



16180 - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Cycle: 28, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:23.0	yes
02	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:26.0	yes
03	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:29.0	yes

Proposal 16180 (STScI Edit Number: 2, Created: Tuesday, June 18, 2024 at 9:02:10 AM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
04	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:31.0	yes
05	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:33.0	yes
06	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:36.0	yes
07	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:38.0	yes
08	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:41.0	yes
09	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:43.0	yes
10	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:45.0	yes
56	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:48.0	yes
57	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:51.0	yes
58	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:54.0	yes
59	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:56.0	yes
60	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:00:59.0	yes
11	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:02.0	yes
12	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:05.0	yes
13	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:08.0	yes
14	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:11.0	yes
15	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:13.0	yes
16	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:16.0	yes
17	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:19.0	yes
18	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:22.0	yes
19	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:24.0	yes
20	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:27.0	yes
66	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:30.0	yes
67	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:33.0	yes
68	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:36.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
69	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:38.0	yes
70	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:41.0	yes
21	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:44.0	yes
22	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:47.0	yes
23	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:49.0	yes
24	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:52.0	yes
25	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:55.0	yes
26	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:01:58.0	yes
27	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:02:00.0	yes
28	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:02:03.0	yes
29	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:02:06.0	yes
30	(1) HD-189733B	WFC3/IR	1	18-Jun-2024 10:02:08.0	yes

40 Total Orbits Used

ABSTRACT

Eclipse mapping is an observational technique that uniquely measures an exoplanet's thermal structure as a function of both latitude and longitude. Multiwavelength eclipse maps provide an unprecedented view of a planet's three-dimensional dynamics, thermal structure, chemistry, and energetics. Here we propose to produce the first spectroscopic eclipse map of an exoplanet via observations of the best-studied hot Jupiter, HD 189733b, from 1.1-1.7 microns with WFC3/G141. These observations will measure the geographic distribution of dayside emission over these wavelengths, thereby constraining the global circulation patterns and relevant atmospheric timescales in HD 189733b with latitude, longitude and altitude. When combined with published Spitzer/IRAC mid-IR photometric phase curves and eclipse maps, our proposed WFC3 spectroscopic eclipse maps will paint the most detailed and complete picture to date of weather deep in a hot Jupiter atmosphere, refining general circulation models that aim to predict their climate. In addition, our proposed eclipse mapping observations will serve as the foundation upon which future observational and theoretical frameworks will interpret future spectroscopic eclipse maps with HST and of considerably smaller and cooler planets with JWST.

OBSERVING DESCRIPTION

To construct the WFC3 spectroscopic eclipse maps of HD 189733b, we require 6 eclipses to be observed, each consisting of 5 consecutive orbits. We require 5 orbits per eclipse because our primary goal is to obtain both ingress and egress coverage of each eclipse observation. Following common practice, we will use the first orbit of each eclipse as a burn-in to decrease instrument systematics. The remaining four orbits are required to observe the eclipse and measure the out-of-eclipse baseline flux level.

We have imposed a phase constrained starting window of approximately 20 minutes necessary to ensure that each eclipse observation contains coverage of both ingress and egress. Our target's short orbital period (~ 2.2 days) means that there are many scheduling opportunities for these observations.

At the beginning of the first orbit of each eclipse for wavelength calibration we will obtain a direct image of the target star with the F132 filter and a non scanned spectral image (G141) to extract the spectrum of any companion stars that may overlap the spatially scanned spectrum of our target.

We will then acquire multiple nondestructive reads (NSAMP=2, SAMP_SEQ=SPARS25) and analyze the individual samples. We will observe each eclipse using spatially scanned observations with 512^2 subarray to capture the entire scanned spectrum. For HD 189733b ($H=5.6$ mag) we will use a scan rate of 1.6 arcsec/s. This scan rate will deliver maximum count rates of $\sim 45,000 \text{ e}^{-} \sim \text{pixel}^{-1}$, well within the IR array's nominal range. This yields an exposure time of 23.7 seconds and scan length of 322 pixels. Total integration times of ~ 23.7 s allow us to temporally resolve ingress/egress as is required by the eclipse mapping technique.

All images are to be initiated with POS_ARG of x:-25 and y: -30

We request that the schedulers separate the first and second eclipse observations by several weeks so that the observing team may preview the images and apply an initial analysis. This is to ensure that the observing strategy presented here will allow the successful removal of spectral contamination from companion stars. Should the analysis of the first eclipse observation prove to be problematic, the observing team has an alternative approach that would make stellar contamination more manageable yet is less efficient.

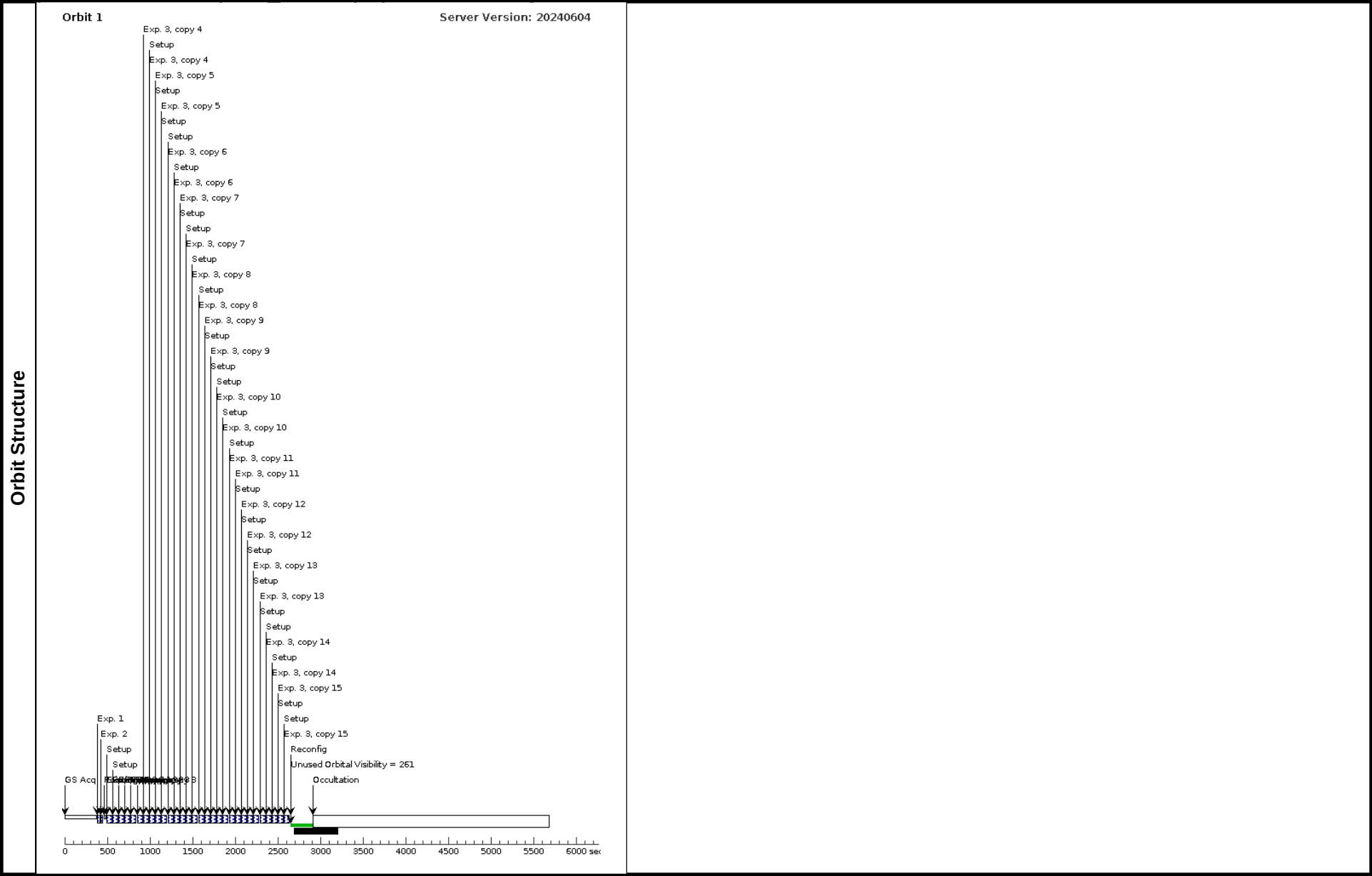
Proposal 16180 - Eclipse1 Orbit1 (01) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse1_Orbit1 (01), completed Tue Jun 18 14:02:10 GMT 2024				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 0D TO 40 D; ORIENT 180D TO 220 D; Period 2.21857567 D AND ZERO-PHASE HJD2453955.5256; SEQ 01,02,03,04,05 WITHIN 5.05 Orbits				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7 Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse1 Orbit1 (01) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Direct Image	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	F132N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG -25,-30; PHASE 0.41423426 28422596 TO 0.4204 9453562749617	Sequence 1-3 Non-Int in Eclipse1_Orbit1 (01)	2.559081 Secs (2.559 Secs) [==>]	[1]
	2	No Scan	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=3; SAMP-SEQ=RAPID	POS TARG -25,-30	Sequence 1-3 Non-Int in Eclipse1_Orbit1 (01)	2.559081 Secs (2.559 Secs) [==>]	[1]
	3	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=2; SAMP-SEQ=SPARS25	POS TARG -25,-30; SPATIAL SCAN 1.6 389,90.0 Degrees, Round trip	Sequence 1-3 Non-Int in Eclipse1_Orbit1 (01)	23.774278 Secs X 15 (713.228 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)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)]	[1]

Proposal 16180 - Eclipse1 Orbit1 (01) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

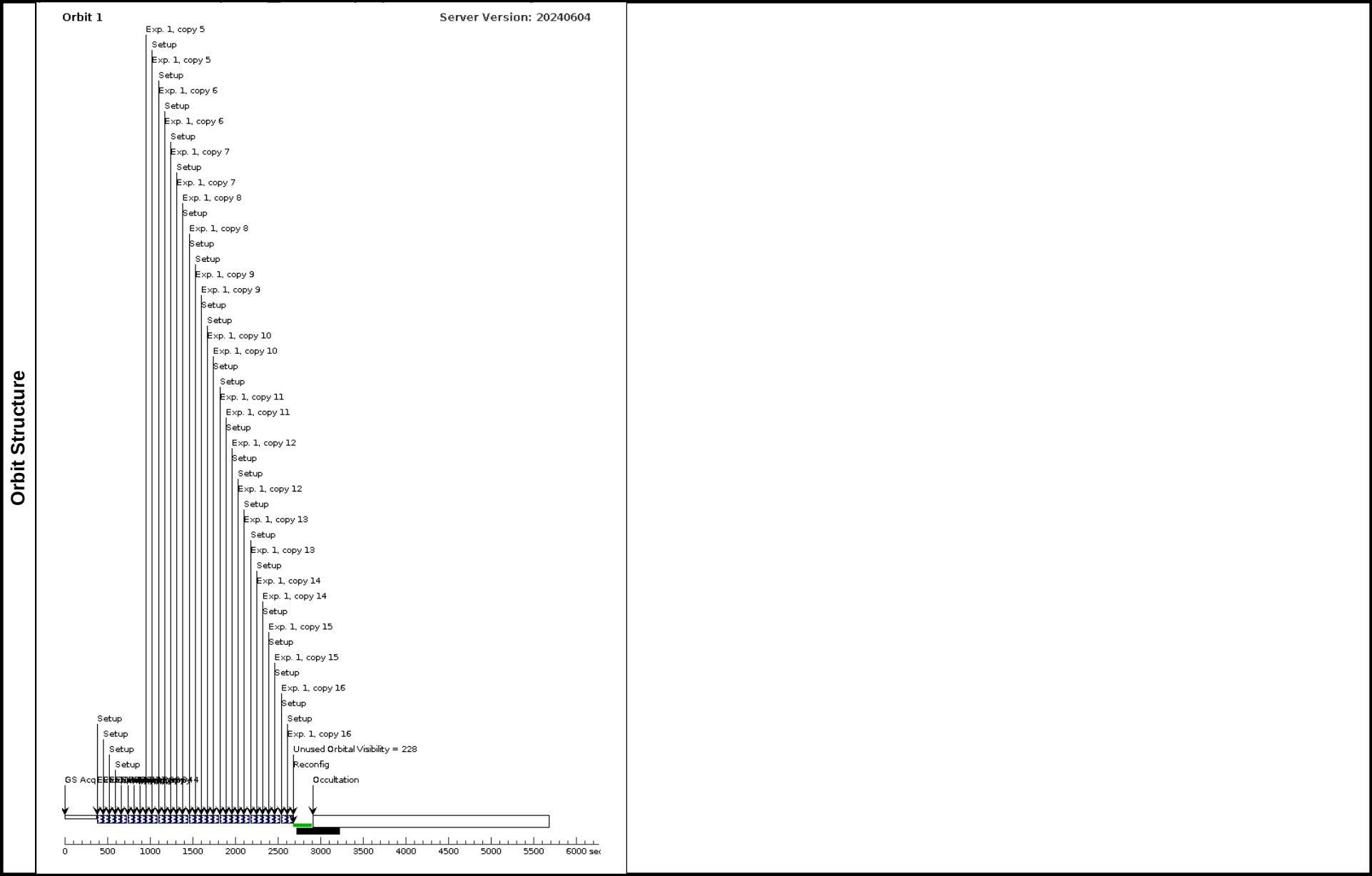


Proposal 16180 - Eclipse1 Orbit2 (02) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse1_Orbit2 (02), completed Tue Jun 18 14:02:10 GMT 2024				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 01				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7 Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse1 Orbit2 (02) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG -25,-30; SPATIAL SCAN 1.6 389,90.0 Degrees, Round trip	Sequence 1-1 Non-Interleaved in Eclipse1_Orbit2 (02)	23.774278 Secs X 16 (760.777 Secs)	[1]
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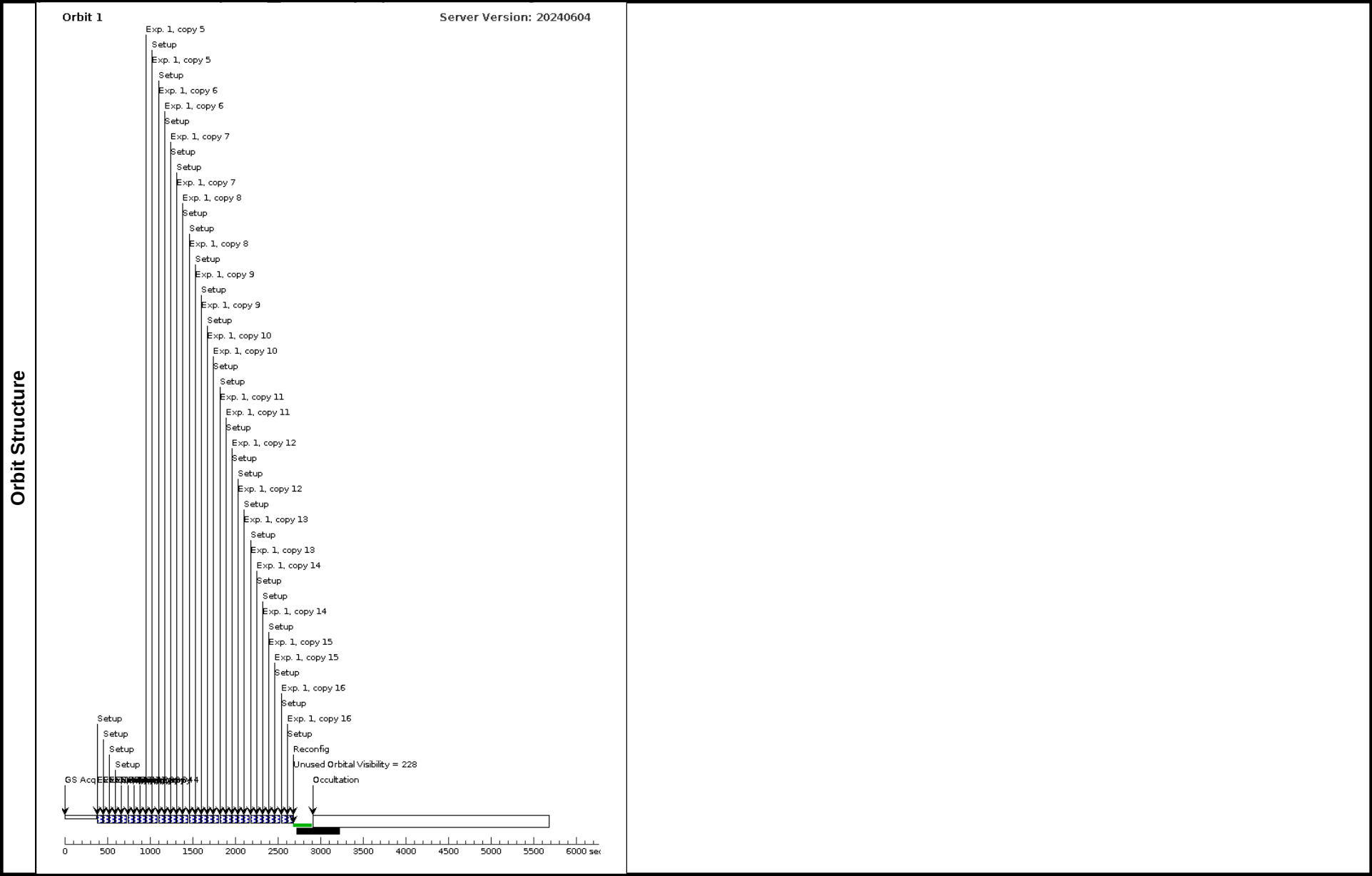


Proposal 16180 - Eclipse1 Orbit3 (03) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse1_Orbit3 (03), completed Tue Jun 18 14:02:10 GMT 2024				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 01				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7 Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse1 Orbit3 (03) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG -25,-30; SPATIAL SCAN 1.6 389,90.0 Degrees, Round trip	Sequence 1-1 Non-Interleaved in Eclipse1_Orbit3 (03)	23.774278 Secs X 16 (760.777 Secs)	[1]
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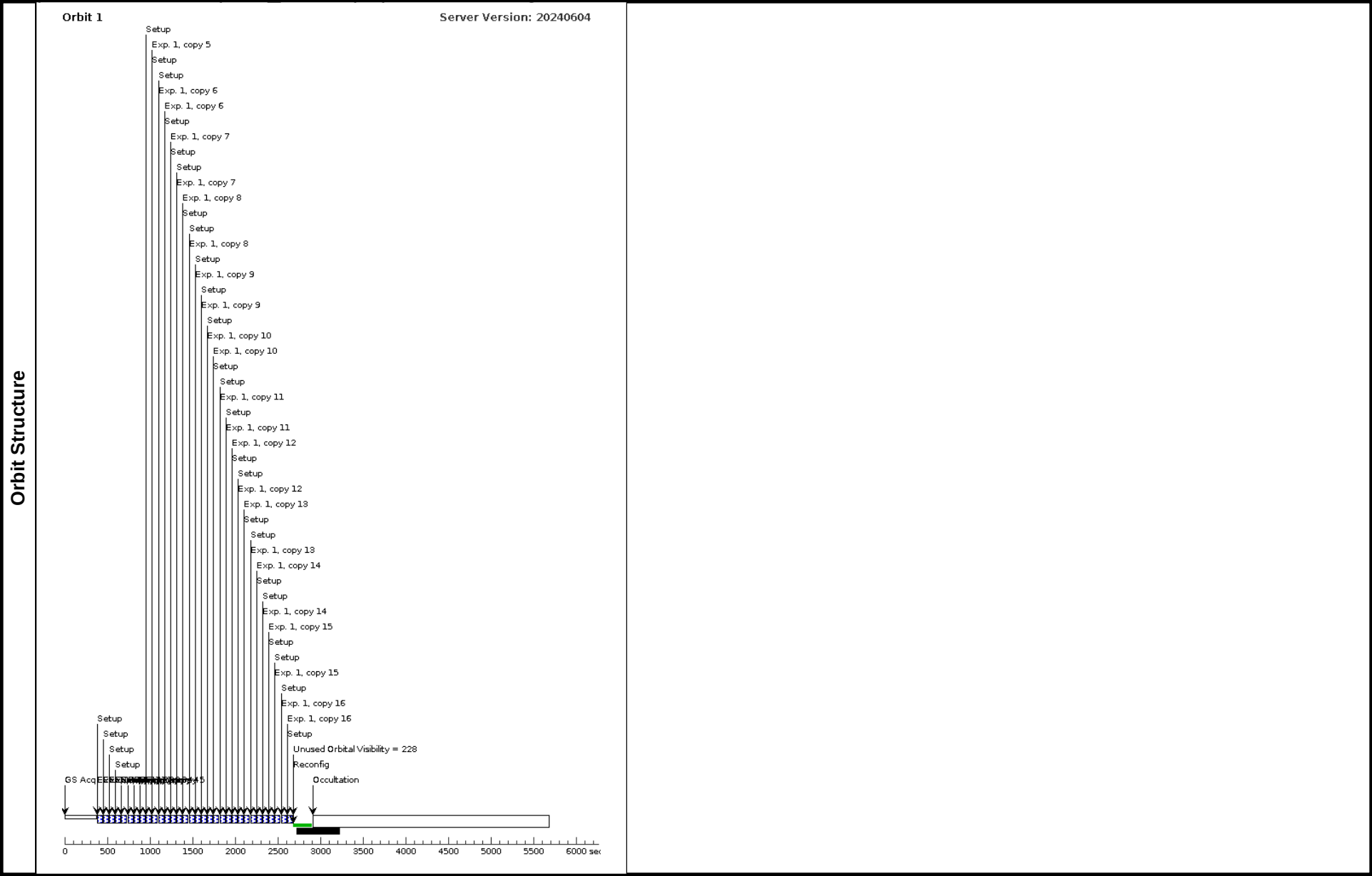


Proposal 16180 - Eclipse1 Orbit4 (04) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse1_Orbit4 (04), completed					Tue Jun 18 14:02:10 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 01					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d)	Proper Motion RA: -2.380559461785614E-4	V=7.7	Reference Frame: SIMBAD
			Dec: +22 42 35.19 (22.70978d)	sec of time/yr		
Fixed Targets			Equinox: J2000	Proper Motion Dec: -0.25022499999067804		
				arcsec/yr		
				Epoch of Position: 2015.5		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse1 Orbit4 (04) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG -25,-30; SPATIAL SCAN 1.6 389,90.0 Degrees, Round trip	Sequence 1-1 Non-Interleaved in Eclipse1_Orbit4 (04)	23.774278 Secs X 16 (760.777 Secs)	[1]
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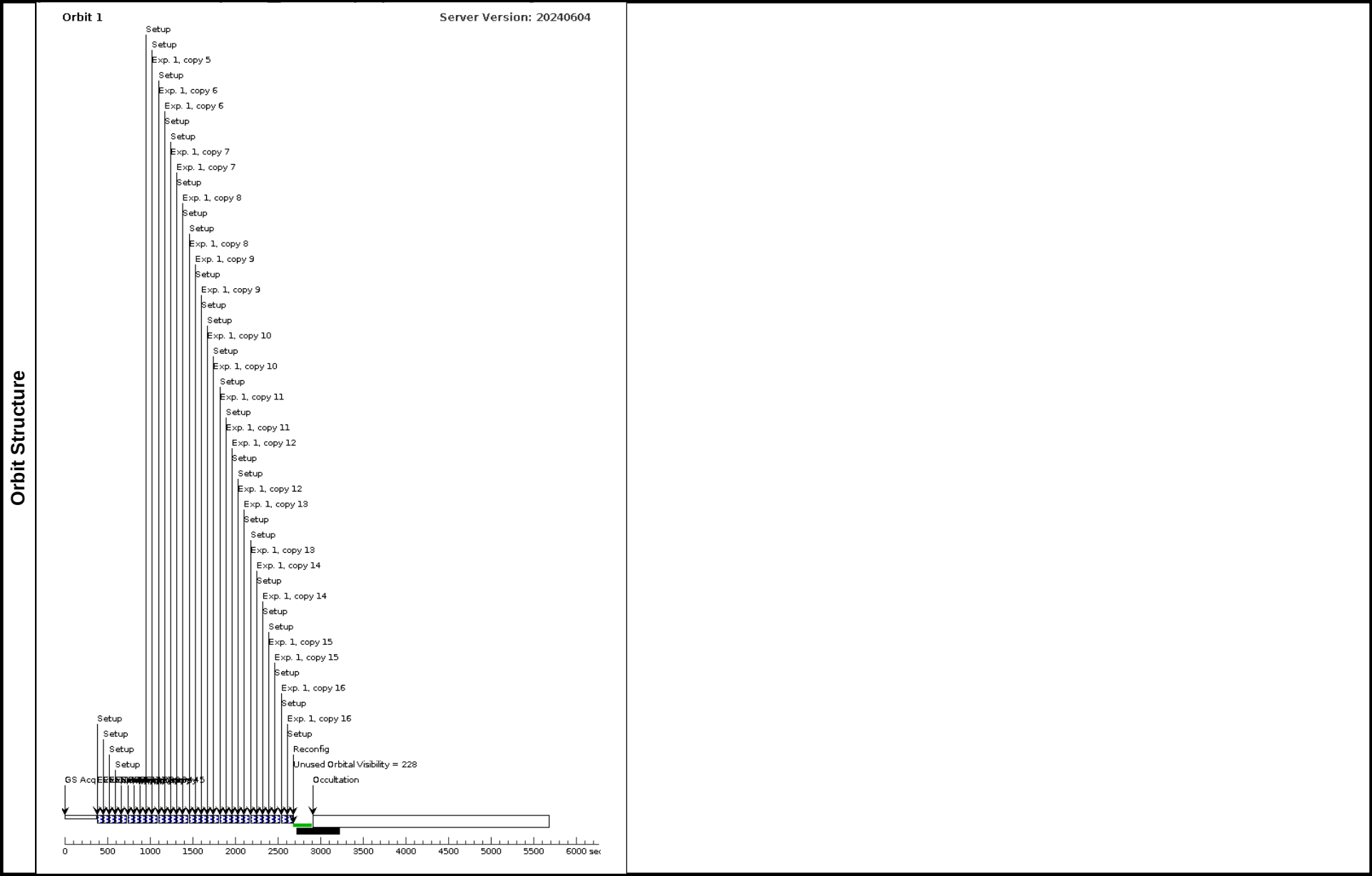
Proposal 16180 - Eclipse1 Orbit5 (05) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse1_Orbit5 (05), completed					Tue Jun 18 14:02:10 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 01					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d)	Proper Motion RA: -2.380559461785614E-4	V=7.7	Reference Frame: SIMBAD
			Dec: +22 42 35.19 (22.70978d)	sec of time/yr		
			Equinox: J2000	Proper Motion Dec: -0.25022499999067804		
				arcsec/yr		
				Epoch of Position: 2015.5		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse1 Orbit5 (05) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG -25,-30; SPATIAL SCAN 1.6 389,90.0 Degrees, Round trip	Sequence 1-1 Non-Interleaved in Eclipse1_Orbit5 (05)	23.774278 Secs X 16 (760.777 Secs)	[1]
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Proposal 16180 - Eclipse1 Orbit5 (05) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

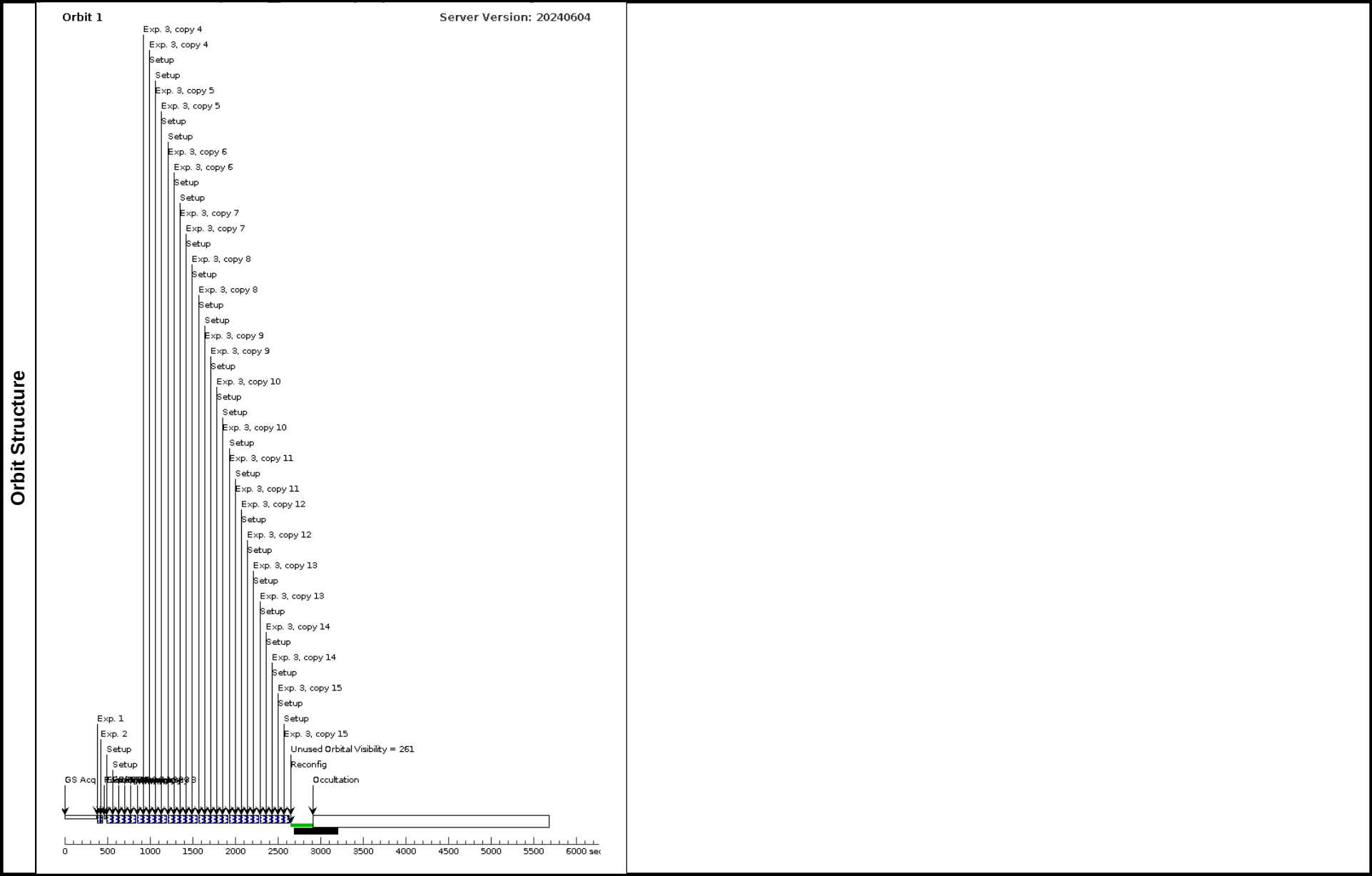


Proposal 16180 - Eclipse2 Orbit1 (06) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse2_Orbit1 (06), failed Tue Jun 18 14:02:10 GMT 2024				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 0D TO 40 D; ORIENT 180D TO 220 D; Period 2.21857567 D AND ZERO-PHASE HJD2453955.5256; SEQ 06,07,08,09,10 WITHIN 5.02 Orbits				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7 Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse2 Orbit1 (06) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Direct Image	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	F132N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG -25,-30; PHASE 0.41423426 28422596 TO 0.4204 9453562749617	Sequence 1-3 Non-Int in Eclipse2_Orbit1 (06)	2.559081 Secs (2.559 Secs) [==>]	[1]
	2	No Scan	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=3; SAMP-SEQ=RAPID	POS TARG -25,-30	Sequence 1-3 Non-Int in Eclipse2_Orbit1 (06)	2.559081 Secs (2.559 Secs) [==>]	[1]
	3	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=2; SAMP-SEQ=SPARS25	POS TARG -25,-30; SPATIAL SCAN 1.6 389,90.0 Degrees, Round trip	Sequence 1-3 Non-Int in Eclipse2_Orbit1 (06)	23.774278 Secs X 15 (713.228 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)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)]	[1]

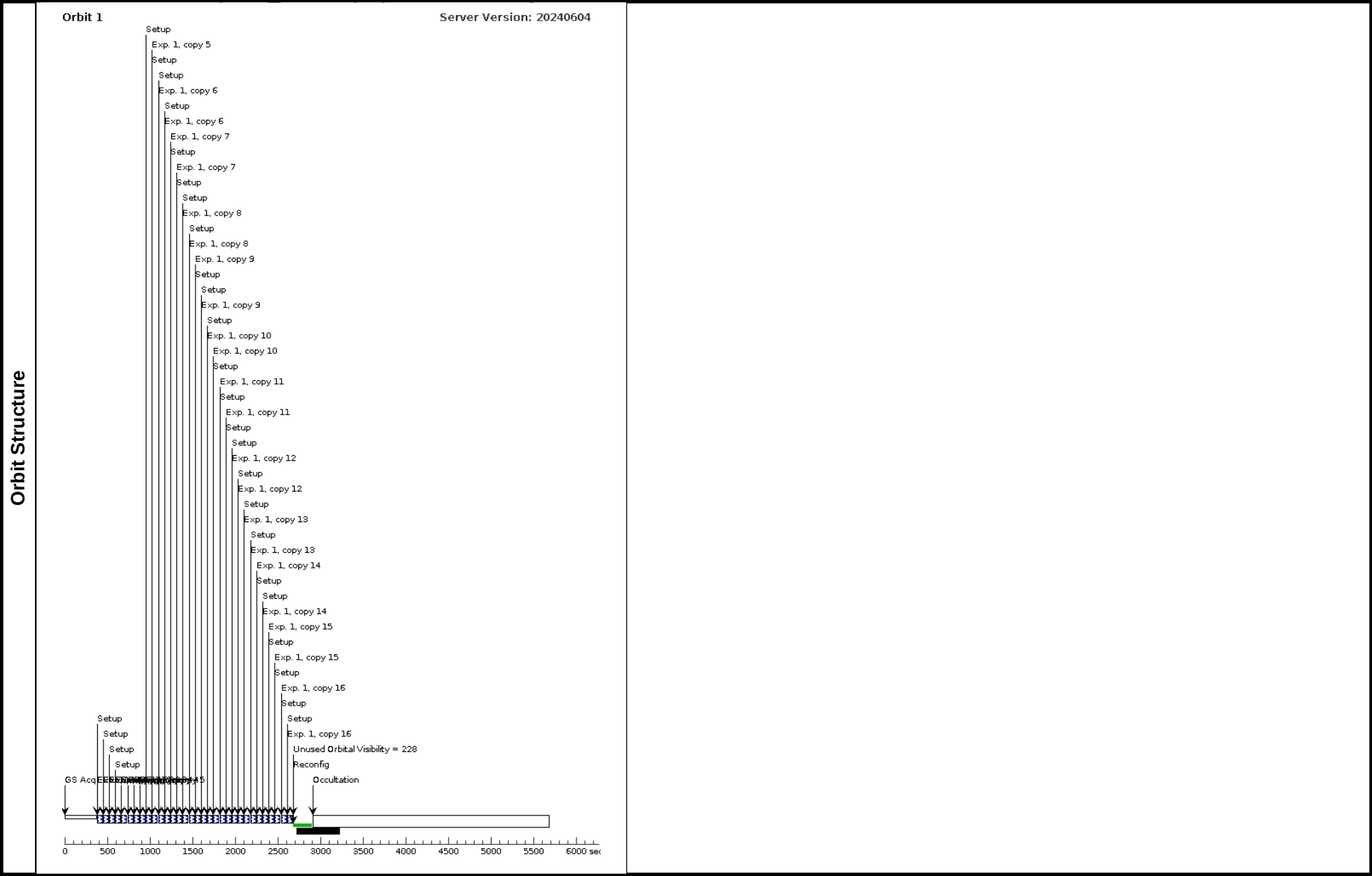


Proposal 16180 - Eclipse2 Orbit2 (07) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse2_Orbit2 (07), failed					Tue Jun 18 14:02:10 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 06					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse2 Orbit2 (07) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG -25,-30; SPATIAL SCAN 1.6 389,90.0 Degrees, Round trip	Sequence 1-1 Non-Interleaved in Eclipse2_Orbit2 (07)	23.774278 Secs X 16 (760.777 Secs)	[1]
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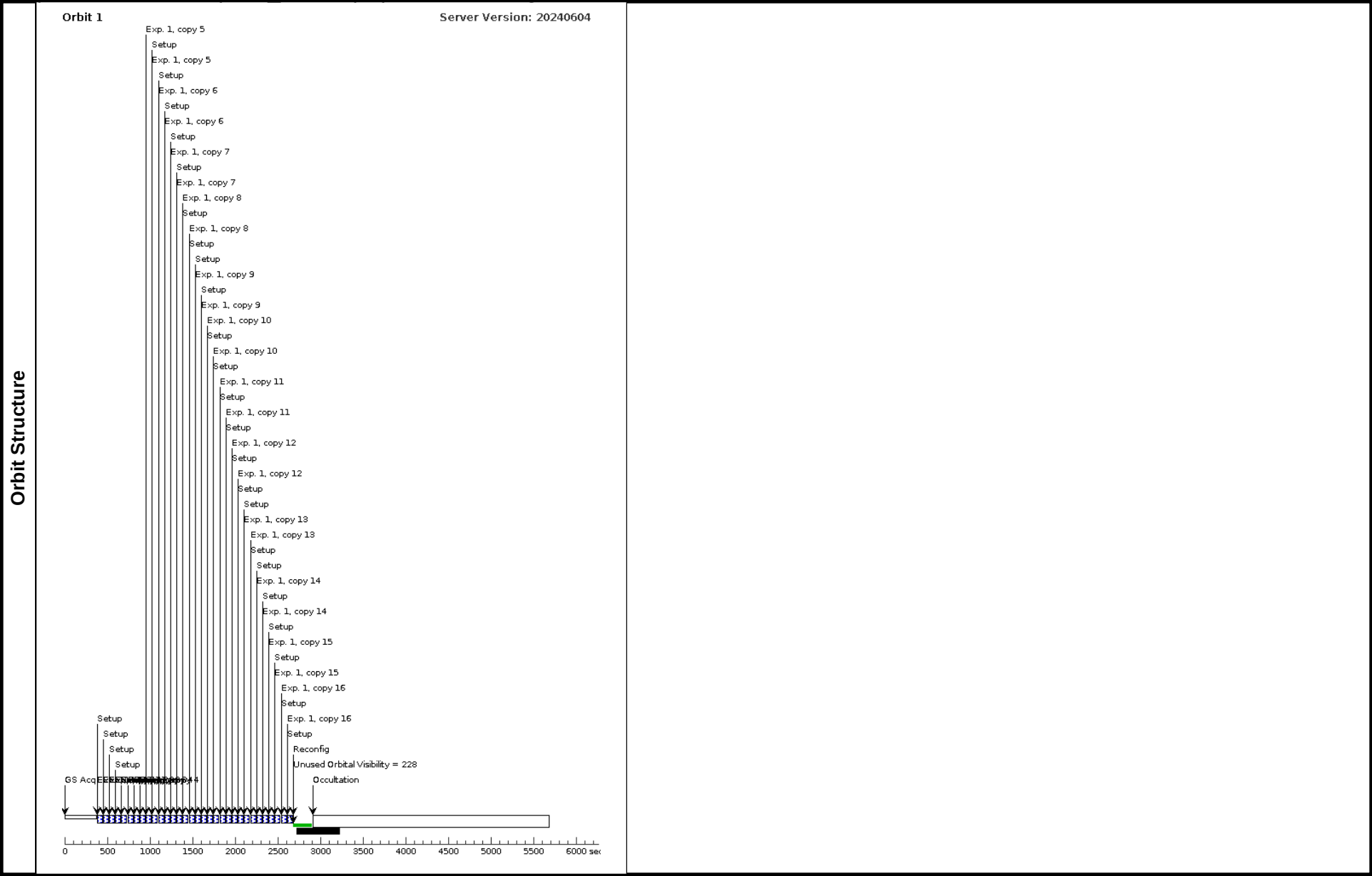


Proposal 16180 - Eclipse2 Orbit3 (08) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse2_Orbit3 (08), failed					Tue Jun 18 14:02:10 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 06					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse2 Orbit3 (08) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG -25,-30; SPATIAL SCAN 1.6 389,90.0 Degrees, Round trip	Sequence 1-1 Non-Interleaved in Eclipse2_Orbit3 (08)	23.774278 Secs X 16 (760.777 Secs)	[1]
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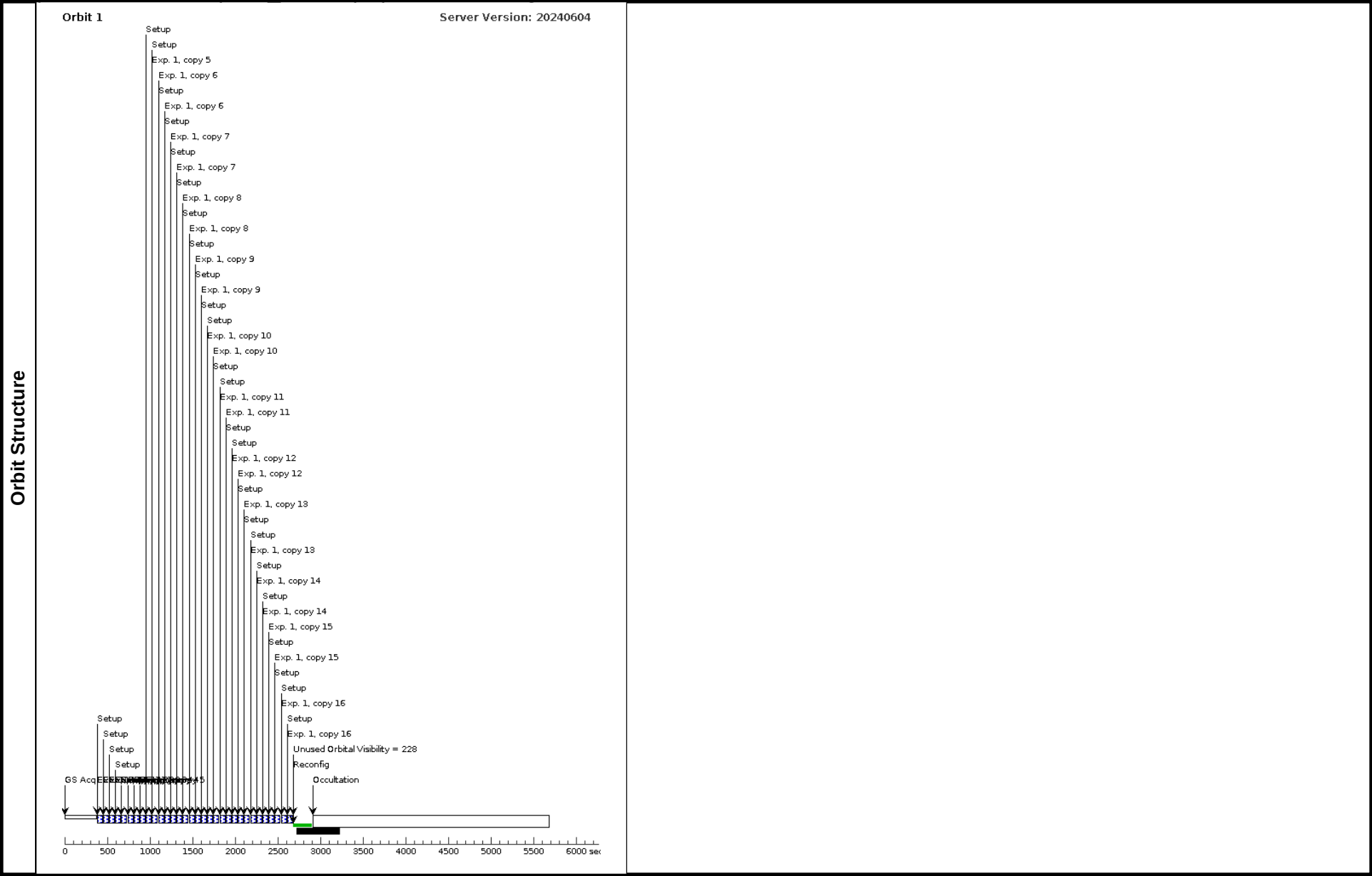


Proposal 16180 - Eclipse2 Orbit4 (09) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse2_Orbit4 (09), failed					Tue Jun 18 14:02:10 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 06					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d)	Proper Motion RA: -2.380559461785614E-4	V=7.7	Reference Frame: SIMBAD
			Dec: +22 42 35.19 (22.70978d)	sec of time/yr		
Fixed Targets			Equinox: J2000	Proper Motion Dec: -0.25022499999067804		
				arcsec/yr		
				Epoch of Position: 2015.5		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse2 Orbit4 (09) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG -25,-30; SPATIAL SCAN 1.6 389,90.0 Degrees, Round trip	Sequence 1-1 Non-Interleaved in Eclipse2_Orbit4 (09)	23.774278 Secs X 16 (760.777 Secs)	[1]
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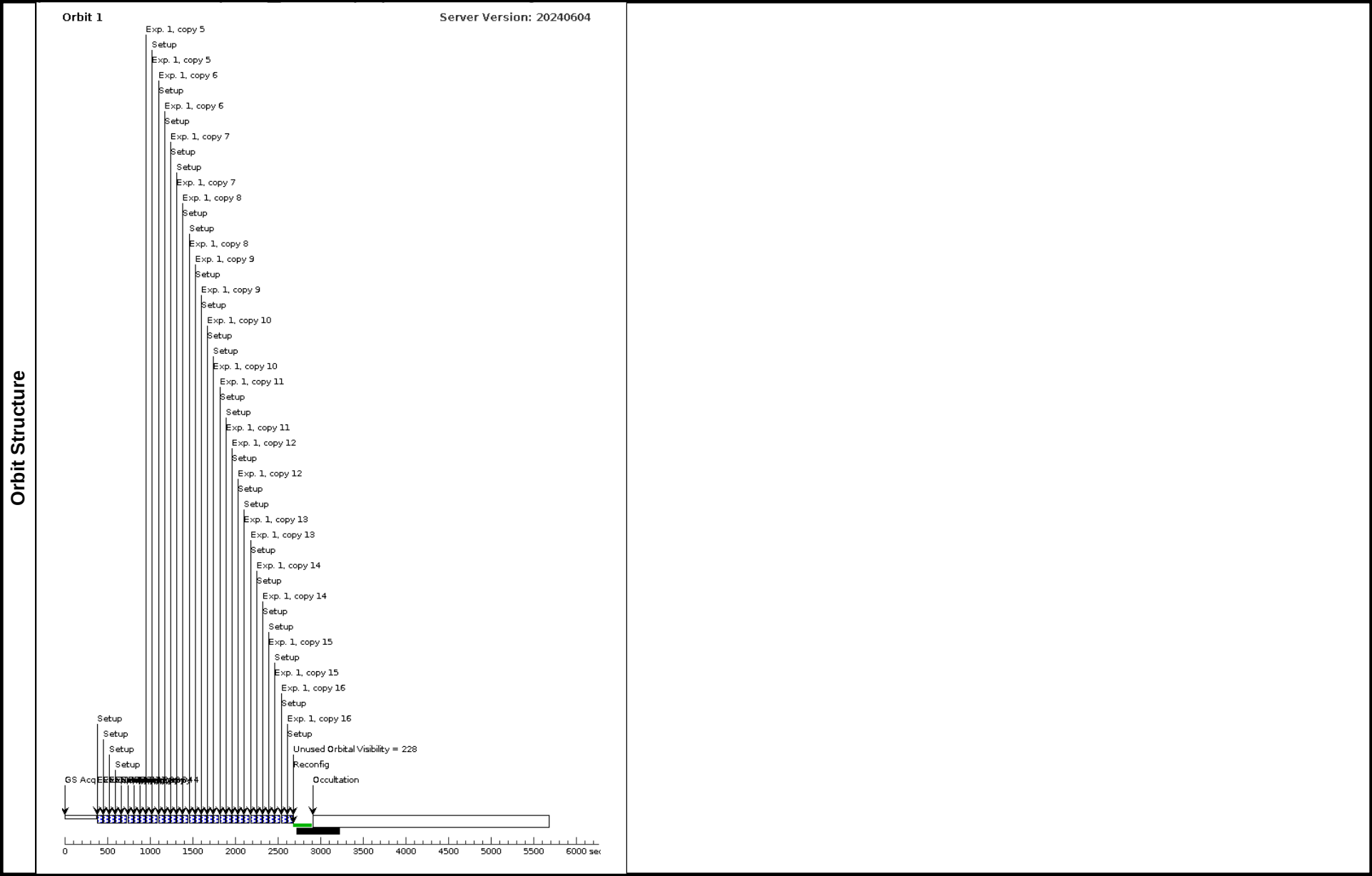


Proposal 16180 - Eclipse2 Orbit5 (10) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse2_Orbit5 (10), failed					Tue Jun 18 14:02:10 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 06					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d)	Proper Motion RA: -2.380559461785614E-4	V=7.7	Reference Frame: SIMBAD
			Dec: +22 42 35.19 (22.70978d)	sec of time/yr		
Fixed Targets			Equinox: J2000	Proper Motion Dec: -0.25022499999067804		
				arcsec/yr		
				Epoch of Position: 2015.5		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse2 Orbit5 (10) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM512	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG -25,-30; SPATIAL SCAN 1.6 389,90.0 Degrees, Round trip	Sequence 1-1 Non-Interleaved in Eclipse2_Orbit5 (10)	23.774278 Secs X 16 (760.777 Secs)	[1]
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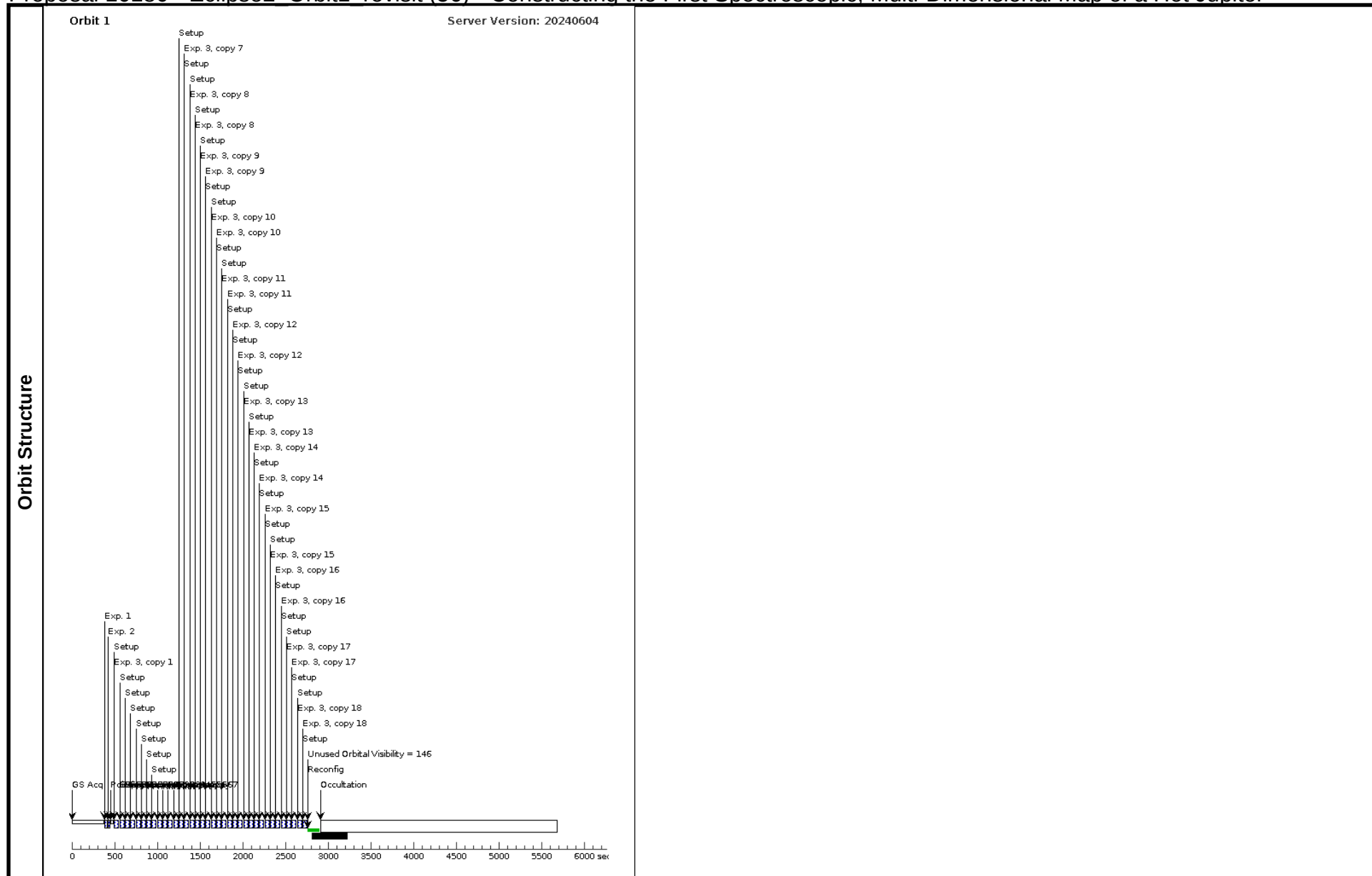


Proposal 16180 - Eclipse2 Orbit1 revisit (56) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse2_Orbit1_revisit (56), implementation					Tue Jun 18 14:02:10 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; ORIENT 0D TO 40 D; ORIENT 180D TO 220 D; Period 2.21857567 D AND ZERO-PHASE HJD2453955.5256; SEQ 56,57,58,59,60 WITHIN 5.05 Orbits					
	Comments: Repeat of failed observation Eclipse2 Orbit1					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d)	Proper Motion RA: -2.380559461785614E-4	V=7.7	Reference Frame: SIMBAD
			Dec: +22 42 35.19 (22.70978d)	sec of time/yr		
			Equinox: J2000	Proper Motion Dec: -0.25022499999067804		
				arcsec/yr		
				Epoch of Position: 2015.5		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse2 Orbit1 revisit (56) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Direct Image	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	F132N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2; PHASE 0.41423426 28422596 TO 0.4204 9453562749617	Sequence 1-3 Non-Int in Eclipse2_Orbit1_revisit (56)	0.833445 Secs (0.833 Secs) [==>]	[1]
	2	No Scan	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2	Sequence 1-3 Non-Int in Eclipse2_Orbit1_revisit (56)	0.833445 Secs (0.833 Secs) [==>]	[1]
	3	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPARS5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-3 Non-Int in Eclipse2_Orbit1_revisit (56)	14.37424 Secs X 18 (517.473 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)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)]	[1]

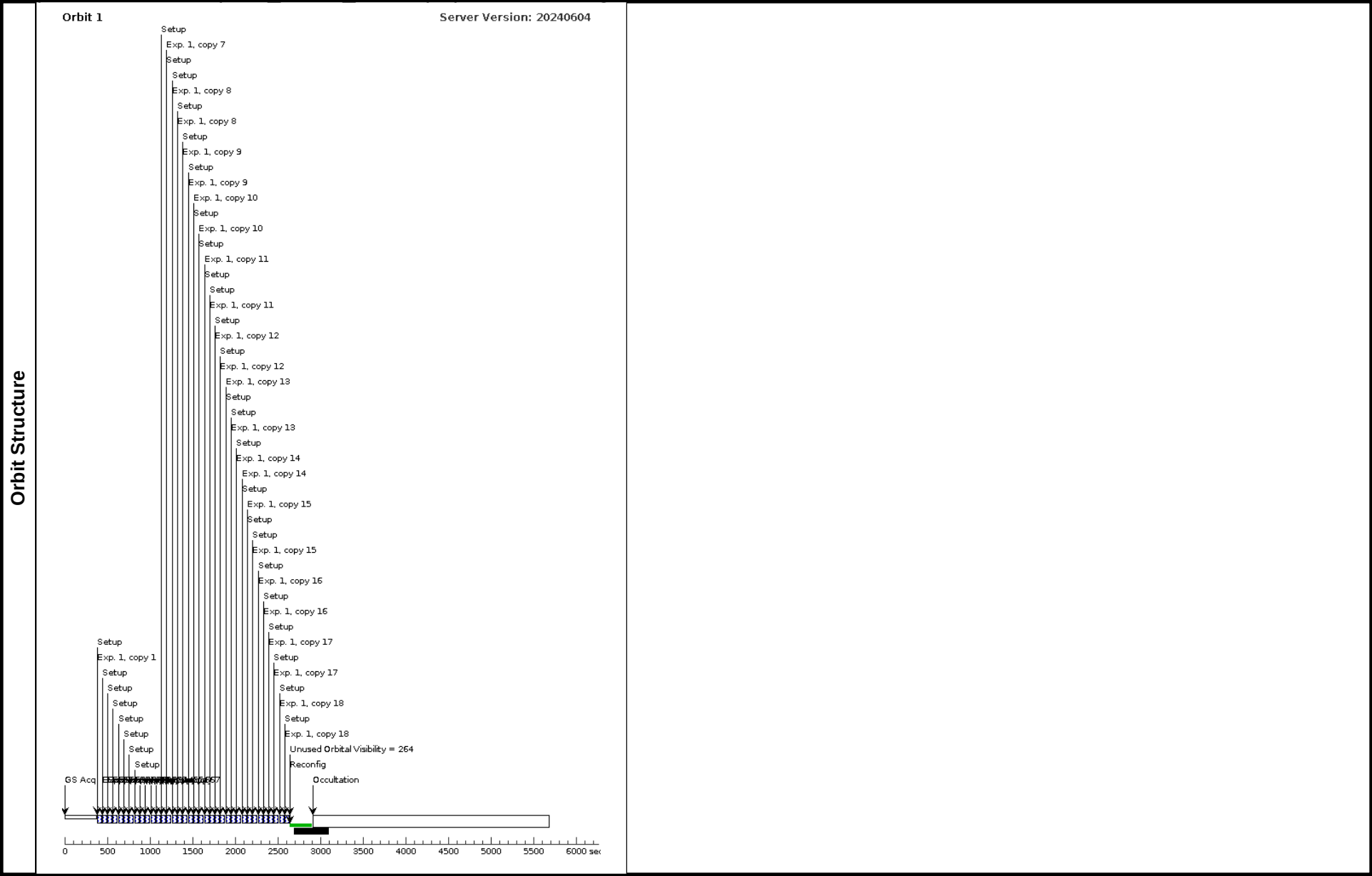


Proposal 16180 - Eclipse2 Orbit2 revisit (57) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse2_Orbit2_revisit (57), implementation					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 56 Comments: Repeat of failed observation Eclipse2 Orbit2					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse2 Orbit2 revisit (57) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees, Round trip	Sequence 1-1 Non-Int in Eclipse2_Orbit2_ revisit (57)	14.37424 Secs X 18 (517.473 Secs)	[1]
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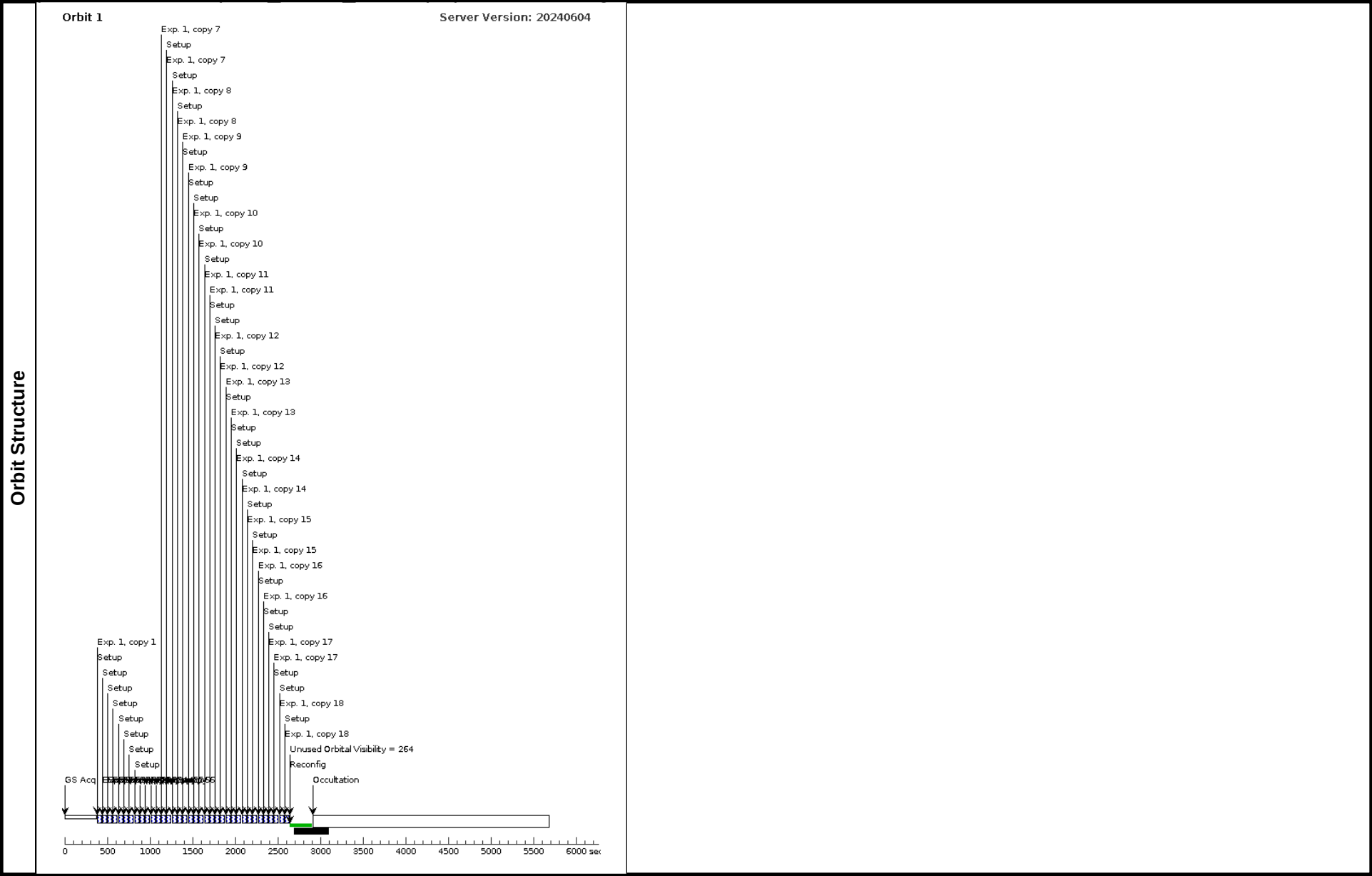


Proposal 16180 - Eclipse2 Orbit3 revisit (58) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse2_Orbit3_revisit (58), implementation					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 56 Comments: Repeat of failed observation Eclipse2 Orbit3					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse2 Orbit3 revisit (58) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees, Round trip	Sequence 1-1 Non-Int in Eclipse2_Orbit3_ revisit (58)	14.37424 Secs X 18 (517.473 Secs)	[1]
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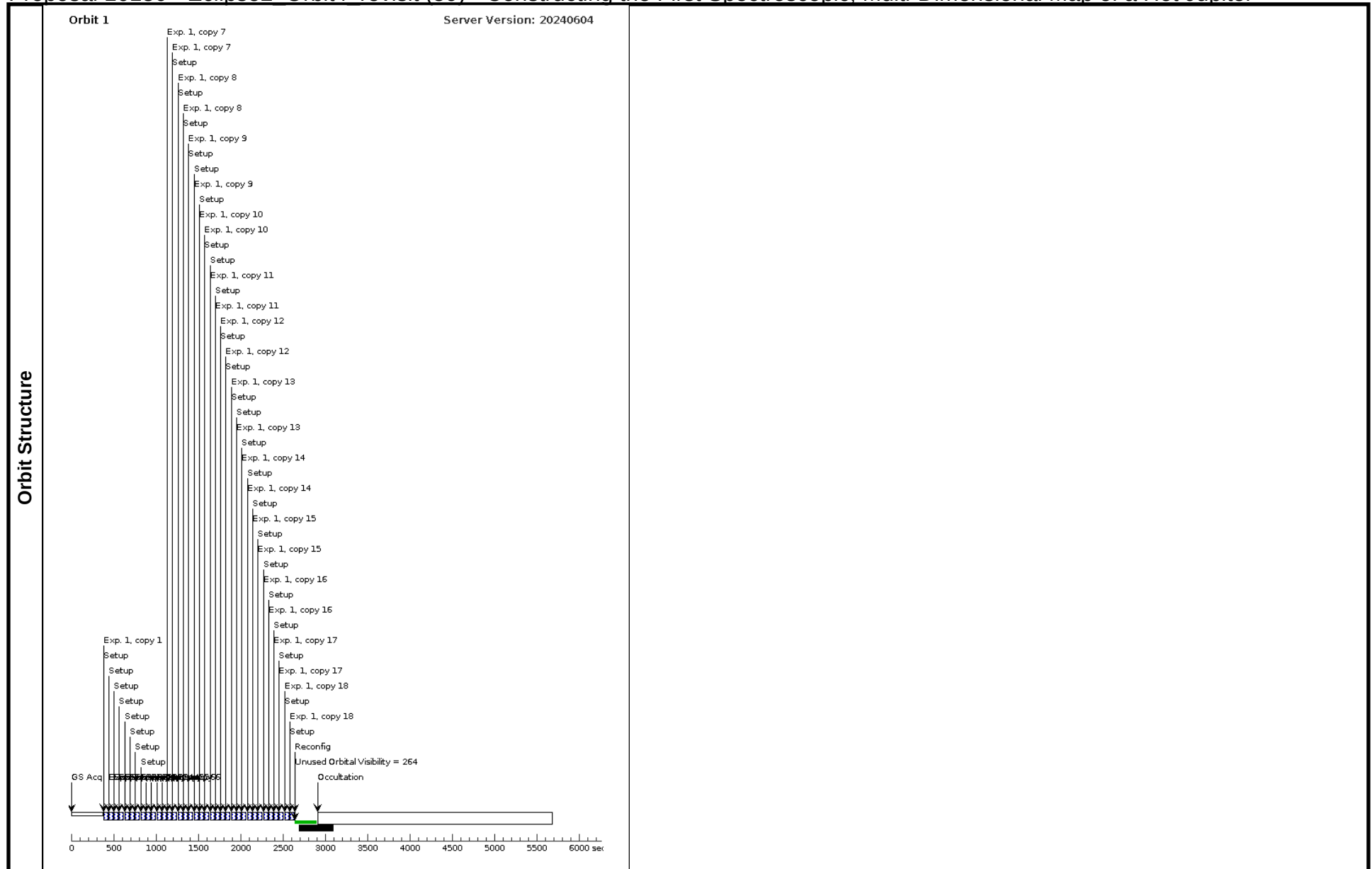
Proposal 16180 - Eclipse2 Orbit4 revisit (59) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse2_Orbit4_revisit (59), implementation					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 56					
	Comments: Repeat of failed observation Eclipse2 Orbit4					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d)	Proper Motion RA: -2.380559461785614E-4	V=7.7	Reference Frame: SIMBAD
			Dec: +22 42 35.19 (22.70978d)	sec of time/yr		
			Equinox: J2000	Proper Motion Dec: -0.25022499999067804		
Fixed Targets						
Fixed Targets	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse2 Orbit4 revisit (59) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees, Round trip	Sequence 1-1 Non-Int in Eclipse2_Orbit4_ revisit (59)	14.37424 Secs X 18 (517.473 Secs)	[1]
									[==>(Copy 1, Forward)]	
									[==>(Copy 1, Reverse)]	
									[==>(Copy 2, Forward)]	
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Proposal 16180 - Eclipse2 Orbit4 revisit (59) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

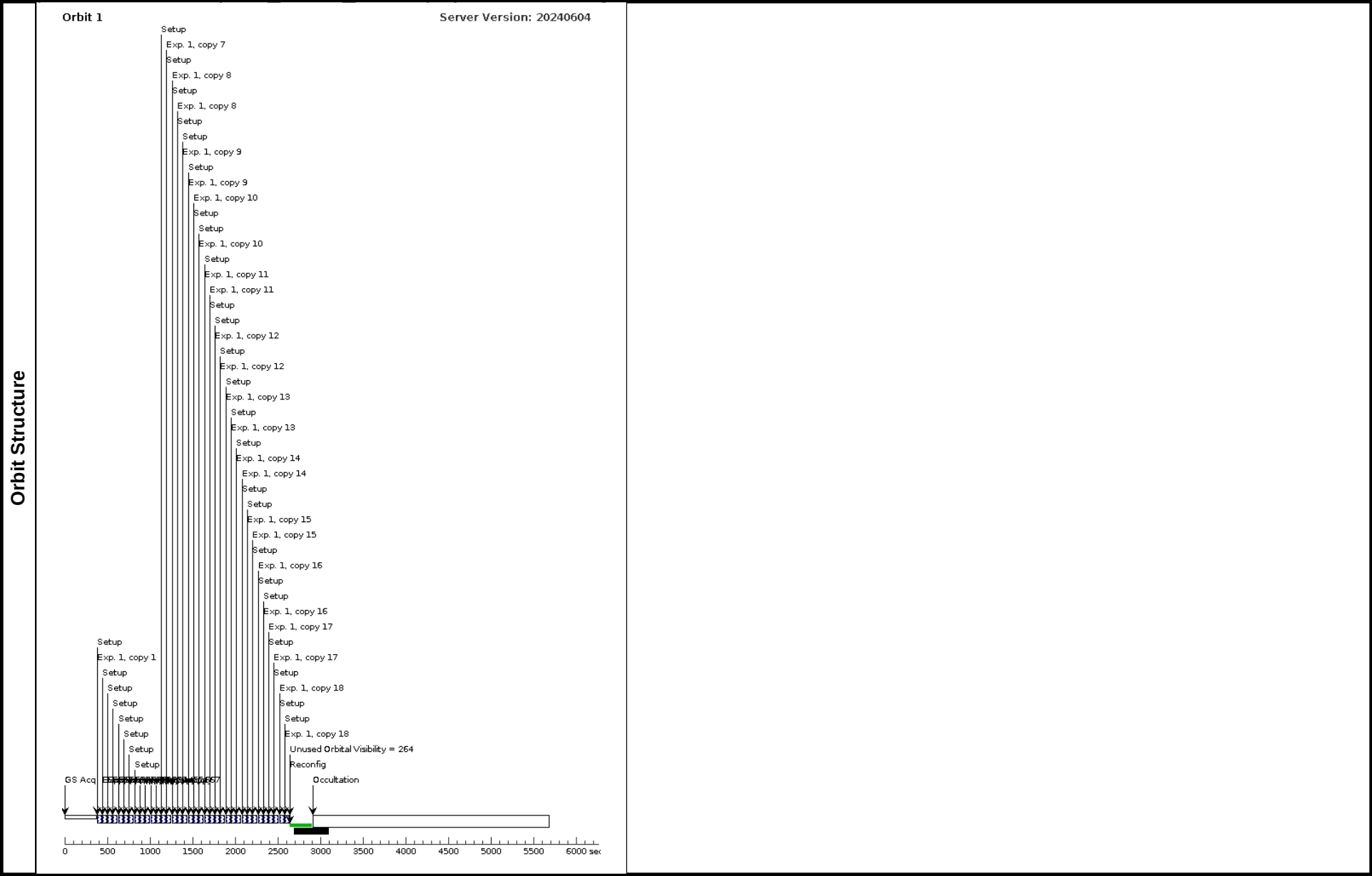


Proposal 16180 - Eclipse2 Orbit5 revisit (60) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse2_Orbit5_revisit (60), implementation					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 56 Comments: Repeat of failed observation Eclipse2 Orbit5					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse2 Orbit5 revisit (60) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-In t in Eclipse2_Orbit5_ revisit (60)	14.37424 Secs X 18 (517.473 Secs)	
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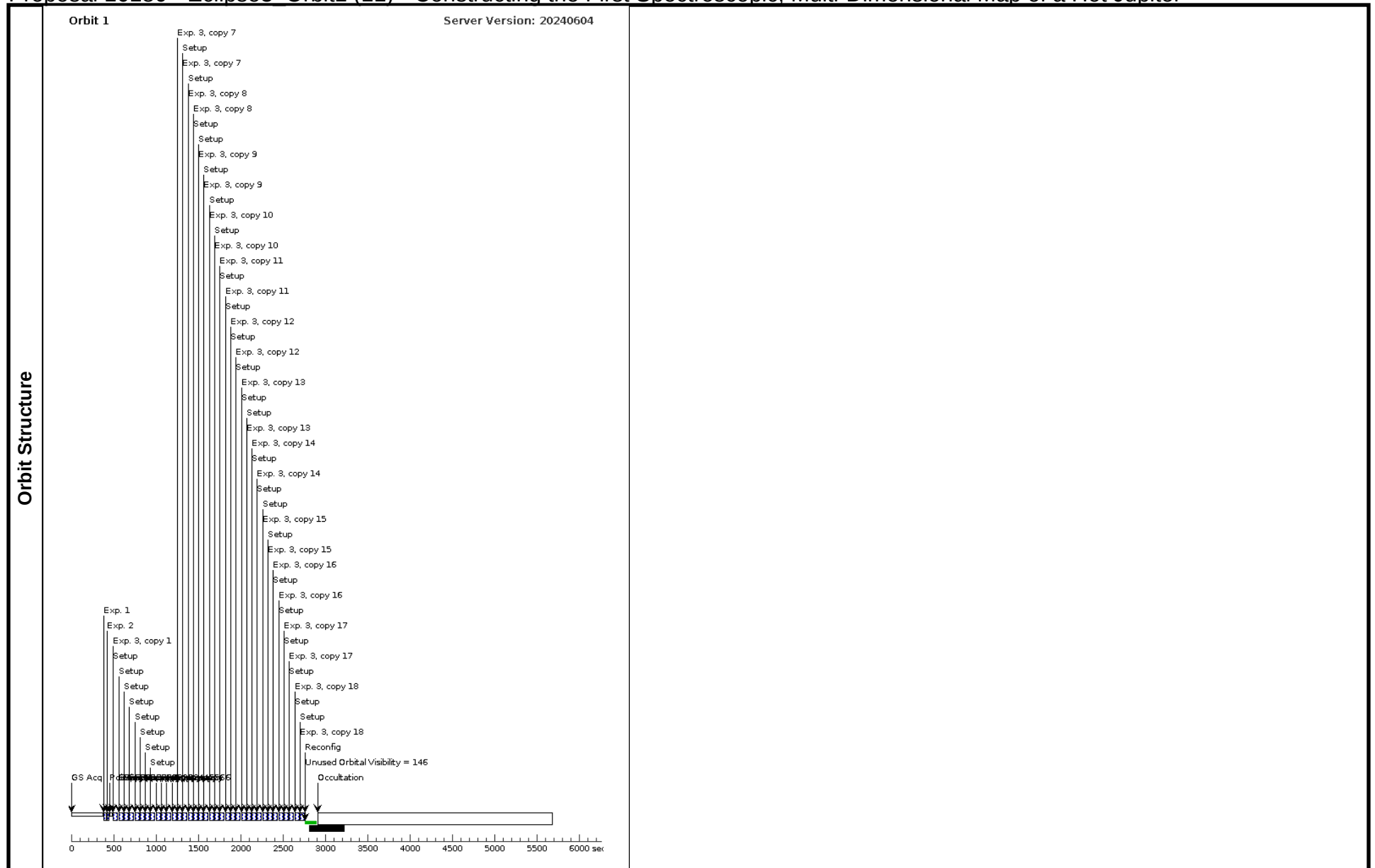
Proposal 16180 - Eclipse3 Orbit1 (11) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse3_Orbit1 (11), completed					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; ORIENT 0D TO 40 D; ORIENT 180D TO 220 D; Period 2.21857567 D AND ZERO-PHASE HJD2453955.5256; SEQ 11,12,13,14,15 WITHIN 5.02 Orbits					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.						
Category=STAR						
Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse3 Orbit1 (11) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Direct Image	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	F132N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2; PHASE 0.41423426 28422596 TO 0.4204 9453562749617	Sequence 1-3 Non-Int in Eclipse3_Orbit1 (11)	0.833445 Secs (0.833 Secs) [==>]	[1]
	2	No Scan	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2	Sequence 1-3 Non-Int in Eclipse3_Orbit1 (11)	0.833445 Secs (0.833 Secs) [==>]	[1]
	3	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPARS5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees, Round trip	Sequence 1-3 Non-Int in Eclipse3_Orbit1 (11)	14.37424 Secs X 18 (517.473 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)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)]	[1]

Proposal 16180 - Eclipse3 Orbit1 (11) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

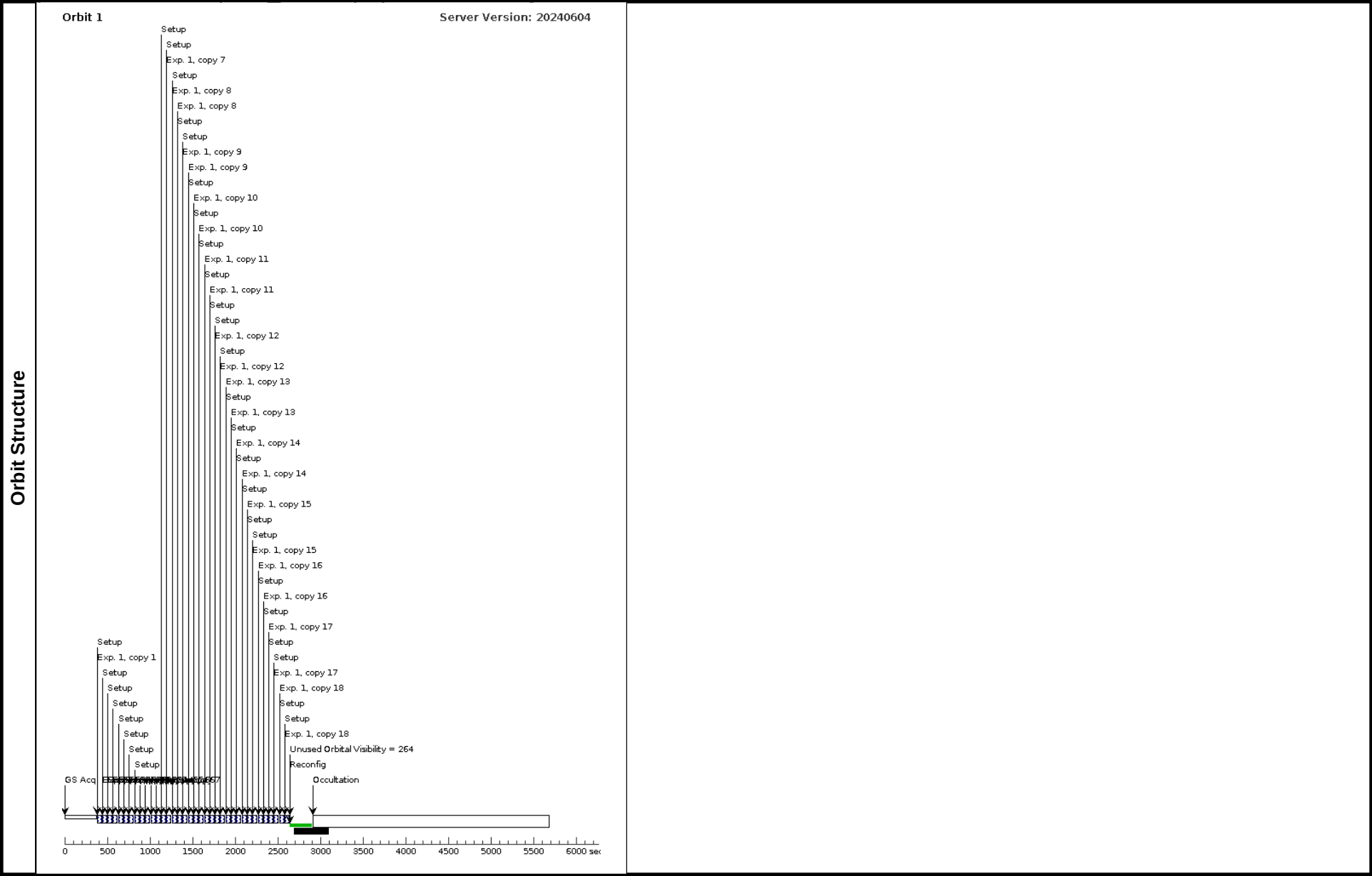


Proposal 16180 - Eclipse3 Orbit2 (12) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse3_Orbit2 (12), completed					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 11					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse3 Orbit2 (12) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-In t in Eclipse3_Orbit2 (12)	14.37424 Secs X 18 (517.473 Secs)	
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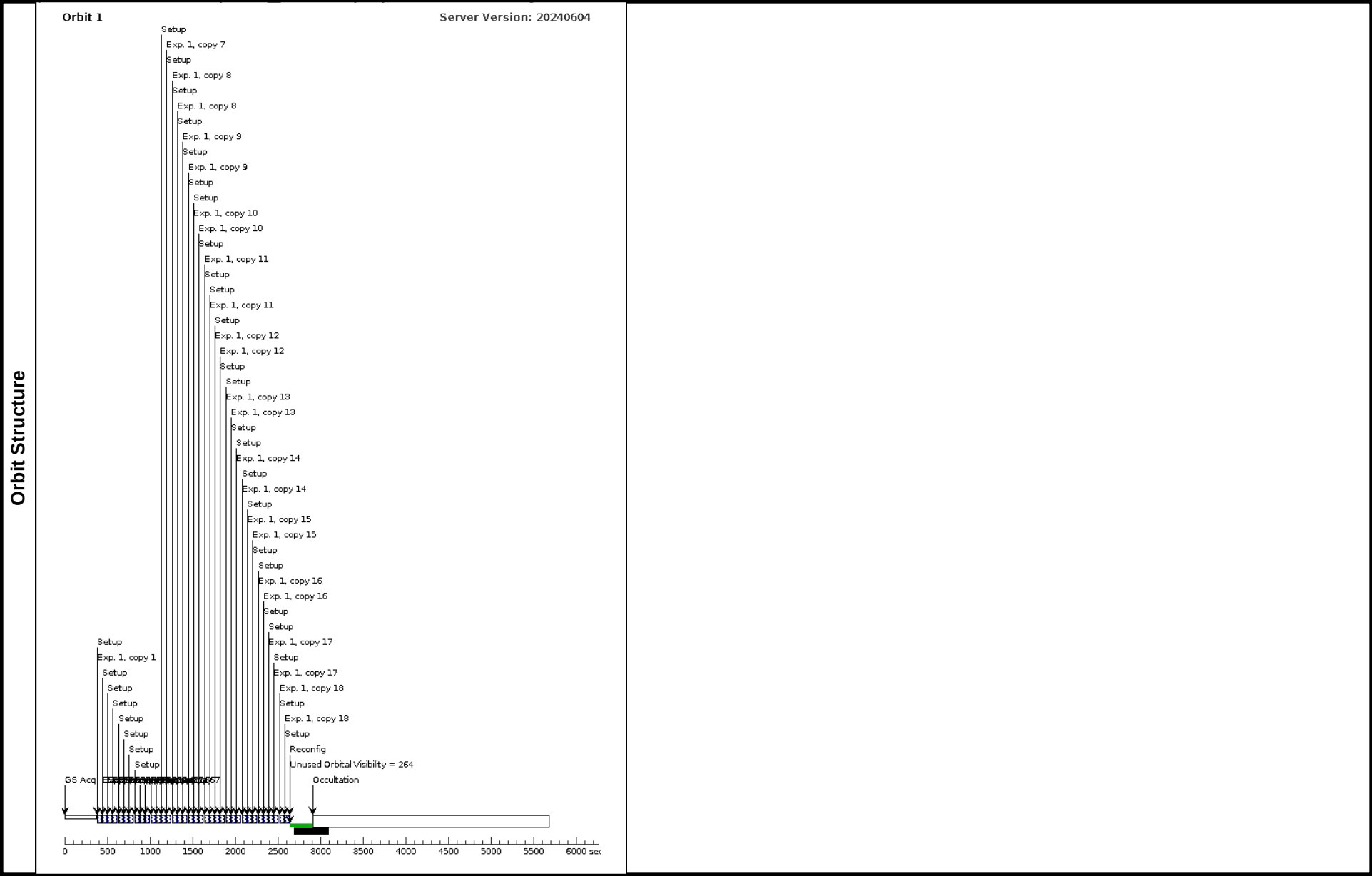
Proposal 16180 - Eclipse3 Orbit3 (13) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse3_Orbit3 (13), completed					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 11					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse3 Orbit3 (13) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-In t in Eclipse3_Orbit3 (13)	14.37424 Secs X 18 (517.473 Secs)	
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Proposal 16180 - Eclipse3 Orbit3 (13) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

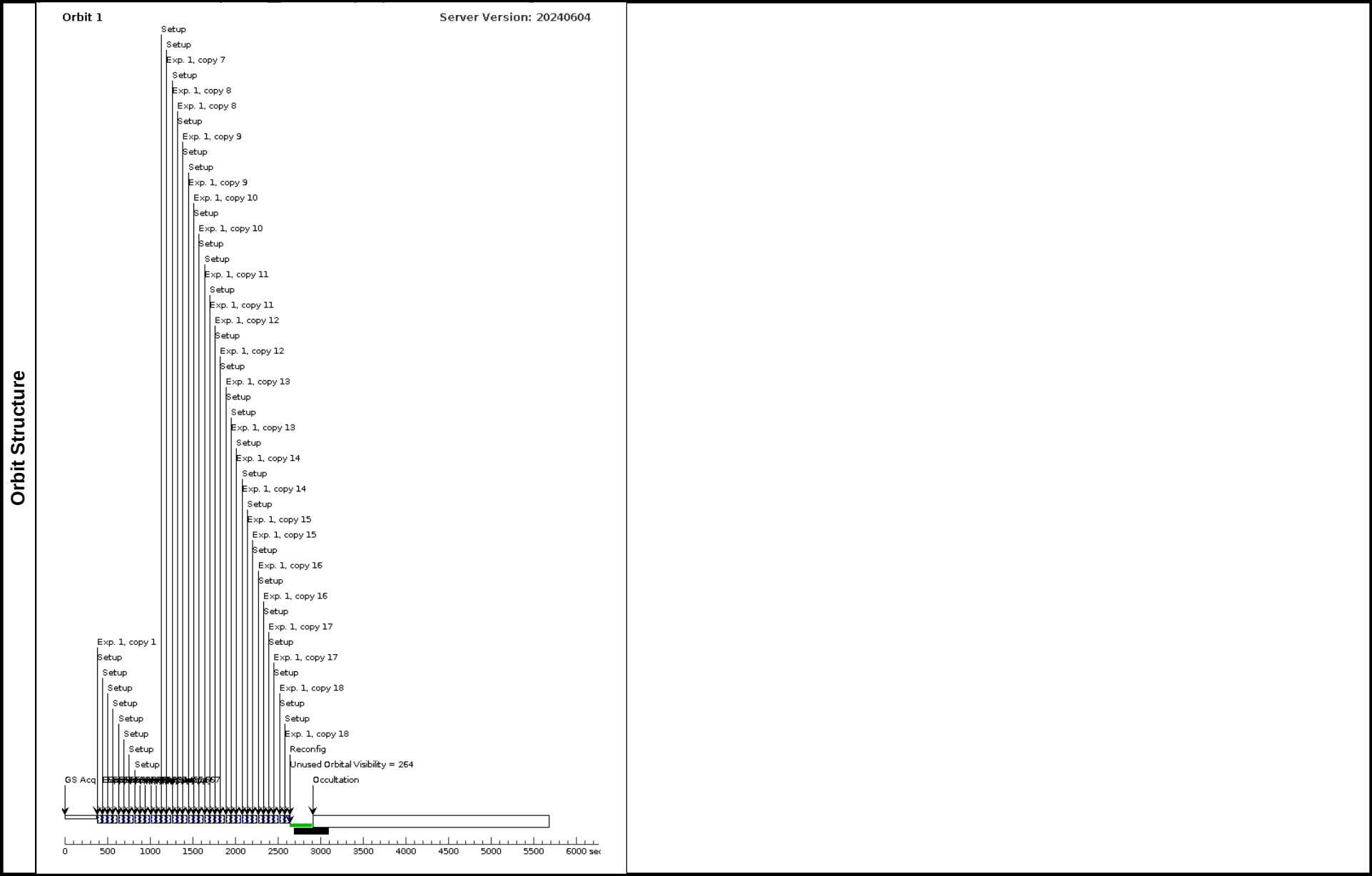


Proposal 16180 - Eclipse3 Orbit4 (14) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse3_Orbit4 (14), completed Tue Jun 18 14:02:11 GMT 2024				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 11				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7 Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse3 Orbit4 (14) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-Int in Eclipse3_Orbit4 (14)	14.37424 Secs X 18 (517.473 Secs)	[1]
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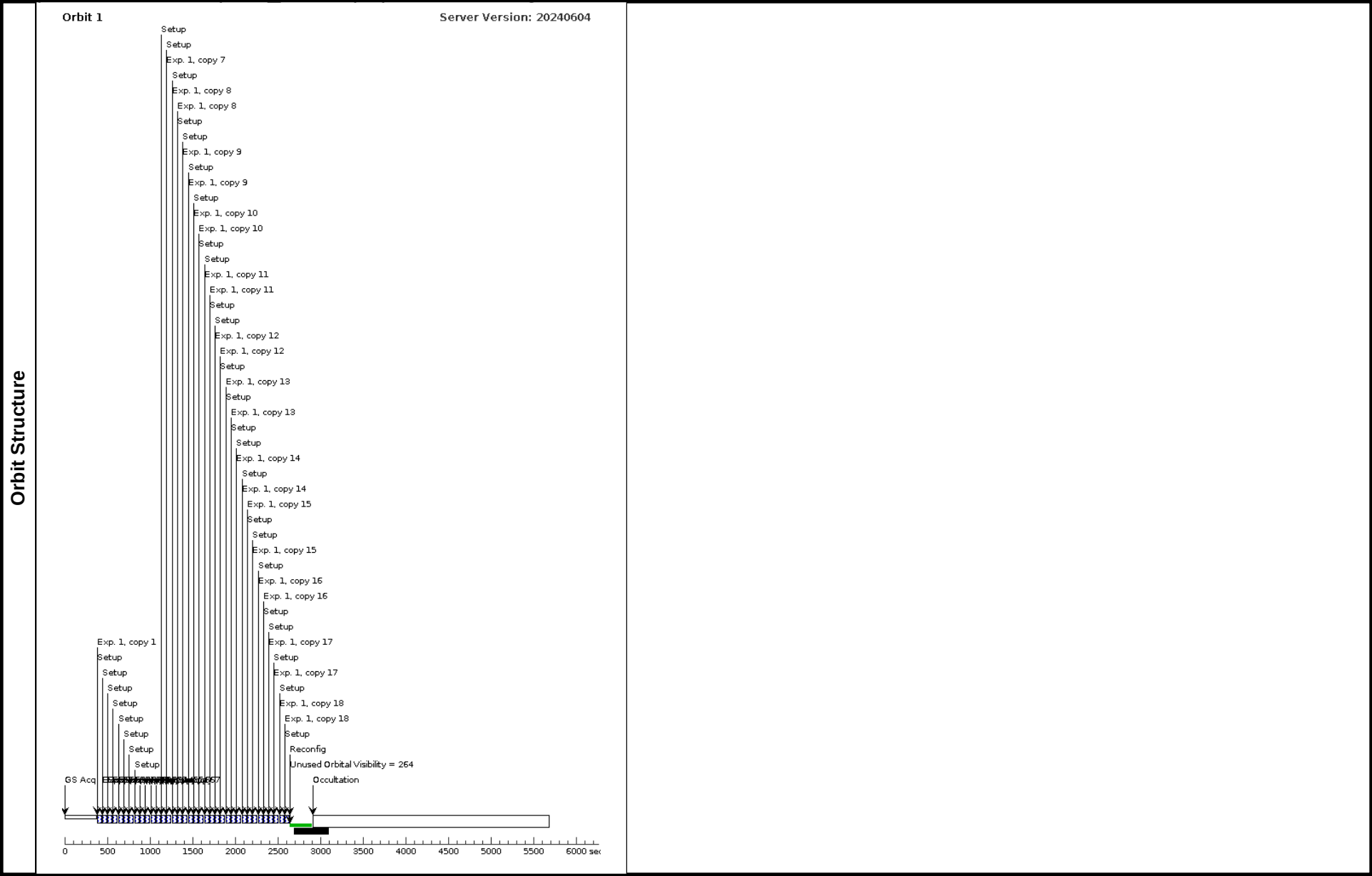
Proposal 16180 - Eclipse3 Orbit5 (15) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse3_Orbit5 (15), completed Tue Jun 18 14:02:11 GMT 2024				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 11				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7 Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse3 Orbit5 (15) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-In t in Eclipse3_Orbit5 (15)	14.37424 Secs X 18 (517.473 Secs)	
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Proposal 16180 - Eclipse3 Orbit5 (15) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter



Proposal 16180 - Eclipse4 Orbit1 (16) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse4_Orbit1 (16), failed					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; ORIENT 0D TO 40 D; ORIENT 180D TO 220 D; Period 2.21857567 D AND ZERO-PHASE HJD2453955.5256; SEQ 16,17,18,19,20 WITHIN 5.02 Orbits					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.						
Category=STAR						
Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse4 Orbit1 (16) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Direct Image	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	F132N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2; PHASE 0.41423426 28422596 TO 0.4204 9453562749617	Sequence 1-3 Non-Int in Eclipse4_Orbit1 (16)	0.833445 Secs (0.833 Secs) [==>]	[1]
	2	No Scan	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2	Sequence 1-3 Non-Int in Eclipse4_Orbit1 (16)	0.833445 Secs (0.833 Secs) [==>]	[1]
	3	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPARS5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees, Round trip	Sequence 1-3 Non-Int in Eclipse4_Orbit1 (16)	14.37424 Secs X 18 (517.473 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)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)]	[1]

Proposal 16180 - Eclipse4 Orbit1 (16) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

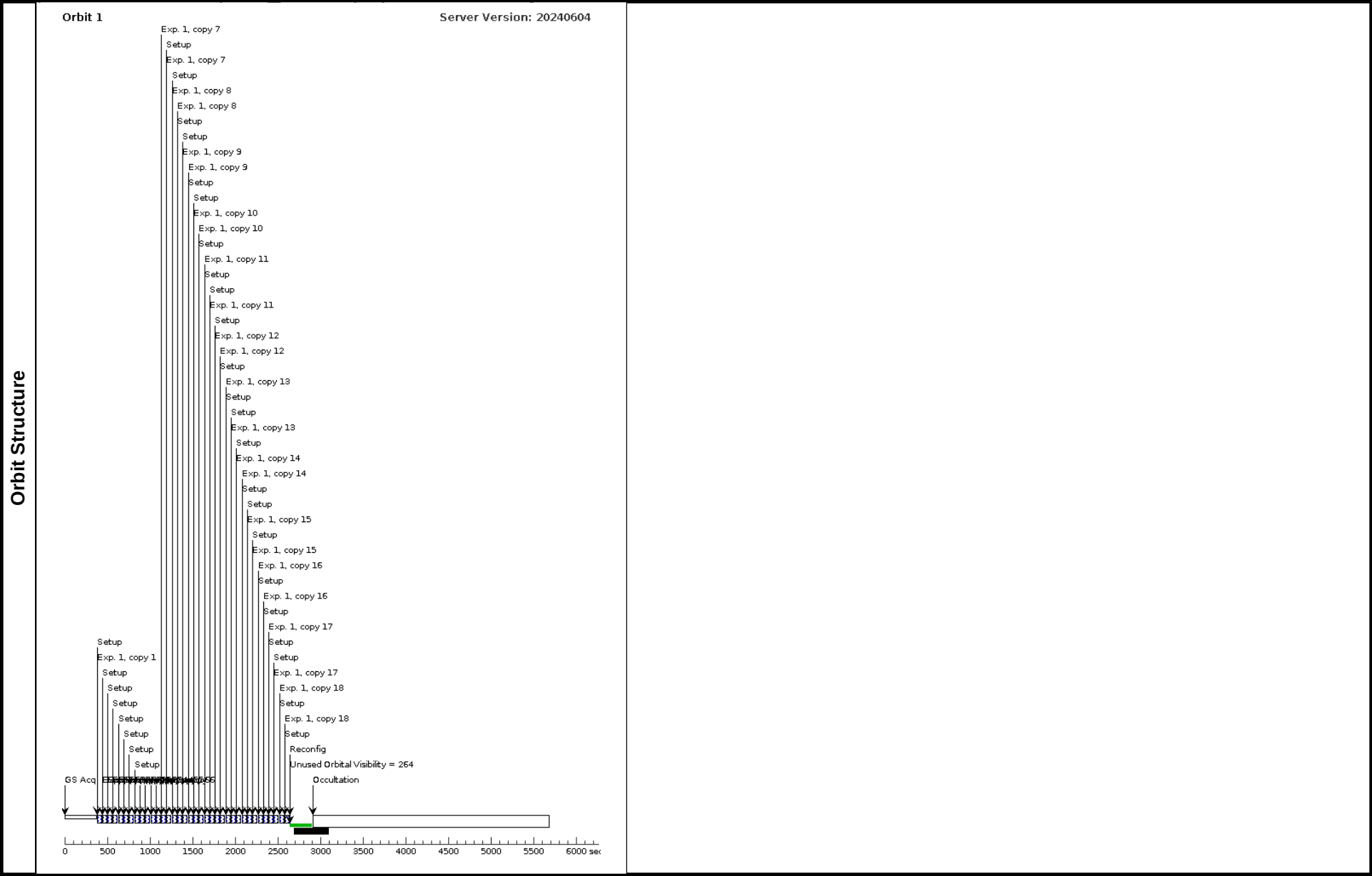


Proposal 16180 - Eclipse4 Orbit2 (17) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse4_Orbit2 (17), failed					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 16					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse4 Orbit2 (17) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-Int in Eclipse4_Orbit2 (17)	14.37424 Secs X 18 (517.473 Secs)	
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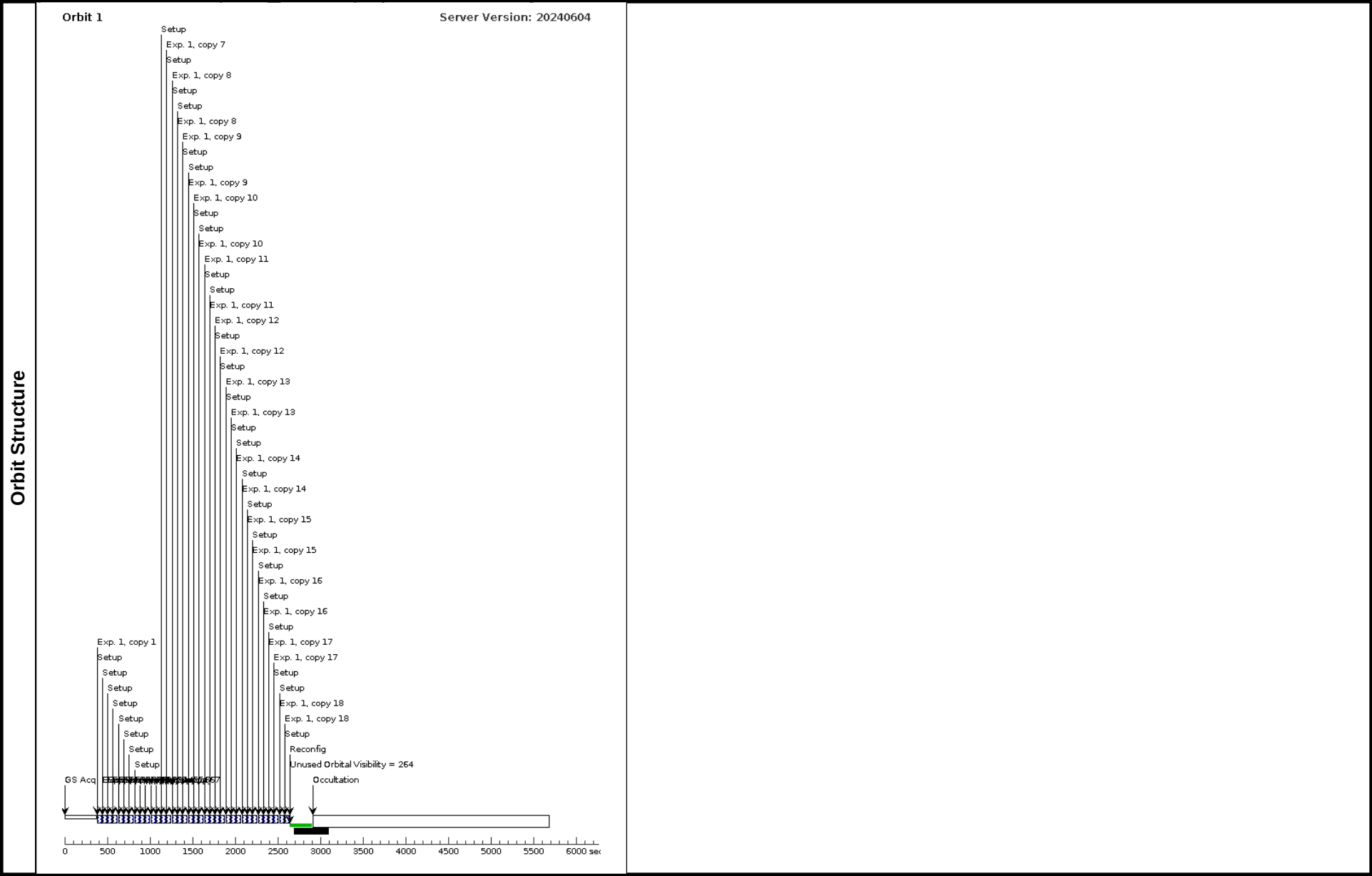


Proposal 16180 - Eclipse4 Orbit3 (18) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse4_Orbit3 (18), failed					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 16					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse4 Orbit3 (18) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-Int in Eclipse4_Orbit3 (18)	14.37424 Secs X 18 (517.473 Secs)	
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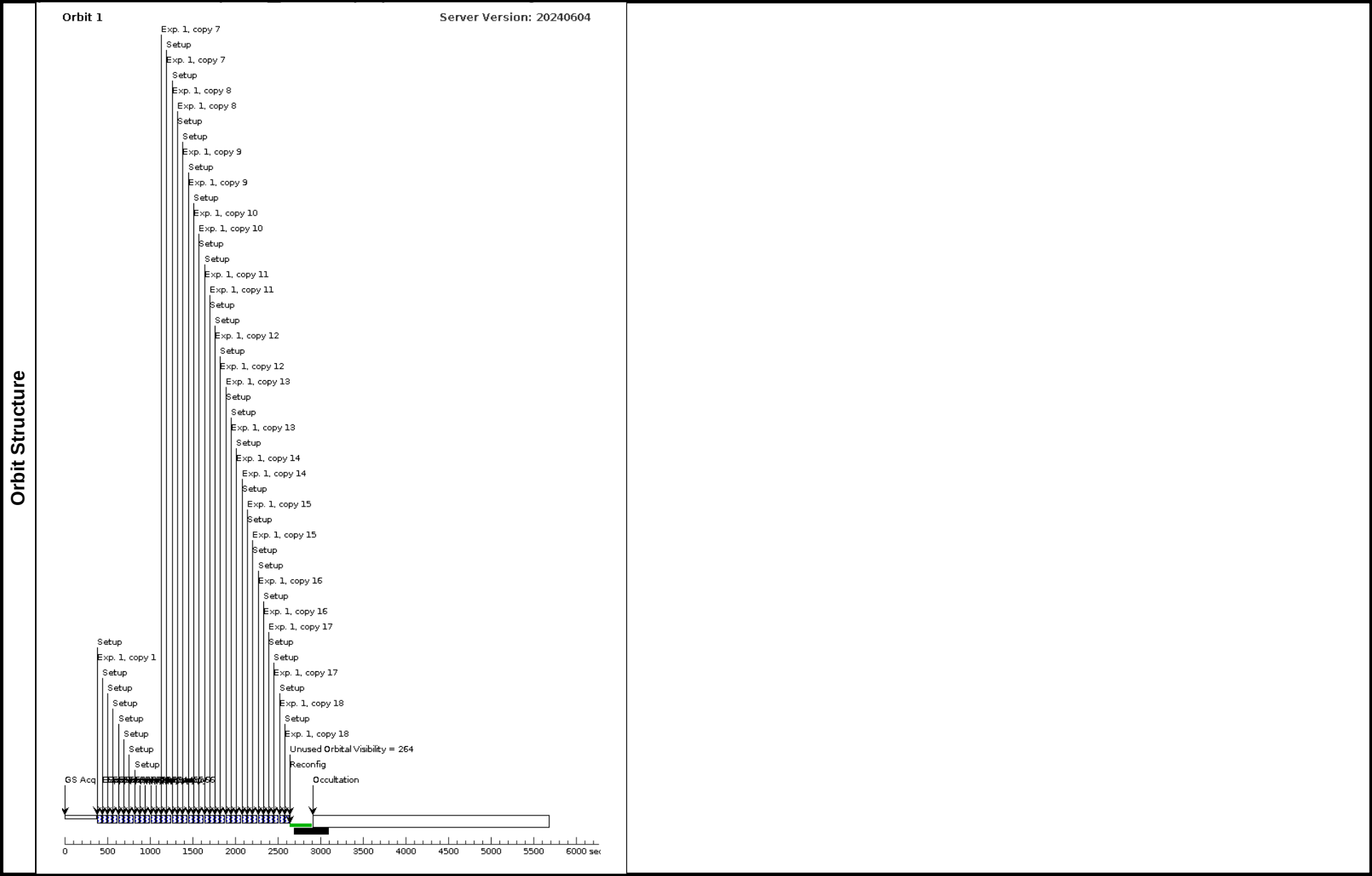


Proposal 16180 - Eclipse4 Orbit4 (19) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse4_Orbit4 (19), implementation Tue Jun 18 14:02:11 GMT 2024				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 16				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7 Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse4 Orbit4 (19) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees, Round trip	Sequence 1-1 Non-Int in Eclipse4_Orbit4 (19)	14.37424 Secs X 18 (517.473 Secs)	[1]
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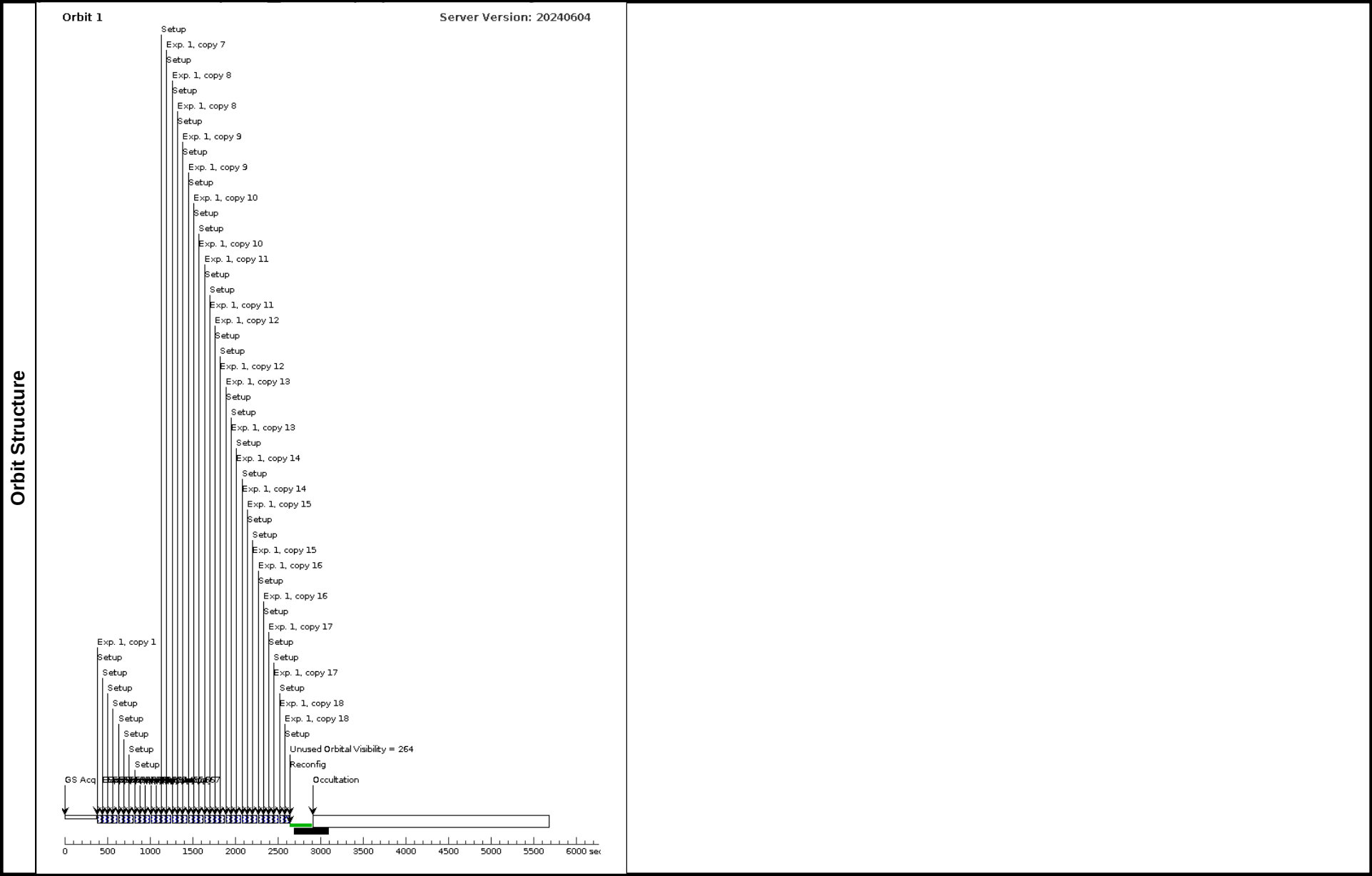


Proposal 16180 - Eclipse4 Orbit5 (20) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse4_Orbit5 (20), implementation					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 16					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse4 Orbit5 (20) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees, Round trip	Sequence 1-1 Non-Int in Eclipse4_Orbit5 (20)	14.37424 Secs X 18 (517.473 Secs)	[1]
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Proposal 16180 - Eclipse4 Orbit1 revisit (66) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse4_Orbit1_revisit (66)					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; ORIENT 0D TO 40 D; ORIENT 180D TO 220 D; Period 2.21857567 D AND ZERO-PHASE HJD2453955.5256; SEQ 66,67,68,69,70 WITHIN 5.1 Orbits					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.						
Category=STAR						
Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse4 Orbit1 revisit (66) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Direct Image	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	F132N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2; PHASE 0.41423426 28422596 TO 0.4204 9453562749617	Sequence 1-3 Non-Int in Eclipse4_Orbit1_revisit (66)	0.833445 Secs (0.833 Secs) [==>]	[1]
	2	No Scan	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2	Sequence 1-3 Non-Int in Eclipse4_Orbit1_revisit (66)	0.833445 Secs (0.833 Secs) [==>]	[1]
	3	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPARS5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees, Round trip	Sequence 1-3 Non-Int in Eclipse4_Orbit1_revisit (66)	14.37424 Secs X 18 (517.473 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)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)]	[1]

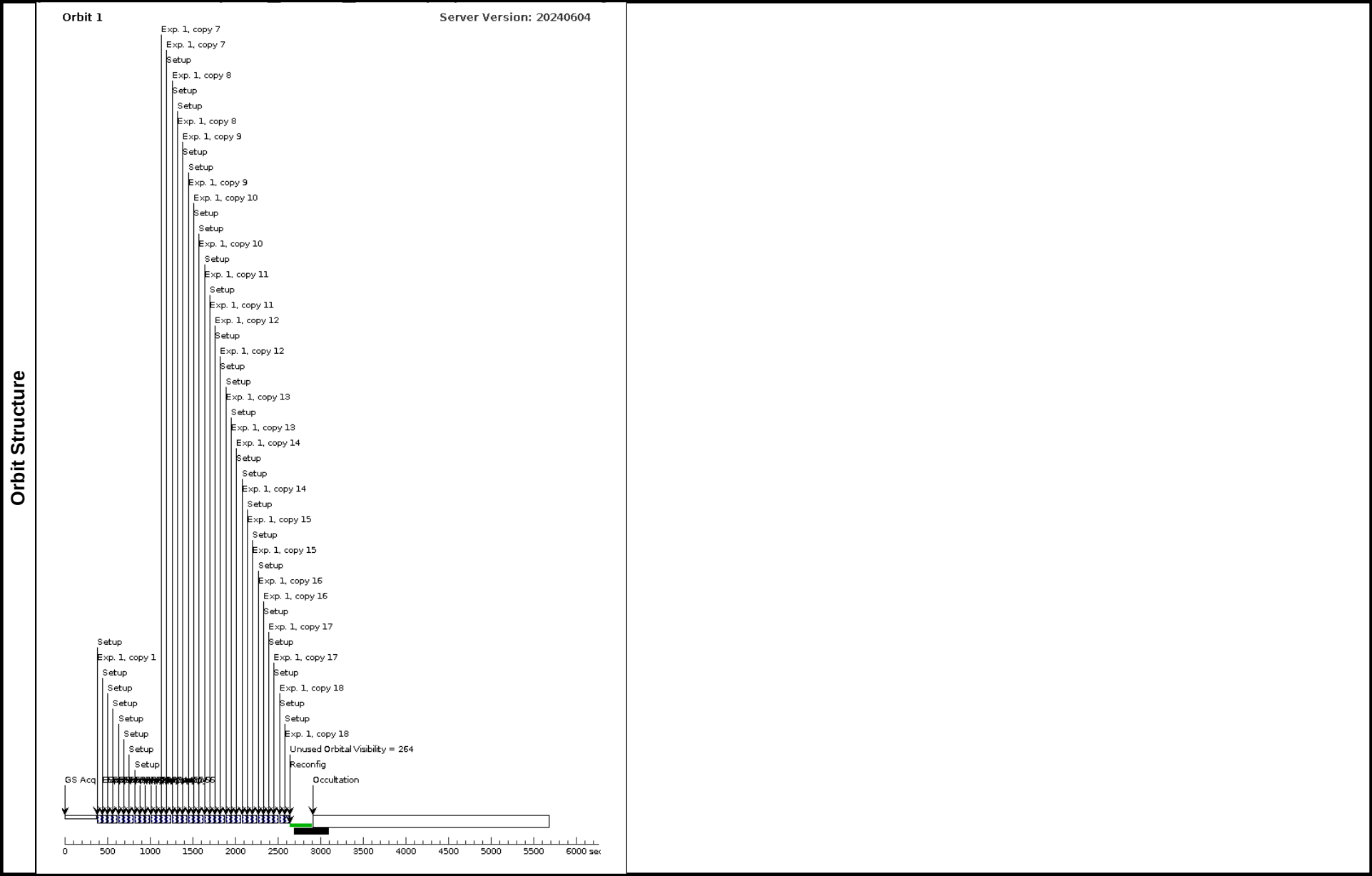


Proposal 16180 - Eclipse4 Orbit2 revisit (67) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse4_Orbit2_revisit (67)					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 66					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d)	Proper Motion RA: -2.380559461785614E-4	V=7.7	Reference Frame: SIMBAD
			Dec: +22 42 35.19 (22.70978d)	sec of time/yr		
Fixed Targets			Equinox: J2000	Proper Motion Dec: -0.25022499999067804		
				arcsec/yr		
				Epoch of Position: 2015.5		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse4 Orbit2 revisit (67) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-In t in Eclipse4_Orbit2_ revisit (67)	14.37424 Secs X 18 (517.473 Secs)	
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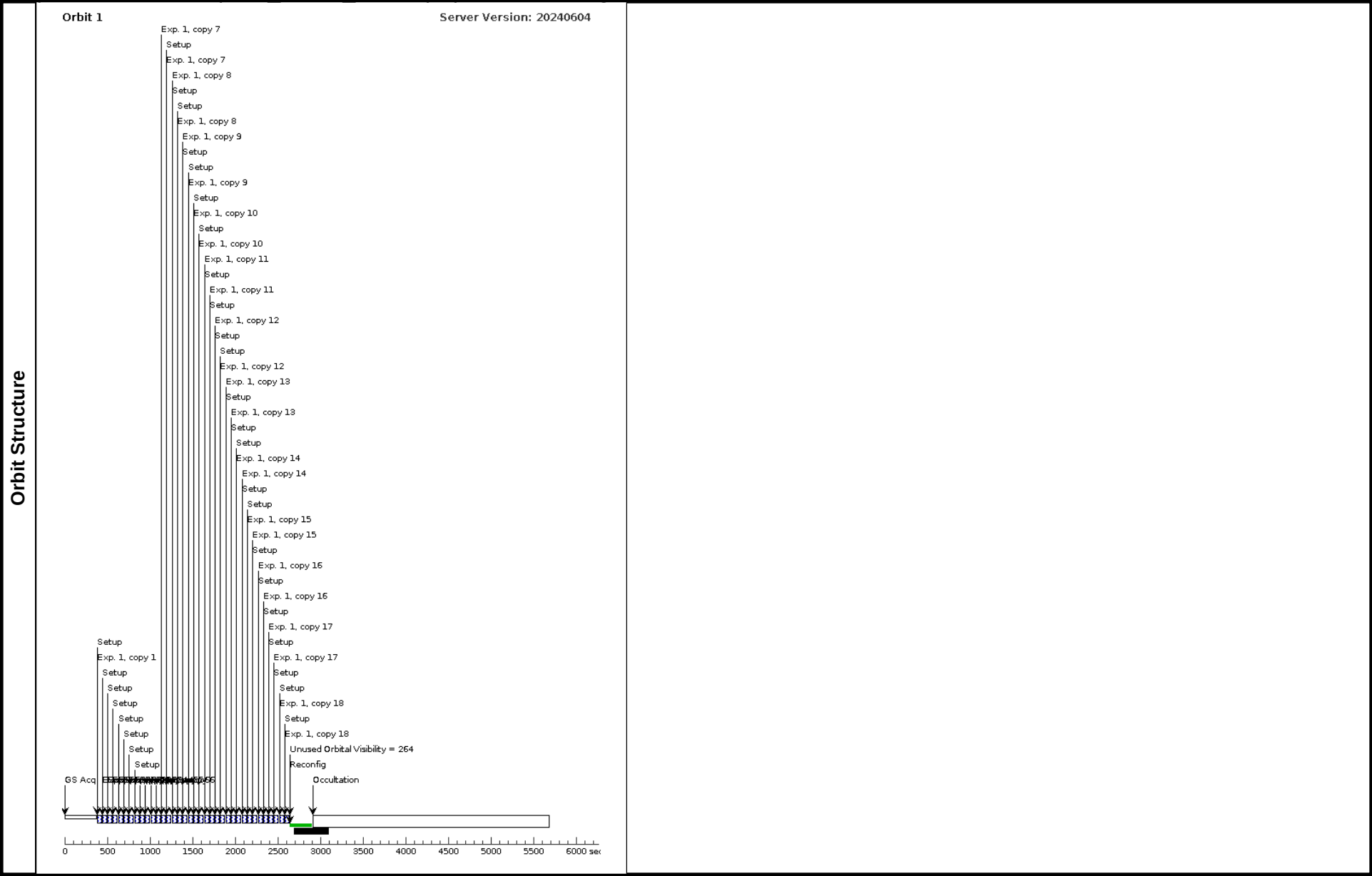


Proposal 16180 - Eclipse4 Orbit3 revisit (68) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse4_Orbit3_revisit (68)					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 66					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse4 Orbit3 revisit (68) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-Int in Eclipse4_Orbit3_ revisit (68)	14.37424 Secs X 18 (517.473 Secs)	[1]
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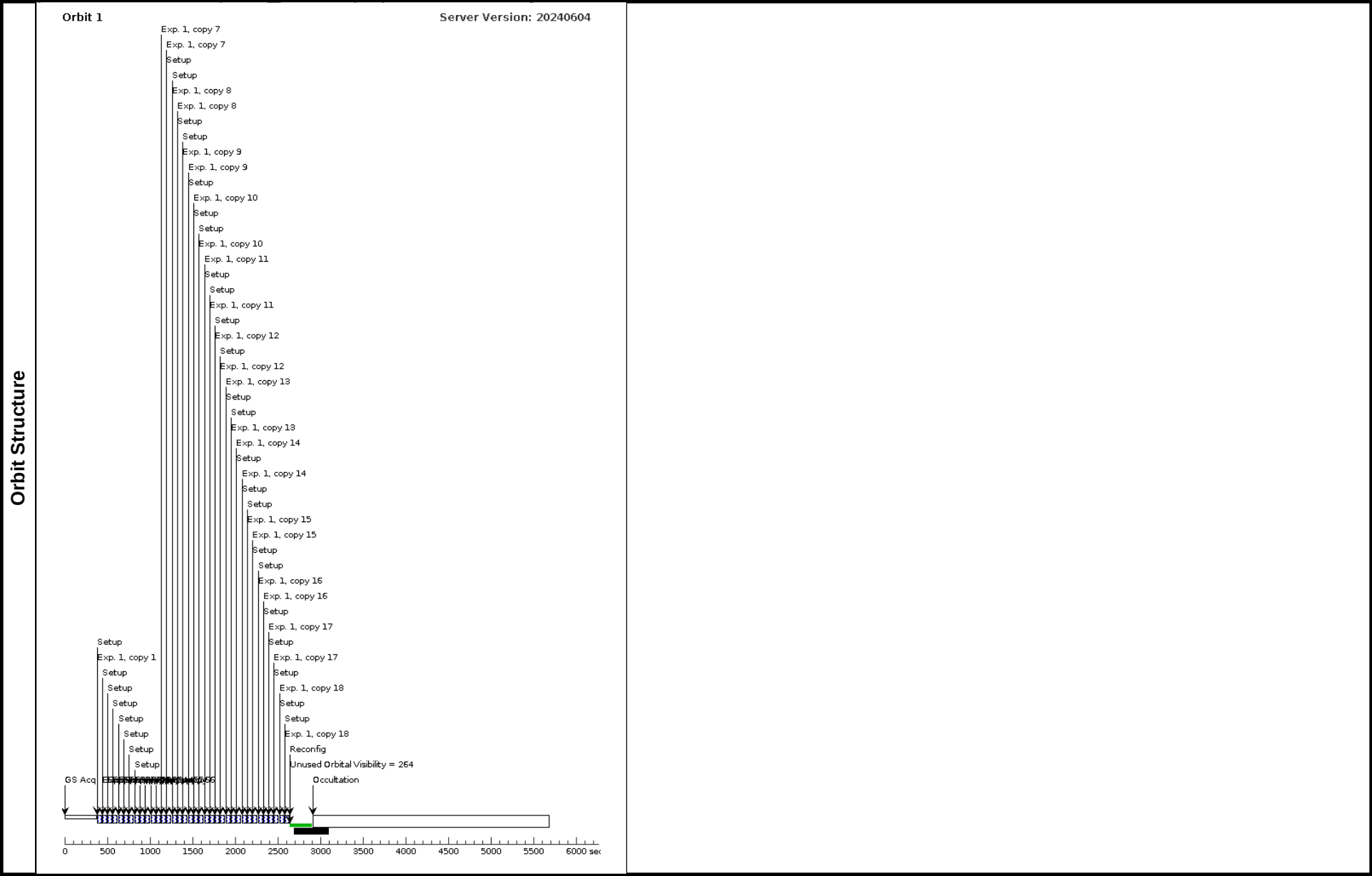


Proposal 16180 - Eclipse4 Orbit4 (69) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse4_Orbit4 (69)					Tue Jun 18 14:02:11 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 66					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse4 Orbit4 (69) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-In t in Eclipse4_Orbit4 (69)	14.37424 Secs X 18 (517.473 Secs)	
Exposures									[==>(Copy 1, Forward)]	[1]
									[==>(Copy 1, Reverse)]	
									[==>(Copy 2, Forward)]	
									[==>(Copy 2, Reverse)]	
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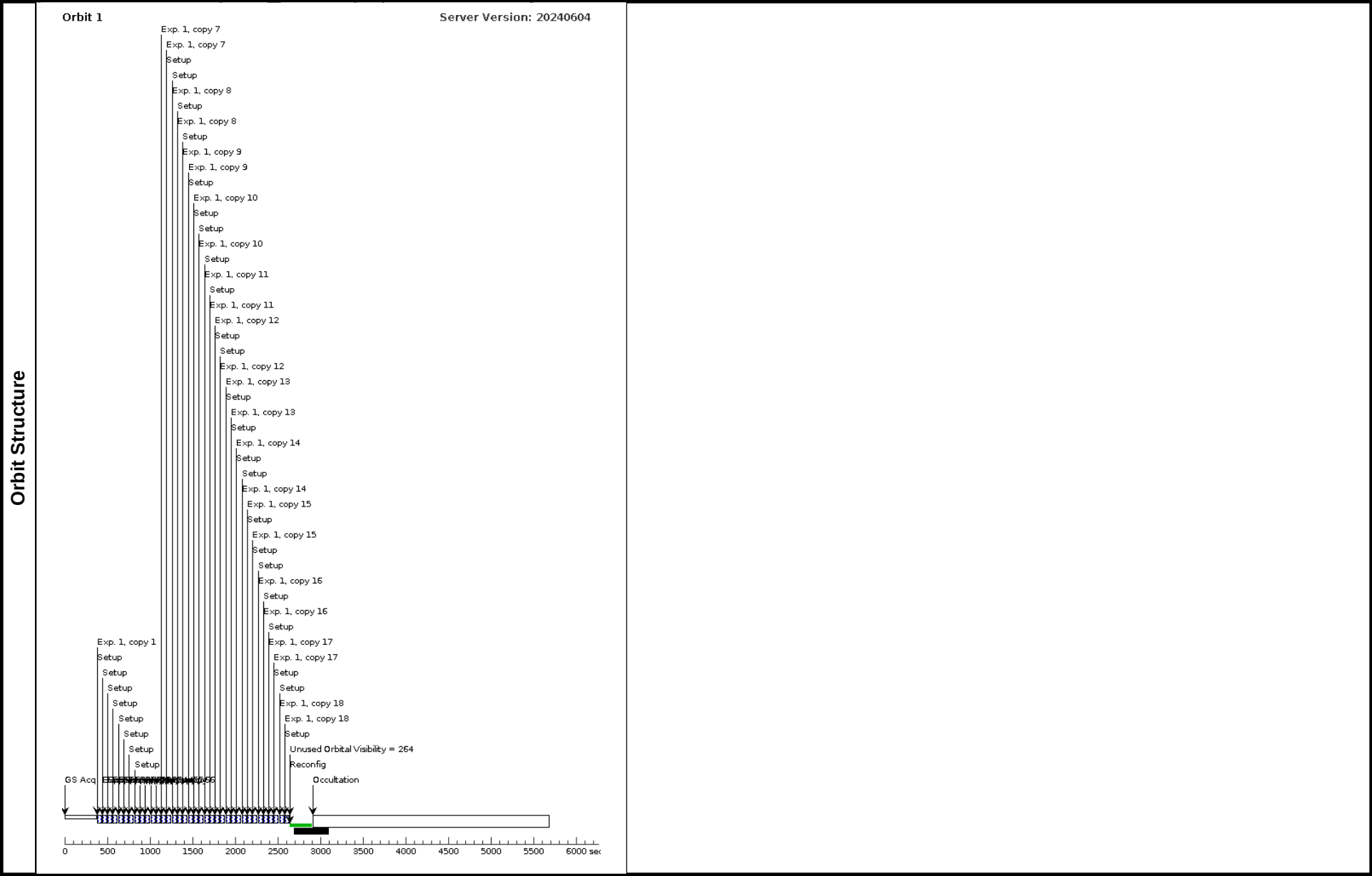


Proposal 16180 - Eclipse4 Orbit5 (70) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse4_Orbit5 (70)					Tue Jun 18 14:02:12 GMT 2024
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 66					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse4 Orbit5 (70) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-Int in Eclipse4_Orbit5 (70)	14.37424 Secs X 18 (517.473 Secs)	[1]
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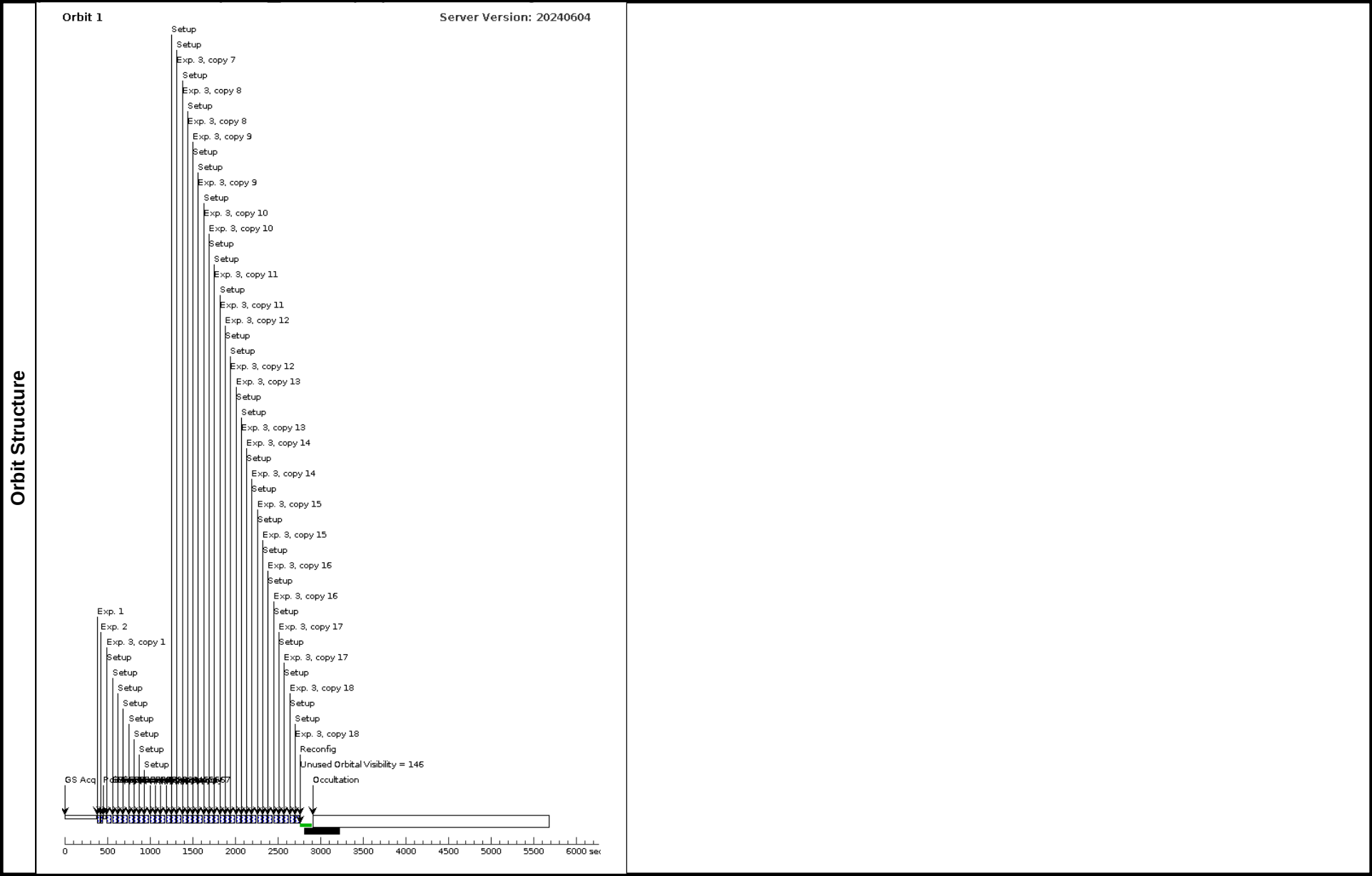


Proposal 16180 - Eclipse5 Orbit1 (21) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse5_Orbit1 (21), implementation					Tue Jun 18 14:02:12 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; ORIENT 0D TO 40 D; ORIENT 180D TO 220 D; Period 2.21857567 D AND ZERO-PHASE HJD2453955.5256; SEQ 21,22,23,24,25 WITHIN 5.02 Orbits					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.						
Category=STAR						
Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse5 Orbit1 (21) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Direct Image	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	F132N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2; PHASE 0.41423426 28422596 TO 0.4204 9453562749617	Sequence 1-3 Non-Int in Eclipse5_Orbit1 (21)	0.833445 Secs (0.833 Secs) [==>]	[1]
	2	No Scan	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2	Sequence 1-3 Non-Int in Eclipse5_Orbit1 (21)	0.833445 Secs (0.833 Secs) [==>]	[1]
	3	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPARS5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees, Round trip	Sequence 1-3 Non-Int in Eclipse5_Orbit1 (21)	14.37424 Secs X 18 (517.473 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)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)]	[1]



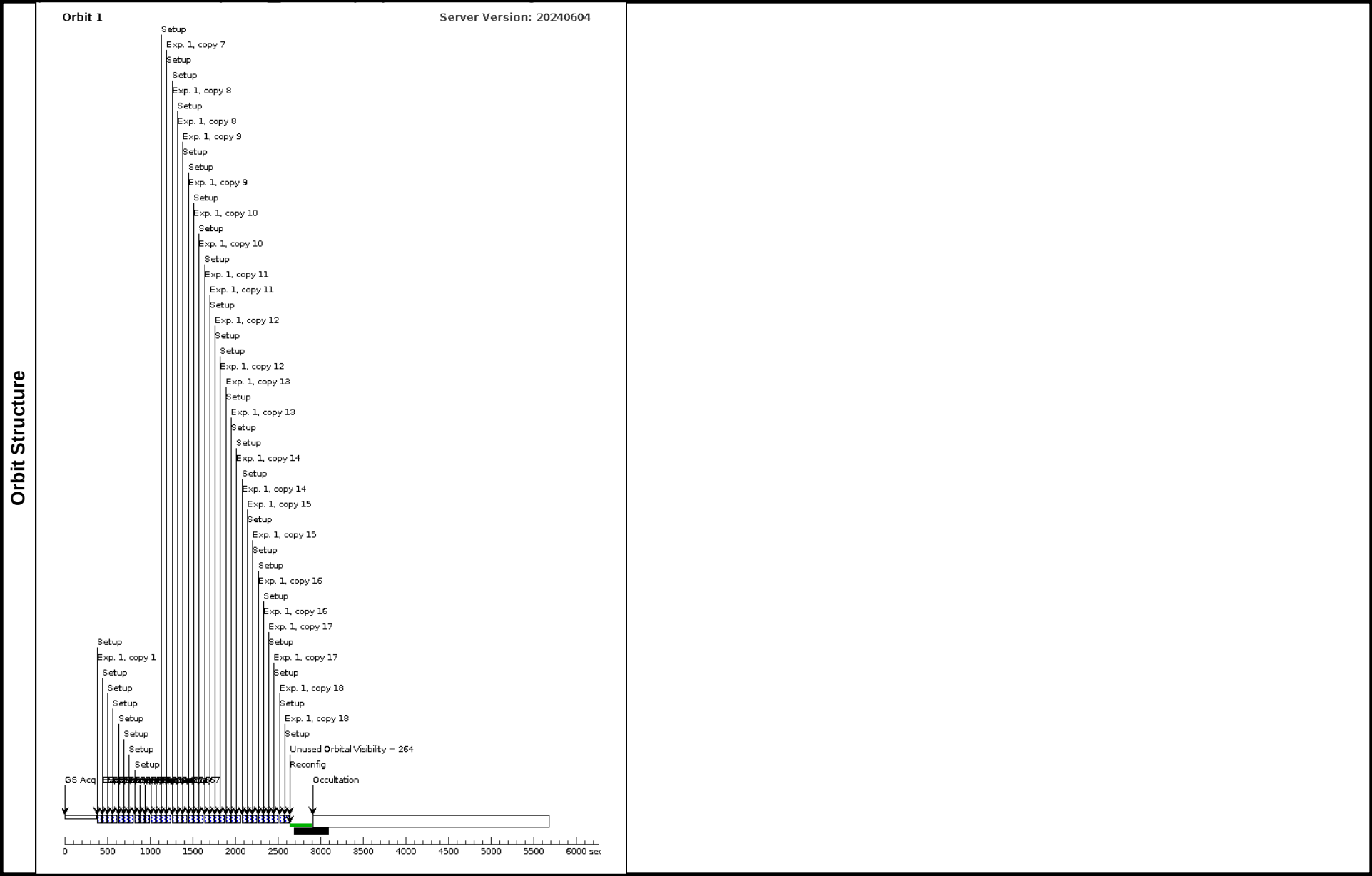
Proposal 16180 - Eclipse5 Orbit2 (22) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse5_Orbit2 (22), implementation					Tue Jun 18 14:02:12 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 21					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse5 Orbit2 (22) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-Int in Eclipse5_Orbit2 (22)	14.37424 Secs X 18 (517.473 Secs)	[1]
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Proposal 16180 - Eclipse5 Orbit2 (22) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

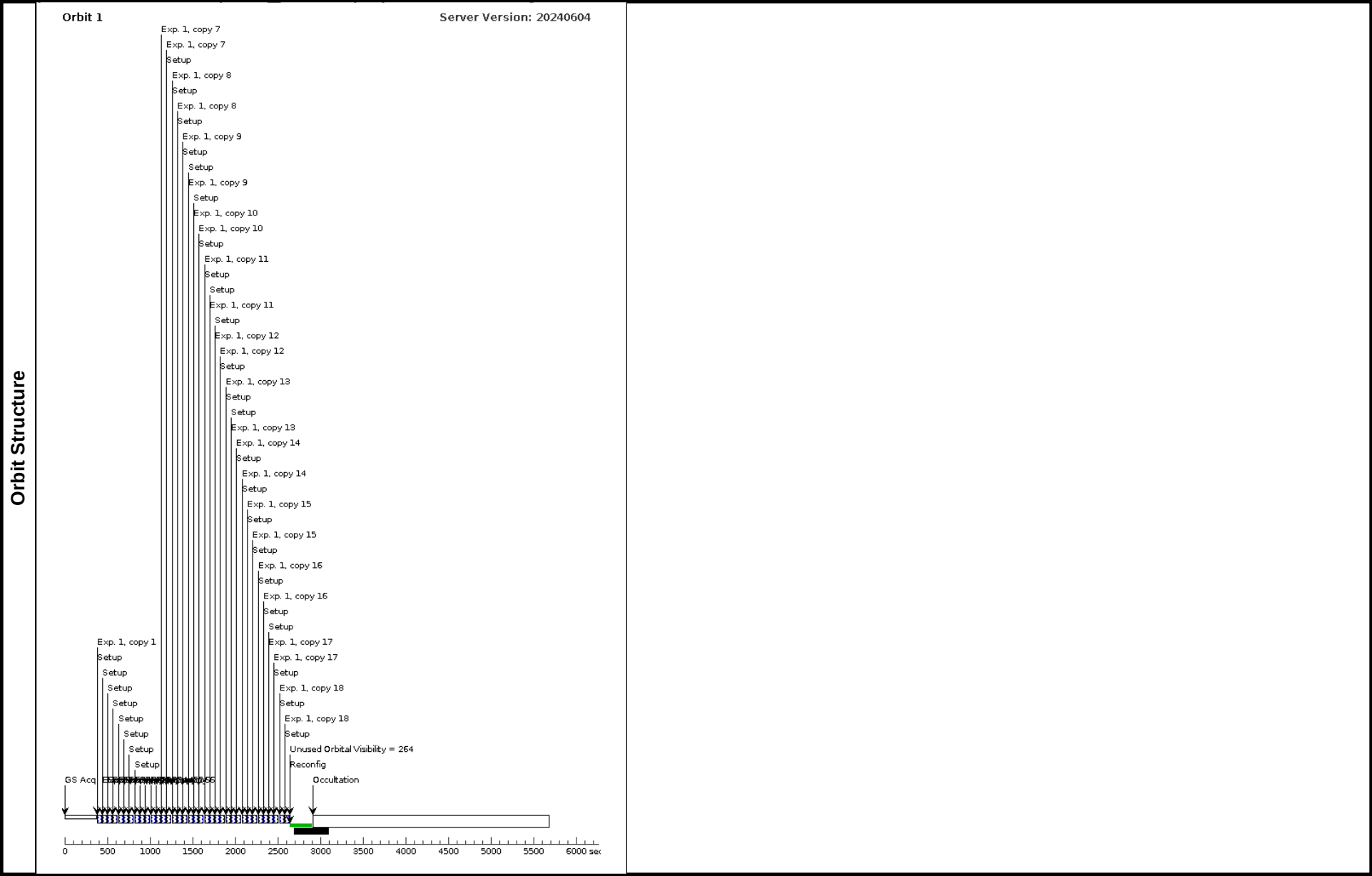


Proposal 16180 - Eclipse5 Orbit3 (23) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse5_Orbit3 (23), implementation					Tue Jun 18 14:02:12 GMT 2024
	Diagnostic Status: No Diagnostics					
	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 21					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse5 Orbit3 (23) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-Int in Eclipse5_Orbit3 (23)	14.37424 Secs X 18 (517.473 Secs)	
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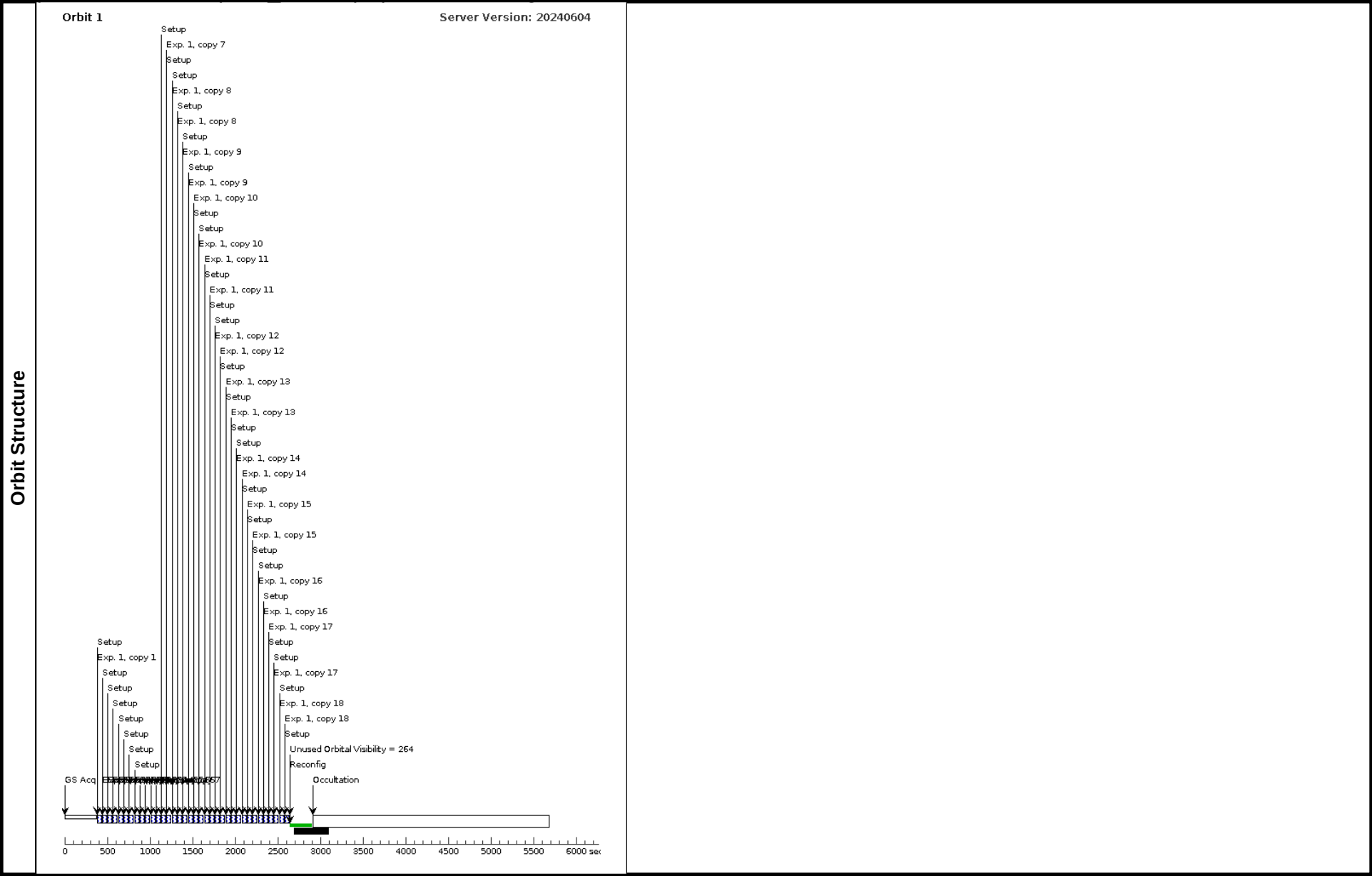


Proposal 16180 - Eclipse5 Orbit4 (24) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse5_Orbit4 (24), implementation					Tue Jun 18 14:02:12 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 21					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d)	Proper Motion RA: -2.380559461785614E-4	V=7.7	Reference Frame: SIMBAD
			Dec: +22 42 35.19 (22.70978d)	sec of time/yr		
Fixed Targets			Equinox: J2000	Proper Motion Dec: -0.25022499999067804		
				arcsec/yr		
				Epoch of Position: 2015.5		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse5 Orbit4 (24) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-In t in Eclipse5_Orbit4 (24)	14.37424 Secs X 18 (517.473 Secs)	
	[==>(Copy 1, Forward)]									[1]
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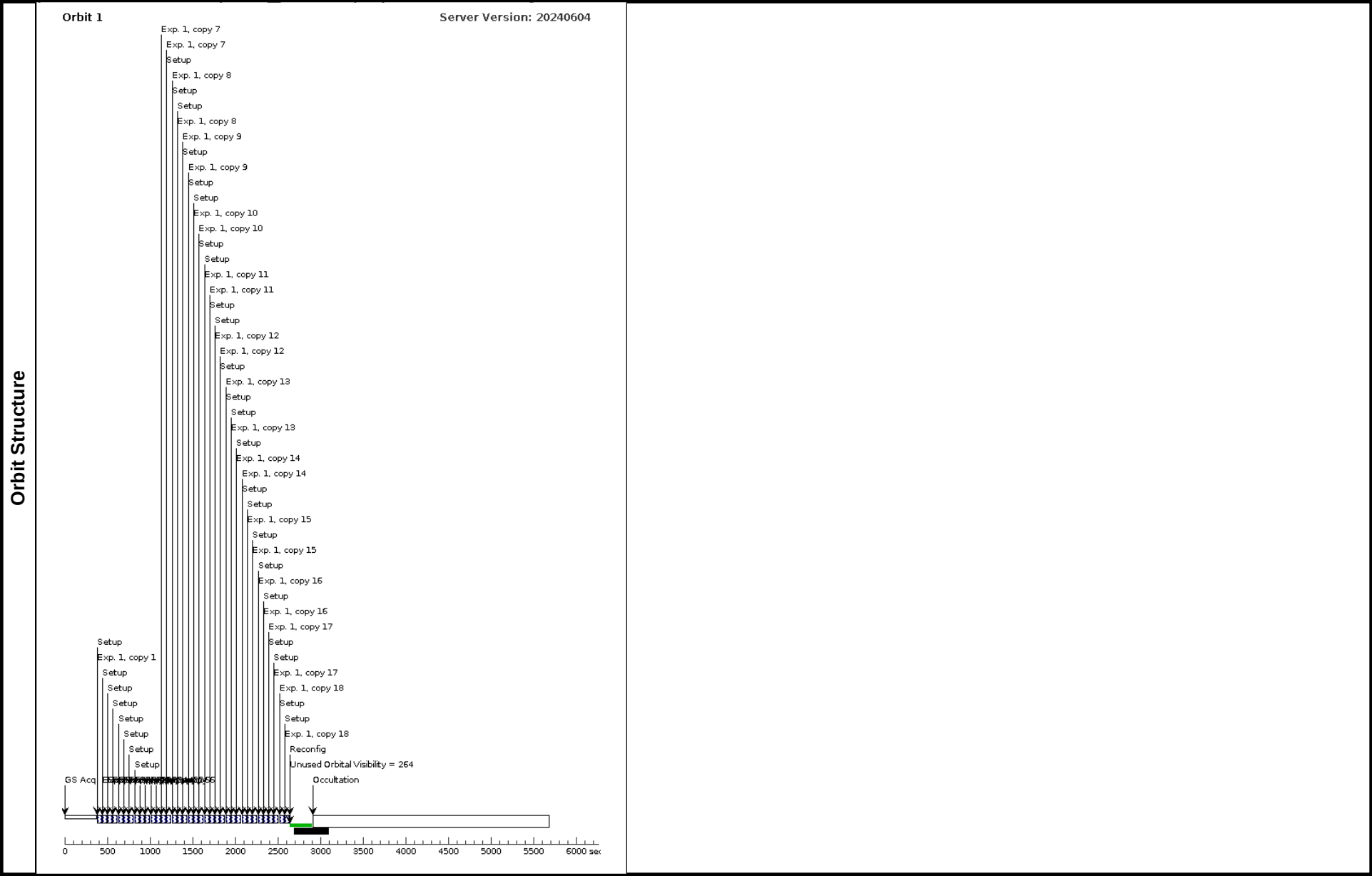


Proposal 16180 - Eclipse5 Orbit5 (25) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse5_Orbit5 (25), implementation Tue Jun 18 14:02:12 GMT 2024				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 21				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7 Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse5 Orbit5 (25) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-Int in Eclipse5_Orbit5 (25)	14.37424 Secs X 18 (517.473 Secs)	[1]
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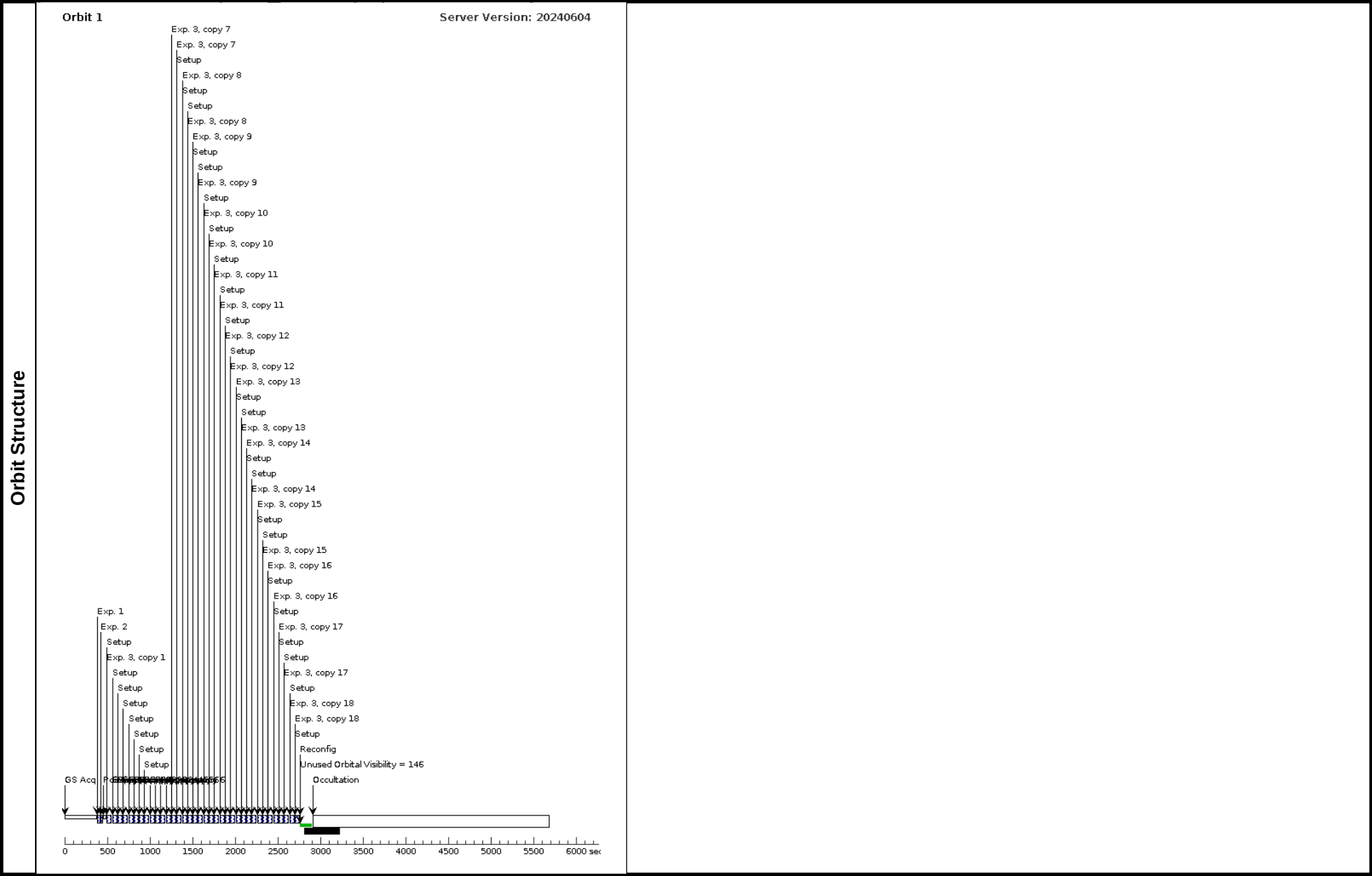


Proposal 16180 - Eclipse6 Orbit1 (26) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse6_Orbit1 (26), implementation					Tue Jun 18 14:02:12 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; ORIENT 0D TO 40 D; ORIENT 180D TO 220 D; Period 2.21857567 D AND ZERO-PHASE HJD2453955.5256; SEQ 26,27,28,29,30 WITHIN 5.02 Orbits					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.						
Category=STAR						
Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse6 Orbit1 (26) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Direct Image	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	F132N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2; PHASE 0.41423426 28422596 TO 0.4204 9453562749617	Sequence 1-3 Non-Int in Eclipse6_Orbit1 (26)	0.833445 Secs (0.833 Secs) [==>]	[1]
	2	No Scan	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=RAPID	POS TARG 20,-2	Sequence 1-3 Non-Int in Eclipse6_Orbit1 (26)	0.833445 Secs (0.833 Secs) [==>]	[1]
	3	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPARS5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees, Round trip	Sequence 1-3 Non-Int in Eclipse6_Orbit1 (26)	14.37424 Secs X 18 (517.473 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)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)]	[1]

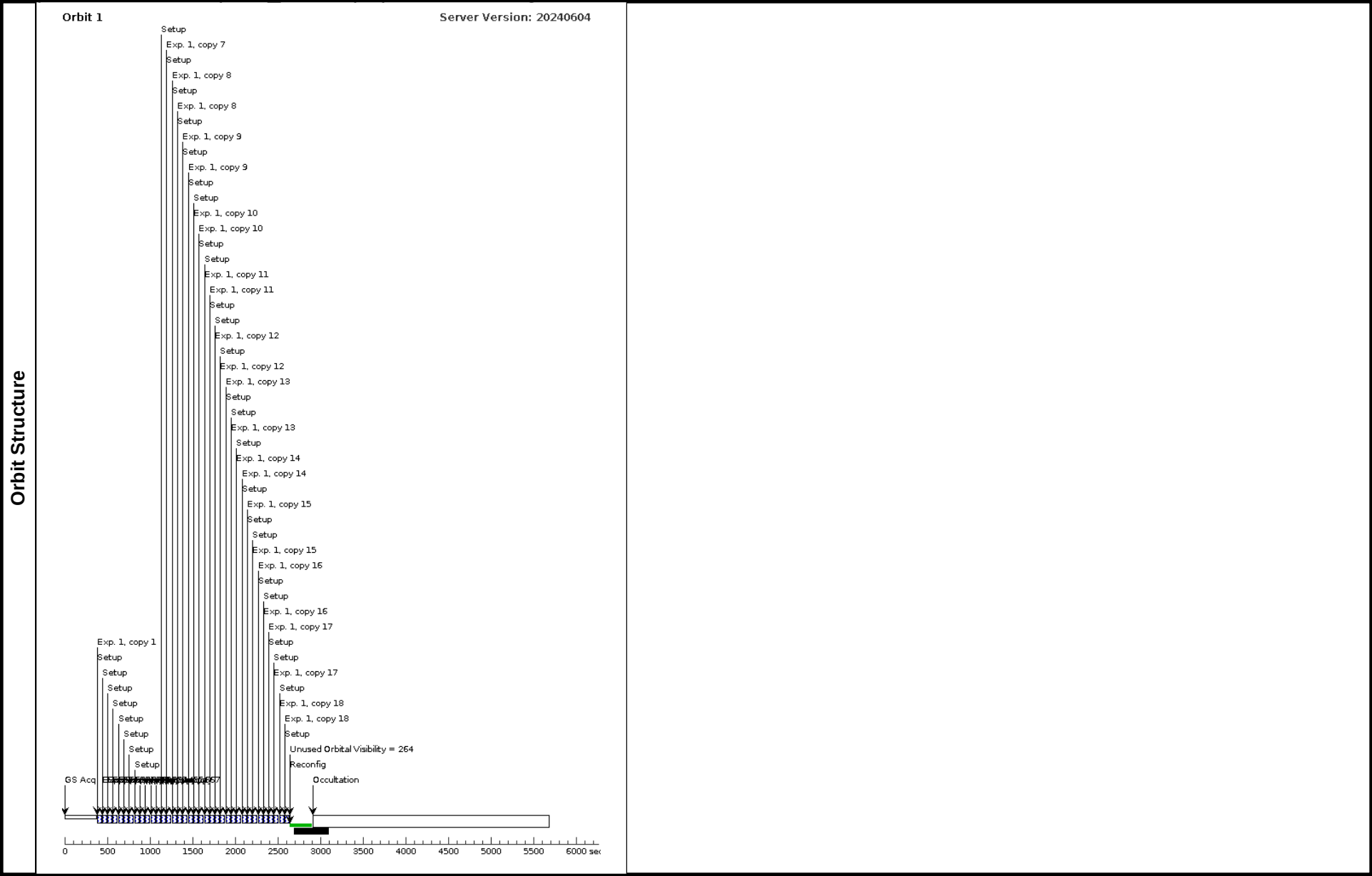


Proposal 16180 - Eclipse6 Orbit2 (27) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse6_Orbit2 (27), implementation					Tue Jun 18 14:02:12 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 26					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse6 Orbit2 (27) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-In t in Eclipse6_Orbit2 (27)	14.37424 Secs X 18 (517.473 Secs)	
									[==>(Copy 1, Forward)]	[1]
									[==>(Copy 1, Reverse)]	
									[==>(Copy 2, Forward)]	
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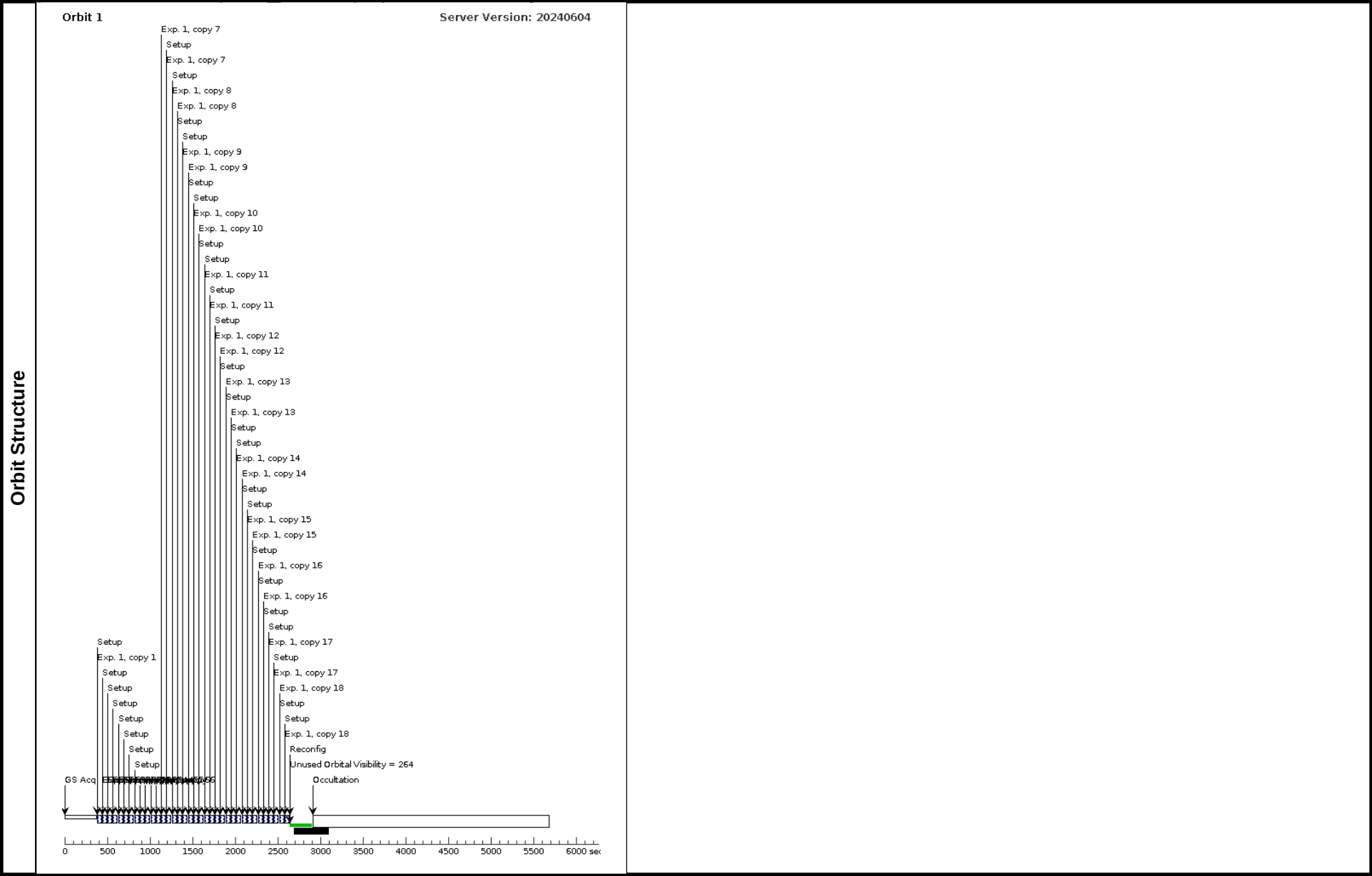


Proposal 16180 - Eclipse6 Orbit3 (28) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse6_Orbit3 (28), implementation					Tue Jun 18 14:02:12 GMT 2024
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 26					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse6 Orbit3 (28) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-In t in Eclipse6_Orbit3 (28)	14.37424 Secs X 18 (517.473 Secs)	
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									[==>(Copy 1, Reverse)]	
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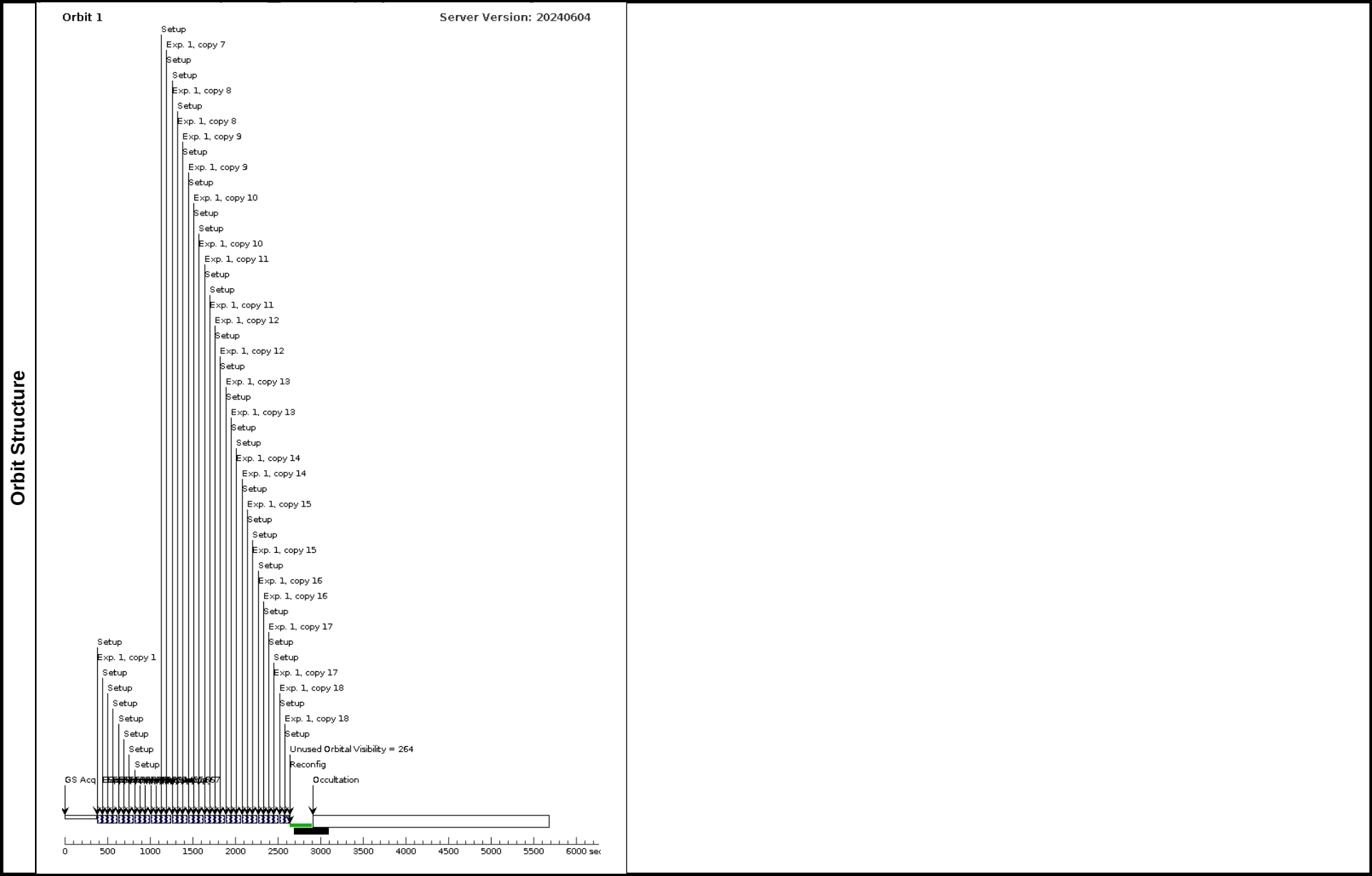


Proposal 16180 - Eclipse6 Orbit4 (29) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse6_Orbit4 (29), implementation					Tue Jun 18 14:02:12 GMT 2024
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS 26					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANET]						

Proposal 16180 - Eclipse6 Orbit4 (29) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees, Round trip	Sequence 1-1 Non-Int in Eclipse6_Orbit4 (29)	14.37424 Secs X 18 (517.473 Secs)	[1]
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Proposal 16180 - Eclipse6 Orbit5 (30) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Visit	Proposal 16180, Eclipse6_Orbit5 (30), implementation					Tue Jun 18 14:02:12 GMT 2024
	Diagnostic Status: No Diagnostics					
Fixed Targets	Scientific Instruments: WFC3/IR					
	Special Requirements: SCHED 100%; SAME ORIENT AS 26					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-189733B	RA: 20 00 43.7093 (300.1821221d) Dec: +22 42 35.19 (22.70978d) Equinox: J2000	Proper Motion RA: -2.380559461785614E-4 sec of time/yr Proper Motion Dec: -0.25022499999067804 arcsec/yr Epoch of Position: 2015.5	V=7.7	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANET]					

Proposal 16180 - Eclipse6 Orbit5 (30) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Scans	(1) HD-189733B	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=7; SAMP-SEQ=SPAR S5	POS TARG 5,-20; SPATIAL SCAN 1.7 ,90.0 Degrees,Round trip	Sequence 1-1 Non-Int in Eclipse6_Orbit5 (30)	14.37424 Secs X 18 (517.473 Secs)	
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Proposal 16180 - Eclipse6 Orbit5 (30) - Constructing the First Spectroscopic, Multi-Dimensional Map of a Hot Jupiter

