



12473 - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary

Atmospheres

Cycle: 19, Proposal Category: GO

(Large Program)

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

Proposal 12473 (STScI Edit Number: 13, Created: Wednesday, January 16, 2013 9:28:23 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) WASP-12 WAVE	STIS/CCD	5	16-Jan-2013 21:10:34.0	yes
02	(1) WASP-12 WAVE	STIS/CCD	5	16-Jan-2013 21:11:11.0	yes
03	(2) WASP-19 WAVE	STIS/CCD	4	16-Jan-2013 21:11:44.0	yes
04	(2) WASP-19 WAVE	STIS/CCD	4	16-Jan-2013 21:12:10.0	yes
05	(3) WASP-17 WAVE	STIS/CCD	5	16-Jan-2013 21:12:39.0	yes
06	(3) WASP-17 WAVE	STIS/CCD	5	16-Jan-2013 21:13:10.0	yes
07	(4) HAT-P-1 WAVE	STIS/CCD	5	16-Jan-2013 21:13:43.0	yes
08	(4) HAT-P-1 WAVE	STIS/CCD	5	16-Jan-2013 21:14:11.0	yes
09	(5) WASP-6 WAVE	STIS/CCD	5	16-Jan-2013 21:14:39.0	yes
10	(5) WASP-6 WAVE	STIS/CCD	5	16-Jan-2013 21:15:10.0	yes
11	(6) HAT-P-12 WAVE	STIS/CCD	4	16-Jan-2013 21:15:35.0	yes
12	(6) HAT-P-12 WAVE	STIS/CCD	4	16-Jan-2013 21:15:57.0	yes
13	(7) WASP-39 WAVE	STIS/CCD	5	16-Jan-2013 21:16:27.0	yes
14	(7) WASP-39 WAVE	STIS/CCD	5	16-Jan-2013 21:16:55.0	yes
15	(8) WASP-31 WAVE	STIS/CCD	5	16-Jan-2013 21:17:22.0	yes
16	(8) WASP-31 WAVE	STIS/CCD	5	16-Jan-2013 21:17:50.0	yes

Proposal 12473 (STScI Edit Number: 13, Created: Wednesday, January 16, 2013 9:28:23 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
17	(1) WASP-12 CCDFLAT NONE WAVE	STIS/CCD	5	16-Jan-2013 21:18:24.0	yes
18	(2) WASP-19 CCDFLAT NONE WAVE	STIS/CCD	4	16-Jan-2013 21:18:53.0	yes
19	(3) WASP-17 CCDFLAT NONE WAVE	STIS/CCD	5	16-Jan-2013 21:19:29.0	yes
20	(4) HAT-P-1 CCDFLAT NONE WAVE	STIS/CCD	5	16-Jan-2013 21:20:02.0	yes
21	(5) WASP-6 CCDFLAT NONE WAVE	STIS/CCD	5	16-Jan-2013 21:20:33.0	yes
22	(6) HAT-P-12 CCDFLAT NONE WAVE	STIS/CCD	4	16-Jan-2013 21:21:05.0	yes
23	(7) WASP-39 CCDFLAT NONE WAVE	STIS/CCD	5	16-Jan-2013 21:21:35.0	yes
24	(8) WASP-31 CCDFLAT NONE WAVE	STIS/CCD	5	16-Jan-2013 21:22:07.0	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>
25	(8) WASP-31	WFC3/IR	5	16-Jan-2013 21:24:13.0	yes
26	(9) HAT-1C	WFC3/IR	5	16-Jan-2013 21:27:42.0	yes

124 Total Orbits Used

ABSTRACT

Using transits to obtain optical transmission spectra is a powerful technique to enable detailed studies of exoplanet atmospheres. Importantly, they are sensitive to the atmospheric composition at high altitudes where the bulk of the intense stellar flux is being deposited. Several outstanding issues in the field of exoplanets are related to the energy balance and heating sources in hot Jupiters, and can be directly addressed with optical transmission spectra. Thermal inversion layers have been detected on many hot-Jupiter atmospheres and require one or more strong optical absorbers at high altitude. These absorbers capture the incoming intense stellar radiation, heating the surrounding gas to produce a thermal inversion layer. The composition, variety, and universality of these strong absorbers remains uncertain and the topic of much debate within the community. While IR secondary eclipse information can help determine which planets have inversions, the absorbers themselves can only be directly detected through optical transmission spectra. Here we propose to use the unique capabilities of the refurbished HST STIS instrument to perform the first large-scale optical transmission spectral survey of hot-Jupiter exoplanets, with the overall aim of comparing their atmospheric properties, detecting strong absorbers, and probing the diversities between possible sub-classes. The eight targets sampled in this survey cover a very large range of planetary T_{eff} , surface gravity, mass and radii, which will for the first time explore the full diversity of hot-Jupiter atmospheres as well as identify important physical processes common to the entire class.

OBSERVING DESCRIPTION

This program uses the STIS and WFC3 instruments to perform precision photometry during transit events. With the STIS instrument, we will observe each target during three transits, with each visit containing four or five orbits. Two visits will be done at blue wavelengths with the G430L grating, and one visit will be done the G750L grating. 12-15 orbits per target ensures high STIS S/N transmission spectra are obtained at both gratings, provide good phase coverage during transit, and allow for sufficient time (2 orbits) before and after transit to establish the baseline stellar flux necessary to accurately measure the transit depth. For all eight targets, this will result in a total of 124 orbits. The first orbit of each visit will likely not be used for primary analysis in the transit light curve, as the telescope thermally relaxes into its new pointing position during that time. This is a well known phenomenon, and all other similar transiting HST programs have adopted this strategy.

Proposal 12473 (STScI Edit Number: 13, Created: Wednesday, January 16, 2013 9:28:23 PM EST) - Overview

We will use the STIS G430L and G750L gratings to cover the wavelength ranges between 2900-10200 Å and use the 52"x2" slit to minimize slit losses. We will adopt an exposure times close to 270 seconds, with a sub-array size of 128, which is chosen to provide a sufficient time sampling of the HST orbital-phase trend such that it can be modeled and removed successfully. There will not be any gaps for buffer dumps. For each orbit, we will take 10+ exposures of 270 seconds each, with 20 second overheads. We have set Wavecal=No for all stis observations (as in previous similar programs such as GO 11740) such that the duty cycle and photometric precision is maximized. The zeropoint of the wavelength calibration will be determined from the stellar spectrum itself. For each exposure, S/N levels per resolution element between 500 and 150 Å at 4000 Å are reached for our targets with the G430L (V=10.4 to 12.8) and between 667 and 250 Å at 7500 Å for the G750L. During a visit, two orbits are used to determine the baseline flux, while the other two occur during transit.

The visits using WFC3/G141 will use the same observational strategy of GO-12181, which uses sub-arrays to reduce the observational overheads. We will also use the new line scan mode which will lengthen the spectrum along the slit during an exposure. This avoids saturation and permits relatively long exposures (50-100 seconds), greatly increasing the efficiency. Hat-1 is a visual binary, and we will observe both stars simultaneously, with a roll angle requirement to avoid overlapping spectra.

ADDITIONAL COMMENTS

Set Wavecal=No for all STIS observations (as in previous similar programs such as GO 11740) such that the duty cycle and photometric precision is maximized.

Proposal 12473 - Wasp-12 G430L (01) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Visit	Proposal 12473, Wasp-12 G430L (01), completed Thu Jan 17 02:28:24 GMT 2013 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: Period 1.0914222 D AND ZERO-PHASE HJD2454508.97605 <i>Comments: Wasp12. G430L. First of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i>					
	(Wasp-12 G430L (01)) Warning (Form): The proposal is part of a large program (100 orbits or more in one cycle) and so should use Schedulability 100. (Wasp-12 G430L (01)) Warning (Orbit Planner): VISIBILITY OVERRUN					
Diagnosics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	WASP-12	RA: 06 30 32.7940 (97.6366417d) Dec: +29 40 20.29 (29.67230d) Equinox: J2000	Proper Motion RA: -0.7 mas/yr Proper Motion Dec: -7.8 mas/yr Epoch of Position: 2000.0	V=11.5	Reference Frame: ICRS

Proposal 12473 - Wasp-12 G430L (01) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

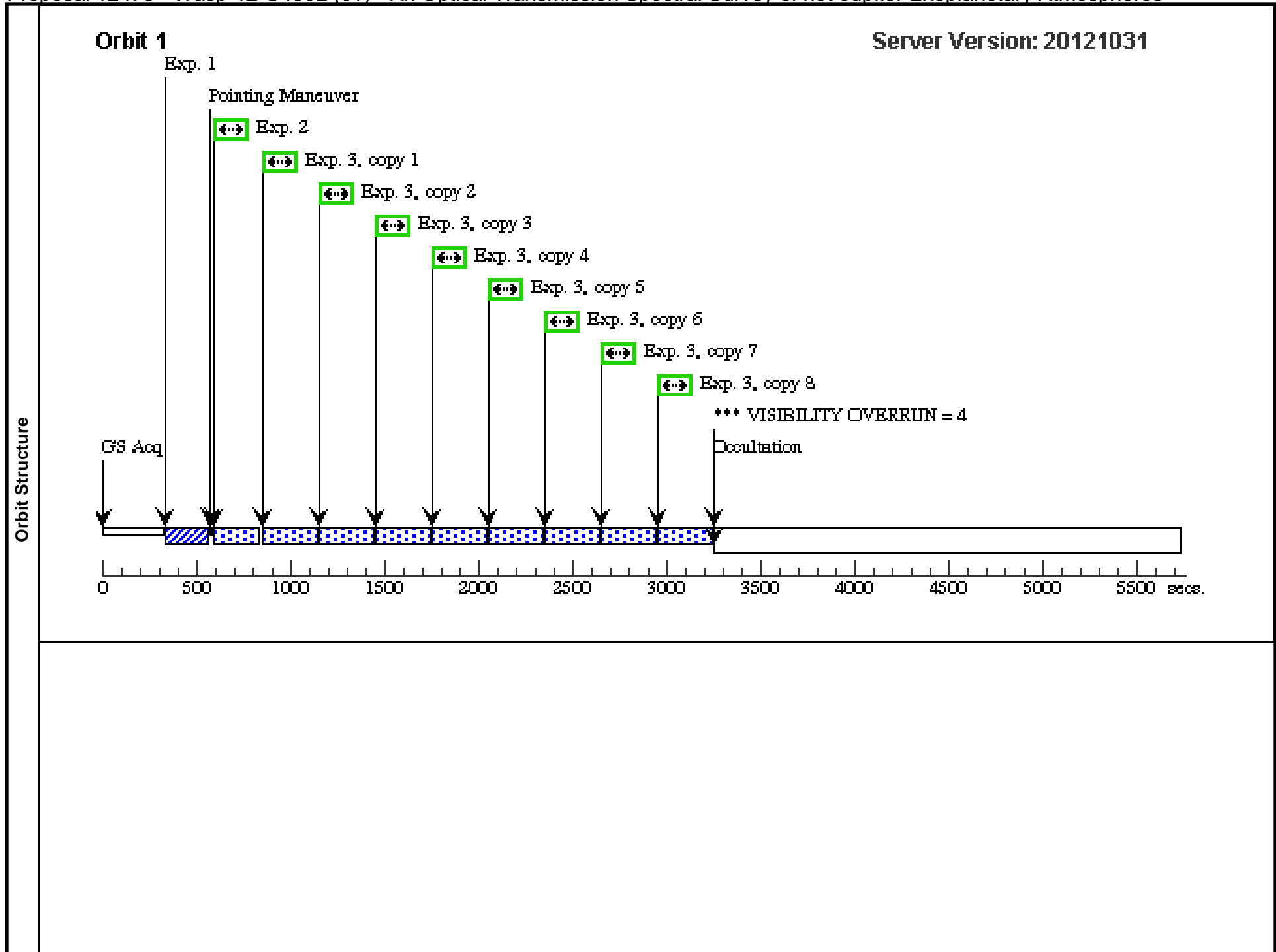
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(1) WASP-12	STIS/CCD, ACQ, F28X50LP	MIRROR			.7 Secs		
						PHASE 0.8264 TO 0.8370		[==>]	[1]	
	2	Wasp12 G4 30L Orbit 1	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		128 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp12 G4 30L Orbit 1	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		279 Secs X 8		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]		
4	Wasp12 G4 30L Orbit 2	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Wasp12 G4 30L Orbit 2	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		279 Secs X 10			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]		
6	Wasp12 G4 30L Orbit 3	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Wasp-12 G430L (01) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp12 G4 30L Orbit 3	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]	
8	Wasp12 G4 30L Orbit 4	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]	
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	Wasp12 G4 30L Orbit 4	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]	
10	Wasp12 G4 30L Orbit 5	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]	
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	Wasp12 G4 30L Orbit 5	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]	

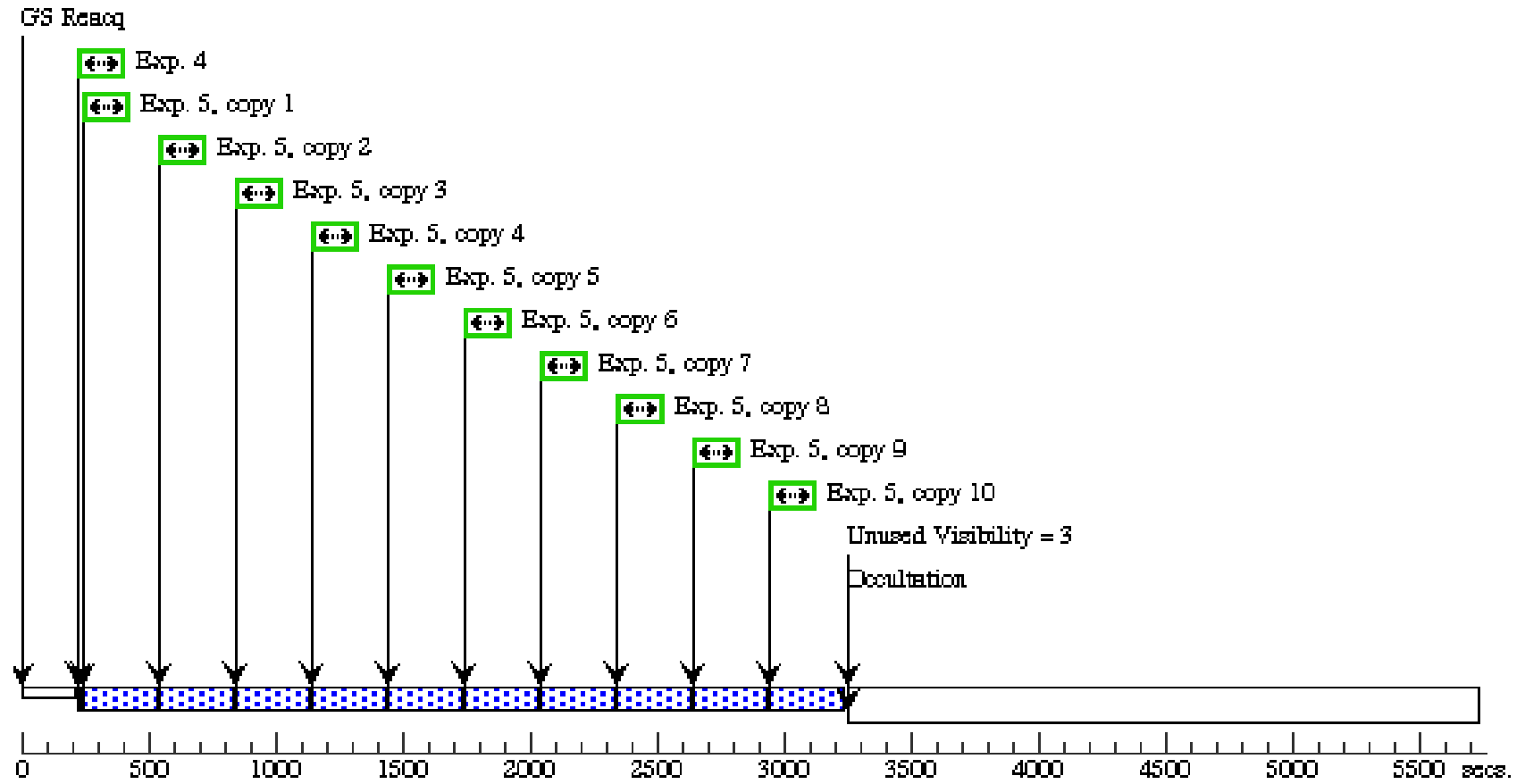
Proposal 12473 - Wasp-12 G430L (01) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>						



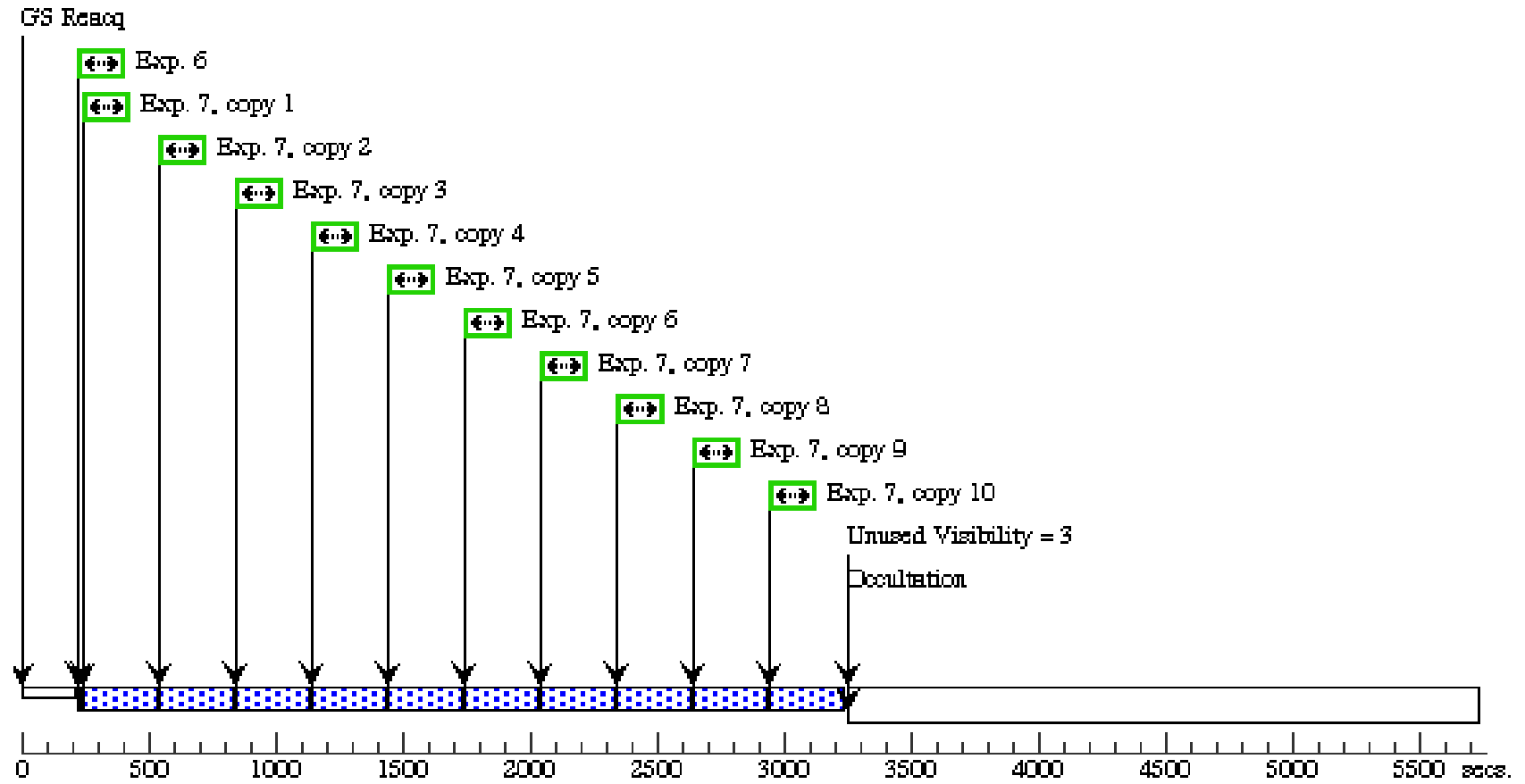
Orbit 2

Server Version: 20121031



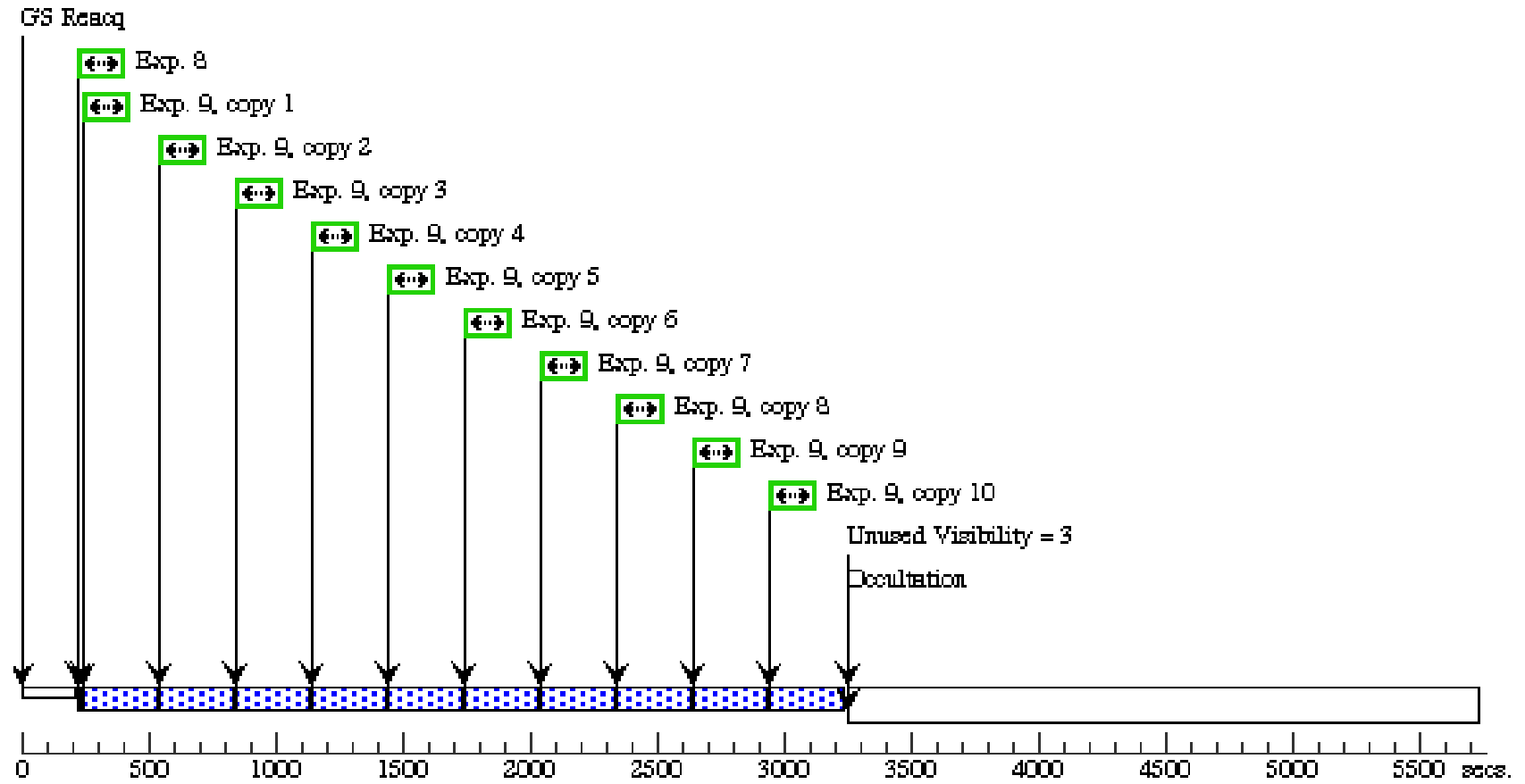
Orbit 3

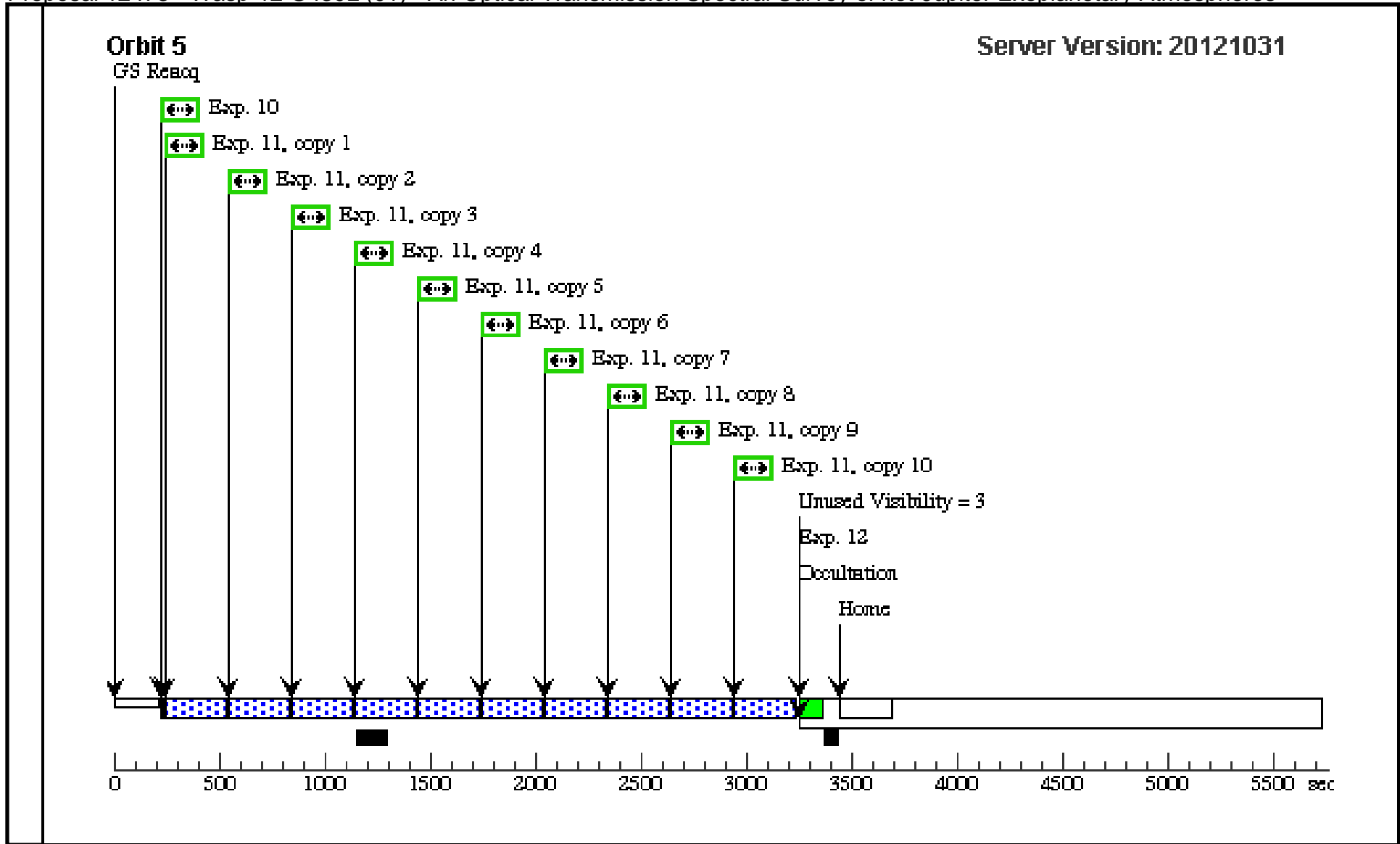
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-12 G430L x2 (02) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Visit	<p>Proposal 12473, Wasp-12 G430L x2 (02), completed Thu Jan 17 02:28:31 GMT 2013</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: Period 1.0914222 D AND ZERO-PHASE HJD2454508.97605</p> <p><i>Comments: Wasp12. G430L. Second of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>					
	<p>(Wasp-12 G430L x2 (02)) Warning (Form): The proposal is part of a large program (100 orbits or more in one cycle) and so should use Schedulability 100.</p> <p>(Wasp-12 G430L x2 (02)) Warning (Orbit Planner): VISIBILITY OVERRUN</p>					
Diagnosics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	WASP-12	RA: 06 30 32.7940 (97.6366417d) Dec: +29 40 20.29 (29.67230d) Equinox: J2000	Proper Motion RA: -0.7 mas/yr Proper Motion Dec: -7.8 mas/yr Epoch of Position: 2000.0	V=11.5	Reference Frame: ICRS

Proposal 12473 - Wasp-12 G430L x2 (02) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

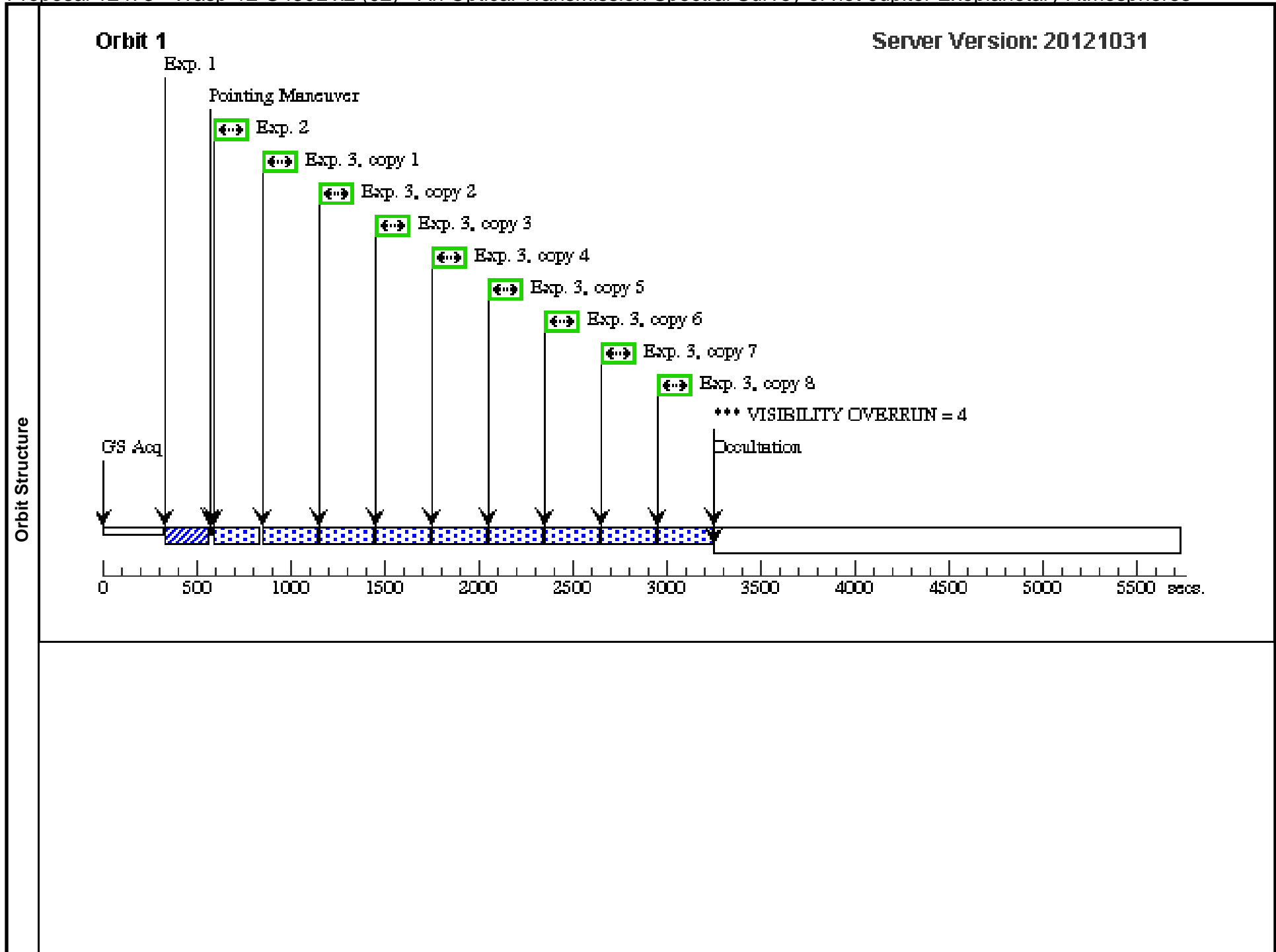
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(1) WASP-12	STIS/CCD, ACQ, F28X50LP	MIRROR			.7 Secs		
						PHASE 0.8264 TO 0.8370		[==>]	[1]	
	2	Wasp12 G4 30L Orbit 1	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		128 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp12 G4 30L Orbit 1	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		279 Secs X 8		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]		
4	Wasp12 G4 30L Orbit 2	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Wasp12 G4 30L Orbit 2	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		279 Secs X 10			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]		
6	Wasp12 G4 30L Orbit 3	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Wasp-12 G430L x2 (02) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp12 G4 30L Orbit 3	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]	
8	Wasp12 G4 30L Orbit 4	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]	
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	Wasp12 G4 30L Orbit 4	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]	
10	Wasp12 G4 30L Orbit 5	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]	
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	Wasp12 G4 30L Orbit 5	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]	

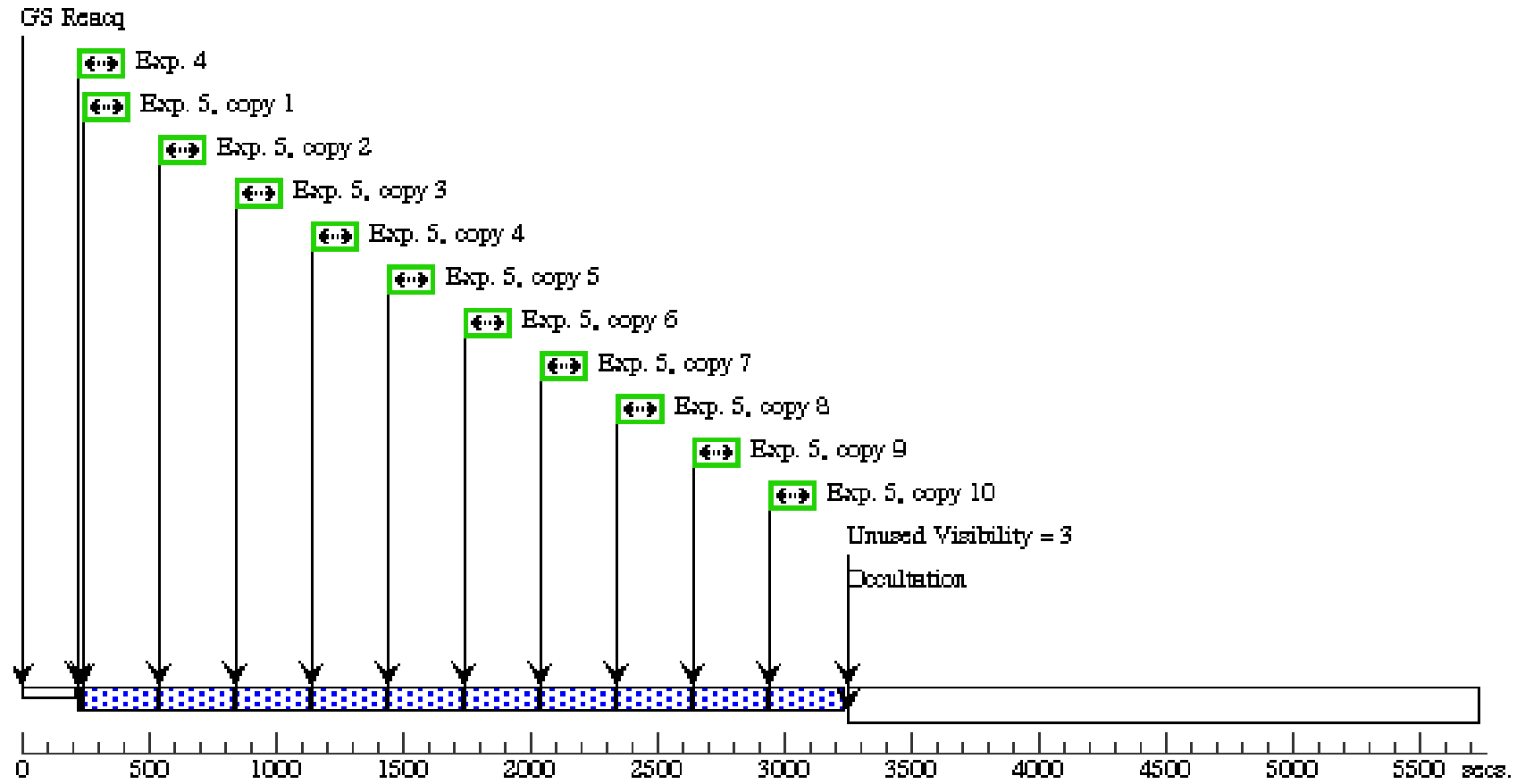
Proposal 12473 - Wasp-12 G430L x2 (02) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>						



Orbit 2

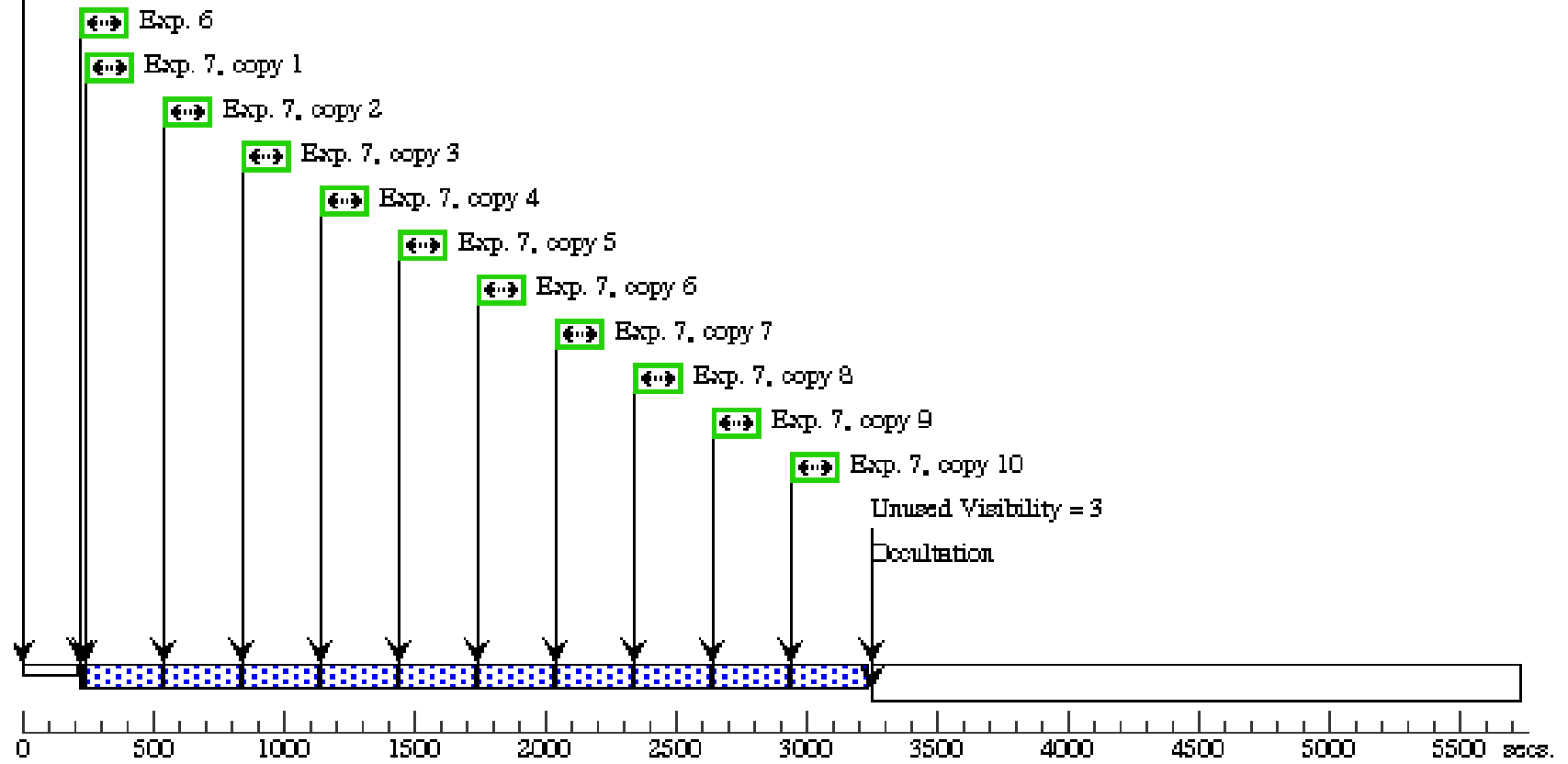
Server Version: 20121031



Orbit 3

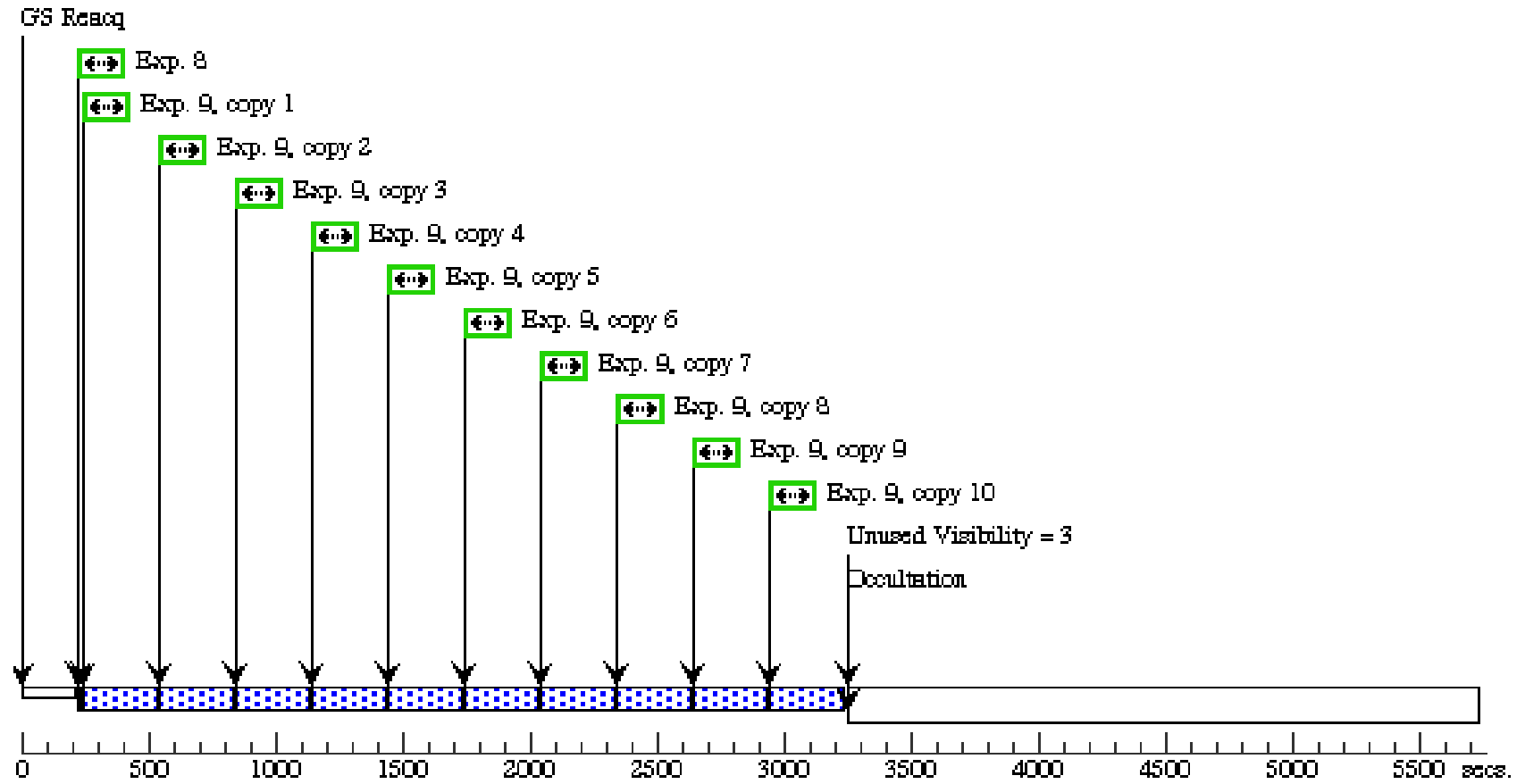
Server Version: 20121031

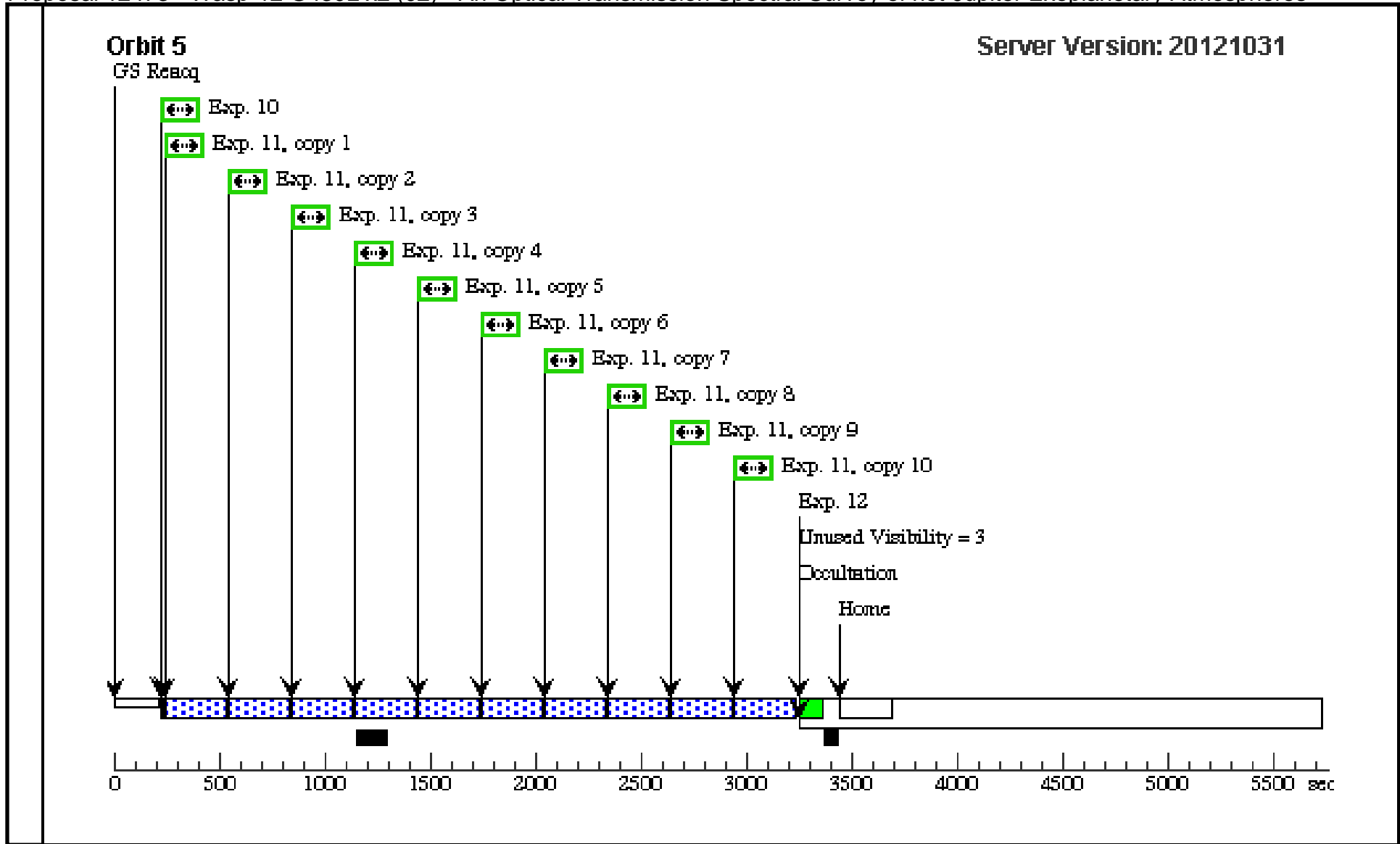
GS Req



Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-19 G430L (03) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Thu Jan 17 02:28:36 GMT 2013

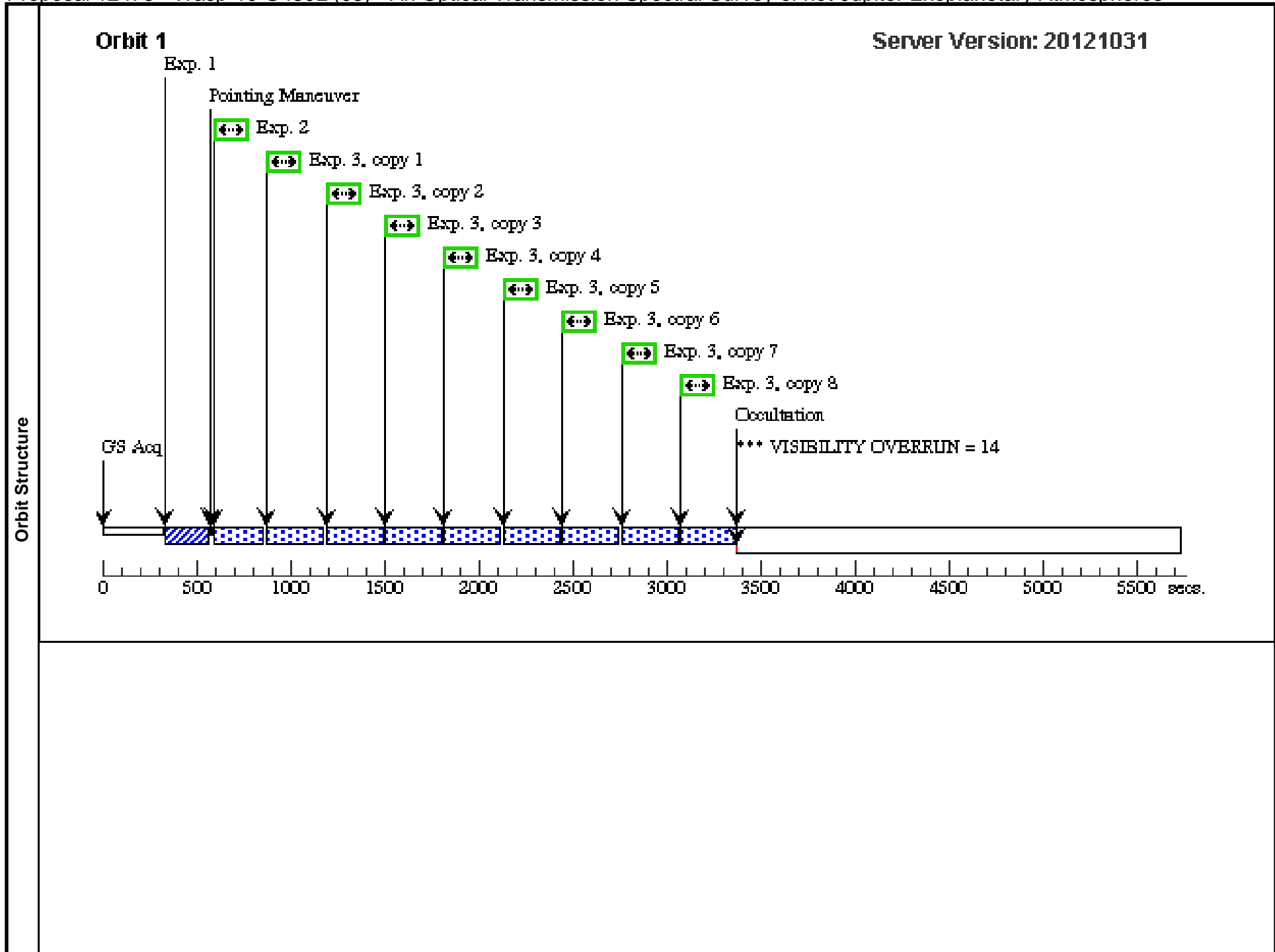
Visit	<p>Proposal 12473, Wasp-19 G430L (03), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: Period 0.7888400 D AND ZERO-PHASE HJD2455168.96801</p> <p><i>Comments: Wasp19. G430L. First of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>					
	<p>(Wasp-19 G430L (03)) Warning (Orbit Planner): VISIBILITY OVERRUN</p> <p>(Wasp-19 G430L (03)) Warning (Orbit Planner): VISIBILITY OVERRUN</p> <p>(Wasp-19 G430L (03)) Warning (Form): The proposal is part of a large program (100 orbits or more in one cycle) and so should use Schedulability 100.</p> <p>(Wasp-19 G430L (03)) Warning (Orbit Planner): VISIBILITY OVERRUN</p> <p>(Wasp-19 G430L (03)) Warning (Orbit Planner): VISIBILITY OVERRUN</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	WASP-19	RA: 09 53 40.0770 (148.4169875d) Dec: -45 39 33.06 (-45.65918d) Equinox: J2000	Proper Motion RA: -41.3 mas/yr Proper Motion Dec: +16.5 mas/yr Epoch of Position: 2000.0	V=12.3	Reference Frame: ICRS

Proposal 12473 - Wasp-19 G430L (03) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(2) WASP-19	STIS/CCD, ACQ, F28X50LP	MIRROR			1.0 Secs		
						PHASE 0.8026 TO 0.8143		[==>]	[1]	
	2	Wasp19 G4 30L Orbit 1	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		148 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp19 G4 30L Orbit 1	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		293 Secs X 8		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]		
4	Wasp19 G4 30L Orbit 2	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Wasp19 G4 30L Orbit 2	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		293 Secs X 10			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]		
6	Wasp19 G4 30L Orbit 3	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

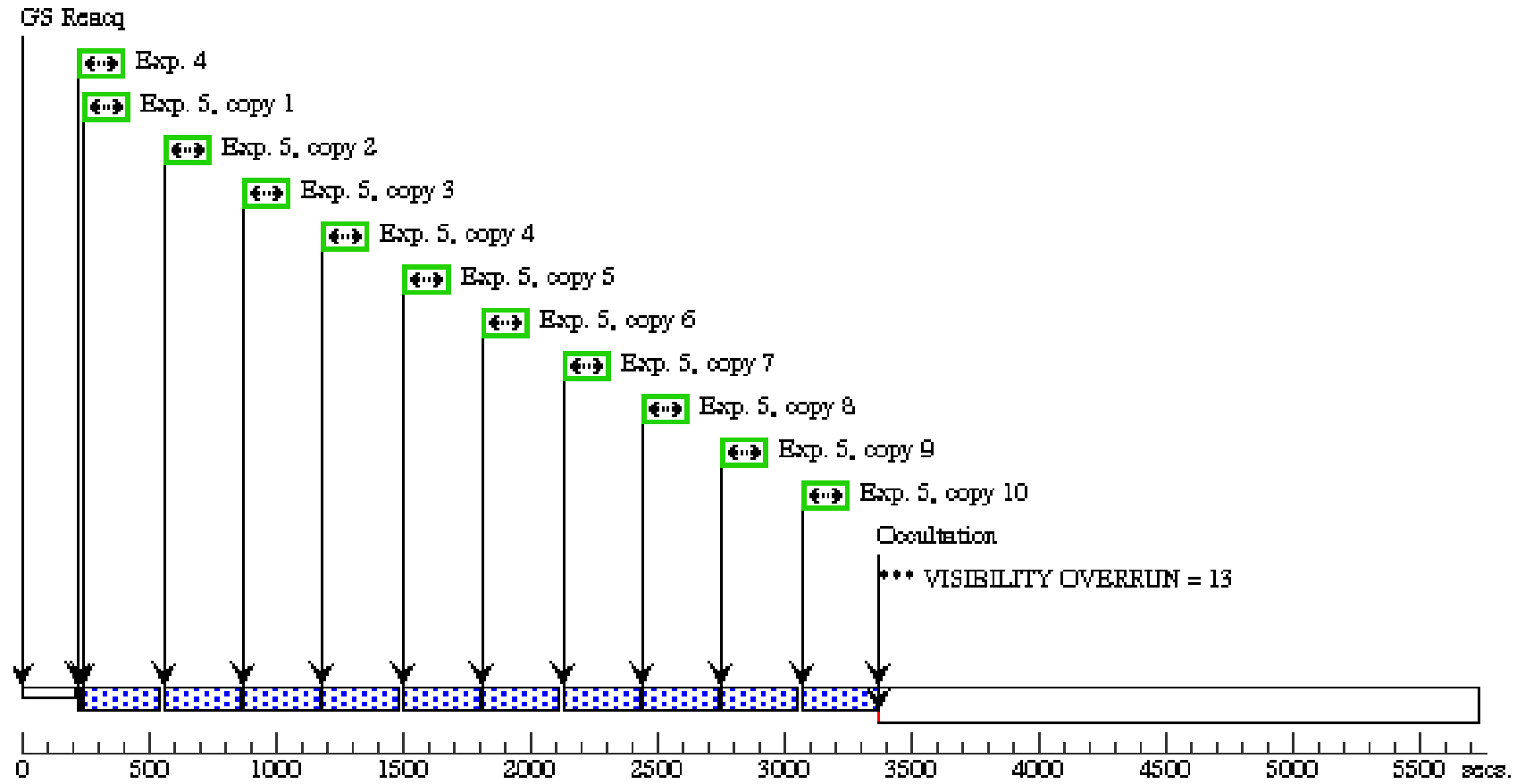
Proposal 12473 - Wasp-19 G430L (03) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp19 G4 30L Orbit 3	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	293 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	Wasp19 G4 30L Orbit 4	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Wasp19 G4 30L Orbit 4	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	293 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							



Orbit 2

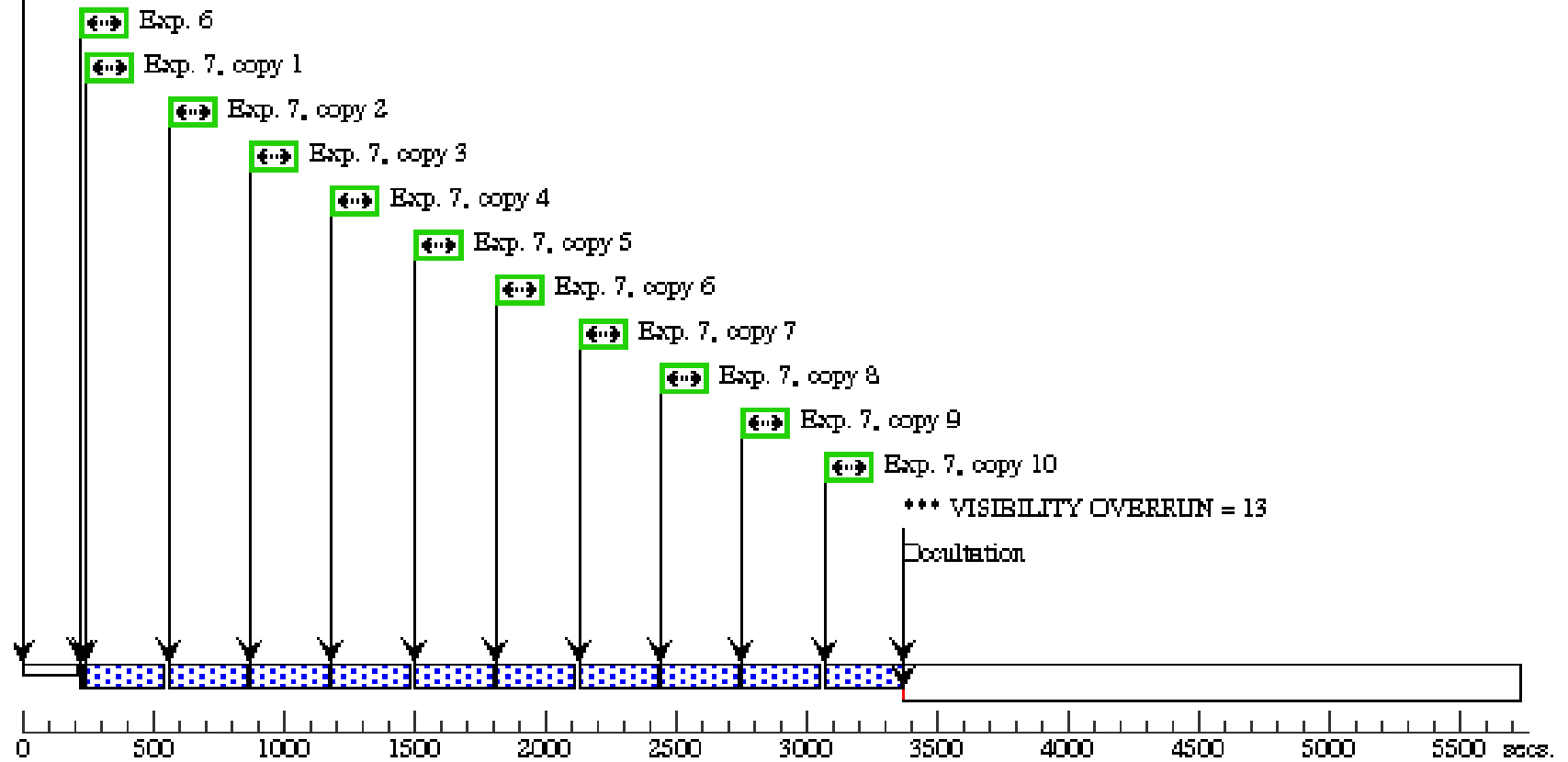
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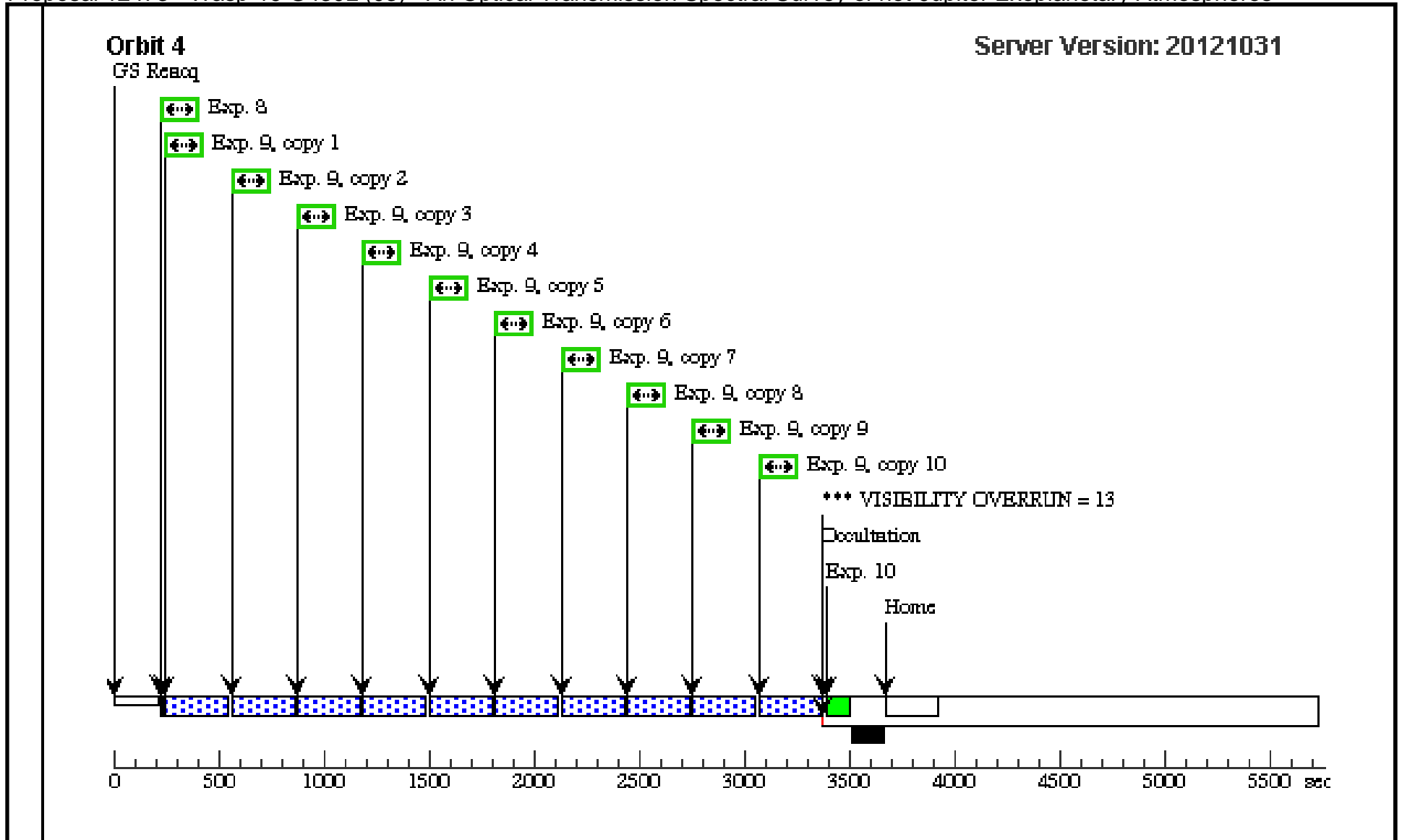


Orbit 3

Server Version: 20121031

GS Req





Proposal 12473 - Wasp-19 G430L x2 (04) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

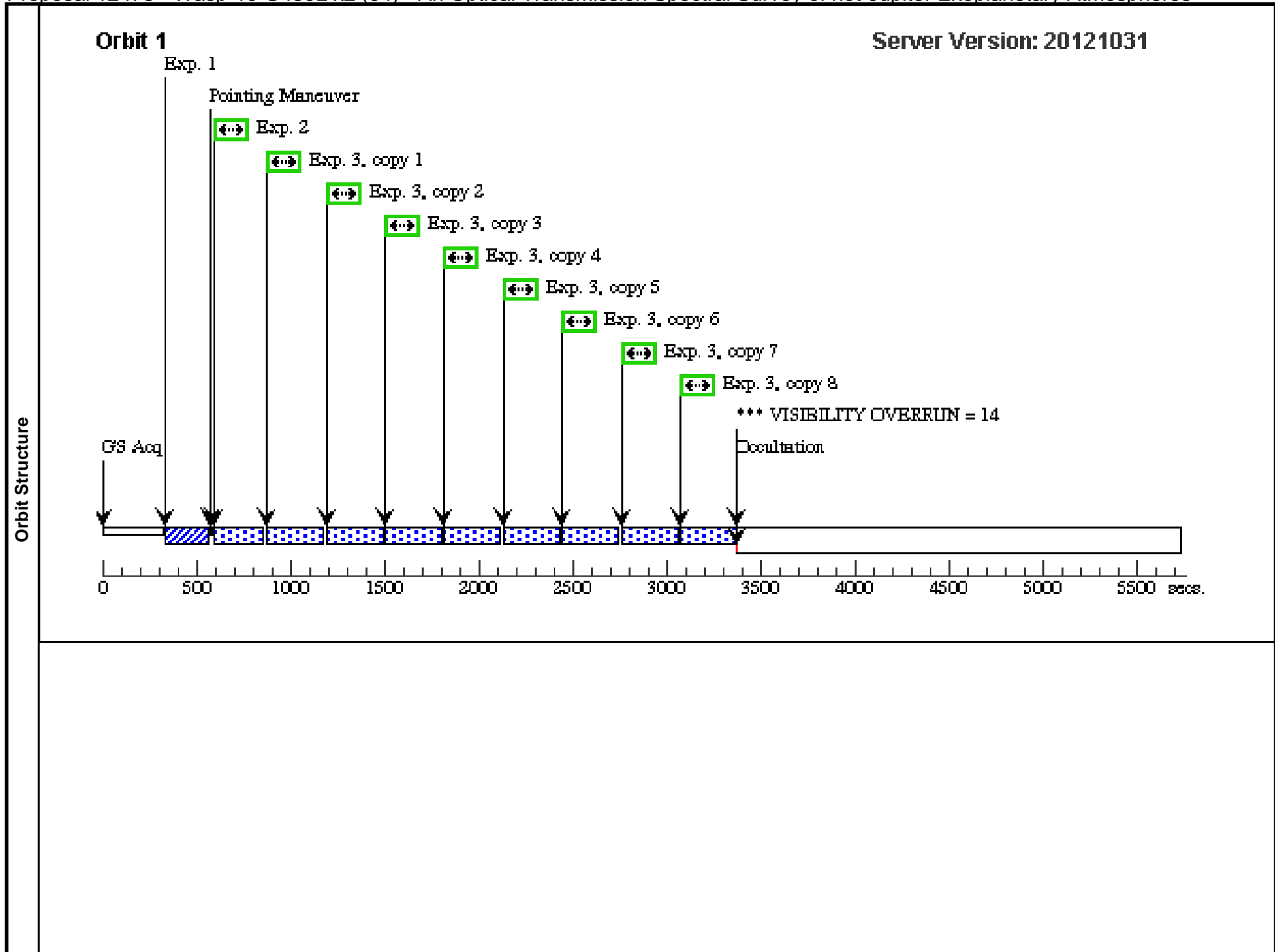
Visit	<p>Proposal 12473, Wasp-19 G430L x2 (04), completed Thu Jan 17 02:28:42 GMT 2013</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: Period 0.7888400 D AND ZERO-PHASE HJD2455168.96801</p> <p><i>Comments: Wasp19. G430L. Second of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>																
	Diagnostics	<p>(Wasp-19 G430L x2 (04)) Warning (Orbit Planner): VISIBILITY OVERRUN</p> <p>(Wasp-19 G430L x2 (04)) Warning (Orbit Planner): VISIBILITY OVERRUN</p> <p>(Wasp-19 G430L x2 (04)) Warning (Orbit Planner): VISIBILITY OVERRUN</p> <p>(Wasp-19 G430L x2 (04)) Warning (Form): The proposal is part of a large program (100 orbits or more in one cycle) and so should use Schedulability 100.</p> <p>(Wasp-19 G430L x2 (04)) Warning (Orbit Planner): VISIBILITY OVERRUN</p>															
Fixed Targets		<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>WASP-19</td> <td>RA: 09 53 40.0770 (148.4169875d) Dec: -45 39 33.06 (-45.65918d) Equinox: J2000</td> <td>Proper Motion RA: -41.3 mas/yr Proper Motion Dec: +16.5 mas/yr Epoch of Position: 2000.0</td> <td>V=12.3</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	WASP-19	RA: 09 53 40.0770 (148.4169875d) Dec: -45 39 33.06 (-45.65918d) Equinox: J2000	Proper Motion RA: -41.3 mas/yr Proper Motion Dec: +16.5 mas/yr Epoch of Position: 2000.0	V=12.3
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(2)	WASP-19	RA: 09 53 40.0770 (148.4169875d) Dec: -45 39 33.06 (-45.65918d) Equinox: J2000	Proper Motion RA: -41.3 mas/yr Proper Motion Dec: +16.5 mas/yr Epoch of Position: 2000.0	V=12.3	Reference Frame: ICRS												

Proposal 12473 - Wasp-19 G430L x2 (04) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(2) WASP-19	STIS/CCD, ACQ, F28X50LP	MIRROR			1.0 Secs		
						PHASE 0.8026 TO 0.8143		[==>]	[1]	
	2	Wasp19 G4 30L Orbit 1	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		148 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp19 G4 30L Orbit 1	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		293 Secs X 8		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]		
4	Wasp19 G4 30L Orbit 2	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Wasp19 G4 30L Orbit 2	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		293 Secs X 10			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]		
6	Wasp19 G4 30L Orbit 3	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

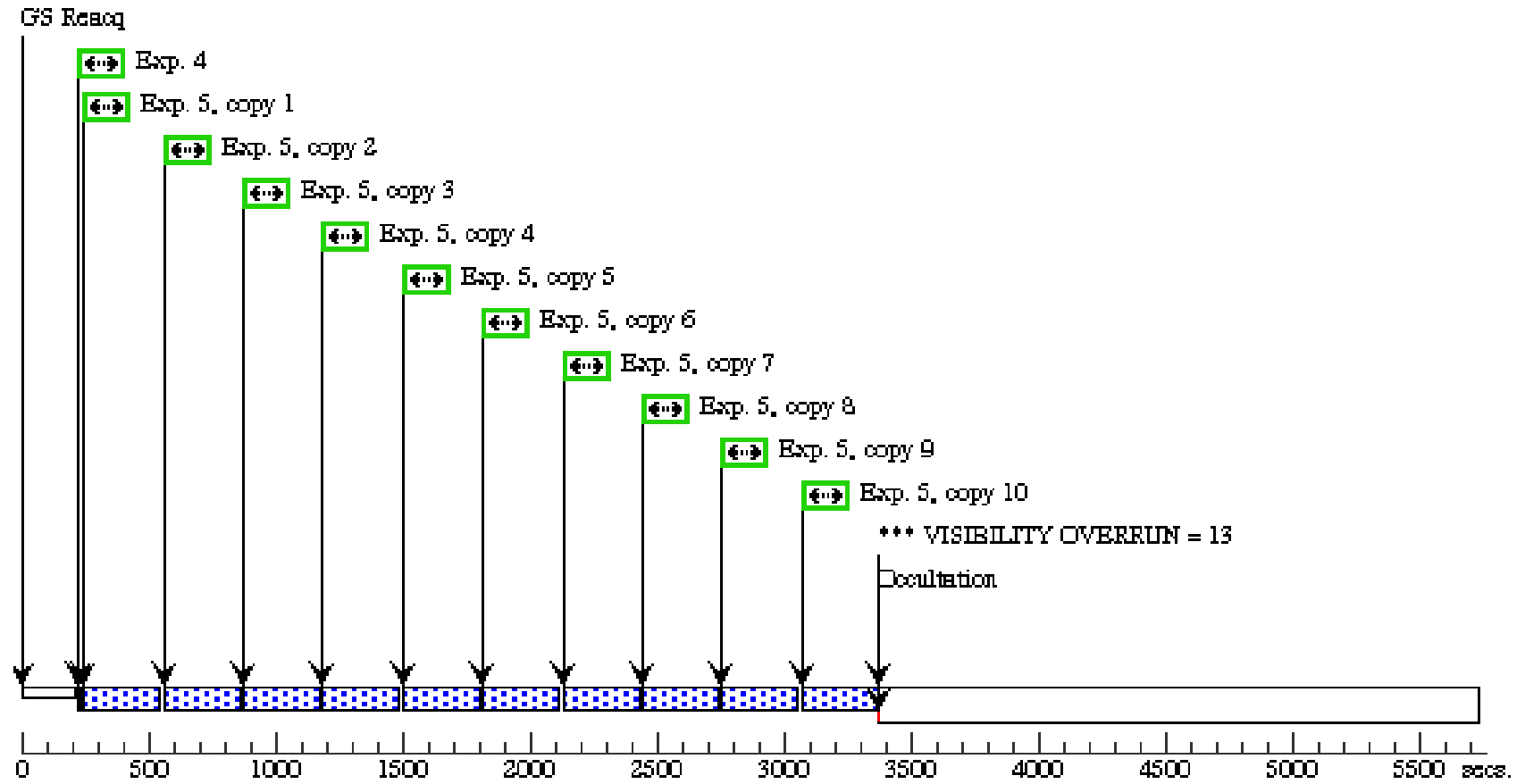
Proposal 12473 - Wasp-19 G430L x2 (04) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp19 G4 30L Orbit 3	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	293 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	Wasp19 G4 30L Orbit 4	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Wasp19 G4 30L Orbit 4	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	293 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							



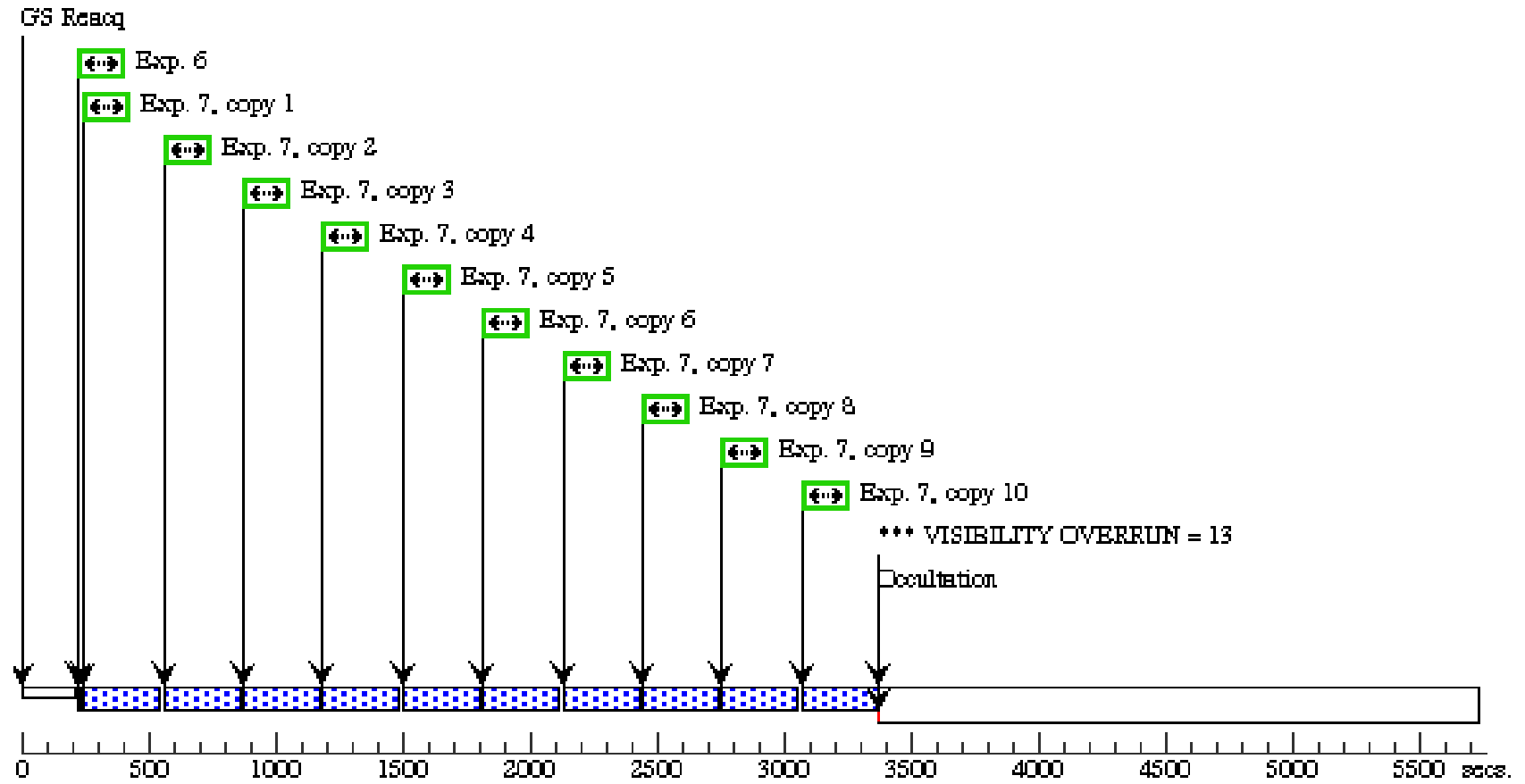
Orbit 2

Server Version: 20121031



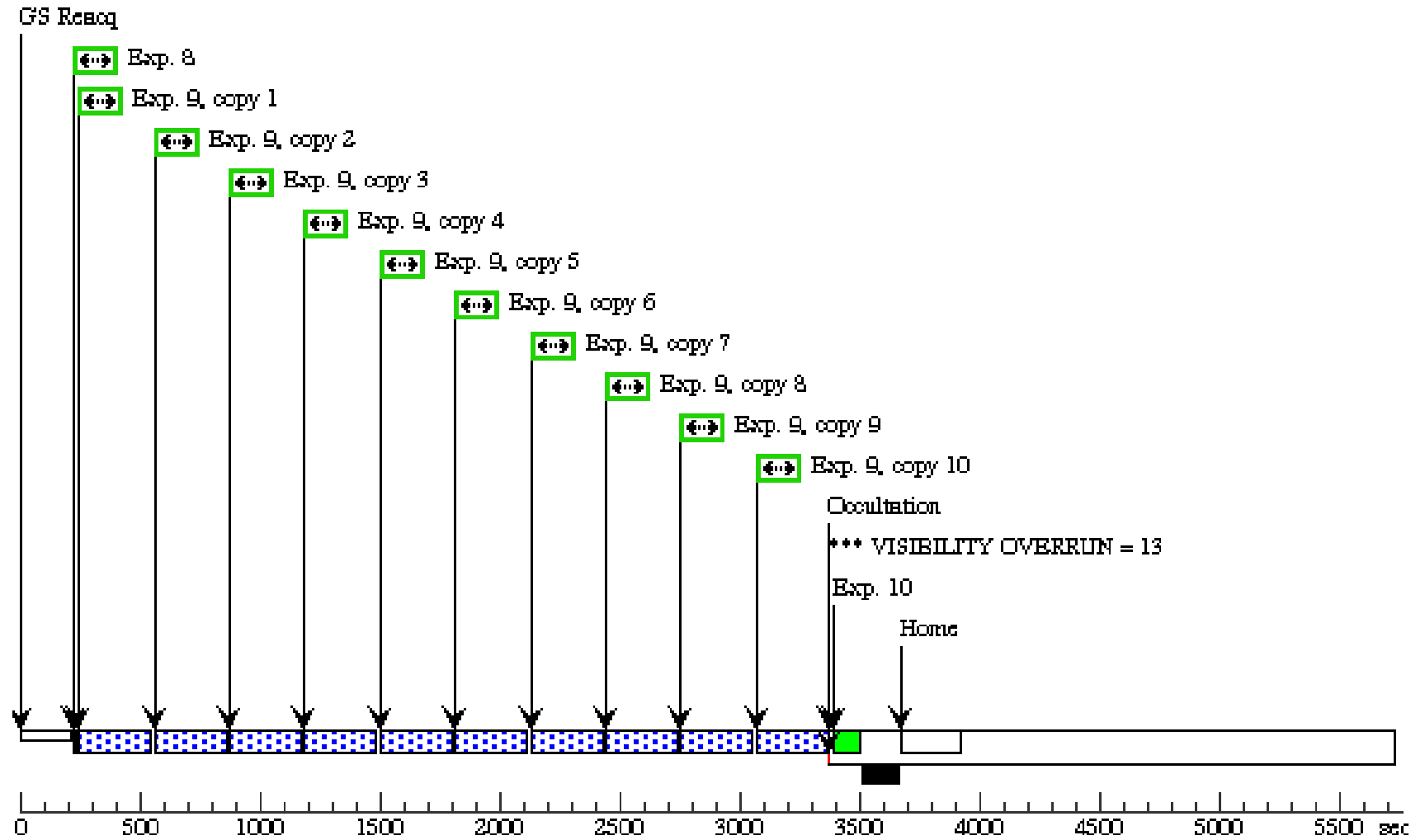
Orbit 3

Server Version: 20121031



Orbit 4

Server Version: 20121031



Proposal 12473 - Wasp-17 G430L (05) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Visit	<p>Proposal 12473, Wasp-17 G430L (05), scheduling Thu Jan 17 02:28:47 GMT 2013</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: Period 3.7354380 D AND ZERO-PHASE HJD2454577.85806</p> <p><i>Comments: Wasp17. G430L. First of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>																
	<p>(Wasp-17 G430L (05)) Warning (Form): The proposal is part of a large program (100 orbits or more in one cycle) and so should use Schedulability 100.</p> <p>(Wasp-17 G430L (05)) Warning (Orbit Planner): VISIBILITY OVERRUN</p>																
Diagnosics																	
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>WASP-17</td> <td>RA: 15 59 50.9470 (239.9622792d) Dec: -28 03 42.33 (-28.06176d) Equinox: J2000</td> <td>Proper Motion RA: -7.9 mas/yr Proper Motion Dec: -11.0 mas/yr Epoch of Position: 2000.0</td> <td>V=11.59</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	WASP-17	RA: 15 59 50.9470 (239.9622792d) Dec: -28 03 42.33 (-28.06176d) Equinox: J2000	Proper Motion RA: -7.9 mas/yr Proper Motion Dec: -11.0 mas/yr Epoch of Position: 2000.0	V=11.59	Reference Frame: ICRS				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(3)	WASP-17	RA: 15 59 50.9470 (239.9622792d) Dec: -28 03 42.33 (-28.06176d) Equinox: J2000	Proper Motion RA: -7.9 mas/yr Proper Motion Dec: -11.0 mas/yr Epoch of Position: 2000.0	V=11.59	Reference Frame: ICRS												

Proposal 12473 - Wasp-17 G430L (05) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

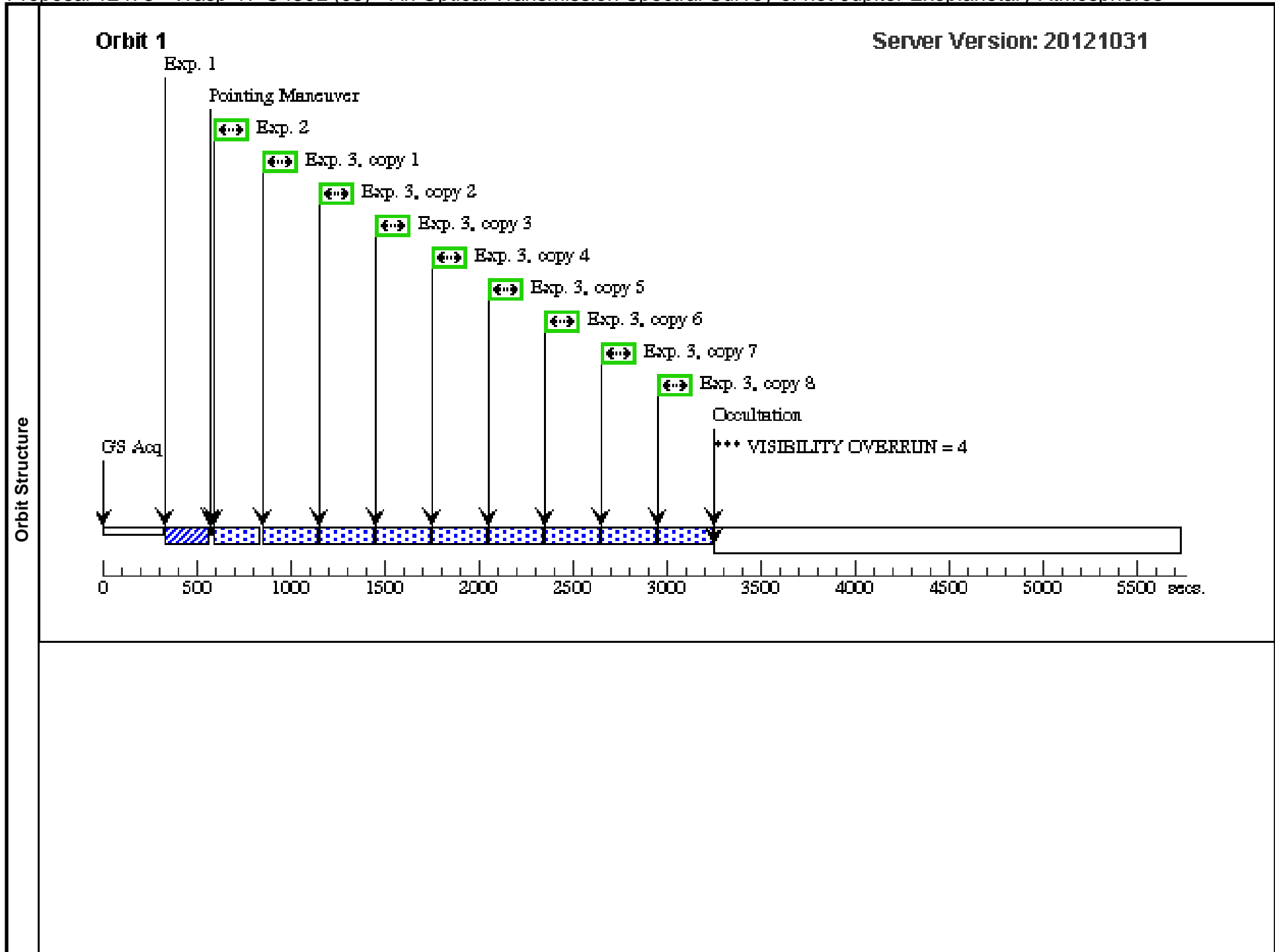
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(3) WASP-17	STIS/CCD, ACQ, F28X50LP	MIRROR			.6 Secs		
						PHASE 0.9488 TO 0.9528		[==>]	[1]	
	2	Wasp17 G4 30L Orbit 1	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		128 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp17 G4 30L Orbit 1	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		279 Secs X 8		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]		
4	Wasp17 G4 30L Orbit 2	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Wasp17 G4 30L Orbit 2	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		279 Secs X 10			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]		
6	Wasp17 G4 30L Orbit 3	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Wasp-17 G430L (05) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp17 G4 30L Orbit 3	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	Wasp17 G4 30L Orbit 4	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Wasp17 G4 30L Orbit 4	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	Wasp17 G4 30L Orbit 5	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	Wasp17 G4 30L Orbit 5	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

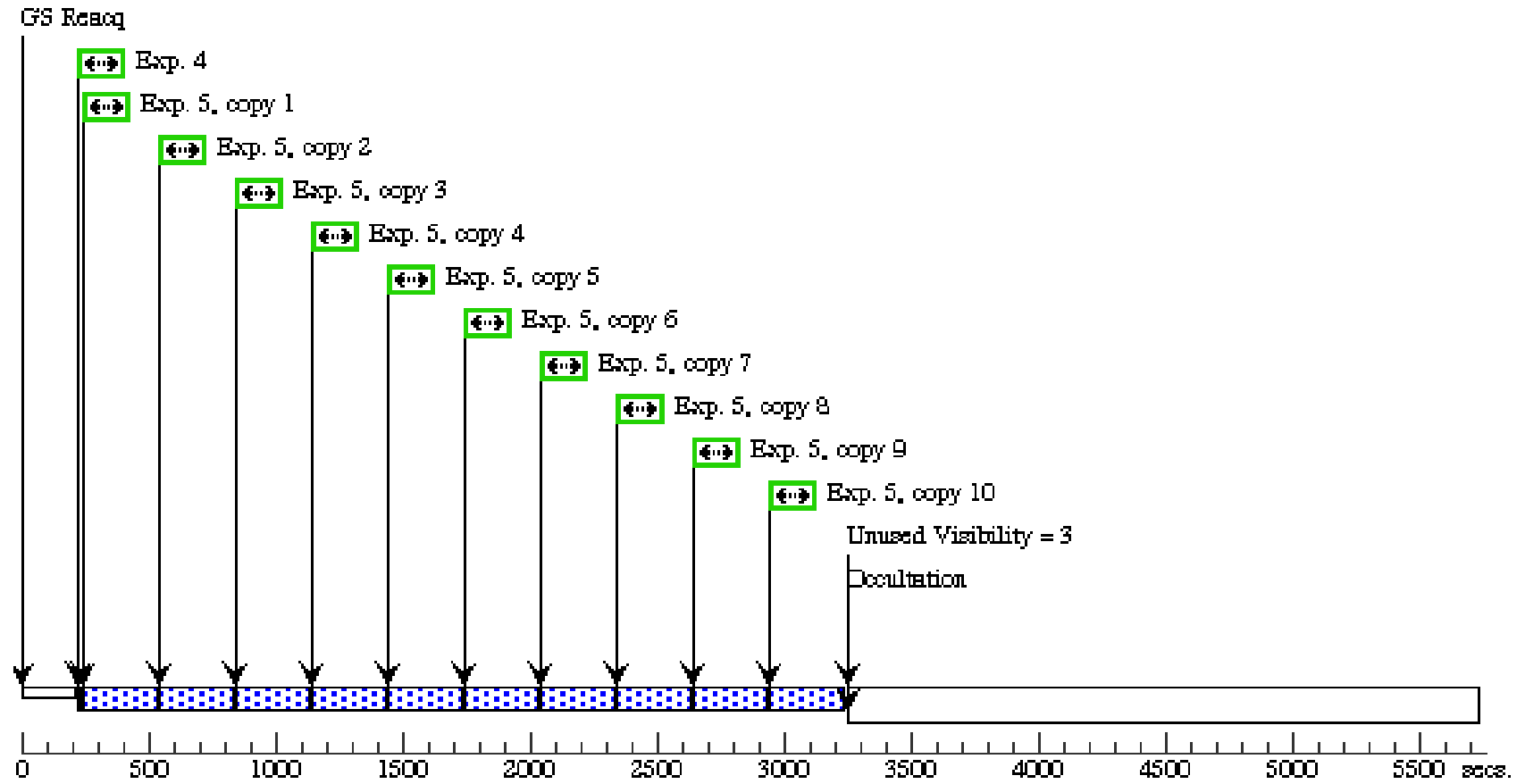
Proposal 12473 - Wasp-17 G430L (05) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>						



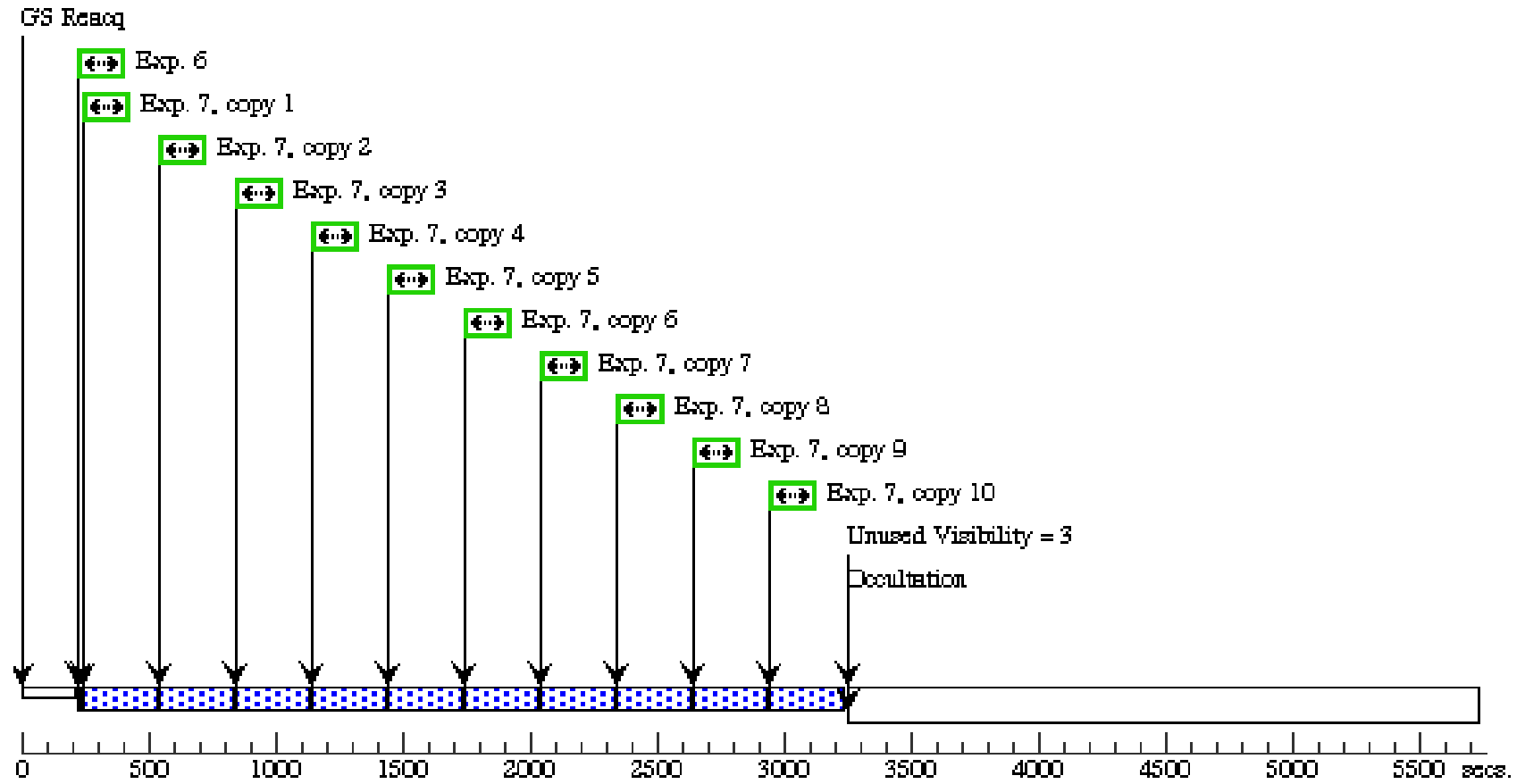
Orbit 2

Server Version: 20121031



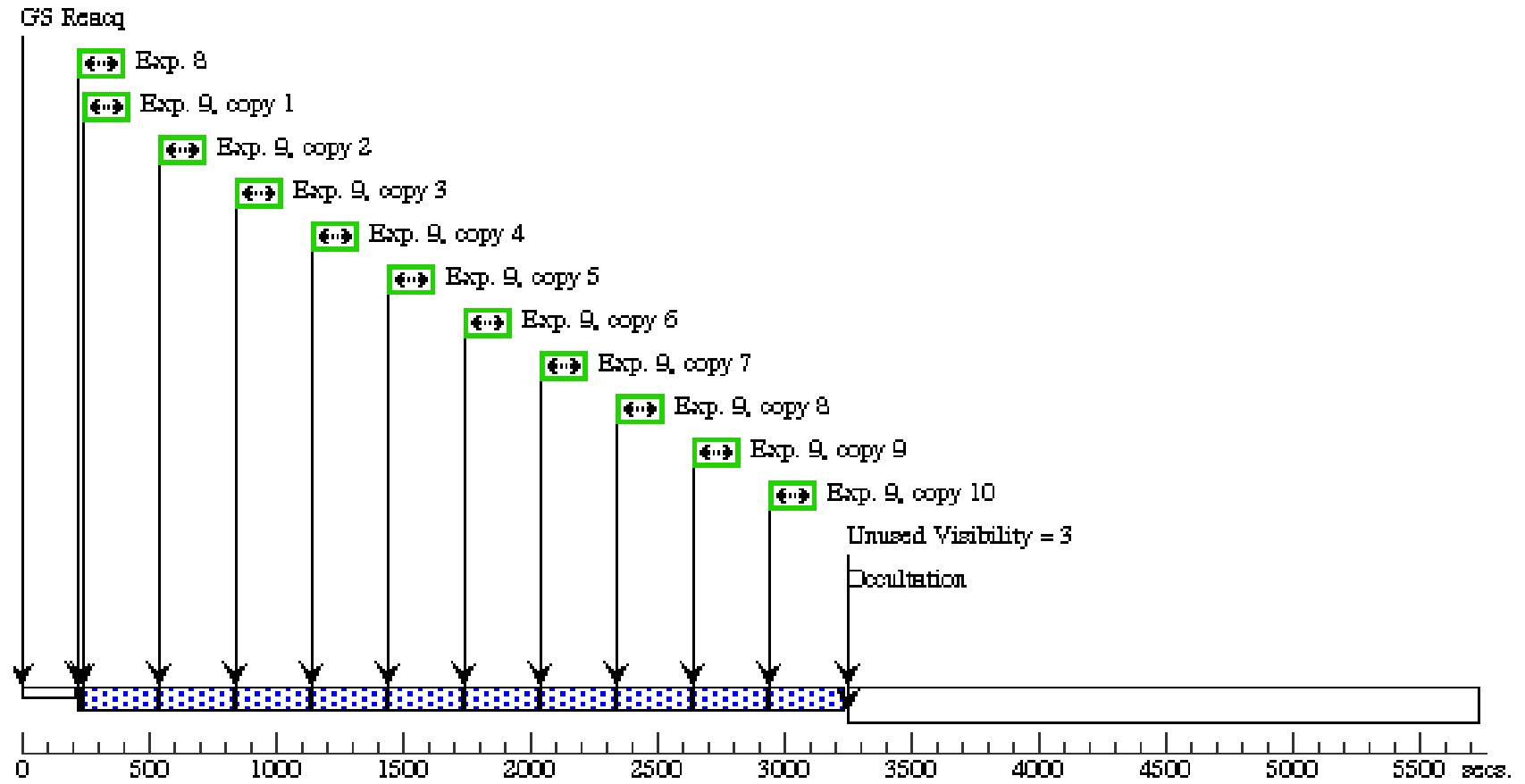
Orbit 3

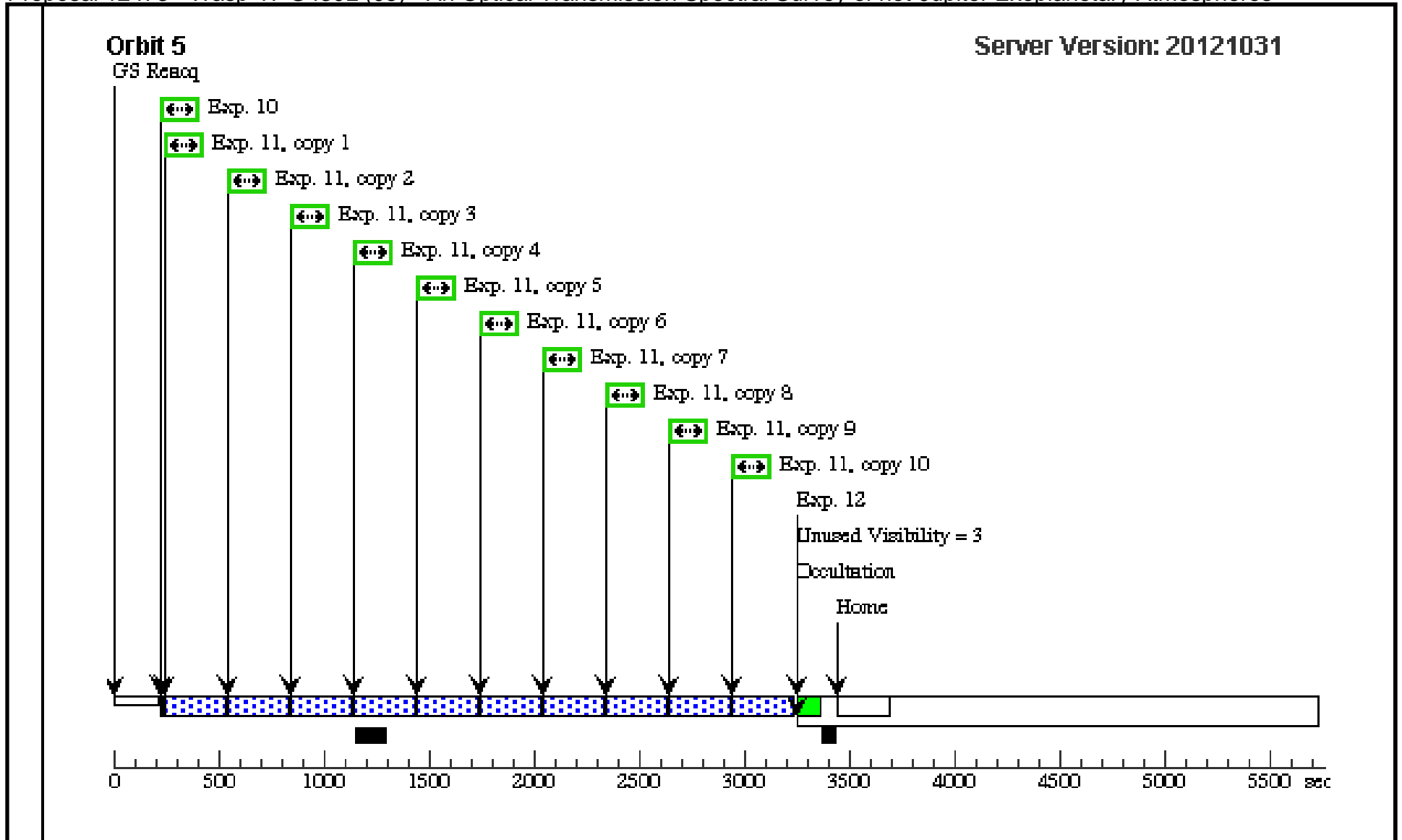
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-17 G430L x2 (06) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Visit	<p>Proposal 12473, Wasp-17 G430L x2 (06), completed Thu Jan 17 02:28:52 GMT 2013</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: Period 3.7354380 D AND ZERO-PHASE HJD2454577.85806</p> <p><i>Comments: Wasp17. G430L. Second of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>																
	<p>(Wasp-17 G430L x2 (06)) Warning (Form): The proposal is part of a large program (100 orbits or more in one cycle) and so should use Schedulability 100.</p> <p>(Wasp-17 G430L x2 (06)) Warning (Orbit Planner): VISIBILITY OVERRUN</p>																
Diagnosics																	
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>WASP-17</td> <td>RA: 15 59 50.9470 (239.9622792d) Dec: -28 03 42.33 (-28.06176d) Equinox: J2000</td> <td>Proper Motion RA: -7.9 mas/yr Proper Motion Dec: -11.0 mas/yr Epoch of Position: 2000.0</td> <td>V=11.59</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	WASP-17	RA: 15 59 50.9470 (239.9622792d) Dec: -28 03 42.33 (-28.06176d) Equinox: J2000	Proper Motion RA: -7.9 mas/yr Proper Motion Dec: -11.0 mas/yr Epoch of Position: 2000.0	V=11.59	Reference Frame: ICRS				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(3)	WASP-17	RA: 15 59 50.9470 (239.9622792d) Dec: -28 03 42.33 (-28.06176d) Equinox: J2000	Proper Motion RA: -7.9 mas/yr Proper Motion Dec: -11.0 mas/yr Epoch of Position: 2000.0	V=11.59	Reference Frame: ICRS												

Proposal 12473 - Wasp-17 G430L x2 (06) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

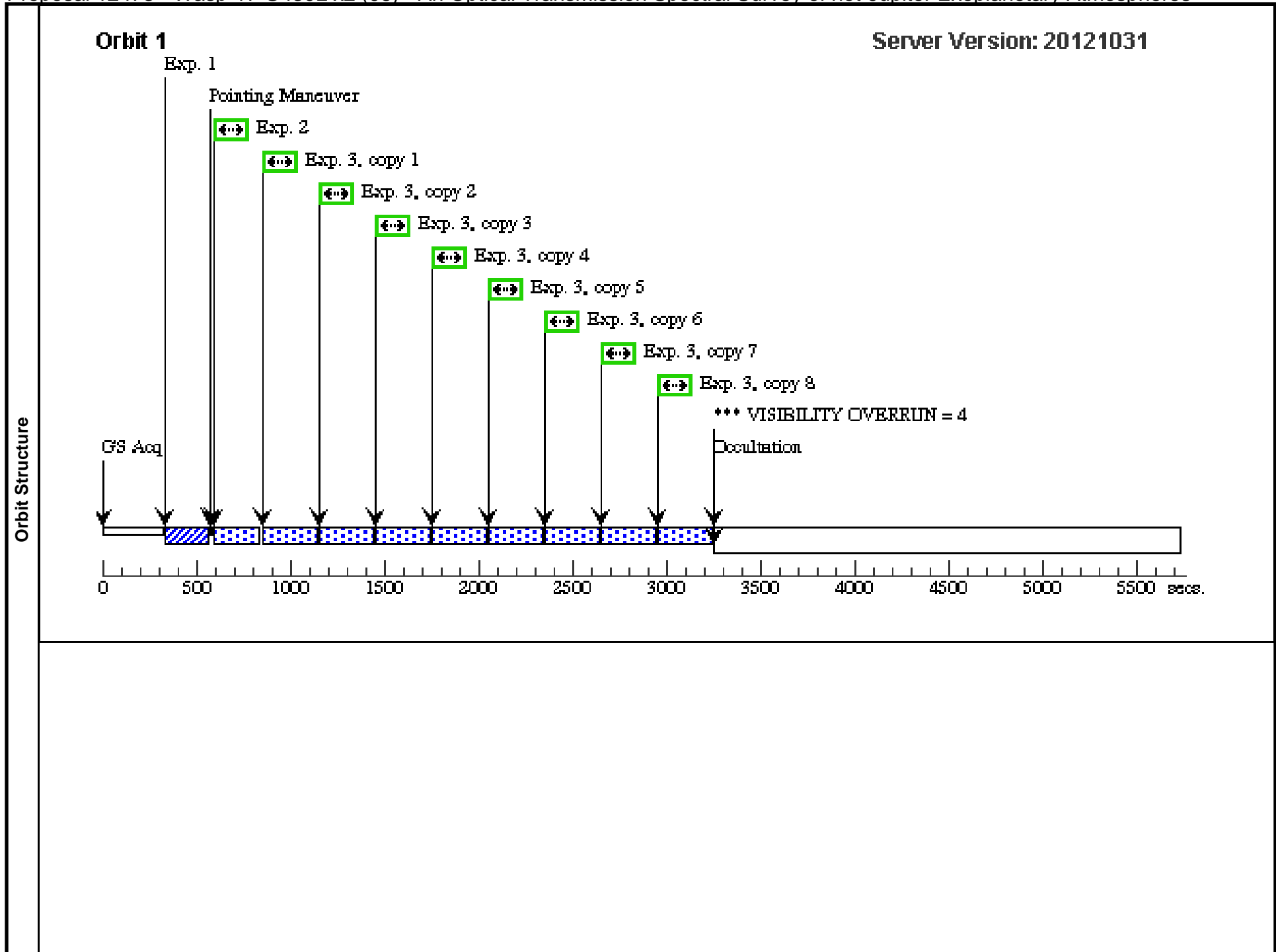
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(3) WASP-17	STIS/CCD, ACQ, F28X50LP	MIRROR	PHASE 0.9488 TO 0.9528		.6 Secs [==>]	[1]	
	2	Wasp17 G4 30L Orbit 1	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		128 Secs [==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp17 G4 30L Orbit 1	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		279 Secs X 8 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]	
	4	Wasp17 G4 30L Orbit 2	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[2]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
5	Wasp17 G4 30L Orbit 2	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]		
6	Wasp17 G4 30L Orbit 3	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Wasp-17 G430L x2 (06) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp17 G4 30L Orbit 3	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	Wasp17 G4 30L Orbit 4	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Wasp17 G4 30L Orbit 4	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	Wasp17 G4 30L Orbit 5	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	Wasp17 G4 30L Orbit 5	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

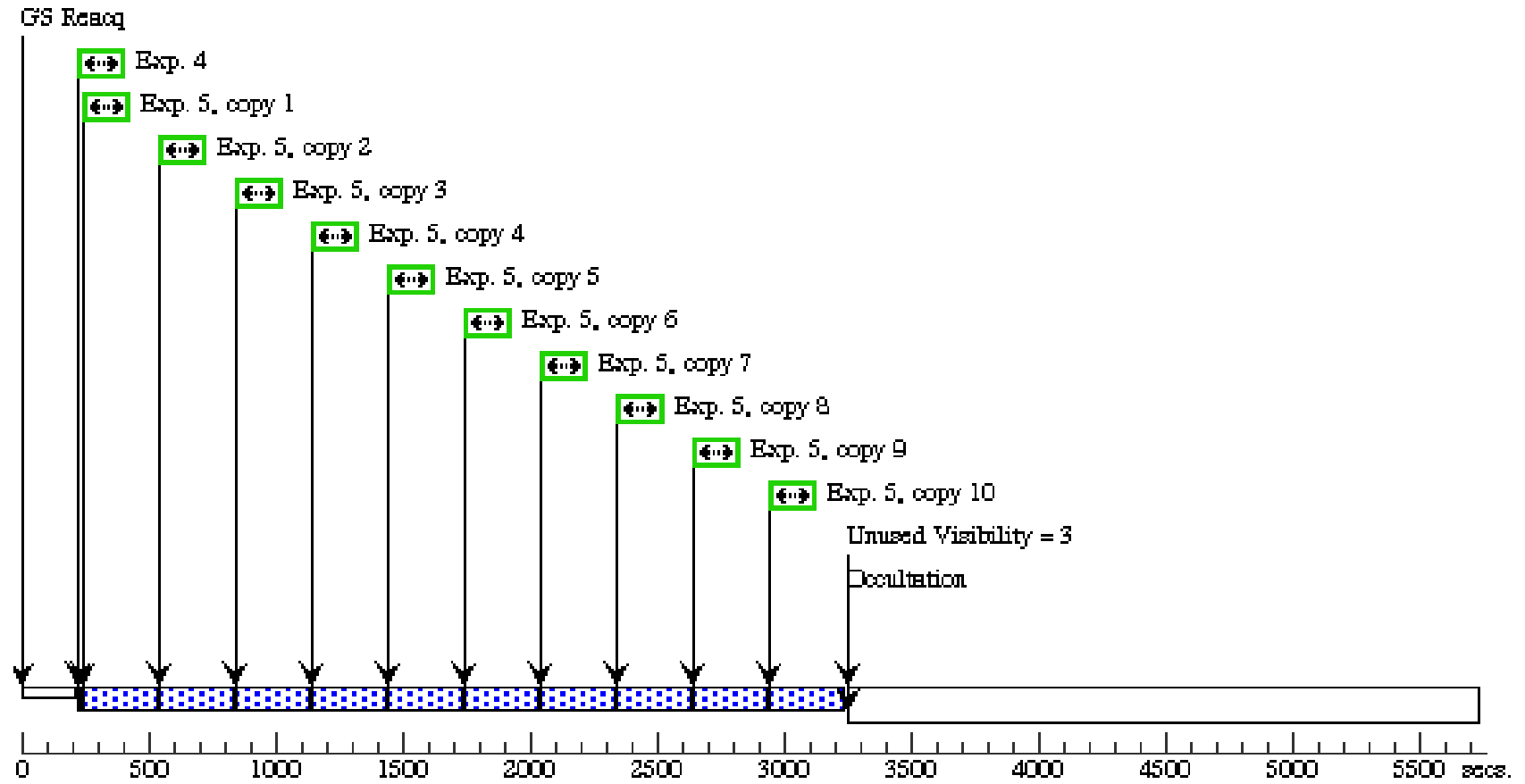
Proposal 12473 - Wasp-17 G430L x2 (06) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>						



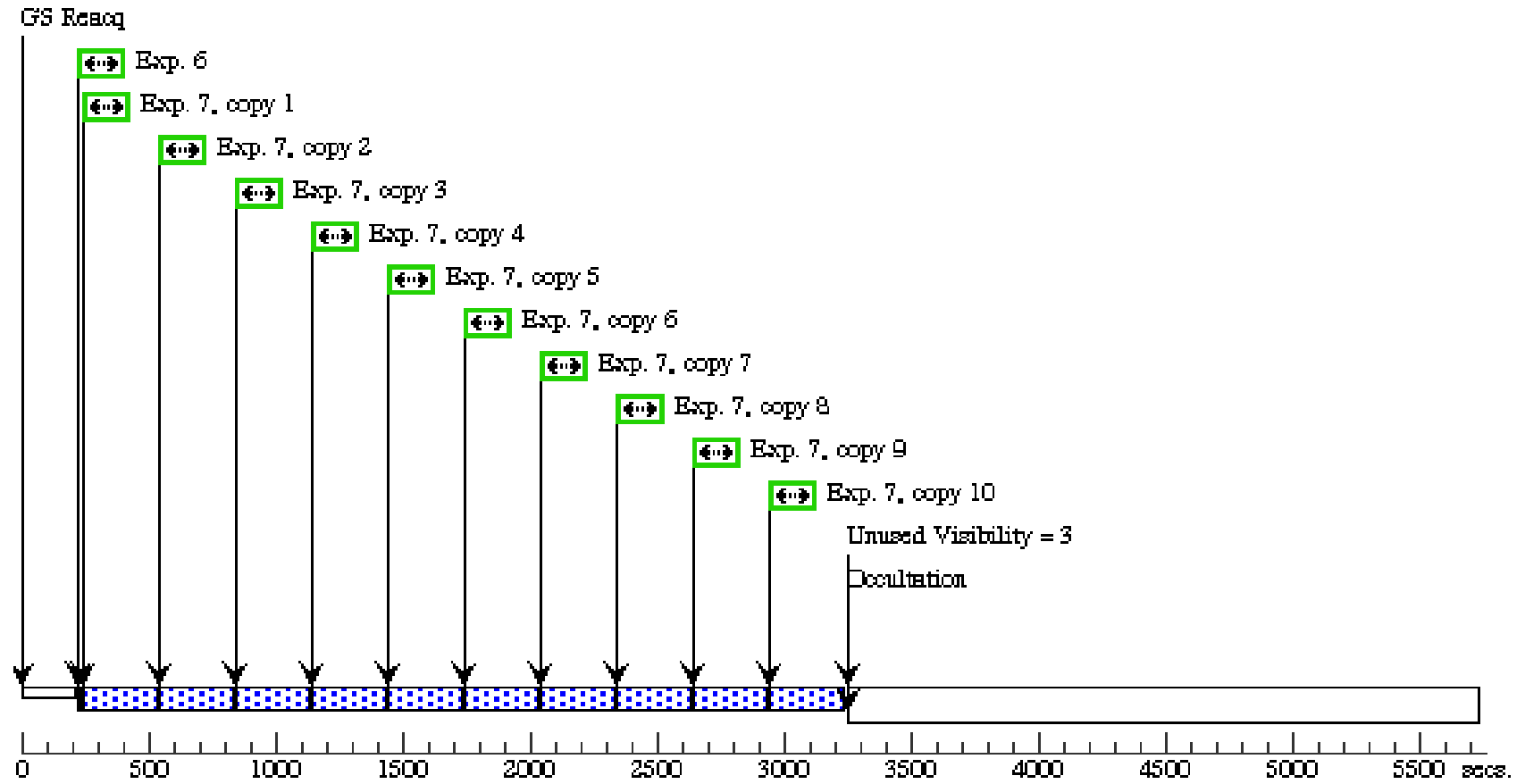
Orbit 2

Server Version: 20121031



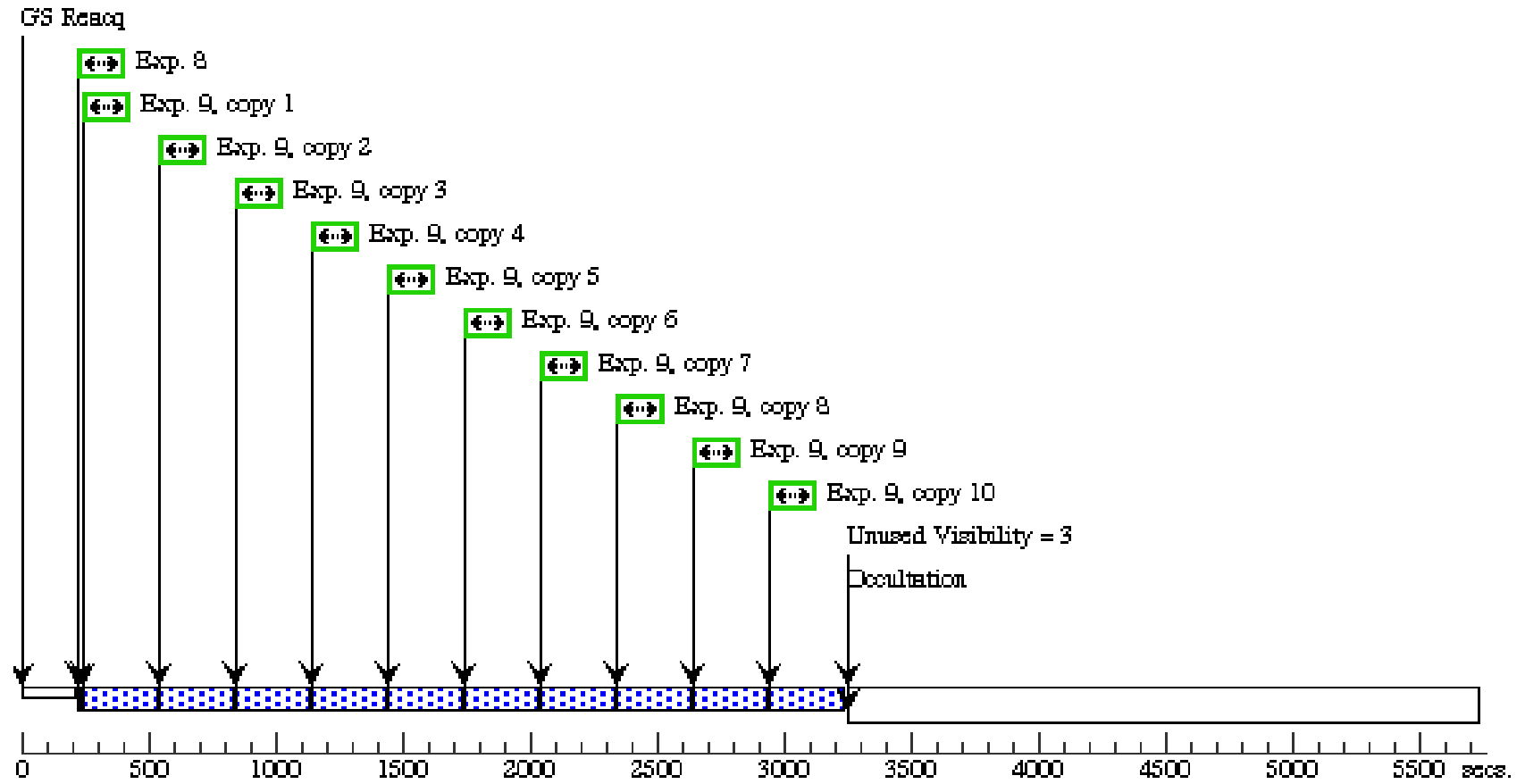
Orbit 3

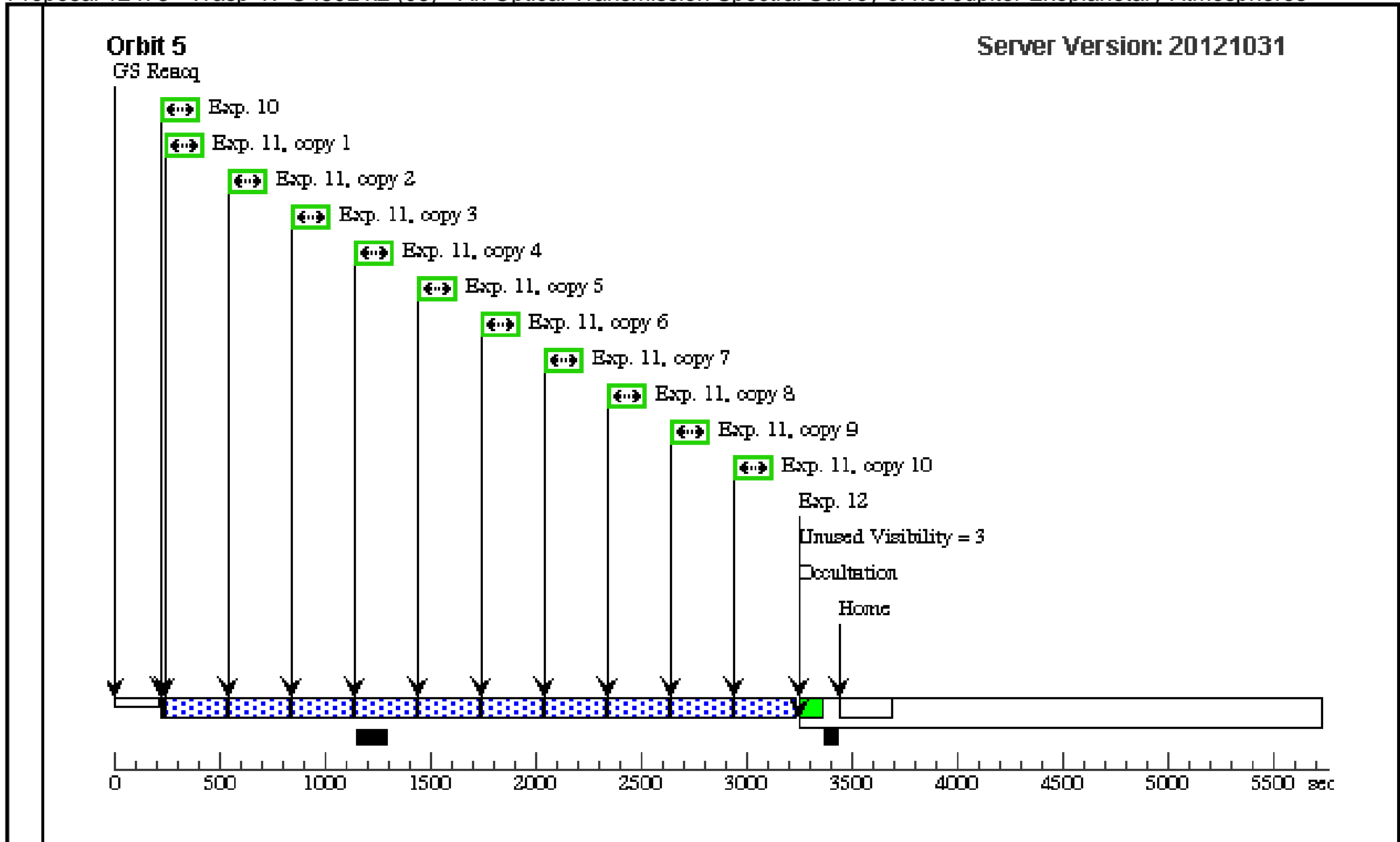
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Hat-1 G430L (07) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

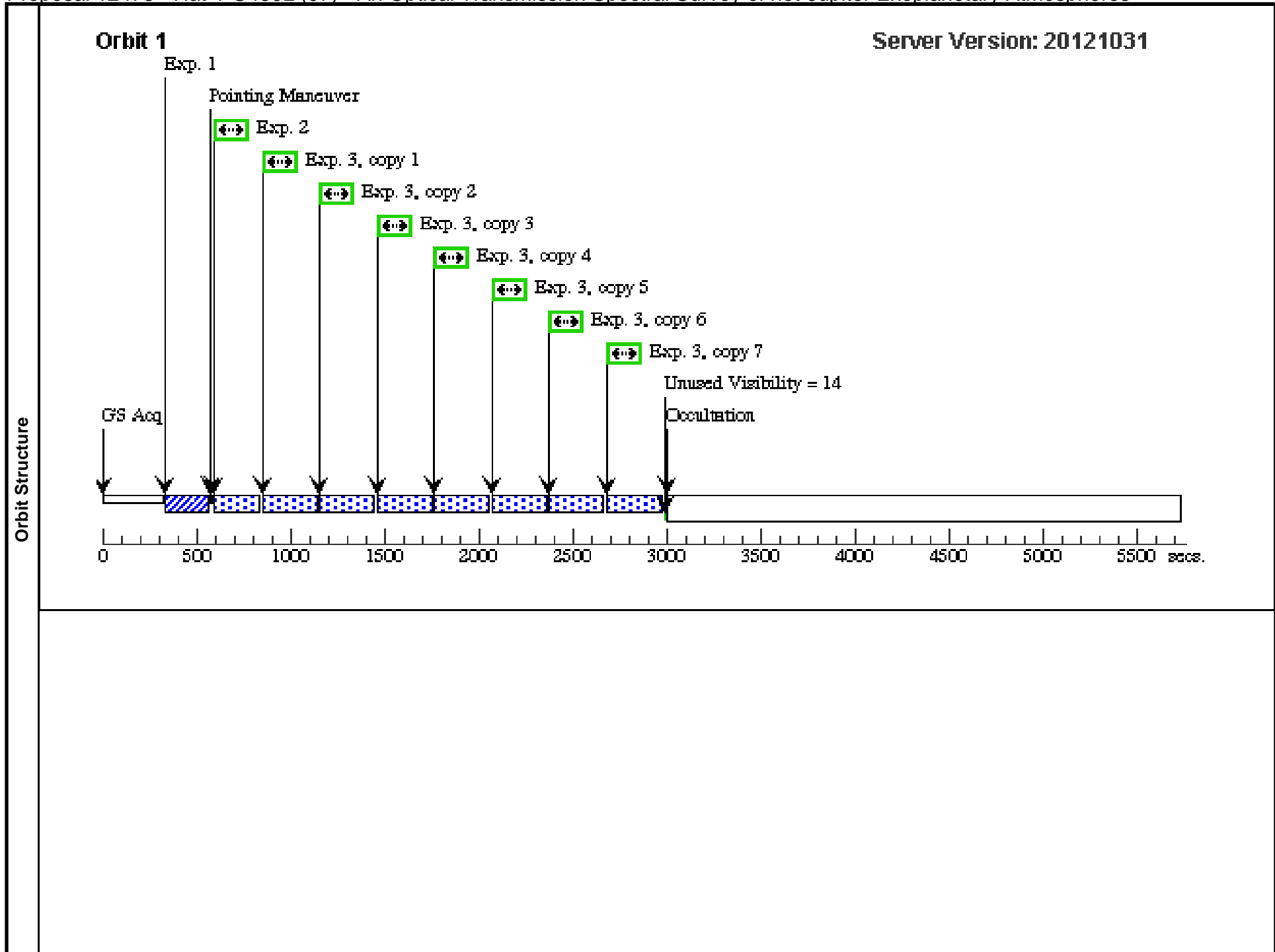
Visit	<p>Proposal 12473, Hat-1 G430L (07), completed Thu Jan 17 02:28:57 GMT 2013</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: SCHED 100%; Period 4.4652934 D AND ZERO-PHASE HJD2454363.94656</p> <p><i>Comments: Hat1. G430L. First of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(4)	HAT-P-1	RA: 22 57 46.8250 (344.4451042d) Dec: +38 40 29.83 (38.67495d) Equinox: J2000	Proper Motion RA: 29.3 mas/yr Proper Motion Dec: -51.0 mas/yr Epoch of Position: 2000.0	V=10.4	Reference Frame: ICRS

Proposal 12473 - Hat-1 G430L (07) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(4) HAT-P-1	STIS/CCD, ACQ, F28X50LP	MIRROR			.2 Secs [==>]	[1]	
	2	Hat-1 G430 L Orbit 1	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		128 Secs [==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Hat-1 G430 L Orbit 1	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		284 Secs X 7 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]	
	4	Hat-1 G430 L Orbit 2	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[2]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
5	Hat-1 G430 L Orbit 2	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		284 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Hat-1 G430 L Orbit 3	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

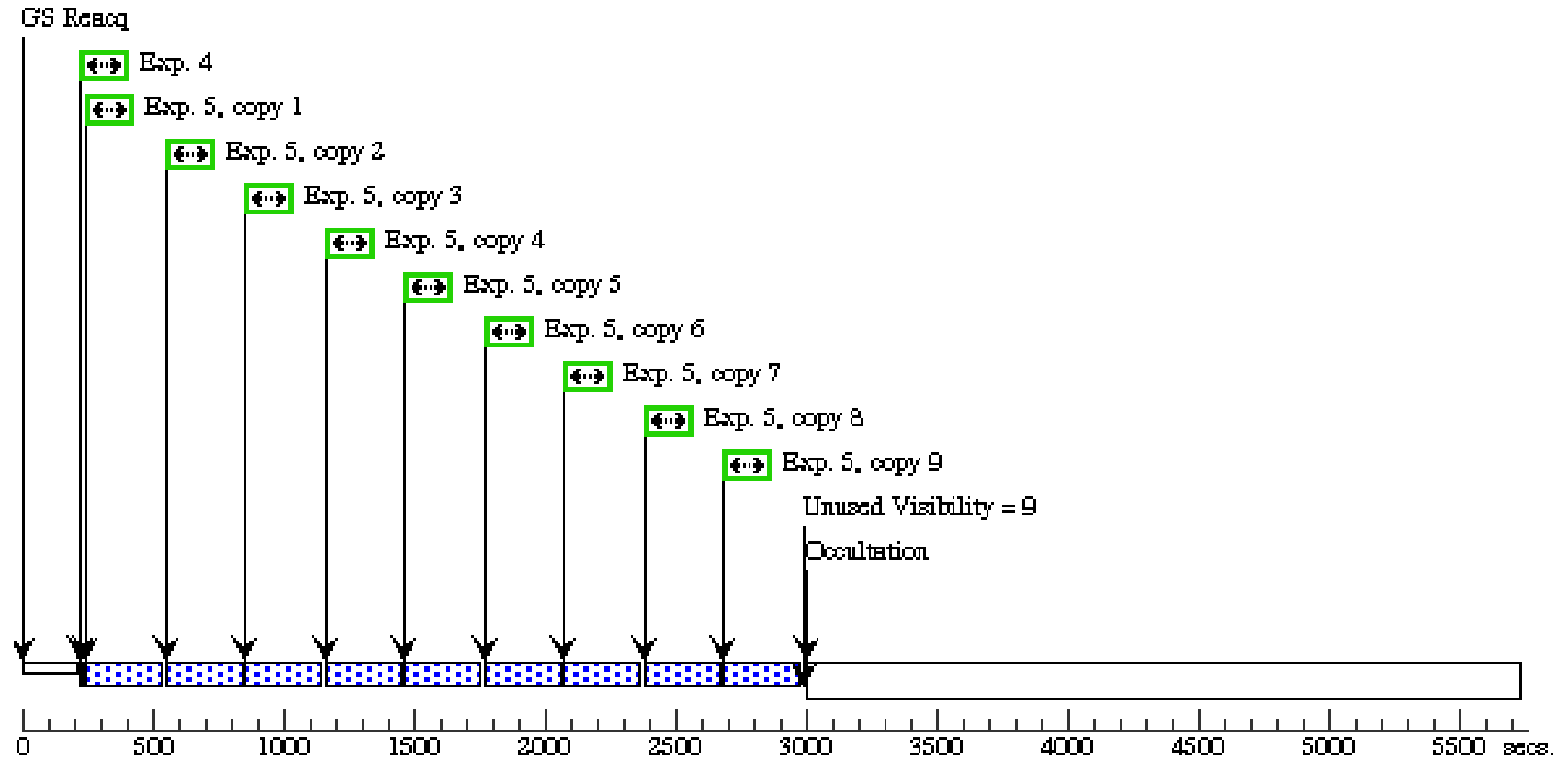
Proposal 12473 - Hat-1 G430L (07) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Hat-1 G430 L Orbit 3	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	284 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Hat-1 G430 L Orbit 4	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Hat-1 G430 L Orbit 4	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	284 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	Hat-1 G430 L Orbit 5	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	Hat-1 G430 L Orbit 5	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	284 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							



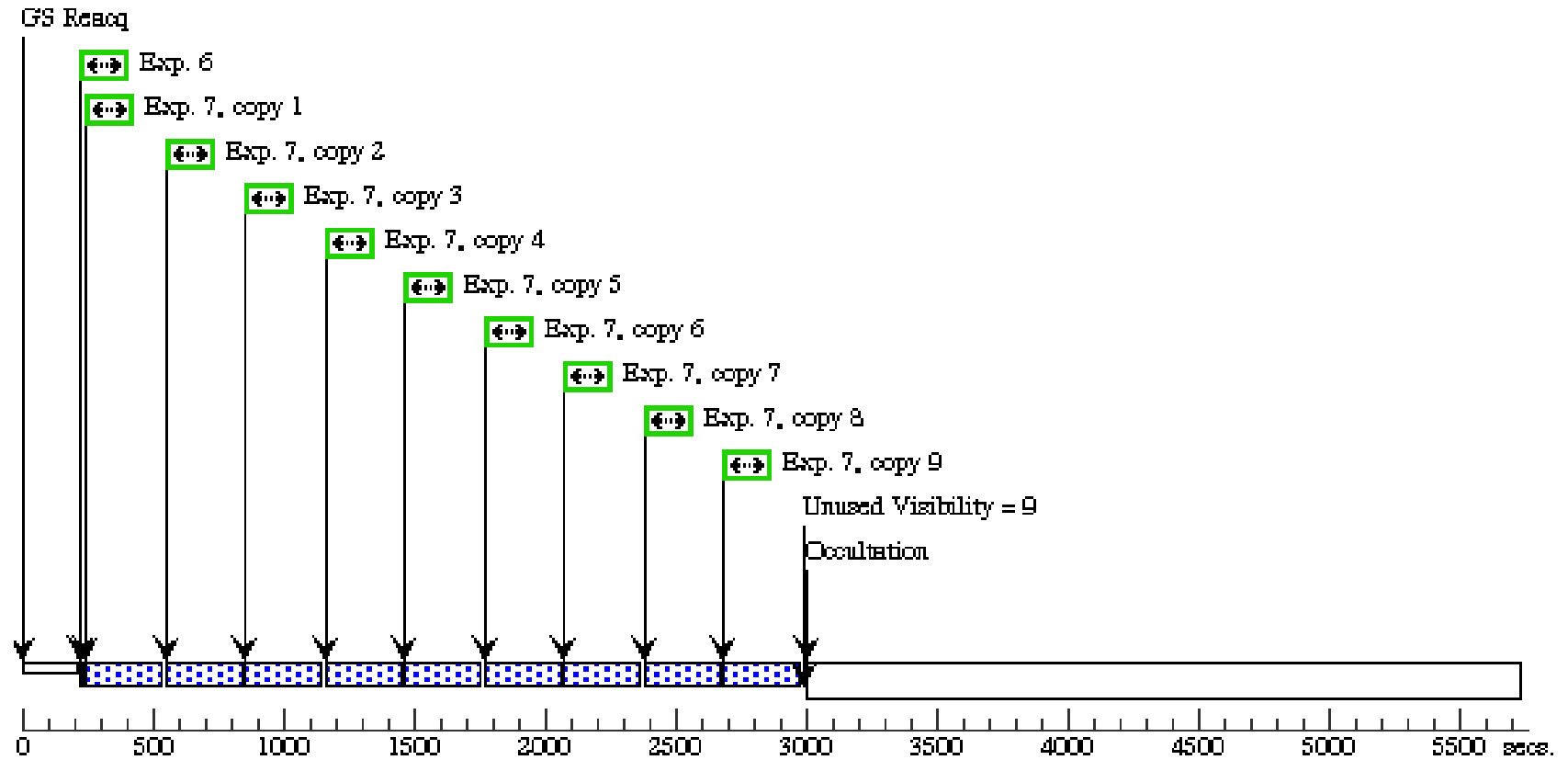
Orbit 2

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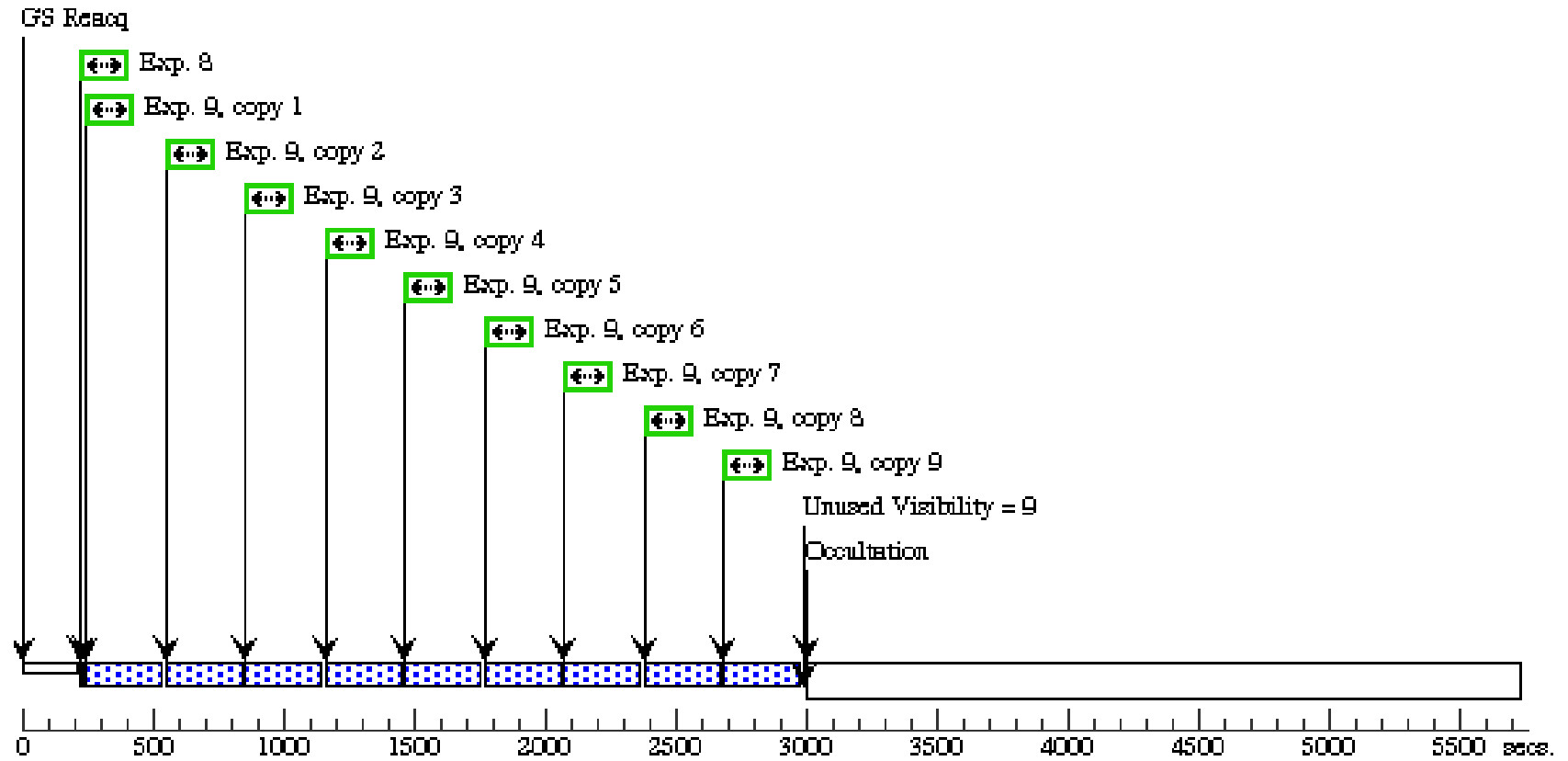
Orbit 3

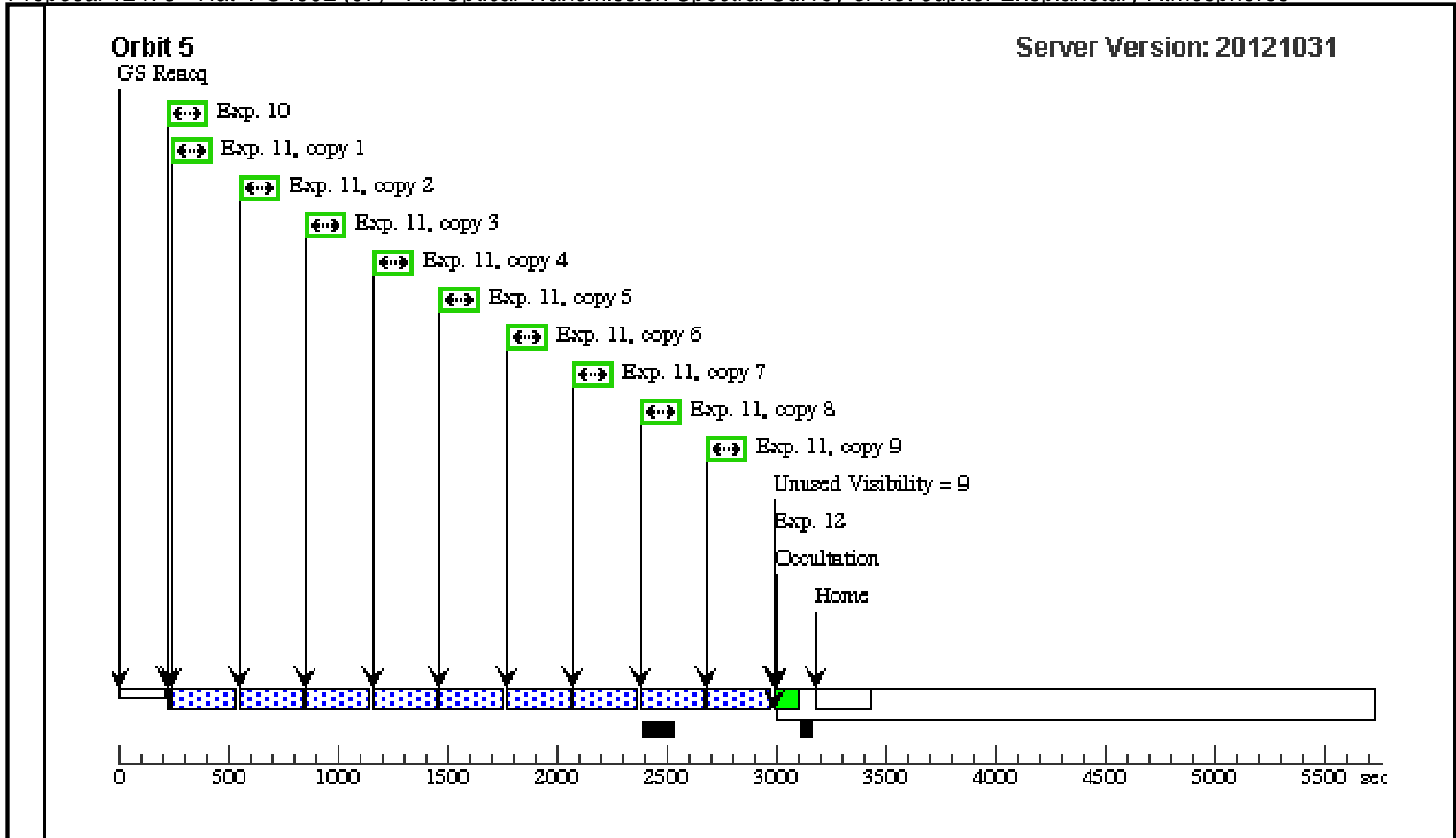
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Hat-1 G430L x2 (08) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

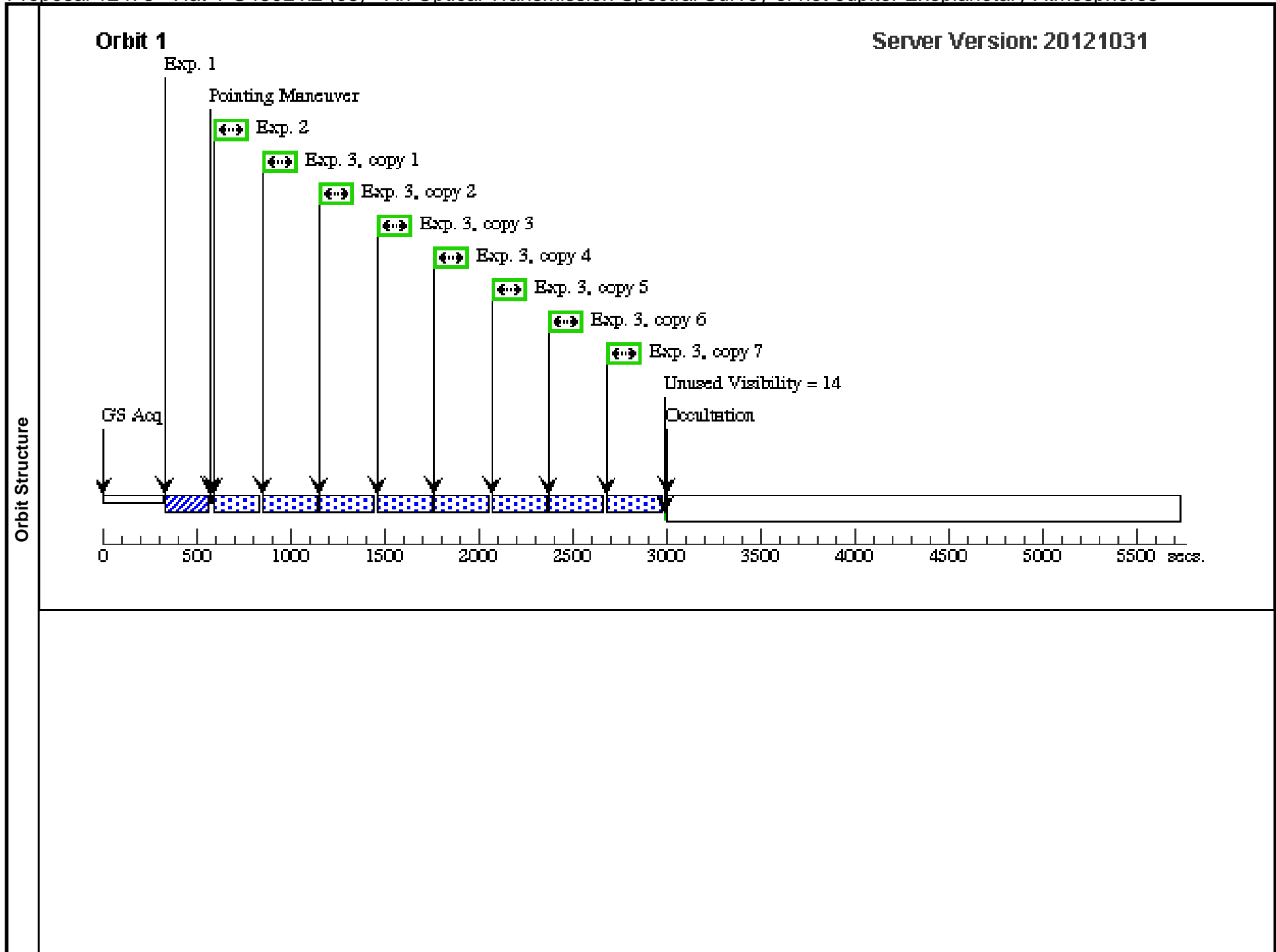
Visit	<p>Proposal 12473, Hat-1 G430L x2 (08), completed Thu Jan 17 02:29:02 GMT 2013</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: SCHED 100%; Period 4.4652934 D AND ZERO-PHASE HJD2454363.94656</p> <p><i>Comments: Hat1. G430L. Second of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(4)	HAT-P-1	RA: 22 57 46.8250 (344.4451042d) Dec: +38 40 29.83 (38.67495d) Equinox: J2000	Proper Motion RA: 29.3 mas/yr Proper Motion Dec: -51.0 mas/yr Epoch of Position: 2000.0	V=10.4	Reference Frame: ICRS

Proposal 12473 - Hat-1 G430L x2 (08) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(4) HAT-P-1	STIS/CCD, ACQ, F28X50LP	MIRROR			.2 Secs [==>]	[1]	
	2	Hat-1 G430 L Orbit 1	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		128 Secs [==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Hat-1 G430 L Orbit 1	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		284 Secs X 7 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]	
	4	Hat-1 G430 L Orbit 2	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[2]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
5	Hat-1 G430 L Orbit 2	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		284 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Hat-1 G430 L Orbit 3	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

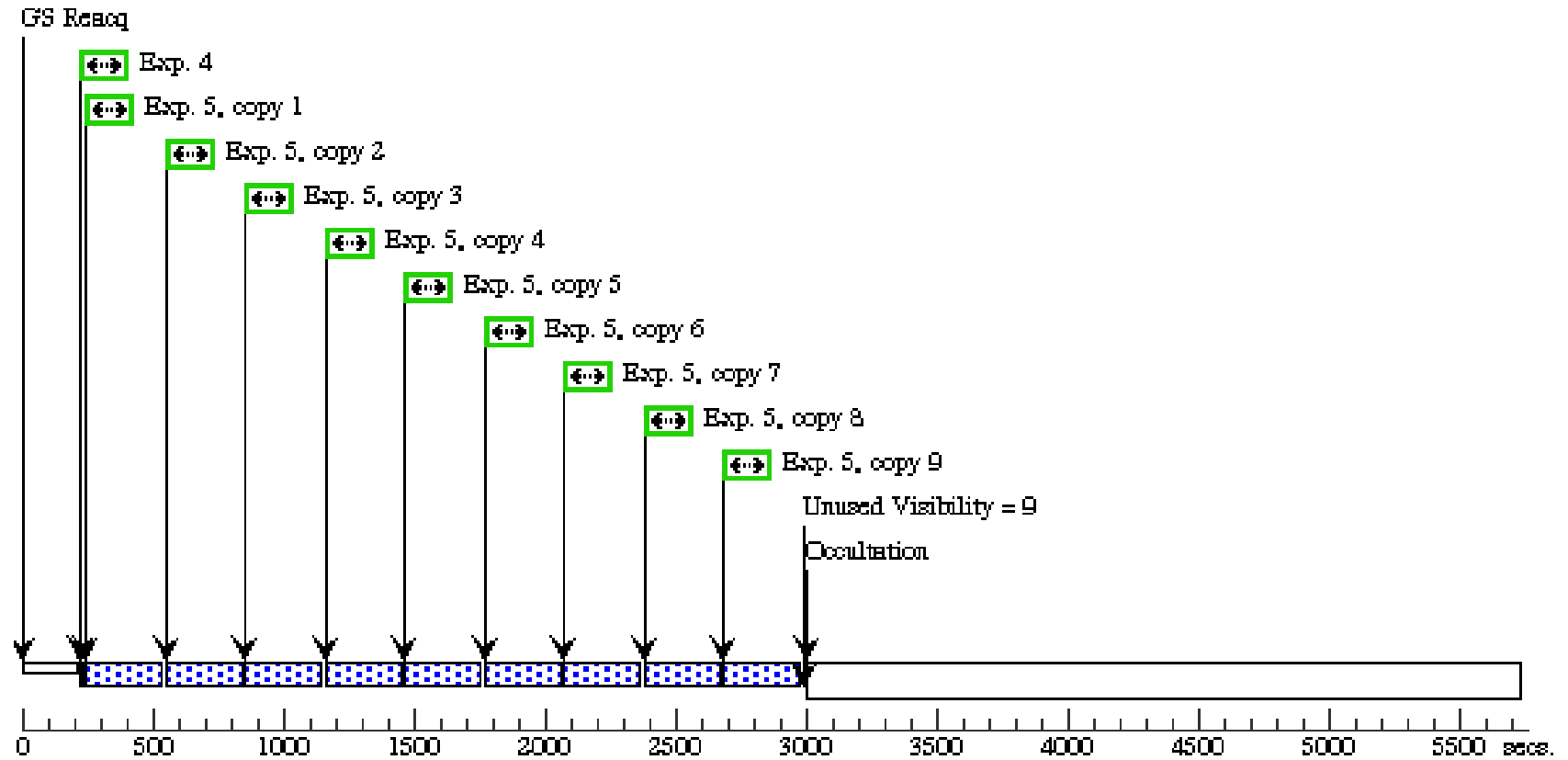
Proposal 12473 - Hat-1 G430L x2 (08) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Hat-1 G430 L Orbit 3	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	284 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]	
8	Hat-1 G430 L Orbit 4	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]	
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	Hat-1 G430 L Orbit 4	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	284 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]	
10	Hat-1 G430 L Orbit 5	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]	
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	Hat-1 G430 L Orbit 5	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	284 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]	
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[5]	
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>								



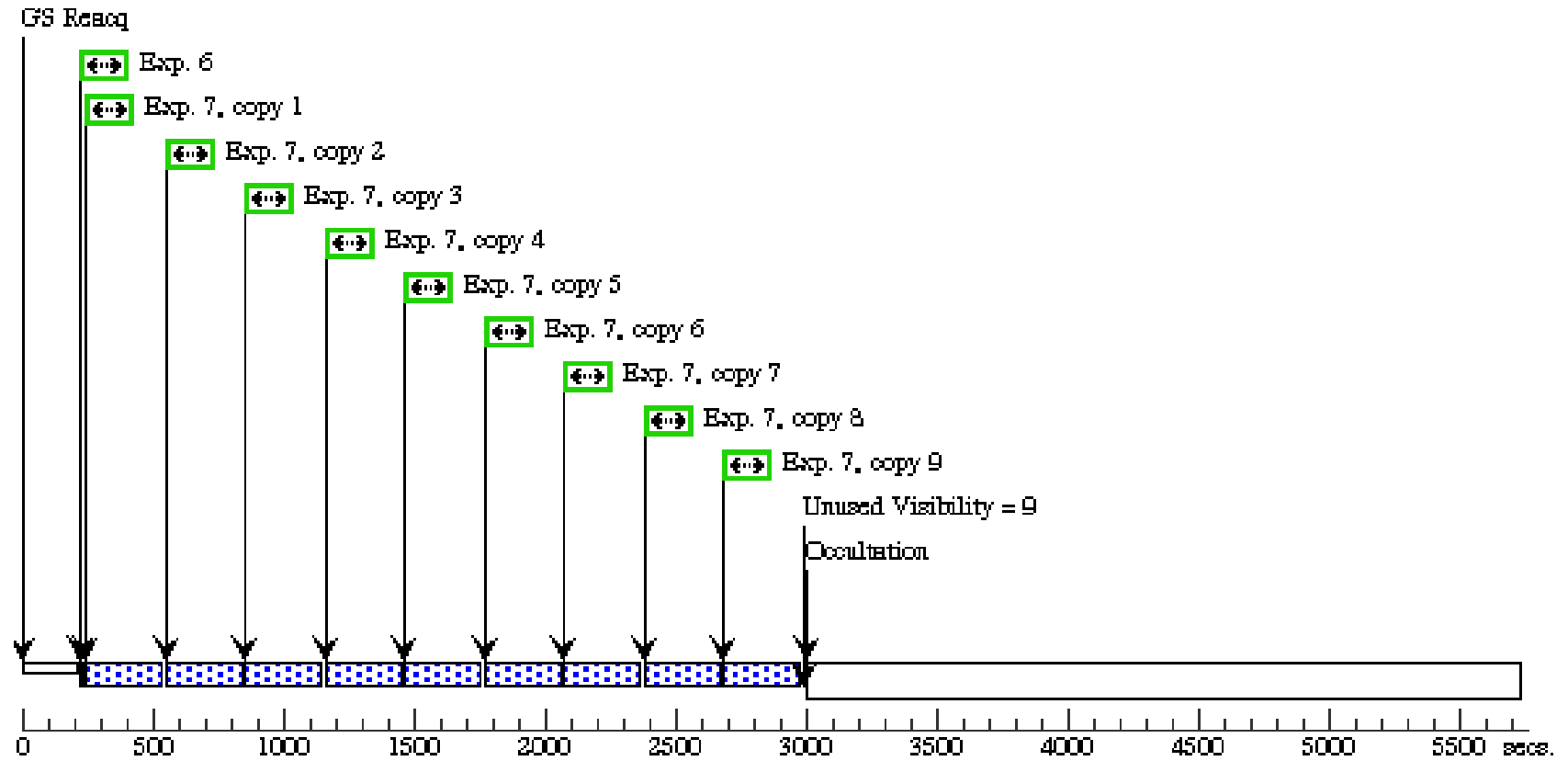
Orbit 2

Server Version: 20121031



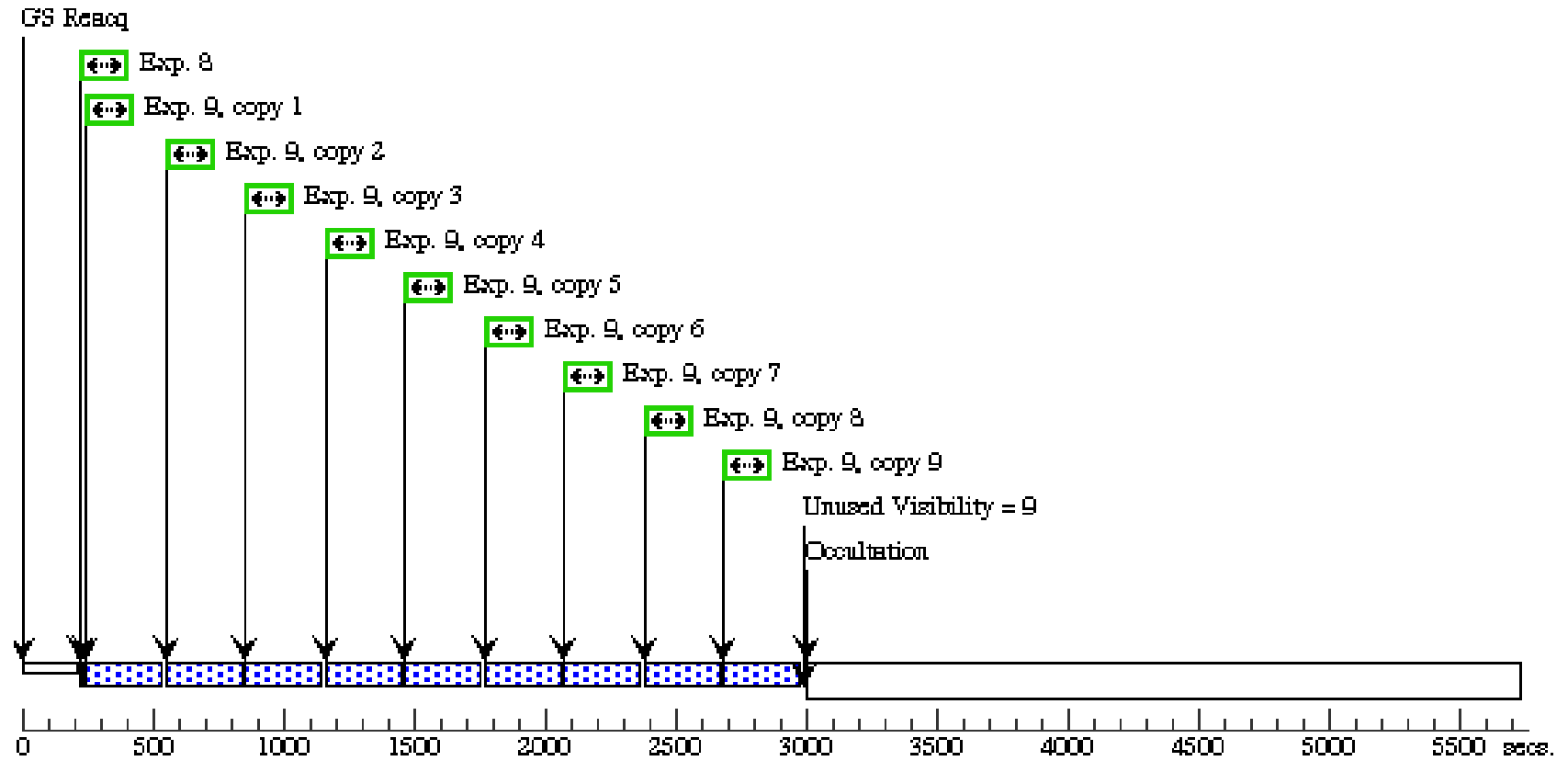
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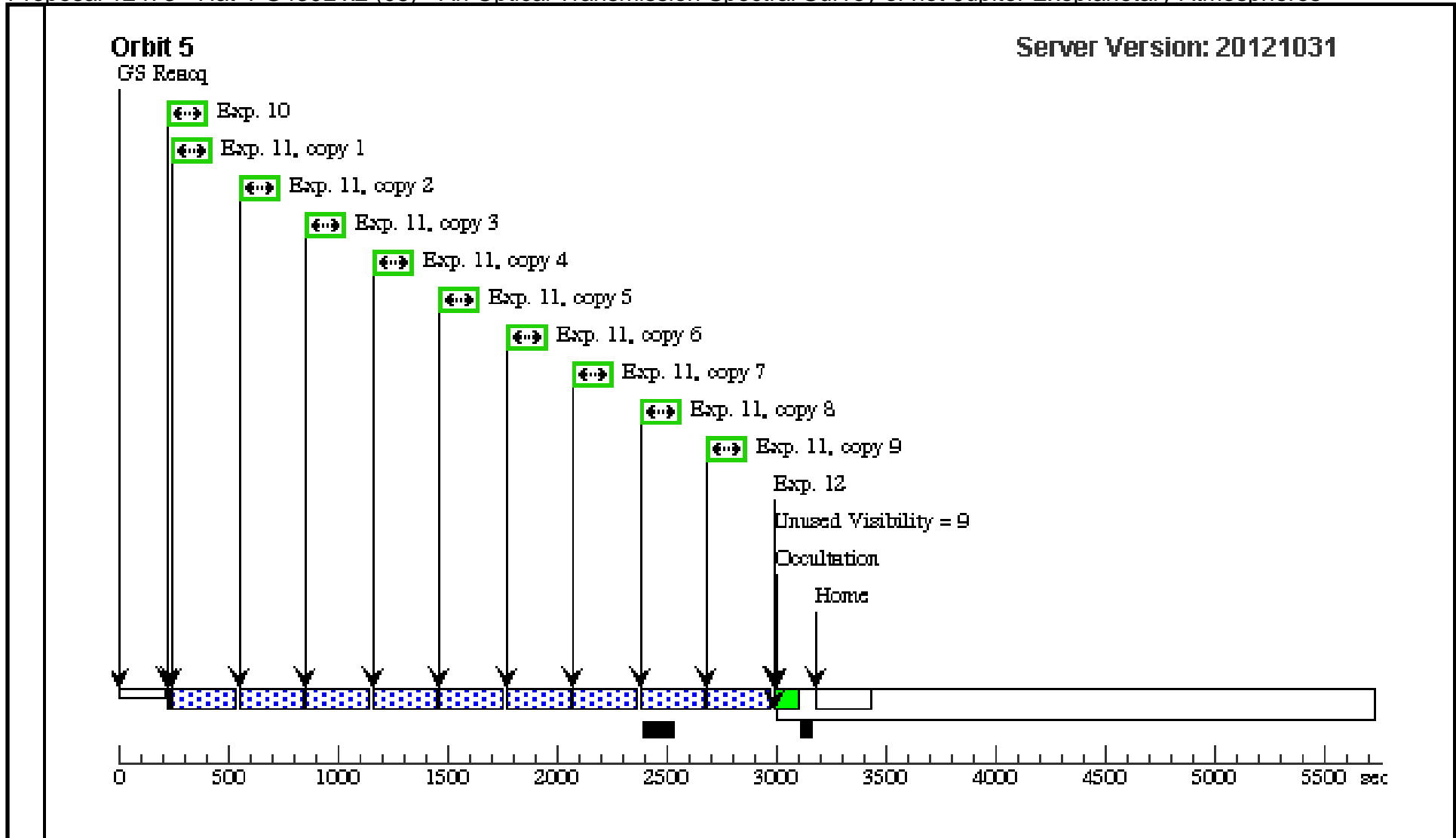
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-6 G430L (09) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

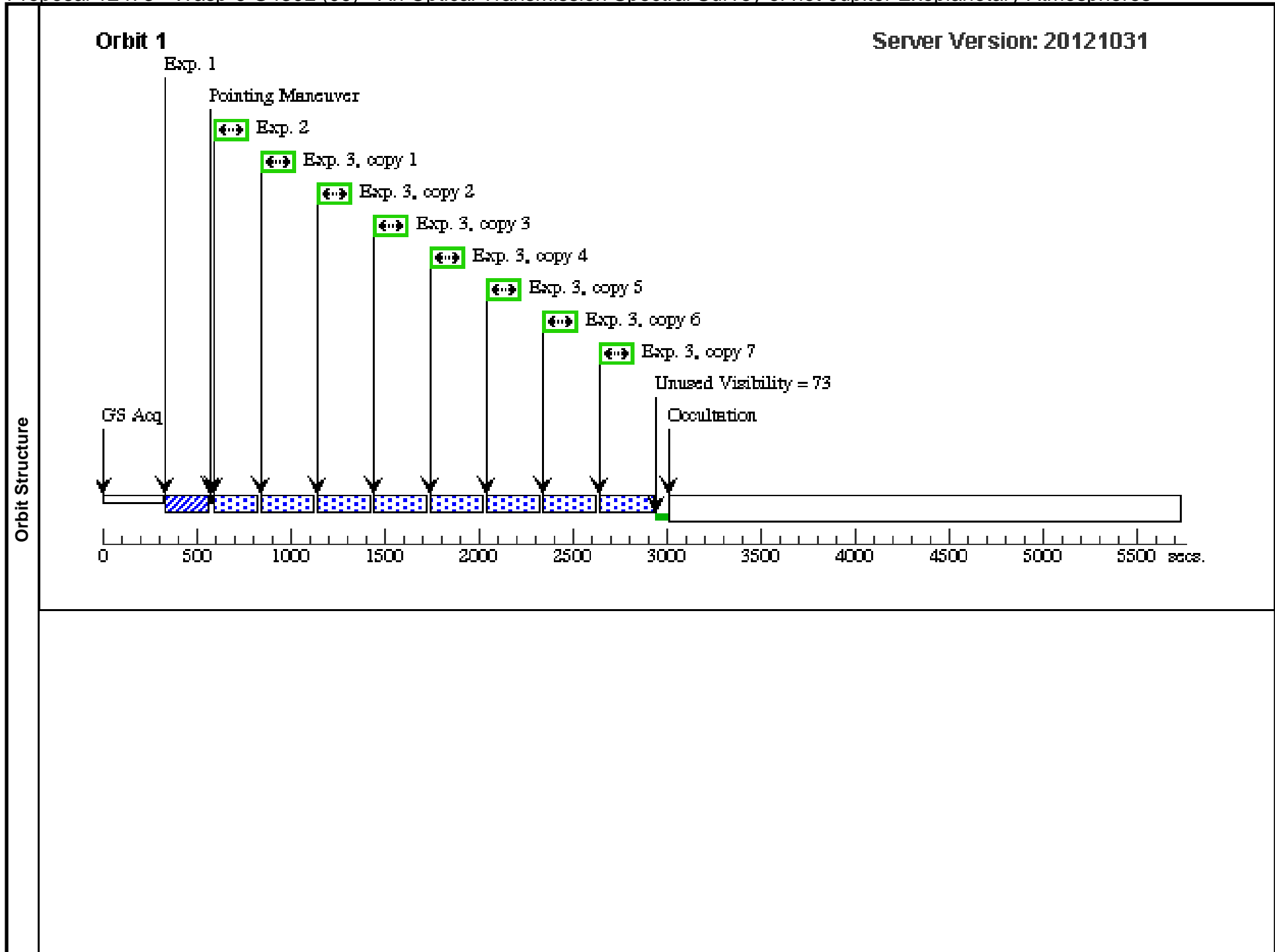
Visit	<p>Proposal 12473, Wasp-6 G430L (09), completed Thu Jan 17 02:29:06 GMT 2013</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: SCHED 100%; Period 3.3610060 D AND ZERO-PHASE HJD2454596.43267</p> <p><i>Comments: Wasp6. G430L. First of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	WASP-6	RA: 23 12 37.7390 (348.1572458d) Dec: -22 40 26.29 (-22.67397d) Equinox: J2000	Proper Motion RA: -21.9 mas/yr Proper Motion Dec: -34.5 mas/yr Epoch of Position: 2000.0	V=11.9	Reference Frame: ICRS

Proposal 12473 - Wasp-6 G430L (09) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(5) WASP-6	STIS/CCD, ACQ, F28X50LP	MIRROR			1.1 Secs		
						PHASE 0.9435 TO 0.9473		[==>]	[1]	
	2	Wasp-6 G43 0L Orbit 1	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		118 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp-6 G43 0L Orbit 1	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 7		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]		
4	Wasp-6 G43 0L Orbit 2	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Wasp-6 G43 0L Orbit 2	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 9			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Wasp-6 G43 0L Orbit 3	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

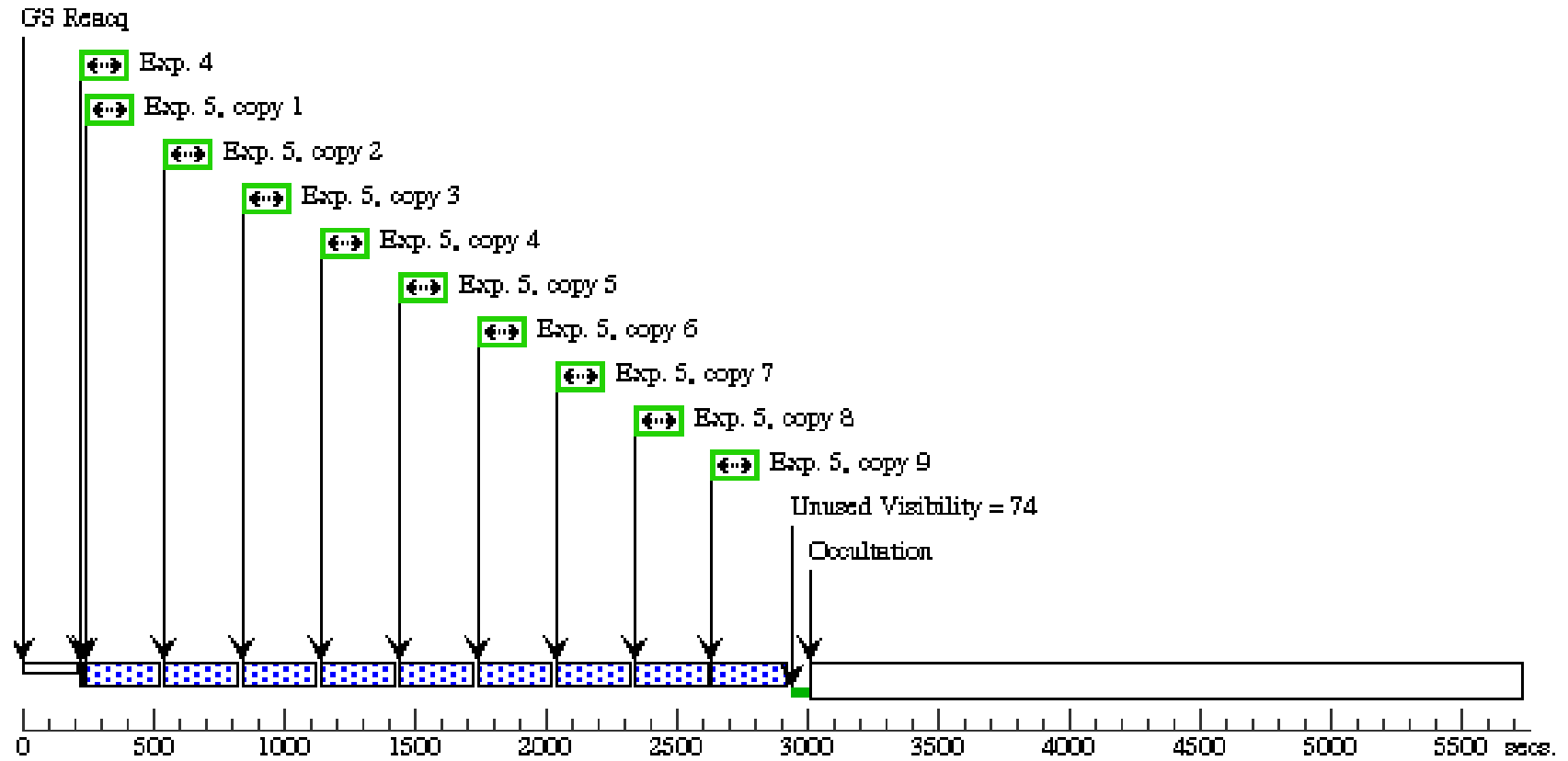
Proposal 12473 - Wasp-6 G430L (09) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp-6 G43 (5) WASP-6 0L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Wasp-6 G43 (5) WASP-6 0L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
9	Wasp-6 G43 (5) WASP-6 0L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	Wasp-6 G43 (5) WASP-6 0L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
11	Wasp-6 G43 (5) WASP-6 0L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>						



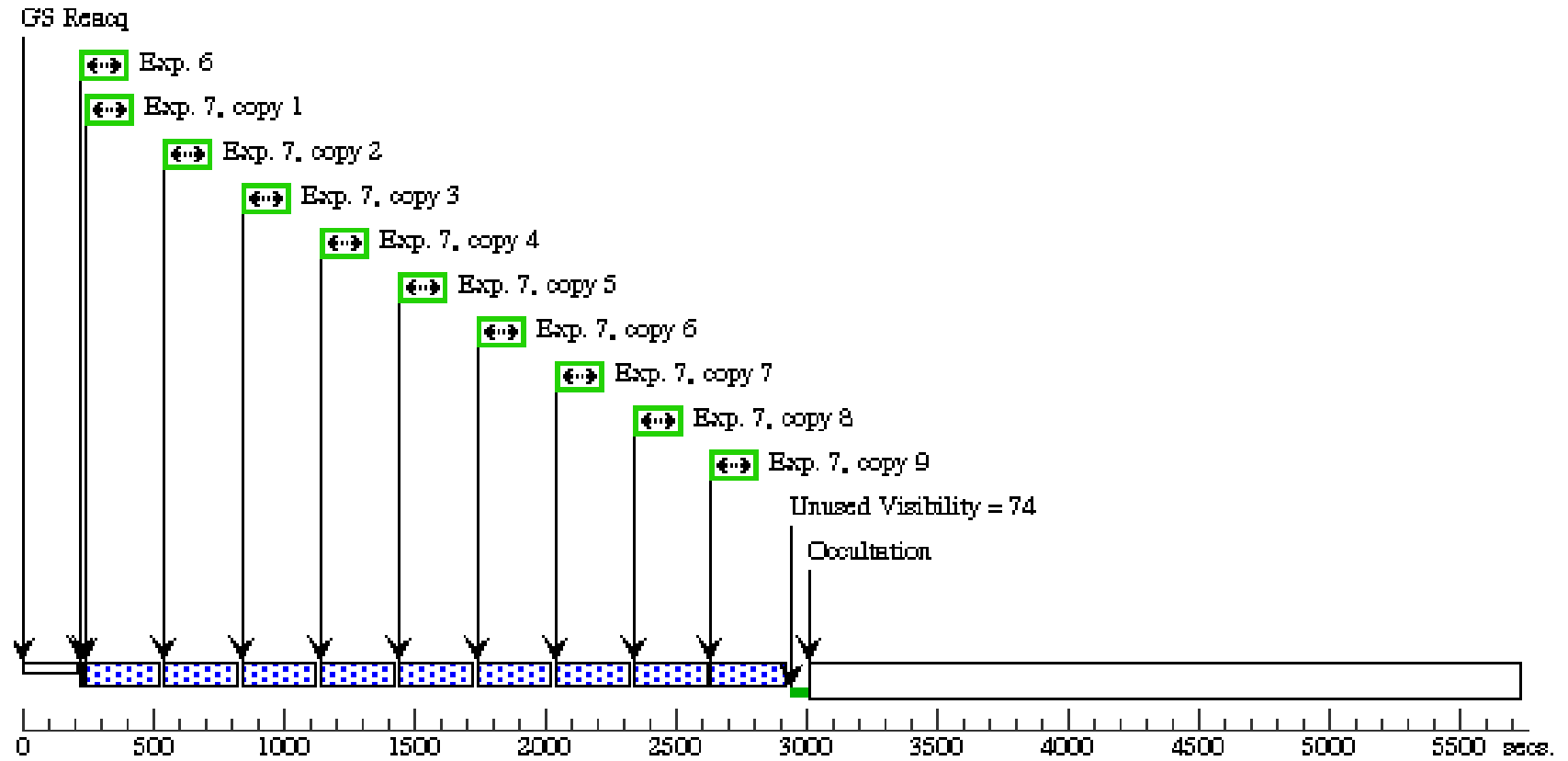
Orbit 2

Server Version: 20121031



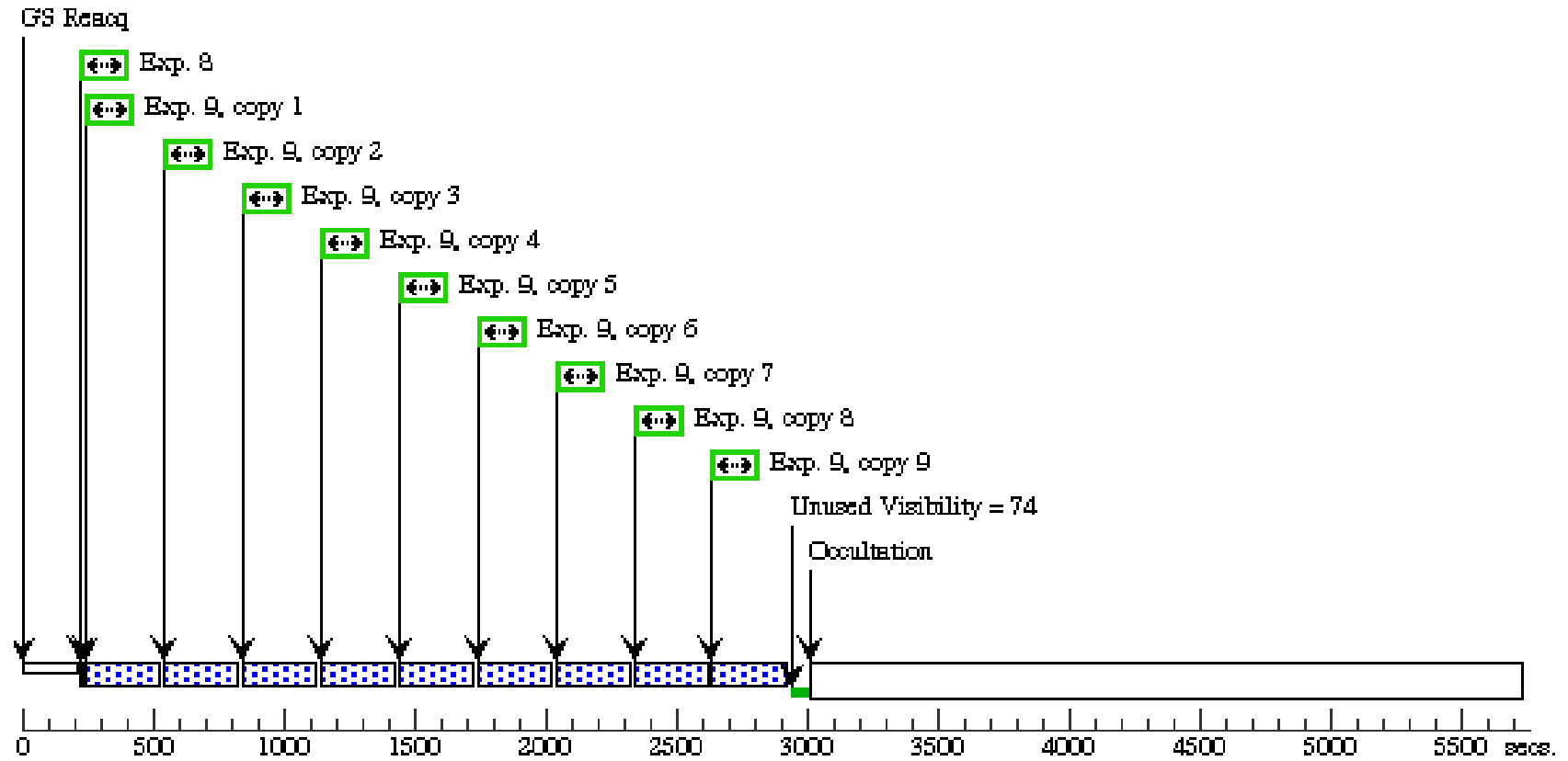
Orbit 3

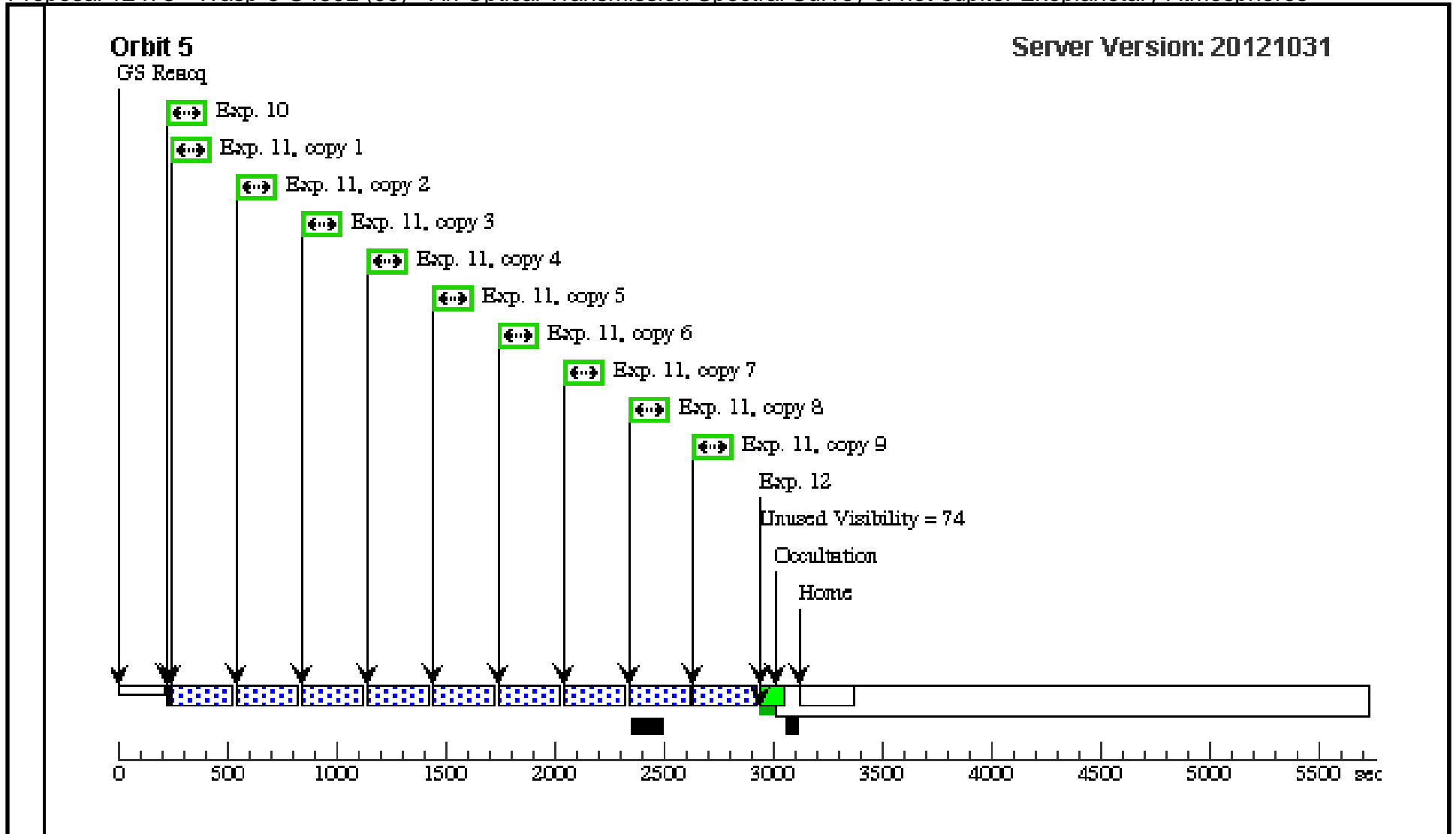
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-6 G430L x2 (10) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

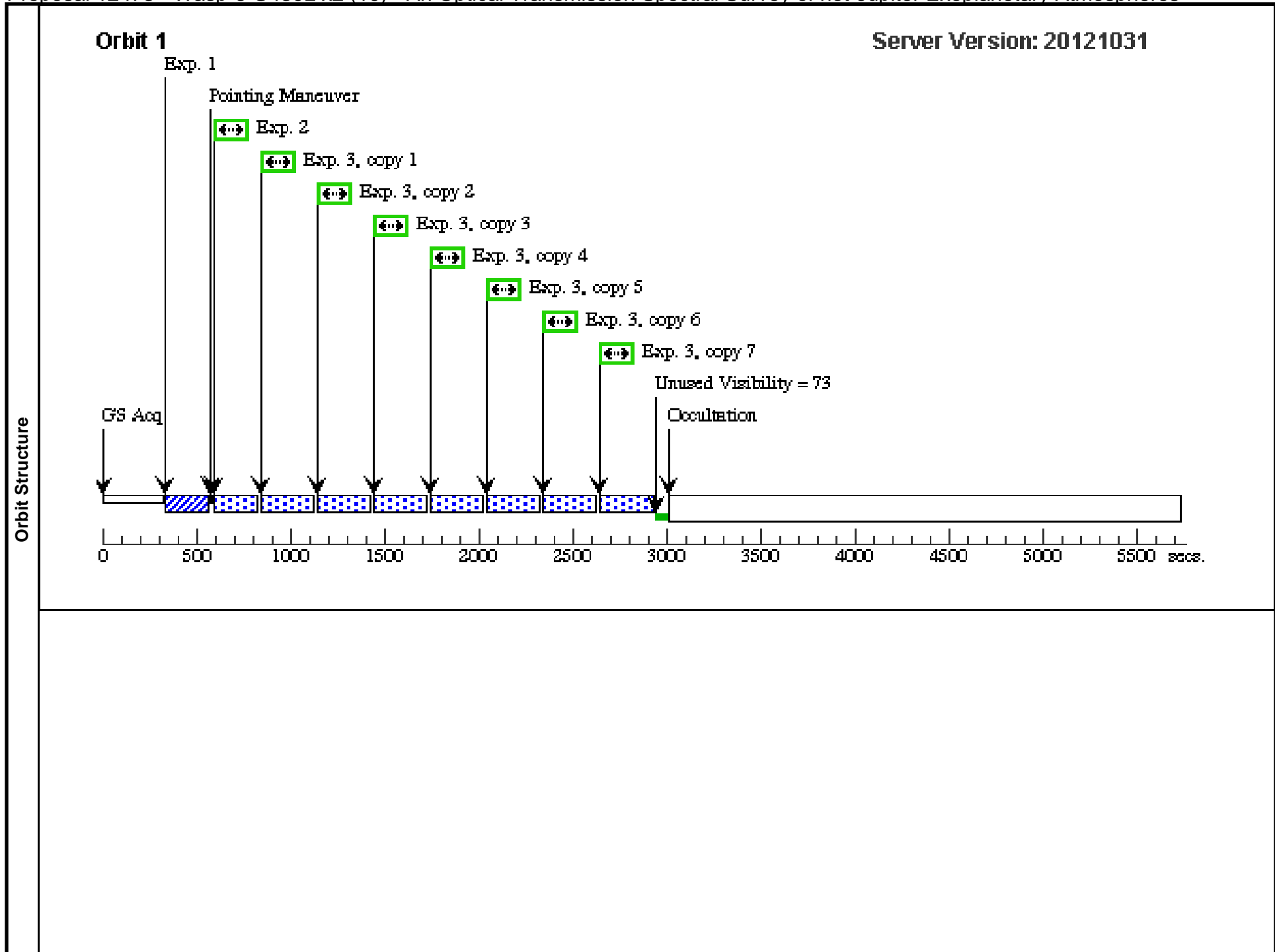
Visit	Proposal 12473, Wasp-6 G430L x2 (10), completed Thu Jan 17 02:29:11 GMT 2013 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; Period 3.3610060 D AND ZERO-PHASE HJD2454596.43267 Comments: Wasp6. G430L. Second of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	WASP-6	RA: 23 12 37.7390 (348.1572458d) Dec: -22 40 26.29 (-22.67397d) Equinox: J2000	Proper Motion RA: -21.9 mas/yr Proper Motion Dec: -34.5 mas/yr Epoch of Position: 2000.0	V=11.9	Reference Frame: ICRS

Proposal 12473 - Wasp-6 G430L x2 (10) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(5) WASP-6	STIS/CCD, ACQ, F28X50LP	MIRROR			1.1 Secs		
						PHASE 0.9435 TO 0.9473		[==>]	[1]	
	2	Wasp-6 G43 0L Orbit 1	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		118 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp-6 G43 0L Orbit 1	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 7		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]		
4	Wasp-6 G43 0L Orbit 2	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Wasp-6 G43 0L Orbit 2	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 9			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Wasp-6 G43 0L Orbit 3	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

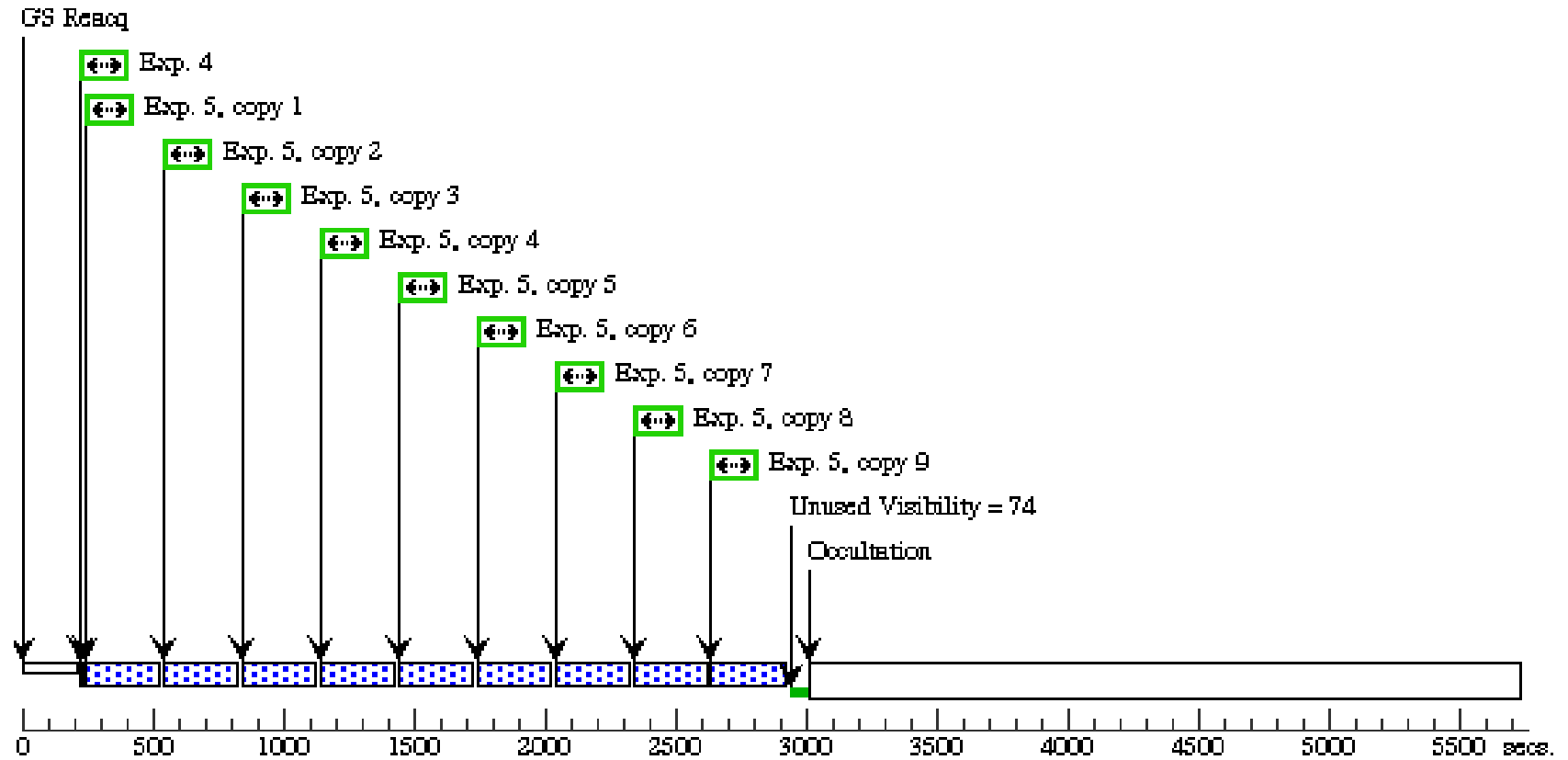
Proposal 12473 - Wasp-6 G430L x2 (10) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp-6 G43 (5) WASP-6 0L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Wasp-6 G43 (5) WASP-6 0L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
9	Wasp-6 G43 (5) WASP-6 0L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	Wasp-6 G43 (5) WASP-6 0L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
11	Wasp-6 G43 (5) WASP-6 0L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>						



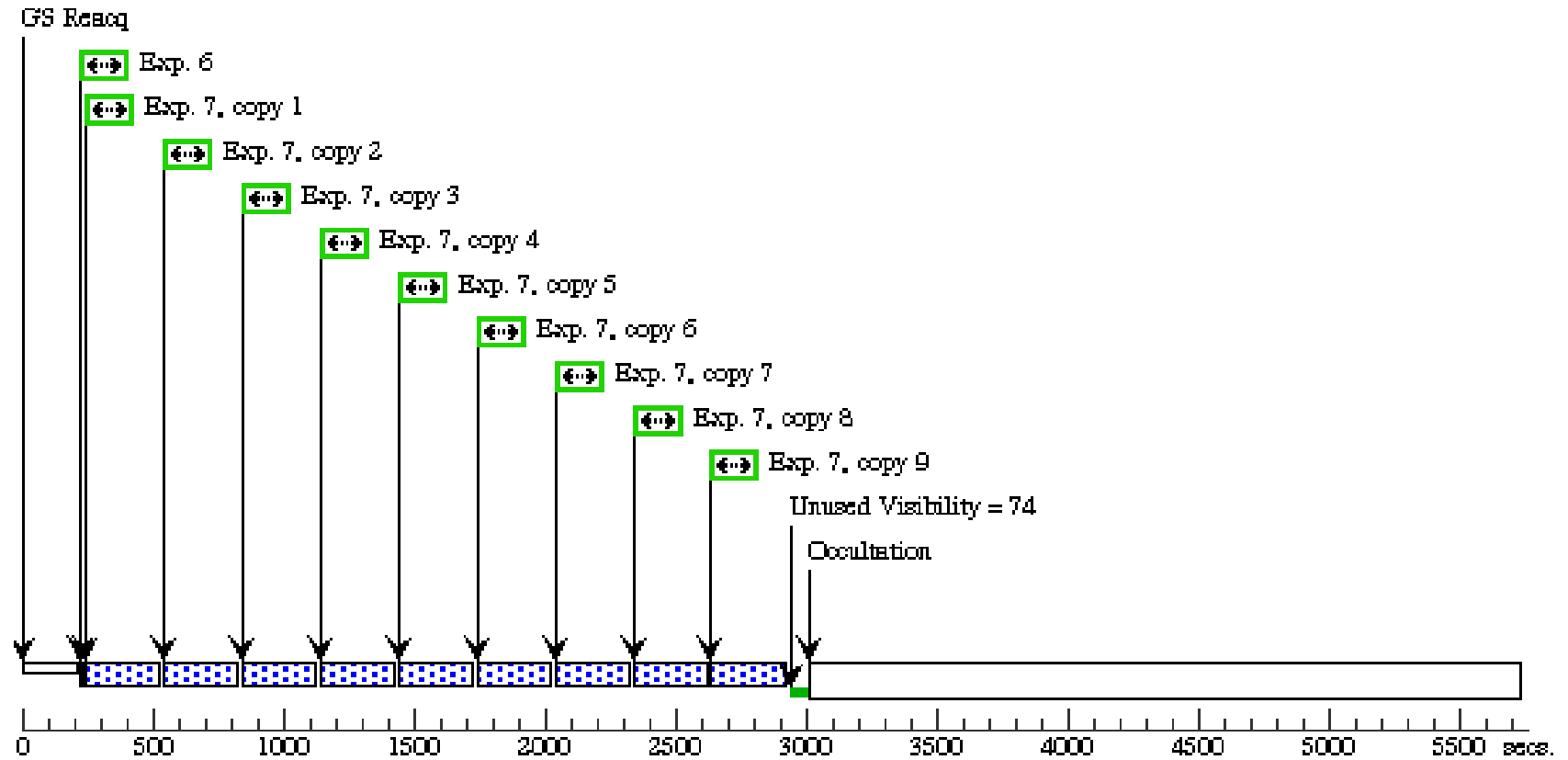
Orbit 2

Server Version: 20121031



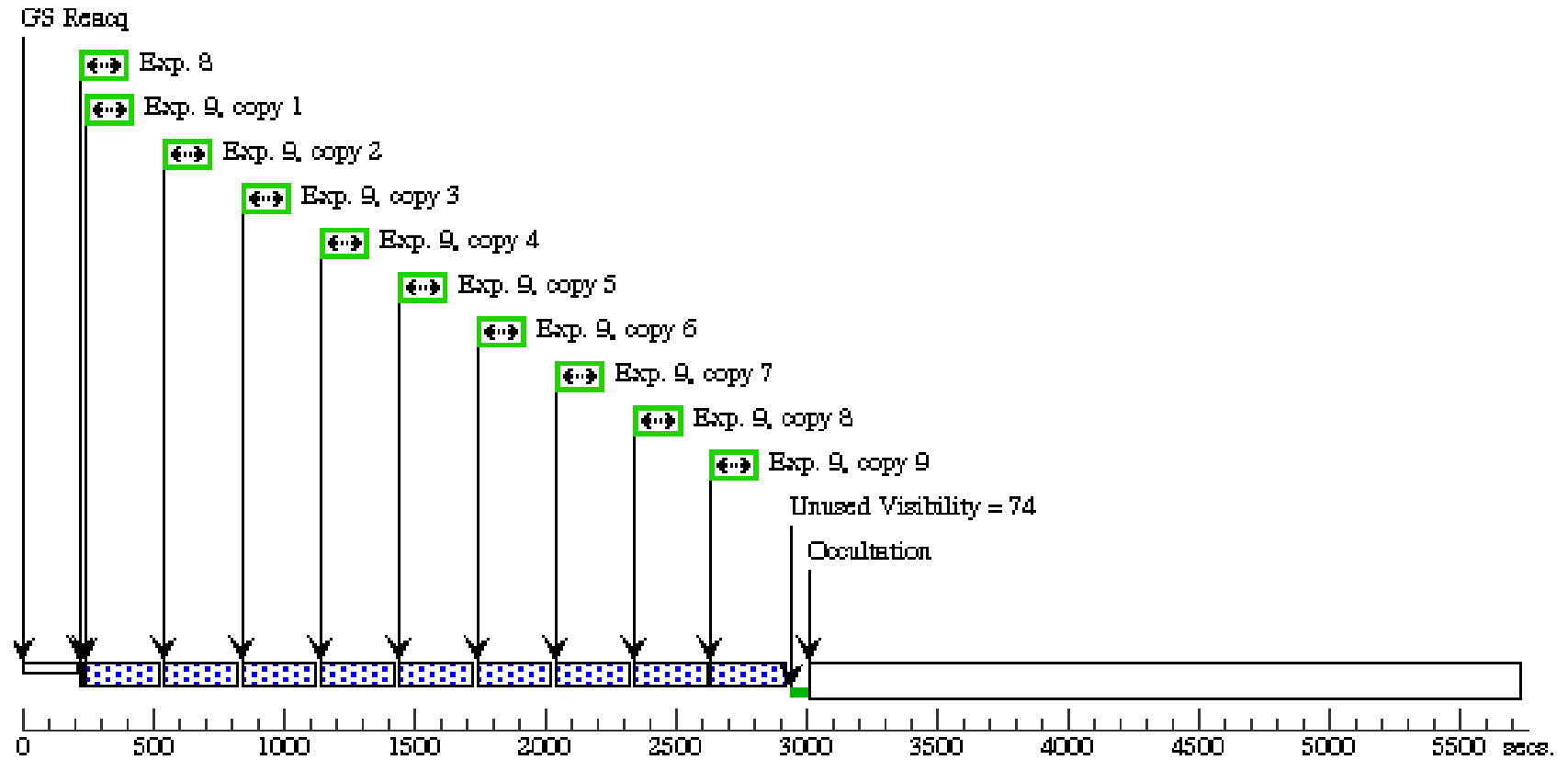
Orbit 3

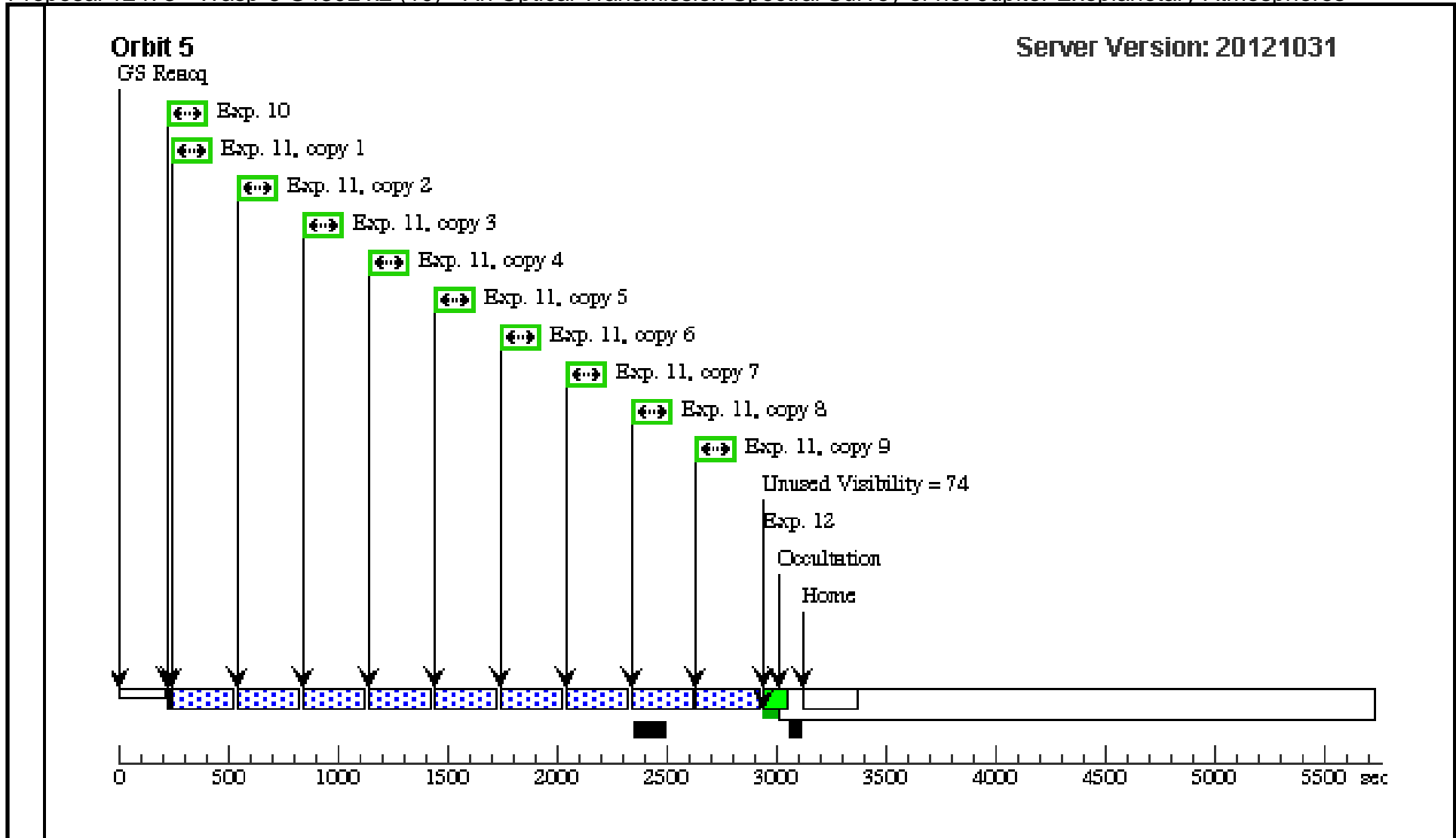
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Hat-12 G430L (11) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

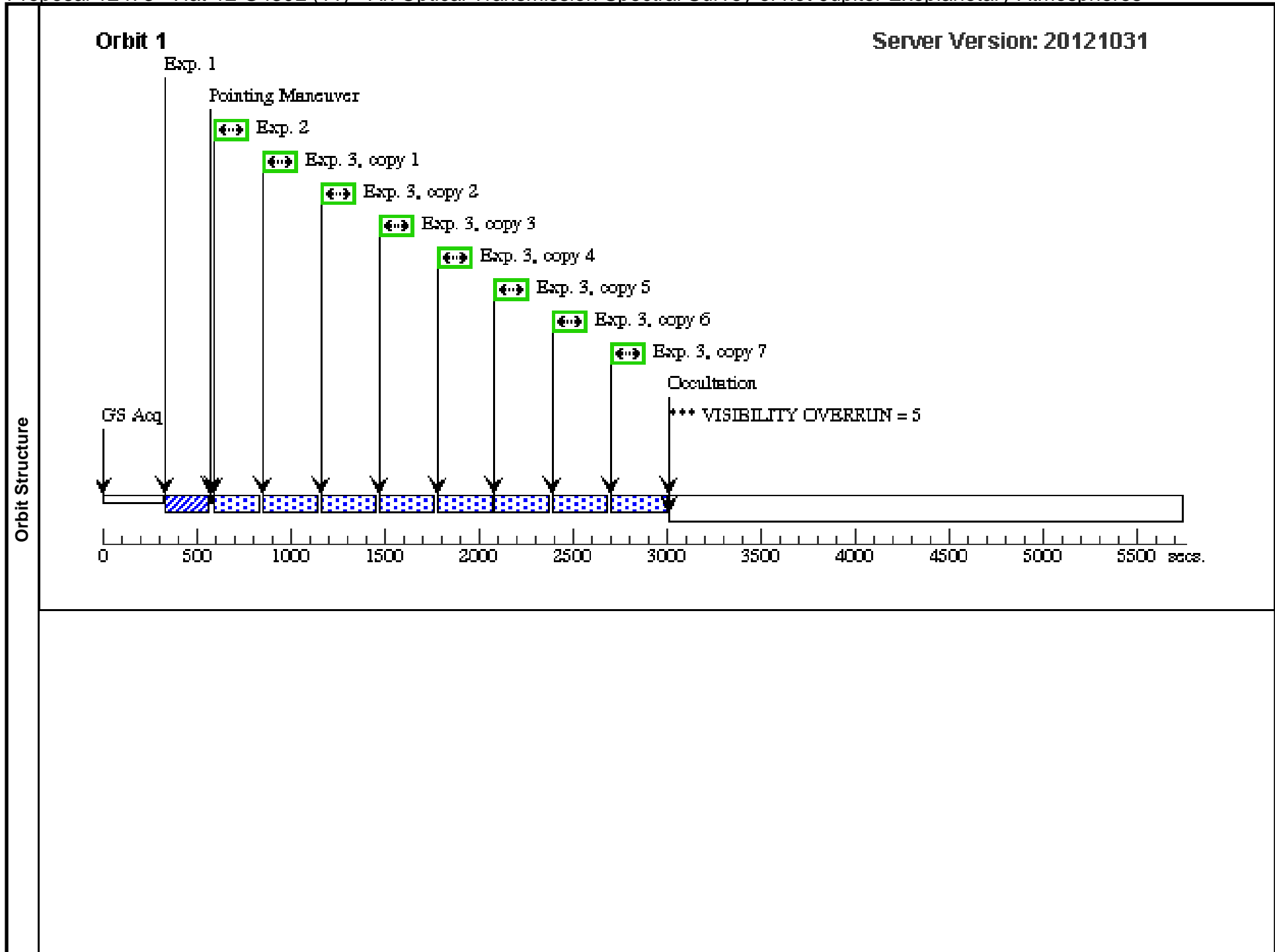
Visit	Proposal 12473, Hat-12 G430L (11), completed Thu Jan 17 02:29:15 GMT 2013 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; Period 3.21305961 D AND ZERO-PHASE HJD2454187.85560 <i>Comments: Hat12. G430L. First of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i>																
	Diagnosics (Hat-12 G430L (11)) Warning (Orbit Planner): VISIBILITY OVERRUN (Hat-12 G430L (11)) Warning (Orbit Planner): VISIBILITY OVERRUN (Hat-12 G430L (11)) Warning (Orbit Planner): VISIBILITY OVERRUN (Hat-12 G430L (11)) Warning (Orbit Planner): VISIBILITY OVERRUN																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>HAT-P-12</td> <td>RA: 13 57 33.4800 (209.3895000d) Dec: +43 29 36.70 (43.49353d) Equinox: J2000</td> <td>Proper Motion RA: -132 mas/yr Proper Motion Dec: -38 mas/yr Epoch of Position: 2000.0</td> <td>V=12.84</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	HAT-P-12	RA: 13 57 33.4800 (209.3895000d) Dec: +43 29 36.70 (43.49353d) Equinox: J2000	Proper Motion RA: -132 mas/yr Proper Motion Dec: -38 mas/yr Epoch of Position: 2000.0	V=12.84	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(6)	HAT-P-12	RA: 13 57 33.4800 (209.3895000d) Dec: +43 29 36.70 (43.49353d) Equinox: J2000	Proper Motion RA: -132 mas/yr Proper Motion Dec: -38 mas/yr Epoch of Position: 2000.0	V=12.84	Reference Frame: ICRS												

Proposal 12473 - Hat-12 G430L (11) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(6) HAT-P-12	STIS/CCD, ACQ, F28X50LP	MIRROR			1.3 Secs		
						PHASE 0.9507 TO 0.9556		[==>]	[1]	
	2	Hat-12 G43 0L Orbit 1	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		128 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Hat-12 G43 0L Orbit 1	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		287 Secs X 7		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]		
4	Hat-12 G43 0L Orbit 2	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Hat-12 G43 0L Orbit 2	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		287 Secs X 9			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Hat-12 G43 0L Orbit 3	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

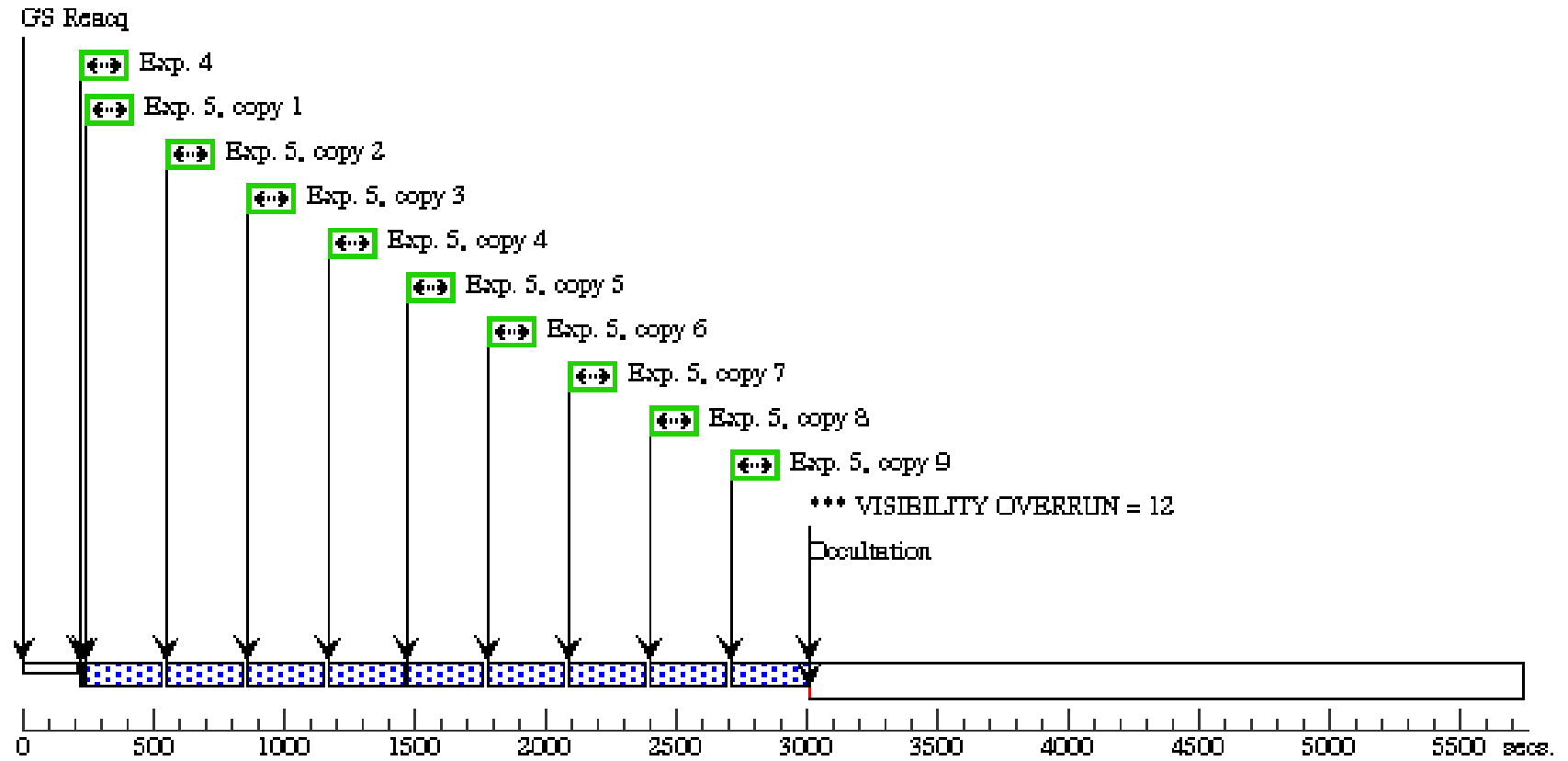
Proposal 12473 - Hat-12 G430L (11) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Hat-12 G43 0L Orbit 3	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	287 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Hat-12 G43 0L Orbit 4	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Hat-12 G43 0L Orbit 4	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	287 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							



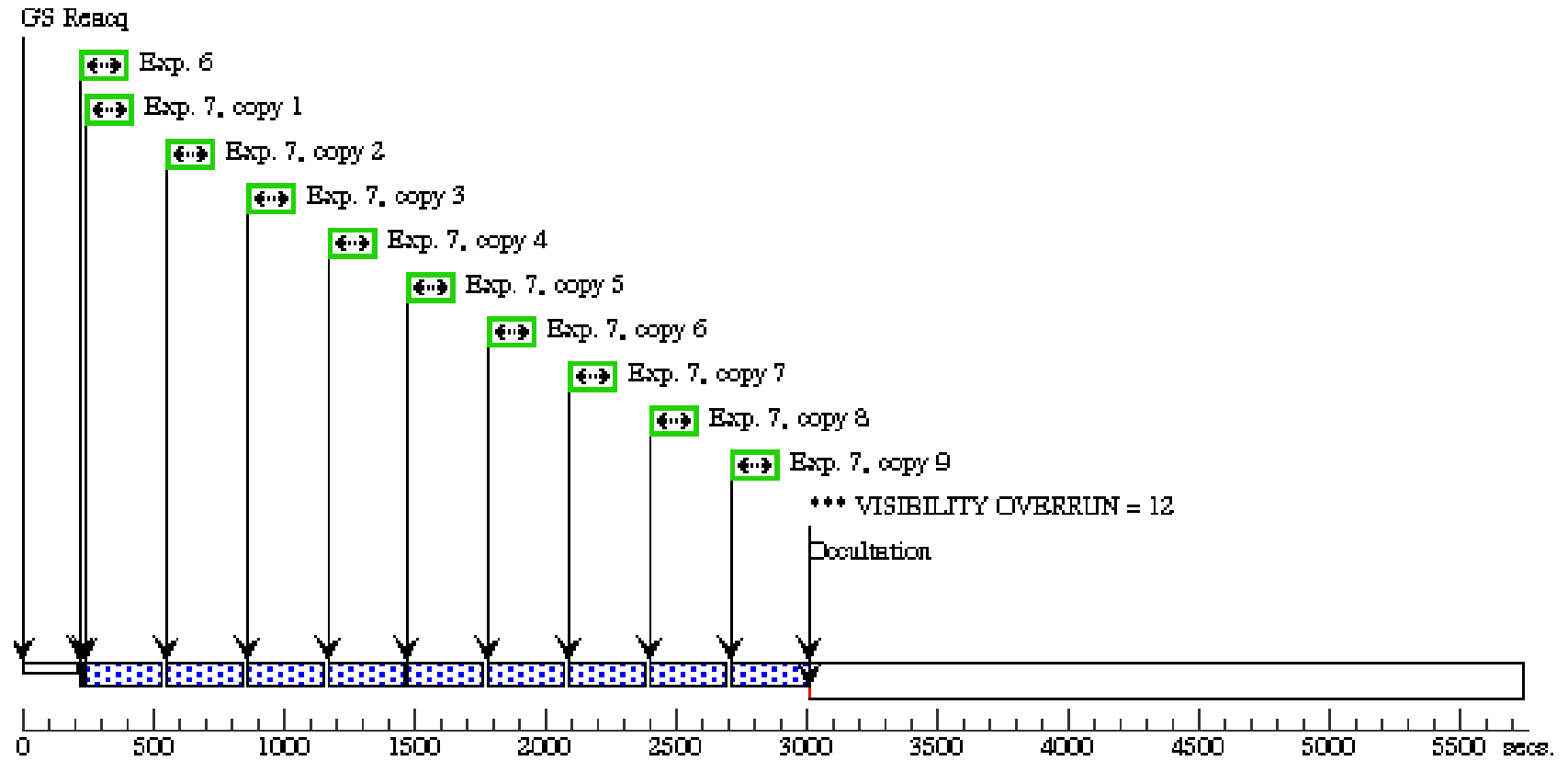
Orbit 2

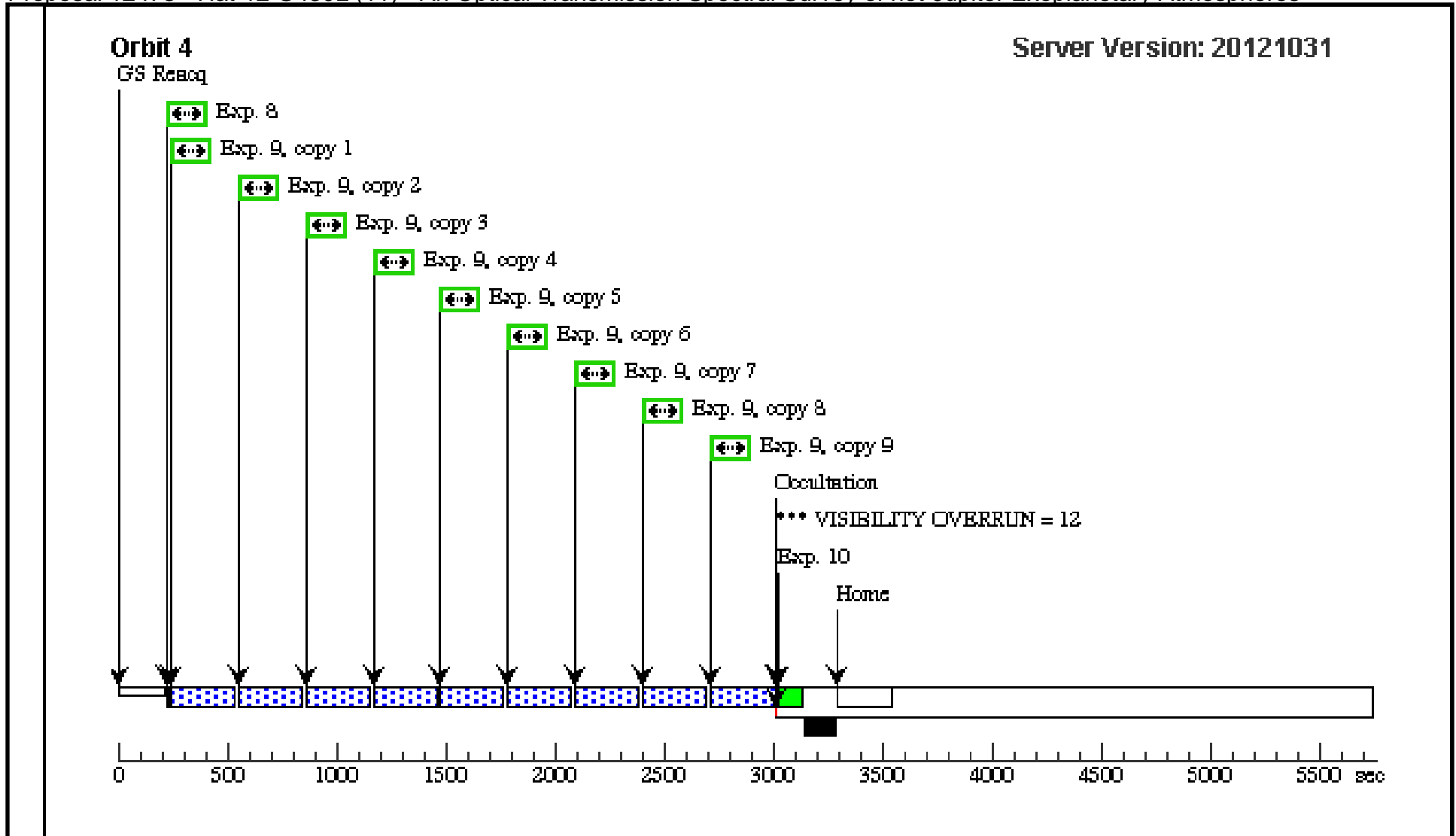
Server Version: 20121031



Orbit 3

Server Version: 20121031





Proposal 12473 - Hat-12 G430L x2 (12) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

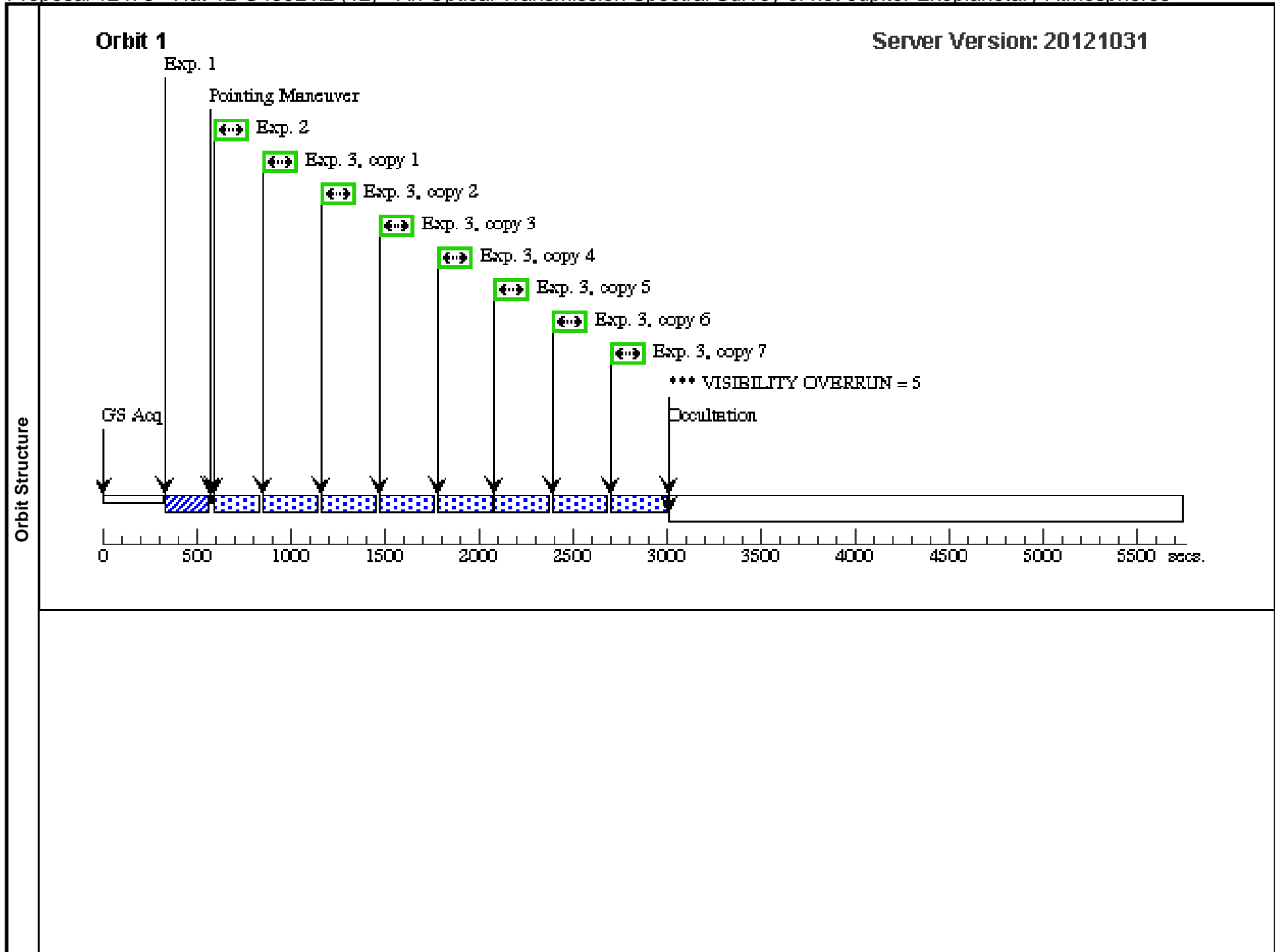
Visit	Proposal 12473, Hat-12 G430L x2 (12), completed Thu Jan 17 02:29:20 GMT 2013 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; Period 3.21305961 D AND ZERO-PHASE HJD2454187.85560 <i>Comments: Hat12. G430L. Second of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i>					
	Diagnostics	(Hat-12 G430L x2 (12)) Warning (Orbit Planner): VISIBILITY OVERRUN				
(Hat-12 G430L x2 (12)) Warning (Orbit Planner): VISIBILITY OVERRUN						
(Hat-12 G430L x2 (12)) Warning (Orbit Planner): VISIBILITY OVERRUN						
(Hat-12 G430L x2 (12)) Warning (Orbit Planner): VISIBILITY OVERRUN						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	HAT-P-12	RA: 13 57 33.4800 (209.3895000d) Dec: +43 29 36.70 (43.49353d) Equinox: J2000	Proper Motion RA: -132 mas/yr Proper Motion Dec: -38 mas/yr Epoch of Position: 2000.0	V=12.84	Reference Frame: ICRS

Proposal 12473 - Hat-12 G430L x2 (12) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(6) HAT-P-12	STIS/CCD, ACQ, F28X50LP	MIRROR			1.3 Secs		
						PHASE 0.9507 TO 0.9556		[==>]	[1]	
	2	Hat-12 G43 0L Orbit 1	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		128 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Hat-12 G43 0L Orbit 1	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		287 Secs X 7		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]		
4	Hat-12 G43 0L Orbit 2	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Hat-12 G43 0L Orbit 2	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		287 Secs X 9			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Hat-12 G43 0L Orbit 3	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

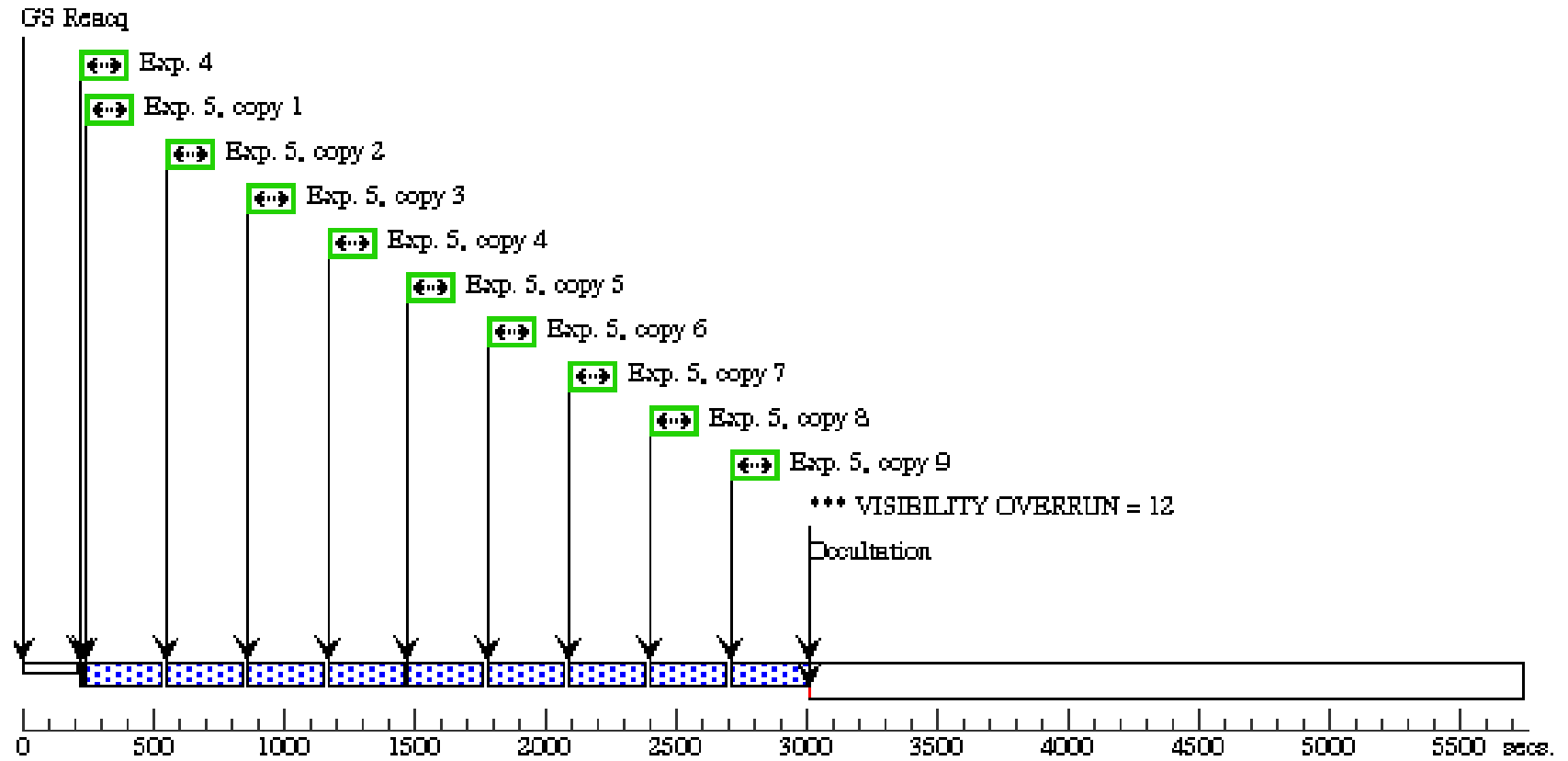
Proposal 12473 - Hat-12 G430L x2 (12) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Hat-12 G43 0L Orbit 3	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	287 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Hat-12 G43 0L Orbit 4	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Hat-12 G43 0L Orbit 4	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	287 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							



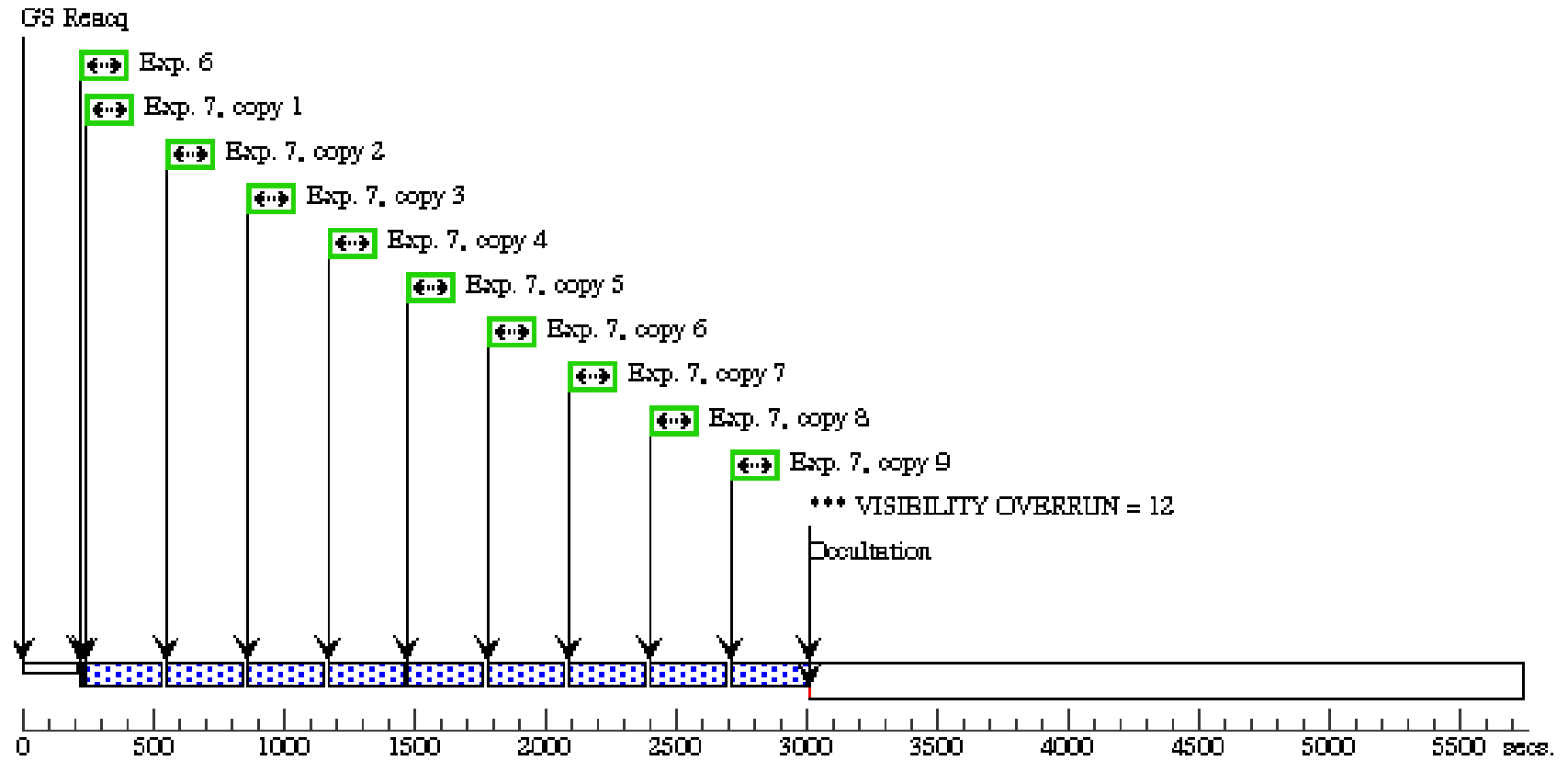
Orbit 2

Server Version: 20121031



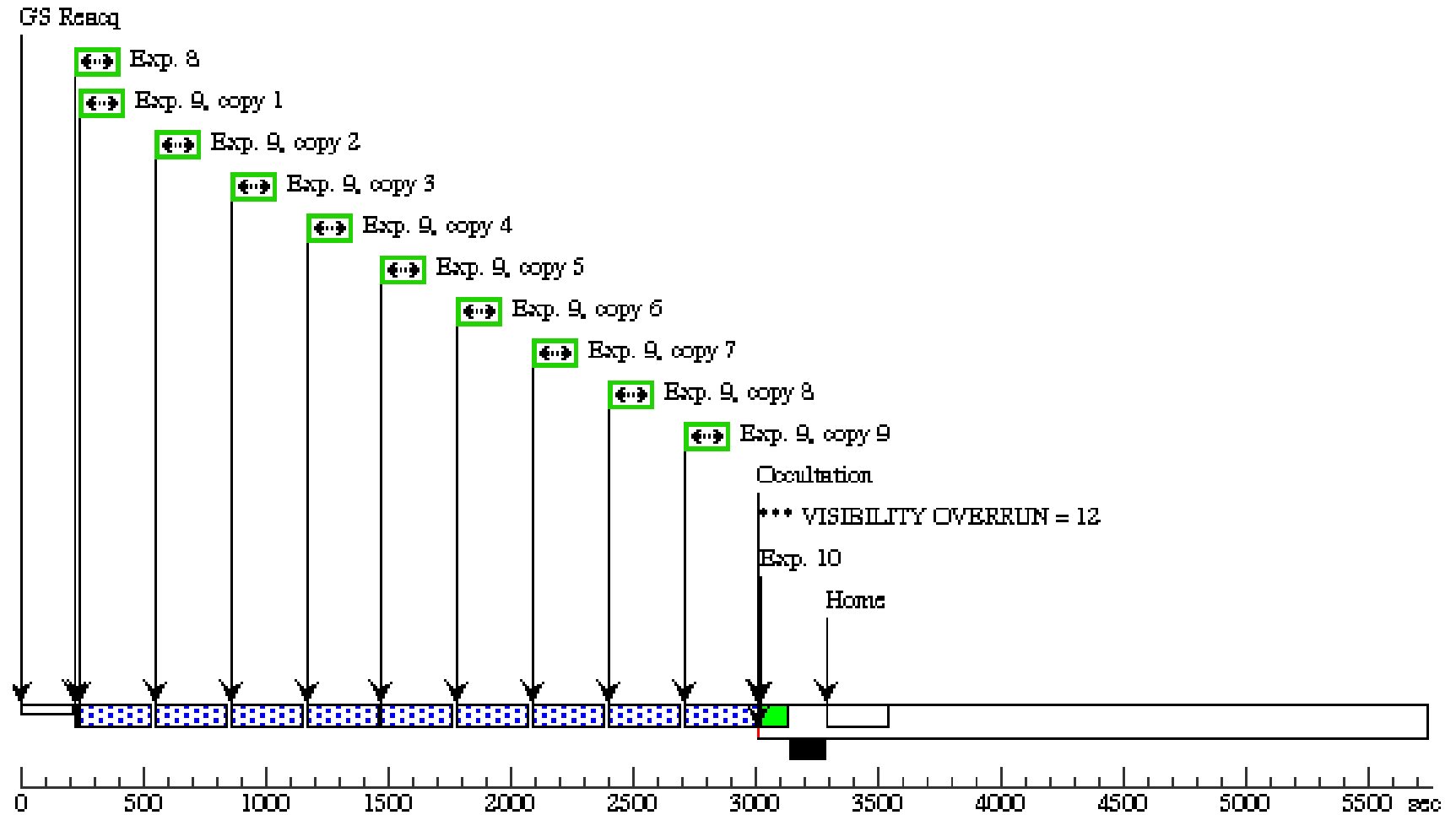
Orbit 3

Server Version: 20121031



Orbit 4

Server Version: 20121031



Proposal 12473 - Wasp-39 G430L (13) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

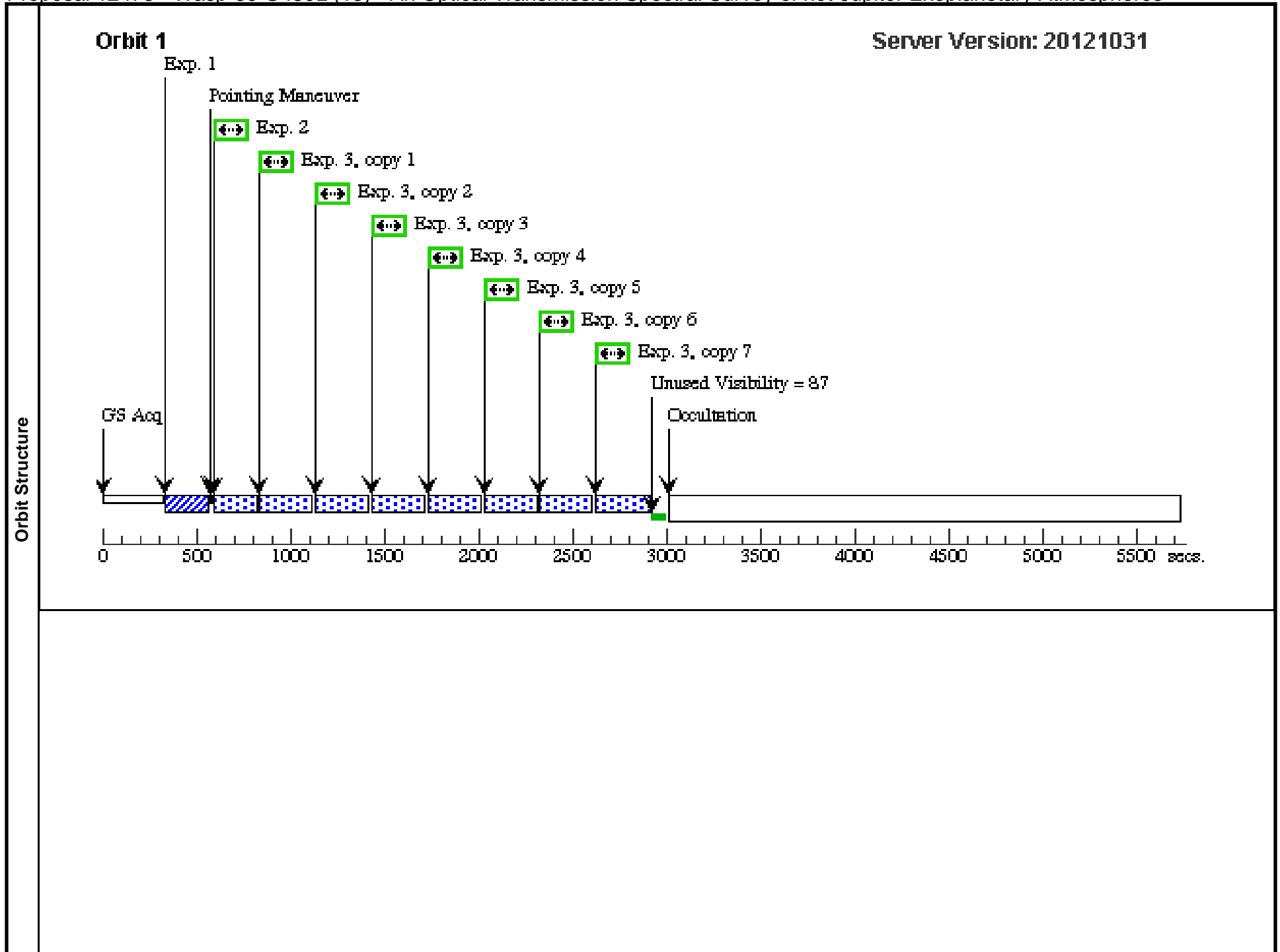
Visit	Proposal 12473, Wasp-39 G430L (13), scheduling Thu Jan 17 02:29:25 GMT 2013 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; Period 4.055259 D AND ZERO-PHASE HJD2455342.9688 <i>Comments: Wasp39. G430L. First of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i>												
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(7)</td> <td>WASP-39</td> <td> RA: 14 29 18.4080 (217.3267000d) Dec: -03 26 40.17 (-3.44449d) Equinox: J2000 </td> <td> Proper Motion RA: -12.3 mas/yr Proper Motion Dec: 2.8 mas/yr Epoch of Position: 2000 </td> <td>V=12.09</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(7)	WASP-39	RA: 14 29 18.4080 (217.3267000d) Dec: -03 26 40.17 (-3.44449d) Equinox: J2000	Proper Motion RA: -12.3 mas/yr Proper Motion Dec: 2.8 mas/yr Epoch of Position: 2000	V=12.09
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(7)	WASP-39	RA: 14 29 18.4080 (217.3267000d) Dec: -03 26 40.17 (-3.44449d) Equinox: J2000	Proper Motion RA: -12.3 mas/yr Proper Motion Dec: 2.8 mas/yr Epoch of Position: 2000	V=12.09	Reference Frame: ICRS								

Proposal 12473 - Wasp-39 G430L (13) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(7) WASP-39	STIS/CCD, ACQ, F28X50LP	MIRROR	PHASE 0.9510 TO 0.9566; GS ACQ SCENARIO BASE1B3		0.8 Secs [==>]	[1]	
	2	Wasp-39 G4 30L Orbit 1	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		113 Secs [==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp-39 G4 30L Orbit 1	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		277 Secs X 7 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]	
	4	Wasp-39 G4 30L Orbit 2	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[2]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
5	Wasp-39 G4 30L Orbit 2	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Wasp-39 G4 30L Orbit 3	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

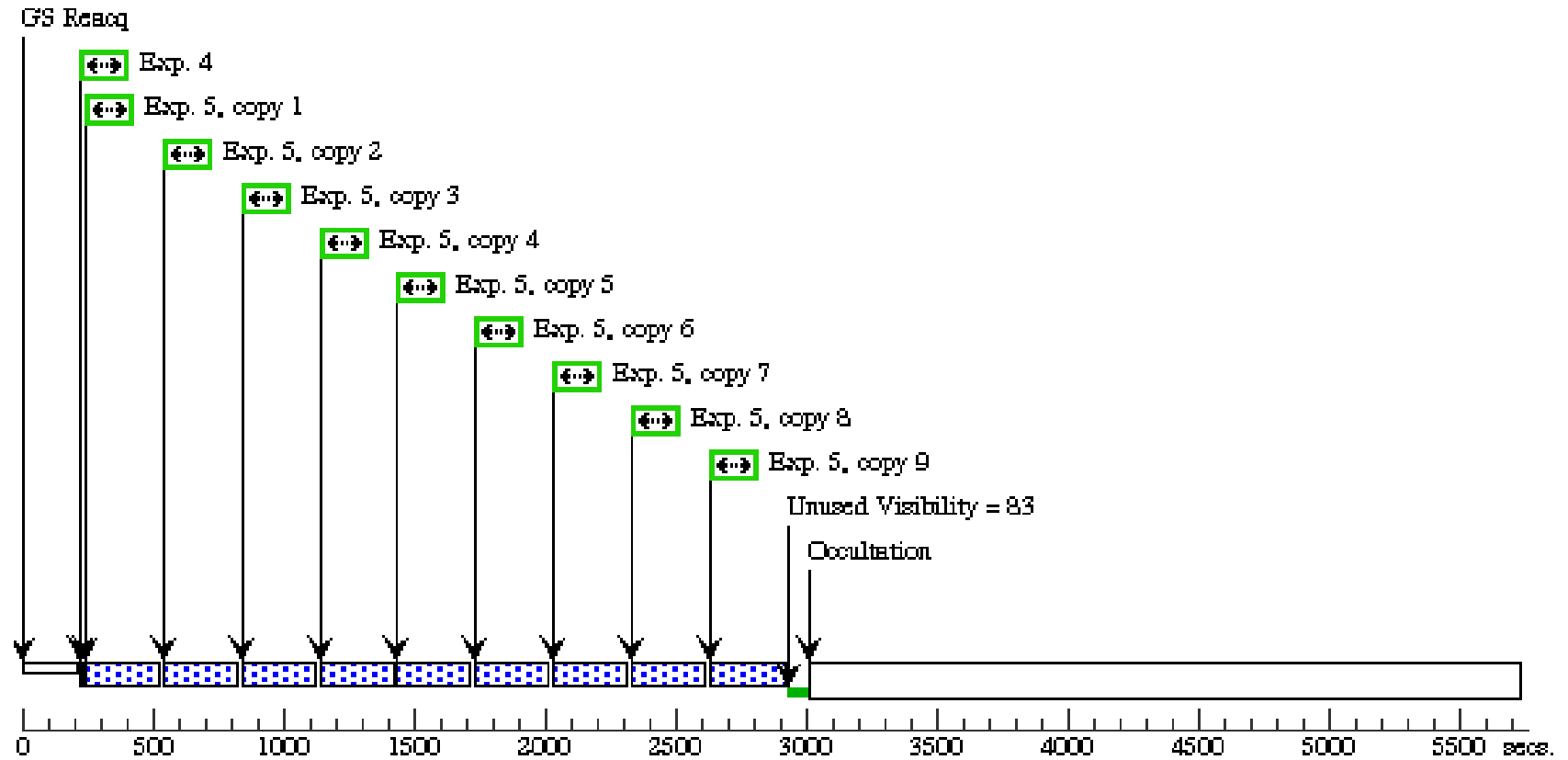
Proposal 12473 - Wasp-39 G430L (13) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp-39 G4 30L Orbit 3	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Wasp-39 G4 30L Orbit 4	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Wasp-39 G4 30L Orbit 4	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	Wasp-39 G4 30L Orbit 5	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	Wasp-39 G4 30L Orbit 5	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							



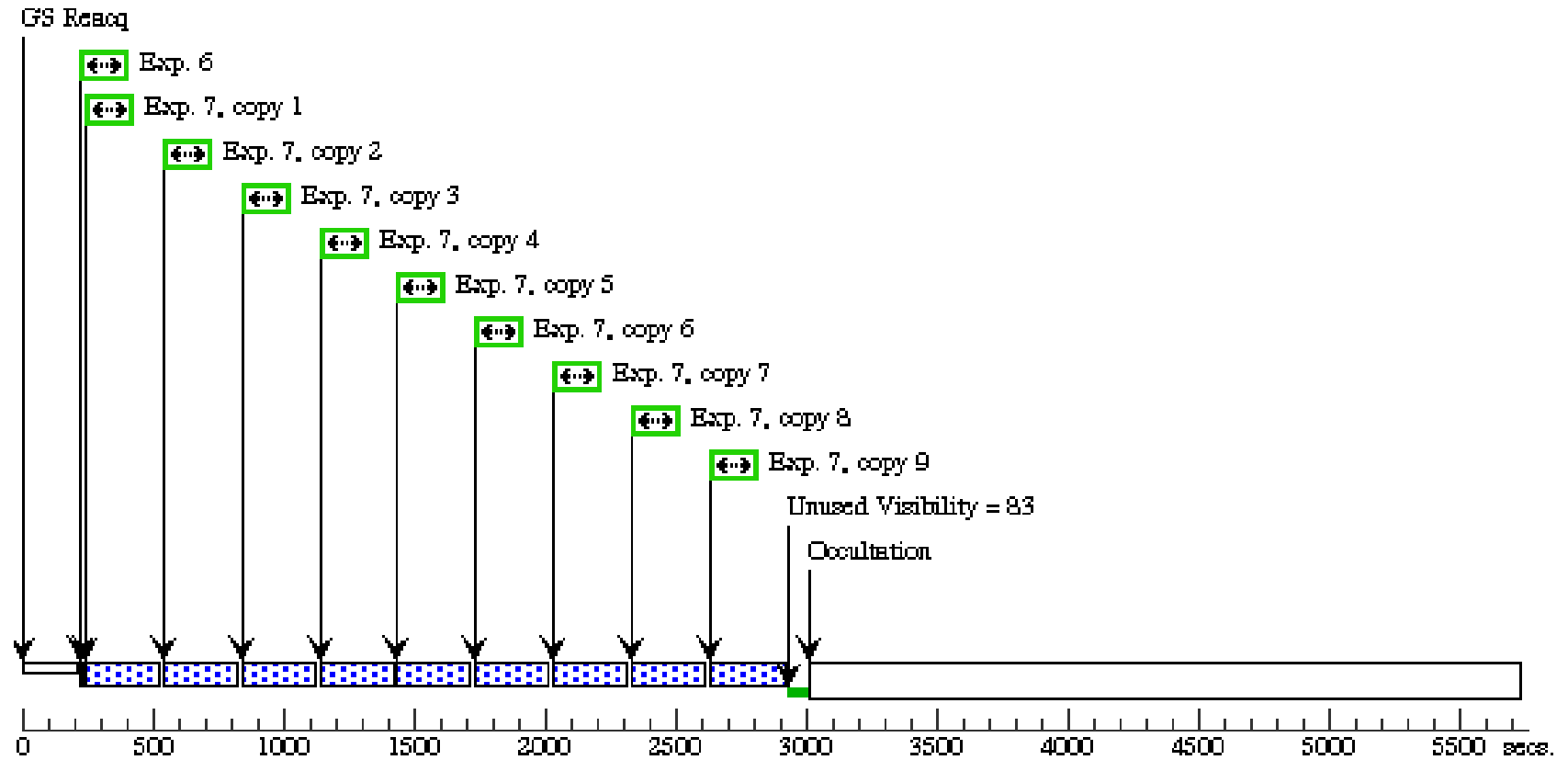
Orbit 2

Server Version: 20121031



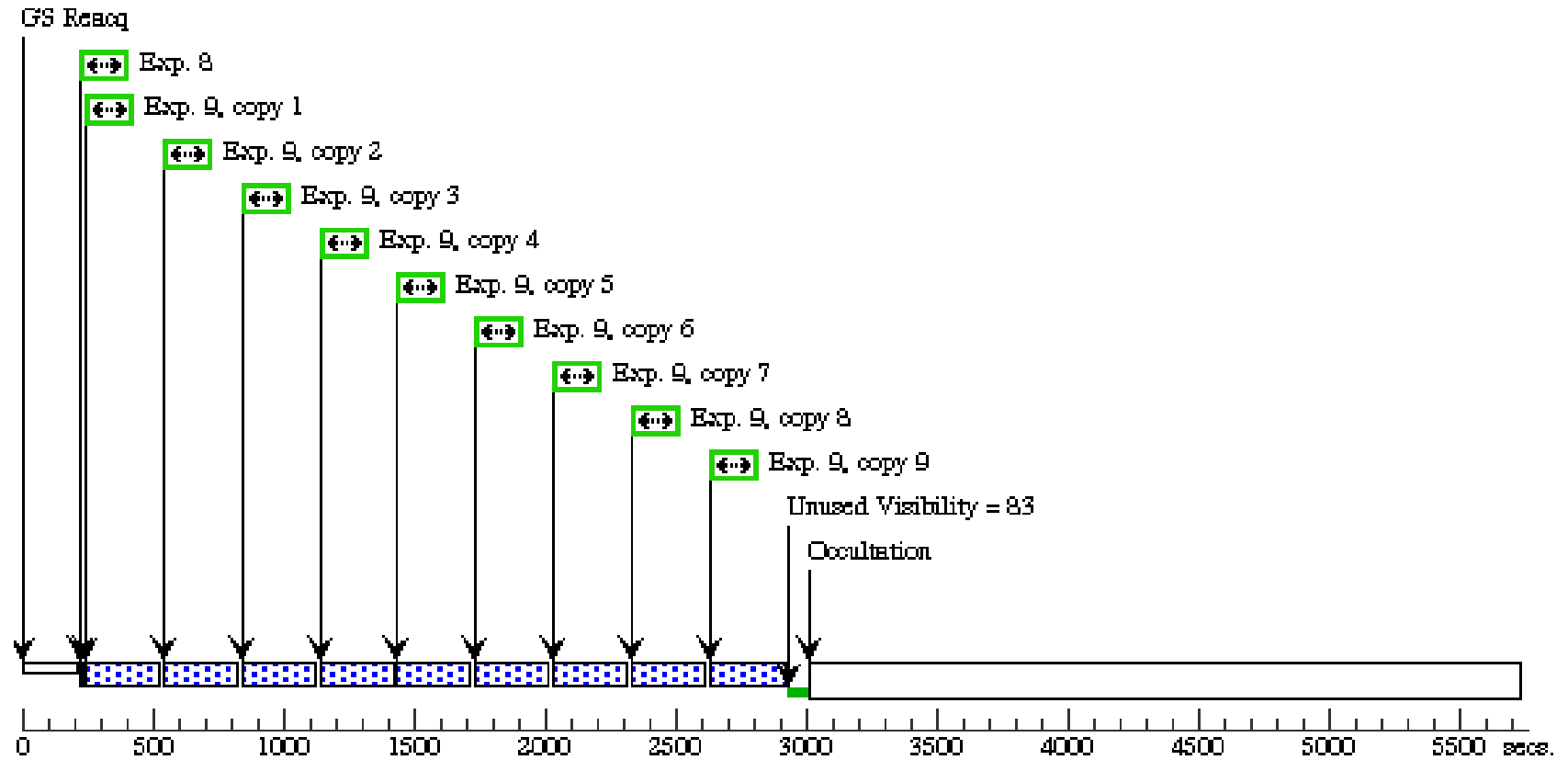
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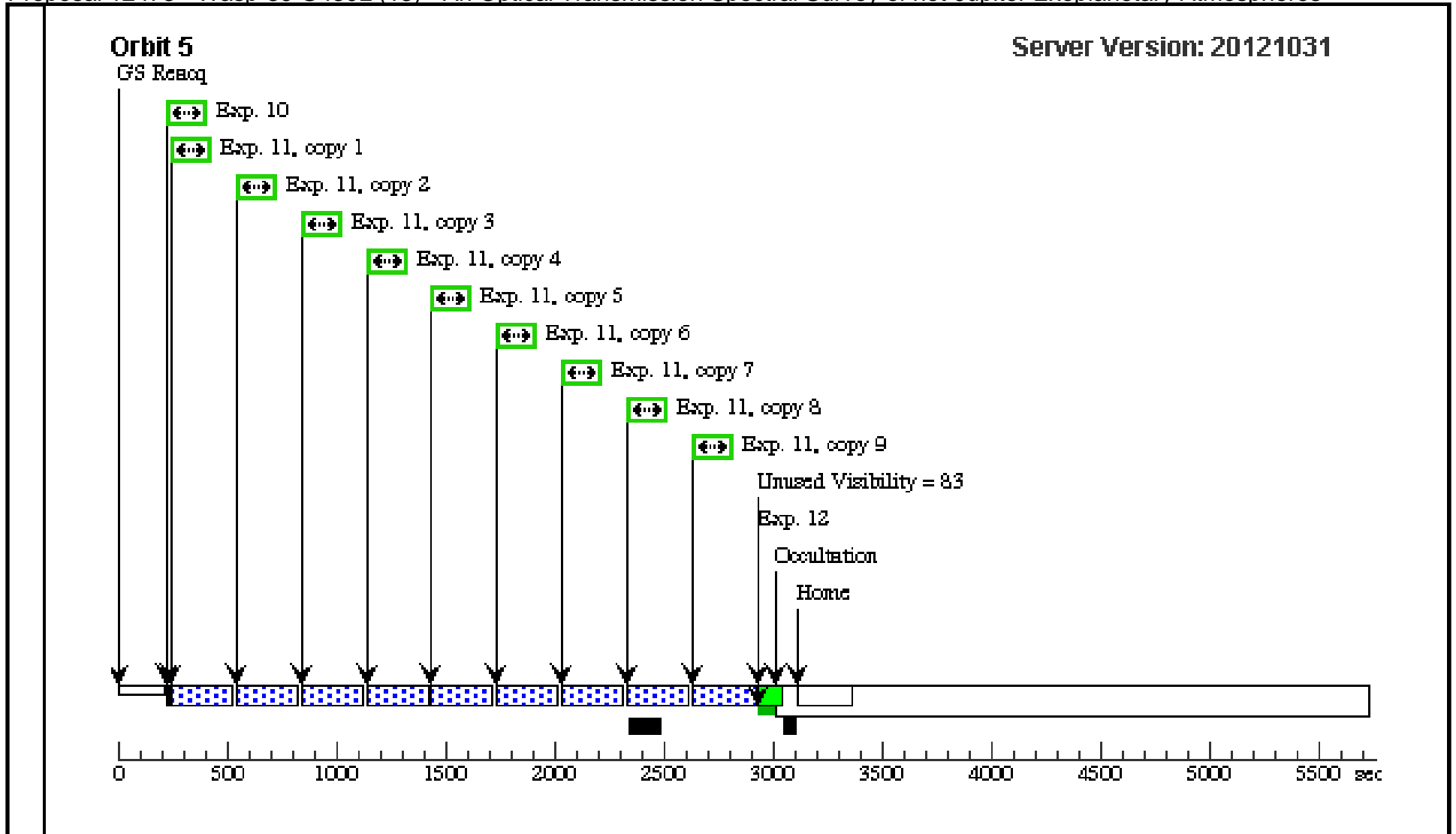
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Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-39 G430L x2 (14) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

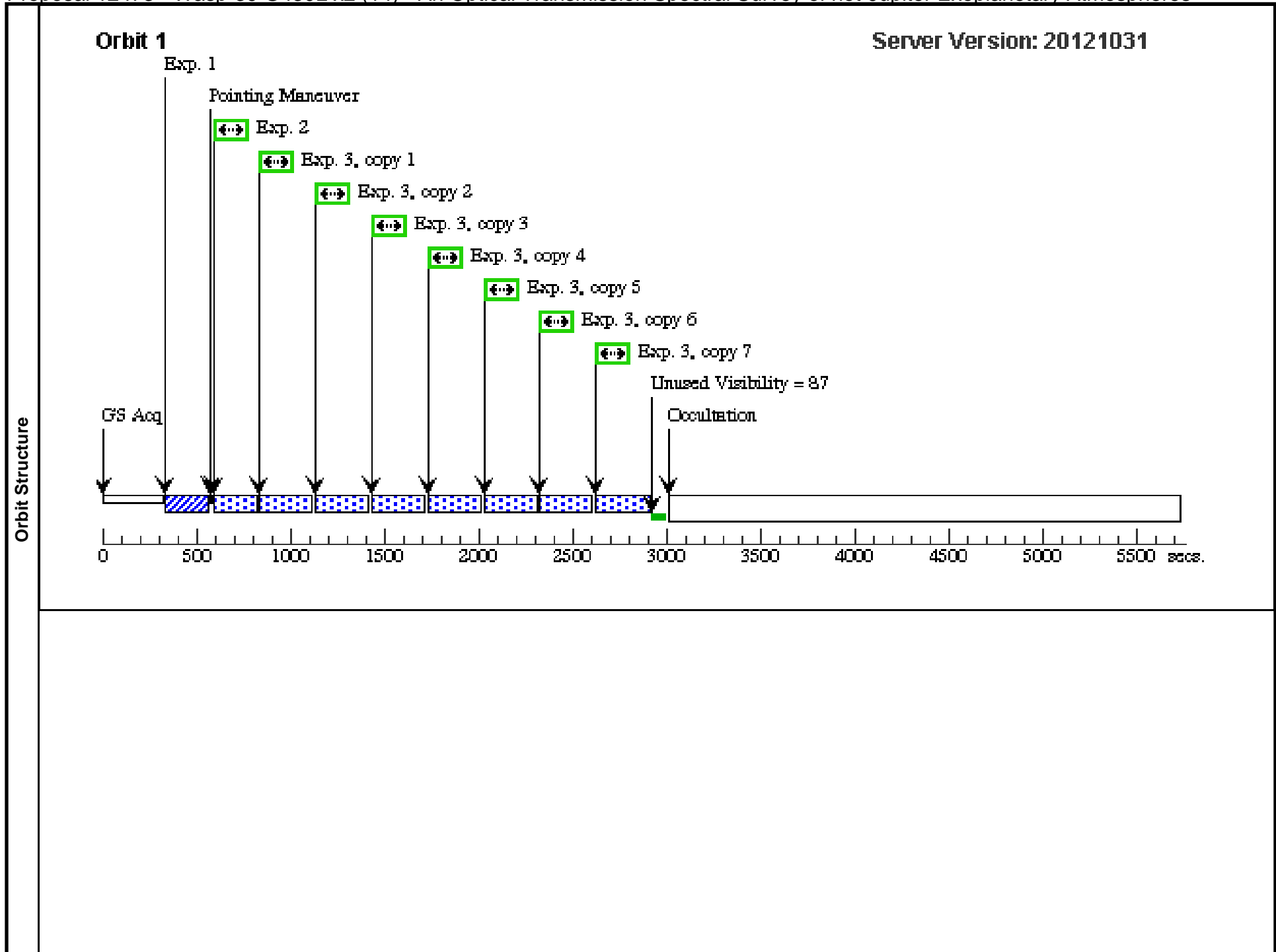
Visit	Proposal 12473, Wasp-39 G430L x2 (14), scheduling Thu Jan 17 02:29:30 GMT 2013 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; Period 4.055259 D AND ZERO-PHASE HJD2455342.9688 <i>Comments: Wasp39. G430L. Second of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	WASP-39	RA: 14 29 18.4080 (217.3267000d) Dec: -03 26 40.17 (-3.44449d) Equinox: J2000	Proper Motion RA: -12.3 mas/yr Proper Motion Dec: 2.8 mas/yr Epoch of Position: 2000	V=12.09	Reference Frame: ICRS

Proposal 12473 - Wasp-39 G430L x2 (14) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(7) WASP-39	STIS/CCD, ACQ, F28X50LP	MIRROR	PHASE 0.9500 TO 0.9566; GS ACQ SCENARI O BASE1B3		0.8 Secs [==>]	[1]	
	2	Wasp-39 G4 30L Orbit 1	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		113 Secs [==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp-39 G4 30L Orbit 1	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		277 Secs X 7 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]	
	4	Wasp-39 G4 30L Orbit 2	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[2]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
5	Wasp-39 G4 30L Orbit 2	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Wasp-39 G4 30L Orbit 3	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

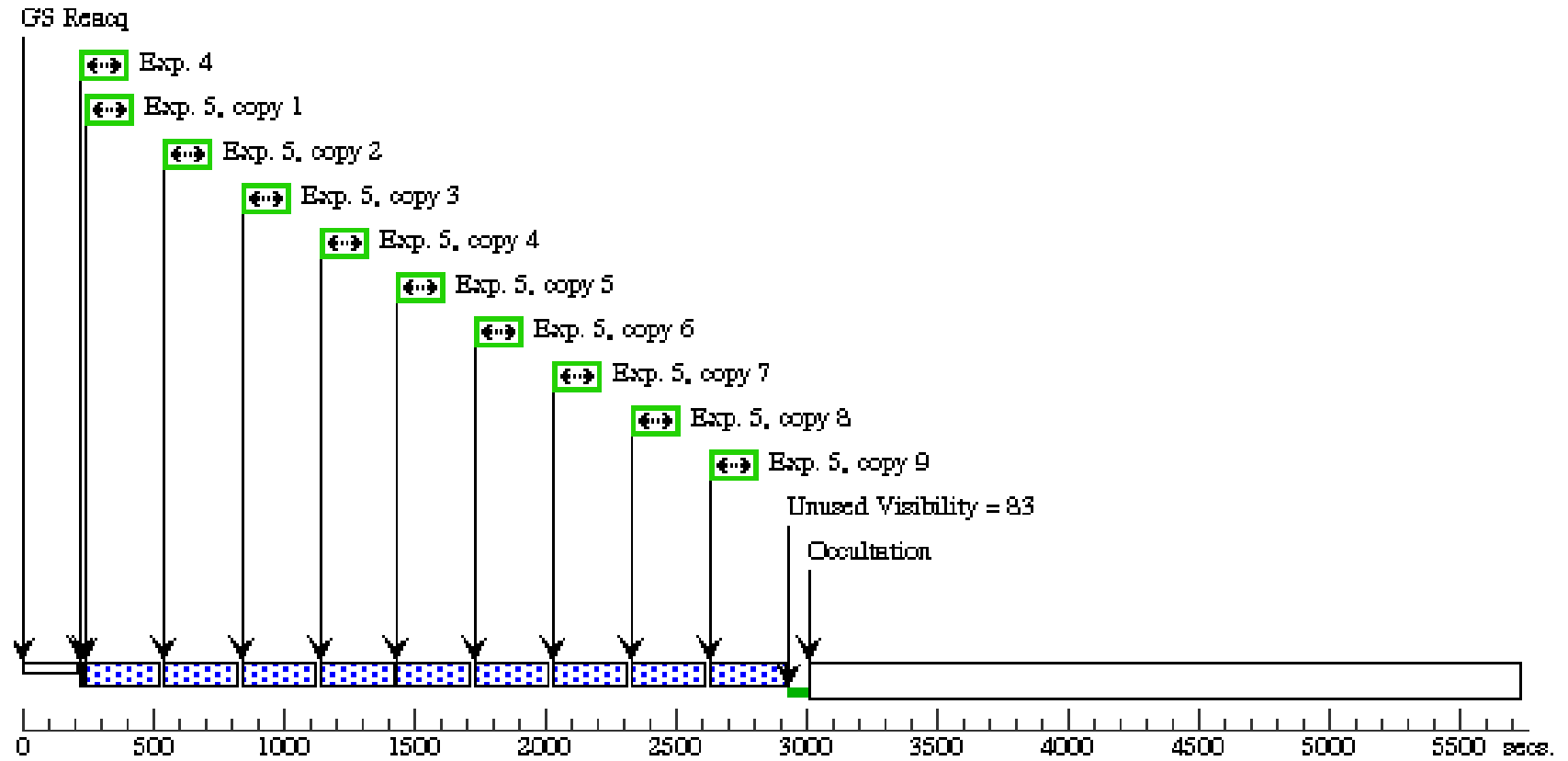
Proposal 12473 - Wasp-39 G430L x2 (14) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp-39 G4 30L Orbit 3	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Wasp-39 G4 30L Orbit 4	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Wasp-39 G4 30L Orbit 4	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	Wasp-39 G4 30L Orbit 5	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	Wasp-39 G4 30L Orbit 5	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							



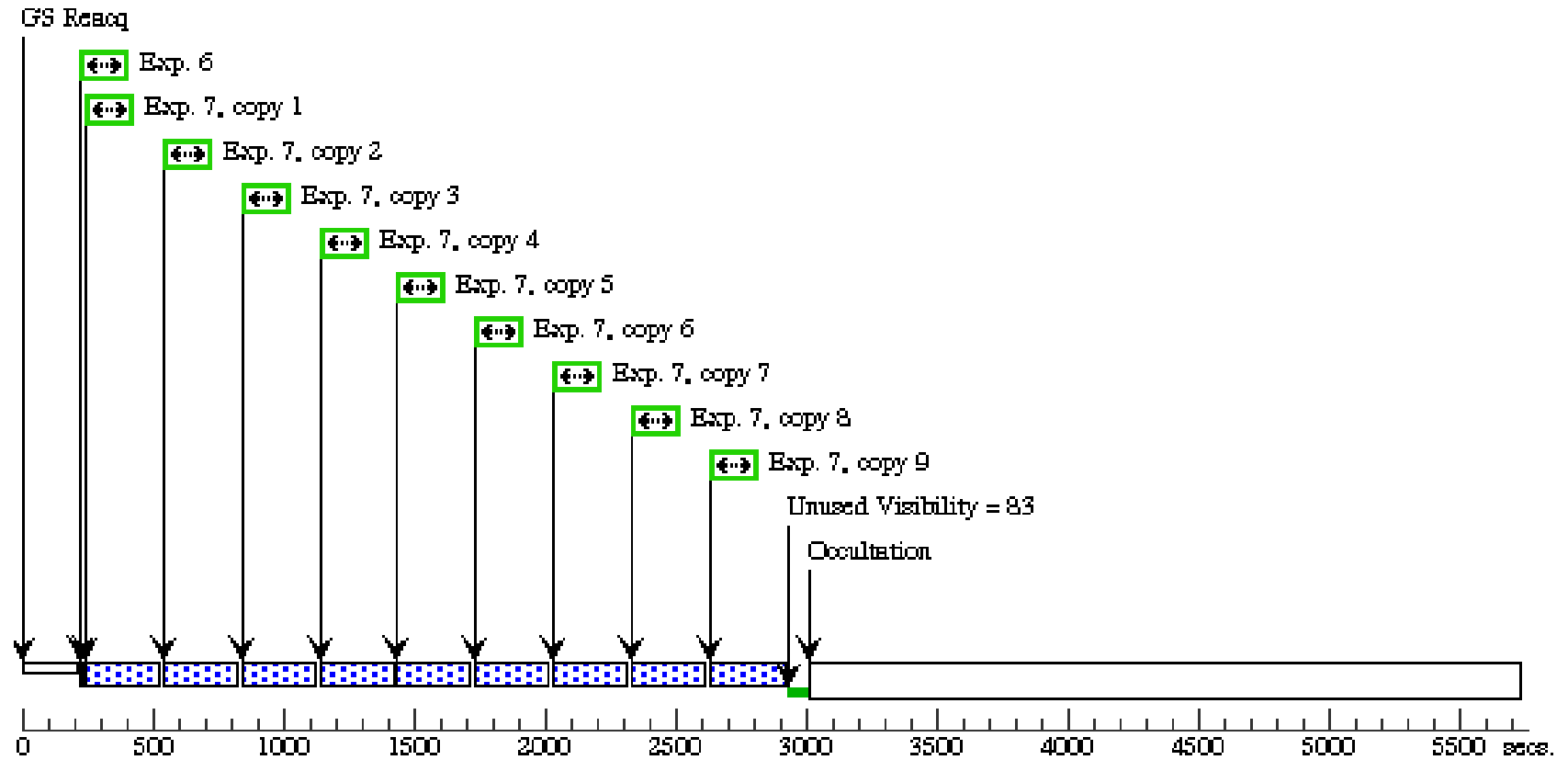
Orbit 2

Server Version: 20121031



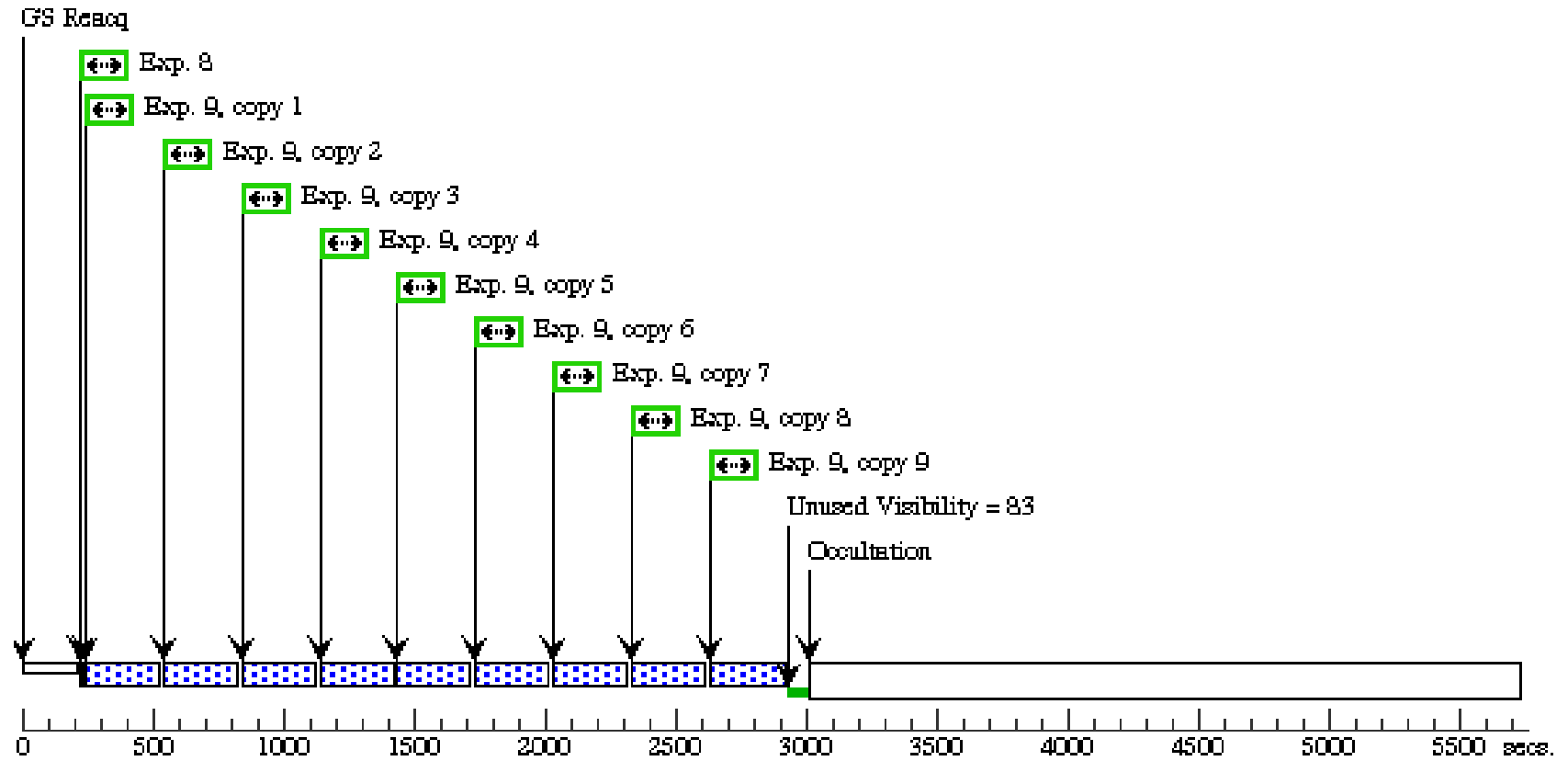
Orbit 3

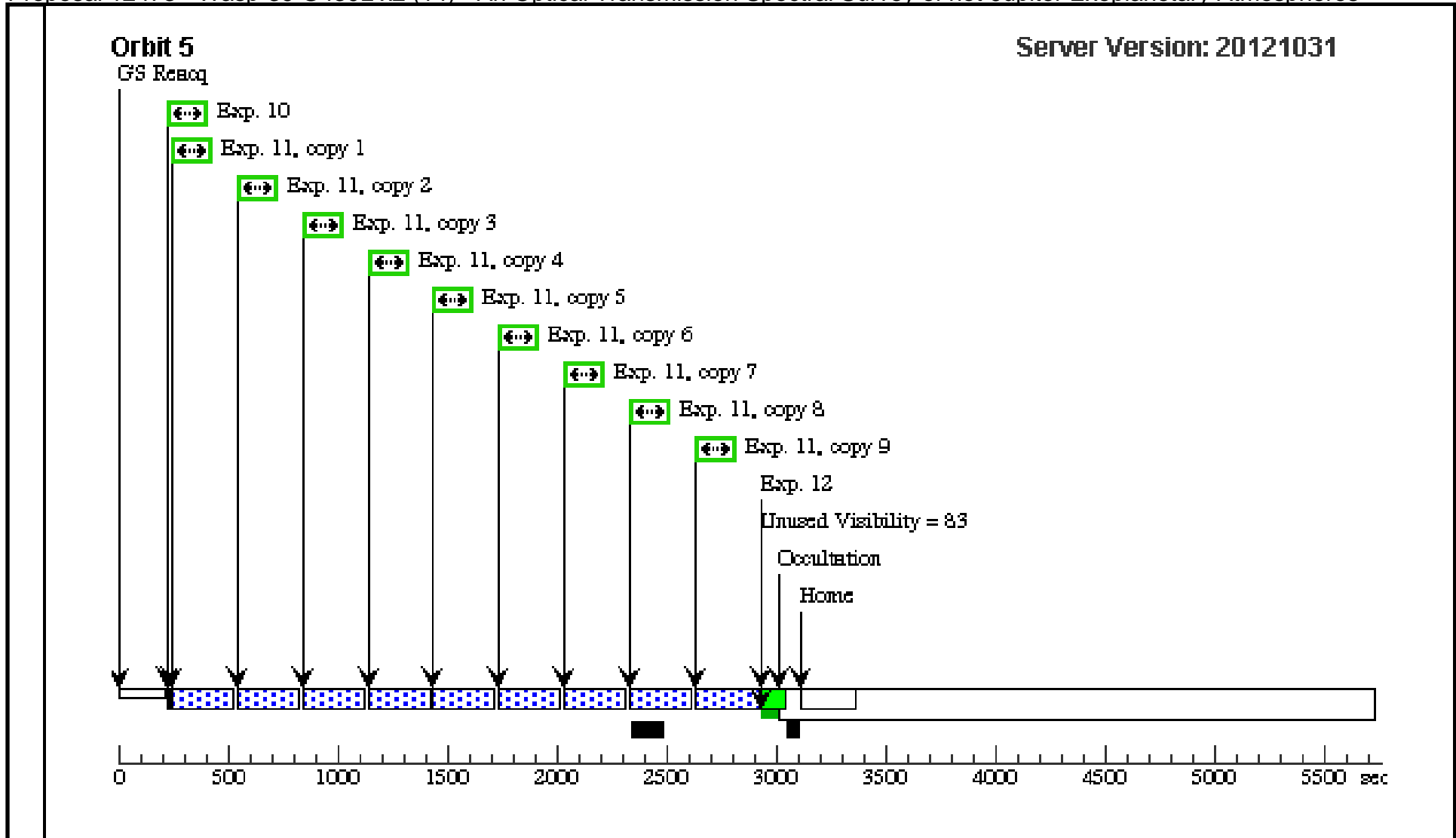
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Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-31 G430L (15) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

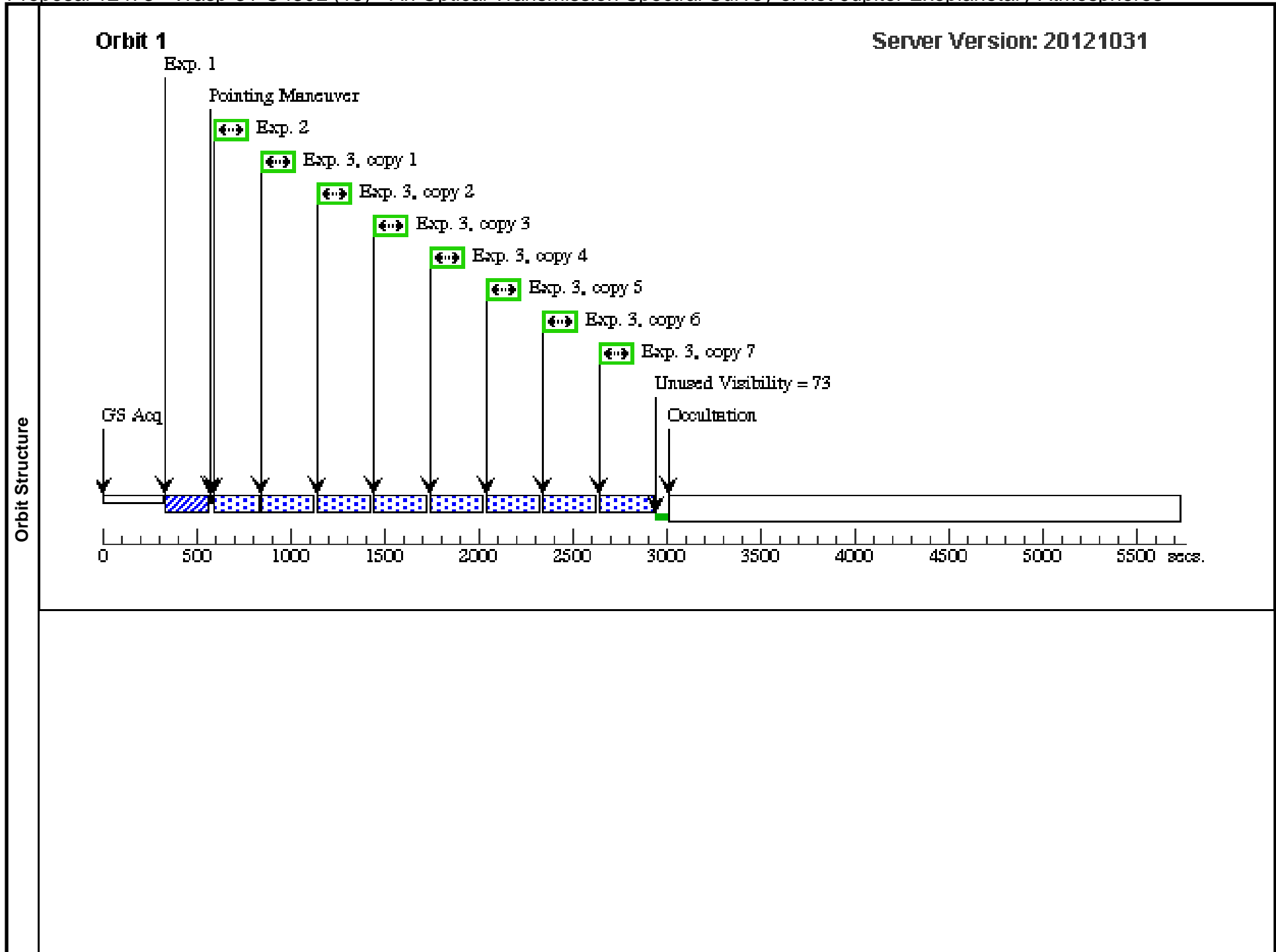
Visit	Proposal 12473, Wasp-31 G430L (15), completed Thu Jan 17 02:29:35 GMT 2013 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; Period 3.4059096 D AND ZERO-PHASE HJD2455192.6887 Comments: Wasp31. G430L. First of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.												
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(8)</td> <td>WASP-31</td> <td> RA: 11 17 45.3570 (169.4389875d) Dec: -19 03 17.21 (-19.05478d) Equinox: J2000 </td> <td> Proper Motion RA: -29.1 mas/yr Proper Motion Dec: -3.3 mas/yr Epoch of Position: 2000 </td> <td>V=11.66</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(8)	WASP-31	RA: 11 17 45.3570 (169.4389875d) Dec: -19 03 17.21 (-19.05478d) Equinox: J2000	Proper Motion RA: -29.1 mas/yr Proper Motion Dec: -3.3 mas/yr Epoch of Position: 2000	V=11.66
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(8)	WASP-31	RA: 11 17 45.3570 (169.4389875d) Dec: -19 03 17.21 (-19.05478d) Equinox: J2000	Proper Motion RA: -29.1 mas/yr Proper Motion Dec: -3.3 mas/yr Epoch of Position: 2000	V=11.66	Reference Frame: ICRS								

Proposal 12473 - Wasp-31 G430L (15) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(8) WASP-31	STIS/CCD, ACQ, F28X50LP	MIRROR	PHASE 0.9369 TO 0.9413; GS ACQ SCENARIO BASE1B3		0.6 Secs [==>]	[1]	
	2	Wasp-31 G4 30L Orbit 1	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		120 Secs [==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp-31 G4 30L Orbit 1	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 7 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]	
	4	Wasp-31 G4 30L Orbit 2	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[2]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
5	Wasp-31 G4 30L Orbit 2	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Wasp-31 G4 30L Orbit 3	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

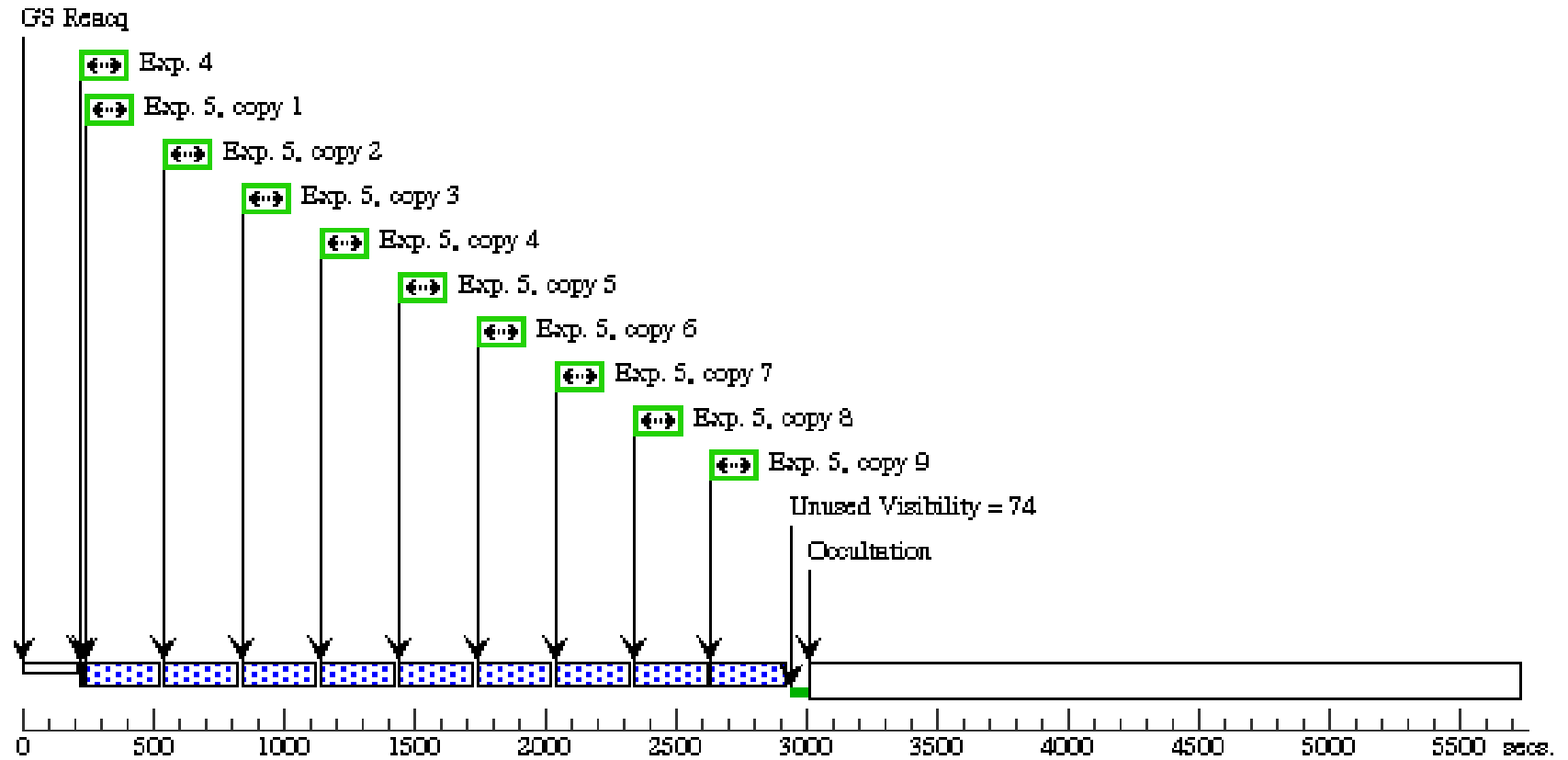
Proposal 12473 - Wasp-31 G430L (15) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp-31 G4 (8) WASP-31 30L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Wasp-31 G4 (8) WASP-31 30L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
9	Wasp-31 G4 (8) WASP-31 30L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	Wasp-31 G4 (8) WASP-31 30L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
11	Wasp-31 G4 (8) WASP-31 30L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>						



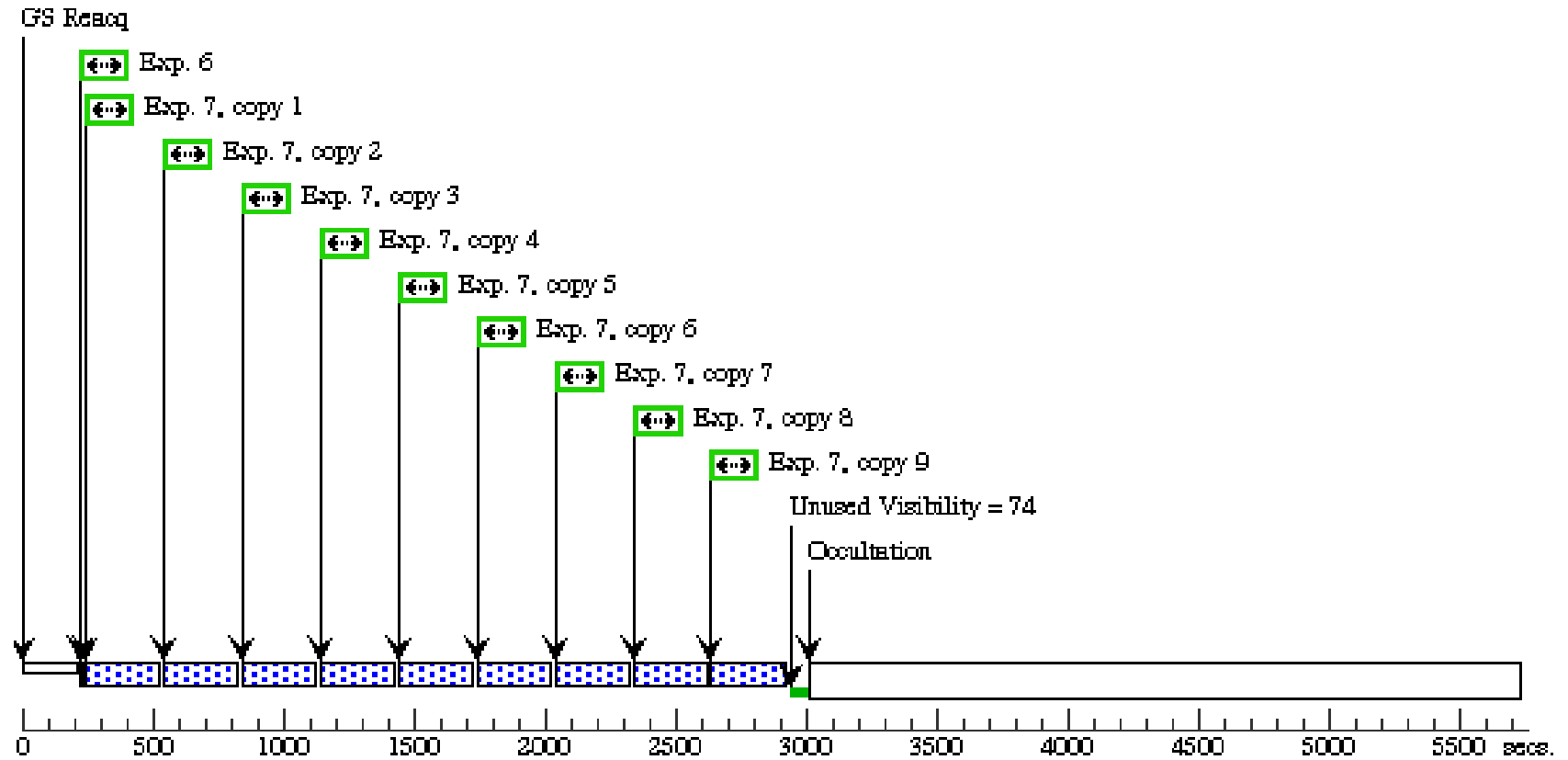
Orbit 2

Server Version: 20121031



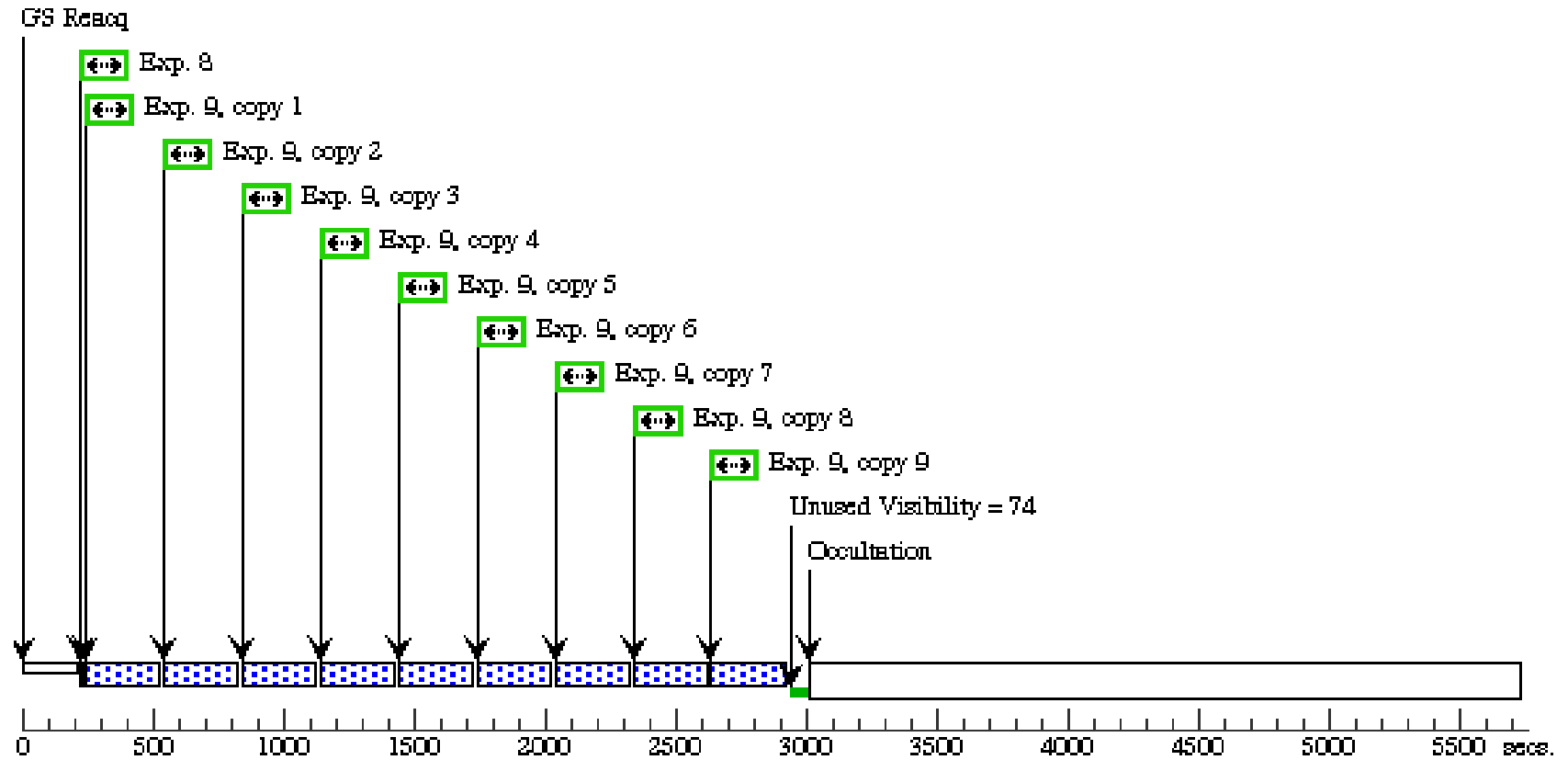
Orbit 3

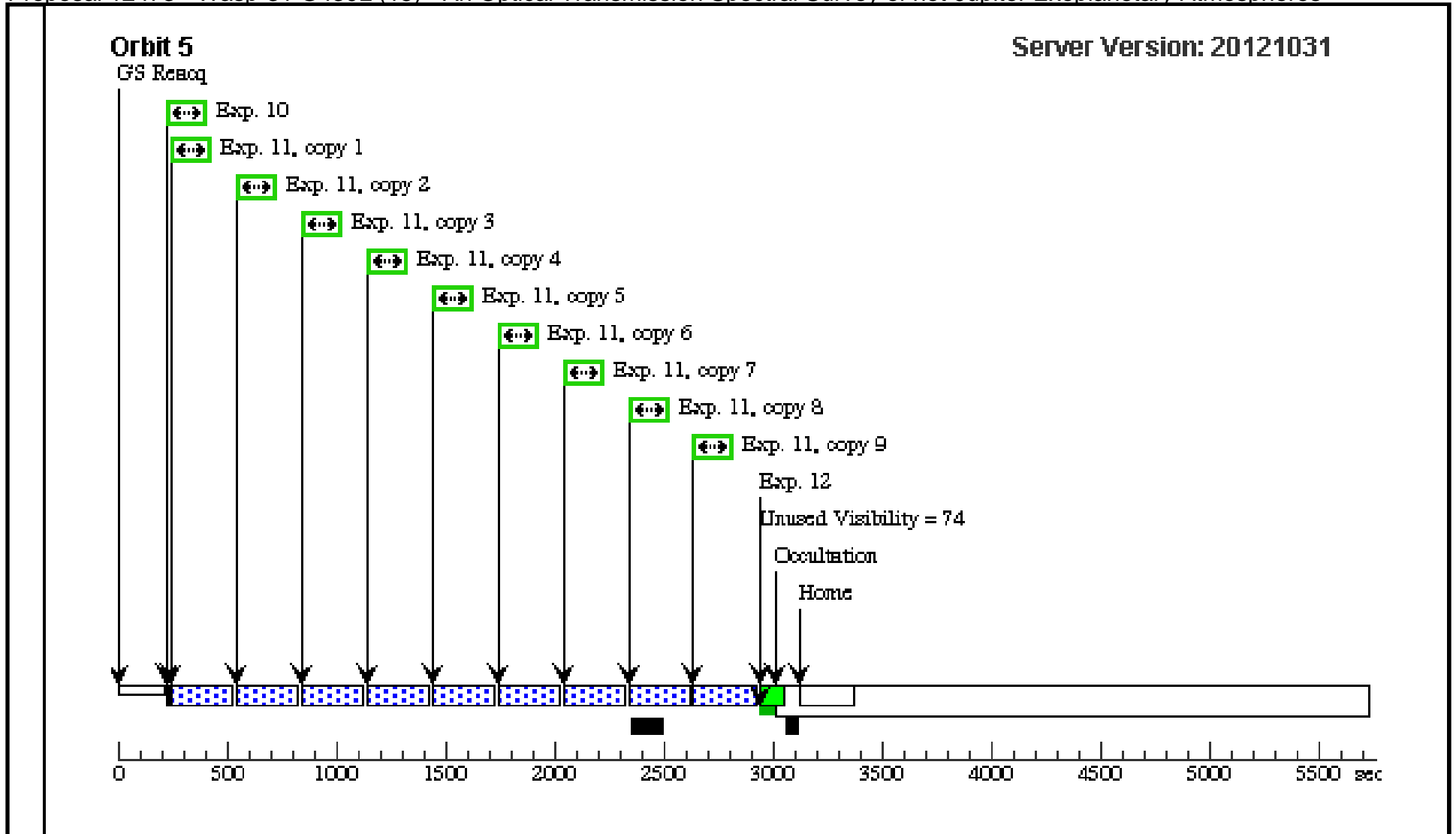
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-31 G430L x2 (16) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

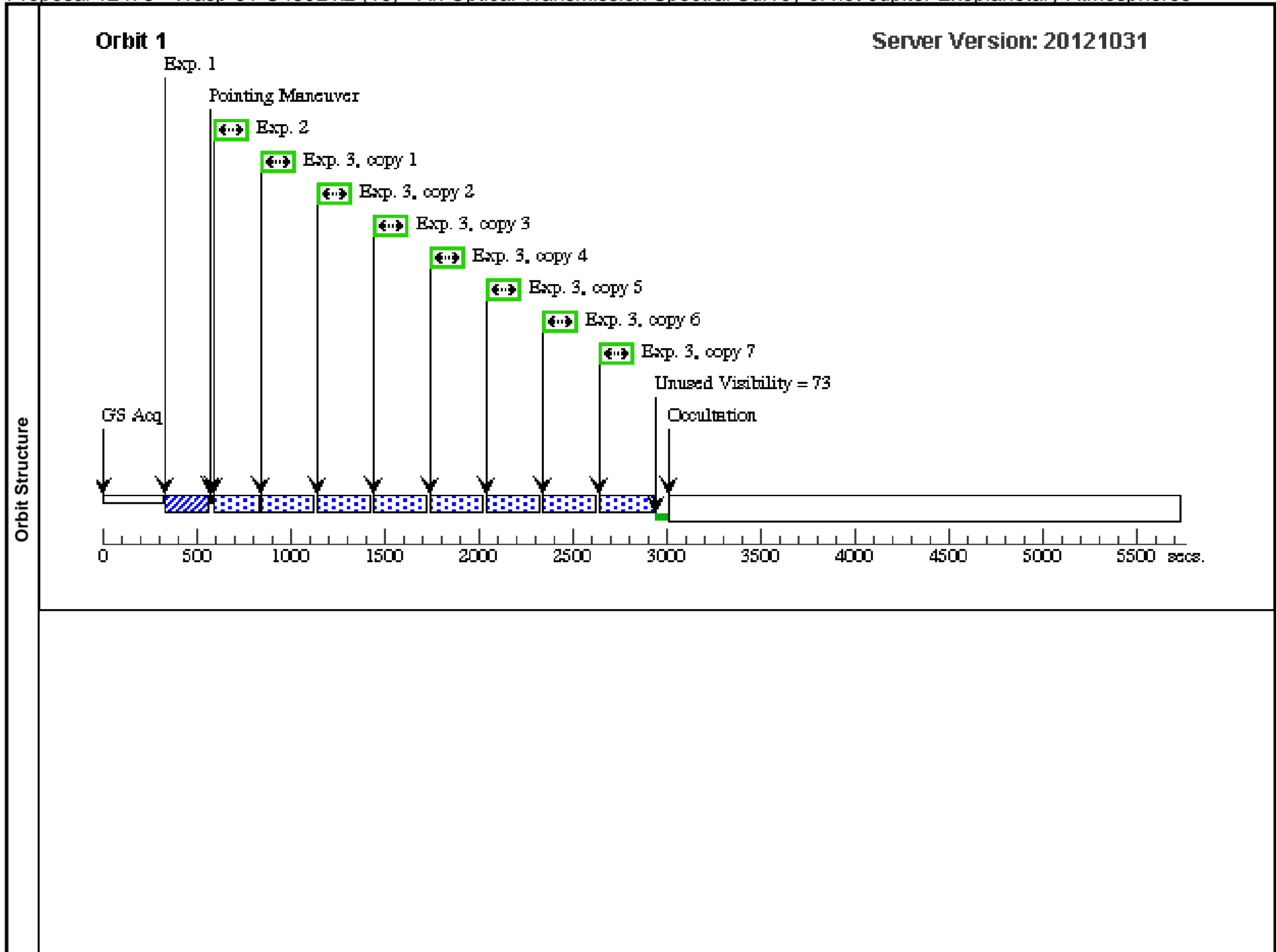
Visit	Proposal 12473, Wasp-31 G430L x2 (16), completed Thu Jan 17 02:29:39 GMT 2013 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; Period 3.4059096 D AND ZERO-PHASE HJD2455192.6887 Comments: Wasp31. G430L. Second of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.												
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(8)</td> <td>WASP-31</td> <td> RA: 11 17 45.3570 (169.4389875d) Dec: -19 03 17.21 (-19.05478d) Equinox: J2000 </td> <td> Proper Motion RA: -29.1 mas/yr Proper Motion Dec: -3.3 mas/yr Epoch of Position: 2000 </td> <td>V=11.66</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(8)	WASP-31	RA: 11 17 45.3570 (169.4389875d) Dec: -19 03 17.21 (-19.05478d) Equinox: J2000	Proper Motion RA: -29.1 mas/yr Proper Motion Dec: -3.3 mas/yr Epoch of Position: 2000	V=11.66
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(8)	WASP-31	RA: 11 17 45.3570 (169.4389875d) Dec: -19 03 17.21 (-19.05478d) Equinox: J2000	Proper Motion RA: -29.1 mas/yr Proper Motion Dec: -3.3 mas/yr Epoch of Position: 2000	V=11.66	Reference Frame: ICRS								

Proposal 12473 - Wasp-31 G430L x2 (16) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(8) WASP-31	STIS/CCD, ACQ, F28X50LP	MIRROR	PHASE 0.9512 TO 0.9556; GS ACQ SCENARIO BASE1B3		0.6 Secs [==>]	[1]	
	2	Wasp-31 G4 30L Orbit 1	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		120 Secs [==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp-31 G4 30L Orbit 1	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 7 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]	
	4	Wasp-31 G4 30L Orbit 2	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[2]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
5	Wasp-31 G4 30L Orbit 2	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Wasp-31 G4 30L Orbit 3	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

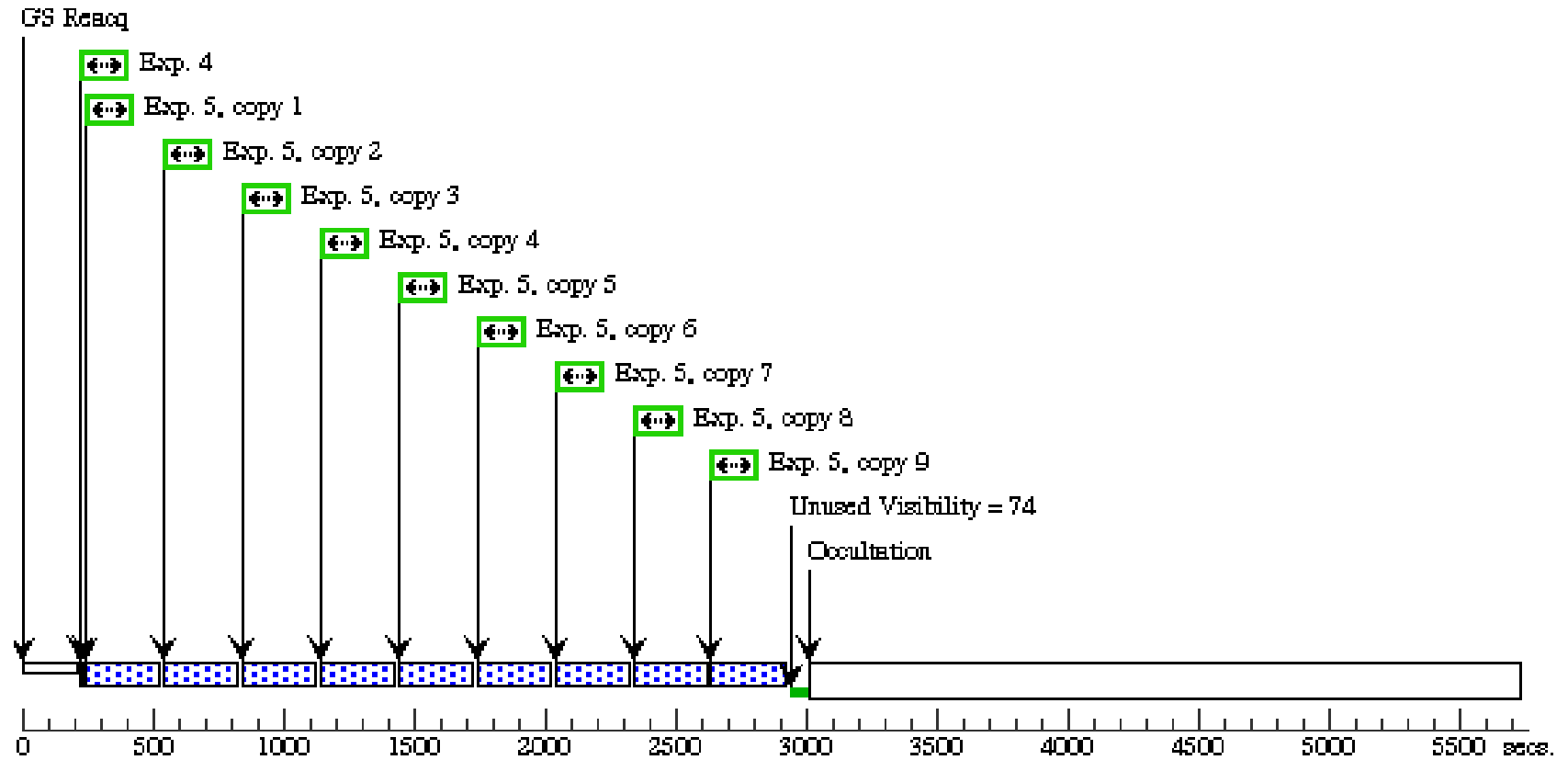
Proposal 12473 - Wasp-31 G430L x2 (16) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp-31 G4 (8) WASP-31 30L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]	
8	Wasp-31 G4 (8) WASP-31 30L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]	
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Wasp-31 G4 (8) WASP-31 30L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]	
10	Wasp-31 G4 (8) WASP-31 30L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]	
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	Wasp-31 G4 (8) WASP-31 30L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]	
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[5]	
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							



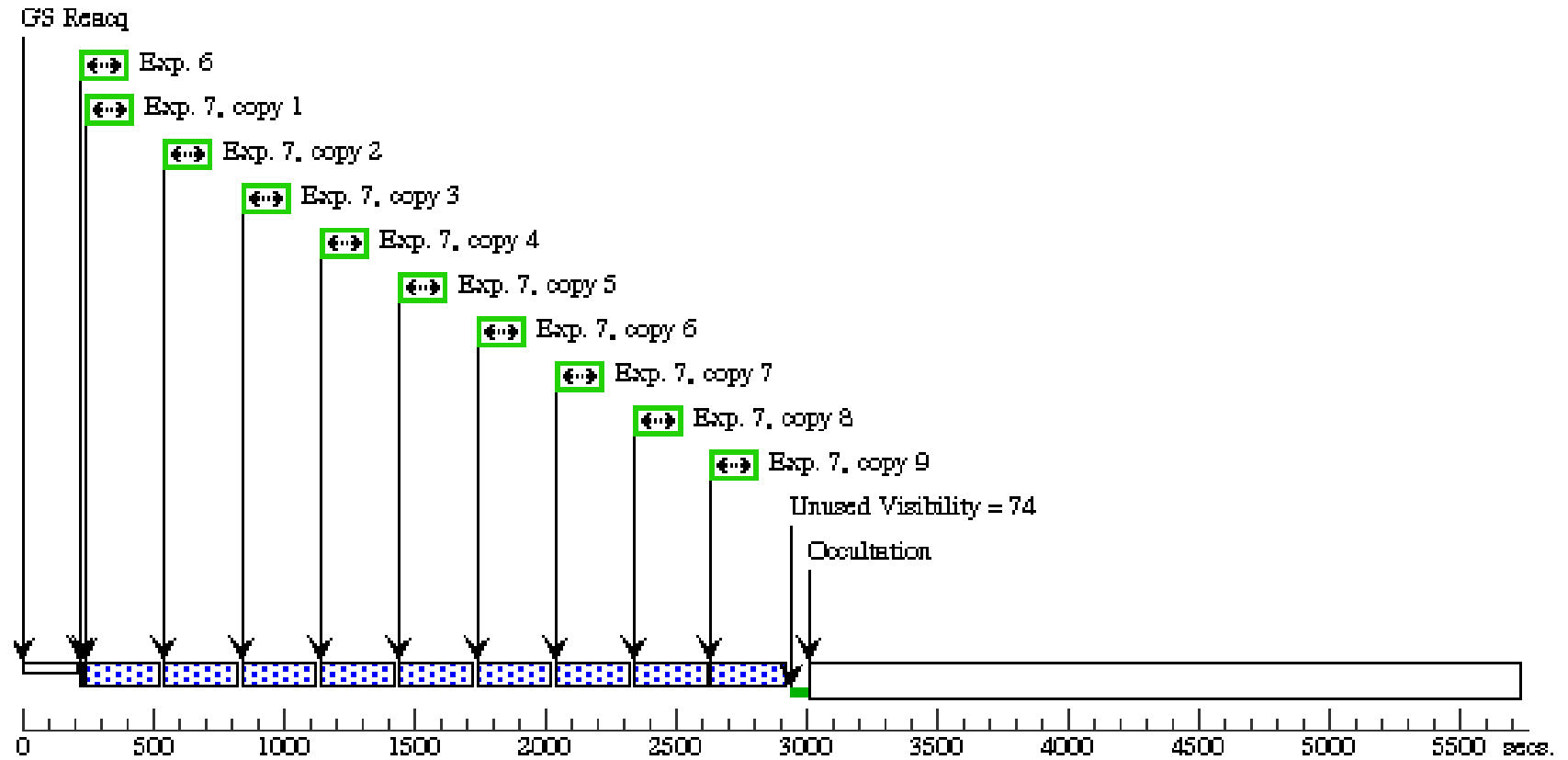
Orbit 2

Server Version: 20121031



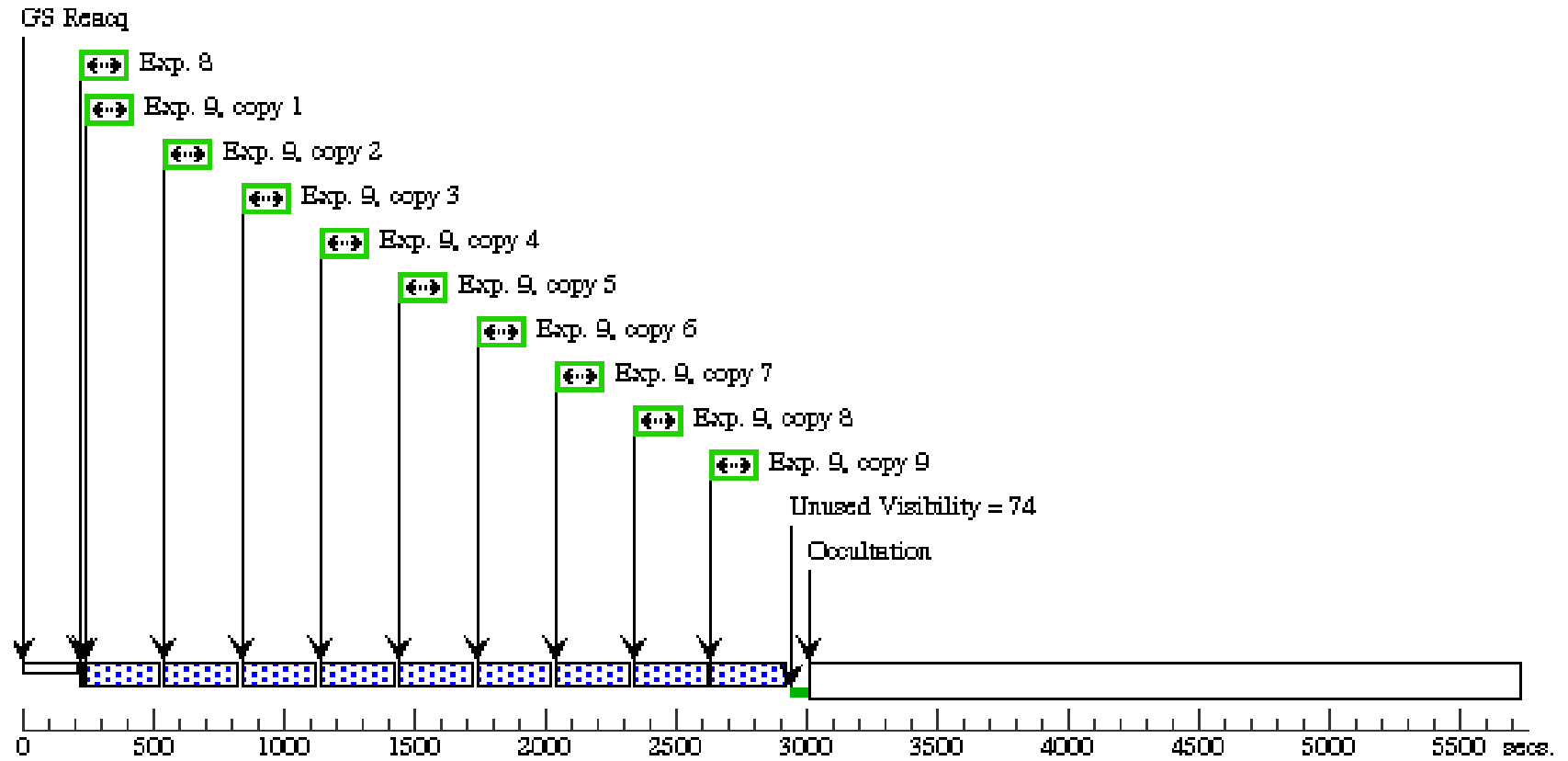
Orbit 3

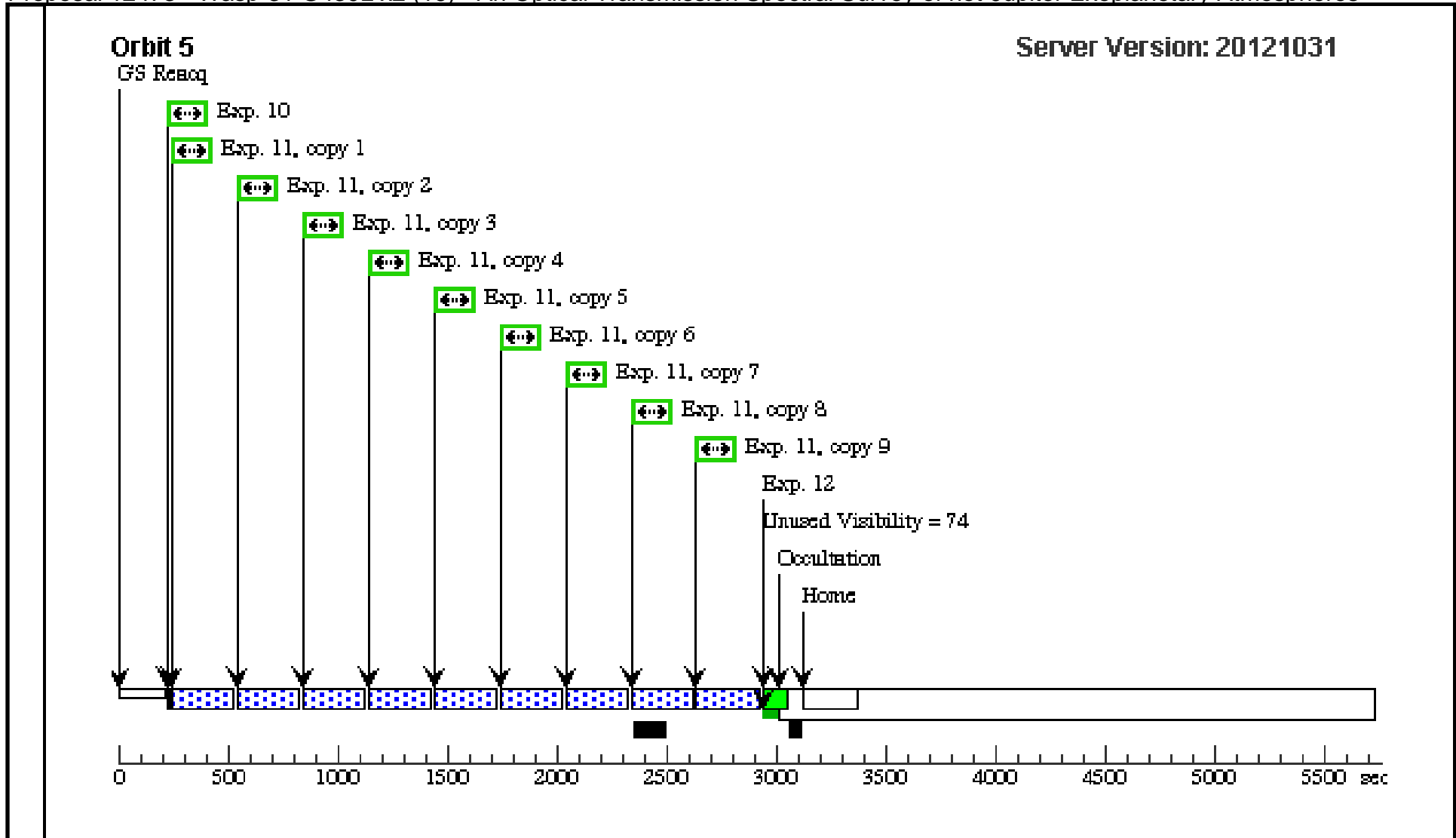
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-12 G750L (17) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Visit	Proposal 12473, Wasp-12 G750L (17), completed Thu Jan 17 02:29:44 GMT 2013 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; Period 1.0914222 D AND ZERO-PHASE HJD2454508.97605 <i>Comments: Wasp12. G750L. Third of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(1)		WASP-12	RA: 06 30 32.7940 (97.6366417d) Dec: +29 40 20.29 (29.67230d) Equinox: J2000	Proper Motion RA: -0.7 mas/yr Proper Motion Dec: -7.8 mas/yr Epoch of Position: 2000.0	V=11.5	Reference Frame: ICRS

Proposal 12473 - Wasp-12 G750L (17) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

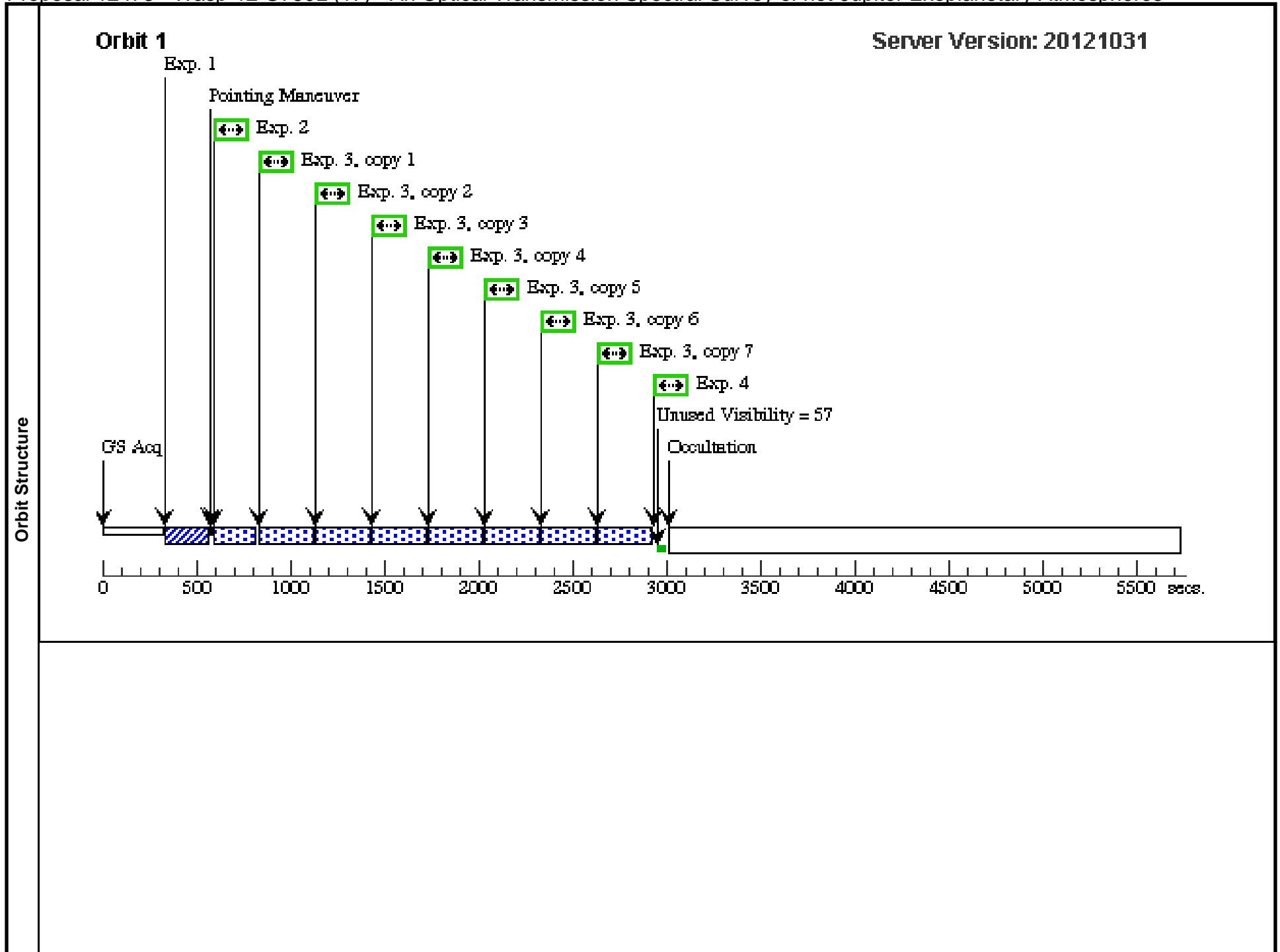
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(1) WASP-12	STIS/CCD, ACQ, F28X50LP	MIRROR			.7 Secs		
						PHASE 0.8264 TO 0.8370		[==>]	[1]	
	2	Wasp12 G7 50L Orbit 1	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		85 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp12 G7 50L Orbit 1	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		279 Secs X 7		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]		
4	Wasp12 G7 50L Orbit 2	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[1]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Wasp12 G7 50L Orbit 2	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		279 Secs X 9			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Wasp12 G7 50L Orbit 3	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Wasp-12 G750L (17) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp12 G7 50L Orbit 3	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Wasp12 G7 50L Orbit 4	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[3]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Wasp12 G7 50L Orbit 4	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	Wasp12 G7 50L Orbit 5	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	Wasp12 G7 50L Orbit 5	(1) WASP-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	279 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							

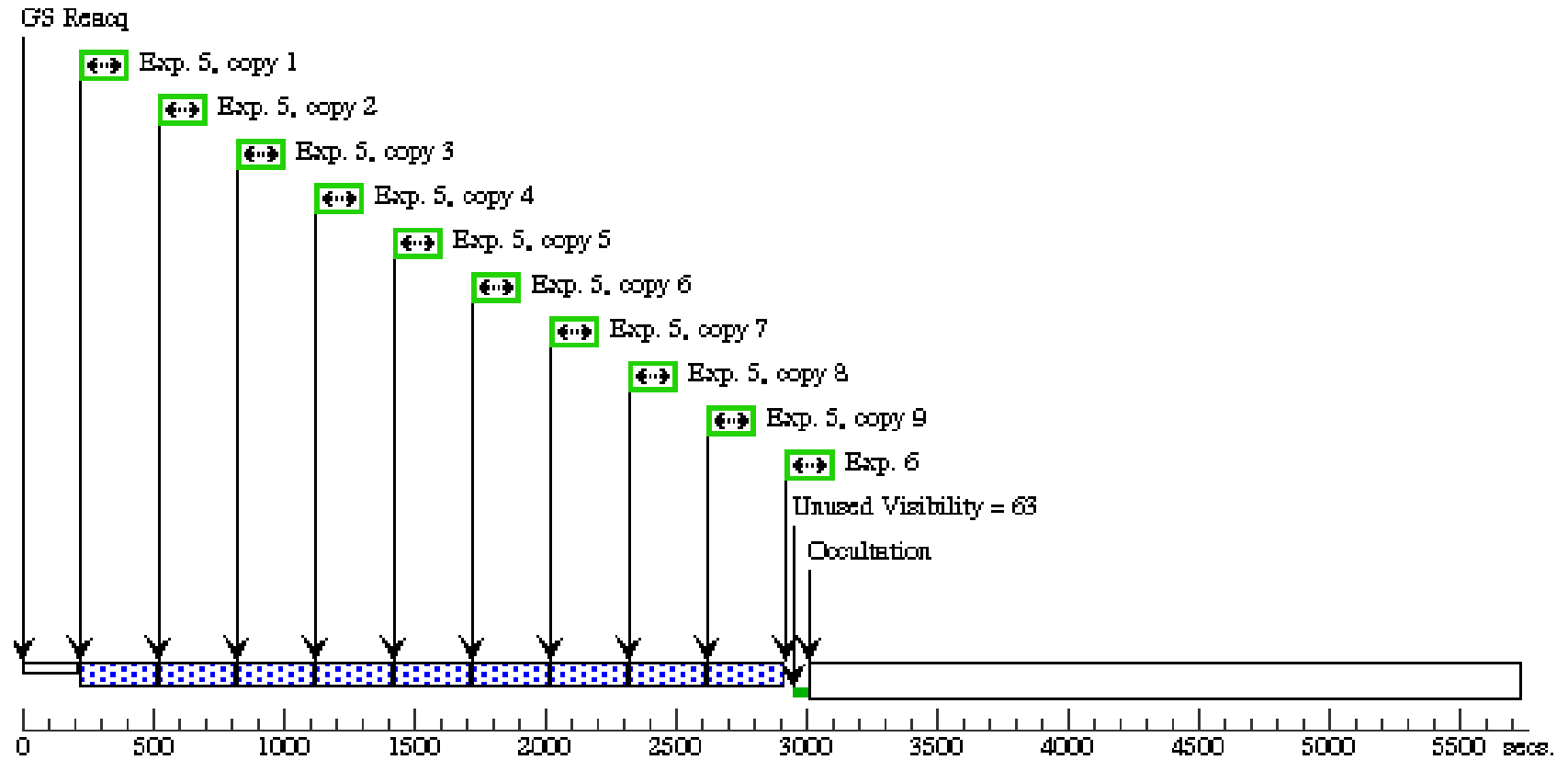
Proposal 12473 - Wasp-12 G750L (17) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	240 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]



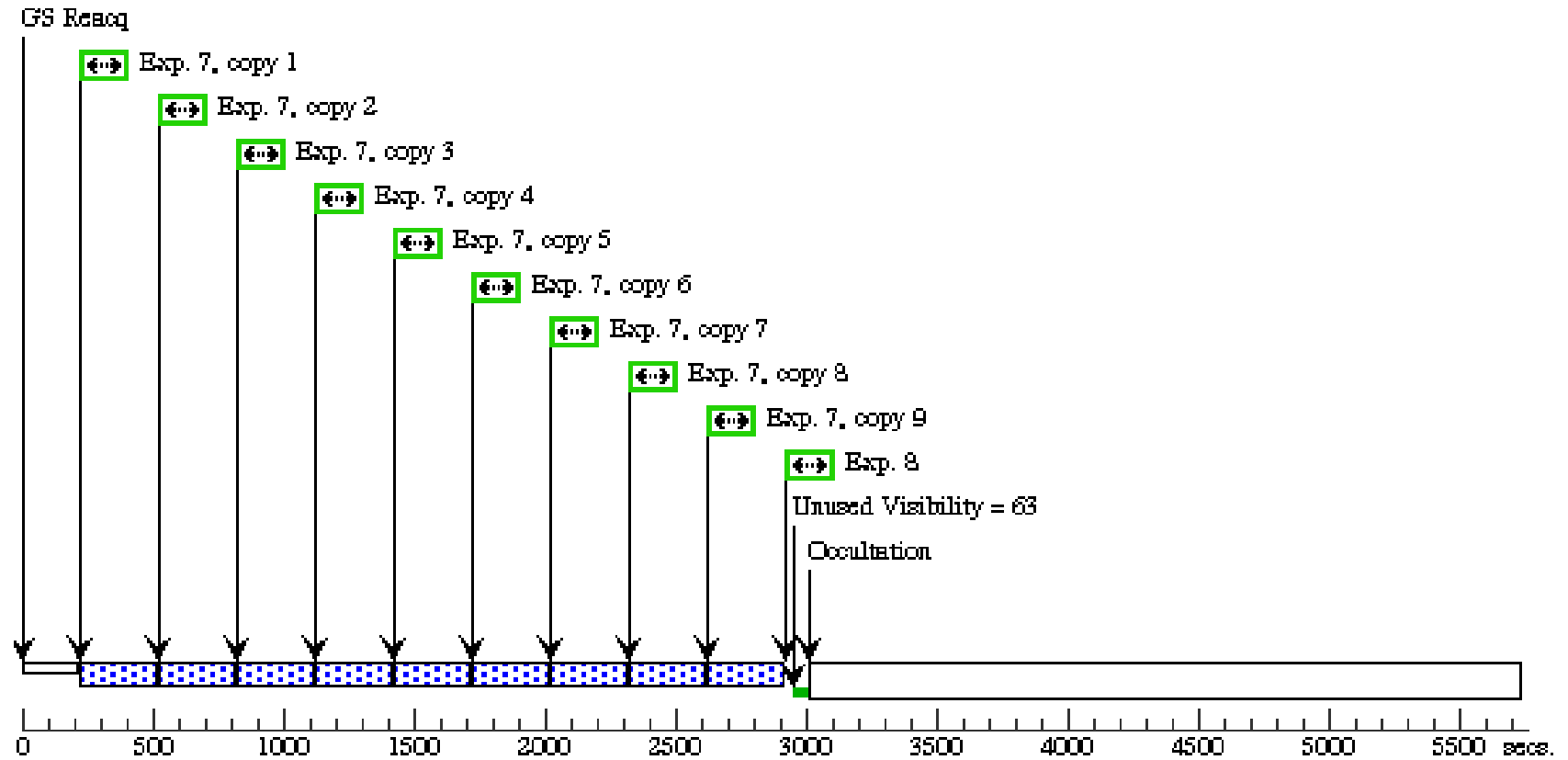
Orbit 2

Server Version: 20121031



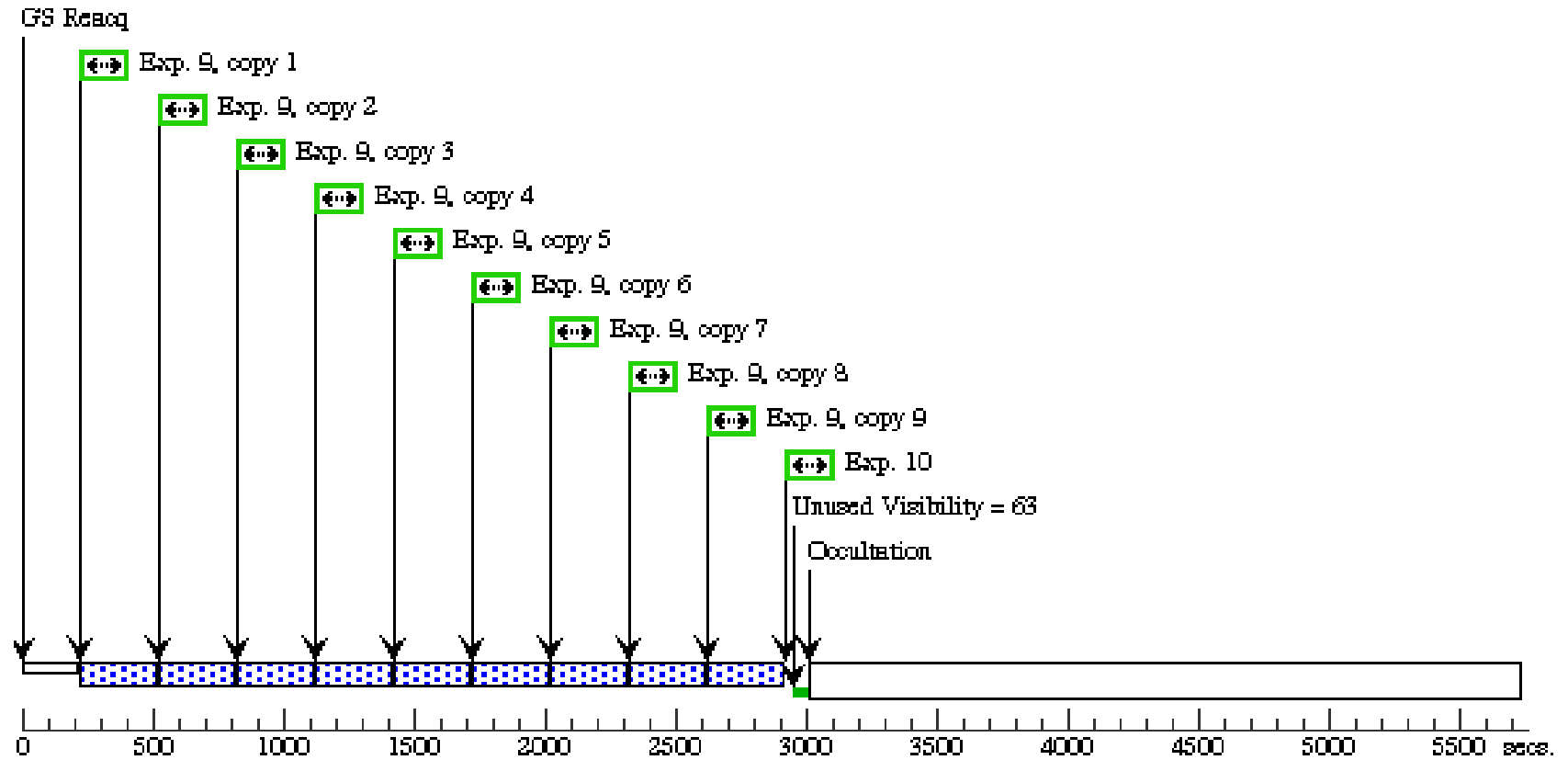
Orbit 3

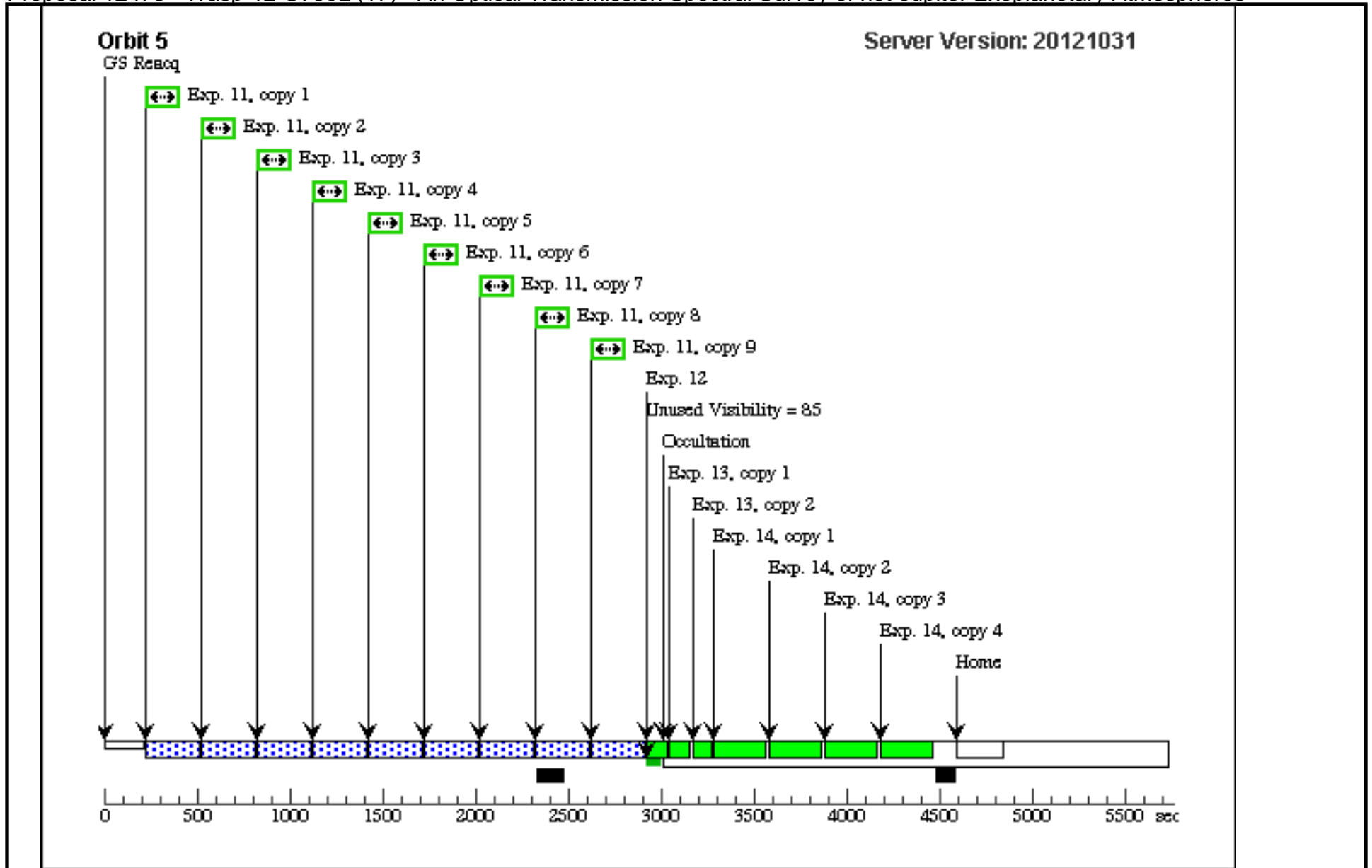
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-19 G750L (18) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Thu Jan 17 02:29:49 GMT 2013

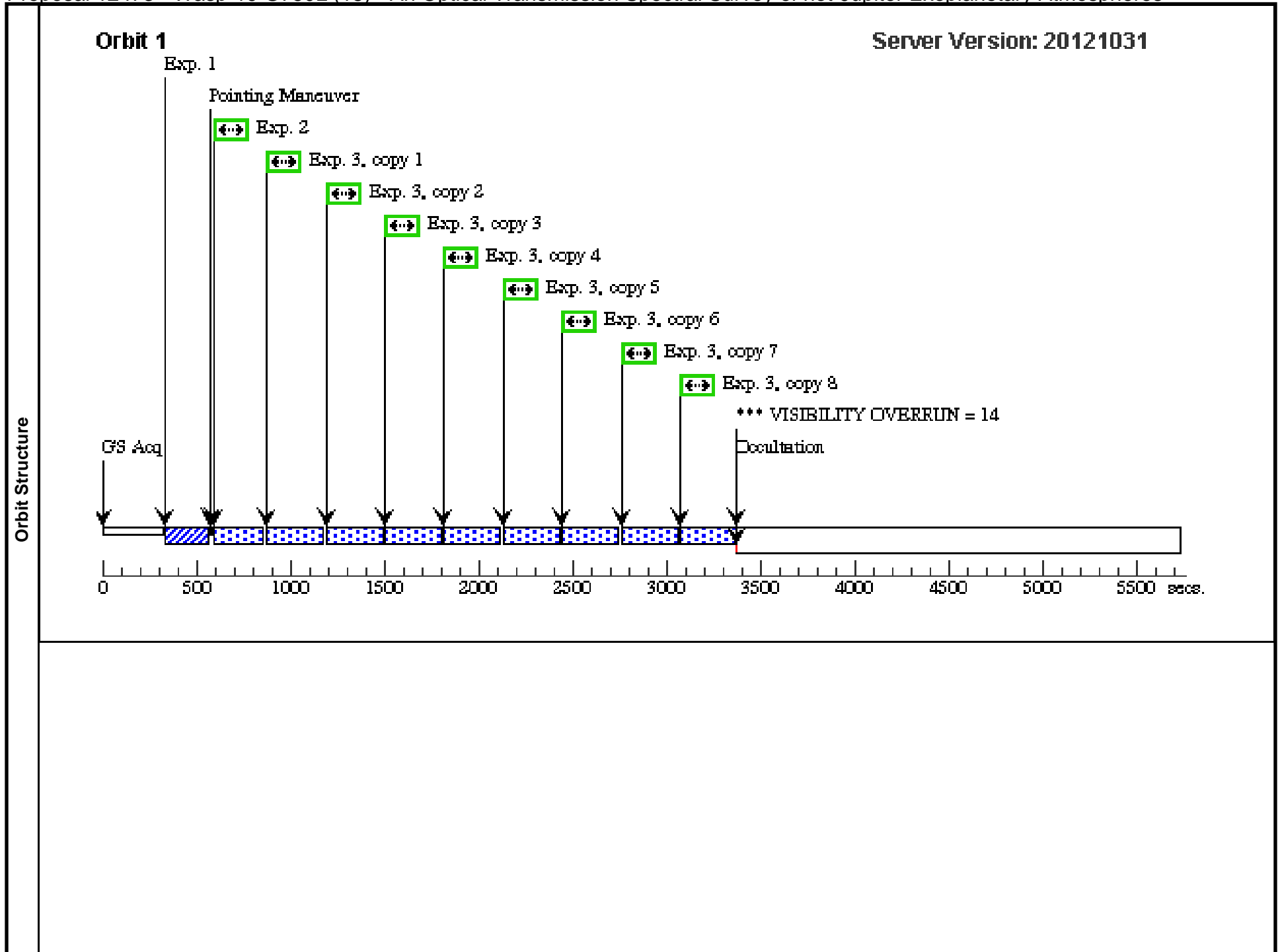
Visit	<p>Proposal 12473, Wasp-19 G750L (18), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: Period 0.7888400 D AND ZERO-PHASE HJD2455168.96801</p> <p><i>Comments: Wasp19. G750L. Third of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>																	
	<p>(Wasp-19 G750L (18)) Warning (Form): The proposal is part of a large program (100 orbits or more in one cycle) and so should use Schedulability 100.</p> <p>(Wasp-19 G750L (18)) Warning (Orbit Planner): VISIBILITY OVERRUN</p> <p>(Wasp-19 G750L (18)) Warning (Orbit Planner): VISIBILITY OVERRUN</p> <p>(Wasp-19 G750L (18)) Warning (Orbit Planner): VISIBILITY OVERRUN</p> <p>(Wasp-19 G750L (18)) Warning (Orbit Planner): VISIBILITY OVERRUN</p>																	
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>WASP-19</td> <td>RA: 09 53 40.0770 (148.4169875d) Dec: -45 39 33.06 (-45.65918d) Equinox: J2000</td> <td>Proper Motion RA: -41.3 mas/yr Proper Motion Dec: +16.5 mas/yr Epoch of Position: 2000.0</td> <td>V=12.3</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	WASP-19	RA: 09 53 40.0770 (148.4169875d) Dec: -45 39 33.06 (-45.65918d) Equinox: J2000	Proper Motion RA: -41.3 mas/yr Proper Motion Dec: +16.5 mas/yr Epoch of Position: 2000.0	V=12.3	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(2)	WASP-19	RA: 09 53 40.0770 (148.4169875d) Dec: -45 39 33.06 (-45.65918d) Equinox: J2000	Proper Motion RA: -41.3 mas/yr Proper Motion Dec: +16.5 mas/yr Epoch of Position: 2000.0	V=12.3	Reference Frame: ICRS													

Proposal 12473 - Wasp-19 G750L (18) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(2) WASP-19	STIS/CCD, ACQ, F28X50LP	MIRROR			1.0 Secs		
						PHASE 0.8026 TO 0.8143		[==>]	[1]	
	2	Wasp19 G7 50L Orbit 1	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		128 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp19 G7 50L Orbit 1	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		293 Secs X 8		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]		
4	Wasp19 G7 50L Orbit 2	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Wasp19 G7 50L Orbit 2	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		293 Secs X 10			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]		
6	Wasp19 G7 50L Orbit 3	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Wasp-19 G750L (18) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

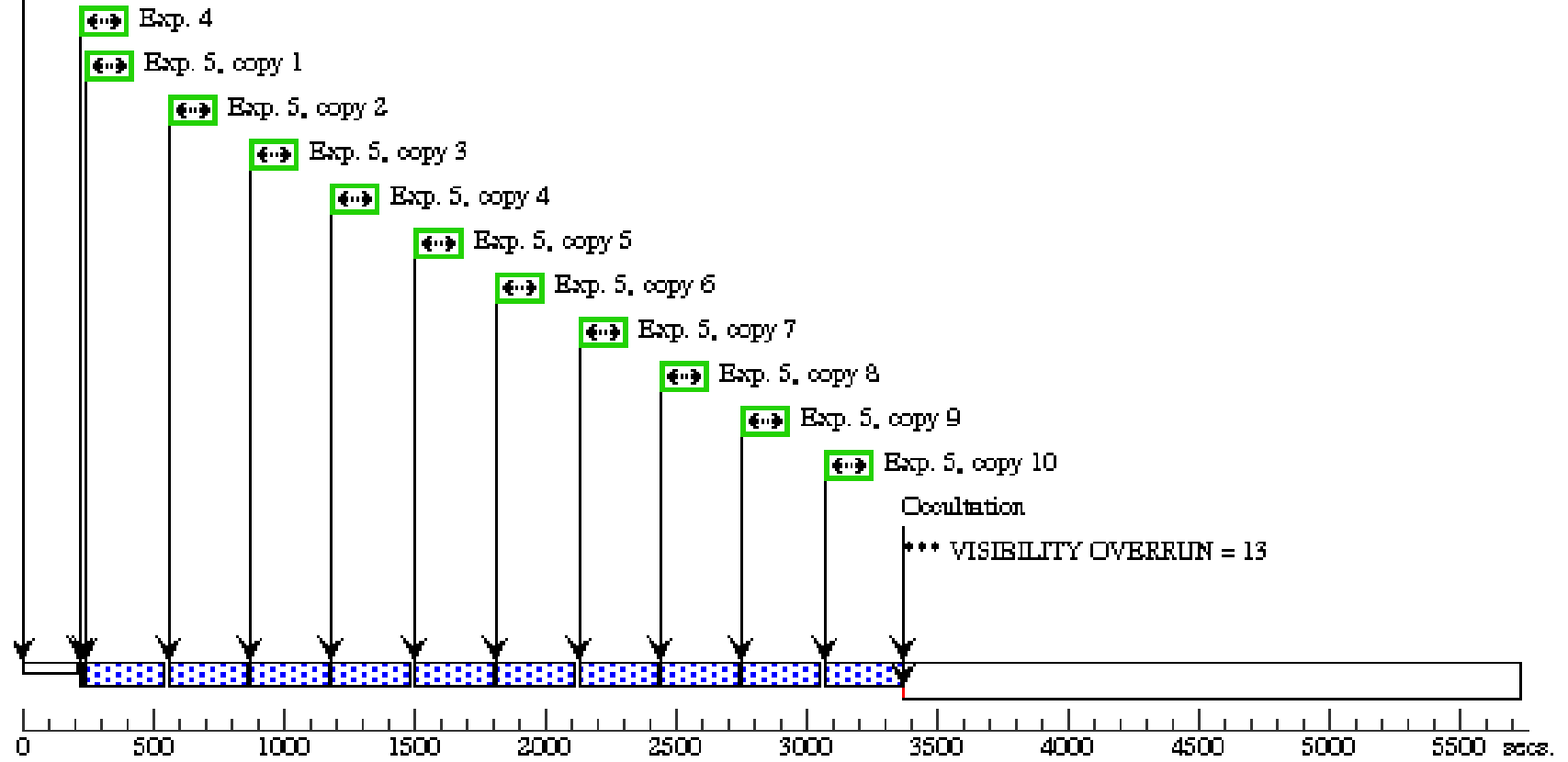
7	Wasp19 G7 50L Orbit 3	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	293 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	Wasp19 G7 50L Orbit 4	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Wasp19 G7 50L Orbit 4	(2) WASP-19	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	293 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		[==>]	[4]
11	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		[==>(Copy 1)] [==>(Copy 2)]	[4]
12	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	240 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[4]



Orbit 2

Server Version: 20121031

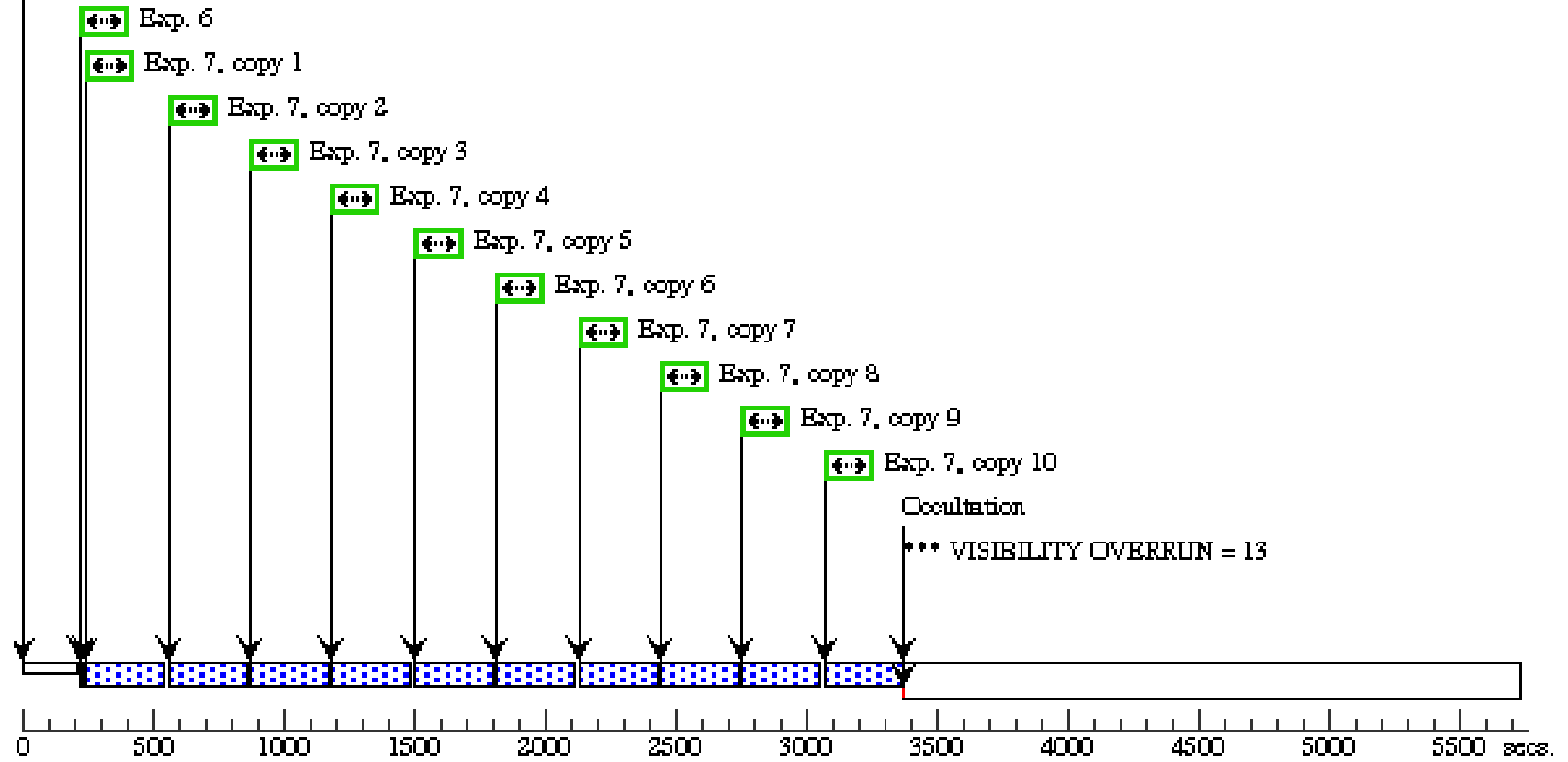
GS Reacq

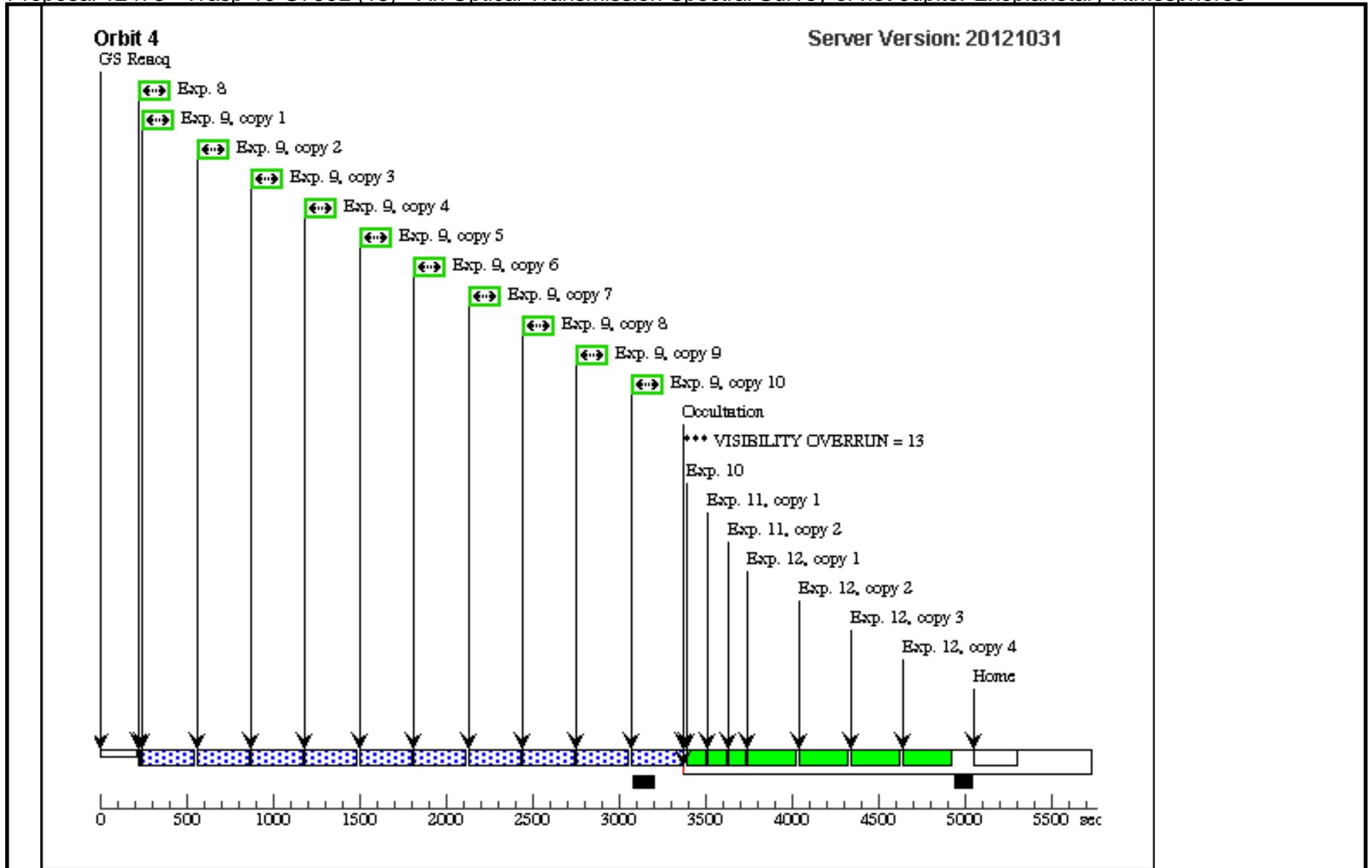


Orbit 3

Server Version: 20121031

GS Req





Proposal 12473 - Wasp-17 G750L (19) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Thu Jan 17 02:29:54 GMT 2013

Visit	Proposal 12473, Wasp-17 G750L (19), implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: SCHED 80%; Period 3.7354380 D AND ZERO-PHASE HJD2454577.85806 <i>Comments: Wasp17. G750L. Third of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i>					
	(Wasp-17 G750L (19)) Warning (Form): The proposal is part of a large program (100 orbits or more in one cycle) and so should use Schedulability 100.					
Diagnosics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	WASP-17	RA: 15 59 50.9470 (239.9622792d) Dec: -28 03 42.33 (-28.06176d) Equinox: J2000	Proper Motion RA: -7.9 mas/yr Proper Motion Dec: -11.0 mas/yr Epoch of Position: 2000.0	V=11.59	Reference Frame: ICRS

Proposal 12473 - Wasp-17 G750L (19) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

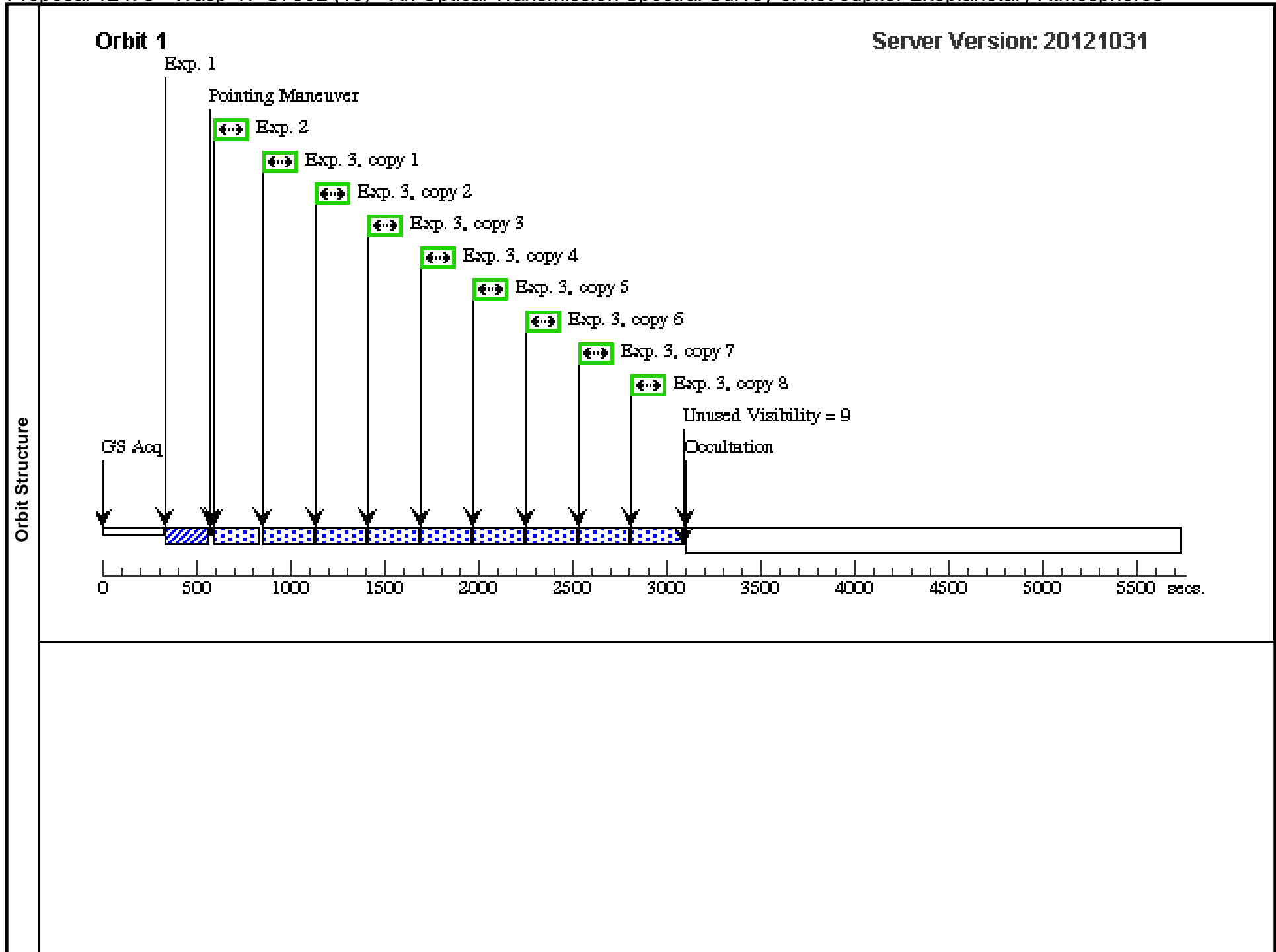
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(3) WASP-17	STIS/CCD, ACQ, F28X50LP	MIRROR			.6 Secs		
						PHASE 0.9488 TO 0.9528		[==>]	[1]	
	2	Wasp17 G7 50L Orbit 1	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		108 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp17 G7 50L Orbit 1	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		259 Secs X 8		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]		
4	Wasp17 G7 50L Orbit 2	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Wasp17 G7 50L Orbit 2	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		264 Secs X 10			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]		
6	Wasp17 G7 50L Orbit 3	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Wasp-17 G750L (19) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp17 G7 50L Orbit 3	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	264 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	Wasp17 G7 50L Orbit 4	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Wasp17 G7 50L Orbit 4	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	264 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	Wasp17 G7 50L Orbit 5	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	Wasp17 G7 50L Orbit 5	(3) WASP-17	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	264 Secs X 10 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

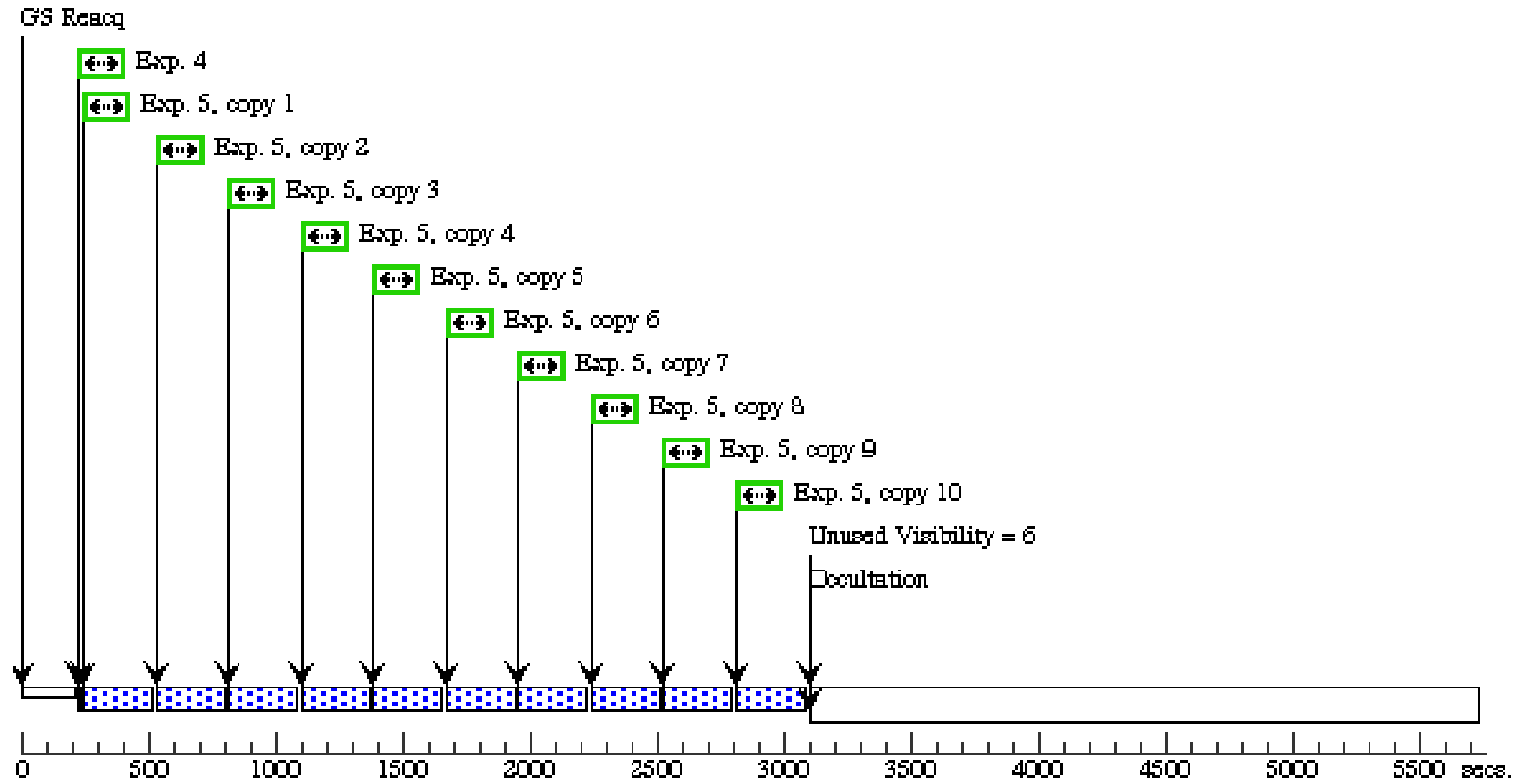
Proposal 12473 - Wasp-17 G750L (19) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							
13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	240 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]



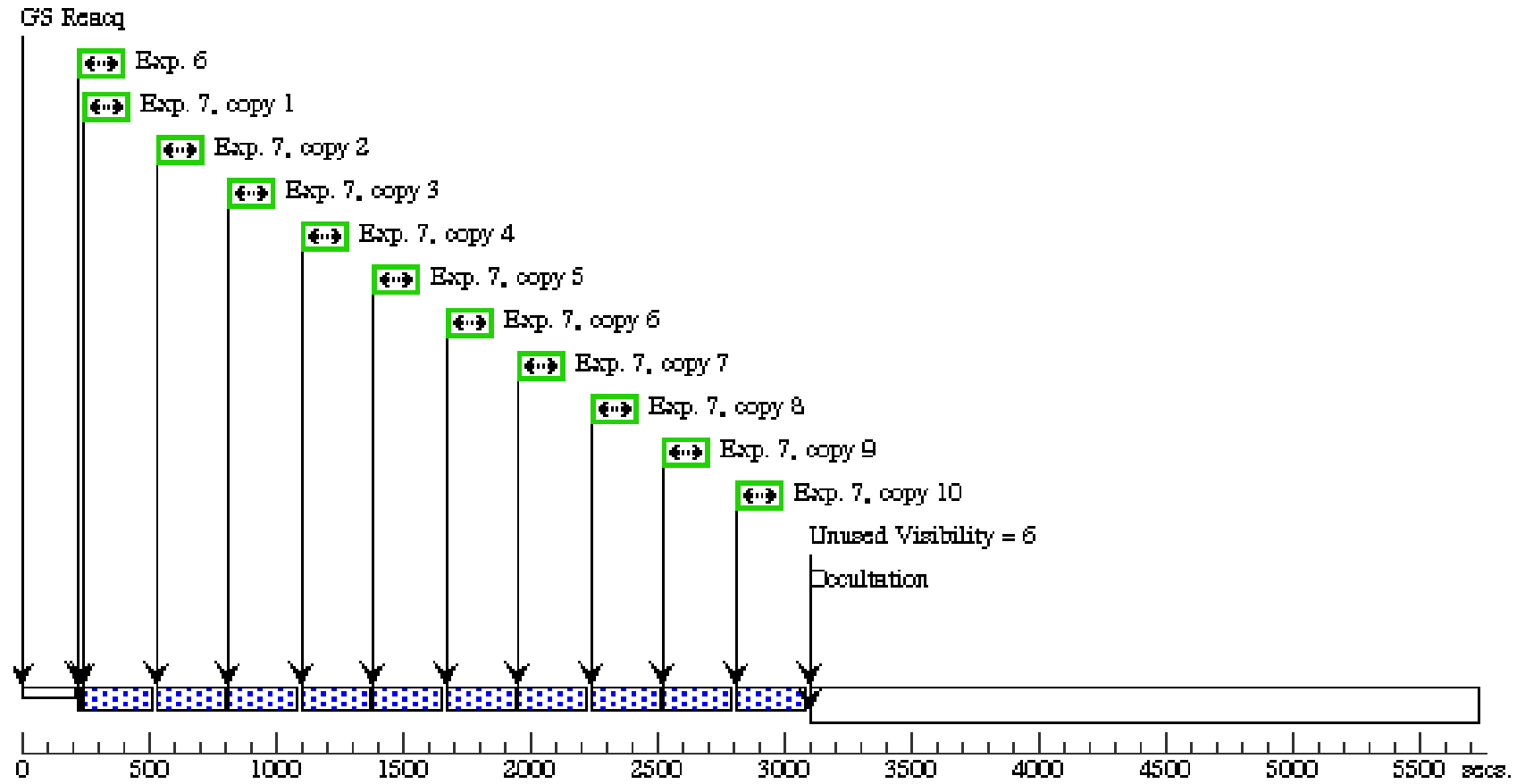
Orbit 2

Server Version: 20121031



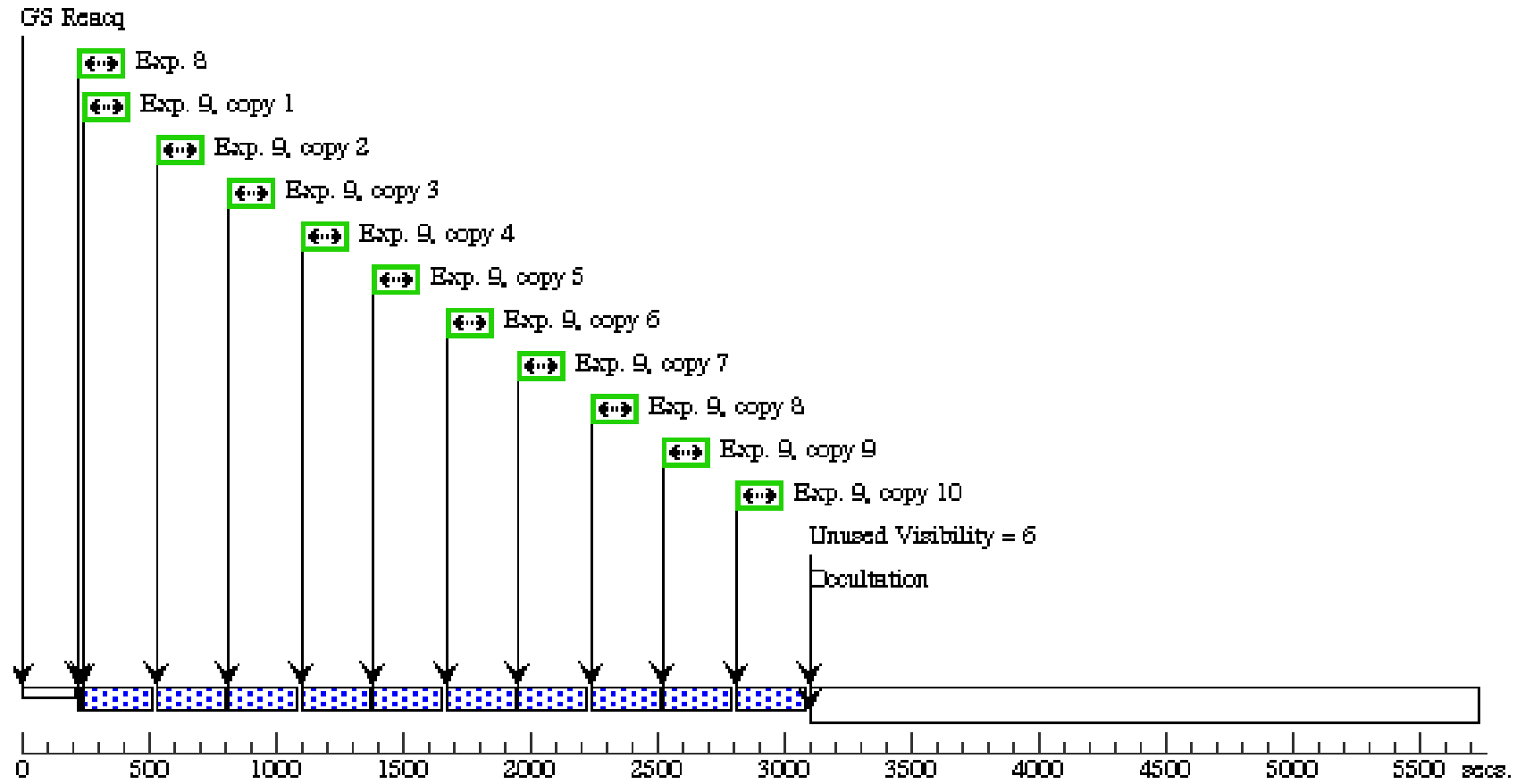
Orbit 3

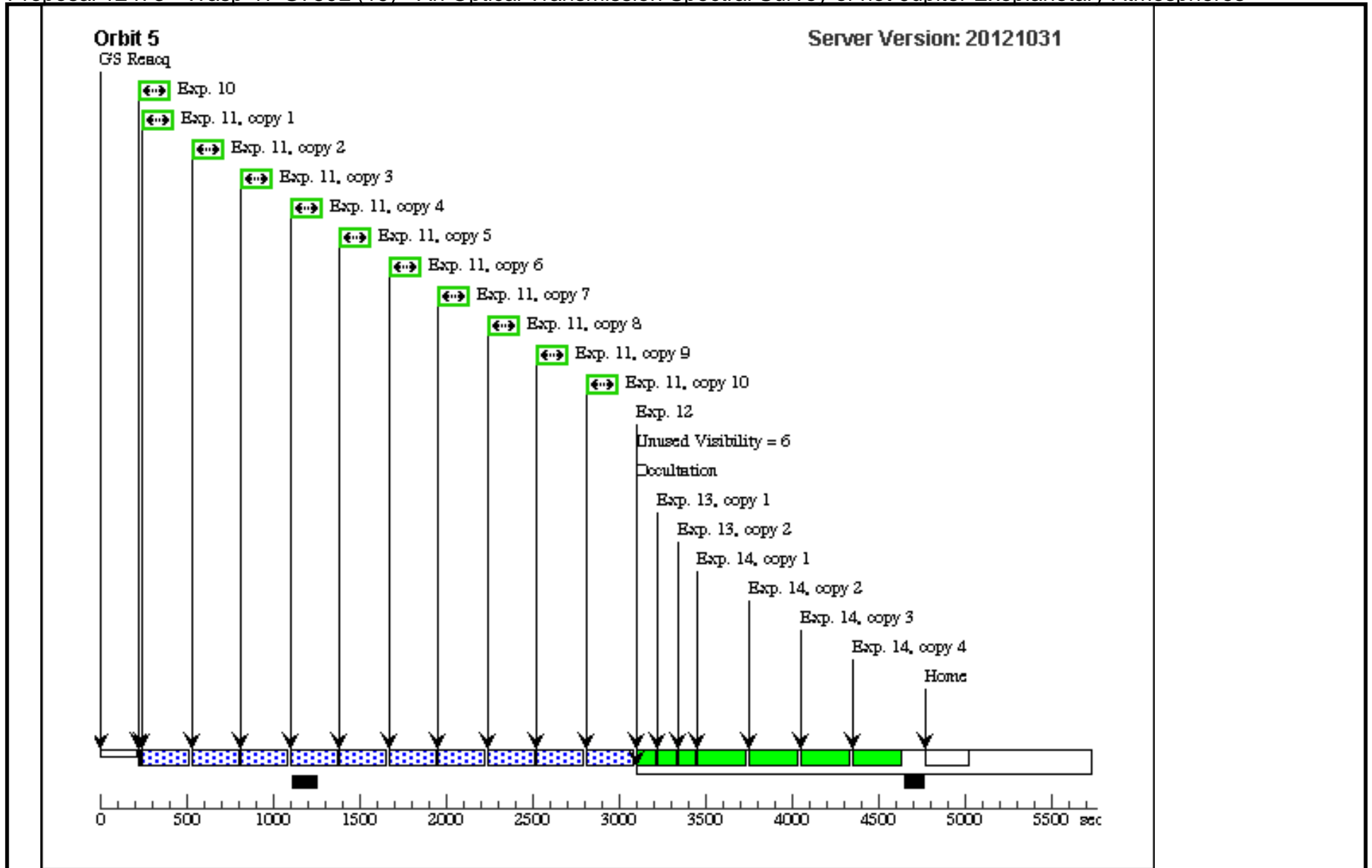
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Hat-1 G750L (20) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Visit	<p>Proposal 12473, Hat-1 G750L (20), completed Thu Jan 17 02:29:58 GMT 2013</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: SCHED 100%; Period 4.4652934 D AND ZERO-PHASE HJD2454363.94656</p> <p><i>Comments: Hat1. G750L. Third of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(4)	HAT-P-1	RA: 22 57 46.8250 (344.4451042d) Dec: +38 40 29.83 (38.67495d) Equinox: J2000	Proper Motion RA: 29.3 mas/yr Proper Motion Dec: -51.0 mas/yr Epoch of Position: 2000.0	V=10.4	Reference Frame: ICRS

Proposal 12473 - Hat-1 G750L (20) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

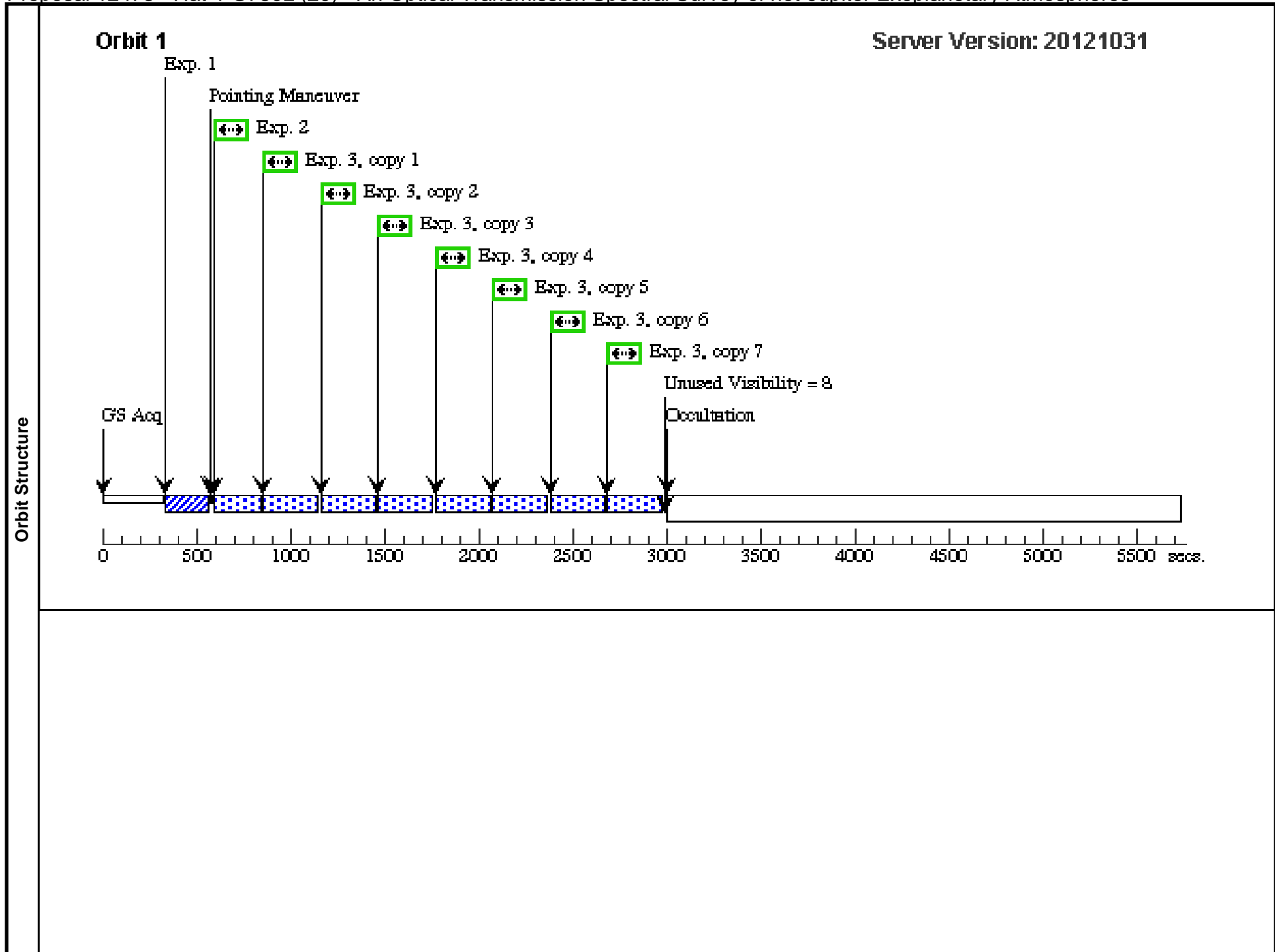
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(4) HAT-P-1	STIS/CCD, ACQ, F28X50LP	MIRROR			.2 Secs		
						PHASE 0.9555 TO 0.9595		[==>]	[1]	
	2	Hat-1 G750 L Orbit 1	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		114 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Hat-1 G750 L Orbit 1	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		284 Secs X 7		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]		
4	Hat-1 G750 L Orbit 2	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Hat-1 G750 L Orbit 2	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		284 Secs X 9			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Hat-1 G750 L Orbit 3	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Hat-1 G750L (20) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Hat-1 G750 L Orbit 3	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	284 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Hat-1 G750 L Orbit 4	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Hat-1 G750 L Orbit 4	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	284 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	Hat-1 G750 L Orbit 5	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	Hat-1 G750 L Orbit 5	(4) HAT-P-1	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	284 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							

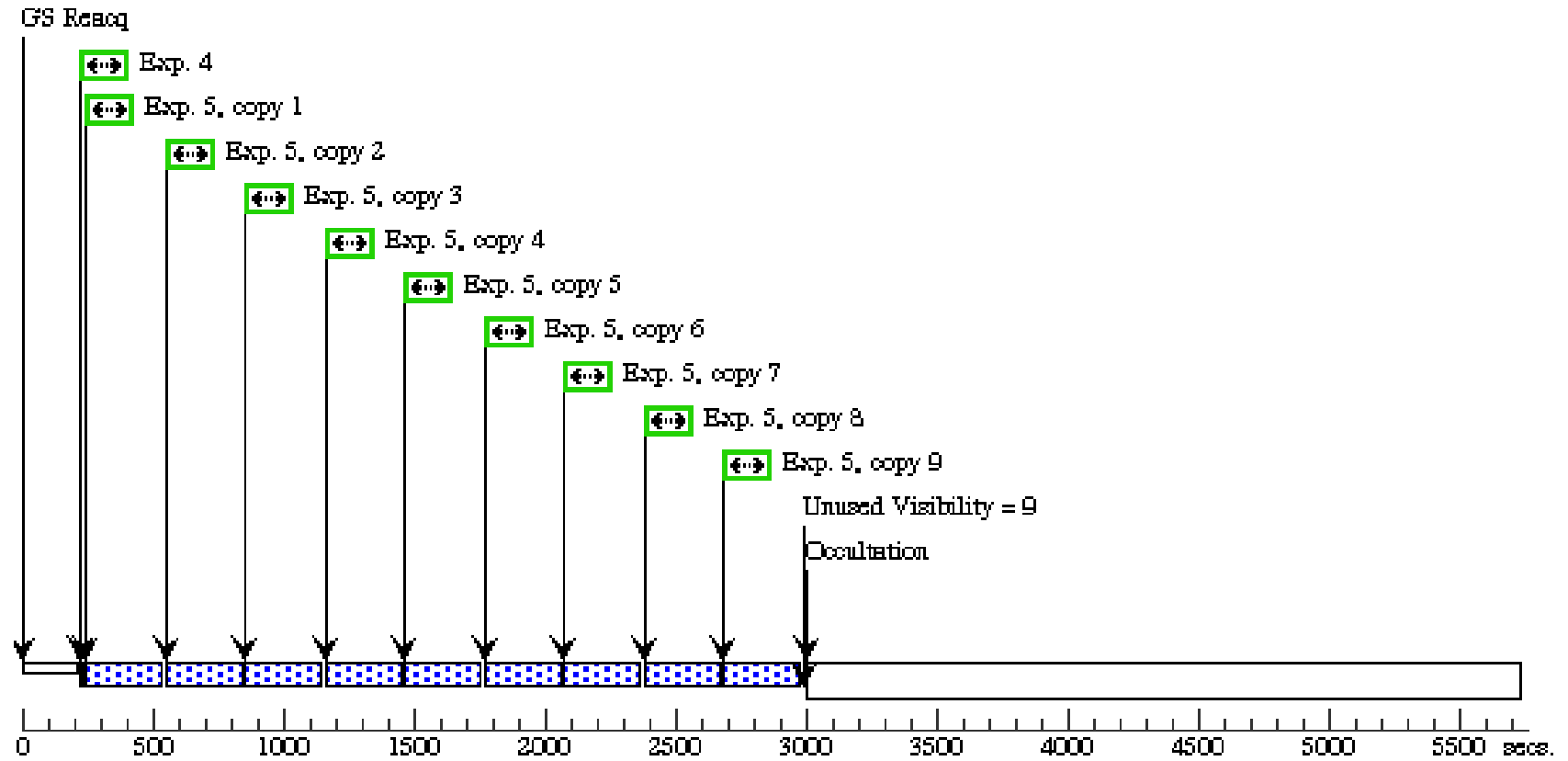
Proposal 12473 - Hat-1 G750L (20) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	240 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]



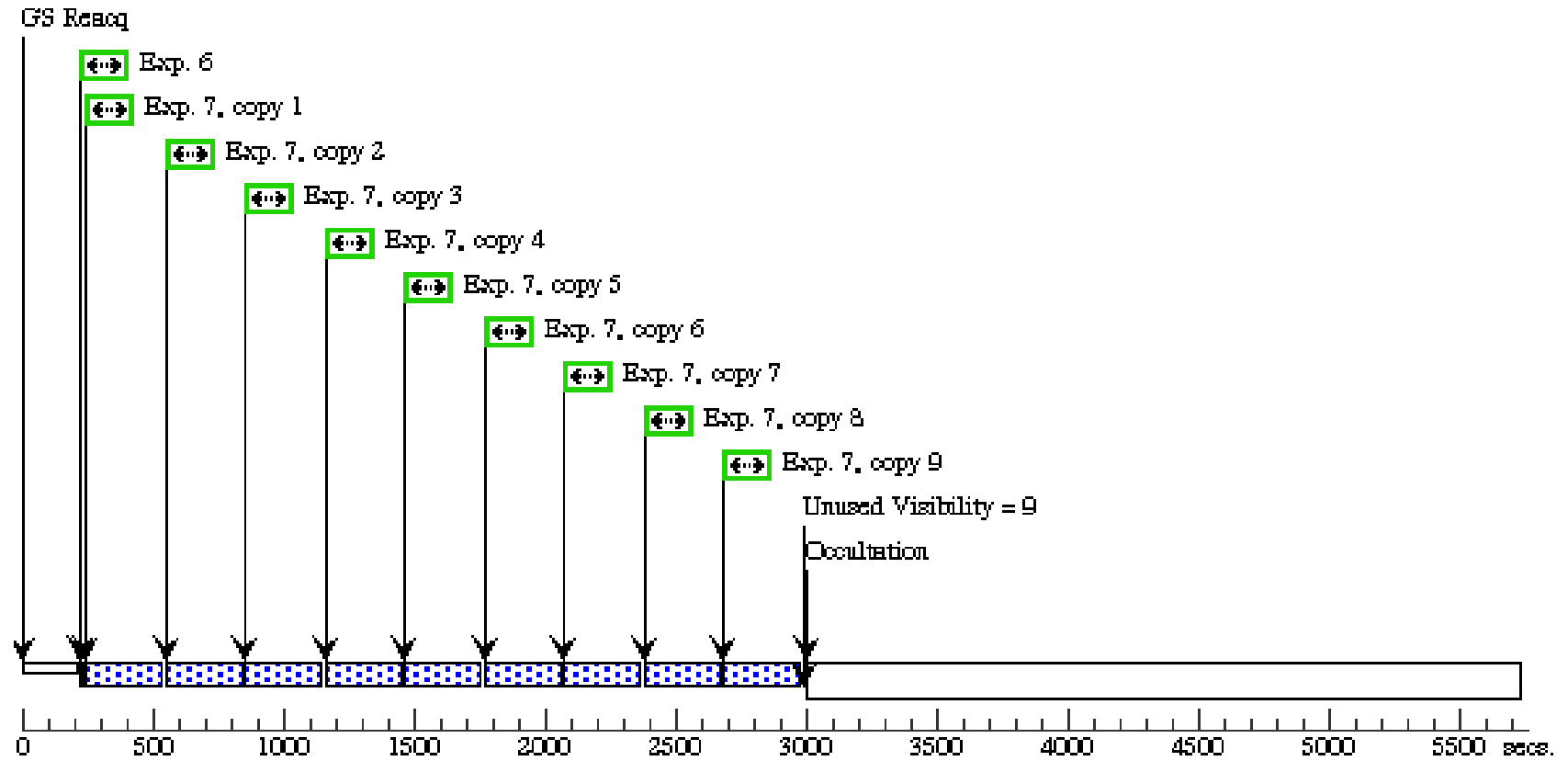
Orbit 2

Server Version: 20121031



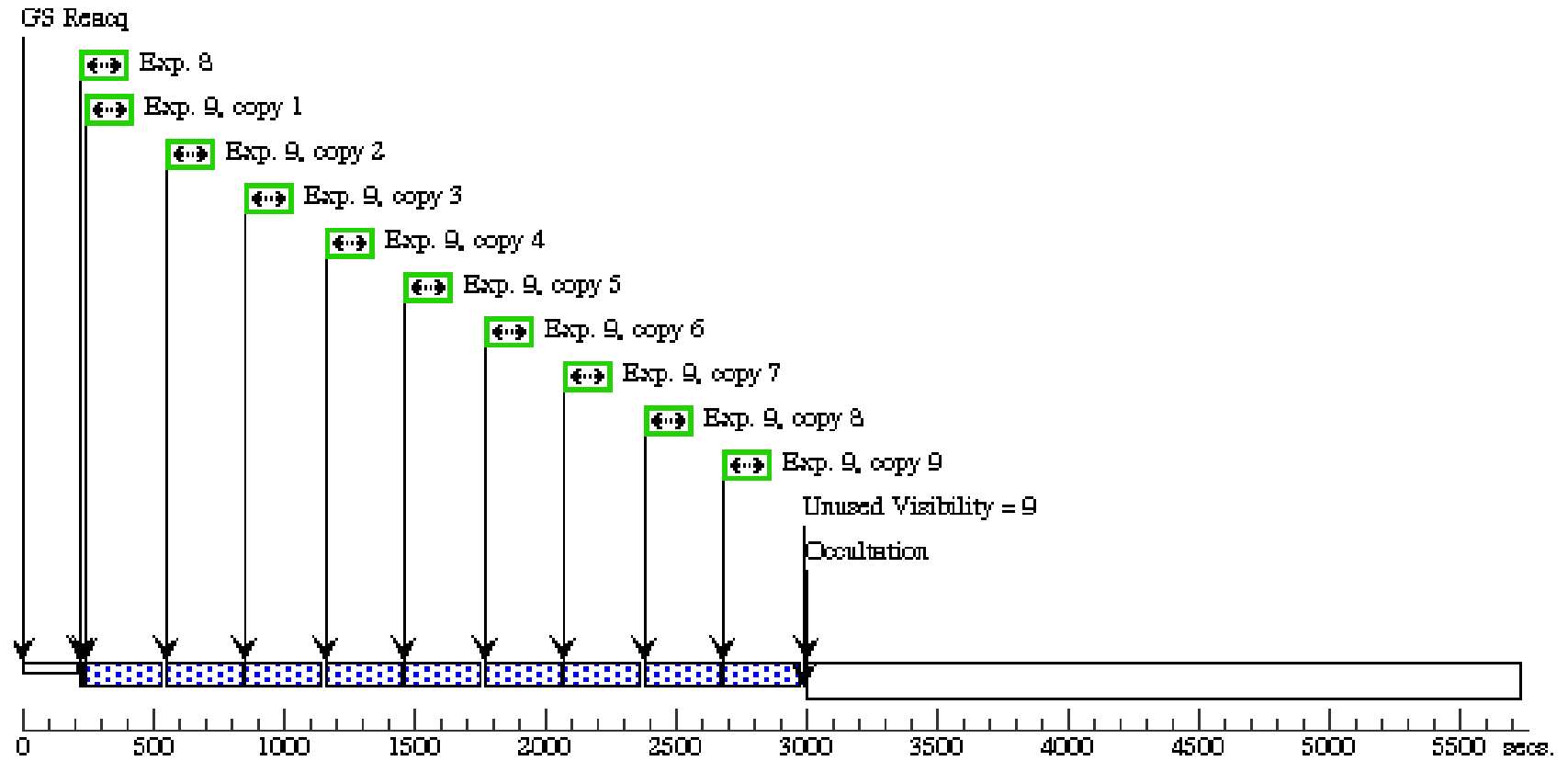
Orbit 3

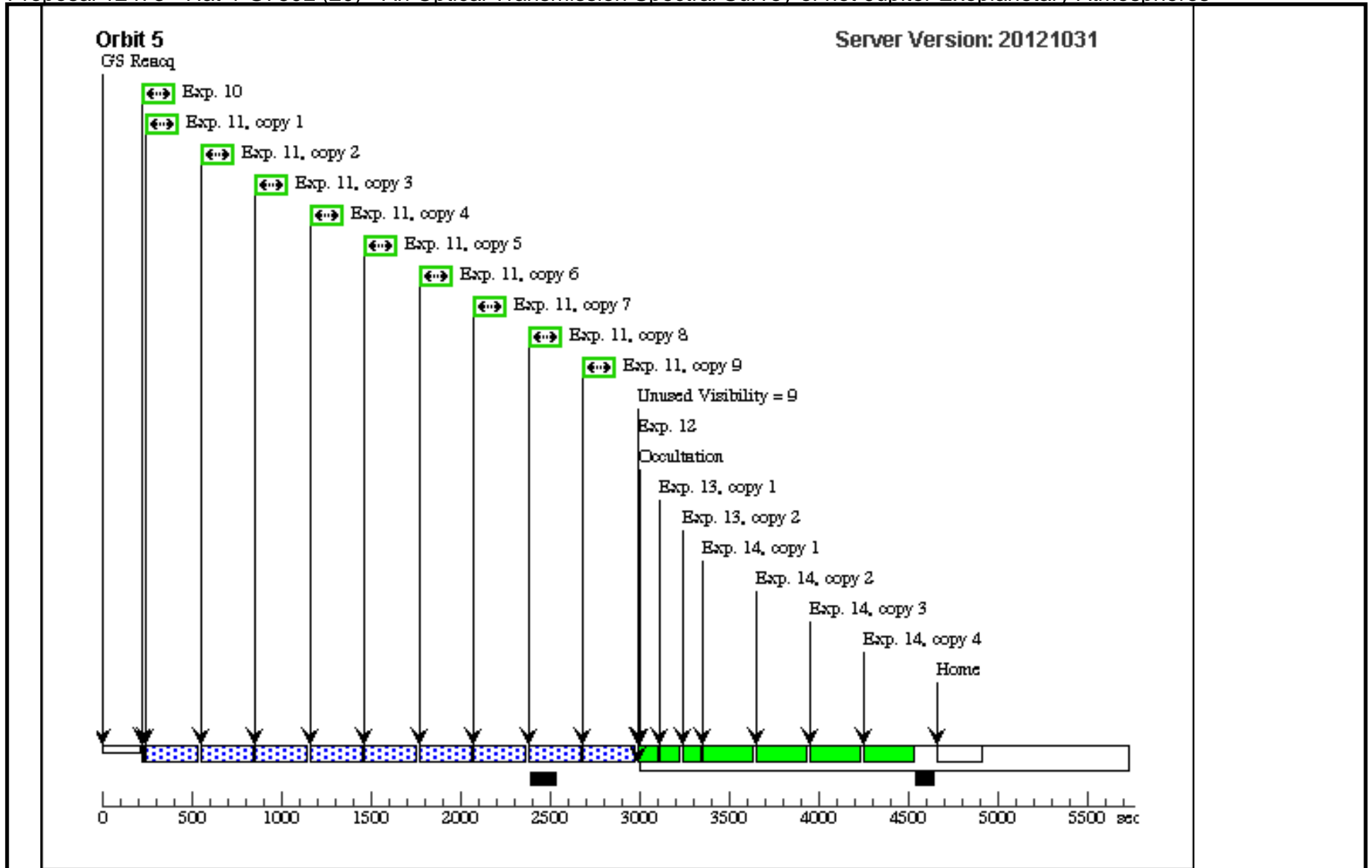
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-6 G750L (21) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Visit	<p>Proposal 12473, Wasp-6 G750L (21), completed Thu Jan 17 02:30:03 GMT 2013</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: SCHED 100%; Period 3.3610060 D AND ZERO-PHASE HJD2454596.43267</p> <p><i>Comments: Wasp6. G750L. Third of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	WASP-6	RA: 23 12 37.7390 (348.1572458d) Dec: -22 40 26.29 (-22.67397d) Equinox: J2000	Proper Motion RA: -21.9 mas/yr Proper Motion Dec: -34.5 mas/yr Epoch of Position: 2000.0	V=11.9	Reference Frame: ICRS

Proposal 12473 - Wasp-6 G750L (21) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

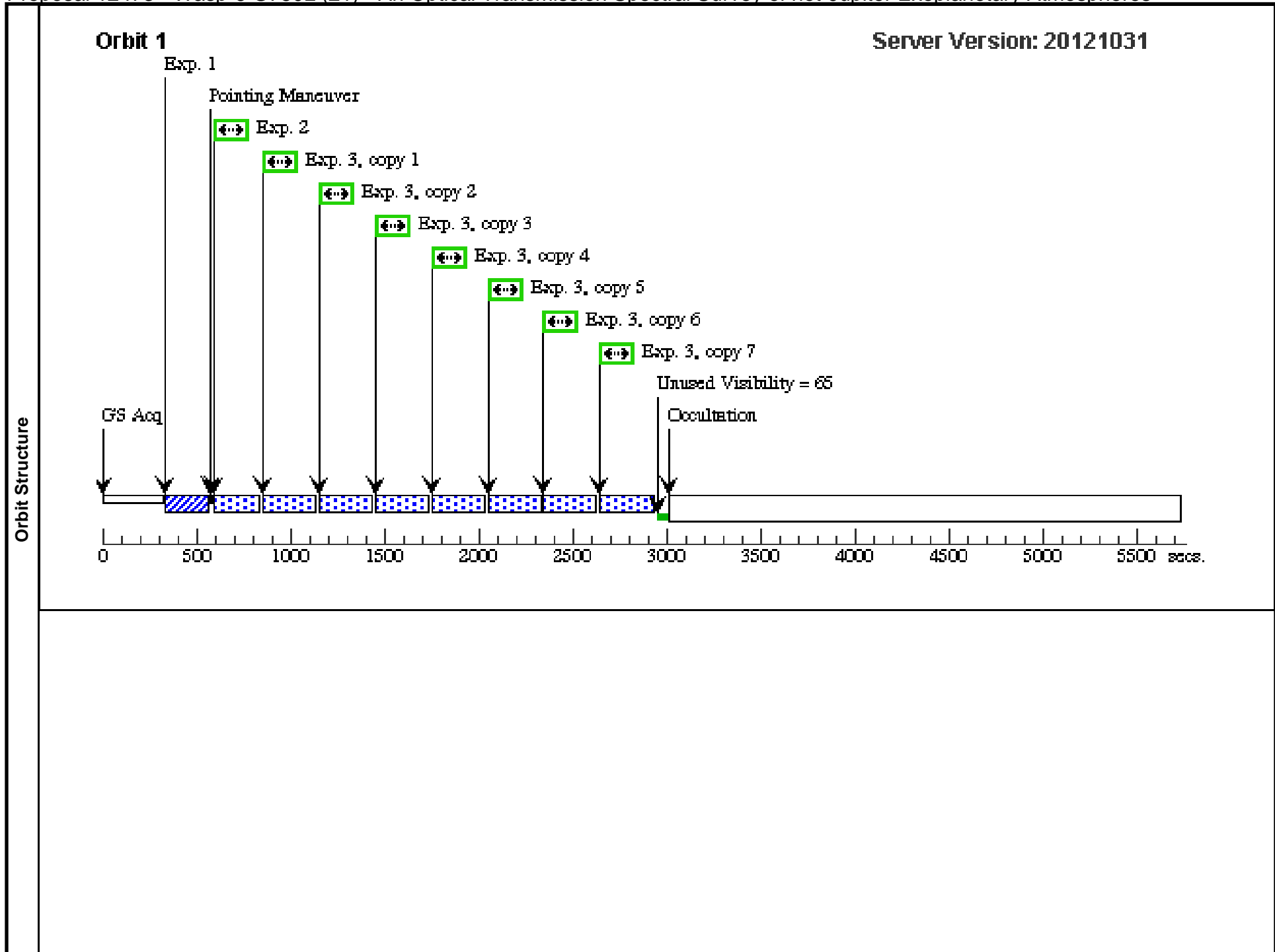
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(5) WASP-6	STIS/CCD, ACQ, F28X50LP	MIRROR			1.1 Secs		
						PHASE 0.9435 TO 0.9473		[==>]	[1]	
	2	Wasp-6 G75 0L Orbit 1	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		106 Secs		
								[==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp-6 G75 0L Orbit 1	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 7		
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]		
4	Wasp-6 G75 0L Orbit 2	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[2]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										
5	Wasp-6 G75 0L Orbit 2	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 9			
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Wasp-6 G75 0L Orbit 3	(5) WASP-6	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs			
							[==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Wasp-6 G750L (21) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp-6 G75 (5) WASP-6 0L Orbit 3	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Wasp-6 G75 (5) WASP-6 0L Orbit 4	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
9	Wasp-6 G75 (5) WASP-6 0L Orbit 4	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	Wasp-6 G75 (5) WASP-6 0L Orbit 5	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
11	Wasp-6 G75 (5) WASP-6 0L Orbit 5	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>						

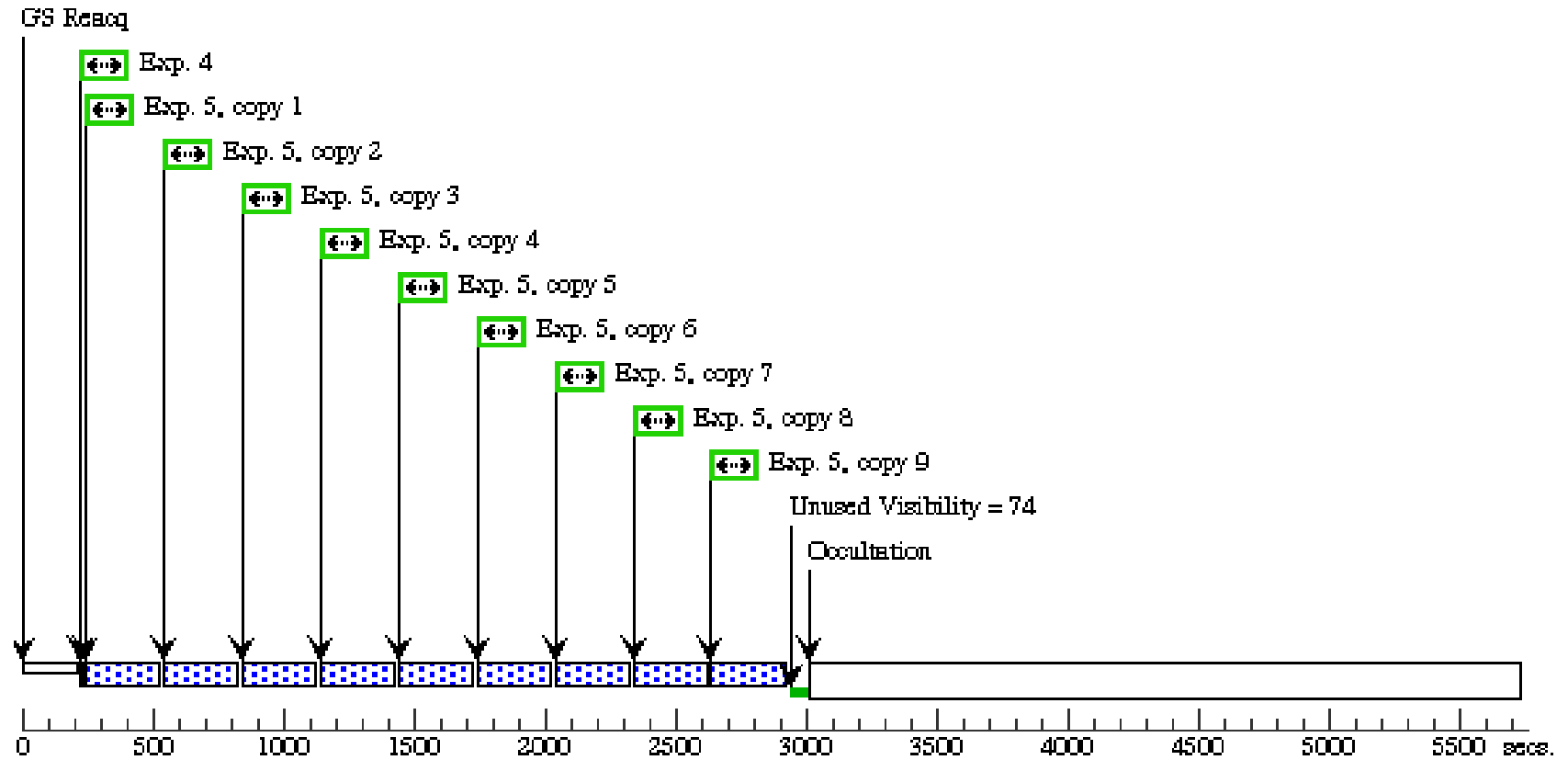
Proposal 12473 - Wasp-6 G750L (21) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	240 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]



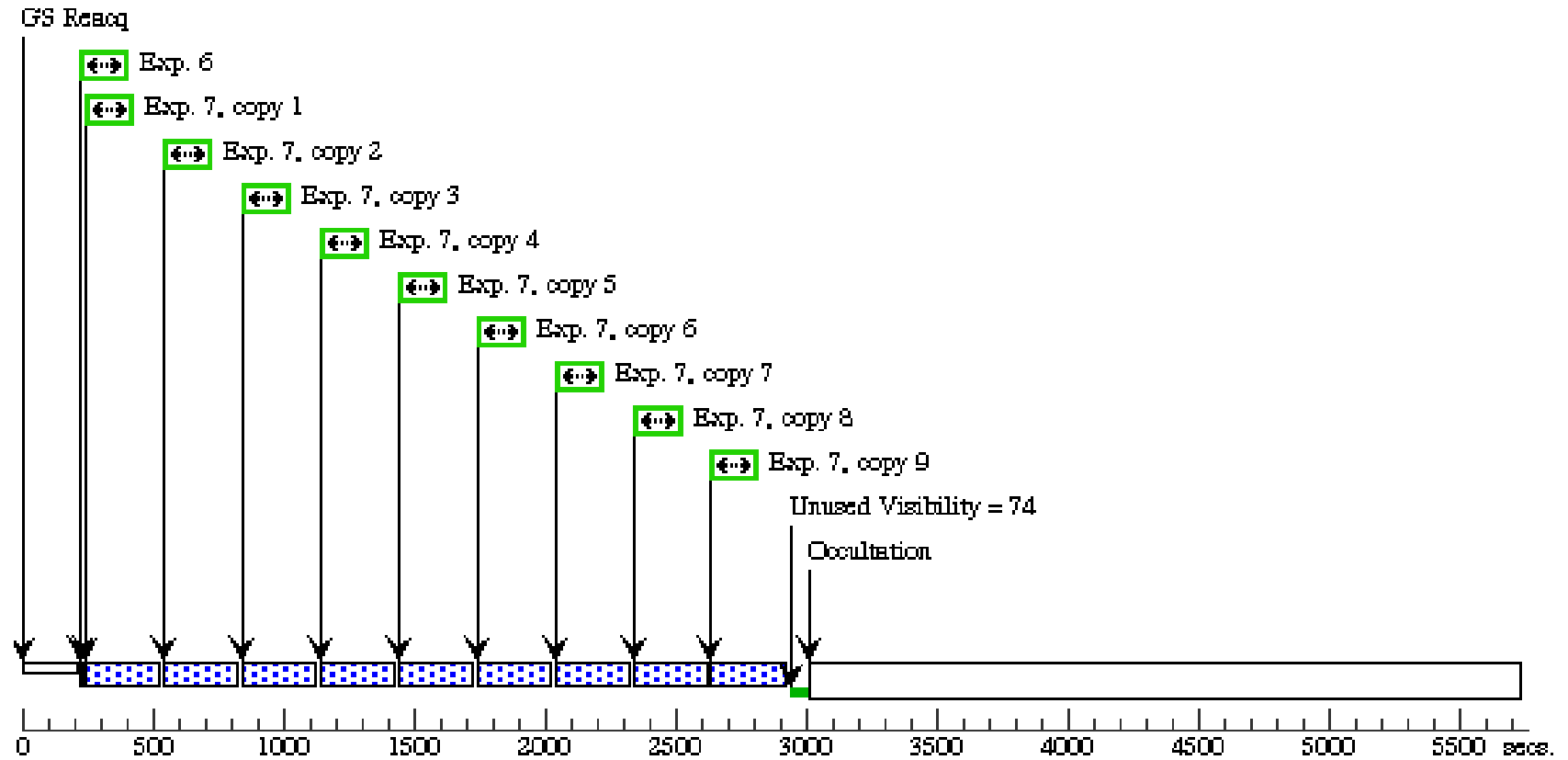
Orbit 2

Server Version: 20121031



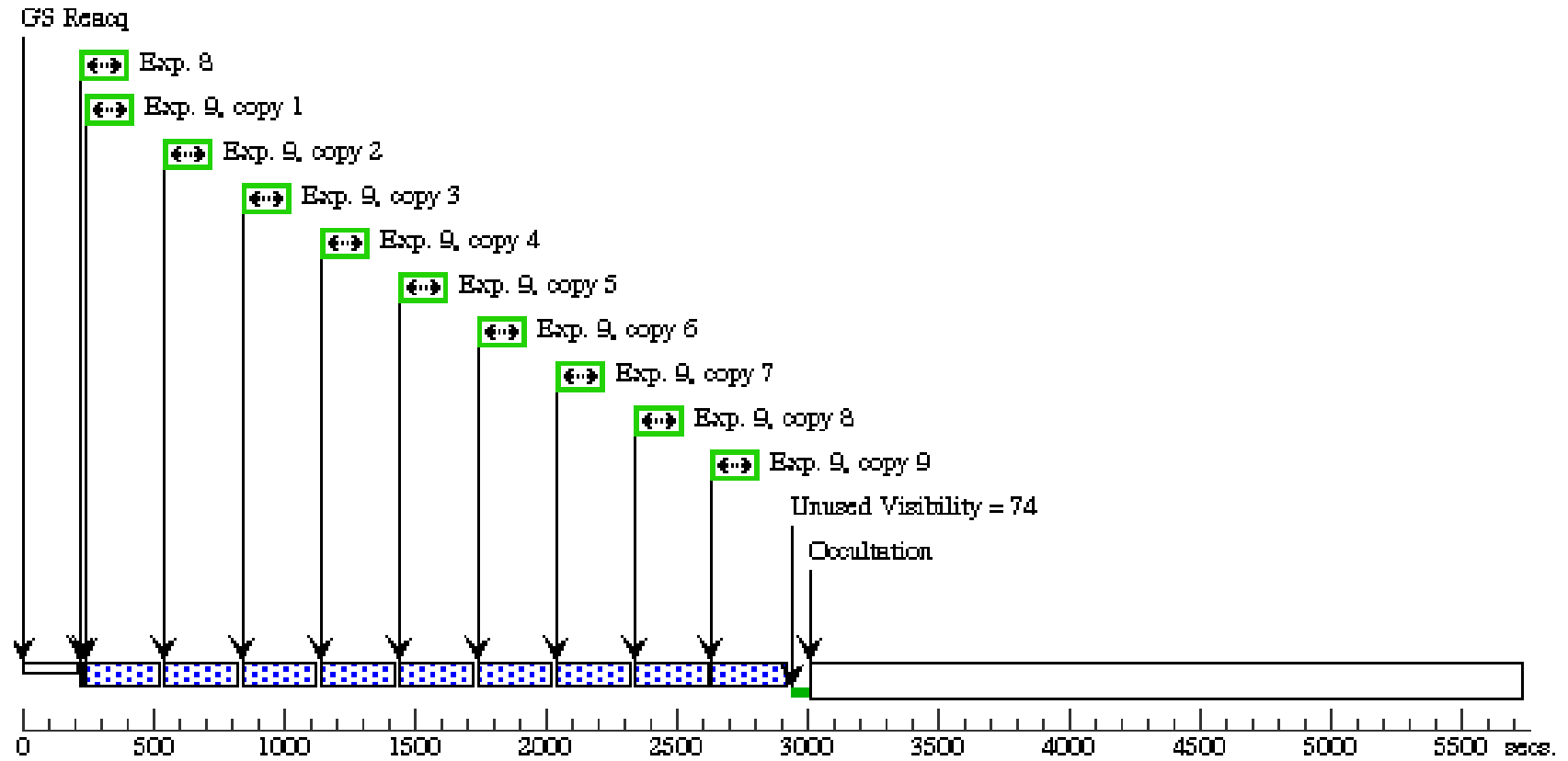
Orbit 3

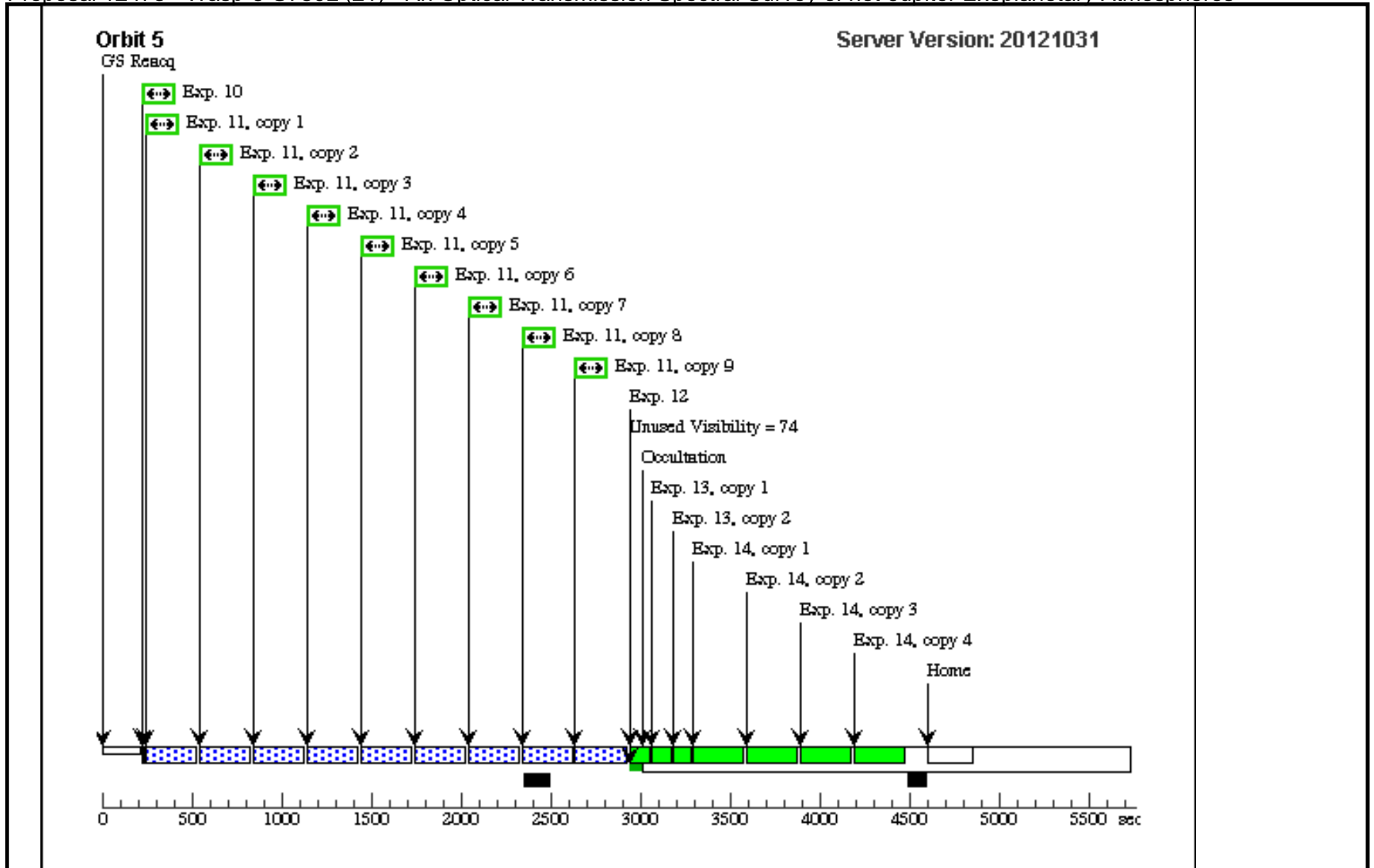
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Hat-12 G750L (22) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Visit	Proposal 12473, Hat-12 G750L (22), scheduling Thu Jan 17 02:30:08 GMT 2013 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; Period 3.21305961 D AND ZERO-PHASE HJD2454187.85560 <i>Comments: Hat12. G750L. Third of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i>																
	Diagnosics (Hat-12 G750L (22)) Warning (Orbit Planner): VISIBILITY OVERRUN (Hat-12 G750L (22)) Warning (Orbit Planner): VISIBILITY OVERRUN (Hat-12 G750L (22)) Warning (Orbit Planner): VISIBILITY OVERRUN (Hat-12 G750L (22)) Warning (Orbit Planner): VISIBILITY OVERRUN																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>HAT-P-12</td> <td>RA: 13 57 33.4800 (209.3895000d) Dec: +43 29 36.70 (43.49353d) Equinox: J2000</td> <td>Proper Motion RA: -132 mas/yr Proper Motion Dec: -38 mas/yr Epoch of Position: 2000.0</td> <td>V=12.84</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	HAT-P-12	RA: 13 57 33.4800 (209.3895000d) Dec: +43 29 36.70 (43.49353d) Equinox: J2000	Proper Motion RA: -132 mas/yr Proper Motion Dec: -38 mas/yr Epoch of Position: 2000.0	V=12.84	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(6)	HAT-P-12	RA: 13 57 33.4800 (209.3895000d) Dec: +43 29 36.70 (43.49353d) Equinox: J2000	Proper Motion RA: -132 mas/yr Proper Motion Dec: -38 mas/yr Epoch of Position: 2000.0	V=12.84	Reference Frame: ICRS												

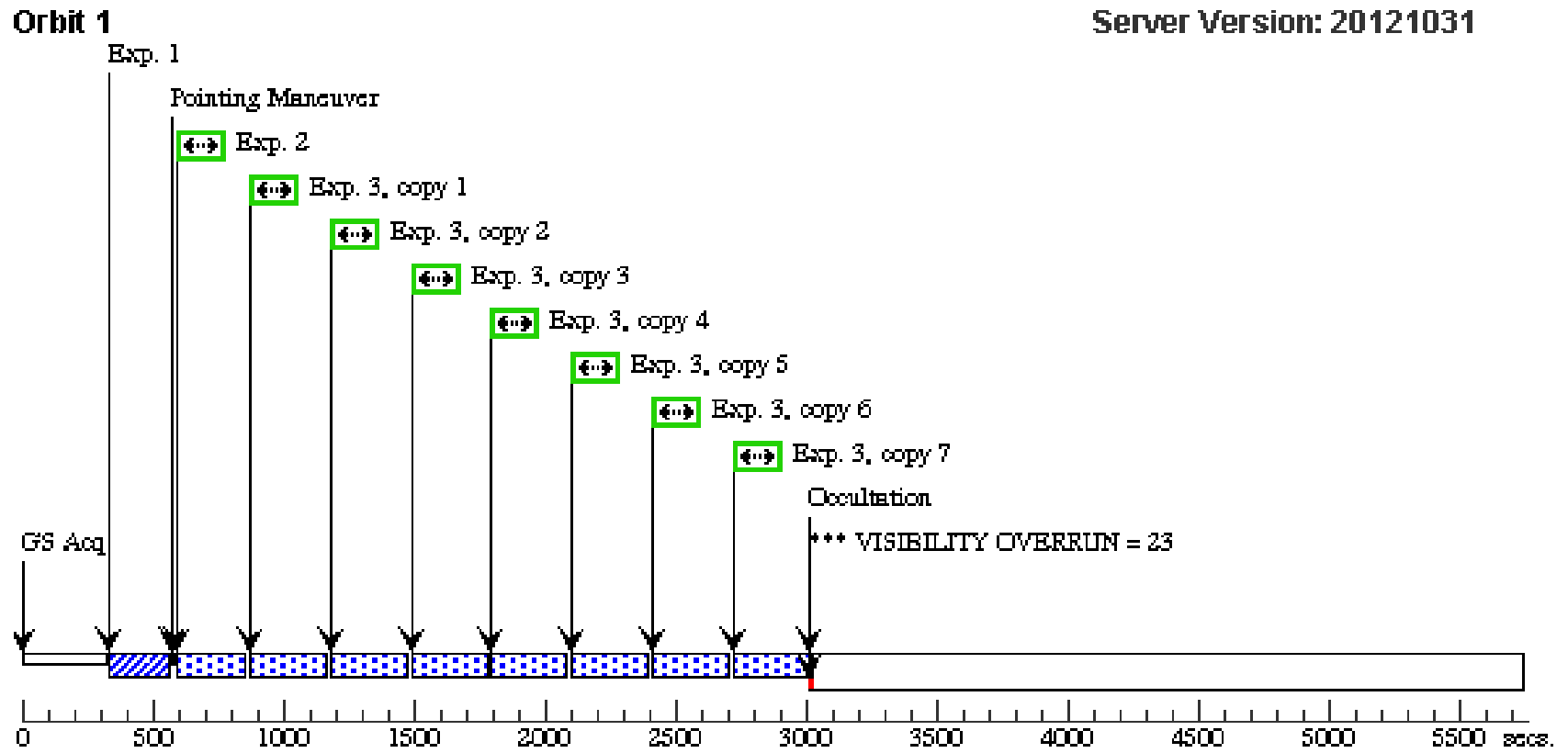
Proposal 12473 - Hat-12 G750L (22) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(6) HAT-P-12	STIS/CCD, ACQ, F28X50LP	MIRROR	PHASE 0.9507 TO 0.9556; GS ACQ SCENARIO BASE1B3		1.3 Secs [==>]	[1]	
	2	Hat-12 G750L Orbit 1	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		126 Secs [==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Hat-12 G750L Orbit 1	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		287 Secs X 7 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]	
	4	Hat-12 G750L Orbit 2	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[2]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
5	Hat-12 G750L Orbit 2	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		287 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Hat-12 G750L Orbit 3	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Hat-12 G750L (22) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

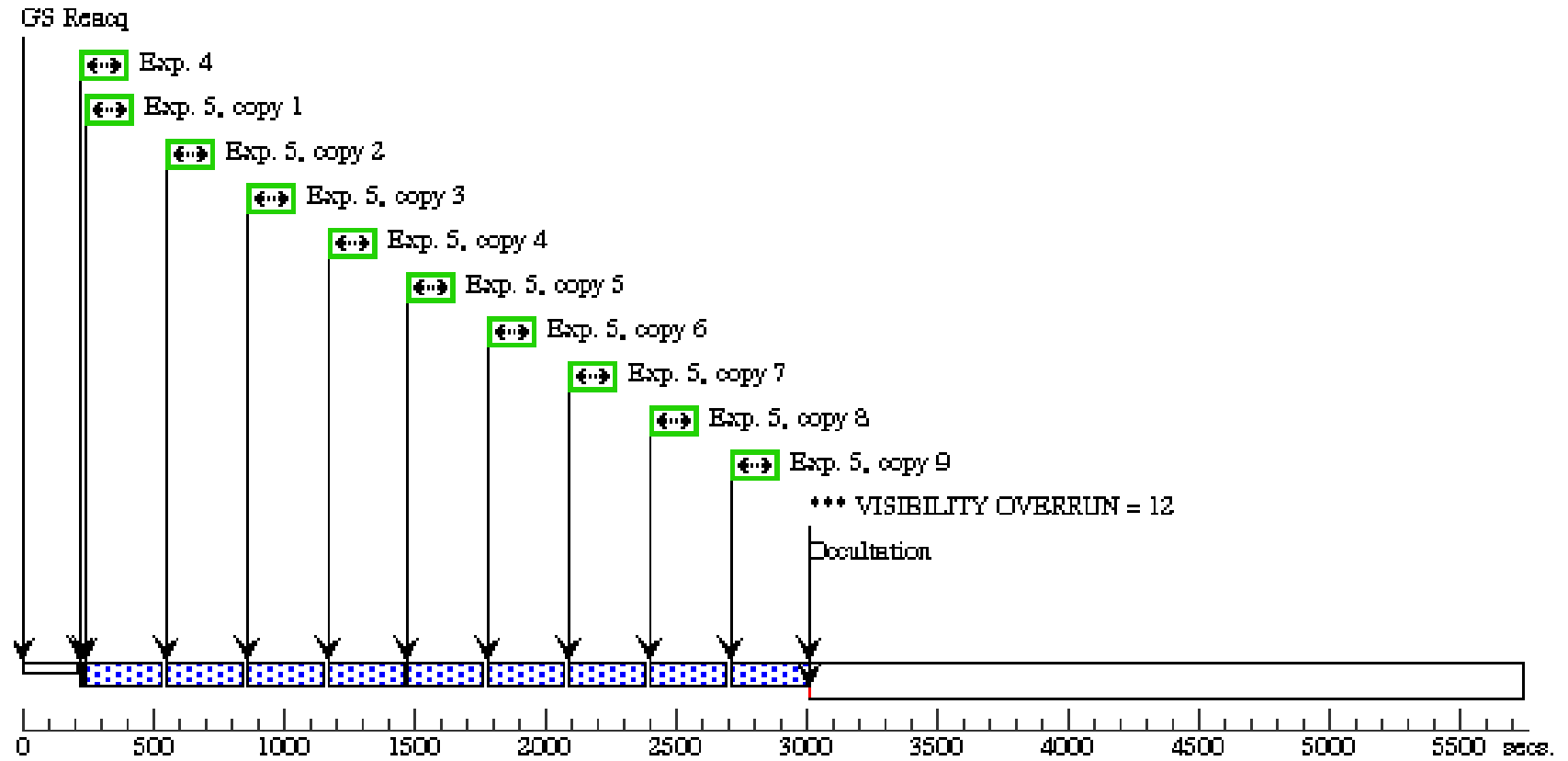
7	Hat-12 G75 0L Orbit 3	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	287 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Hat-12 G75 0L Orbit 4	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Hat-12 G75 0L Orbit 4	(6) HAT-P-12	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	287 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							
11	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		[==>(Copy 1)] [==>(Copy 2)]	[4]
12	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	240 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[4]

Orbit Structure



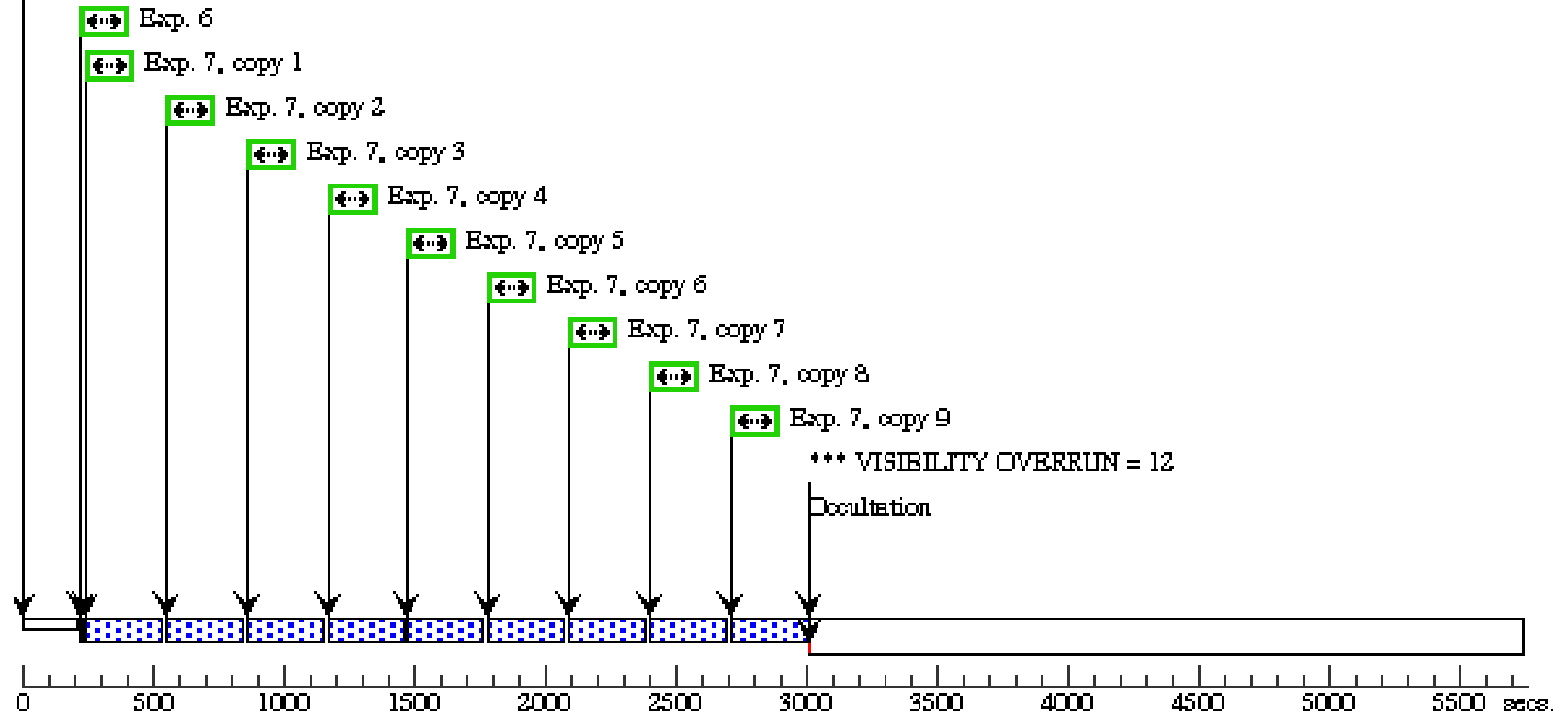
Orbit 2

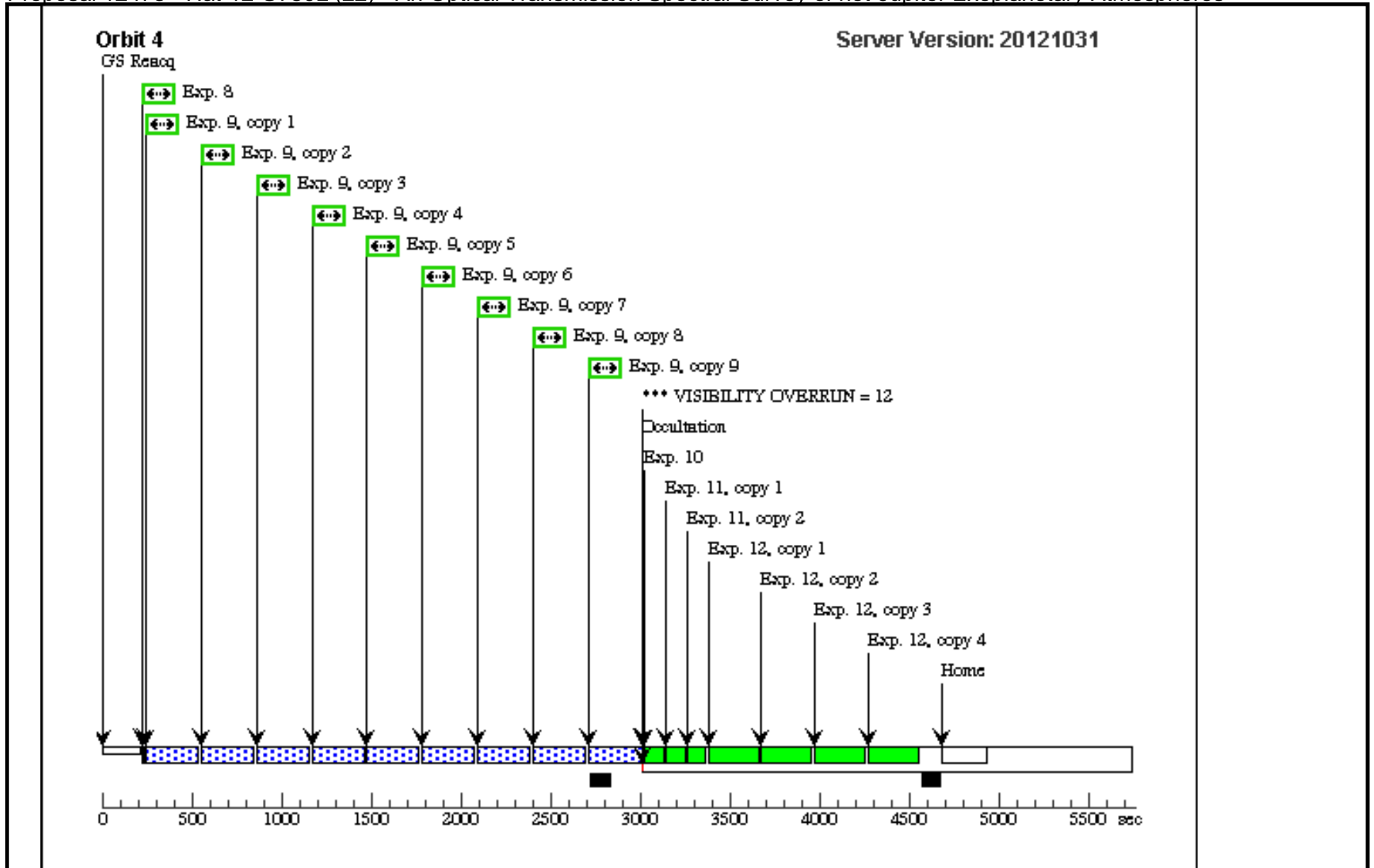
Server Version: 20121031



Orbit 3

GS Reacq





Proposal 12473 - Wasp-39 G750L (23) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Visit	Proposal 12473, Wasp-39 G750L (23), scheduling Thu Jan 17 02:30:13 GMT 2013 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; Period 4.055259 D AND ZERO-PHASE HJD2455342.9688 <i>Comments: Wasp39. G750L. Third of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	WASP-39	RA: 14 29 18.4080 (217.3267000d) Dec: -03 26 40.17 (-3.44449d) Equinox: J2000	Proper Motion RA: -12.3 mas/yr Proper Motion Dec: 2.8 mas/yr Epoch of Position: 2000	V=12.09	Reference Frame: ICRS

Proposal 12473 - Wasp-39 G750L (23) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

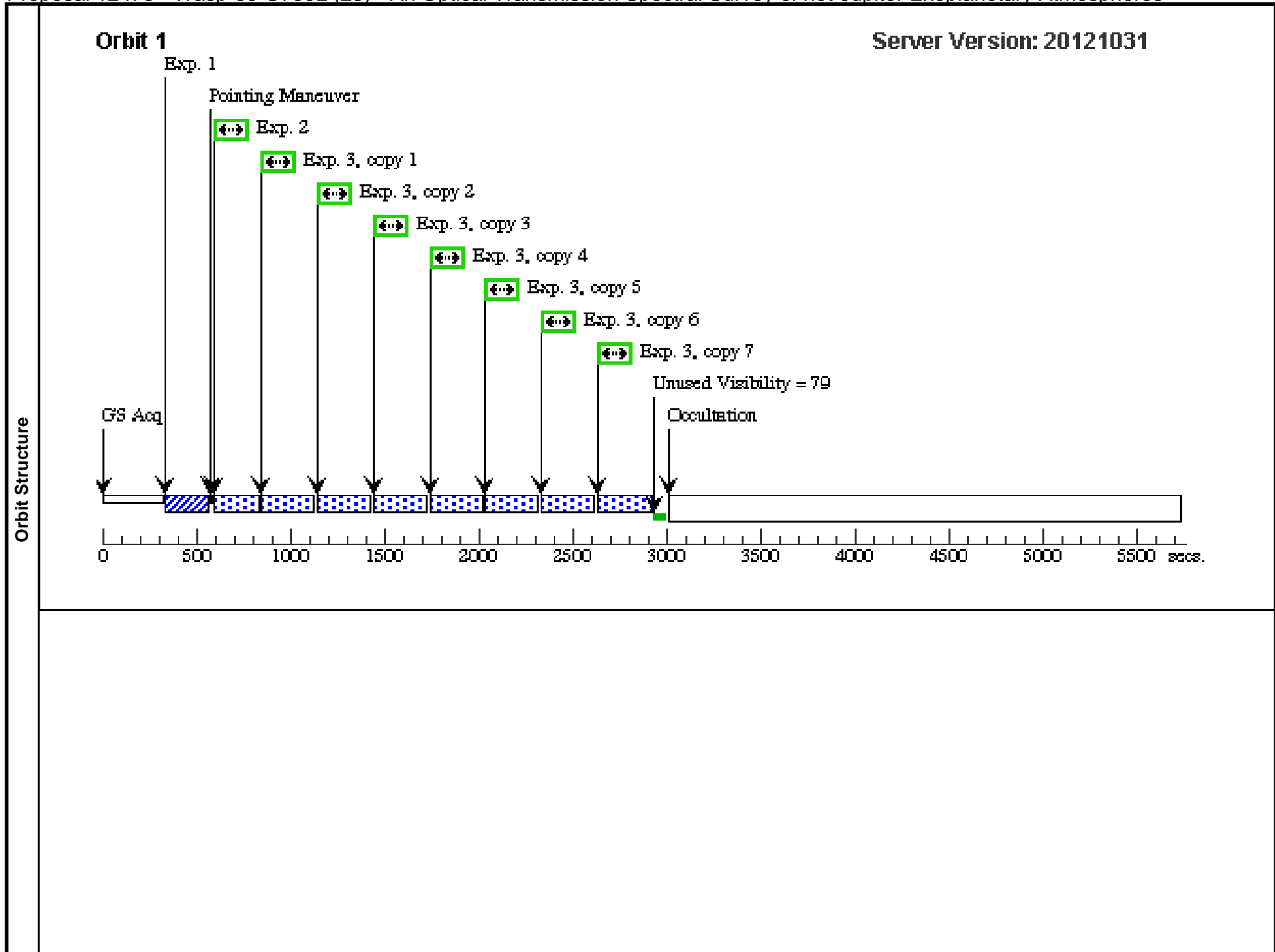
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(7) WASP-39	STIS/CCD, ACQ, F28X50LP	MIRROR	PHASE 0.9500 TO 0.9566; GS ACQ SCENARIO BASE1B3		0.8 Secs [==>]	[1]	
	2	Wasp-39 G7 50L Orbit 1	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		101 Secs [==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp-39 G7 50L Orbit 1	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		277 Secs X 7 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]	
	4	Wasp-39 G7 50L Orbit 2	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[2]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
5	Wasp-39 G7 50L Orbit 2	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Wasp-39 G7 50L Orbit 3	(7) WASP-39	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Wasp-39 G750L (23) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp-39 G7 (7) WASP-39 50L Orbit 3	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Wasp-39 G7 (7) WASP-39 50L Orbit 4	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
9	Wasp-39 G7 (7) WASP-39 50L Orbit 4	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	Wasp-39 G7 (7) WASP-39 50L Orbit 5	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
11	Wasp-39 G7 (7) WASP-39 50L Orbit 5	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	277 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>						

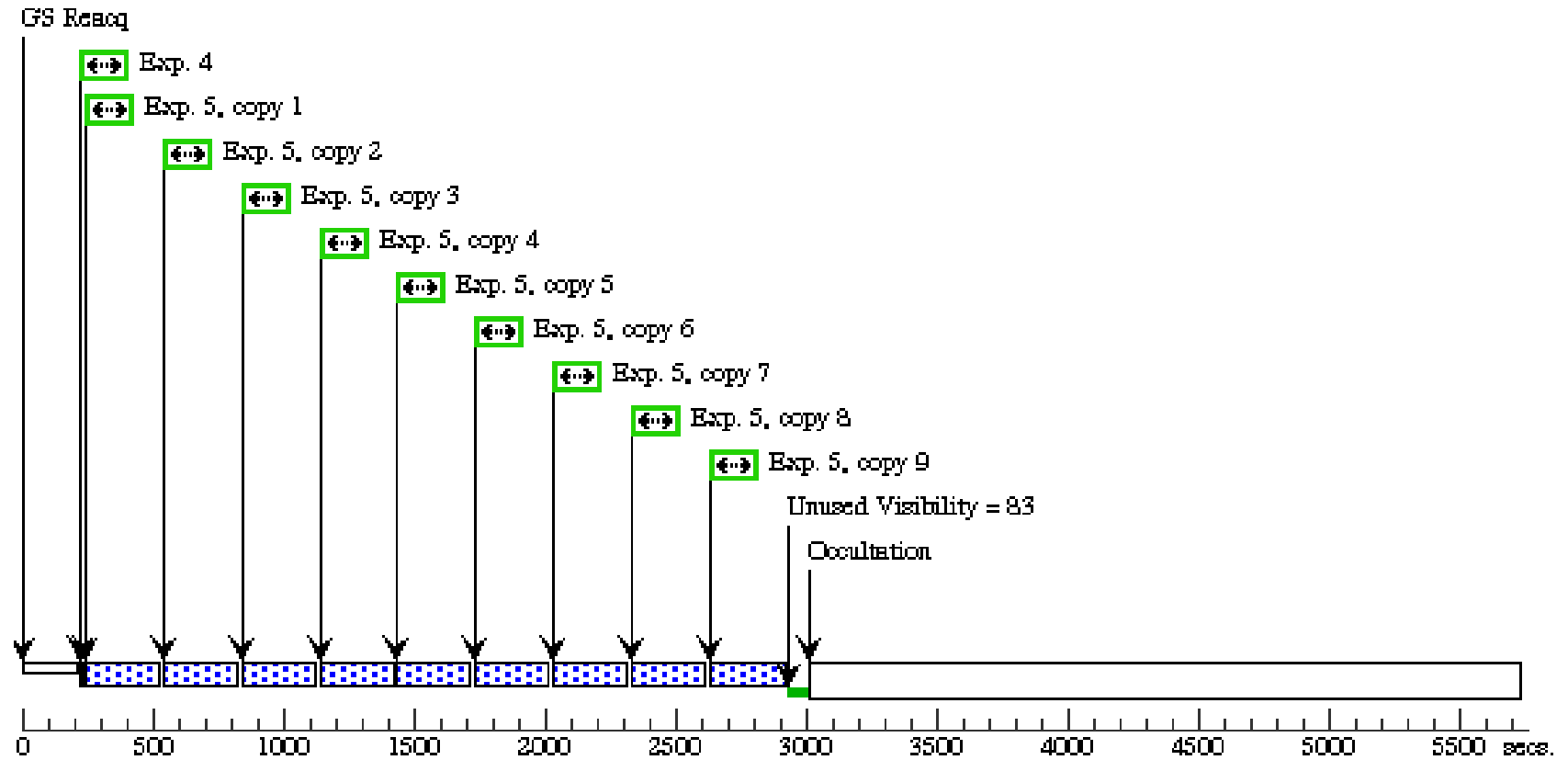
Proposal 12473 - Wasp-39 G750L (23) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	240 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]



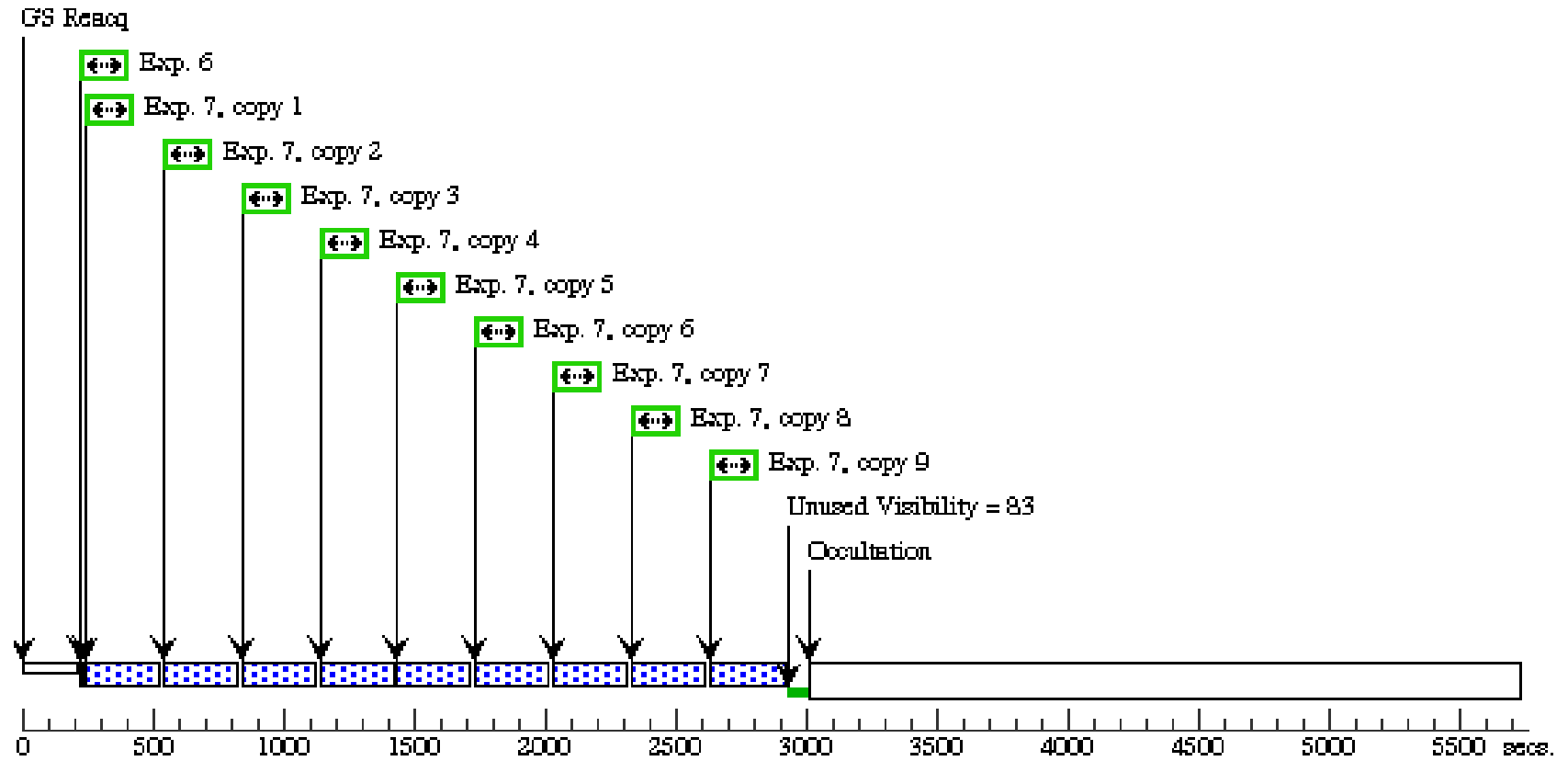
Orbit 2

Server Version: 20121031



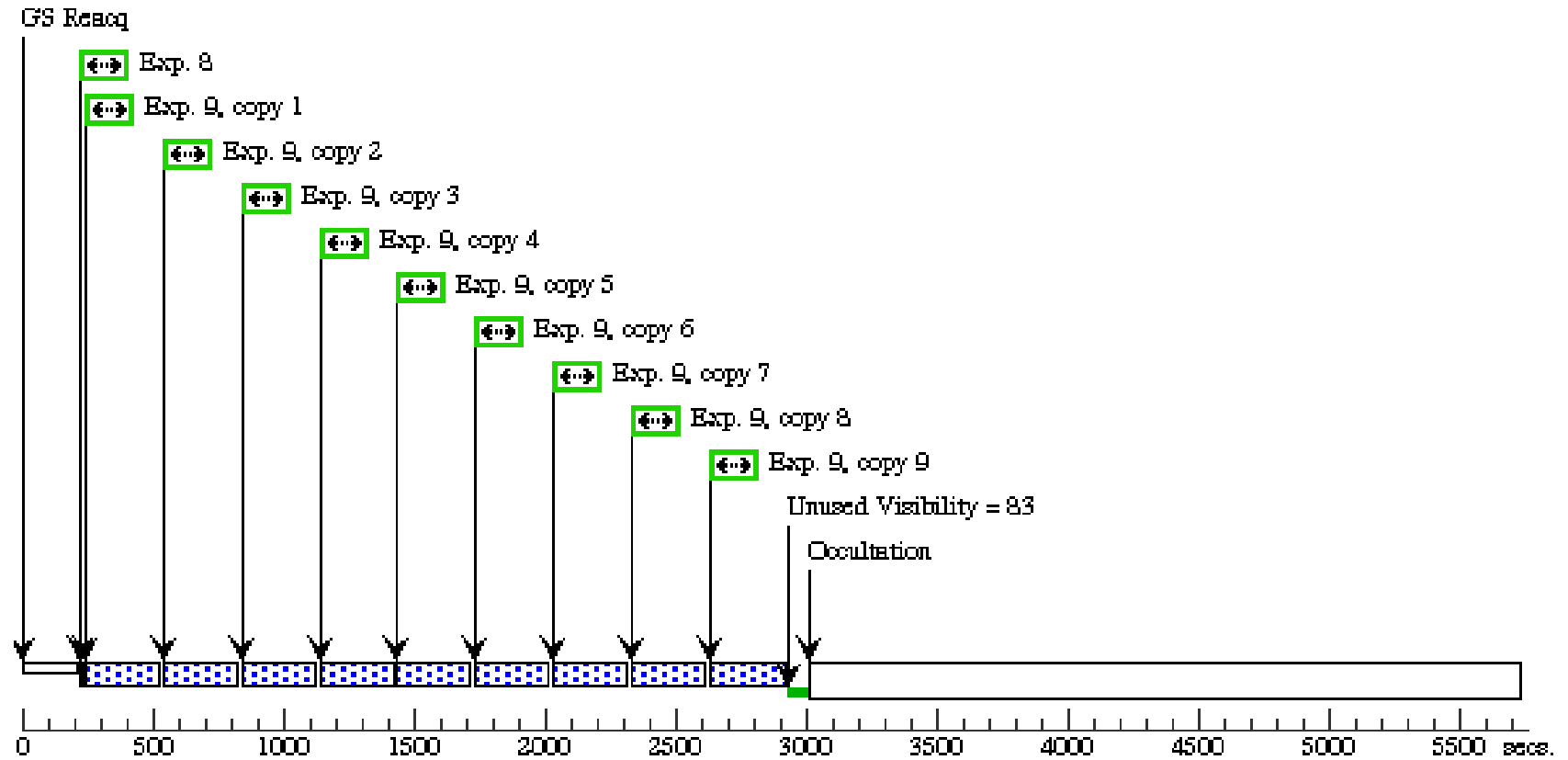
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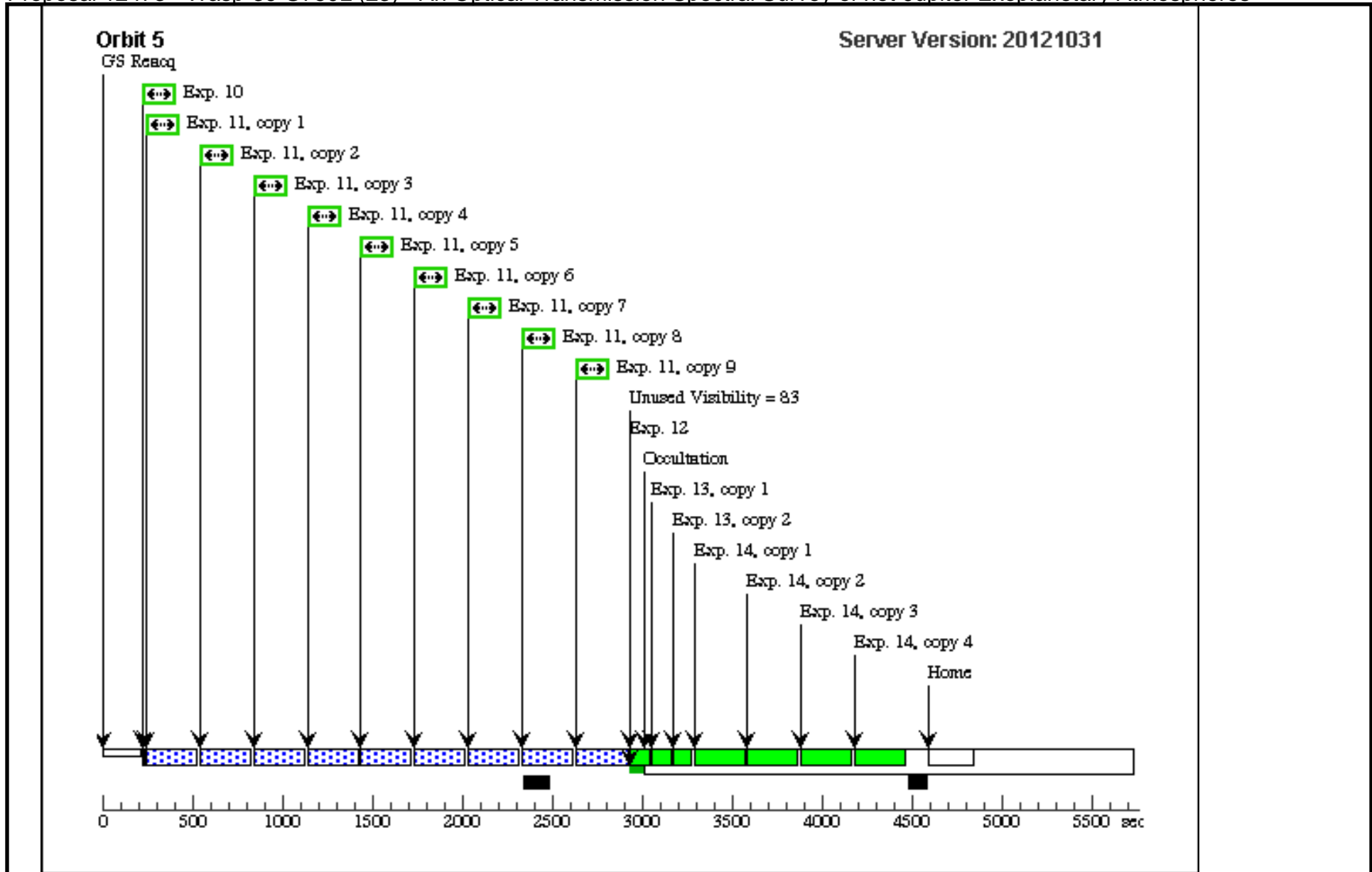
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-31 G750L (24) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Visit	<p>Proposal 12473, Wasp-31 G750L (24), completed Thu Jan 17 02:30:18 GMT 2013</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: STIS/CCD</p> <p>Special Requirements: SCHED 100%; Period 3.4059096 D AND ZERO-PHASE HJD2455192.6887</p> <p><i>Comments: Wasp31. G750L. Third of 3 STIS visits. It is essential that the five orbits be scheduled in a continuous block.</i></p>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	WASP-31	RA: 11 17 45.3570 (169.4389875d) Dec: -19 03 17.21 (-19.05478d) Equinox: J2000	Proper Motion RA: -29.1 mas/yr Proper Motion Dec: -3.3 mas/yr Epoch of Position: 2000	V=11.66	Reference Frame: ICRS

Proposal 12473 - Wasp-31 G750L (24) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

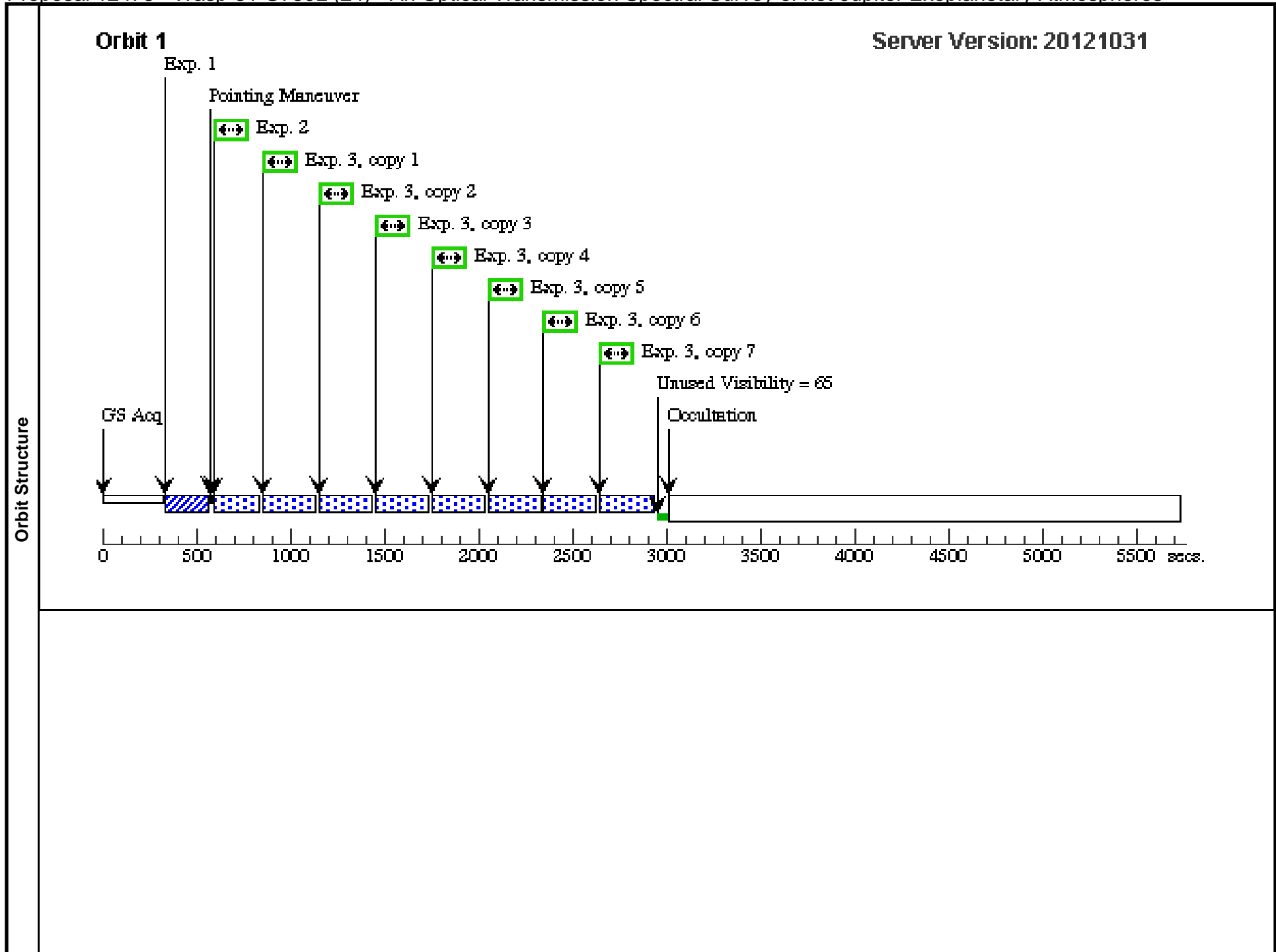
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
Exposures	1	ACQ, phase constrained	(8) WASP-31	STIS/CCD, ACQ, F28X50LP	MIRROR	PHASE 0.9369 TO 0.9413; GS ACQ SCENARI O BASE1B3		0.6 Secs [==>]	[1]	
	2	Wasp-31 G7 50L Orbit 1	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		108 Secs [==>]	[1]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	Wasp-31 G7 50L Orbit 1	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 7 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[1]	
	4	Wasp-31 G7 50L Orbit 2	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[2]	
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
5	Wasp-31 G7 50L Orbit 2	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[2]		
6	Wasp-31 G7 50L Orbit 3	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		1 Secs [==>]	[3]		
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>										

Proposal 12473 - Wasp-31 G750L (24) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

7	Wasp-31 G7 50L Orbit 3	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[3]
8	Wasp-31 G7 50L Orbit 4	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	Wasp-31 G7 50L Orbit 4	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[4]
10	Wasp-31 G7 50L Orbit 5	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	Wasp-31 G7 50L Orbit 5	(8) WASP-31	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	278 Secs X 9 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[5]
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled</i>							

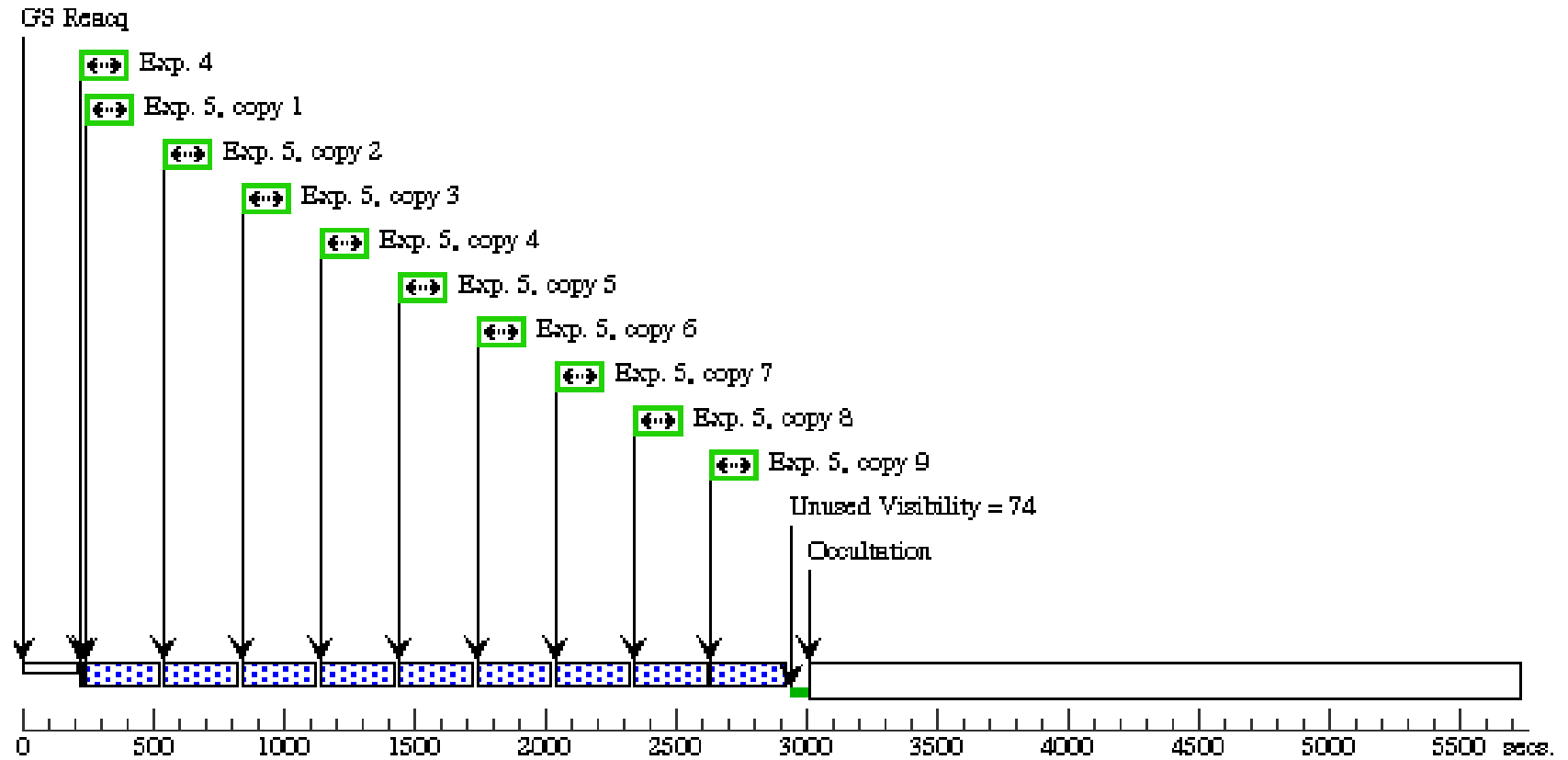
Proposal 12473 - Wasp-31 G750L (24) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	240 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]
<p><i>Comments: Expected peak count level = 50,000 e-</i></p>							



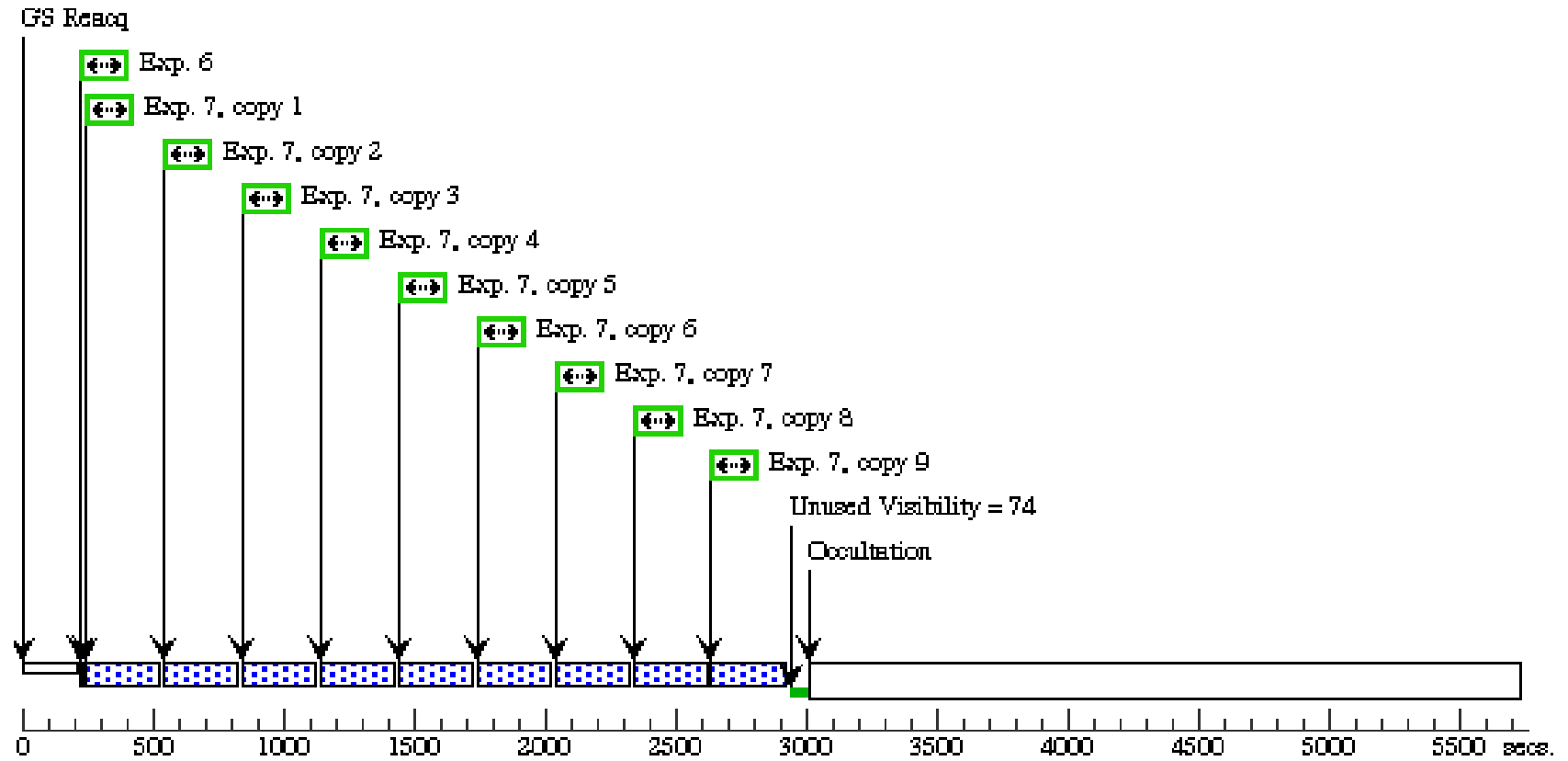
Orbit 2

Server Version: 20121031



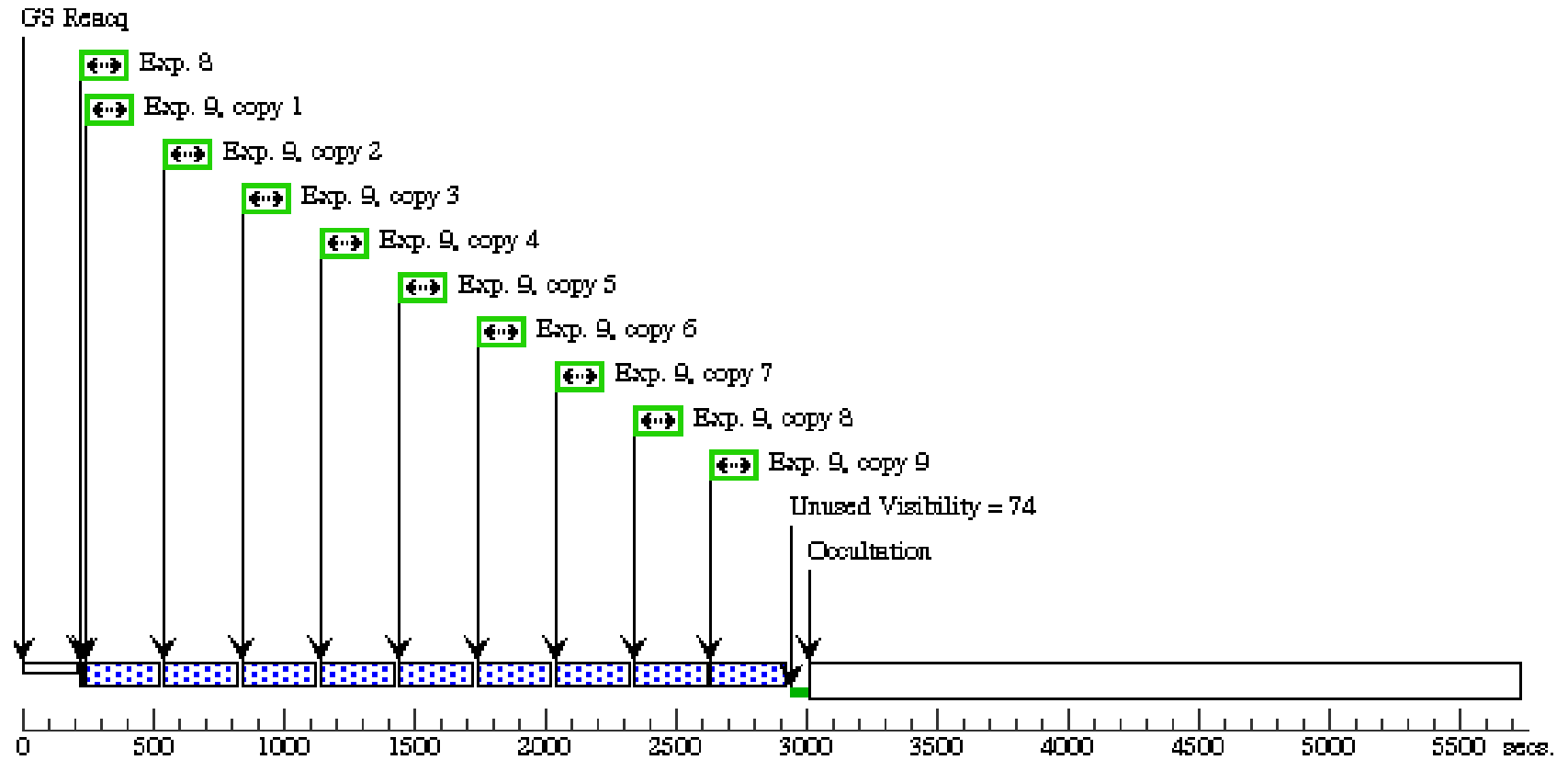
Orbit 3

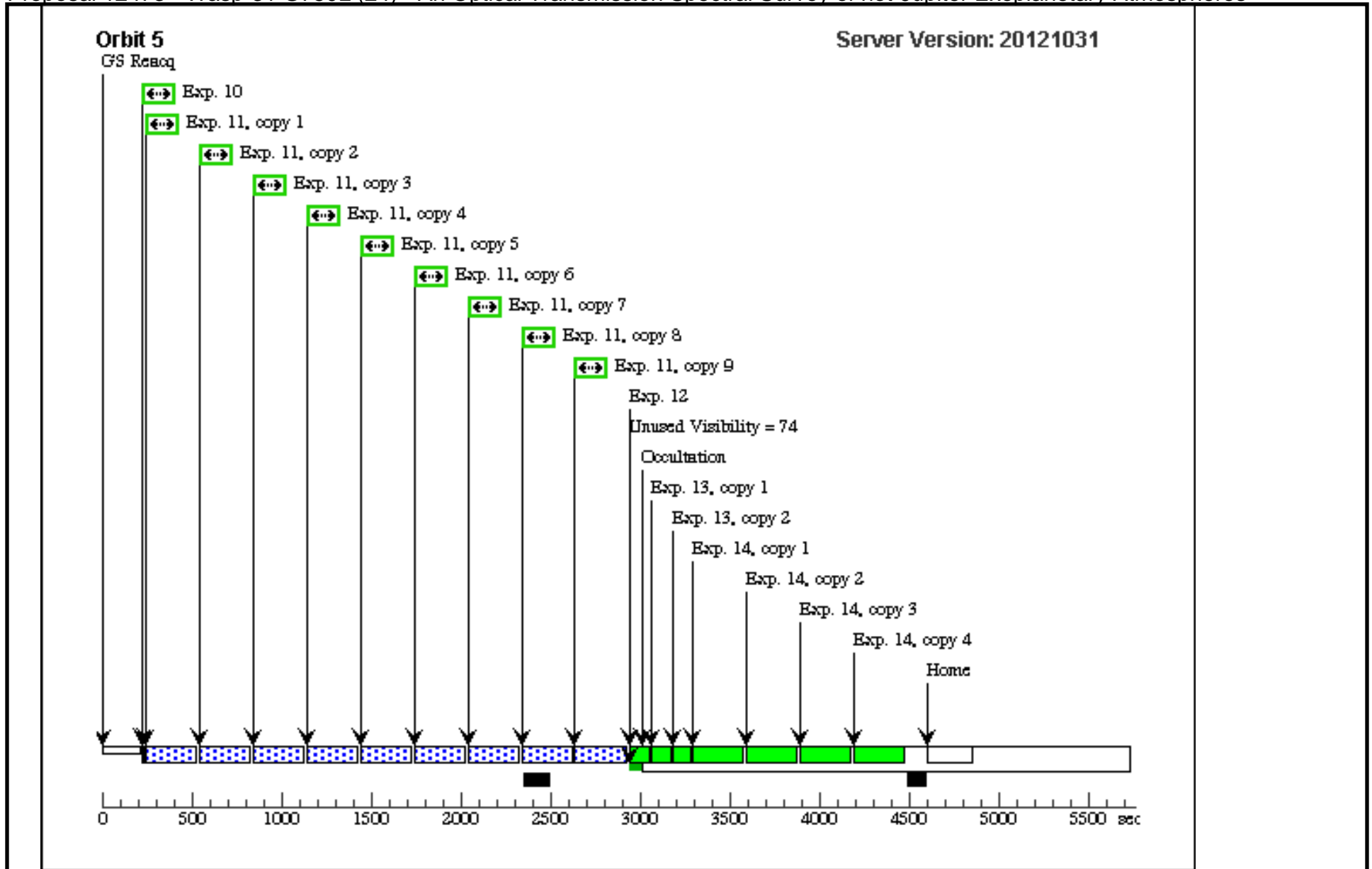
Server Version: 20121031



Orbit 4

Server Version: 20121031





Proposal 12473 - Wasp-31 WFC3 (25) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Thu Jan 17 02:30:28 GMT 2013

Visit	<p>Proposal 12473, Wasp-31 WFC3 (25), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: Period 3.405909 D AND ZERO-PHASE HJD2455189.2828</p> <p><i>Comments: WFC3 IR transit of WASP-31. It is essential that the five orbits be scheduled in a continuous block.</i></p> <p><i>We will use the new line scan mode to lengthen the spectrum along the slit during the exposures, to avoid saturation on relatively long exposures. This mode greatly increases the efficiency.</i></p>					
	<p>(Wasp-31 WFC3 (25)) Warning (Form): The proposal is part of a large program (100 orbits or more in one cycle) and so should use Schedulability 100.</p>					
Diagnosics						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	WASP-31	RA: 11 17 45.3570 (169.4389875d) Dec: -19 03 17.21 (-19.05478d) Equinox: J2000	Proper Motion RA: -29.1 mas/yr Proper Motion Dec: -3.3 mas/yr Epoch of Position: 2000	V=11.66	Reference Frame: ICRS

Proposal 12473 - Wasp-31 WFC3 (25) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Wasp-31 WFC3, phase constrained	(8) WASP-31	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=RAPID ; NSAMP=6	POS TARG -15.172, -0.142; PHASE 0.9512 TO 0.9556		[==>]	[1]

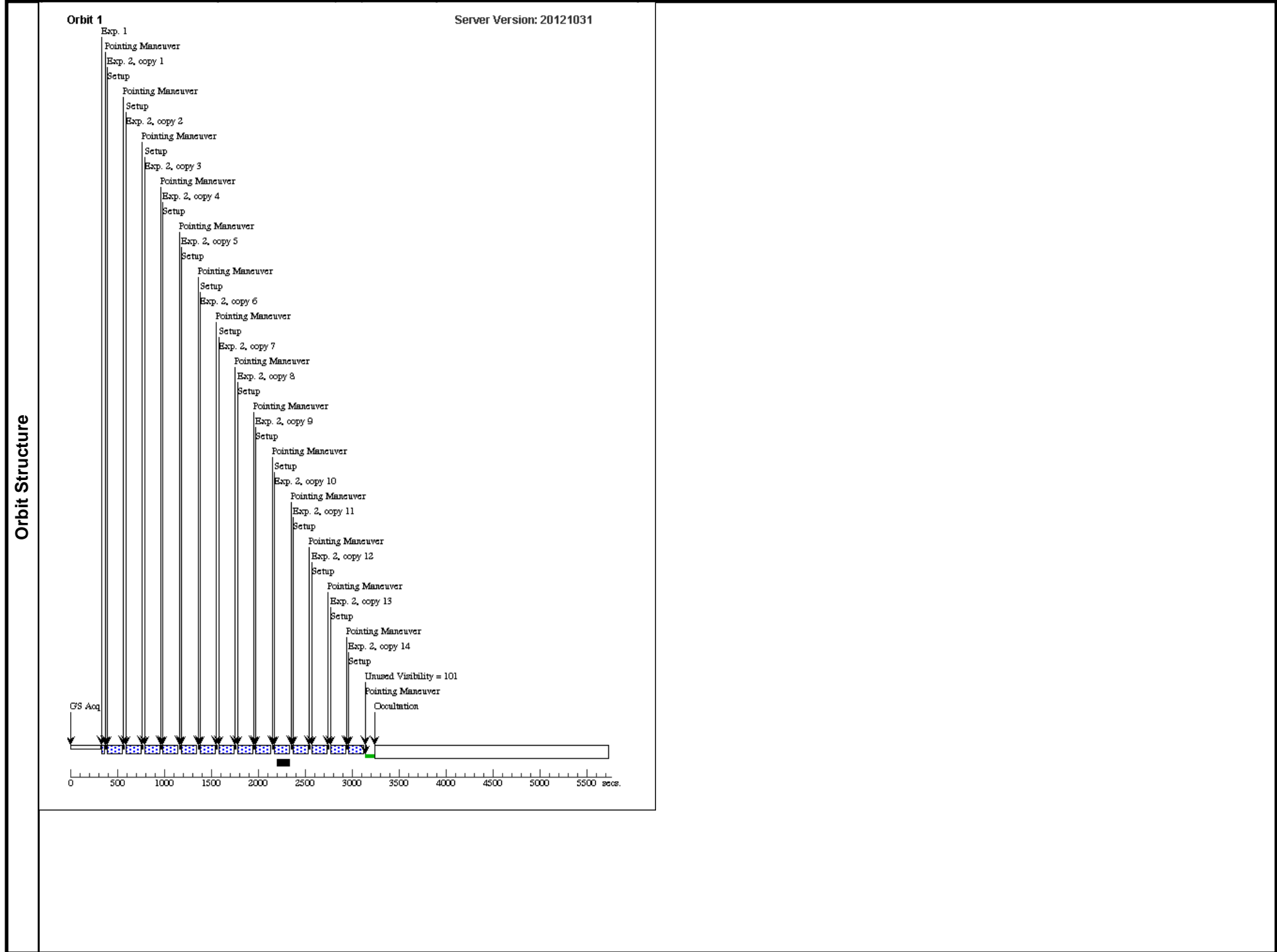
Exposures

Proposal 12473 - Wasp-31 WFC3 (25) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

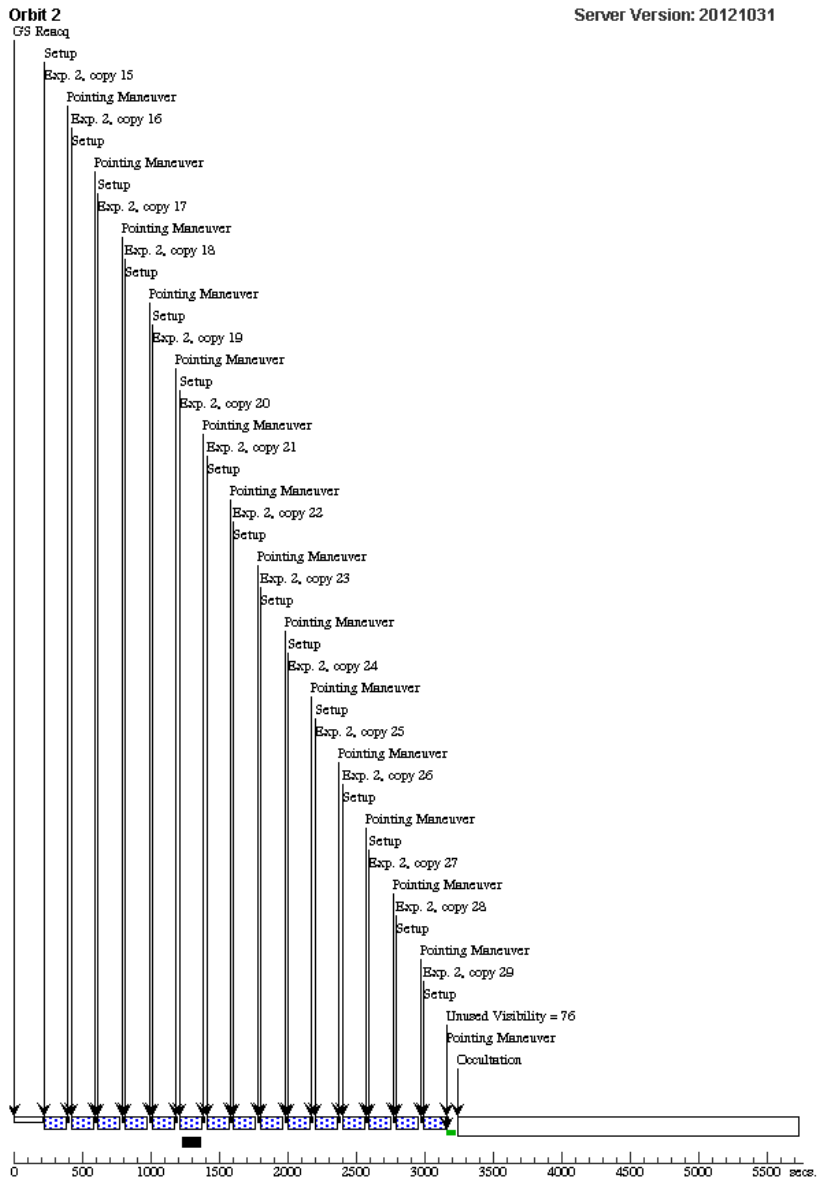
2	Wasp-31 W (8) WASP-31 FC3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0.0,-0.0; 25; NSAMP=7	SPATIAL SCAN 0.0 19,90.0 Degrees,For ward	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[1]
						[==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)]	[2]
						[==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)] [==>(Copy 37)] [==>(Copy 38)] [==>(Copy 39)] [==>(Copy 40)] [==>(Copy 41)] [==>(Copy 42)] [==>(Copy 43)] [==>(Copy 44)]	[3]

Proposal 12473 - Wasp-31 WFC3 (25) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

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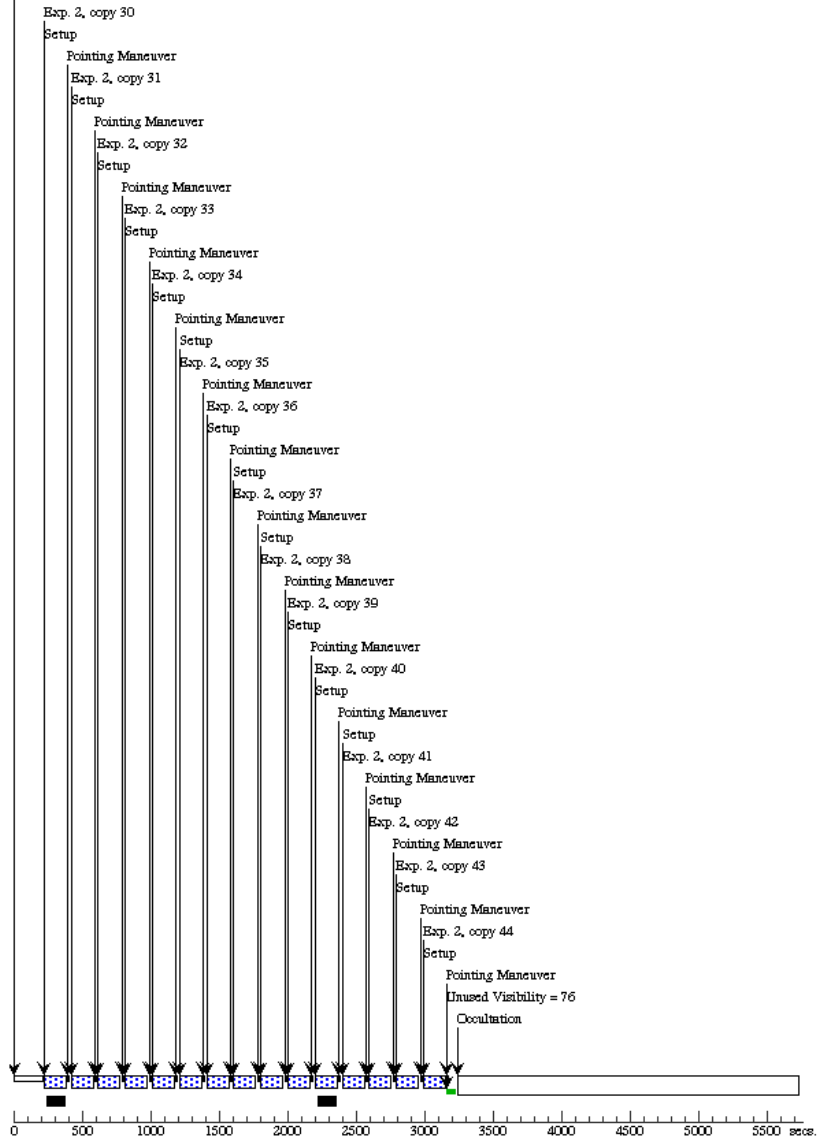
Proposal 12473 - Wasp-31 WFC3 (25) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres



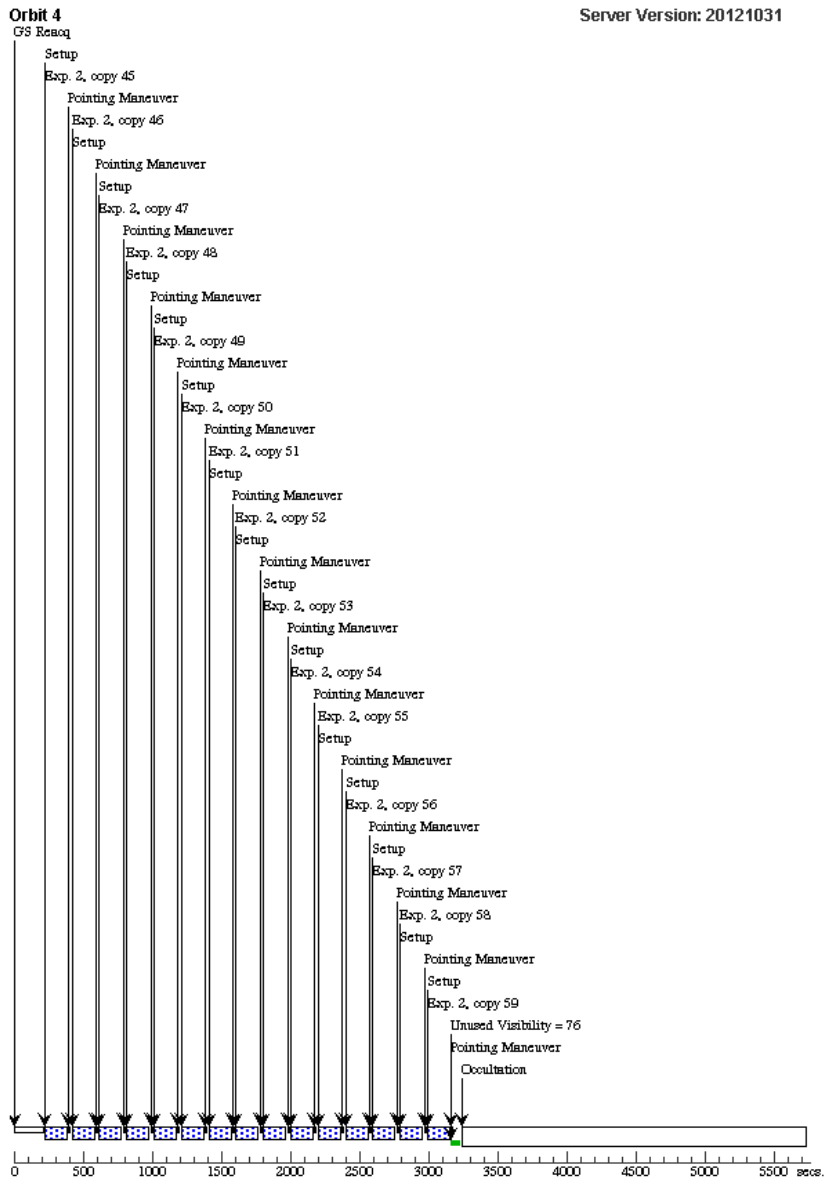
Proposal 12473 - Wasp-31 WFC3 (25) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Orbit 3
GS Reacq

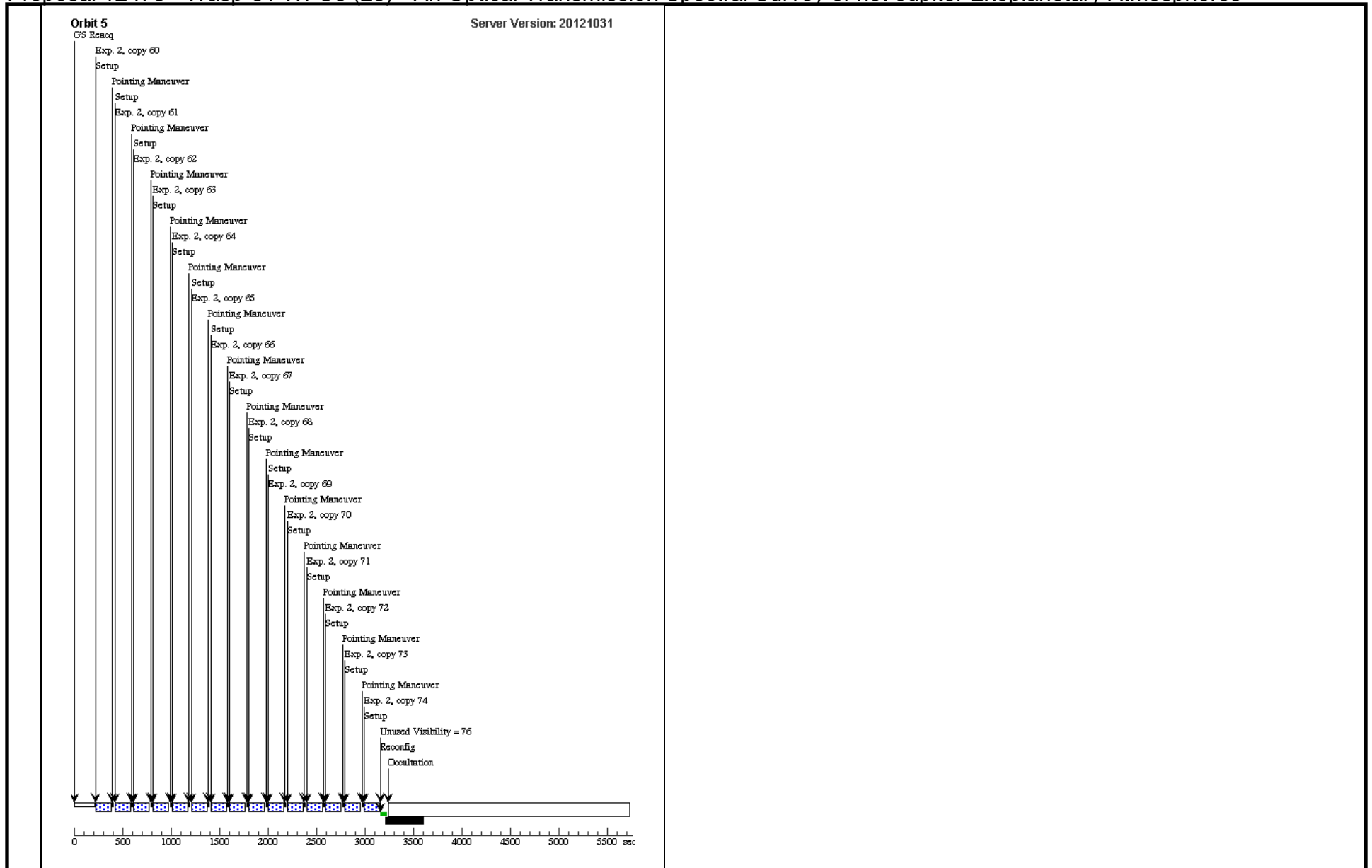
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Proposal 12473 - Wasp-31 WFC3 (25) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres



Proposal 12473 - Wasp-31 WFC3 (25) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres



Proposal 12473 - Hat-1 WFC3 (26) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

Visit	<p>Proposal 12473, Hat-1 WFC3 (26), completed Thu Jan 17 02:30:35 GMT 2013</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: ORIENT 168.0D TO 248.0 D; Period 4.4652934 D AND ZERO-PHASE HJD2454363.94656</p> <p><i>Comments: transit of HAT-1</i></p>																
	<p>(Hat-1 WFC3 (26)) Warning (Form): The proposal is part of a large program (100 orbits or more in one cycle) and so should use Schedulability 100.</p>																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(9)</td> <td>HAT-1C</td> <td>RA: 22 57 46.3540 (344.4431417d) Dec: +38 40 28.11 (38.67448d) Equinox: J2000</td> <td>Proper Motion RA: 29.3 mas/yr Proper Motion Dec: -51.0 mas/yr Epoch of Position: 2000.0</td> <td>V=10.4</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: centroid of the two stars in HAT-1</i></p>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(9)	HAT-1C	RA: 22 57 46.3540 (344.4431417d) Dec: +38 40 28.11 (38.67448d) Equinox: J2000	Proper Motion RA: 29.3 mas/yr Proper Motion Dec: -51.0 mas/yr Epoch of Position: 2000.0	V=10.4	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(9)	HAT-1C	RA: 22 57 46.3540 (344.4431417d) Dec: +38 40 28.11 (38.67448d) Equinox: J2000	Proper Motion RA: 29.3 mas/yr Proper Motion Dec: -51.0 mas/yr Epoch of Position: 2000.0	V=10.4	Reference Frame: ICRS												

Proposal 12473 - Hat-1 WFC3 (26) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	(9) HAT-1C	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=4	POS TARG -2.303,1 .202; PHASE 0.950 TO 0. 954	[==>]		[1]	

Exposures

Proposal 12473 - Hat-1 WFC3 (26) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

2	(9) HAT-1C	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=3	POS TARG 0.0,13.1 4; SPATIAL SCAN 0.1 5,90.0 Degrees,Forward	<p>[==>(Copy 1)]</p> <p>[==>(Copy 2)]</p> <p>[==>(Copy 3)]</p> <p>[==>(Copy 4)]</p> <p>[==>(Copy 5)]</p> <p>[==>(Copy 6)]</p> <p>[==>(Copy 7)]</p> <p>[==>(Copy 8)]</p> <p>[==>(Copy 9)]</p> <p>[==>(Copy 10)]</p> <p>[==>(Copy 11)]</p> <p>[==>(Copy 12)]</p> <p>[==>(Copy 13)]</p> <p>[==>(Copy 14)]</p> <p>[==>(Copy 15)]</p> <p>[==>(Copy 16)]</p> <p>[==>(Copy 17)]</p> <p>[==>(Copy 18)]</p> <p>[==>(Copy 19)]</p> <p>[==>(Copy 20)]</p> <p>[==>(Copy 21)]</p> <p>[==>(Copy 22)]</p> <p>[==>(Copy 23)]</p> <p>[==>(Copy 24)]</p> <p>[==>(Copy 25)]</p>	[1]
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Proposal 12473 - Hat-1 WFC3 (26) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

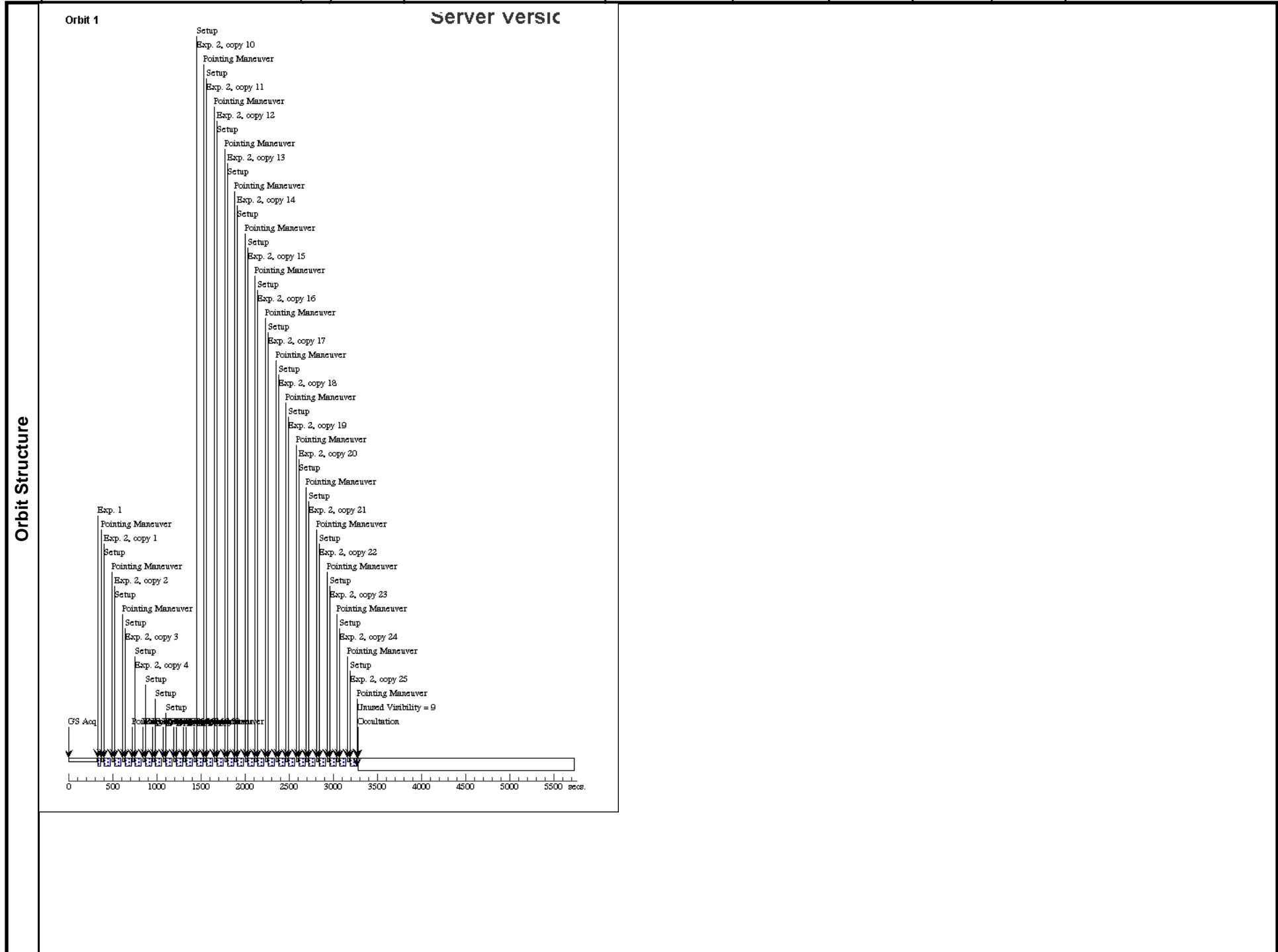
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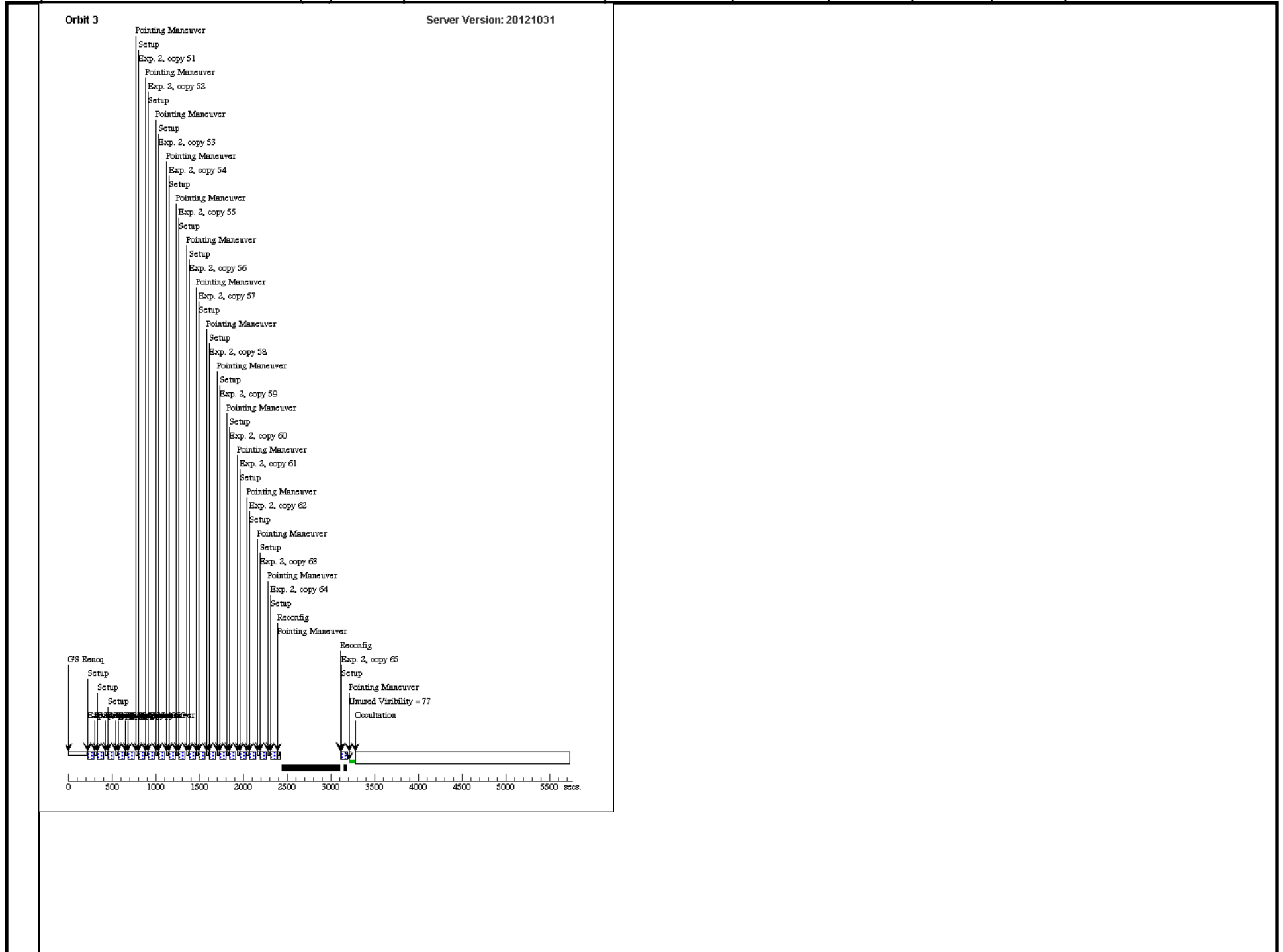
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Proposal 12473 - Hat-1 WFC3 (26) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

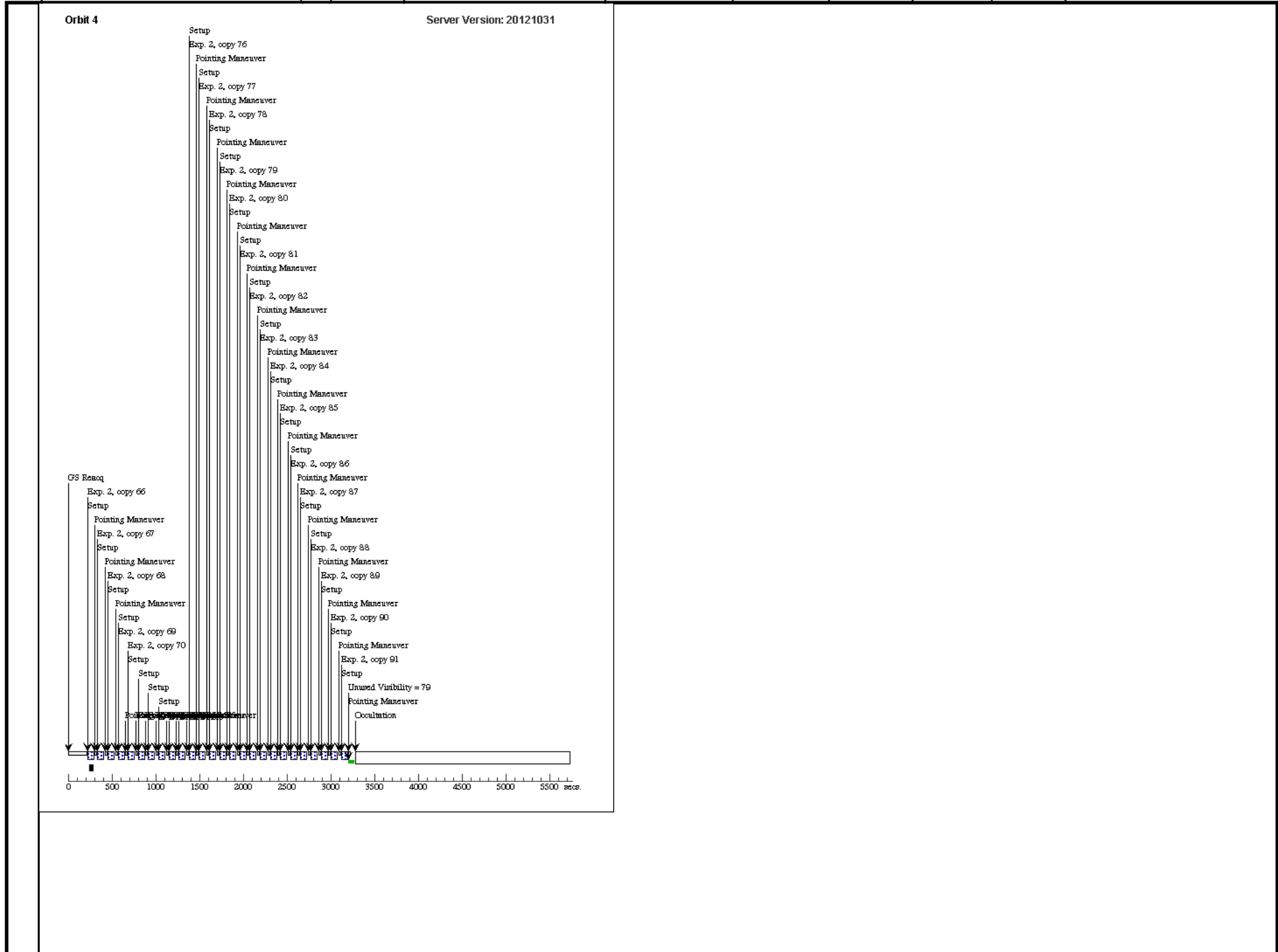
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Proposal 12473 - Hat-1 WFC3 (26) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres



Proposal 12473 - Hat-1 WFC3 (26) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres



Proposal 12473 - Hat-1 WFC3 (26) - An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres

