



14260 - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Cycle: 23, Proposal Category: GO
(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) HAT-P-32	WFC3/IR	5	09-Jul-2018 18:02:07.0	yes
02	(2) WASP-76	WFC3/IR	5	09-Jul-2018 18:02:39.0	yes
03	(3) HAT-P-3	WFC3/IR	5	09-Jul-2018 18:03:02.0	yes

Proposal 14260 (STScI Edit Number: 1, Created: Monday, July 9, 2018 5:09:25 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>
04	(3) HAT-P-3	WFC3/IR	5	09-Jul-2018 18:03:27.0	yes
05	(4) WASP-80	WFC3/IR	4	09-Jul-2018 18:03:51.0	yes
06	(6) WASP-52	WFC3/IR	4	09-Jul-2018 18:04:02.0	yes
07	(7) WASP-67	WFC3/IR	4	09-Jul-2018 18:04:17.0	yes
08	(8) HD-149026	WFC3/IR	5	09-Jul-2018 18:04:51.0	yes
09	(8) HD-149026	WFC3/IR	5	09-Jul-2018 18:05:26.0	yes
10	(9) WASP-39	WFC3/IR	5	09-Jul-2018 18:05:45.0	yes
11	(9) WASP-39	WFC3/IR	5	09-Jul-2018 18:06:01.0	yes
12	(10) HAT-P-38	WFC3/IR	5	09-Jul-2018 18:06:17.0	yes
13	(10) HAT-P-38	WFC3/IR	5	09-Jul-2018 18:06:33.0	yes
14	(11) WASP-69	WFC3/IR	4	09-Jul-2018 18:06:57.0	yes
15	(12) WASP-29	WFC3/IR	5	09-Jul-2018 18:07:15.0	yes
16	(13) HAT-P-12	WFC3/IR	5	09-Jul-2018 18:07:34.0	yes
17	(13) HAT-P-12	WFC3/IR	5	09-Jul-2018 18:07:54.0	yes
18	(14) HAT-P-18	WFC3/IR	5	09-Jul-2018 18:08:14.0	yes
19	(14) HAT-P-18	WFC3/IR	5	09-Jul-2018 18:08:33.0	yes
20	(15) HAT-P-26	WFC3/IR	5	09-Jul-2018 18:08:50.0	yes
21	(15) HAT-P-26	WFC3/IR	5	09-Jul-2018 18:09:06.0	yes
22	(17) HATS-7	WFC3/IR	5	09-Jul-2018 18:09:16.0	yes
23	(17) HATS-7	WFC3/IR	5	09-Jul-2018 18:09:23.0	yes

111 Total Orbits Used

ABSTRACT

Planet formation models predict that the heavy element content of exoplanetary atmospheres reflects their region of formation and their accretion histories. In the Solar System, atmospheric metallicity appears to be inversely correlated with planet mass, but it is unclear whether or not this is a universal correlation. Bulk densities for transiting exoplanets are consistent with that observed trend, but the degree to which exoplanetary envelopes

and atmospheres correlate with bulk densities is unknown. Moreover, the effect of mass loss by close-in planets on the evolution of their atmospheres is poorly understood. Clouds also appear to play an important role in exoplanetary atmospheres, but we know very little about their likely formation mechanisms or compositions. Because clouds obscure the expected atmospheric absorption signal during transit, we must develop an empirical understanding of the prevalence of clouds as a function of planetary temperature and surface gravity in order to enable the selection of cloud-free targets for future studies with HST and JWST. We will map the trends in cloud occurrence and metallicity for 16 exoplanets spanning 2 to 300 Earth masses, and temperatures from 500 to 2200 Kelvins. Our survey focuses on 1.4 micron water vapor absorption during transit, exploiting the high sensitivity that is now possible using WFC3 spatial scan mode.

OBSERVING DESCRIPTION

Spectroscopy of transiting exoplanets. All observations occur at specific times of transit, according to known ephemerides.

Proposal 14260 - HAT-32 (01) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Mon Jul 09 22:09:25 GMT 2018

Visit	Proposal 14260, HAT-32 (01), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 35D TO 95 D; ORIENT 215D TO 275 D; Period 2.15000825 D AND ZERO-PHASE HJD2454420.44567																	
	Diagnosics (HAT-32 (01)) Warning (Orbit Planner): ORBITAL 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>(1)</td> <td>HAT-P-32</td> <td>RA: 02 04 10.2800 (31.0428333d) Dec: +46 41 16.20 (46.68783d) Equinox: J2000</td> <td>Proper Motion RA: -12.3 mas/yr Proper Motion Dec: +4.6 mas/yr Parallax: 0.0" Epoch of Position: 2000.0</td> <td>V=11.44</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	HAT-P-32	RA: 02 04 10.2800 (31.0428333d) Dec: +46 41 16.20 (46.68783d) Equinox: J2000	Proper Motion RA: -12.3 mas/yr Proper Motion Dec: +4.6 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=11.44	Reference Frame: SIMBAD
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(1)	HAT-P-32	RA: 02 04 10.2800 (31.0428333d) Dec: +46 41 16.20 (46.68783d) Equinox: J2000	Proper Motion RA: -12.3 mas/yr Proper Motion Dec: +4.6 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=11.44	Reference Frame: SIMBAD													
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO																		

Proposal 14260 - HAT-32 (01) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

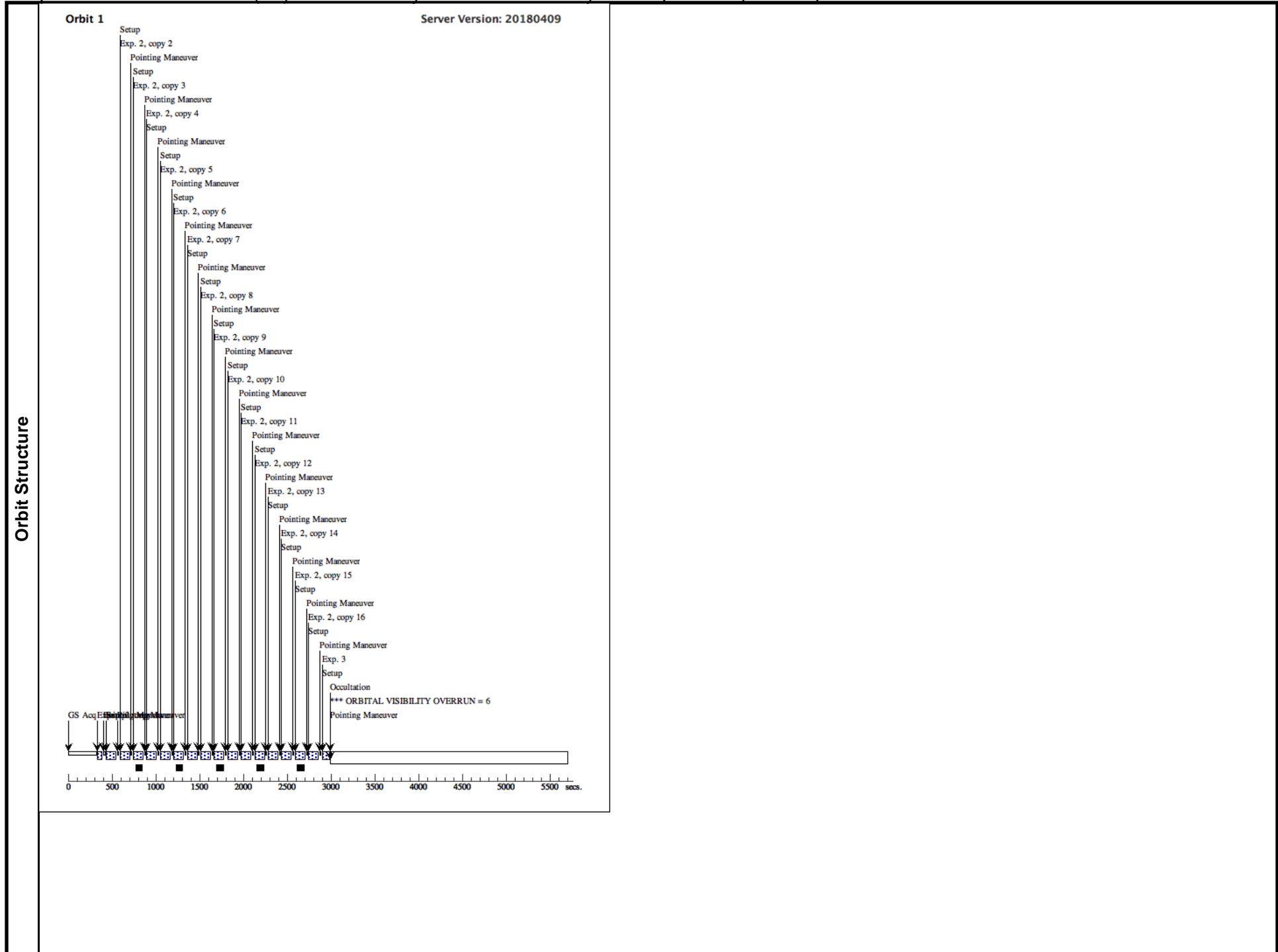
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) HAT-P-32	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=5;	POS TARG 0.0,0.0;	Sequence 1-3 Non-Int in HAT-32 (01)	29.663763 Secs (29.664 Secs)	
					SAMP-SEQ=SPARS S10	PHASE 0.9094 TO 0.9218		[==>]	[1]
	2	(1) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10;	POS TARG 0.0,-12;	Sequence 1-3 Non-Int in HAT-32 (01)	88.435659 Secs X 16 (1414.971 Secs)	
					NSAMP=13	SPATIAL SCAN 0.0 5,90.0 Degrees,Forward		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
3	(1) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10;	POS TARG 0.0,-12;	Sequence 1-3 Non-Int in HAT-32 (01)	59.049711 Secs (59.05 Secs)		
				NSAMP=9	SPATIAL SCAN 0.0 5,90.0 Degrees,Forward		[==>]	[1]	
4	(1) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10;	POS TARG 0.0,-12;	Sequence 4-4 Non-Int in HAT-32 (01)	88.435659 Secs X 18 (1591.842 Secs)		
				NSAMP=13	SPATIAL SCAN 0.0 5,90.0 Degrees,Forward		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)]	[2]	

Proposal 14260 - HAT-32 (01) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

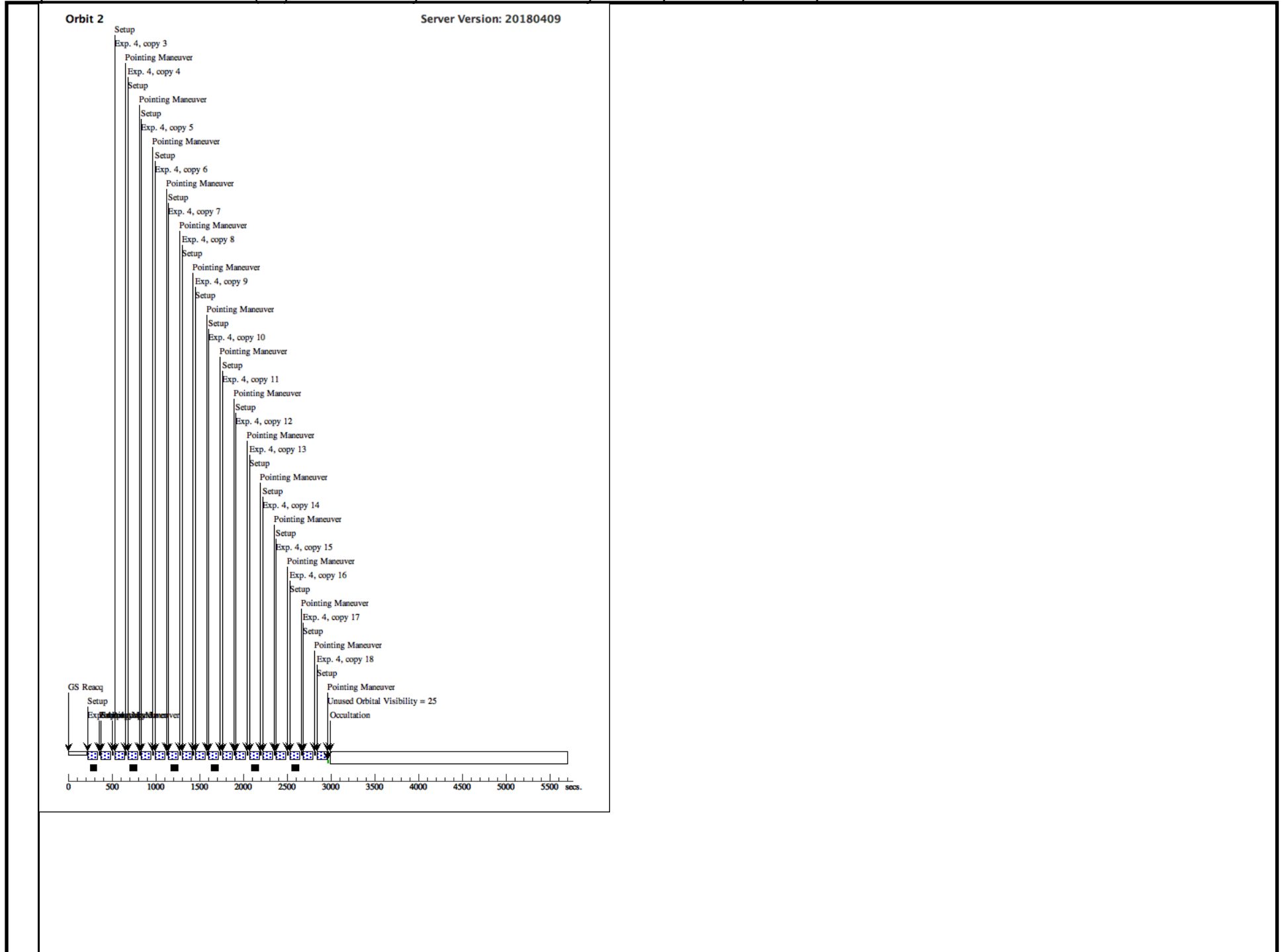
5	(1) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=13	POS TARG 0.0,-12; SPATIAL SCAN 0.0 5,90.0 Degrees,Forw ard	Sequence 5-5 Non-Int in HAT-32 (01)	88.435659 Secs X 18 (1591.842 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)] [=>(Copy 6)] [=>(Copy 7)] [=>(Copy 8)] [=>(Copy 9)] [=>(Copy 10)] [=>(Copy 11)] [=>(Copy 12)] [=>(Copy 13)] [=>(Copy 14)] [=>(Copy 15)] [=>(Copy 16)] [=>(Copy 17)] [=>(Copy 18)]	[3]
6	(1) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=13	POS TARG 0.0,-12; SPATIAL SCAN 0.0 5,90.0 Degrees,Forw ard	Sequence 6-6 Non-Int in HAT-32 (01)	88.435659 Secs X 18 (1591.842 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)] [=>(Copy 6)] [=>(Copy 7)] [=>(Copy 8)] [=>(Copy 9)] [=>(Copy 10)] [=>(Copy 11)] [=>(Copy 12)] [=>(Copy 13)] [=>(Copy 14)] [=>(Copy 15)] [=>(Copy 16)] [=>(Copy 17)] [=>(Copy 18)]	[4]

Proposal 14260 - HAT-32 (01) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

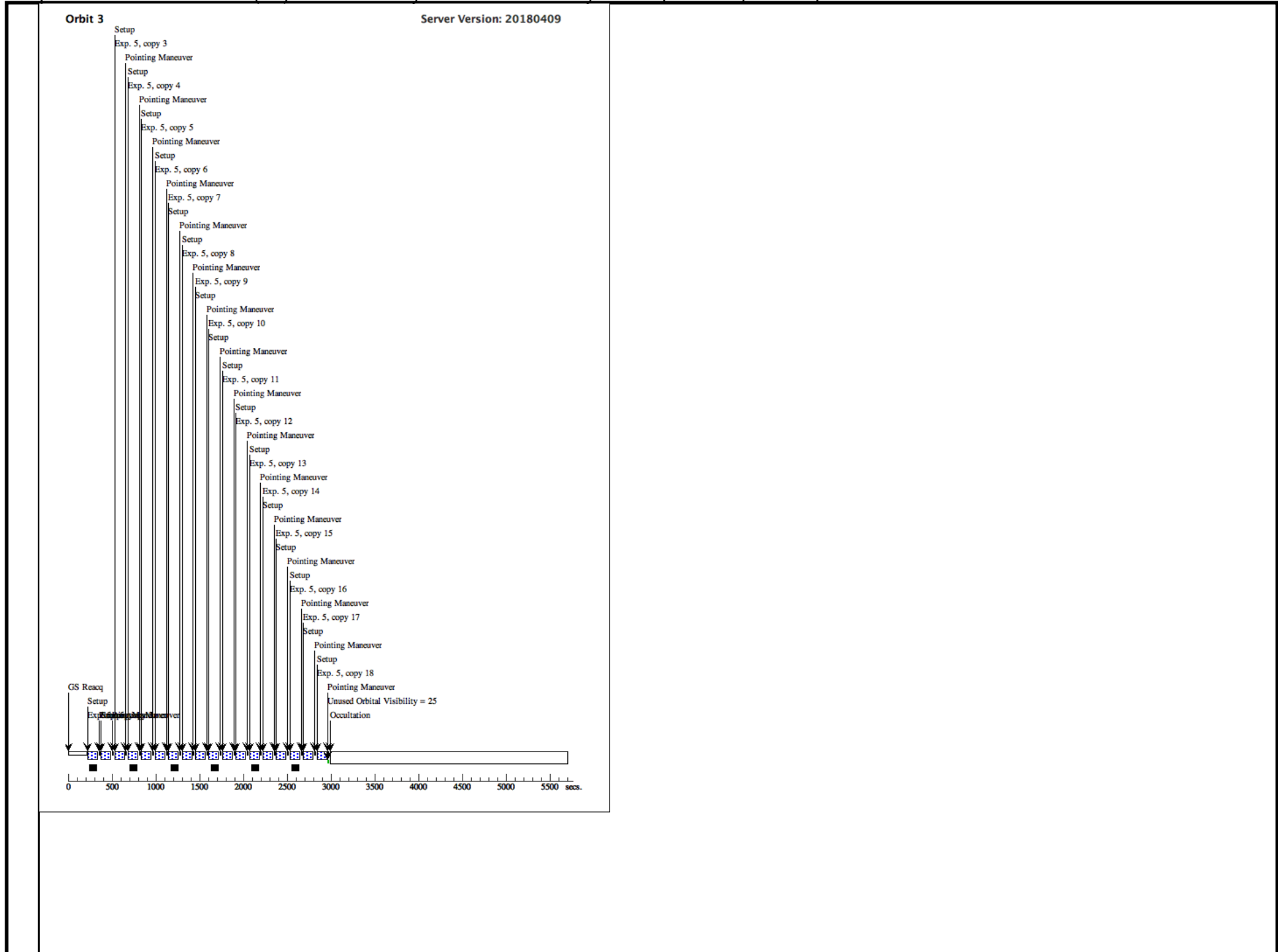
7	(1) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=13	POS TARG 0.0,-12; SPATIAL SCAN 0.0 5,90.0 Degrees,Forward	Sequence 7-7 Non-Inter t in HAT-32 (01)	88.435659 Secs X 18 (1591.842 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)] [=>(Copy 6)] [=>(Copy 7)] [=>(Copy 8)] [=>(Copy 9)] [=>(Copy 10)] [=>(Copy 11)] [=>(Copy 12)] [=>(Copy 13)] [=>(Copy 14)] [=>(Copy 15)] [=>(Copy 16)] [=>(Copy 17)] [=>(Copy 18)]	[5]
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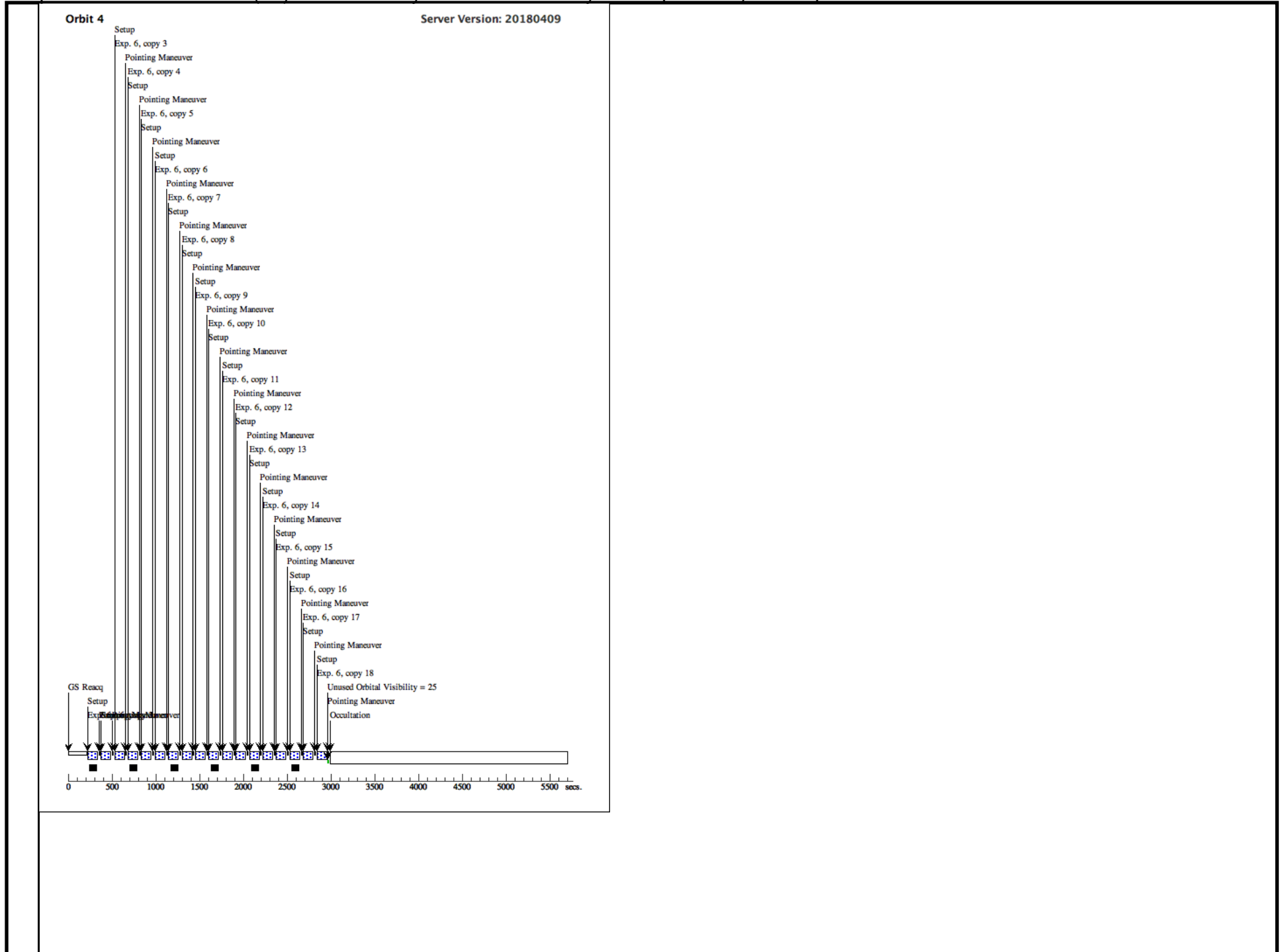
Proposal 14260 - HAT-32 (01) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



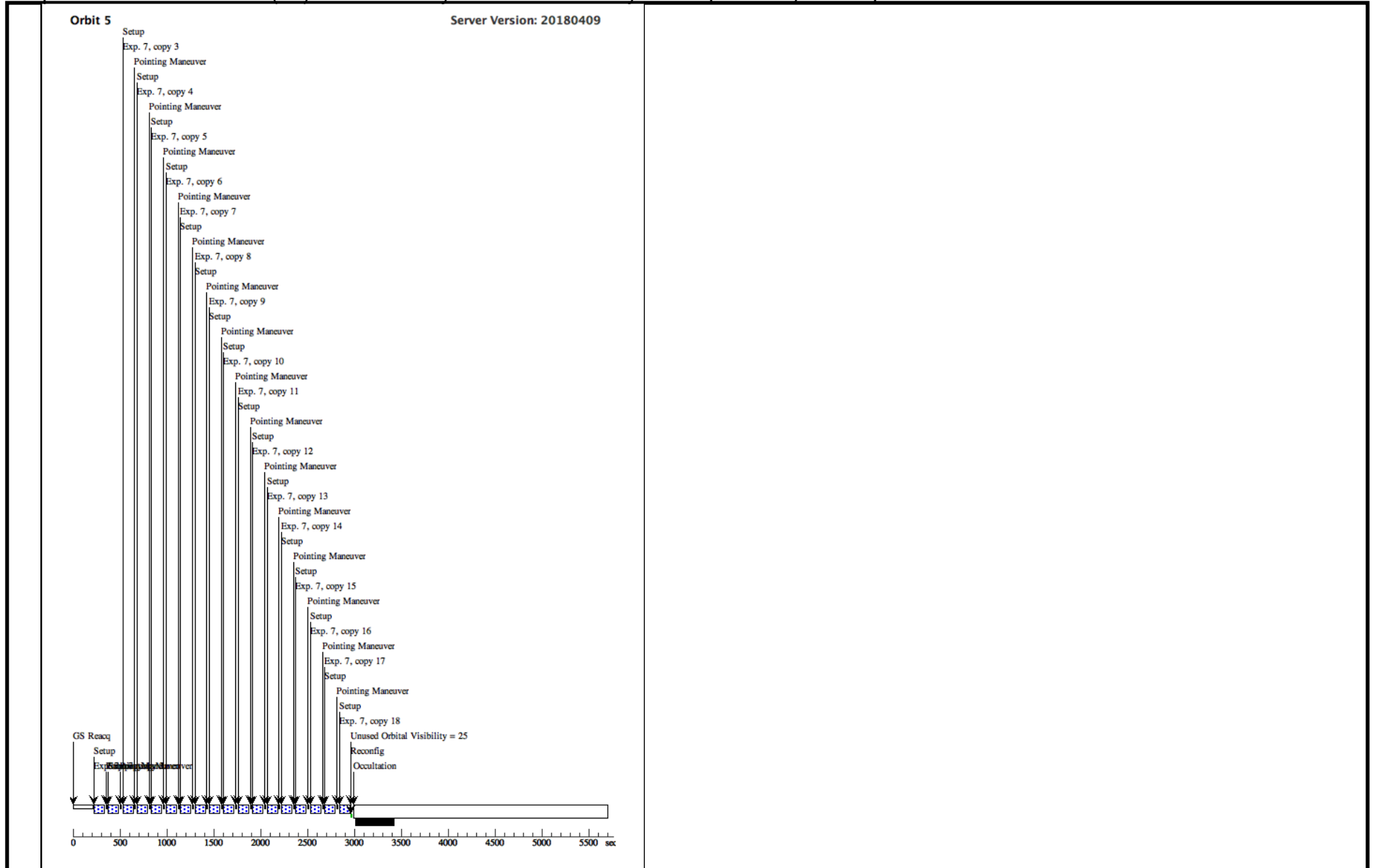
Proposal 14260 - HAT-32 (01) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-32 (01) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-32 (01) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-76 (02) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, WASP-76 (02), completed Mon Jul 09 22:09:26 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 1.809886 D AND ZERO-PHASE HJD2456107.85507					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(2)		WASP-76	RA: 01 46 31.8000 (26.6325000d) Dec: +02 42 2.00 (2.70056d) Equinox: J2000	Proper Motion RA: 149.1 mas/yr Proper Motion Dec: -57.3 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=9.52	Reference Frame: SIMBAD
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO						

Proposal 14260 - WASP-76 (02) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(2) WASP-76	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.8908 TO 0.9113	Sequence 1-3 Non-Int in WASP-76 (02)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(2) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Rounded trip	Sequence 1-3 Non-Int in WASP-76 (02)	103.128633 Secs X 8 (1650.058 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[1]
	3	(2) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-76 (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
	4	(2) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Rounded trip	Sequence 4-5 Non-Int in WASP-76 (02)	103.128633 Secs X 9 (1856.315 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[2]

Proposal 14260 - WASP-76 (02) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

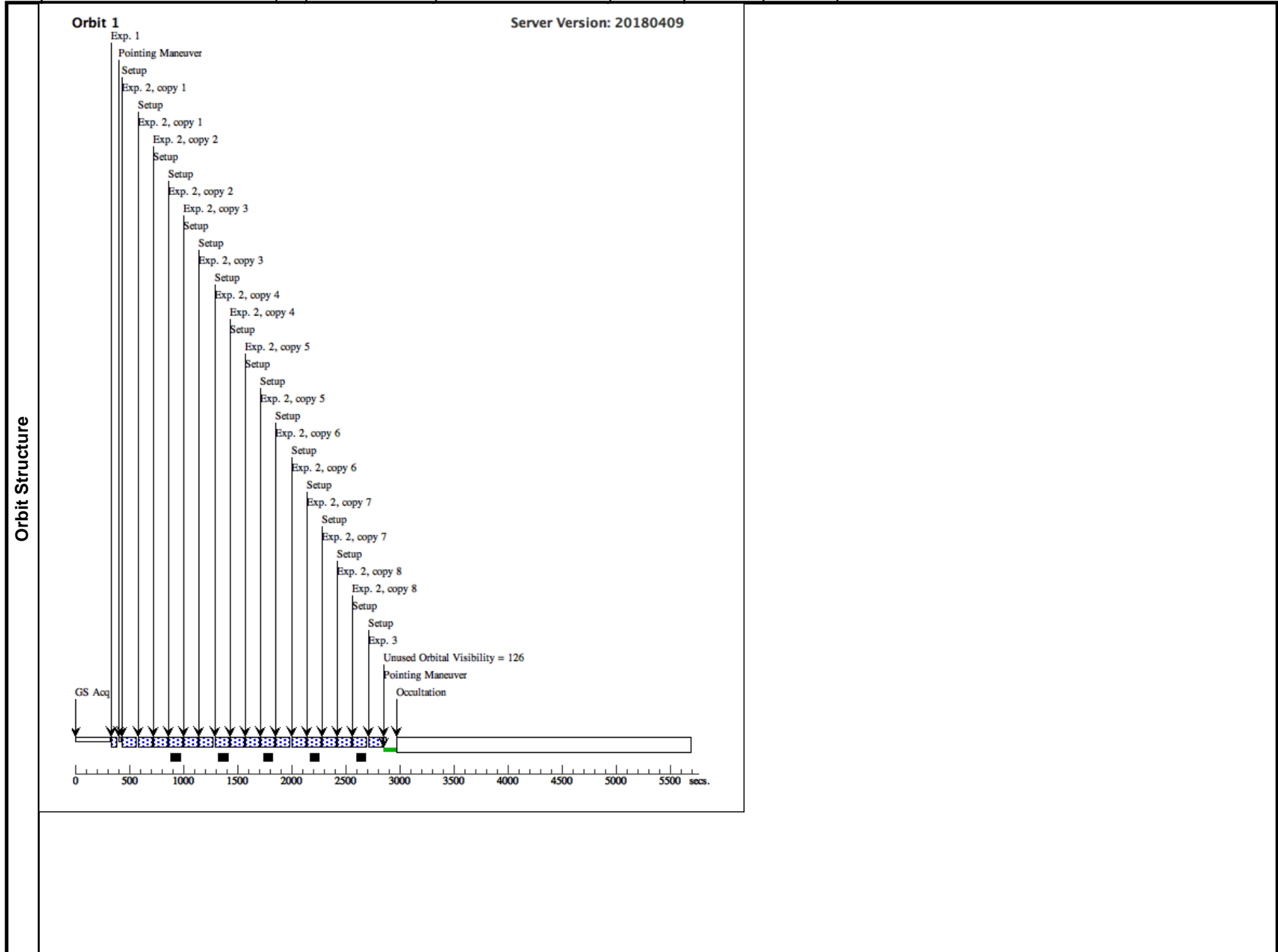
5	(2) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forw ard	Sequence 4-5 Non-In t in WASP-76 (02)	103.128633 Secs (103.129 Secs)	[==>]	[2]
6	(2) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Roun d trip	Sequence 6-7 Non-In t in WASP-76 (02)	103.128633 Secs X 9 (1856.315 Secs)	[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[3]
7	(2) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forw ard	Sequence 6-7 Non-In t in WASP-76 (02)	103.128633 Secs (103.129 Secs)	[==>]	[3]

Proposal 14260 - WASP-76 (02) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

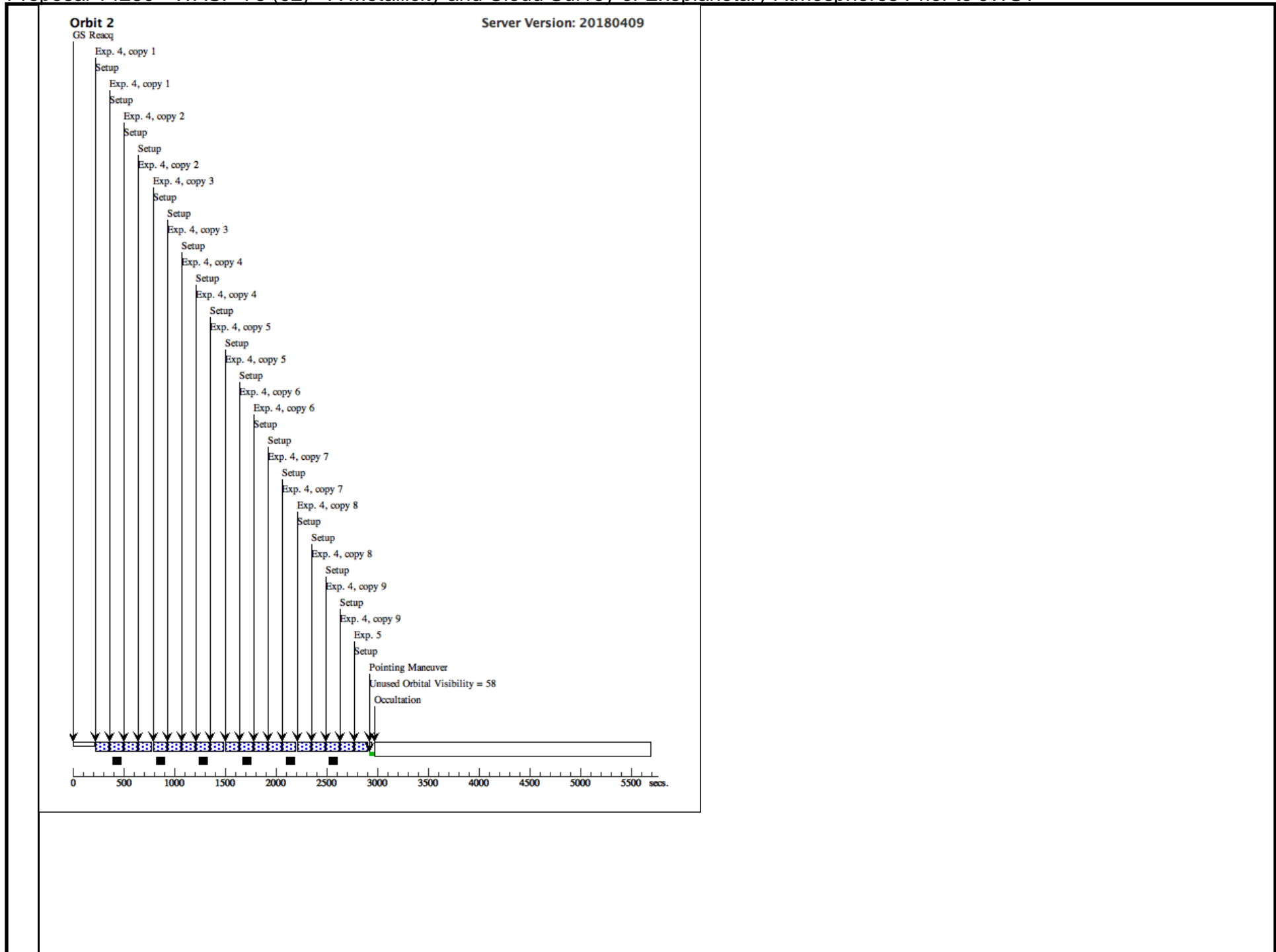
8	(2) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Round trip	Sequence 8-9 Non-Int in WASP-76 (02)	103.128633 Secs X 9 (1856.315 Secs)	[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[4]
9	(2) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forward	Sequence 8-9 Non-Int in WASP-76 (02)	103.128633 Secs (103.129 Secs)	[==>]	[4]
10	(2) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Round trip	Sequence 10-11 Non-Int in WASP-76 (02)	103.128633 Secs X 9 (1856.315 Secs)	[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[5]

Proposal 14260 - WASP-76 (02) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

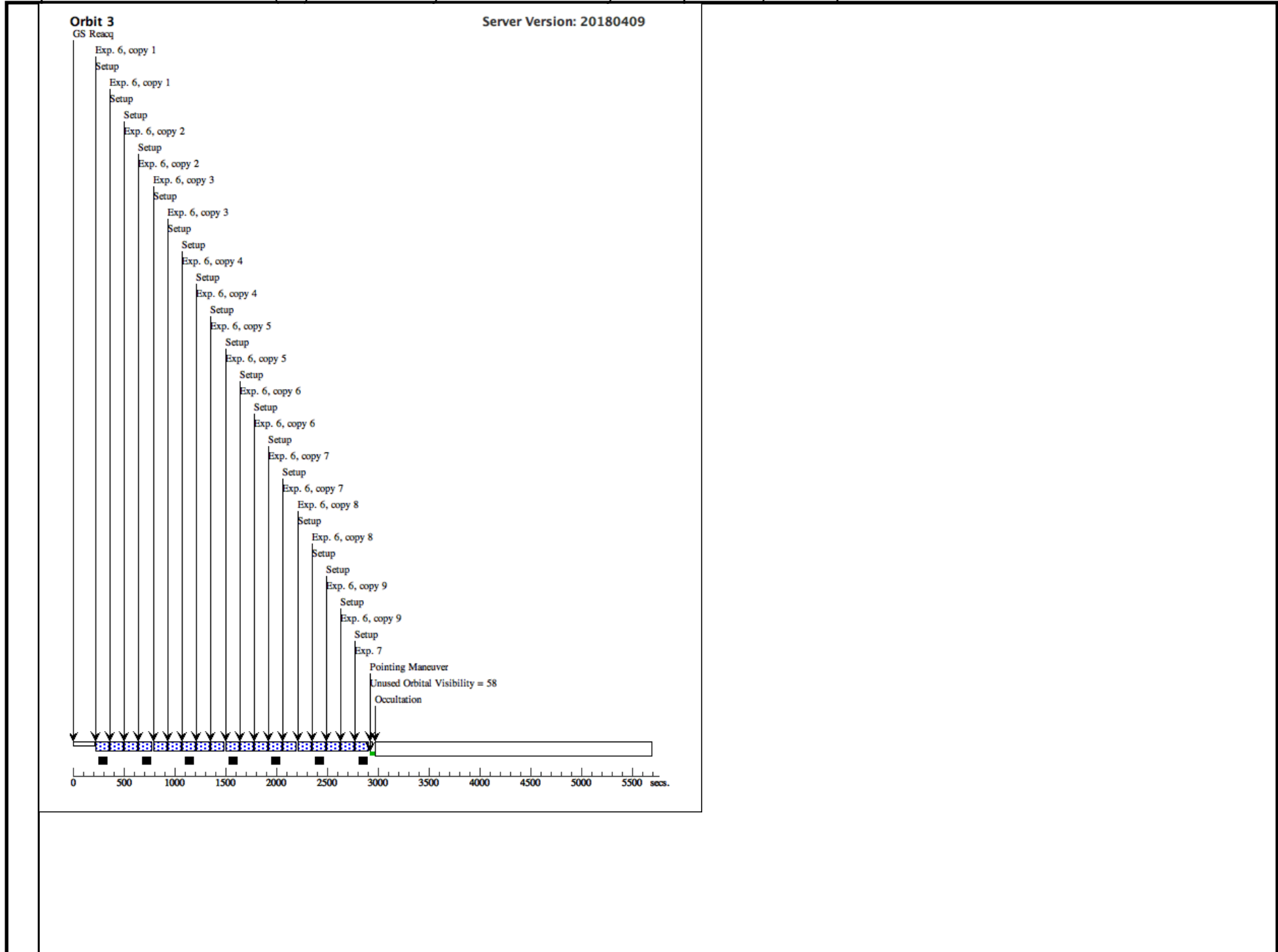
11	(2) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forward	Sequence 10-11 Non -Int in WASP-76 (02	103.128633 Secs (103.129 Secs) [==>]	[5]
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Proposal 14260 - WASP-76 (02) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



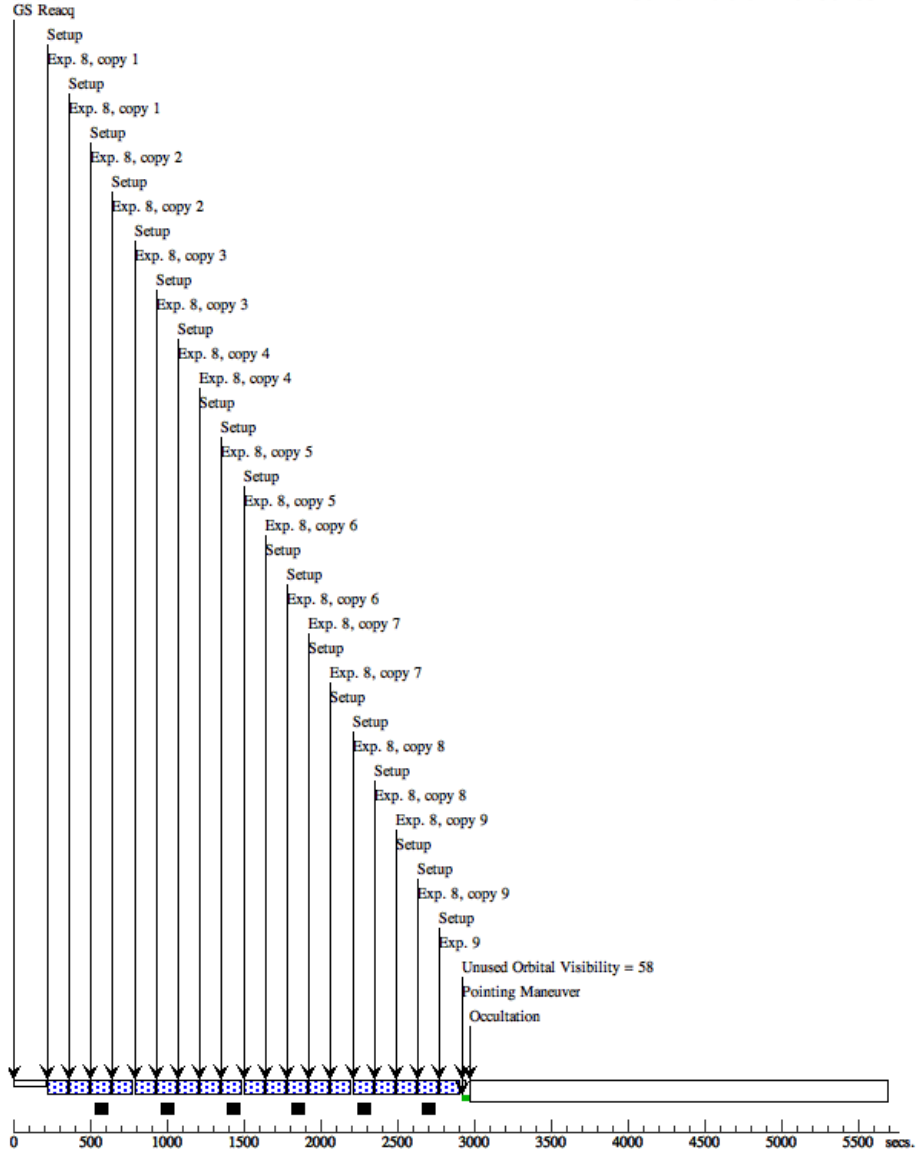
Proposal 14260 - WASP-76 (02) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



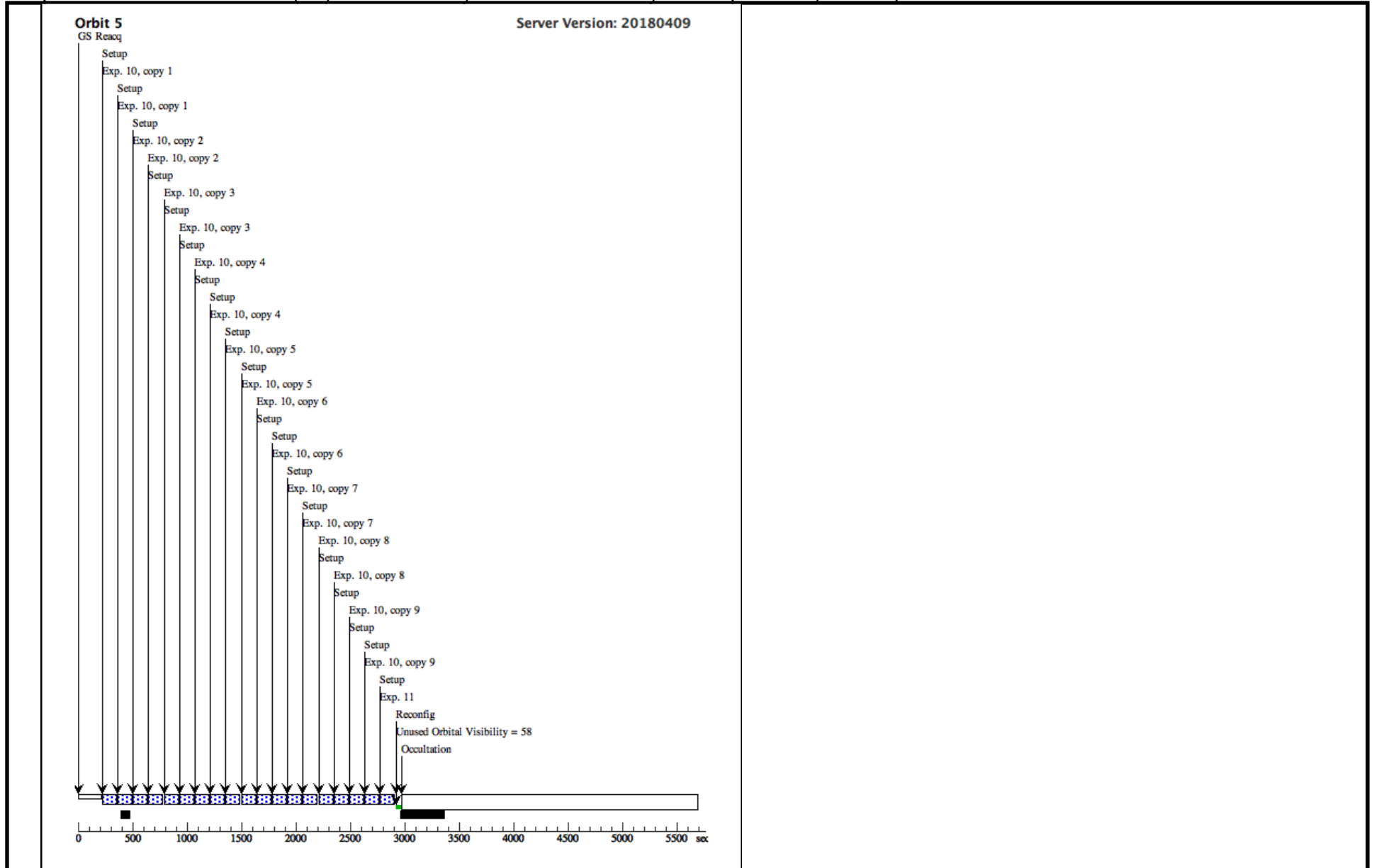
Proposal 14260 - WASP-76 (02) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 4

Server Version: 20180409



Proposal 14260 - WASP-76 (02) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-3 (03) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Mon Jul 09 22:09:27 GMT 2018

Visit	Proposal 14260, HAT-3 (03), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 207D TO 297 D; ORIENT 27D TO 117 D; Period 2.8997382 D AND ZERO-PHASE HJD2454218.75881																	
	Diagnosics (HAT-3 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-3 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-3 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-3 (03)) Warning (Orbit Planner): ORBITAL 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>(3)</td> <td>HAT-P-3</td> <td>RA: 13 44 22.6000 (206.0941667d) Dec: +48 01 43.20 (48.02867d) Equinox: J2000</td> <td>Proper Motion RA: -23.3 mas/yr Proper Motion Dec: -24.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0</td> <td>V=11.86</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	HAT-P-3	RA: 13 44 22.6000 (206.0941667d) Dec: +48 01 43.20 (48.02867d) Equinox: J2000	Proper Motion RA: -23.3 mas/yr Proper Motion Dec: -24.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=11.86	Reference Frame: SIMBAD
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(3)	HAT-P-3	RA: 13 44 22.6000 (206.0941667d) Dec: +48 01 43.20 (48.02867d) Equinox: J2000	Proper Motion RA: -23.3 mas/yr Proper Motion Dec: -24.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=11.86	Reference Frame: SIMBAD													
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO																		

Proposal 14260 - HAT-3 (03) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

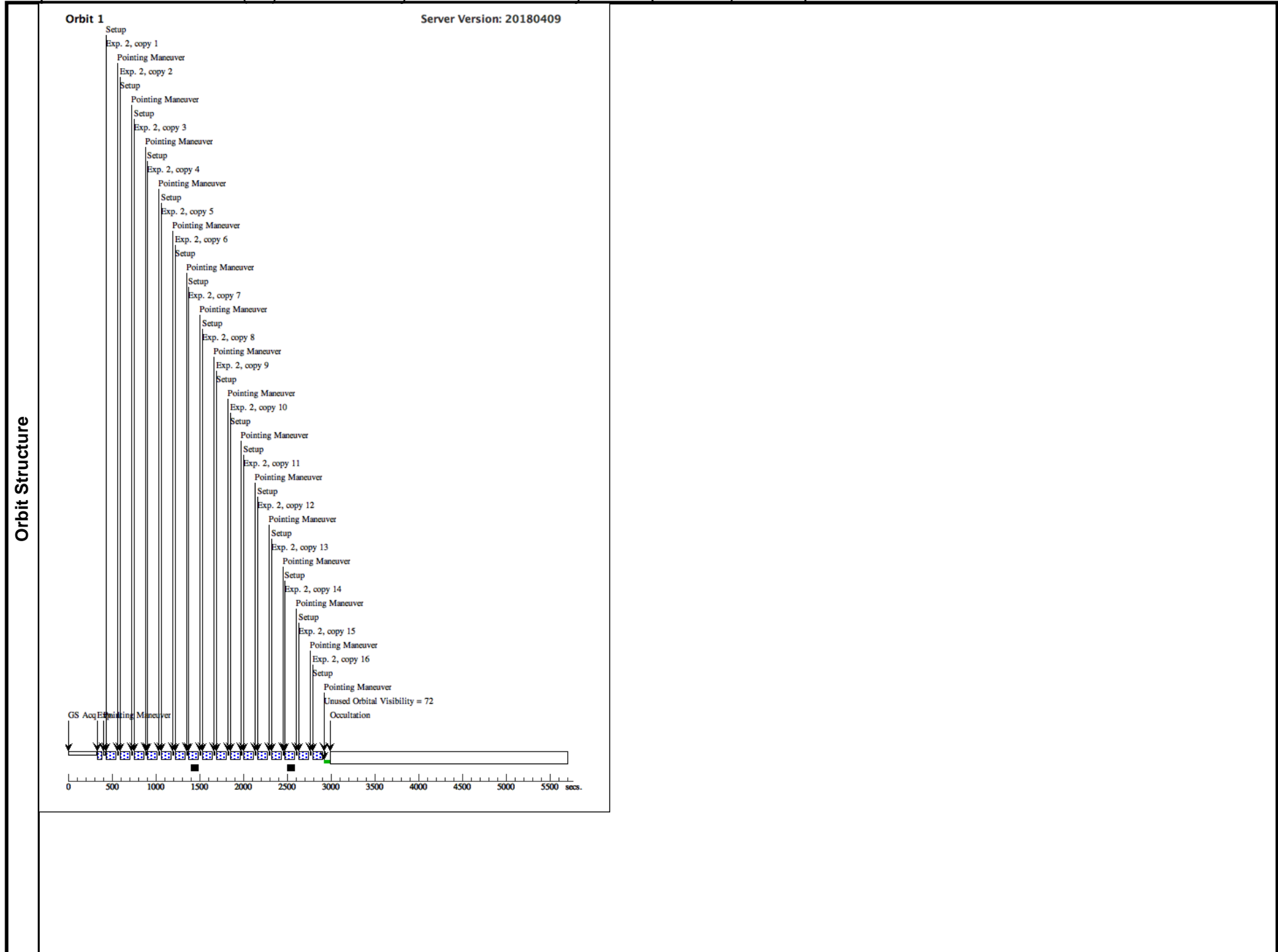
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(3) HAT-P-3	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9330 TO 0.9424	Sequence 1-2 Non-Int in HAT-3 (03)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forward	Sequence 1-2 Non-Int in HAT-3 (03)	89.661971 Secs X 16 (1434.592 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	3	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forward	Sequence 3-4 Non-Int in HAT-3 (03)	89.661971 Secs X 17 (1524.254 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
	4	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forward	Sequence 3-4 Non-Int in HAT-3 (03)	67.315932 Secs (67.316 Secs) [==>]	[2]

Proposal 14260 - HAT-3 (03) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

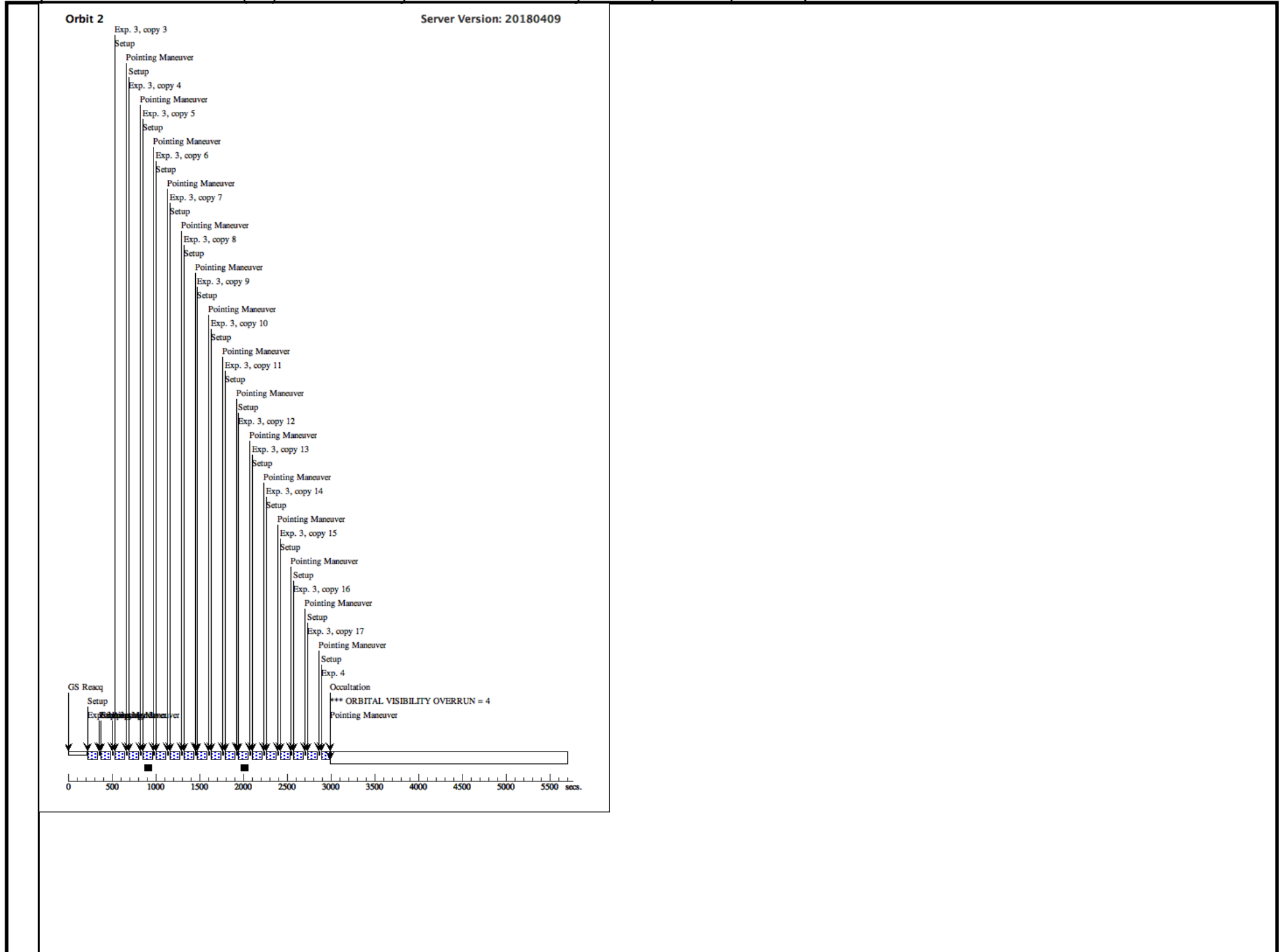
5	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forw ard	Sequence 5-6 Non-Int in HAT-3 (03)	89.661971 Secs X 17 (1524.254 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]
6	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forw ard	Sequence 5-6 Non-Int in HAT-3 (03)	67.315932 Secs (67.316 Secs) [==>]	[3]
7	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forw ard	Sequence 7-8 Non-Int in HAT-3 (03)	89.661971 Secs X 17 (1524.254 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]
8	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forw ard	Sequence 7-8 Non-Int in HAT-3 (03)	67.315932 Secs (67.316 Secs) [==>]	[4]

Proposal 14260 - HAT-3 (03) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

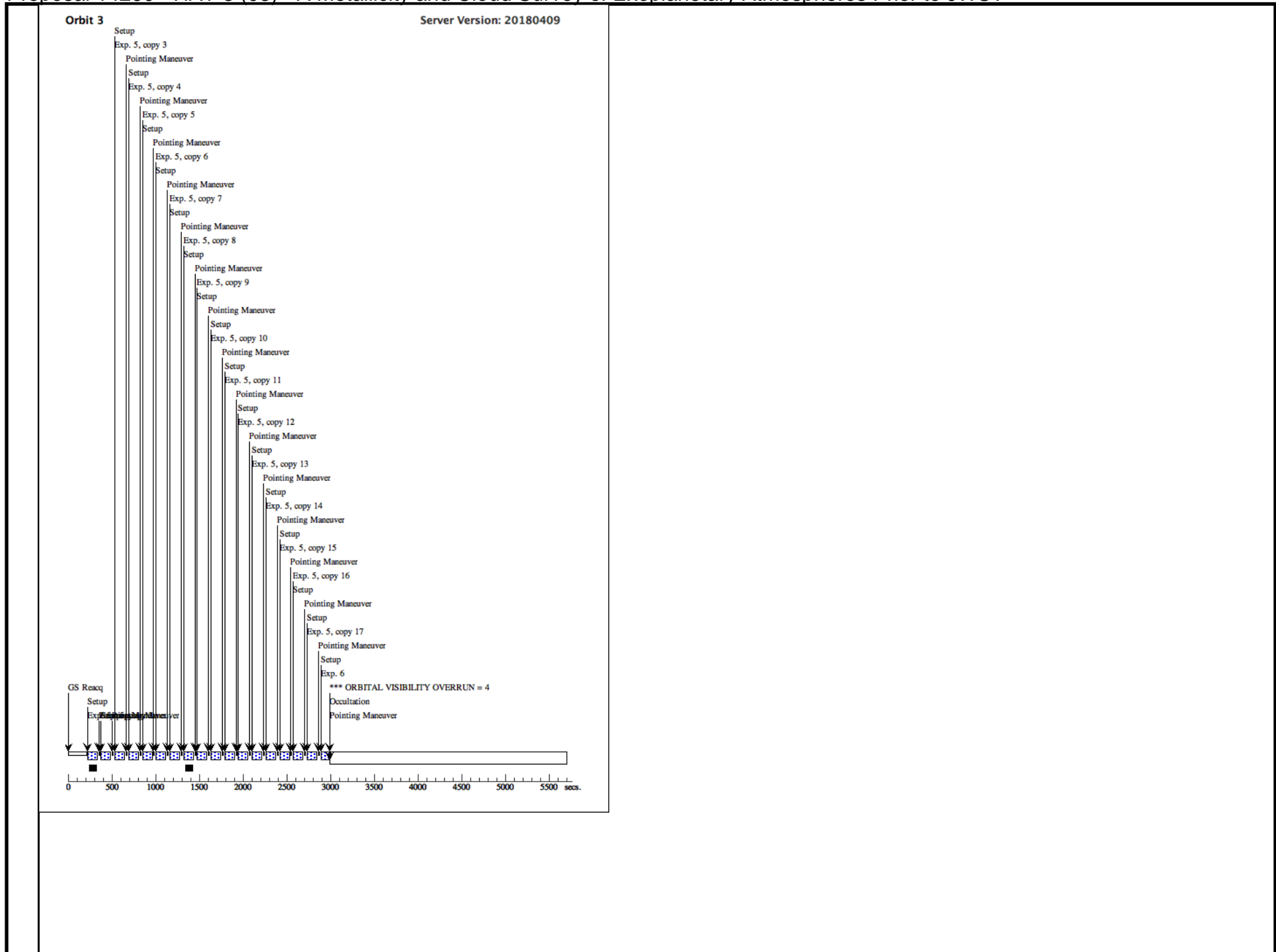
9	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forw ard	Sequence 9-10 Non-I nt in HAT-3 (03)	89.661971 Secs X 17 (1524.254 Sec s)	
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10	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forw ard	Sequence 9-10 Non-I nt in HAT-3 (03)	67.315932 Secs (67.316 Secs)	
<p>[==>]</p>								[5]



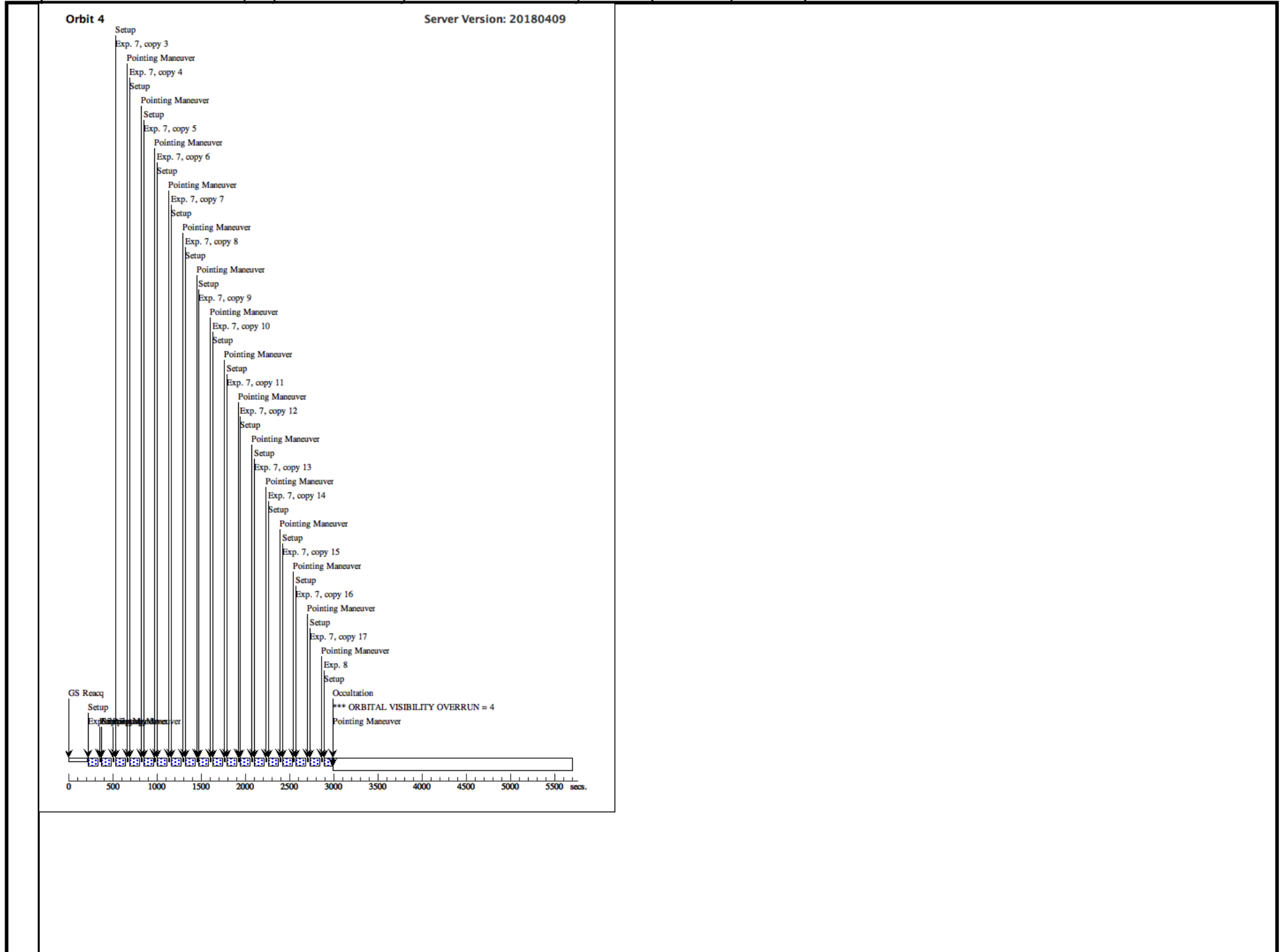
Proposal 14260 - HAT-3 (03) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



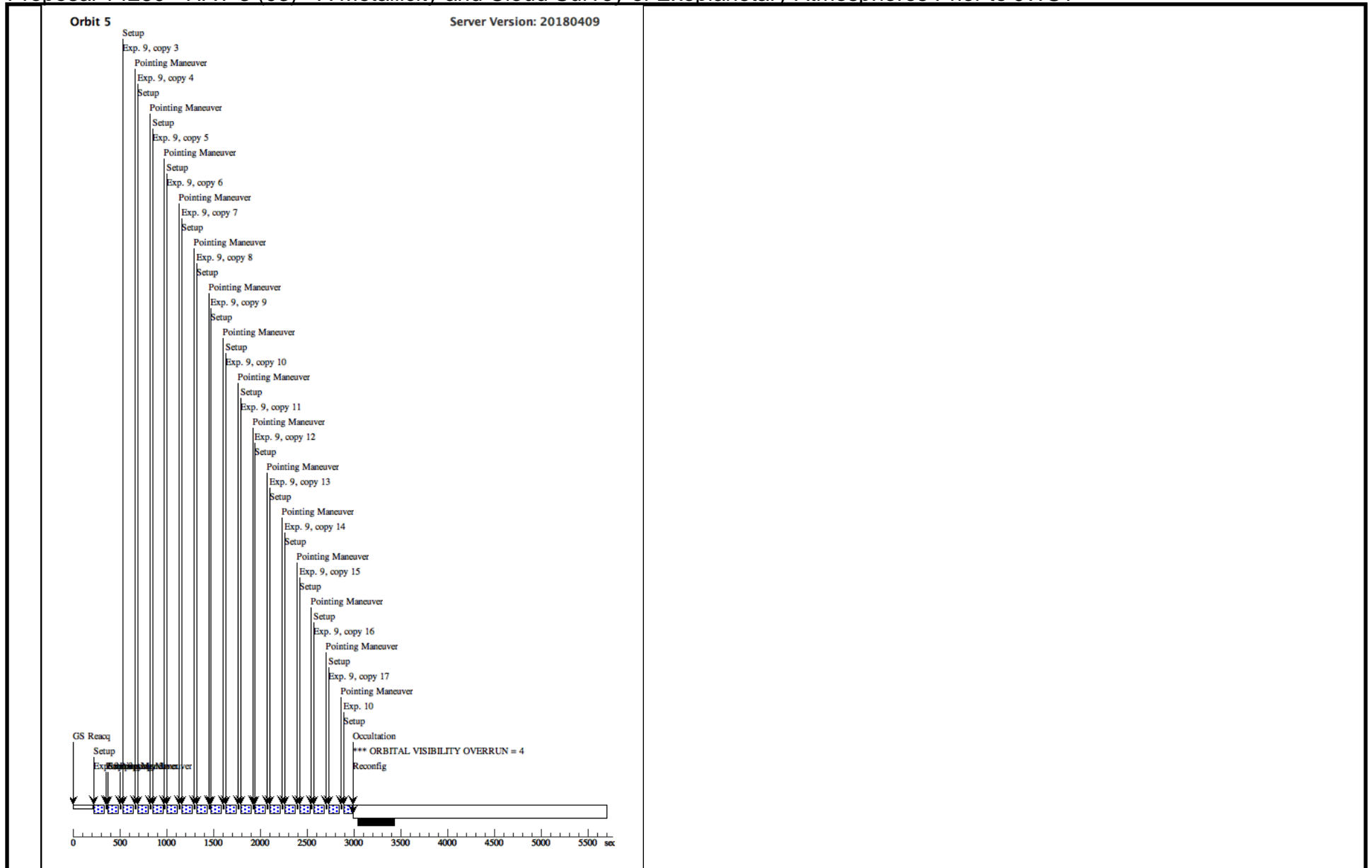
Proposal 14260 - HAT-3 (03) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-3 (03) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-3 (03) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-3 (04) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Mon Jul 09 22:09:27 GMT 2018

Visit	Proposal 14260, HAT-3 (04), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 207D TO 297 D; ORIENT 27D TO 117 D; Period 2.8997382 D AND ZERO-PHASE HJD2454218.75881																	
	Diagnosics (HAT-3 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-3 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-3 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-3 (04)) Warning (Orbit Planner): ORBITAL 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>(3)</td> <td>HAT-P-3</td> <td>RA: 13 44 22.6000 (206.0941667d) Dec: +48 01 43.20 (48.02867d) Equinox: J2000</td> <td>Proper Motion RA: -23.3 mas/yr Proper Motion Dec: -24.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0</td> <td>V=11.86</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	HAT-P-3	RA: 13 44 22.6000 (206.0941667d) Dec: +48 01 43.20 (48.02867d) Equinox: J2000	Proper Motion RA: -23.3 mas/yr Proper Motion Dec: -24.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=11.86	Reference Frame: SIMBAD
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(3)	HAT-P-3	RA: 13 44 22.6000 (206.0941667d) Dec: +48 01 43.20 (48.02867d) Equinox: J2000	Proper Motion RA: -23.3 mas/yr Proper Motion Dec: -24.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=11.86	Reference Frame: SIMBAD													
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO																		

Proposal 14260 - HAT-3 (04) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

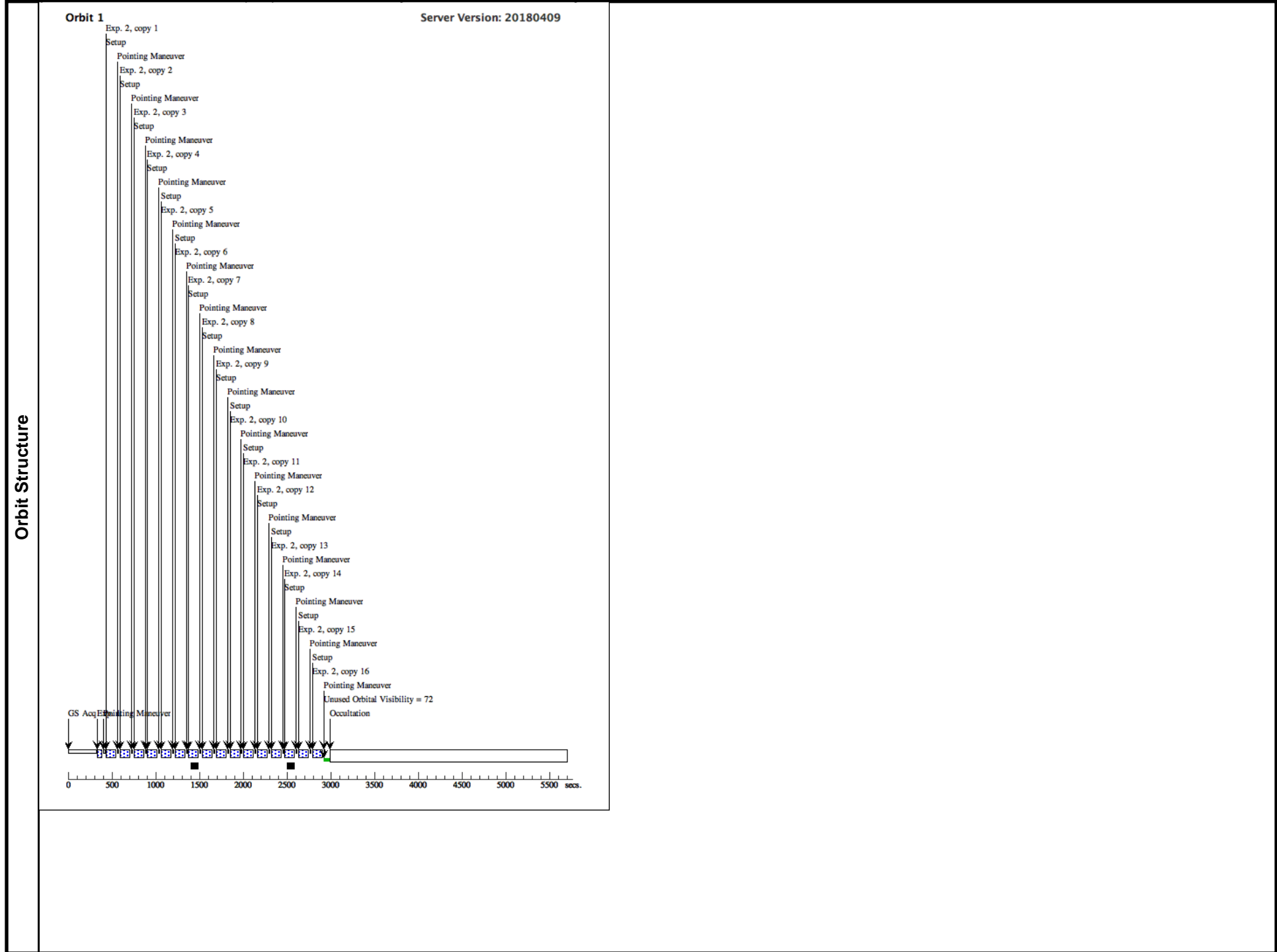
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(3) HAT-P-3	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9330 TO 0.9424	Sequence 1-2 Non-Int in HAT-3 (04)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forward	Sequence 1-2 Non-Int in HAT-3 (04)	89.661971 Secs X 16 (1434.592 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	3	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forward	Sequence 3-4 Non-Int in HAT-3 (04)	89.661971 Secs X 17 (1524.254 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
	4	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forward	Sequence 3-4 Non-Int in HAT-3 (04)	67.315932 Secs (67.316 Secs) [==>]	[2]

Proposal 14260 - HAT-3 (04) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

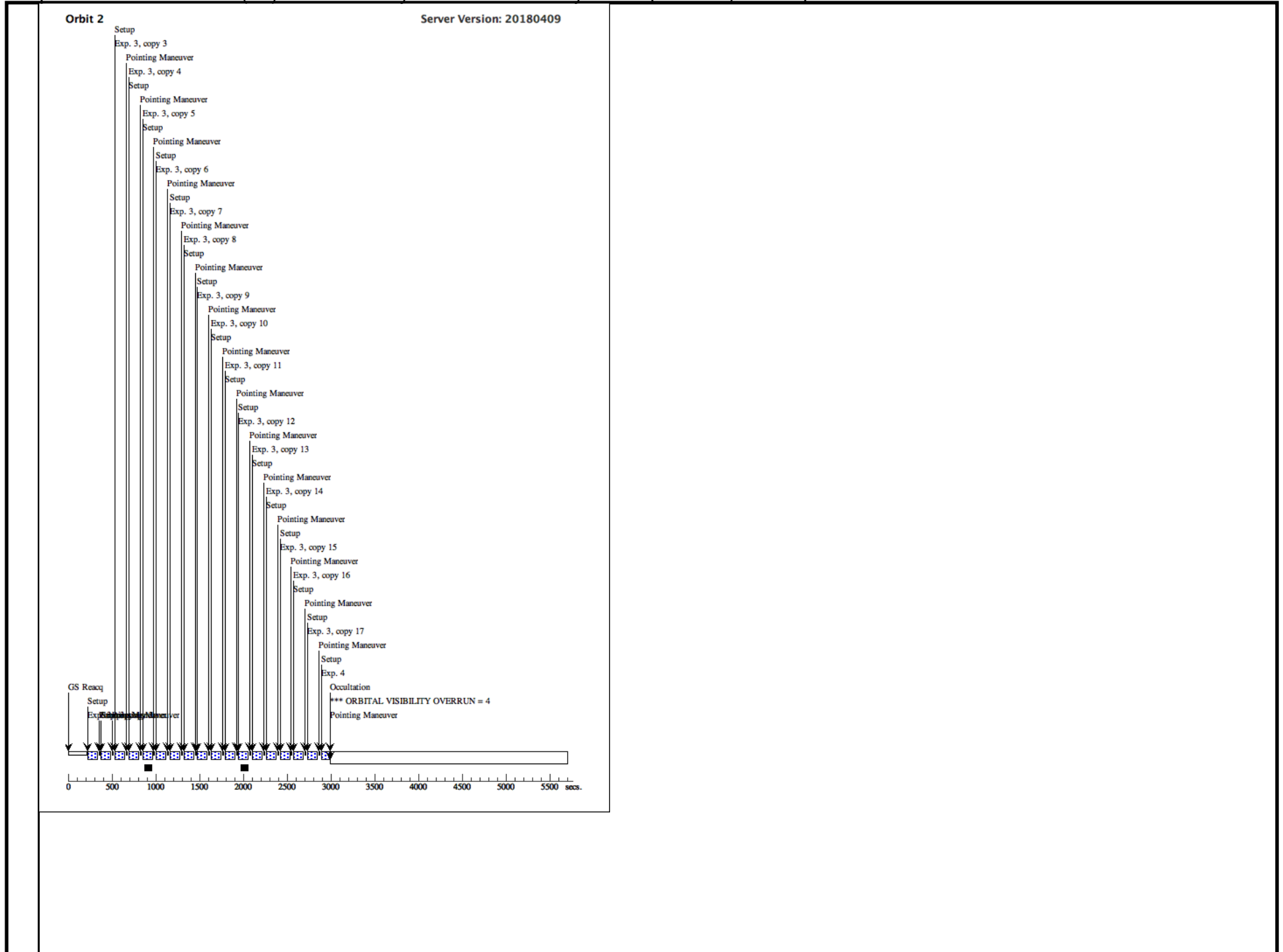
5	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forward	Sequence 5-6 Non-Int in HAT-3 (04)	89.661971 Secs X 17 (1524.254 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	
6	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forward	Sequence 5-6 Non-Int in HAT-3 (04)	67.315932 Secs (67.316 Secs)	[3]
							[==>]	
7	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forward	Sequence 7-8 Non-Int in HAT-3 (04)	89.661971 Secs X 17 (1524.254 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	
8	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forward	Sequence 7-8 Non-Int in HAT-3 (04)	67.315932 Secs (67.316 Secs)	[4]
							[==>]	

Proposal 14260 - HAT-3 (04) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

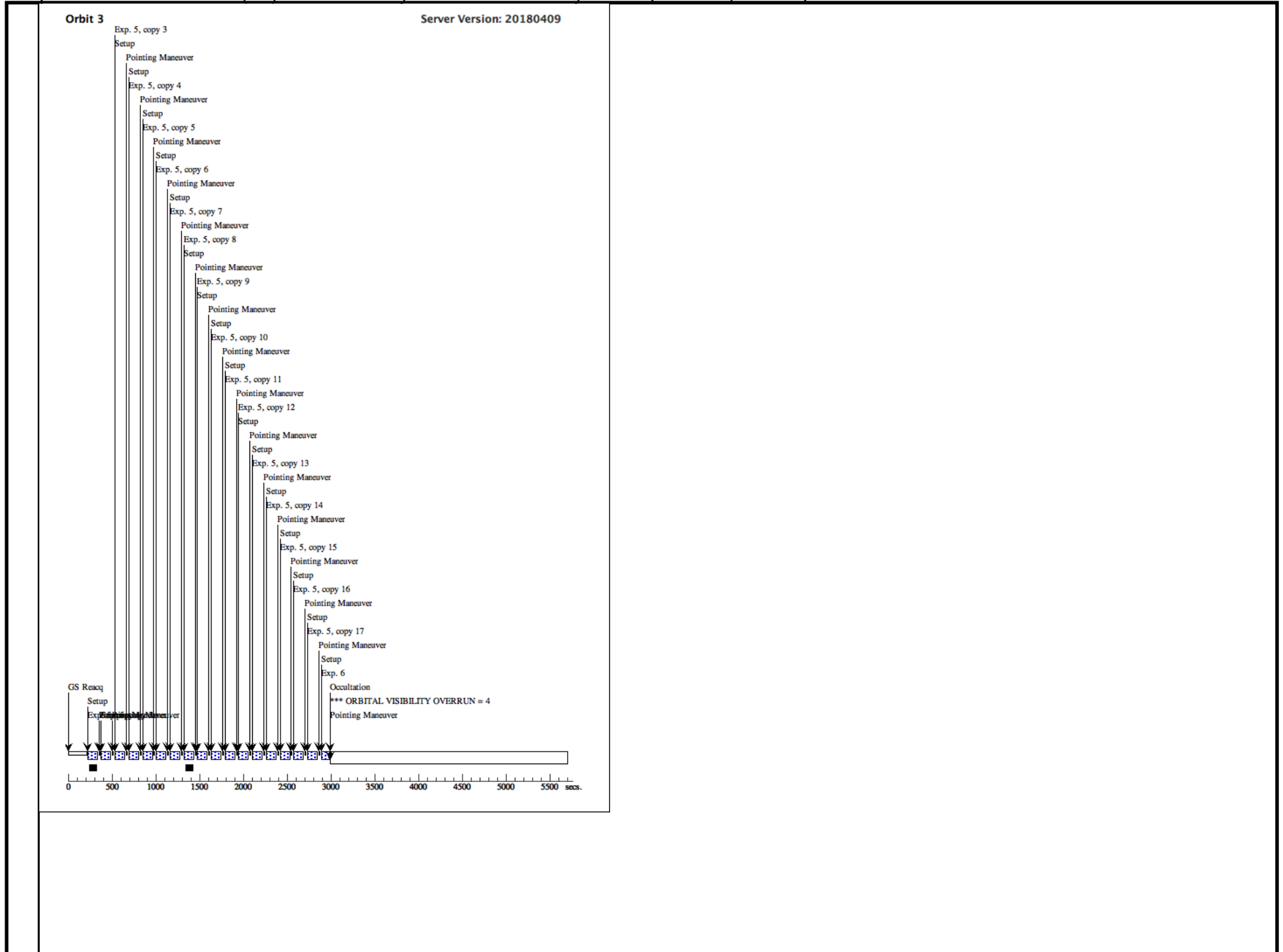
9	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forw ard	Sequence 9-10 Non-I nt in HAT-3 (04)	89.661971 Secs X 17 (1524.254 Sec s)	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[5]
10	(3) HAT-P-3	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 7,90.0 Degrees,Forw ard	Sequence 9-10 Non-I nt in HAT-3 (04)	67.315932 Secs (67.316 Secs)	[==>]	[5]



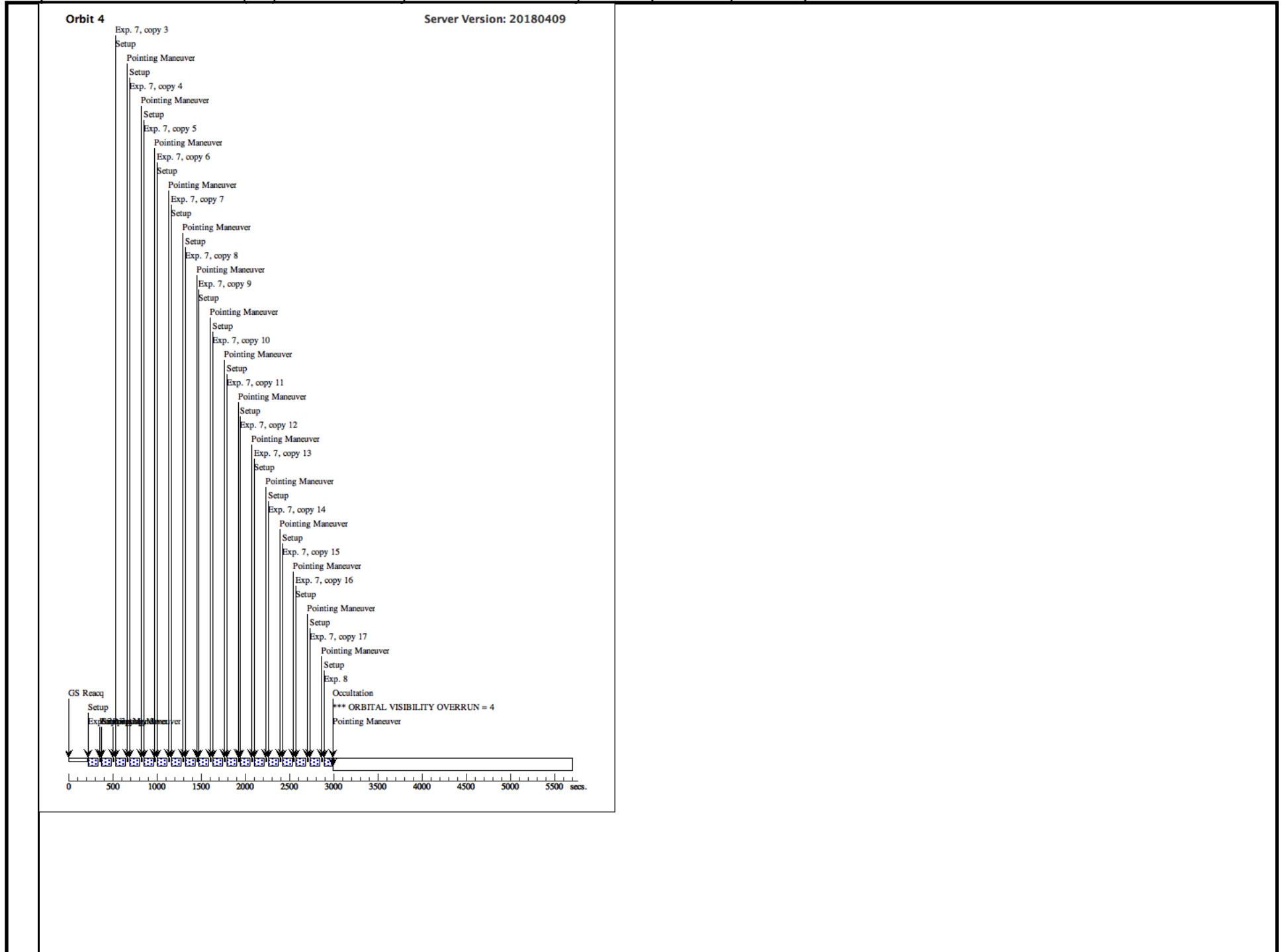
Proposal 14260 - HAT-3 (04) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



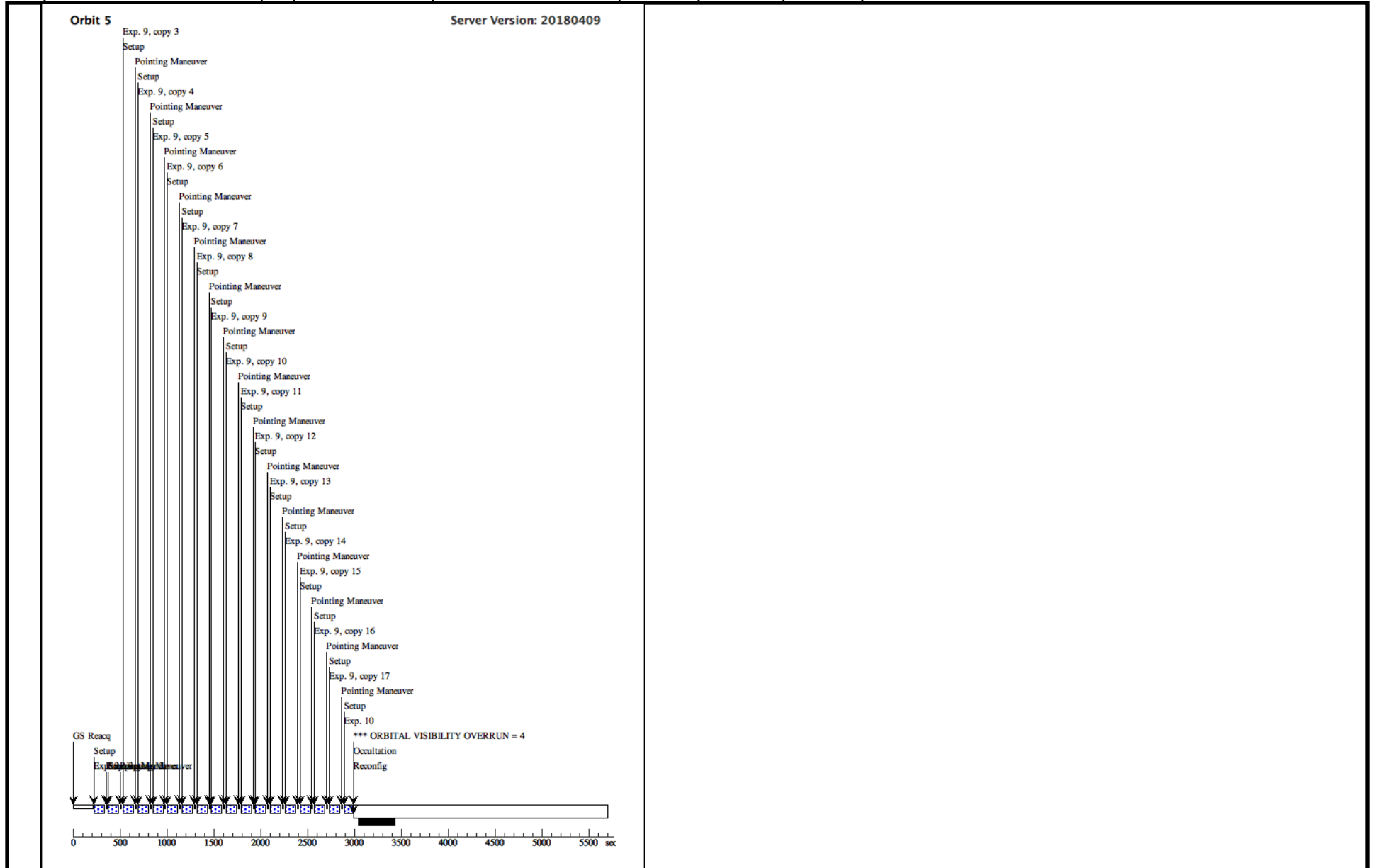
Proposal 14260 - HAT-3 (04) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-3 (04) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-3 (04) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-80 (05) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Mon Jul 09 22:09:27 GMT 2018

Visit	Proposal 14260, WASP-80 (05), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 334D TO 34 D; ORIENT 154D TO 214 D; Period 3.06786144 D AND ZERO-PHASE HJD2456125.416625												
	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>(4)</td> <td>WASP-80</td> <td> RA: 20 12 40.2000 (303.1675000d) Dec: -02 08 39.20 (-2.14422d) Equinox: J2000 </td> <td> Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr </td> <td>V=11.87</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table> <p> <i>Comments:</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO </p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(4)	WASP-80	RA: 20 12 40.2000 (303.1675000d) Dec: -02 08 39.20 (-2.14422d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr	V=11.87
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(4)	WASP-80	RA: 20 12 40.2000 (303.1675000d) Dec: -02 08 39.20 (-2.14422d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr	V=11.87	Reference Frame: SIMBAD								

Proposal 14260 - WASP-80 (05) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

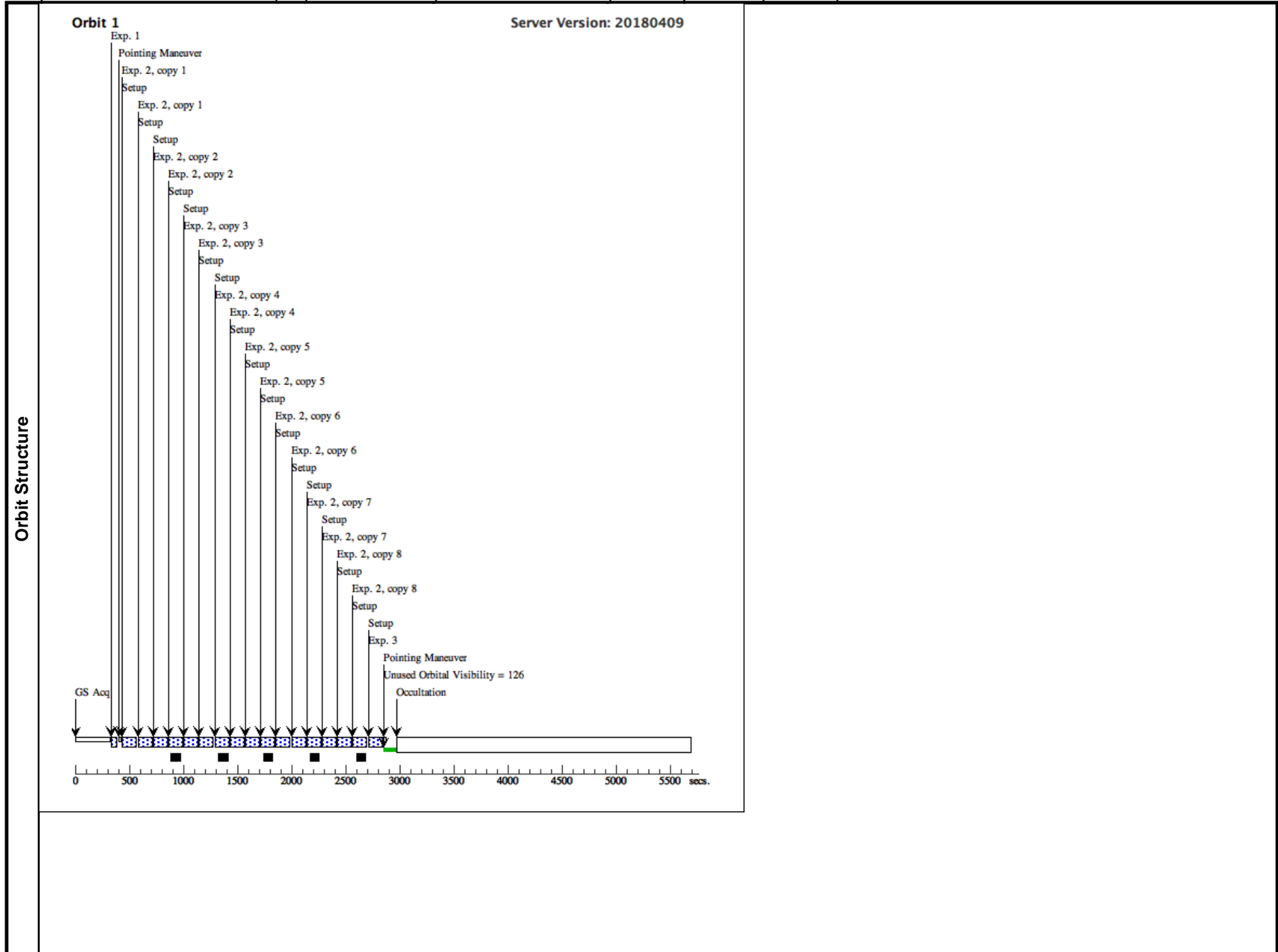
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(4) WASP-80	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9437 TO 0.9576	Sequence 1-3 Non-Int in WASP-80 (05)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(4) WASP-80	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Rounded trip	Sequence 1-3 Non-Int in WASP-80 (05)	103.128633 Secs X 8 (1650.058 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[1]
	3	(4) WASP-80	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-80 (05)	103.128633 Secs (103.129 Secs) [==>]	[1]
	4	(4) WASP-80	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Rounded trip	Sequence 4-5 Non-Int in WASP-80 (05)	103.128633 Secs X 9 (1856.315 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[2]

Proposal 14260 - WASP-80 (05) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

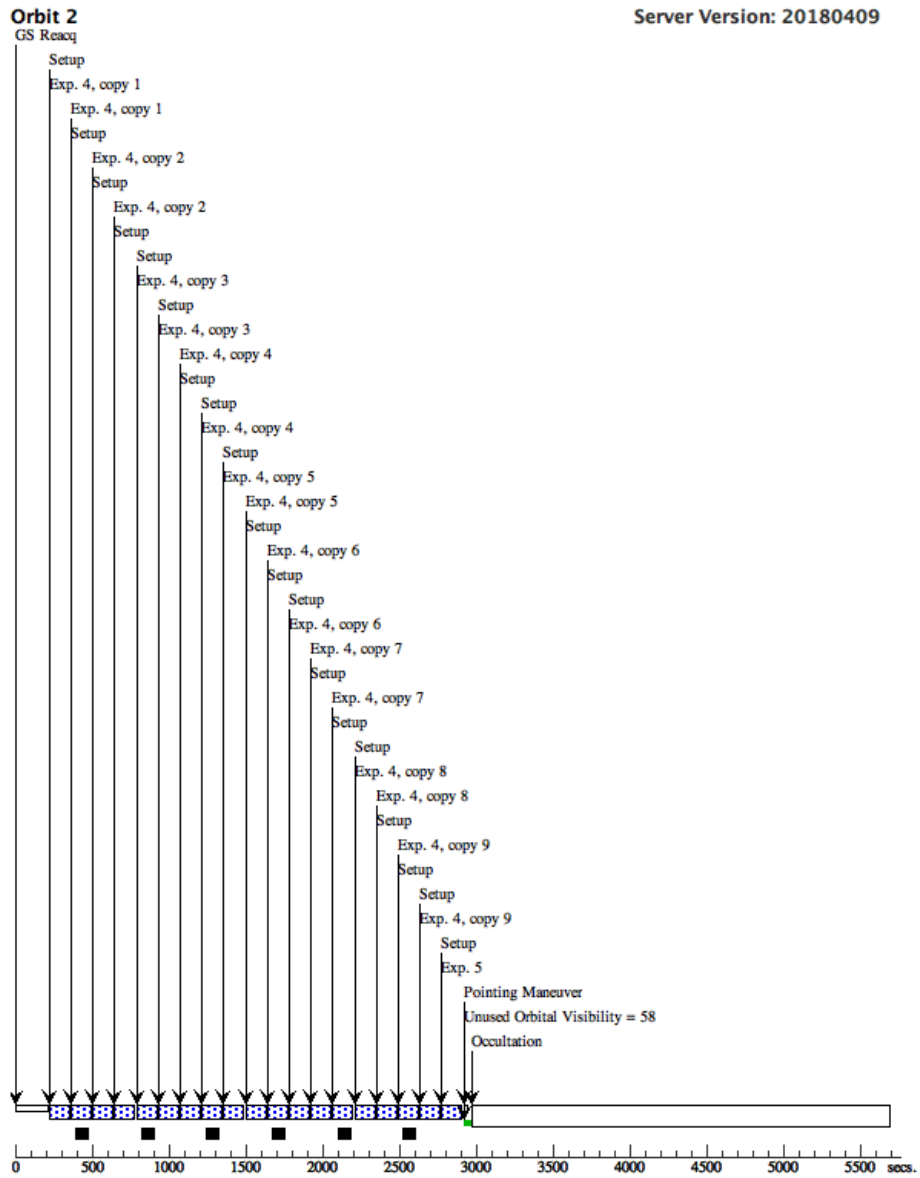
5	(4) WASP-80	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forward	Sequence 4-5 Non-Int in WASP-80 (05)	103.128633 Secs (103.129 Secs)	[2]
6	(4) WASP-80	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Round trip	Sequence 6-7 Non-Int in WASP-80 (05)	103.128633 Secs X 9 (1856.315 Secs)	[3]
7	(4) WASP-80	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forward	Sequence 6-7 Non-Int in WASP-80 (05)	103.128633 Secs (103.129 Secs)	[3]

Proposal 14260 - WASP-80 (05) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

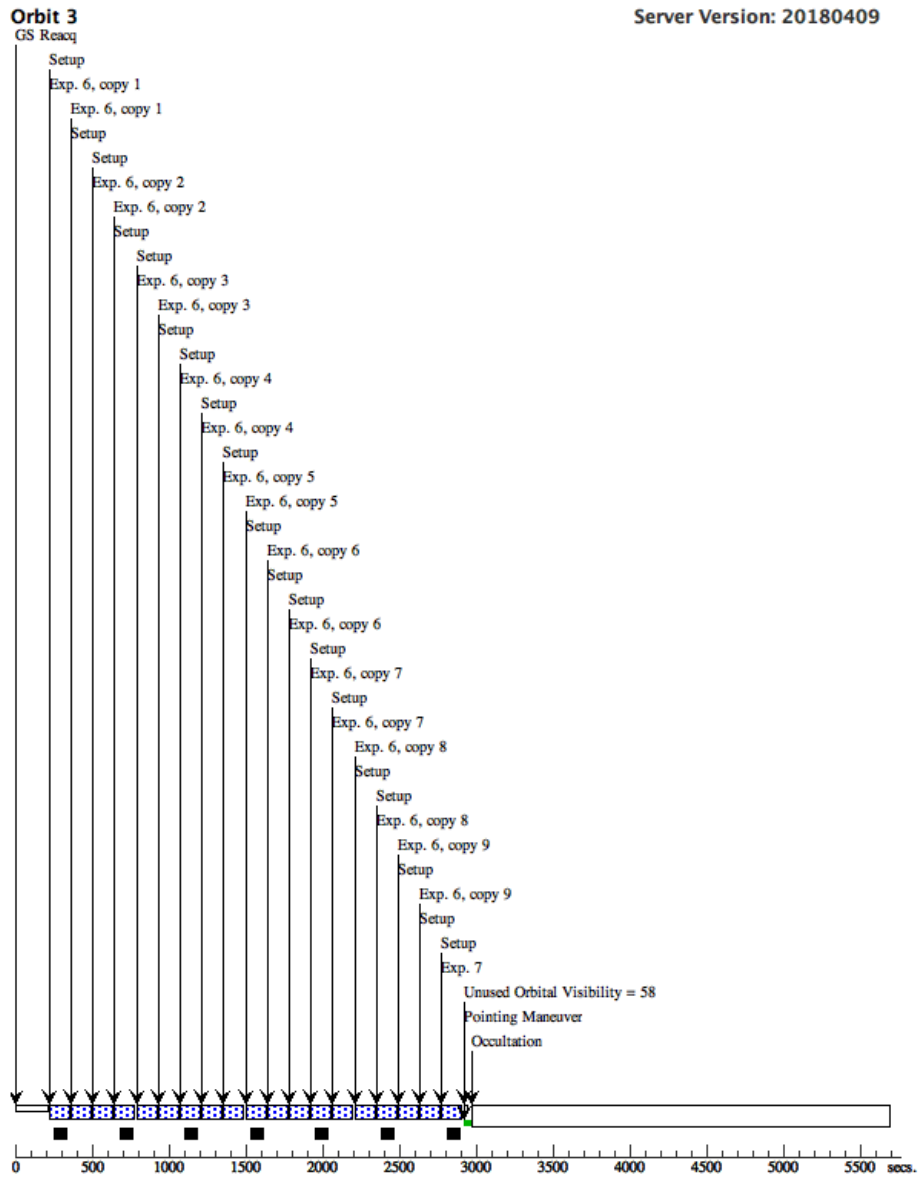
8	(4) WASP-80	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Round trip	Sequence 8-9 Non-Int in WASP-80 (05)	103.128633 Secs X 9 (1856.315 Secs)	[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[4]
9	(4) WASP-80	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forward	Sequence 8-9 Non-Int in WASP-80 (05)	103.128633 Secs (103.129 Secs)	[==>]	[4]



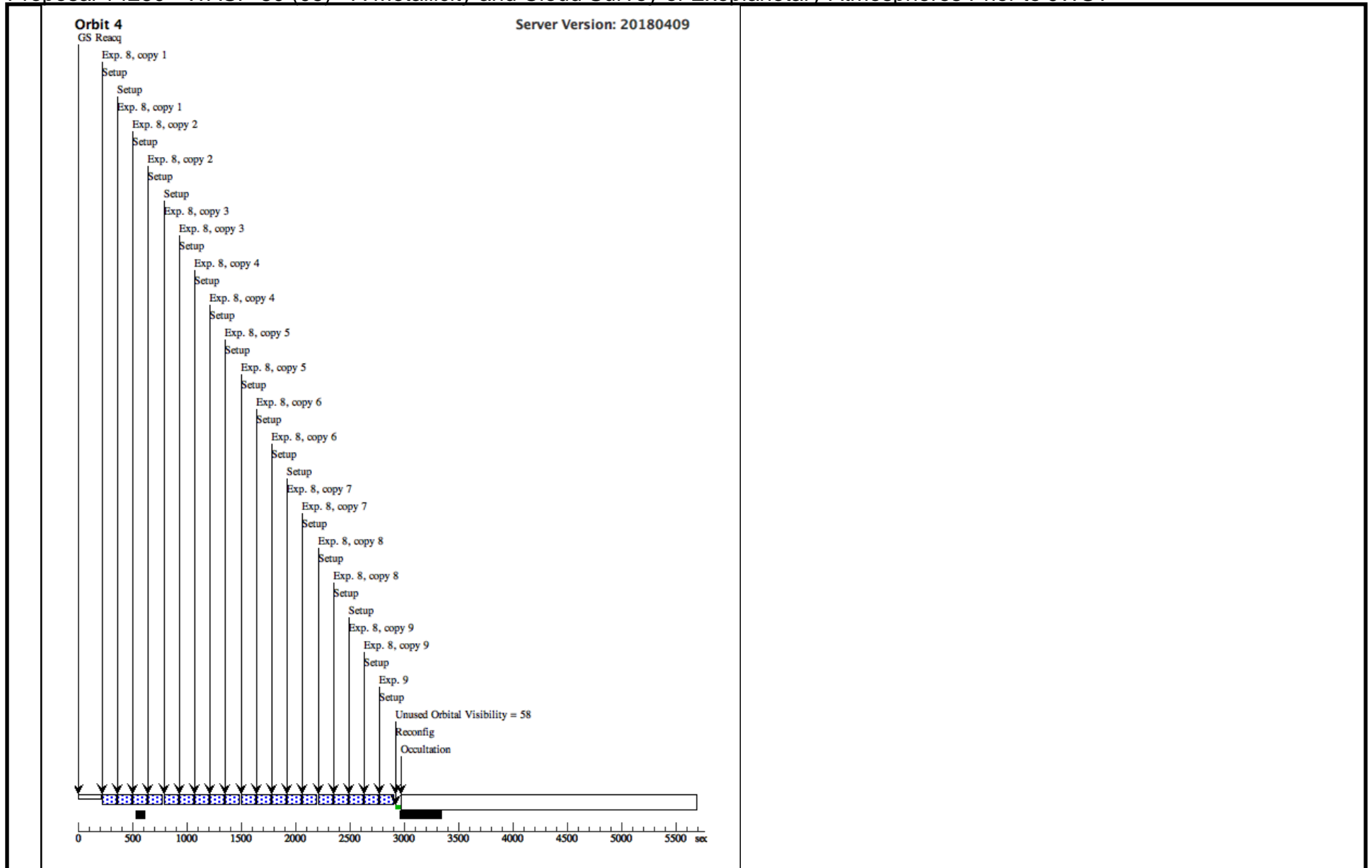
Proposal 14260 - WASP-80 (05) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-80 (05) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-80 (05) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-52 (06) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

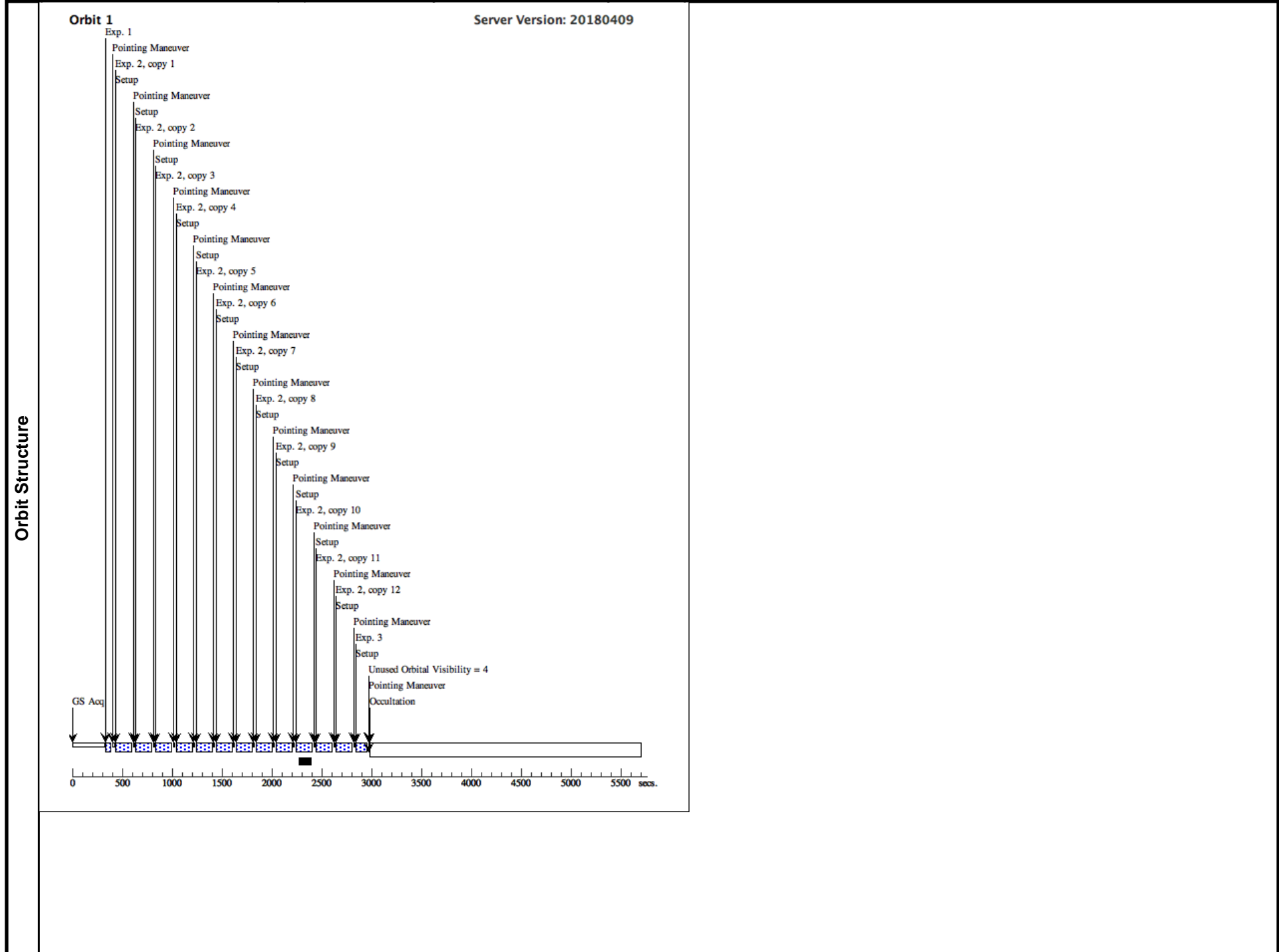
Visit	Proposal 14260, WASP-52 (06), completed Mon Jul 09 22:09:28 GMT 2018 Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 1.7497798 D AND ZERO-PHASE HJD2455793.68143																
	Diagnosics (WASP-52 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-52 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-52 (06)) Warning (Orbit Planner): ORBITAL 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>WASP-52</td> <td>RA: 23 13 58.7600 (348.4948333d) Dec: +08 45 40.60 (8.76128d) Equinox: J2000</td> <td>Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0</td> <td>V=12.0</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	WASP-52	RA: 23 13 58.7600 (348.4948333d) Dec: +08 45 40.60 (8.76128d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.0	Reference Frame: SIMBAD
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(6)	WASP-52	RA: 23 13 58.7600 (348.4948333d) Dec: +08 45 40.60 (8.76128d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.0	Reference Frame: SIMBAD												
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO																	

Proposal 14260 - WASP-52 (06) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(6) WASP-52	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9072 TO 0.9237	Sequence 1-3 Non-Int in WASP-52 (06)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(6) WASP-52	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-52 (06)	134.354049 Secs X 12 (1612.249 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	3	(6) WASP-52	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-52 (06)	89.661971 Secs (89.662 Secs) [==>]	[1]
	4	(6) WASP-52	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 4-5 Non-Int in WASP-52 (06)	134.354049 Secs X 13 (1746.603 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[2]
	5	(6) WASP-52	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 4-5 Non-Int in WASP-52 (06)	112.00801 Secs (112.008 Secs) [==>]	[2]

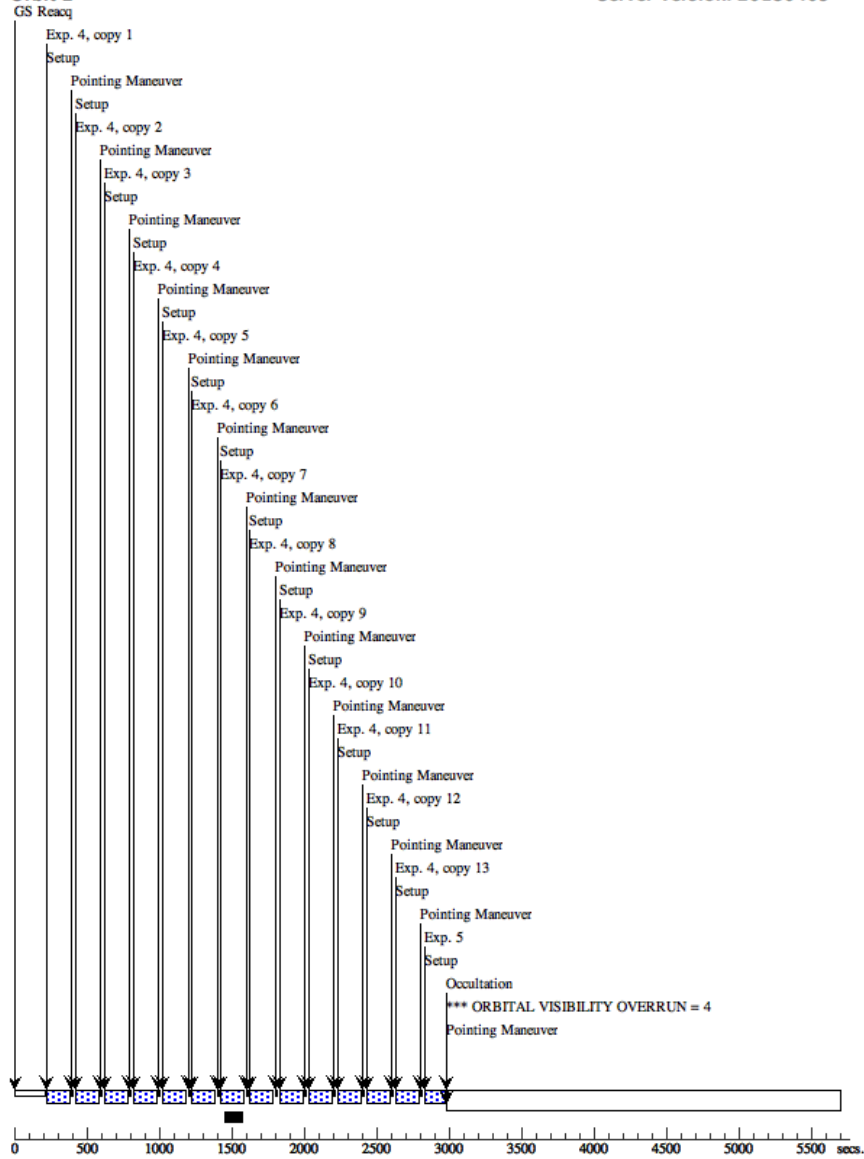
Proposal 14260 - WASP-52 (06) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

6	(6) WASP-52	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 6-7 Non-Int in WASP-52 (06)	134.354049 Secs X 13 (1746.603 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
7	(6) WASP-52	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 6-7 Non-Int in WASP-52 (06)	112.00801 Secs (112.008 Secs)	[3]
							[==>]	
8	(6) WASP-52	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 8-9 Non-Int in WASP-52 (06)	134.354049 Secs X 13 (1746.603 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
9	(6) WASP-52	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 8-9 Non-Int in WASP-52 (06)	112.00801 Secs (112.008 Secs)	[4]
							[==>]	



Orbit 2

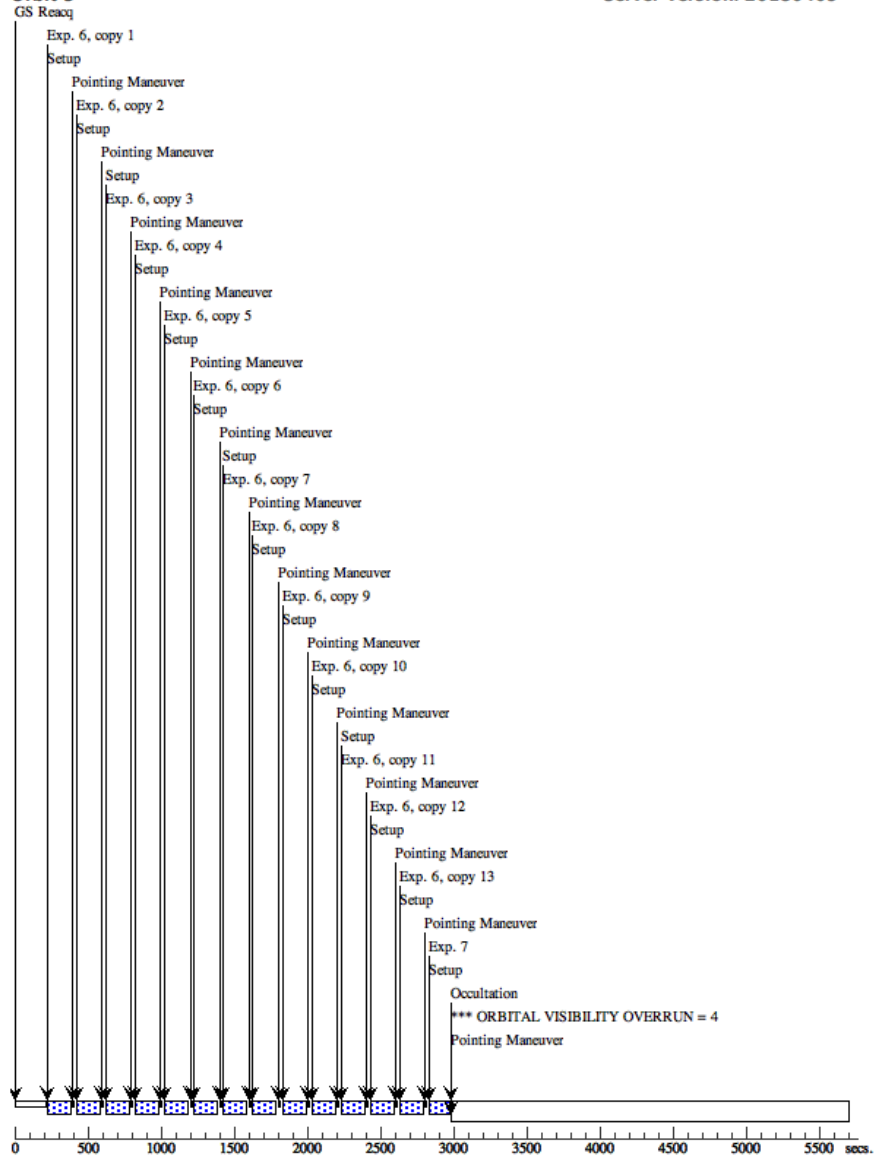
Server Version: 20180409



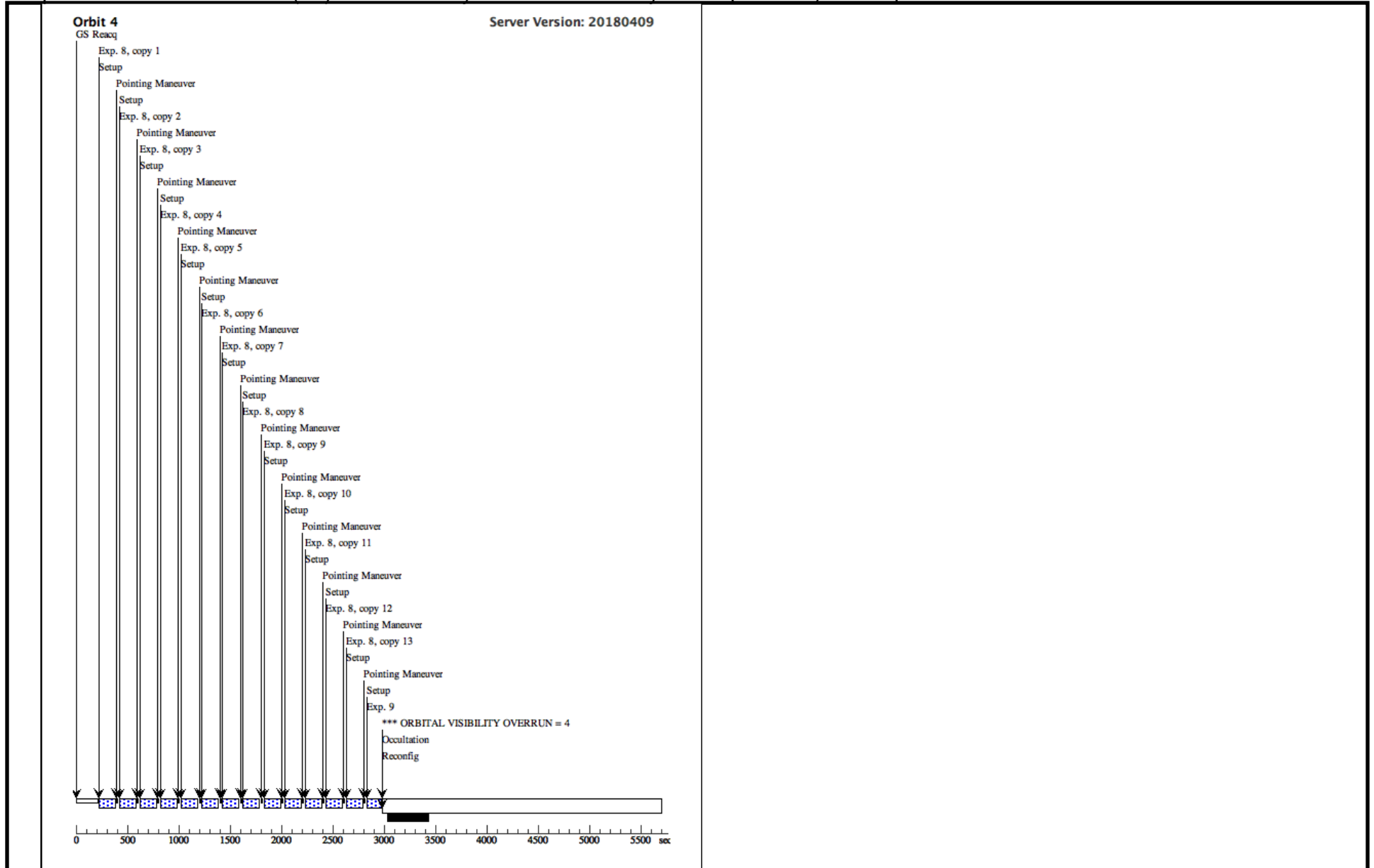
Proposal 14260 - WASP-52 (06) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 3

Server Version: 20180409



Proposal 14260 - WASP-52 (06) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-67 (07) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, WASP-67 (07), completed Mon Jul 09 22:09:28 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 4.6144109 D AND ZERO-PHASE HJD2455824.37346					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(7)		WASP-67	RA: 19 42 58.5000 (295.7437500d) Dec: -19 56 58.40 (-19.94956d) Equinox: J2000	Proper Motion RA: -2.5 mas/yr Proper Motion Dec: -33.9 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.54	Reference Frame: SIMBAD
<i>Comments:</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO						

Proposal 14260 - WASP-67 (07) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

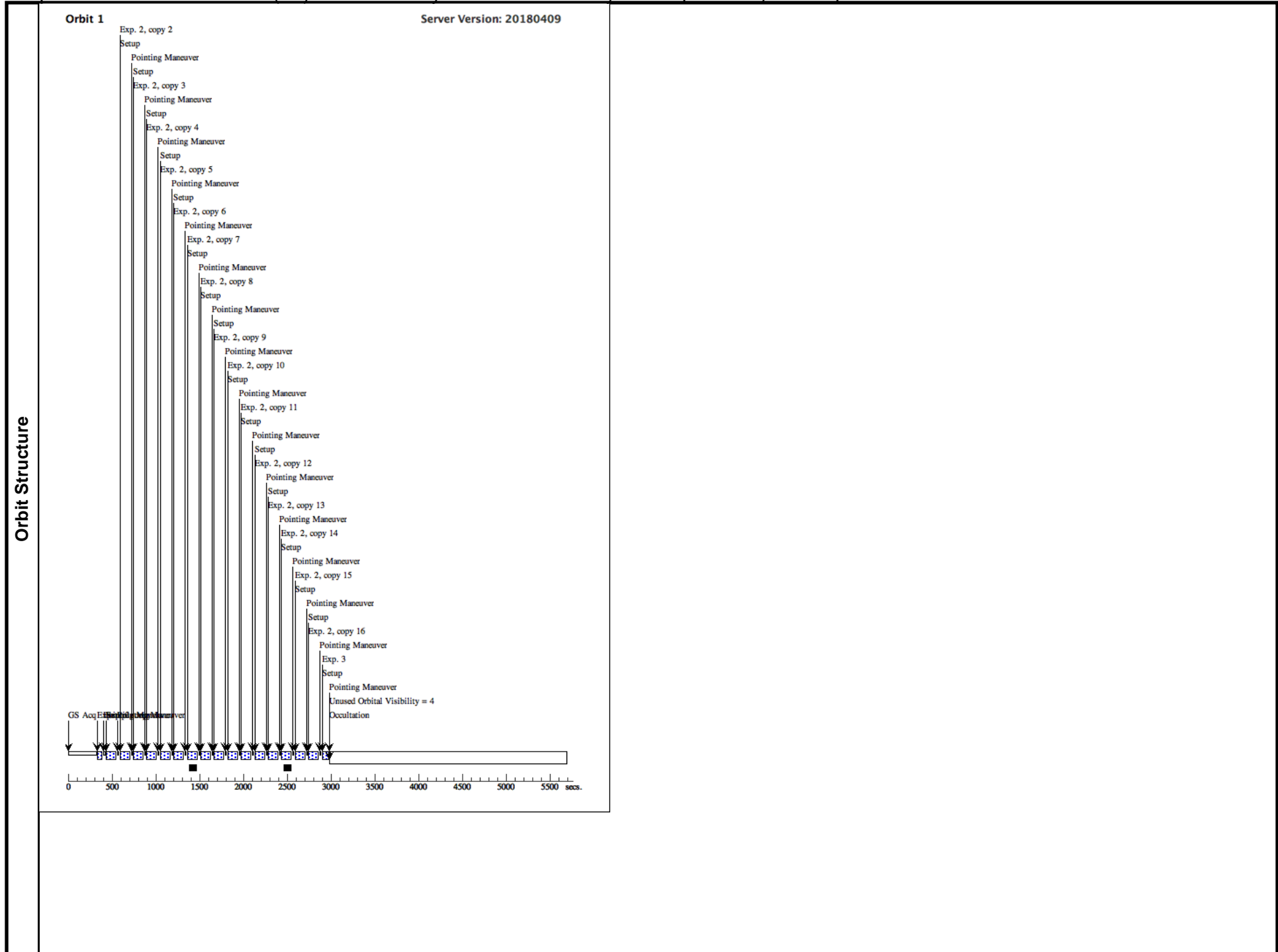
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(7) WASP-67	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9656 TO 0.9703	Sequence 1-3 Non-Int in WASP-67 (07)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(7) WASP-67	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 37,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-67 (07)	89.661971 Secs X 16 (1434.592 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	3	(7) WASP-67	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=3	POS TARG 0.0,-12; SPATIAL SCAN 0.0 37,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-67 (07)	44.969893 Secs (44.97 Secs) [==>]	[1]
	4	(7) WASP-67	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 37,90.0 Degrees,Forward	Sequence 4-5 Non-Int in WASP-67 (07)	89.661971 Secs X 17 (1524.254 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]

Proposal 14260 - WASP-67 (07) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

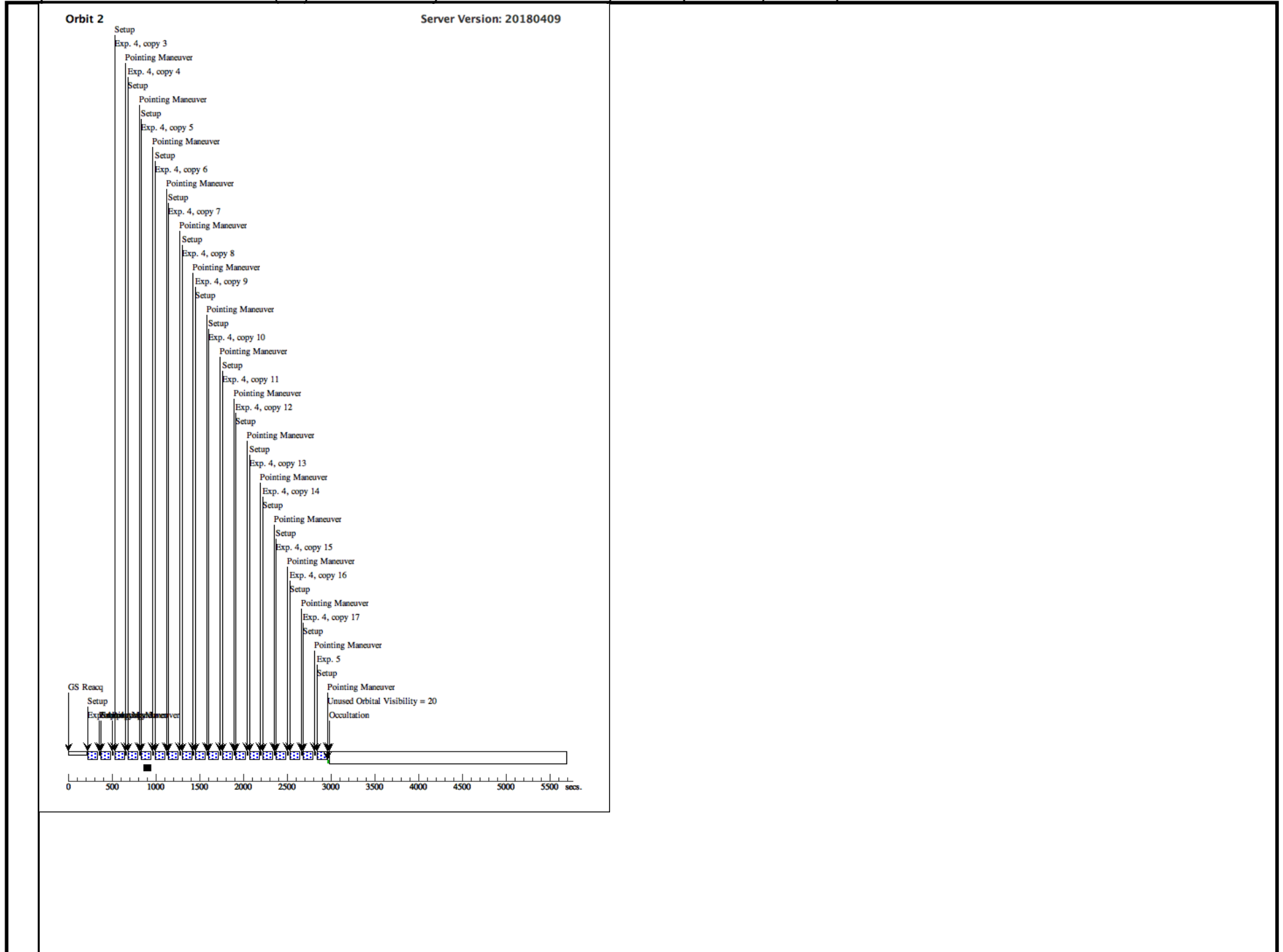
5	(7) WASP-67	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 37,90.0 Degrees,For ward	Sequence 4-5 Non-In t in WASP-67 (07)	89.661971 Secs (89.662 Secs)	[==>]	[2]
6	(7) WASP-67	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 37,90.0 Degrees,For ward	Sequence 6-7 Non-In t in WASP-67 (07)	89.661971 Secs X 17 (1524.254 Secs)	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]
7	(7) WASP-67	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 37,90.0 Degrees,For ward	Sequence 6-7 Non-In t in WASP-67 (07)	89.661971 Secs (89.662 Secs)	[==>]	[3]
8	(7) WASP-67	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 37,90.0 Degrees,For ward	Sequence 8-9 Non-In t in WASP-67 (07)	89.661971 Secs X 17 (1524.254 Secs)	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]

Proposal 14260 - WASP-67 (07) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

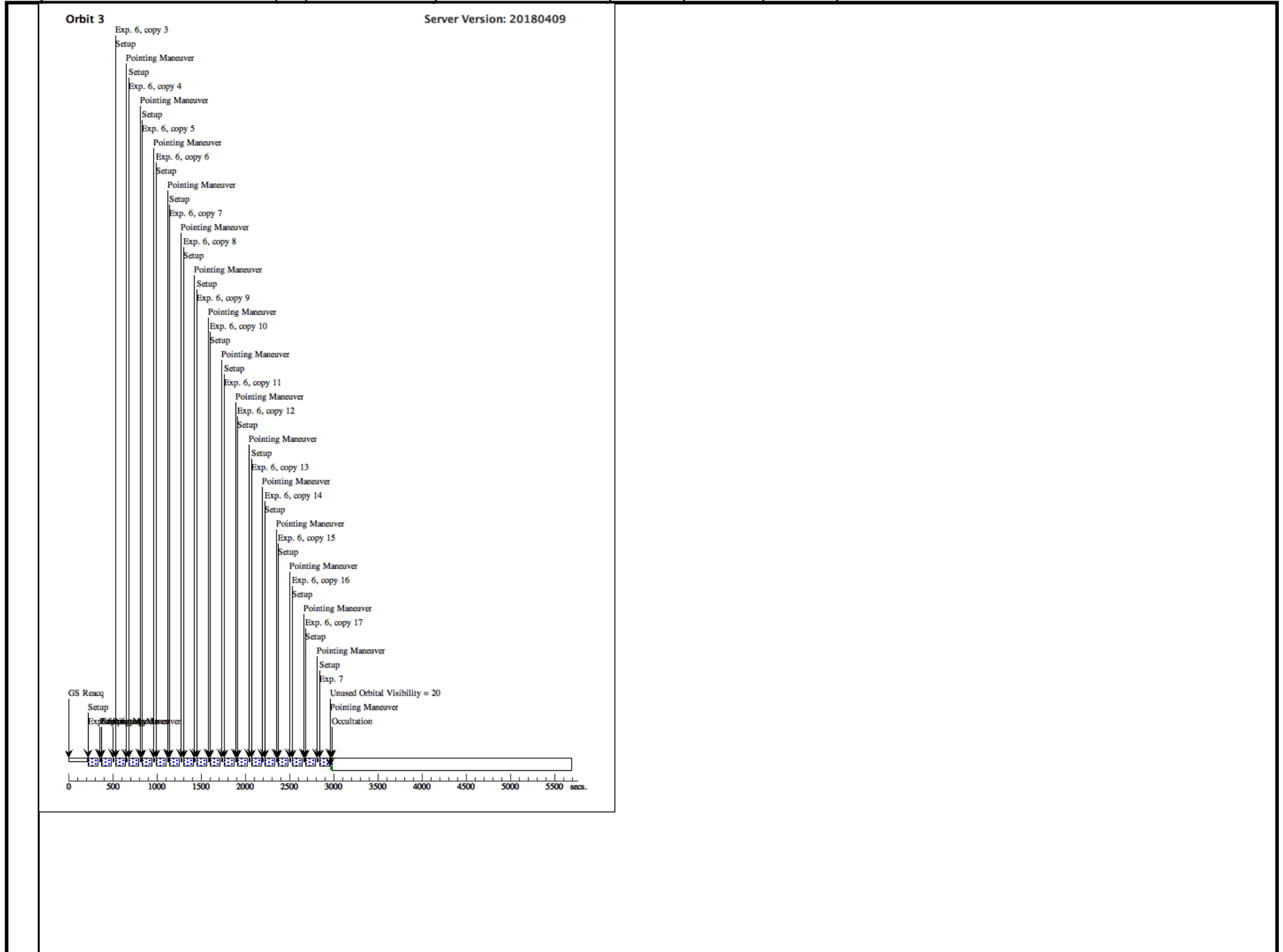
9	(7) WASP-67	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 37.90.0 Degrees,For ward	Sequence 8-9 Non-Int in WASP-67 (07)	89.661971 Secs (89.662 Secs) [==>]	[4]
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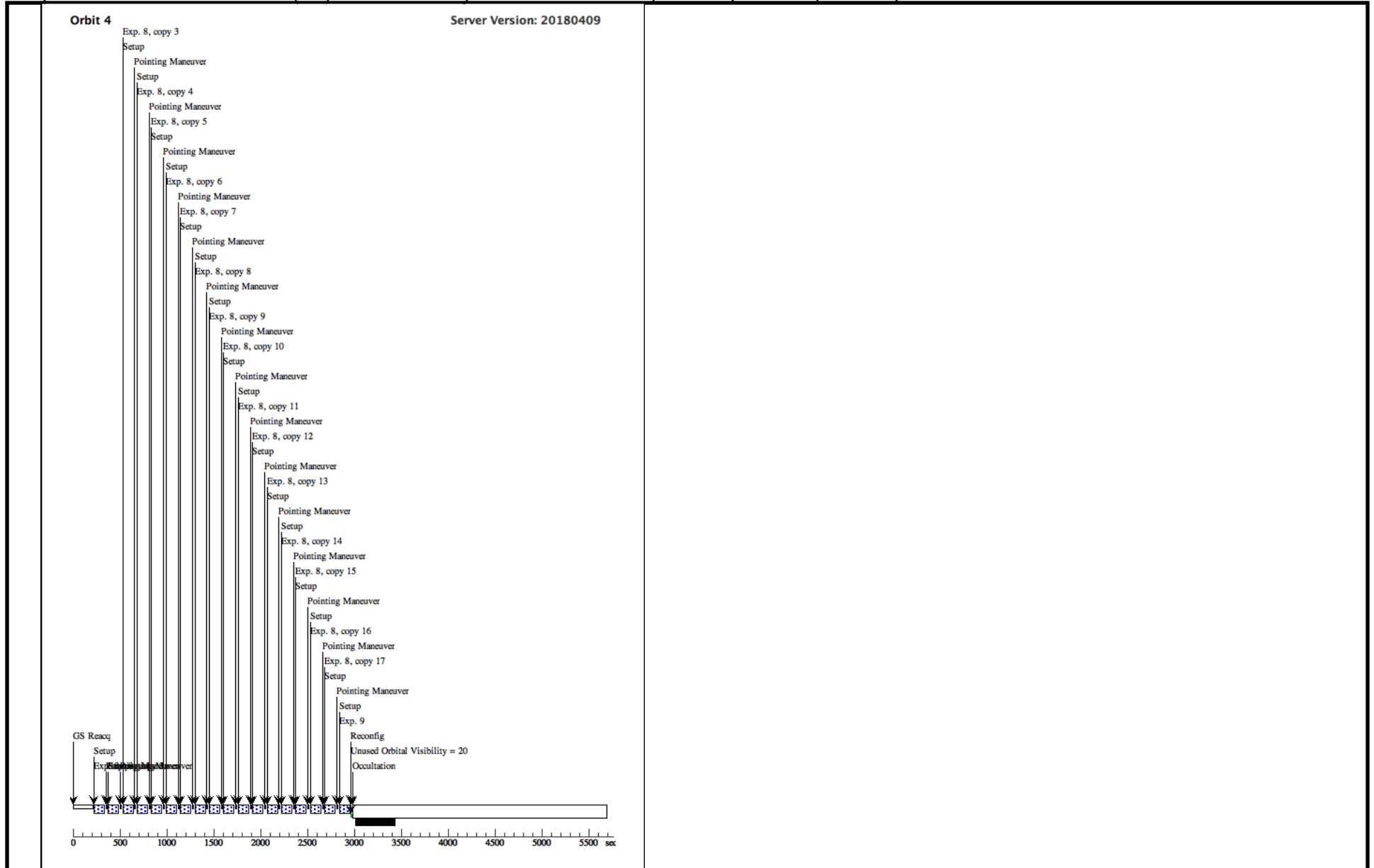
Proposal 14260 - WASP-67 (07) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-67 (07) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-67 (07) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HD149026 (08) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, HD149026 (08), completed Mon Jul 09 22:09:28 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 2.8758911 D AND ZERO-PHASE HJD2454456.78761					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(8)		HD-149026	RA: 16 30 29.6200 (247.6234167d) Dec: +38 20 50.30 (38.34731d) Equinox: J2000	Proper Motion RA: -76.27 mas/yr Proper Motion Dec: +53.07 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=8.14	Reference Frame: SIMBAD
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO						

Proposal 14260 - HD149026 (08) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(8) HD-149026	WFC3/IR, MULTIACCUM, IRSUB512		F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 13.5,0.0 ; PHASE 0.9312 TO 0.9433	Sequence 1-2 Non-Int in HD149026 (08)	4.265135 Secs (4.265 Secs)	
								[==>]	[1]
2	(8) HD-149026	WFC3/IR, MULTIACCUM, GRISM512		G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 13.5,-29 ; SPATIAL SCAN 0.7 ,90.0 Degrees.Round trip	Sequence 1-2 Non-Int in HD149026 (08)	69.61678 Secs X 11 (1531.569 Secs)	
								[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)]	[1]

Exposures

Proposal 14260 - HD149026 (08) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

3	(8) HD-149026	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 13.5,-29 ; SPATIAL SCAN 0.7 ,90.0 Degrees,Round trip	Sequence 3-3 Non-Int in HD149026 (08)	69.61678 Secs X 12 (1670.803 Secs) [=>(Copy 1, Forward)] [=>(Copy 1, Reverse)] [=>(Copy 2, Forward)] [=>(Copy 2, Reverse)] [=>(Copy 3, Forward)] [=>(Copy 3, Reverse)] [=>(Copy 4, Forward)] [=>(Copy 4, Reverse)] [=>(Copy 5, Forward)] [=>(Copy 5, Reverse)] [=>(Copy 6, Forward)] [=>(Copy 6, Reverse)] [=>(Copy 7, Forward)] [=>(Copy 7, Reverse)] [=>(Copy 8, Forward)] [=>(Copy 8, Reverse)] [=>(Copy 9, Forward)] [=>(Copy 9, Reverse)] [=>(Copy 10, Forward)] [=>(Copy 10, Reverse)] [=>(Copy 11, Forward)] [=>(Copy 11, Reverse)] [=>(Copy 12, Forward)] [=>(Copy 12, Reverse)]	[2]
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Proposal 14260 - HD149026 (08) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

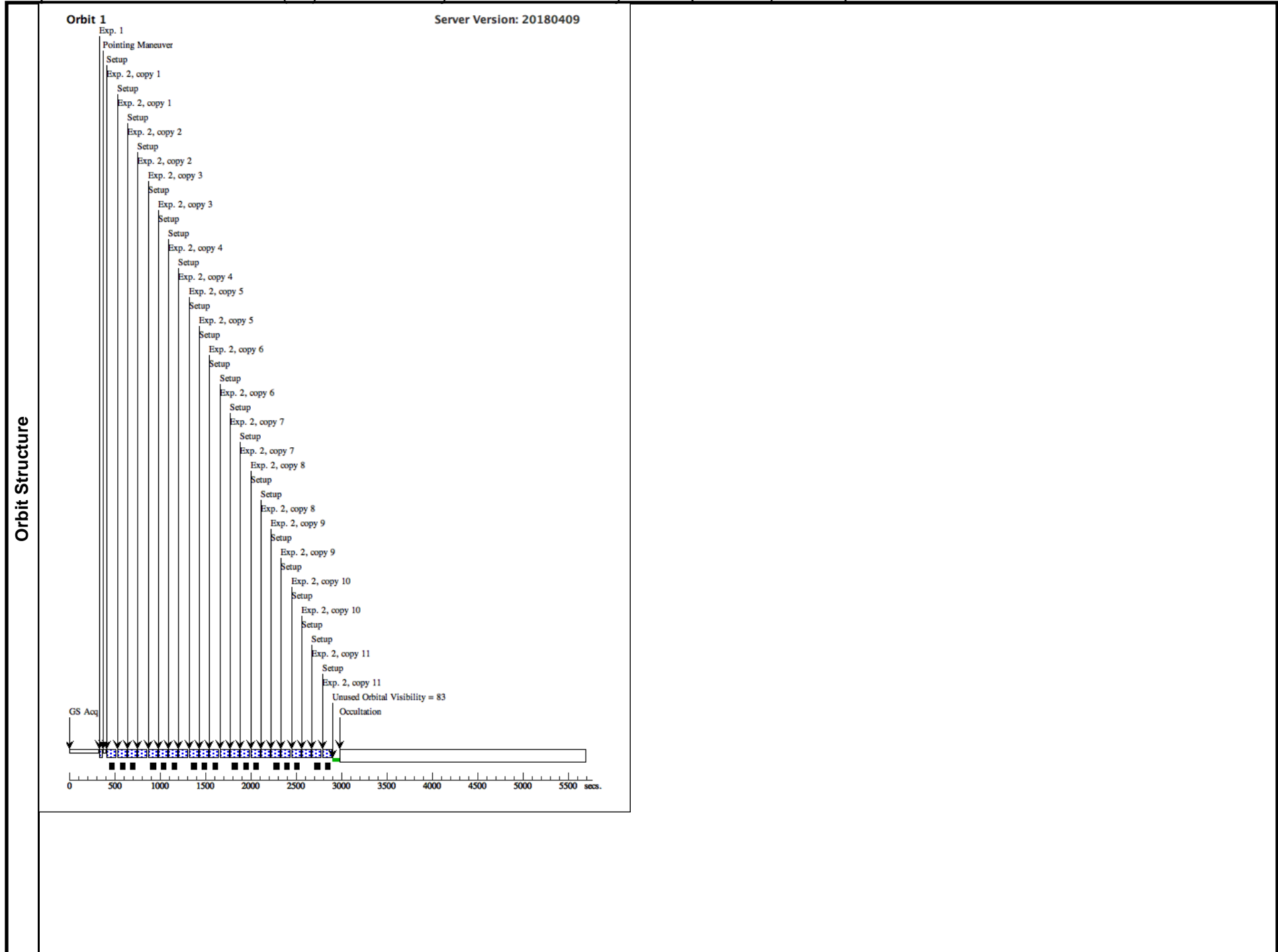
4	(8) HD-149026	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 13.5,-29 ;	Sequence 4-4 Non-Int in HD149026 (08)	69.61678 Secs X 12 (1670.803 Secs) [=>(Copy 1, Forward)] [=>(Copy 1, Reverse)] [=>(Copy 2, Forward)] [=>(Copy 2, Reverse)] [=>(Copy 3, Forward)] [=>(Copy 3, Reverse)] [=>(Copy 4, Forward)] [=>(Copy 4, Reverse)] [=>(Copy 5, Forward)] [=>(Copy 5, Reverse)] [=>(Copy 6, Forward)] [=>(Copy 6, Reverse)] [=>(Copy 7, Forward)] [=>(Copy 7, Reverse)] [=>(Copy 8, Forward)] [=>(Copy 8, Reverse)] [=>(Copy 9, Forward)] [=>(Copy 9, Reverse)] [=>(Copy 10, Forward)] [=>(Copy 10, Reverse)] [=>(Copy 11, Forward)] [=>(Copy 11, Reverse)] [=>(Copy 12, Forward)] [=>(Copy 12, Reverse)]	[3]
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Proposal 14260 - HD149026 (08) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

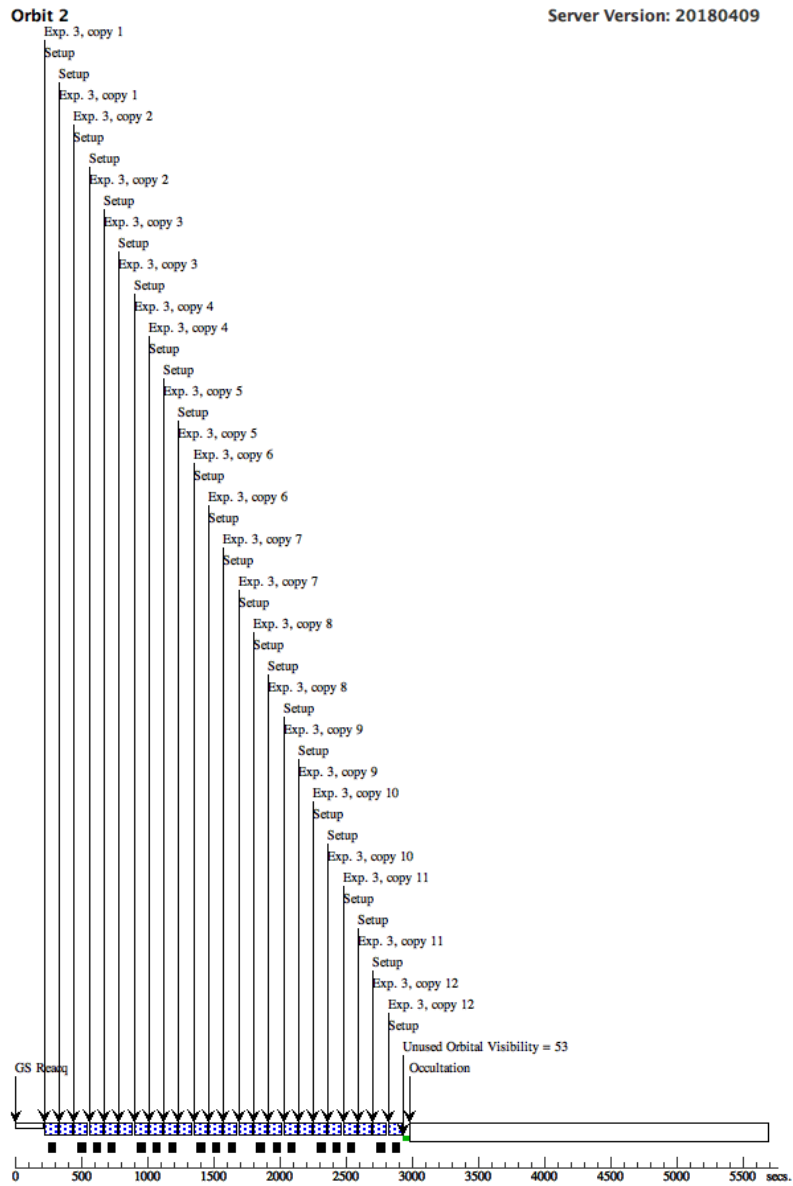
5	(8) HD-149026	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 13.5,-29 ; SPATIAL SCAN 0.7 ,90.0 Degrees,Round trip	Sequence 5-5 Non-Int in HD149026 (08)	69.61678 Secs X 12 (1670.803 Secs) [=>(Copy 1, Forward)] [=>(Copy 1, Reverse)] [=>(Copy 2, Forward)] [=>(Copy 2, Reverse)] [=>(Copy 3, Forward)] [=>(Copy 3, Reverse)] [=>(Copy 4, Forward)] [=>(Copy 4, Reverse)] [=>(Copy 5, Forward)] [=>(Copy 5, Reverse)] [=>(Copy 6, Forward)] [=>(Copy 6, Reverse)] [=>(Copy 7, Forward)] [=>(Copy 7, Reverse)] [=>(Copy 8, Forward)] [=>(Copy 8, Reverse)] [=>(Copy 9, Forward)] [=>(Copy 9, Reverse)] [=>(Copy 10, Forward)] [=>(Copy 10, Reverse)] [=>(Copy 11, Forward)] [=>(Copy 11, Reverse)] [=>(Copy 12, Forward)] [=>(Copy 12, Reverse)]	[4]
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Proposal 14260 - HD149026 (08) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

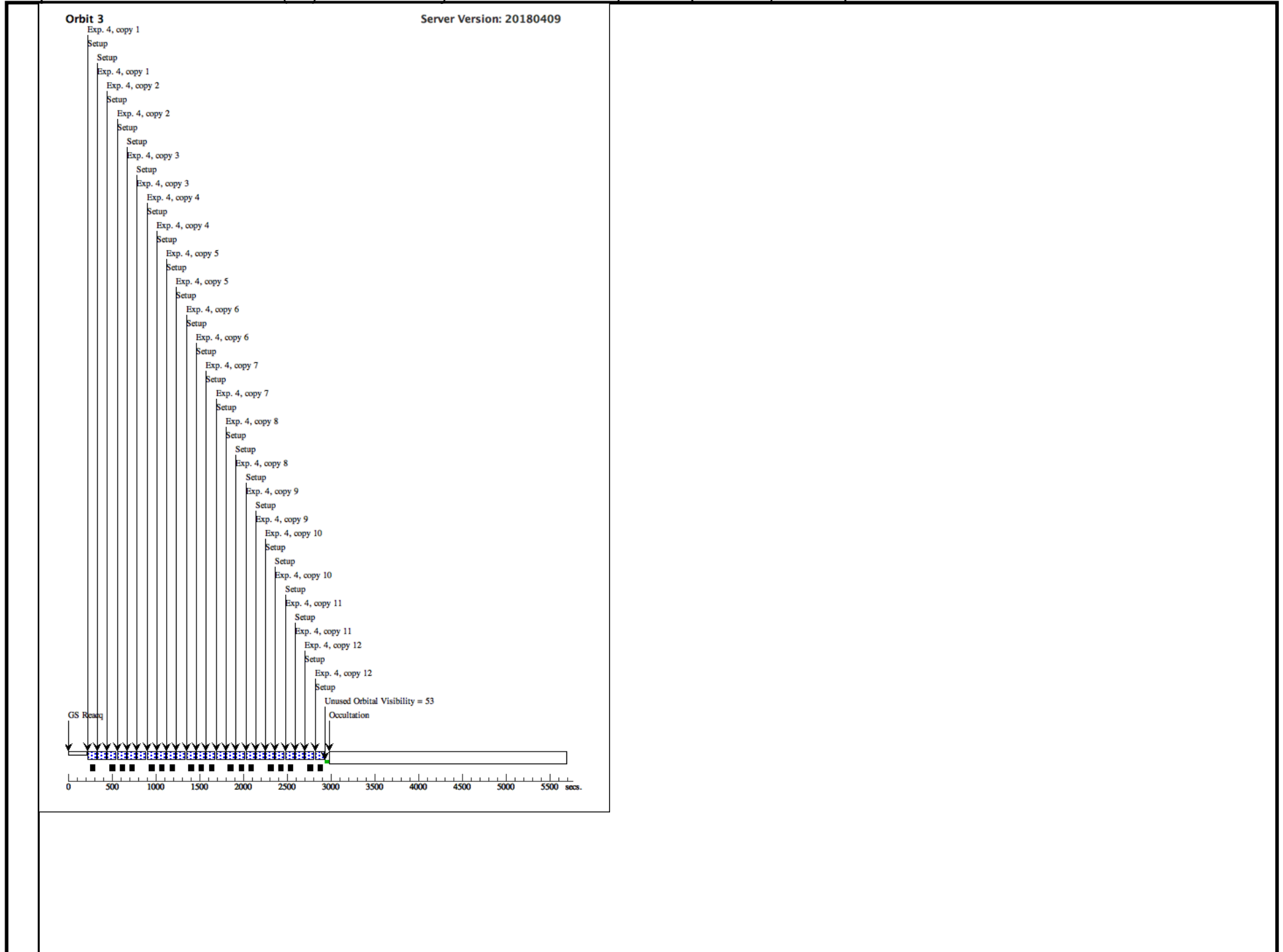
6	(8) HD-149026	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 13.5,-29 ; SPATIAL SCAN 0.7 ,90.0 Degrees,Round trip	Sequence 6-6 Non-Int in HD149026 (08)	69.61678 Secs X 12 (1670.803 Secs) [=>(Copy 1, Forward)] [=>(Copy 1, Reverse)] [=>(Copy 2, Forward)] [=>(Copy 2, Reverse)] [=>(Copy 3, Forward)] [=>(Copy 3, Reverse)] [=>(Copy 4, Forward)] [=>(Copy 4, Reverse)] [=>(Copy 5, Forward)] [=>(Copy 5, Reverse)] [=>(Copy 6, Forward)] [=>(Copy 6, Reverse)] [=>(Copy 7, Forward)] [=>(Copy 7, Reverse)] [=>(Copy 8, Forward)] [=>(Copy 8, Reverse)] [=>(Copy 9, Forward)] [=>(Copy 9, Reverse)] [=>(Copy 10, Forward)] [=>(Copy 10, Reverse)] [=>(Copy 11, Forward)] [=>(Copy 11, Reverse)] [=>(Copy 12, Forward)] [=>(Copy 12, Reverse)]	[5]
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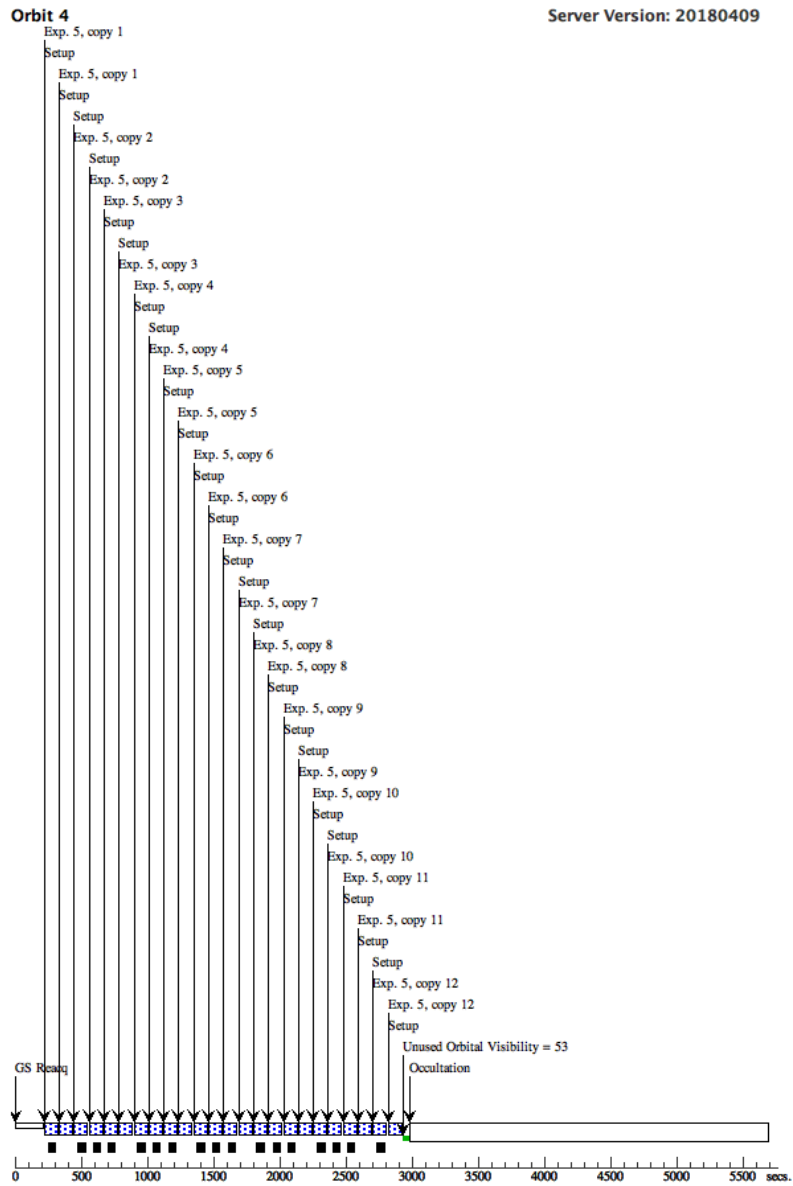


Proposal 14260 - HD149026 (08) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

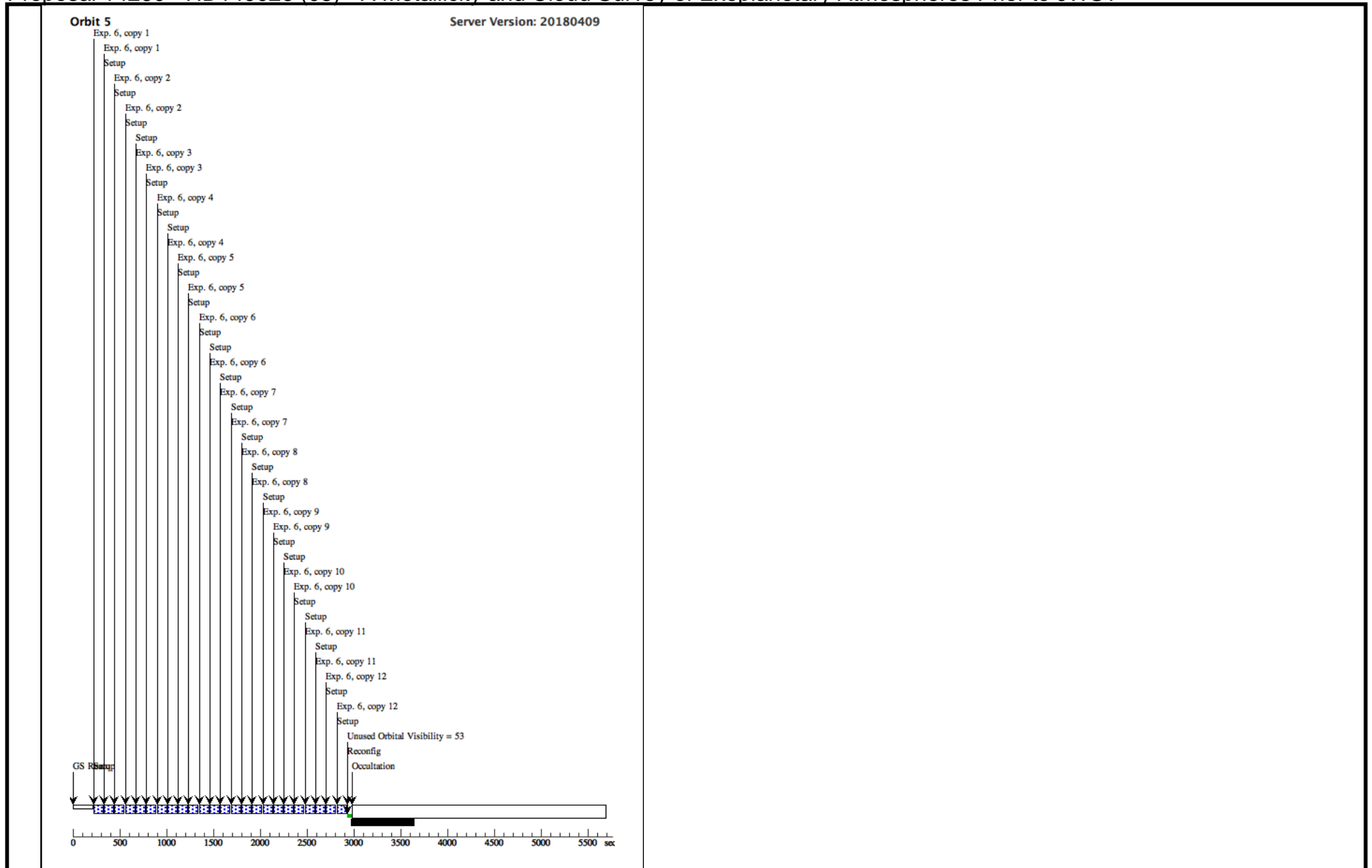


Proposal 14260 - HD149026 (08) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST





Proposal 14260 - HD149026 (08) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HD149026 (09) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, HD149026 (09), completed Mon Jul 09 22:09:28 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 2.8758911 D AND ZERO-PHASE HJD2454456.78761					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(8)		HD-149026	RA: 16 30 29.6200 (247.6234167d) Dec: +38 20 50.30 (38.34731d) Equinox: J2000	Proper Motion RA: -76.27 mas/yr Proper Motion Dec: +53.07 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=8.14	Reference Frame: SIMBAD
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO						

Proposal 14260 - HD149026 (09) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(8) HD-149026	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG -13.5,0.0; PHASE 0.9312 TO 0.9433	Sequence 1-2 Non-Int in HD149026 (09)	4.265135 Secs (4.265 Secs)	
								[==>]	[1]
2		(8) HD-149026	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -13.5,-2.9; SPATIAL SCAN 0.7,90.0 Degrees, Round trip	Sequence 1-2 Non-Int in HD149026 (09)	69.61678 Secs X 11 (1531.569 Secs)	
								[==>(Copy 1, Forward)]	[1]
								[==>(Copy 1, Reverse)]	
								[==>(Copy 2, Forward)]	
								[==>(Copy 2, Reverse)]	
								[==>(Copy 3, Forward)]	
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Exposures

Proposal 14260 - HD149026 (09) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

3	(8) HD-149026	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -13.5,-2 9; SPATIAL SCAN 0.7 ,90.0 Degrees,Round trip	Sequence 3-3 Non-Int in HD149026 (09)	69.61678 Secs X 12 (1670.803 Secs) [=>(Copy 1, Forward)] [=>(Copy 1, Reverse)] [=>(Copy 2, Forward)] [=>(Copy 2, Reverse)] [=>(Copy 3, Forward)] [=>(Copy 3, Reverse)] [=>(Copy 4, Forward)] [=>(Copy 4, Reverse)] [=>(Copy 5, Forward)] [=>(Copy 5, Reverse)] [=>(Copy 6, Forward)] [=>(Copy 6, Reverse)] [=>(Copy 7, Forward)] [=>(Copy 7, Reverse)] [=>(Copy 8, Forward)] [=>(Copy 8, Reverse)] [=>(Copy 9, Forward)] [=>(Copy 9, Reverse)] [=>(Copy 10, Forward)] [=>(Copy 10, Reverse)] [=>(Copy 11, Forward)] [=>(Copy 11, Reverse)] [=>(Copy 12, Forward)] [=>(Copy 12, Reverse)]	[2]
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Proposal 14260 - HD149026 (09) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

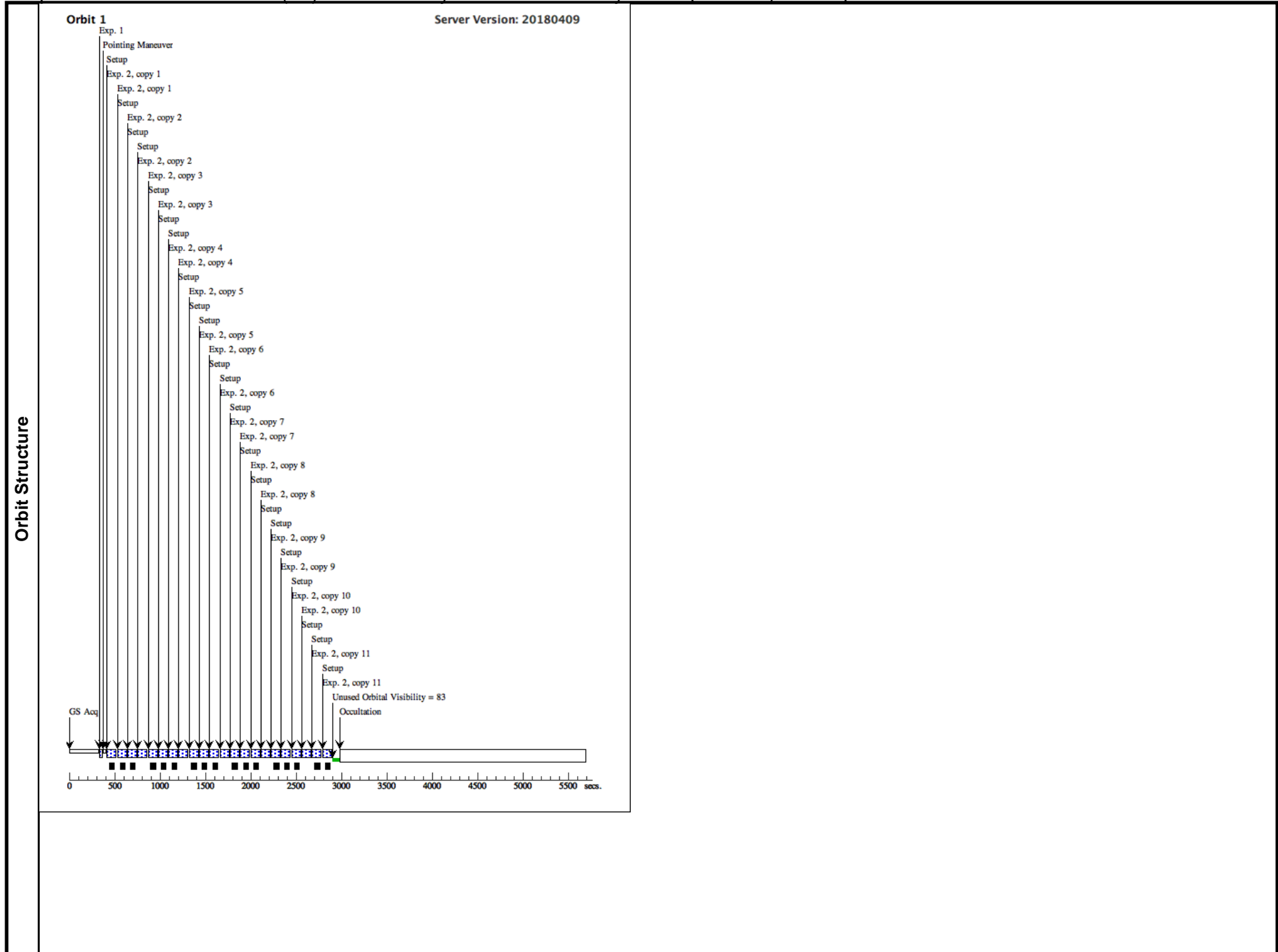
4	(8) HD-149026	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -13.5,-2 9; SPATIAL SCAN 0.7 ,90.0 Degrees,Round trip	Sequence 4-4 Non-Int in HD149026 (09)	69.61678 Secs X 12 (1670.803 Secs) [=>(Copy 1, Forward)] [=>(Copy 1, Reverse)] [=>(Copy 2, Forward)] [=>(Copy 2, Reverse)] [=>(Copy 3, Forward)] [=>(Copy 3, Reverse)] [=>(Copy 4, Forward)] [=>(Copy 4, Reverse)] [=>(Copy 5, Forward)] [=>(Copy 5, Reverse)] [=>(Copy 6, Forward)] [=>(Copy 6, Reverse)] [=>(Copy 7, Forward)] [=>(Copy 7, Reverse)] [=>(Copy 8, Forward)] [=>(Copy 8, Reverse)] [=>(Copy 9, Forward)] [=>(Copy 9, Reverse)] [=>(Copy 10, Forward)] [=>(Copy 10, Reverse)] [=>(Copy 11, Forward)] [=>(Copy 11, Reverse)] [=>(Copy 12, Forward)] [=>(Copy 12, Reverse)]	[3]
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Proposal 14260 - HD149026 (09) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

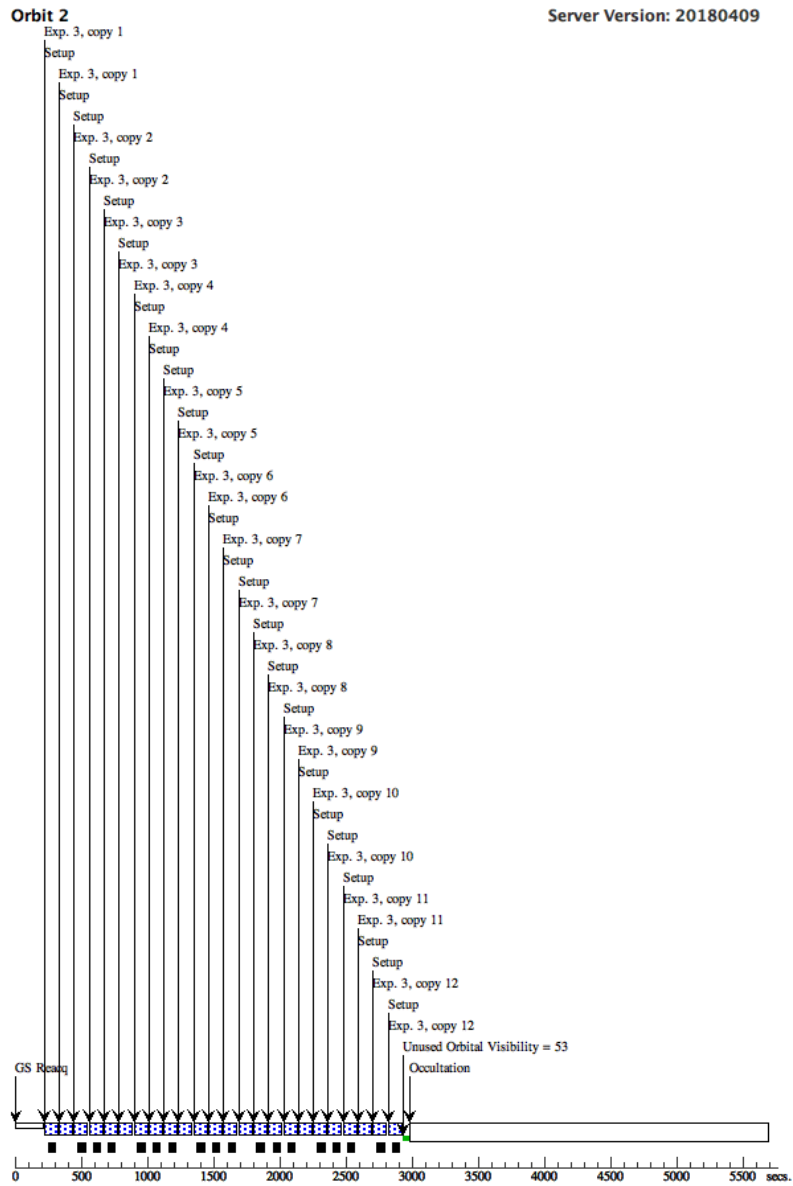
5	(8) HD-149026	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -13.5,-2 9; SPATIAL SCAN 0.7 ,90.0 Degrees,Round trip	Sequence 5-5 Non-Int in HD149026 (09)	69.61678 Secs X 12 (1670.803 Secs) [=>(Copy 1, Forward)] [=>(Copy 1, Reverse)] [=>(Copy 2, Forward)] [=>(Copy 2, Reverse)] [=>(Copy 3, Forward)] [=>(Copy 3, Reverse)] [=>(Copy 4, Forward)] [=>(Copy 4, Reverse)] [=>(Copy 5, Forward)] [=>(Copy 5, Reverse)] [=>(Copy 6, Forward)] [=>(Copy 6, Reverse)] [=>(Copy 7, Forward)] [=>(Copy 7, Reverse)] [=>(Copy 8, Forward)] [=>(Copy 8, Reverse)] [=>(Copy 9, Forward)] [=>(Copy 9, Reverse)] [=>(Copy 10, Forward)] [=>(Copy 10, Reverse)] [=>(Copy 11, Forward)] [=>(Copy 11, Reverse)] [=>(Copy 12, Forward)] [=>(Copy 12, Reverse)]	[4]
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Proposal 14260 - HD149026 (09) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

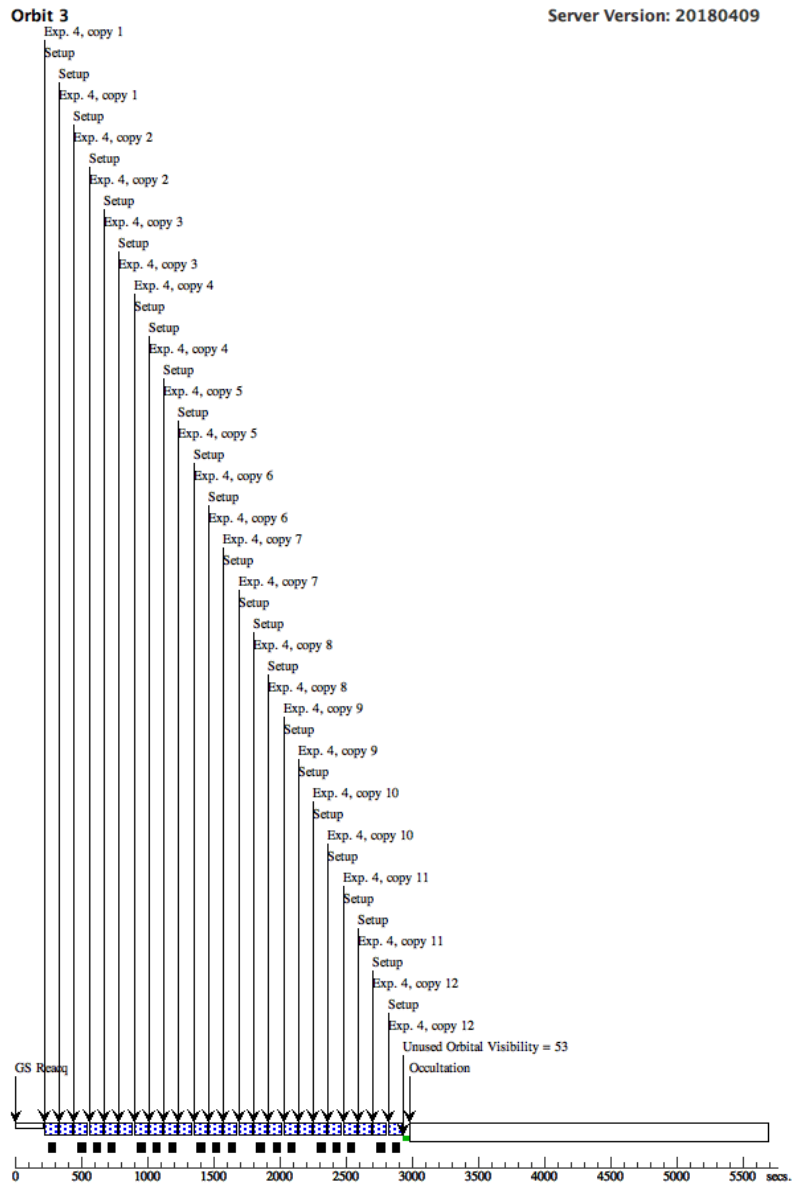
6	(8) HD-149026	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -13.5,-2 9; SPATIAL SCAN 0.7 ,90.0 Degrees,Round trip	Sequence 6-6 Non-Int in HD149026 (09)	69.61678 Secs X 12 (1670.803 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)]	[5]
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Proposal 14260 - HD149026 (09) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



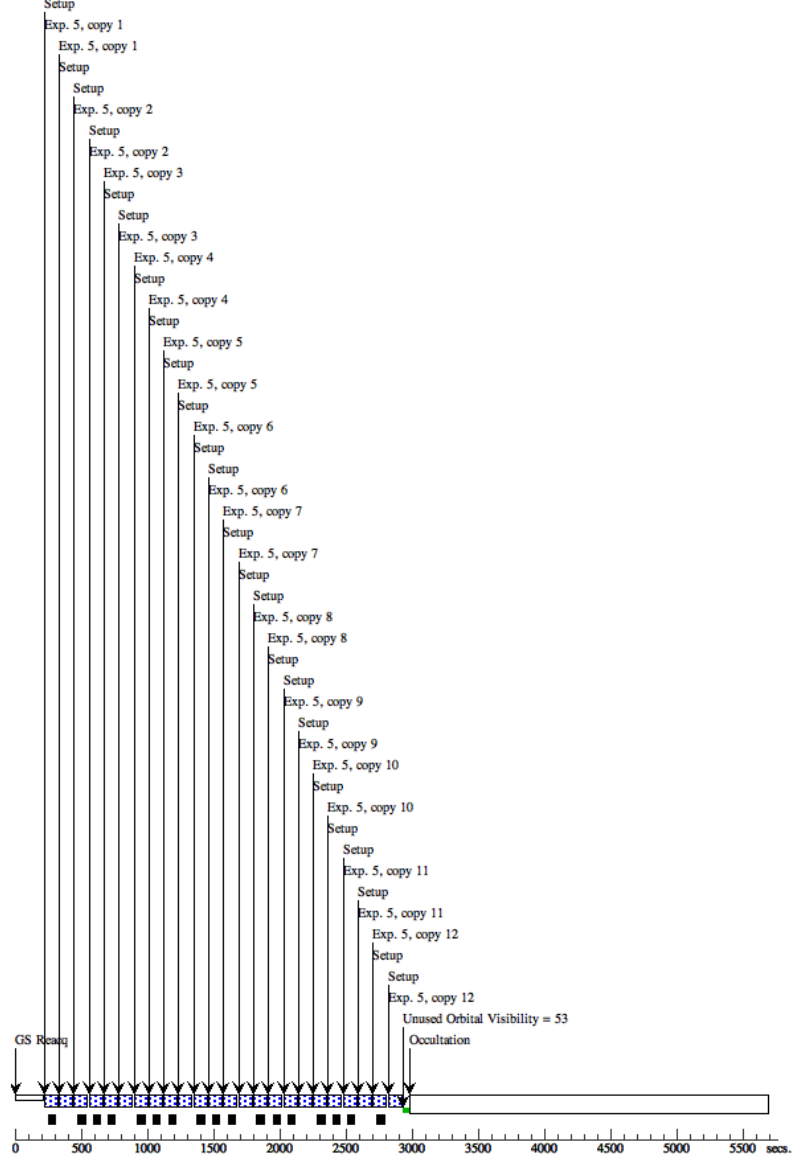
Proposal 14260 - HD149026 (09) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



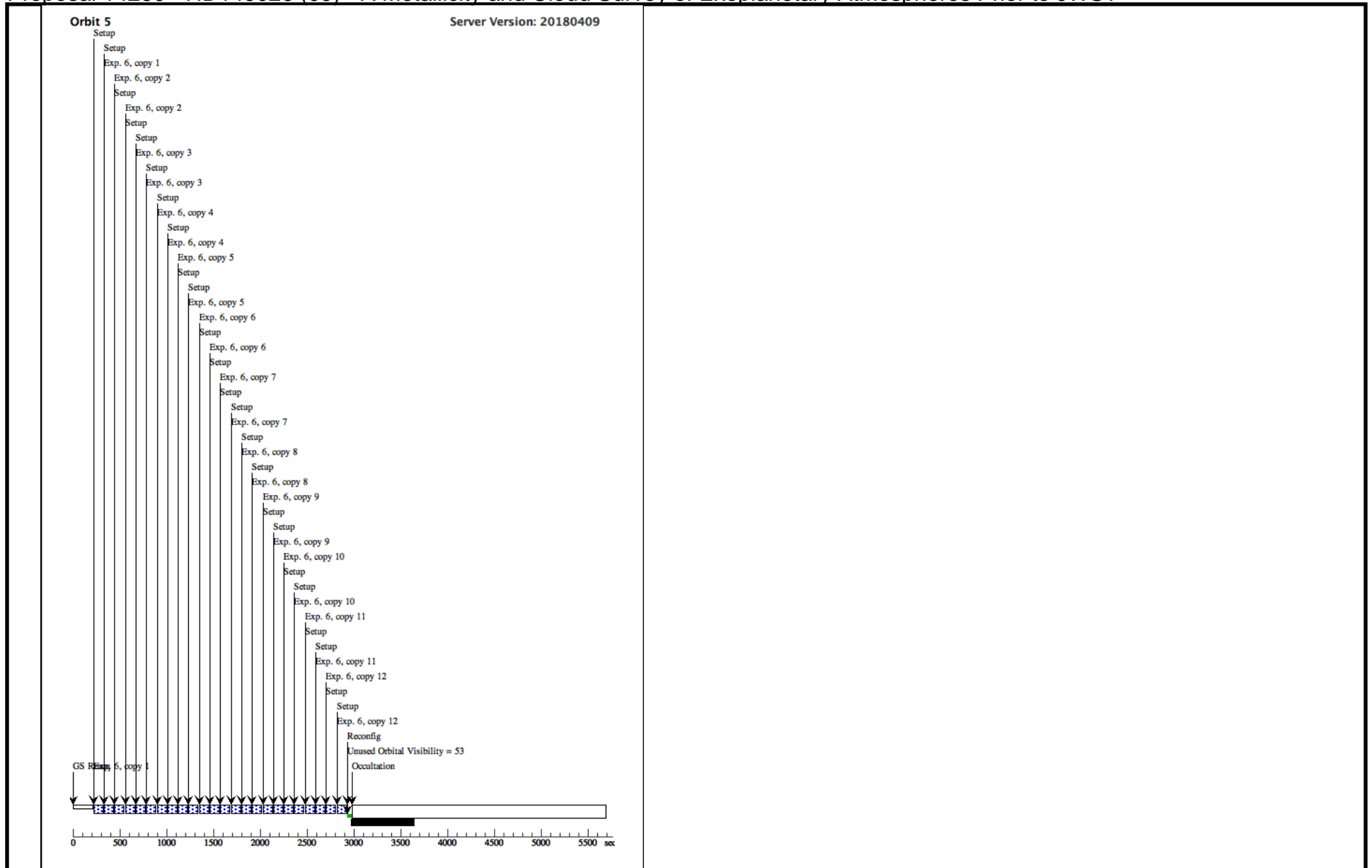
Proposal 14260 - HD149026 (09) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 4

Server Version: 20180409



Proposal 14260 - HD149026 (09) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-39 (10) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, WASP-39 (10), completed Mon Jul 09 22:09:29 GMT 2018 Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 4.0552947 D AND ZERO-PHASE HJD2455342.96879																	
	Diagnostics	(WASP-39 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN																
(WASP-39 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN																		
(WASP-39 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN																		
(WASP-39 (10)) Warning (Orbit Planner): ORBITAL 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>(9)</td> <td>WASP-39</td> <td>RA: 14 29 18.4000 (217.3266667d) Dec: -03 26 40.20 (-3.44450d) Equinox: J2000</td> <td>Proper Motion RA: -12.3 mas/yr Proper Motion Dec: +2.8 mas/yr Parallax: 0.0" Epoch of Position: 2000.0</td> <td>V=12.09</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(9)	WASP-39	RA: 14 29 18.4000 (217.3266667d) Dec: -03 26 40.20 (-3.44450d) Equinox: J2000	Proper Motion RA: -12.3 mas/yr Proper Motion Dec: +2.8 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.09	Reference Frame: SIMBAD	Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(9)	WASP-39	RA: 14 29 18.4000 (217.3266667d) Dec: -03 26 40.20 (-3.44450d) Equinox: J2000	Proper Motion RA: -12.3 mas/yr Proper Motion Dec: +2.8 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.09	Reference Frame: SIMBAD													

Proposal 14260 - WASP-39 (10) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

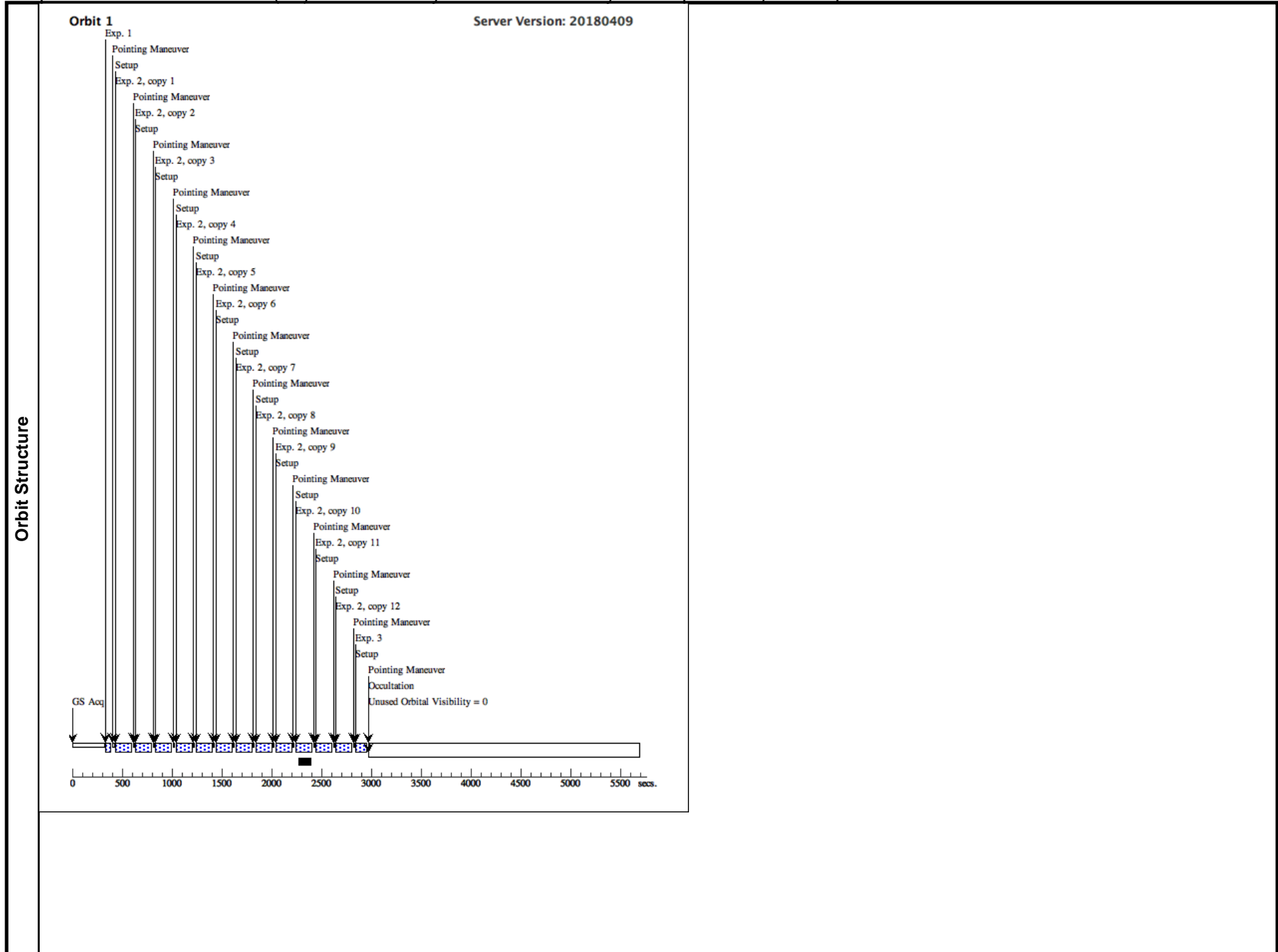
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(9) WASP-39	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9524 TO 0.9581	Sequence 1-3 Non-Int in WASP-39 (10)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-39 (10)	134.354049 Secs X 12 (1612.249 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	3	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-39 (10)	89.661971 Secs (89.662 Secs) [==>]	[1]
	4	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 4-5 Non-Int in WASP-39 (10)	134.354049 Secs X 13 (1746.603 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[2]
	5	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 4-5 Non-Int in WASP-39 (10)	112.00801 Secs (112.008 Secs) [==>]	[2]

Proposal 14260 - WASP-39 (10) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

6	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 6-7 Non-Int in WASP-39 (10)	134.354049 Secs X 13 (1746.603 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
7	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 6-7 Non-Int in WASP-39 (10)	112.00801 Secs (112.008 Secs)	[3]
							[==>]	
8	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 8-9 Non-Int in WASP-39 (10)	134.354049 Secs X 13 (1746.603 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
9	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 8-9 Non-Int in WASP-39 (10)	112.00801 Secs (112.008 Secs)	[4]
							[==>]	

Proposal 14260 - WASP-39 (10) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

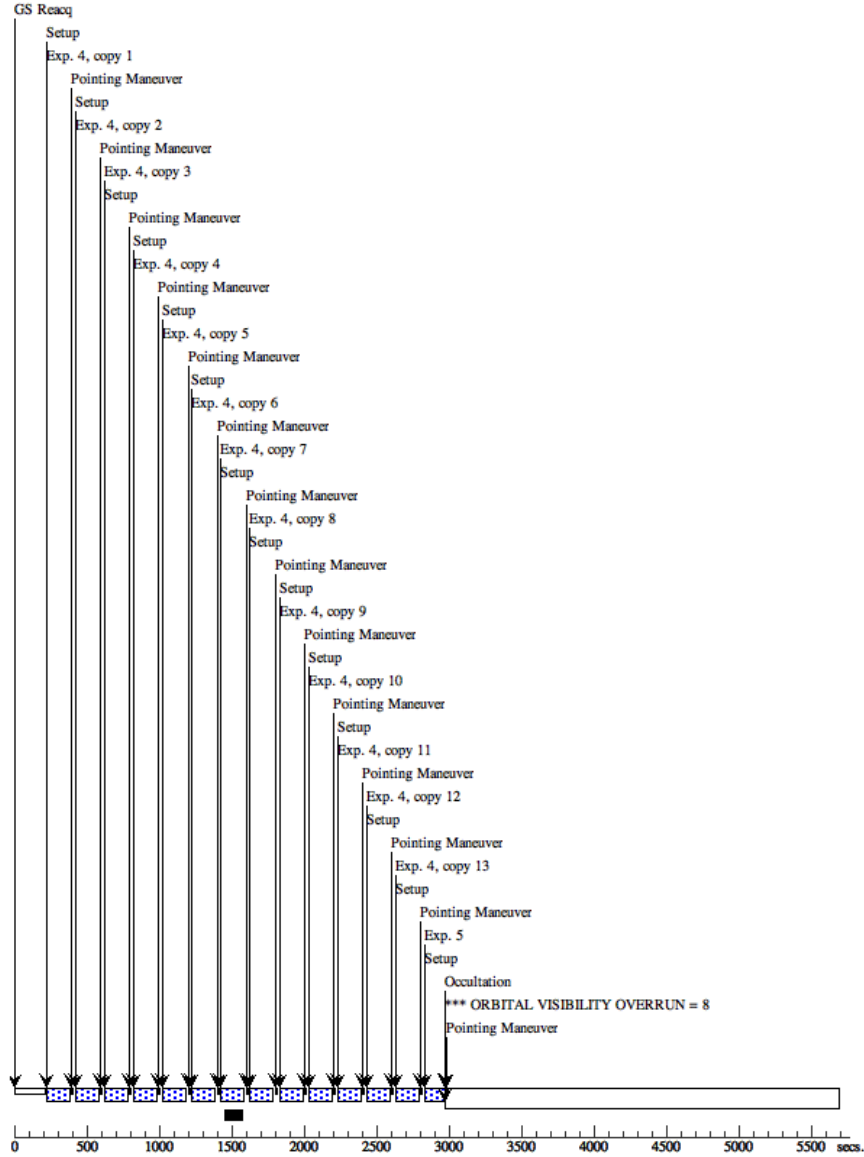
10	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,For ward	Sequence 10-11 Non -Int in WASP-39 (10)	134.354049 Secs X 13 (1746.603 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[5]
11	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,For ward	Sequence 10-11 Non -Int in WASP-39 (10)	112.00801 Secs (112.008 Secs) [==>]	[5]



Proposal 14260 - WASP-39 (10) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 2

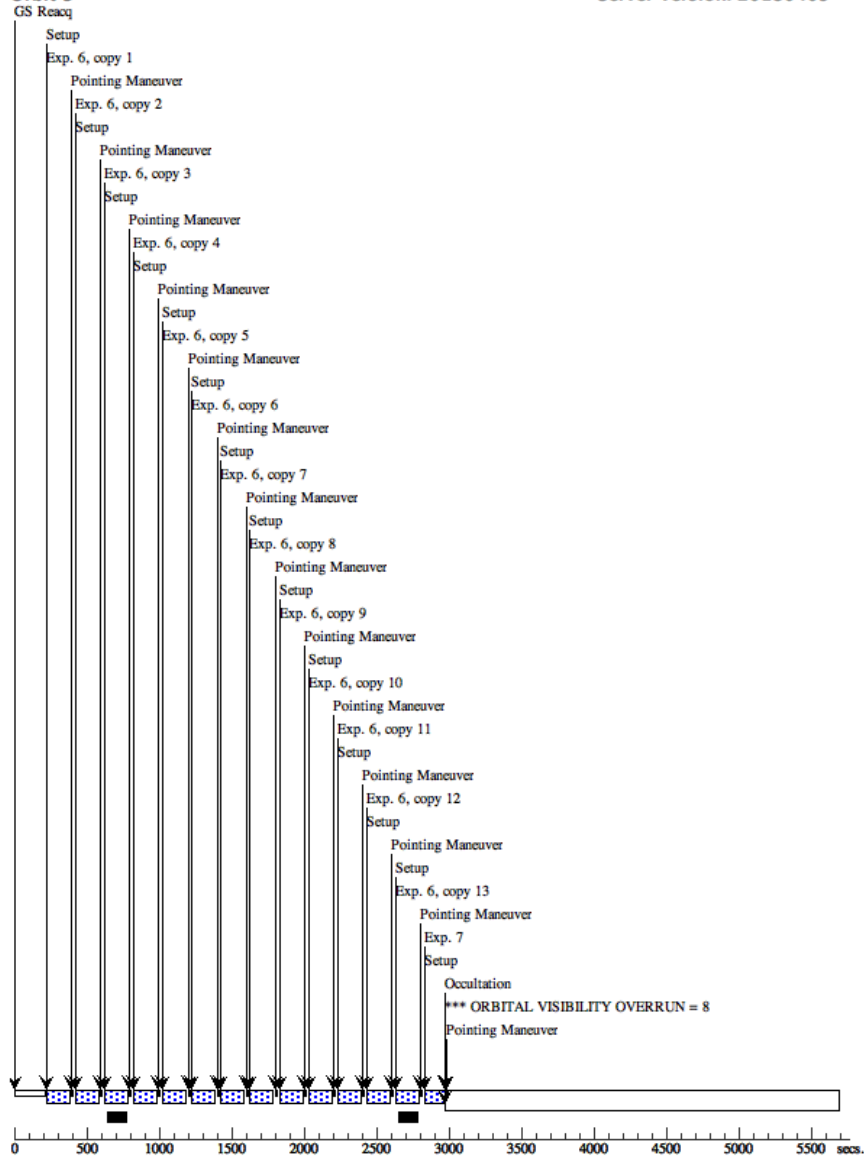
Server Version: 20180409



Proposal 14260 - WASP-39 (10) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 3

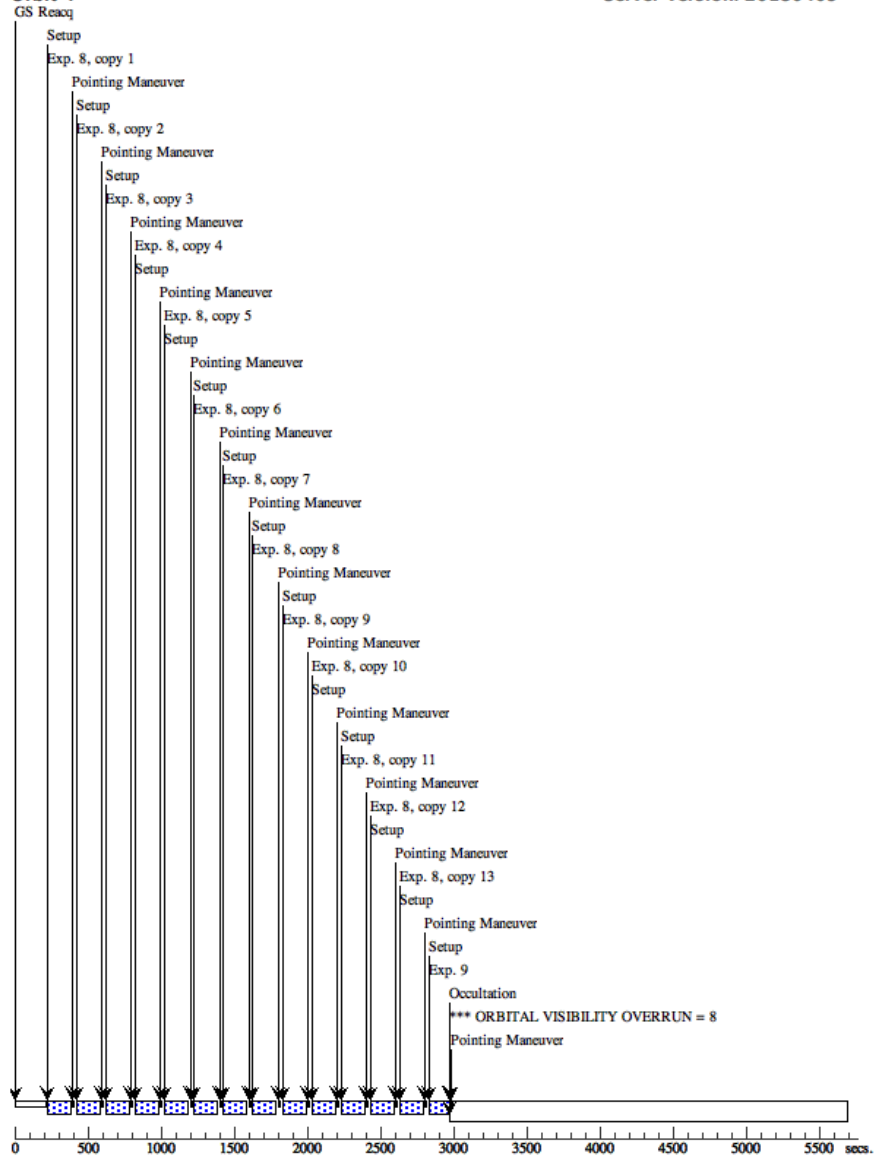
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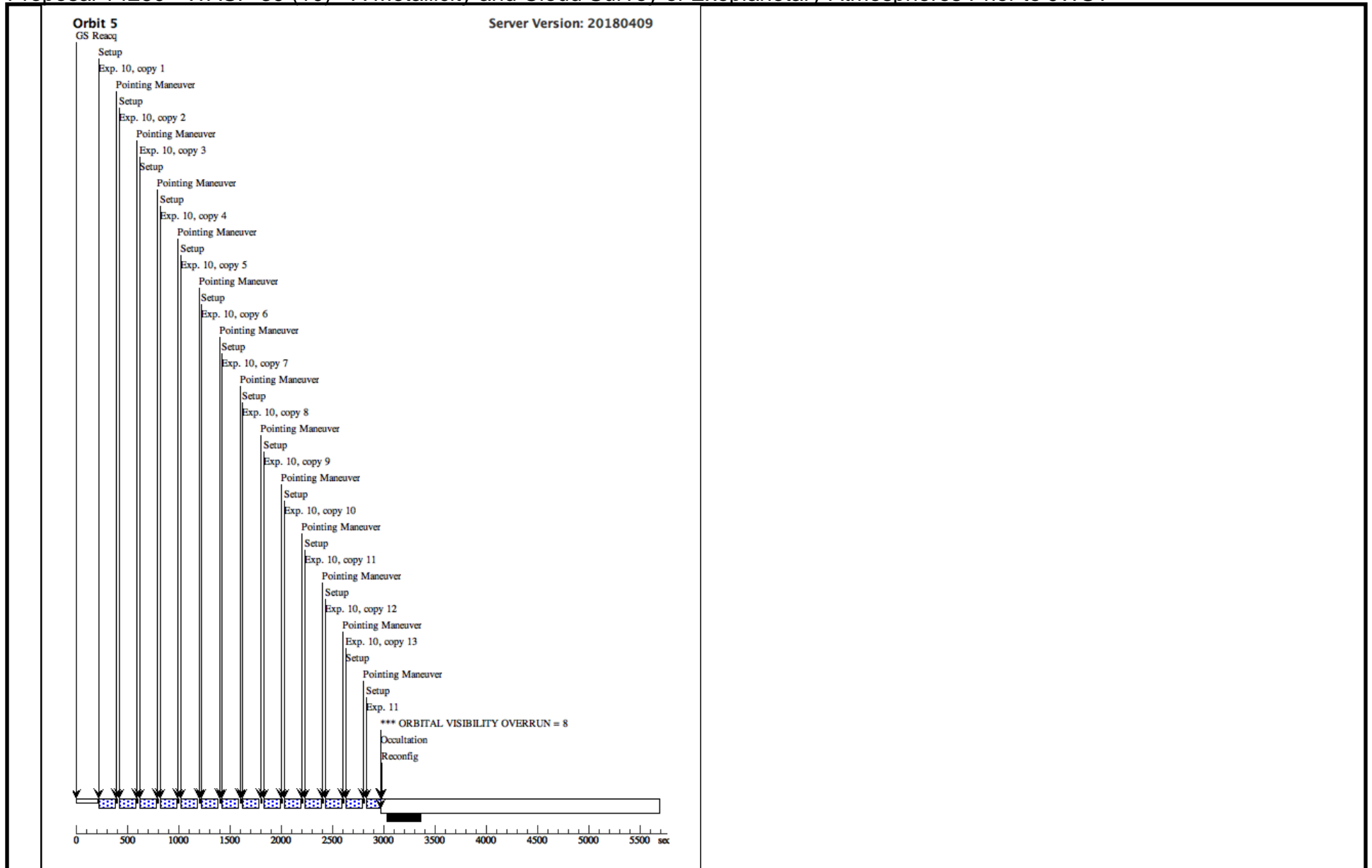
Proposal 14260 - WASP-39 (10) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 4

Server Version: 20180409



Proposal 14260 - WASP-39 (10) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-39 (11) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Mon Jul 09 22:09:29 GMT 2018

Visit	Proposal 14260, WASP-39 (11), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 4.0552947 D AND ZERO-PHASE HJD2455342.96879																	
	Diagnosics (WASP-39 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-39 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-39 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-39 (11)) Warning (Orbit Planner): ORBITAL 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>(9)</td> <td>WASP-39</td> <td>RA: 14 29 18.4000 (217.3266667d) Dec: -03 26 40.20 (-3.44450d) Equinox: J2000</td> <td>Proper Motion RA: -12.3 mas/yr Proper Motion Dec: +2.8 mas/yr Parallax: 0.0" Epoch of Position: 2000.0</td> <td>V=12.09</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(9)	WASP-39	RA: 14 29 18.4000 (217.3266667d) Dec: -03 26 40.20 (-3.44450d) Equinox: J2000	Proper Motion RA: -12.3 mas/yr Proper Motion Dec: +2.8 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.09	Reference Frame: SIMBAD
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(9)	WASP-39	RA: 14 29 18.4000 (217.3266667d) Dec: -03 26 40.20 (-3.44450d) Equinox: J2000	Proper Motion RA: -12.3 mas/yr Proper Motion Dec: +2.8 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.09	Reference Frame: SIMBAD													
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO																		

Proposal 14260 - WASP-39 (11) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

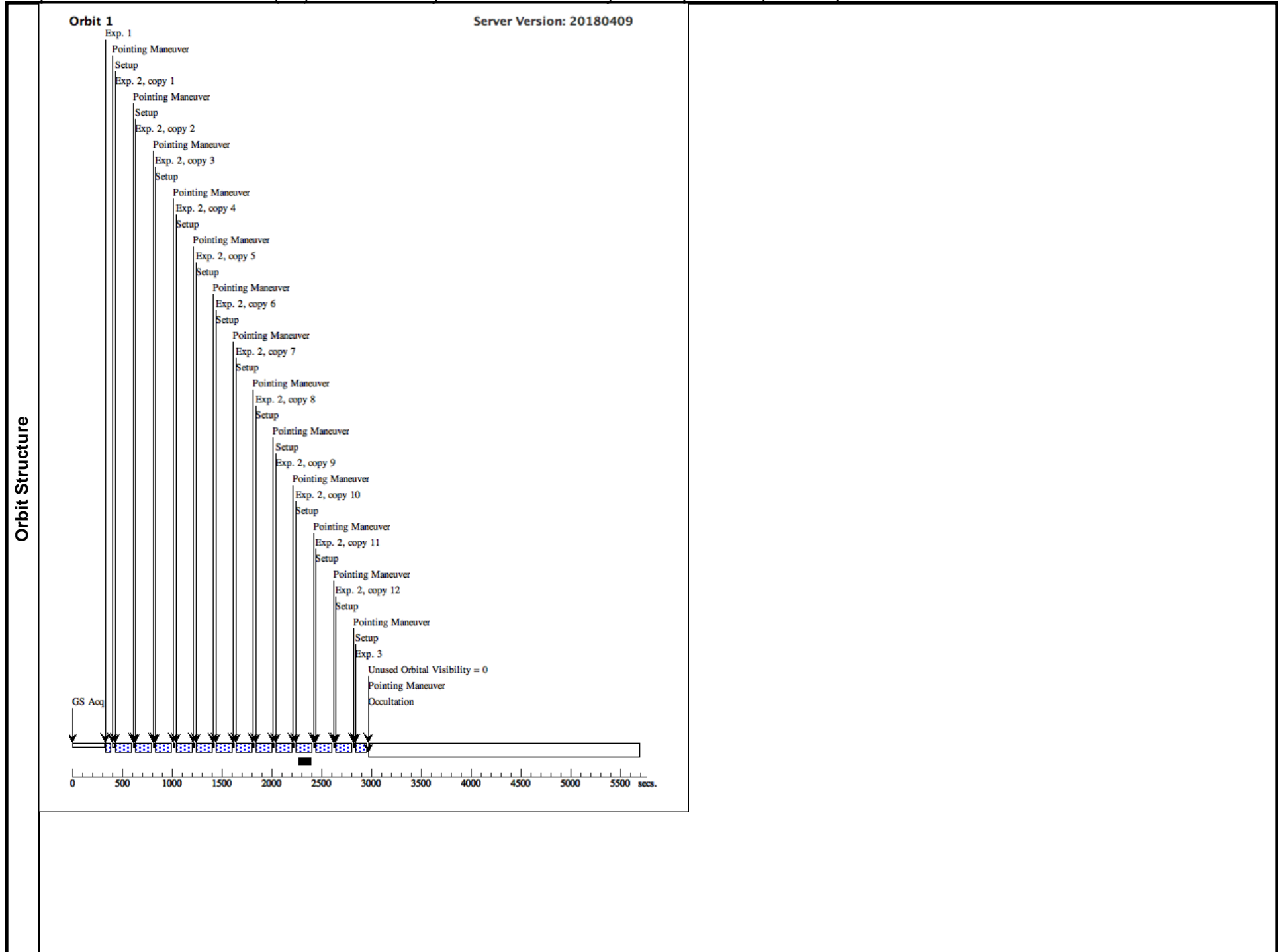
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(9) WASP-39	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9524 TO 0.9581	Sequence 1-3 Non-Int in WASP-39 (11)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-39 (11)	134.354049 Secs X 12 (1612.249 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	3	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-39 (11)	89.661971 Secs (89.662 Secs) [==>]	[1]
	4	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 4-5 Non-Int in WASP-39 (11)	134.354049 Secs X 13 (1746.603 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[2]
	5	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 4-5 Non-Int in WASP-39 (11)	112.00801 Secs (112.008 Secs) [==>]	[2]

Proposal 14260 - WASP-39 (11) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

6	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 6-7 Non-Int in WASP-39 (11)	134.354049 Secs X 13 (1746.603 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
7	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 6-7 Non-Int in WASP-39 (11)	112.00801 Secs (112.008 Secs)	[3]
							[==>]	
8	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 8-9 Non-Int in WASP-39 (11)	134.354049 Secs X 13 (1746.603 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
9	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,Forward	Sequence 8-9 Non-Int in WASP-39 (11)	112.00801 Secs (112.008 Secs)	[4]
							[==>]	

Proposal 14260 - WASP-39 (11) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

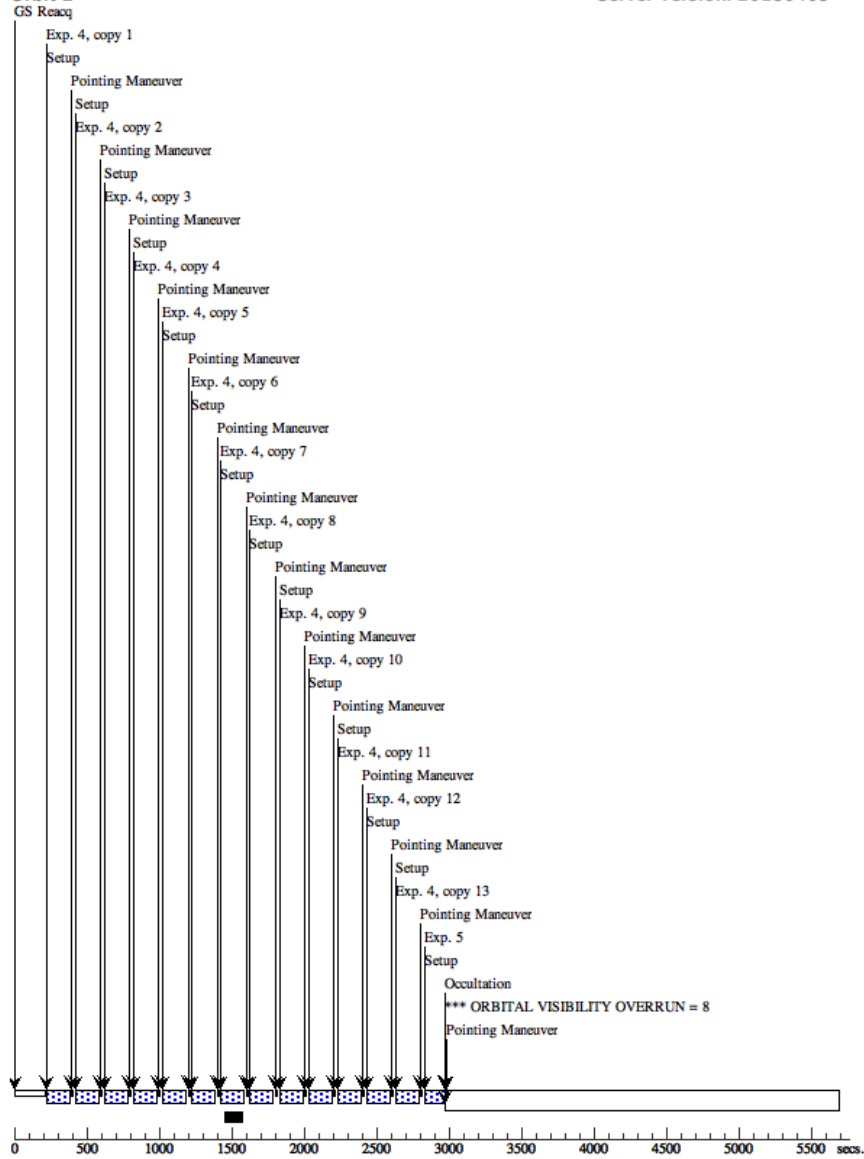
10	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,For ward	Sequence 10-11 Non -Int in WASP-39 (11)	134.354049 Secs X 13 (1746.603 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	[5]
11	(9) WASP-39	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 35,90.0 Degrees,For ward	Sequence 10-11 Non -Int in WASP-39 (11)	112.00801 Secs (112.008 Secs) [==>]	[5]



Proposal 14260 - WASP-39 (11) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 2

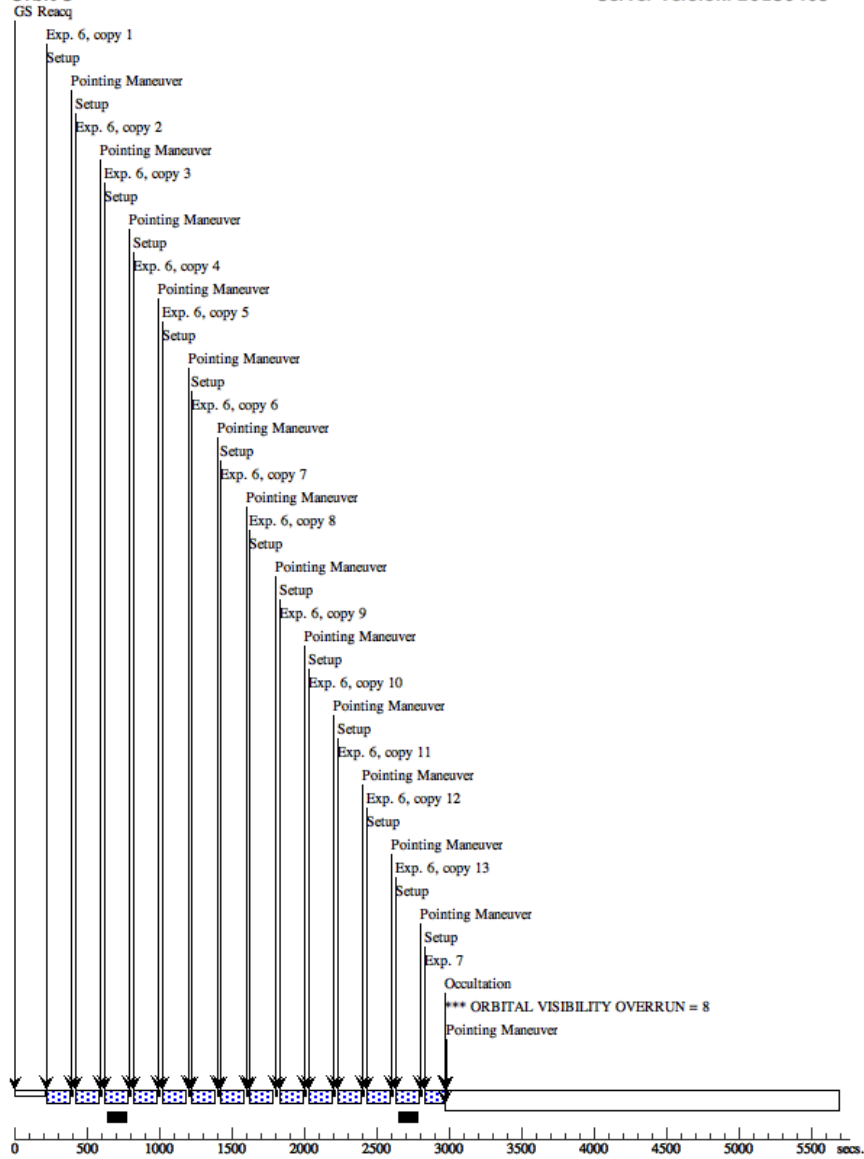
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Proposal 14260 - WASP-39 (11) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 3

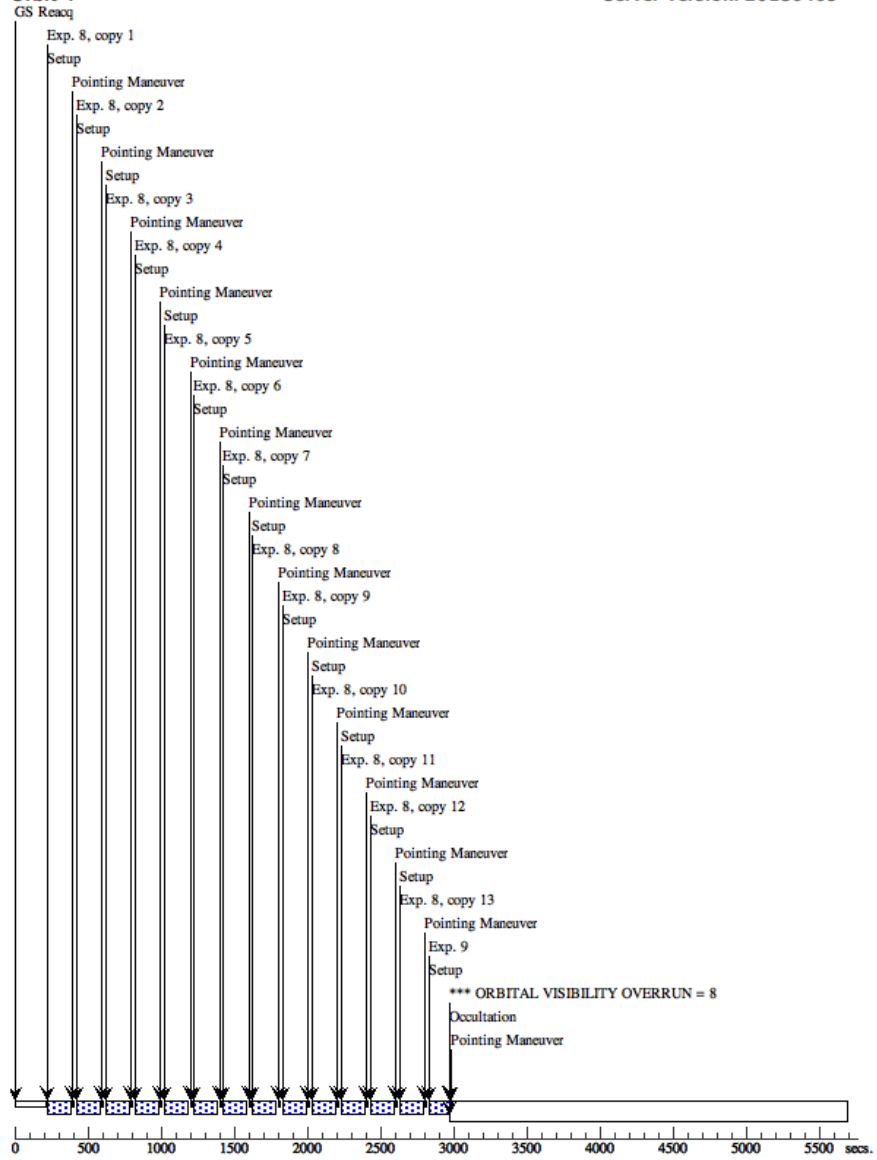
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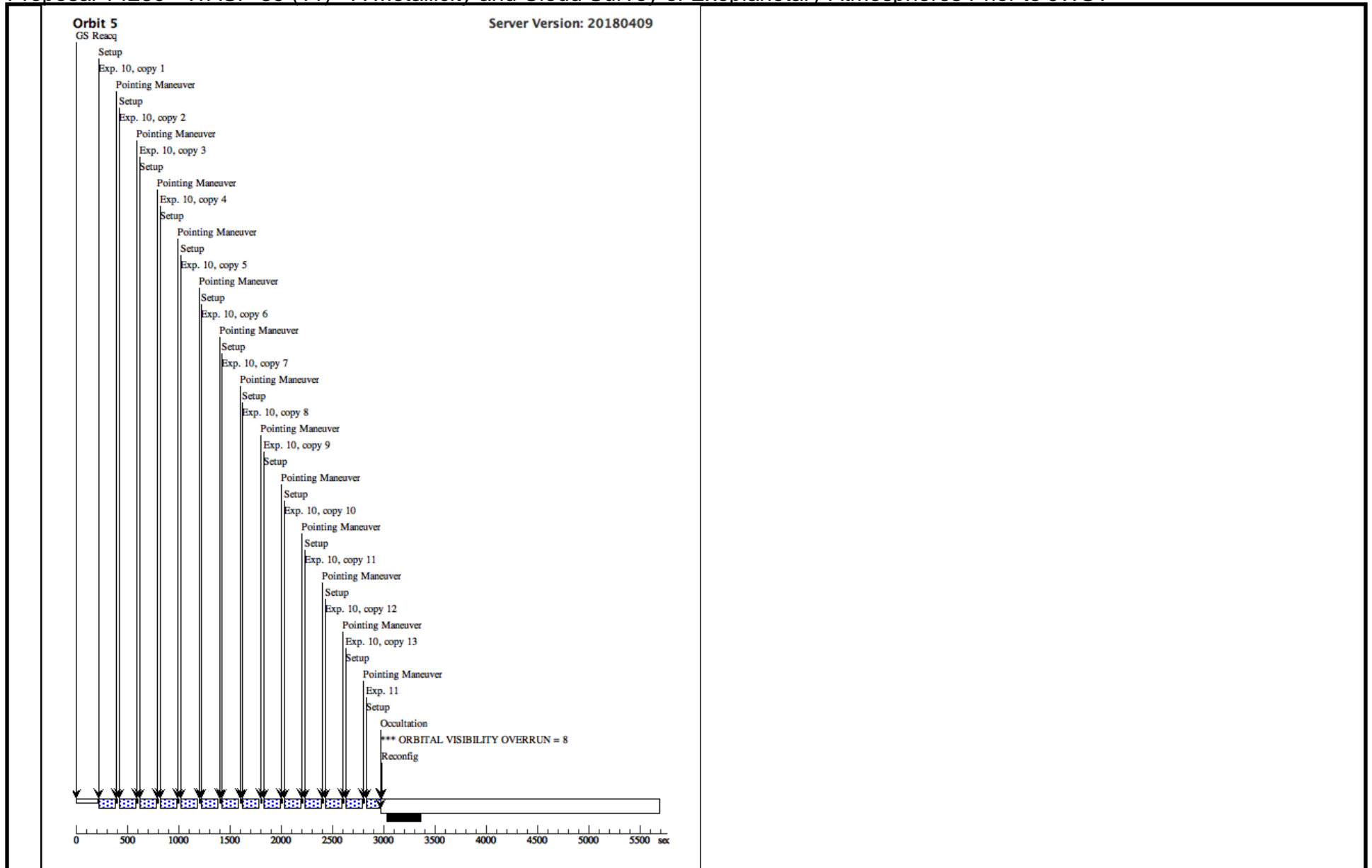
Proposal 14260 - WASP-39 (11) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 4

Server Version: 20180409



Proposal 14260 - WASP-39 (11) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-38 (12) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, HAT-38 (12), completed Mon Jul 09 22:09:29 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 4.640382 D AND ZERO-PHASE HJD2455863.11957					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(10)		HAT-P-38	RA: 02 21 31.9000 (35.3829167d) Dec: +32 14 46.80 (32.24633d) Equinox: J2000	Proper Motion RA: +144.2 mas/yr Proper Motion Dec: -26.9 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.557	Reference Frame: SIMBAD
<i>Comments:</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO						

Proposal 14260 - HAT-38 (12) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

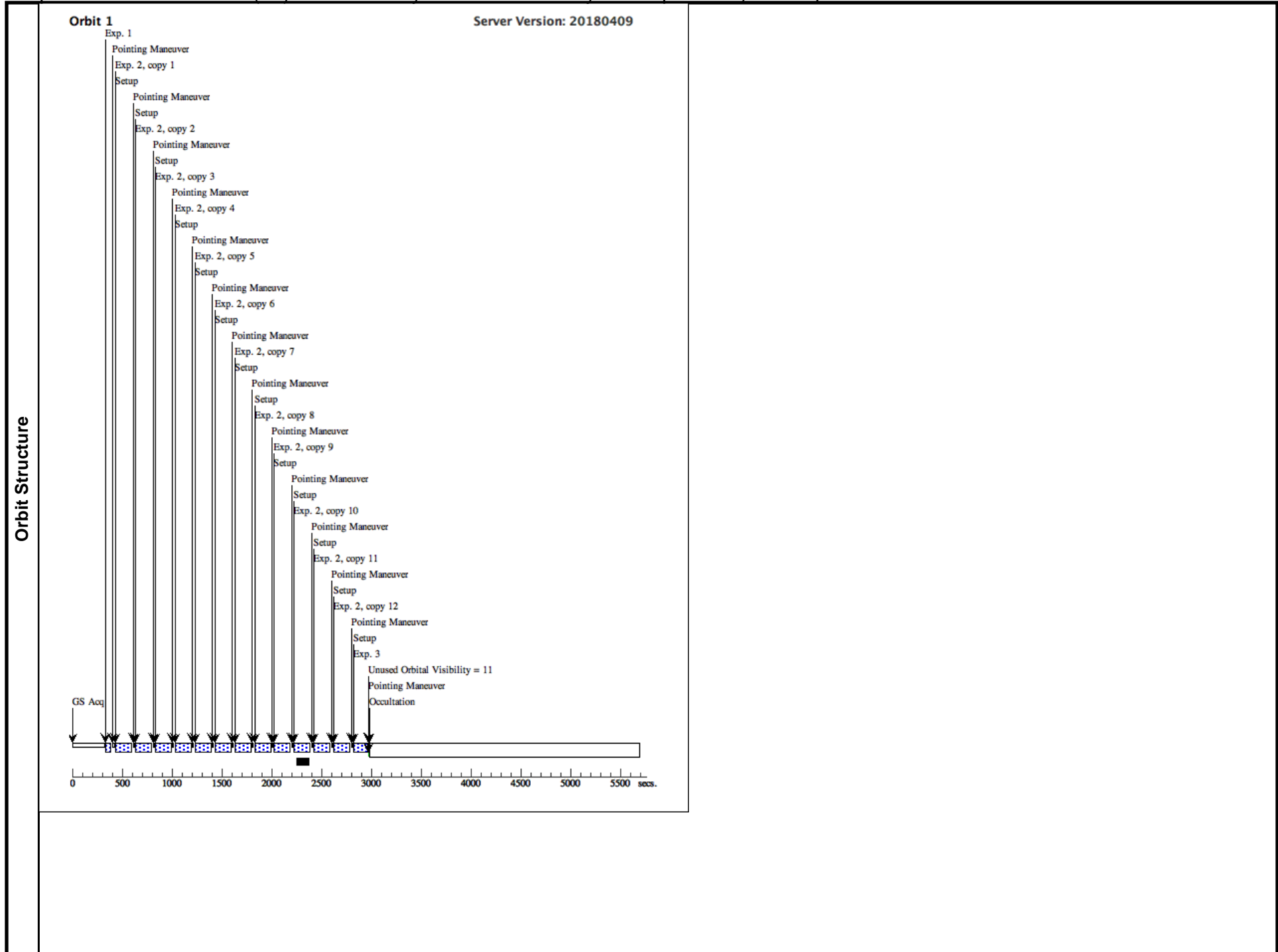
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(10) HAT-P-38	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9579 TO 0.9639	Sequence 1-3 Non-Int in HAT-38 (12)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-38 (12)	134.354049 Secs X 12 (1612.249 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	3	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-38 (12)	112.00801 Secs (112.008 Secs) [==>]	[1]
	4	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,Forward	Sequence 4-4 Non-Int in HAT-38 (12)	134.354049 Secs X 14 (1880.957 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[2]

Proposal 14260 - HAT-38 (12) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

5	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,For ward	Sequence 5-5 Non-Int in HAT-38 (12)	134.354049 Secs X 14 (1880.957 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[3]
6	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,For ward	Sequence 6-6 Non-Int in HAT-38 (12)	134.354049 Secs X 14 (1880.957 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[4]

Proposal 14260 - HAT-38 (12) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

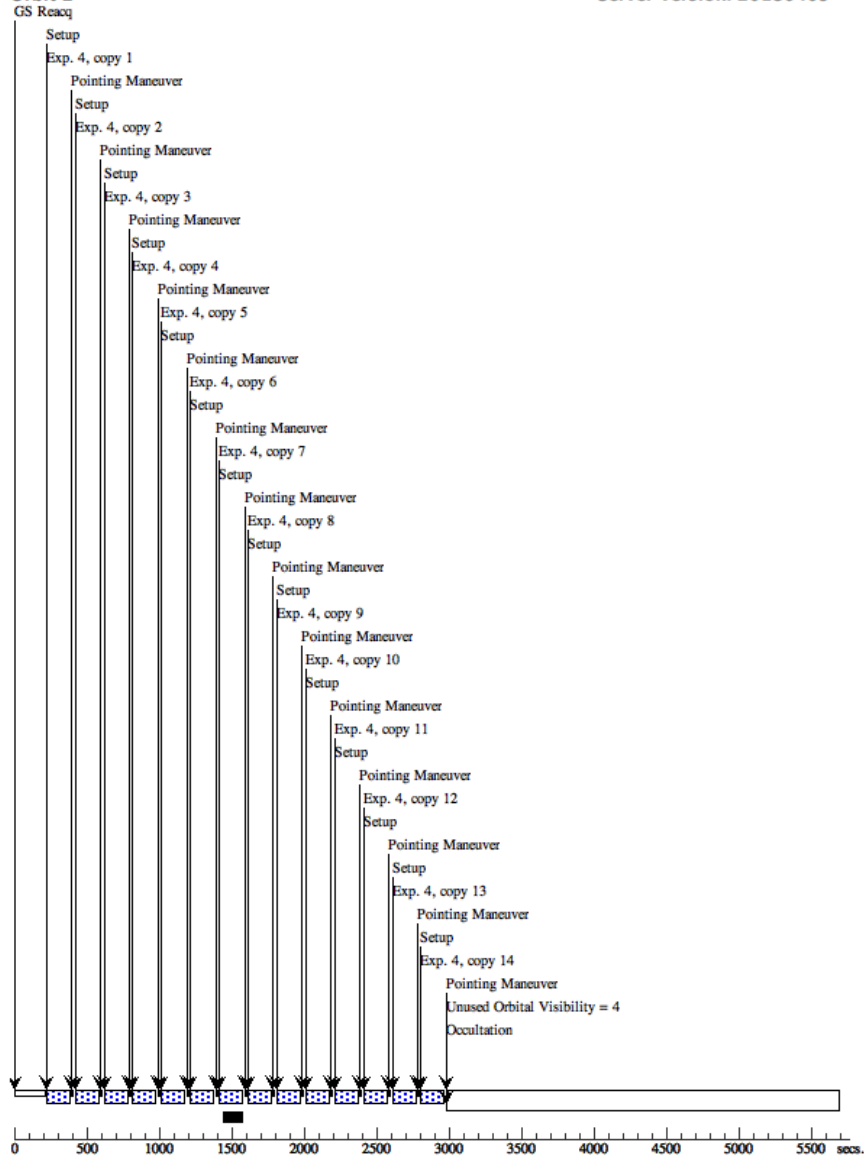
7	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,For ward	Sequence 7-7 Non-In t in HAT-38 (12)	134.354049 Secs X 14 (1880.957 Se cs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[5]
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Proposal 14260 - HAT-38 (12) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

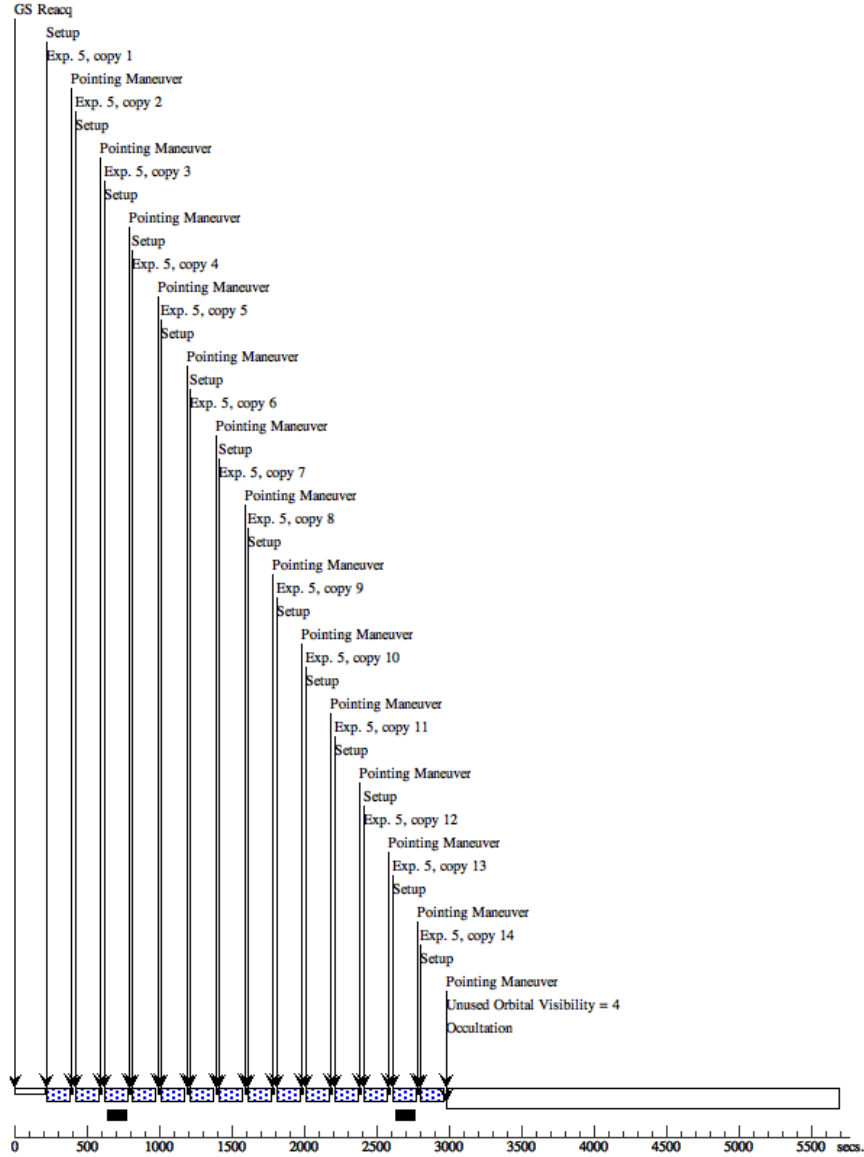
Orbit 2

Server Version: 20180409



Orbit 3

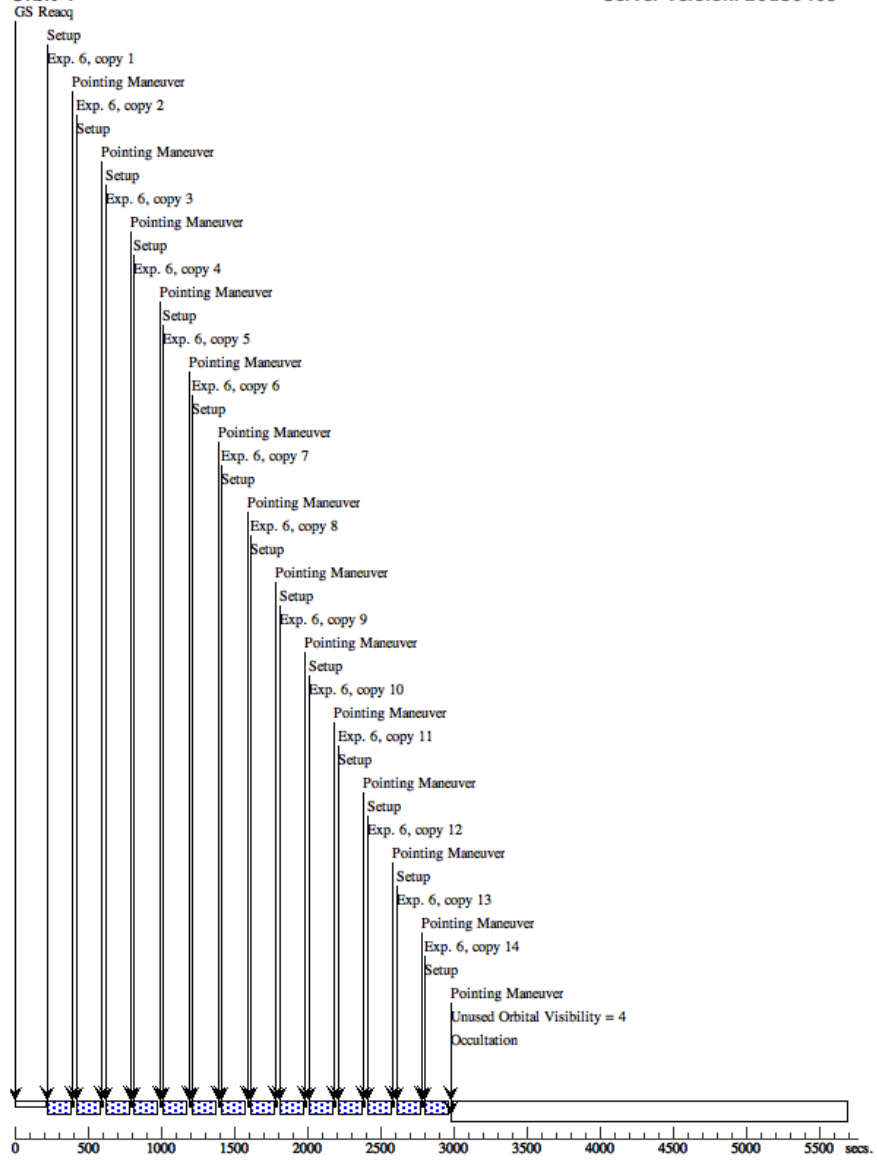
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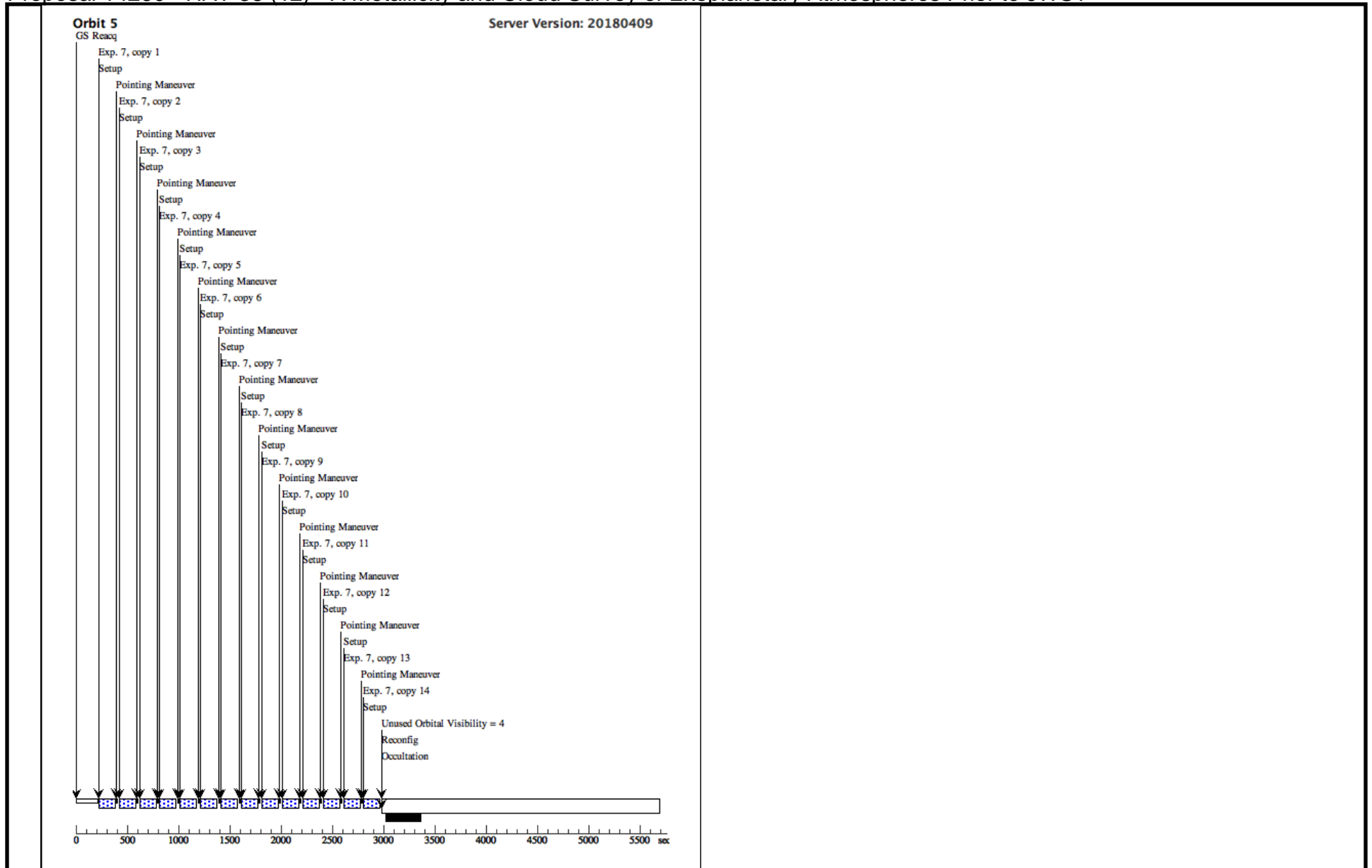
Proposal 14260 - HAT-38 (12) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 4

Server Version: 20180409



Proposal 14260 - HAT-38 (12) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-38 (13) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, HAT-38 (13), completed Mon Jul 09 22:09:29 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 4.640382 D AND ZERO-PHASE HJD2455863.11957					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(10)		HAT-P-38	RA: 02 21 31.9000 (35.3829167d) Dec: +32 14 46.80 (32.24633d) Equinox: J2000	Proper Motion RA: +144.2 mas/yr Proper Motion Dec: -26.9 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.557	Reference Frame: SIMBAD
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO						

Proposal 14260 - HAT-38 (13) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

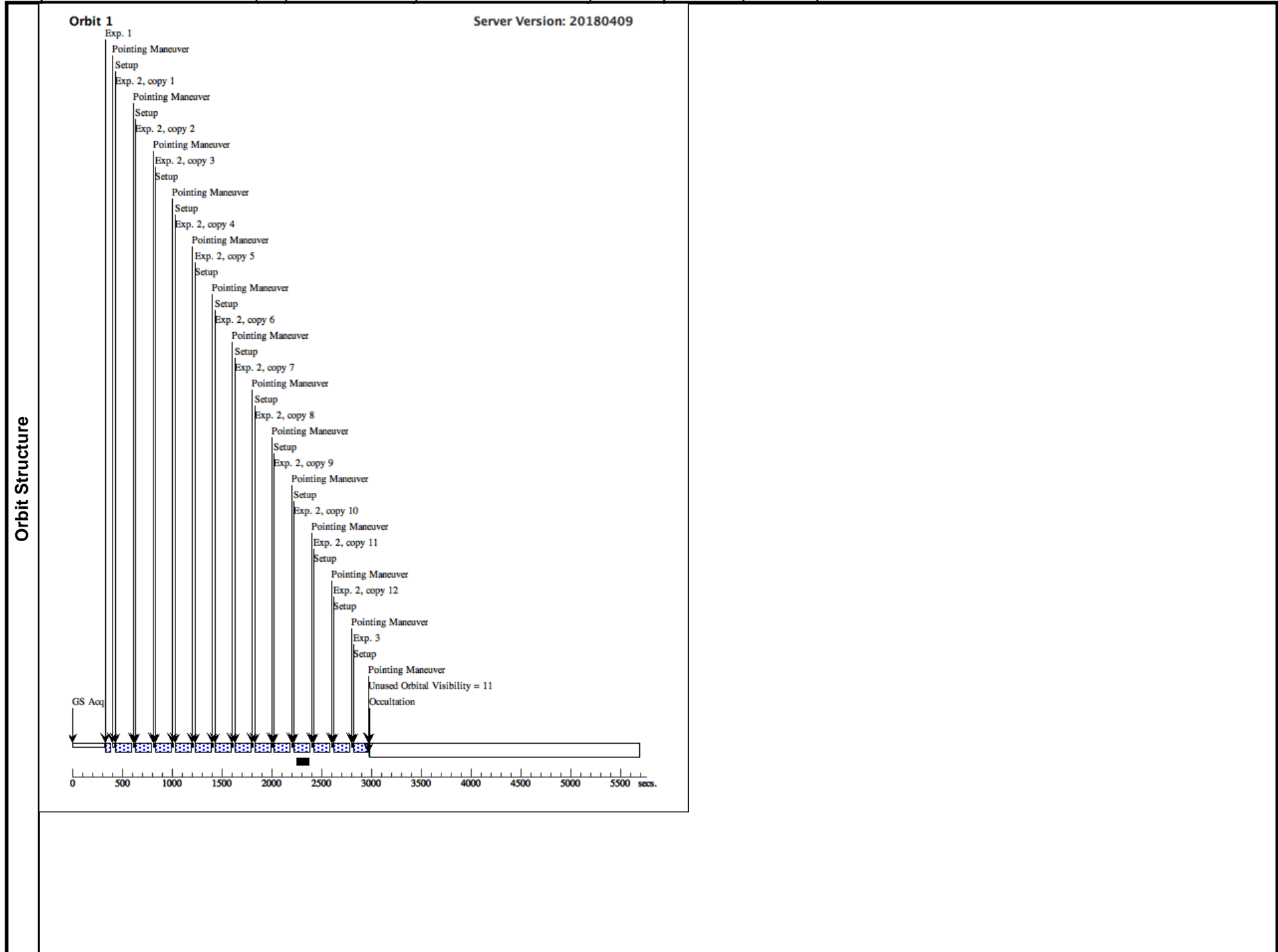
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(10) HAT-P-38	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9579 TO 0.9639	Sequence 1-3 Non-Int in HAT-38 (13)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-38 (13)	134.354049 Secs X 12 (1612.249 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	3	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-38 (13)	112.00801 Secs (112.008 Secs) [==>]	[1]
	4	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,Forward	Sequence 4-4 Non-Int in HAT-38 (13)	134.354049 Secs X 14 (1880.957 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[2]

Proposal 14260 - HAT-38 (13) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

5	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,For ward	Sequence 5-5 Non-Int in HAT-38 (13)	134.354049 Secs X 14 (1880.957 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[3]
6	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,For ward	Sequence 6-6 Non-Int in HAT-38 (13)	134.354049 Secs X 14 (1880.957 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[4]

Proposal 14260 - HAT-38 (13) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

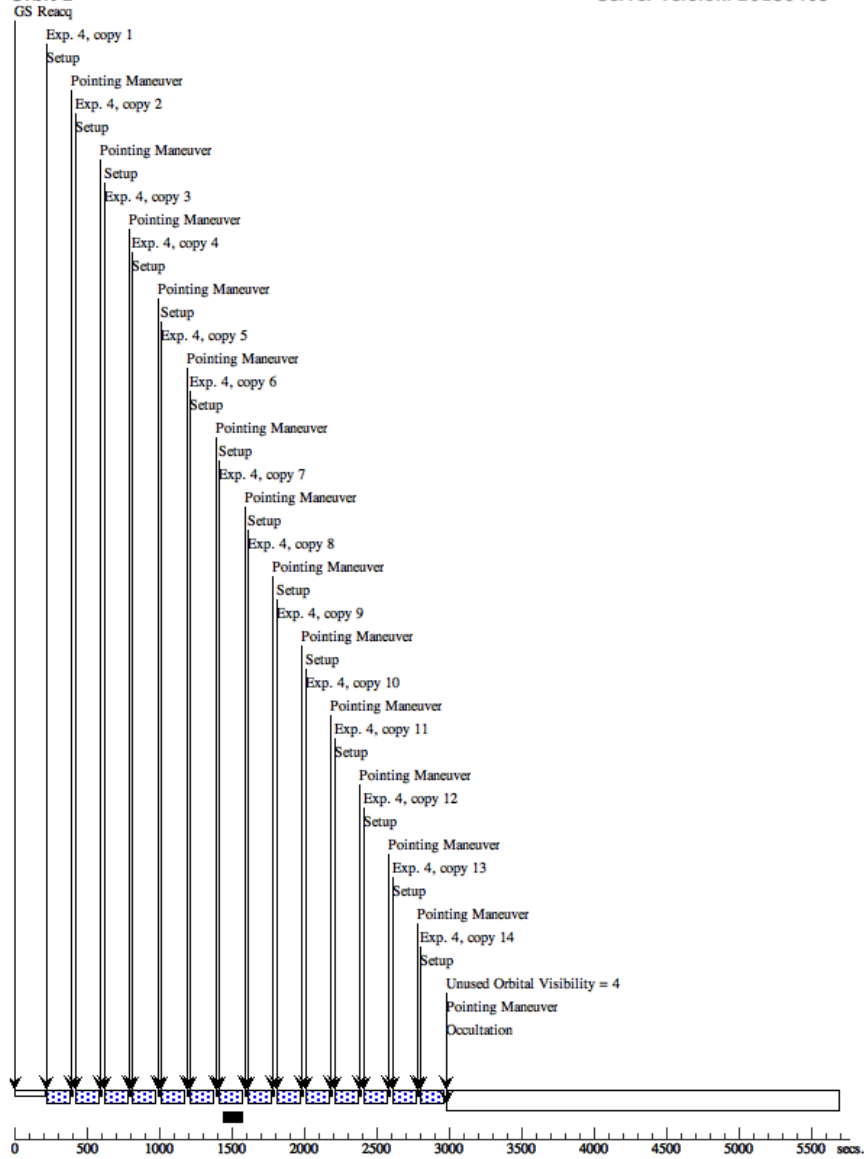
7	(10) HAT-P-38	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG 0.0,-12; SPATIAL SCAN 0.0 26,90.0 Degrees,For ward	Sequence 7-7 Non-In t in HAT-38 (13)	134.354049 Secs X 14 (1880.957 Se cs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[5]
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Proposal 14260 - HAT-38 (13) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 2

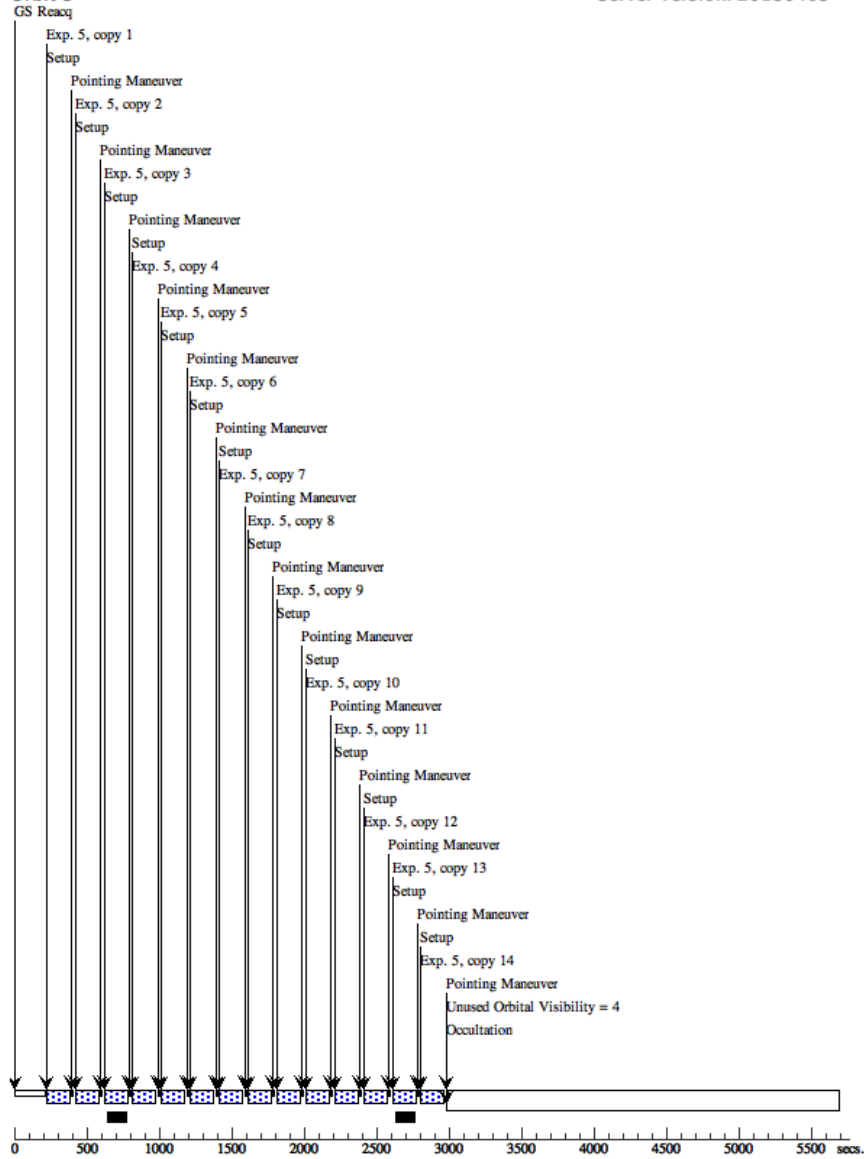
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Proposal 14260 - HAT-38 (13) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 3

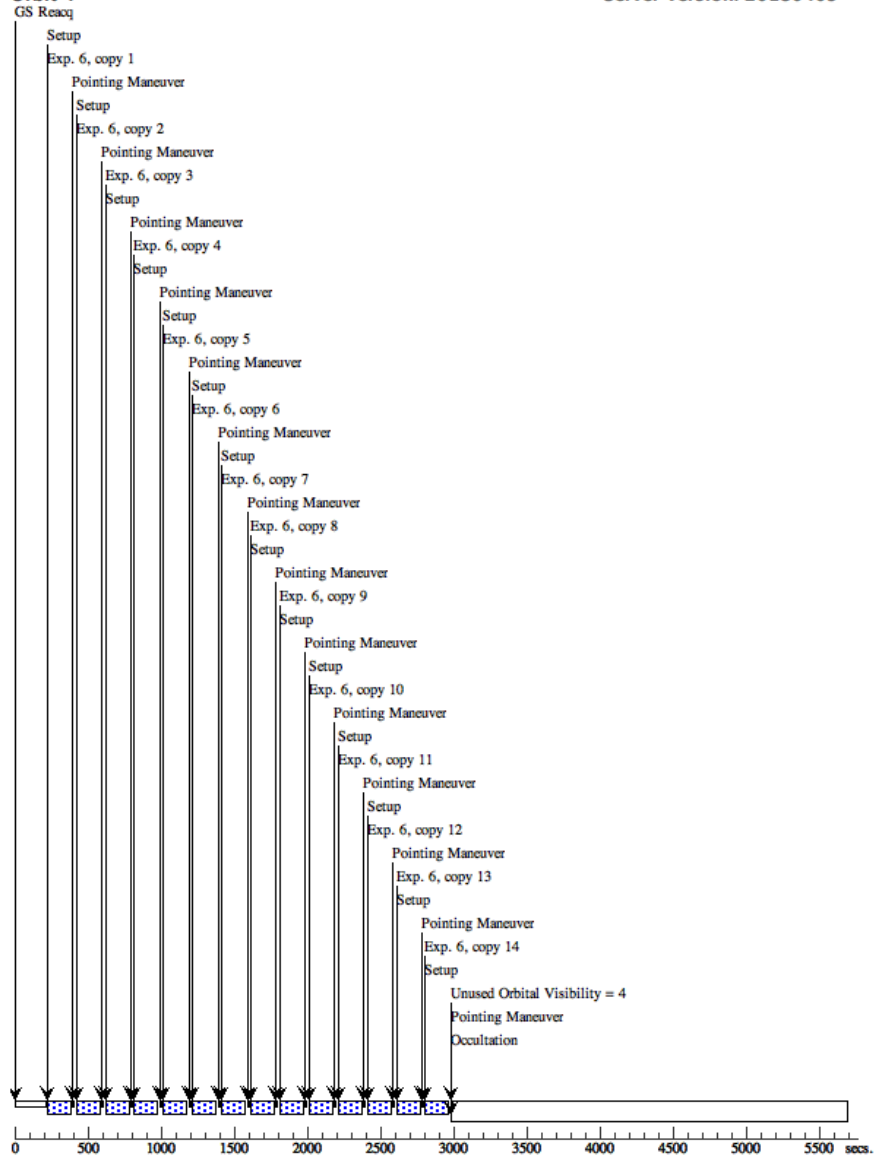
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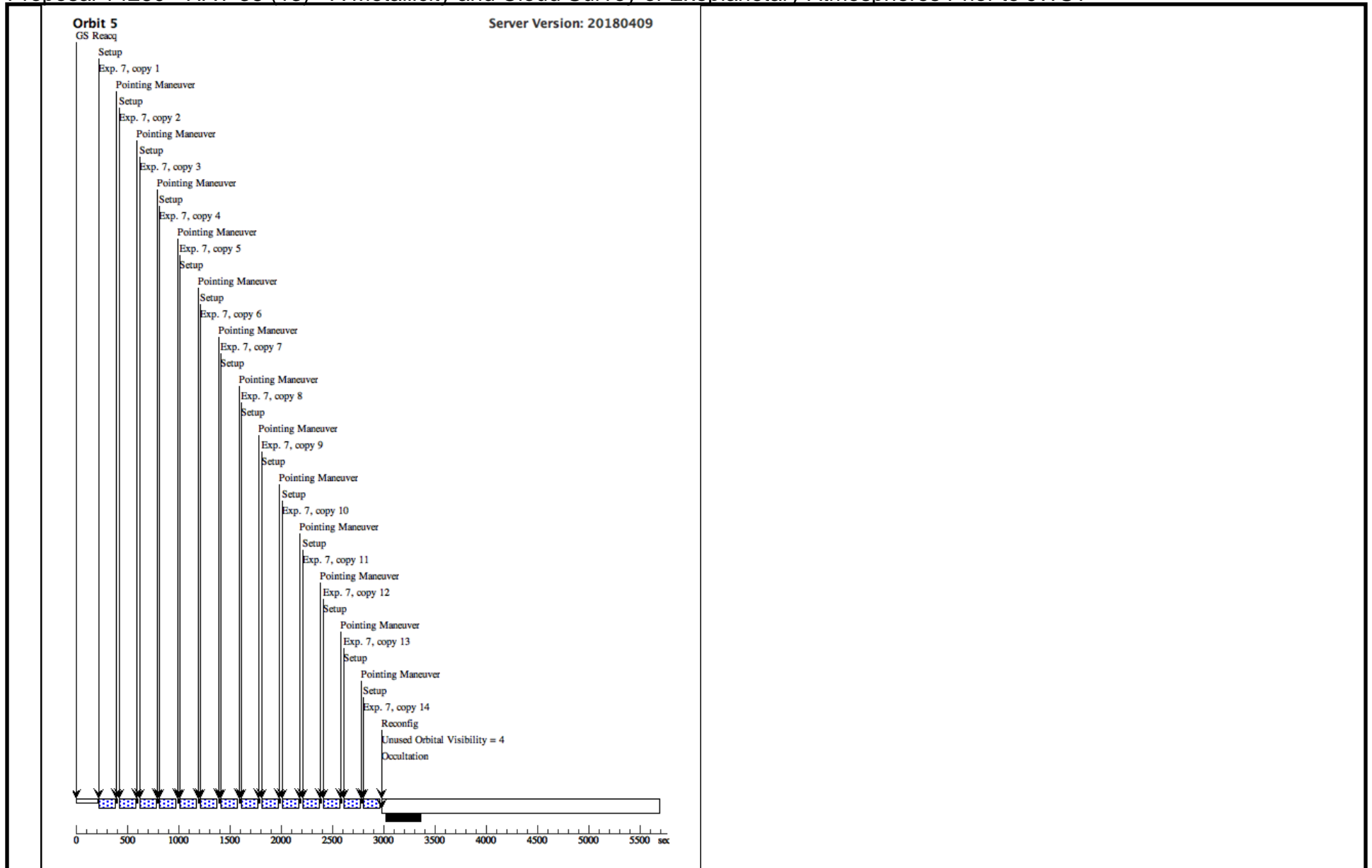
Proposal 14260 - HAT-38 (13) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 4

Server Version: 20180409



Proposal 14260 - HAT-38 (13) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-69 (14) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, WASP-69 (14), completed Mon Jul 09 22:09:30 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(11)		WASP-69	RA: 21 00 6.2000 (315.0258333d) Dec: -05 05 40.10 (-5.09447d) Equinox: J2000	Proper Motion RA: +31.5 mas/yr Proper Motion Dec: -93.6 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=9.87	Reference Frame: SIMBAD
<i>Comments:</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM]						

Proposal 14260 - WASP-69 (14) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(11) WASP-69	(11) WASP-69	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 13.5,0.0; PHASE 0.9558 TO 0.9664	Sequence 1-2 Non-Int in WASP-69 (14)	4.265135 Secs (4.265 Secs) [==>]	[1]
2	(11) WASP-69	(11) WASP-69	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-2.6; SPATIAL SCAN 0.6 3,90.0 Degrees, Round trip	Sequence 1-2 Non-Int in WASP-69 (14)	69.61678 Secs X 11 (1531.569 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)]	[1]

Exposures

Proposal 14260 - WASP-69 (14) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

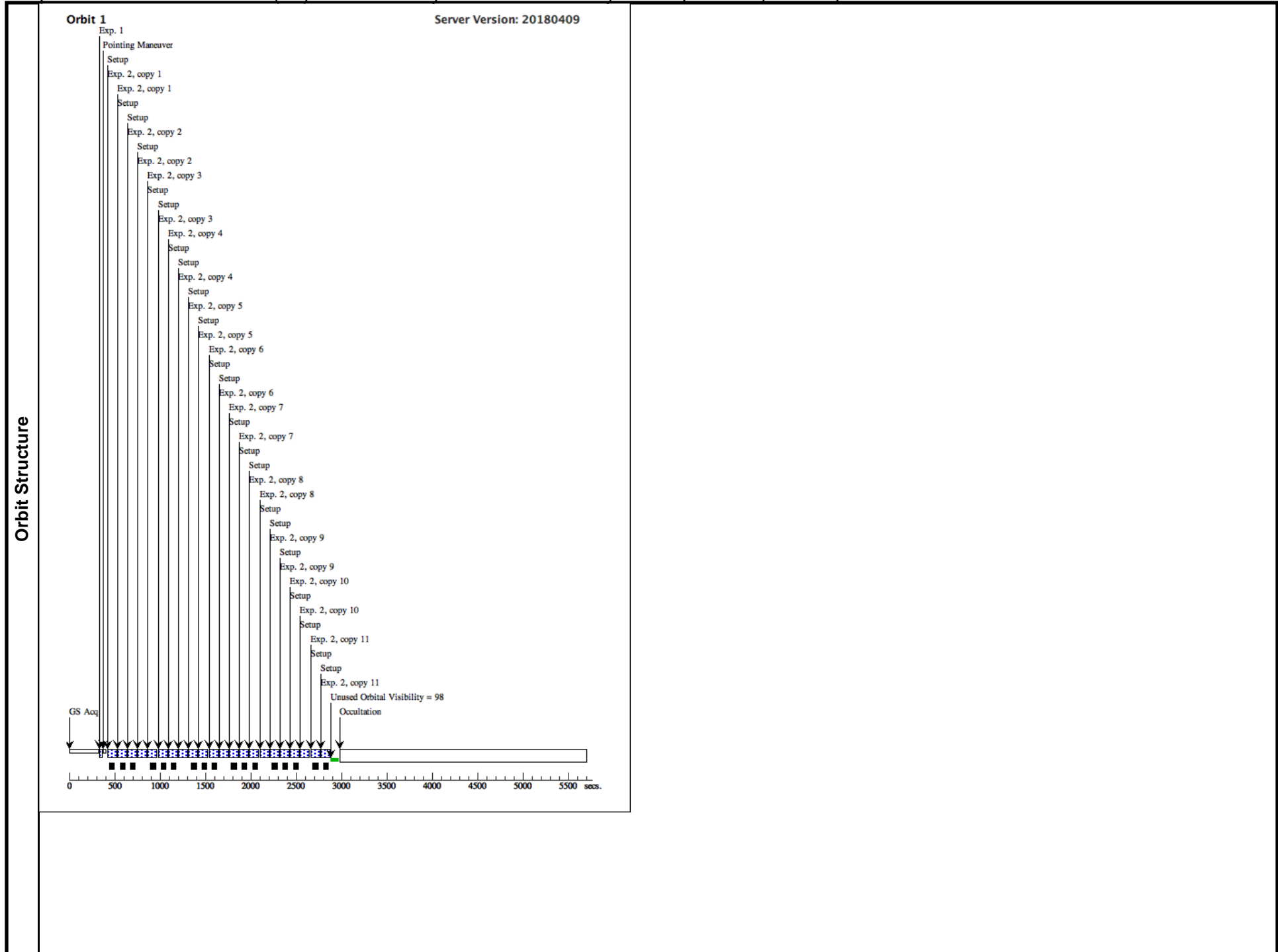
3	(11) WASP-69	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-2 6; SPATIAL SCAN 0.6 3,90.0 Degrees,Roun d trip	Sequence 3-3 Non-In t in WASP-69 (14) 69.61678 Secs X 12 (1670.803 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)]	[2]
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Proposal 14260 - WASP-69 (14) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

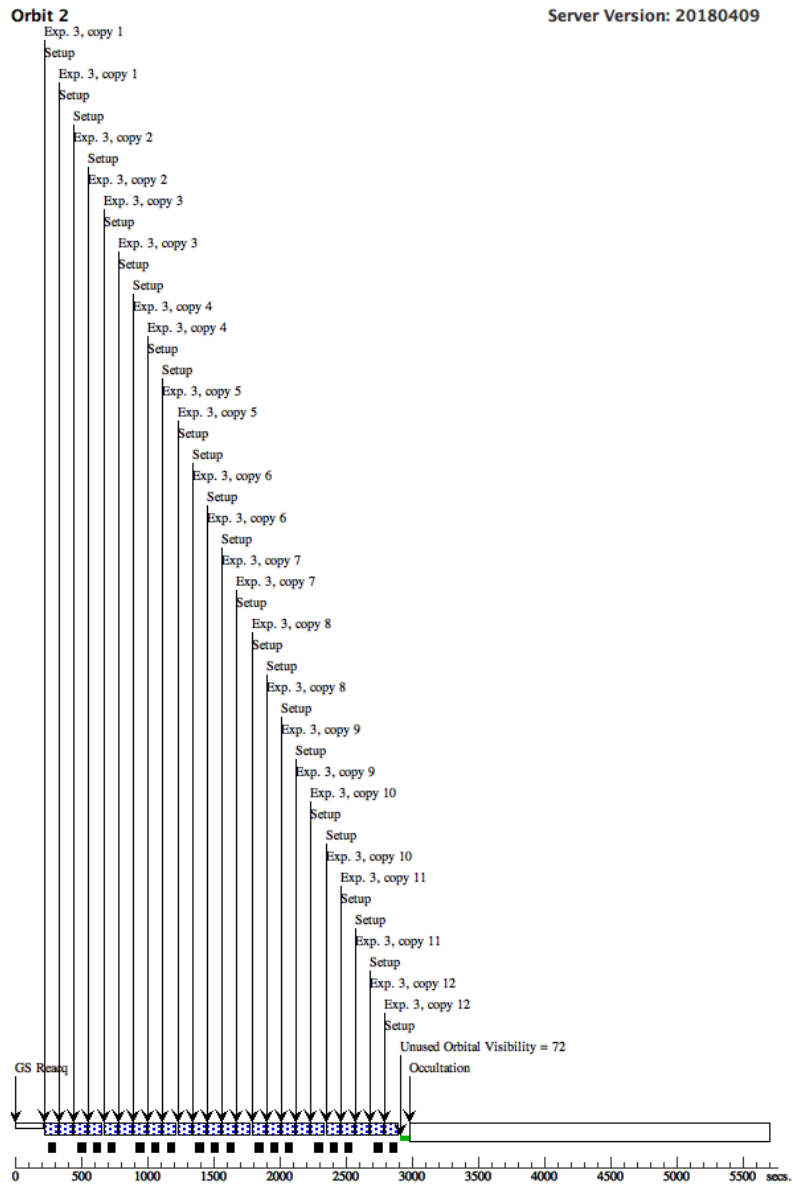
4	(11) WASP-69	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-2 6; SPATIAL SCAN 0.6 3,90.0 Degrees,Roun d trip	Sequence 4-4 Non-In t in WASP-69 (14)	69.61678 Secs X 12 (1670.803 Secs) [=>(Copy 1, Forward)] [=>(Copy 1, Reverse)] [=>(Copy 2, Forward)] [=>(Copy 2, Reverse)] [=>(Copy 3, Forward)] [=>(Copy 3, Reverse)] [=>(Copy 4, Forward)] [=>(Copy 4, Reverse)] [=>(Copy 5, Forward)] [=>(Copy 5, Reverse)] [=>(Copy 6, Forward)] [=>(Copy 6, Reverse)] [=>(Copy 7, Forward)] [=>(Copy 7, Reverse)] [=>(Copy 8, Forward)] [=>(Copy 8, Reverse)] [=>(Copy 9, Forward)] [=>(Copy 9, Reverse)] [=>(Copy 10, Forward)] [=>(Copy 10, Reverse)] [=>(Copy 11, Forward)] [=>(Copy 11, Reverse)] [=>(Copy 12, Forward)] [=>(Copy 12, Reverse)]	[3]
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Proposal 14260 - WASP-69 (14) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

5	(11) WASP-69	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-2 6; SPATIAL SCAN 0.6 3,90.0 Degrees,Roun d trip	Sequence 5-5 Non-In t in WASP-69 (14)	69.61678 Secs X 12 (1670.803 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)]	[4]
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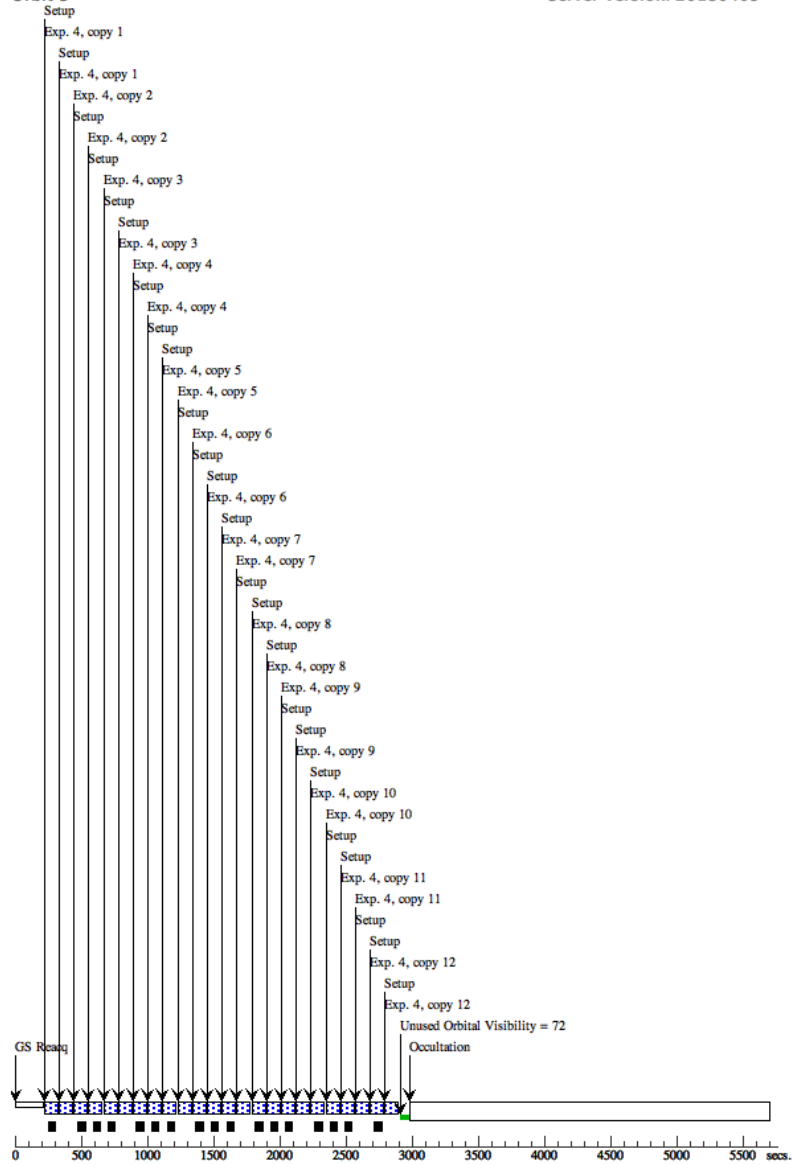
Proposal 14260 - WASP-69 (14) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



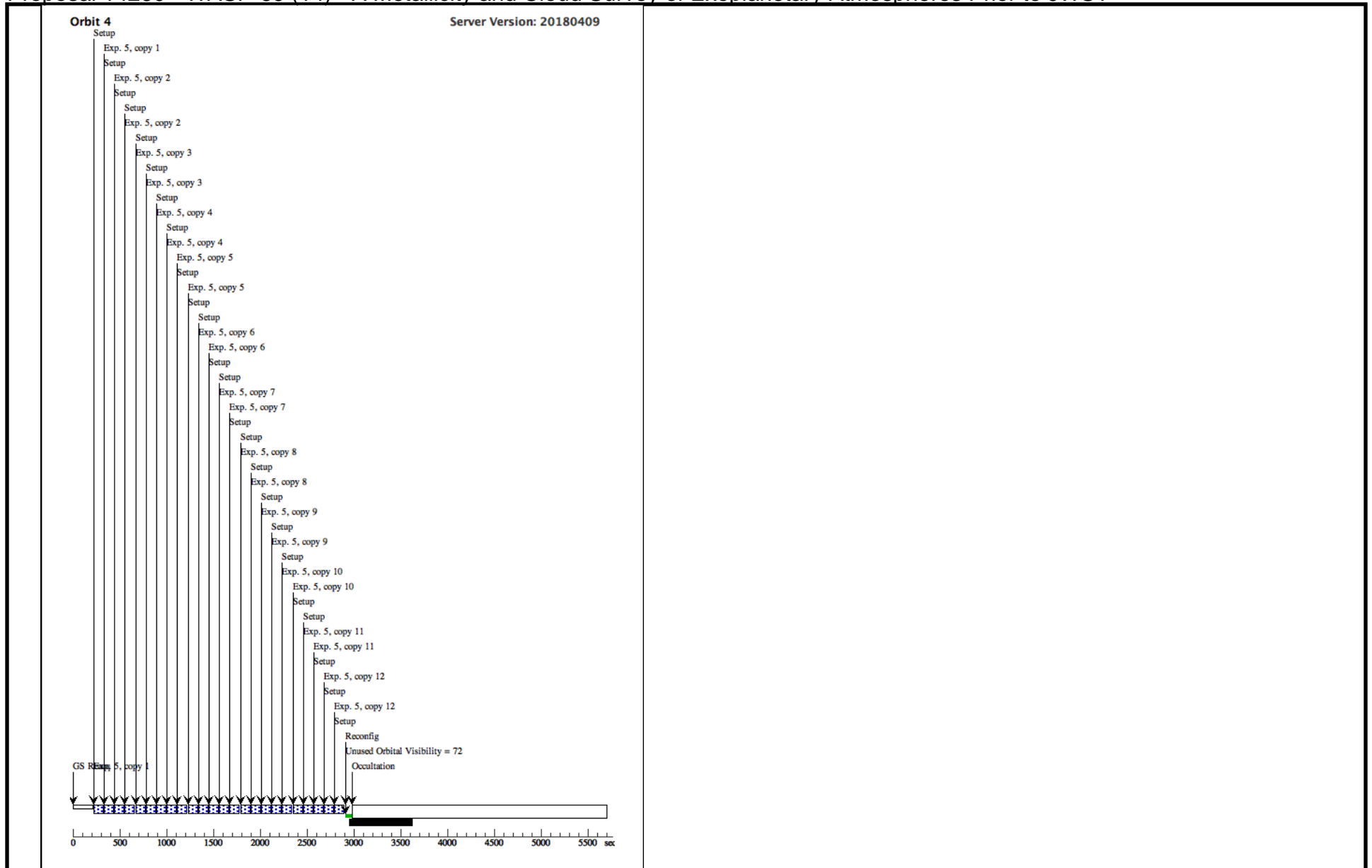
Proposal 14260 - WASP-69 (14) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 3

Server Version: 20180409



Proposal 14260 - WASP-69 (14) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-29 (15) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, WASP-29 (15), completed Mon Jul 09 22:09:30 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 3.922727 D AND ZERO-PHASE HJD2455320.2341					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(12)		WASP-29	RA: 23 51 31.1000 (357.8795833d) Dec: -39 54 24.30 (-39.90675d) Equinox: J2000	Proper Motion RA: -56.8 mas/yr Proper Motion Dec: -87.5 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=11.33	Reference Frame: SIMBAD
<i>Comments:</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO						

Proposal 14260 - WASP-29 (15) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

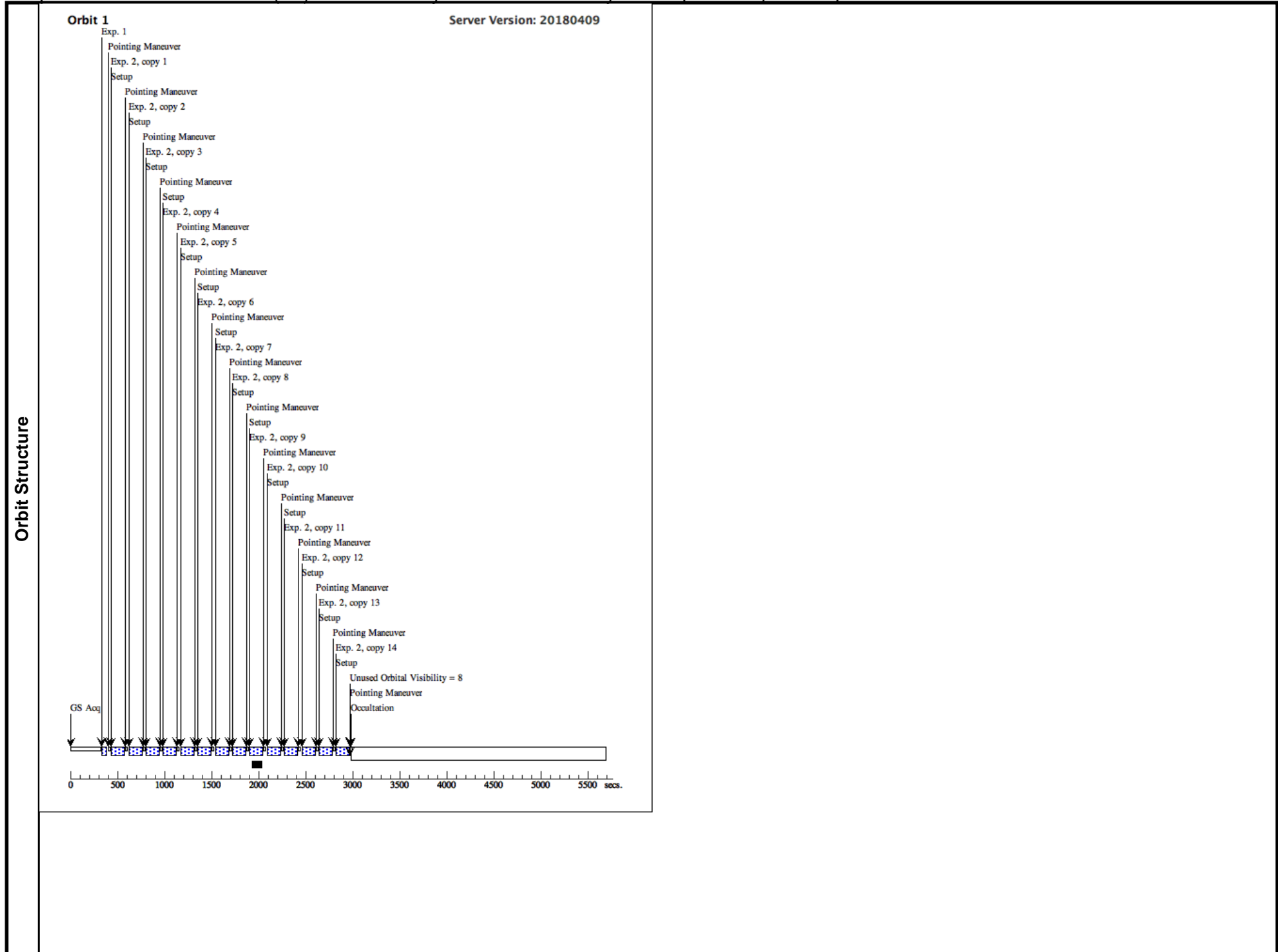
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(12) WASP-29	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9501 TO 0.9574	Sequence 1-2 Non-Int in WASP-29 (15)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(12) WASP-29	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-8.0; SPATIAL SCAN 0.1 1,90.0 Degrees,Forward	Sequence 1-2 Non-Int in WASP-29 (15)	112.00801 Secs X 14 (1568.112 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[1]
	3	(12) WASP-29	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-8.0; SPATIAL SCAN 0.1 1,90.0 Degrees,Forward	Sequence 3-3 Non-Int in WASP-29 (15)	112.00801 Secs X 15 (1680.12 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	[2]

Proposal 14260 - WASP-29 (15) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

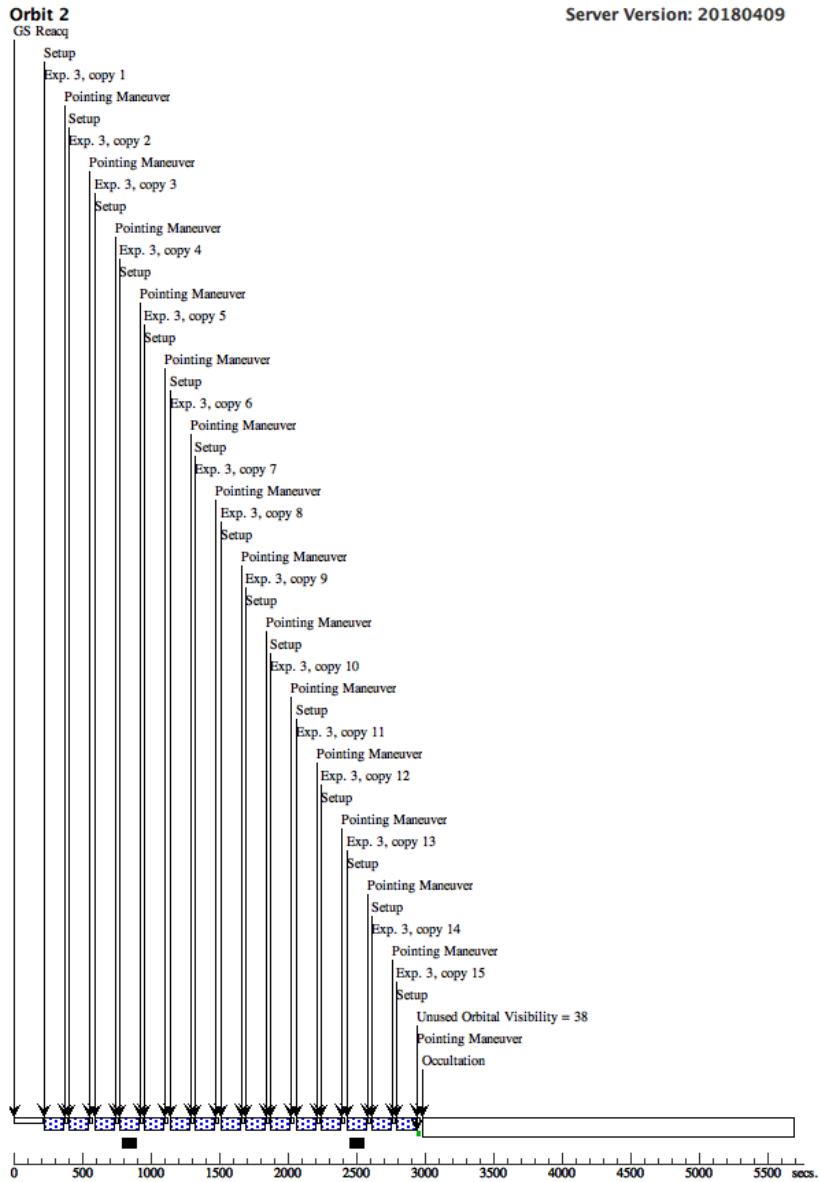
4	(12) WASP-29	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-8.0; SPATIAL SCAN 0.1 1,90.0 Degrees,Forward	Sequence 4-4 Non-Int in WASP-29 (15) 112.00801 Secs X 15 (1680.12 Secs)	[3]
5	(12) WASP-29	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-8.0; SPATIAL SCAN 0.1 1,90.0 Degrees,Forward	Sequence 5-5 Non-Int in WASP-29 (15) 112.00801 Secs X 15 (1680.12 Secs)	[4]

Proposal 14260 - WASP-29 (15) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

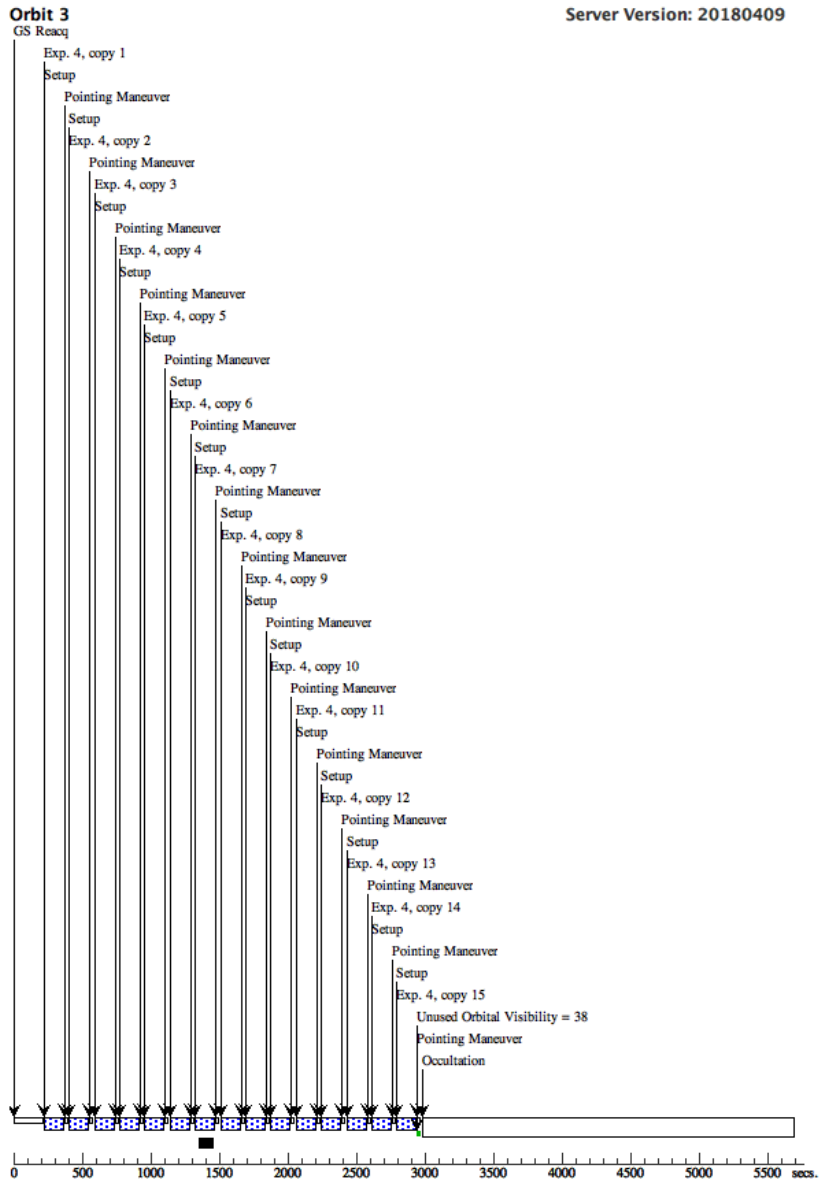
6	(12) WASP-29	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-8.0; SPATIAL SCAN 0.1 1,90.0 Degrees,Forward	Sequence 6-6 Non-Int in WASP-29 (15)	112.00801 Secs X 15 (1680.12 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)] [=>(Copy 6)] [=>(Copy 7)] [=>(Copy 8)] [=>(Copy 9)] [=>(Copy 10)] [=>(Copy 11)] [=>(Copy 12)] [=>(Copy 13)] [=>(Copy 14)] [=>(Copy 15)]	[5]
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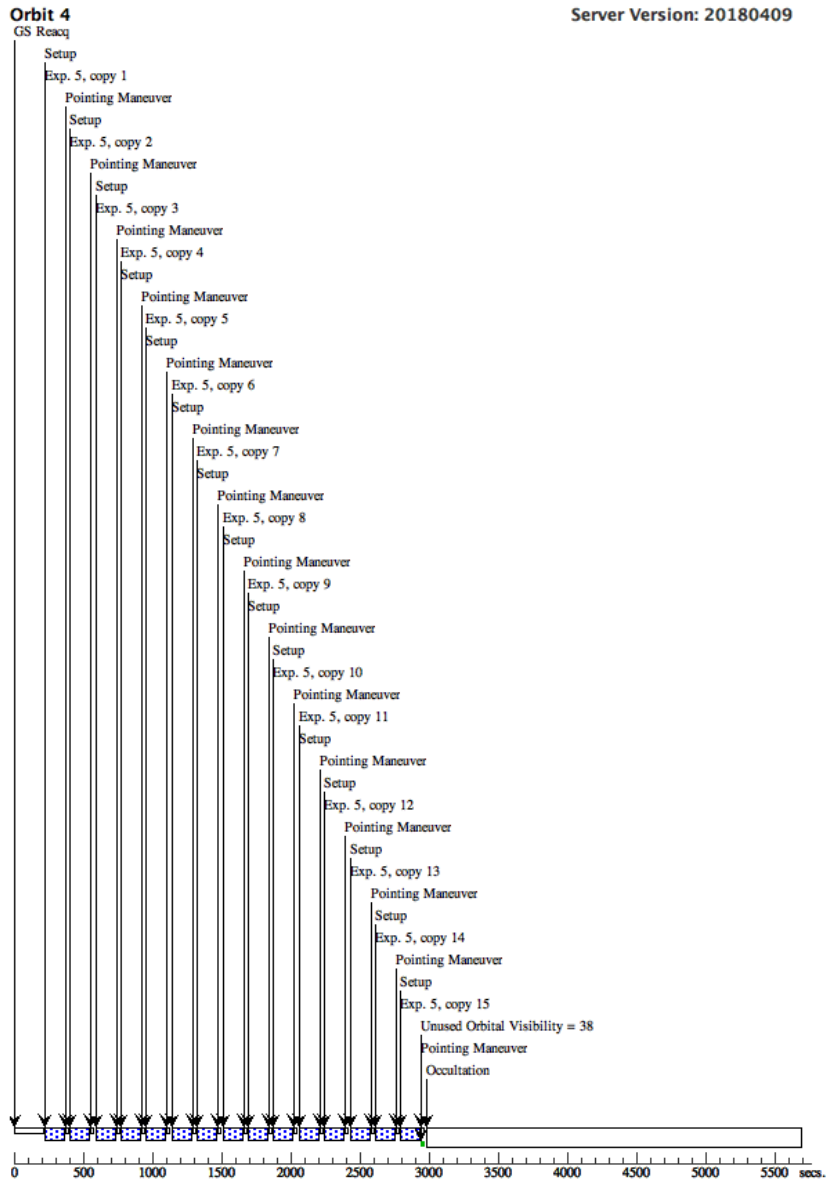
Proposal 14260 - WASP-29 (15) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



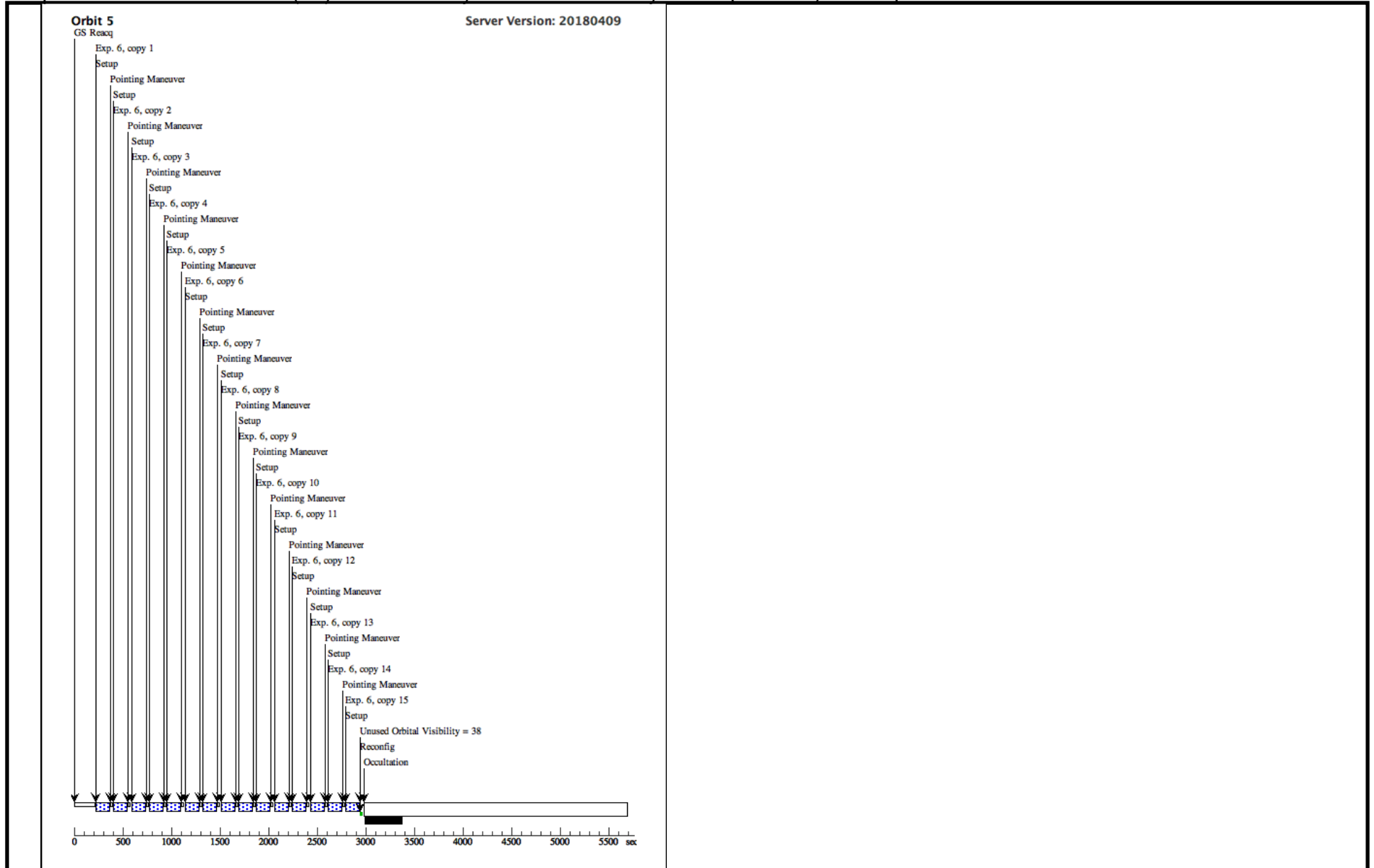
Proposal 14260 - WASP-29 (15) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-29 (15) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - WASP-29 (15) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-12 (16) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Mon Jul 09 22:09:30 GMT 2018

Visit	Proposal 14260, HAT-12 (16), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 3.21305961 D AND ZERO-PHASE HJD2454187.85482																
	Diagnosics (HAT-12 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-12 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-12 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-12 (16)) Warning (Orbit Planner): ORBITAL 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>(13)</td> <td>HAT-P-12</td> <td>RA: 13 57 33.5000 (209.3895833d) Dec: +43 29 36.70 (43.49353d) Equinox: J2000</td> <td>Proper Motion RA: -132.0 mas/yr Proper Motion Dec: -38.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0</td> <td>V=12.84</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(13)	HAT-P-12	RA: 13 57 33.5000 (209.3895833d) Dec: +43 29 36.70 (43.49353d) Equinox: J2000	Proper Motion RA: -132.0 mas/yr Proper Motion Dec: -38.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.84	Reference Frame: SIMBAD
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(13)	HAT-P-12	RA: 13 57 33.5000 (209.3895833d) Dec: +43 29 36.70 (43.49353d) Equinox: J2000	Proper Motion RA: -132.0 mas/yr Proper Motion Dec: -38.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.84	Reference Frame: SIMBAD												
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO																	

Proposal 14260 - HAT-12 (16) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

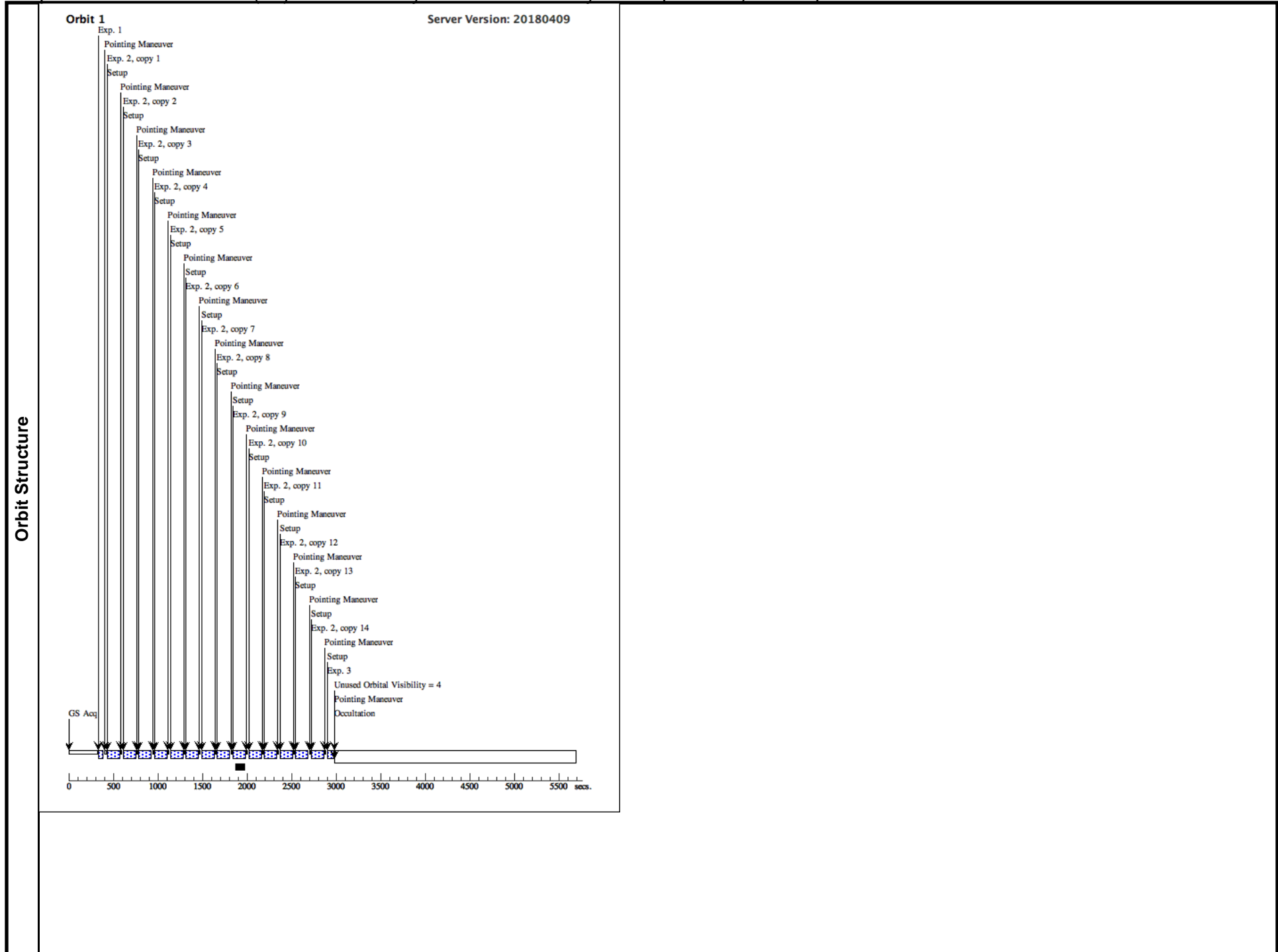
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(13) HAT-P-12	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9383 TO 0.9490	Sequence 1-3 Non-Int in HAT-12 (16)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-12 (16)	112.00801 Secs X 14 (1568.112 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[1]
	3	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=3	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-12 (16)	44.969893 Secs (44.97 Secs) [==>]	[1]
	4	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HAT-12 (16)	112.00801 Secs X 15 (1680.12 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	[2]
	5	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HAT-12 (16)	89.661971 Secs (89.662 Secs) [==>]	[2]

Proposal 14260 - HAT-12 (16) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

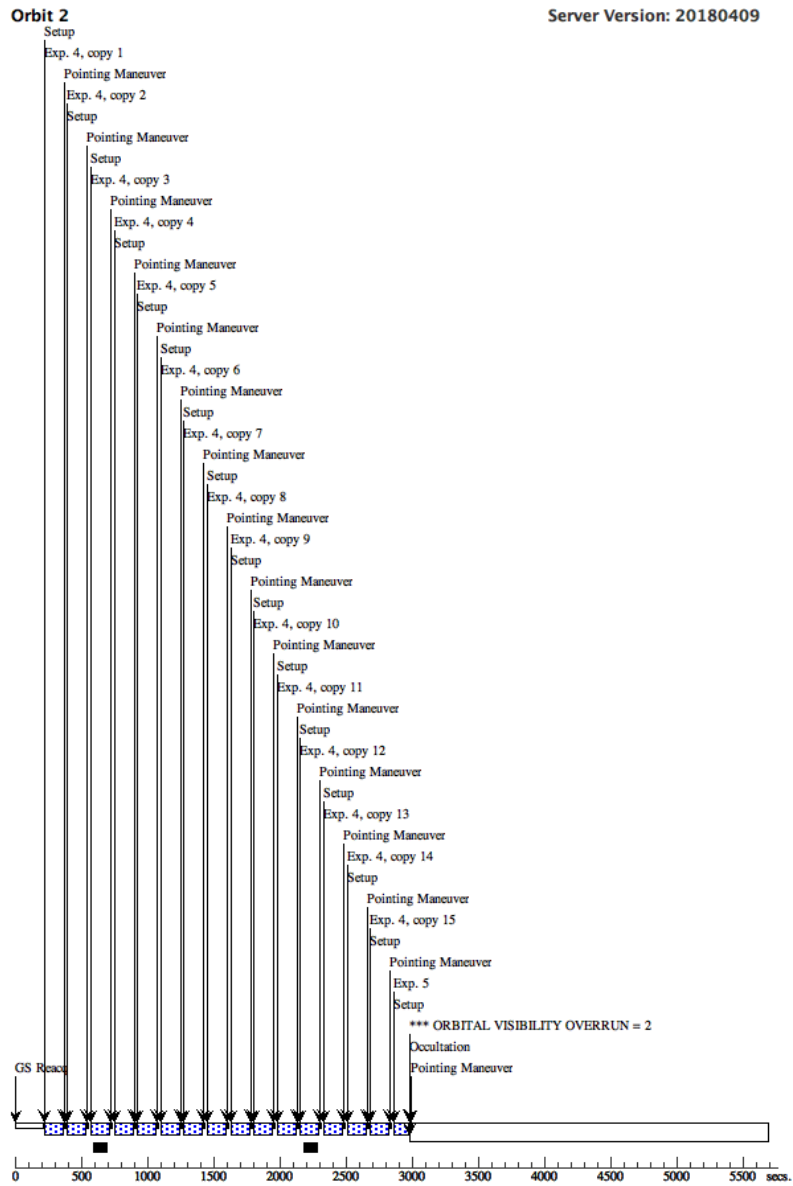
6	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 6-7 Non-Int in HAT-12 (16)	112.00801 Secs X 15 (1680.12 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	
7	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 6-7 Non-Int in HAT-12 (16)	89.661971 Secs (89.662 Secs)	[3]
							[==>]	
8	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HAT-12 (16)	112.00801 Secs X 15 (1680.12 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	
9	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HAT-12 (16)	89.661971 Secs (89.662 Secs)	[4]
							[==>]	

Proposal 14260 - HAT-12 (16) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

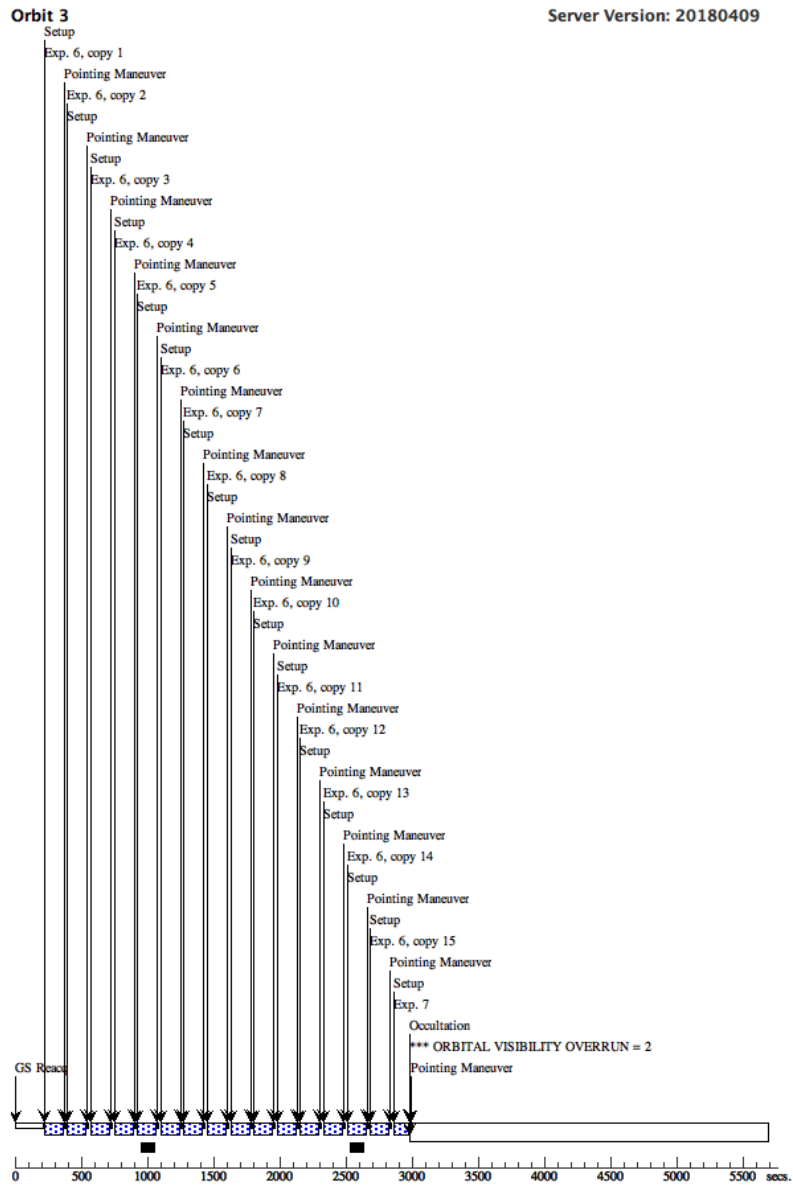
10	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forw ard	Sequence 10-11 Non -Int in HAT-12 (16)	112.00801 Secs X 15 (1680.12 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	[5]
11	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forw ard	Sequence 10-11 Non -Int in HAT-12 (16)	89.661971 Secs (89.662 Secs) [==>]	[5]



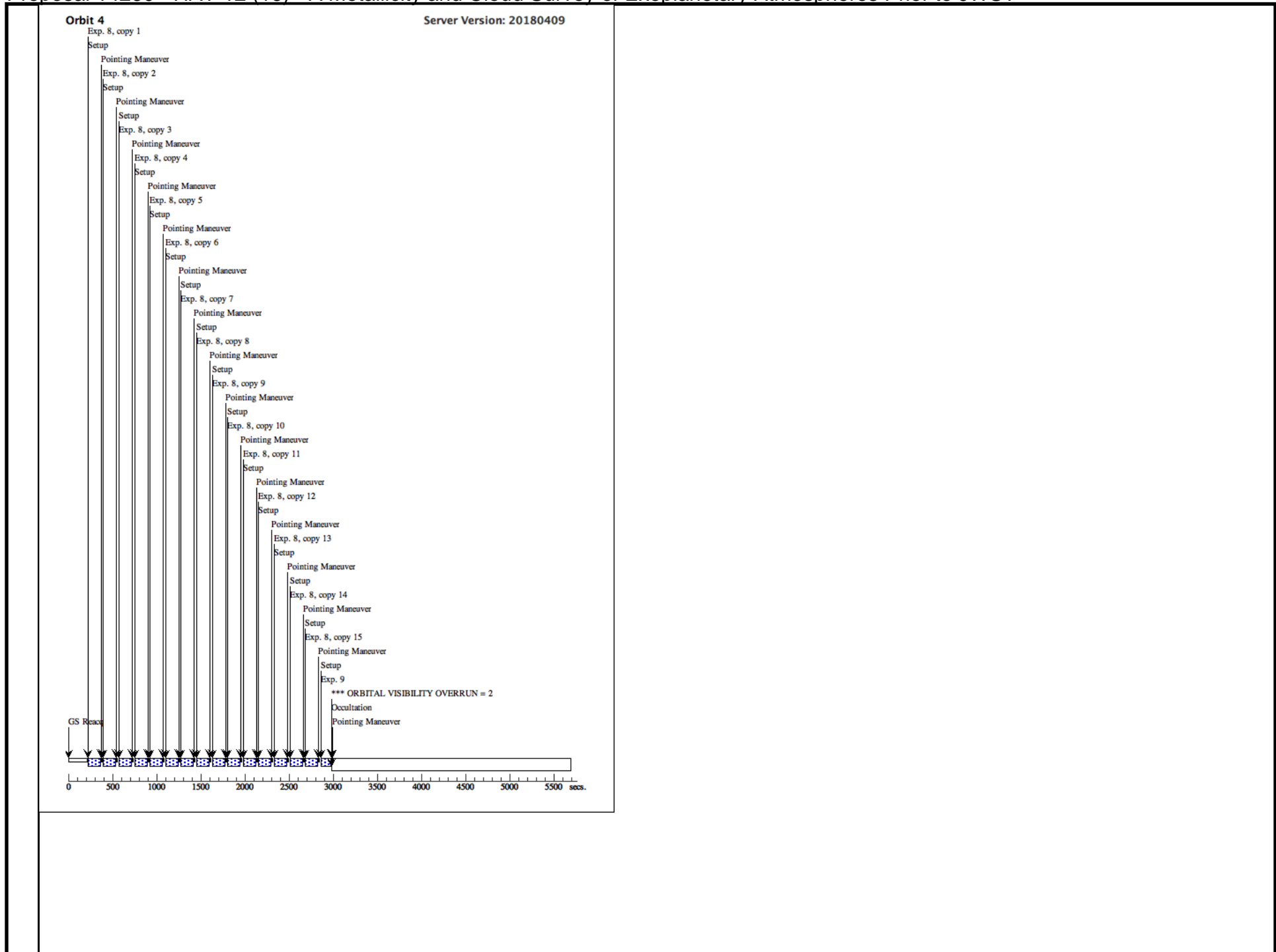
Proposal 14260 - HAT-12 (16) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



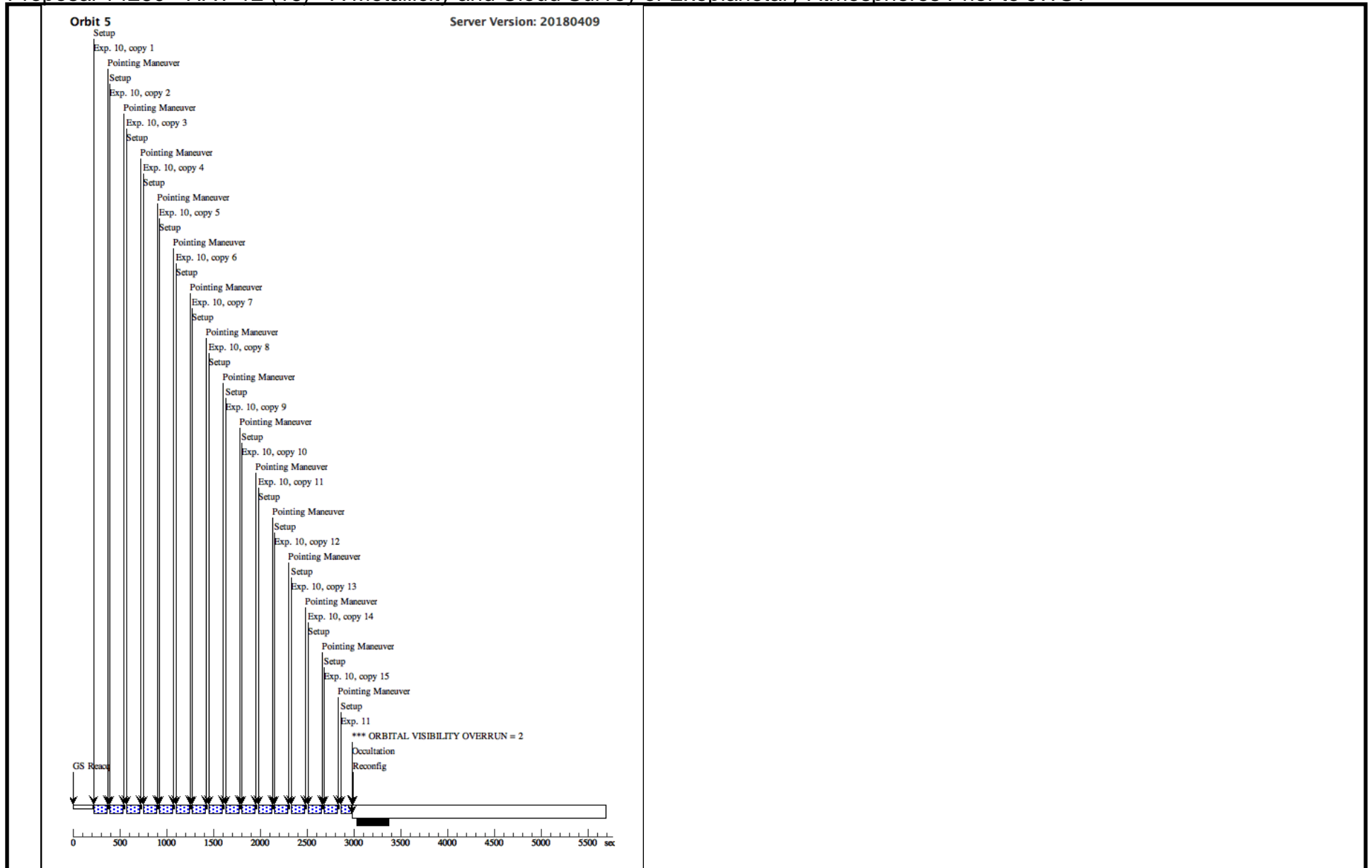
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Mon Jul 09 22:09:30 GMT 2018

Visit	Proposal 14260, HAT-12 (17), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 3.21305961 D AND ZERO-PHASE HJD2454187.85482																
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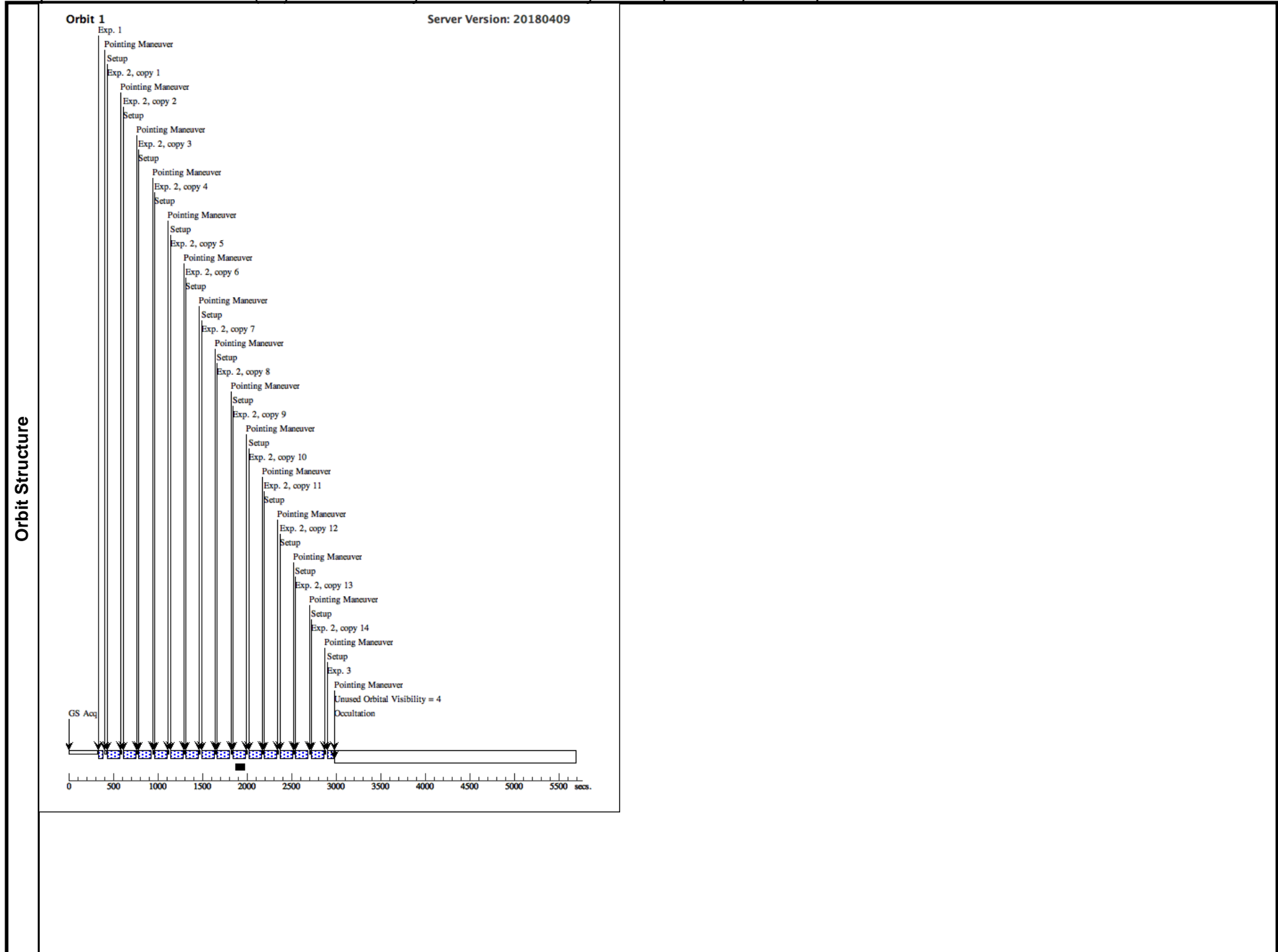
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(13) HAT-P-12	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9383 TO 0.9490	Sequence 1-3 Non-Int in HAT-12 (17)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-12 (17)	112.00801 Secs X 14 (1568.112 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[1]
	3	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=3	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-12 (17)	44.969893 Secs (44.97 Secs) [==>]	[1]
	4	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HAT-12 (17)	112.00801 Secs X 15 (1680.12 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	[2]
	5	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HAT-12 (17)	89.661971 Secs (89.662 Secs) [==>]	[2]

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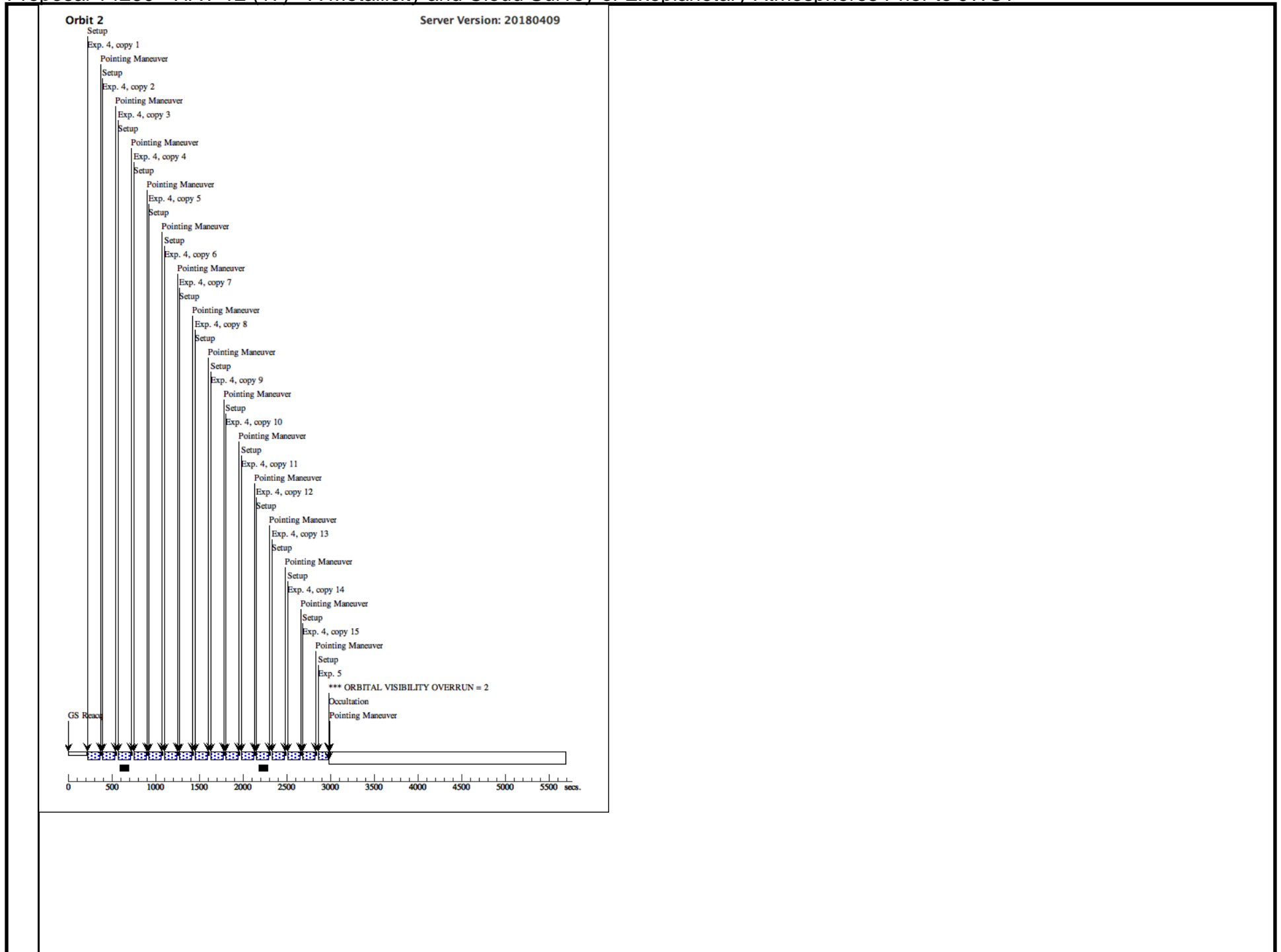
6	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 6-7 Non-Int in HAT-12 (17)	112.00801 Secs X 15 (1680.12 Secs)	[3]
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							[==>]	
8	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HAT-12 (17)	112.00801 Secs X 15 (1680.12 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	
9	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HAT-12 (17)	89.661971 Secs (89.662 Secs)	[4]
							[==>]	

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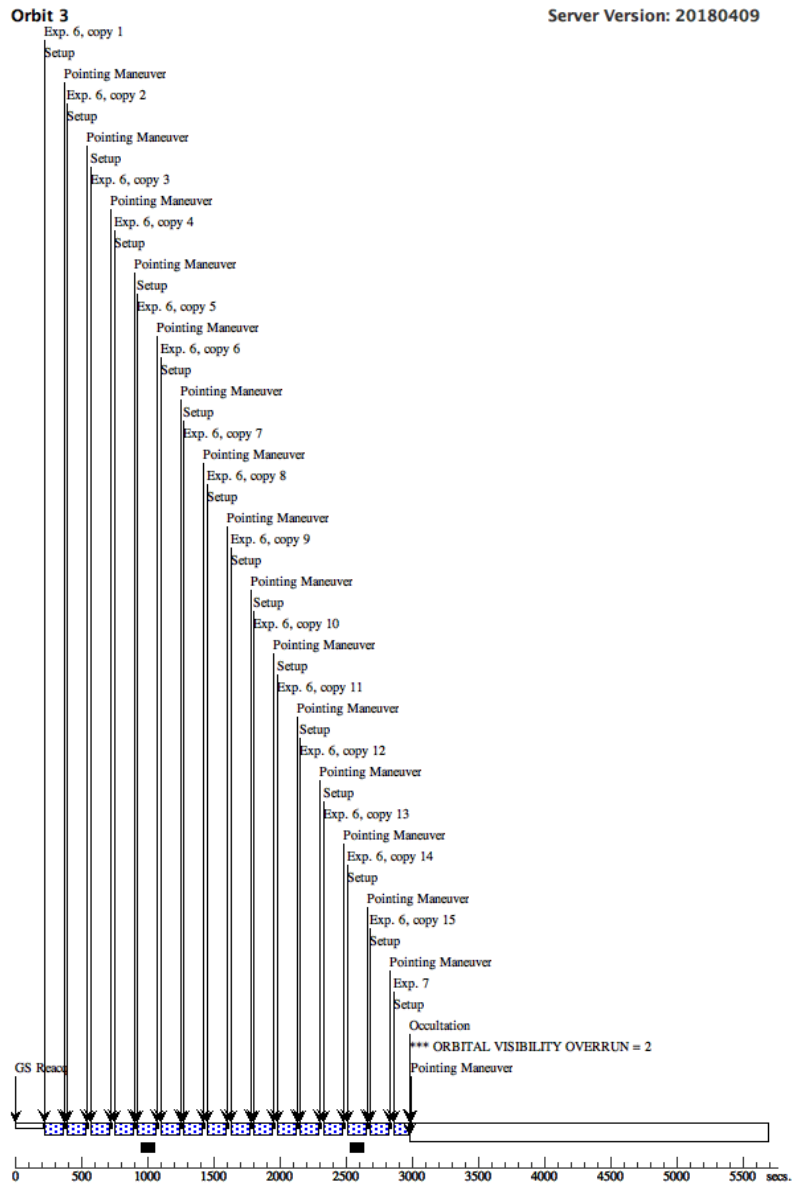
10	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forw ard	Sequence 10-11 Non -Int in HAT-12 (17)	112.00801 Secs X 15 (1680.12 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	[5]
11	(13) HAT-P-12	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forw ard	Sequence 10-11 Non -Int in HAT-12 (17)	89.661971 Secs (89.662 Secs) [==>]	[5]



Proposal 14260 - HAT-12 (17) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



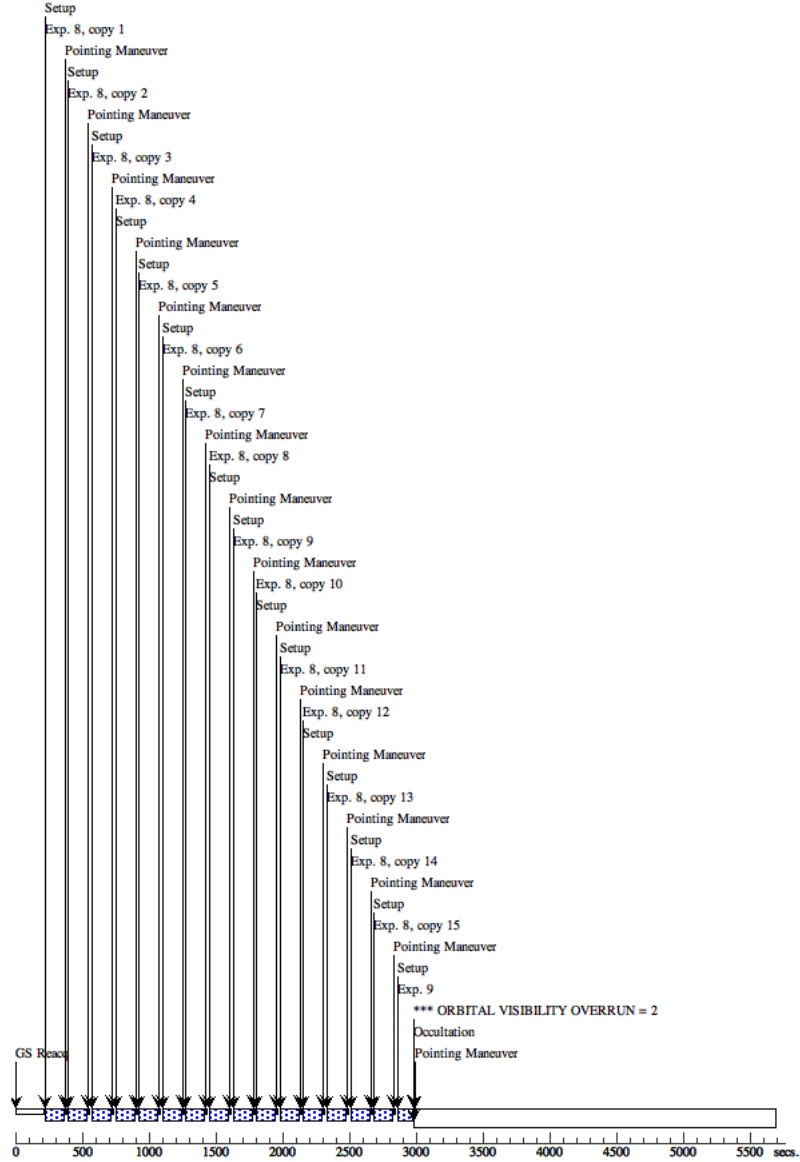
Proposal 14260 - HAT-12 (17) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



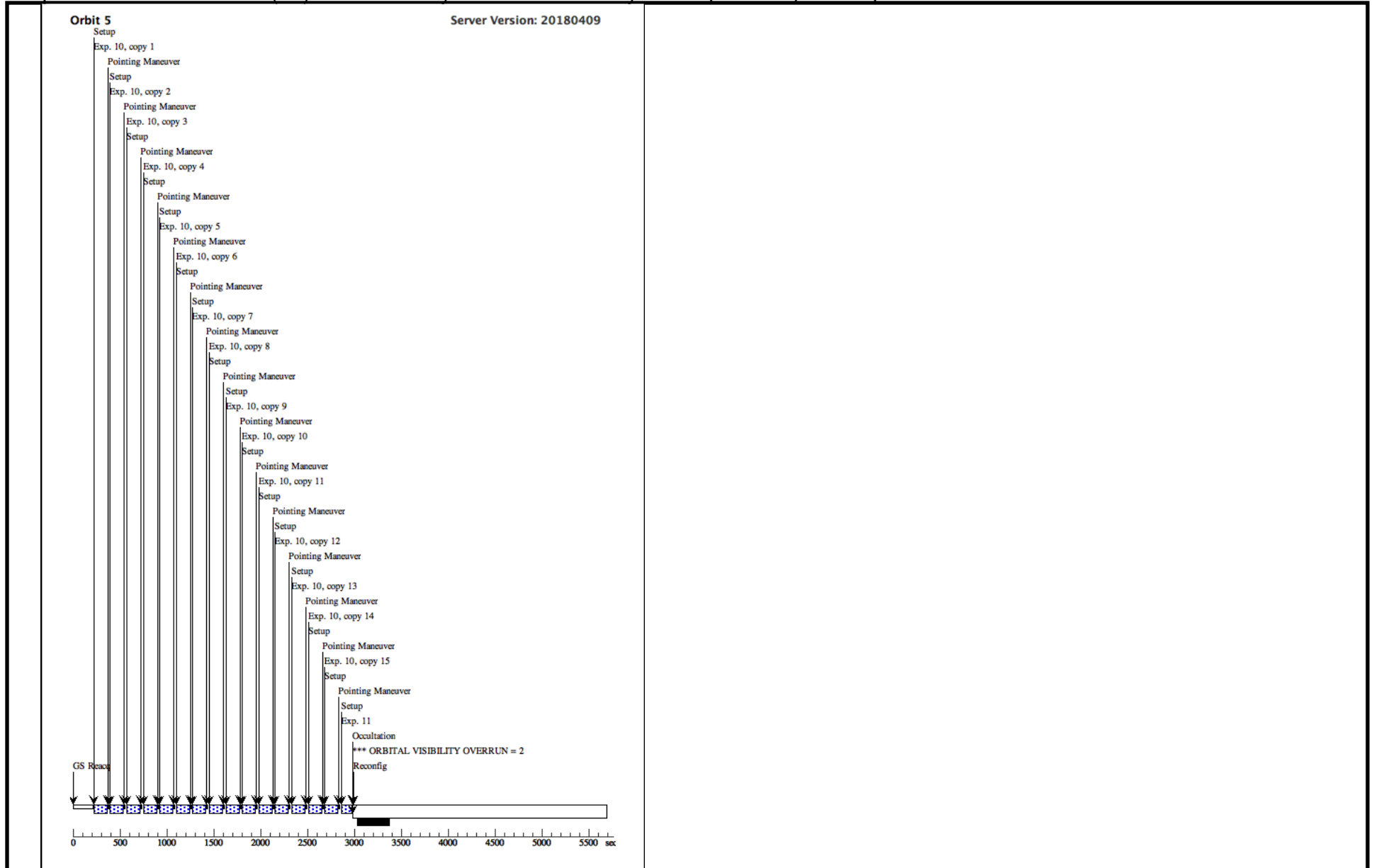
Proposal 14260 - HAT-12 (17) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 4

Server Version: 20180409



Proposal 14260 - HAT-12 (17) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-18 (18) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Mon Jul 09 22:09:30 GMT 2018

Visit	Proposal 14260, HAT-18 (18), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 5.508023 D AND ZERO-PHASE HJD2454715.02174					
	Diagnostics	(HAT-18 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
(HAT-18 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
(HAT-18 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
(HAT-18 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	HAT-P-18	RA: 17 05 23.1000 (256.3462500d) Dec: +33 00 45.00 (33.01250d) Equinox: J2000	Proper Motion RA: -21.3 mas/yr Proper Motion Dec: -44.2 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.76	Reference Frame: SIMBAD
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO						

Proposal 14260 - HAT-18 (18) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

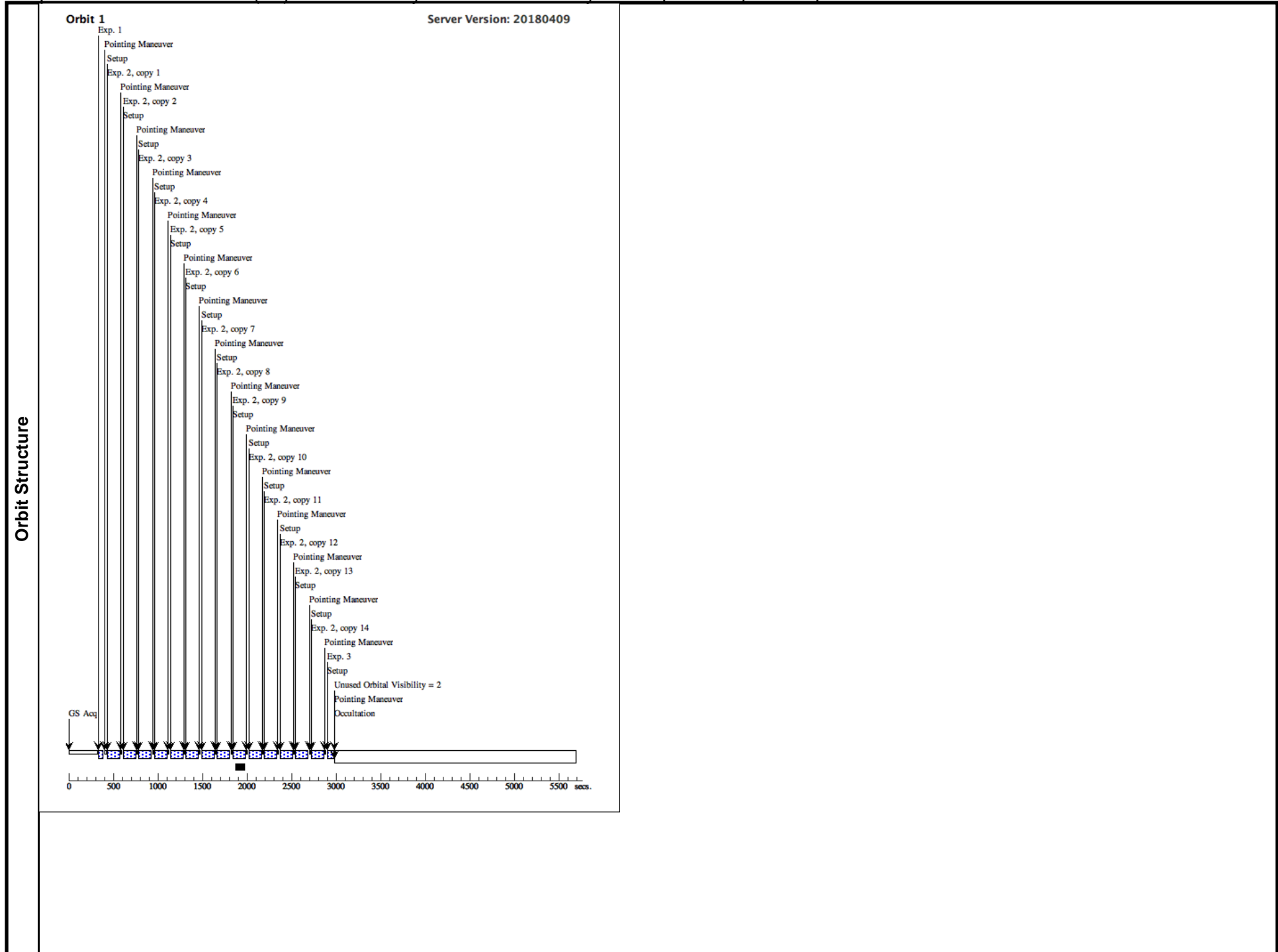
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(14) HAT-P-18	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9648 TO 0.9693	Sequence 1-3 Non-Int in HAT-18 (18)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-18 (18)	112.00801 Secs X 14 (1568.112 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[1]
	3	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=3	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-18 (18)	44.969893 Secs (44.97 Secs) [==>]	[1]
	4	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HAT-18 (18)	112.00801 Secs X 15 (1680.12 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	[2]
	5	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HAT-18 (18)	89.661971 Secs (89.662 Secs) [==>]	[2]

Proposal 14260 - HAT-18 (18) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

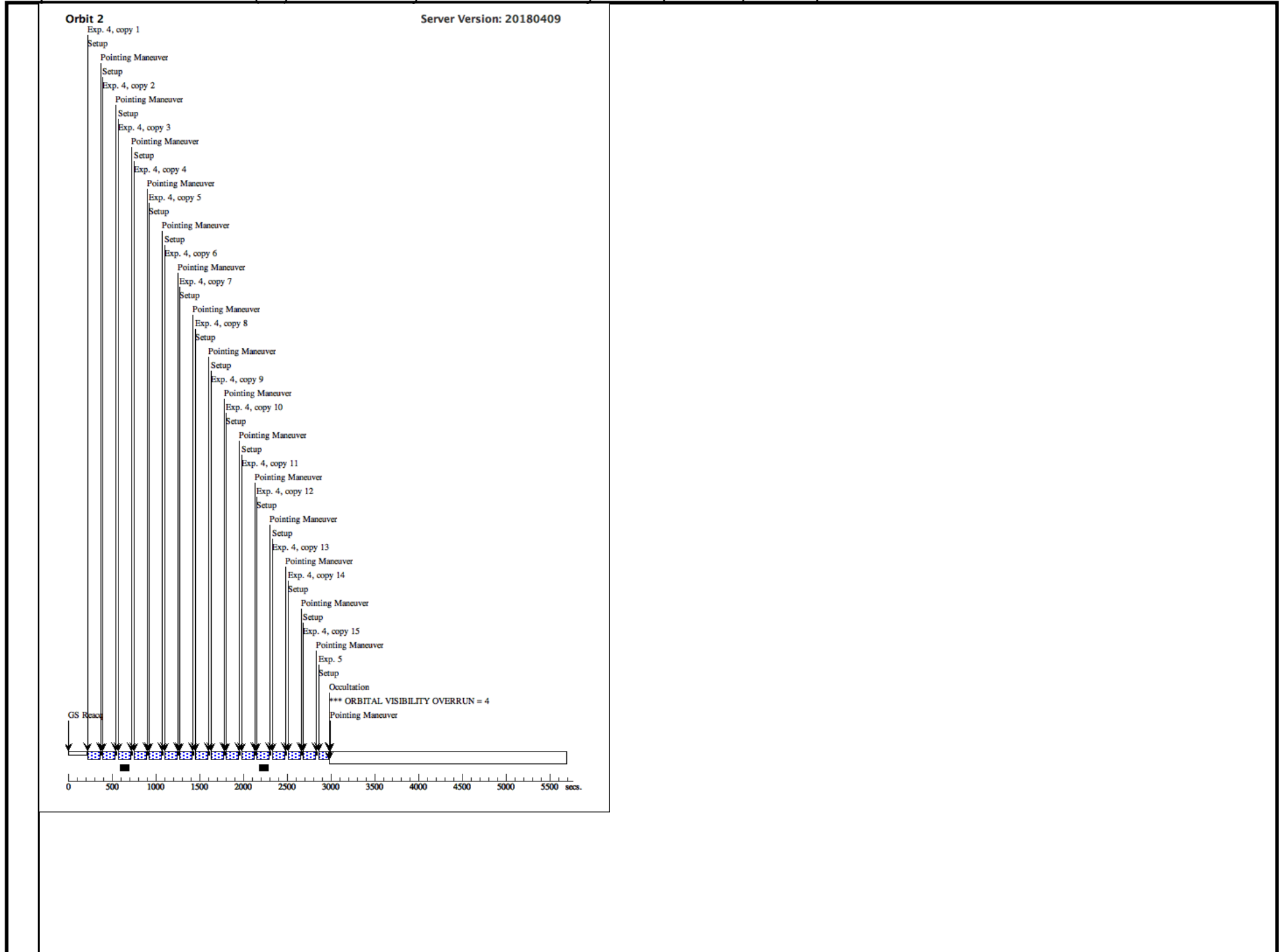
6	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 6-7 Non-Int in HAT-18 (18)	112.00801 Secs X 15 (1680.12 Secs)	[3]
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7	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 6-7 Non-Int in HAT-18 (18)	89.661971 Secs (89.662 Secs)	[3]
							[==>]	
8	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HAT-18 (18)	112.00801 Secs X 15 (1680.12 Secs)	[4]
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9	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HAT-18 (18)	89.661971 Secs (89.662 Secs)	[4]
							[==>]	

Proposal 14260 - HAT-18 (18) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

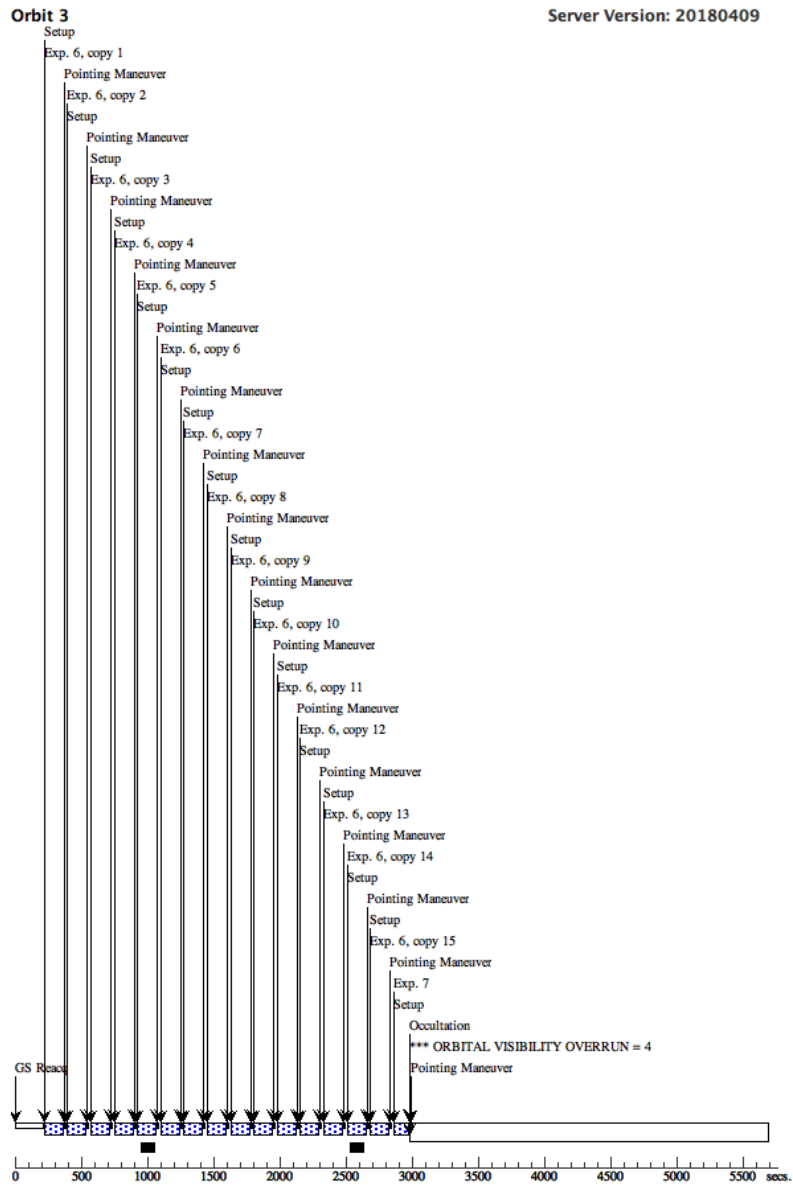
10	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forw ard	Sequence 10-11 Non -Int in HAT-18 (18)	112.00801 Secs X 15 (1680.12 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	[5]
11	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forw ard	Sequence 10-11 Non -Int in HAT-18 (18)	89.661971 Secs (89.662 Secs) [==>]	[5]



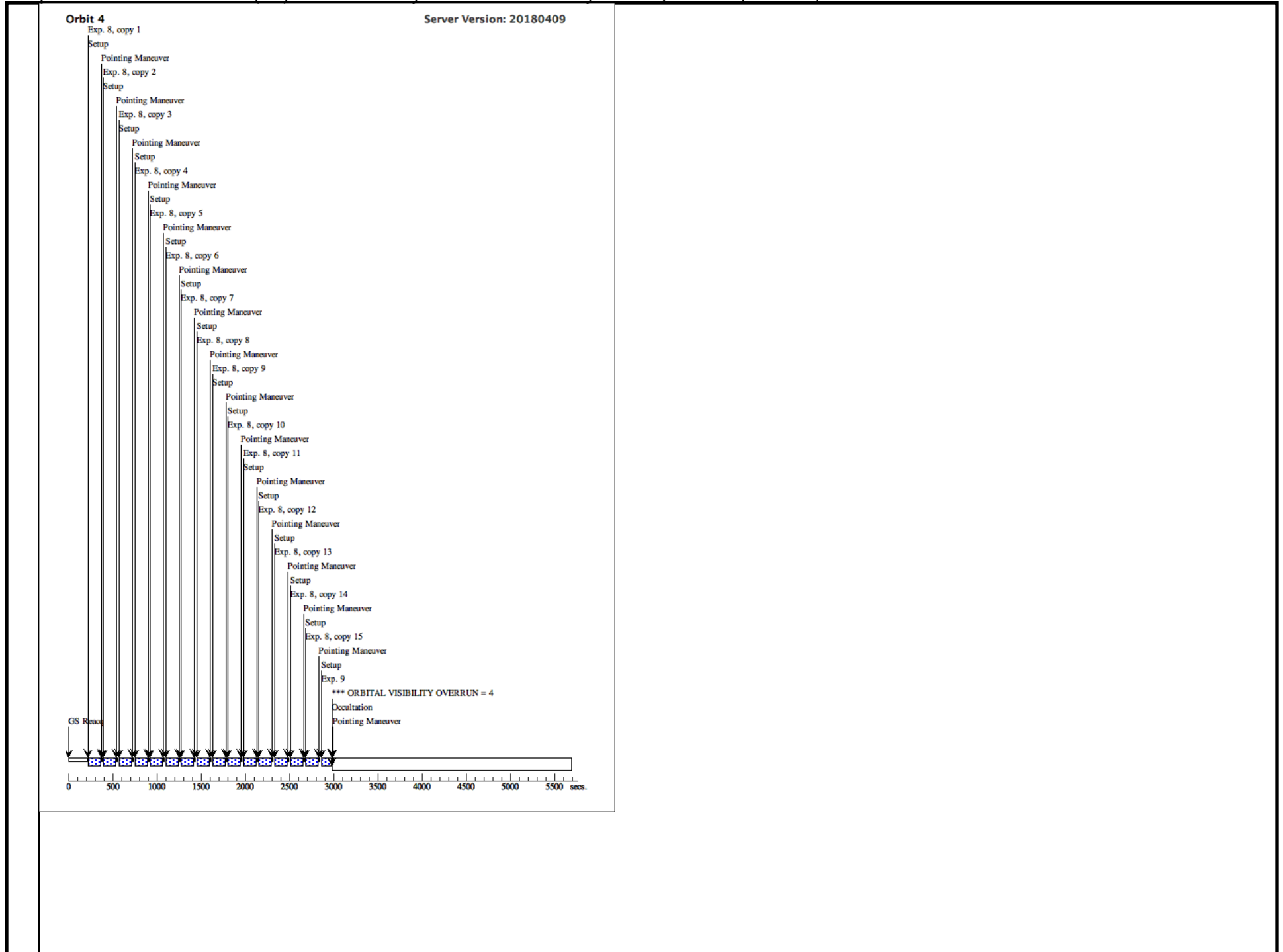
Proposal 14260 - HAT-18 (18) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



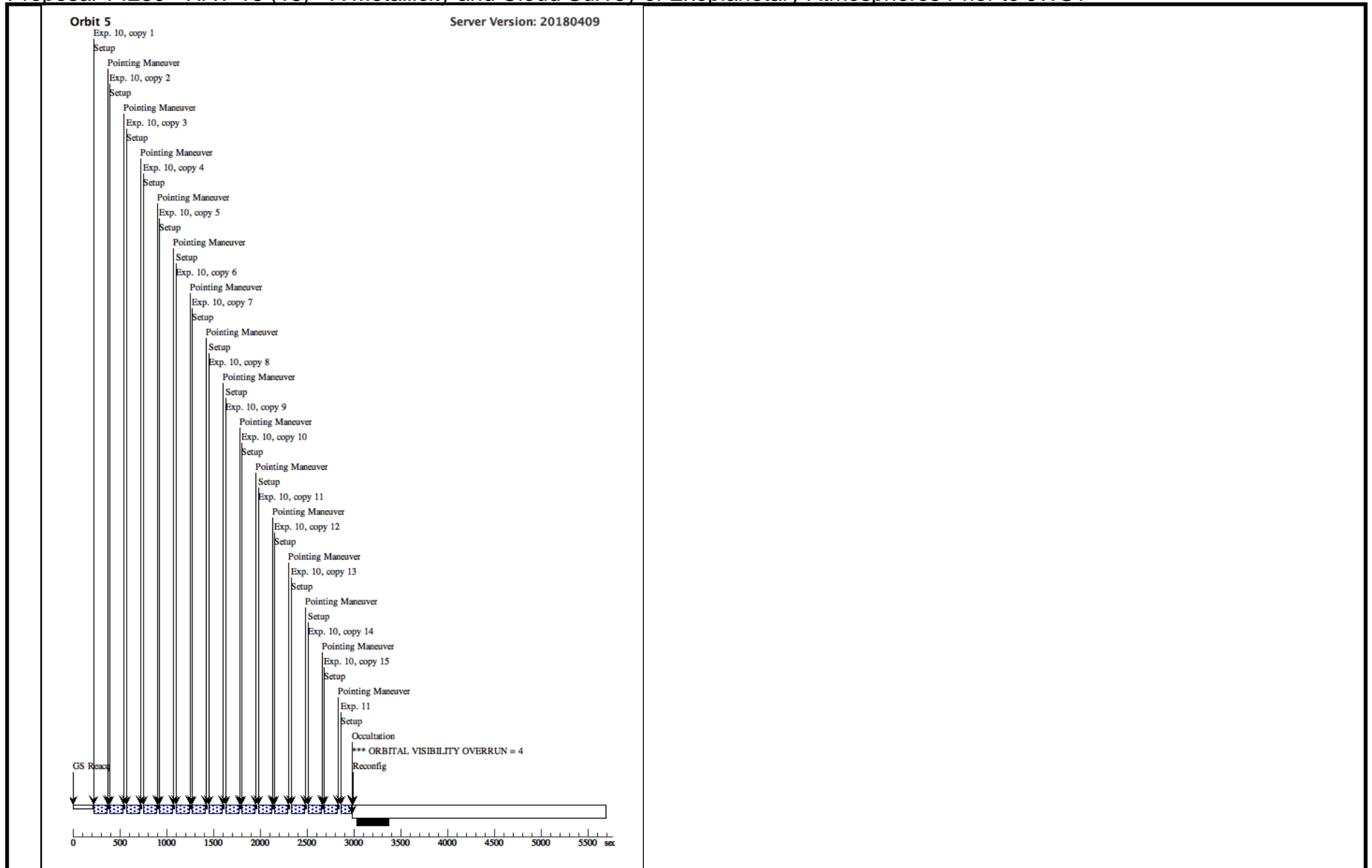
Proposal 14260 - HAT-18 (18) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-18 (18) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-18 (18) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-18 (19) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Mon Jul 09 22:09:31 GMT 2018

Visit	Proposal 14260, HAT-18 (19), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 5.508023 D AND ZERO-PHASE HJD2454715.02174					
	Diagnostics	(HAT-18 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
(HAT-18 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
(HAT-18 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
(HAT-18 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	HAT-P-18	RA: 17 05 23.1000 (256.3462500d) Dec: +33 00 45.00 (33.01250d) Equinox: J2000	Proper Motion RA: -21.3 mas/yr Proper Motion Dec: -44.2 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=12.76	Reference Frame: SIMBAD
<i>Comments:</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO						

Proposal 14260 - HAT-18 (19) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

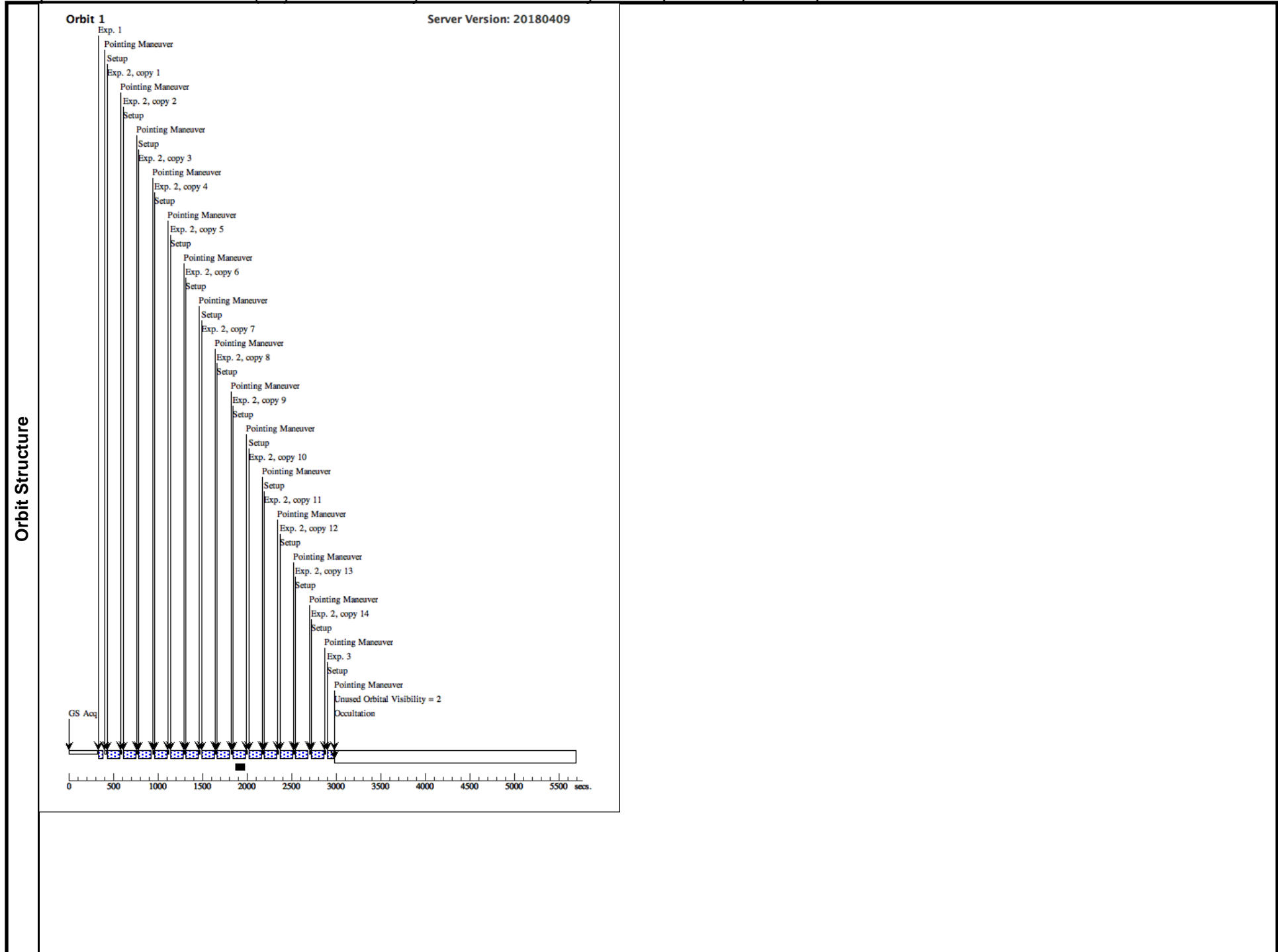
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(14) HAT-P-18	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9648 TO 0.9693	Sequence 1-3 Non-Int in HAT-18 (19)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-18 (19)	112.00801 Secs X 14 (1568.112 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[1]
	3	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=3	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-18 (19)	44.969893 Secs (44.97 Secs) [==>]	[1]
	4	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HAT-18 (19)	112.00801 Secs X 15 (1680.12 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	[2]
	5	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HAT-18 (19)	89.661971 Secs (89.662 Secs) [==>]	[2]

Proposal 14260 - HAT-18 (19) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

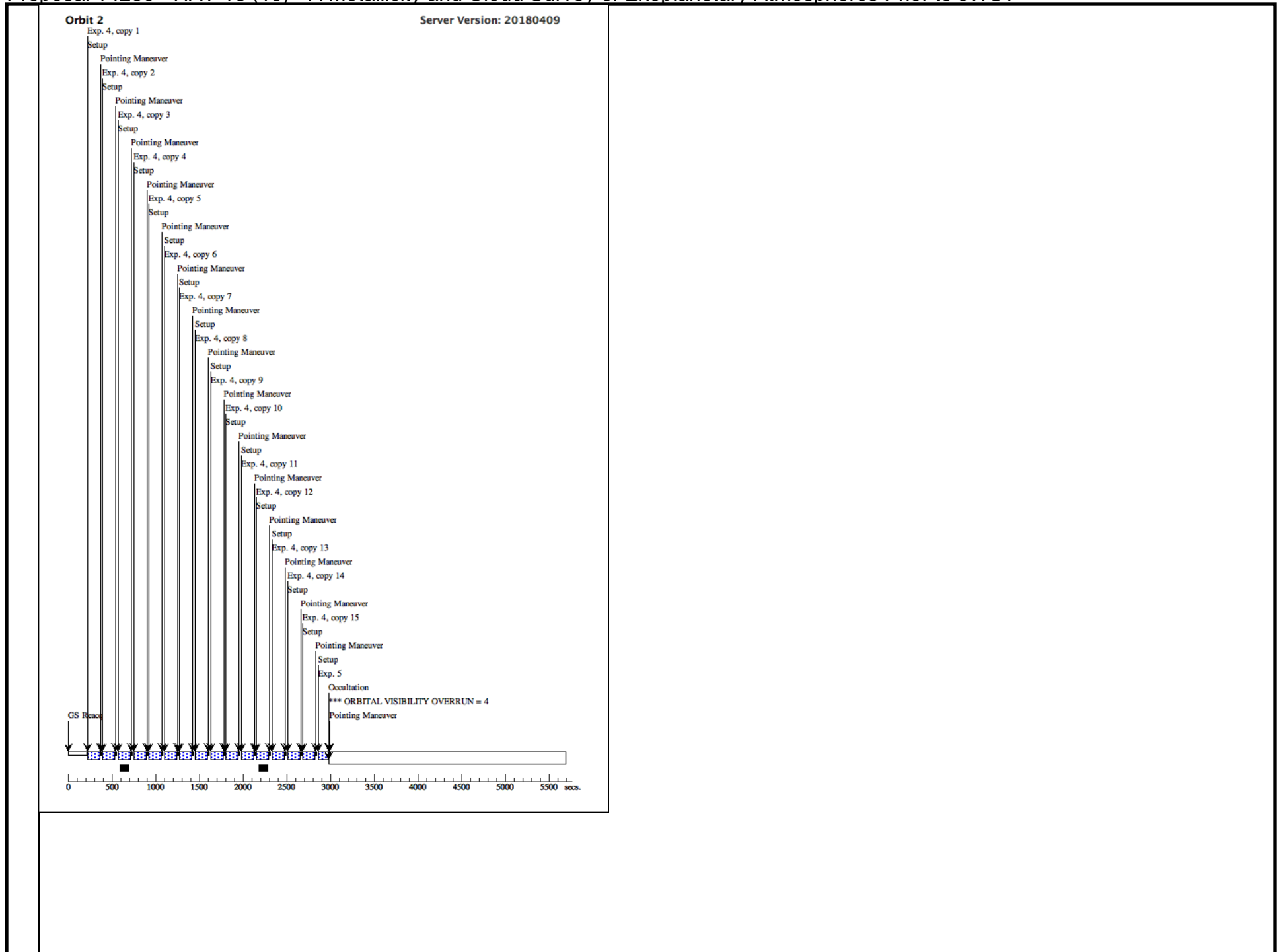
6	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 6-7 Non-Int in HAT-18 (19)	112.00801 Secs X 15 (1680.12 Secs)	[3]
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7	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 6-7 Non-Int in HAT-18 (19)	89.661971 Secs (89.662 Secs)	[3]
							[==>]	
8	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HAT-18 (19)	112.00801 Secs X 15 (1680.12 Secs)	[4]
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9	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HAT-18 (19)	89.661971 Secs (89.662 Secs)	[4]
							[==>]	

Proposal 14260 - HAT-18 (19) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

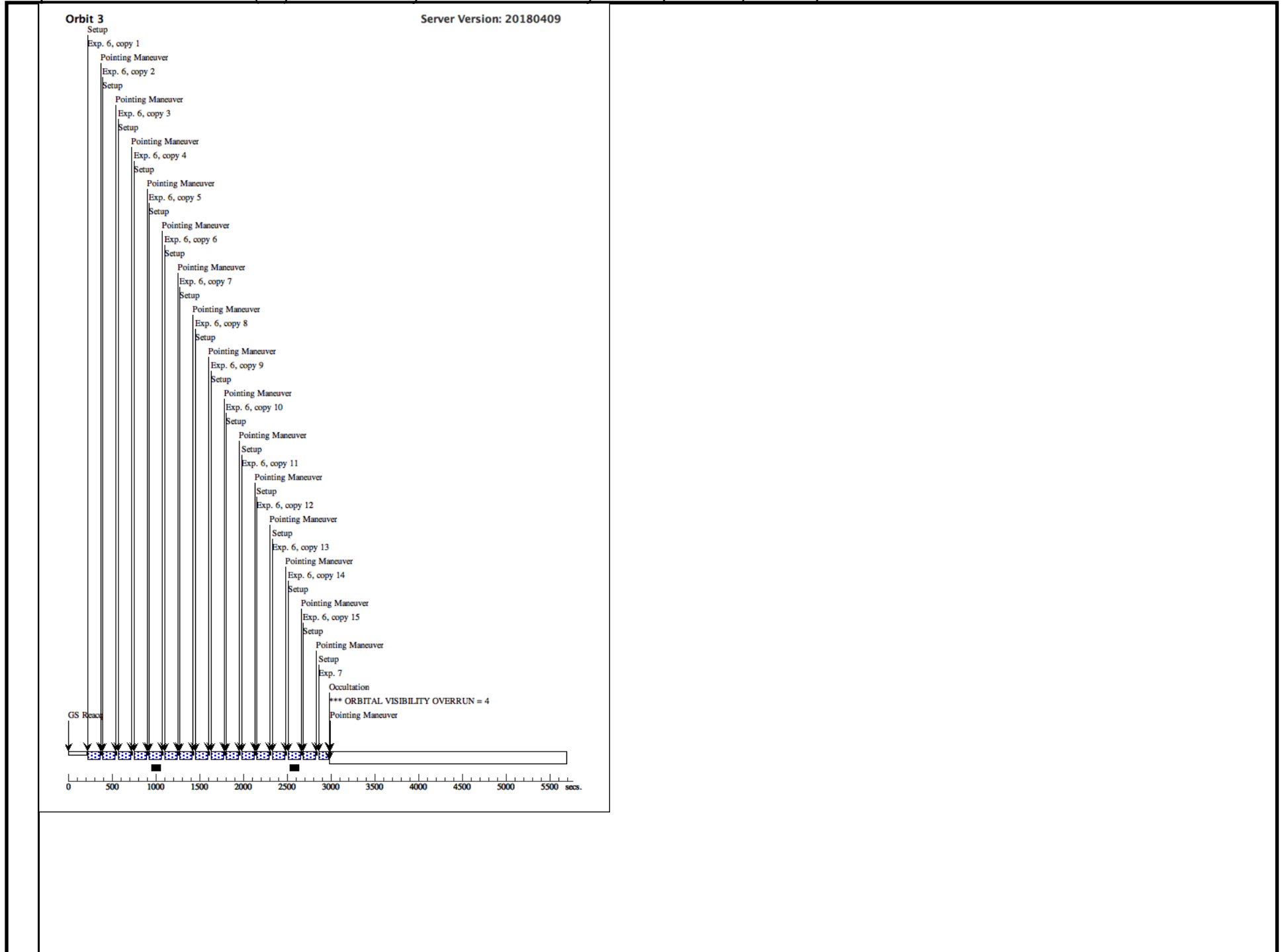
10	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forw ard	Sequence 10-11 Non -Int in HAT-18 (19)	112.00801 Secs X 15 (1680.12 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	[5]
11	(14) HAT-P-18	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=5	POS TARG 0.0,-12; SPATIAL SCAN 0.0 3,90.0 Degrees,Forw ard	Sequence 10-11 Non -Int in HAT-18 (19)	89.661971 Secs (89.662 Secs) [==>]	[5]



Proposal 14260 - HAT-18 (19) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



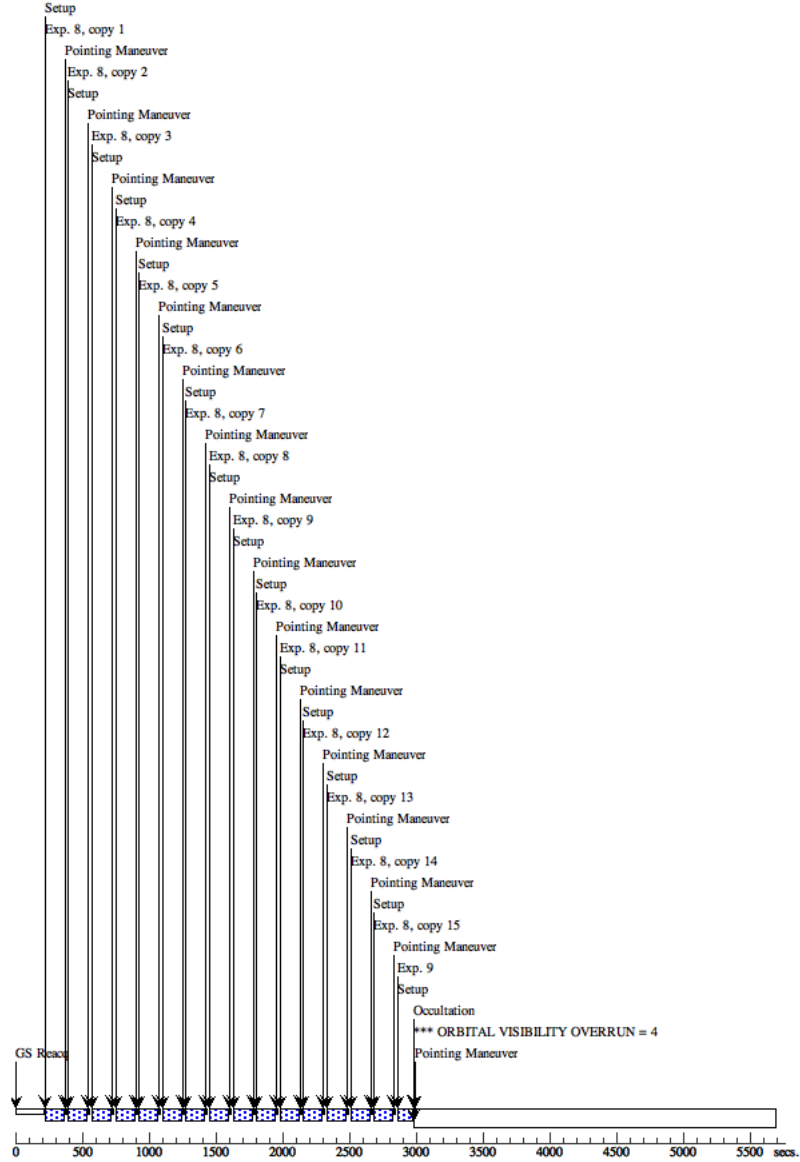
Proposal 14260 - HAT-18 (19) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



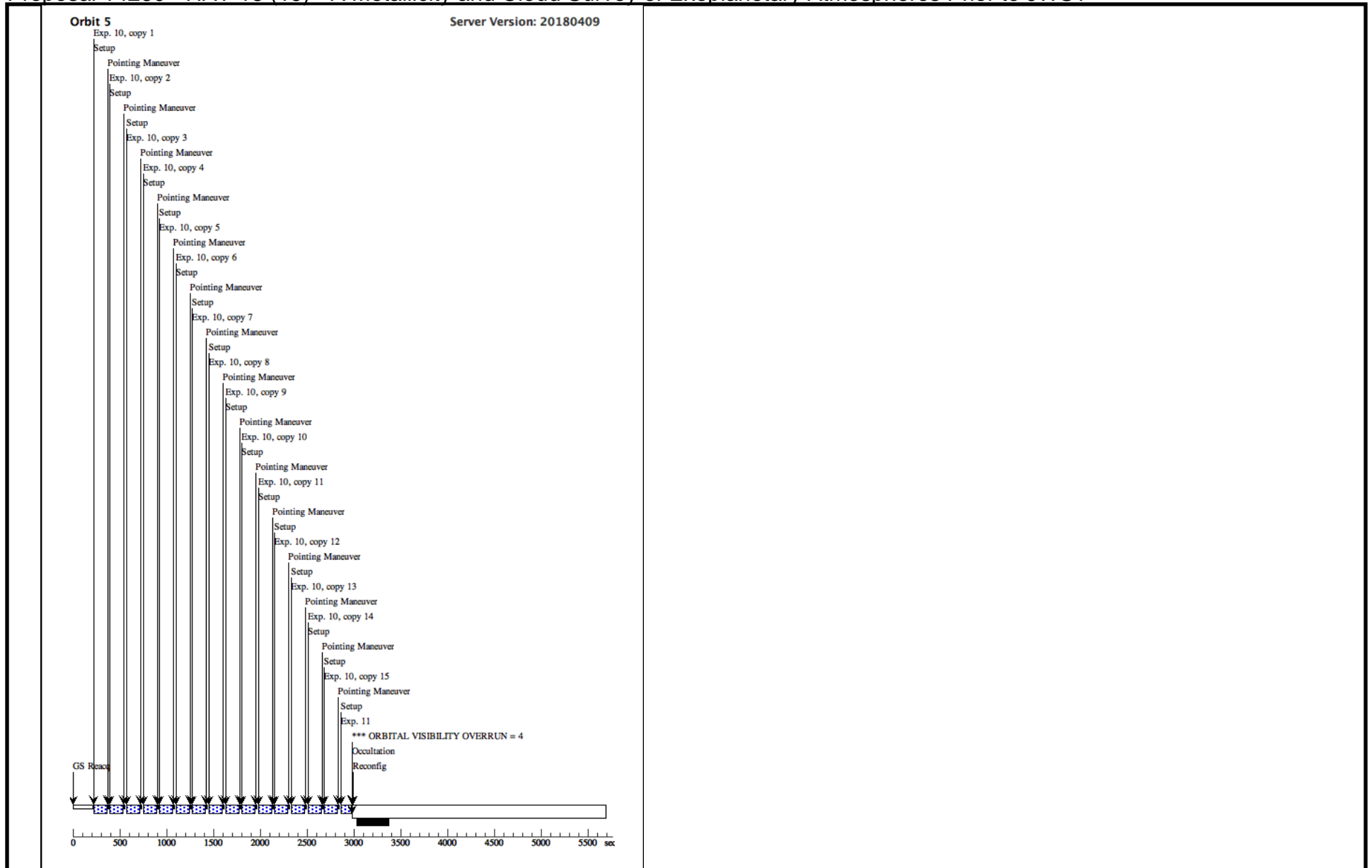
Proposal 14260 - HAT-18 (19) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Orbit 4

Server Version: 20180409



Proposal 14260 - HAT-18 (19) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-26 (20) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, HAT-26 (20), completed Mon Jul 09 22:09:31 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 4.234516 D AND ZERO-PHASE HJD2455304.65122					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(15)		HAT-P-26	RA: 14 12 37.5000 (213.1562500d) Dec: +04 03 36.10 (4.06003d) Equinox: J2000	Proper Motion RA: +39.1 mas/yr Proper Motion Dec: -144.3 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=11.76	Reference Frame: SIMBAD
<i>Comments:</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM]						

Proposal 14260 - HAT-26 (20) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

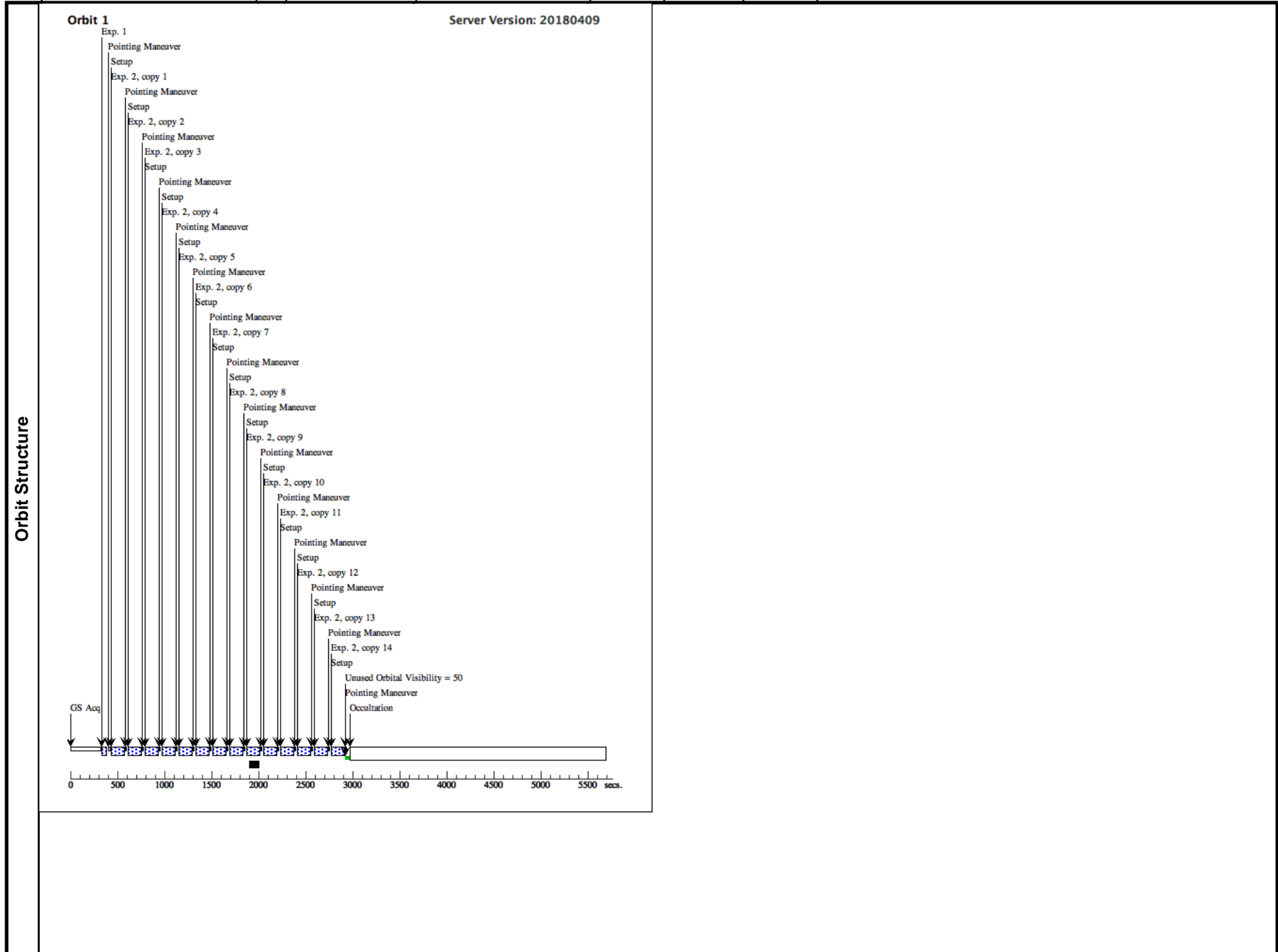
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(15) HAT-P-26	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9548 TO 0.9612	Sequence 1-2 Non-Int in HAT-26 (20)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(15) HAT-P-26	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 1-2 Non-Int in HAT-26 (20)	112.00801 Secs X 14 (1568.112 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[1]
	3	(15) HAT-P-26	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 3-3 Non-Int in HAT-26 (20)	112.00801 Secs X 15 (1680.12 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	[2]

Proposal 14260 - HAT-26 (20) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

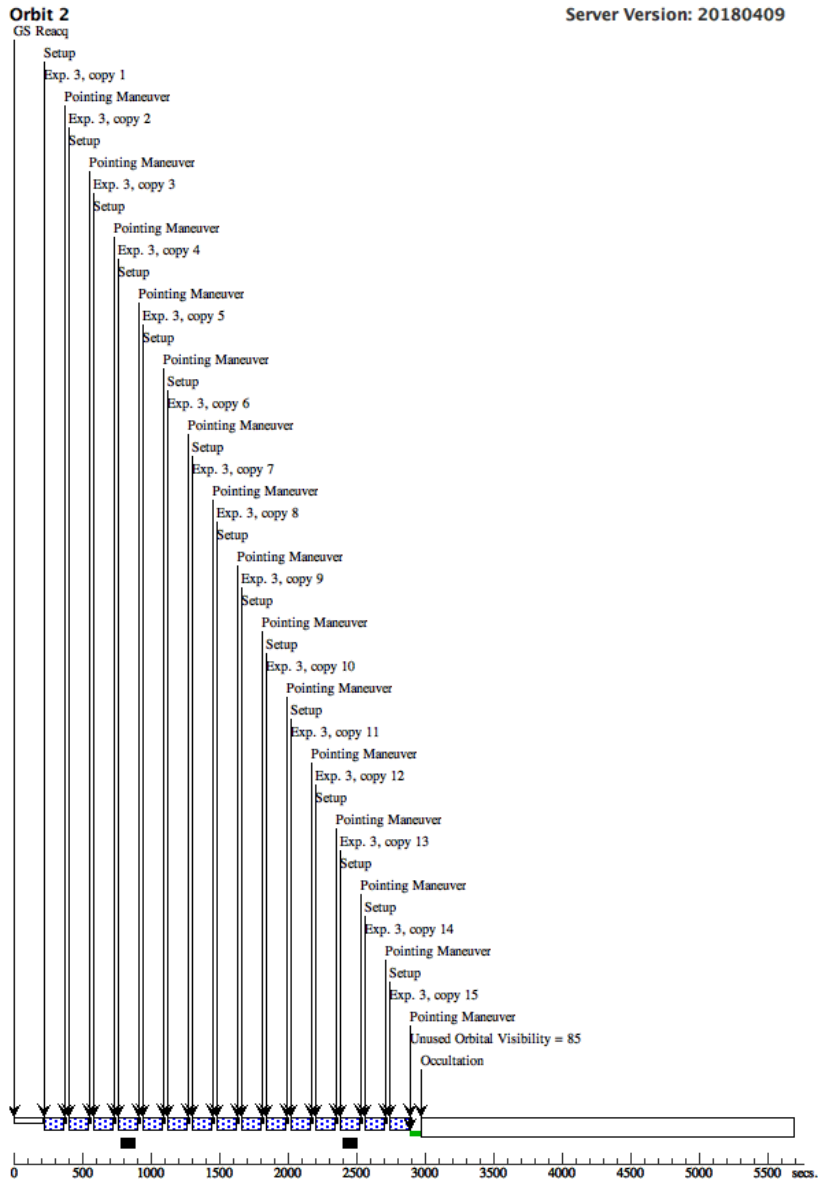
4	(15) HAT-P-26	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 4-4 Non-Int in HAT-26 (20)	112.00801 Secs X 15 (1680.12 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)] [=>(Copy 6)] [=>(Copy 7)] [=>(Copy 8)] [=>(Copy 9)] [=>(Copy 10)] [=>(Copy 11)] [=>(Copy 12)] [=>(Copy 13)] [=>(Copy 14)] [=>(Copy 15)]	[3]
5	(15) HAT-P-26	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 5-5 Non-Int in HAT-26 (20)	112.00801 Secs X 15 (1680.12 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)] [=>(Copy 6)] [=>(Copy 7)] [=>(Copy 8)] [=>(Copy 9)] [=>(Copy 10)] [=>(Copy 11)] [=>(Copy 12)] [=>(Copy 13)] [=>(Copy 14)] [=>(Copy 15)]	[4]

Proposal 14260 - HAT-26 (20) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

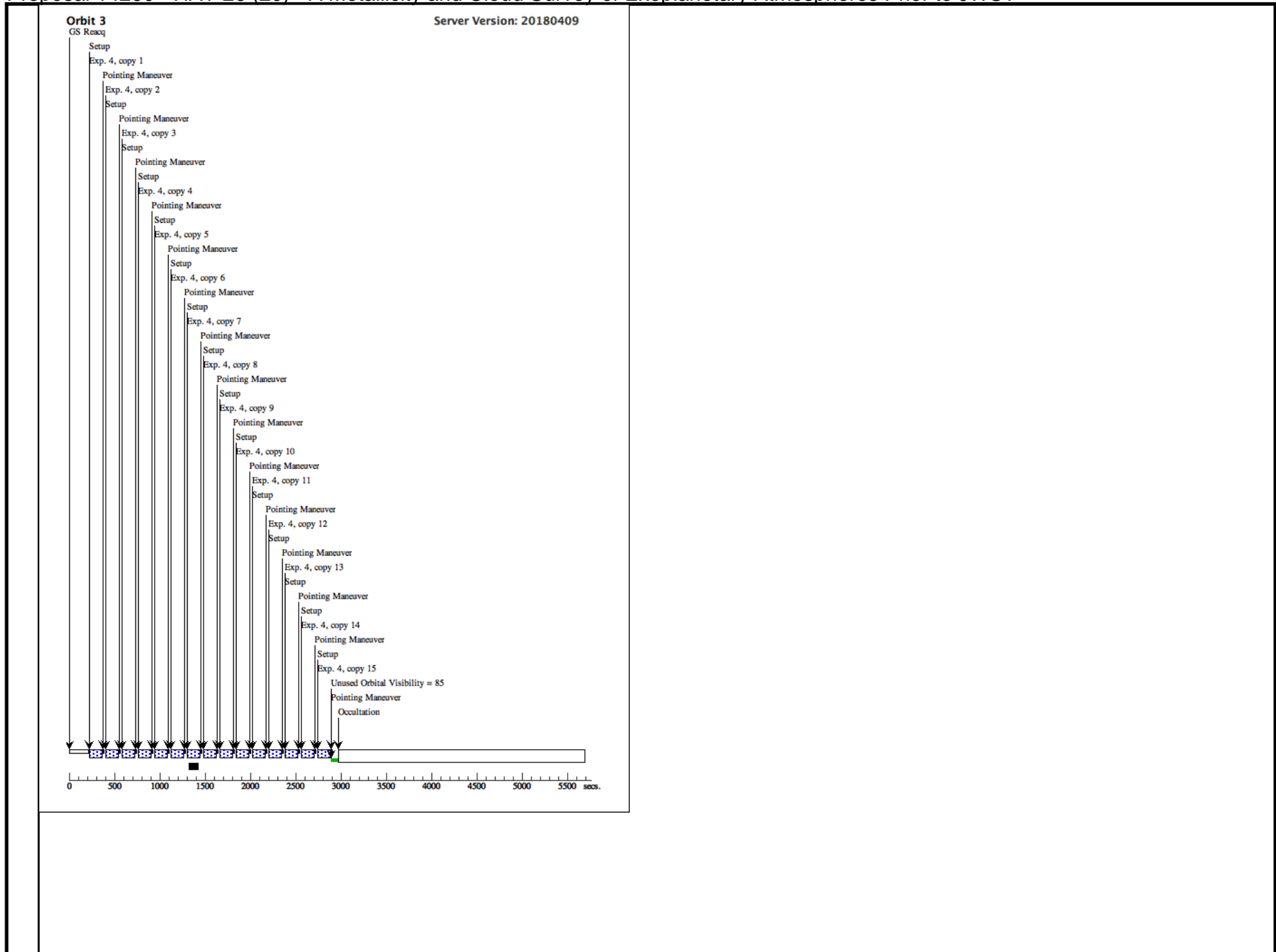
6	(15) HAT-P-26	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 6-6 Non-Int in HAT-26 (20) 112.00801 Secs X 15 (1680.12 Secs)	[5]	
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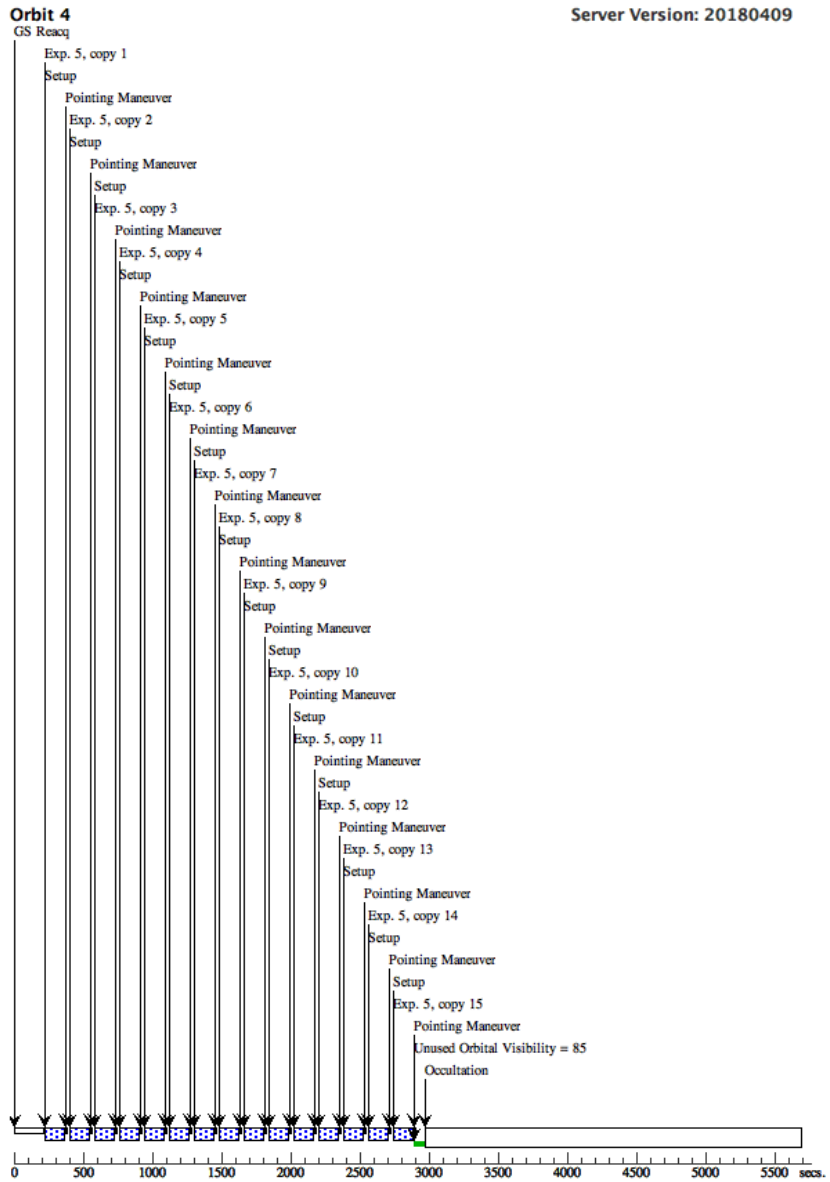
Proposal 14260 - HAT-26 (20) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



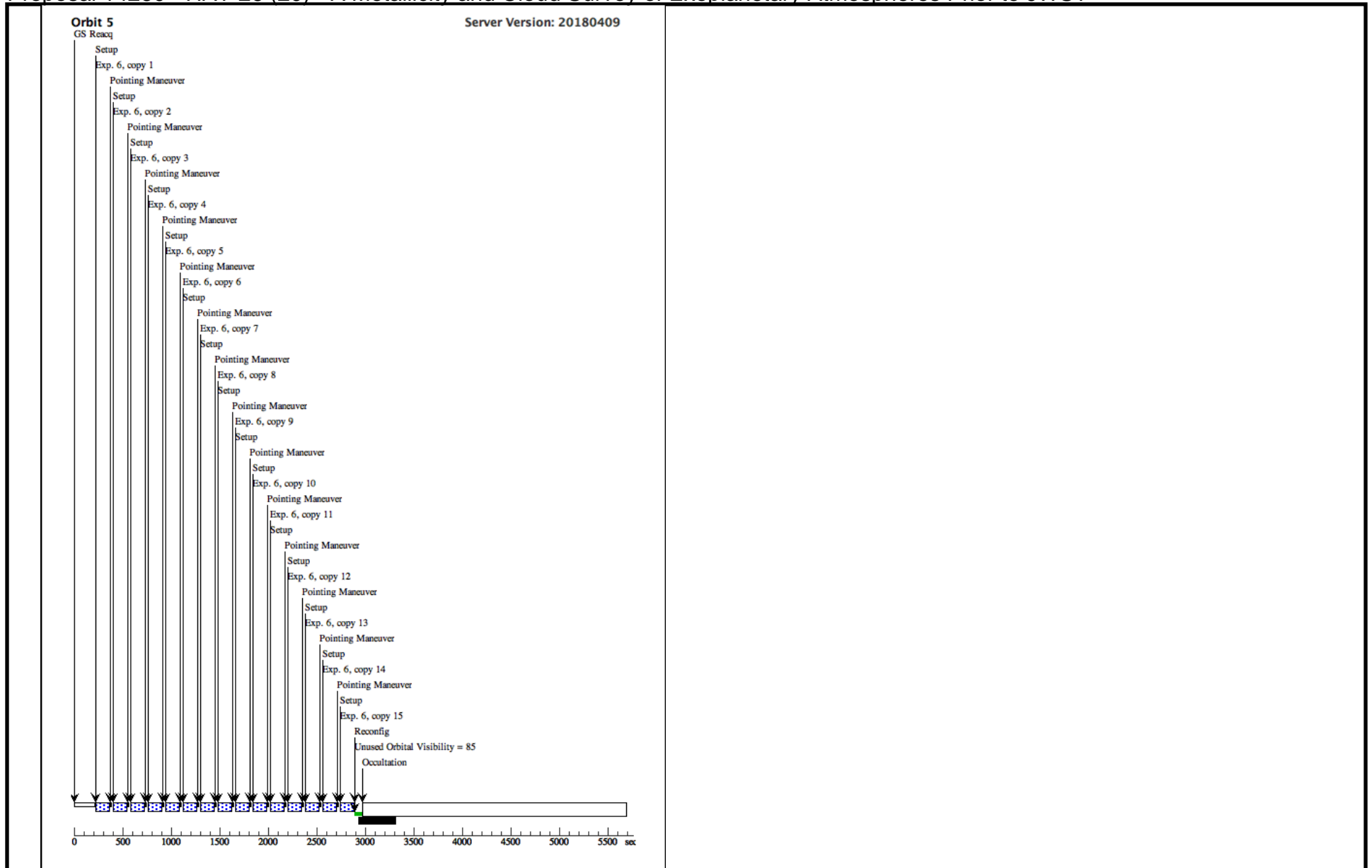
Proposal 14260 - HAT-26 (20) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-26 (20) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-26 (20) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-26 (21) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, HAT-26 (21), completed Mon Jul 09 22:09:31 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 4.234516 D AND ZERO-PHASE HJD2455304.65122					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(15)		HAT-P-26	RA: 14 12 37.5000 (213.1562500d) Dec: +04 03 36.10 (4.06003d) Equinox: J2000	Proper Motion RA: +39.1 mas/yr Proper Motion Dec: -144.3 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=11.76	Reference Frame: SIMBAD
<i>Comments:</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM]						

Proposal 14260 - HAT-26 (21) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

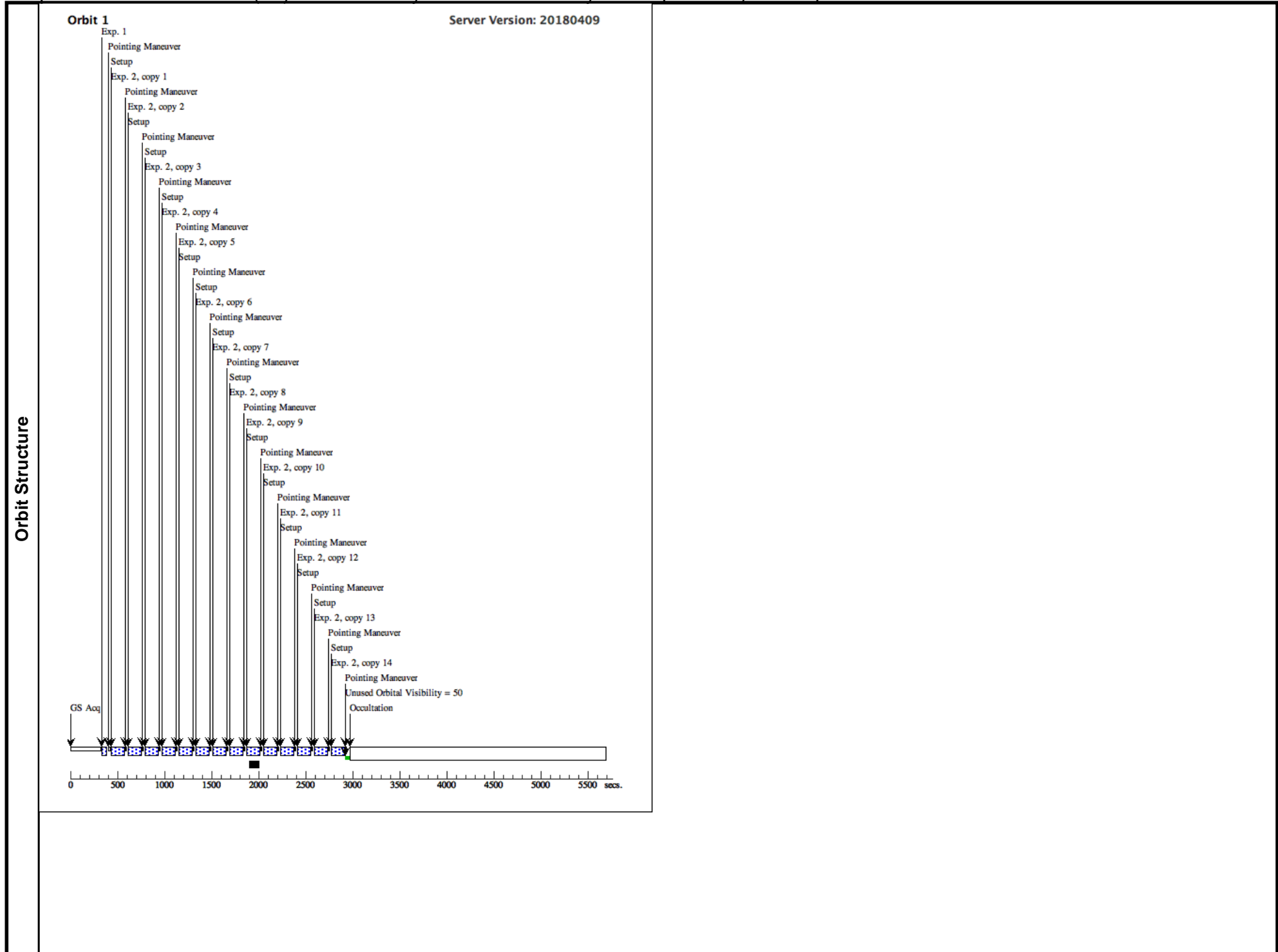
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(15) HAT-P-26	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9548 TO 0.9612	Sequence 1-2 Non-Int in HAT-26 (21)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(15) HAT-P-26	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 1-2 Non-Int in HAT-26 (21)	112.00801 Secs X 14 (1568.112 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)]	[1]
	3	(15) HAT-P-26	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 3-3 Non-Int in HAT-26 (21)	112.00801 Secs X 15 (1680.12 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)]	[2]

Proposal 14260 - HAT-26 (21) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

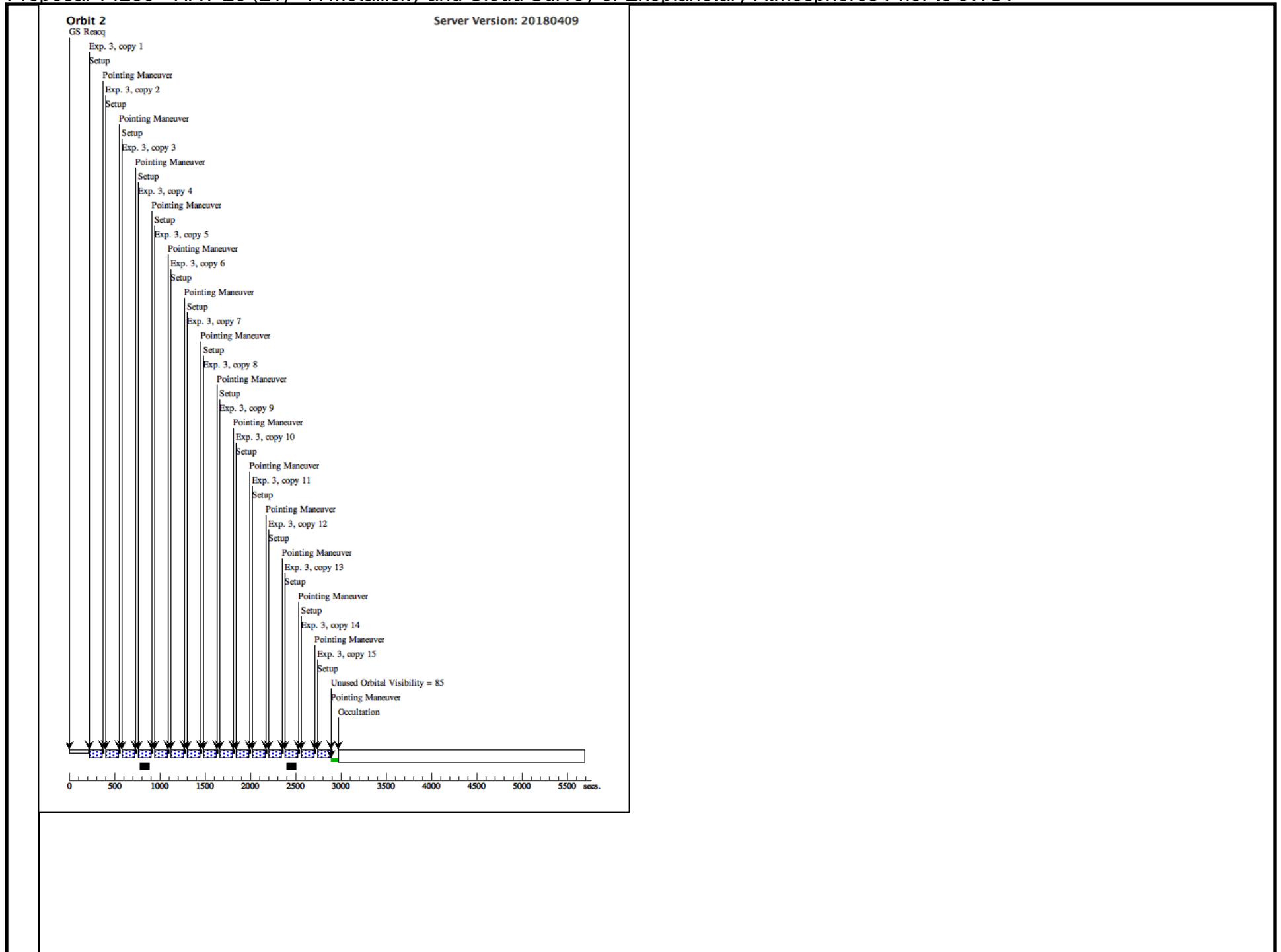
4	(15) HAT-P-26	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 4-4 Non-Int in HAT-26 (21)	112.00801 Secs X 15 (1680.12 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)] [=>(Copy 6)] [=>(Copy 7)] [=>(Copy 8)] [=>(Copy 9)] [=>(Copy 10)] [=>(Copy 11)] [=>(Copy 12)] [=>(Copy 13)] [=>(Copy 14)] [=>(Copy 15)]	[3]
5	(15) HAT-P-26	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 5-5 Non-Int in HAT-26 (21)	112.00801 Secs X 15 (1680.12 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)] [=>(Copy 6)] [=>(Copy 7)] [=>(Copy 8)] [=>(Copy 9)] [=>(Copy 10)] [=>(Copy 11)] [=>(Copy 12)] [=>(Copy 13)] [=>(Copy 14)] [=>(Copy 15)]	[4]

Proposal 14260 - HAT-26 (21) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

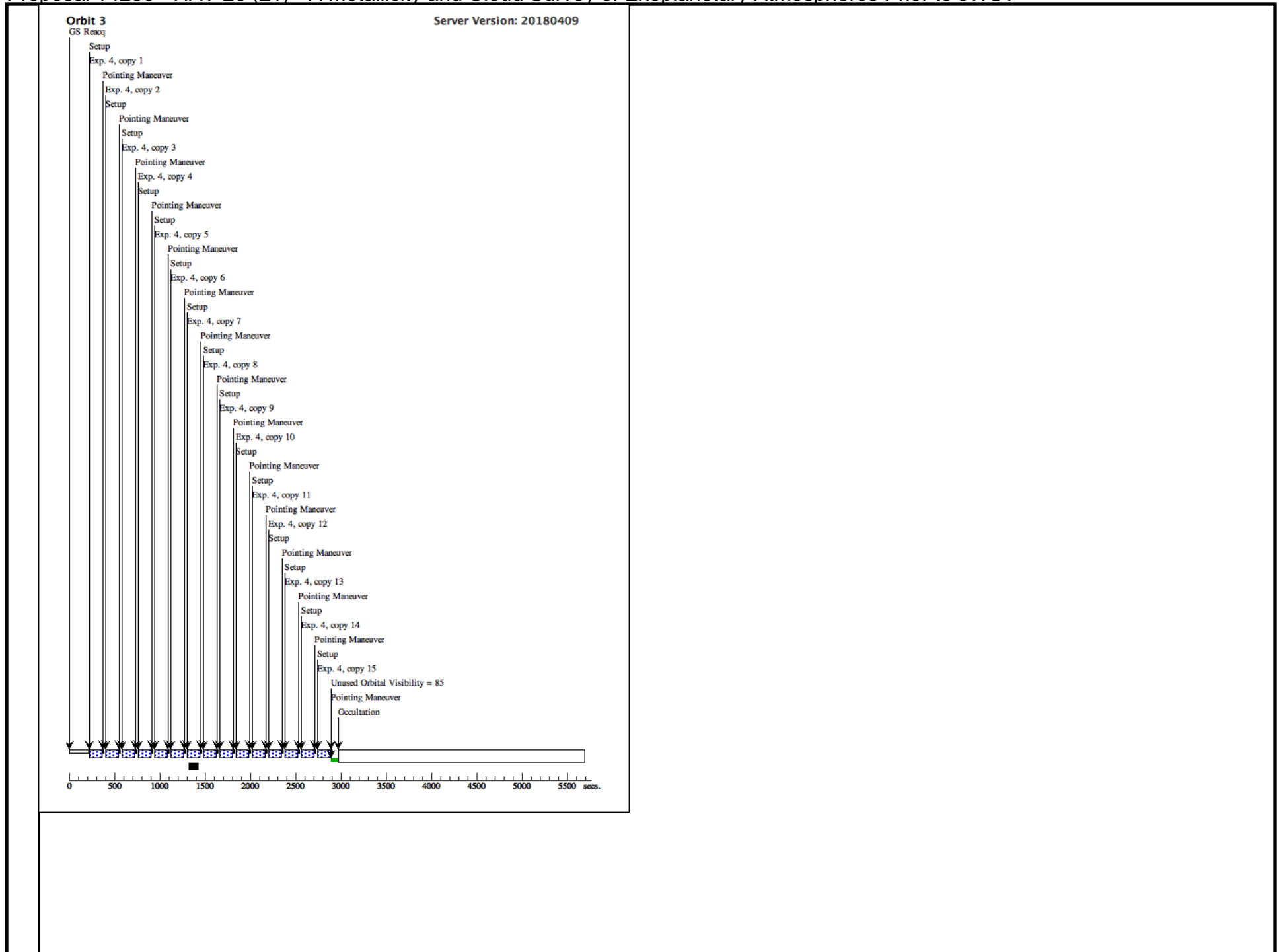
6	(15) HAT-P-26	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=6	POS TARG 0.0,-12; SPATIAL SCAN 0.0 6,90.0 Degrees,Forw ard	Sequence 6-6 Non-Int in HAT-26 (21)	112.00801 Secs X 15 (1680.12 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)] [=>(Copy 6)] [=>(Copy 7)] [=>(Copy 8)] [=>(Copy 9)] [=>(Copy 10)] [=>(Copy 11)] [=>(Copy 12)] [=>(Copy 13)] [=>(Copy 14)] [=>(Copy 15)]	[5]
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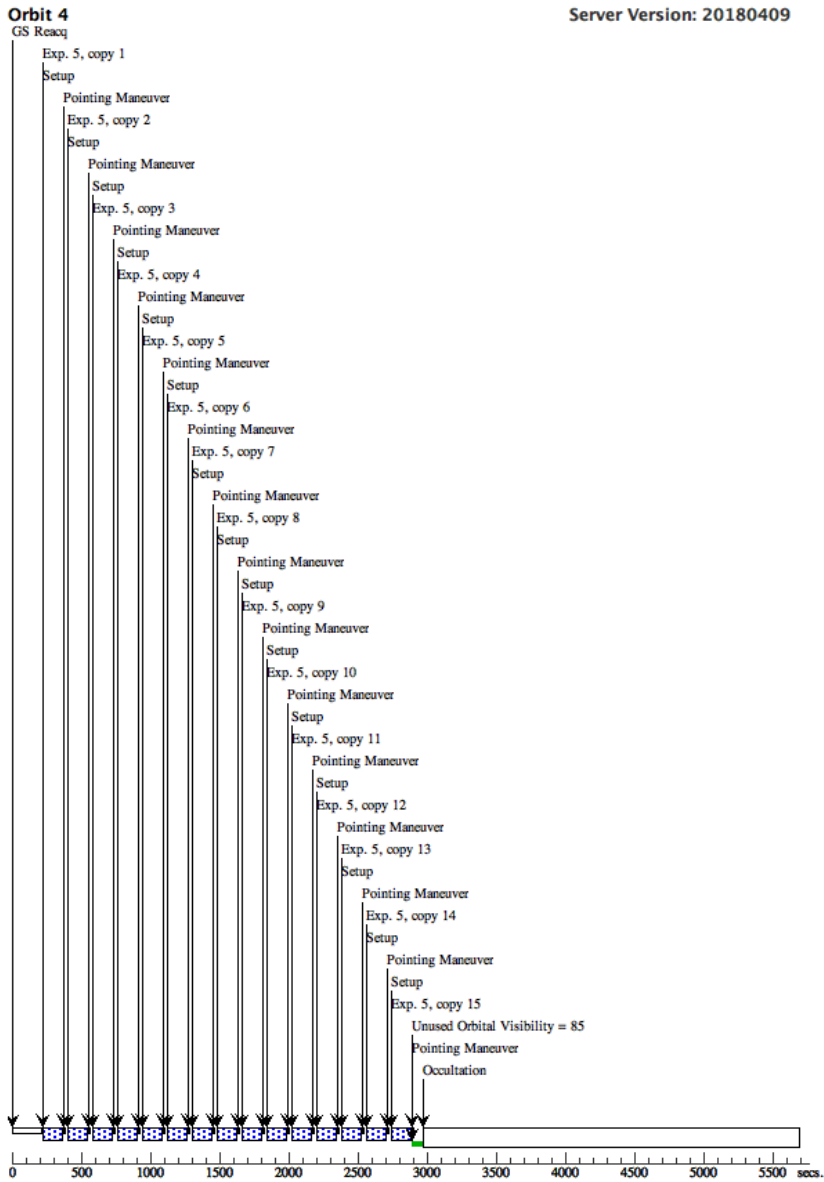
Proposal 14260 - HAT-26 (21) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



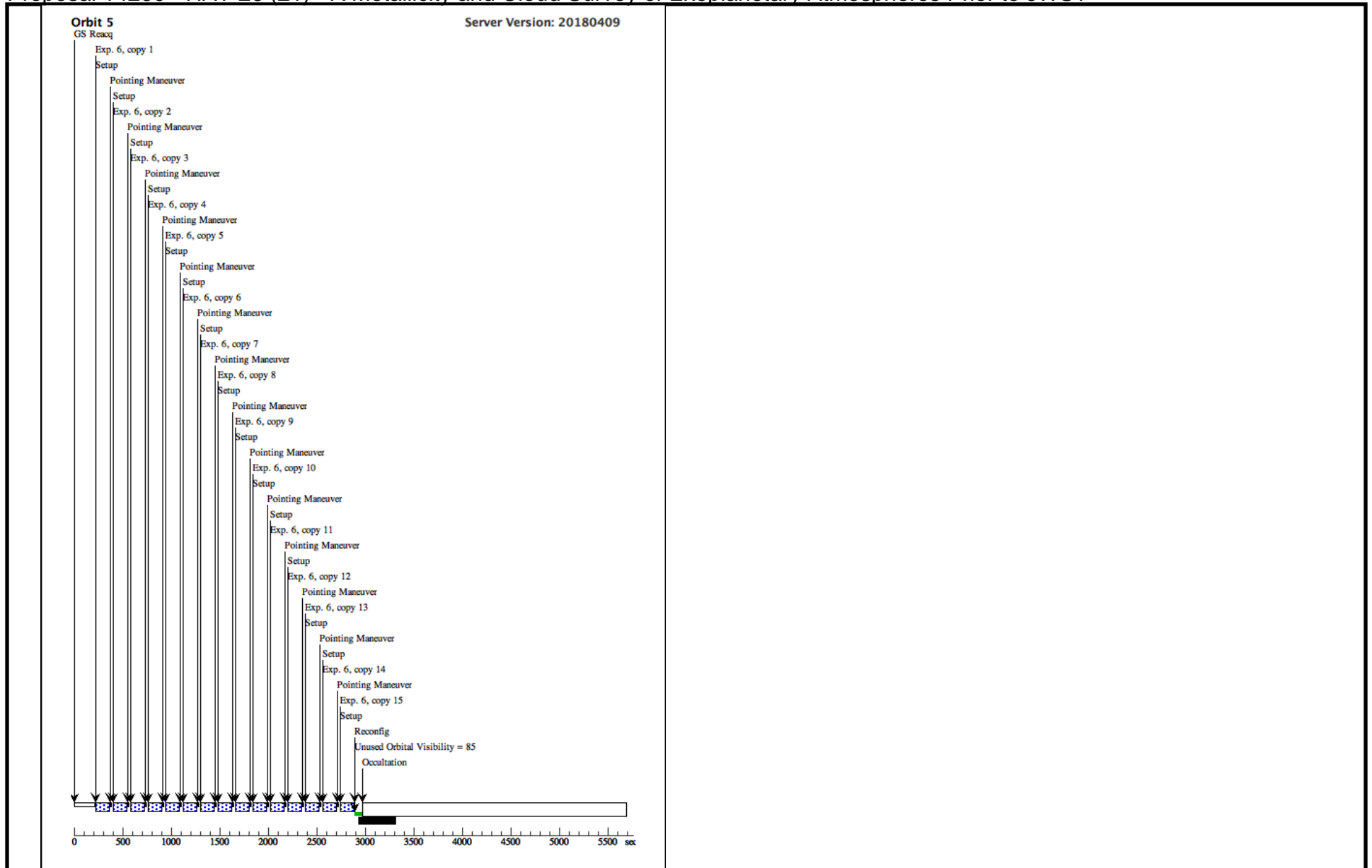
Proposal 14260 - HAT-26 (21) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-26 (21) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HAT-26 (21) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST



Proposal 14260 - HATS-7 (22) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

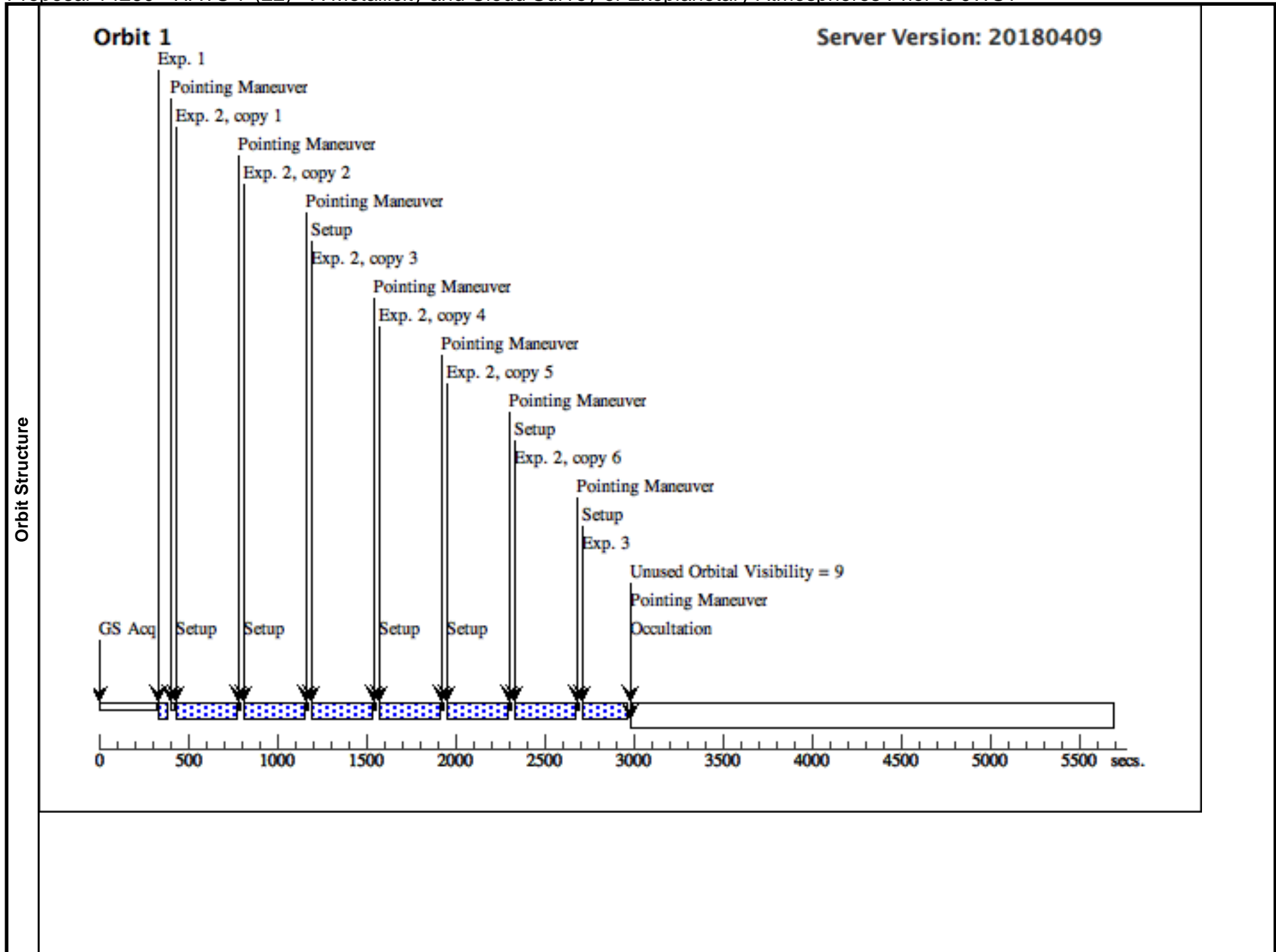
Visit	Proposal 14260, HATS-7 (22), completed Mon Jul 09 22:09:31 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 3.1853150 D AND ZERO-PHASE HJD2456528.29689					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(17)		HATS-7	RA: 13 55 25.6800 (208.8570000d) Dec: -21 12 27.70 (-21.20769d) Equinox: J2000	Proper Motion RA: -43.3 mas/yr Proper Motion Dec: -37.2 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=13.34	Reference Frame: ICRS
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO						

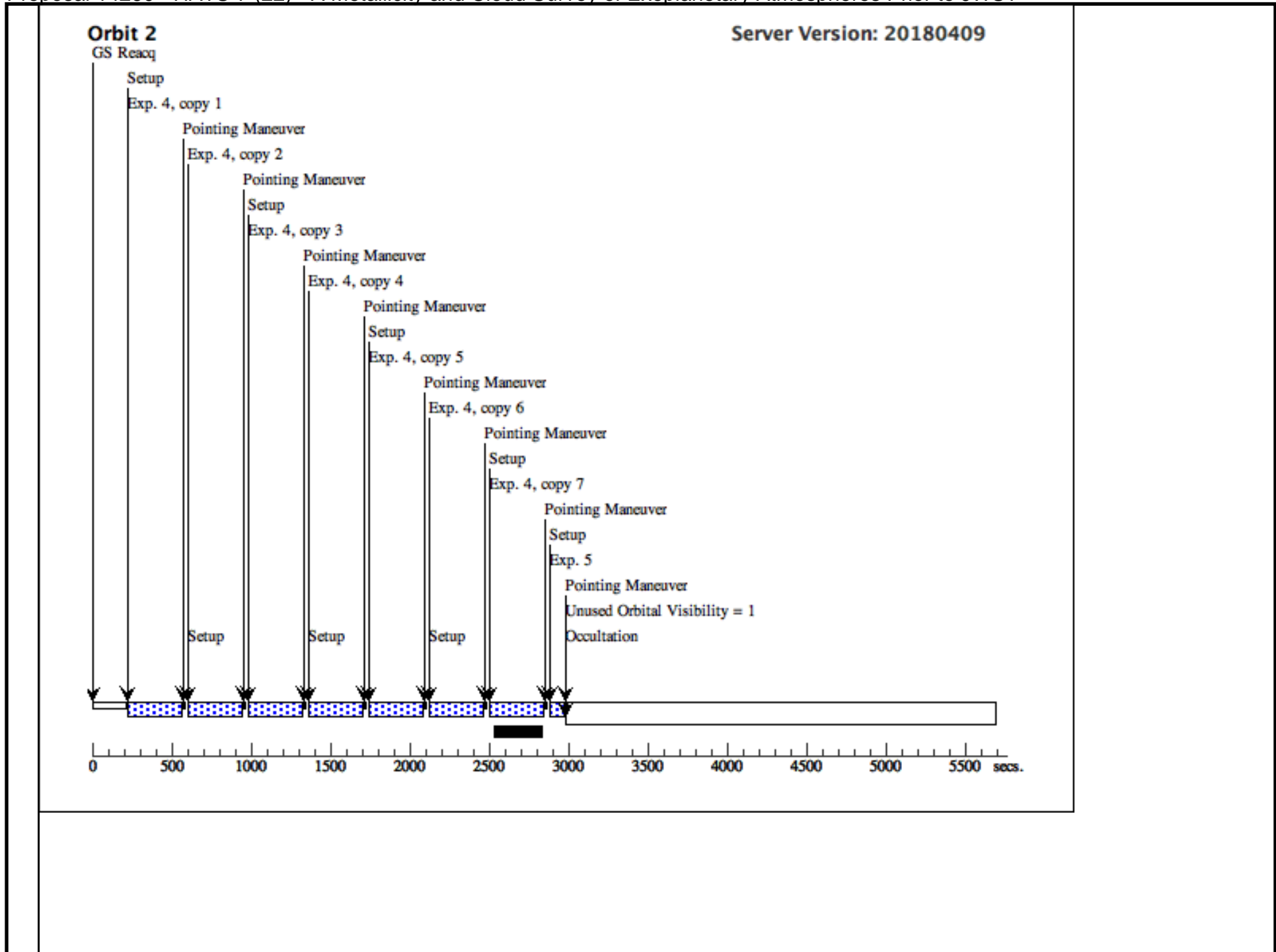
Proposal 14260 - HATS-7 (22) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(17) HATS-7	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9380 TO 0.9480	Sequence 1-3 Non-Int in HATS-7 (22)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=15	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HATS-7 (22)	313.122361 Secs X 6 (1878.734 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)]	[1]
	3	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=11	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HATS-7 (22)	223.738205 Secs (223.738 Secs) [==>]	[1]
	4	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=15	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HATS-7 (22)	313.122361 Secs X 7 (2191.857 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[2]
	5	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HATS-7 (22)	67.315932 Secs (67.316 Secs) [==>]	[2]
	6	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=15	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 6-7 Non-Int in HATS-7 (22)	313.122361 Secs X 7 (2191.857 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[3]
	7	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 6-7 Non-Int in HATS-7 (22)	67.315932 Secs (67.316 Secs) [==>]	[3]

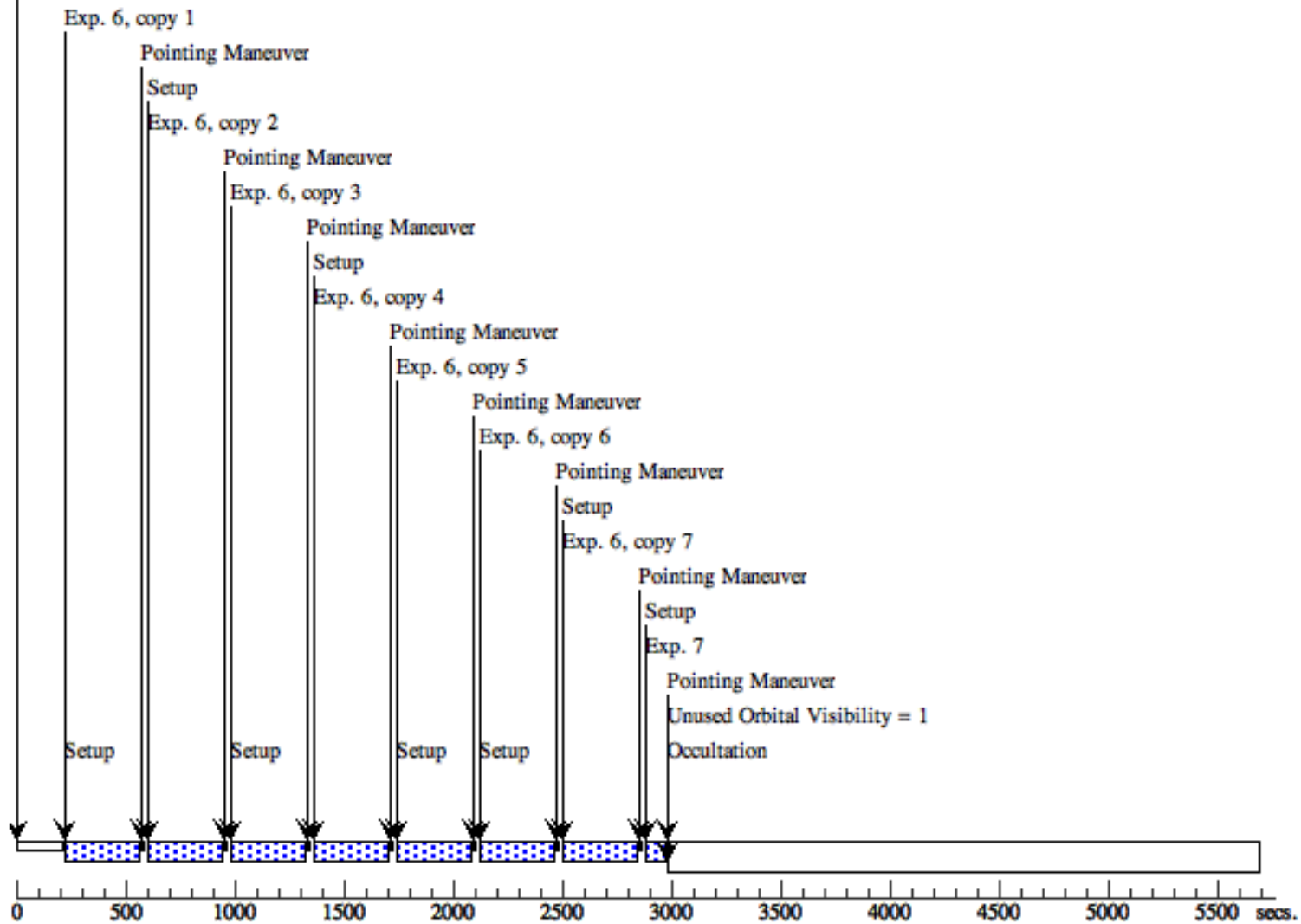
Proposal 14260 - HATS-7 (22) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

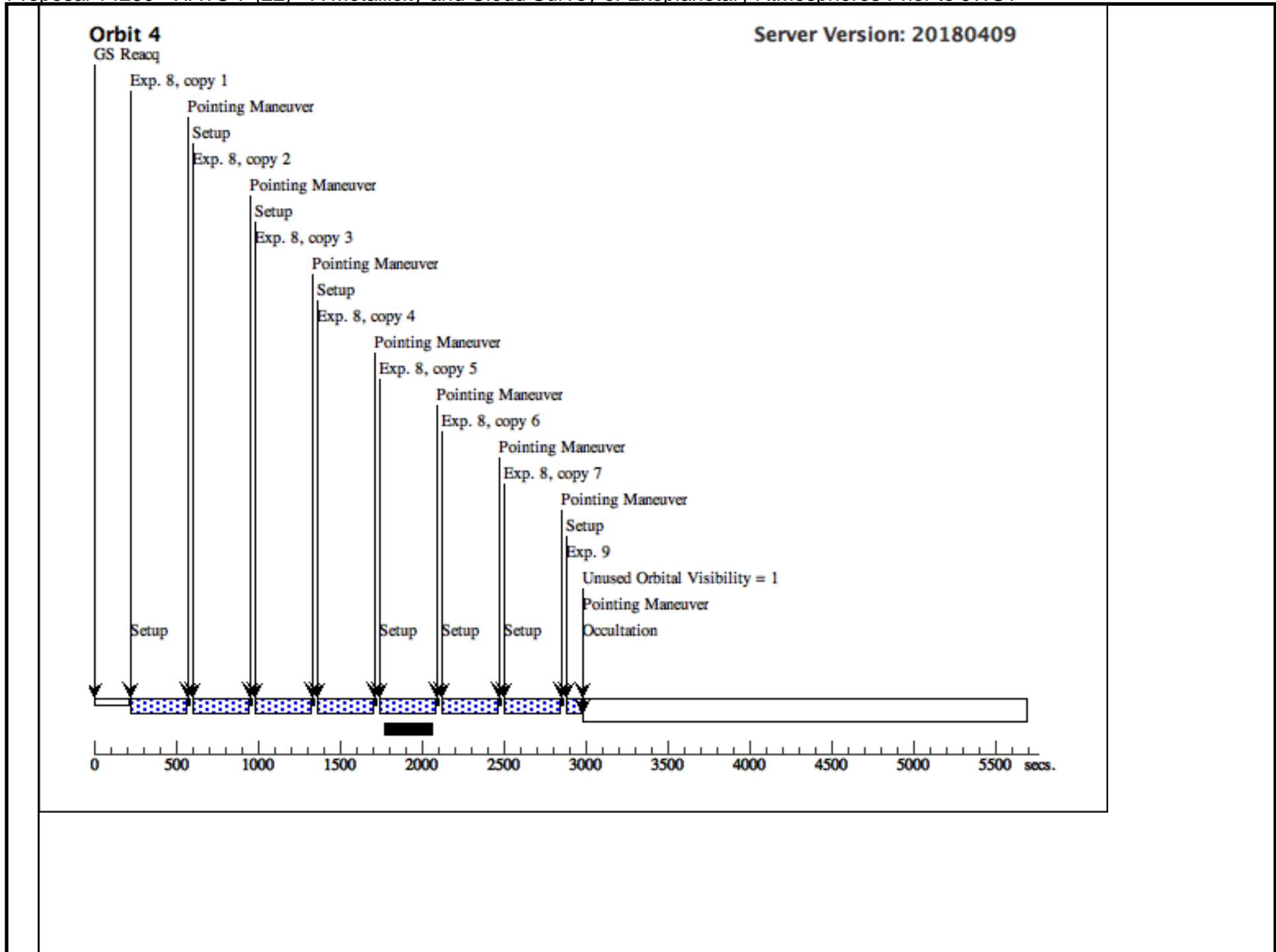
8	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=15	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HATS-7 (22)	313.122361 Secs X 7 (2191.857 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	
9	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HATS-7 (22)	67.315932 Secs (67.316 Secs)	[4]
							[==>]	
10	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=15	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 10-11 Non-Int in HATS-7 (22)	313.122361 Secs X 7 (2191.857 Secs)	[5]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	
11	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 10-11 Non-Int in HATS-7 (22)	67.315932 Secs (67.316 Secs)	[5]
							[==>]	

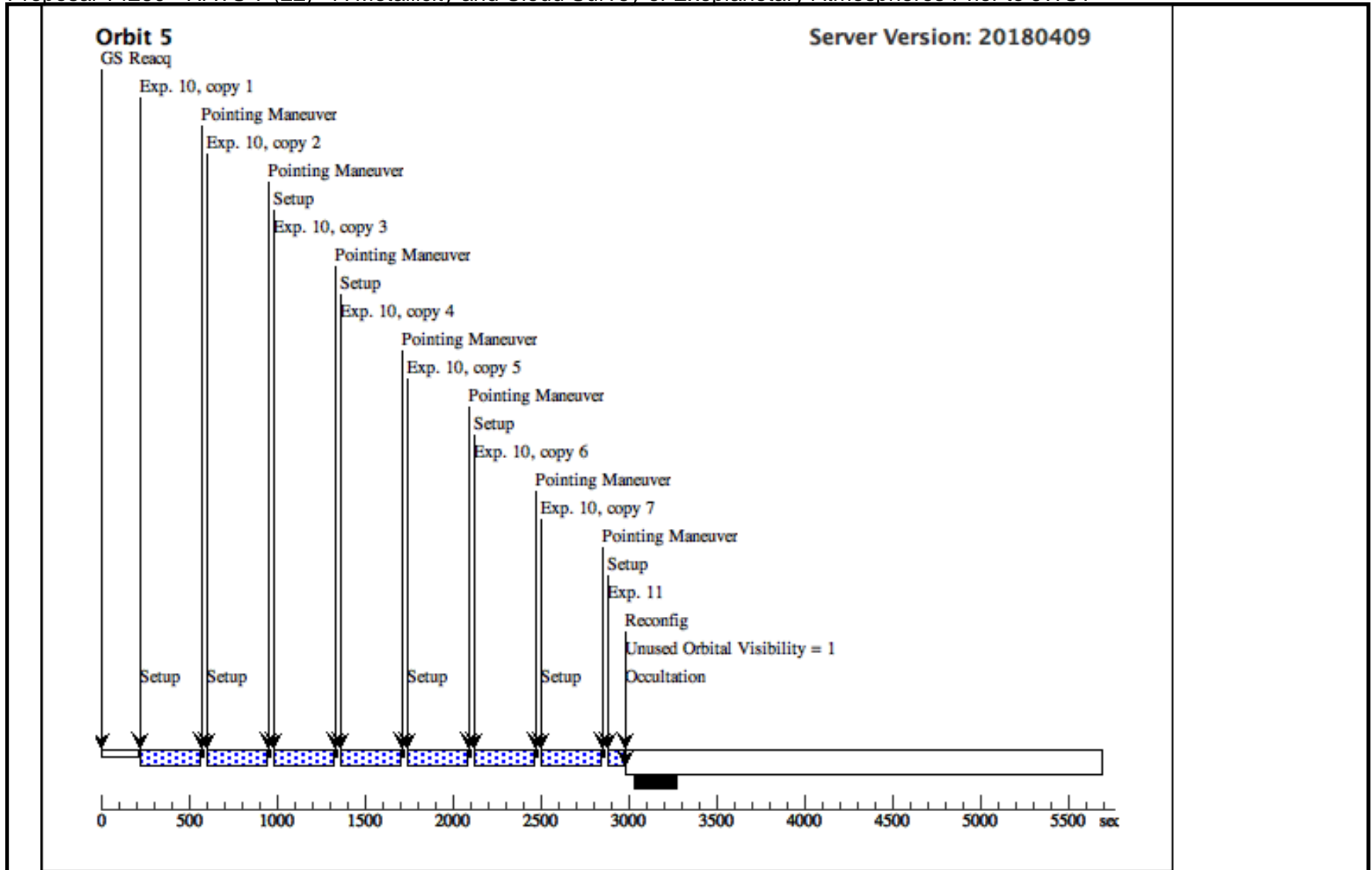




Orbit 3
GS Reacq







Proposal 14260 - HATS-7 (23) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

Visit	Proposal 14260, HATS-7 (23), completed Mon Jul 09 22:09:31 GMT 2018 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 3.1853150 D AND ZERO-PHASE HJD2456528.29689					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(17)		HATS-7	RA: 13 55 25.6800 (208.8570000d) Dec: -21 12 27.70 (-21.20769d) Equinox: J2000	Proper Motion RA: -43.3 mas/yr Proper Motion Dec: -37.2 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	V=13.34	Reference Frame: ICRS
Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM] Extended=NO						

Proposal 14260 - HATS-7 (23) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(17) HATS-7	WFC3/IR, MULTIACCUM, IRSUB256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9380 TO 0.9480	Sequence 1-3 Non-Int in HATS-7 (23)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=15	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HATS-7 (23)	313.122361 Secs X 6 (1878.734 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)]	[1]
	3	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=11	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HATS-7 (23)	223.738205 Secs (223.738 Secs) [==>]	[1]
	4	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=15	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HATS-7 (23)	313.122361 Secs X 7 (2191.857 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[2]
	5	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 4-5 Non-Int in HATS-7 (23)	67.315932 Secs (67.316 Secs) [==>]	[2]
	6	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=15	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 6-7 Non-Int in HATS-7 (23)	313.122361 Secs X 7 (2191.857 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	[3]
	7	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 6-7 Non-Int in HATS-7 (23)	67.315932 Secs (67.316 Secs) [==>]	[3]

Proposal 14260 - HATS-7 (23) - A Metallicity and Cloud Survey of Exoplanetary Atmospheres Prior to JWST

8	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=15	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HATS-7 (23)	313.122361 Secs X 7 (2191.857 Secs)	[4]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)]	
9	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 8-9 Non-Int in HATS-7 (23)	67.315932 Secs (67.316 Secs)	[4]
							[==>]	
10	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=15	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 10-11 Non-Int in HATS-7 (23)	313.122361 Secs X 7 (2191.857 Secs)	[5]
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11	(17) HATS-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG 0.0,-12; SPATIAL SCAN 0.0 2,90.0 Degrees,Forward	Sequence 10-11 Non-Int in HATS-7 (23)	67.315932 Secs (67.316 Secs)	[5]
							[==>]	

