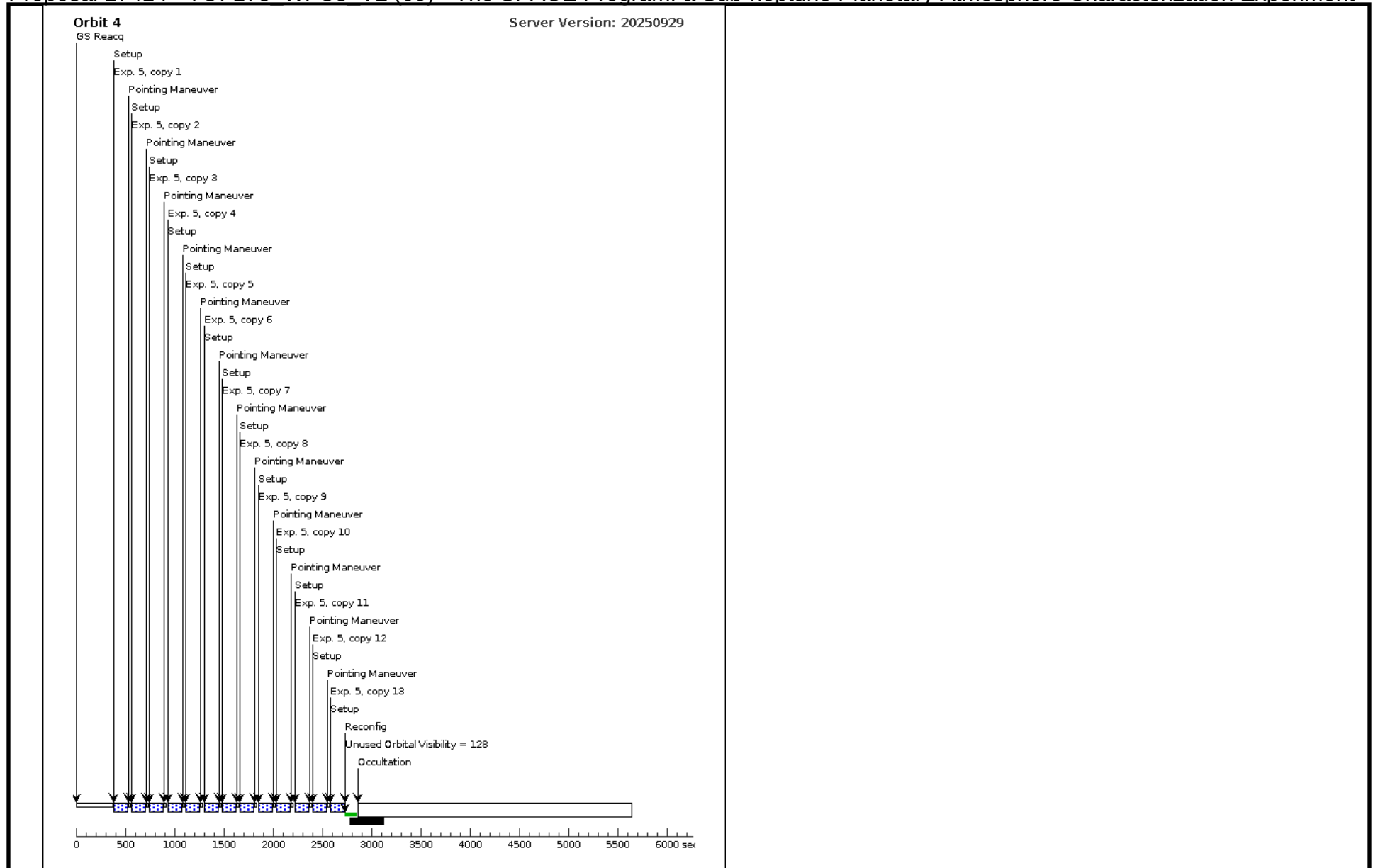
Server Version: 20250929



Orbit 3

Server Version: 20250929





Proposal 17414 - TOI-1410 WFC3 V1 (14) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

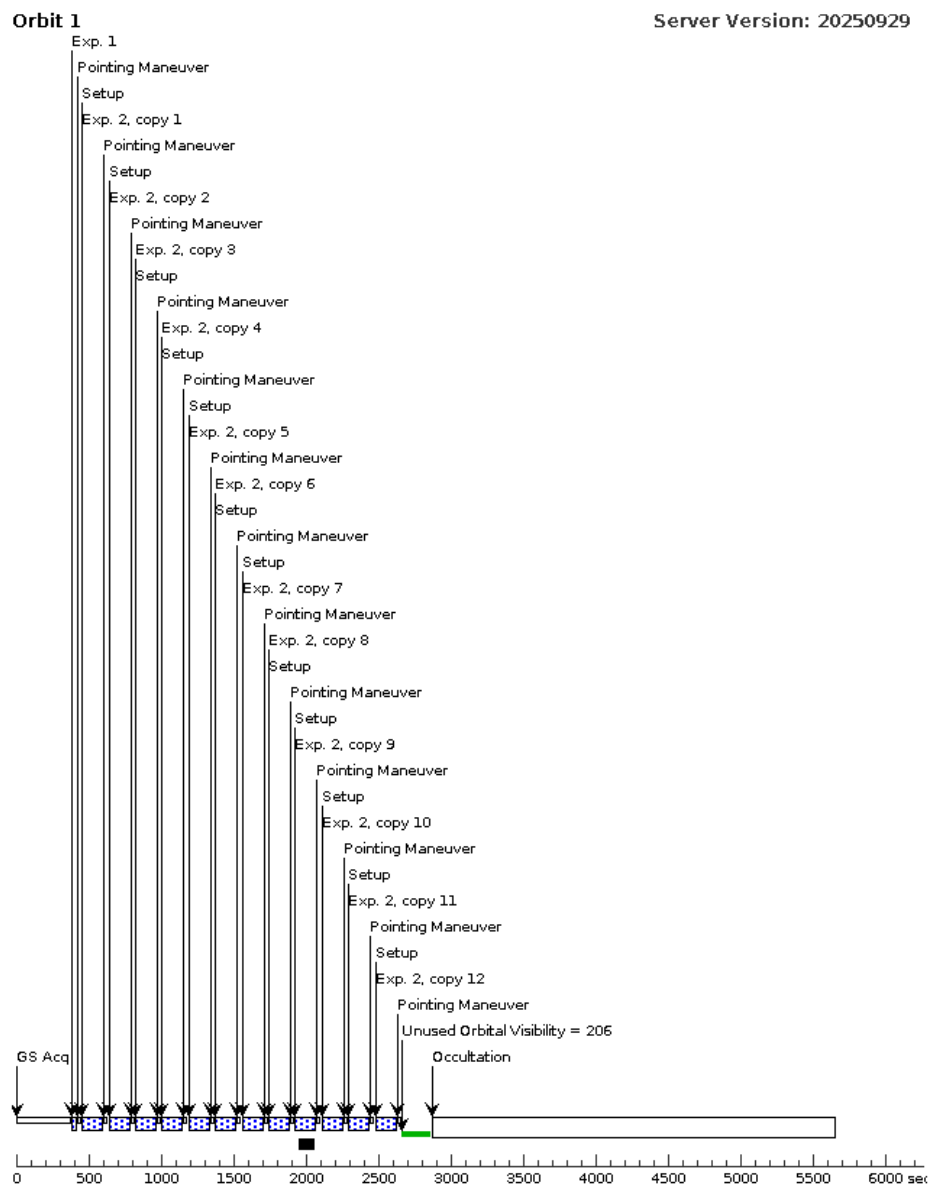
Visit	Proposal 17414, TOI-1410_WFC3_V1 (14), completed Tue Dec 23 18:03:14 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 1.21687505 D AND ZERO-PHASE HJD2458739.72927				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	TOI-1410	RA: 22 19 31.9783 (334.8832429d) Dec: +42 33 36.97 (42.56027d) Equinox: J2000	Proper Motion RA: -67.44 mas/yr Proper Motion Dec: 10.24 mas/yr Epoch of Position: 2000	V=11.11
Miscellaneous Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO					

Proposal 17414 - TOI-1410 WFC3 V1 (14) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) TOI-1410	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.8626 TO 0.8856	Sequence 1-2 Non-Int in TOI-1410_WFC3_V1 (14)	1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-2 Non-Int in TOI-1410_WFC3_V1 (14)	112.00801 Secs X 12 (1344.096 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	3		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 3-3 Non-Int in TOI-1410_WFC3_V1 (14)	112.00801 Secs X 13 (1456.104 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[2]

Proposal 17414 - TOI-1410 WFC3 V1 (14) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

4	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 4-4 Non-Int in TOI-1410_WFC3_V1 (14)	112.00801 Secs X 13 (1456.104 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
5	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-5 Non-Int in TOI-1410_WFC3_V1 (14)	112.00801 Secs X 13 (1456.104 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	



Orbit 2

Server Version: 20250929

GS Reacq

Exp. 3, copy 1

Setup

Pointing Maneuver

Exp. 3, copy 2

Setup

Pointing Maneuver

Exp. 3, copy 3

Setup

Pointing Maneuver

Exp. 3, copy 4

Setup

Pointing Maneuver

Exp. 3, copy 5

Setup

Pointing Maneuver

Setup

Exp. 3, copy 6

Pointing Maneuver

Exp. 3, copy 7

Setup

Pointing Maneuver

Exp. 3, copy 8

Setup

Pointing Maneuver

Exp. 3, copy 9

Setup

Pointing Maneuver

Exp. 3, copy 10

Setup

Pointing Maneuver

Setup

Exp. 3, copy 11

Pointing Maneuver

Setup

Exp. 3, copy 12

Pointing Maneuver

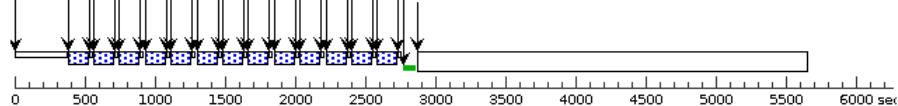
Exp. 3, copy 13

Setup

Pointing Maneuver

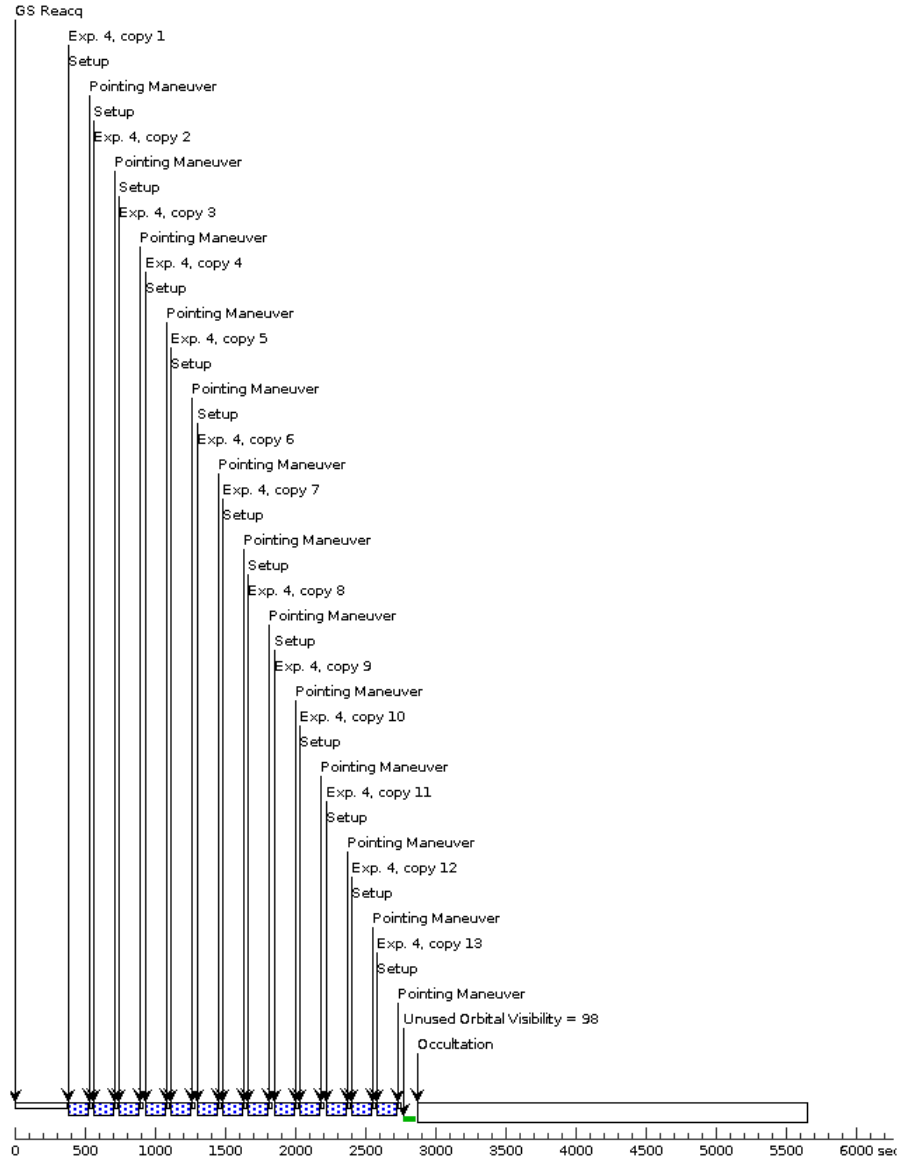
Unused Orbital Visibility = 98

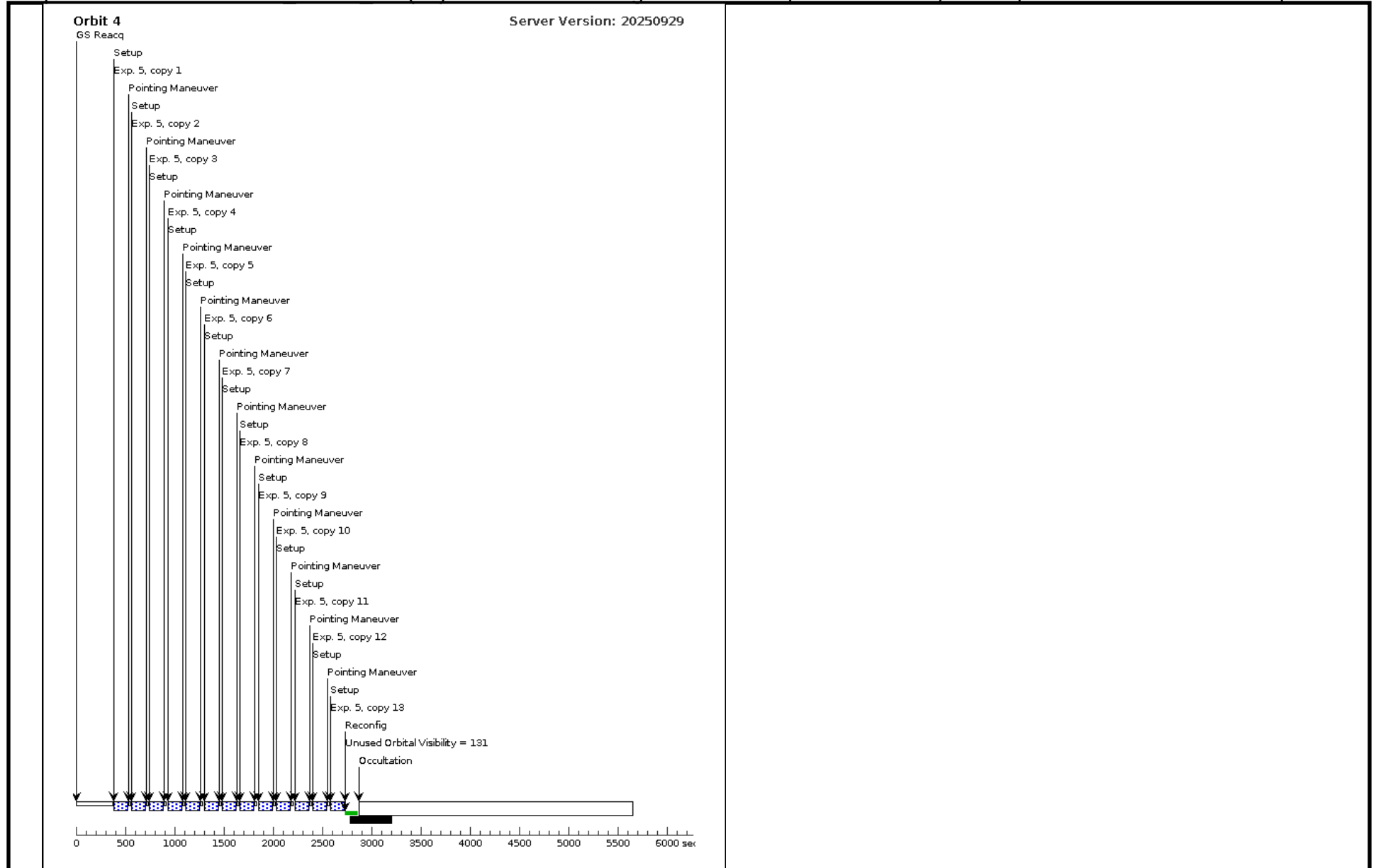
Occultation



Orbit 3

Server Version: 20250929





Proposal 17414 - TOI-1410 WFC3 V2 (15) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-1410_WFC3_V2 (15), withdrawn Tue Dec 23 18:03:14 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 1.21687505 D AND ZERO-PHASE HJD2458739.72927				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	TOI-1410	RA: 22 19 31.9783 (334.8832429d) Dec: +42 33 36.97 (42.56027d) Equinox: J2000	Proper Motion RA: -67.44 mas/yr Proper Motion Dec: 10.24 mas/yr Epoch of Position: 2000	V=11.11 Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO					

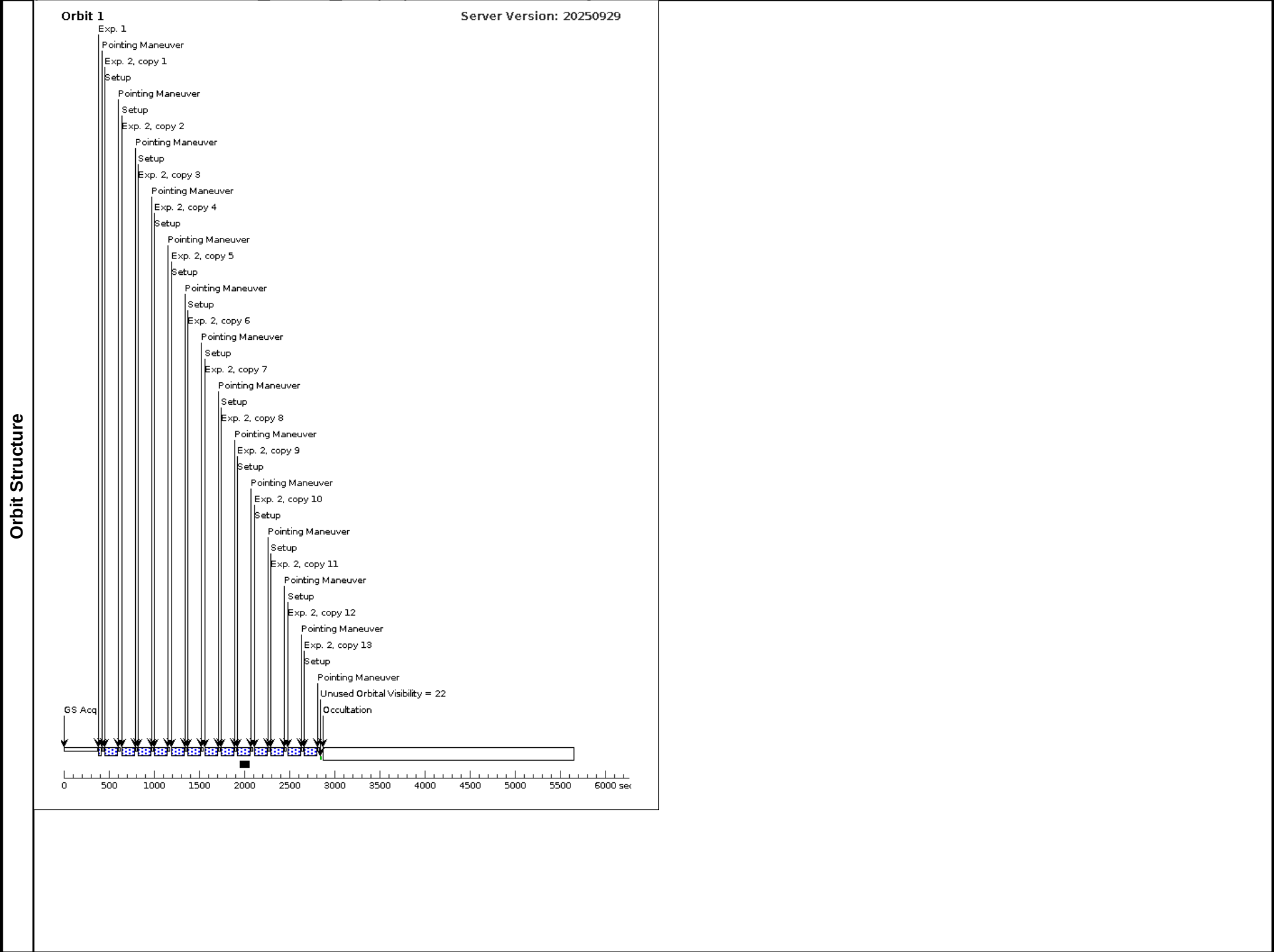
Proposal 17414 - TOI-1410 WFC3 V2 (15) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

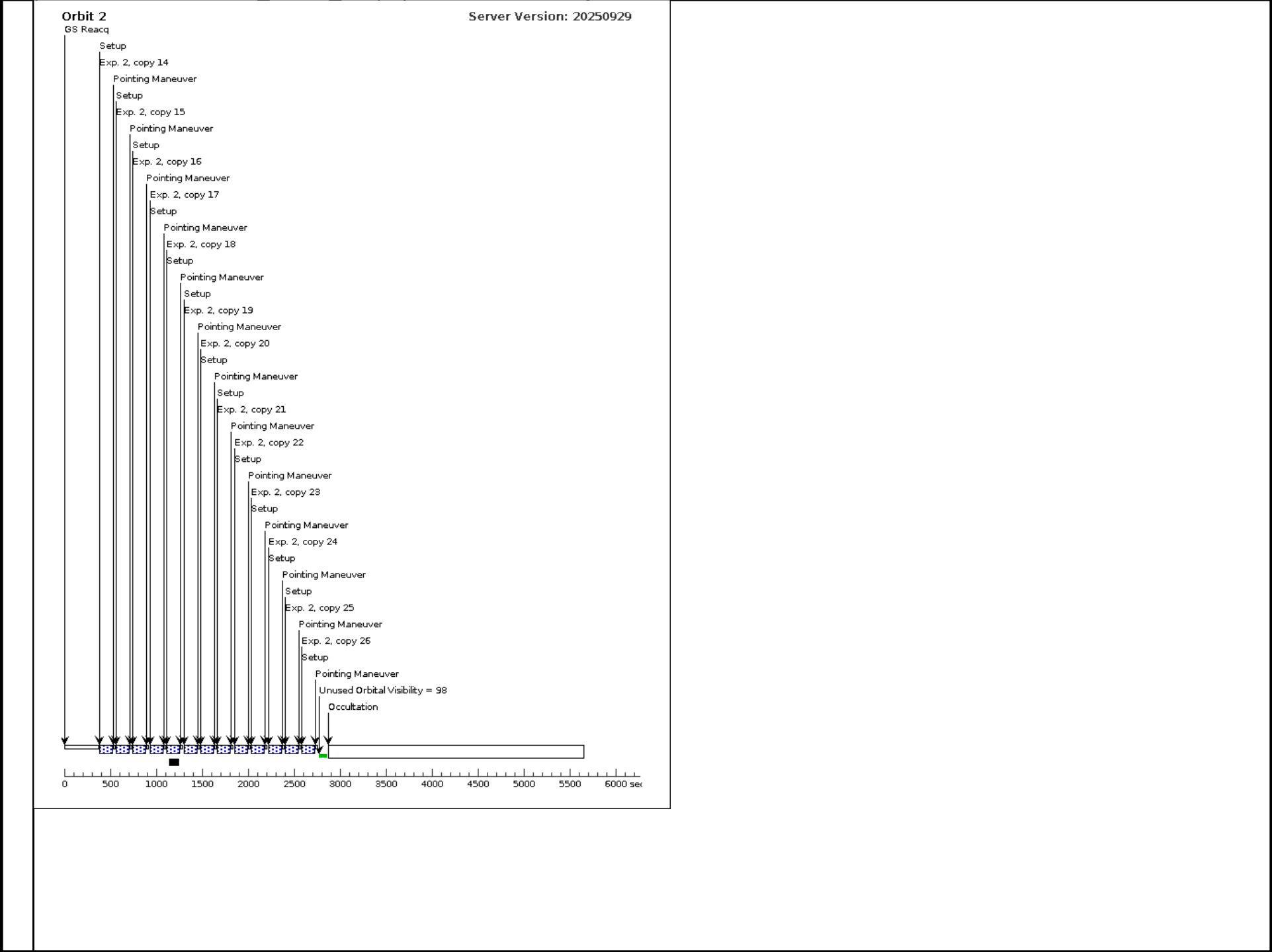
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) TOI-1410	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.8626 TO 0 .8856		1.66689 Secs (1.667 Secs) [==>]	
										[1]

Proposal 17414 - TOI-1410 WFC3 V2 (15) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

2	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	112.00801 Secs X 52 (5824.417 Secs)	[1]
						[==>(Copy 1)]	
						[==>(Copy 2)]	
						[==>(Copy 3)]	
						[==>(Copy 4)]	
						[==>(Copy 5)]	
						[==>(Copy 6)]	
						[==>(Copy 7)]	
						[==>(Copy 8)]	
						[==>(Copy 9)]	
						[==>(Copy 10)]	
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						[==>(Copy 12)]	
						[==>(Copy 13)]	
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						[==>(Copy 26)]	
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						[==>(Copy 37)]	
						[==>(Copy 38)]	
						[==>(Copy 39)]	

		[==>(Copy 40)] [==>(Copy 41)] [==>(Copy 42)] [==>(Copy 43)] [==>(Copy 44)] [==>(Copy 45)] [==>(Copy 46)] [==>(Copy 47)] [==>(Copy 48)] [==>(Copy 49)] [==>(Copy 50)] [==>(Copy 51)] [==>(Copy 52)]	[4]
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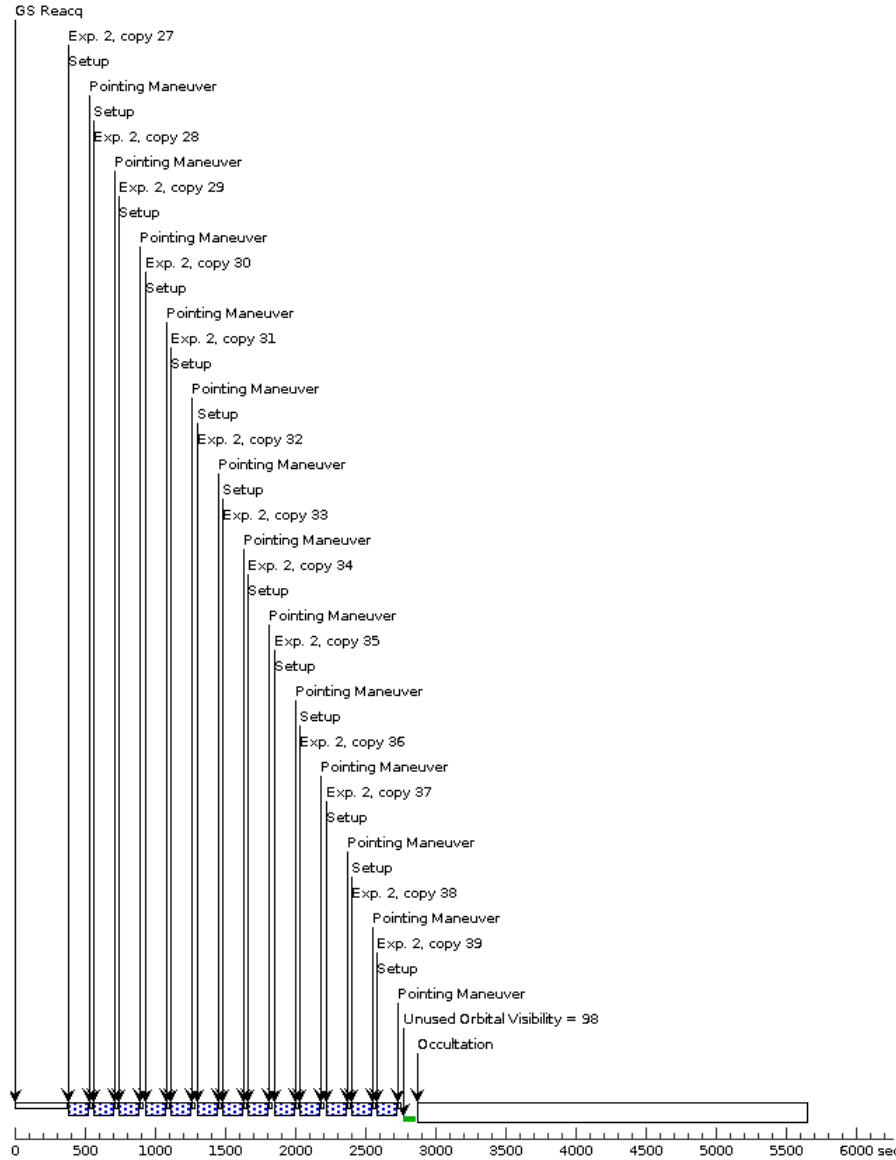


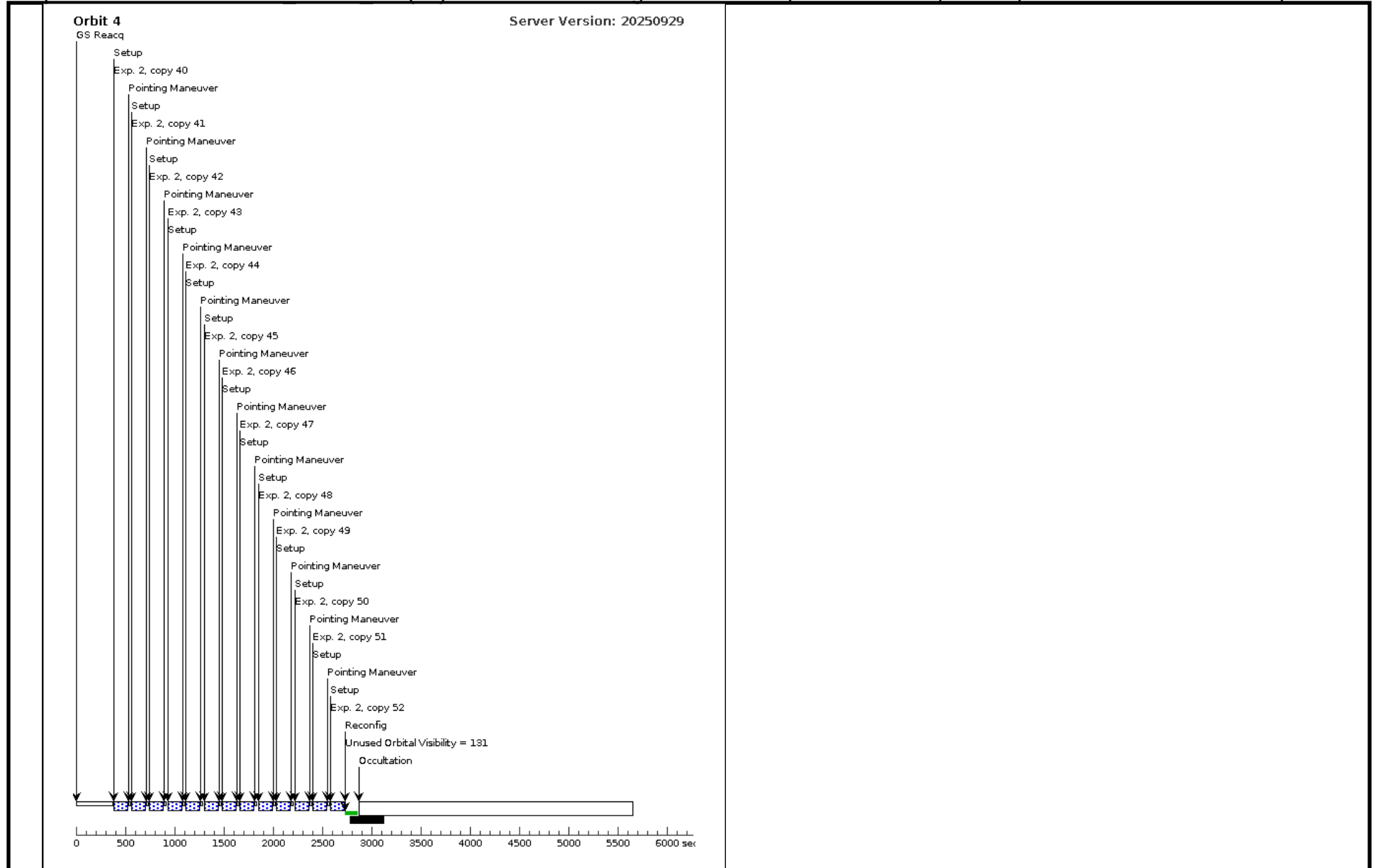


101

Orbit 3

Server Version: 20250929





Proposal 17414 - TOI-1410 WFC3 V2 (51) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

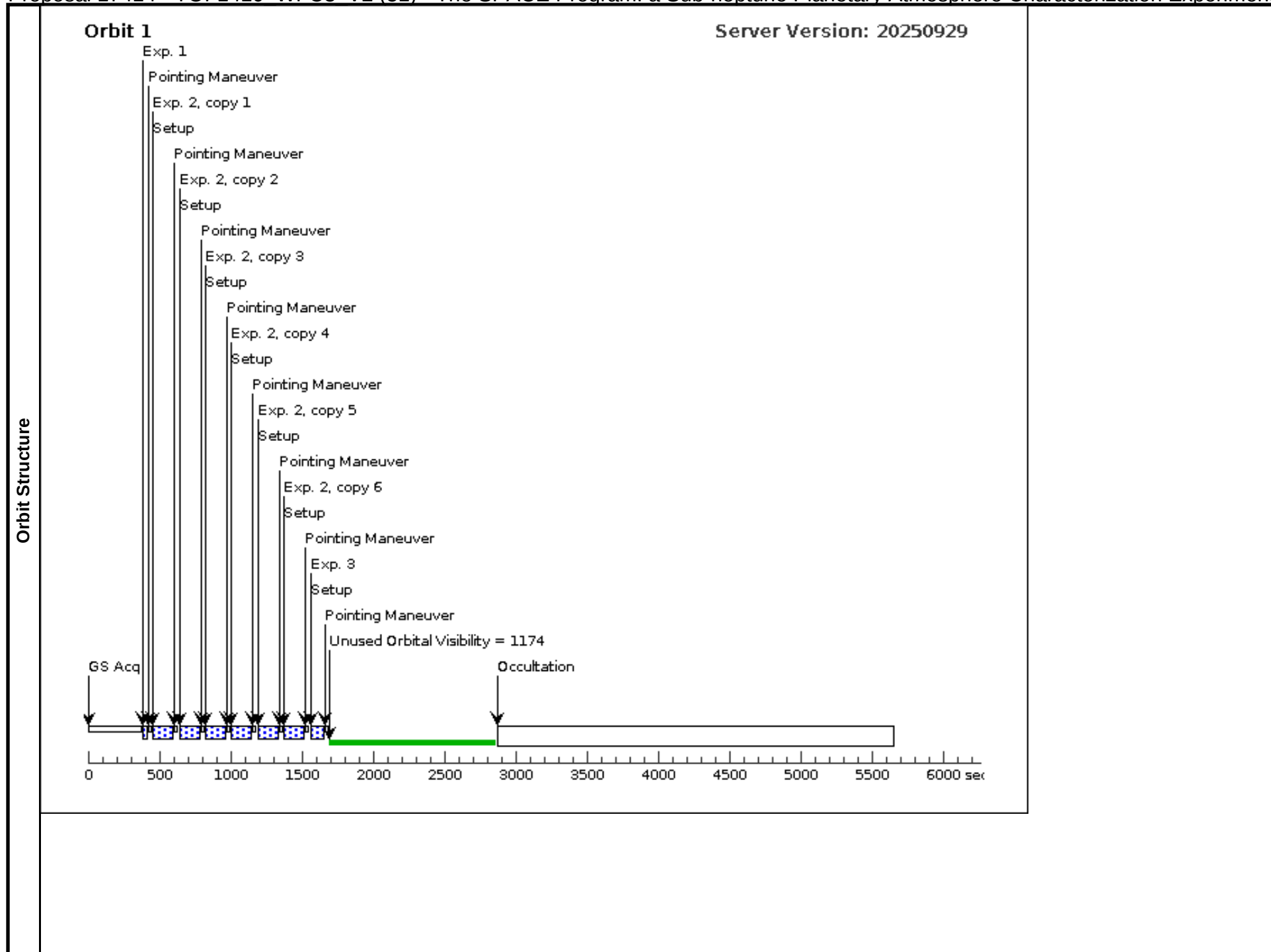
Visit	Proposal 17414, TOI-1410_WFC3_V2 (51), completed Tue Dec 23 18:03:14 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 1.21687505 D AND ZERO-PHASE HJD2458739.72927				
Diagnostics	(TOI-1410_WFC3_V2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(TOI-1410_WFC3_V2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(TOI-1410_WFC3_V2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(TOI-1410_WFC3_V2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(TOI-1410_WFC3_V2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(TOI-1410_WFC3_V2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	TOI-1410	RA: 22 19 31.9783 (334.8832429d)	Proper Motion RA: -67.44 mas/yr	V=11.11
			Dec: +42 33 36.97 (42.56027d)	Proper Motion Dec: 10.24 mas/yr	
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO				

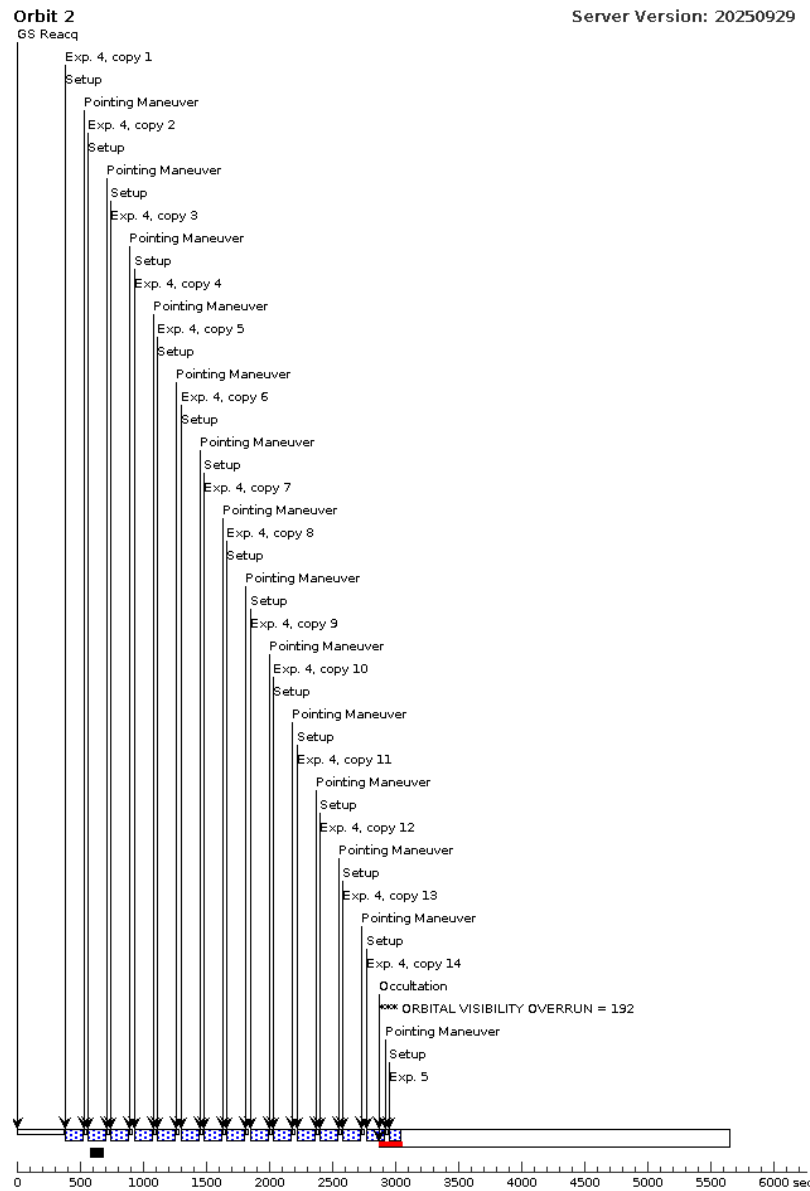
Proposal 17414 - TOI-1410 WFC3 V2 (51) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

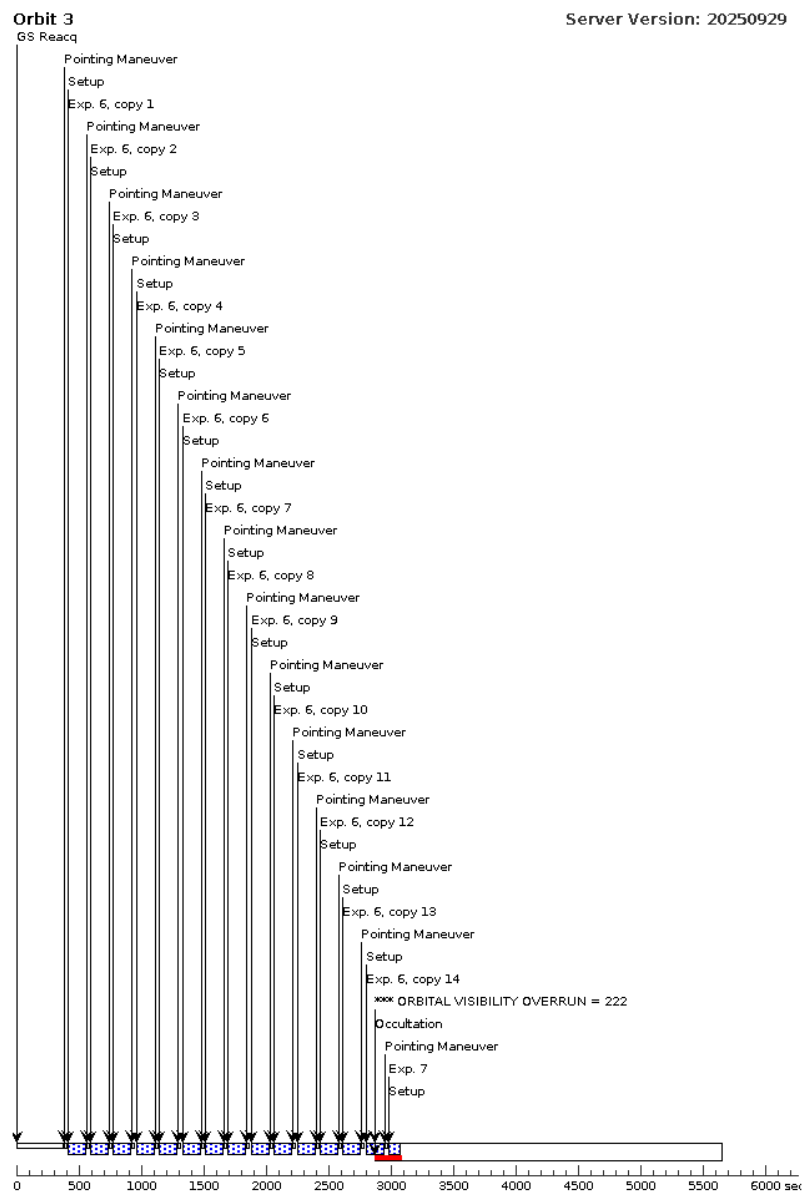
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) TOI-1410	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.8626 TO 0.8856		1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 2-3 Non-Int in TOI-1410_WFC3_V2 (51)	112.00801 Secs X 6 (672.048 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)]	[1]
	3		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=4; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 2-3 Non-Int in TOI-1410_WFC3_V2 (51)	67.315932 Secs (67.316 Secs) [==>]	[1]
	4		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 4-5 Non-Int in TOI-1410_WFC3_V2 (51)	112.00801 Secs X 14 (1568.112 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[2]
	5		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=4; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 4-5 Non-Int in TOI-1410_WFC3_V2 (51)	67.315932 Secs (67.316 Secs) [==>]	[2]

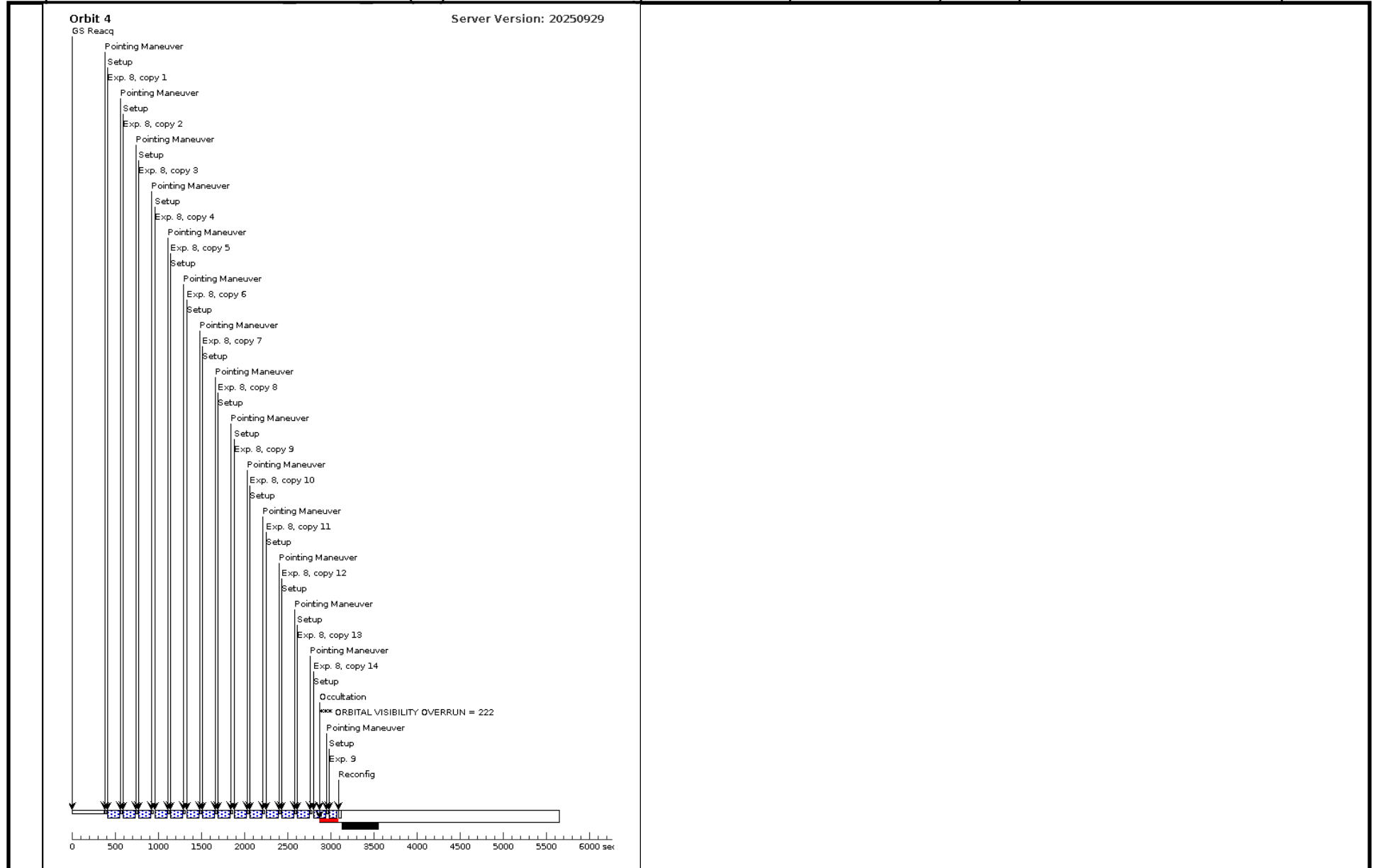
Proposal 17414 - TOI-1410 WFC3 V2 (51) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

6	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 6-7 Non-Int in TOI-1410_WFC3_V2 (51)	112.00801 Secs X 14 (1568.112 Secs)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[3]
7	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=4; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 6-7 Non-Int in TOI-1410_WFC3_V2 (51)	67.315932 Secs (67.316 Secs)	
							[==>]	[3]
8	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 8-9 Non-Int in TOI-1410_WFC3_V2 (51)	112.00801 Secs X 14 (1568.112 Secs)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[4]
9	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=4; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 8-9 Non-Int in TOI-1410_WFC3_V2 (51)	67.315932 Secs (67.316 Secs)	
							[==>]	[4]









Proposal 17414 - TOI-1410 WFC3 V3 (16) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

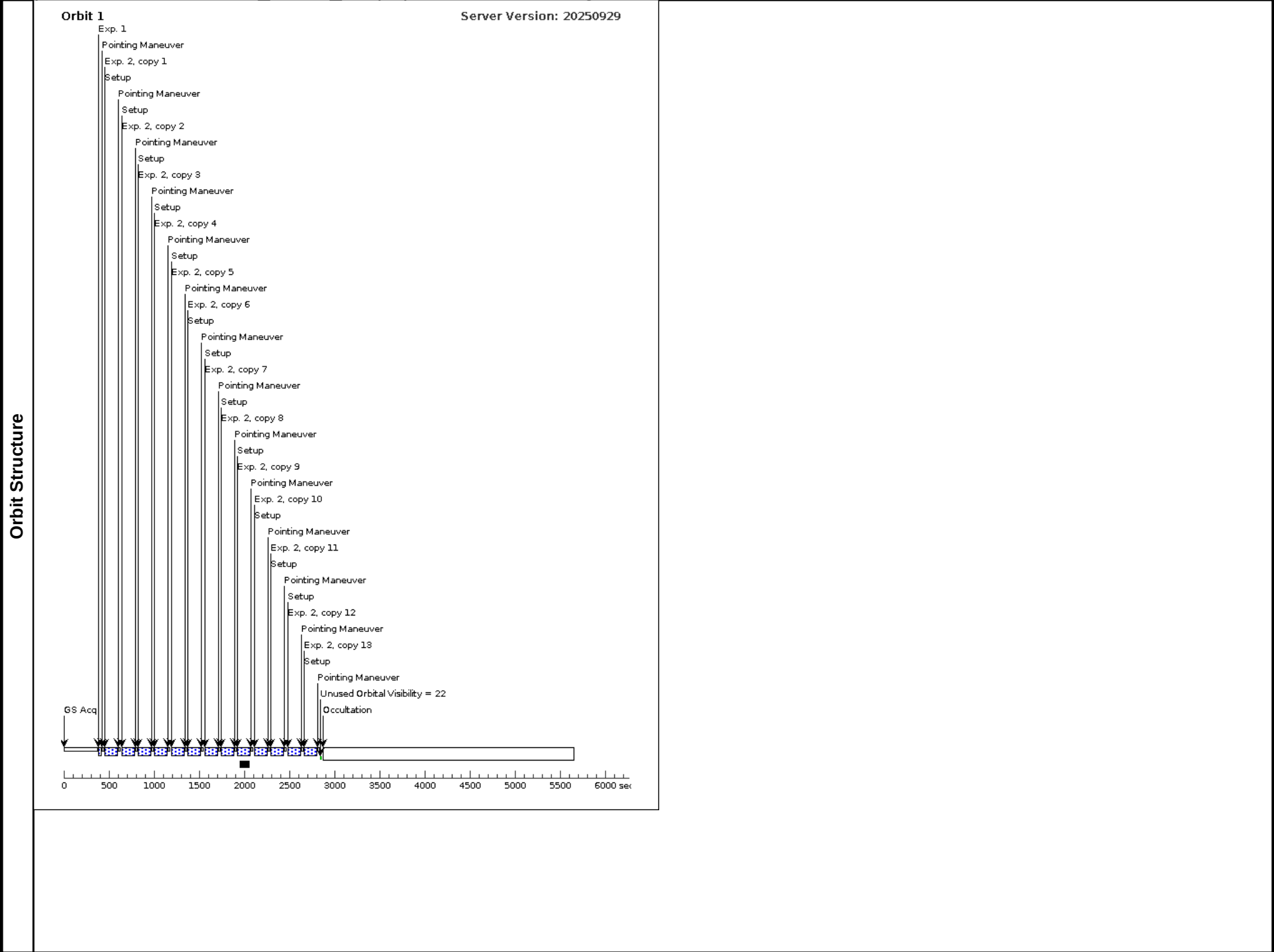
Visit	Proposal 17414, TOI-1410_WFC3_V3 (16), completed					Tue Dec 23 18:03:14 GMT 2025
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; Period 1.21687505 D AND ZERO-PHASE HJD2458739.72927					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	TOI-1410	RA: 22 19 31.9783 (334.8832429d)	Proper Motion RA: -67.44 mas/yr	V=11.11	Reference Frame: ICRS
			Dec: +42 33 36.97 (42.56027d)	Proper Motion Dec: 10.24 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM]					
	Extended=NO					

Proposal 17414 - TOI-1410 WFC3 V3 (16) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) TOI-1410	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.8626 TO 0.8856	Sequence 1-2 Non-Int in TOI-1410_WFC3_V3 (16)	1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-2 Non-Int in TOI-1410_WFC3_V3 (16)	112.00801 Secs X 13 (1456.104 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[1]
	3		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 3-3 Non-Int in TOI-1410_WFC3_V3 (16)	112.00801 Secs X 13 (1456.104 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[2]

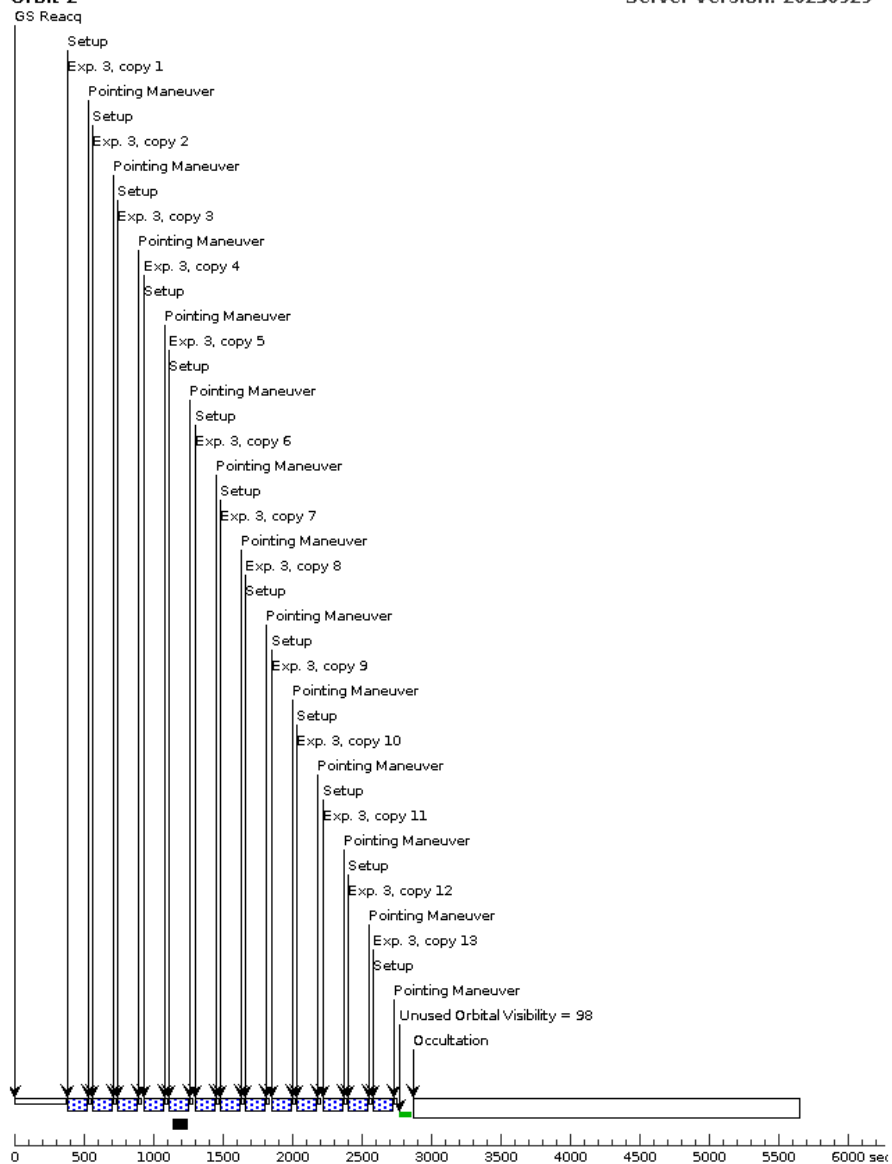
Proposal 17414 - TOI-1410 WFC3 V3 (16) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

4	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 4-4 Non-Int in TOI-1410_WFC3_V3 (16)	112.00801 Secs X 13 (1456.104 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
5	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-5 Non-Int in TOI-1410_WFC3_V3 (16)	112.00801 Secs X 13 (1456.104 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	



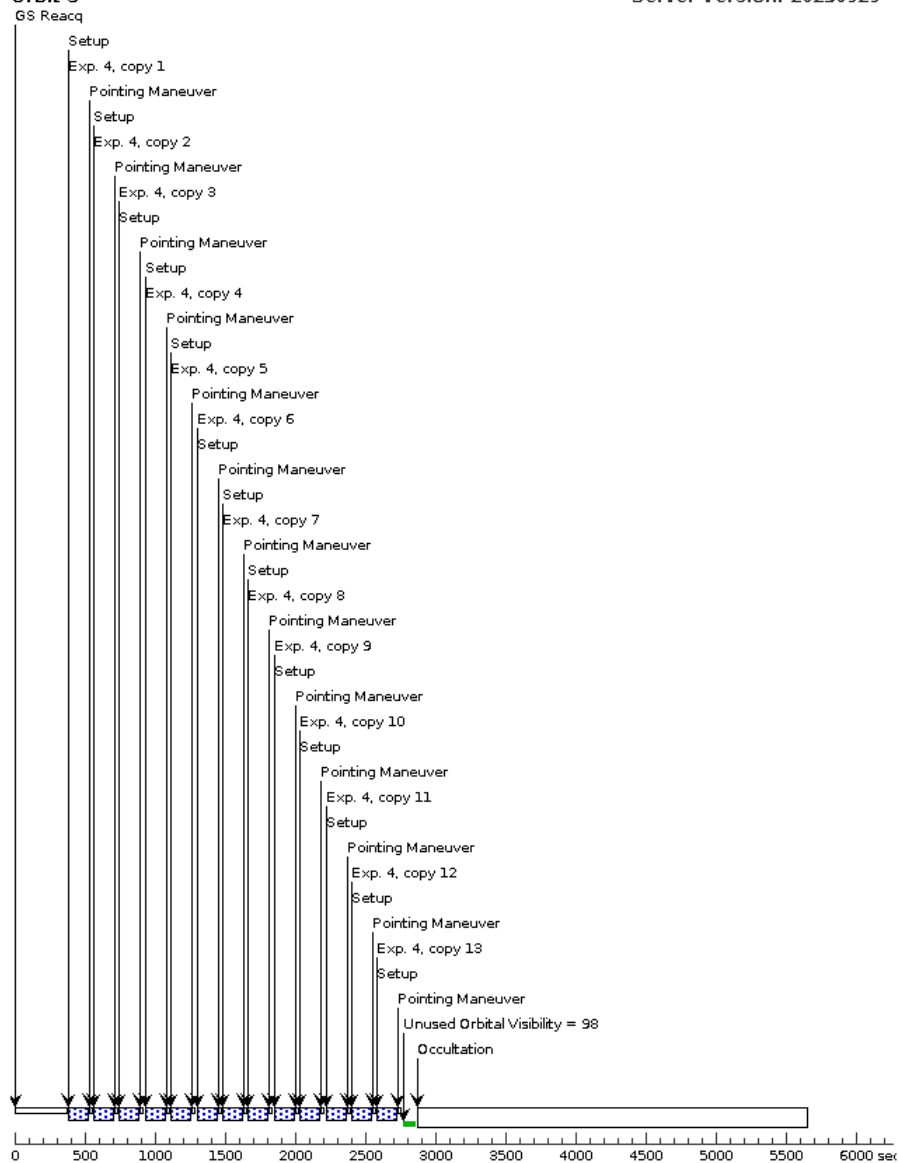
Orbit 2

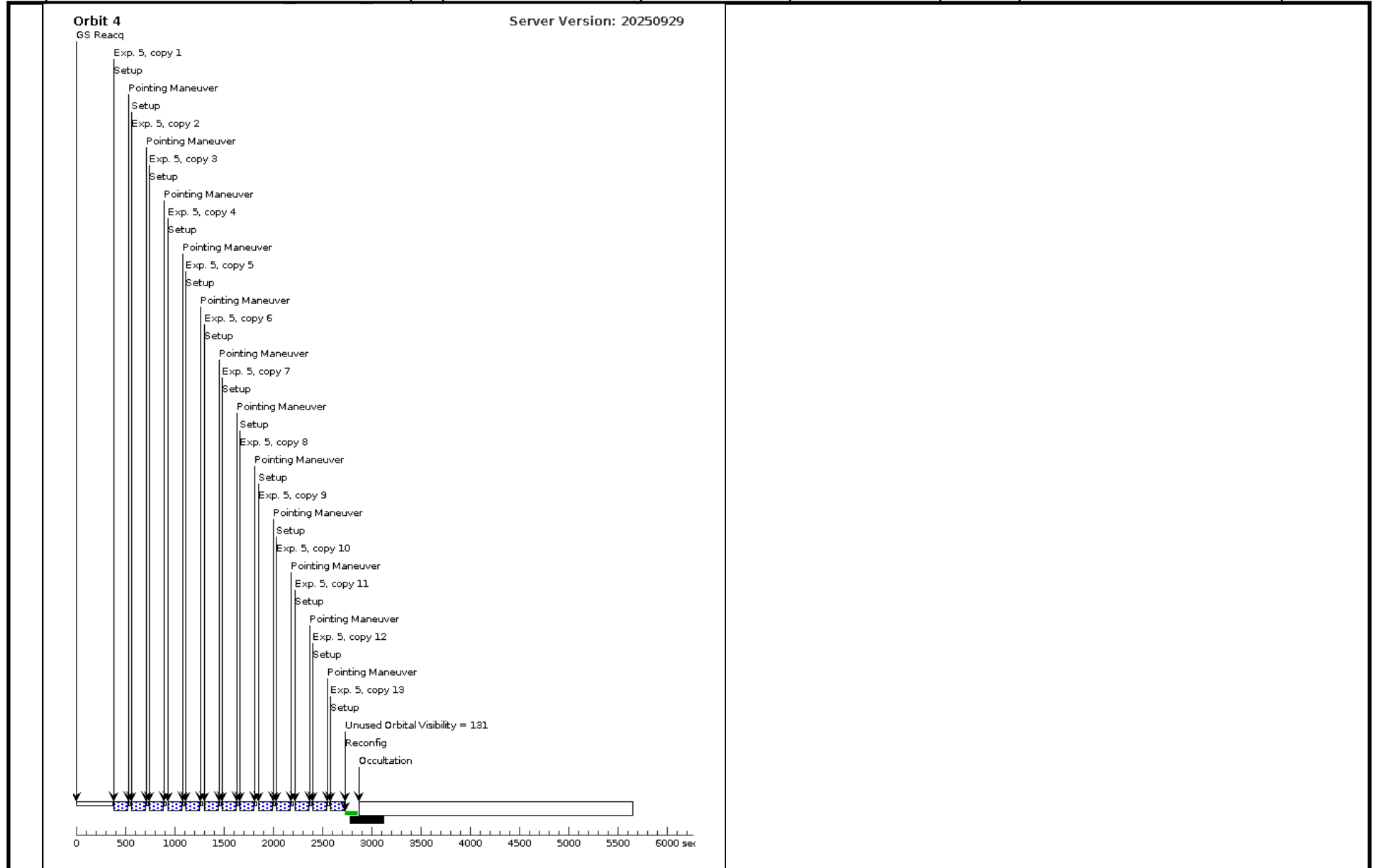
Server Version: 20250929



Orbit 3

Server Version: 20250929





Proposal 17414 - TOI-1410 WFC3 V4 (17) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

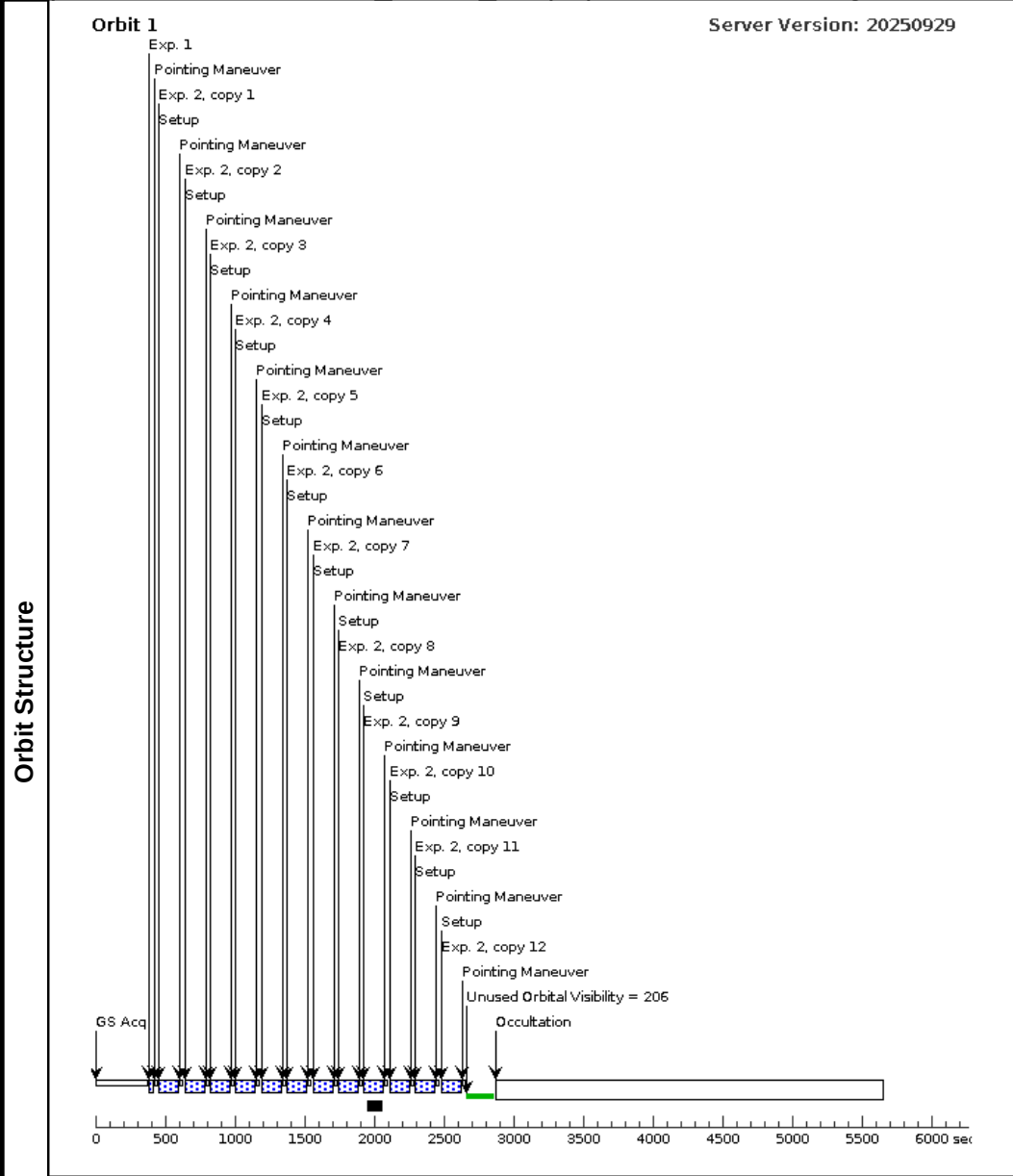
Visit	Proposal 17414, TOI-1410_WFC3_V4 (17), completed					Tue Dec 23 18:03:14 GMT 2025
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; Period 1.21687505 D AND ZERO-PHASE HJD2458739.72927; SEQ 14,17 WITHIN 4 D					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	TOI-1410	RA: 22 19 31.9783 (334.8832429d)	Proper Motion RA: -67.44 mas/yr	V=11.11	Reference Frame: ICRS
			Dec: +42 33 36.97 (42.56027d)	Proper Motion Dec: 10.24 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM]					
	Extended=NO					

Proposal 17414 - TOI-1410 WFC3 V4 (17) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) TOI-1410	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.8626 TO 0.8856	Sequence 1-2 Non-Int in TOI-1410_WFC3_V4 (17)	1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-2 Non-Int in TOI-1410_WFC3_V4 (17)	112.00801 Secs X 12 (1344.096 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	3		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 3-3 Non-Int in TOI-1410_WFC3_V4 (17)	112.00801 Secs X 13 (1456.104 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[2]

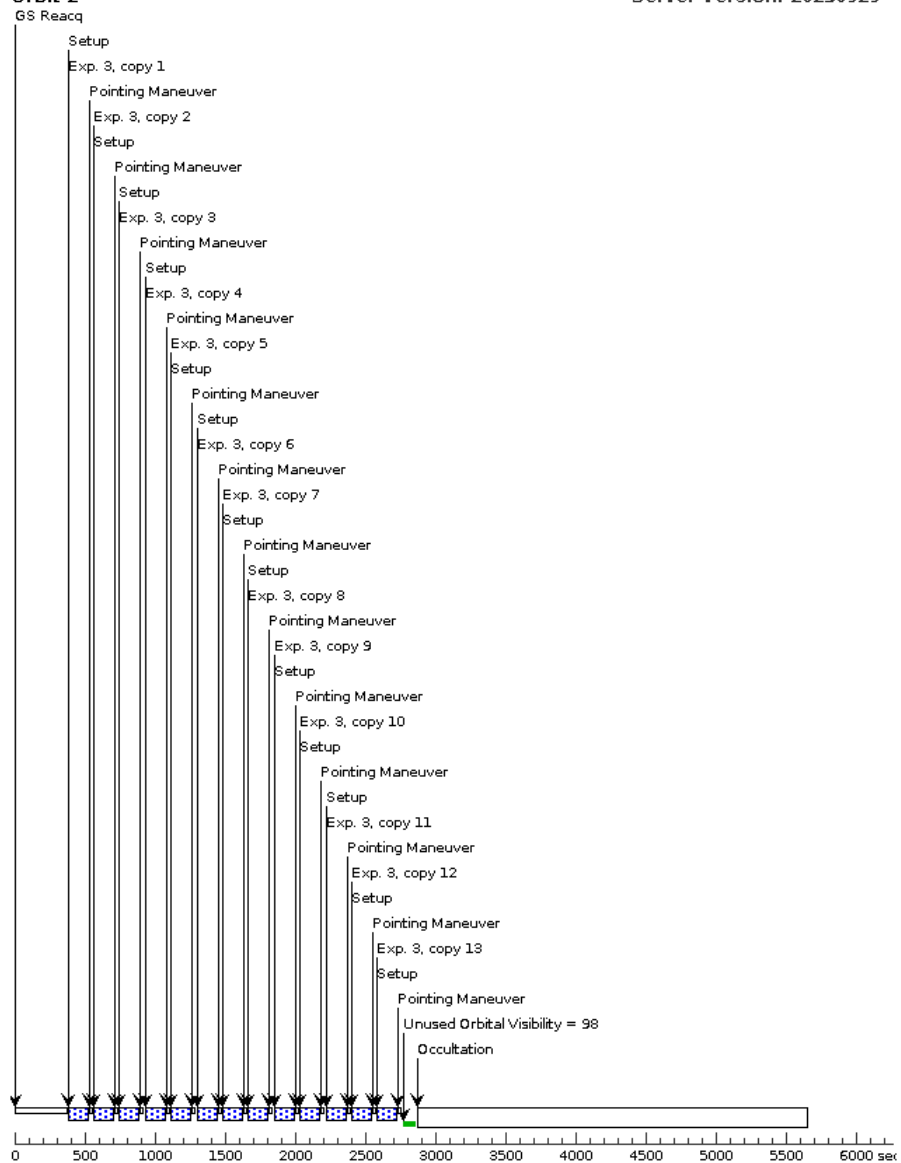
Proposal 17414 - TOI-1410 WFC3 V4 (17) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

4	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 4-4 Non-Int in TOI-1410_WFC3_V4 (17)	112.00801 Secs X 13 (1456.104 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
5	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-5 Non-Int in TOI-1410_WFC3_V4 (17)	112.00801 Secs X 13 (1456.104 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	



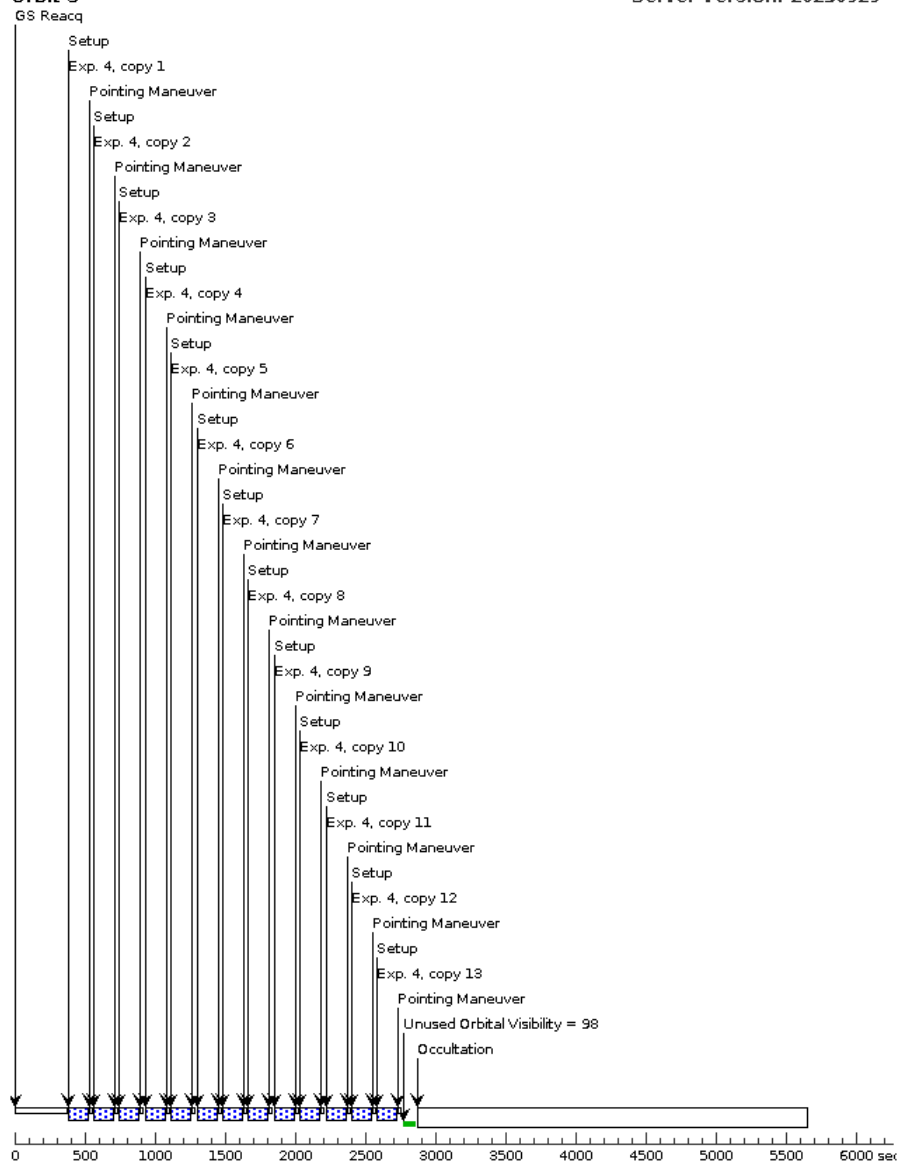
Orbit 2

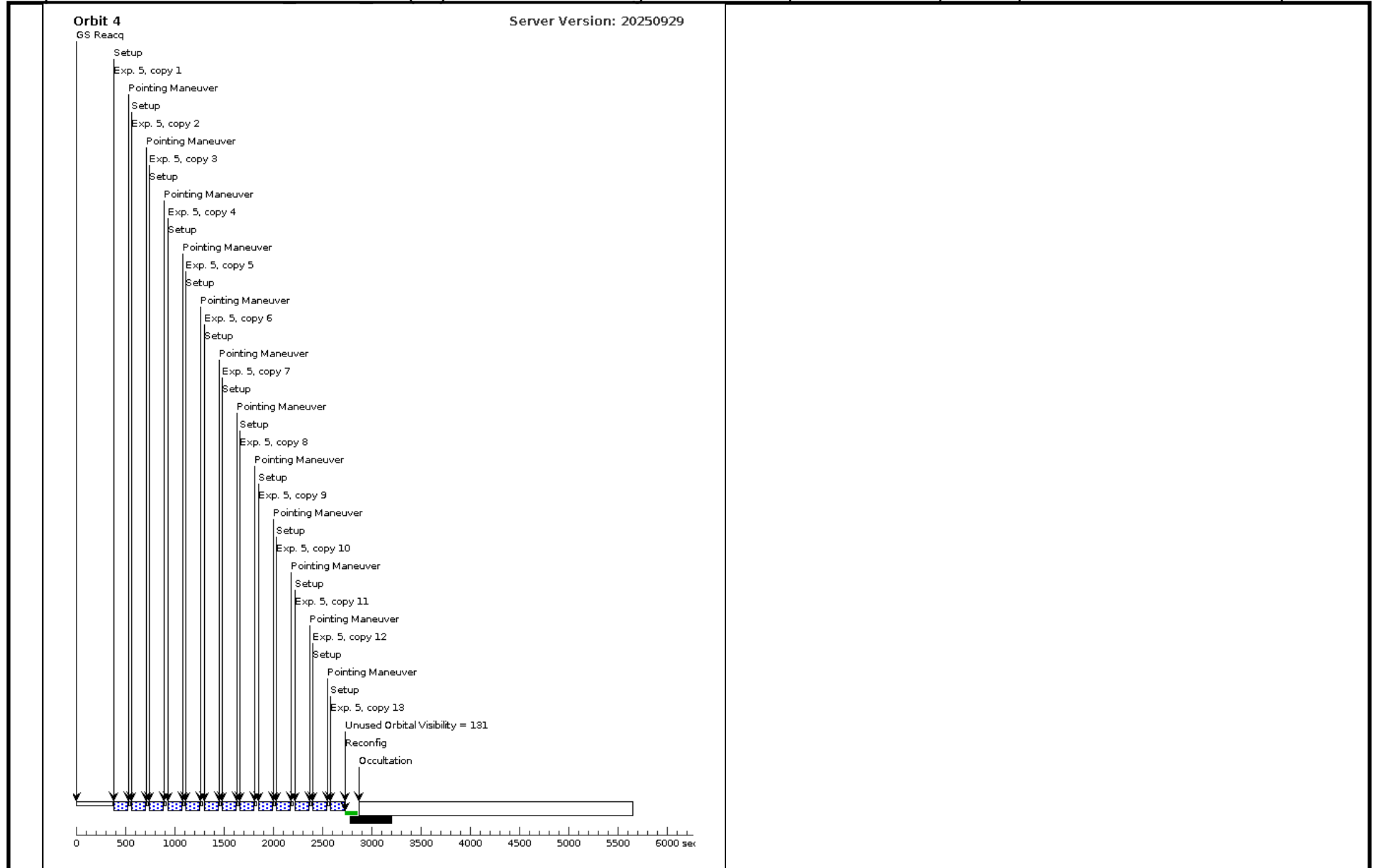
Server Version: 20250929



Orbit 3

Server Version: 20250929





Proposal 17414 - TOI-1410 WFC3 V5 (18) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-1410_WFC3_V5 (18), withdrawn					Tue Dec 23 18:03:14 GMT 2025
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; Period 1.21687505 D AND ZERO-PHASE HJD2458739.72927					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	TOI-1410	RA: 22 19 31.9783 (334.8832429d)	Proper Motion RA: -67.44 mas/yr	V=11.11	Reference Frame: ICRS
			Dec: +42 33 36.97 (42.56027d)	Proper Motion Dec: 10.24 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM]					
	Extended=NO					

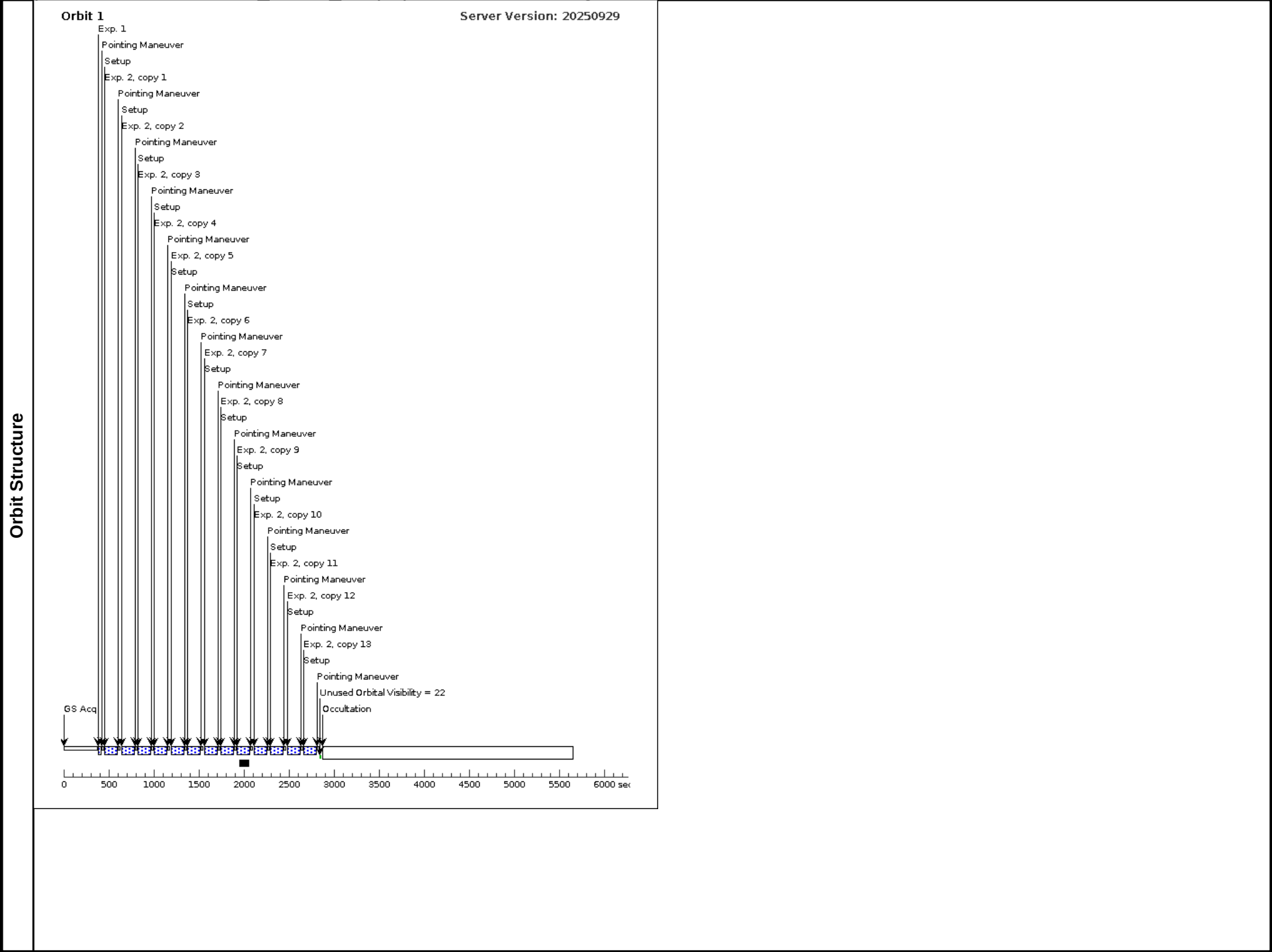
Proposal 17414 - TOI-1410 WFC3 V5 (18) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

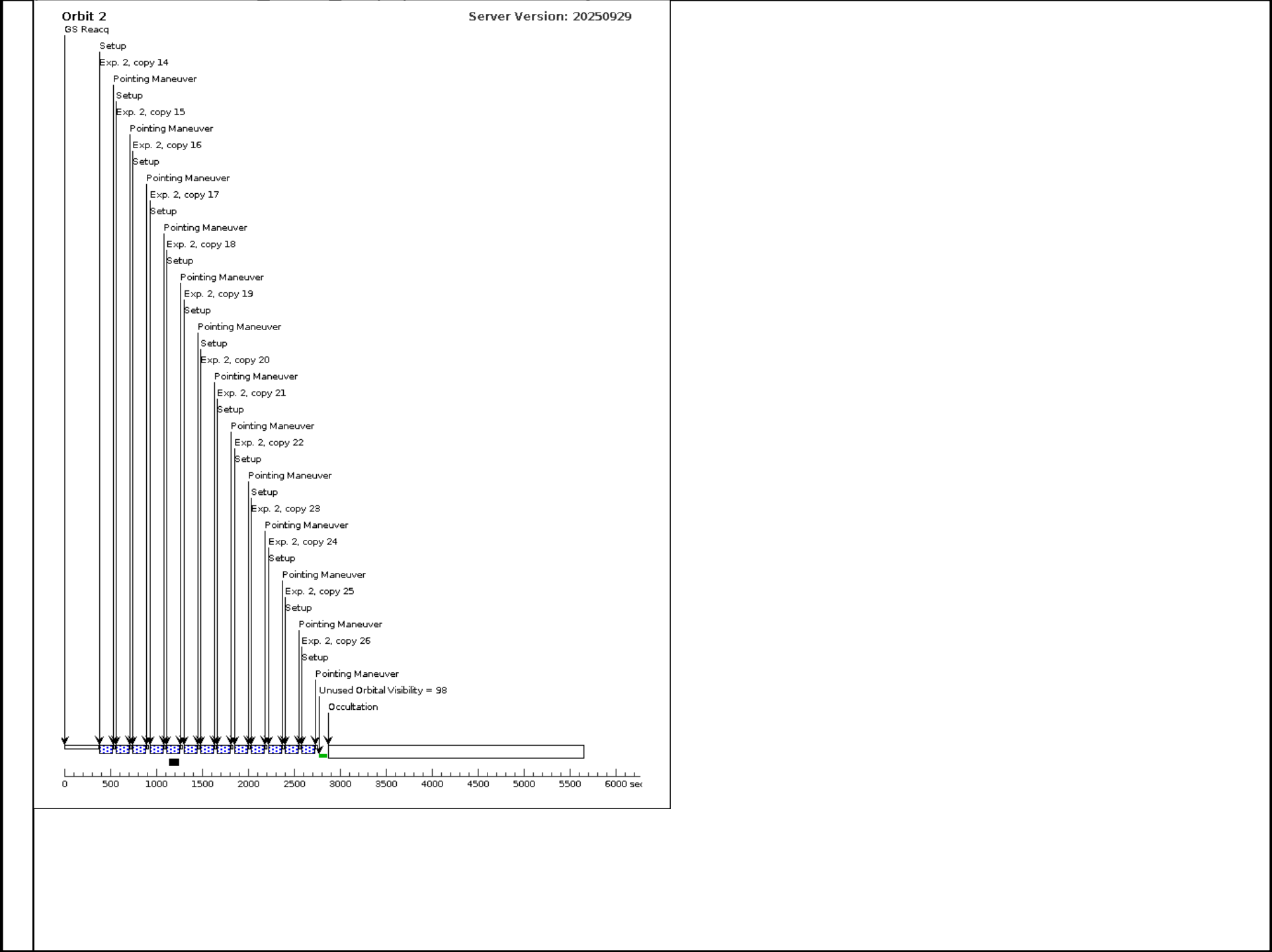
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) TOI-1410	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.8626 TO 0 .8856		1.66689 Secs (1.667 Secs) [==>]	
										[1]

Proposal 17414 - TOI-1410 WFC3 V5 (18) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

2	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	112.00801 Secs X 52 (5824.417 Secs)	[1]
						[==>(Copy 1)]	
						[==>(Copy 2)]	
						[==>(Copy 3)]	
						[==>(Copy 4)]	
						[==>(Copy 5)]	
						[==>(Copy 6)]	
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						[==>(Copy 8)]	
						[==>(Copy 9)]	
						[==>(Copy 10)]	
						[==>(Copy 11)]	
						[==>(Copy 12)]	
						[==>(Copy 13)]	
						[==>(Copy 14)]	[2]
						[==>(Copy 15)]	
						[==>(Copy 16)]	
						[==>(Copy 17)]	
						[==>(Copy 18)]	
						[==>(Copy 19)]	
						[==>(Copy 20)]	
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						[==>(Copy 24)]	
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						[==>(Copy 26)]	
						[==>(Copy 27)]	[3]
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						[==>(Copy 38)]	
						[==>(Copy 39)]	

		[==>(Copy 40)] [==>(Copy 41)] [==>(Copy 42)] [==>(Copy 43)] [==>(Copy 44)] [==>(Copy 45)] [==>(Copy 46)] [==>(Copy 47)] [==>(Copy 48)] [==>(Copy 49)] [==>(Copy 50)] [==>(Copy 51)] [==>(Copy 52)]	[4]
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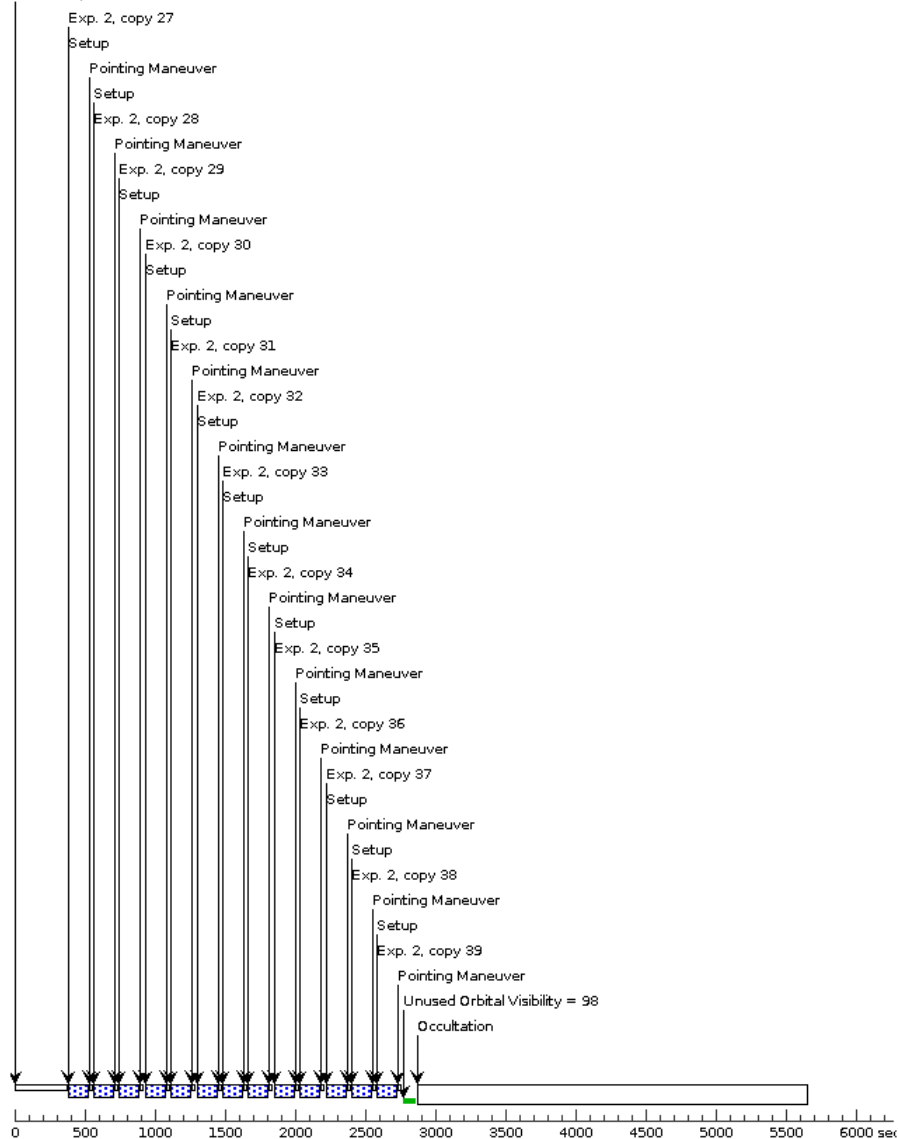


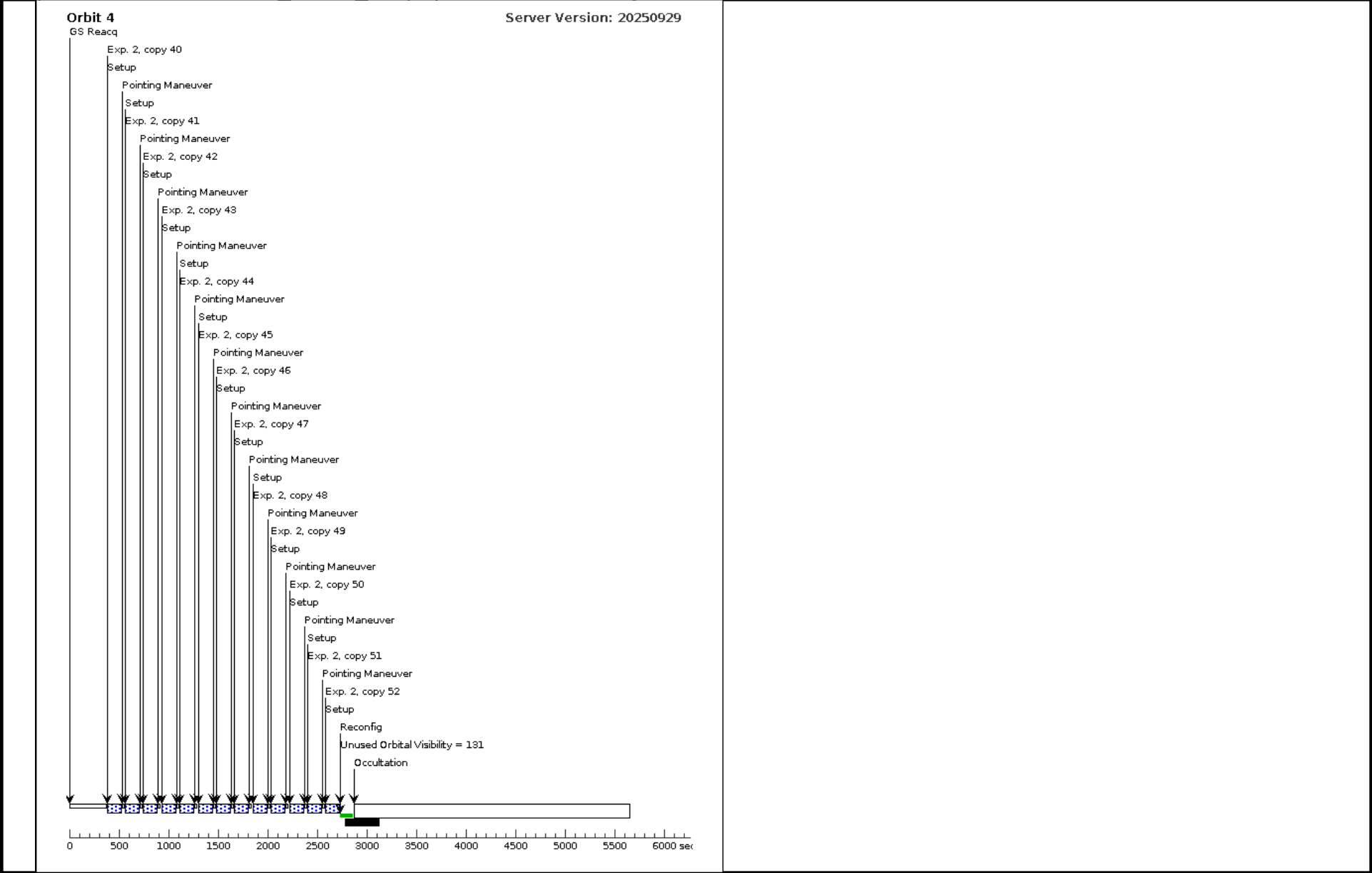


Orbit 3

Server Version: 20250929

GS Reacq





Proposal 17414 - TOI-1410 WFC3 V5 (81) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

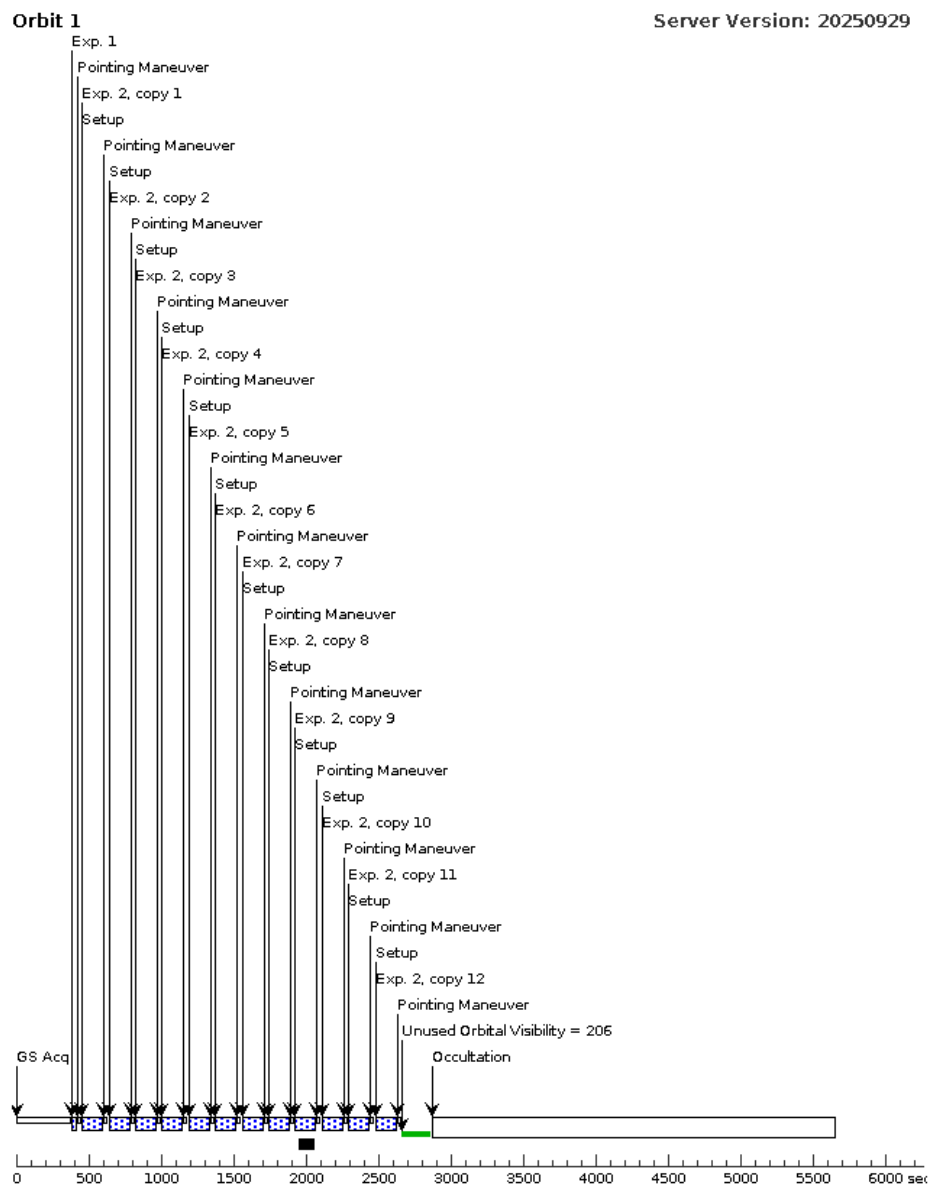
Visit	Proposal 17414, TOI-1410_WFC3_V5 (81), completed					Tue Dec 23 18:03:14 GMT 2025
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; Period 1.21687505 D AND ZERO-PHASE HJD2458739.72927					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	TOI-1410	RA: 22 19 31.9783 (334.8832429d)	Proper Motion RA: -67.44 mas/yr	V=11.11	Reference Frame: ICRS
			Dec: +42 33 36.97 (42.56027d)	Proper Motion Dec: 10.24 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM]					
	Extended=NO					

Proposal 17414 - TOI-1410 WFC3 V5 (81) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) TOI-1410	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.8626 TO 0.8856	Sequence 1-2 Non-Int in TOI-1410_WFC3_V5 (81)	1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-2 Non-Int in TOI-1410_WFC3_V5 (81)	112.00801 Secs X 12 (1344.096 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	3		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 3-3 Non-Int in TOI-1410_WFC3_V5 (81)	112.00801 Secs X 13 (1456.104 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[2]

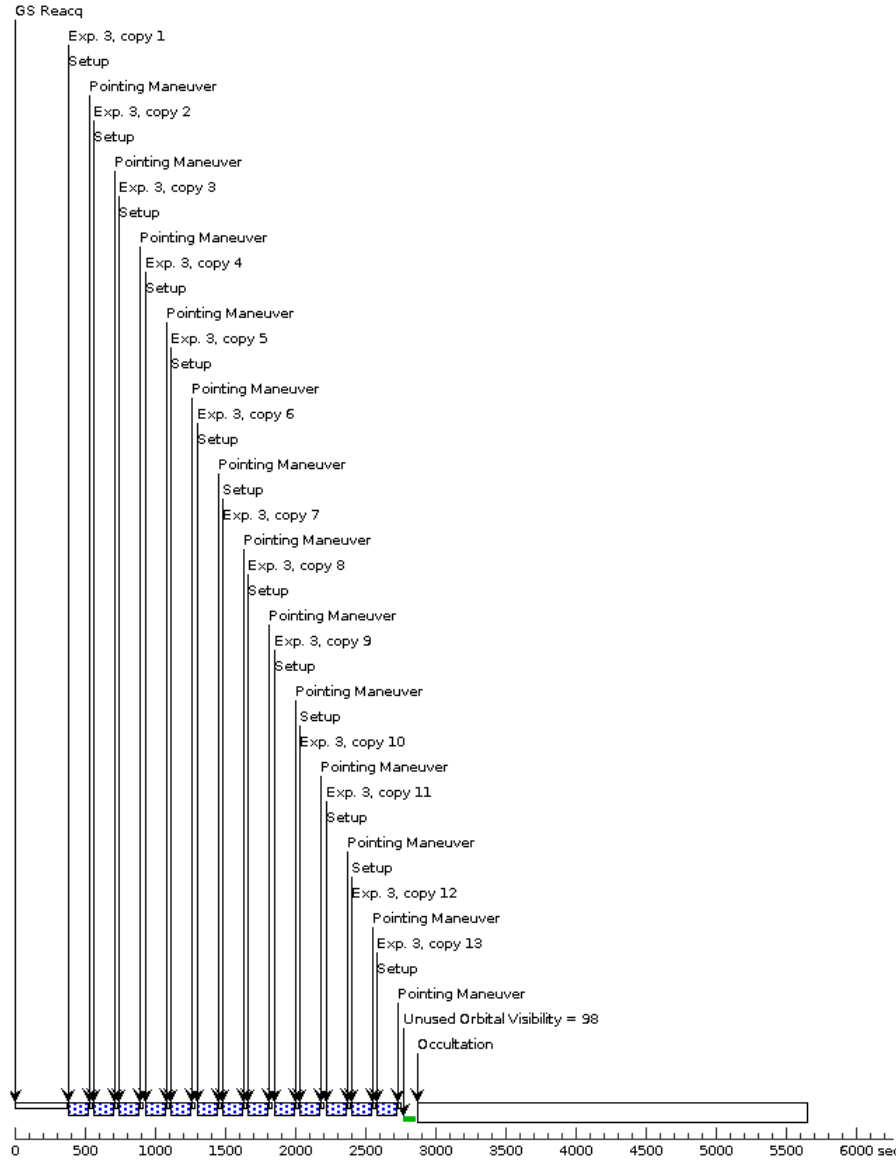
Proposal 17414 - TOI-1410 WFC3 V5 (81) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

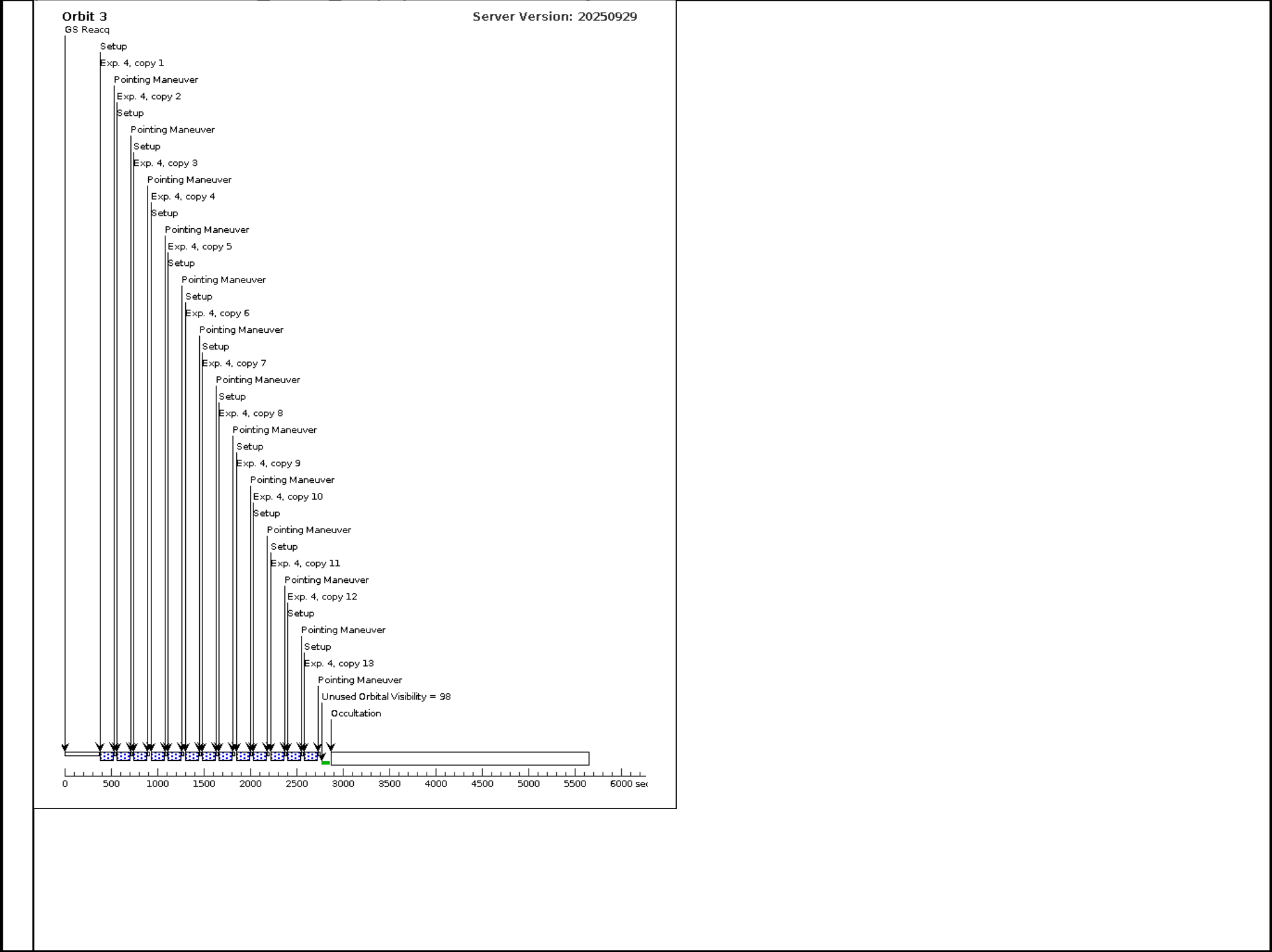
4	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 4-4 Non-Int in TOI-1410_WFC3_V5 (81)	112.00801 Secs X 13 (1456.104 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
5	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-5 Non-Int in TOI-1410_WFC3_V5 (81)	112.00801 Secs X 13 (1456.104 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	

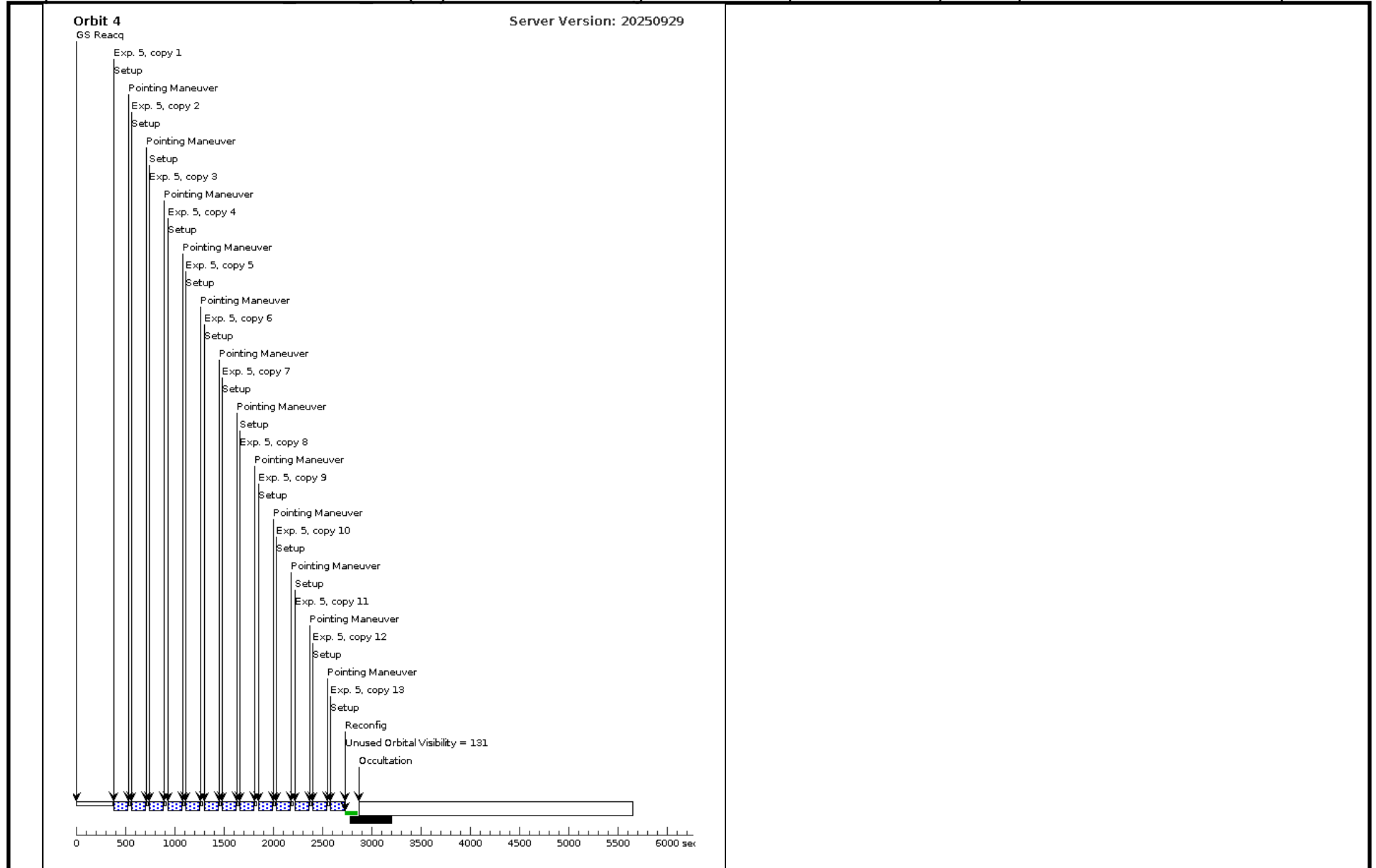


Orbit 2

Server Version: 20250929







Proposal 17414 - TOI-1410 WFC3 V5 (24) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

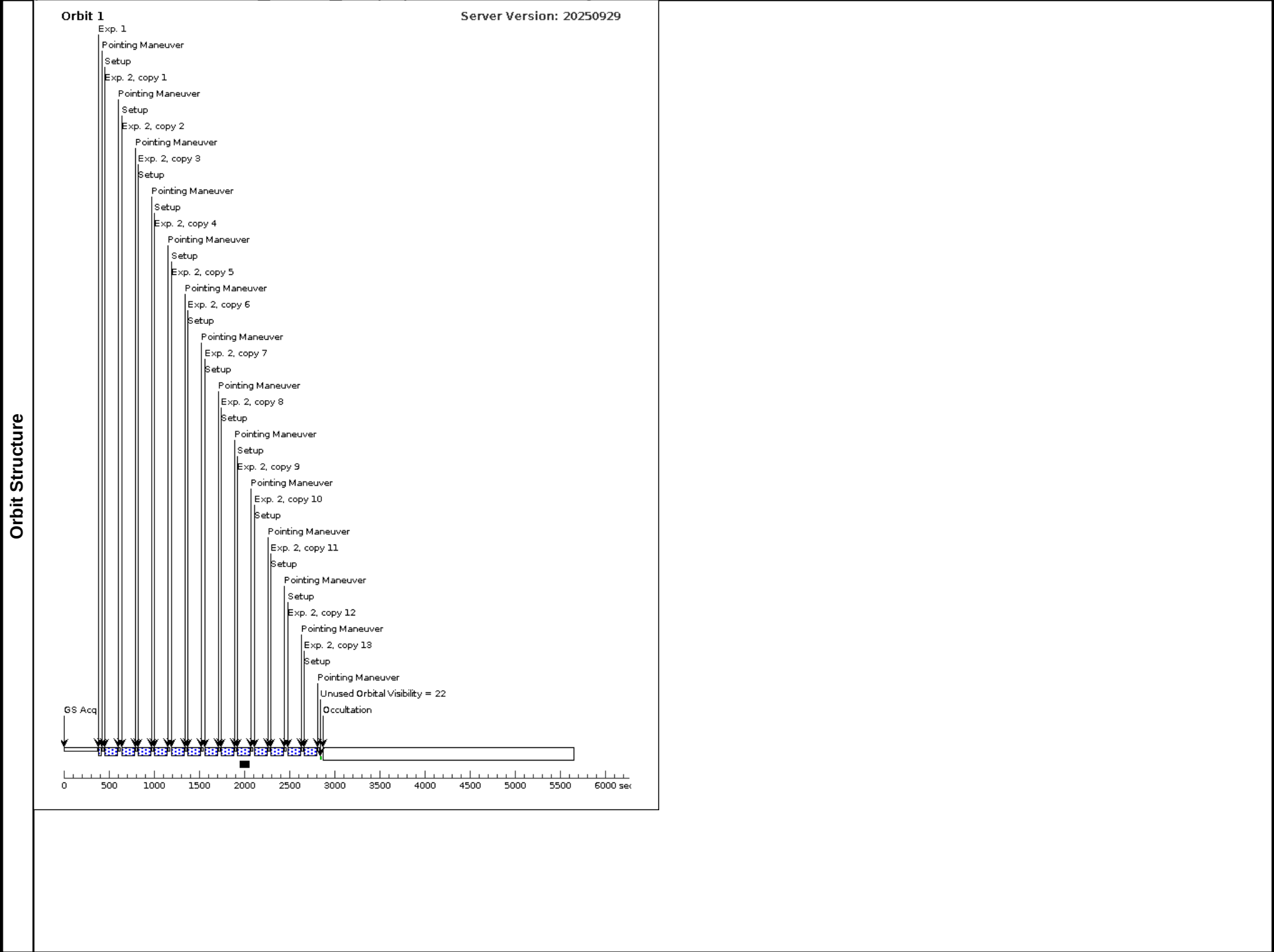
Visit	Proposal 17414, TOI-1410_WFC3_V5 (24), completed Tue Dec 23 18:03:14 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 1.21687505 D AND ZERO-PHASE HJD2458739.72927				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	TOI-1410	RA: 22 19 31.9783 (334.8832429d) Dec: +42 33 36.97 (42.56027d) Equinox: J2000	Proper Motion RA: -67.44 mas/yr Proper Motion Dec: 10.24 mas/yr Epoch of Position: 2000	V=11.11 Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO					

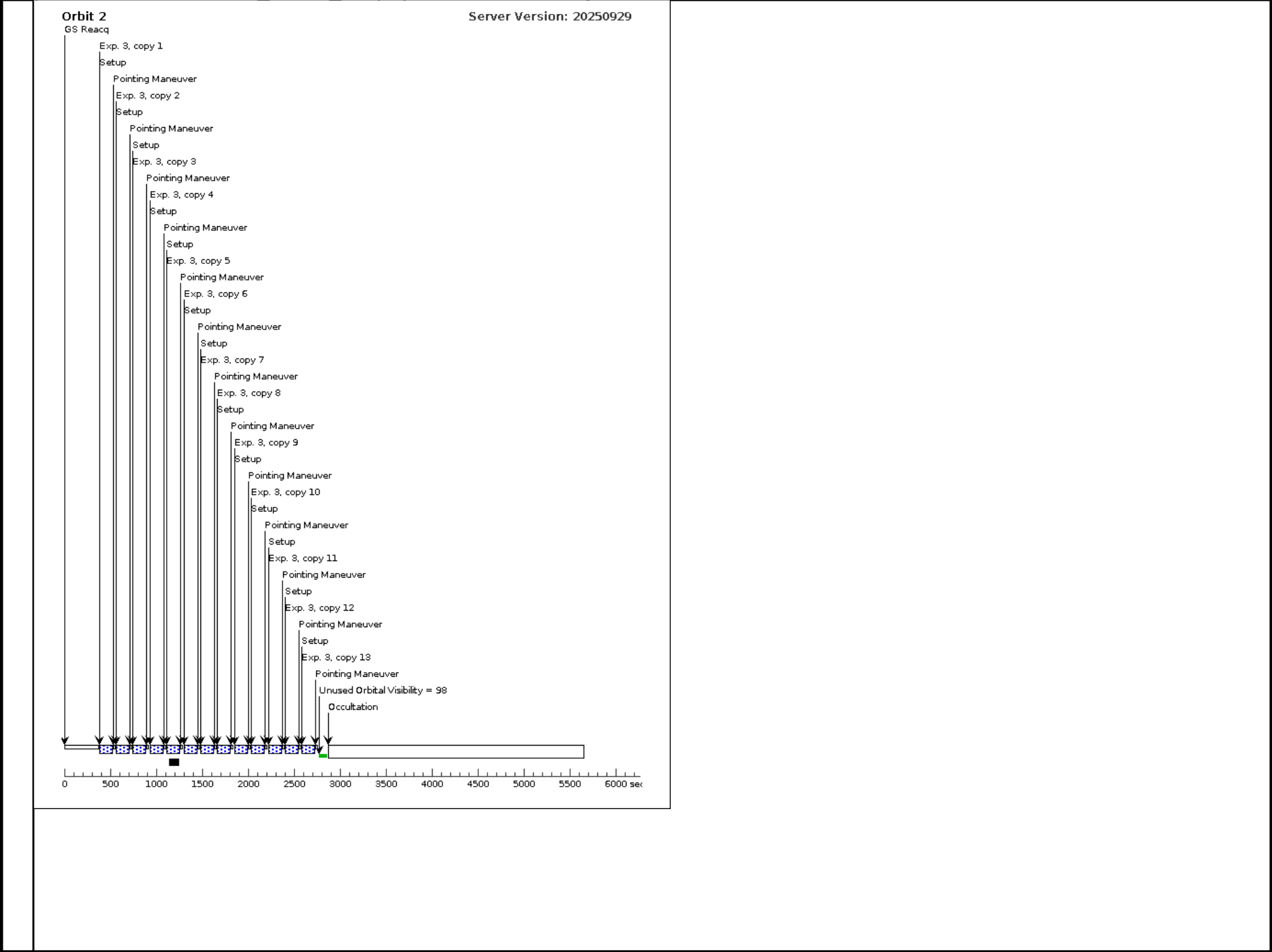
Proposal 17414 - TOI-1410 WFC3 V5 (24) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) TOI-1410	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.8626 TO 0.8856		1.66689 Secs (1.667 Secs)	
									[==>]	[1]
	2		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 2-2 Non-Int in TOI-1410_WFC3_V5 (24)	112.00801 Secs X 13 (1456.104 Secs)	
									[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[1]
	3		(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 3-3 Non-Int in TOI-1410_WFC3_V5 (24)	112.00801 Secs X 13 (1456.104 Secs)	
									[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[2]

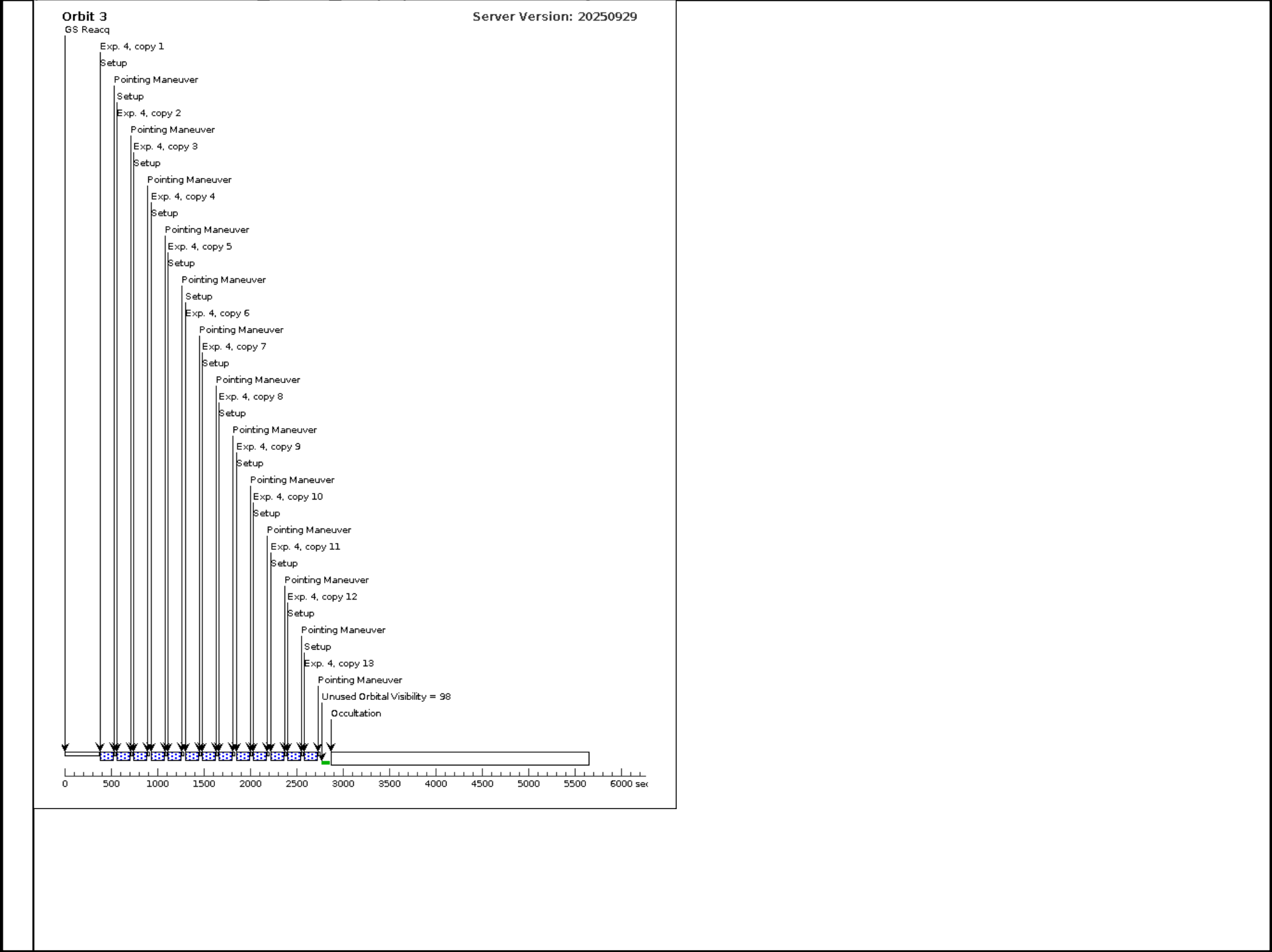
Proposal 17414 - TOI-1410 WFC3 V5 (24) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

4	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 4-4 Non-Int in TOI-1410_WFC3_V5 (24)	112.00801 Secs X 13 (1456.104 Secs)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[3]
5	(3) TOI-1410	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-10.0; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-5 Non-Int in TOI-1410_WFC3_V5 (24)	112.00801 Secs X 13 (1456.104 Secs)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[4]

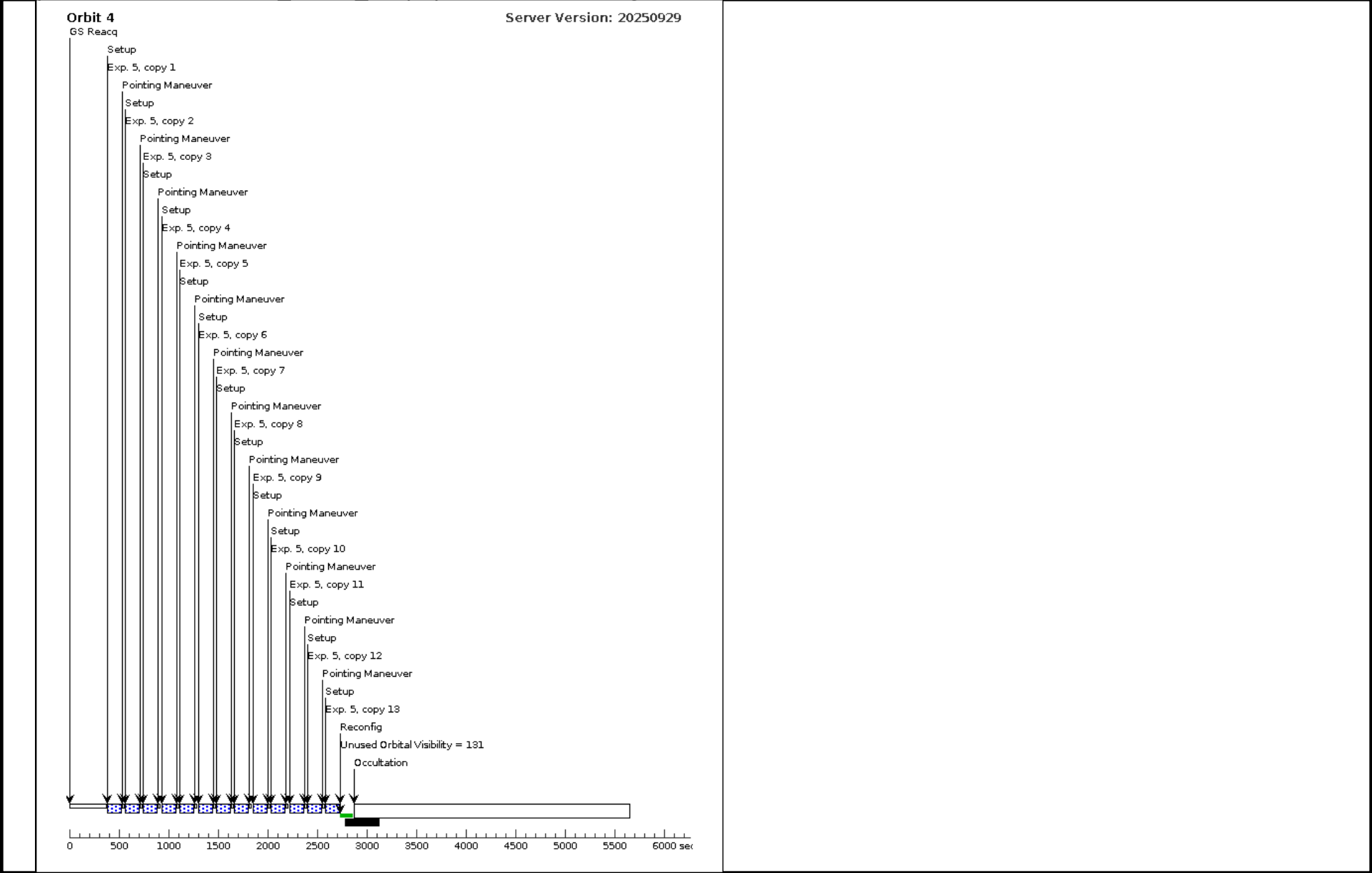




144



145

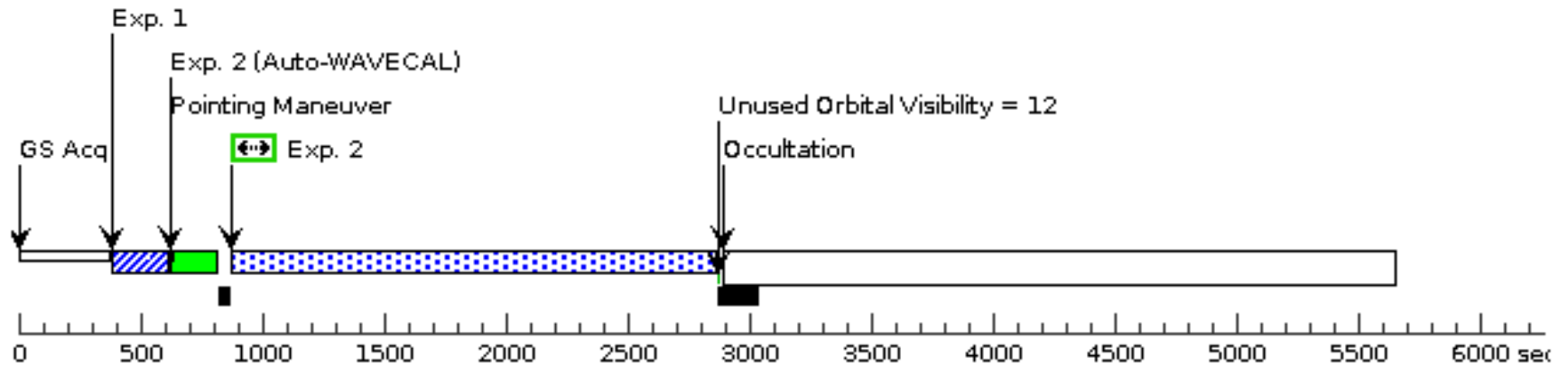


Proposal 17414 - TOI-1759 G140L (19) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-1759 G140L (19), completed										Tue Dec 23 18:03:14 GMT 2025
	Diagnostic Status: Warning										
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA										
	Special Requirements: SCHED 100%										
Diagnostics	(TOI-1759 G140L (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(TOI-1759 G140L (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	TOI-1759	RA: 21 47 24.7902 (326.8532925d)	Proper Motion RA: -173.425 mas/yr	V=10.0	Reference Frame: ICRS					
			Dec: +62 45 13.90 (62.75386d)	Proper Motion Dec: -10.653999947862758 mas/yr							
			Equinox: J2000	Epoch of Position: 2000							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=STAR										
Exposures	Description=[EXTRA-SOLAR PLANETARY SYSTEM]										
	Extended=NO										
	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	TOI-1759_v is1_acq (STIS.ta.188 8171)	(1) TOI-1759	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.2 Secs (0.2 Secs)		
									[==>]	[1]	
	2	TOI-1759_v is1a_G140L (STIS.sp.14 90357)	(1) TOI-1759	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140L 1425 A	BUFFER-TIME=10 00			1972 Secs (1972 Secs)		
								[==>]	[1]		
3	TOI-1759_v is1a_G140L (STIS.sp.14 90357)	(1) TOI-1759	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140L 1425 A	BUFFER-TIME=12 00			2522 Secs (2522 Secs)			
								[==>]	[2]		
4	TOI-1759_v is1a_G140L (STIS.sp.14 90357)	(1) TOI-1759	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140L 1425 A	BUFFER-TIME=12 00			2522 Secs (2522 Secs)			
								[==>]	[3]		

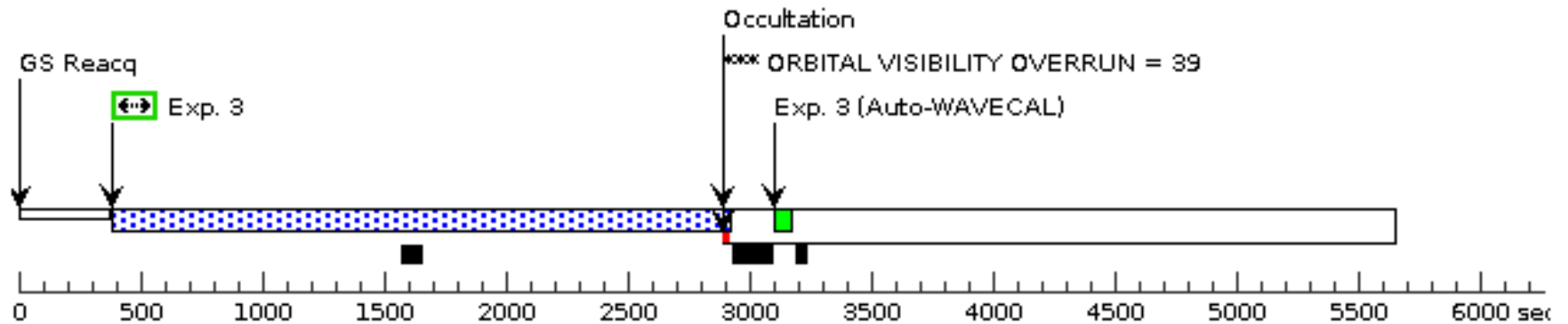
Orbit 1

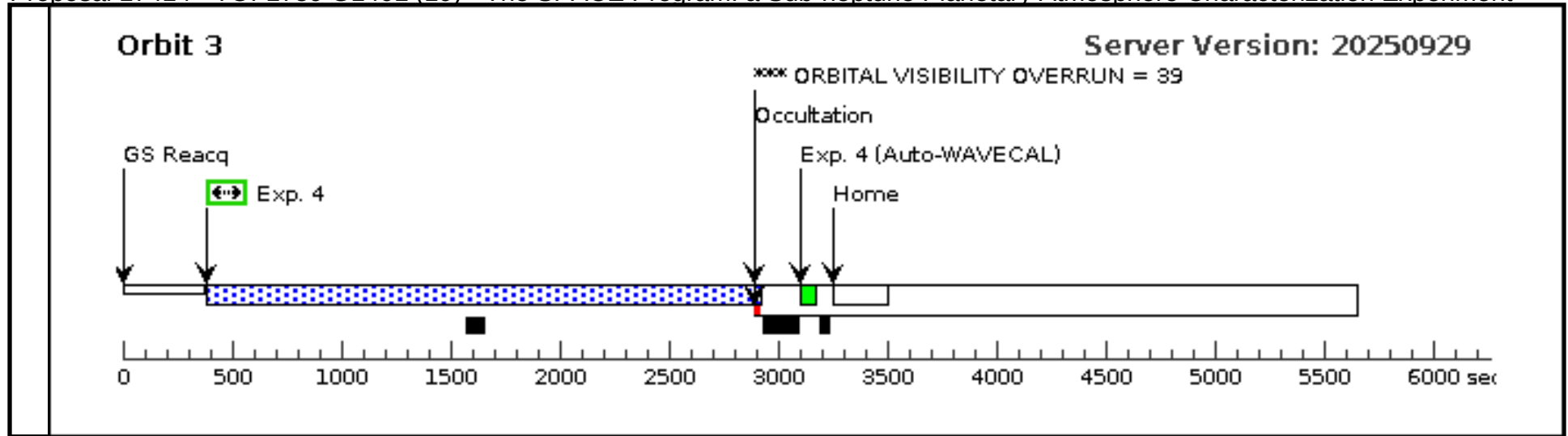
Server Version: 20250929



Orbit 2

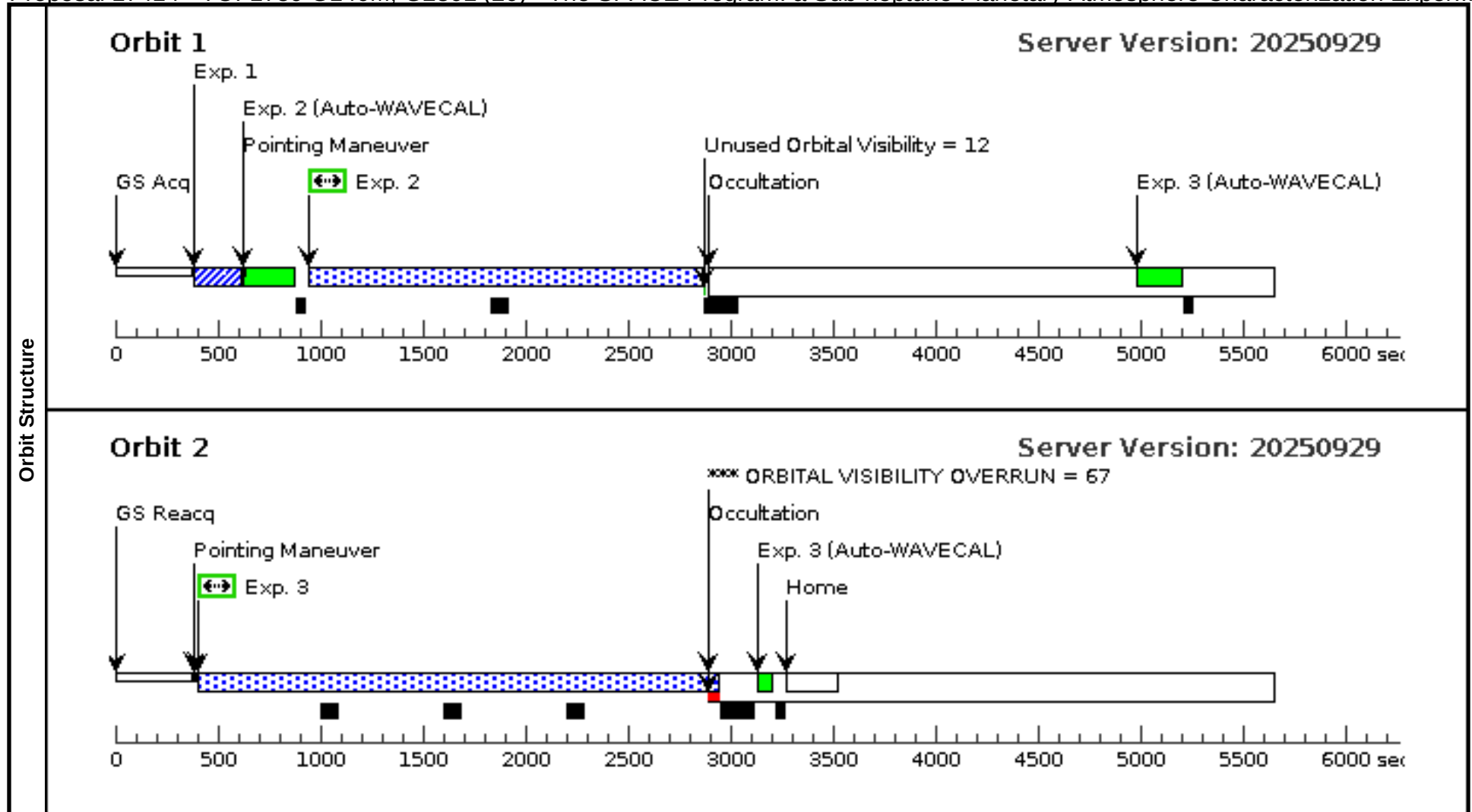
Server Version: 20250929





Proposal 17414 - TOI-1759 G140M, G230L (20) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Exper...

Visit	Proposal 17414, TOI-1759 G140M, G230L (20), completed										Tue Dec 23 18:03:15 GMT 2025			
	Diagnostic Status: Warning													
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA													
	Special Requirements: SCHED 100%													
Diagnostics	(TOI-1759 G140M, G230L (20)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	TOI-1759	RA: 21 47 24.7902 (326.8532925d) Dec: +62 45 13.90 (62.75386d) Equinox: J2000			Proper Motion RA: -173.425 mas/yr Proper Motion Dec: -10.653999947862758 mas/yr Epoch of Position: 2000			V=10.0		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
	Category=STAR													
	Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]			Orbit	
	1	TOI-1759_v is2_acq (STIS.ta.188 8171)	(1) TOI-1759	STIS/CCD, ACQ, F28X50LP		MIRROR	ACQTYPE=POINT			0.2 Secs (0.2 Secs)				
										[==>]			[1]	
	2	TOI-1759_v is2_G140M (STIS.sp.14 90354)	(1) TOI-1759	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1		G140M 1222 A	BUFFER-TIME=89 0			1907 Secs (1907 Secs)				
										[==>]			[1]	
	3	TOI-1759_v is2_G230L (STIS.sp.14 90355)	(1) TOI-1759	STIS/NUV-MAMA, TIME-TAG, 52X0.2		G230L 2376 A	BUFFER-TIME=60 0			2522 Secs (2522 Secs)				
									[==>]			[2]		

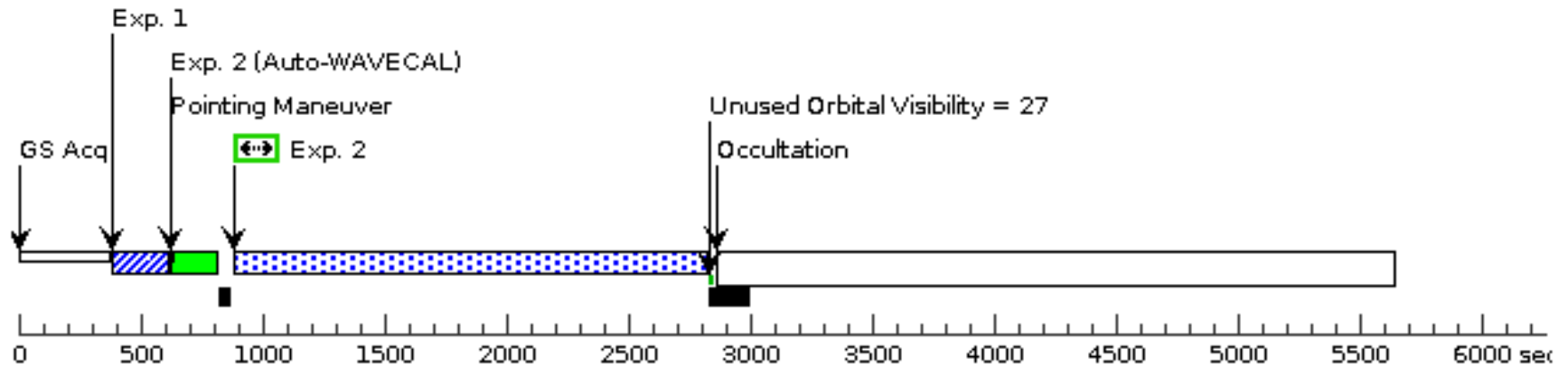


Proposal 17414 - TOI-6478 G230L (K1) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-6478 G230L (K1), scheduled								Tue Dec 23 18:03:15 GMT 2025	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD									
	Special Requirements: SCHED 100%									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	TOI-6478	RA: 09 59 57.9771 (149.9915712d)	Proper Motion RA: 52.347 mas/yr	V=15.99+/-0.2	Reference Frame: ICRS				
		Alt Name1: 2MASS-J09595797-1609323	Dec: -16 09 32.59 (-16.15905d) Equinox: J2000	Proper Motion Dec: -172.31599990736868 mas/yr Parallax: 0.0259162" Epoch of Position: 2000						
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=EXT-STAR Description=[M V-IV]									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TOI-6478_v is1_acq (STIS.ta.198 3098)	(4) TOI-6478	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.5 Secs (0.5 Secs) [==>]	[1]
	2	TOI-6478_v is1_G230L_exp1 (STIS.sp.19 83095)	(4) TOI-6478	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=12 00			1930 Secs (1930 Secs) [==>]	[1]
	3	TOI-6478_v is1_G230L_exp2 (STIS.sp.19 83095)	(4) TOI-6478	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=12 00			2425 Secs (2425 Secs) [==>]	[2]
	4	TOI-6478_v is1_G230L_exp3 (STIS.sp.19 83095)	(4) TOI-6478	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=12 00			2425 Secs (2425 Secs) [==>]	[3]

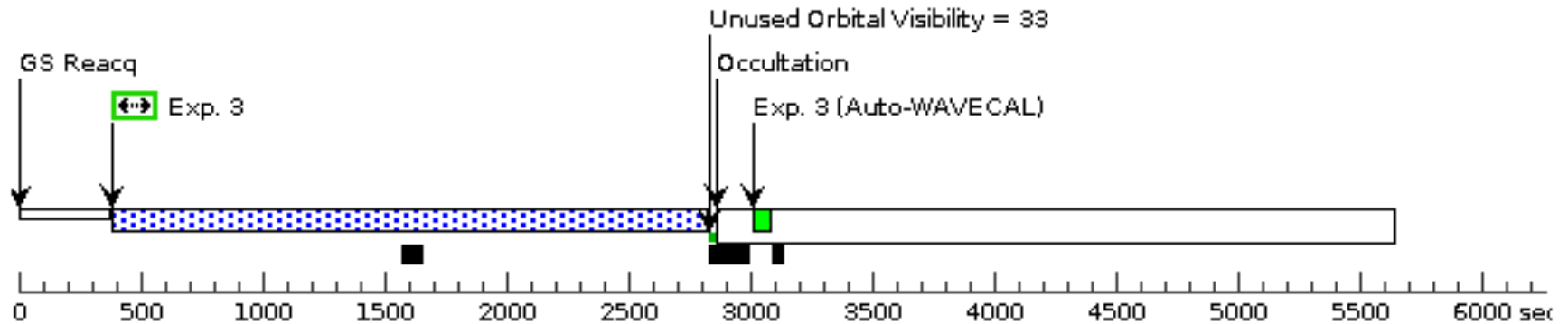
Orbit 1

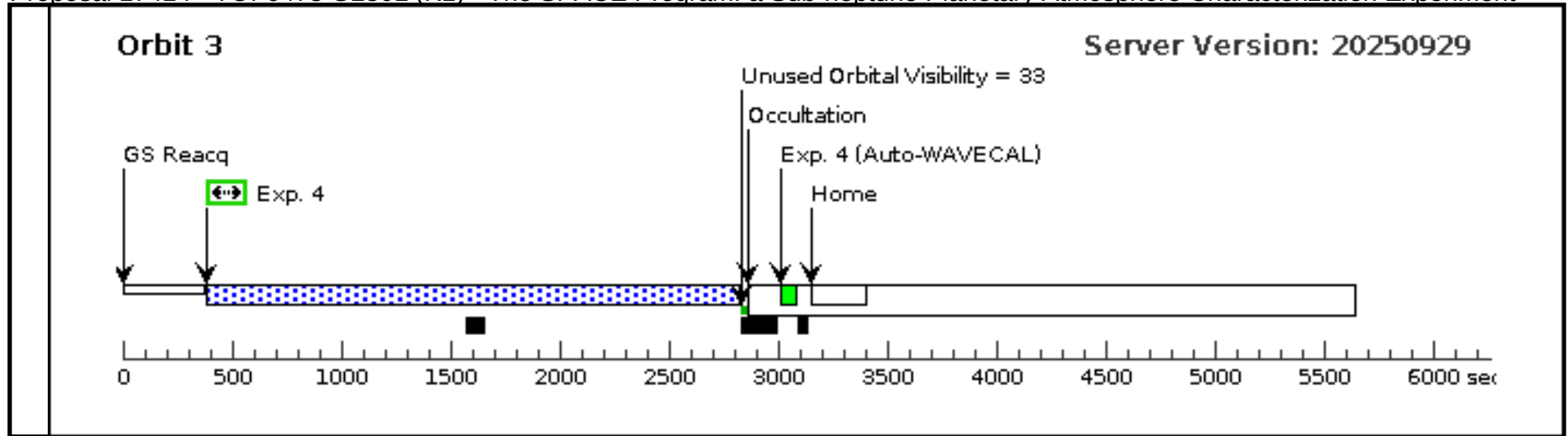
Server Version: 20250929



Orbit 2

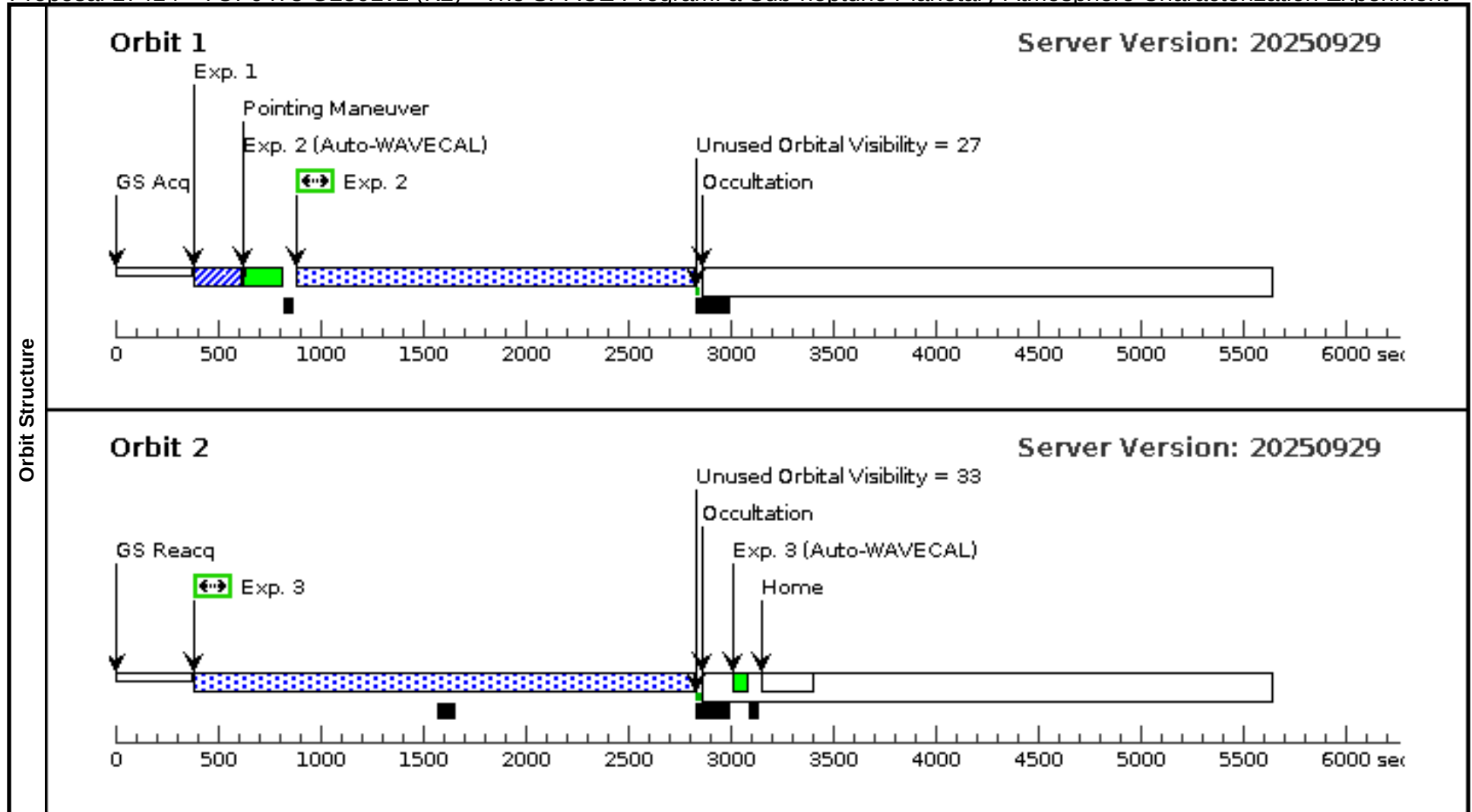
Server Version: 20250929





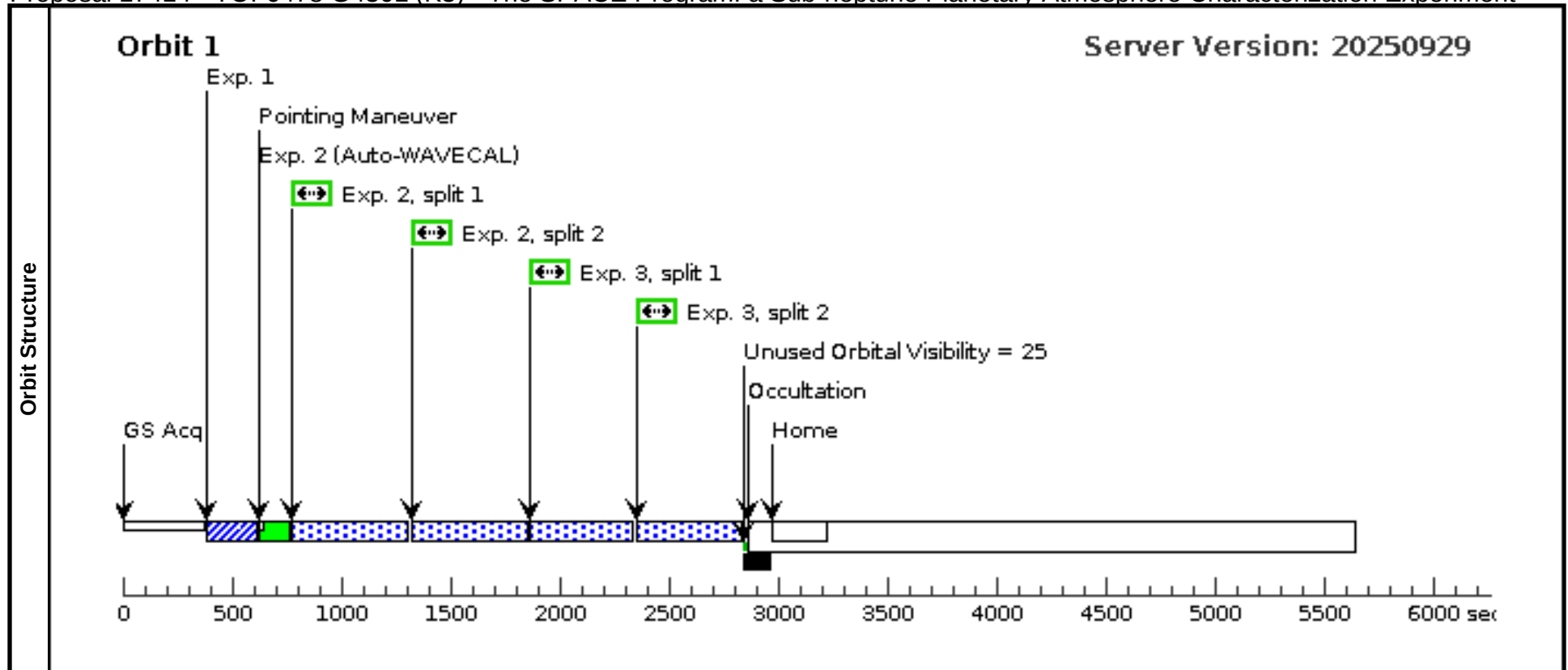
Proposal 17414 - TOI-6478 G230Lv2 (K2) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-6478 G230Lv2 (K2), scheduled										Tue Dec 23 18:03:15 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: SCHED 100%										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(4)	TOI-6478	RA: 09 59 57.9771 (149.9915712d)	Proper Motion RA: 52.347 mas/yr			V=15.99+/-0.2	Reference Frame: ICRS			
		Alt Name1: 2MASS-J09595797-1609323	Dec: -16 09 32.59 (-16.15905d)	Proper Motion Dec: -172.31599990736868 mas/yr							
			Equinox: J2000	Parallax: 0.0259162"							
				Epoch of Position: 2000							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.										
	Category=EXT-STAR										
	Description=[M V-IV]										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	TOI-6478_v is2_acq (STIS.ta.198 3098)	(4) TOI-6478	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.5 Secs (0.5 Secs)		
									[==>]		[1]
	2	TOI-6478_v is2_G230L_exp1 (STIS.sp.19 83095)	(4) TOI-6478	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=12 00			1930 Secs (1930 Secs)		
									[==>]		[1]
	3	TOI-6478_v is2_G230L_exp2 (STIS.sp.19 83095)	(4) TOI-6478	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=12 00			2425 Secs (2425 Secs)		
									[==>]		[2]



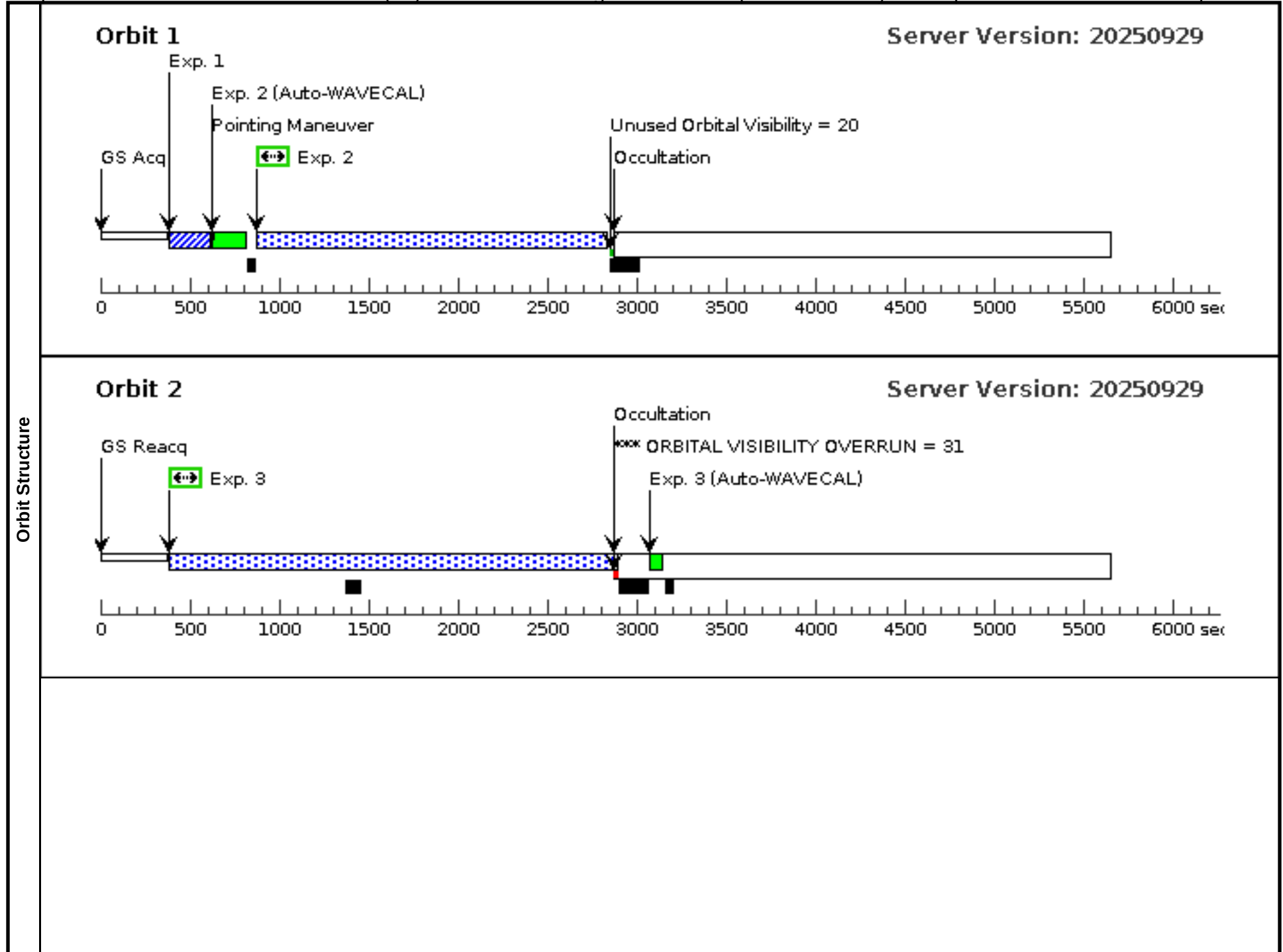
Proposal 17414 - TOI-6478 G430L (K3) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

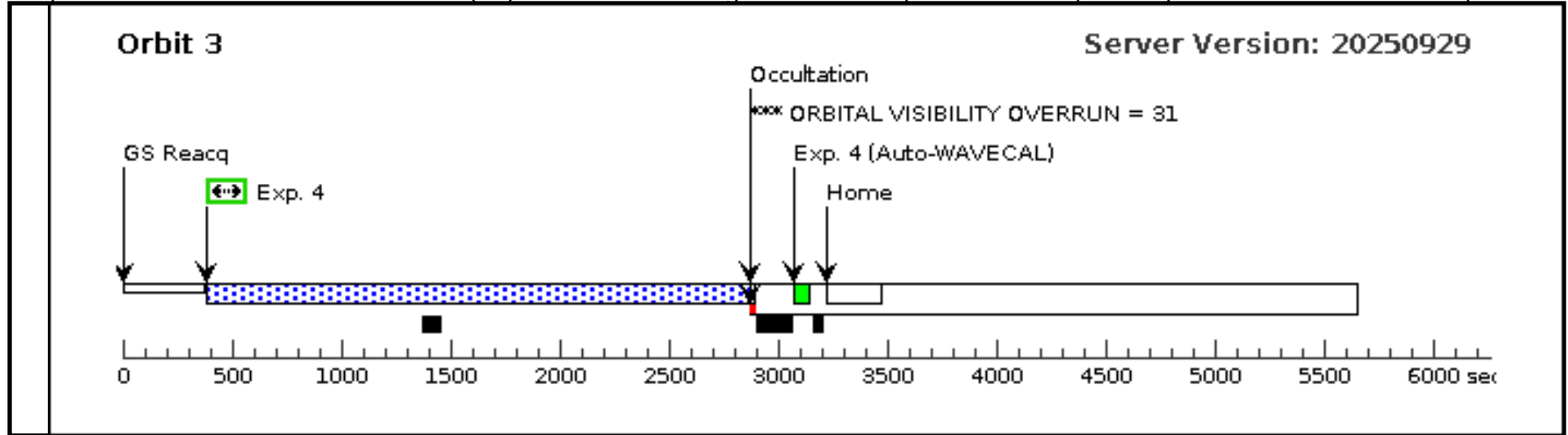
Visit	Proposal 17414, TOI-6478 G430L (K3), completed										Tue Dec 23 18:03:15 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: STIS/CCD											
	Special Requirements: SCHED 100%											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(4)	TOI-6478	RA: 09 59 57.9771 (149.9915712d)		Proper Motion RA: 52.347 mas/yr		V=15.99+/-0.2		Reference Frame: ICRS			
		Alt Name1: 2MASS-J09595797-1609323	Dec: -16 09 32.59 (-16.15905d)		Proper Motion Dec: -172.31599990736868 mas/yr							
			Equinox: J2000		Parallax: 0.0259162"							
					Epoch of Position: 2000							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.											
	Category=EXT-STAR											
	Description=[M V-IV]											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	TOI-6478_v	(4) TOI-6478	STIS/CCD, ACQ, F28X50LP		MIRROR	ACQTYPE=POINT			0.5 Secs (0.5 Secs)		
		is2_acq								[==>]		[1]
		(STIS.ta.1983098)										
	2	TOI-6478_v	(4) TOI-6478	STIS/CCD, ACCUM, 52X0.2E1		G430L				1000 Secs (1000 Secs)		
		is2_G430L_exp1				4300 A				[==>(Split 1)]		
	(STIS.sp.1983097)								[==>(Split 2)]		[1]	
3	TOI-6478_v	(4) TOI-6478	STIS/CCD, ACCUM, 52X0.2E1		G430L				880 Secs (880 Secs)			
	is2_G430L_exp2				4300 A				[==>(Split 1)]			
	(STIS.sp.1983097)								[==>(Split 2)]		[1]	



Proposal 17414 - TOI-1410 vis1 G140L (21) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-1410 vis1 G140L (21), failed									Tue Dec 23 18:03:15 GMT 2025
	Diagnostic Status: Warning									
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA									
	Special Requirements: SCHED 100%; SEQ 14,21 WITHIN 4 D									
Diagnostics	(TOI-1410 vis1 G140L (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(TOI-1410 vis1 G140L (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	TOI-1410	RA: 22 19 31.9783 (334.8832429d)	Proper Motion RA: -67.44 mas/yr	V=11.11	Reference Frame: ICRS				
			Dec: +42 33 36.97 (42.56027d)	Proper Motion Dec: 10.24 mas/yr						
			Equinox: J2000	Epoch of Position: 2000						
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
Category=STAR										
Description=[EXTRA-SOLAR PLANETARY SYSTEM]										
Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TOI-1410_v is1_acq (STIS.ta.188 8173)	(3) TOI-1410	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	TOI-1410_v is1a_G140L (STIS.sp.18 87563)	(3) TOI-1410	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140L 1425 A	BUFFER-TIME=10 00			1943 Secs (1943 Secs)	
									[==>]	[1]
	3	TOI-1410_v is1a_G140L (STIS.sp.18 87563)	(3) TOI-1410	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140L 1425 A	BUFFER-TIME=10 00			2493 Secs (2493 Secs)	
									[==>]	[2]
	4	TOI-1410_v is1a_G140L (STIS.sp.18 87563)	(3) TOI-1410	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140L 1425 A	BUFFER-TIME=10 00			2493 Secs (2493 Secs)	
								[==>]	[3]	



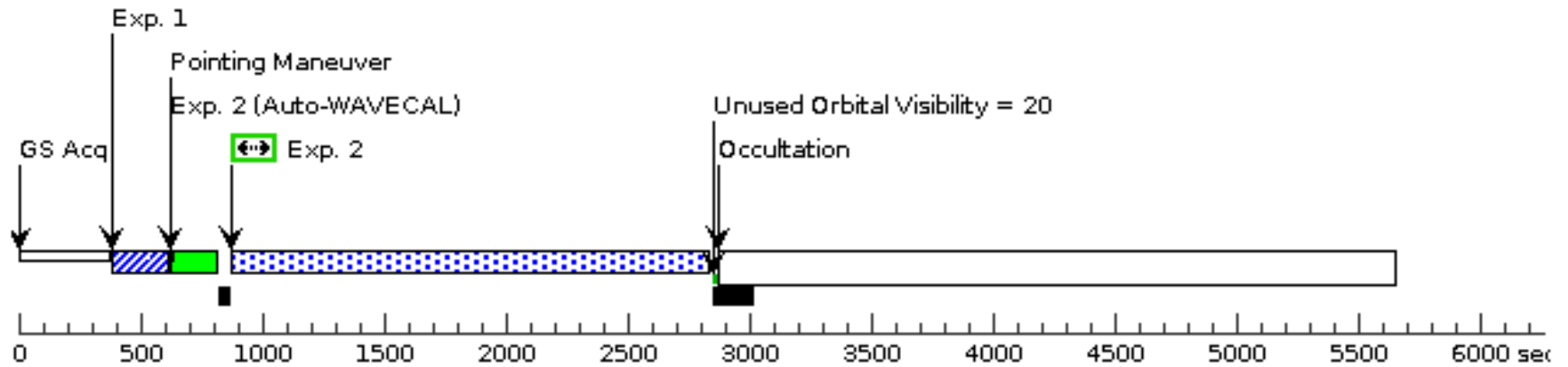


Proposal 17414 - TOI-1410 vis1 G140L (83) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-1410 vis1 G140L (83), completed									Tue Dec 23 18:03:15 GMT 2025
	Diagnostic Status: Warning									
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA									
	Special Requirements: SCHED 100%									
Diagnostics	(TOI-1410 vis1 G140L (83)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(TOI-1410 vis1 G140L (83)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	TOI-1410	RA: 22 19 31.9783 (334.8832429d)	Proper Motion RA: -67.44 mas/yr	V=11.11	Reference Frame: ICRS				
			Dec: +42 33 36.97 (42.56027d)	Proper Motion Dec: 10.24 mas/yr						
			Equinox: J2000	Epoch of Position: 2000						
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TOI-1410_v is1_acq (STIS.ta.188 8173)	(3) TOI-1410	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	TOI-1410_v is1a_G140L (STIS.sp.18 87563)	(3) TOI-1410	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140L 1425 A	BUFFER-TIME=10 00			1943 Secs (1943 Secs)	
									[==>]	[1]
	3	TOI-1410_v is1a_G140L (STIS.sp.18 87563)	(3) TOI-1410	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140L 1425 A	BUFFER-TIME=10 00			2493 Secs (2493 Secs)	
									[==>]	[2]
	4	TOI-1410_v is1a_G140L (STIS.sp.18 87563)	(3) TOI-1410	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140L 1425 A	BUFFER-TIME=10 00			2493 Secs (2493 Secs)	
								[==>]	[3]	

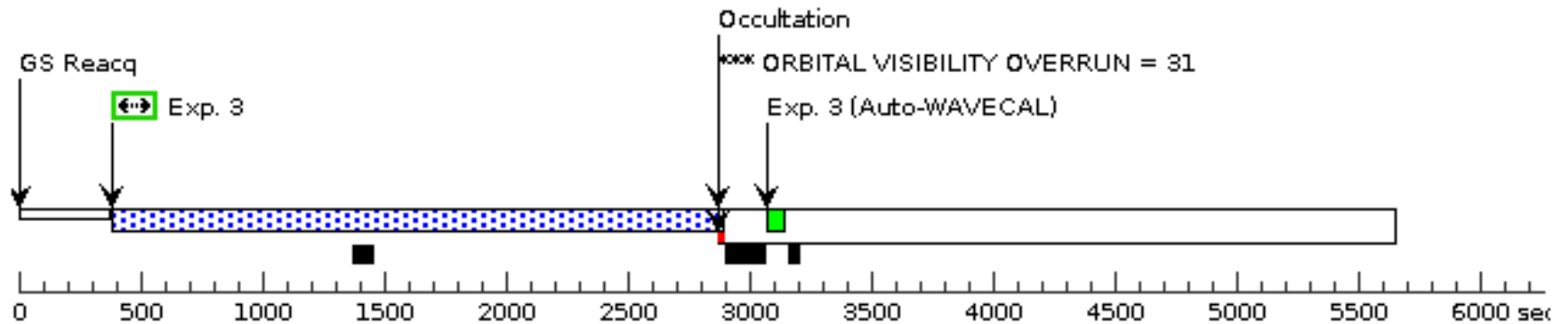
Orbit 1

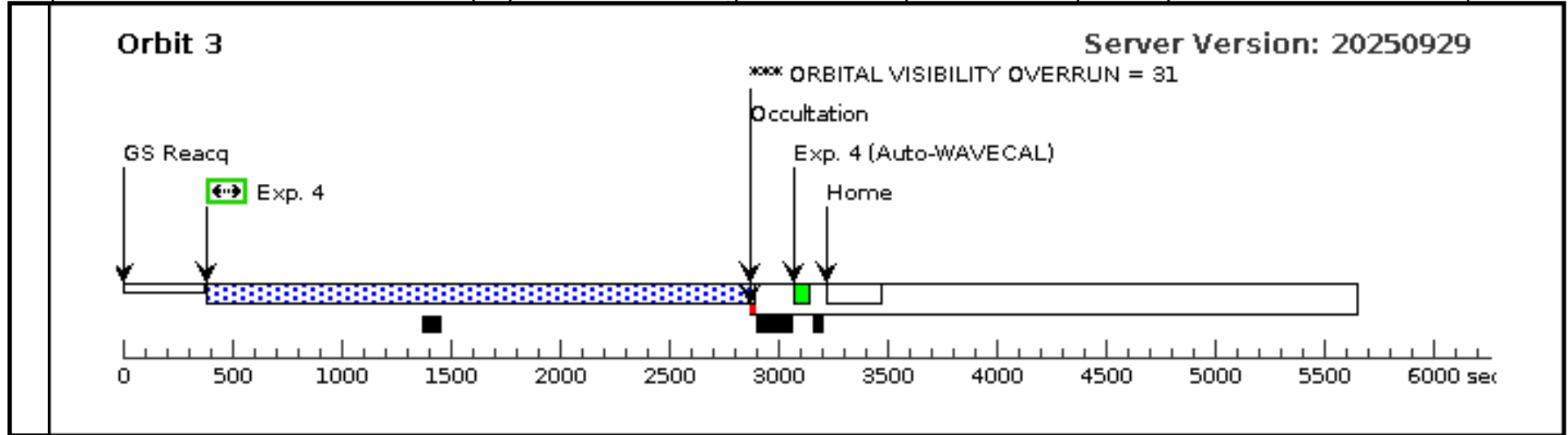
Server Version: 20250929



Orbit 2

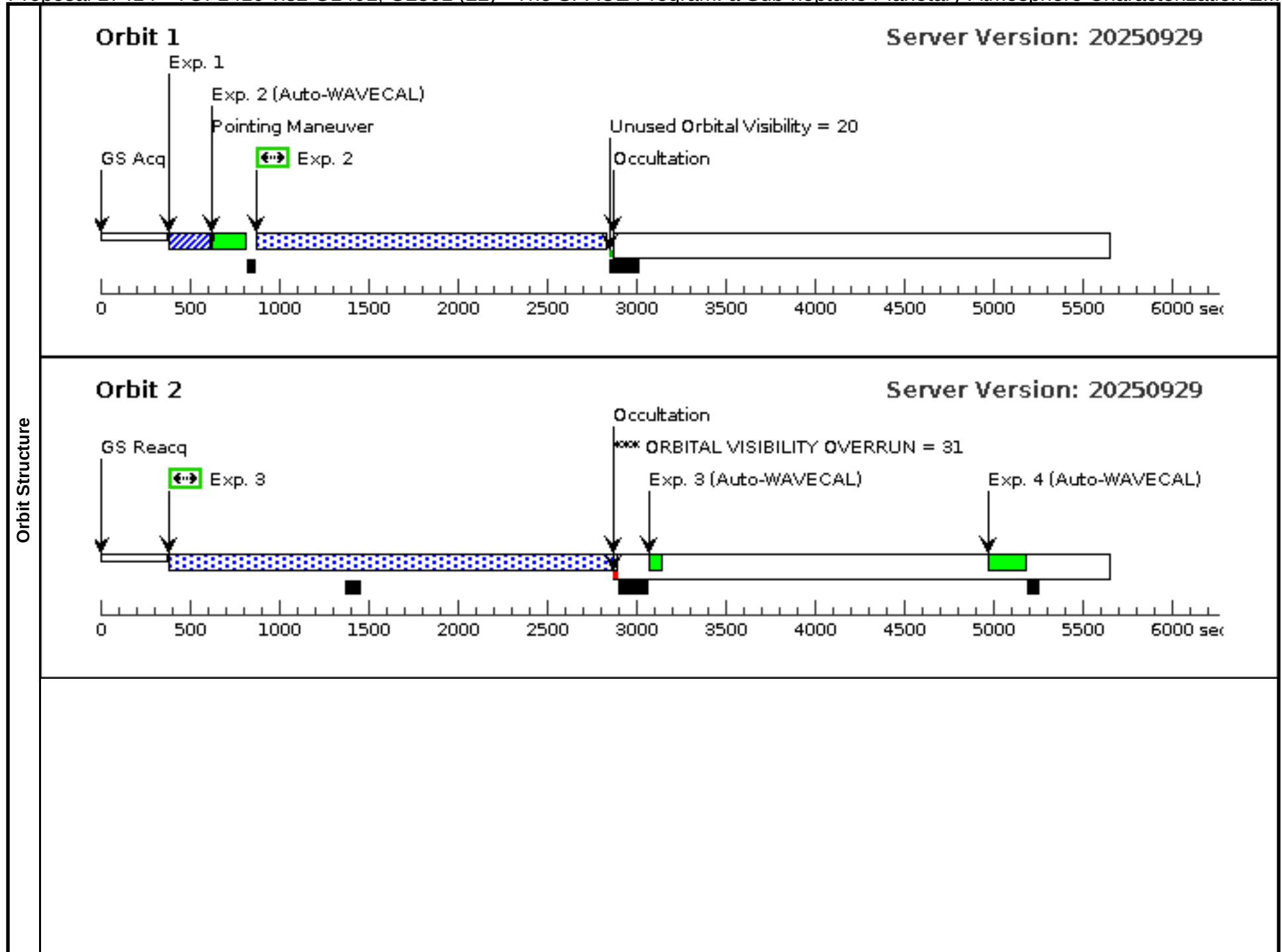
Server Version: 20250929

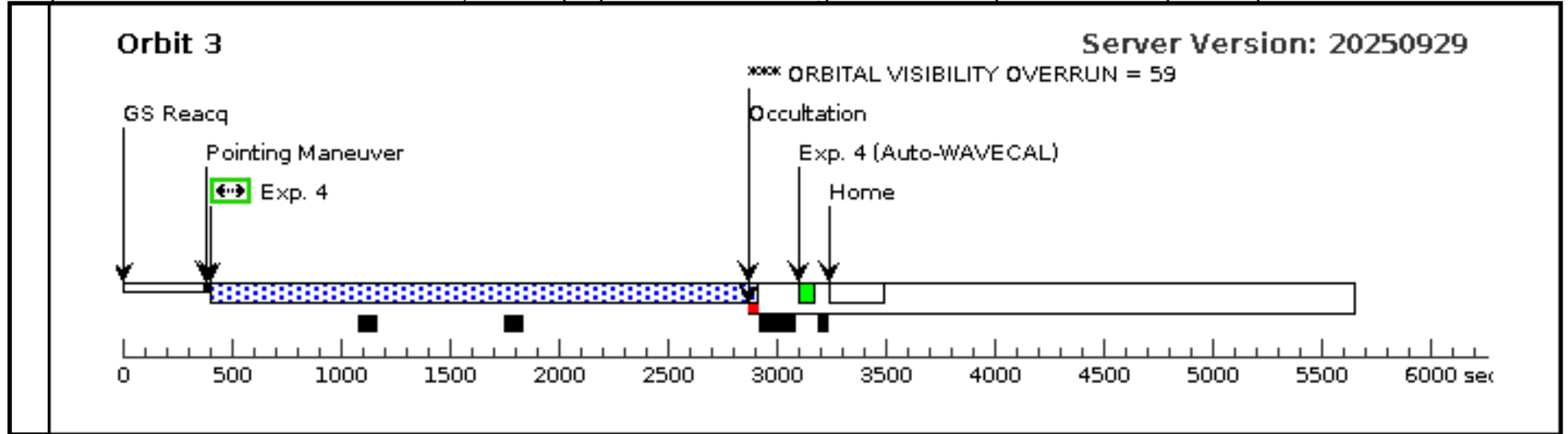




Proposal 17414 - TOI-1410 vis2 G140L, G230L (22) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization E...

Visit	Proposal 17414, TOI-1410 vis2 G140L, G230L (22), completed								Tue Dec 23 18:03:15 GMT 2025	
	Diagnostic Status: Warning									
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA									
	Special Requirements: SCHED 100%; AFTER 51 BY 0 D TO 4 D									
Diagnostics	(TOI-1410 vis2 G140L, G230L (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(TOI-1410 vis2 G140L, G230L (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	TOI-1410	RA: 22 19 31.9783 (334.8832429d) Dec: +42 33 36.97 (42.56027d) Equinox: J2000	Proper Motion RA: -67.44 mas/yr Proper Motion Dec: 10.24 mas/yr Epoch of Position: 2000	V=11.11	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	Category=STAR									
	Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TOI-1410_v is1_acq (STIS.ta.188 8173)	(3) TOI-1410	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	TOI-1410_v is2a_G140L (STIS.sp.18 87563)	(3) TOI-1410	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140L 1425 A	BUFFER-TIME=10 00			1943 Secs (1943 Secs)	
									[==>]	[1]
	3	TOI-1410_v is2a_G140L (STIS.sp.18 87563)	(3) TOI-1410	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140L 1425 A	BUFFER-TIME=10 00			2493 Secs (2493 Secs)	
									[==>]	[2]
	4	TOI-1410_v is2a_G230L (STIS.sp.18 65662)	(3) TOI-1410	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=67 5			2493 Secs (2493 Secs)	
								[==>]	[3]	





Proposal 17414 - TOI-6478 vis1 (D1) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Visit	Proposal 17414, TOI-6478_vis1 (D1), completed Tue Dec 23 18:03:15 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; Period 34.005019 D AND ZERO-PHASE HJD2459454.90101				
Diagnostics	(TOI-6478_vis1 (D1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(4)	TOI-6478	RA: 09 59 57.9771 (149.9915712d)	Proper Motion RA: 52.347 mas/yr	V=15.99+/-0.2
		Alt Name1: 2MASS-J09595797-1609323	Dec: -16 09 32.59 (-16.15905d)	Proper Motion Dec: -172.31599990736868 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Parallax: 0.0259162"	
				Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.				
	Category=EXT-STAR				
	Description=[M V-IV]				

Proposal 17414 - TOI-6478 vis1 (D1) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

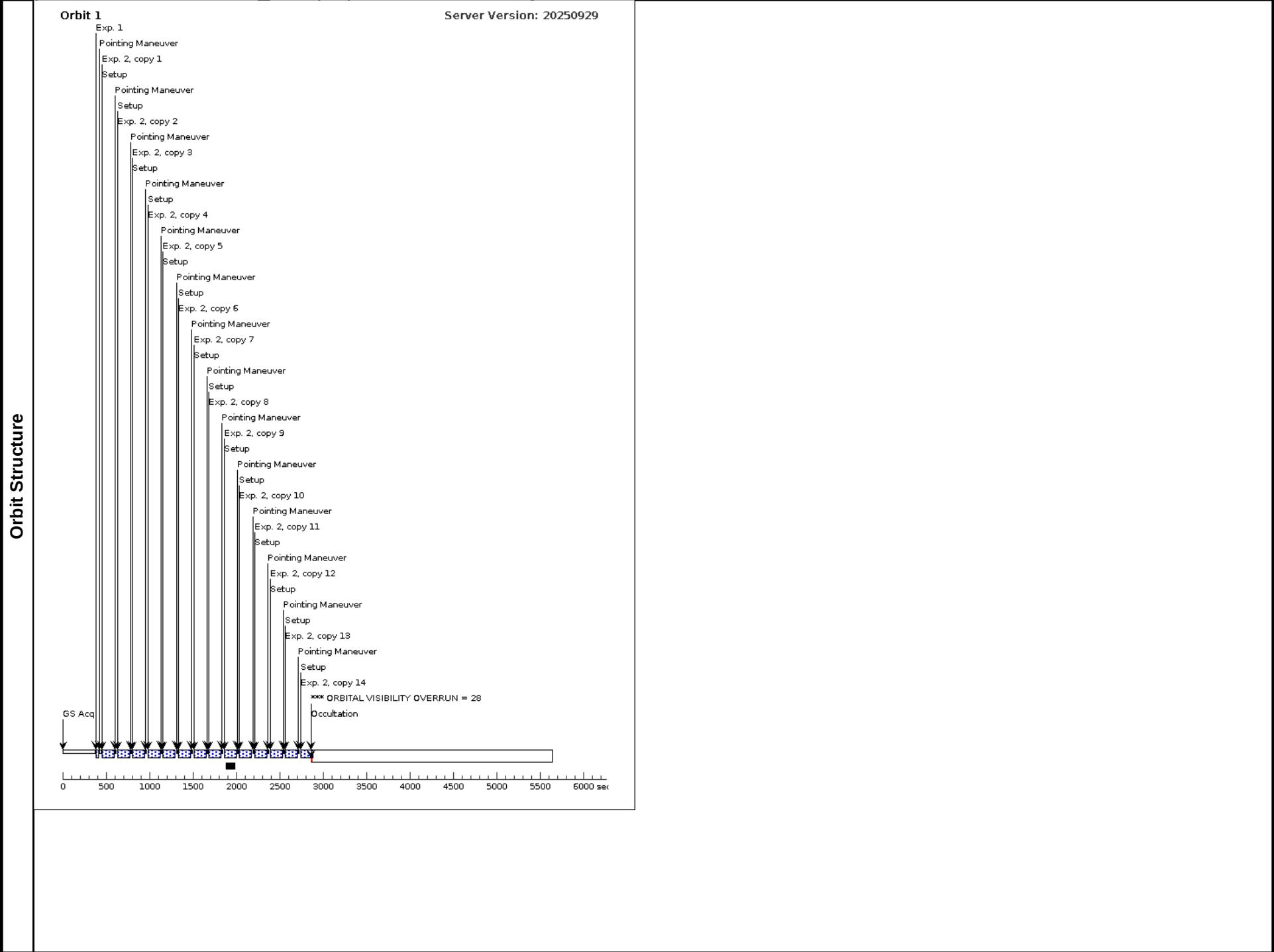
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) TOI-6478	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID	PHASE 0.994515 T O 0.995831		1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(4) TOI-6478	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-5.0; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward		112.00801 Secs X 14 (1568.112 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[1]
	3		(4) TOI-6478	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-5.0; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward		112.00801 Secs X 14 (1568.112 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[2]

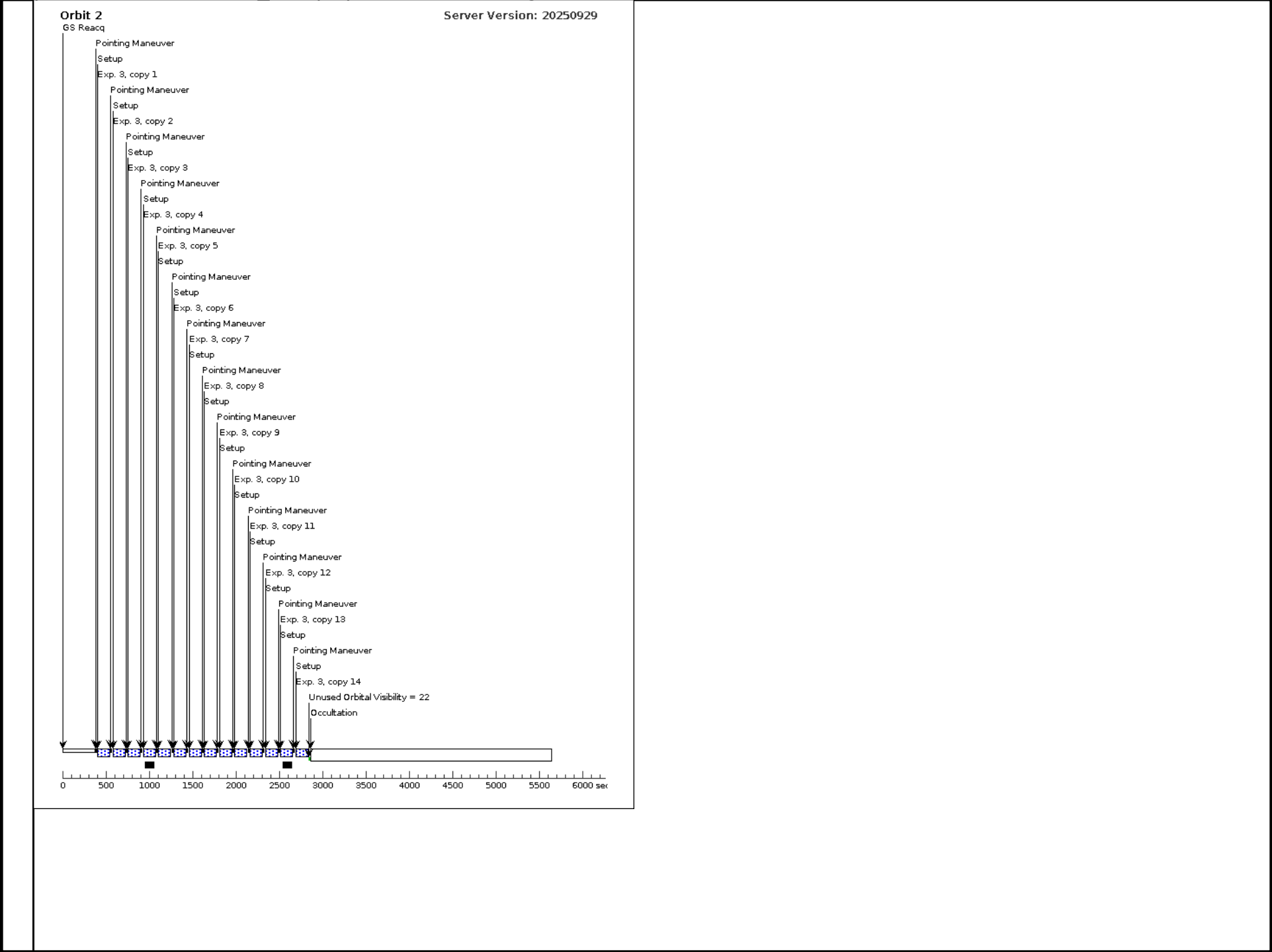
Proposal 17414 - TOI-6478 vis1 (D1) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

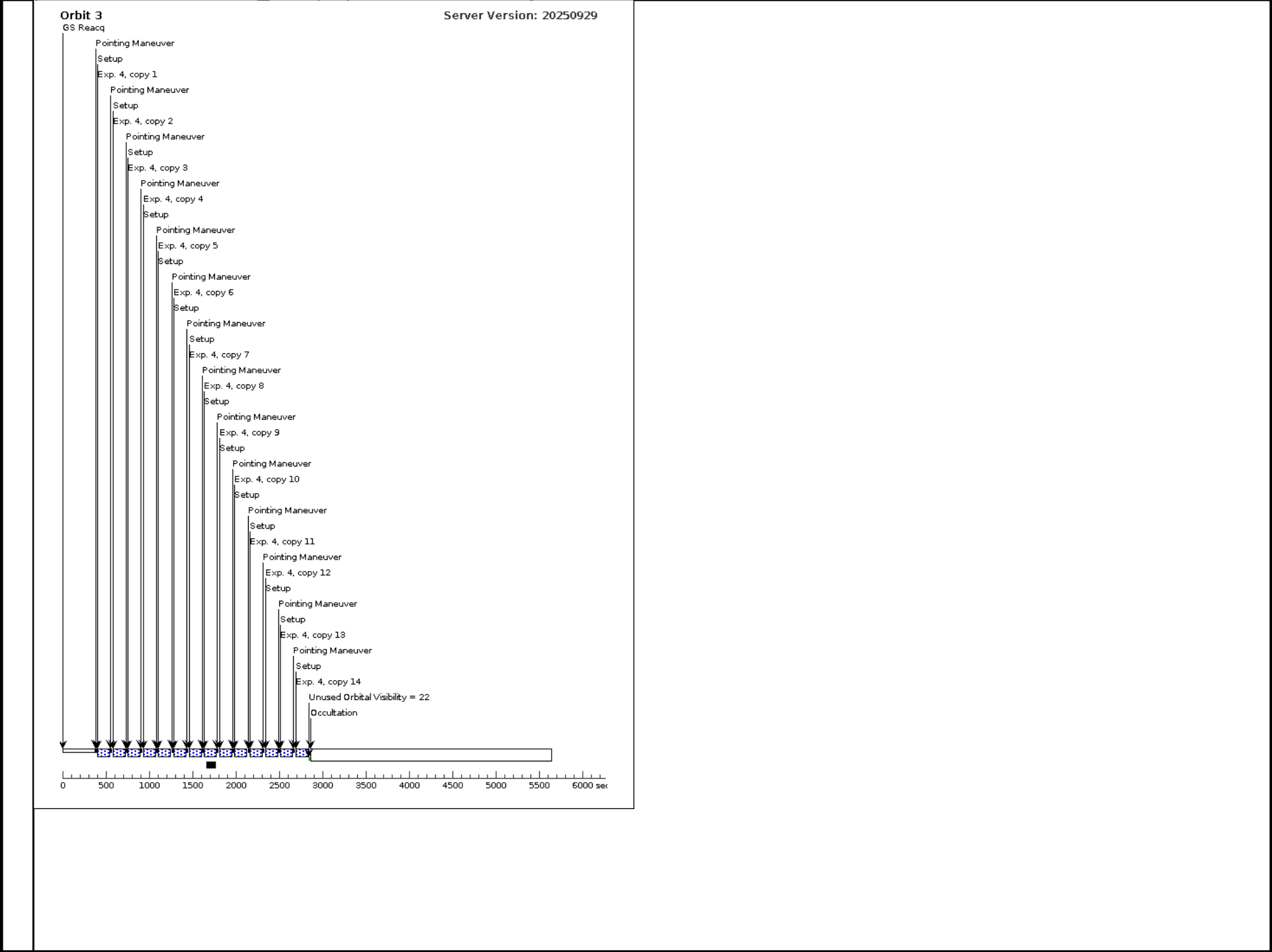
4	(4) TOI-6478	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-5.0; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	112.00801 Secs X 14 (1568.112 Secs)	[3]
						[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	
5	(4) TOI-6478	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-5.0; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	112.00801 Secs X 14 (1568.112 Secs)	[4]
						[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	

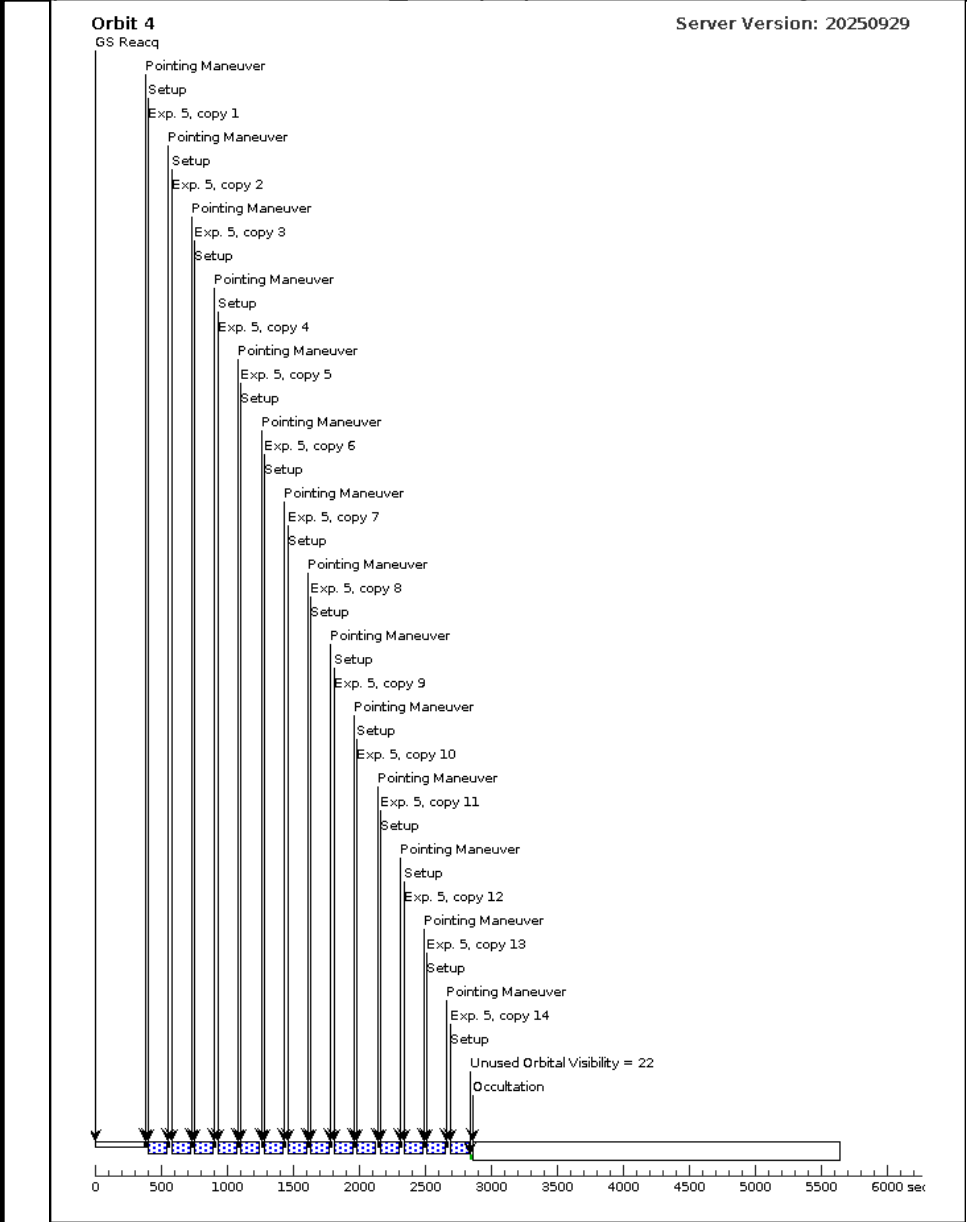
Proposal 17414 - TOI-6478 vis1 (D1) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

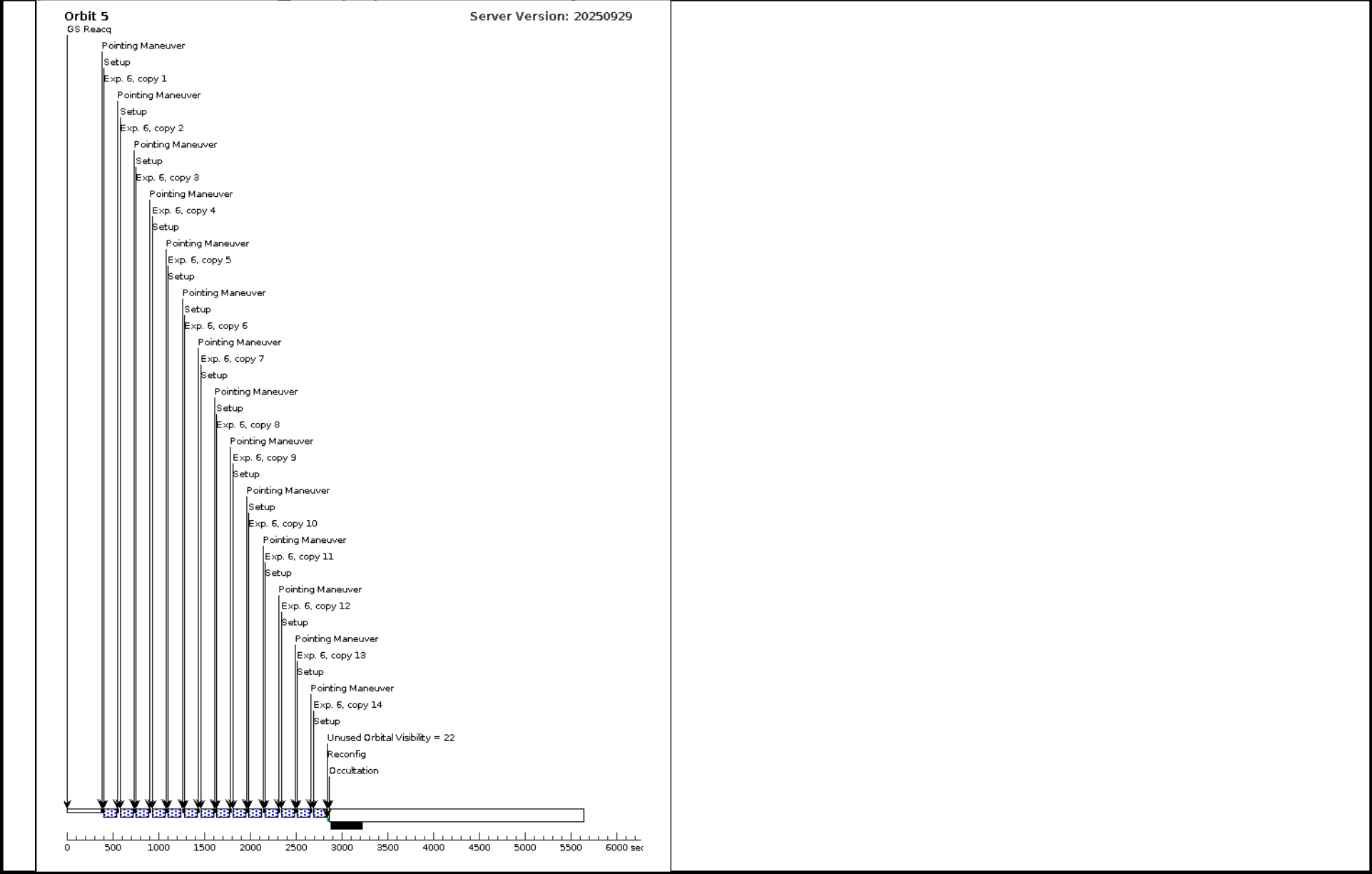
6	(4) TOI-6478	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-5.0; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	112.00801 Secs X 14 (1568.112 Secs)	[5]
						[==>(Copy 1)]	
						[==>(Copy 2)]	
						[==>(Copy 3)]	
						[==>(Copy 4)]	
						[==>(Copy 5)]	
						[==>(Copy 6)]	
						[==>(Copy 7)]	
						[==>(Copy 8)]	
						[==>(Copy 9)]	
						[==>(Copy 10)]	
						[==>(Copy 11)]	
						[==>(Copy 12)]	
						[==>(Copy 13)]	
						[==>(Copy 14)]	











Proposal 17414 - TOI-6478 vis1 (D2) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

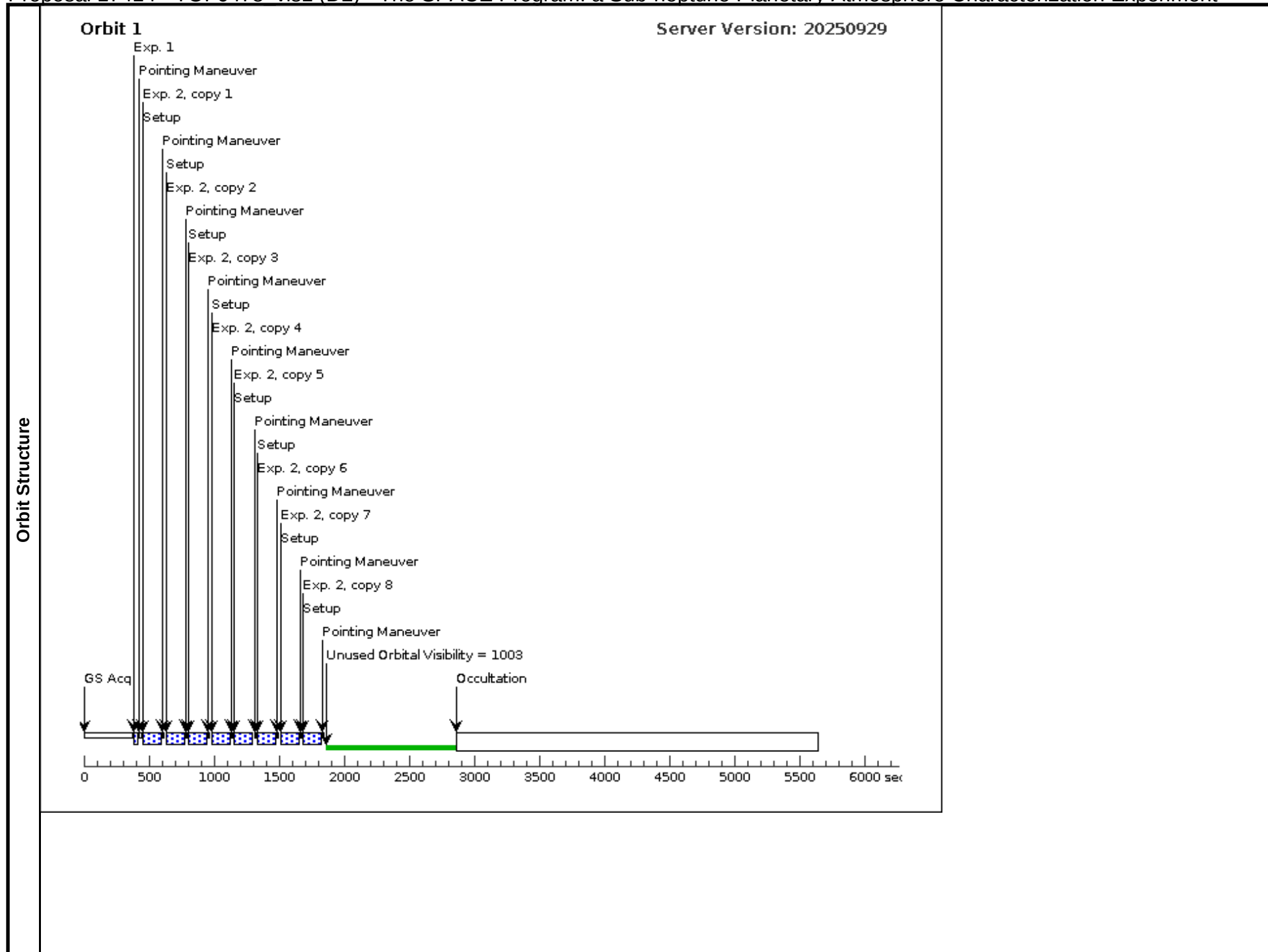
Visit	Proposal 17414, TOI-6478_vis1 (D2), completed Tue Dec 23 18:03:15 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 09-DEC-2025:11:00:00 AND 09-DEC-2025:19:00:00				
Diagnostics	(TOI-6478_vis1 (D2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(4)	TOI-6478	RA: 09 59 57.9771 (149.9915712d)	Proper Motion RA: 52.347 mas/yr	V=15.99+/-0.2
		Alt Name1: 2MASS-J09595797-1609323	Dec: -16 09 32.59 (-16.15905d) Equinox: J2000	Proper Motion Dec: -172.31599990736868 mas/yr Parallax: 0.0259162" Epoch of Position: 2000	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>				
	<i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i>				
	<i>Category=EXT-STAR</i>				
	<i>Description=[M V-IV]</i>				

Proposal 17414 - TOI-6478 vis1 (D2) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) TOI-6478	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=6; SAMP-SEQ=RAPID			1.66689 Secs (1.667 Secs) [==>]	[1]
	2		(4) TOI-6478	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-5.0; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward		112.00801 Secs X 8 (896.064 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	3		(4) TOI-6478	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-5.0; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward		112.00801 Secs X 11 (1232.088 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[2]
	4		(4) TOI-6478	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPARS25	POS TARG 0.0,-5.0; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward		112.00801 Secs X 12 (1344.096 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[3]

Proposal 17414 - TOI-6478 vis1 (D2) - The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment

5	(4) TOI-6478	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-5.0; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	112.00801 Secs X 14 (1568.112 Secs)	[4]
						[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	
6	(4) TOI-6478	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0.0,-5.0; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	112.00801 Secs X 15 (1680.12 Secs)	[5]
						[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	



Orbit 2

Server Version: 20250929

