



15849 - Host galaxy properties of $z \sim 0.5$ AGN with direct reverberation mapping black hole masses

Cycle: 27, 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) RM776	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:00:24.0	yes
51	(1) RM776	WFC3/IR	1	18-Dec-2020 07:00:27.0	yes
02	(2) RM779	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:00:30.0	yes
03	(3) RM790	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:00:33.0	yes

Proposal 15849 (STScI Edit Number: 9, Created: Friday, December 18, 2020 at 7:02:08 AM Eastern Standard Time) - 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	(4) RM840	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:00:37.0	yes
54	(4) RM840	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:00:40.0	yes
05	(5) RM772	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:00:44.0	yes
55	(5) RM772	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:00:47.0	yes
57	(5) RM772	WFC3/UVIS	1	18-Dec-2020 07:00:48.0	yes
06	(6) RM781	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:00:51.0	yes
07	(7) RM160	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:00:54.0	yes
08	(8) RM782	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:00:57.0	yes
09	(9) RM338	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:00.0	yes
10	(10) RM191	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:03.0	yes
11	(11) RM017	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:07.0	yes
52	(11) RM017	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:10.0	yes
12	(12) RM720	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:13.0	yes
13	(13) RM371	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:16.0	yes

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<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>
14	(14) RM645	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:19.0	yes
15	(15) RM177	WFC3/IR	1	18-Dec-2020 07:01:22.0	yes
16	(16) RM305	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:25.0	yes
17	(17) RM301	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:28.0	yes
18	(18) RM622	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:31.0	yes
19	(19) RM267	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:34.0	yes
20	(20) RM392	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:37.0	yes
56	(20) RM392	WFC3/UVIS	1	18-Dec-2020 07:01:38.0	yes
21	(21) RM300	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:41.0	yes
22	(22) RM634	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:44.0	yes
23	(23) RM601	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:47.0	yes
24	(24) RM316	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:50.0	yes
25	(25) RM551	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:53.0	yes
26	(26) RM033	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:01:56.0	yes
53	(26) RM033	WFC3/IR	1	18-Dec-2020 07:01:59.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
27	(27) RM265	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:02:02.0	yes
28	(28) RM589	WFC3/IR WFC3/UVIS	2	18-Dec-2020 07:02:05.0	yes
29	(29) EGGR-26	WFC3/IR WFC3/UVIS	1	18-Dec-2020 07:02:07.0	yes

66 Total Orbits Used

ABSTRACT

We propose WFC3 IR and UVIS (rest-frame optical) imaging for a unique sample of 28 $z=0.2-0.8$ (average $z\sim 0.5$) broad-line AGN with direct black hole (BH) mass measurements from reverberation mapping (RM) of the broad H β line. Combined with 9 AGN from a previous HST program, this sample represents the first large statistical sample of AGN with reliable RM BH masses far beyond the local universe. It will serve as the benchmark sample to calibrate the broad-line region size-luminosity relation and the correlations between BH mass and host properties at $z>0.3$.

OBSERVING DESCRIPTION

We will observe 28 science targets (1 visit per target). Each visit will have two orbits (one for WFC3-UVIS observation and one for WFC3-IR observation) except for RM 177, which only has one orbit in the IR channel. The 28 science targets are grouped together within a window of 7 days, along with one visit/orbit for a PSF star (EGGR-26). For the PSF star observation, the UVIS and IR observations are combined in a single orbit. This strategy is to facilitate PSF reconstruction for our science targets by observing the PSF star quasi-simultaneously. The total number of orbits is therefore 56. Note that all our science targets have similar RA/DEC, and thus have the same visibility window.

For the UVIS observations, we will use the 2k (2K2C) subarray with the F606W or F814W filter depending on target redshift, and the three-point line dither pattern. At each dither position we will take 2 sub-exposures (CR-SPLIT=2), totaling 6 sub-exposures to fill the orbit. The only exception is target RM776 (SDSS $r=18.437$) for which we will use 3 sub-exposures at each dither position, 168s each, to avoid saturation. Post flash is added to the shorter RM776 exposures according to APT's suggestion.

For the IR observations, we will use the 512 (SUB512) subarray with the F110W or F140W filter depending on target redshift, and the four-point box

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dither pattern. Two exposures are used: a STEP25 (NSAMPLE=10) sequence with 4 sub-exposures at each dither position (16 sub-exposures in total), and a SPARS25 (NSAMPLE=4) sequence with 1 sub-exposure at each dither position (4 sub-exposures in total). The two exposures will fill the IR orbit.

The PSF star observations use the same WFC3 configurations and dither patterns as for our science targets, but with different exposure times to avoid saturation. Post-flash is set for these relatively short UVIS exposures.

----- Realtime Justification -----

Special Scheduling Requirements

We request our grouped targets (including the PSF star) be observed within a 7-day window. This is to ensure a stable PSF over this short period. Delayed scheduling due to this restriction is OK.

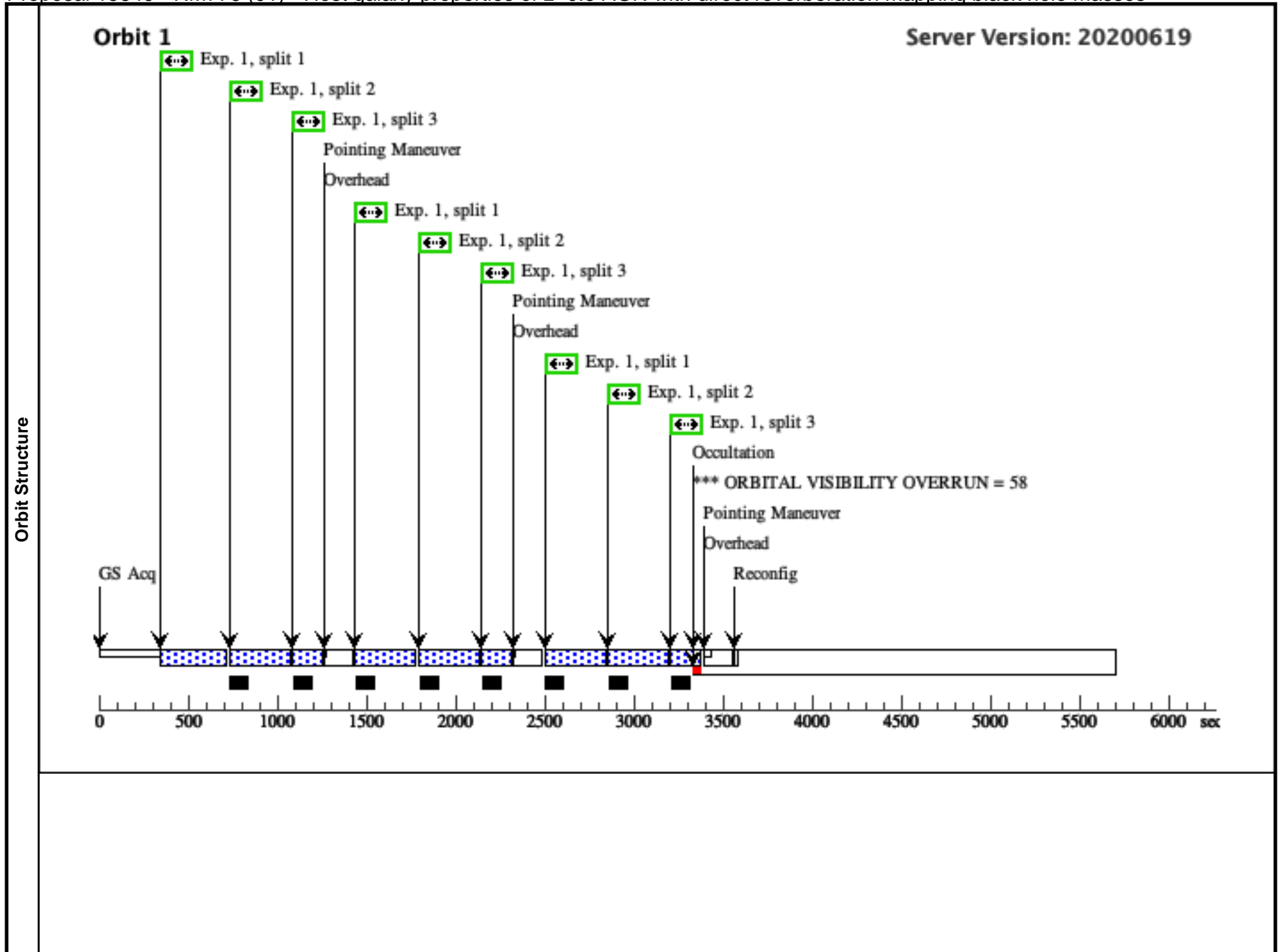
Proposal 15849 - RM776 (01) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

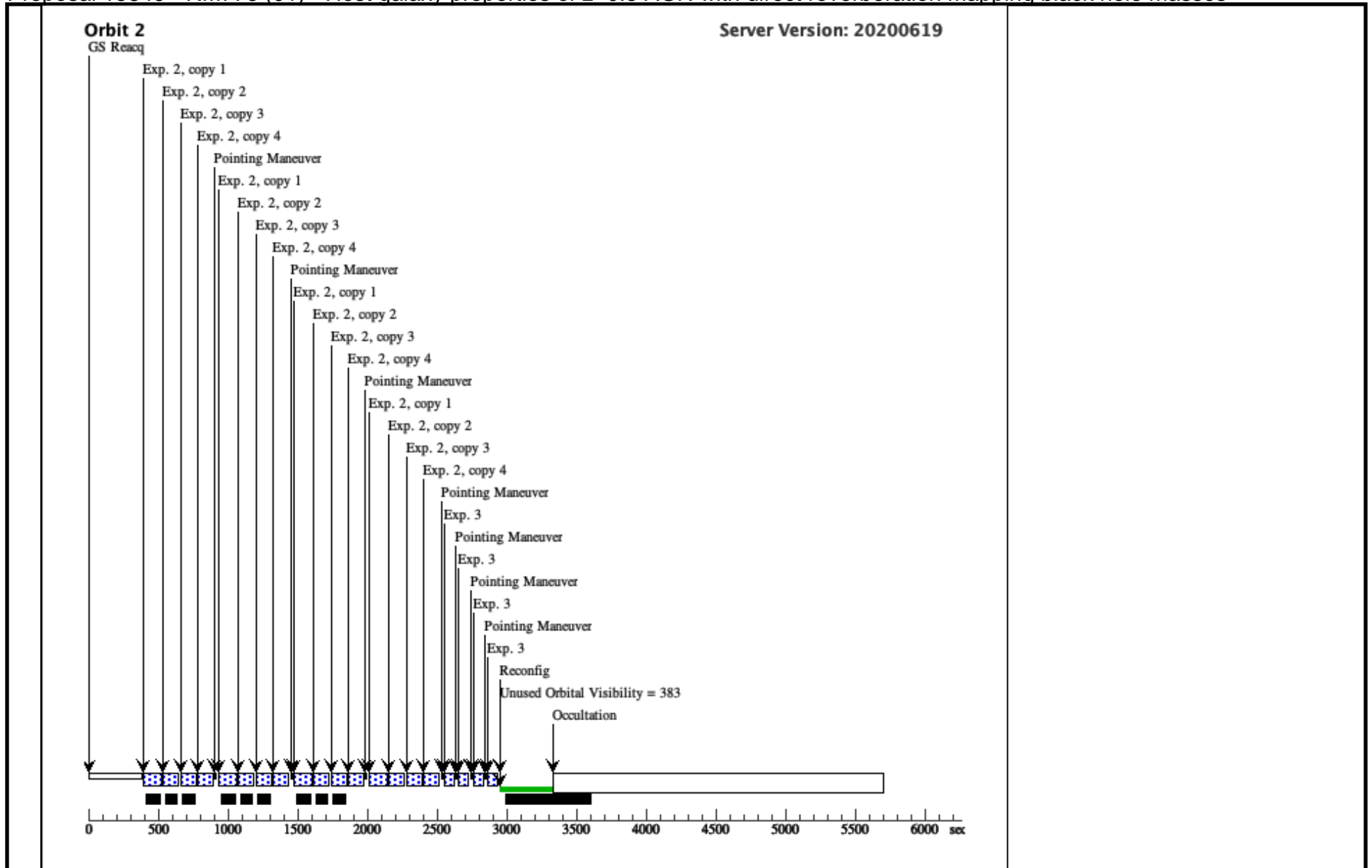
Fri Dec 18 12:02:08 GMT 2020

Visit	Proposal 15849, RM776 (01), failed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM776 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	RM776	RA: 14 08 12.0936 (212.0503900d) Dec: +53 53 3.30 (53.88425d) Equinox: J2000		V=(?) r=18.437	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM776 (01) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(1) RM776	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=3; FLASH=5	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n RM776 (01) (2)	504 Secs (1512 Secs)	
								[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)]	[1]	
	2	IR-F110W	(1) RM776	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=9; SAMP-SEQ=STEP2 5		Pattern 1, Exps 2-2 i n RM776 (01) (1)	105.518395 Secs X 4 (1688.294 Secs)	
								[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]	
	3	IR-F110W	(1) RM776	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPAR S5		Pattern 1, Exps 3-3 i n RM776 (01) (1)	41.754125 Secs (167.017 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	

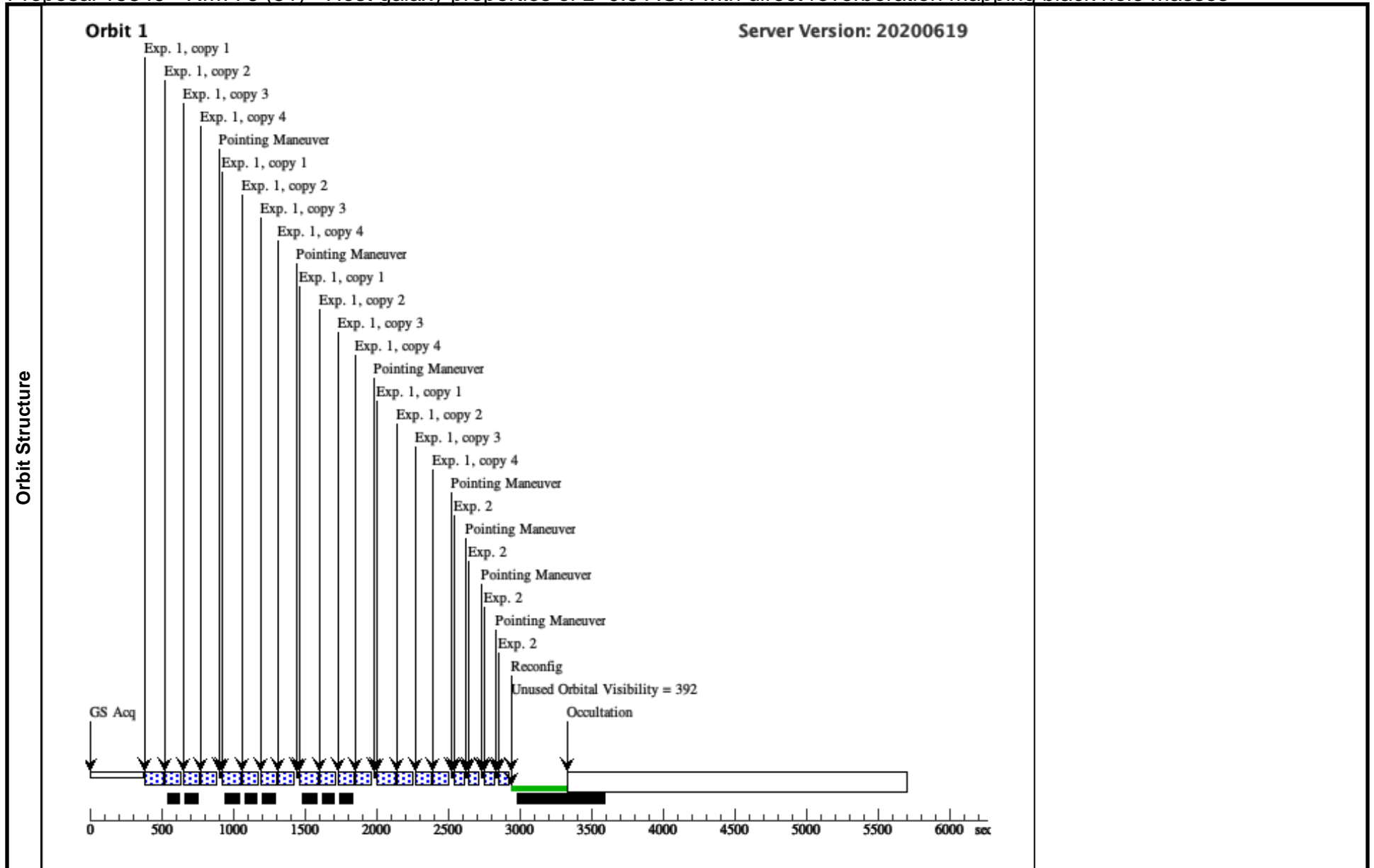




Proposal 15849 - RM776 (51) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

Fri Dec 18 12:02:08 GMT 2020

Visit	Proposal 15849, RM776 (51), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) <i>Comments: Repeat of orbit 2 from visit 01.</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	RM776	RA: 14 08 12.0936 (212.0503900d) Dec: +53 53 3.30 (53.88425d) Equinox: J2000			V=(?) r=18.437	Reference Frame: ICRS			
	<i>Comments:</i> Category=GALAXY Description=[OUASAR]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	IR-F110W	(1) RM776	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=9; SAMP-SEQ=STEP25			Pattern 1, Exps 1-1 in RM776 (51) (1)	105.518395 Secs X 4 (1688.294 Secs)
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[1]
	2	IR-F110W	(1) RM776	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPAR S5		Pattern 1, Exps 2-2 in RM776 (51) (1)	41.754125 Secs (167.017 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



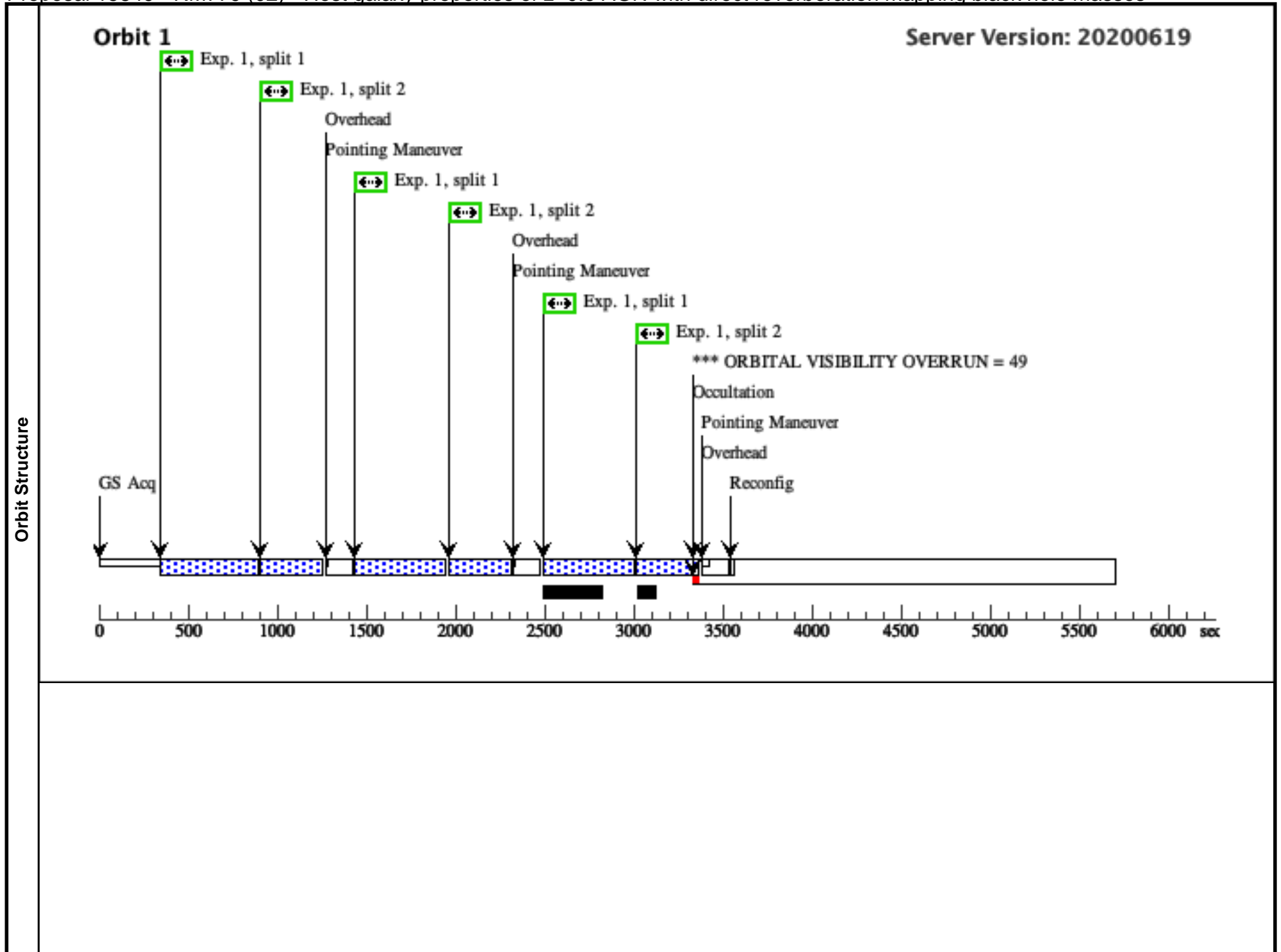
Proposal 15849 - RM779 (02) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

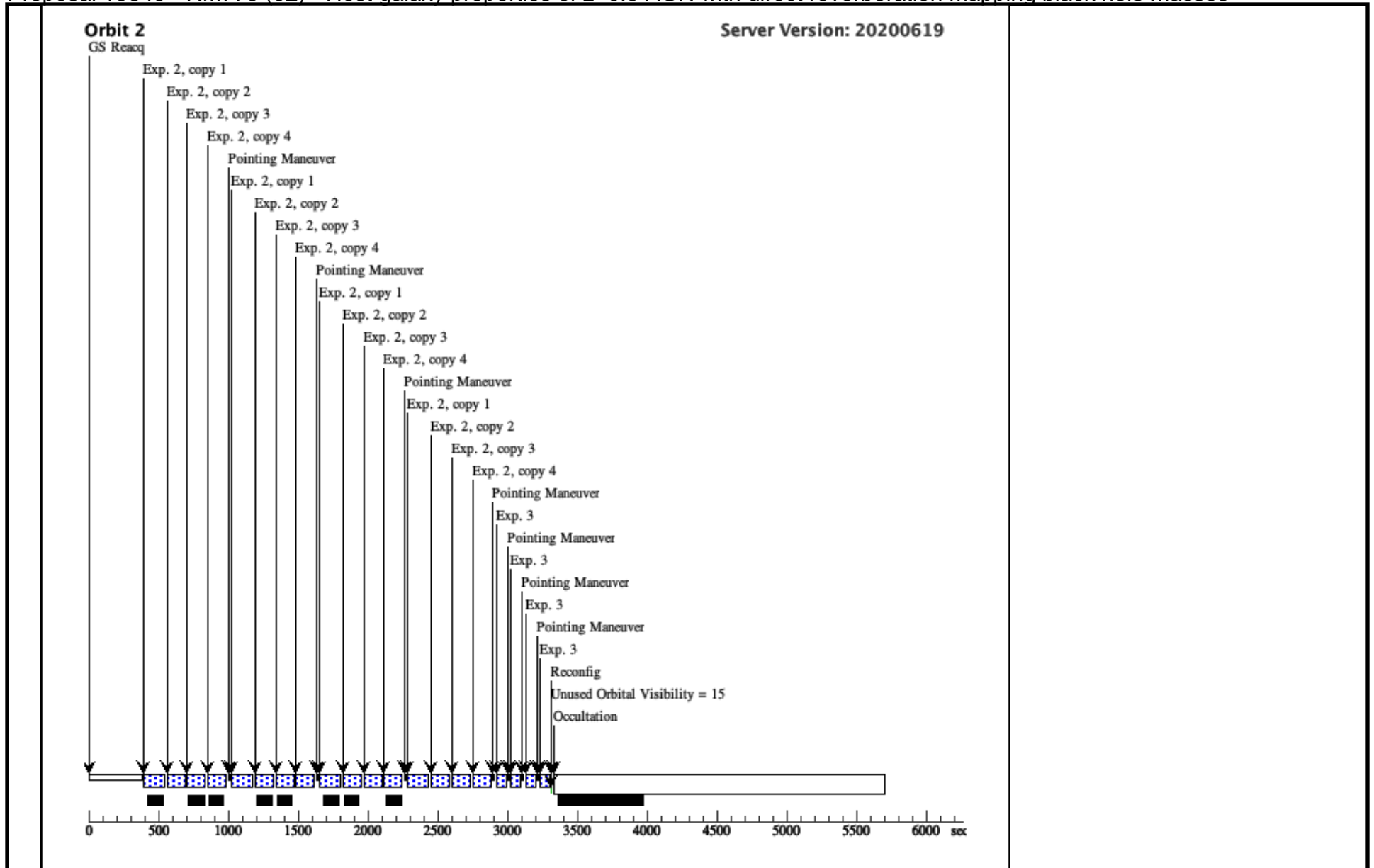
Fri Dec 18 12:02:08 GMT 2020

Visit	Proposal 15849, RM779 (02), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM779 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	RM779	RA: 14 19 23.3664 (214.8473600d) Dec: +54 22 1.73 (54.36715d) Equinox: J2000		V=(?) r=19.558	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM779 (02) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	UVIS-F606 W	(2) RM779	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n RM779 (02) (2)	701 Secs (2103 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(2) RM779	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP2 5		Pattern 1, Exps 2-2 i n RM779 (02) (1)	128.439646 Secs X 4 (2055.034 Sec s) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(2) RM779	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPAR S5		Pattern 1, Exps 3-3 i n RM779 (02) (1)	41.754125 Secs (167.017 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]





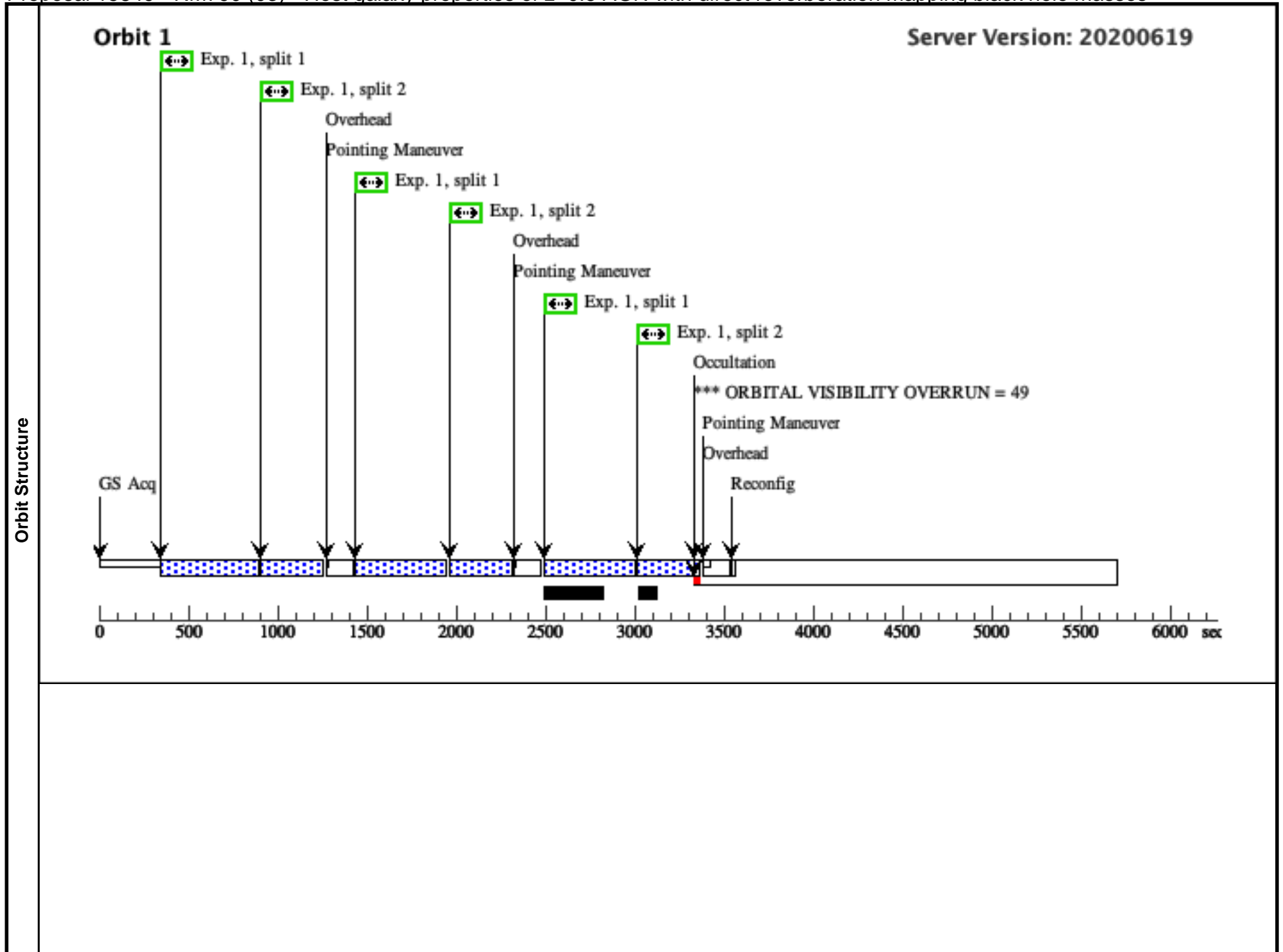
Proposal 15849 - RM790 (03) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

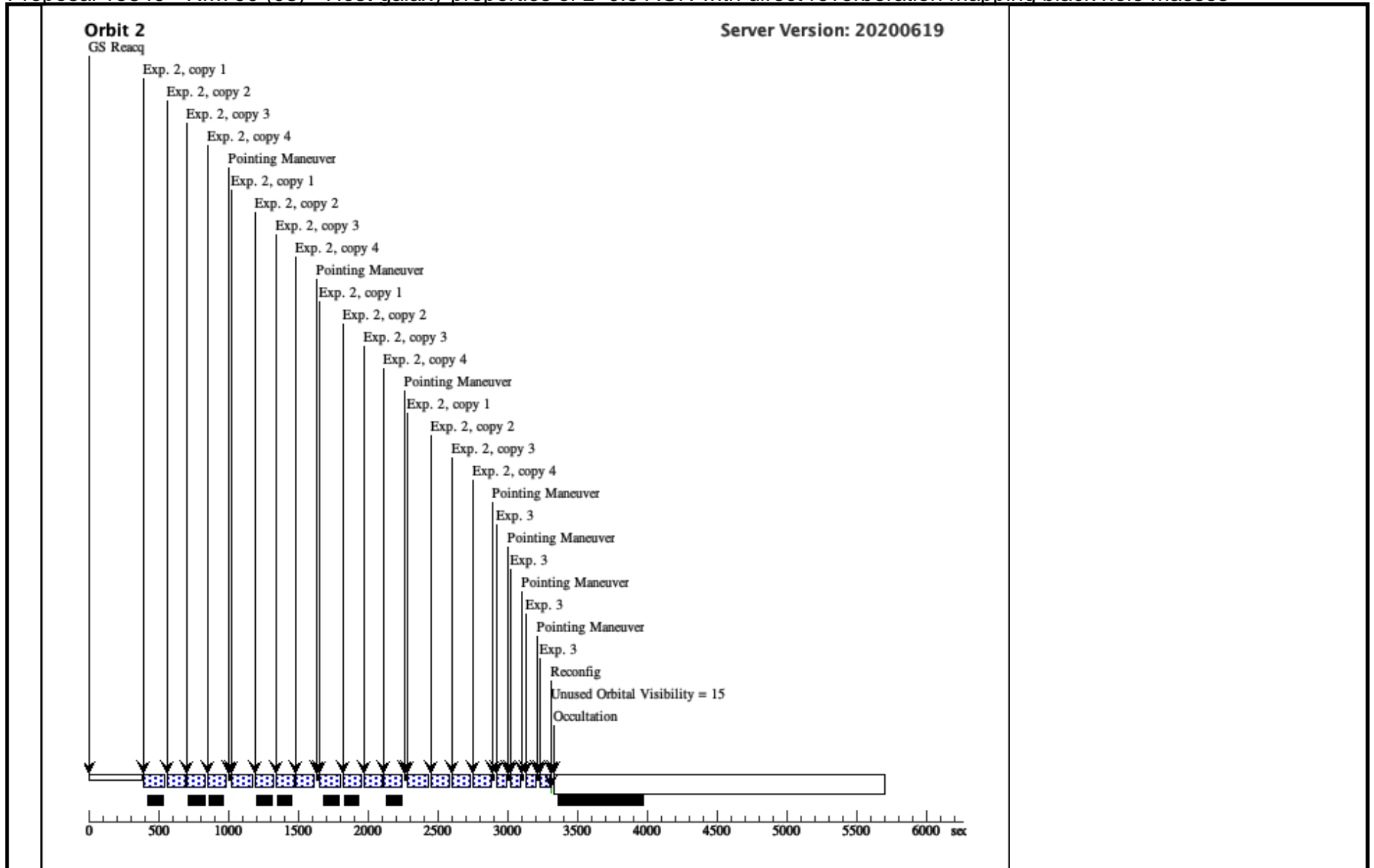
Fri Dec 18 12:02:09 GMT 2020

Visit	Proposal 15849, RM790 (03), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM790 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	RM790	RA: 14 17 29.2704 (214.3719600d) Dec: +53 18 26.54 (53.30737d) Equinox: J2000		V=(?) r=19.099	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM790 (03) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	UVIS-F606 W	(3) RM790	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n RM790 (03) (2)	701 Secs (2103 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(3) RM790	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP2 5		Pattern 1, Exps 2-2 i n RM790 (03) (1)	128.439646 Secs X 4 (2055.034 Sec s) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(3) RM790	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPAR S5		Pattern 1, Exps 3-3 i n RM790 (03) (1)	41.754125 Secs (167.017 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]





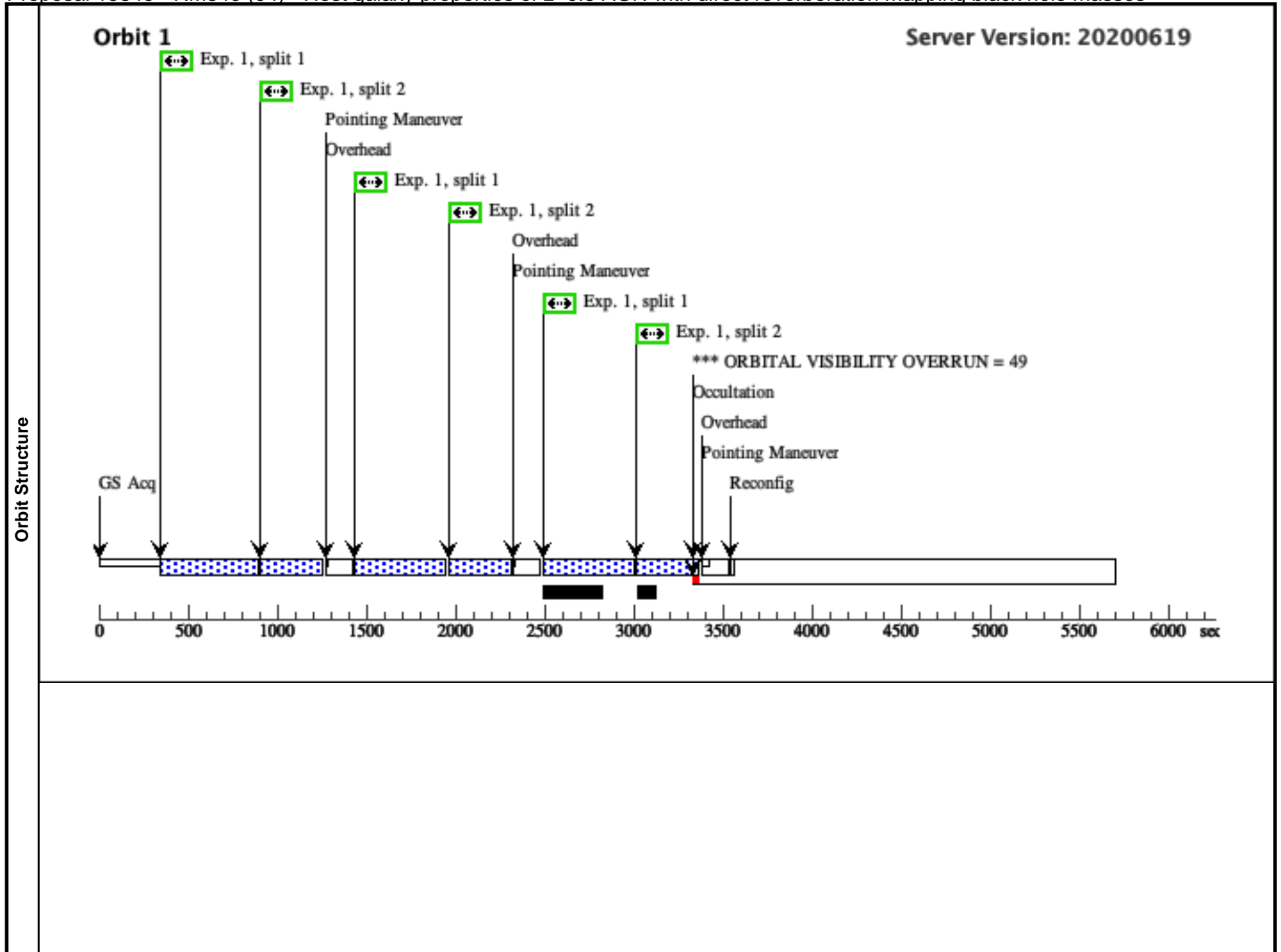
Proposal 15849 - RM840 (04) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

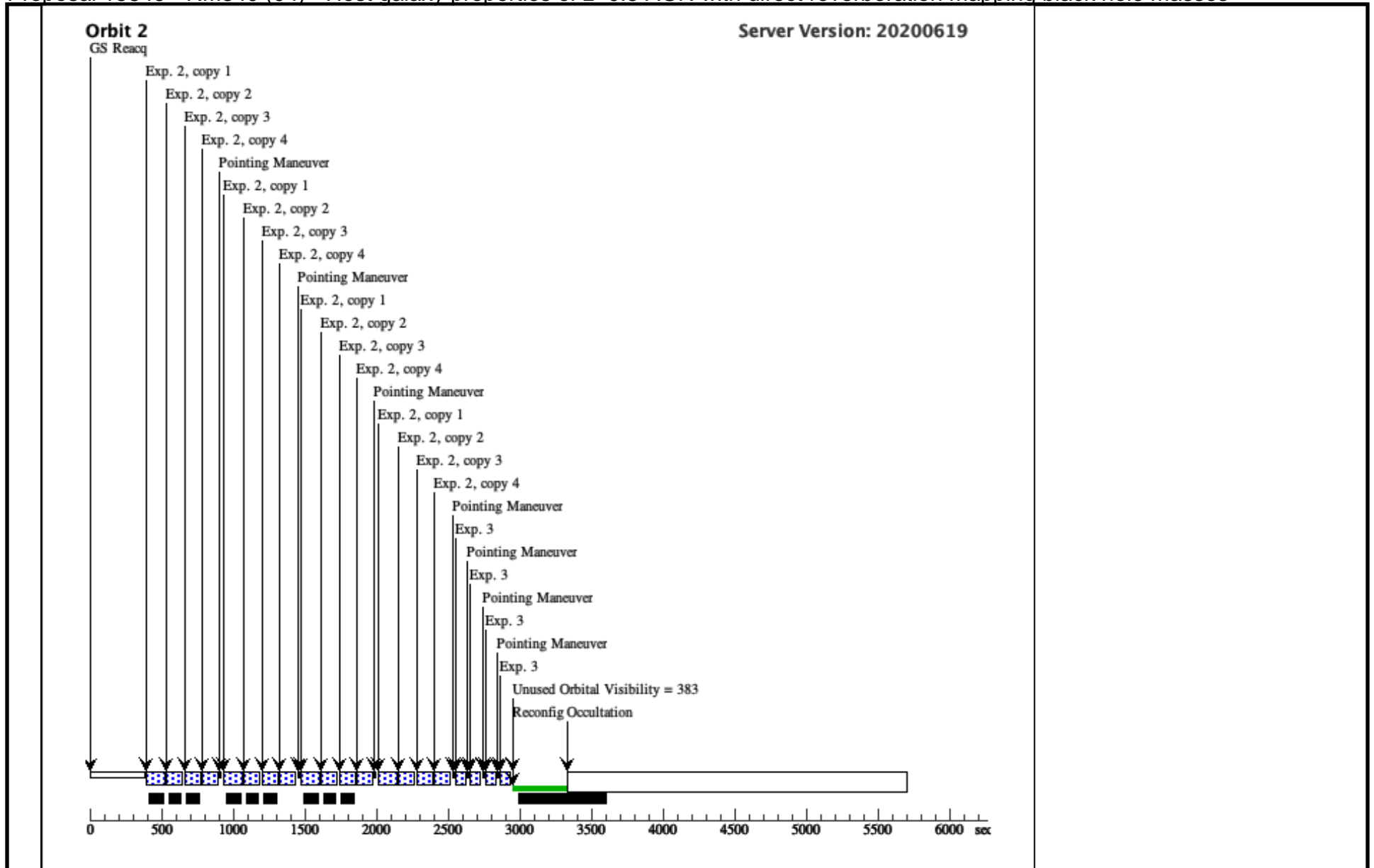
Fri Dec 18 12:02:09 GMT 2020

Visit	Proposal 15849, RM840 (04), failed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM840 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	RM840	RA: 14 16 45.1512 (214.1881300d) Dec: +54 25 40.75 (54.42799d) Equinox: J2000		V=(?) r=18.969	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM840 (04) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(4) RM840	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM840 (04) (2)	701 Secs (2103 Secs)	
								[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]	
	2	IR-F110W	(4) RM840	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=9; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM840 (04) (1)	105.518395 Secs X 4 (1688.294 Secs)	
								[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]	
	3	IR-F110W	(4) RM840	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM840 (04) (1)	41.754125 Secs (167.017 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





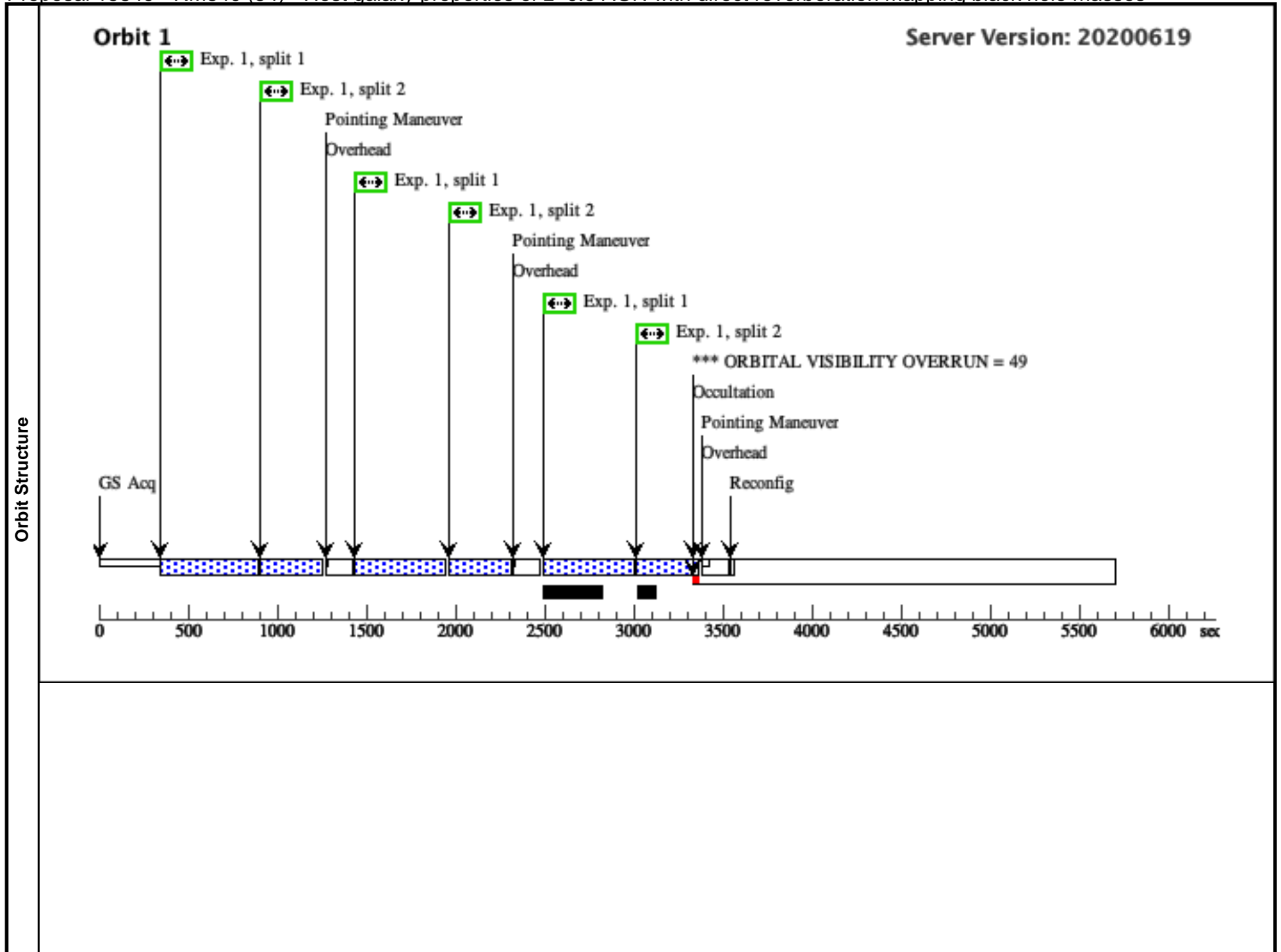
Proposal 15849 - RM840 (54) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

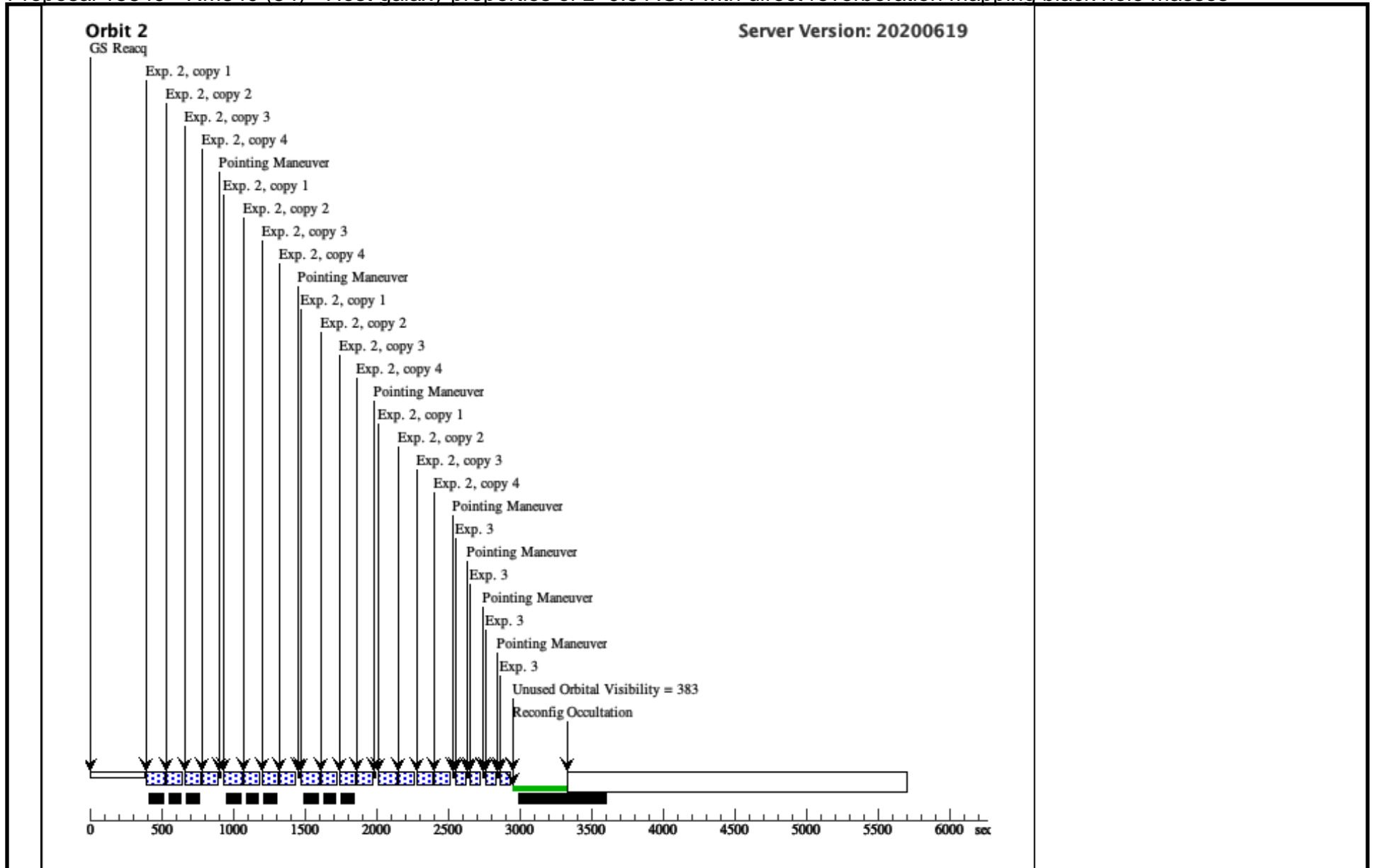
Fri Dec 18 12:02:09 GMT 2020

Visit	Proposal 15849, RM840 (54), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: HOPR repeat of visit 04.</i>					
	Diagnosics (RM840 (54)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	RM840	RA: 14 16 45.1512 (214.1881300d) Dec: +54 25 40.75 (54.42799d) Equinox: J2000		V=(?) r=18.969	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM840 (54) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(4) RM840	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM840 (54) (2)	701 Secs (2103 Secs)	
								[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]	
	2	IR-F110W	(4) RM840	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=9; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM840 (54) (1)	105.518395 Secs X 4 (1688.294 Secs)	
								[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]	
	3	IR-F110W	(4) RM840	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM840 (54) (1)	41.754125 Secs (167.017 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





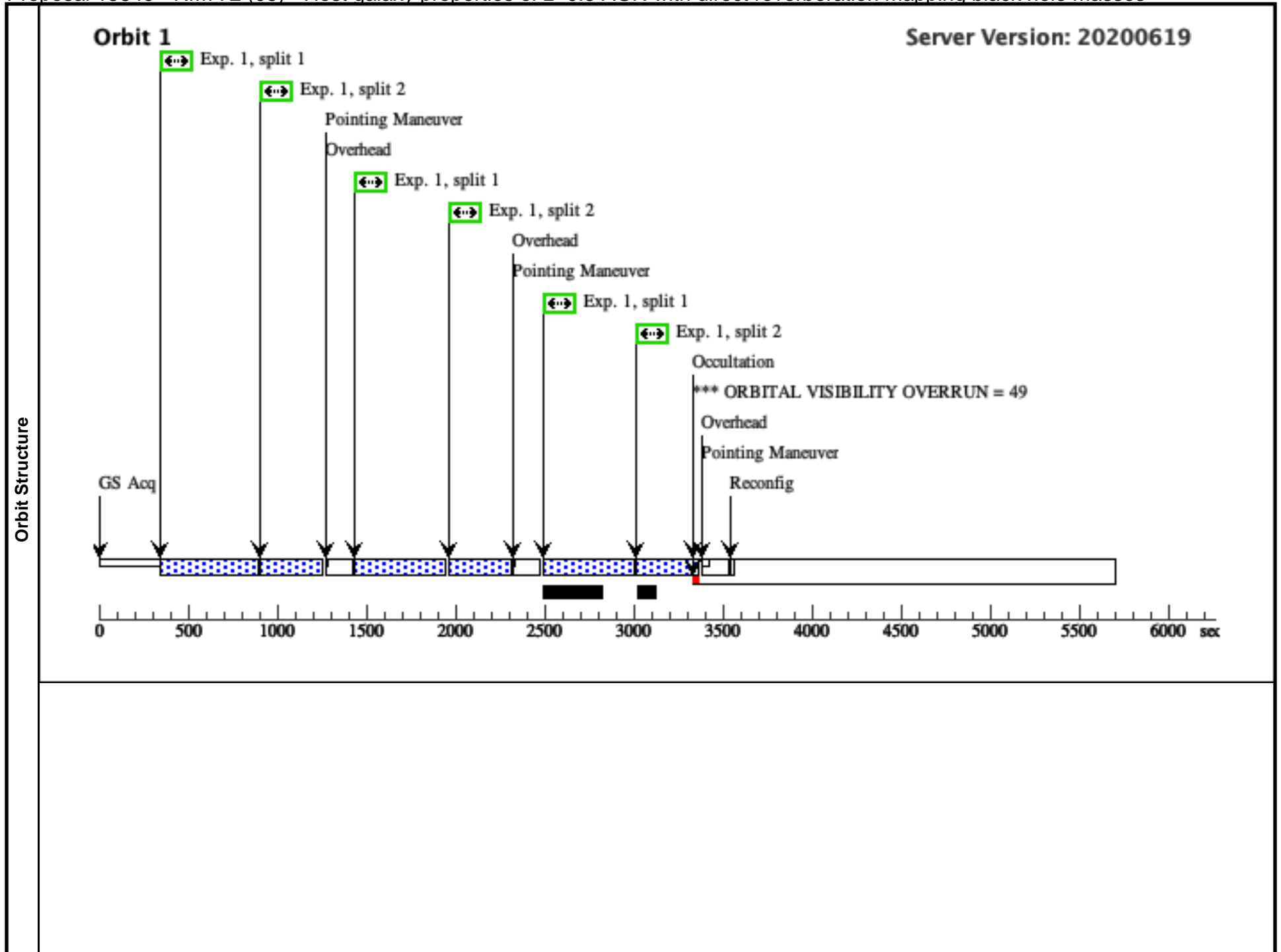
Proposal 15849 - RM772 (05) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

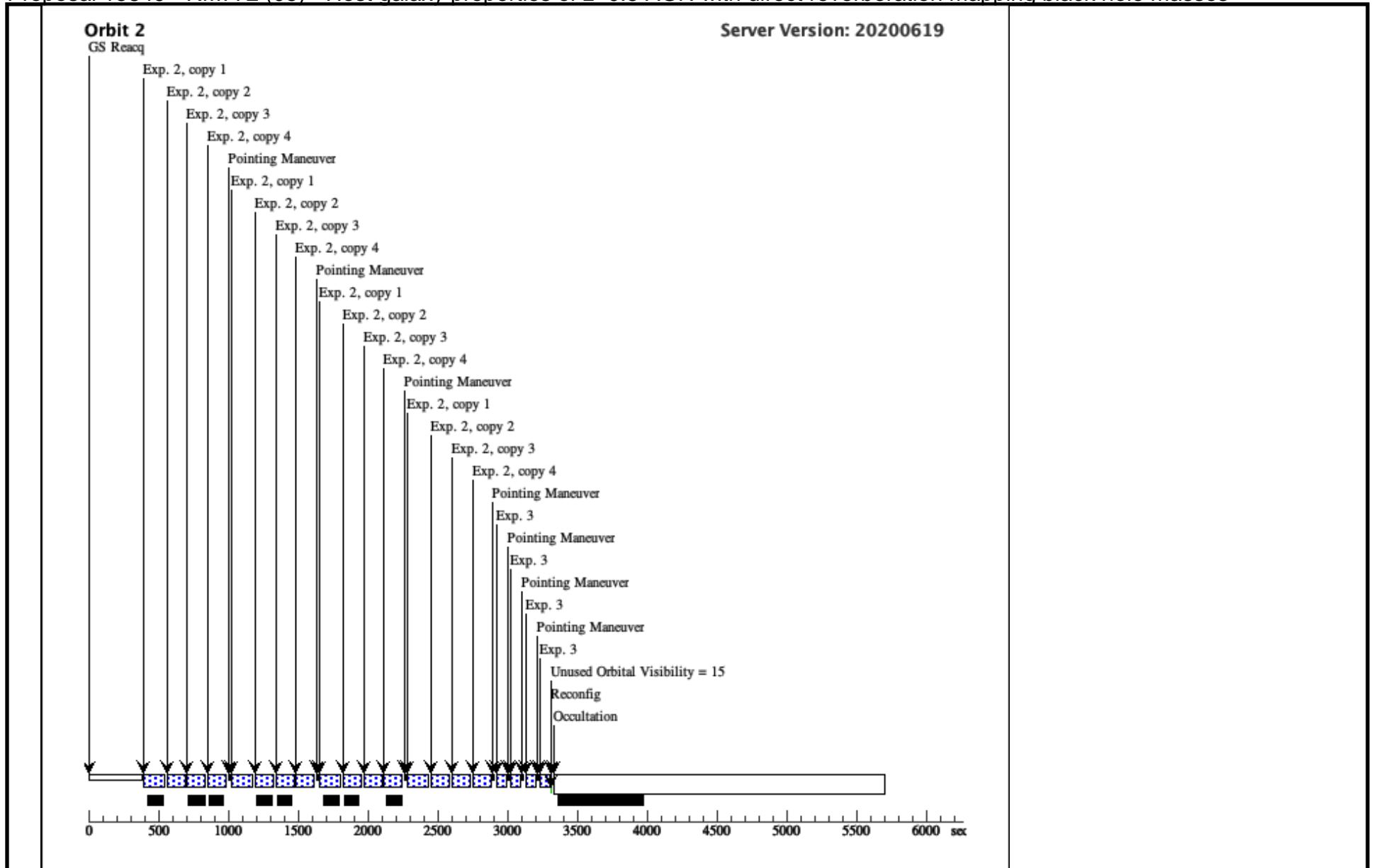
Fri Dec 18 12:02:09 GMT 2020

Visit	Proposal 15849, RM772 (05), failed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM772 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	RM772	RA: 14 21 35.9016 (215.3995900d) Dec: +52 31 38.91 (52.52748d) Equinox: J2000		V=(?) r=19.226	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QUASAR]					

Proposal 15849 - RM772 (05) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	UVIS-F606 W	(5) RM772	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n RM772 (05) (2)	701 Secs (2103 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(5) RM772	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP2 5		Pattern 1, Exps 2-2 i n RM772 (05) (1)	128.439646 Secs X 4 (2055.034 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(5) RM772	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPAR S5		Pattern 1, Exps 3-3 i n RM772 (05) (1)	41.754125 Secs (167.017 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]





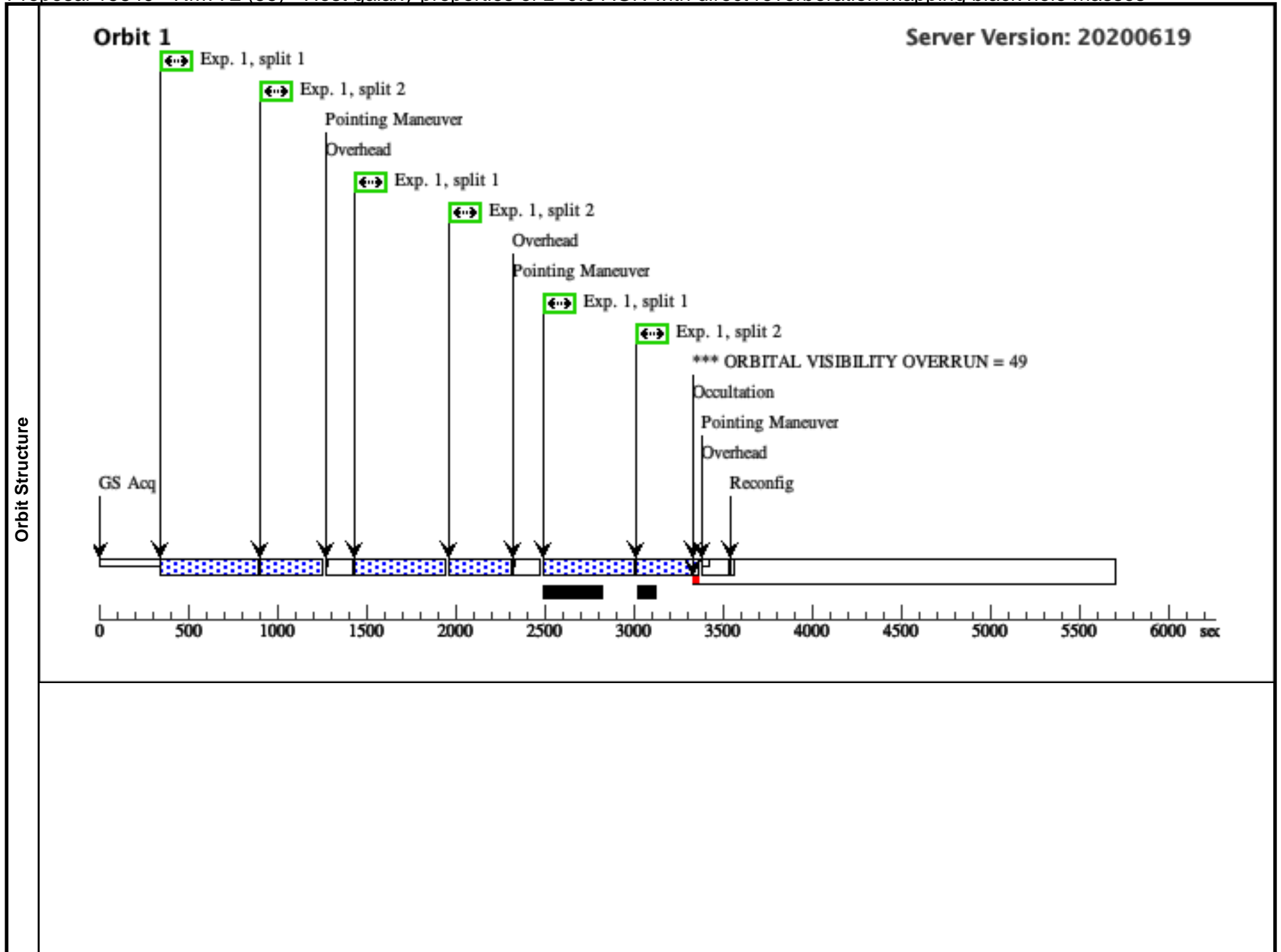
Proposal 15849 - RM772 (55) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

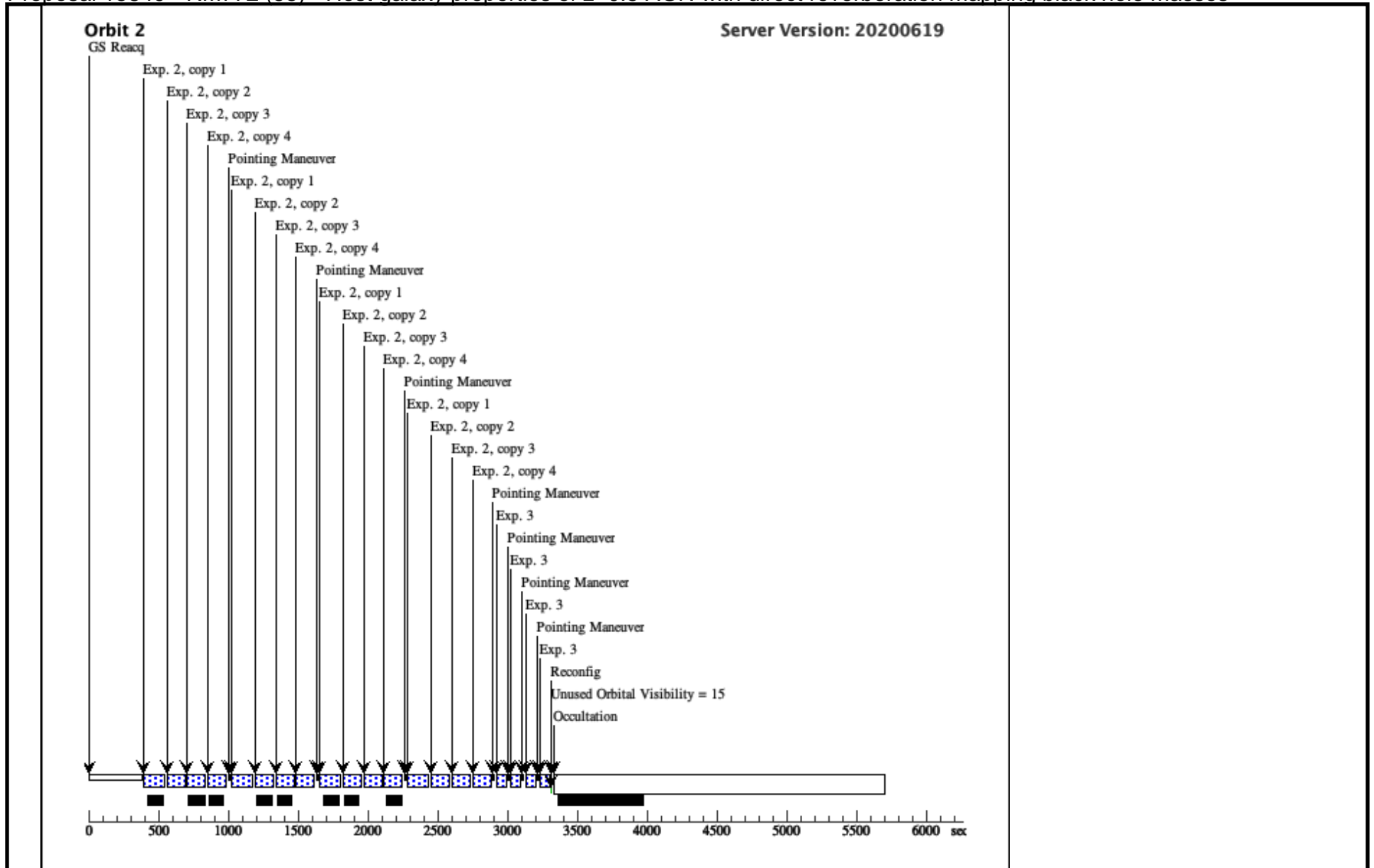
Fri Dec 18 12:02:09 GMT 2020

Visit	Proposal 15849, RM772 (55), failed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: HOPR Repeat of visit 05.</i>					
	Diagnosics (RM772 (55)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	RM772	RA: 14 21 35.9016 (215.3995900d) Dec: +52 31 38.91 (52.52748d) Equinox: J2000		V=(?) r=19.226	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM772 (55) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(5) RM772	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 in RM772 (55) (2)	701 Secs (2103 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(5) RM772	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM772 (55) (1)	128.439646 Secs X 4 (2055.034 Secs)	
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(5) RM772	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM772 (55) (1)	41.754125 Secs (167.017 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]

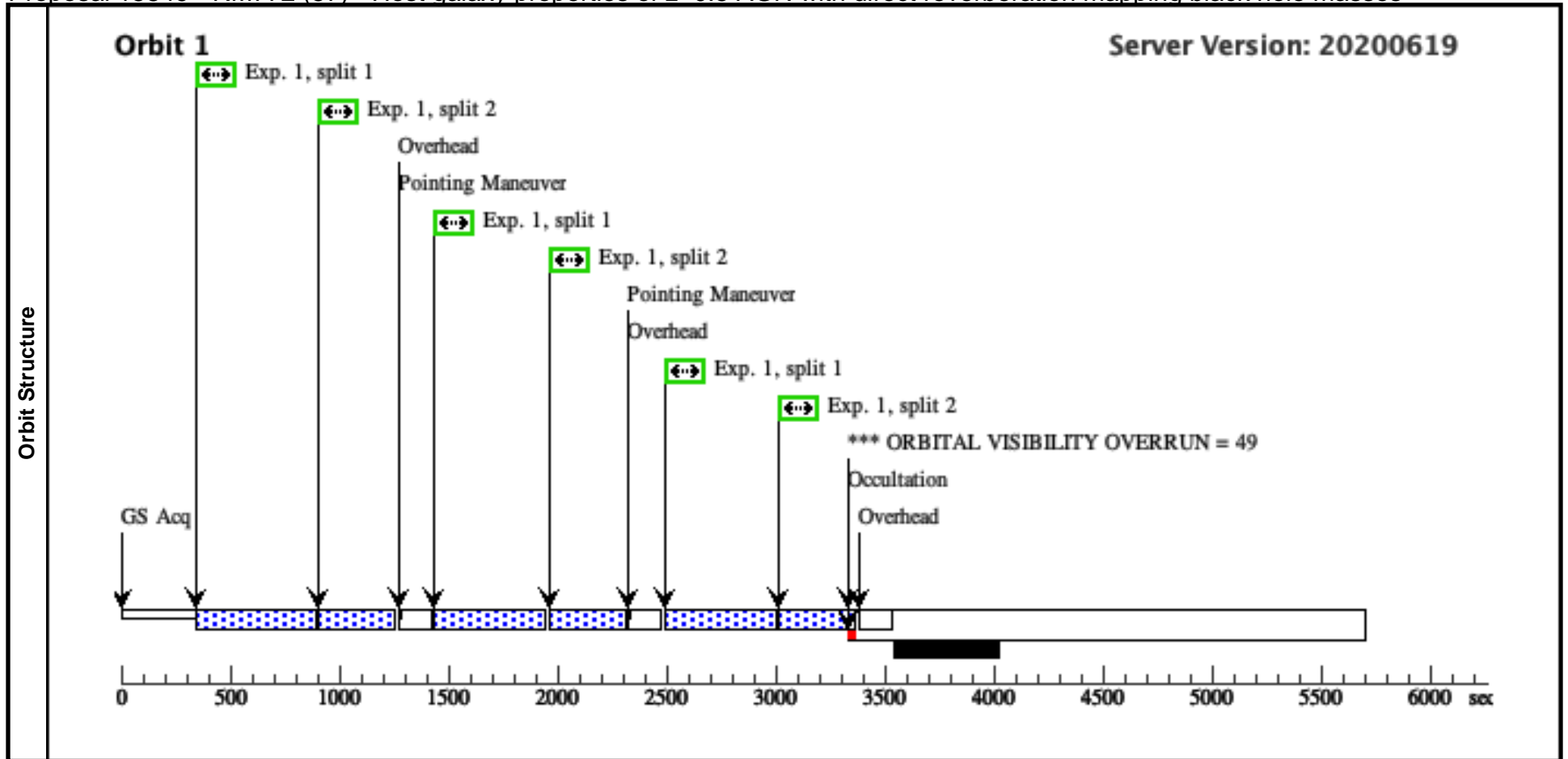




Proposal 15849 - RM772 (57) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

Fri Dec 18 12:02:09 GMT 2020

Visit	Proposal 15849, RM772 (57), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT 17.8D TO 17.8 D; ORIENT 107.8D TO 107.8 D; ORIENT 197.8D TO 197.8 D; ORIENT 287.8D TO 287.8 D <i>Comments: HOPR Repeat of first orbit of visit 55.</i>									
	Diagnosics (RM772 (57)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	RM772	RA: 14 21 35.9016 (215.3995900d) Dec: +52 31 38.91 (52.52748d) Equinox: J2000		V=(?) r=19.226	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVIS-F606 W	(5) RM772	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 in RM772 (57) (2)	701 Secs (2103 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]



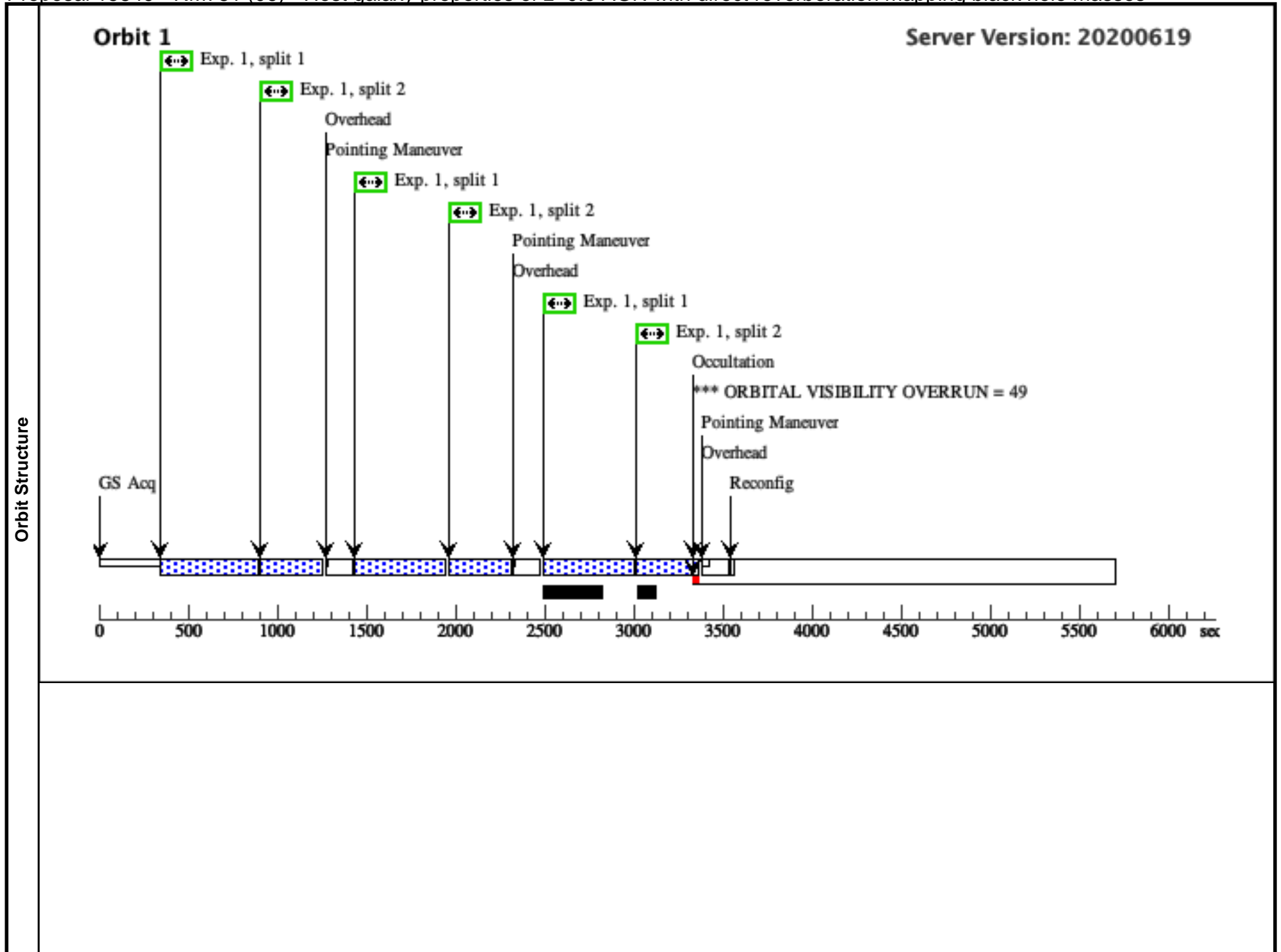
Proposal 15849 - RM781 (06) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

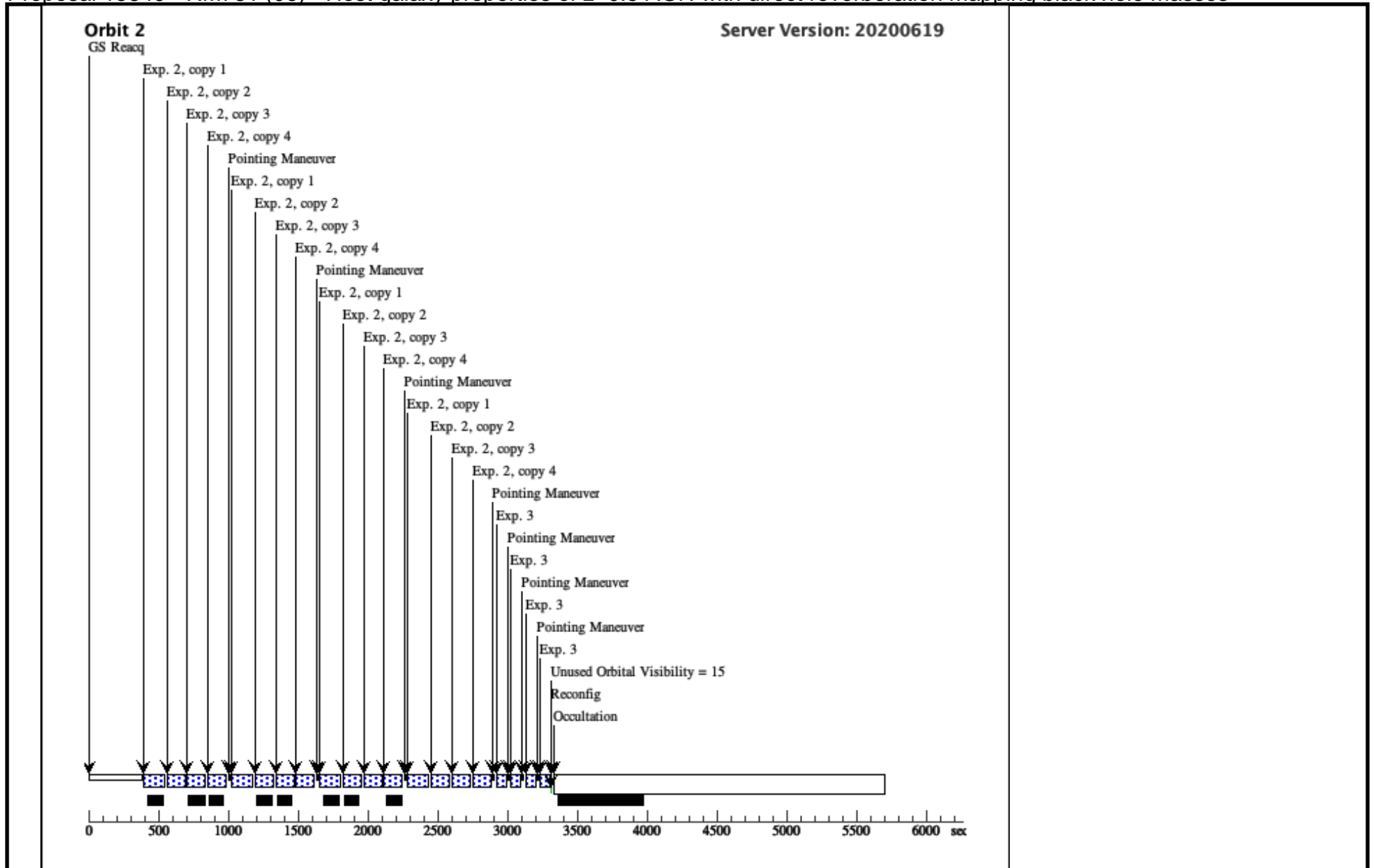
Fri Dec 18 12:02:09 GMT 2020

Visit	Proposal 15849, RM781 (06), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM781 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	RM781	RA: 14 21 3.5280 (215.2647000d) Dec: +51 58 19.47 (51.97208d) Equinox: J2000		V=(?) r=19.495	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM781 (06) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	UVIS-F606 W	(6) RM781	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n RM781 (06) (2)	701 Secs (2103 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(6) RM781	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP2 5		Pattern 1, Exps 2-2 i n RM781 (06) (1)	128.439646 Secs X 4 (2055.034 Sec s) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(6) RM781	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPAR S5		Pattern 1, Exps 3-3 i n RM781 (06) (1)	41.754125 Secs (167.017 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]





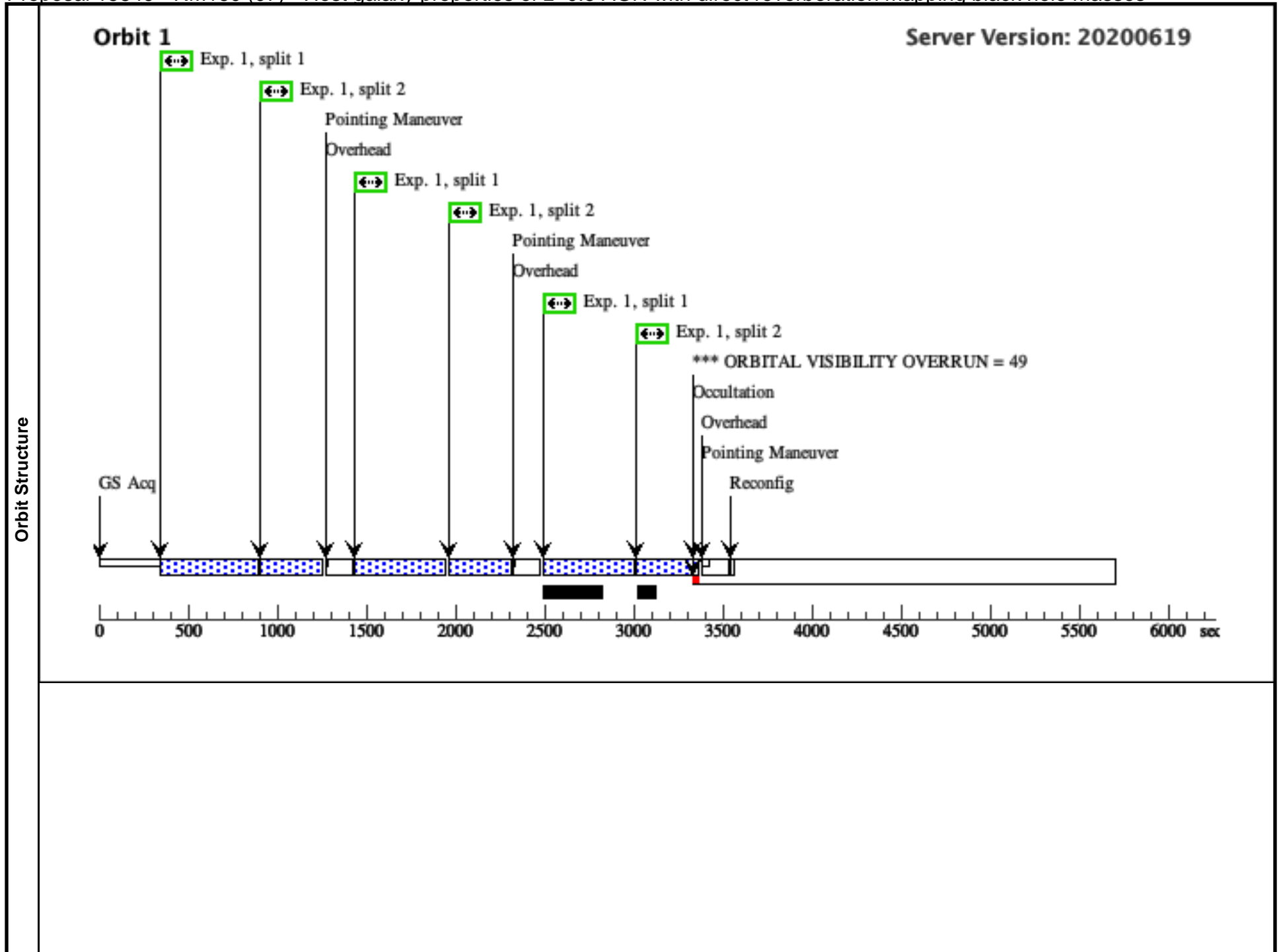
Proposal 15849 - RM160 (07) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

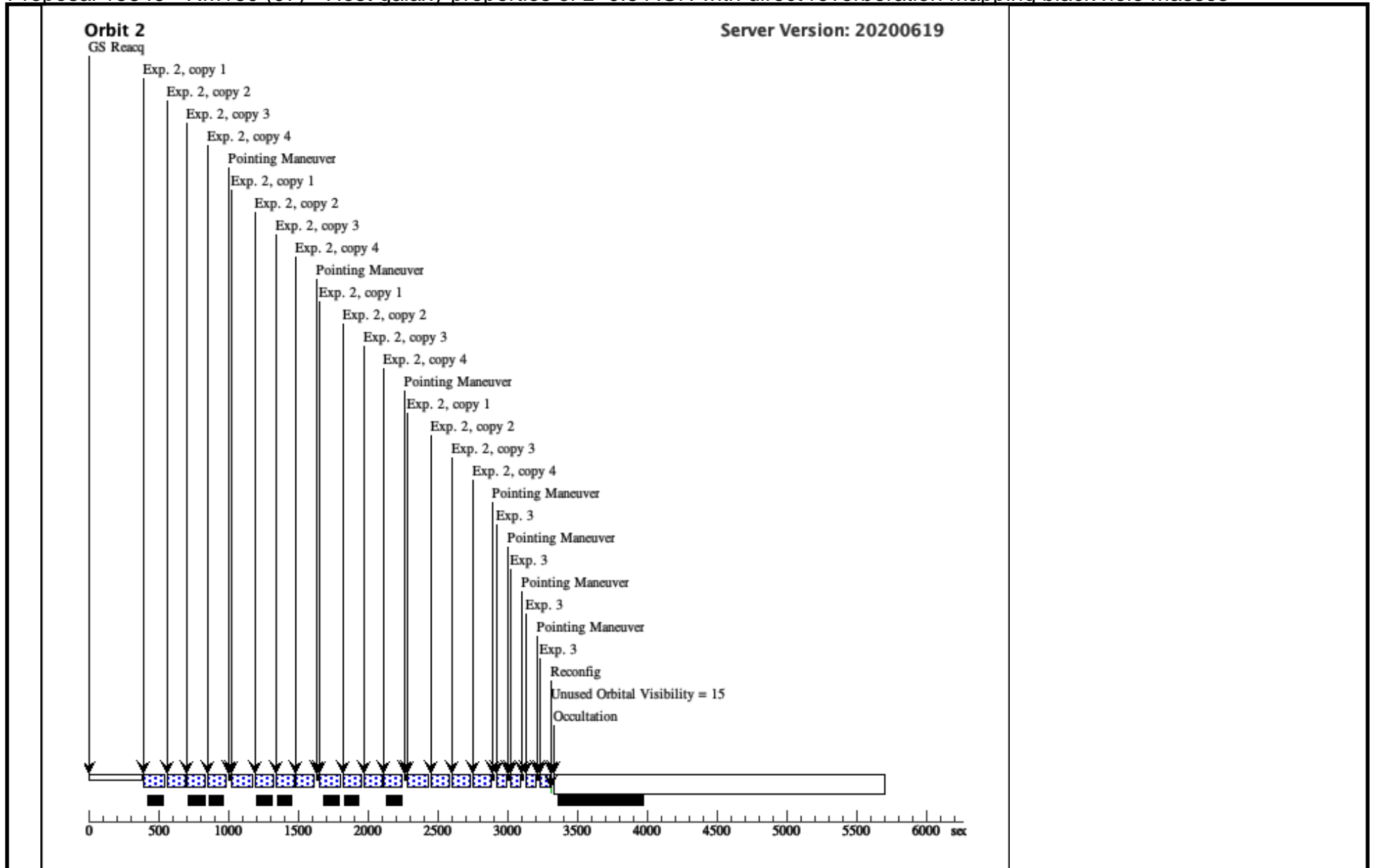
Fri Dec 18 12:02:09 GMT 2020

Visit	Proposal 15849, RM160 (07), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM160 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	RM160	RA: 14 10 41.2536 (212.6718900d) Dec: +53 18 48.99 (53.31361d) Equinox: J2000		V=(?) r=19.736	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM160 (07) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(7) RM160	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 in RM160 (07) (2)	701 Secs (2103 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(7) RM160	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM160 (07) (1)	128.439646 Secs X 4 (2055.034 Secs)	
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(7) RM160	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM160 (07) (1)	41.754125 Secs (167.017 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]





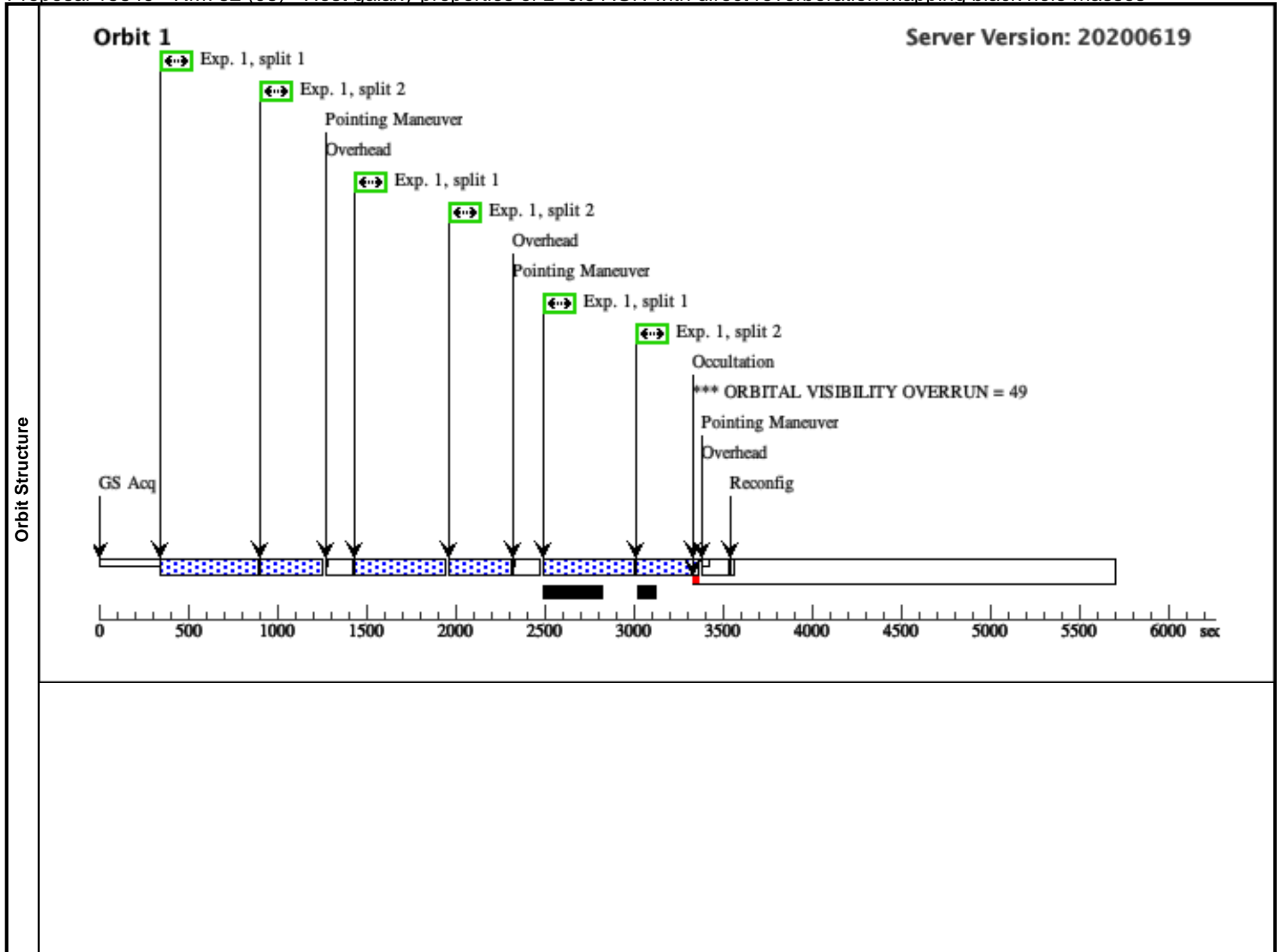
Proposal 15849 - RM782 (08) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

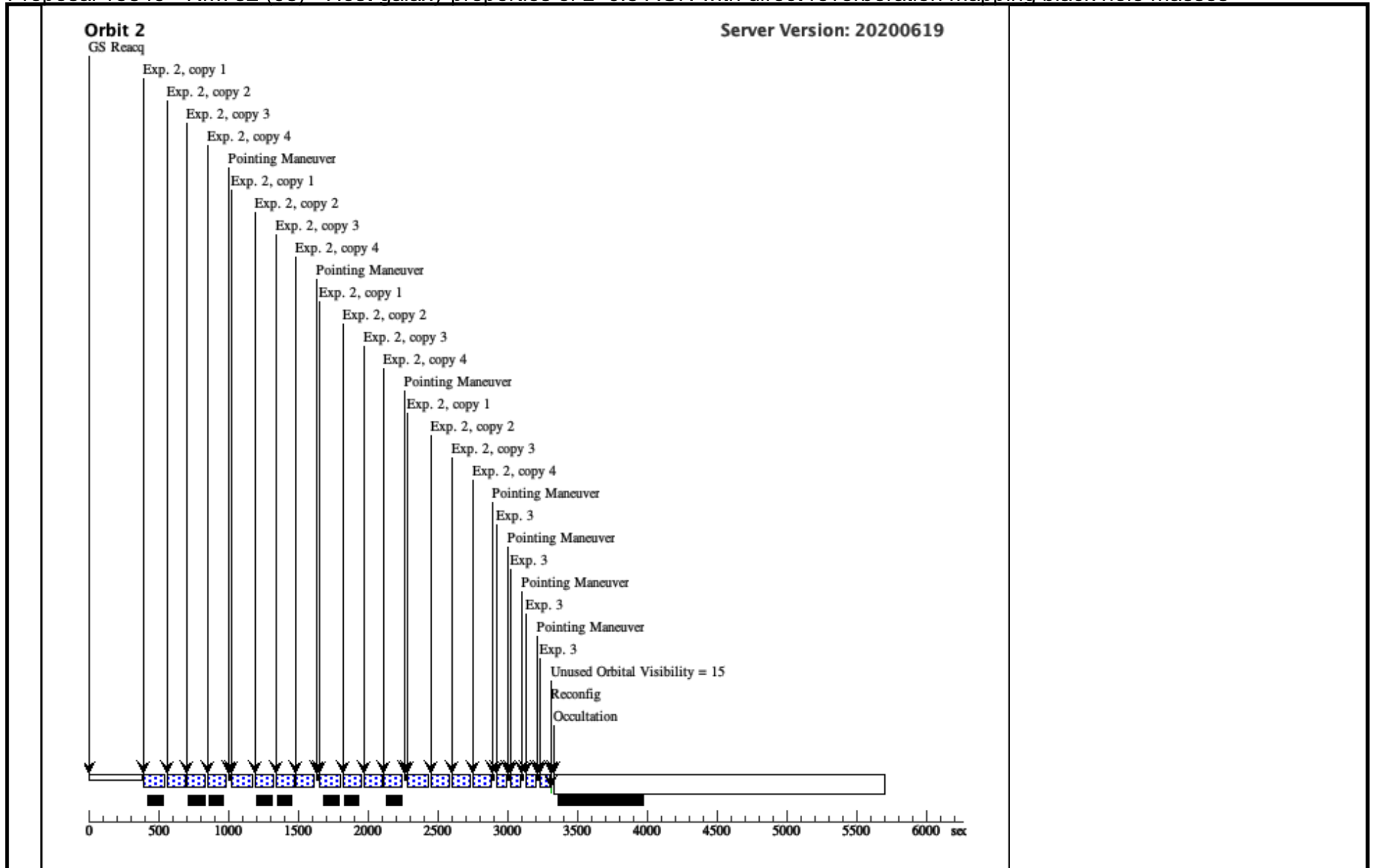
Fri Dec 18 12:02:09 GMT 2020

Visit	Proposal 15849, RM782 (08), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM782 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	RM782	RA: 14 13 18.9600 (213.3290000d) Dec: +54 32 2.40 (54.53400d) Equinox: J2000		V=(?) r=18.889	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM782 (08) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	UVIS-F606 W	(8) RM782	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n RM782 (08) (2)	701 Secs (2103 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(8) RM782	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP2 5		Pattern 1, Exps 2-2 i n RM782 (08) (1)	128.439646 Secs X 4 (2055.034 Sec s) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(8) RM782	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPAR S5		Pattern 1, Exps 3-3 i n RM782 (08) (1)	41.754125 Secs (167.017 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]





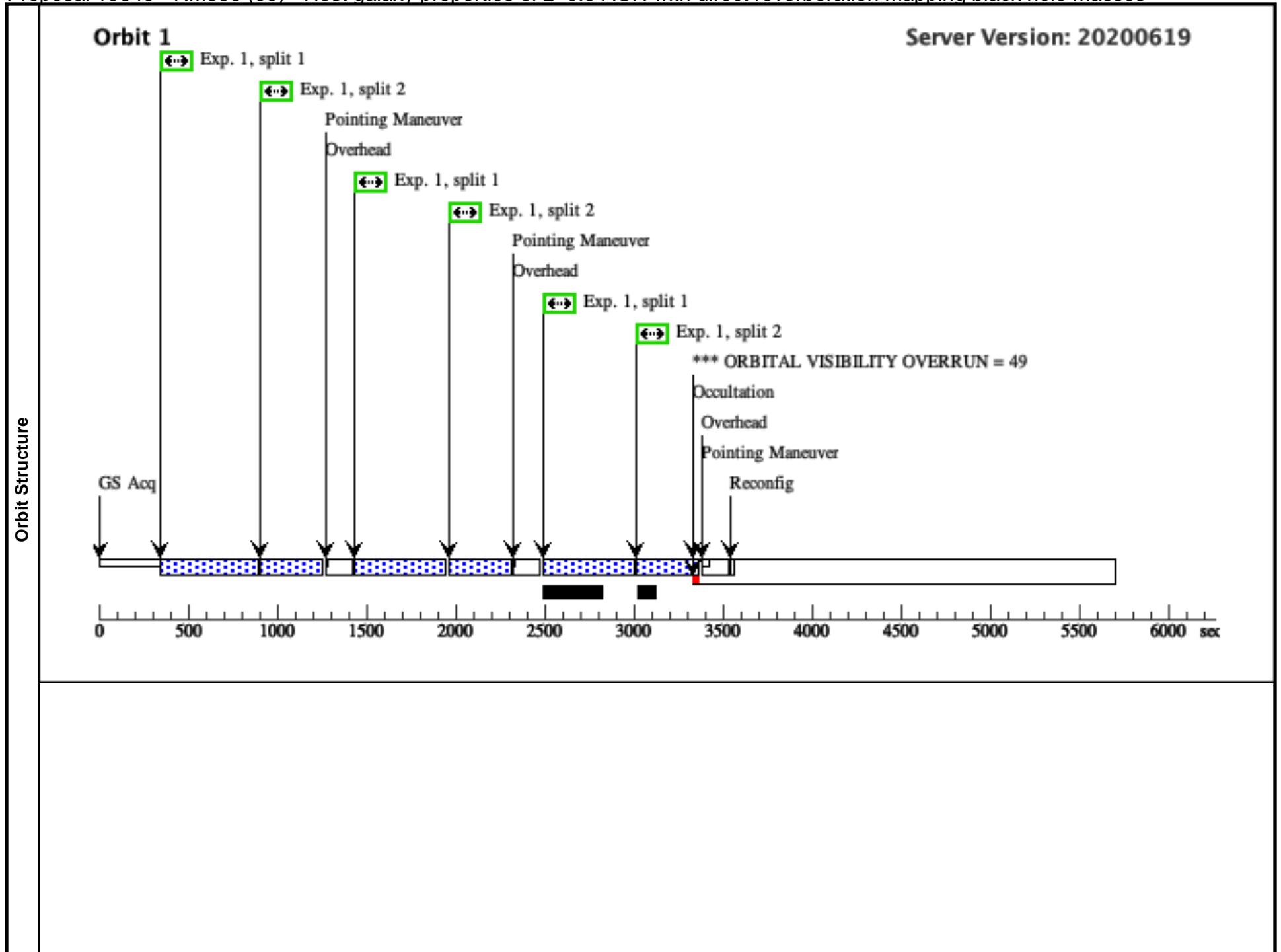
Proposal 15849 - RM338 (09) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

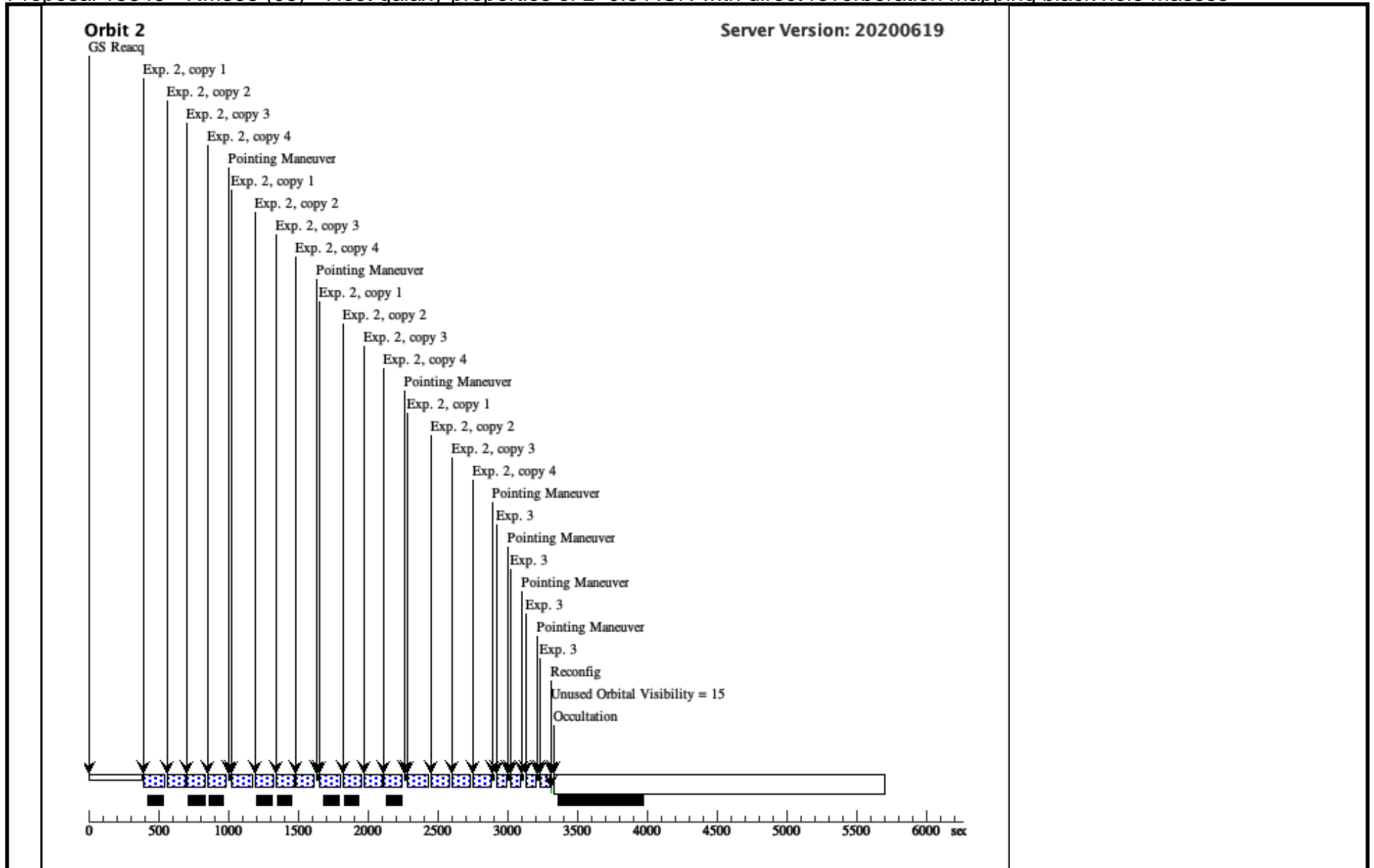
Fri Dec 18 12:02:10 GMT 2020

Visit	Proposal 15849, RM338 (09), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM338 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	RM338	RA: 14 19 55.6248 (214.9817700d) Dec: +53 40 7.16 (53.66866d) Equinox: J2000		V=(?) r=20.350	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM338 (09) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(9) RM338	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM338 (09) (2)	701 Secs (2103 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(9) RM338	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM338 (09) (1)	128.439646 Secs X 4 (2055.034 Secs)	
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(9) RM338	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM338 (09) (1)	41.754125 Secs (167.017 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]





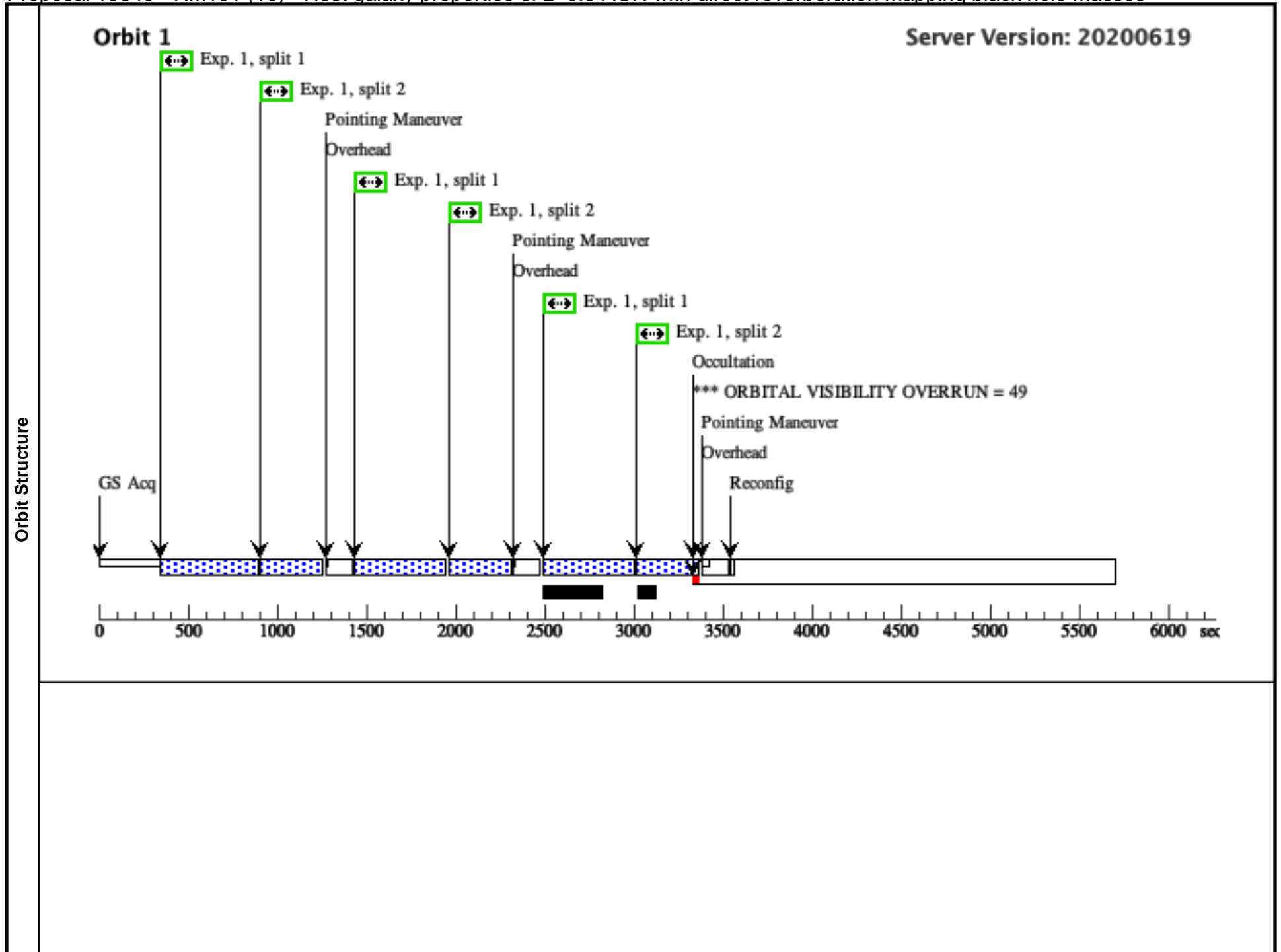
Proposal 15849 - RM191 (10) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

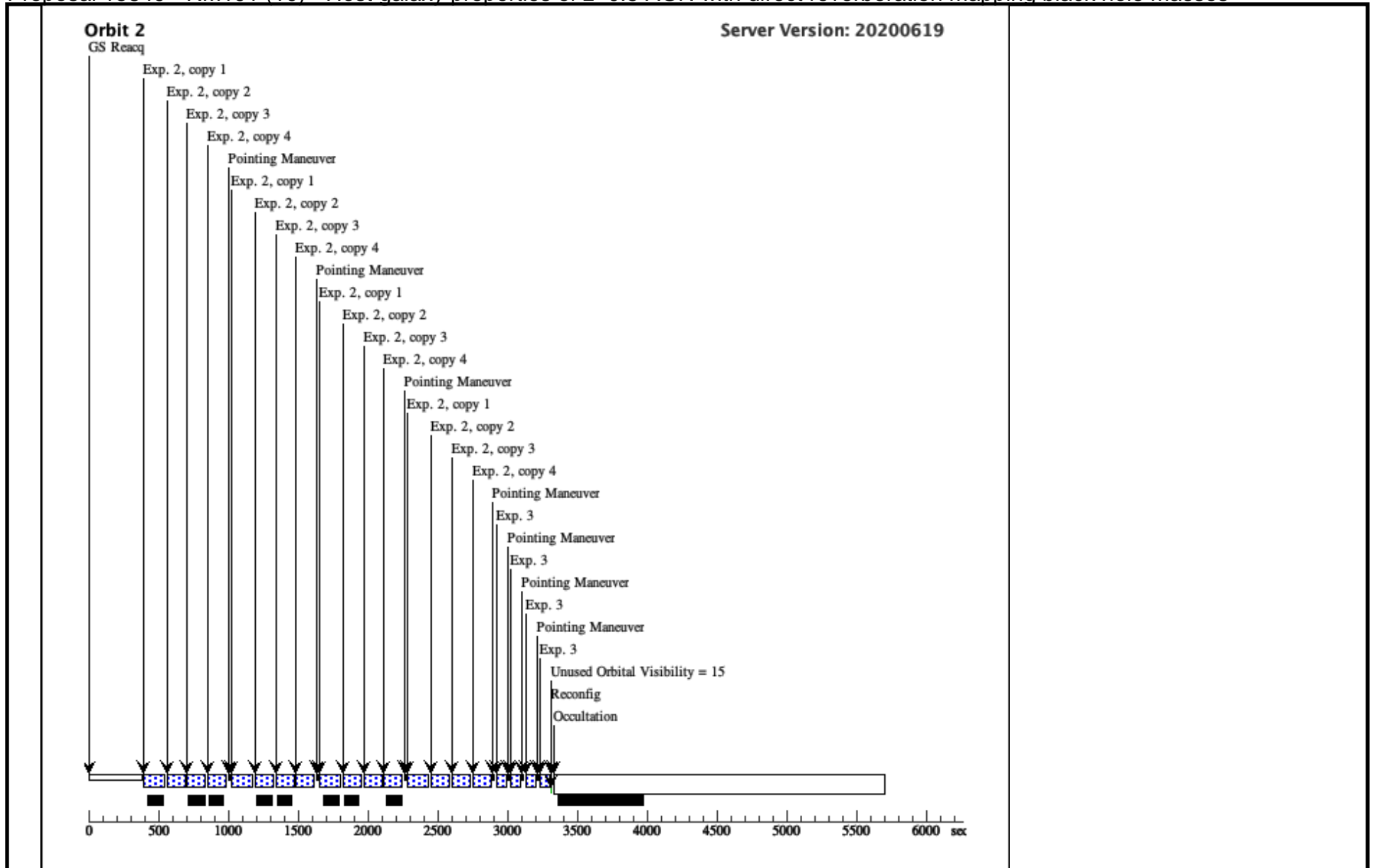
Fri Dec 18 12:02:10 GMT 2020

Visit	Proposal 15849, RM191 (10), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM191 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	RM191	RA: 14 16 45.5784 (214.1899100d) Dec: +53 44 46.78 (53.74633d) Equinox: J2000		V=(?) r=20.843	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QUASAR]					

Proposal 15849 - RM191 (10) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(10) RM191	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 in RM191 (10) (2)	701 Secs (2103 Secs)	
								[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]	
	2	IR-F110W	(10) RM191	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM191 (10) (1)	128.439646 Secs X 4 (2055.034 Secs)	
								[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]	
	3	IR-F110W	(10) RM191	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM191 (10) (1)	41.754125 Secs (167.017 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





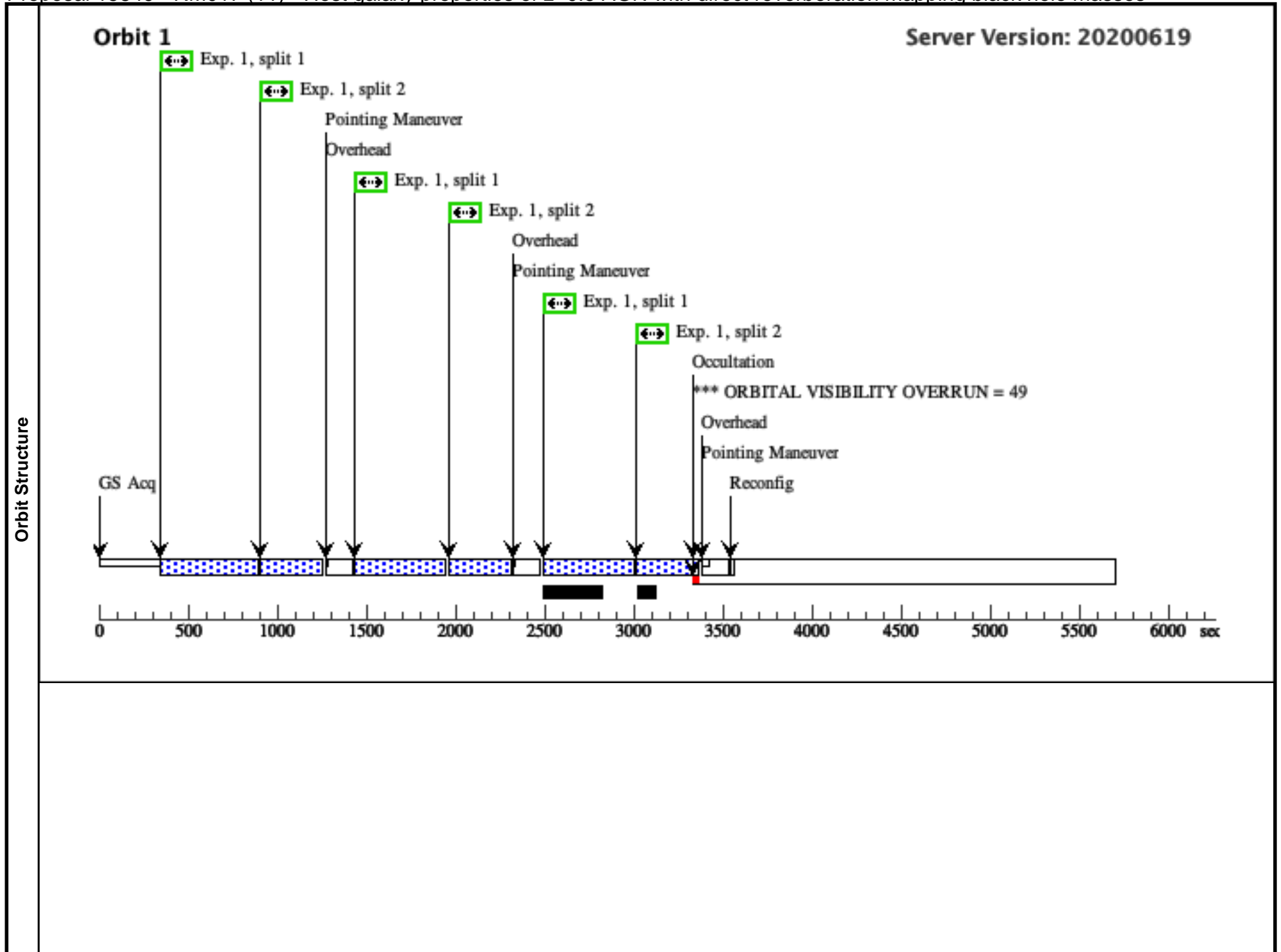
Proposal 15849 - RM017 (11) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

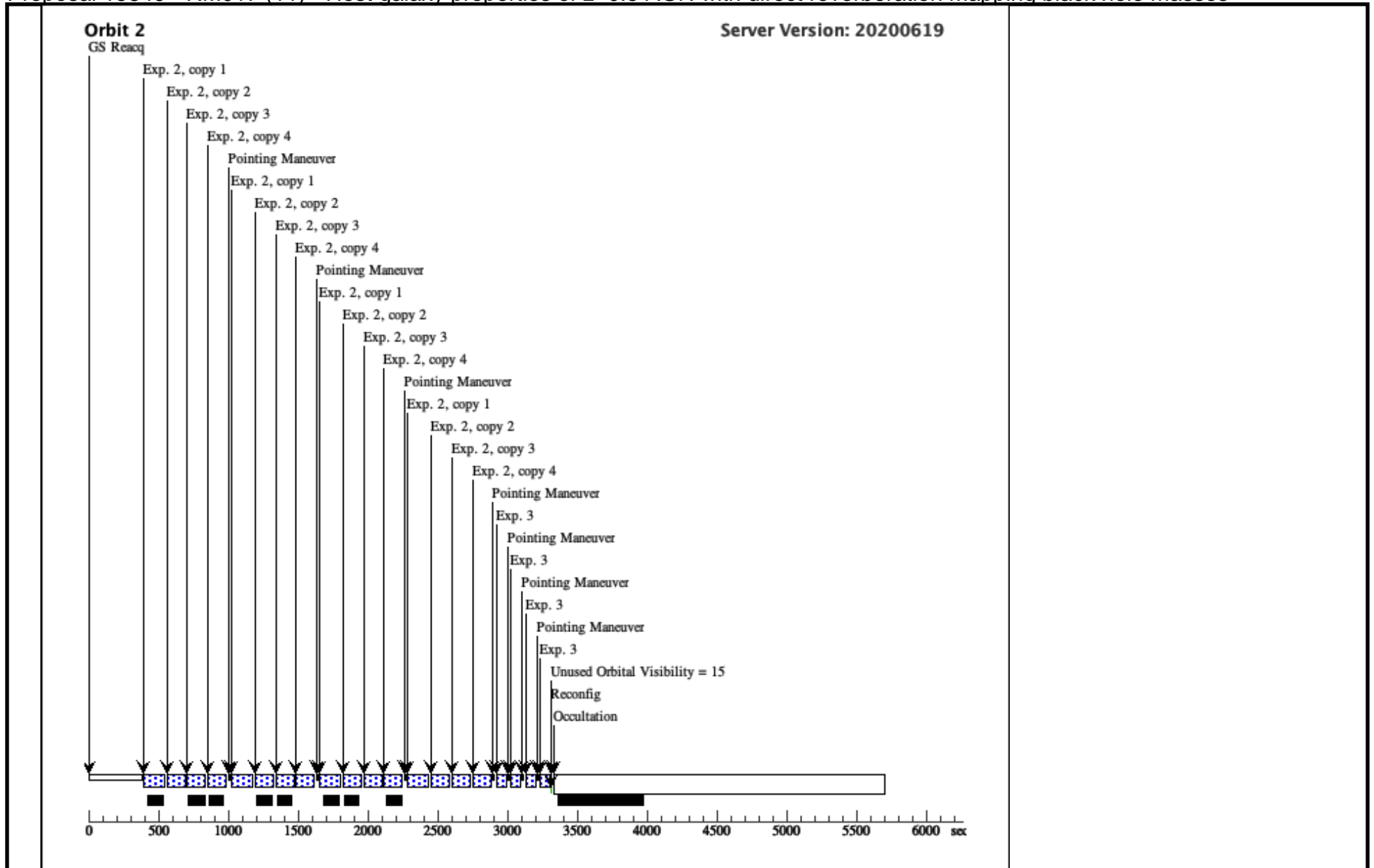
Fri Dec 18 12:02:10 GMT 2020

Visit	Proposal 15849, RM017 (11), failed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM017 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	RM017	RA: 14 13 24.2760 (213.3511500d) Dec: +53 05 26.95 (53.09082d) Equinox: J2000		V=(?) r=19.870	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM017 (11) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(11) RM017	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM017 (11) (2)	701 Secs (2103 Secs)	
								[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]	
	2	IR-F110W	(11) RM017	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM017 (11) (1)	128.439646 Secs X 4 (2055.034 Secs)	
								[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]	
	3	IR-F110W	(11) RM017	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM017 (11) (1)	41.754125 Secs (167.017 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





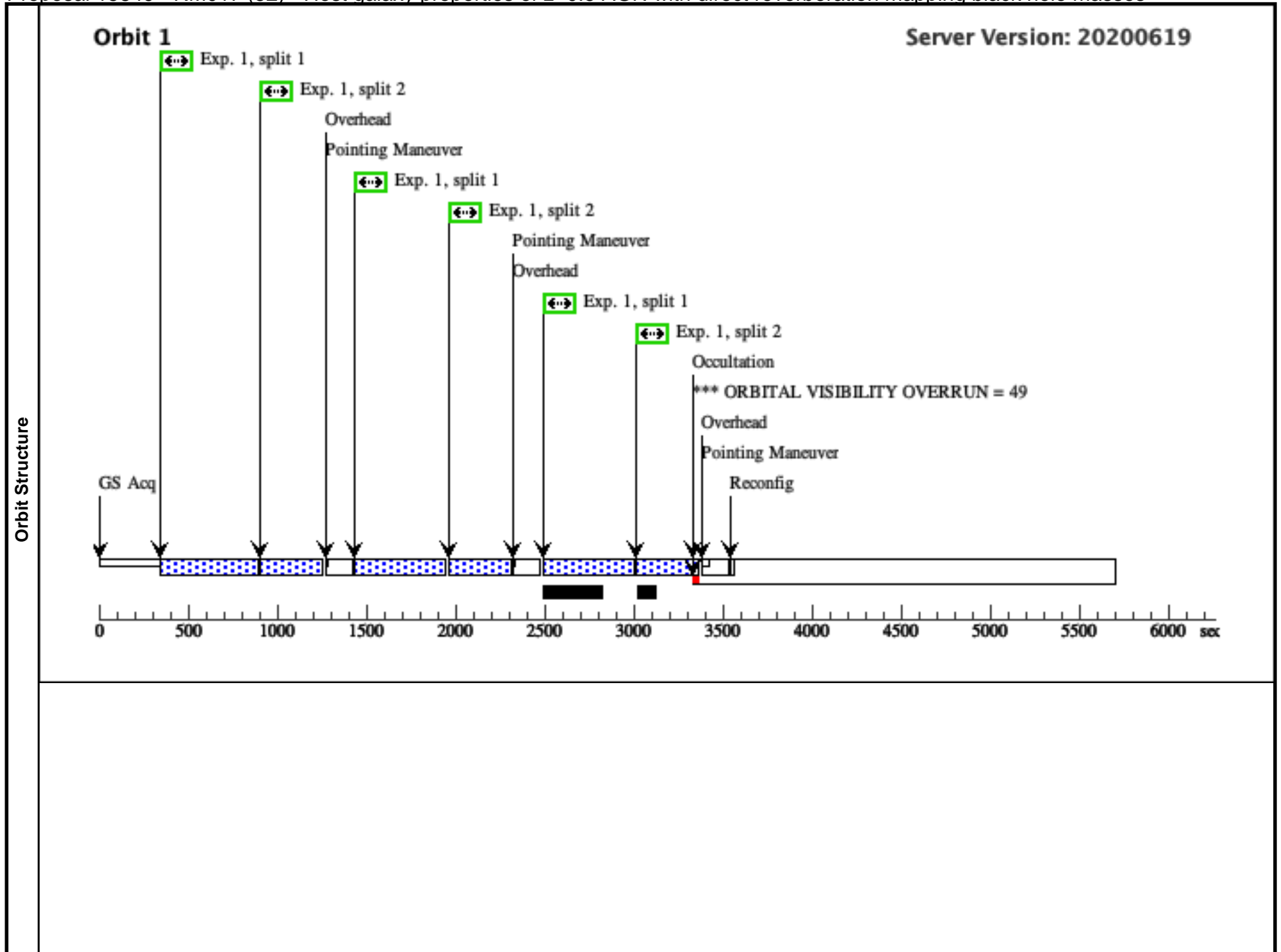
Proposal 15849 - RM017 (52) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

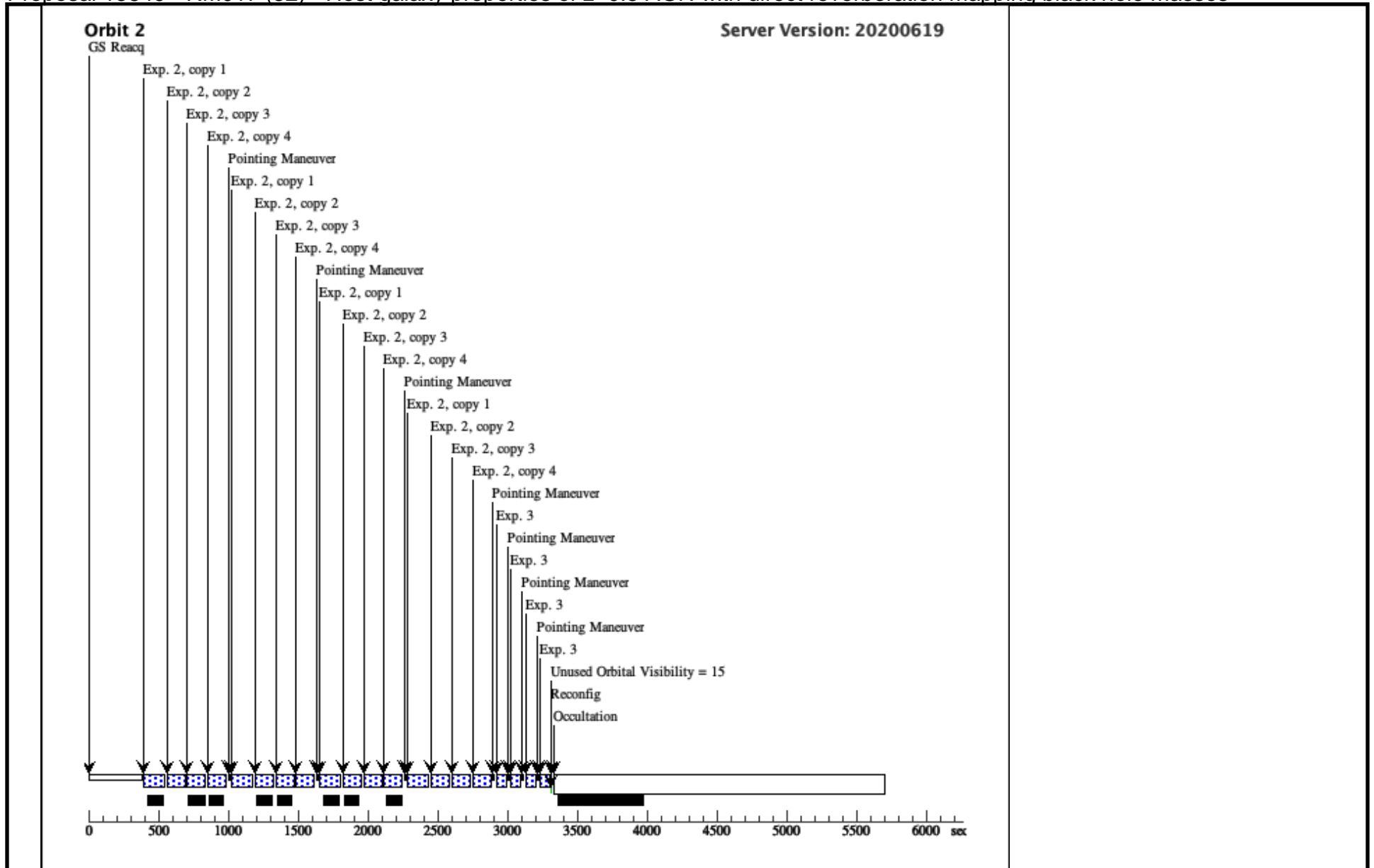
Fri Dec 18 12:02:10 GMT 2020

Visit	Proposal 15849, RM017 (52), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: Repeat of visit 11</i>					
	Diagnosics (RM017 (52)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	RM017	RA: 14 13 24.2760 (213.3511500d) Dec: +53 05 26.95 (53.09082d) Equinox: J2000		V=(?) r=19.870	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM017 (52) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(11) RM017	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 in RM017 (52) (2)	701 Secs (2103 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(11) RM017	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM017 (52) (1)	128.439646 Secs X 4 (2055.034 Secs)	
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(11) RM017	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM017 (52) (1)	41.754125 Secs (167.017 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]





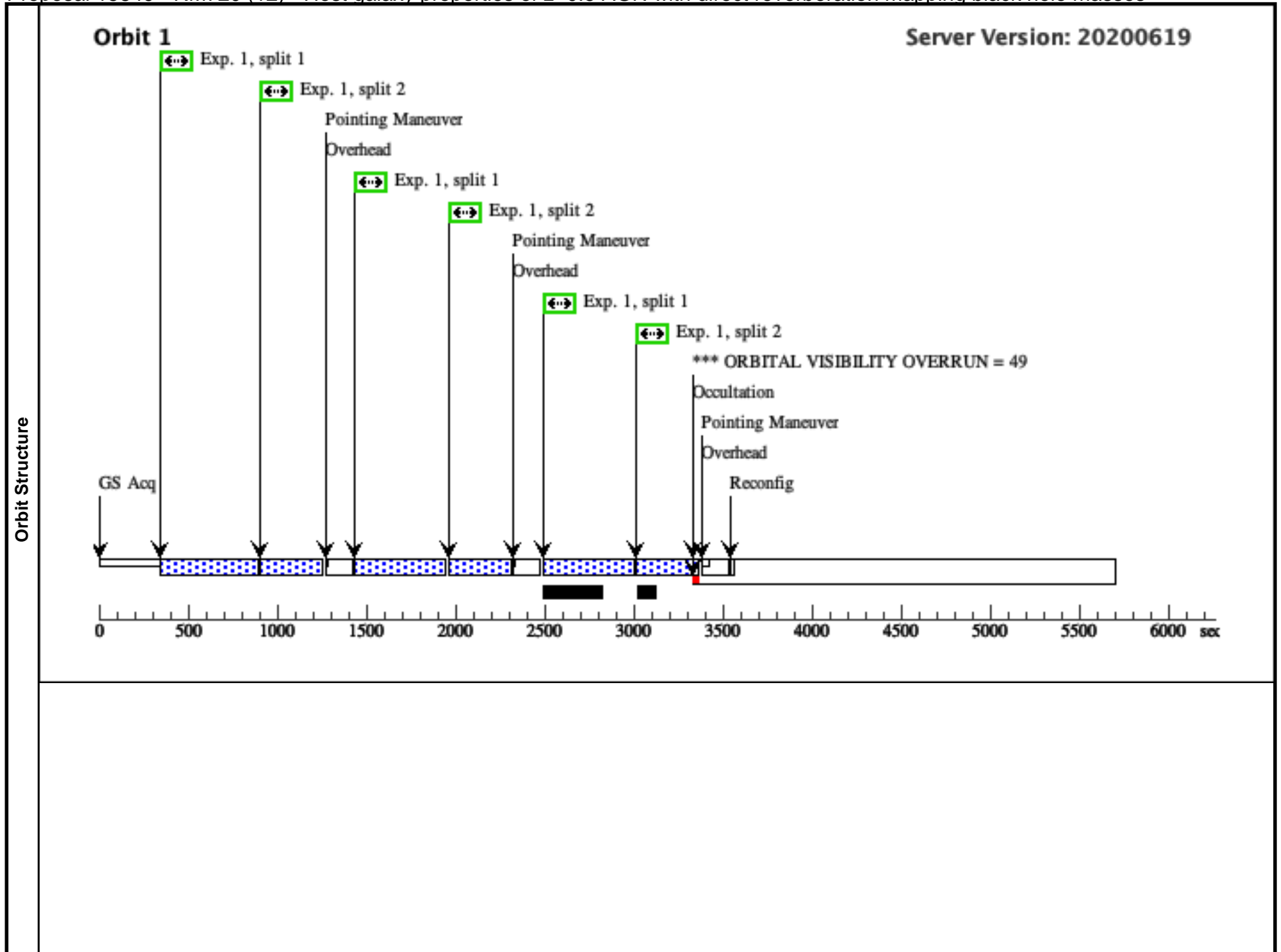
Proposal 15849 - RM720 (12) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

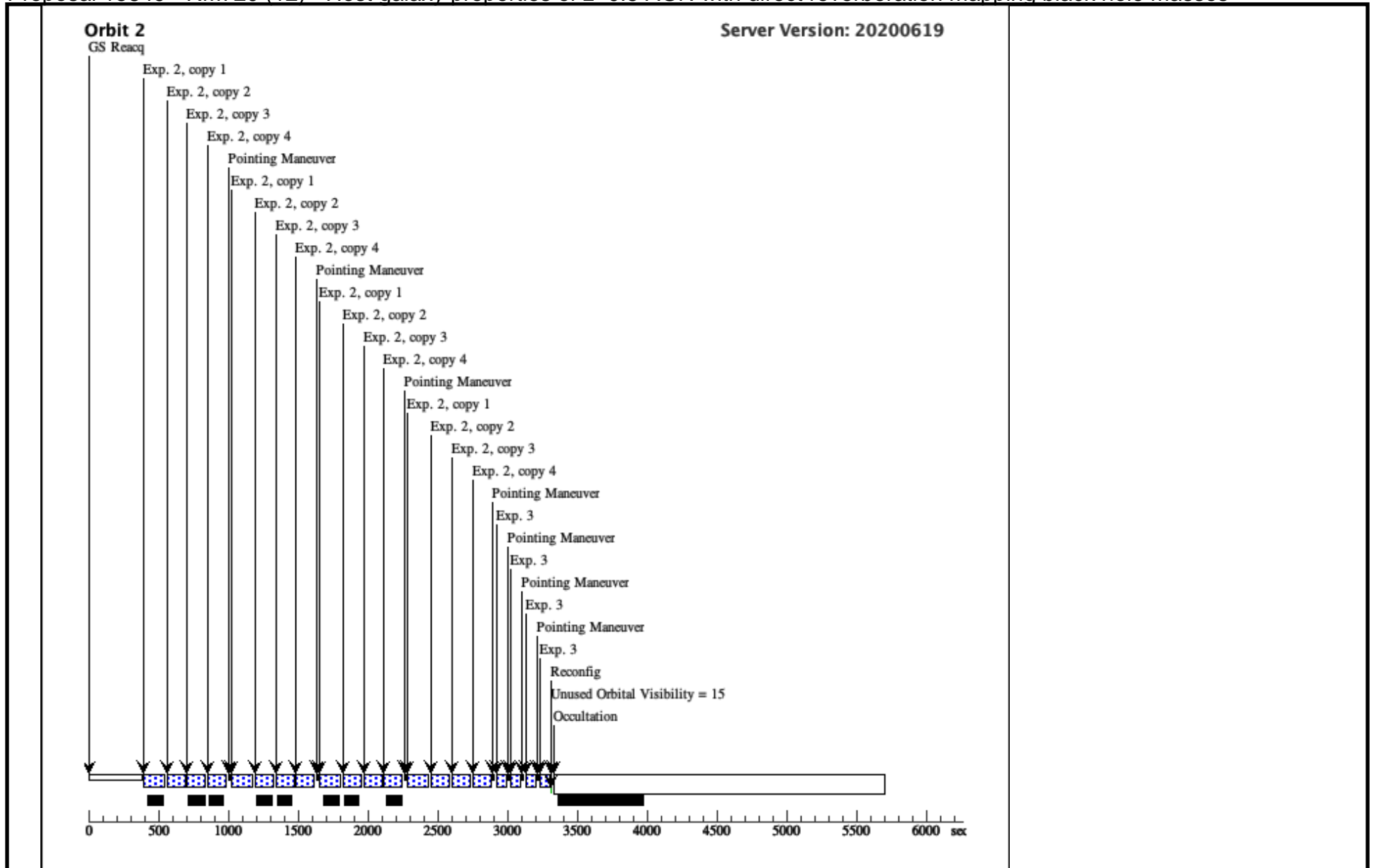
Fri Dec 18 12:02:10 GMT 2020

Visit	Proposal 15849, RM720 (12), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM720 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	RM720	RA: 14 05 18.0216 (211.3250900d) Dec: +53 15 30.02 (53.25834d) Equinox: J2000		V=(?) r=19.262	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM720 (12) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(12) RM720	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n RM720 (12) (2)	701 Secs (2103 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(12) RM720	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP2 5		Pattern 1, Exps 2-2 i n RM720 (12) (1)	128.439646 Secs X 4 (2055.034 Secs)	
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]
3	IR-F110W	(12) RM720	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPAR S5		Pattern 1, Exps 3-3 i n RM720 (12) (1)	41.754125 Secs (167.017 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]





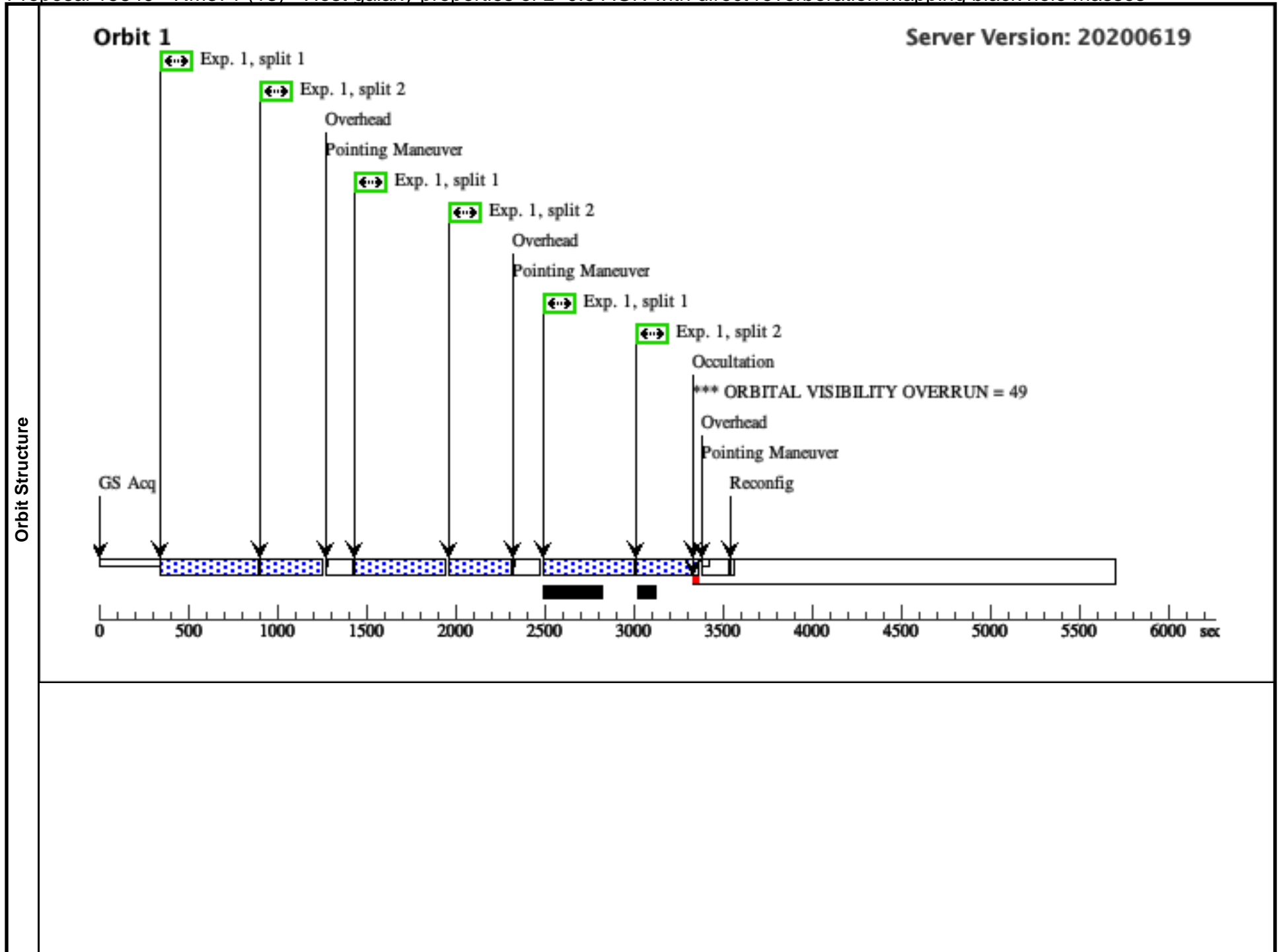
Proposal 15849 - RM371 (13) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

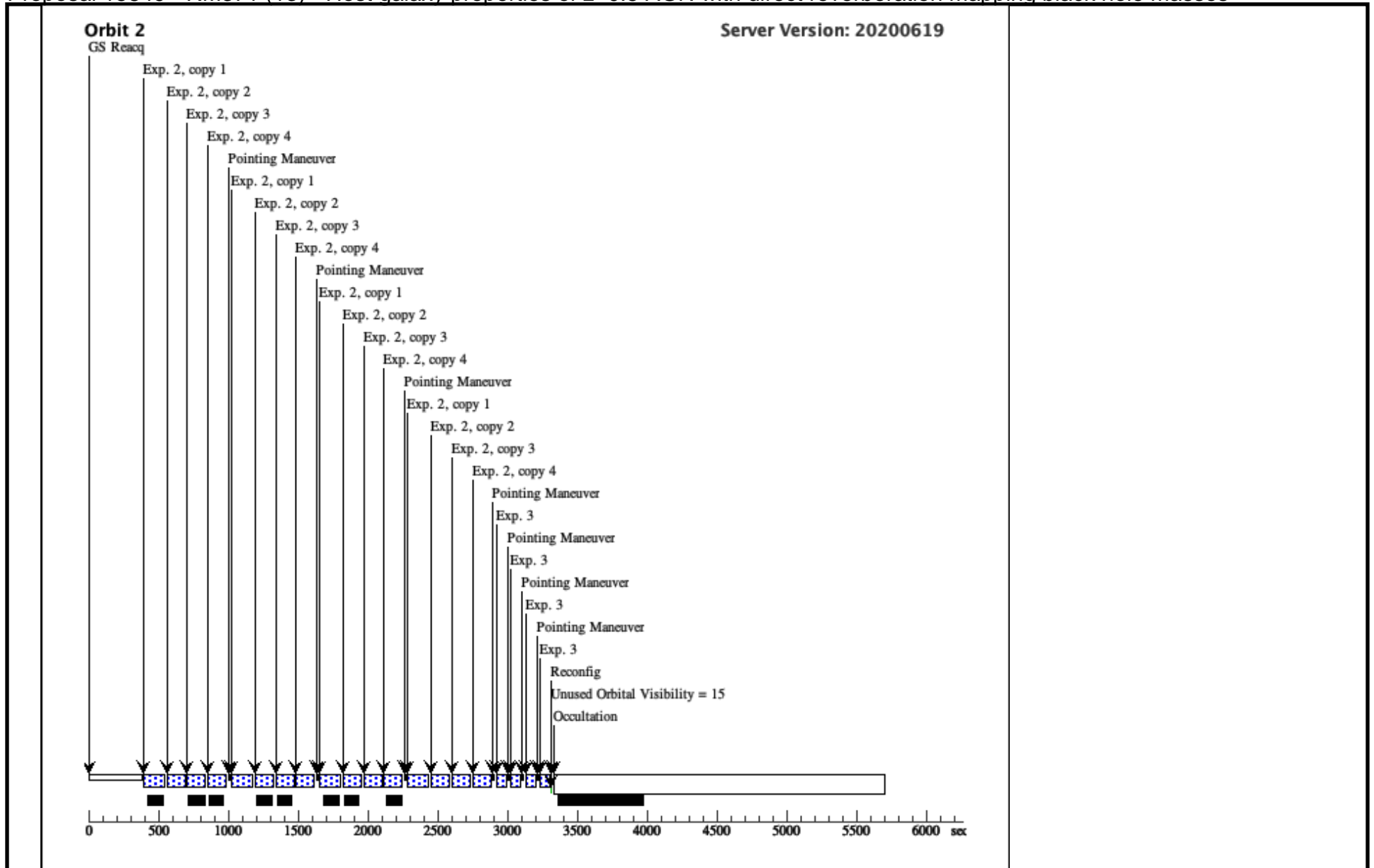
Fri Dec 18 12:02:10 GMT 2020

Visit	Proposal 15849, RM371 (13), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM371 (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(13)	RM371	RA: 14 11 23.4192 (212.8475800d) Dec: +52 13 31.68 (52.22547d) Equinox: J2000		V=(?) r=19.909	Reference Frame: ICRS
	<i>Comments:</i> <i>Category=GALAXY</i> <i>Description=[QUASAR]</i>					

Proposal 15849 - RM371 (13) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(13) RM371	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM371 (13) (2)	701 Secs (2103 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(13) RM371	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM371 (13) (1)	128.439646 Secs X 4 (2055.034 Secs)	
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(13) RM371	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM371 (13) (1)	41.754125 Secs (167.017 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]





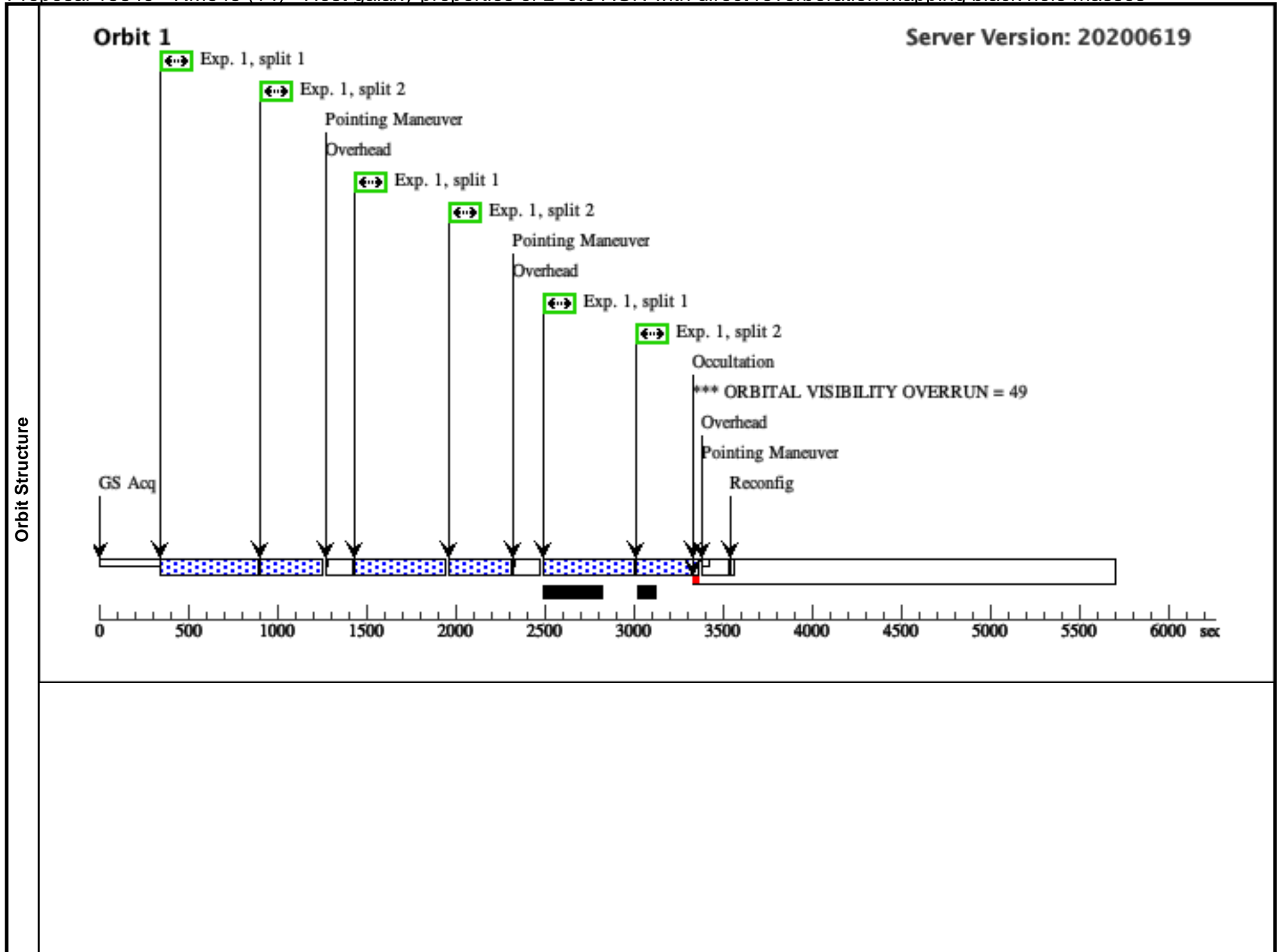
Proposal 15849 - RM645 (14) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

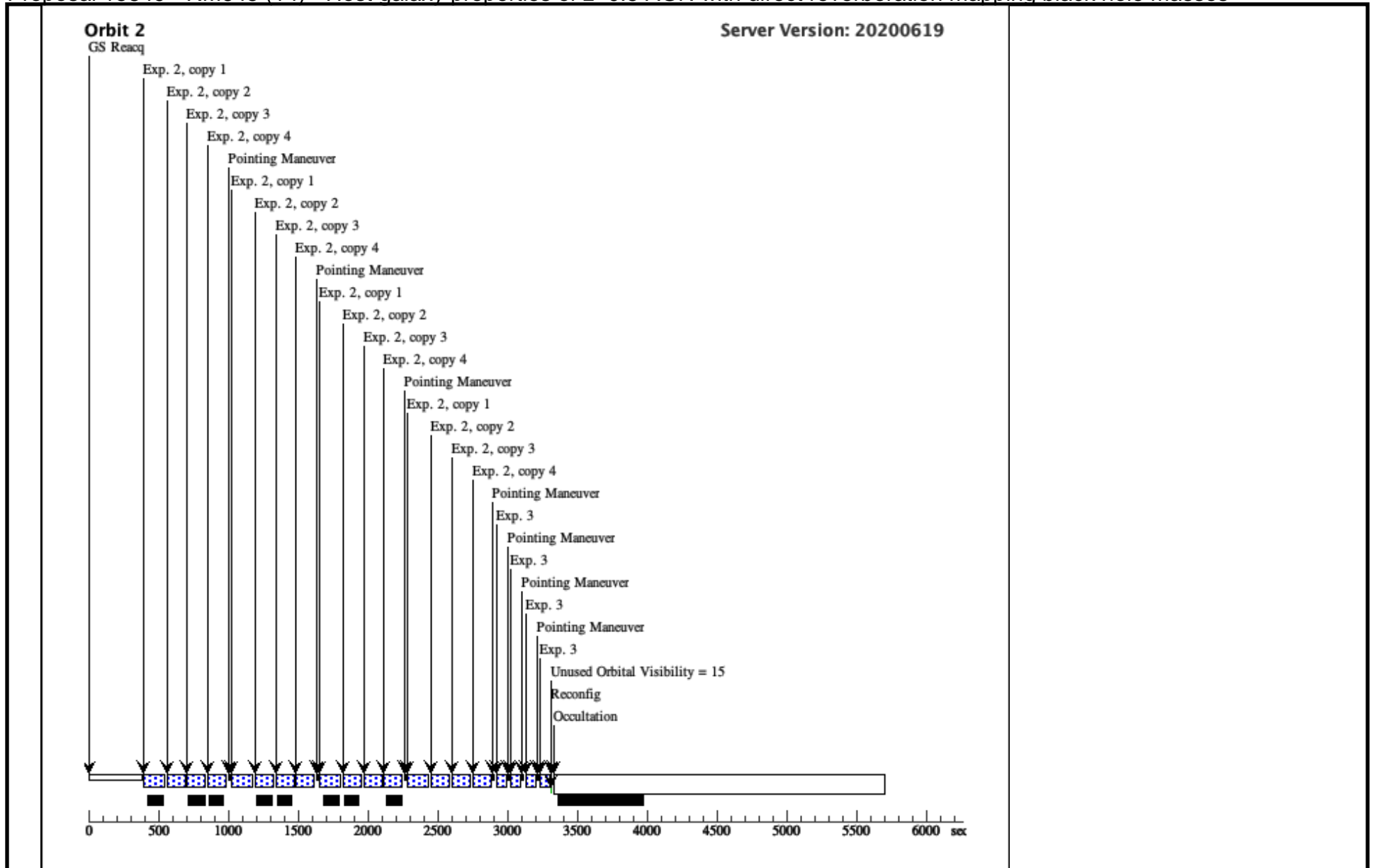
Fri Dec 18 12:02:10 GMT 2020

Visit	Proposal 15849, RM645 (14), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM645 (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	RM645	RA: 14 20 39.7968 (215.1658200d) Dec: +52 03 59.72 (52.06659d) Equinox: J2000		V=(?) r=20.244	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM645 (14) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(14) RM645	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 in RM645 (14) (2)	701 Secs (2103 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(14) RM645	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM645 (14) (1)	128.439646 Secs X 4 (2055.034 Secs)	
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(14) RM645	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM645 (14) (1)	41.754125 Secs (167.017 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]

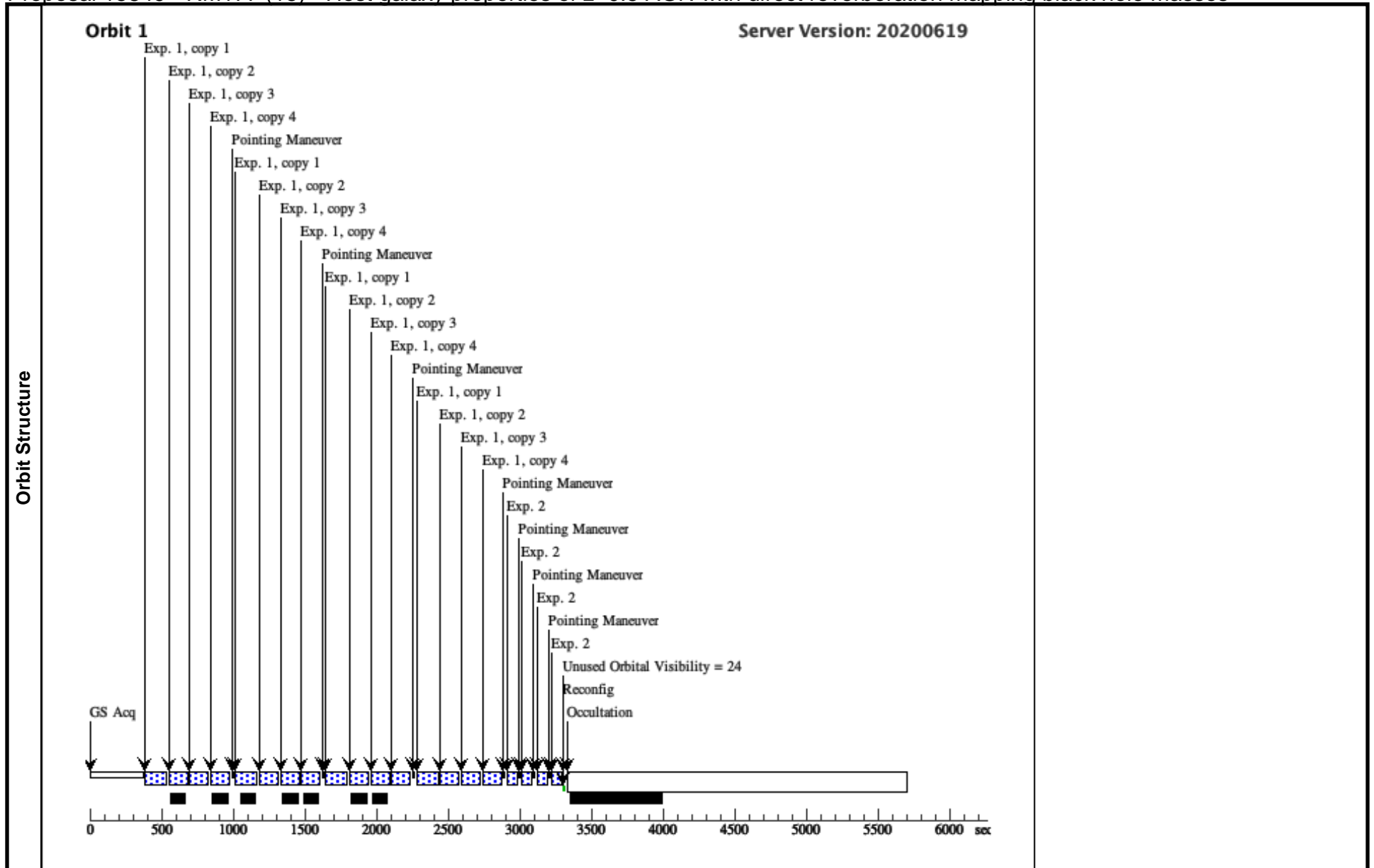




Proposal 15849 - RM177 (15) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

Fri Dec 18 12:02:10 GMT 2020

Visit	Proposal 15849, RM177 (15), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1), (2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	RM177	RA: 14 17 24.5904 (214.3524600d) Dec: +52 30 24.89 (52.50691d) Equinox: J2000		V=(?) r=19.771	Reference Frame: ICRS				
	<i>Comments:</i> <i>Category=GALAXY</i> <i>Description=[OUASAR]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(15) RM177		WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25	GS ACQ SCENARIO BASE1B3	Pattern 1, Exps 1-1 in RM177 (15) (1)	128.439646 Secs X 4 (2055.034 Secs)	
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[1]
	2	(15) RM177		WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 2-2 in RM177 (15) (1)	41.754125 Secs (167.017 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



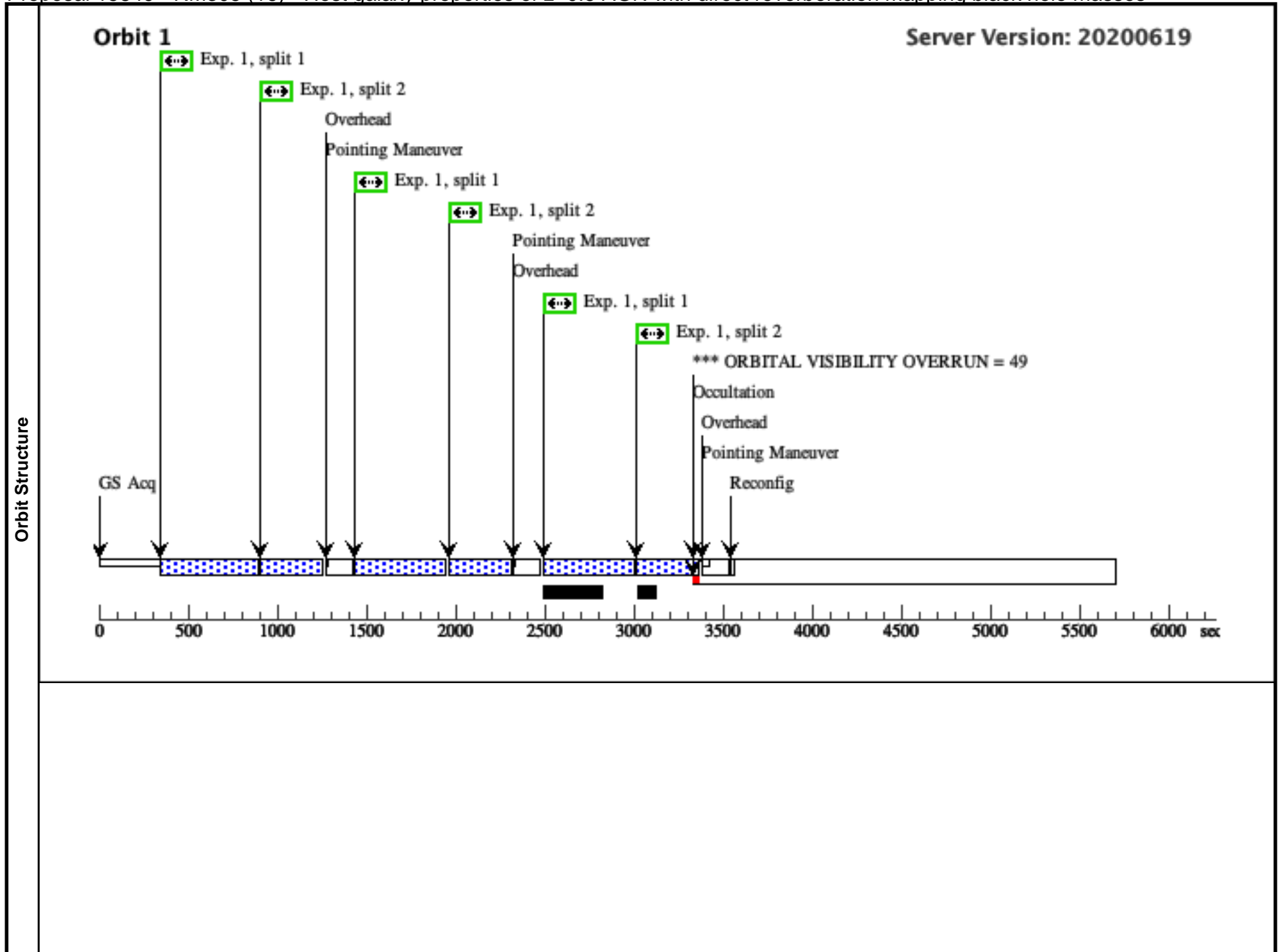
Proposal 15849 - RM305 (16) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

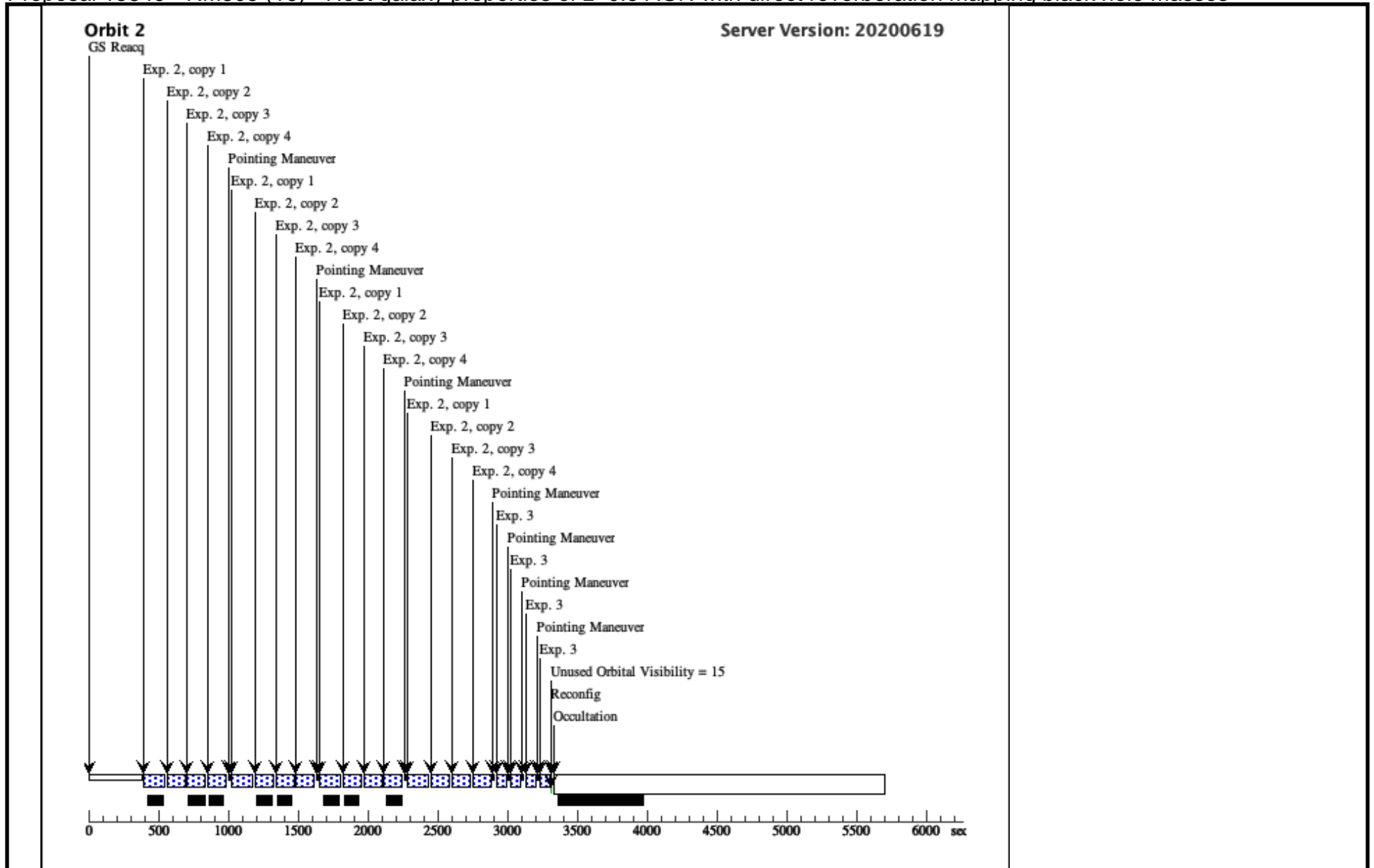
Fri Dec 18 12:02:10 GMT 2020

Visit	Proposal 15849, RM305 (16), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM305 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	RM305	RA: 14 10 4.2720 (212.5178000d) Dec: +52 31 41.00 (52.52806d) Equinox: J2000		V=(?) r=19.781	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM305 (16) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(16) RM305	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 in RM305 (16) (2)	701 Secs (2103 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(16) RM305	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM305 (16) (1)	128.439646 Secs X 4 (2055.034 Secs)	
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(16) RM305	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM305 (16) (1)	41.754125 Secs (167.017 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]





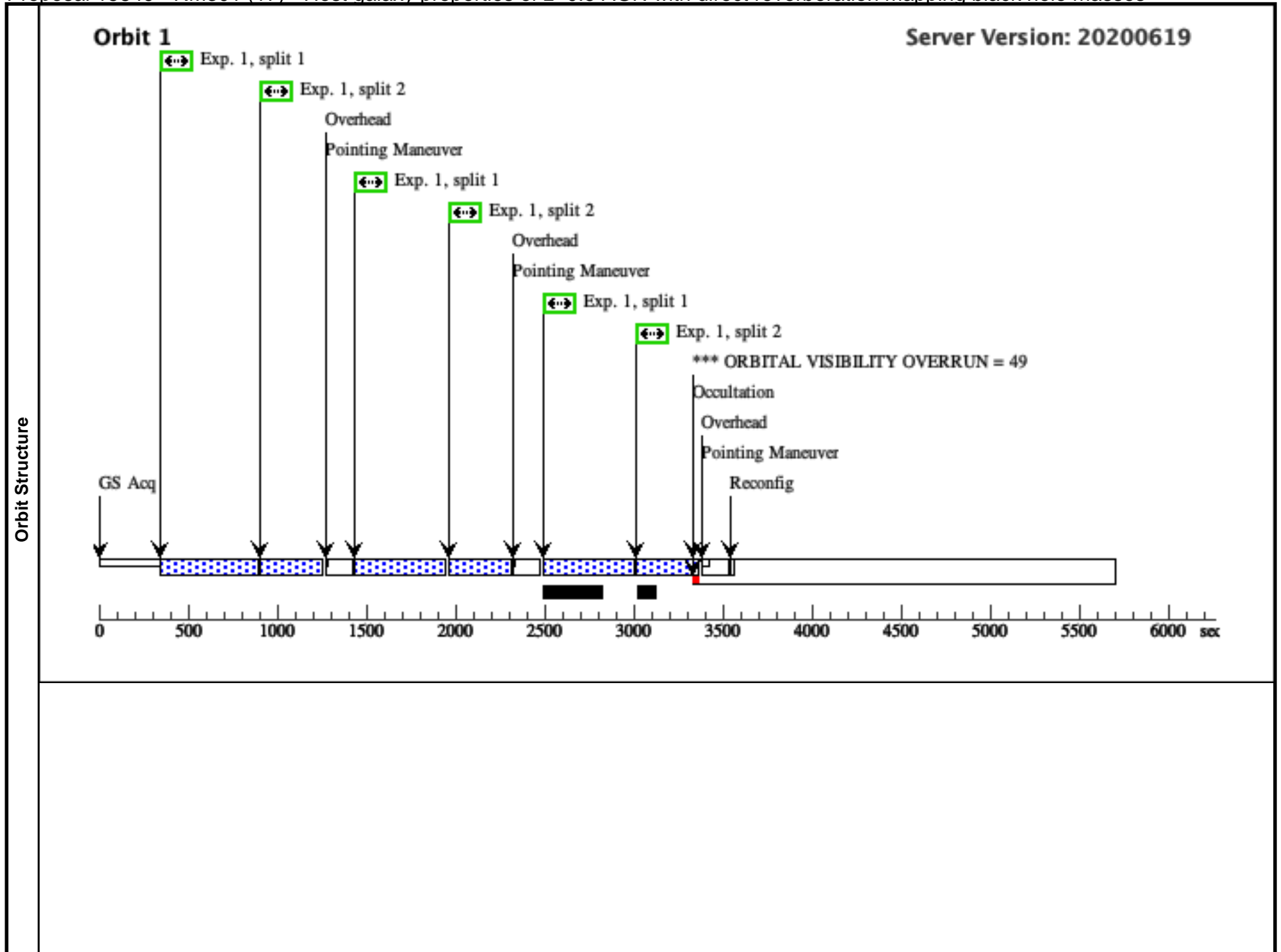
Proposal 15849 - RM301 (17) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

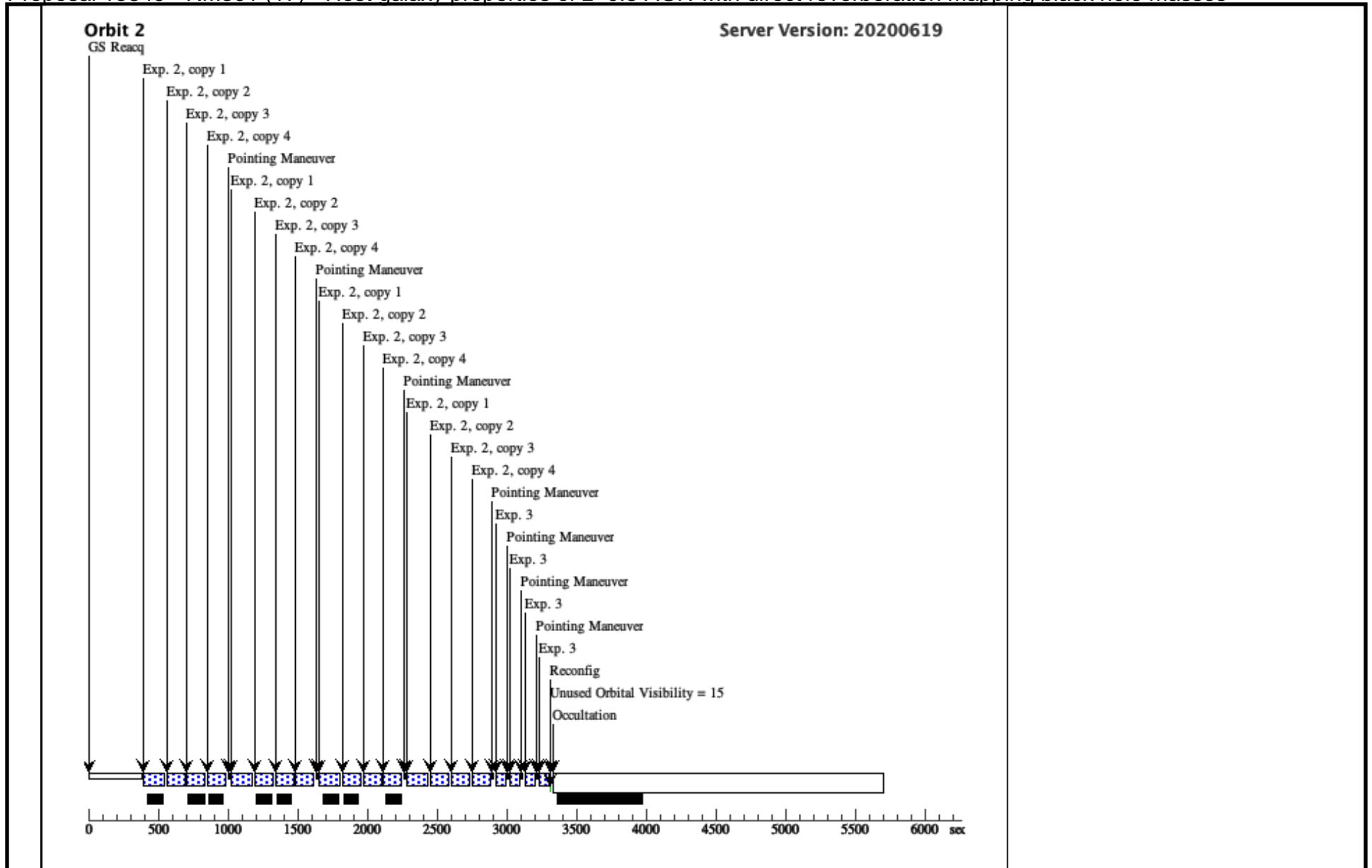
Fri Dec 18 12:02:10 GMT 2020

Visit	Proposal 15849, RM301 (17), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM301 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	RM301	RA: 14 20 10.2456 (215.0426900d) Dec: +52 40 29.63 (52.67490d) Equinox: J2000		V=(?) r=20.036	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM301 (17) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(17) RM301	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM301 (17) (2)	701 Secs (2103 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(17) RM301	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM301 (17) (1)	128.439646 Secs X 4 (2055.034 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(17) RM301	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM301 (17) (1)	41.754125 Secs (167.017 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]





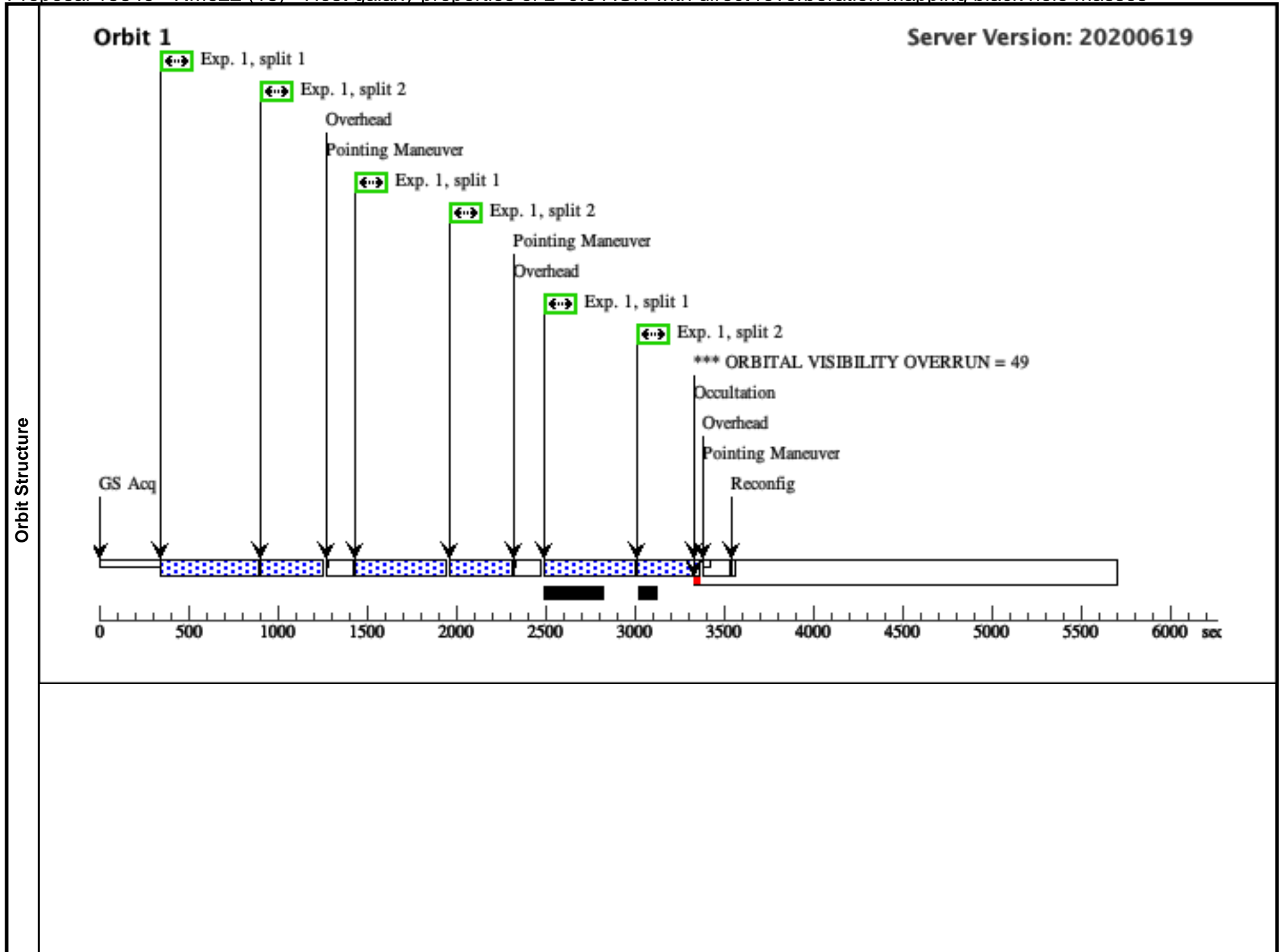
Proposal 15849 - RM622 (18) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

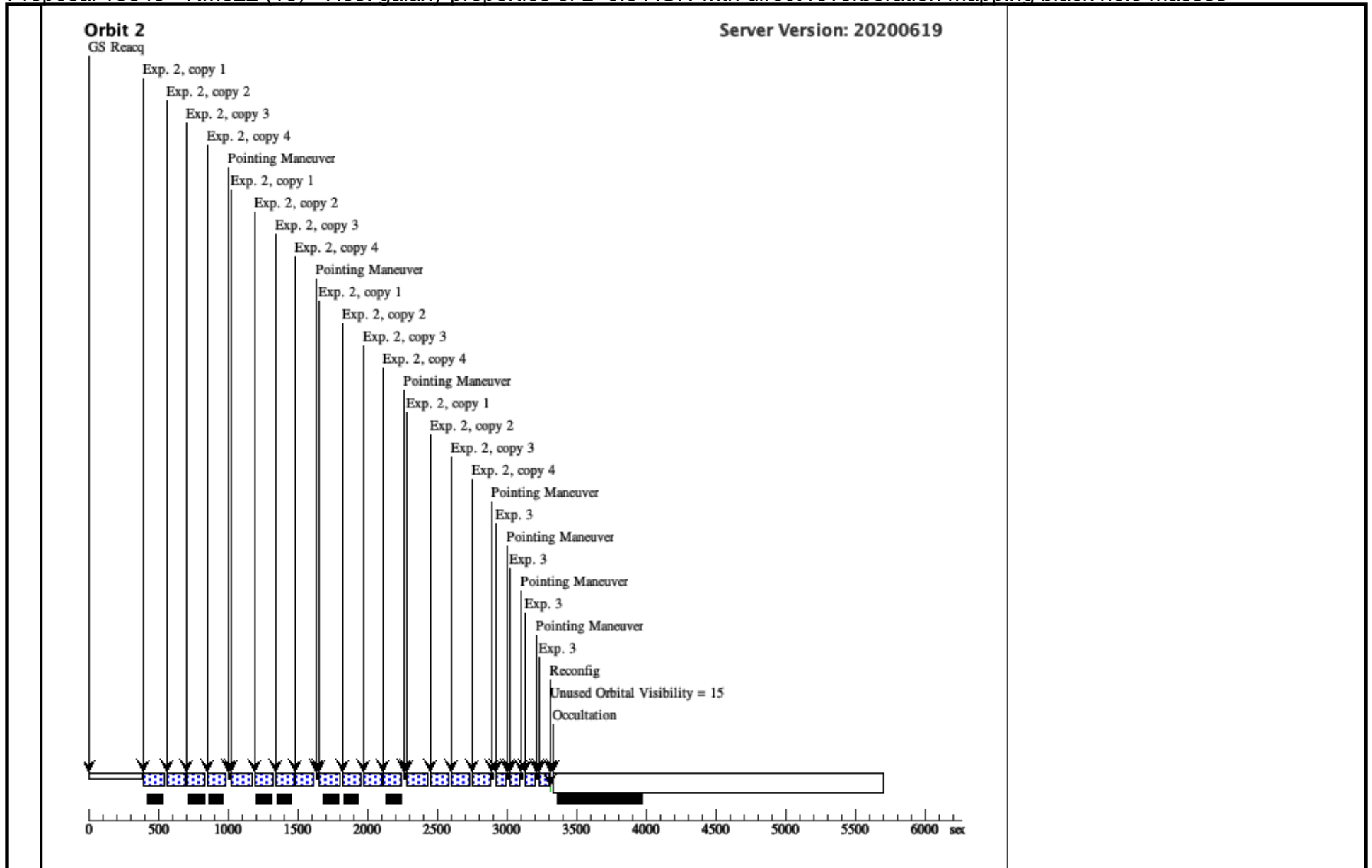
Fri Dec 18 12:02:10 GMT 2020

Visit	Proposal 15849, RM622 (18), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM622 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	RM622	RA: 14 11 15.1872 (212.8132800d) Dec: +51 52 8.99 (51.86916d) Equinox: J2000		V=(?) r=19.976	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM622 (18) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F606 W	(18) RM622	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 in RM622 (18) (2)	701 Secs (2103 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(18) RM622	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM622 (18) (1)	128.439646 Secs X 4 (2055.034 Secs)	
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]
	3	IR-F110W	(18) RM622	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM622 (18) (1)	41.754125 Secs (167.017 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]





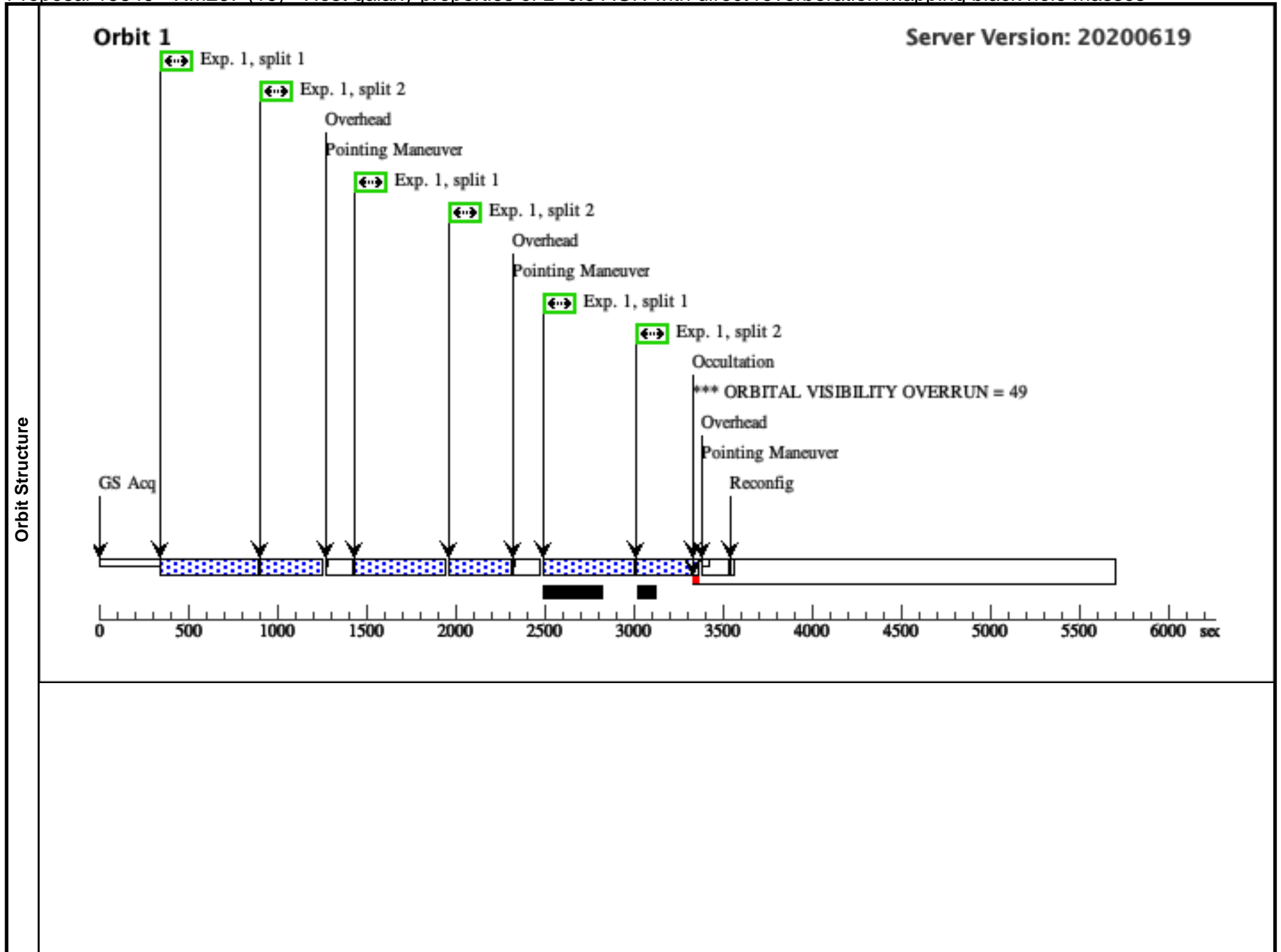
Proposal 15849 - RM267 (19) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

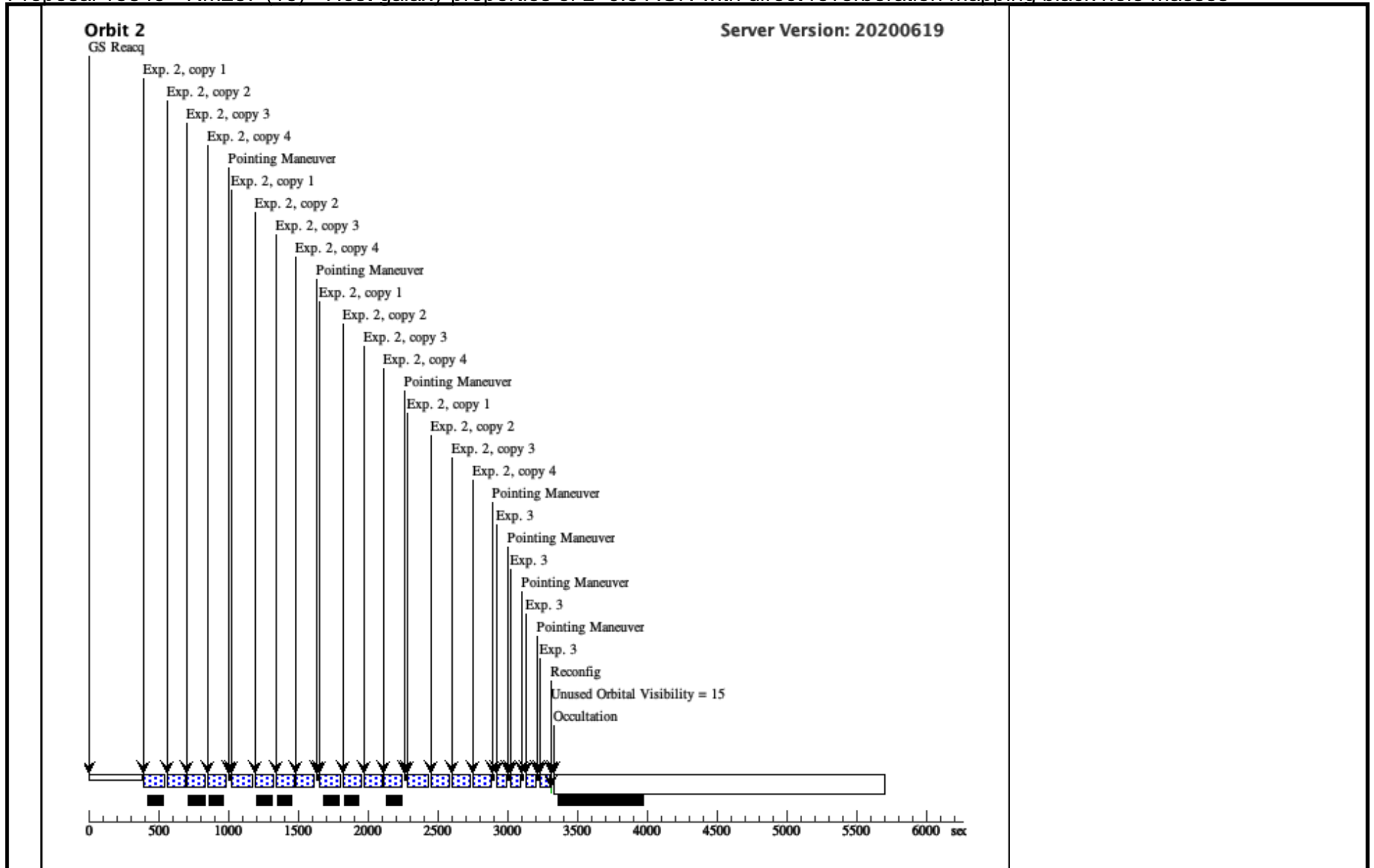
Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, RM267 (19), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM267 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(19)	RM267	RA: 14 11 12.7176 (212.8029900d) Dec: +53 45 7.15 (53.75199d) Equinox: J2000		V=(?) r=19.906	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM267 (19) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVIS-F606 W	(19) RM267	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	CR-SPLIT=2	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n RM267 (19) (2)	701 Secs (2103 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F110W	(19) RM267	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=10; SAMP-SEQ=STEP2 5		Pattern 1, Exps 2-2 i n RM267 (19) (1)	128.439646 Secs X 4 (2055.034 Sec s)	
								[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]	
3	IR-F110W	(19) RM267	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=15; SAMP-SEQ=SPAR S5		Pattern 1, Exps 3-3 i n RM267 (19) (1)	41.754125 Secs (167.017 Secs)		
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





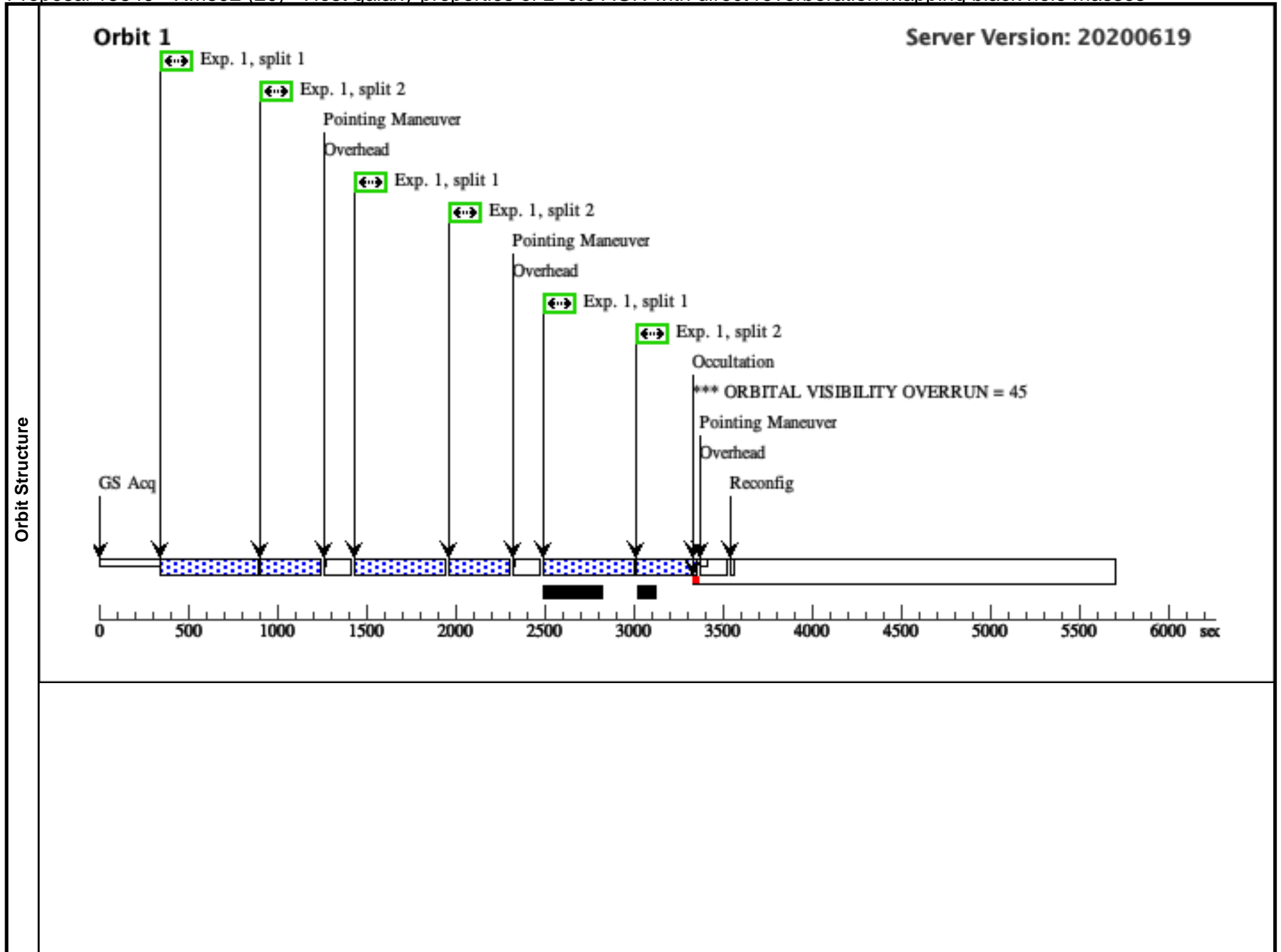
Proposal 15849 - RM392 (20) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

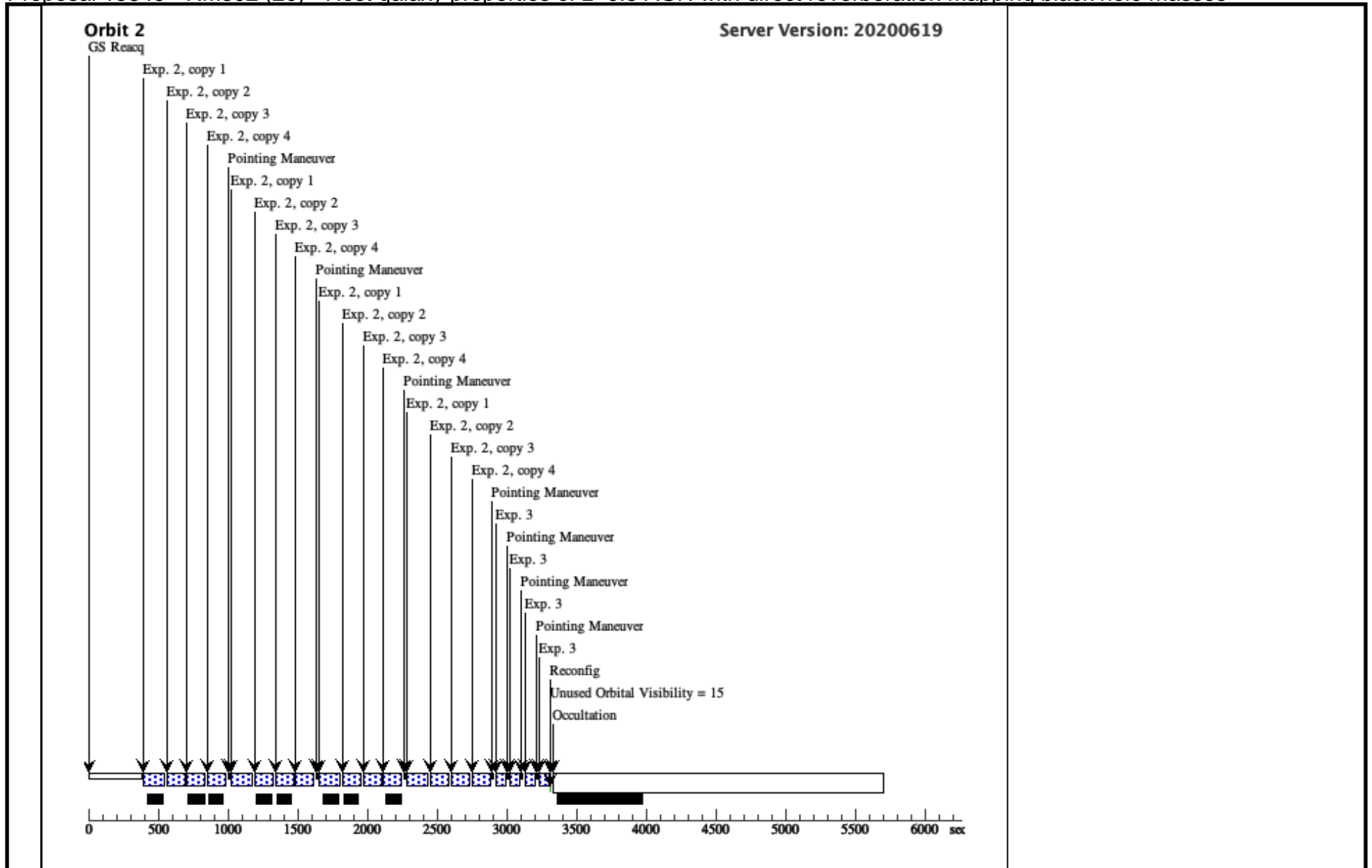
Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, RM392 (20), failed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM392 (20)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	RM392	RA: 14 21 12.2900 (215.3012083d) Dec: +52 41 47.30 (52.69647d) Equinox: J2000		V=(?) r=20.443	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QUASAR]					

Proposal 15849 - RM392 (20) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVIS-F814W	(20) RM392	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	CR-SPLIT=2; FLASH=4	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM392 (20) (2)	694 Secs (2082 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F140W	(20) RM392	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM392 (20) (1)	128.439646 Secs X 4 (2055.034 Secs)	
								[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]	
3	IR-F140W	(20) RM392	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM392 (20) (1)	41.754125 Secs (167.017 Secs)		
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	

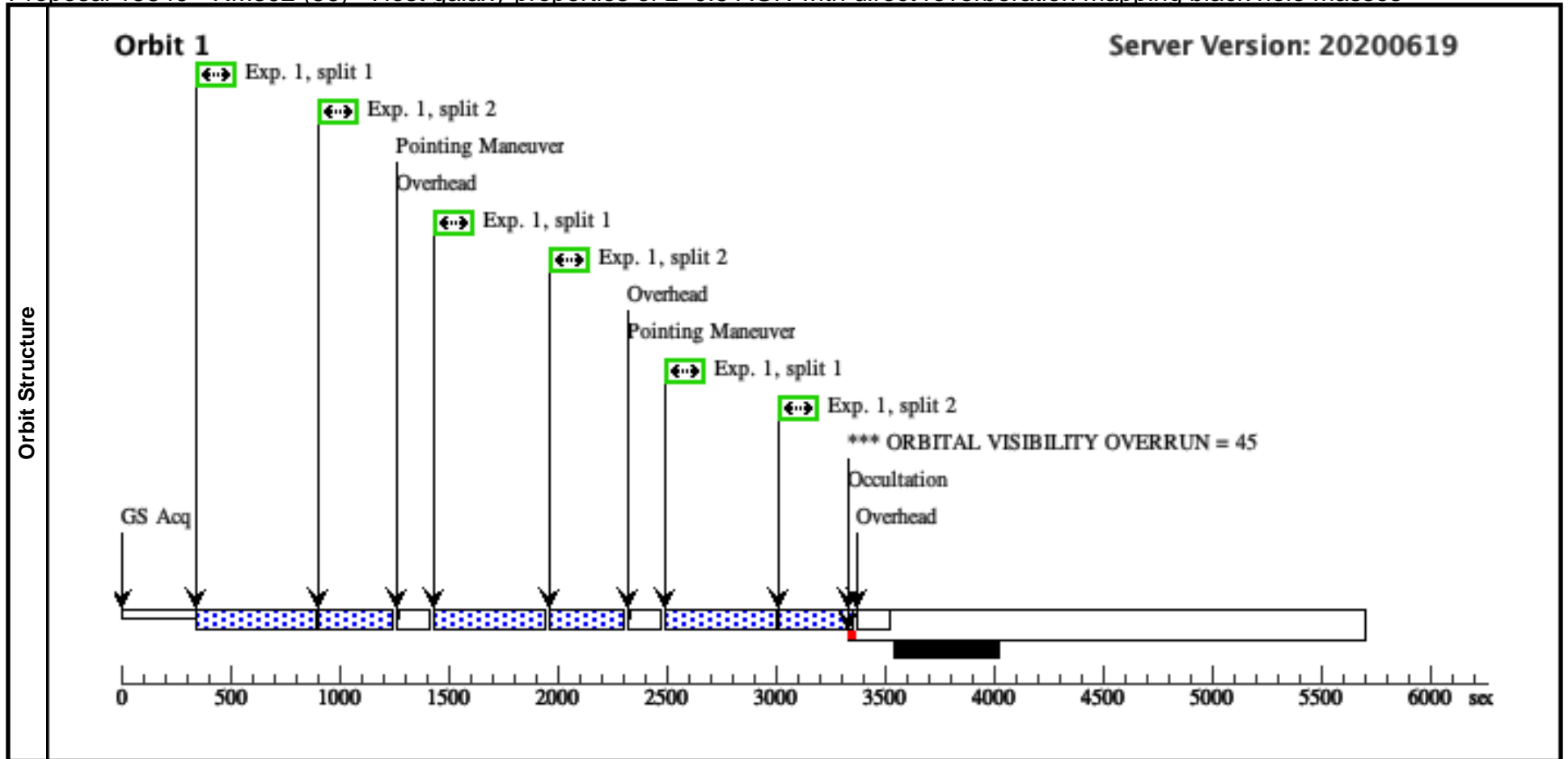




Proposal 15849 - RM392 (56) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, RM392 (56), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) <i>Comments: Repeat of first orbit from visit 20.</i>									
	Diagnosics (RM392 (56)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Patterns	#	Primary Pattern	Secondary Pattern			Exposures				
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	RM392	RA: 14 21 12.2900 (215.3012083d) Dec: +52 41 47.30 (52.69647d) Equinox: J2000		V=(?) r=20.443	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVIS-F814 W	(20) RM392	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	CR-SPLIT=2; FLASH=4	GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 in RM392 (56) (2)	694 Secs (2082 Secs) [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]



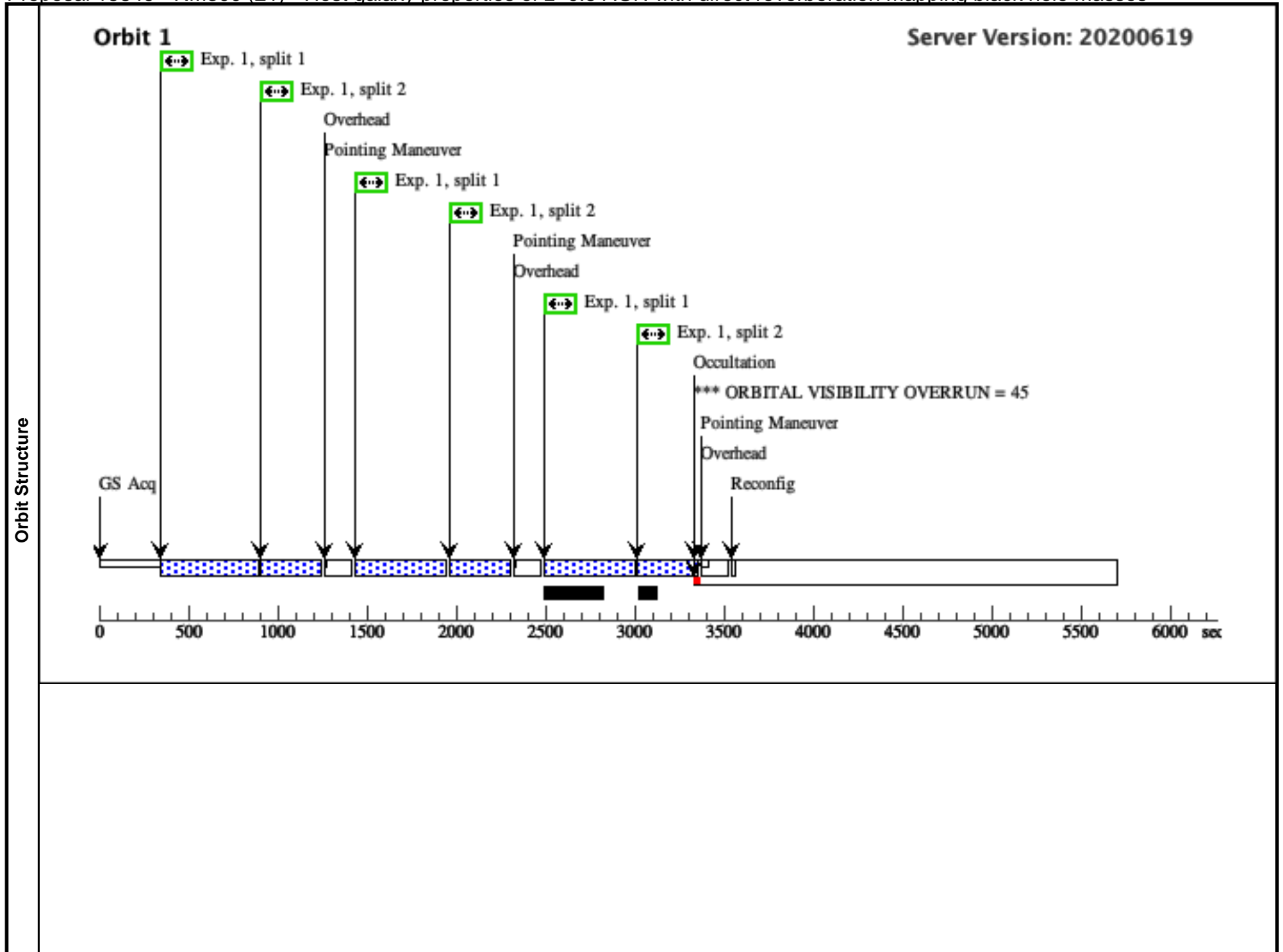
Proposal 15849 - RM300 (21) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

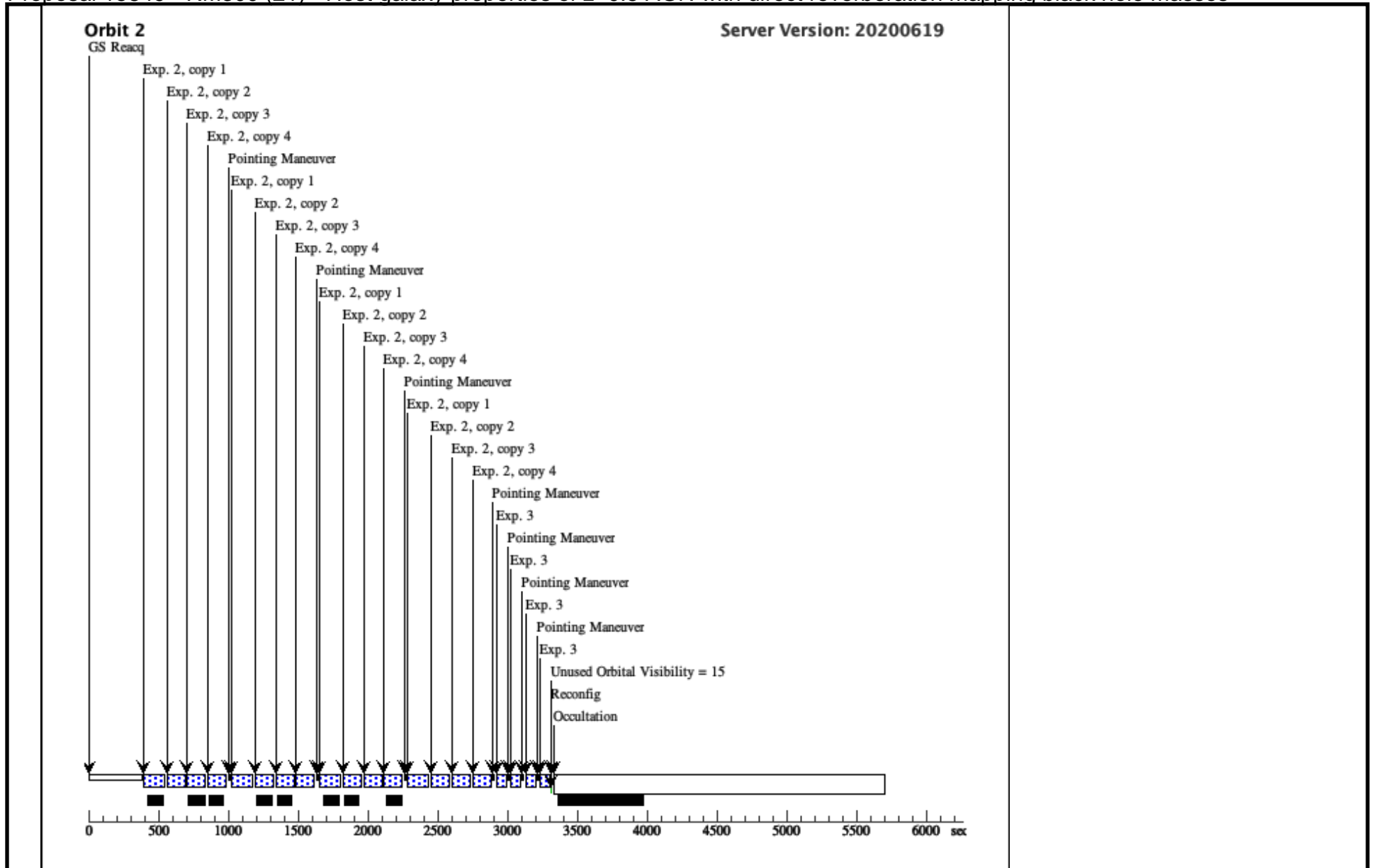
Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, RM300 (21), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM300 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(21)	RM300	RA: 14 19 41.1072 (214.9212800d) Dec: +53 36 49.63 (53.61379d) Equinox: J2000		V=(?) r=19.541	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QUASAR]					

Proposal 15849 - RM300 (21) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVIS-F814W	(21) RM300	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	CR-SPLIT=2; FLASH=4	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM300 (21) (2)	694 Secs (2082 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	2	IR-F140W	(21) RM300	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM300 (21) (1)	128.439646 Secs X 4 (2055.034 Secs)	
								[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]	
3	IR-F140W	(21) RM300	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM300 (21) (1)	41.754125 Secs (167.017 Secs)		
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





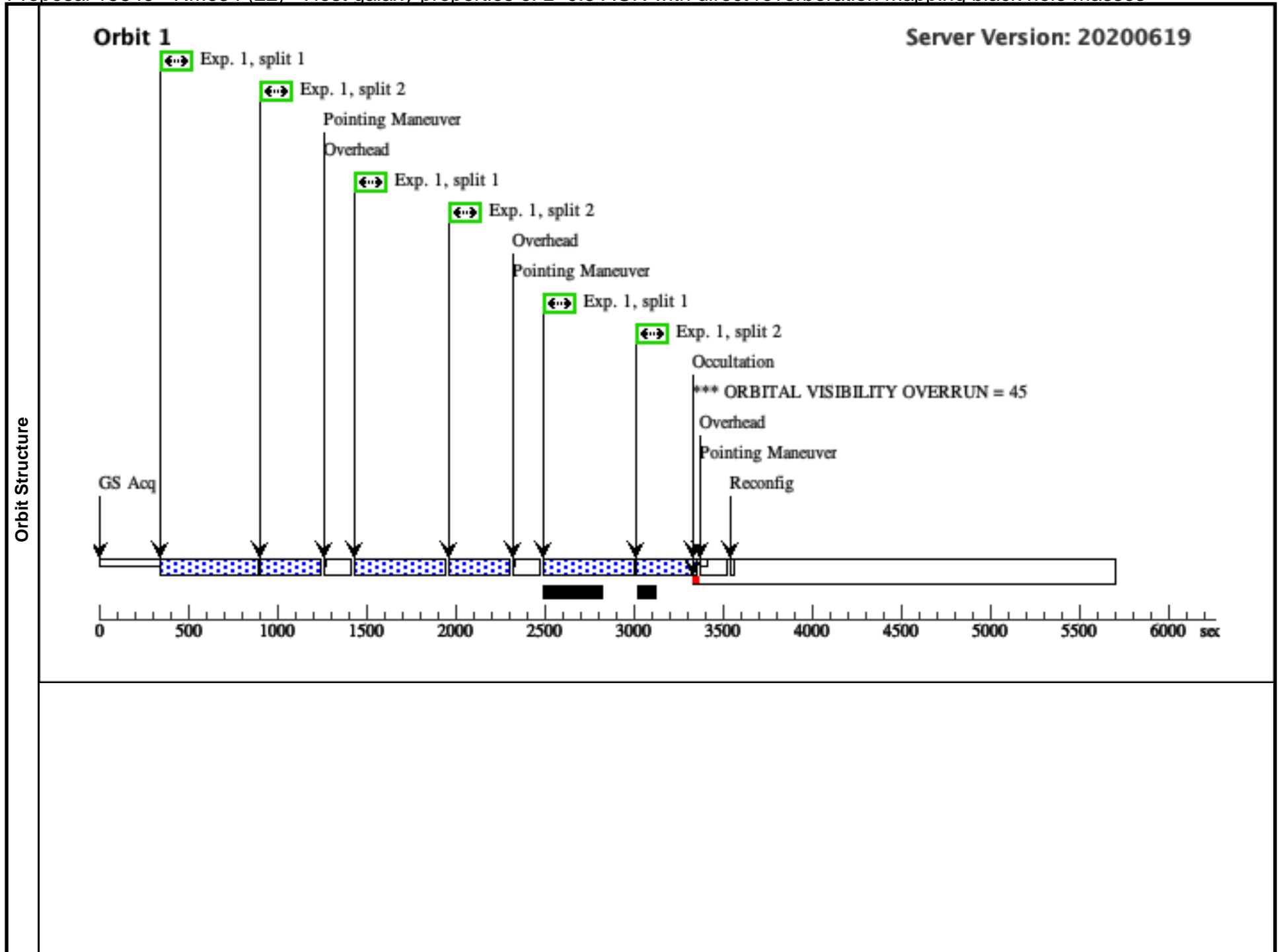
Proposal 15849 - RM634 (22) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

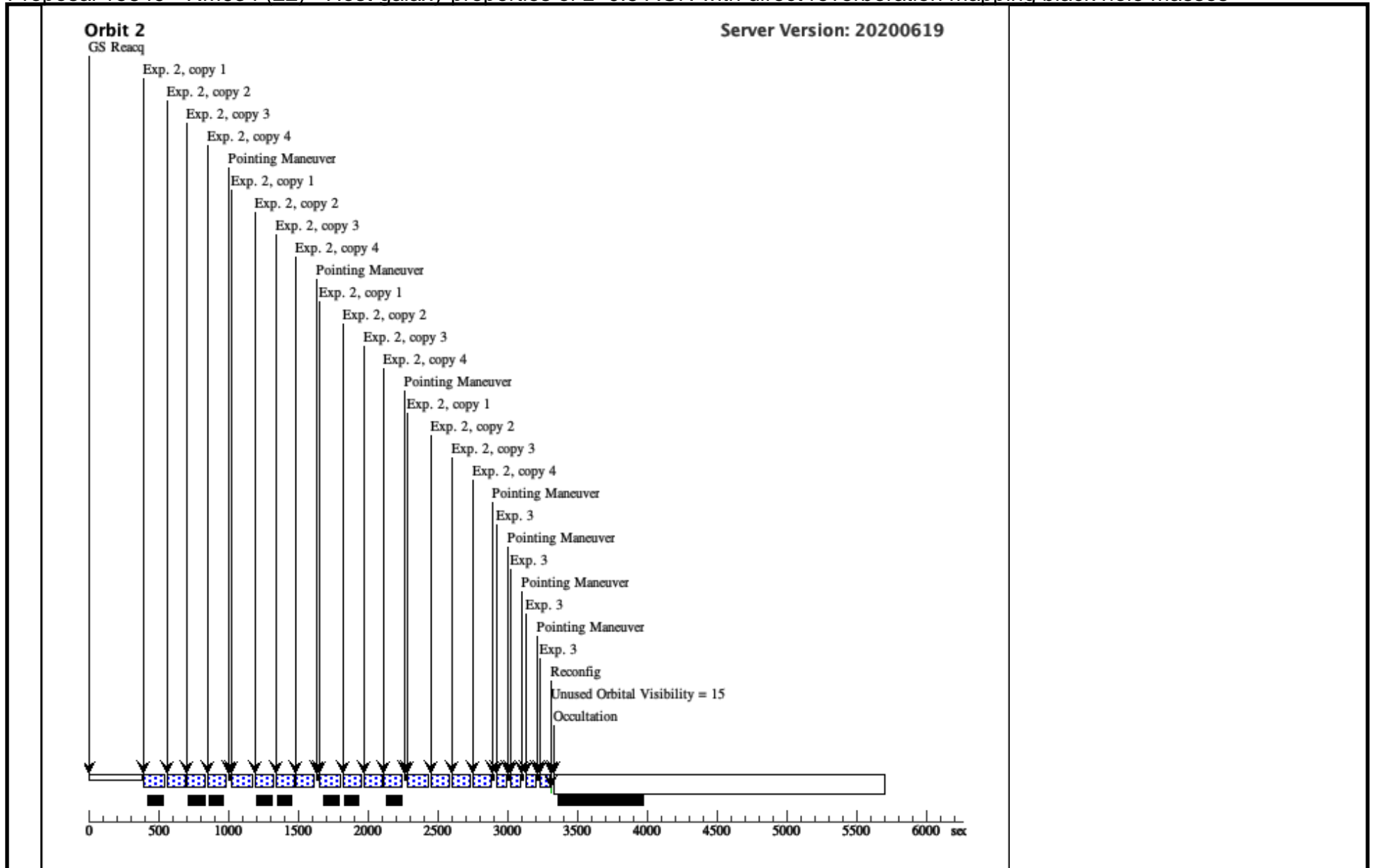
Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, RM634 (22), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM634 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(22)	RM634	RA: 14 11 35.8872 (212.8995300d) Dec: +51 50 4.52 (51.83459d) Equinox: J2000		V=(?) r=21.183	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM634 (22) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	UVIS-F814W	(22) RM634	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	CR-SPLIT=2; FLASH=4	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM634 (22) (2)	694 Secs (2082 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]
	2	IR-F140W	(22) RM634	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM634 (22) (1)	128.439646 Secs X 4 (2055.034 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[2]
	3	IR-F140W	(22) RM634	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM634 (22) (1)	41.754125 Secs (167.017 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]





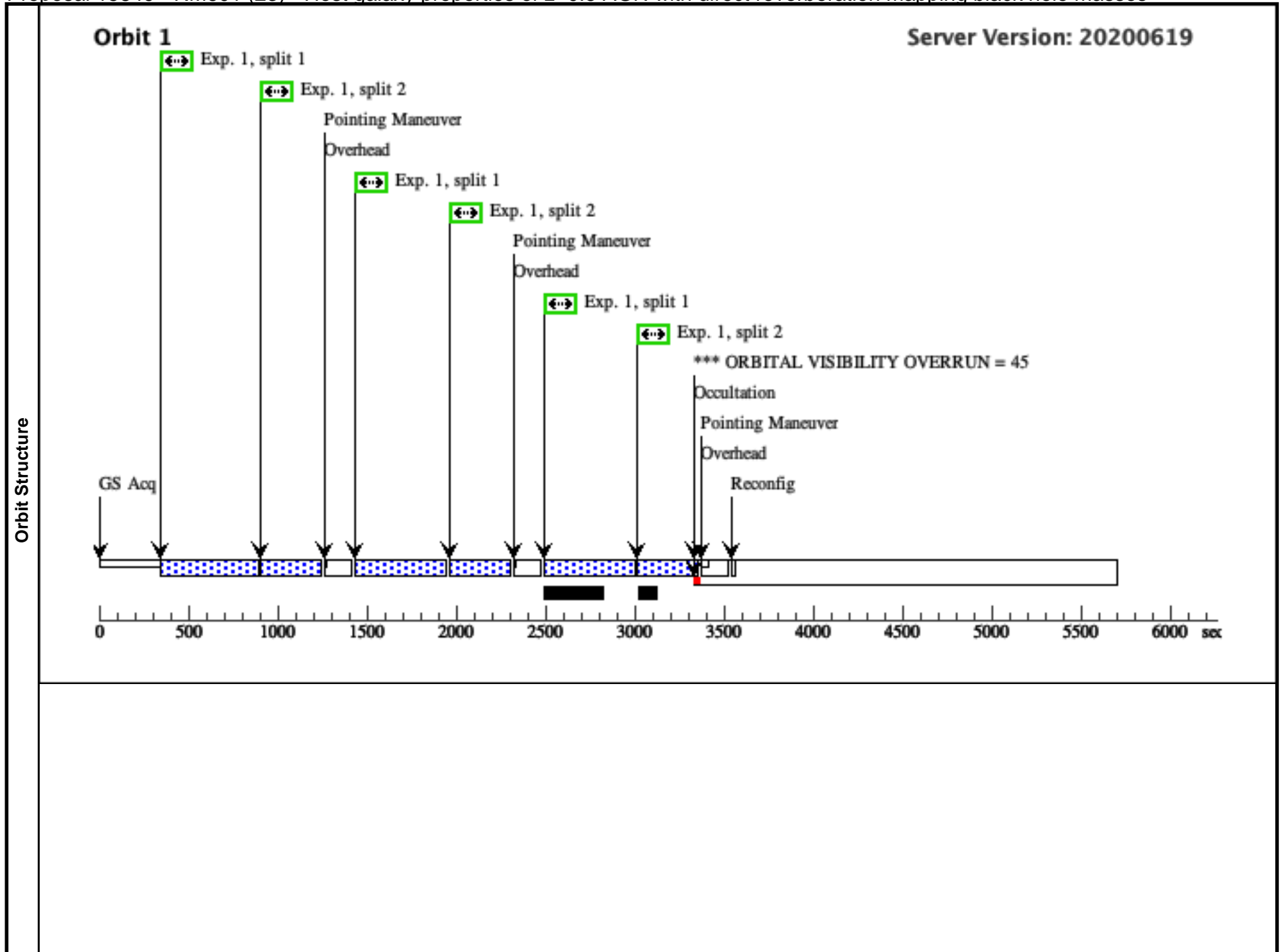
Proposal 15849 - RM601 (23) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

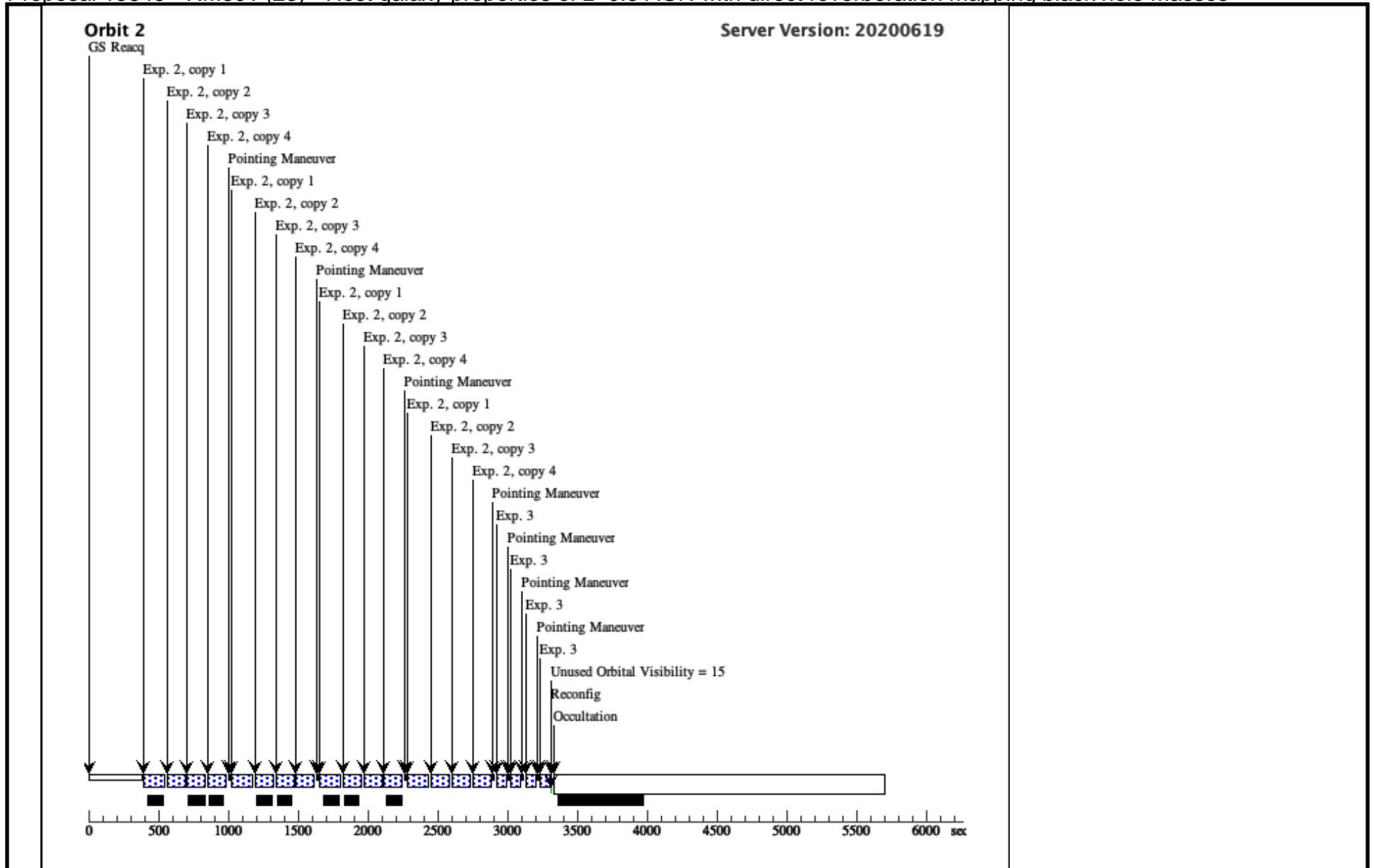
Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, RM601 (23), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM601 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(23)	RM601	RA: 14 09 4.4280 (212.2684500d) Dec: +54 03 44.25 (54.06229d) Equinox: J2000		V=(?) r=20.205	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM601 (23) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F814 W	(23) RM601	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	CR-SPLIT=2; FLASH=4	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM601 (23) (2)	694 Secs (2082 Secs)	
								[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]	
	2	IR-F140W	(23) RM601	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM601 (23) (1)	128.439646 Secs X 4 (2055.034 Secs)	
								[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]	
	3	IR-F140W	(23) RM601	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM601 (23) (1)	41.754125 Secs (167.017 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





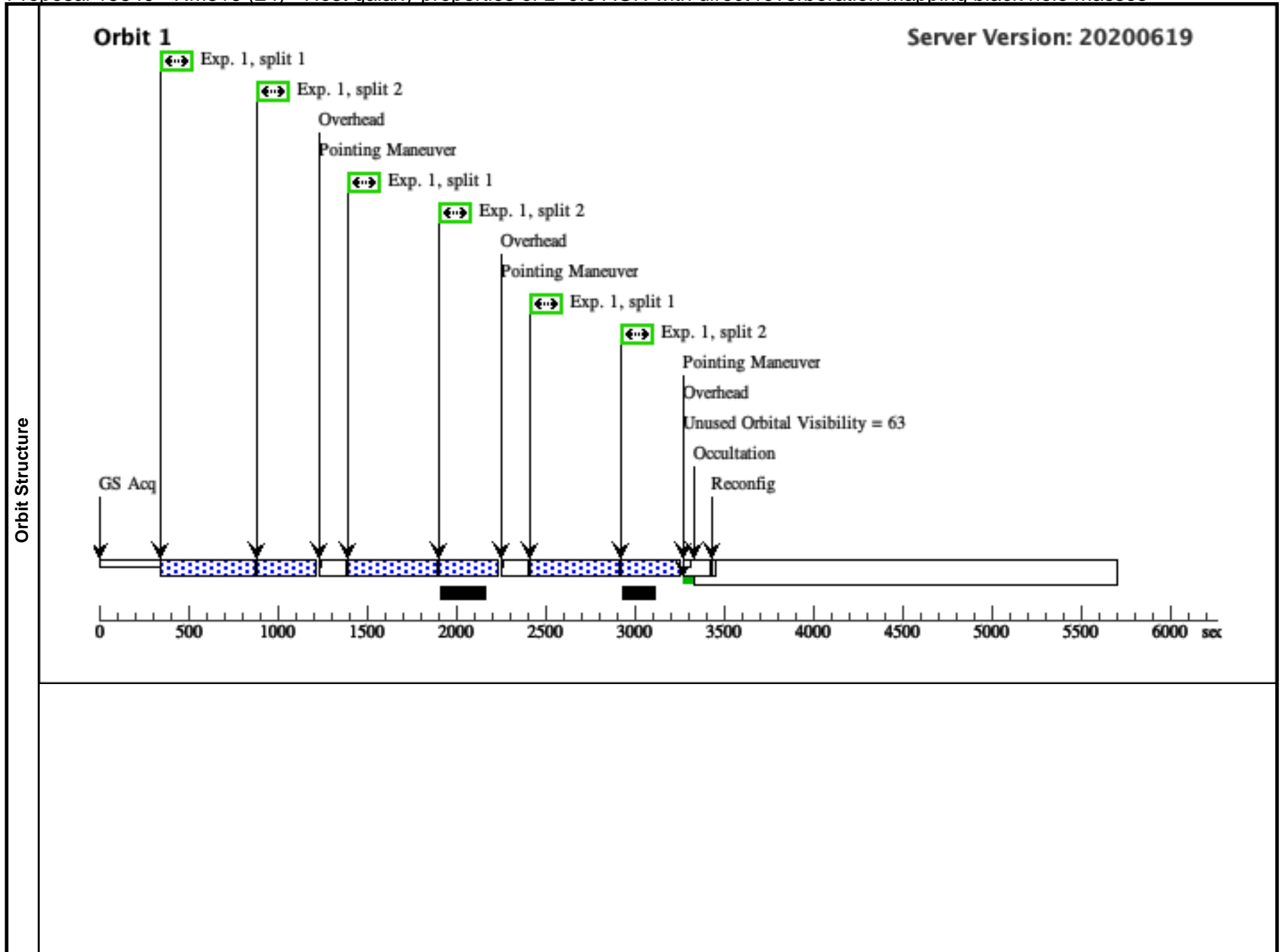
Proposal 15849 - RM316 (24) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

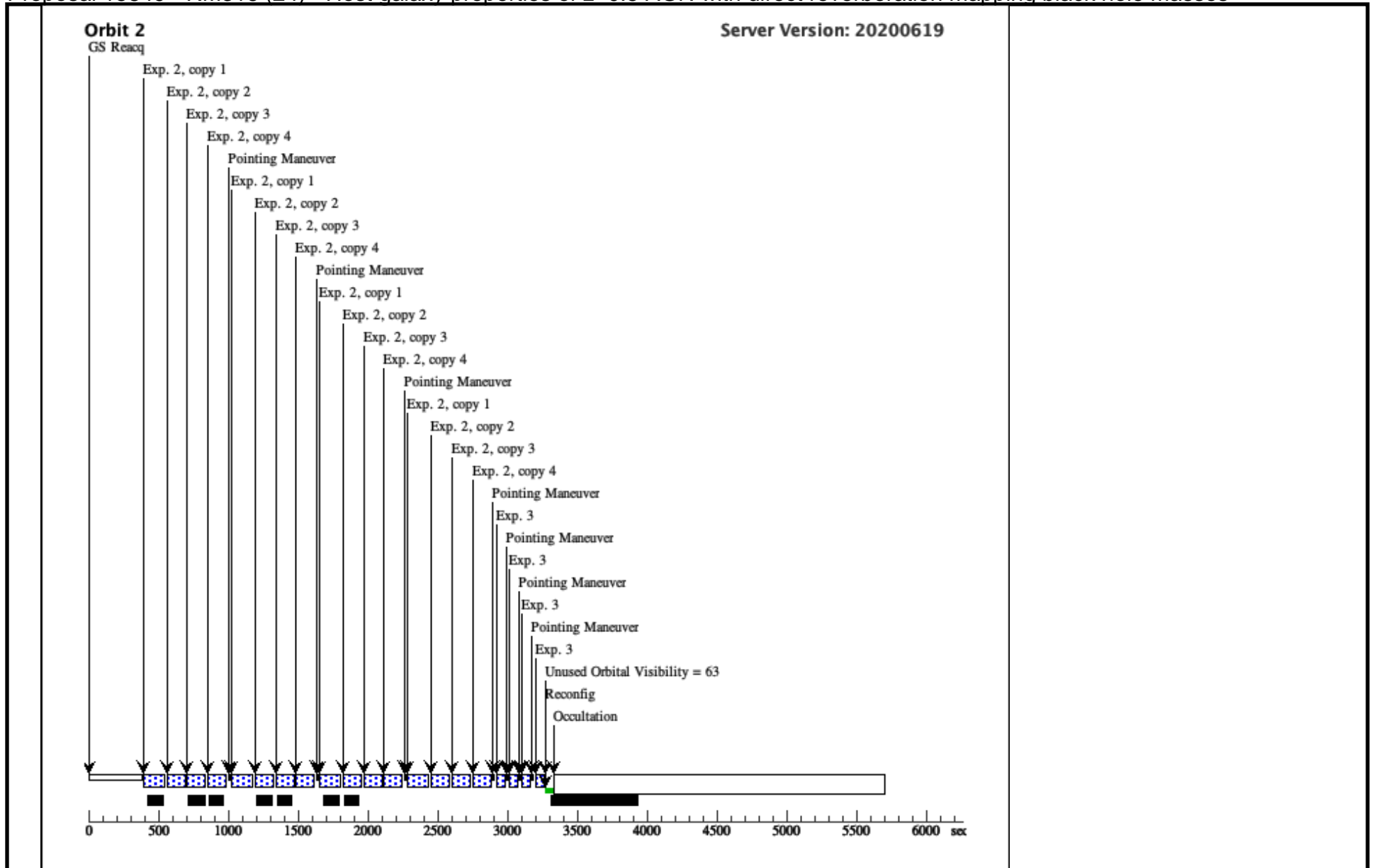
Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, RM316 (24), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(24)	RM316	RA: 14 20 52.4376 (215.2184900d) Dec: +52 56 22.42 (52.93956d) Equinox: J2000		V=(?) r=18.018	Reference Frame: ICRS
	<i>Comments:</i> <i>Category=GALAXY</i> <i>Description=[QUASAR]</i>					

Proposal 15849 - RM316 (24) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F814 W	(24) RM316	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	CR-SPLIT=2; FLASH=4	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM316 (24) (2)	658 Secs (1974 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]
	2	IR-F140W	(24) RM316	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM316 (24) (1)	128.439646 Secs X 4 (2055.034 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[2]
	3	IR-F140W	(24) RM316	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=11; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM316 (24) (1)	30.068097 Secs (120.272 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]





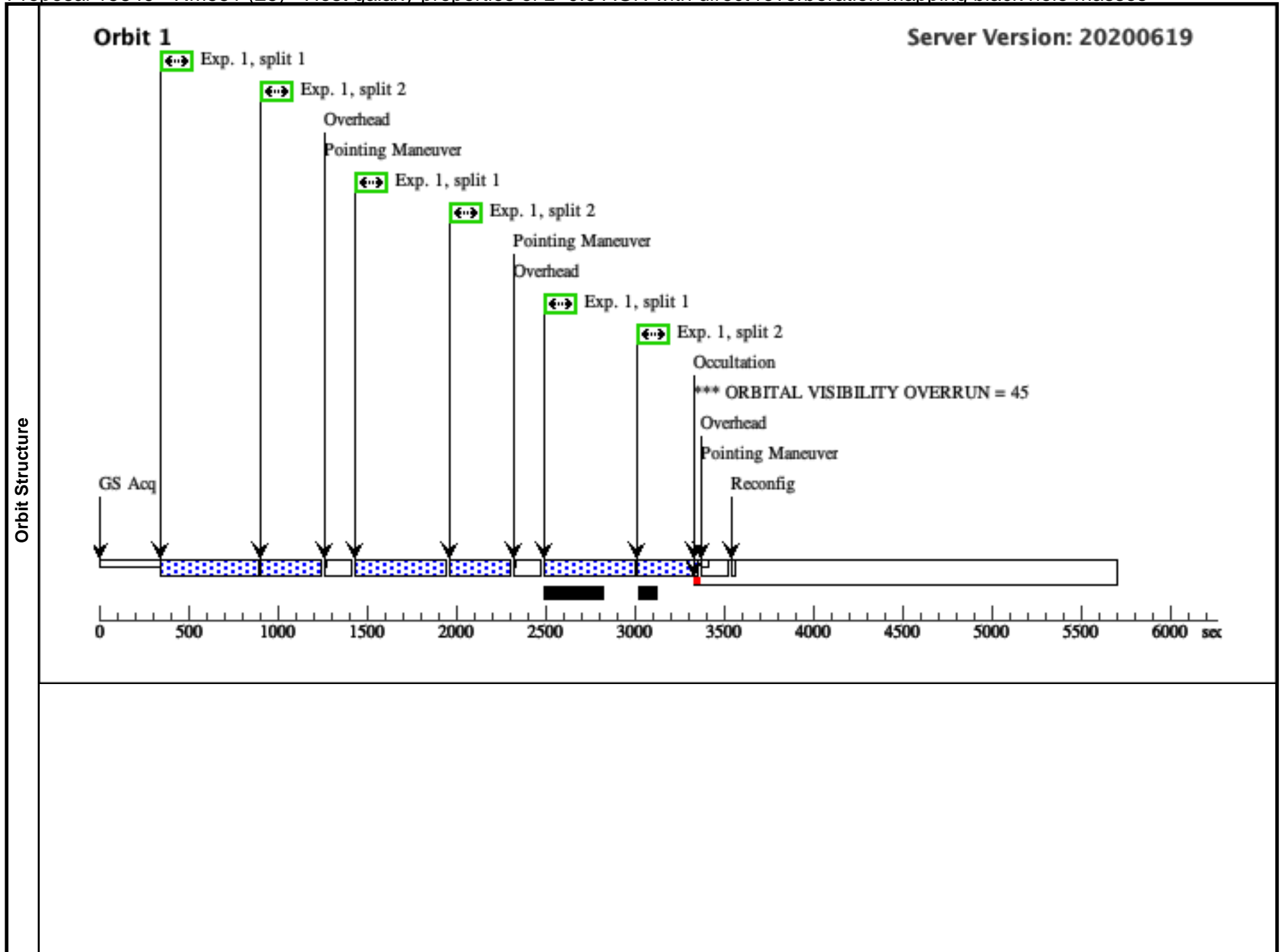
Proposal 15849 - RM551 (25) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

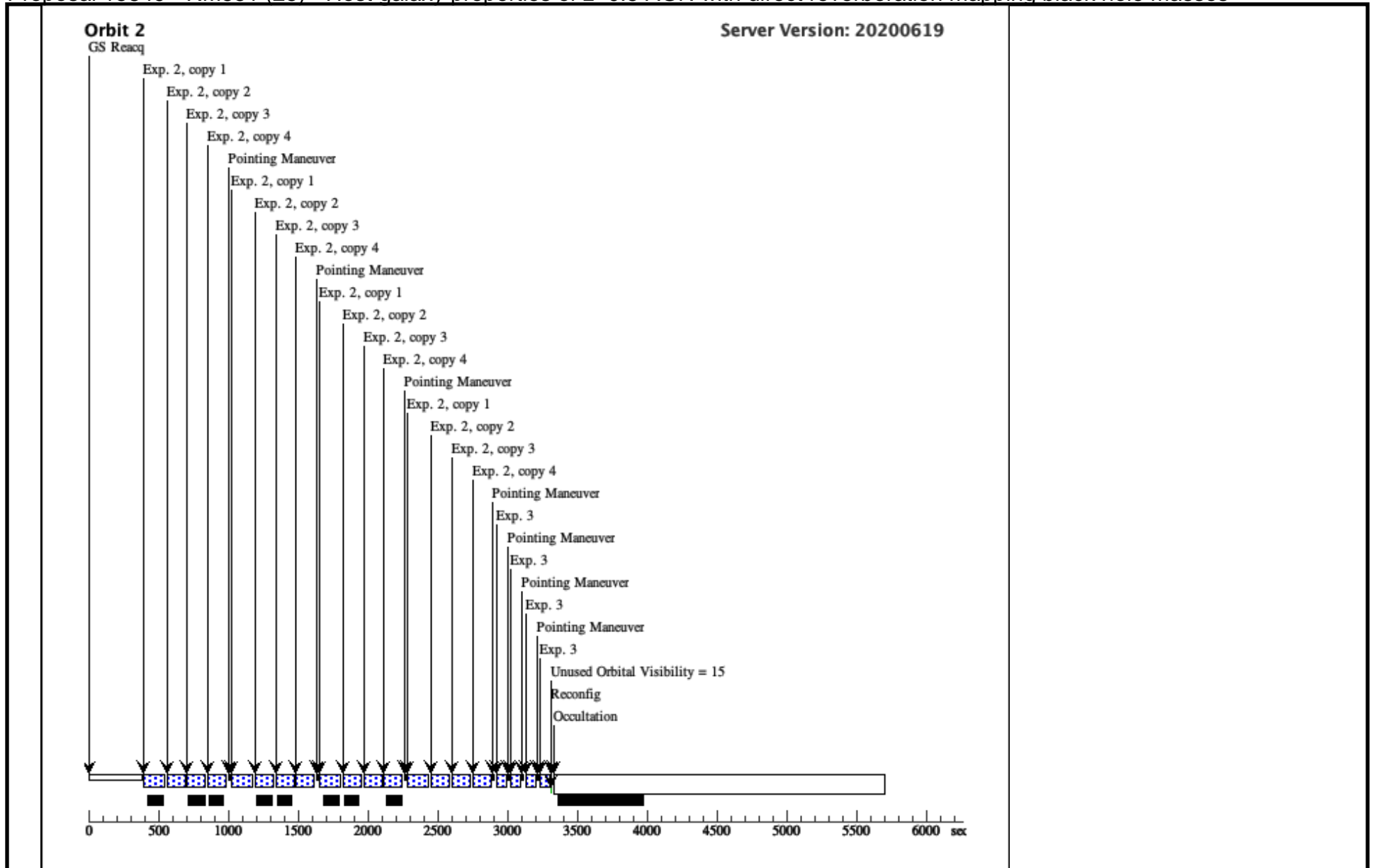
Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, RM551 (25), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM551 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(25)	RM551	RA: 14 11 47.0640 (212.9461000d) Dec: +51 56 19.77 (51.93882d) Equinox: J2000		V=(?) r=21.256	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM551 (25) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	UVIS-F814 W	(25) RM551	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	CR-SPLIT=2; FLASH=4	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM551 (25) (2)	694 Secs (2082 Secs)	
								[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]	
	2	IR-F140W	(25) RM551	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM551 (25) (1)	128.439646 Secs X 4 (2055.034 Secs)	
								[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[2]	
	3	IR-F140W	(25) RM551	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM551 (25) (1)	41.754125 Secs (167.017 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





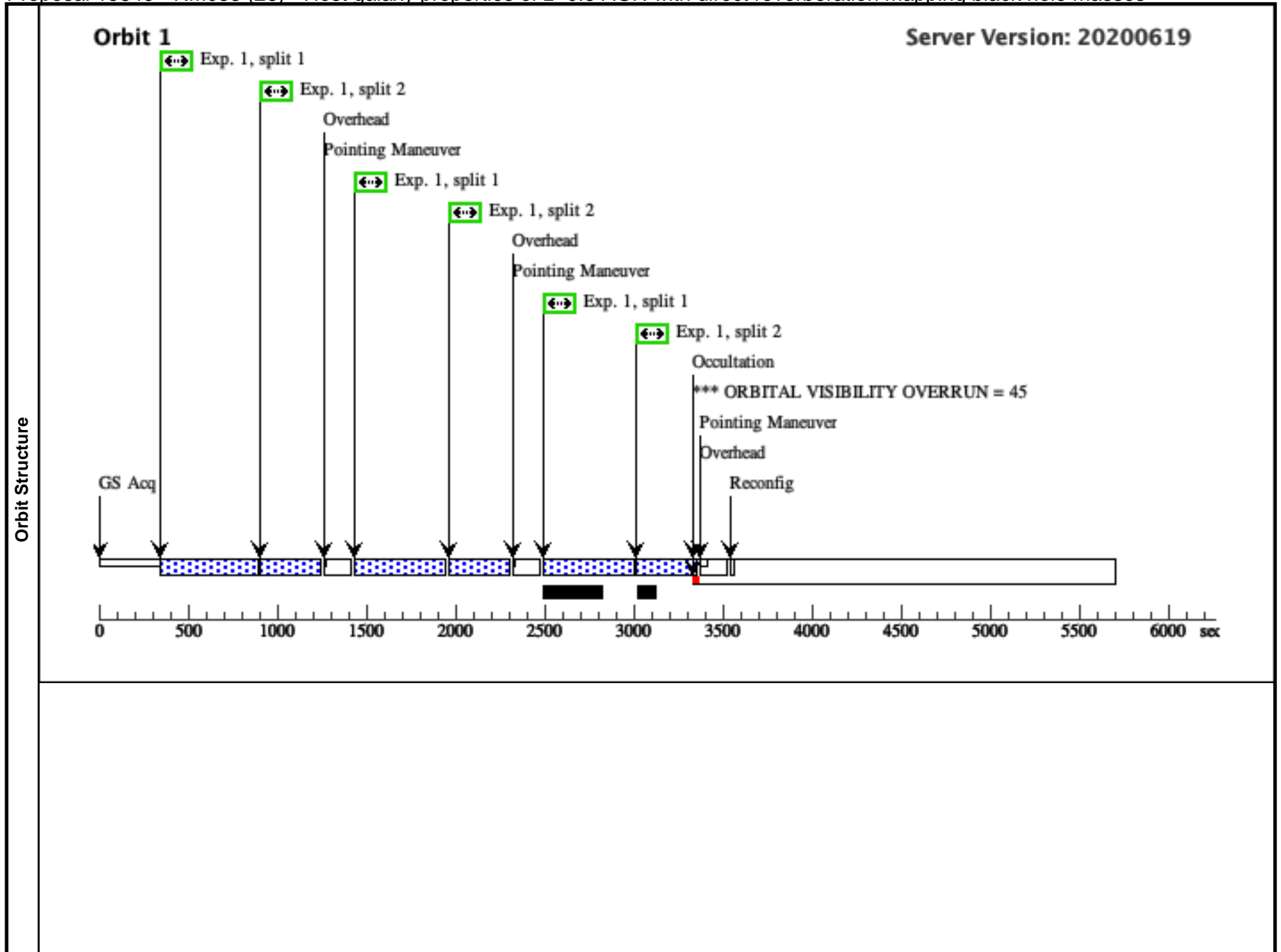
Proposal 15849 - RM033 (26) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

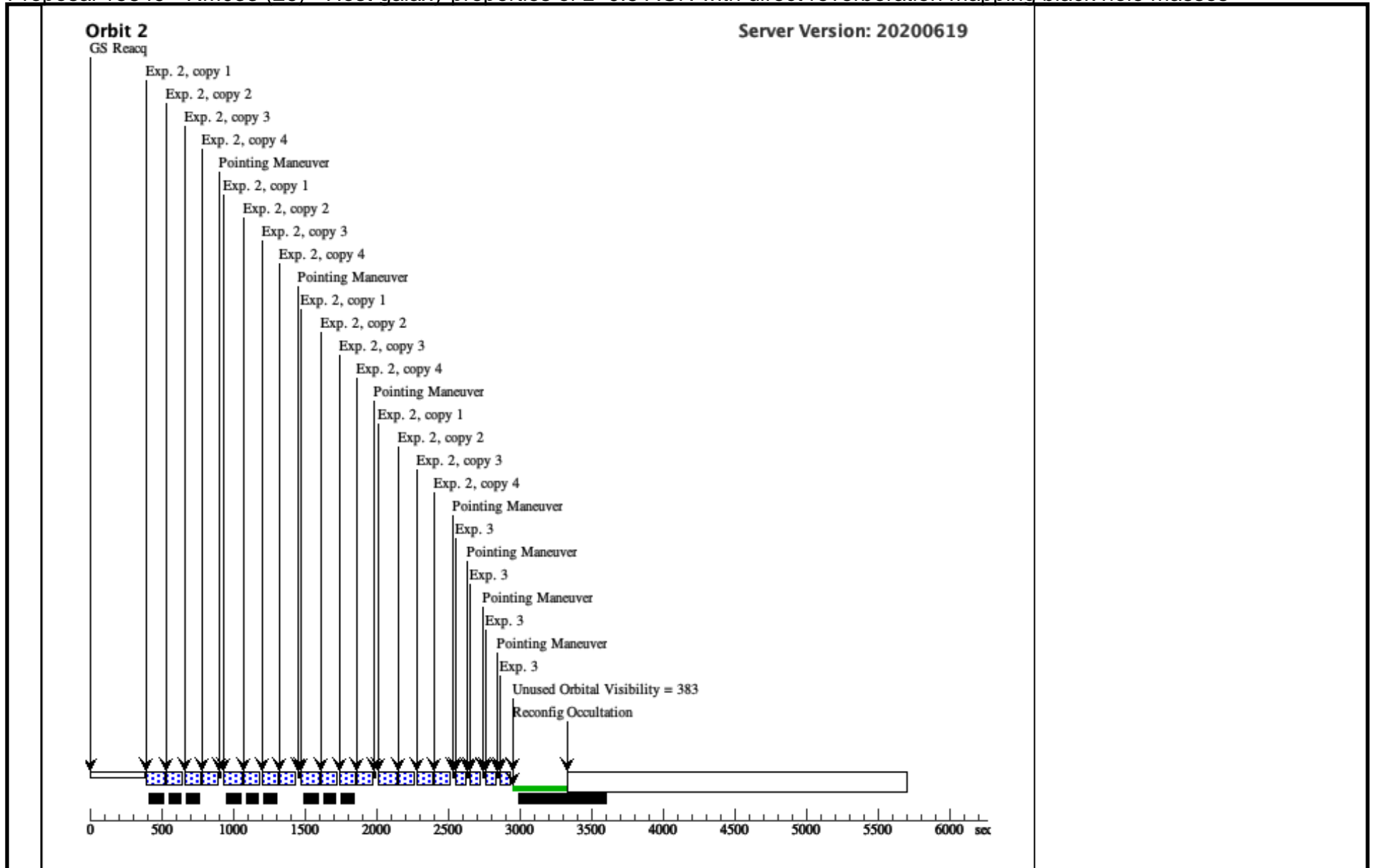
Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, RM033 (26), failed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM033 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(26)	RM033	RA: 14 15 32.3568 (213.8848200d) Dec: +52 49 5.92 (52.81831d) Equinox: J2000		V=(?) r=20.724	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM033 (26) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	UVIS-F814W	(26) RM033	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	CR-SPLIT=2; FLASH=4	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM033 (26) (2)	694 Secs (2082 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]
	2	IR-F140W	(26) RM033	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=9; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM033 (26) (1)	105.518395 Secs X 4 (1688.294 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[2]
	3	IR-F140W	(26) RM033	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM033 (26) (1)	41.754125 Secs (167.017 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]

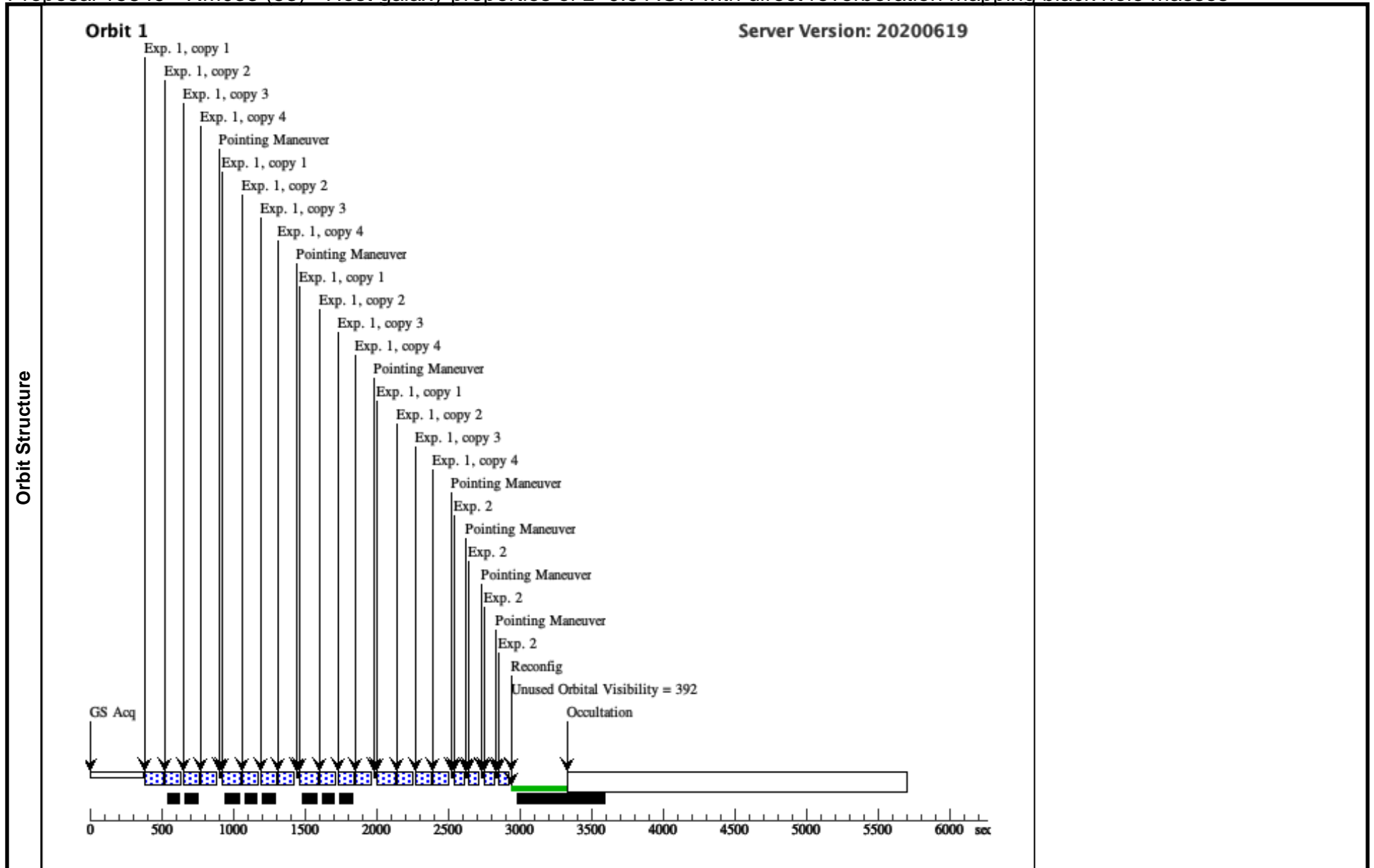




Proposal 15849 - RM033 (53) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

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Visit	Proposal 15849, RM033 (53), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(26)	RM033	RA: 14 15 32.3568 (213.8848200d) Dec: +52 49 5.92 (52.81831d) Equinox: J2000				V=(?) r=20.724		Reference Frame: ICRS	
	<i>Comments:</i> Category=GALAXY Description=[OUASAR]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	IR-F140W	(26) RM033	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=9; SAMP-SEQ=STEP25		Pattern 1, Exps 1-1 in RM033 (53) (1)	105.518395 Secs X 4 (1688.294 Secs)	
									[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[1]
	2	IR-F140W	(26) RM033	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 2-2 in RM033 (53) (1)	41.754125 Secs (167.017 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



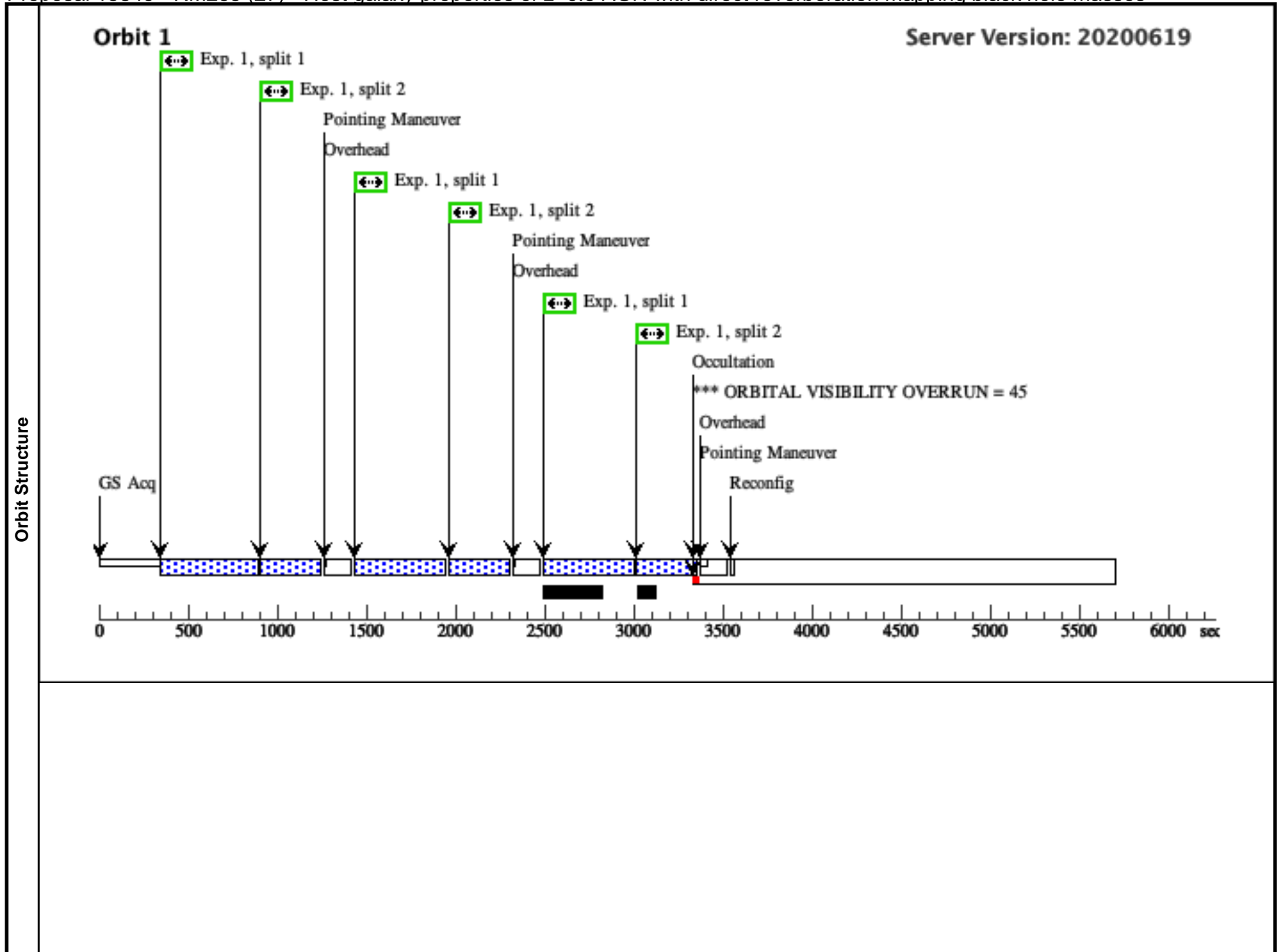
Proposal 15849 - RM265 (27) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

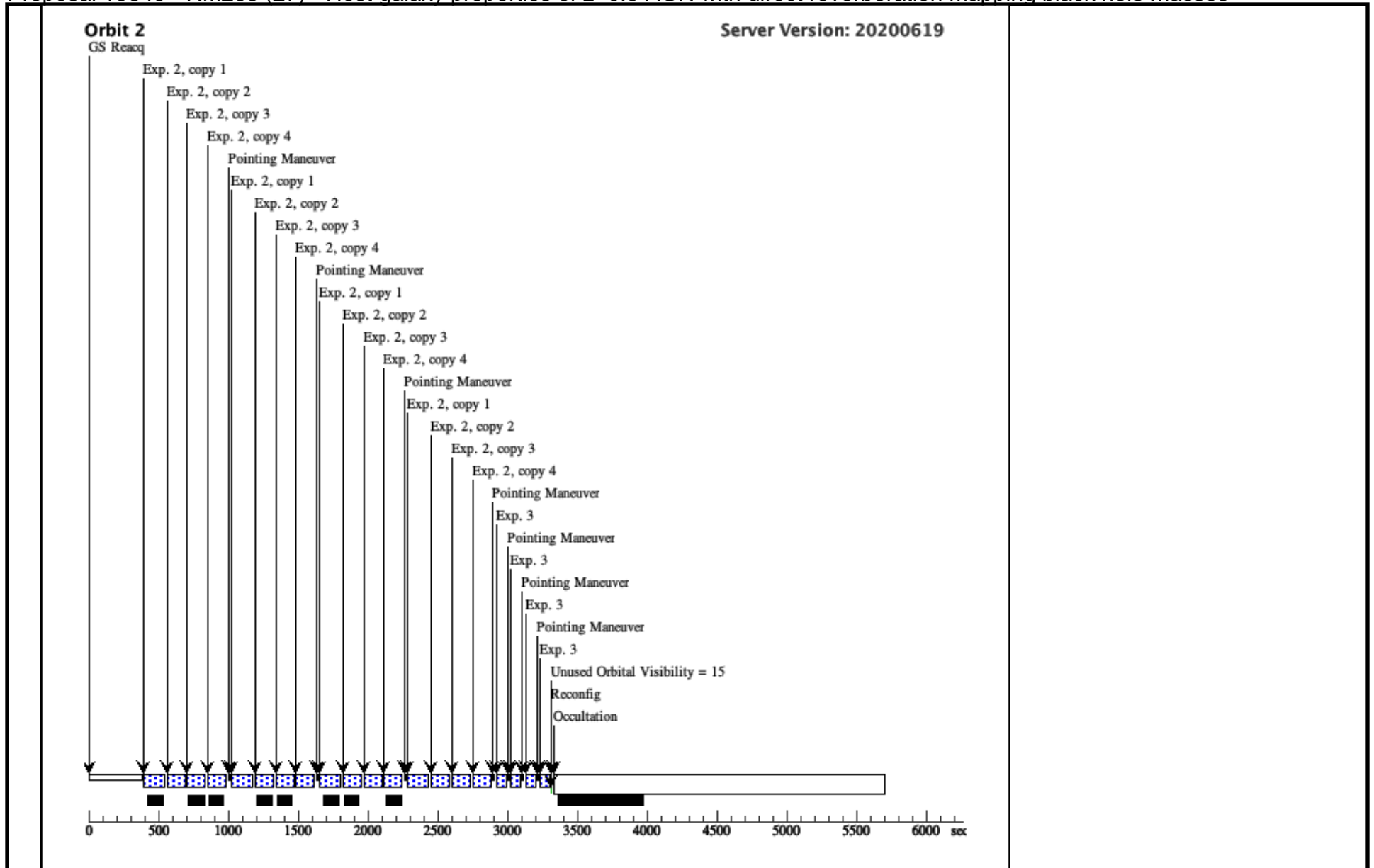
Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, RM265 (27), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM265 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(27)	RM265	RA: 14 20 23.8800 (215.0995000d) Dec: +53 16 5.06 (53.26807d) Equinox: J2000		V=(?) r=20.642	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM265 (27) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	UVIS-F814W	(27) RM265	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	CR-SPLIT=2; FLASH=4	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM265 (27) (2)	694 Secs (2082 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]
	2	IR-F140W	(27) RM265	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM265 (27) (1)	128.439646 Secs X 4 (2055.034 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[2]
	3	IR-F140W	(27) RM265	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM265 (27) (1)	41.754125 Secs (167.017 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]





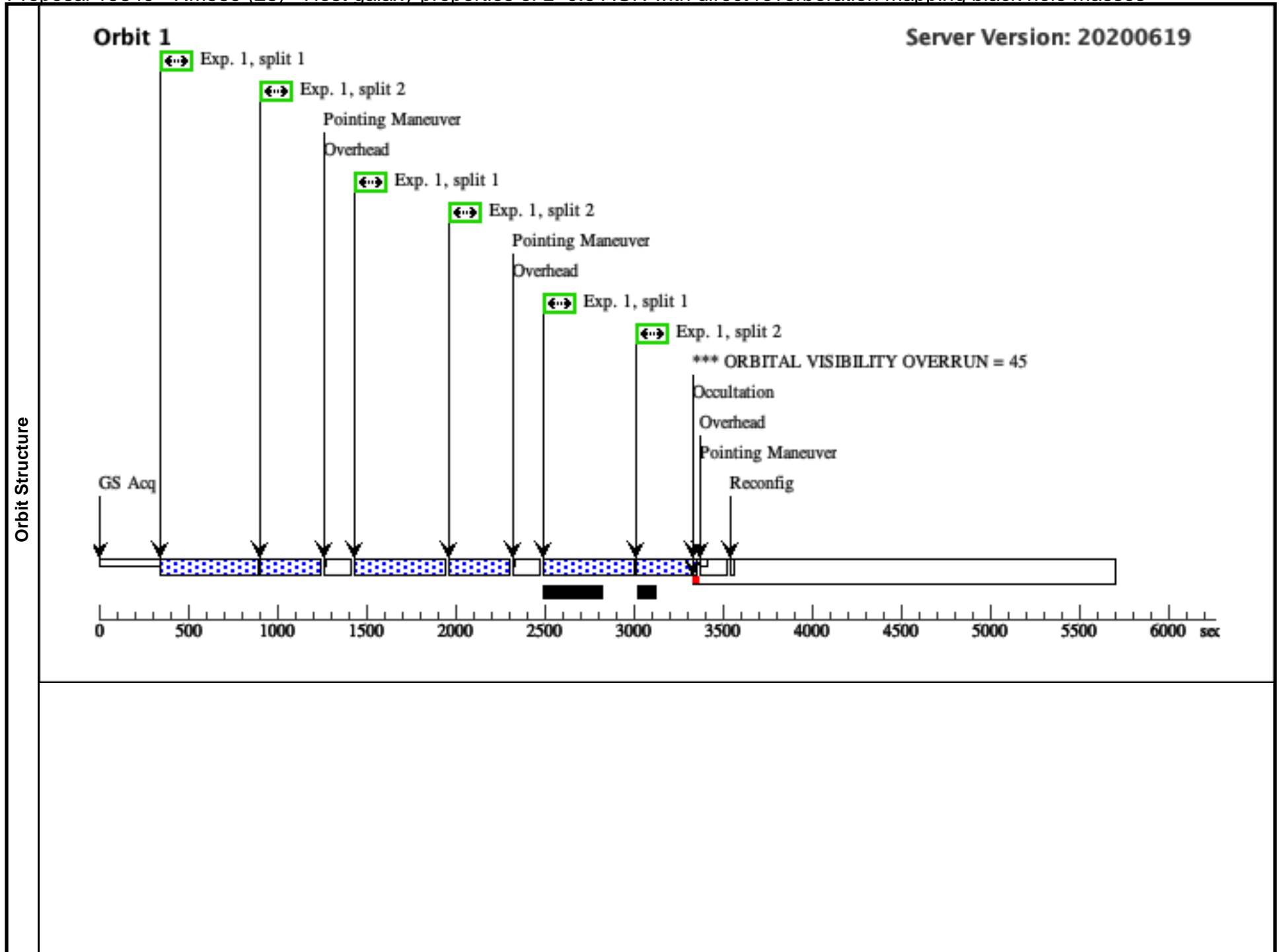
Proposal 15849 - RM589 (28) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

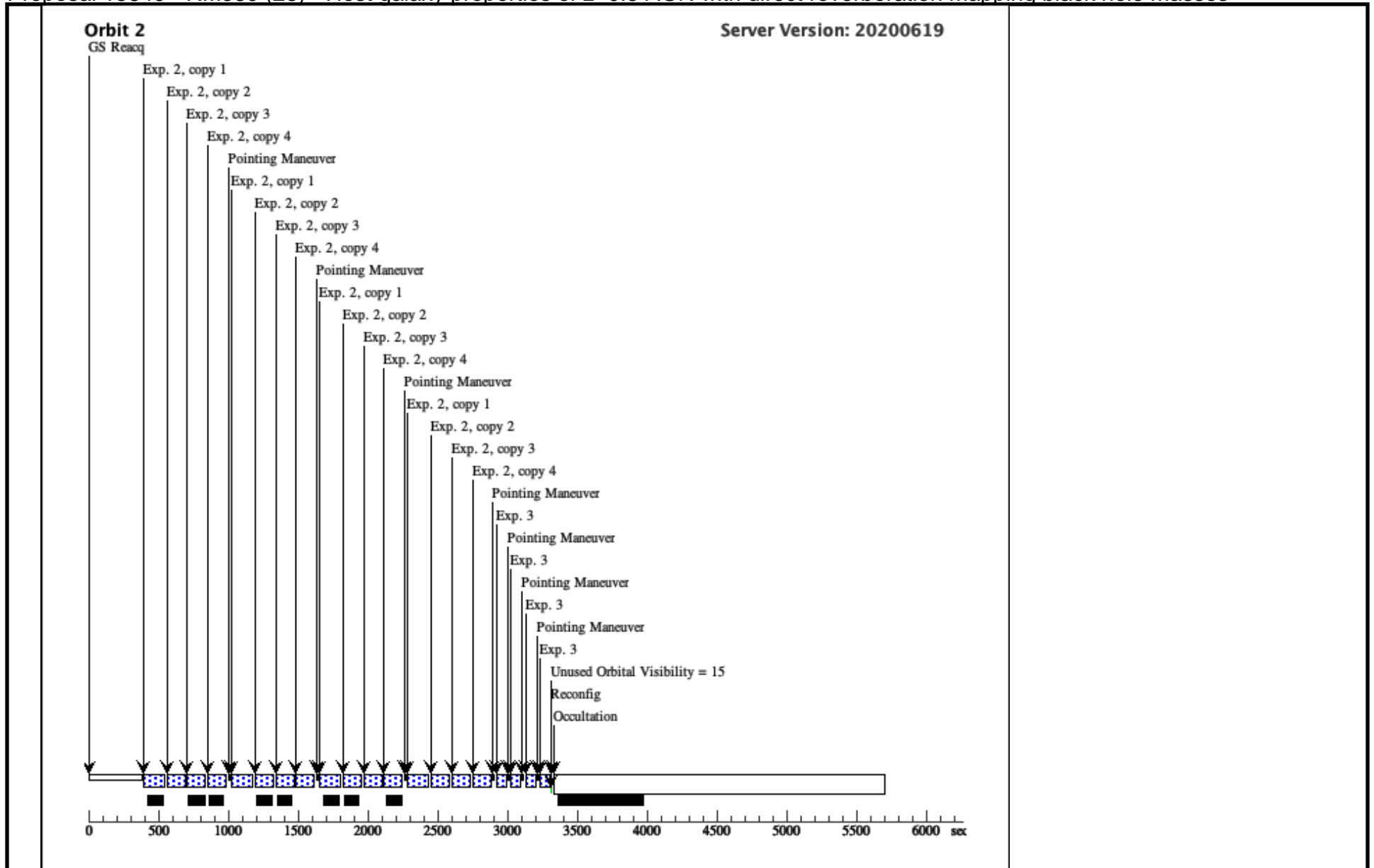
Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, RM589 (28), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(RM589 (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Diagnostics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (3)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(28)	RM589	RA: 14 20 49.2816 (215.2053400d) Dec: +52 10 53.30 (52.18147d) Equinox: J2000		V=(?) r=20.892	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QUASAR]						

Proposal 15849 - RM589 (28) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	UVIS-F814W	(28) RM589	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	CR-SPLIT=2; FLASH=4	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in RM589 (28) (2)	694 Secs (2082 Secs) [=>(Pattern 1, Split 1)] [=>(Pattern 1, Split 2)] [=>(Pattern 2, Split 1)] [=>(Pattern 2, Split 2)] [=>(Pattern 3, Split 1)] [=>(Pattern 3, Split 2)]	[1]
	2	IR-F140W	(28) RM589	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=10; SAMP-SEQ=STEP25		Pattern 1, Exps 2-2 in RM589 (28) (1)	128.439646 Secs X 4 (2055.034 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[2]
	3	IR-F140W	(28) RM589	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=15; SAMP-SEQ=SPARS5		Pattern 1, Exps 3-3 in RM589 (28) (1)	41.754125 Secs (167.017 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[2]





Proposal 15849 - EGGR26 (29) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

Fri Dec 18 12:02:11 GMT 2020

Visit	Proposal 15849, EGGR26 (29), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	Diagnosics (EGGR26 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=2.860 Line Spacing=1.825	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1), (2)	
(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.405 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(3), (4)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(29)	EGGR-26	RA: 03 55 21.9900 (58.8416250d) Dec: +09 47 18.00 (9.78833d) Equinox: J2000		V=14.506	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[DA]						

Proposal 15849 - EGGR26 (29) - Host galaxy properties of z~0.5 AGN with direct reverberation mapping black hole masses

	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	IR-F110W	(29) EGGR-26	WFC3/IR, MULTIACCUM, IRSUB512	F110W	NSAMP=7; SAMP-SEQ=STEP2 5		Pattern 1, Exps 1-1 in EGGR26 (29) (1)	59.675893 Secs (238.704 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	IR-F140W	(29) EGGR-26	WFC3/IR, MULTIACCUM, IRSUB512	F140W	NSAMP=7; SAMP-SEQ=STEP2 5		Pattern 1, Exps 2-2 in EGGR26 (29) (1)	59.675893 Secs (238.704 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	UVIS-F814W	(29) EGGR-26	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=12	GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 3-3 in EGGR26 (29) (2)	30 Secs (90 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	4	UVIS-F606W	(29) EGGR-26	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W	FLASH=11		Pattern 2, Exps 4-4 in EGGR26 (29) (2)	8 Secs (24 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]

