



17765 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their host galaxies

Cycle: 32, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Proposal 17765 (STScI Edit Number: 0, Created: Friday, November 22, 2024, 11:02:43AM Eastern Standard Time) - Overview

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Dr. Suvi Gezari (CoI)	Space Telescope Science Institute
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Dr. Erica Hammerstein (CoI)	University of California - Berkeley
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Dr. Robert Stein (CoI)	University of Maryland
Dr. Wenbin Lu (CoI)	University of California - Berkeley
Jean Somalwar (CoI)	California Institute of Technology
Mr. Andrew Mummery (CoI) (ESA Member)	University of Oxford
Dr. Shubham Srivastav (CoI) (ESA Member)	Queen's University Belfast
Dr. Charlotte Rebecca Angus (CoI) (ESA Member)	Queen's University Belfast

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) AT2023CLX	WFC3/UVIS	3	22-Nov-2024 11:02:21.0	yes
02	(2) AT2019QIZ	WFC3/UVIS	3	22-Nov-2024 11:02:22.0	yes
03	(3) IPTF16FNL	WFC3/UVIS	3	22-Nov-2024 11:02:24.0	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>
04	(4) AT2021EHB	WFC3/UVIS	3	22-Nov-2024 11:02:25.0	yes
05	(5) AT2018DYB	WFC3/UVIS	3	22-Nov-2024 11:02:26.0	yes
06	(6) AT2019AZH	WFC3/UVIS	3	22-Nov-2024 11:02:27.0	yes
07	(7) AT2022DSB	WFC3/UVIS	3	22-Nov-2024 11:02:29.0	yes
08	(8) AT2019AHK	WFC3/UVIS	3	22-Nov-2024 11:02:30.0	yes
09	(9) AT2020WEY	WFC3/UVIS	3	22-Nov-2024 11:02:31.0	yes
10	(10) AT2020VWL	WFC3/UVIS	3	22-Nov-2024 11:02:32.0	yes
11	(11) AT2022LRI	WFC3/UVIS	3	22-Nov-2024 11:02:33.0	yes
12	(12) AT2022BDW	WFC3/UVIS	3	22-Nov-2024 11:02:34.0	yes
13	(13) AT2021BLZ	WFC3/UVIS	3	22-Nov-2024 11:02:35.0	yes
14	(14) AT2018HYZ	WFC3/UVIS	3	22-Nov-2024 11:02:36.0	yes
15	(15) AT2021NWA	WFC3/UVIS	3	22-Nov-2024 11:02:37.0	yes
16	(16) ASASSN-15OI	WFC3/UVIS	3	22-Nov-2024 11:02:39.0	yes
17	(17) AT2022WTN	WFC3/UVIS	3	22-Nov-2024 11:02:40.0	yes
18	(18) AT2018BSI	WFC3/UVIS	3	22-Nov-2024 11:02:41.0	yes
19	(19) AT2019DSG	WFC3/UVIS	3	22-Nov-2024 11:02:42.0	yes
20	(18) AT2018BSI	WFC3/UVIS	2	22-Nov-2024 11:02:43.0	yes

59 Total Orbits Used

ABSTRACT

Tidal disruption events (TDEs) of stars by supermassive black holes offer an unprecedented opportunity to map the properties of otherwise quiescent (and intermediate mass) black holes, including their mass distribution, occupation fraction, and growth over cosmic history, as well as studying disk formation, accretion and the launching of jets in real time. However, the observed properties of TDEs have posed several challenges, chief among which is the unexpected nature of their host galaxies. Up to 30% of TDEs occur in quiescent Balmer-strong (or post-starburst) galaxies - a class that makes up ~1% of the general galaxy population. Explanations include disturbed radial density profiles, nuclear starbursts, and recent mergers, but distinguishing between these channels is only possible by resolving structure on scales <100 pc. We propose a new survey, Galaxies HOSting Tdes:

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BUlges, STarbursts and mergERS (GHOSTBUSTERS), to fully map the properties of TDE hosts with a volume-limited sample out to ~200 Mpc, increasing by a factor 6 the TDE host sample with HST imaging and halving the median distance. Maximising the UV and high-resolution abilities of HST uniquely allows us to (i) measure the radial density profiles and stellar mass within <100pc of the SMBH, determining whether central over-densities drive the TDE rate; and (ii) map the spatial distribution of star formation to determine whether it shuts off from the inside-out or outside-in, and whether any residual star-formation is important to the rate of TDEs, and (iii) detect low surface-brightness features (shells, tails) indicating past mergers, while deliver a legacy data set with high value to the community.

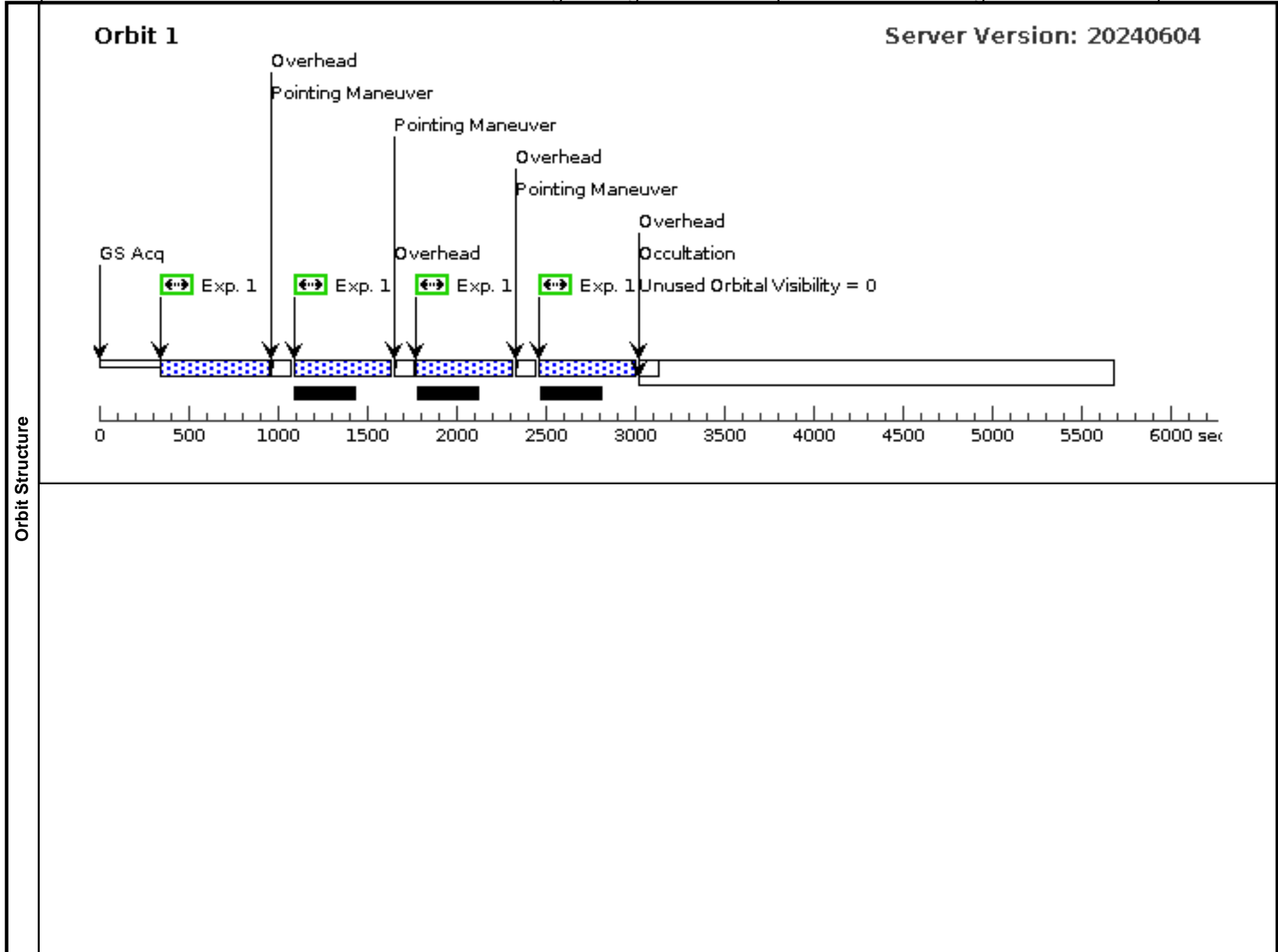
OBSERVING DESCRIPTION

Imaging survey of TDE host galaxies. These are extended sources, varying from ~10-30 arcseconds. Want to acquire WFC3 UVIS images in F225W, F438W and F625W, using standard 4-point dithering. Should fit galaxy on one chip to avoid gaps, and place on optimal position for charge transfer.

Proposal 17765 - Visit 01 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

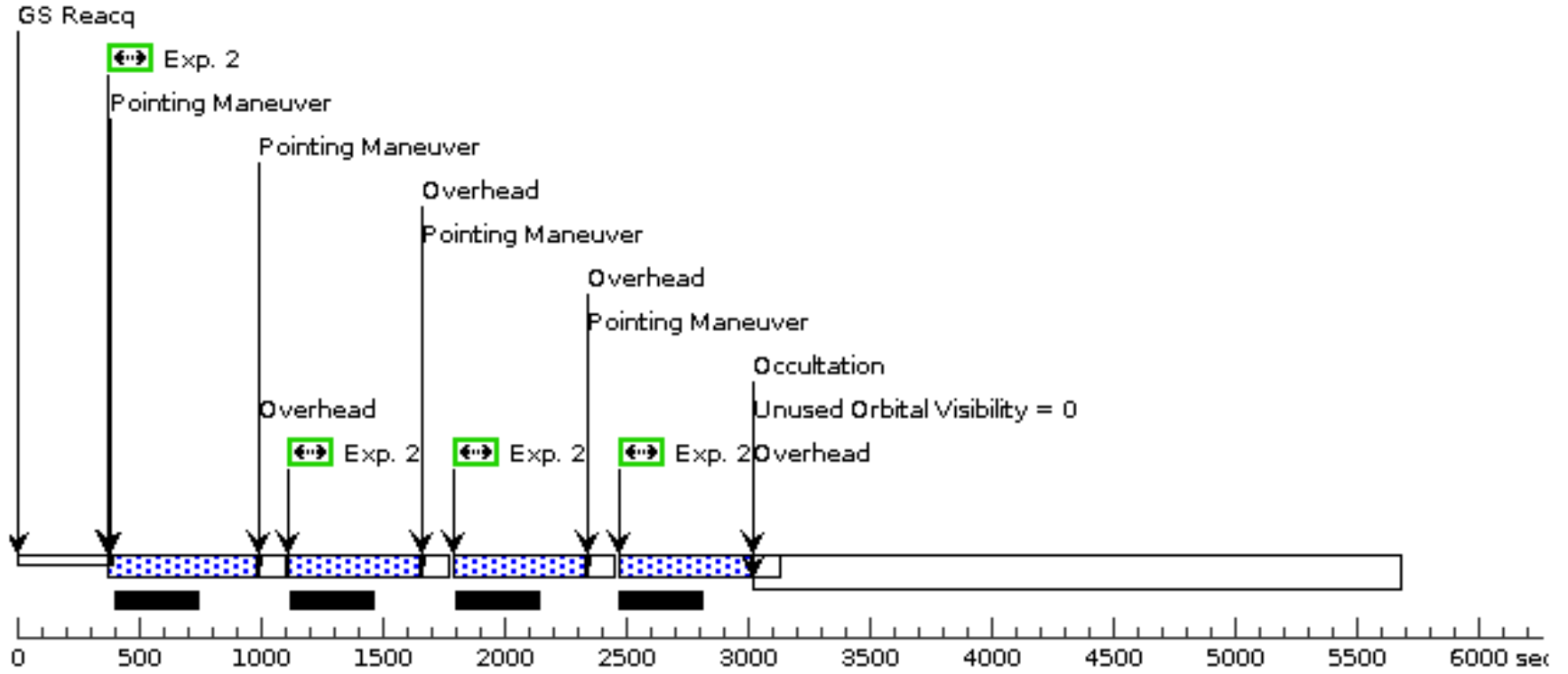
Fri Nov 22 16:02:44 GMT 2024

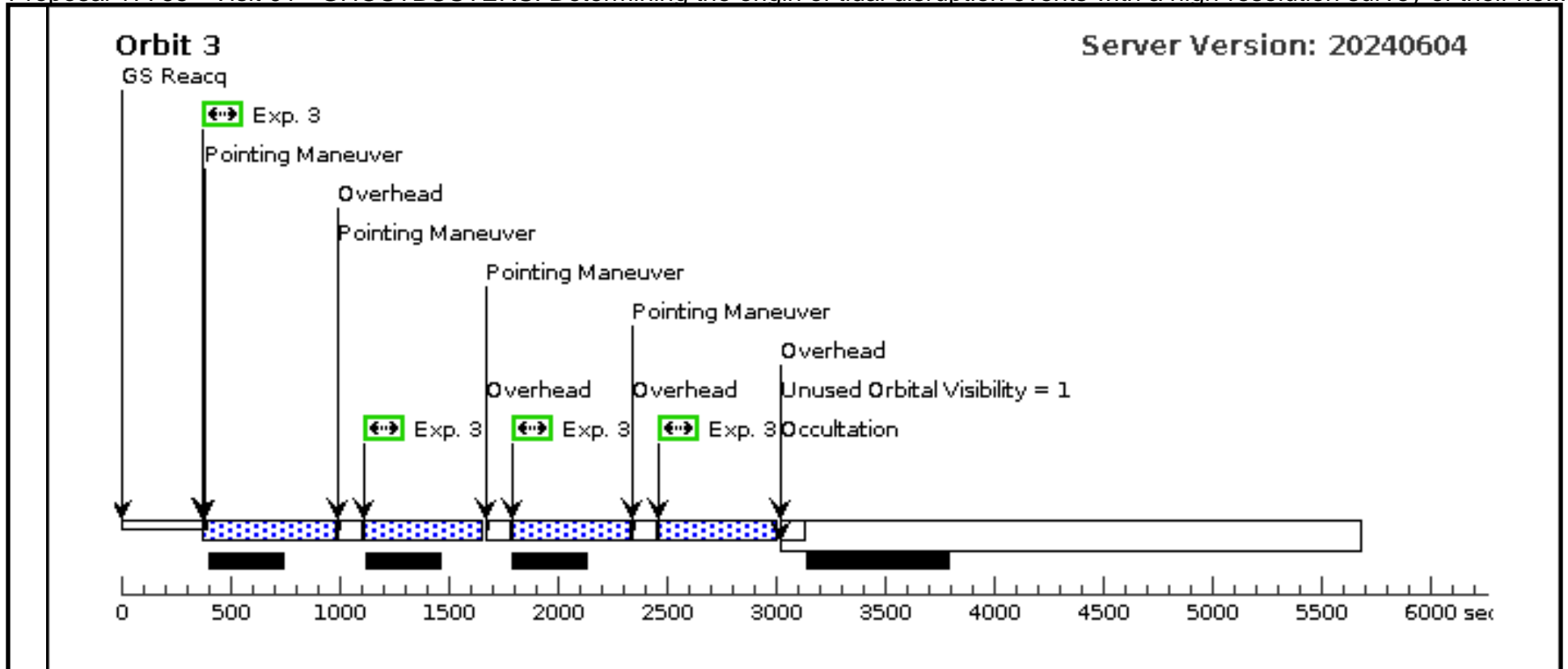
Visit	Proposal 17765, Visit 01, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	AT2023CLX	RA: 11 40 9.3970 (175.0391542d) Dec: +15 19 38.54 (15.32737d) Equinox: J2000		V=14	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) AT2023CLX	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 01 (1)	500 Secs (2218 Secs)	
									[==>577.0 Secs (Pattern 1)] [==>547.0 Secs (Pattern 2)] [==>547.0 Secs (Pattern 3)] [==>547.0 Secs (Pattern 4)]	[1]
	2		(1) AT2023CLX	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 01 (1)	500 Secs (2204 Secs)	
								[==>584.0 Secs (Pattern 1)] [==>540.0 Secs (Pattern 2)] [==>540.0 Secs (Pattern 3)] [==>540.0 Secs (Pattern 4)]	[2]	
3		(1) AT2023CLX	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5			Pattern 1, Exps 3-3 in Visit 01 (1)	500 Secs (2215 Secs)	
								[==>589.0 Secs (Pattern 1)] [==>542.0 Secs (Pattern 2)] [==>542.0 Secs (Pattern 3)] [==>542.0 Secs (Pattern 4)]	[3]	



Orbit 2

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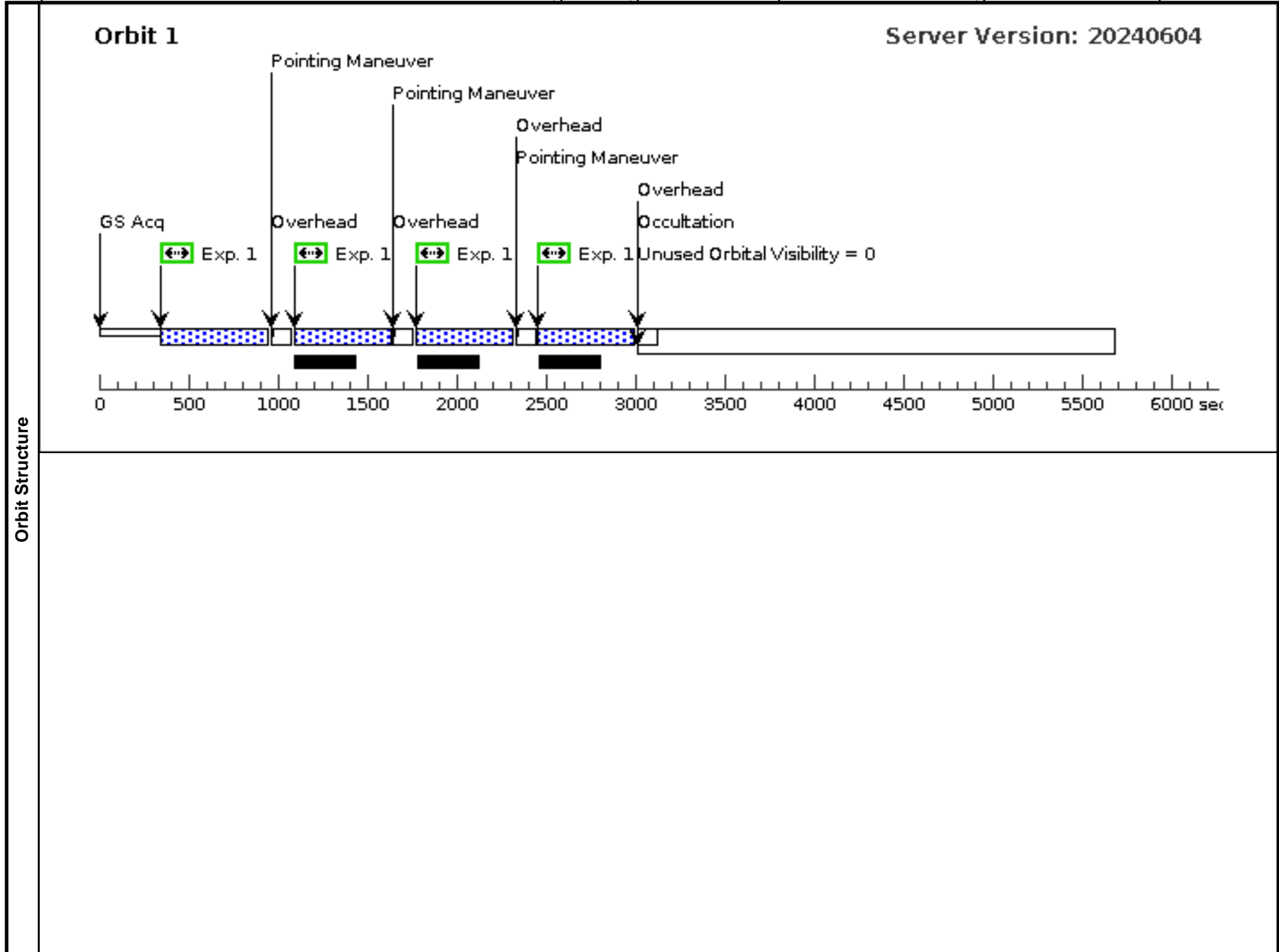




Proposal 17765 - Visit 02 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

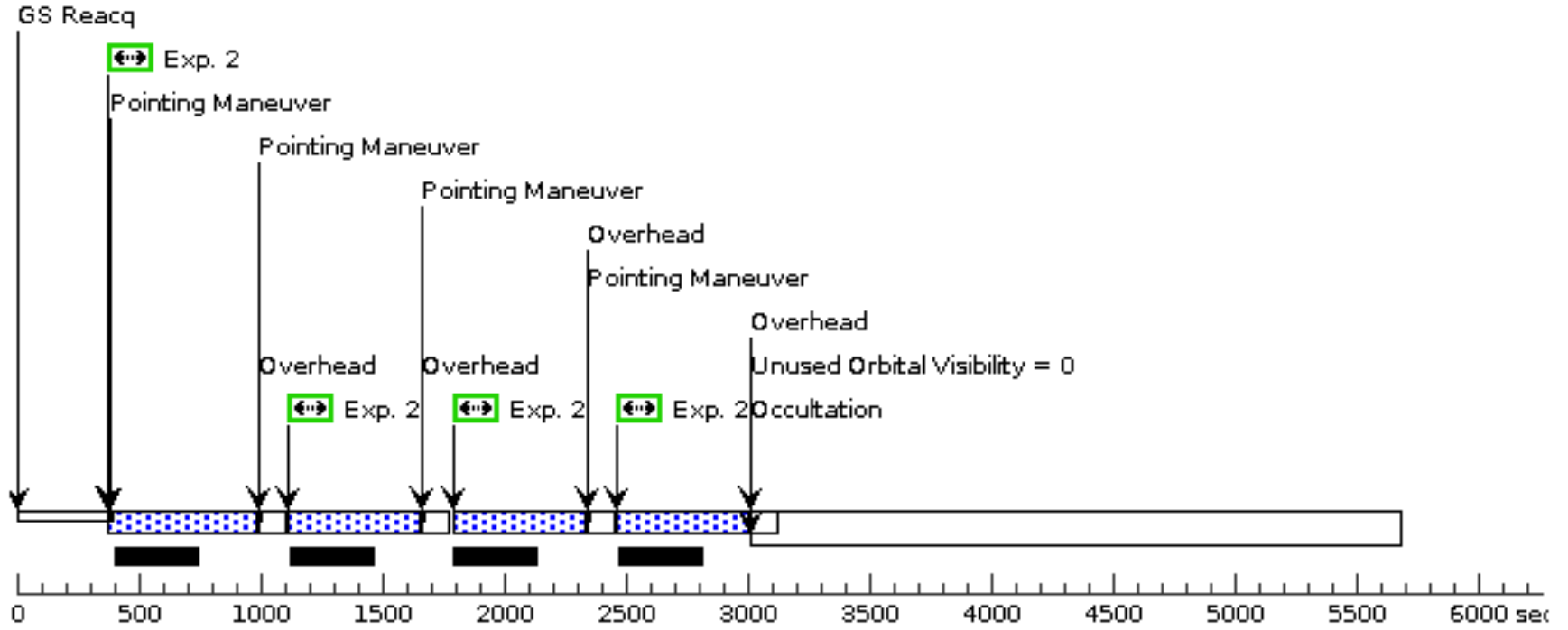
Fri Nov 22 16:02:44 GMT 2024

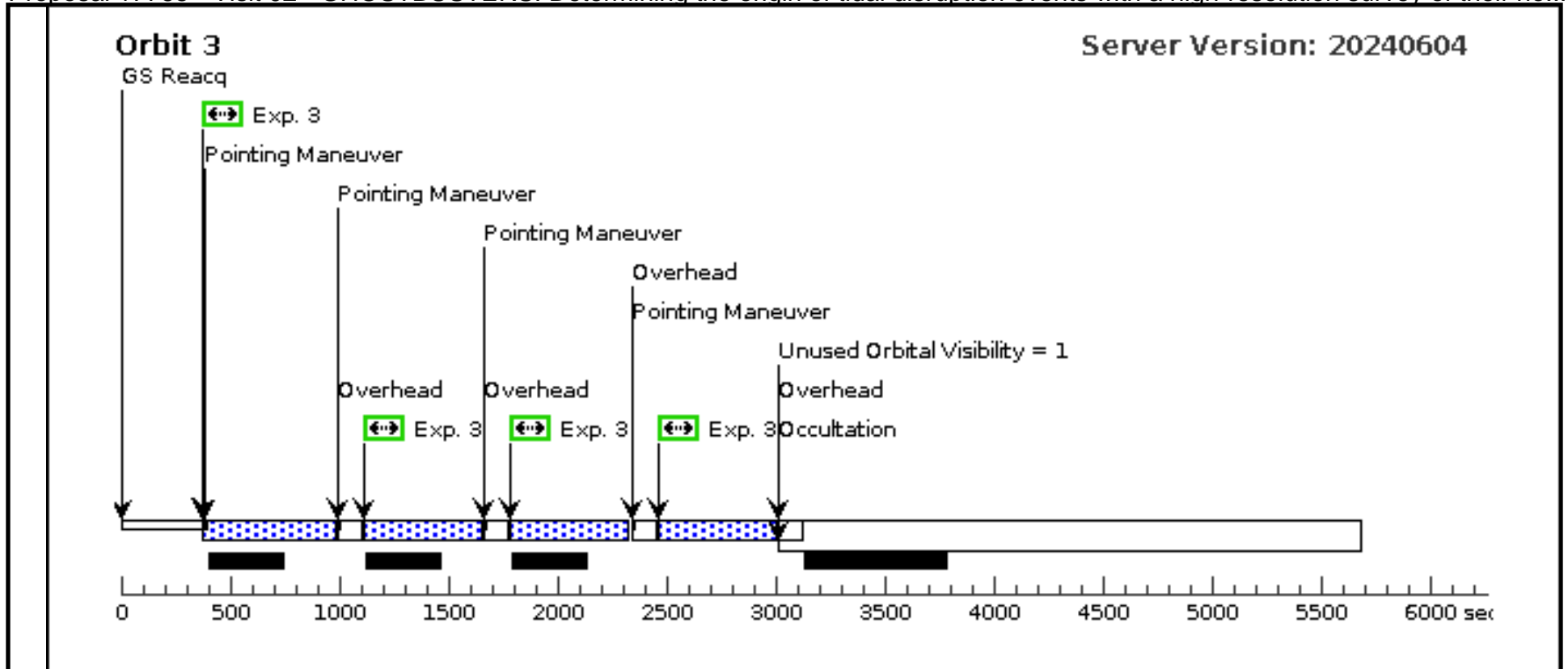
Visit	Proposal 17765, Visit 02, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	AT2019QIZ	RA: 04 46 37.8800 (71.6578333d) Dec: -10 13 34.90 (-10.22636d) Equinox: J2000		V=15	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) AT2019QIZ	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 02 (1)	500 Secs (2210 Secs) [==>575.0 Secs (Pattern 1)] [==>545.0 Secs (Pattern 2)] [==>545.0 Secs (Pattern 3)] [==>545.0 Secs (Pattern 4)]	[1]
	2		(2) AT2019QIZ	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 02 (1)	500 Secs (2196 Secs) [==>582.0 Secs (Pattern 1)] [==>538.0 Secs (Pattern 2)] [==>538.0 Secs (Pattern 3)] [==>538.0 Secs (Pattern 4)]	[2]
	3		(2) AT2019QIZ	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 02 (1)	500 Secs (2207 Secs) [==>587.0 Secs (Pattern 1)] [==>540.0 Secs (Pattern 2)] [==>540.0 Secs (Pattern 3)] [==>540.0 Secs (Pattern 4)]	[3]



Orbit 2

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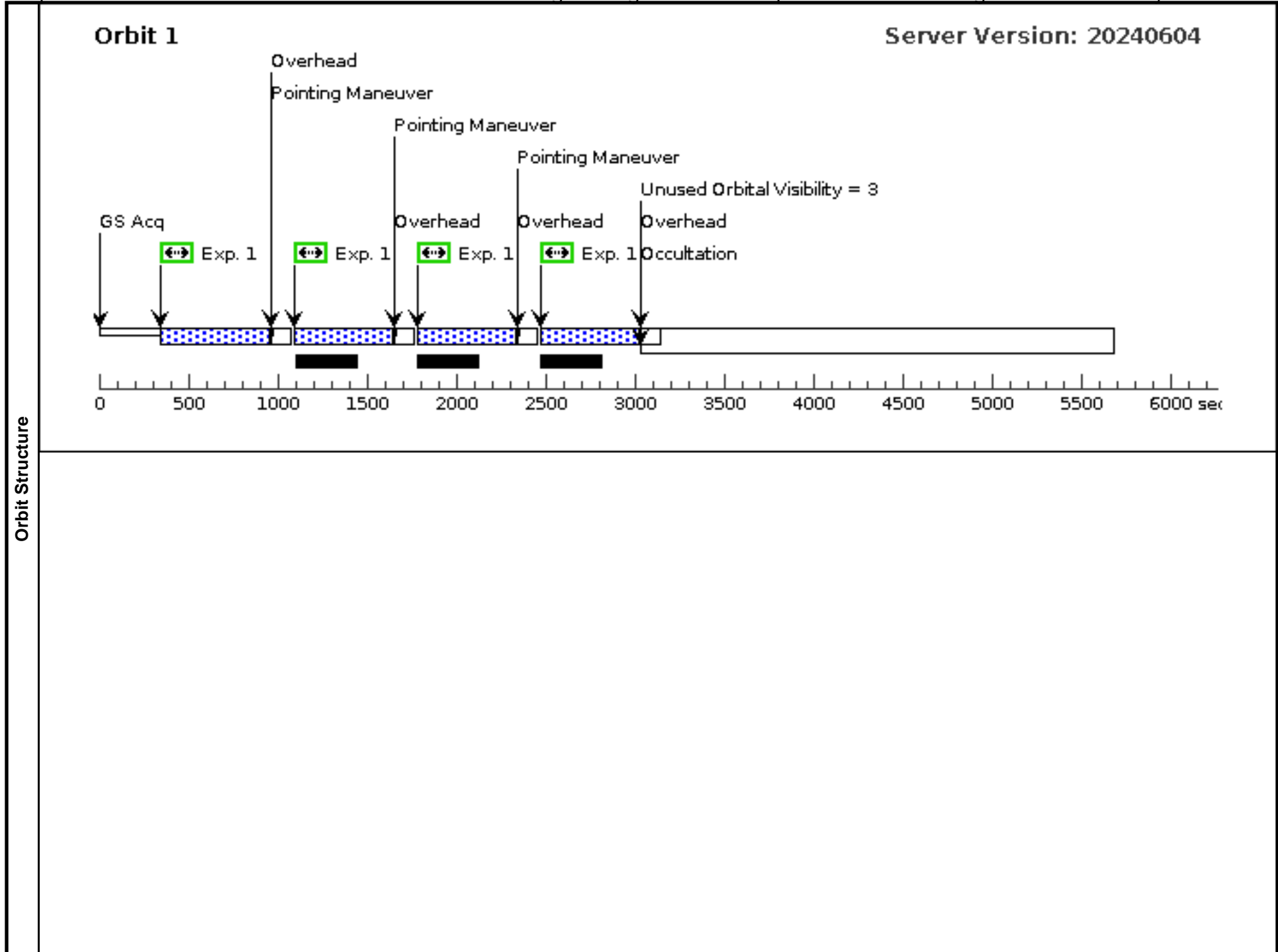




Proposal 17765 - Visit 03 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

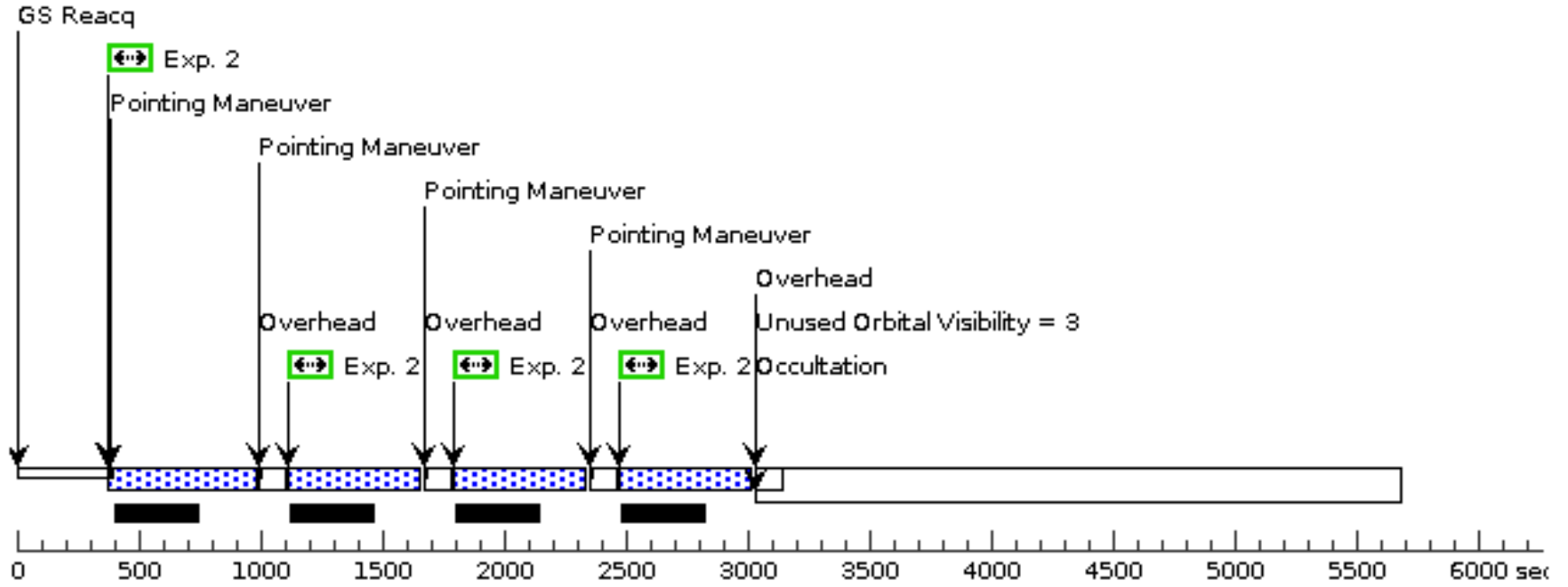
Fri Nov 22 16:02:44 GMT 2024

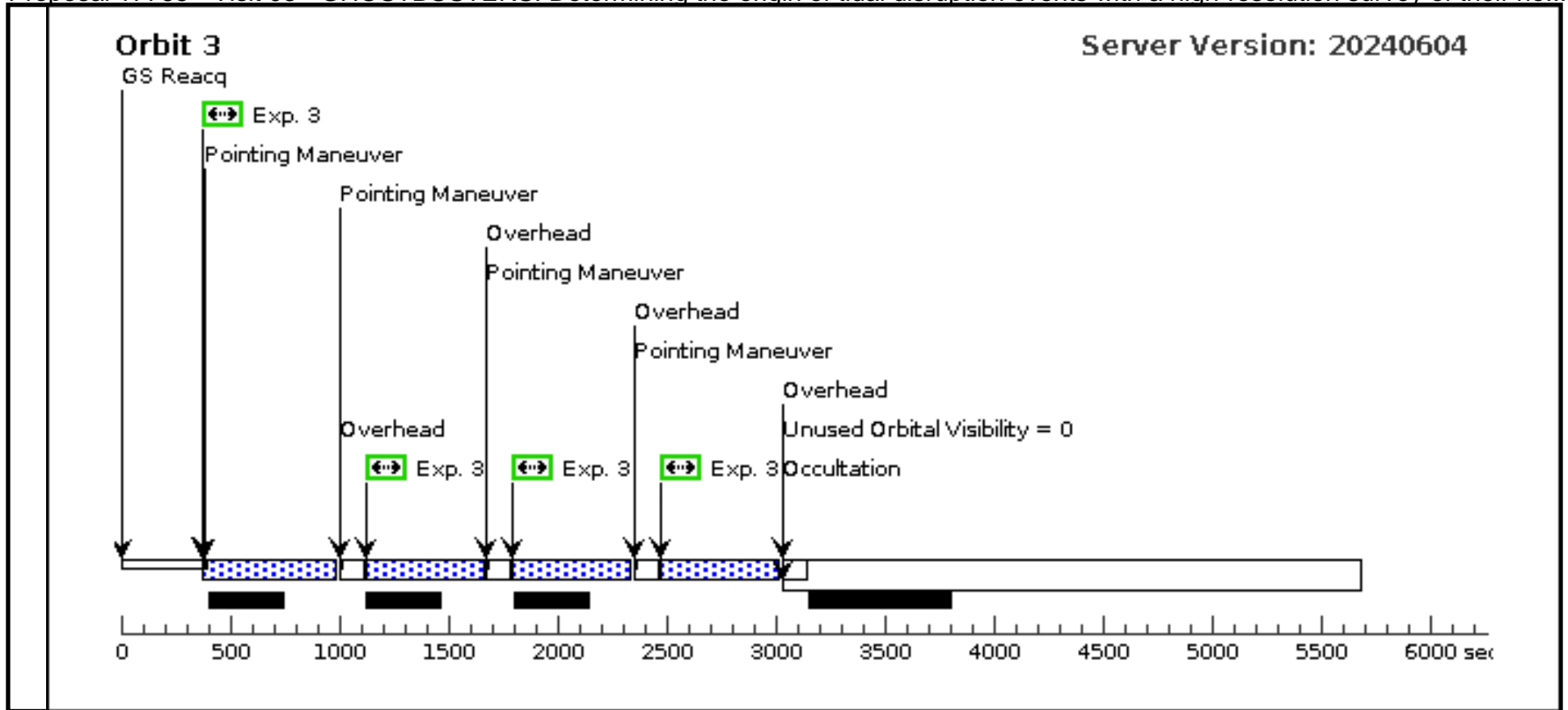
Visit	Proposal 17765, Visit 03, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	IPTF16FNL	RA: 00 29 57.0500 (7.4877083d) Dec: +32 53 37.27 (32.89369d) Equinox: J2000				V=16		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) IPTF16FNL	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 03 (1)	500 Secs (2226 Secs)		
									[==>579.0 Secs (Pattern 1)] [==>549.0 Secs (Pattern 2)] [==>549.0 Secs (Pattern 3)] [==>549.0 Secs (Pattern 4)]		[1]
	2		(3) IPTF16FNL	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 03 (1)	500 Secs (2212 Secs)		
								[==>586.0 Secs (Pattern 1)] [==>542.0 Secs (Pattern 2)] [==>542.0 Secs (Pattern 3)] [==>542.0 Secs (Pattern 4)]		[2]	
3		(3) IPTF16FNL	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 03 (1)	500 Secs (2227 Secs)			
								[==>592.0 Secs (Pattern 1)] [==>545.0 Secs (Pattern 2)] [==>545.0 Secs (Pattern 3)] [==>545.0 Secs (Pattern 4)]		[3]	



Orbit 2

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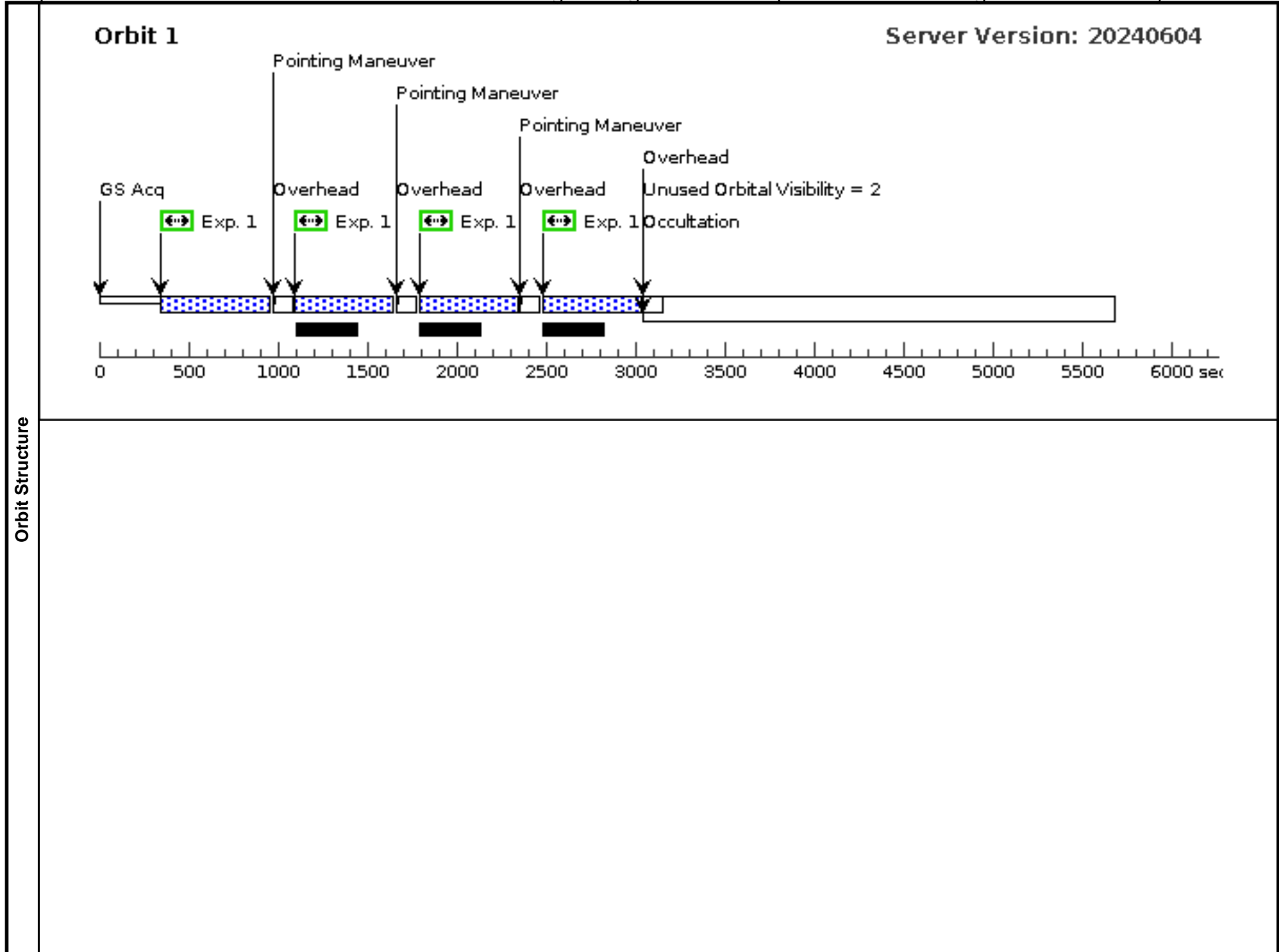




Proposal 17765 - Visit 04 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

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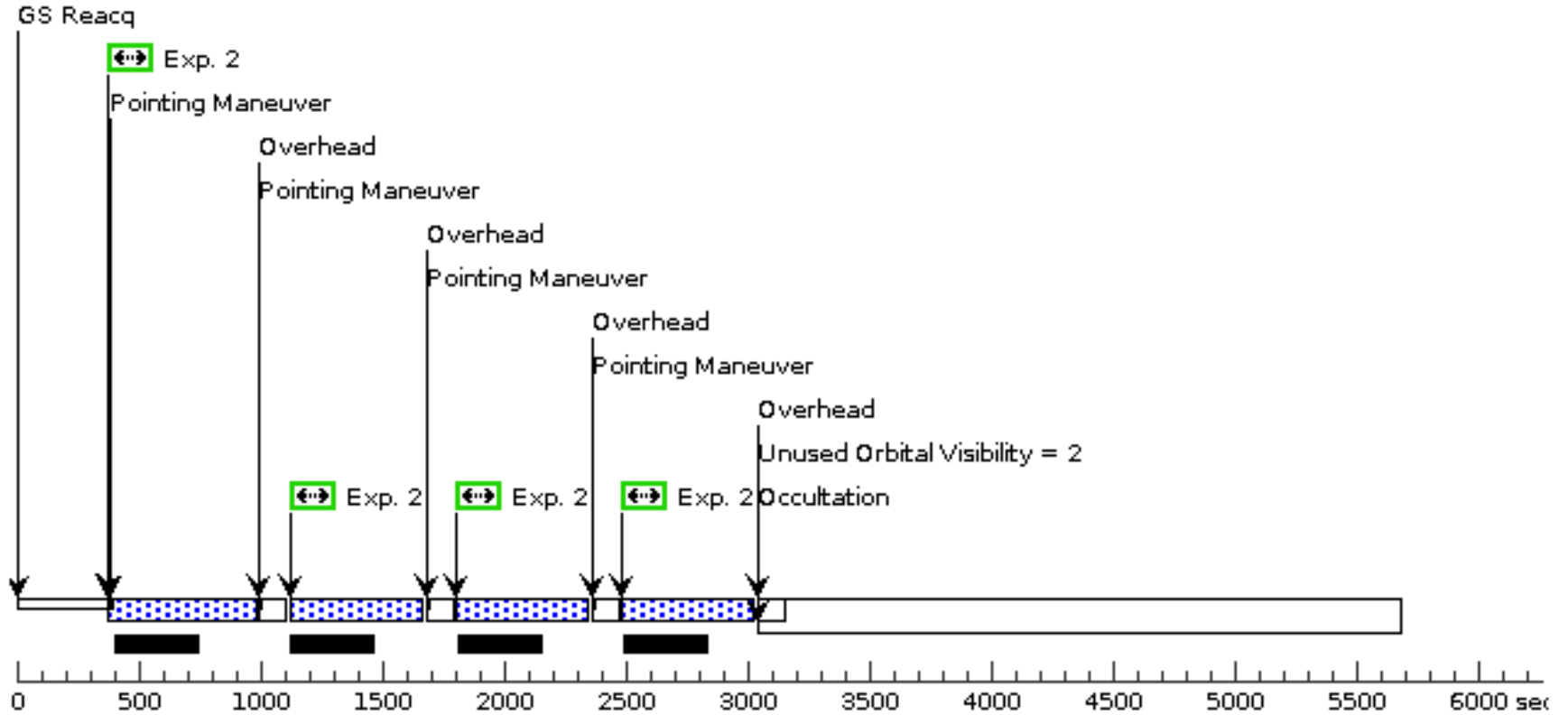
Visit	Proposal 17765, Visit 04, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	AT2021EHB	RA: 03 07 47.8060 (46.9491917d) Dec: +40 18 40.57 (40.31127d) Equinox: J2000		V=15	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) AT2021EHB	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 04 (1)	500 Secs (2242 Secs) [==>583.0 Secs (Pattern 1)] [==>553.0 Secs (Pattern 2)] [==>553.0 Secs (Pattern 3)] [==>553.0 Secs (Pattern 4)]	[1]
	2		(4) AT2021EHB	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 04 (1)	500 Secs (2228 Secs) [==>590.0 Secs (Pattern 1)] [==>546.0 Secs (Pattern 2)] [==>546.0 Secs (Pattern 3)] [==>546.0 Secs (Pattern 4)]	[2]
	3		(4) AT2021EHB	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 04 (1)	500 Secs (2239 Secs) [==>595.0 Secs (Pattern 1)] [==>548.0 Secs (Pattern 2)] [==>548.0 Secs (Pattern 3)] [==>548.0 Secs (Pattern 4)]	[3]

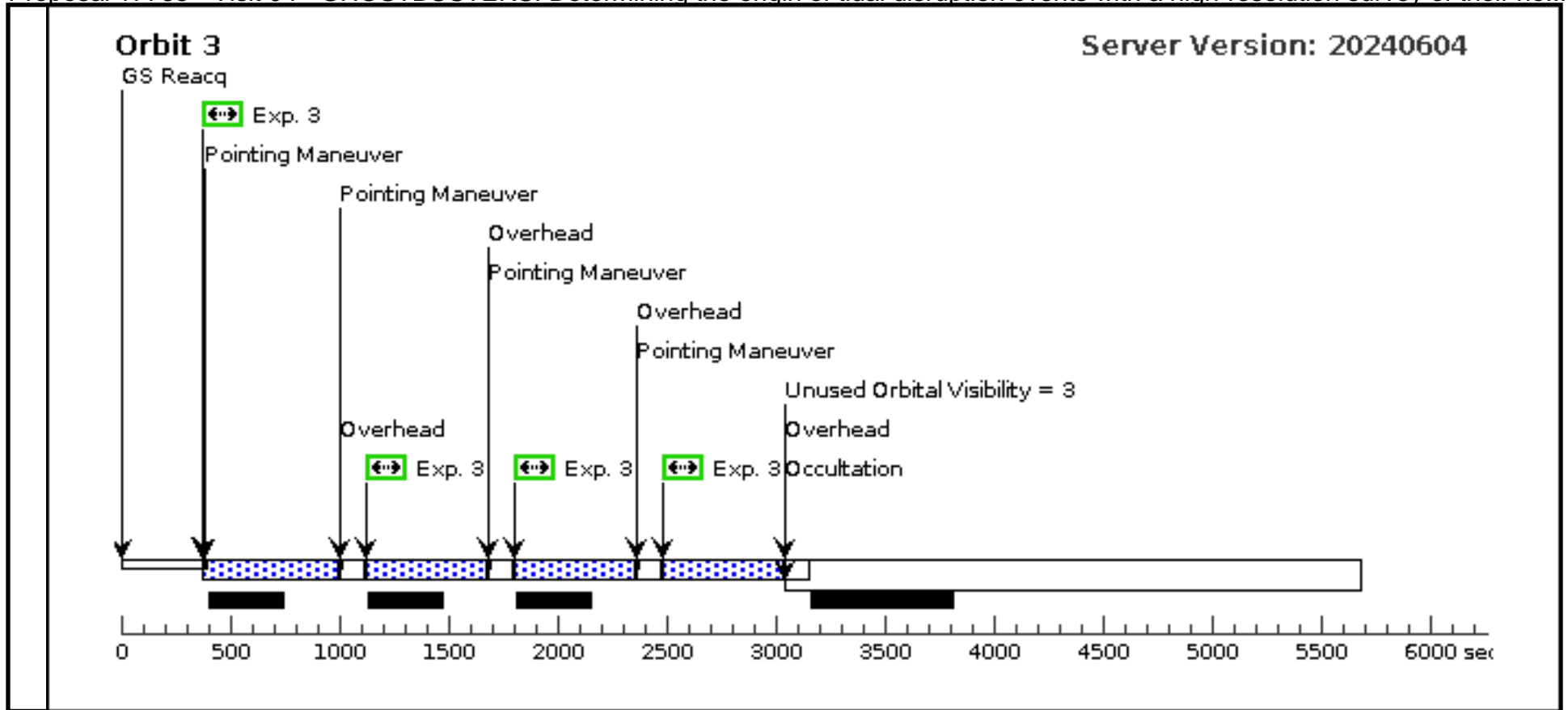


Orbit Structure

Orbit 2

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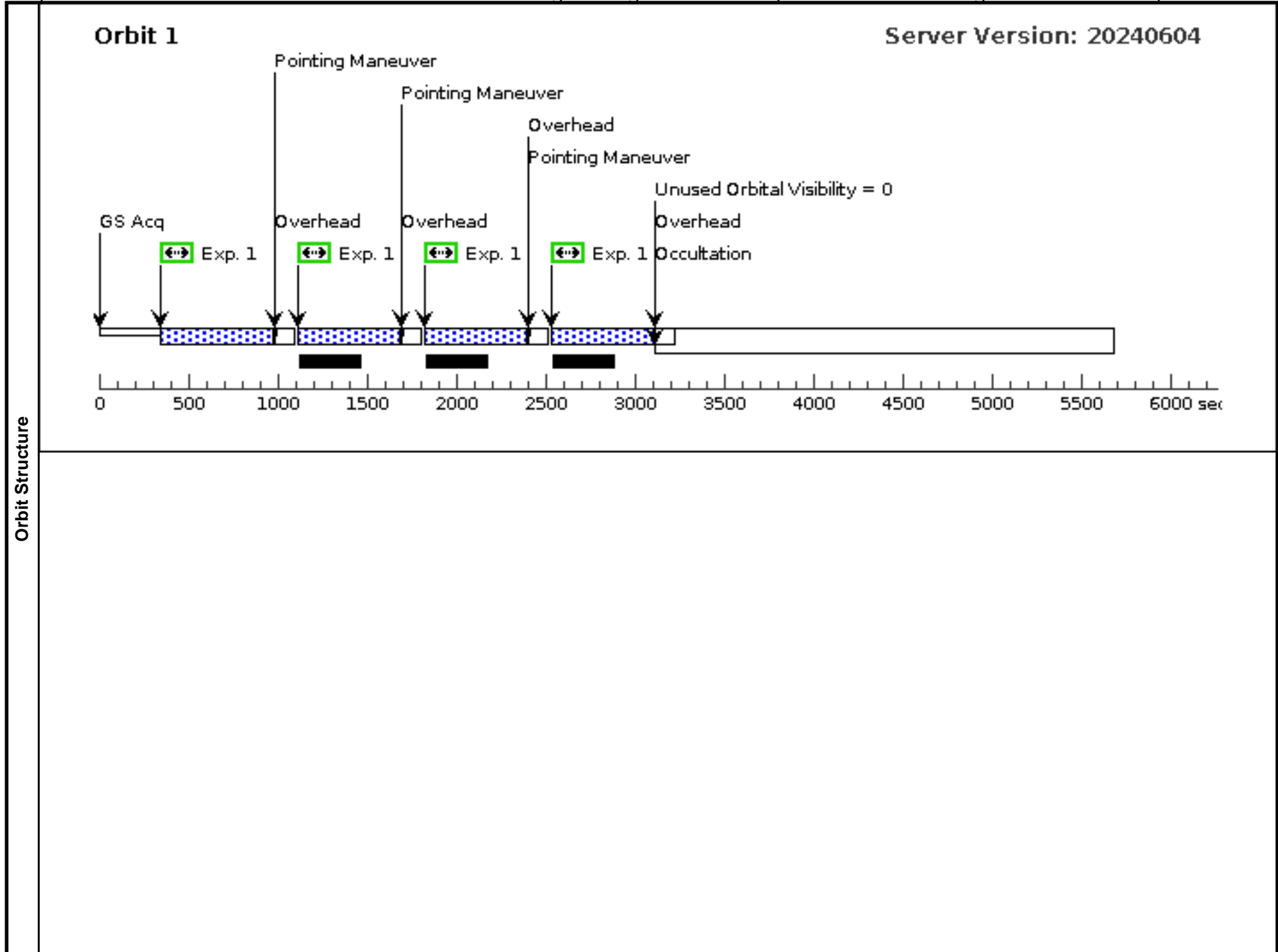




Proposal 17765 - Visit 05 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

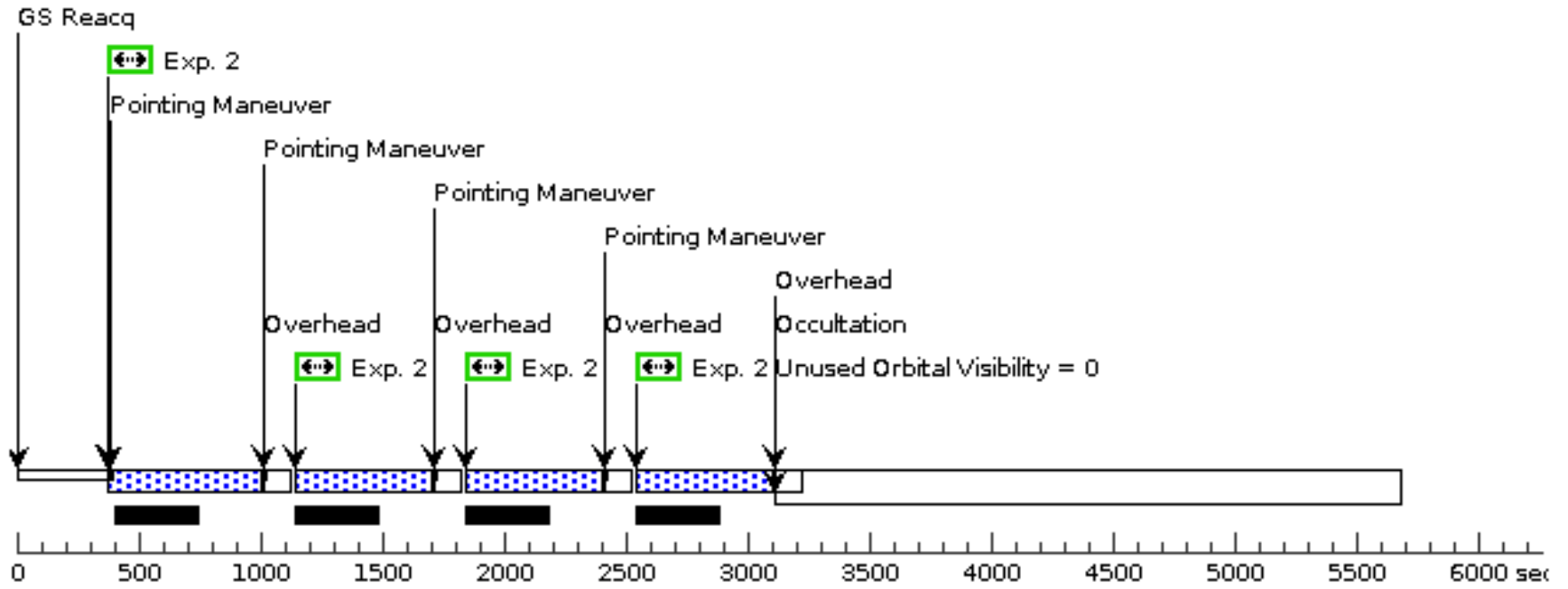
Fri Nov 22 16:02:44 GMT 2024

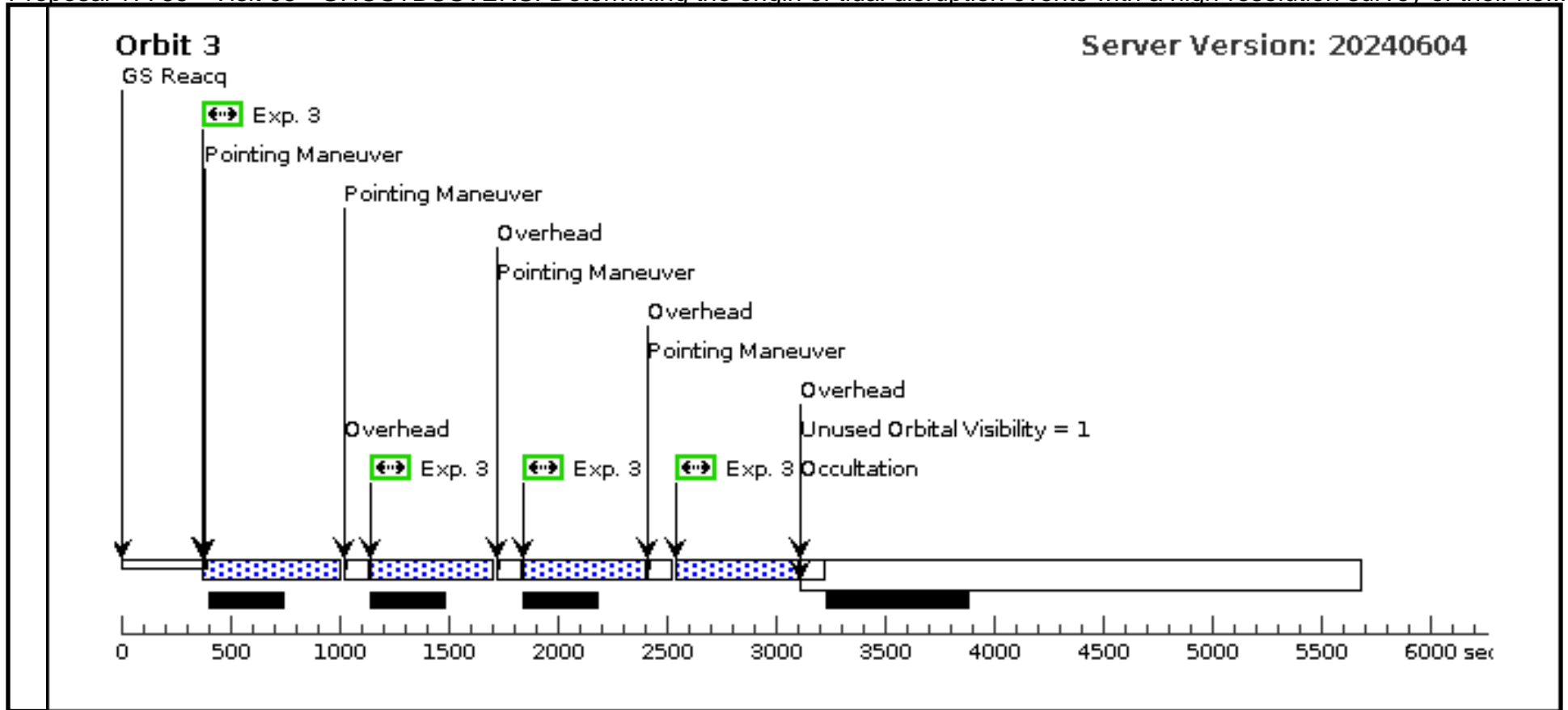
Visit	Proposal 17765, Visit 05, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	AT2018DYB	RA: 16 10 58.7740 (242.7448917d) Dec: -60 55 23.16 (-60.92310d) Equinox: J2000		V=17	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) AT2018DYB	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 05 (1)	500 Secs (2314 Secs) [==>601.0 Secs (Pattern 1)] [==>571.0 Secs (Pattern 2)] [==>571.0 Secs (Pattern 3)] [==>571.0 Secs (Pattern 4)]	[1]
	2		(5) AT2018DYB	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 05 (1)	500 Secs (2300 Secs) [==>608.0 Secs (Pattern 1)] [==>564.0 Secs (Pattern 2)] [==>564.0 Secs (Pattern 3)] [==>564.0 Secs (Pattern 4)]	[2]
	3		(5) AT2018DYB	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 05 (1)	500 Secs (2311 Secs) [==>613.0 Secs (Pattern 1)] [==>566.0 Secs (Pattern 2)] [==>566.0 Secs (Pattern 3)] [==>566.0 Secs (Pattern 4)]	[3]



Orbit 2

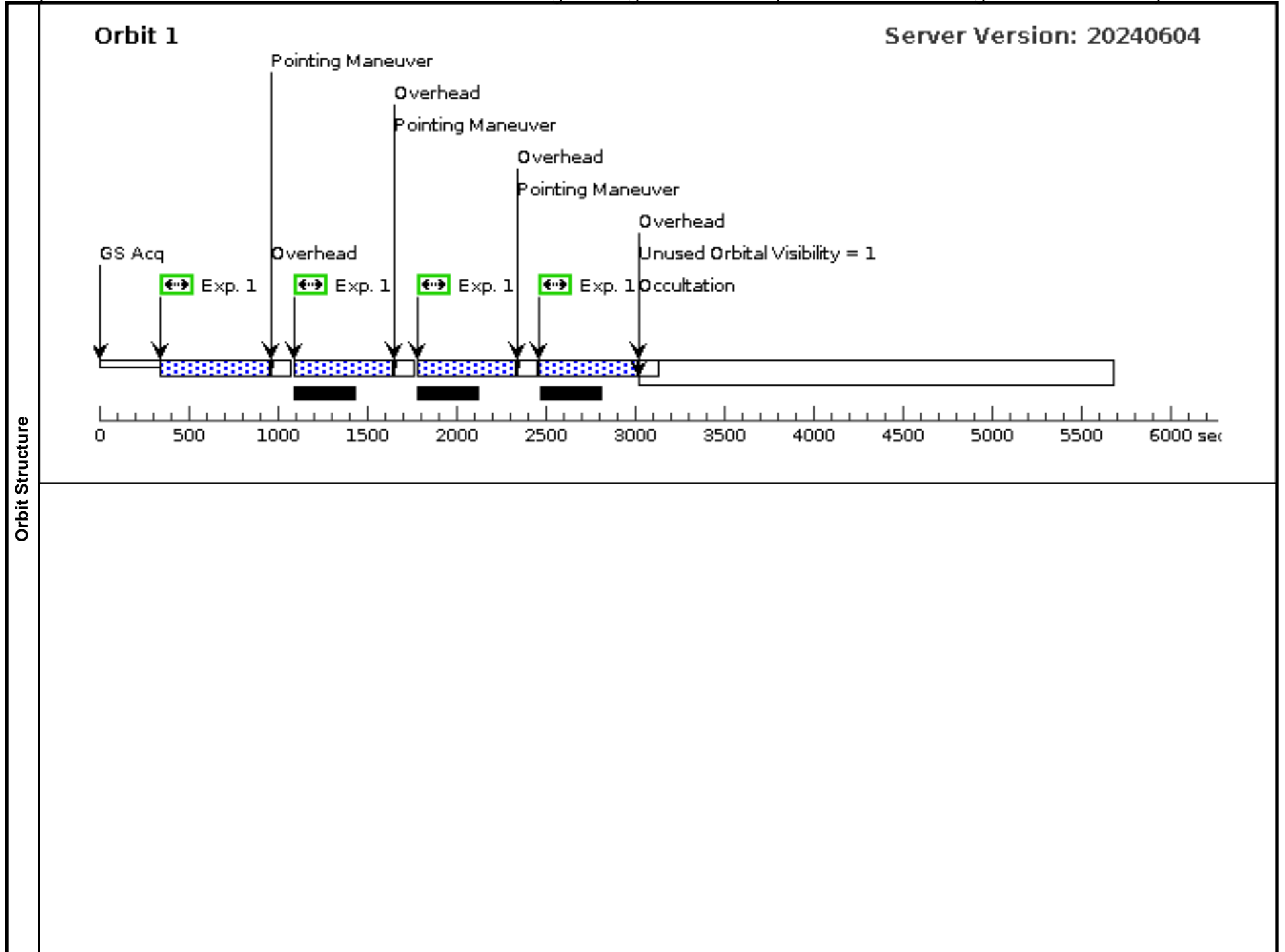
Server Version: 20240604

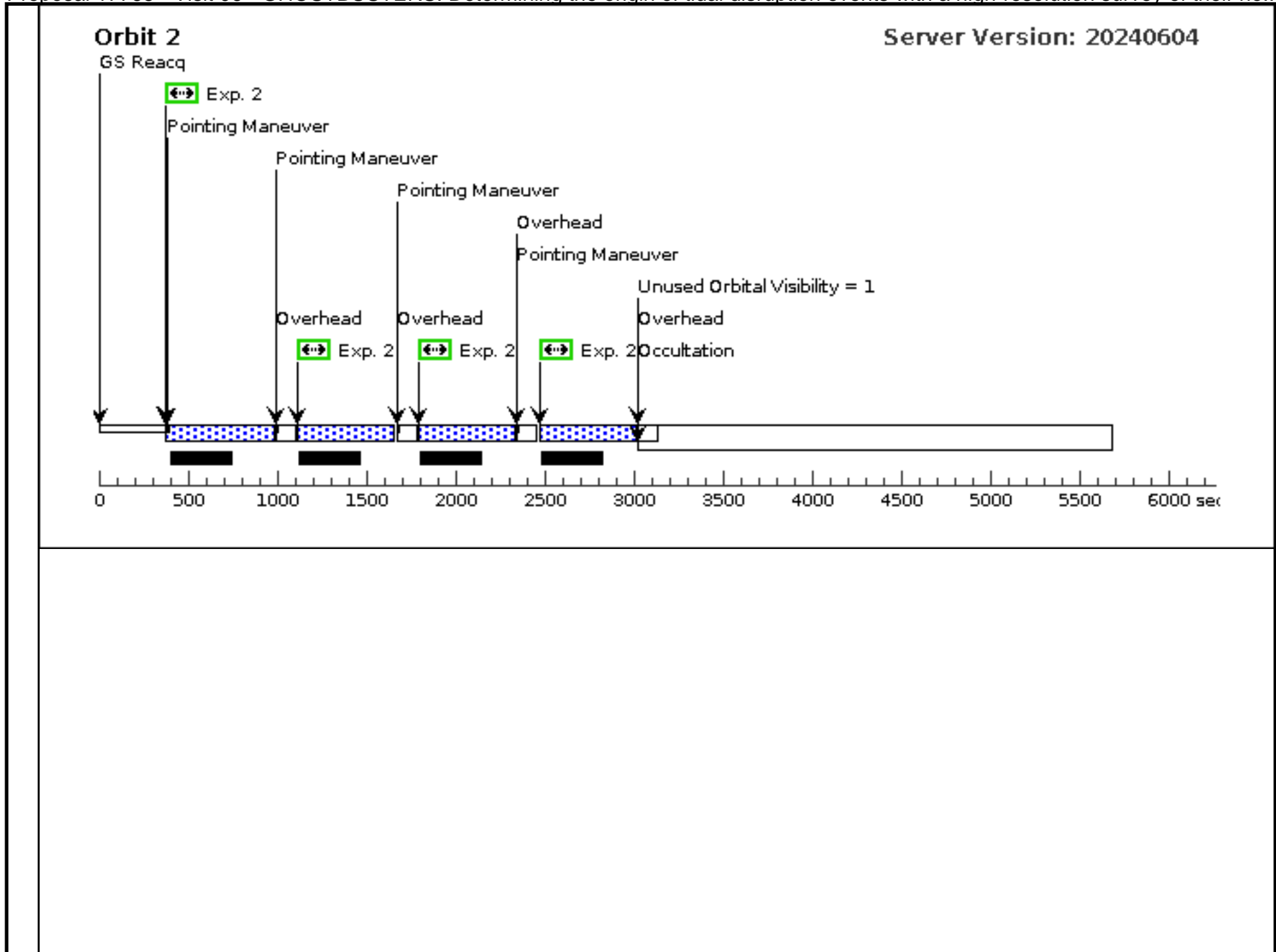


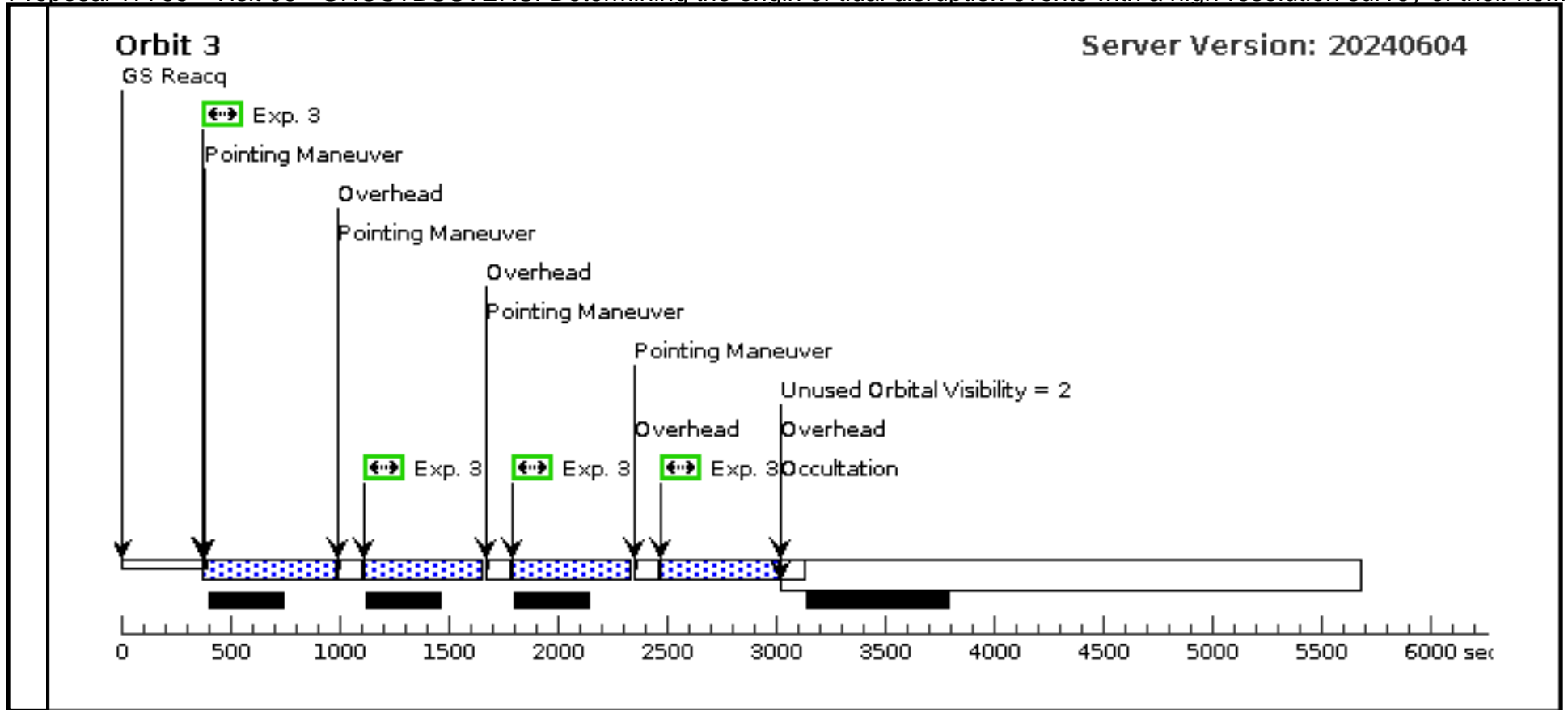


Proposal 17765 - Visit 06 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

Visit	Proposal 17765, Visit 06, completed Fri Nov 22 16:02:44 GMT 2024 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
Patterns	#	Primary Pattern Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112				Secondary Pattern Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false			Exposures (1), (2), (3)		
Fixed Targets	#	Name (6) AT2019AZH	Target Coordinates RA: 08 13 16.9450 (123.3206042d) Dec: +22 38 54.03 (22.64834d) Equinox: J2000	Targ. Coord. Corrections	Fluxes V=15	Miscellaneous Reference Frame: ICRS <i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]					
Exposures	#	Label (6) AT2019AZH	Target (6) AT2019AZH	Config,Mode,Aperture WFC3/UVIS, ACCUM, UVIS2	Spectral Els. F225W	Opt. Params. FLASH=20	Special Reqs.	Groups Pattern 1, Exps 1-1 in Visit 06 (1)	Exp. Time (Total)/[Actual Dur.] 500 Secs (2222 Secs) [==>578.0 Secs (Pattern 1)] [==>548.0 Secs (Pattern 2)] [==>548.0 Secs (Pattern 3)] [==>548.0 Secs (Pattern 4)]	Orbit [1]	
	2	(6) AT2019AZH	(6) AT2019AZH	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 06 (1)	500 Secs (2208 Secs) [==>585.0 Secs (Pattern 1)] [==>541.0 Secs (Pattern 2)] [==>541.0 Secs (Pattern 3)] [==>541.0 Secs (Pattern 4)]	[2]	
	3	(6) AT2019AZH	(6) AT2019AZH	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 06 (1)	500 Secs (2219 Secs) [==>590.0 Secs (Pattern 1)] [==>543.0 Secs (Pattern 2)] [==>543.0 Secs (Pattern 3)] [==>543.0 Secs (Pattern 4)]	[3]	



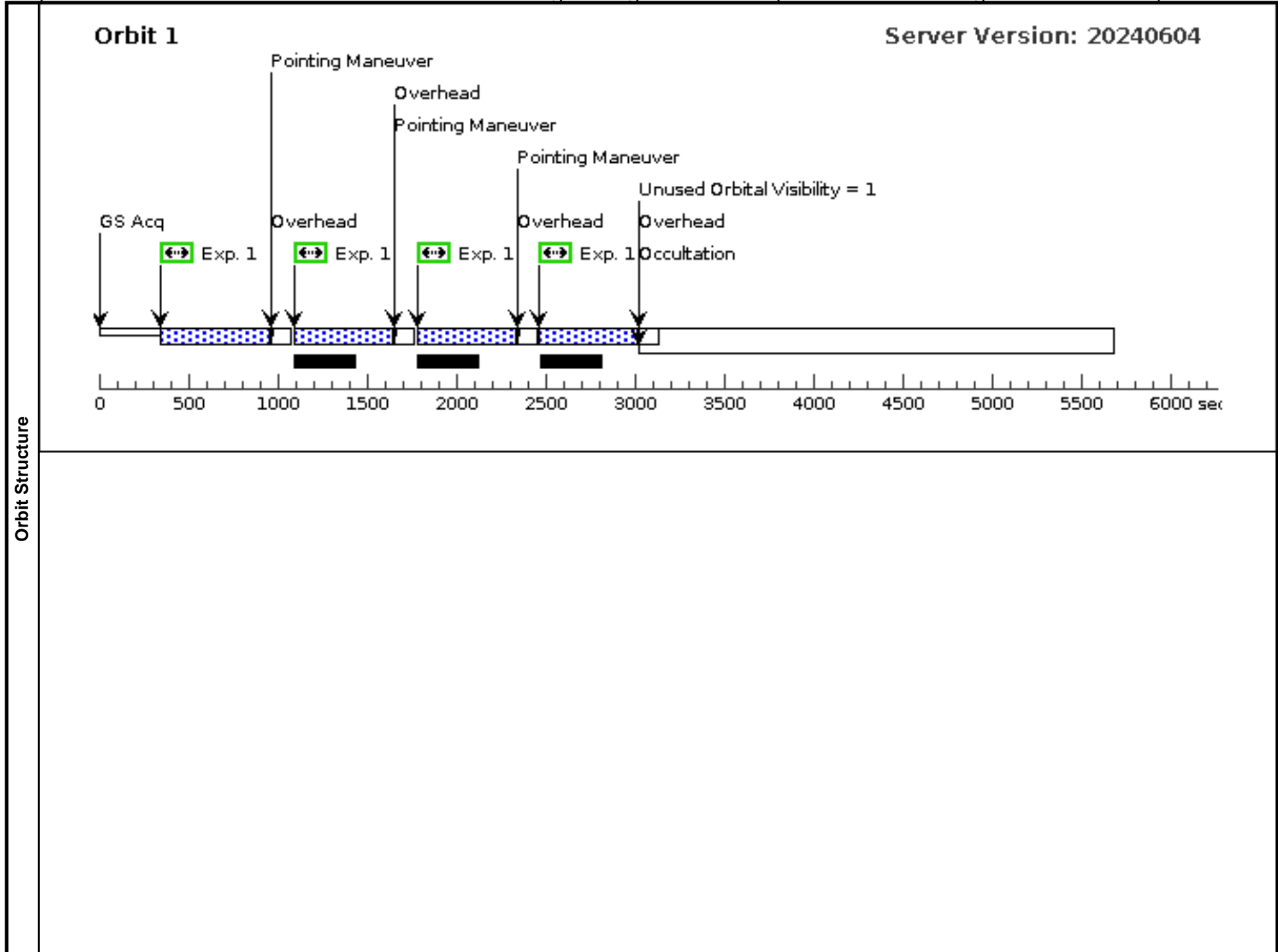




Proposal 17765 - Visit 07 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

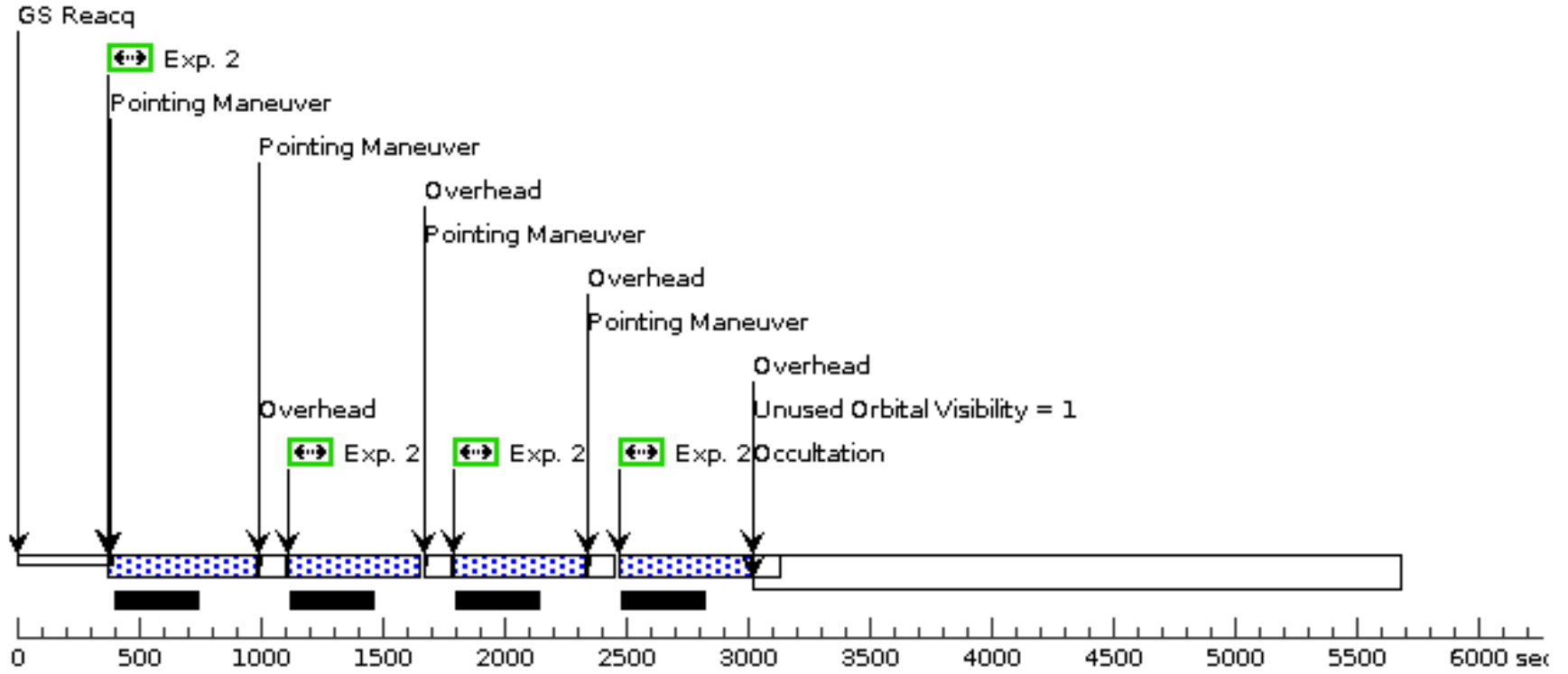
Fri Nov 22 16:02:44 GMT 2024

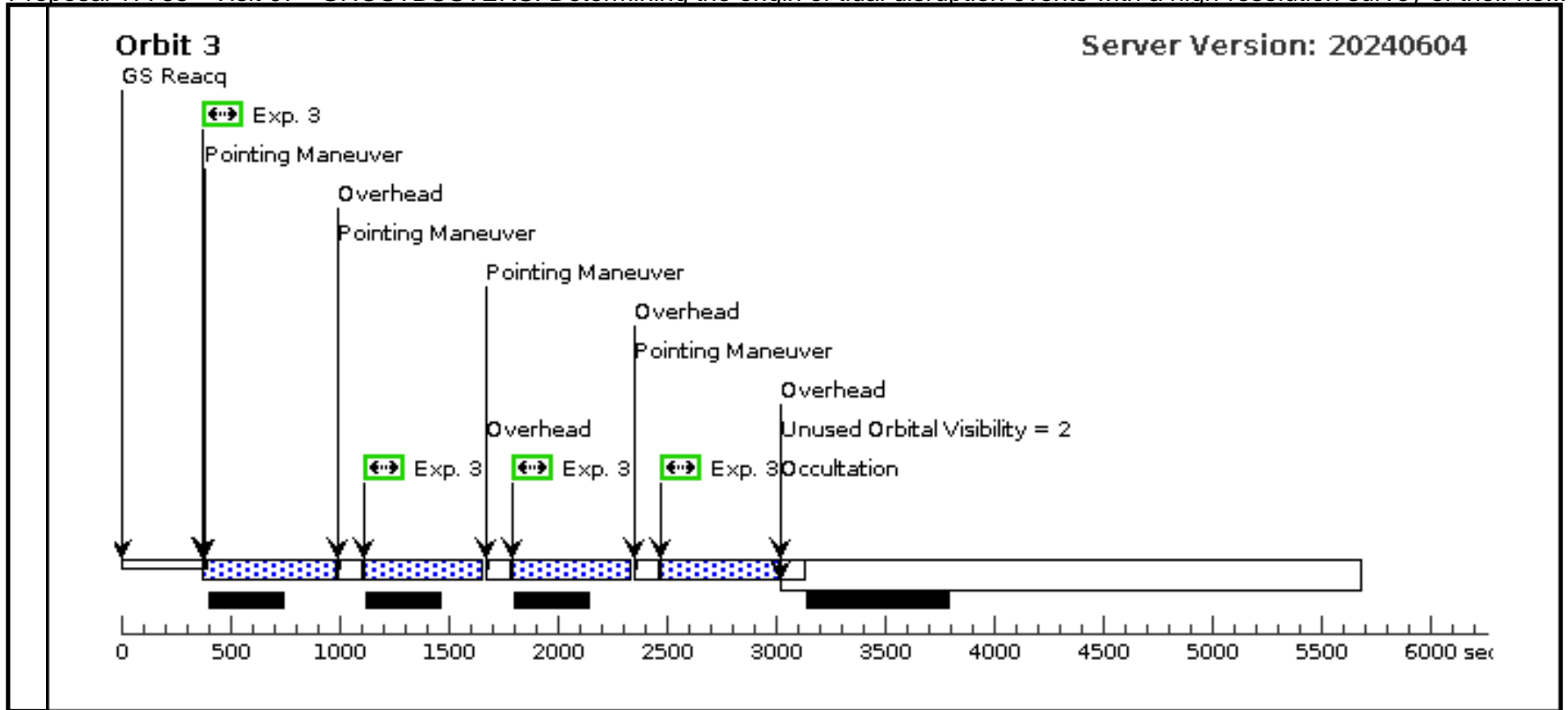
Visit	Proposal 17765, Visit 07, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112				Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false				(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	AT2022DSB	RA: 15 42 21.7430 (235.5905958d) Dec: -22 40 14.04 (-22.67057d) Equinox: J2000				V=15		Reference Frame: ICRS		
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) AT2022DSB	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 07 (1)	500 Secs (2222 Secs)		
									[==>578.0 Secs (Pattern 1)] [==>548.0 Secs (Pattern 2)] [==>548.0 Secs (Pattern 3)] [==>548.0 Secs (Pattern 4)]	[1]	
	2		(7) AT2022DSB	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 07 (1)	500 Secs (2208 Secs)		
									[==>585.0 Secs (Pattern 1)] [==>541.0 Secs (Pattern 2)] [==>541.0 Secs (Pattern 3)] [==>541.0 Secs (Pattern 4)]	[2]	
	3		(7) AT2022DSB	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 07 (1)	500 Secs (2219 Secs)		
									[==>590.0 Secs (Pattern 1)] [==>543.0 Secs (Pattern 2)] [==>543.0 Secs (Pattern 3)] [==>543.0 Secs (Pattern 4)]	[3]	



Orbit 2

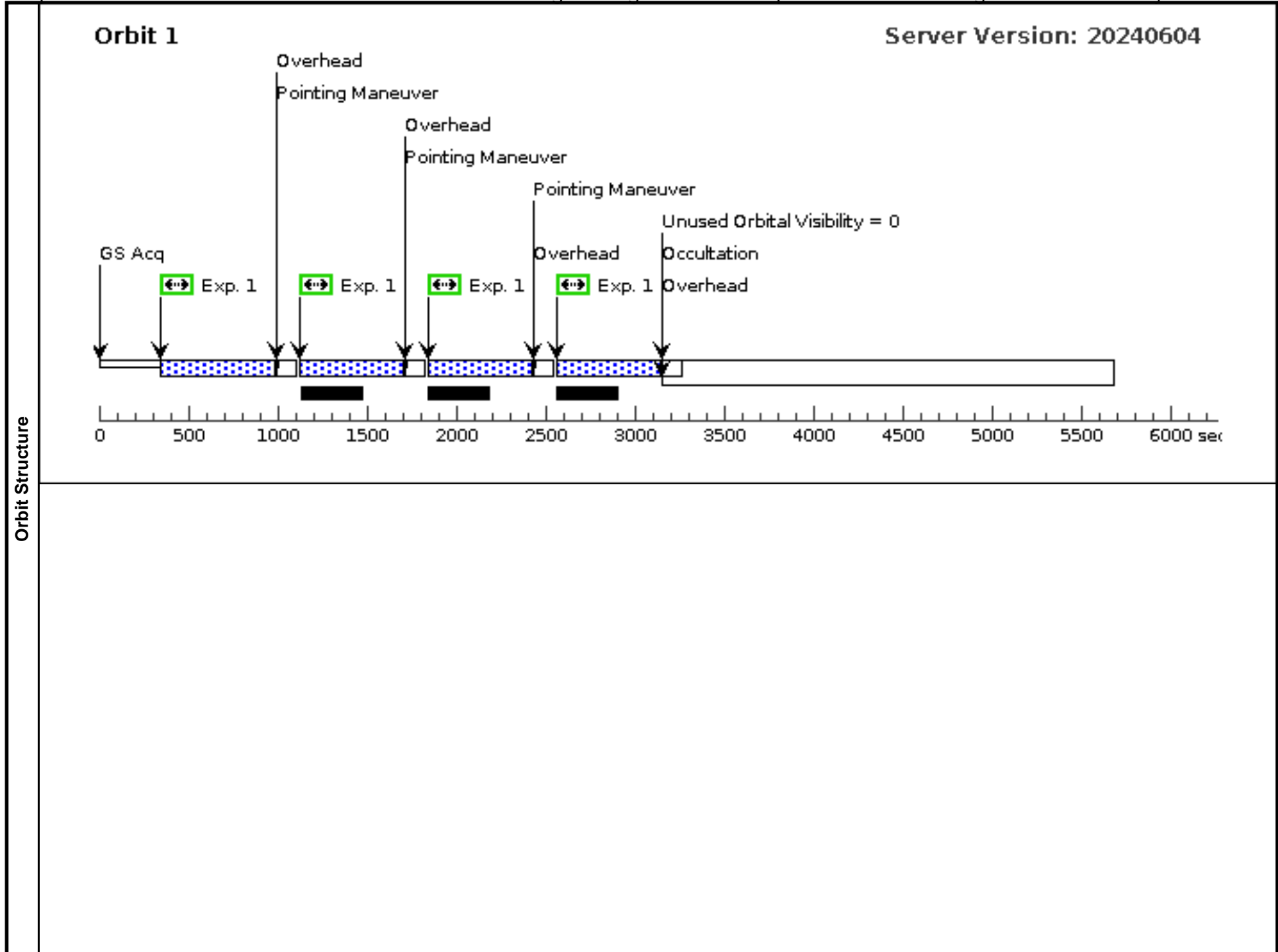
Server Version: 20240604





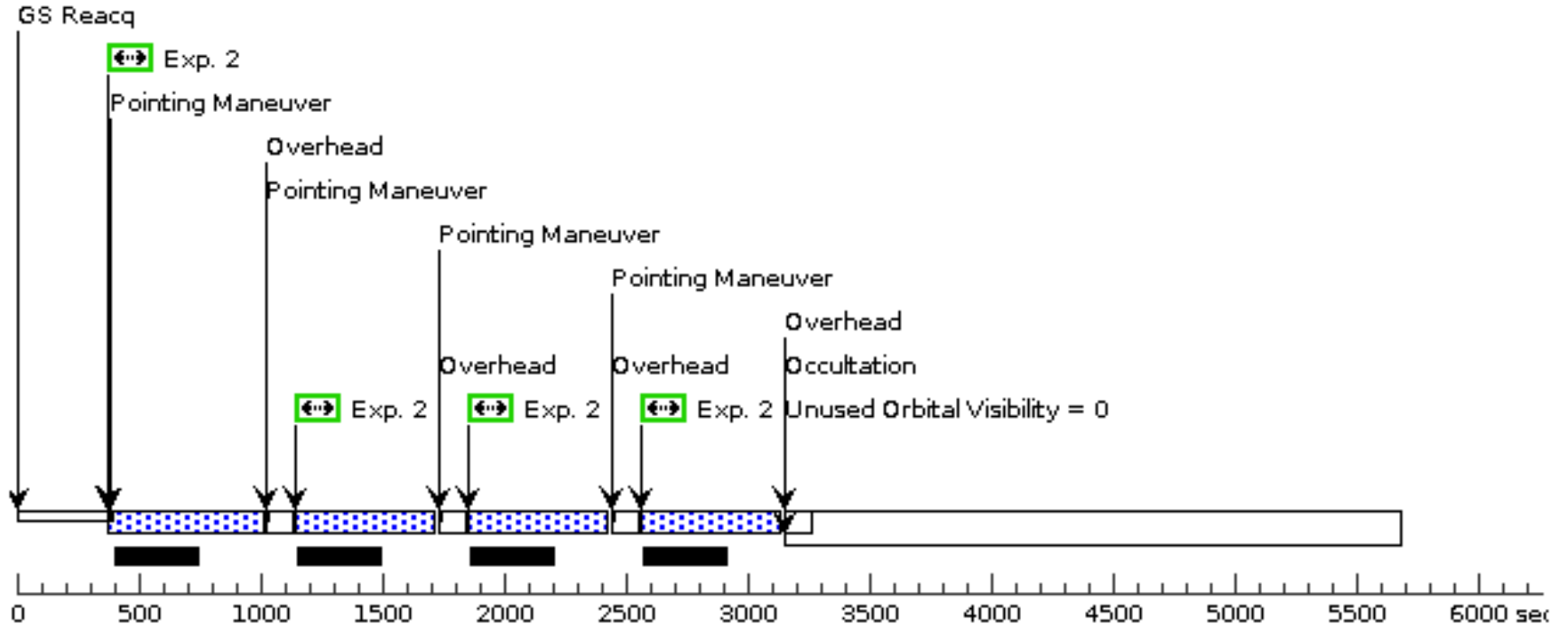
Proposal 17765 - Visit 08 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

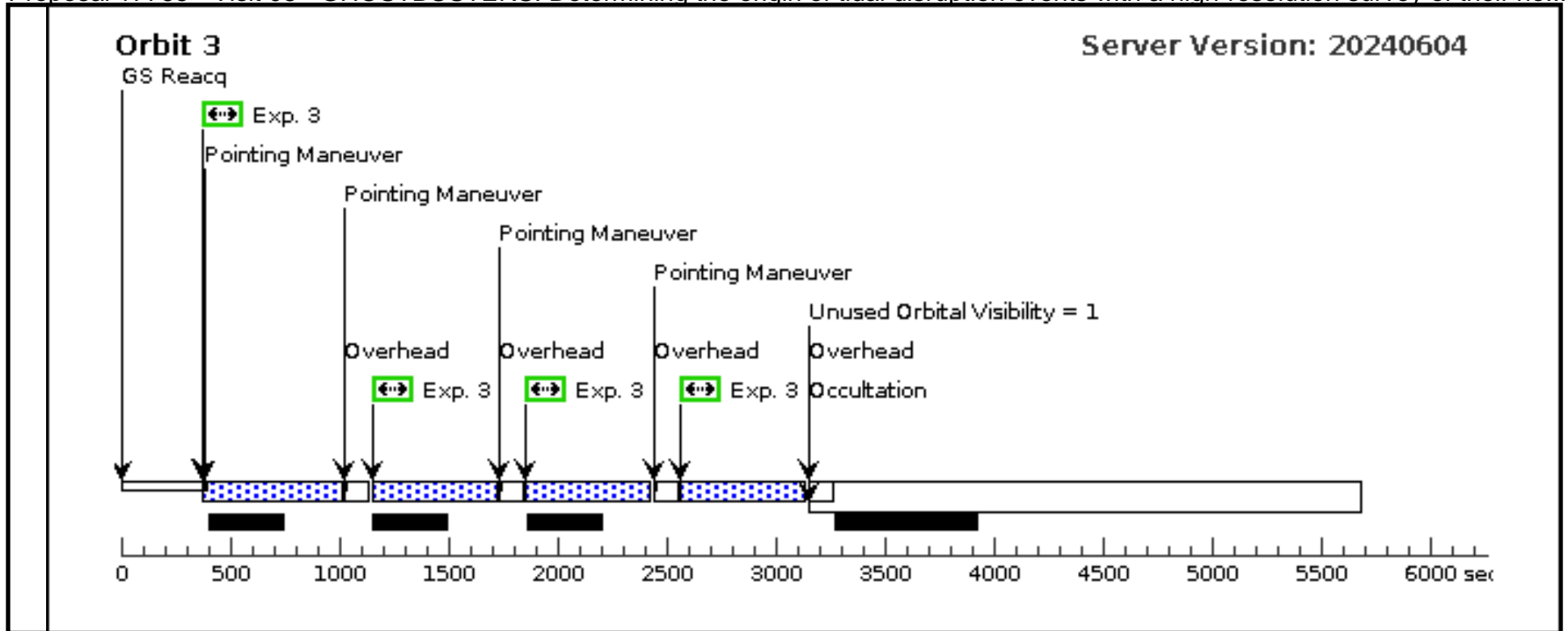
Visit	Proposal 17765, Visit 08, scheduled Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					Fri Nov 22 16:02:44 GMT 2024				
Patterns	#	Primary Pattern (1) Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Secondary Pattern Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false	Exposures (1), (2), (3)						
Fixed Targets	#	Name (8) AT2019AHK	Target Coordinates RA: 07 00 11.5460 (105.0481083d) Dec: -66 02 24.14 (-66.04004d) Equinox: J2000	Targ. Coord. Corrections	Fluxes V=17	Miscellaneous Reference Frame: ICRS <i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]				
Exposures	#	Label (8) AT2019AHK	Target (8) AT2019AHK	Config,Mode,Aperture WFC3/UVIS, ACCUM, UVIS2	Spectral Els. F225W	Opt. Params. FLASH=20	Special Reqs.	Groups Pattern 1, Exps 1-1 in Visit 08 (1)	Exp. Time (Total)/[Actual Dur.] 500 Secs (2346 Secs) [=>609.0 Secs (Pattern 1)] [=>579.0 Secs (Pattern 2)] [=>579.0 Secs (Pattern 3)] [=>579.0 Secs (Pattern 4)]	Orbit [1]
	2	(8) AT2019AHK	(8) AT2019AHK	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 08 (1)	500 Secs (2332 Secs) [=>616.0 Secs (Pattern 1)] [=>572.0 Secs (Pattern 2)] [=>572.0 Secs (Pattern 3)] [=>572.0 Secs (Pattern 4)]	[2]
	3	(8) AT2019AHK	(8) AT2019AHK	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 08 (1)	500 Secs (2343 Secs) [=>621.0 Secs (Pattern 1)] [=>574.0 Secs (Pattern 2)] [=>574.0 Secs (Pattern 3)] [=>574.0 Secs (Pattern 4)]	[3]



Orbit 2

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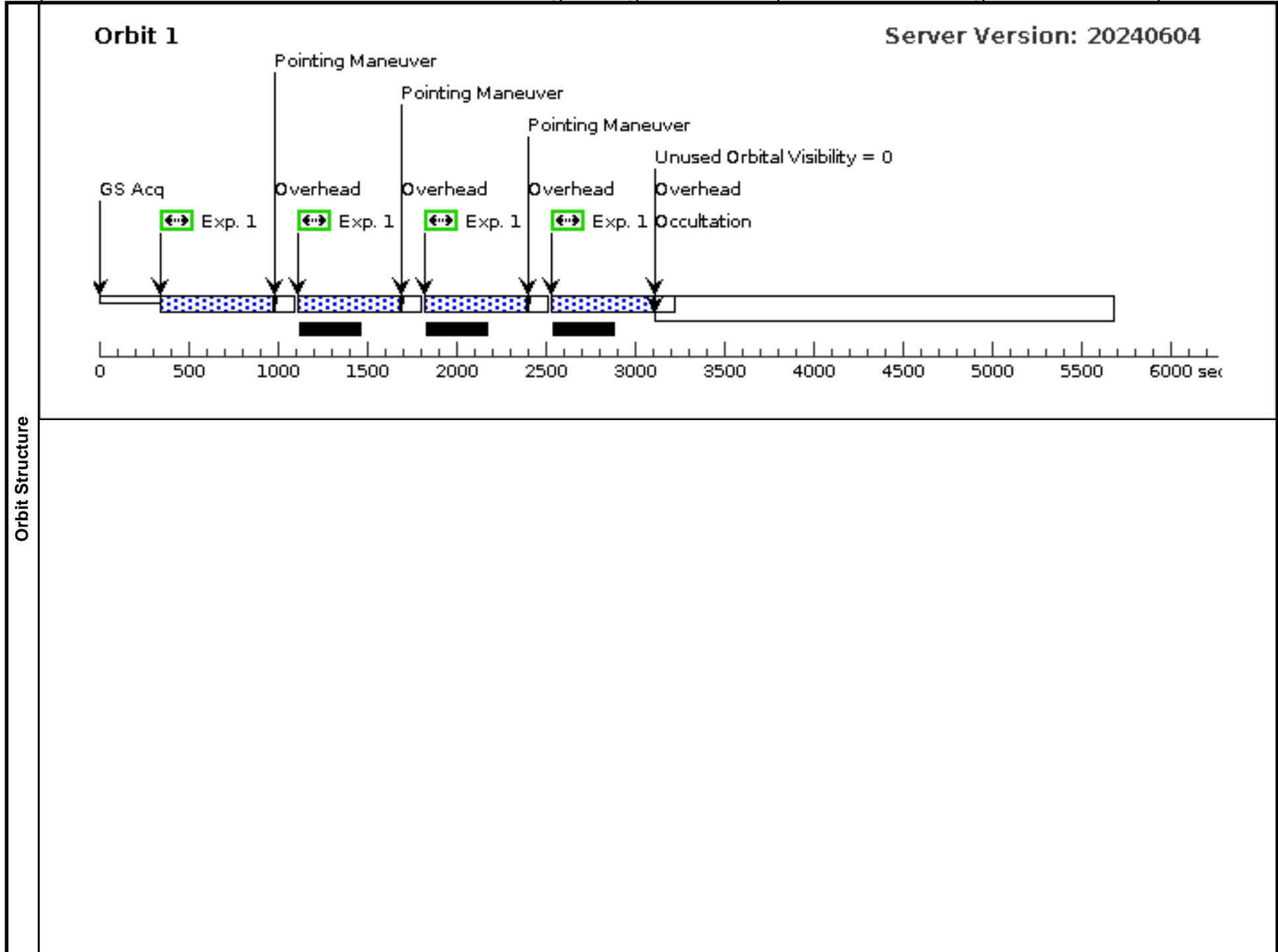




Proposal 17765 - Visit 09 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

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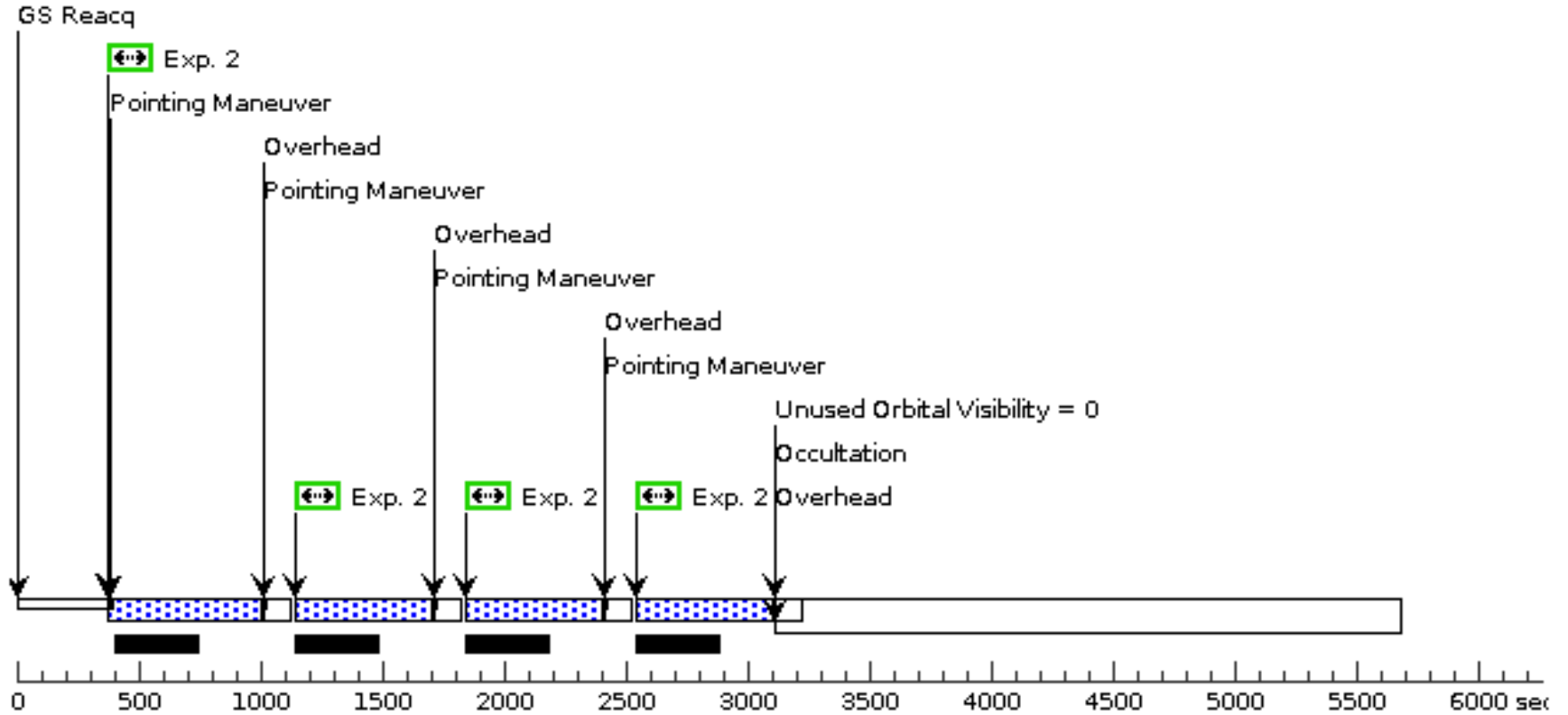
Visit	Proposal 17765, Visit 09, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	AT2020WEY	RA: 09 05 25.8800 (136.3578333d) Dec: +61 48 9.18 (61.80255d) Equinox: J2000		V=17	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) AT2020WEY	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 09 (1)	500 Secs (2314 Secs)	
									[==>601.0 Secs (Pattern 1)] [==>571.0 Secs (Pattern 2)] [==>571.0 Secs (Pattern 3)] [==>571.0 Secs (Pattern 4)]	[1]
	2		(9) AT2020WEY	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 09 (1)	500 Secs (2300 Secs)	
								[==>608.0 Secs (Pattern 1)] [==>564.0 Secs (Pattern 2)] [==>564.0 Secs (Pattern 3)] [==>564.0 Secs (Pattern 4)]	[2]	
3		(9) AT2020WEY	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5			Pattern 1, Exps 3-3 in Visit 09 (1)	500 Secs (2311 Secs)	
								[==>613.0 Secs (Pattern 1)] [==>566.0 Secs (Pattern 2)] [==>566.0 Secs (Pattern 3)] [==>566.0 Secs (Pattern 4)]	[3]	

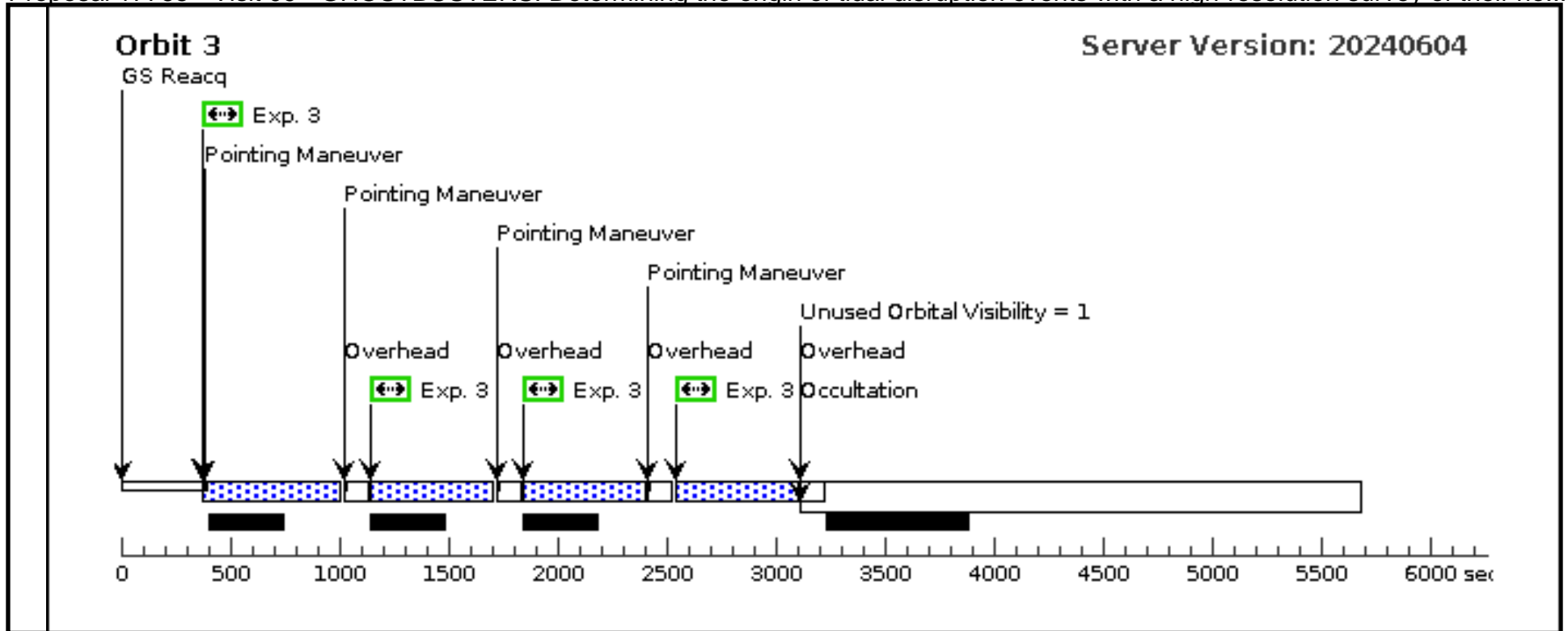


Orbit Structure

Orbit 2

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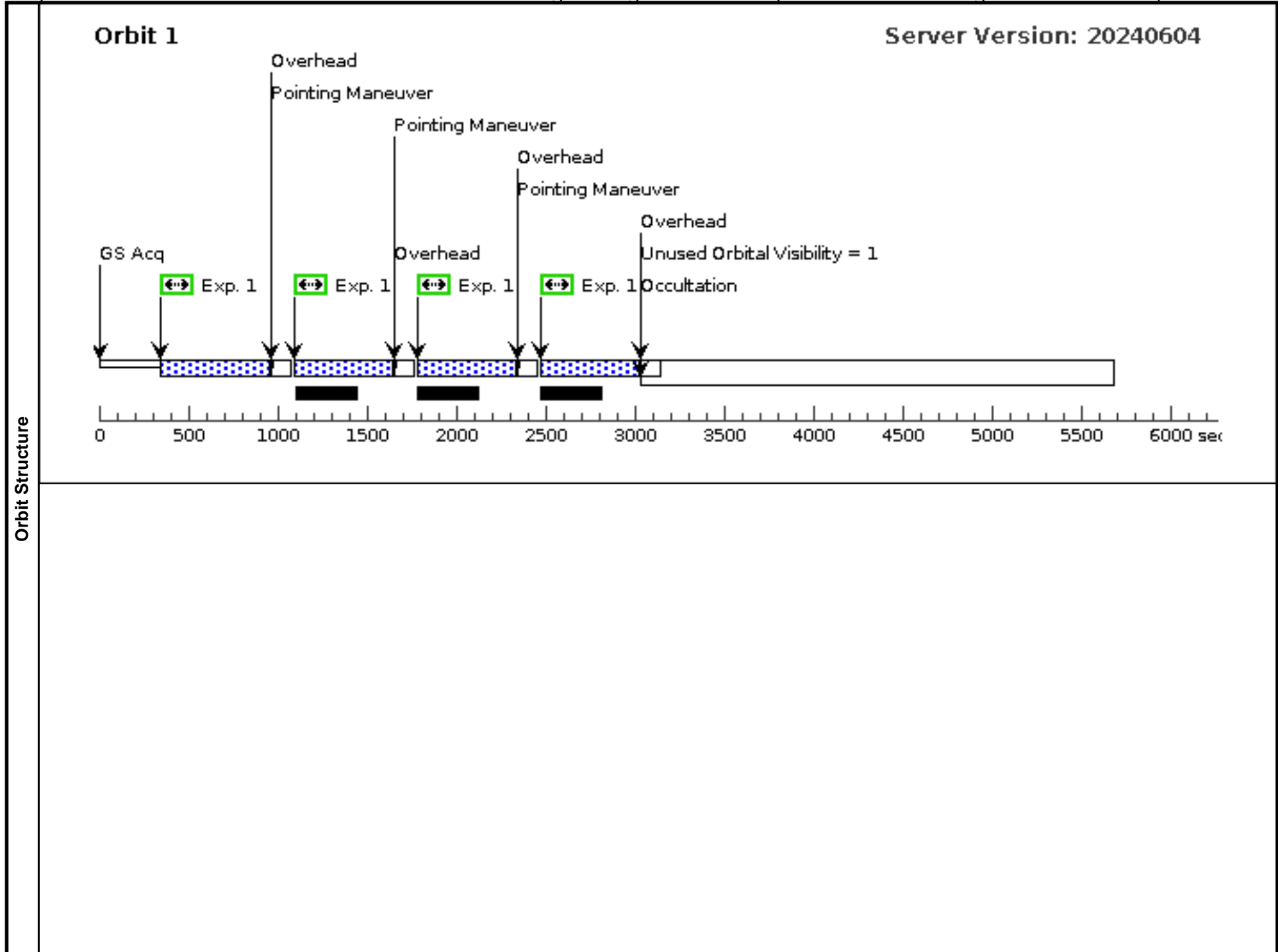




Proposal 17765 - Visit 10 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

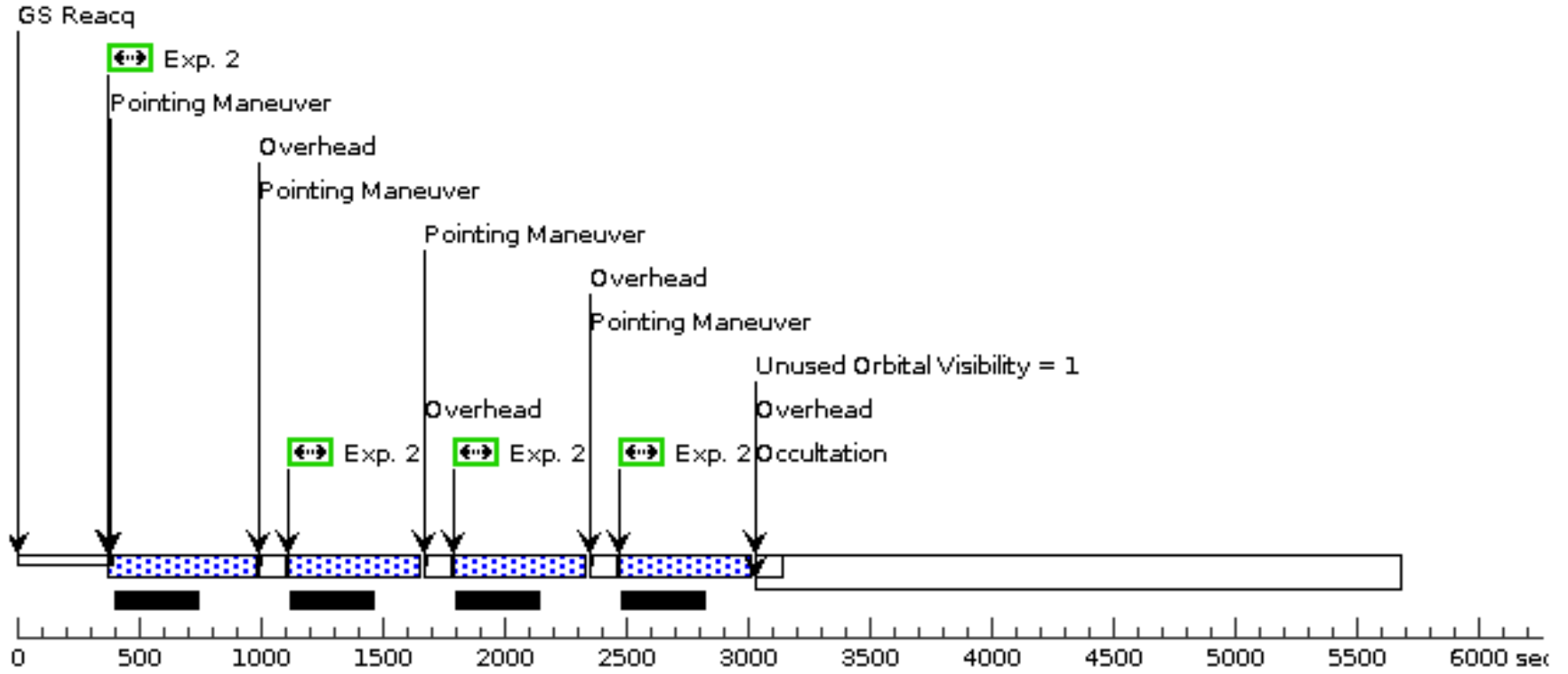
Fri Nov 22 16:02:44 GMT 2024

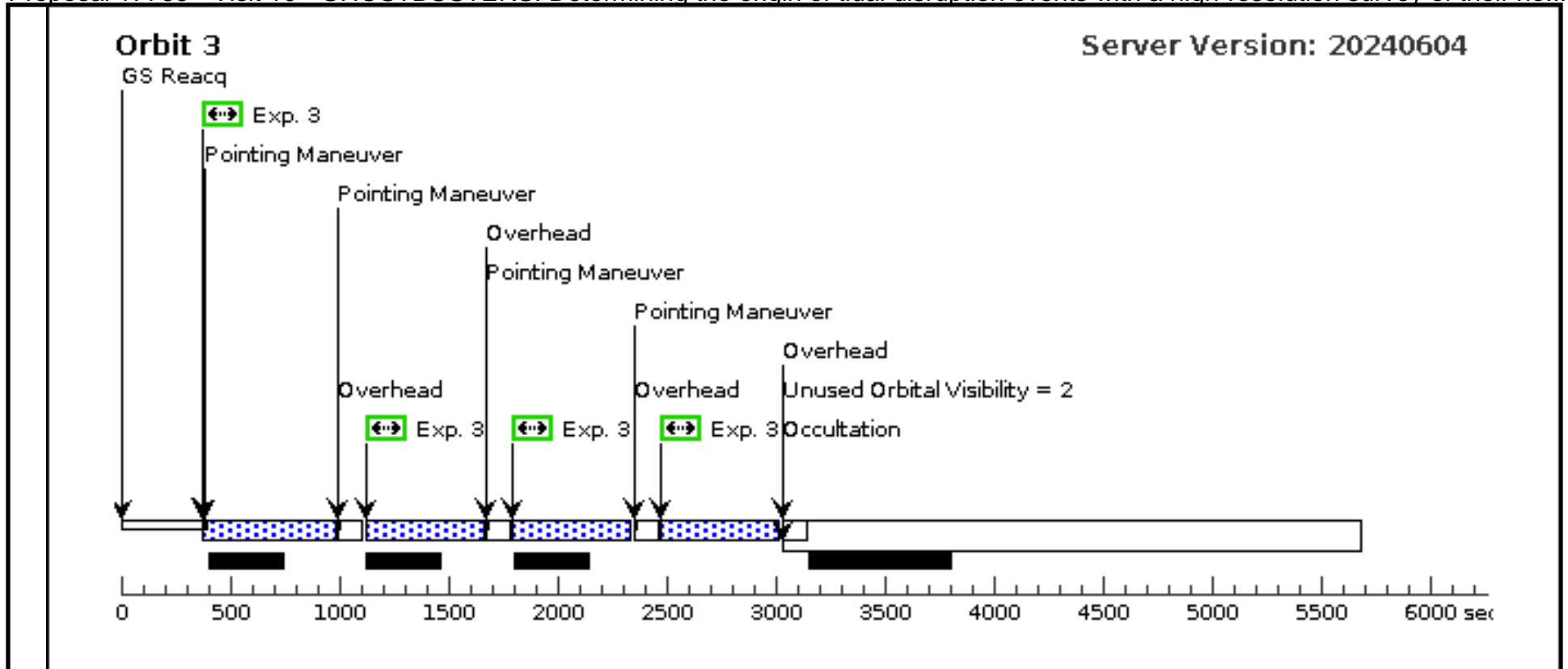
Visit	Proposal 17765, Visit 10, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	AT2020VWL	RA: 15 30 37.8000 (232.6575000d) Dec: +26 58 56.89 (26.98247d) Equinox: J2000		V=16	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) AT2020VWL	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 10 (1)	500 Secs (2226 Secs)	
									[==>579.0 Secs (Pattern 1)] [==>549.0 Secs (Pattern 2)] [==>549.0 Secs (Pattern 3)] [==>549.0 Secs (Pattern 4)]	[1]
	2		(10) AT2020VWL	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 10 (1)	500 Secs (2212 Secs)	
								[==>586.0 Secs (Pattern 1)] [==>542.0 Secs (Pattern 2)] [==>542.0 Secs (Pattern 3)] [==>542.0 Secs (Pattern 4)]	[2]	
3		(10) AT2020VWL	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5			Pattern 1, Exps 3-3 in Visit 10 (1)	500 Secs (2223 Secs)	
								[==>591.0 Secs (Pattern 1)] [==>544.0 Secs (Pattern 2)] [==>544.0 Secs (Pattern 3)] [==>544.0 Secs (Pattern 4)]	[3]	



Orbit 2

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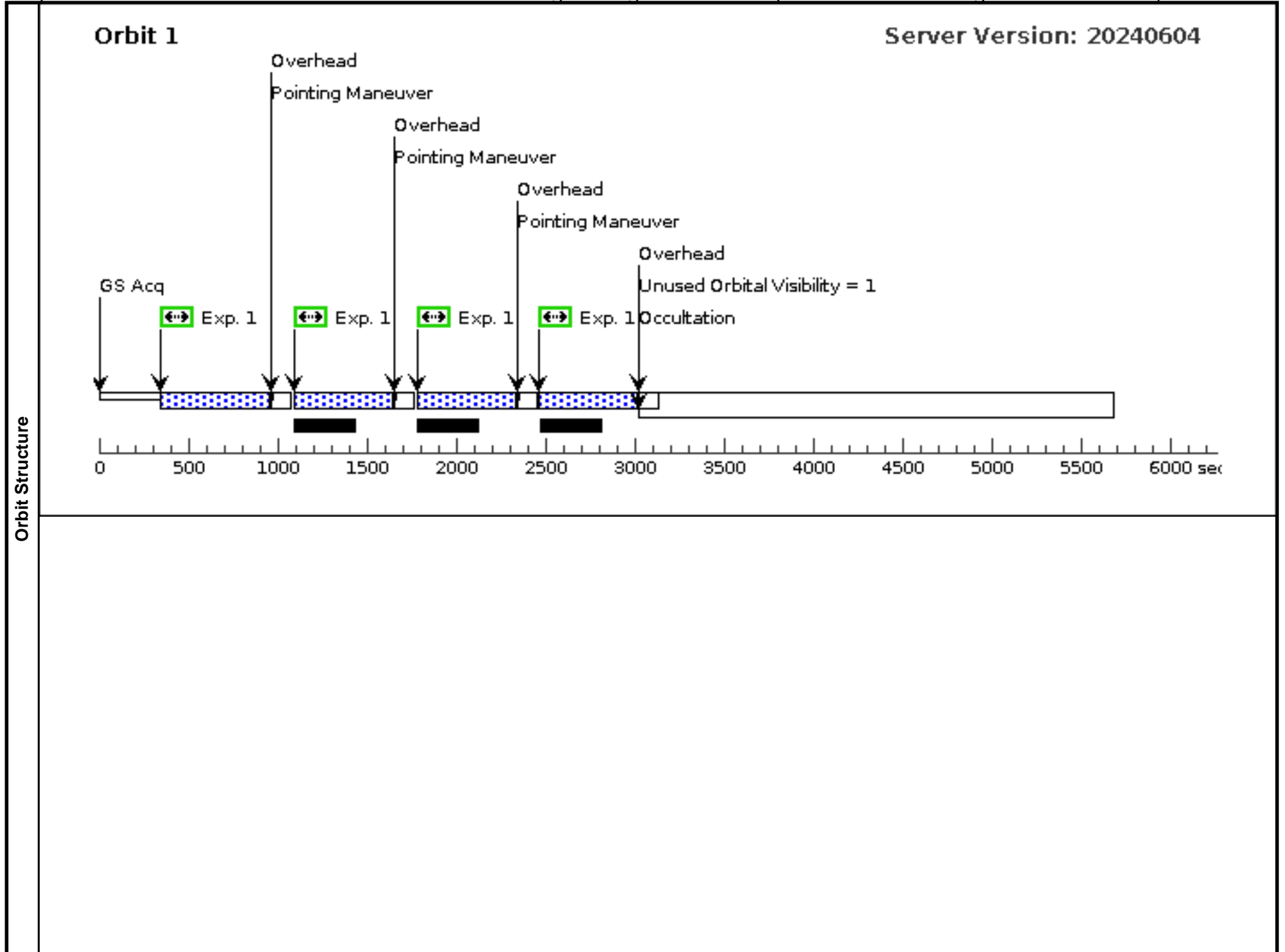




Proposal 17765 - Visit 11 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

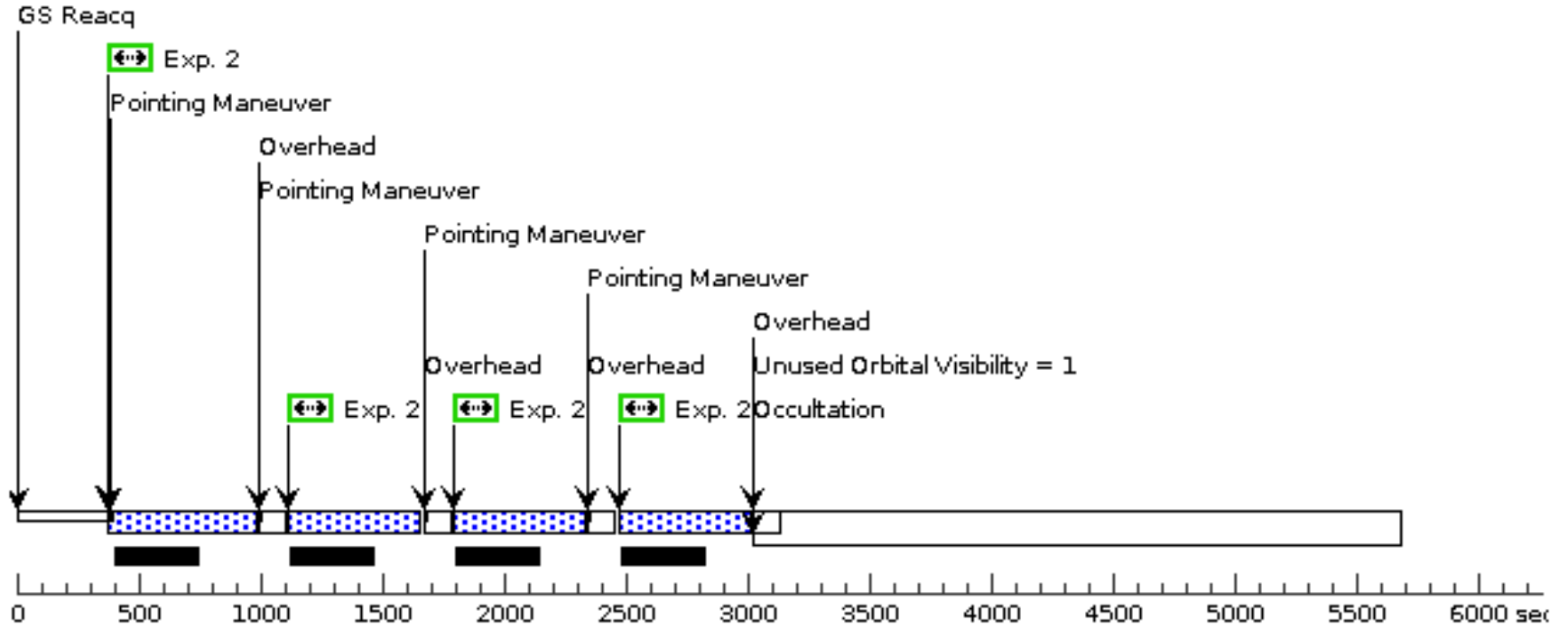
Fri Nov 22 16:02:44 GMT 2024

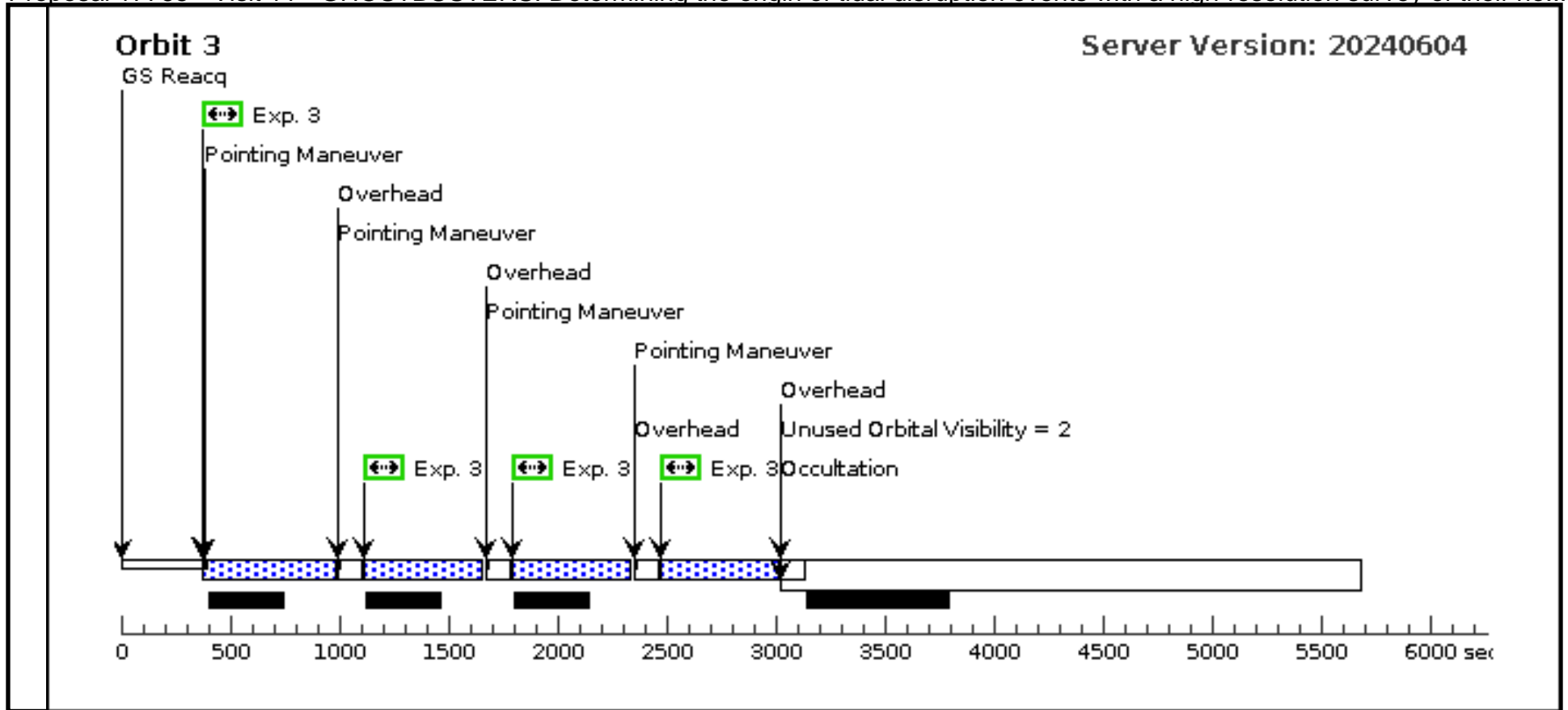
Visit	Proposal 17765, Visit 11, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	AT2022LRI	RA: 02 20 8.0090 (35.0333708d) Dec: -22 43 15.42 (-22.72095d) Equinox: J2000		V=17	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) AT2022LRI	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 11 (1)	500 Secs (2222 Secs)	
									[==>578.0 Secs (Pattern 1)] [==>548.0 Secs (Pattern 2)] [==>548.0 Secs (Pattern 3)] [==>548.0 Secs (Pattern 4)]	[1]
	2		(11) AT2022LRI	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 11 (1)	500 Secs (2208 Secs)	
								[==>585.0 Secs (Pattern 1)] [==>541.0 Secs (Pattern 2)] [==>541.0 Secs (Pattern 3)] [==>541.0 Secs (Pattern 4)]	[2]	
3		(11) AT2022LRI	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 11 (1)	500 Secs (2219 Secs)		
								[==>590.0 Secs (Pattern 1)] [==>543.0 Secs (Pattern 2)] [==>543.0 Secs (Pattern 3)] [==>543.0 Secs (Pattern 4)]	[3]	



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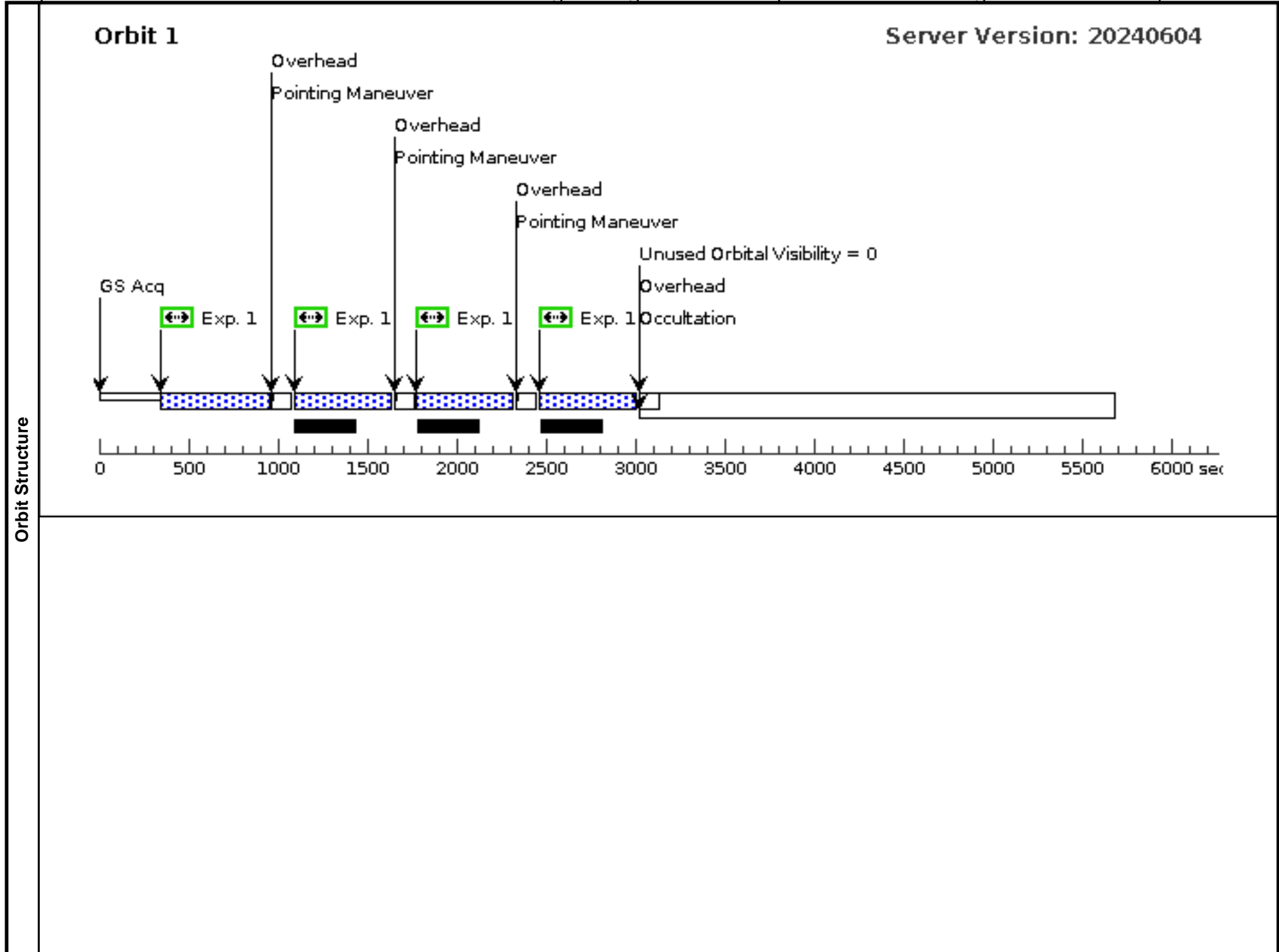


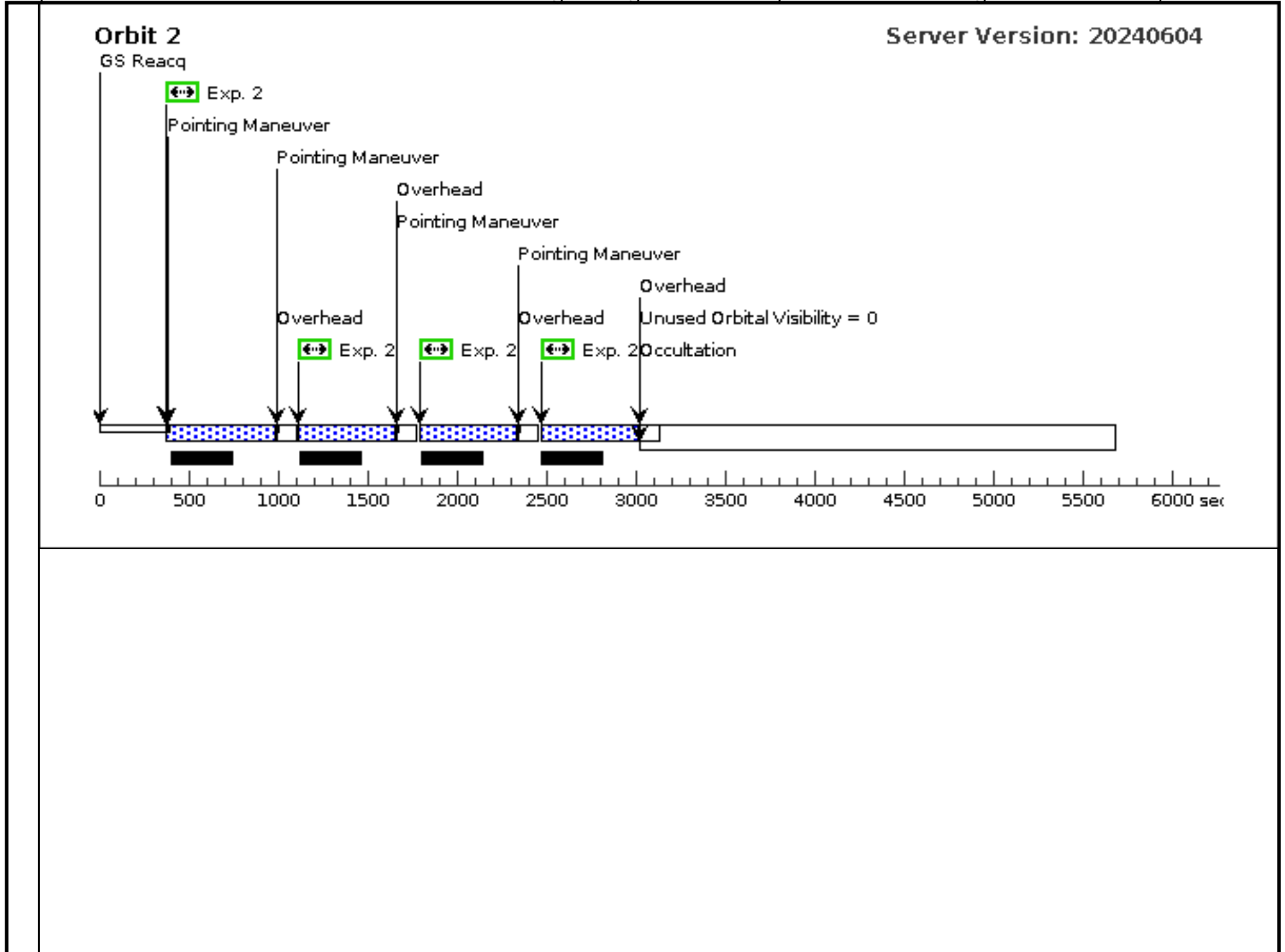


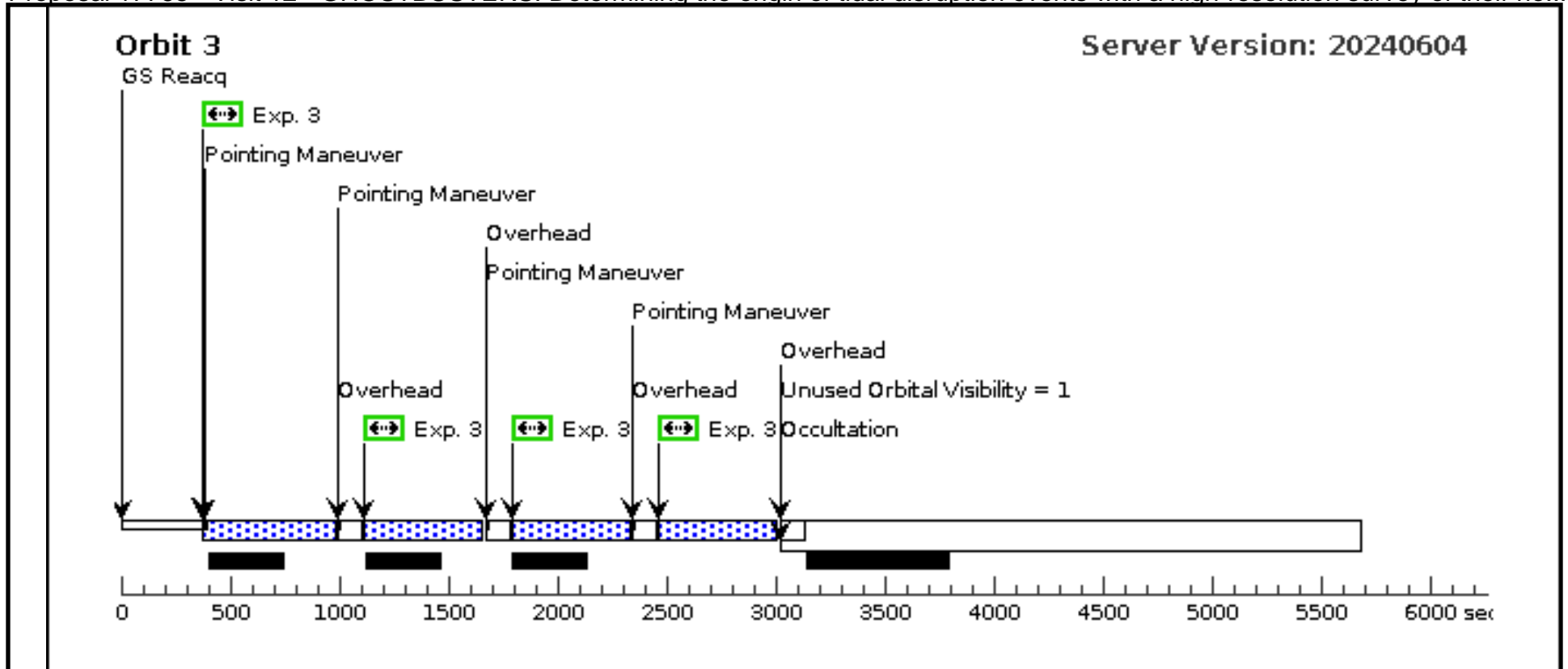
Proposal 17765 - Visit 12 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

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Visit	Proposal 17765, Visit 12, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(12)	AT2022BDW	RA: 08 25 10.3600 (126.2931667d) Dec: +18 34 57.50 (18.58264d) Equinox: J2000		V=15	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(12) AT2022BDW	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 12 (1)	500 Secs (2218 Secs) [==>577.0 Secs (Pattern 1)] [==>547.0 Secs (Pattern 2)] [==>547.0 Secs (Pattern 3)] [==>547.0 Secs (Pattern 4)]	[1]
	2		(12) AT2022BDW	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 12 (1)	500 Secs (2204 Secs) [==>584.0 Secs (Pattern 1)] [==>540.0 Secs (Pattern 2)] [==>540.0 Secs (Pattern 3)] [==>540.0 Secs (Pattern 4)]	[2]
	3		(12) AT2022BDW	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 12 (1)	500 Secs (2215 Secs) [==>589.0 Secs (Pattern 1)] [==>542.0 Secs (Pattern 2)] [==>542.0 Secs (Pattern 3)] [==>542.0 Secs (Pattern 4)]	[3]



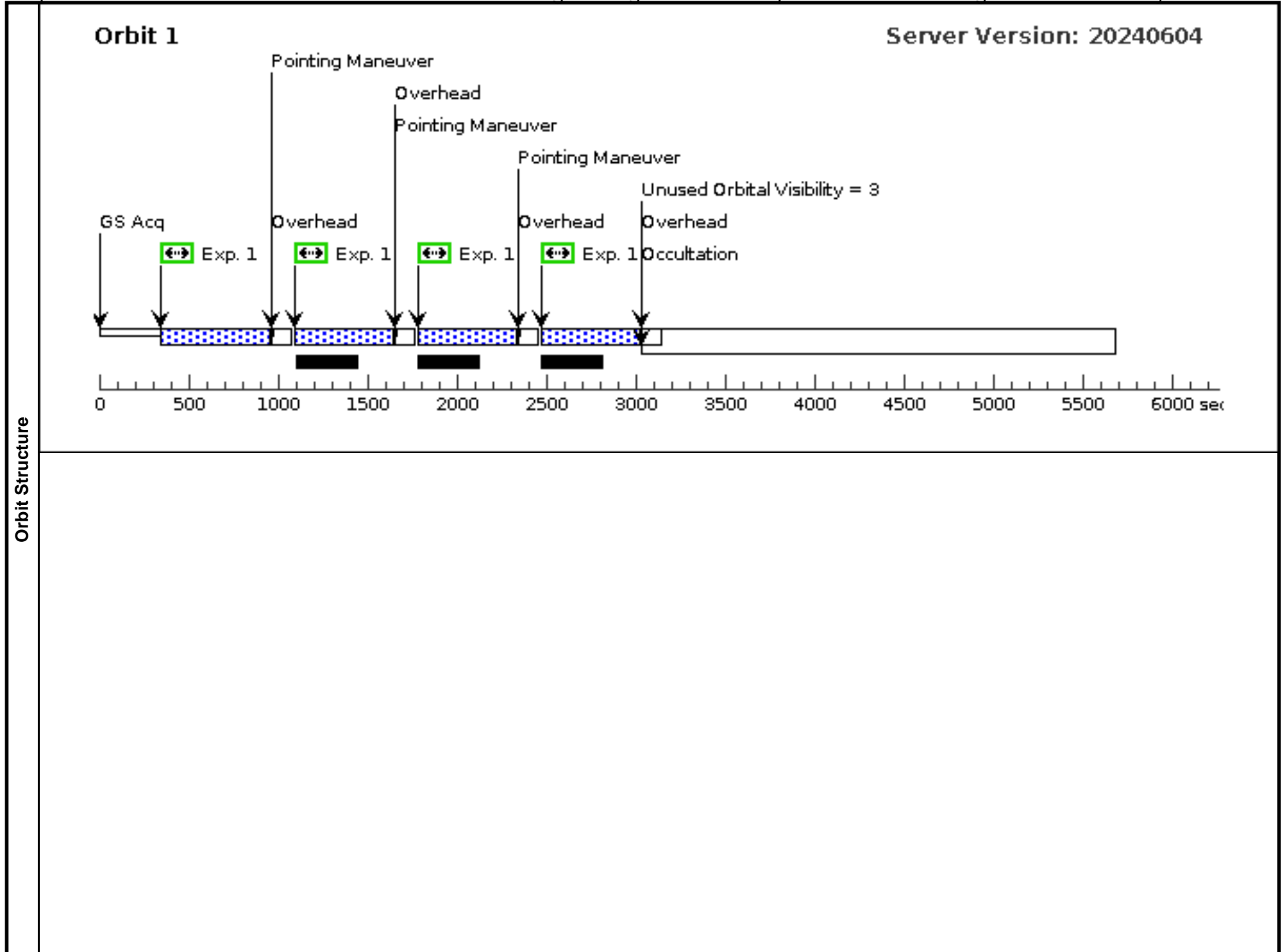




Proposal 17765 - Visit 13 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

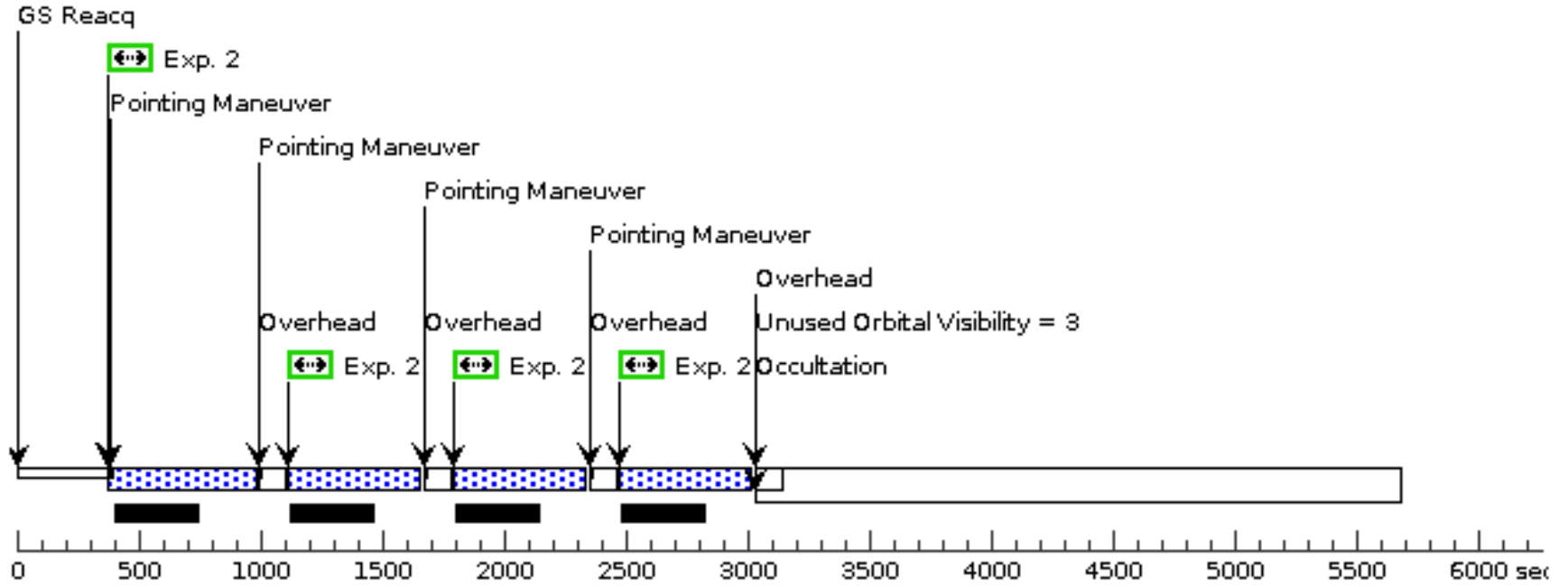
Fri Nov 22 16:02:44 GMT 2024

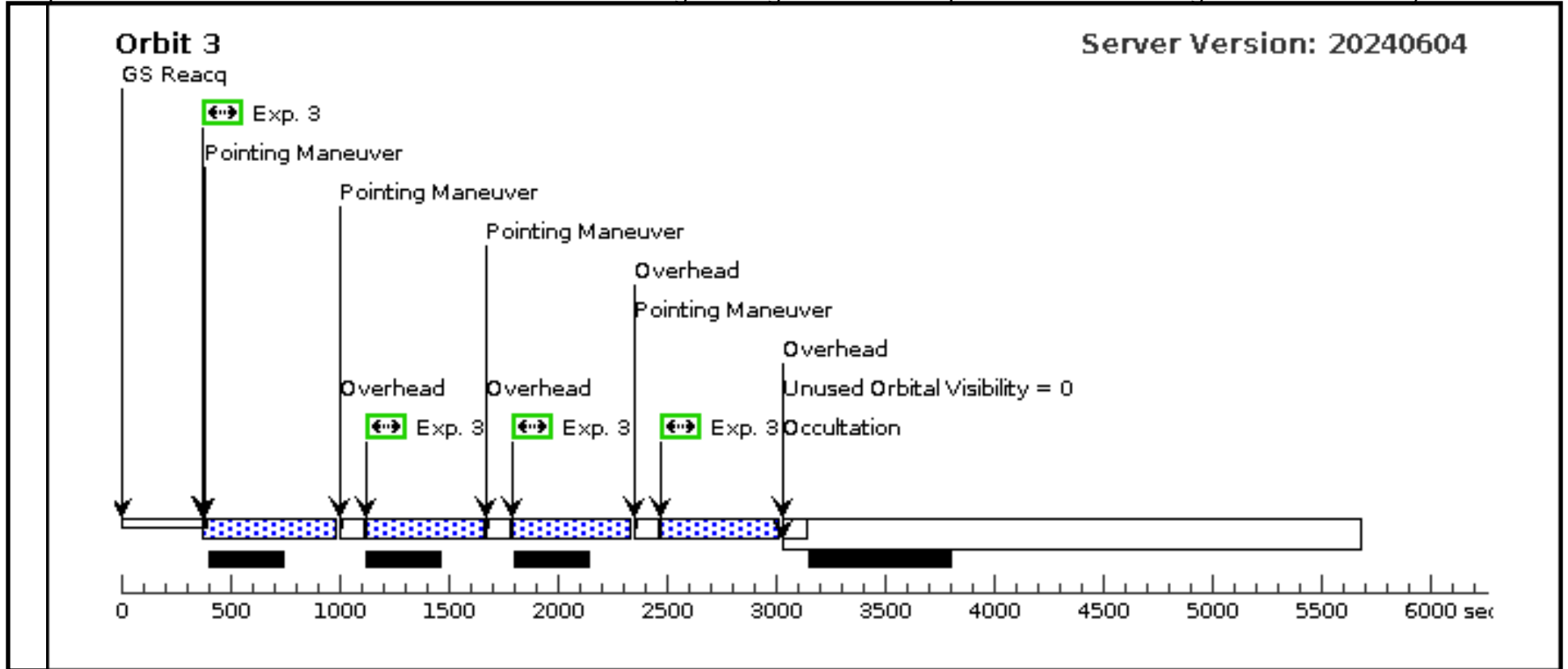
Visit	Proposal 17765, Visit 13, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	AT2021BLZ	RA: 04 32 31.2520 (68.1302167d) Dec: -32 25 50.37 (-32.43066d) Equinox: J2000		V=16	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(13) AT2021BLZ	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 13 (1)	500 Secs (2226 Secs) [==>579.0 Secs (Pattern 1)] [==>549.0 Secs (Pattern 2)] [==>549.0 Secs (Pattern 3)] [==>549.0 Secs (Pattern 4)]	[1]
	2		(13) AT2021BLZ	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 13 (1)	500 Secs (2212 Secs) [==>586.0 Secs (Pattern 1)] [==>542.0 Secs (Pattern 2)] [==>542.0 Secs (Pattern 3)] [==>542.0 Secs (Pattern 4)]	[2]
	3		(13) AT2021BLZ	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 13 (1)	500 Secs (2227 Secs) [==>592.0 Secs (Pattern 1)] [==>545.0 Secs (Pattern 2)] [==>545.0 Secs (Pattern 3)] [==>545.0 Secs (Pattern 4)]	[3]



Orbit 2

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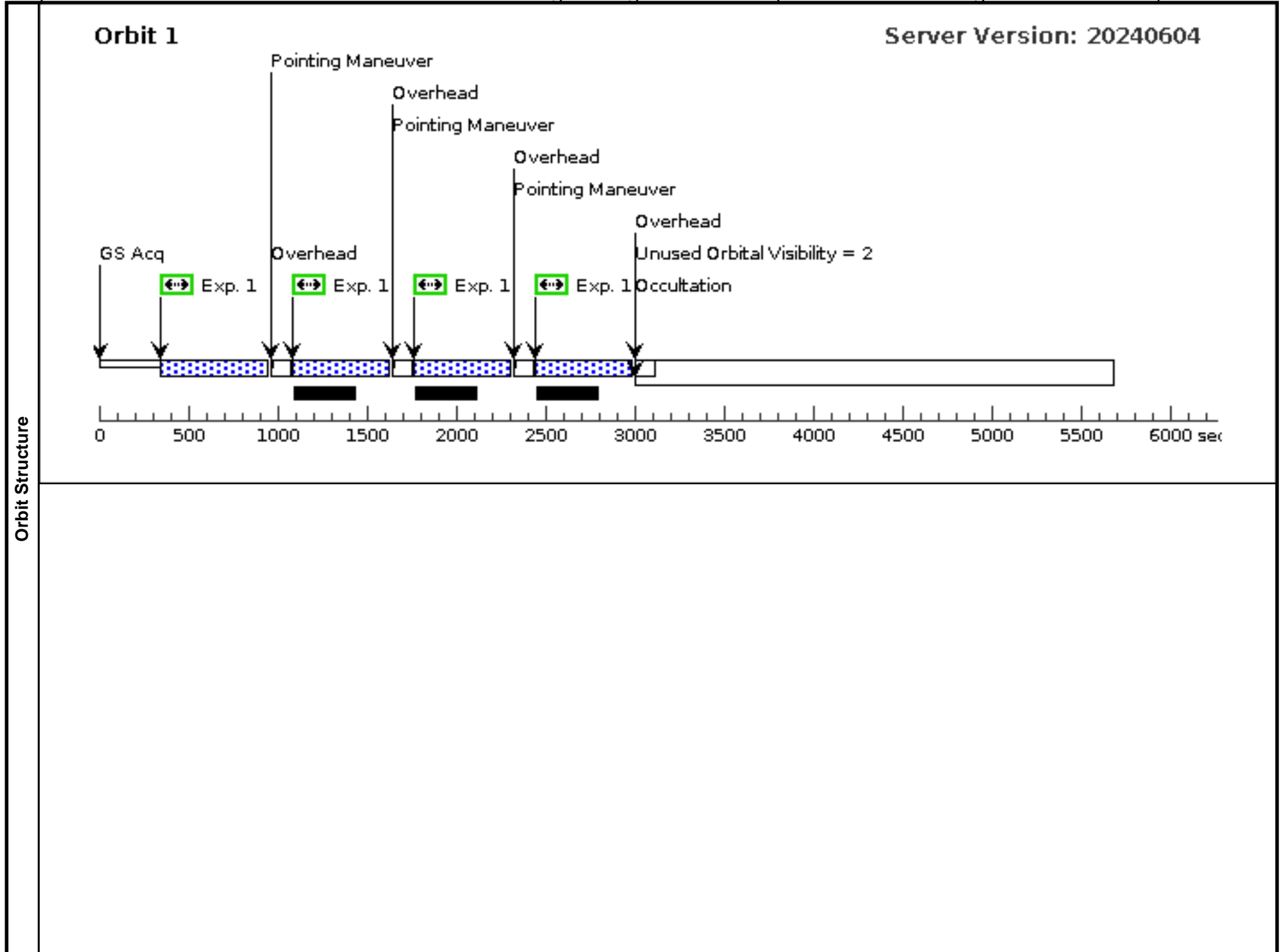




Proposal 17765 - Visit 14 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

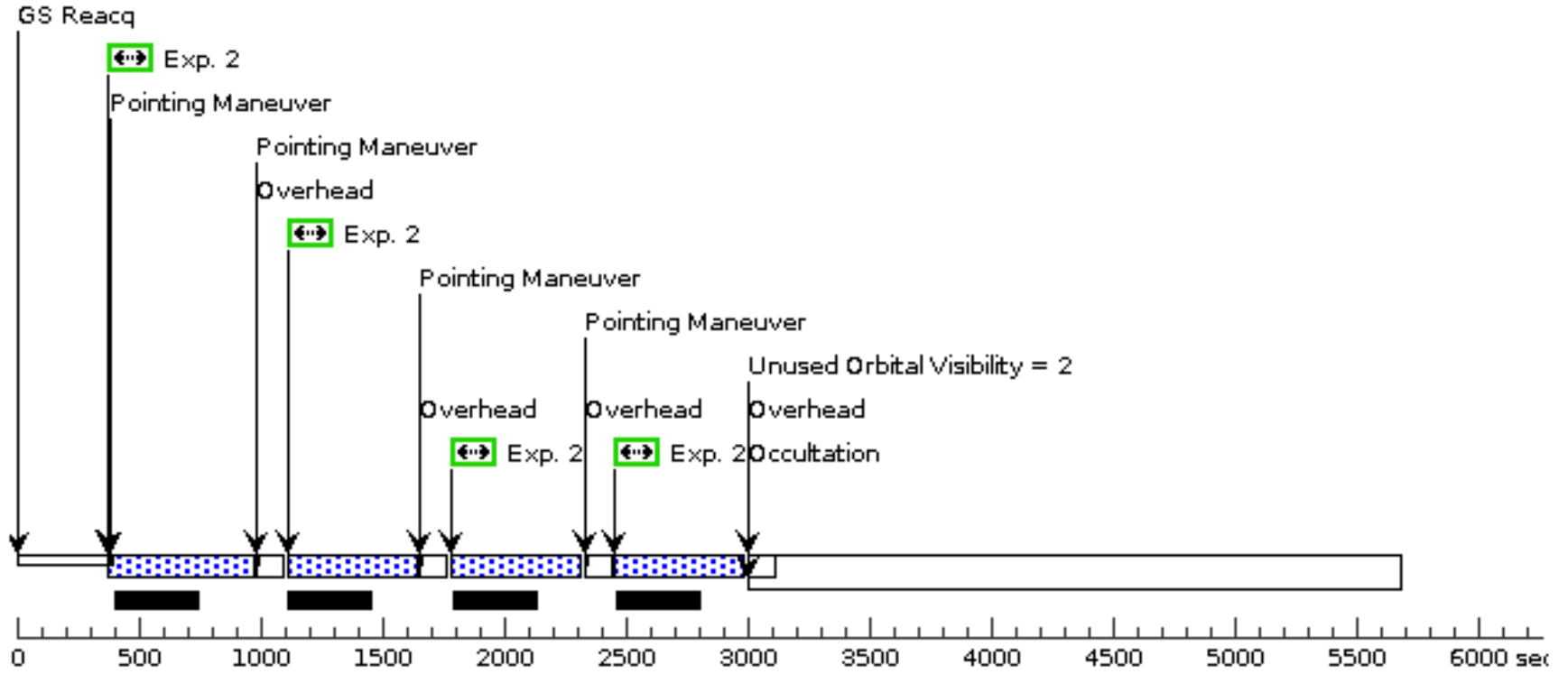
Fri Nov 22 16:02:44 GMT 2024

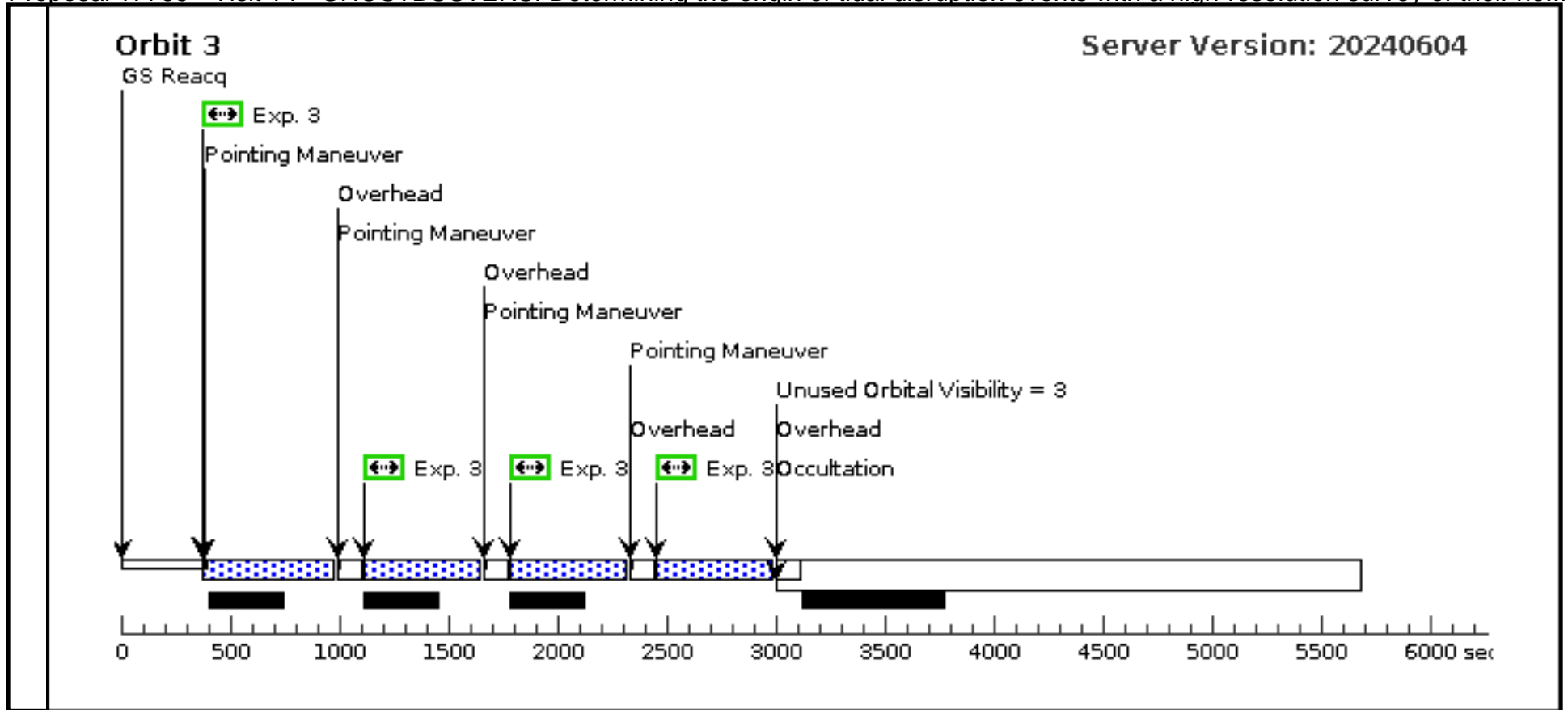
Visit	Proposal 17765, Visit 14, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	AT2018HYZ	RA: 10 06 50.8710 (151.7119625d) Dec: +01 41 34.08 (1.69280d) Equinox: J2000		V=17	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(14) AT2018HYZ	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 14 (1)	500 Secs (2198 Secs)	
									[==>572.0 Secs (Pattern 1)] [==>542.0 Secs (Pattern 2)] [==>542.0 Secs (Pattern 3)] [==>542.0 Secs (Pattern 4)]	[1]
	2		(14) AT2018HYZ	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 14 (1)	500 Secs (2184 Secs)	
								[==>579.0 Secs (Pattern 1)] [==>535.0 Secs (Pattern 2)] [==>535.0 Secs (Pattern 3)] [==>535.0 Secs (Pattern 4)]	[2]	
3		(14) AT2018HYZ	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5			Pattern 1, Exps 3-3 in Visit 14 (1)	500 Secs (2195 Secs)	
								[==>584.0 Secs (Pattern 1)] [==>537.0 Secs (Pattern 2)] [==>537.0 Secs (Pattern 3)] [==>537.0 Secs (Pattern 4)]	[3]	



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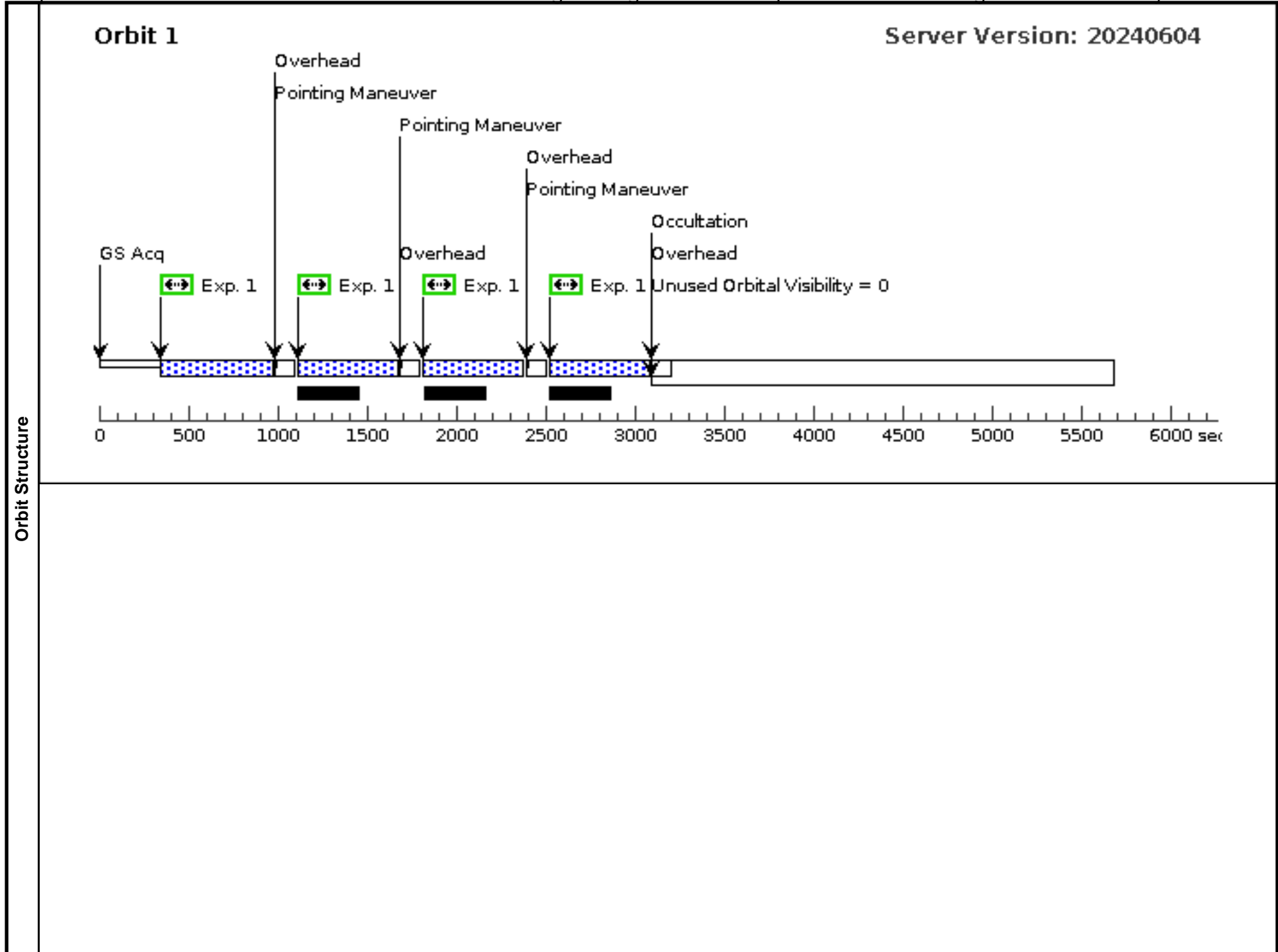




Proposal 17765 - Visit 15 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

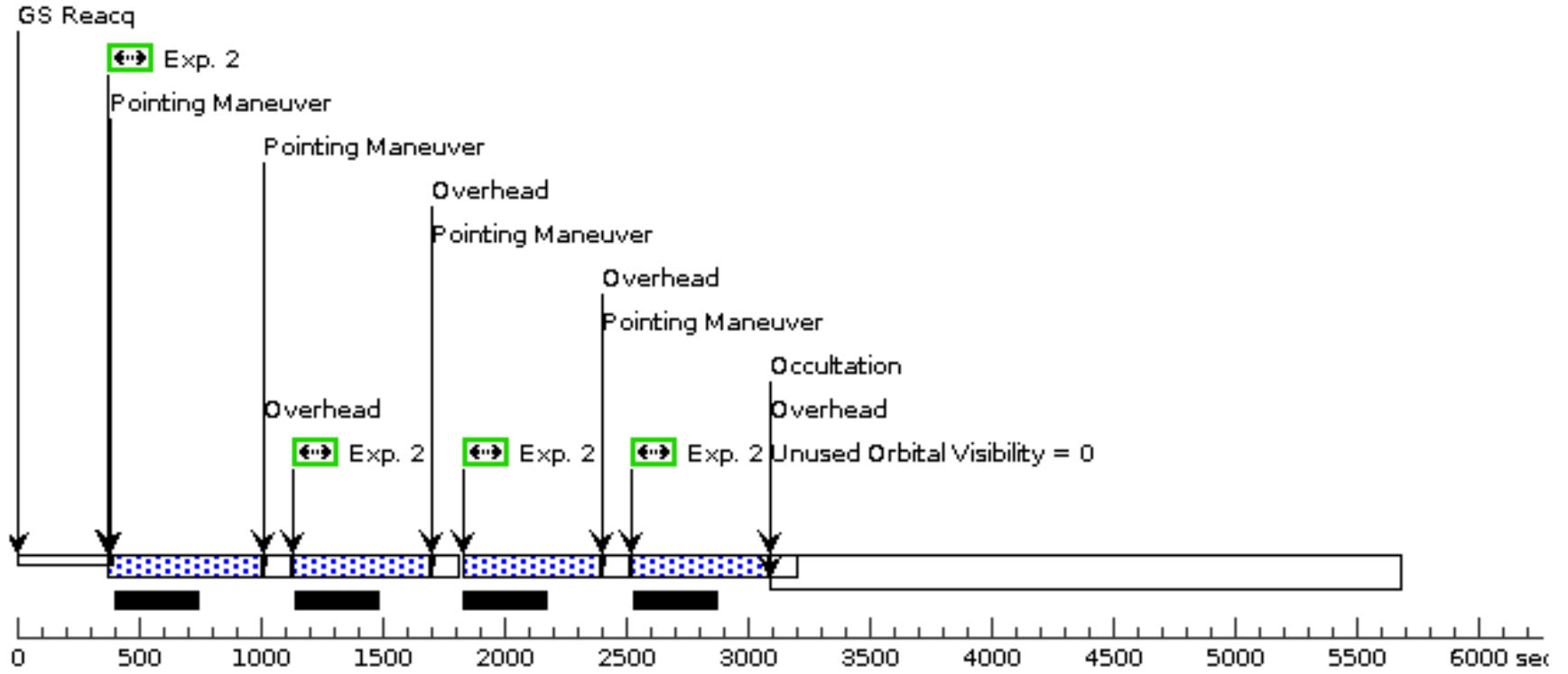
Fri Nov 22 16:02:45 GMT 2024

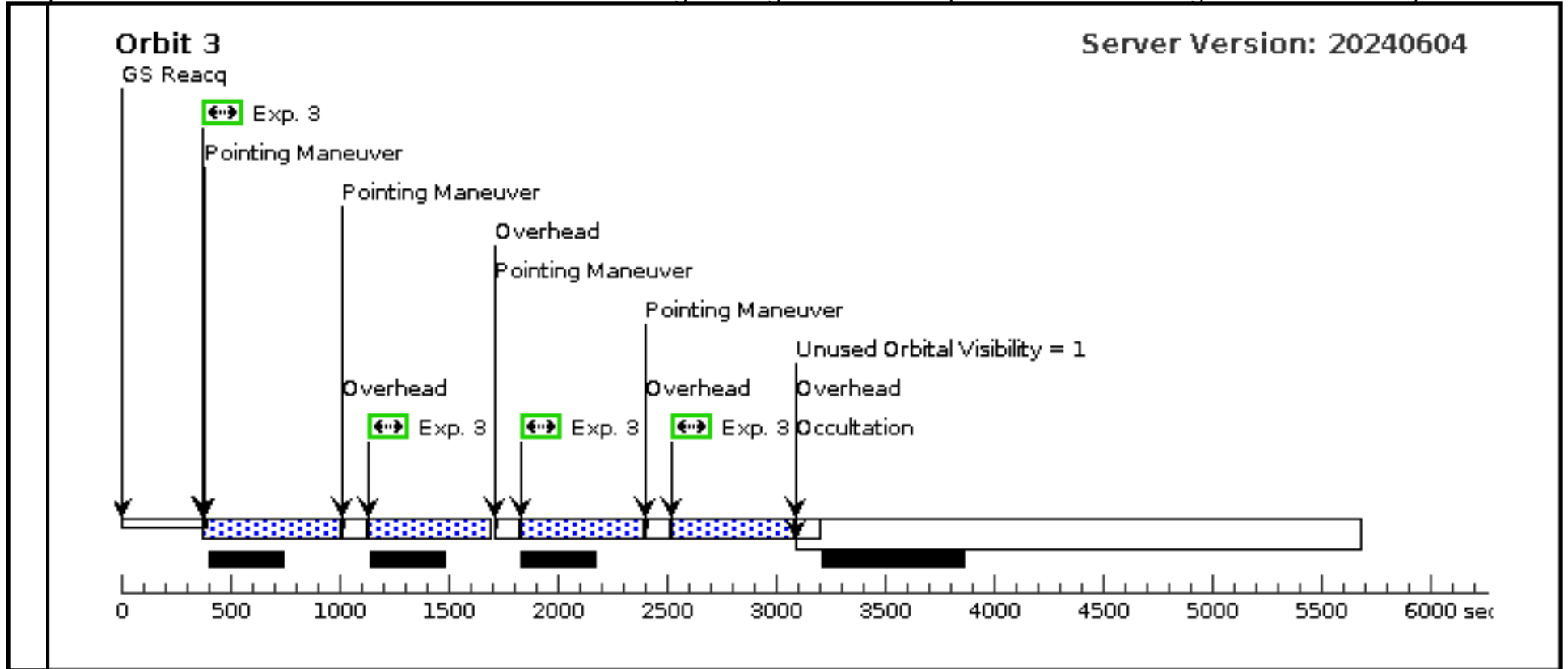
Visit	Proposal 17765, Visit 15, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	AT2021NWA	RA: 15 53 51.2790 (238.4636625d) Dec: +55 35 19.67 (55.58880d) Equinox: J2000		V=17	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(15) AT2021NWA	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 15 (1)	500 Secs (2294 Secs)	
									[==>596.0 Secs (Pattern 1)] [==>566.0 Secs (Pattern 2)] [==>566.0 Secs (Pattern 3)] [==>566.0 Secs (Pattern 4)]	[1]
	2		(15) AT2021NWA	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 15 (1)	500 Secs (2280 Secs)	
								[==>603.0 Secs (Pattern 1)] [==>559.0 Secs (Pattern 2)] [==>559.0 Secs (Pattern 3)] [==>559.0 Secs (Pattern 4)]	[2]	
3		(15) AT2021NWA	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 15 (1)	500 Secs (2291 Secs)		
								[==>608.0 Secs (Pattern 1)] [==>561.0 Secs (Pattern 2)] [==>561.0 Secs (Pattern 3)] [==>561.0 Secs (Pattern 4)]	[3]	



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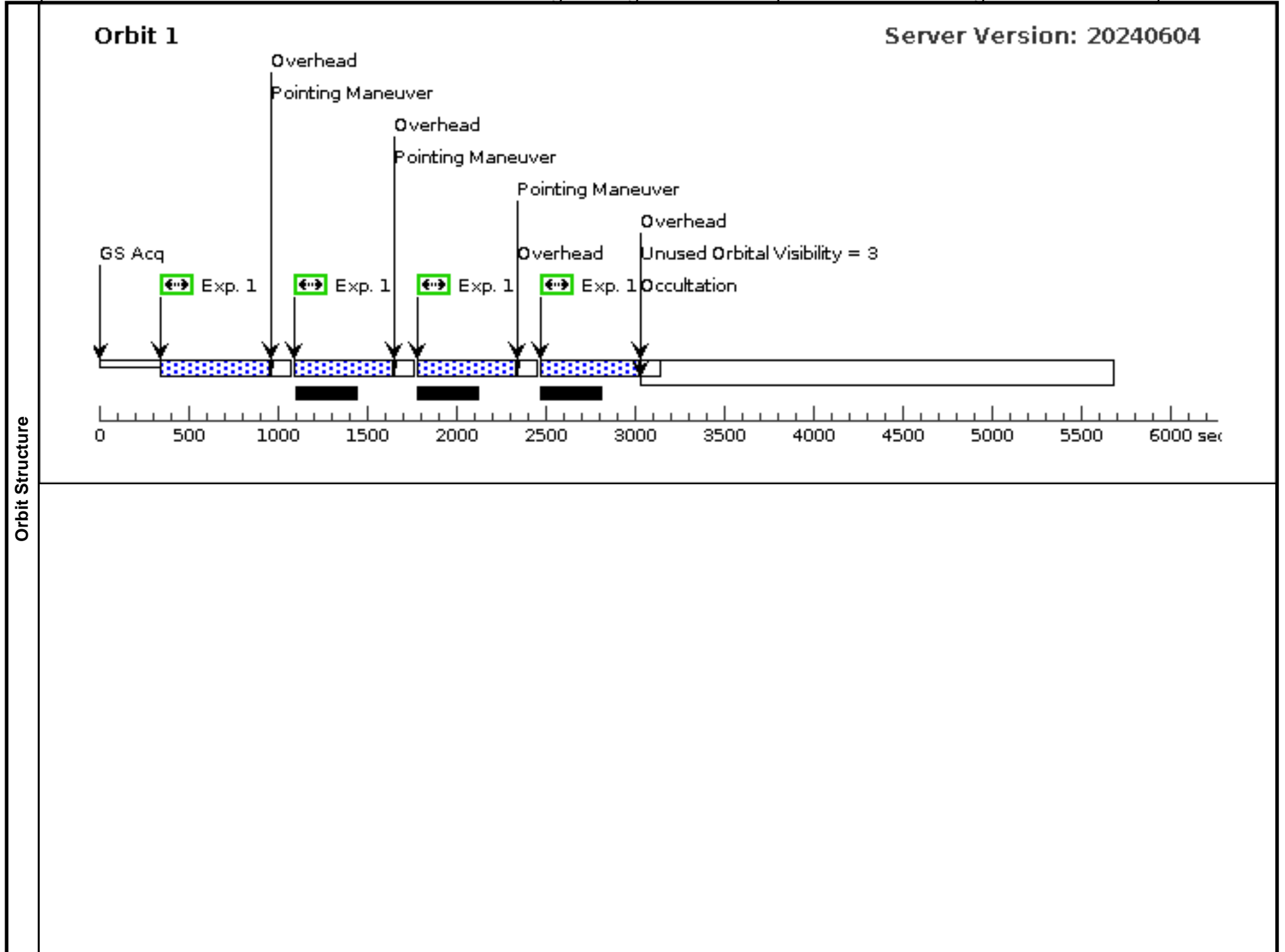




Proposal 17765 - Visit 16 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

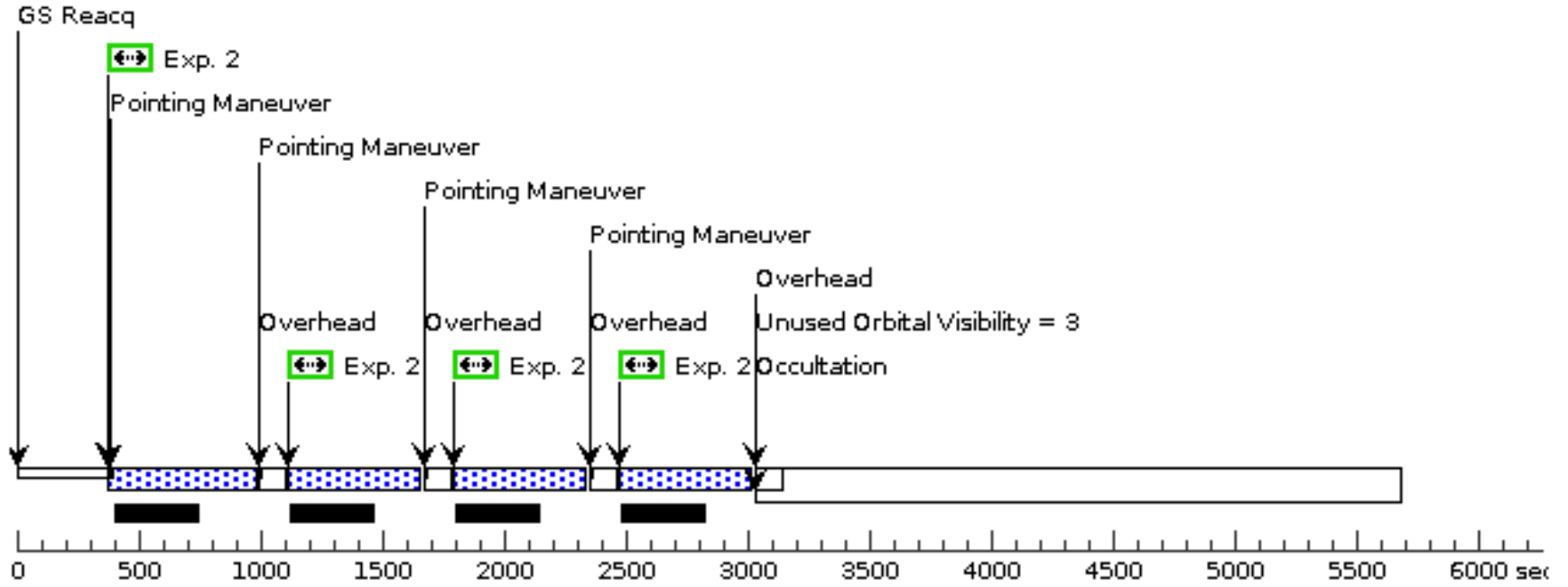
Fri Nov 22 16:02:45 GMT 2024

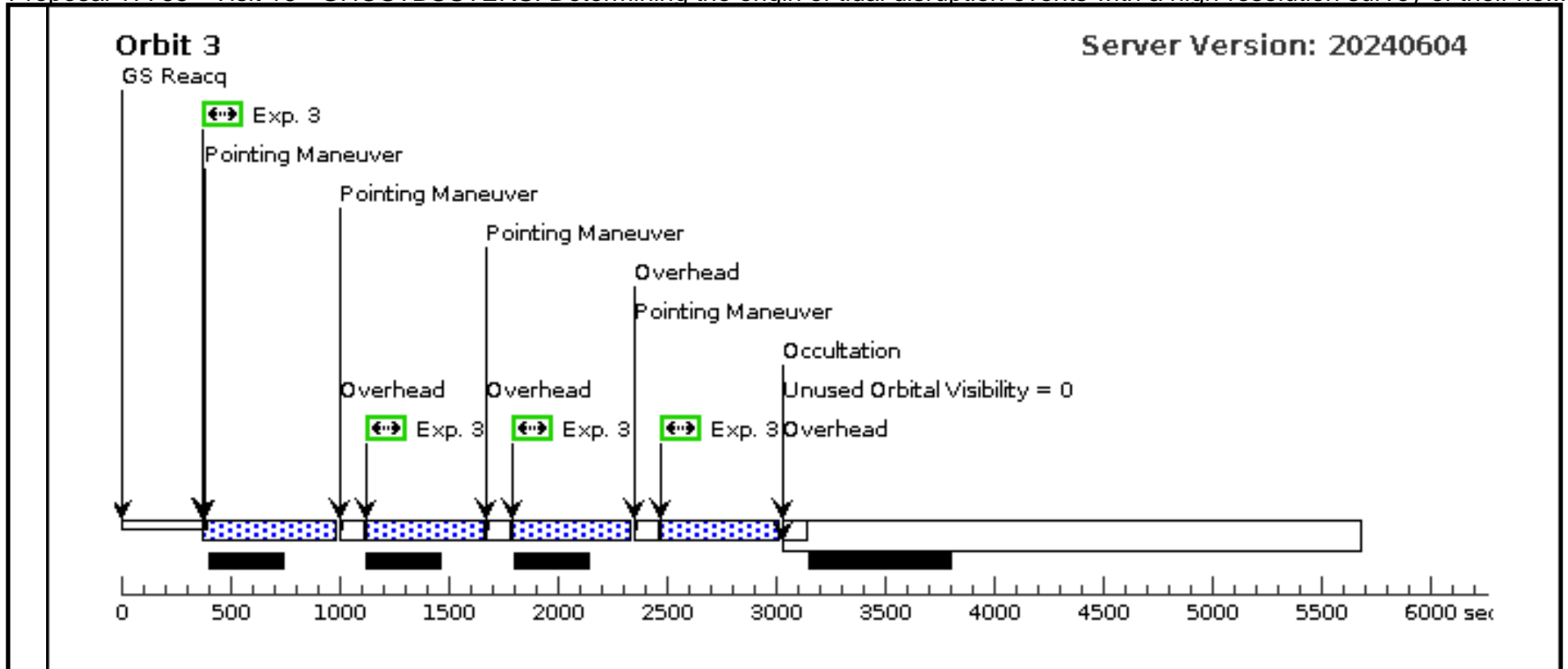
Visit	Proposal 17765, Visit 16, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112				Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false				(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(16)	ASASSN-15OI	RA: 20 39 9.0960 (309.7879000d) Dec: -30 45 20.71 (-30.75575d) Equinox: J2000				V=16		Reference Frame: ICRS		
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(16) ASASSN-15OI	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 16 (1)	500 Secs (2226 Secs) [==>579.0 Secs (Pattern 1)] [==>549.0 Secs (Pattern 2)] [==>549.0 Secs (Pattern 3)] [==>549.0 Secs (Pattern 4)]	[1]	
	2		(16) ASASSN-15OI	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 16 (1)	500 Secs (2212 Secs) [==>586.0 Secs (Pattern 1)] [==>542.0 Secs (Pattern 2)] [==>542.0 Secs (Pattern 3)] [==>542.0 Secs (Pattern 4)]	[2]	
	3		(16) ASASSN-15OI	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 16 (1)	500 Secs (2227 Secs) [==>592.0 Secs (Pattern 1)] [==>545.0 Secs (Pattern 2)] [==>545.0 Secs (Pattern 3)] [==>545.0 Secs (Pattern 4)]	[3]	



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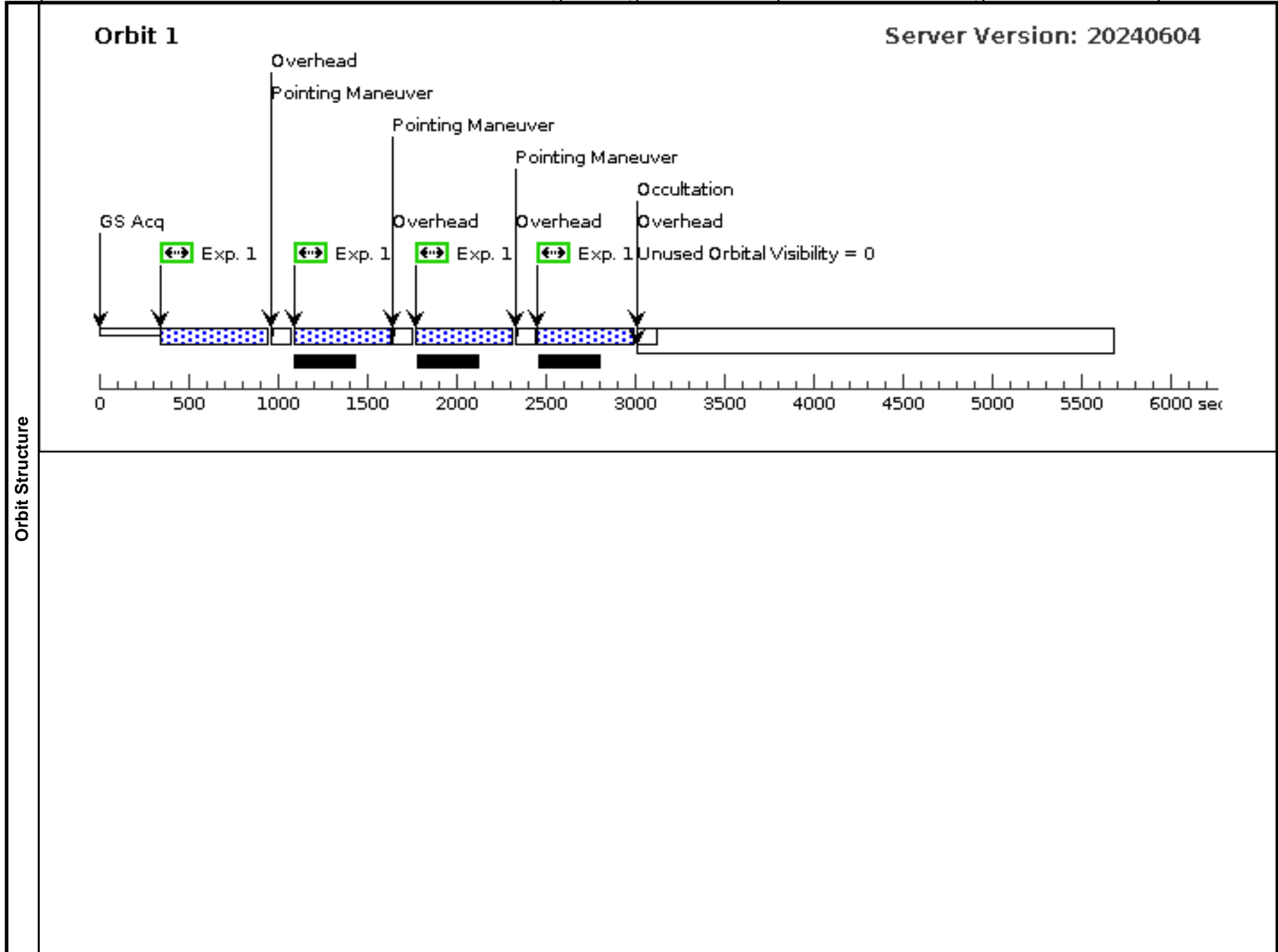




Proposal 17765 - Visit 17 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

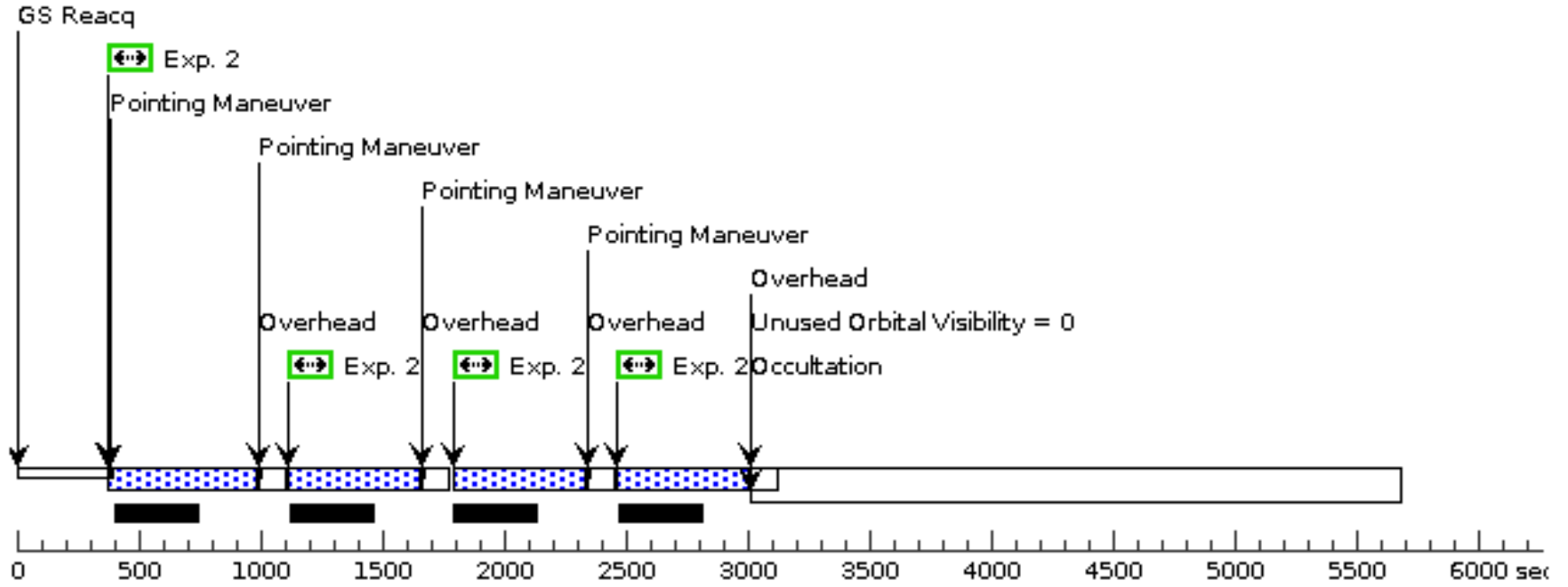
Fri Nov 22 16:02:45 GMT 2024

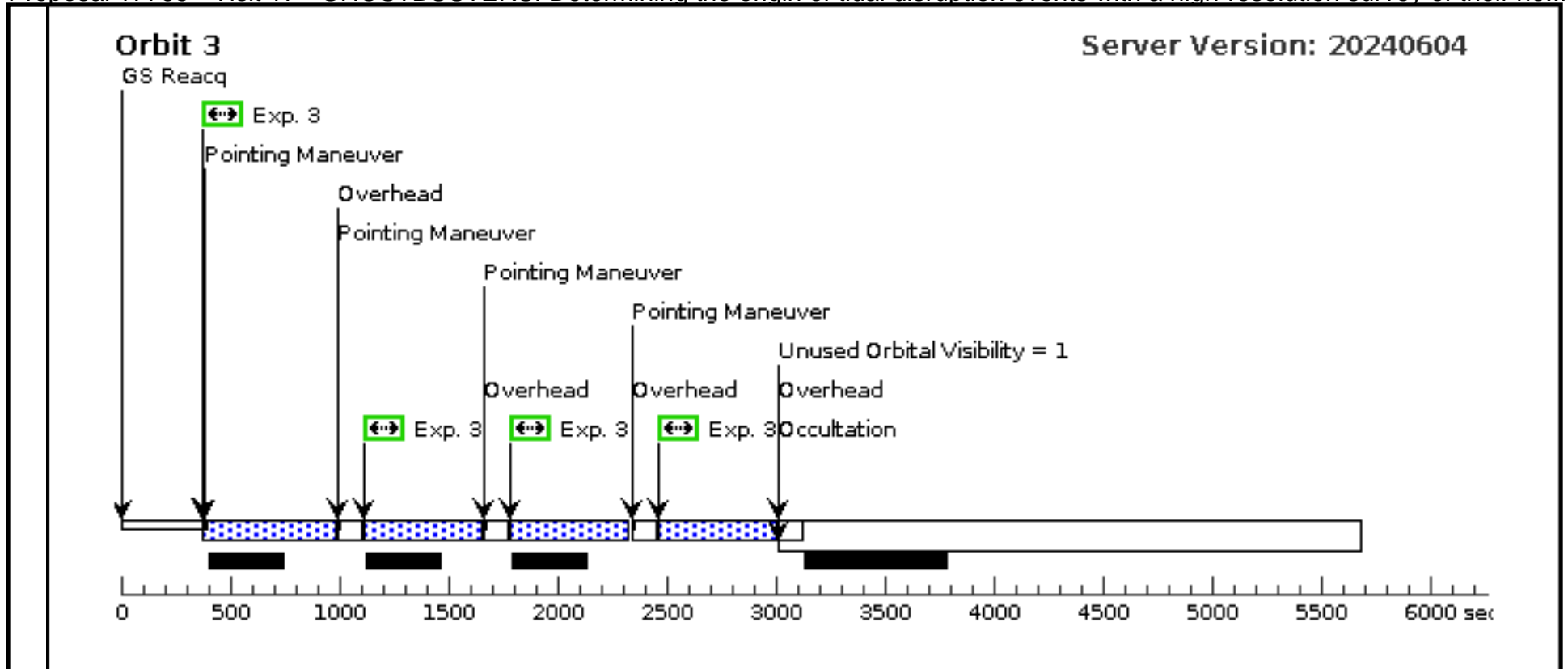
Visit	Proposal 17765, Visit 17, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	AT2022WTN	RA: 23 23 23.7780 (350.8490750d) Dec: +10 41 7.99 (10.68555d) Equinox: J2000		V=17	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(17) AT2022WTN	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 17 (1)	500 Secs (2210 Secs)	
									[==>575.0 Secs (Pattern 1)] [==>545.0 Secs (Pattern 2)] [==>545.0 Secs (Pattern 3)] [==>545.0 Secs (Pattern 4)]	[1]
	2		(17) AT2022WTN	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 17 (1)	500 Secs (2196 Secs)	
								[==>582.0 Secs (Pattern 1)] [==>538.0 Secs (Pattern 2)] [==>538.0 Secs (Pattern 3)] [==>538.0 Secs (Pattern 4)]	[2]	
3		(17) AT2022WTN	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 17 (1)	500 Secs (2207 Secs)		
								[==>587.0 Secs (Pattern 1)] [==>540.0 Secs (Pattern 2)] [==>540.0 Secs (Pattern 3)] [==>540.0 Secs (Pattern 4)]	[3]	



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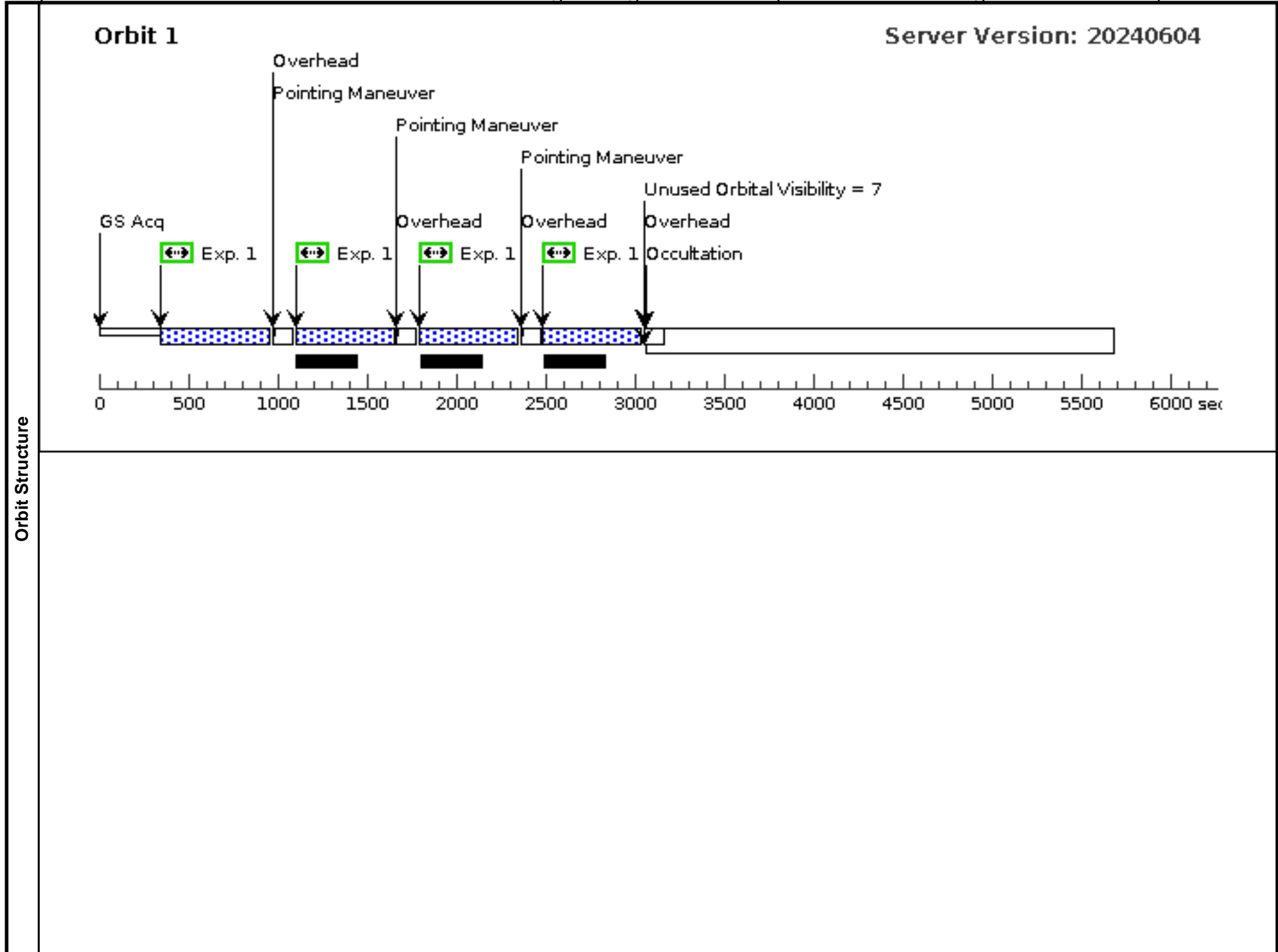




Proposal 17765 - Visit 18 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

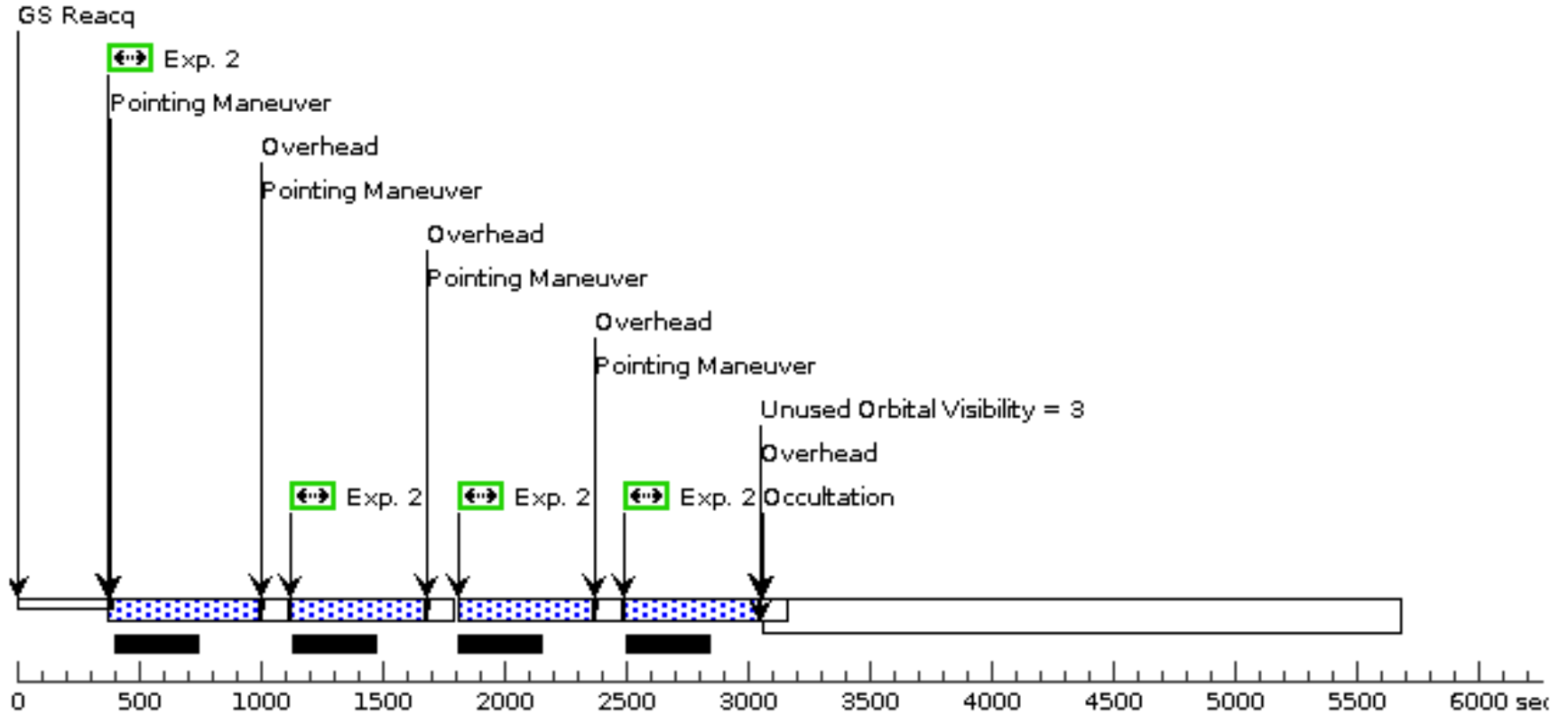
Fri Nov 22 16:02:45 GMT 2024

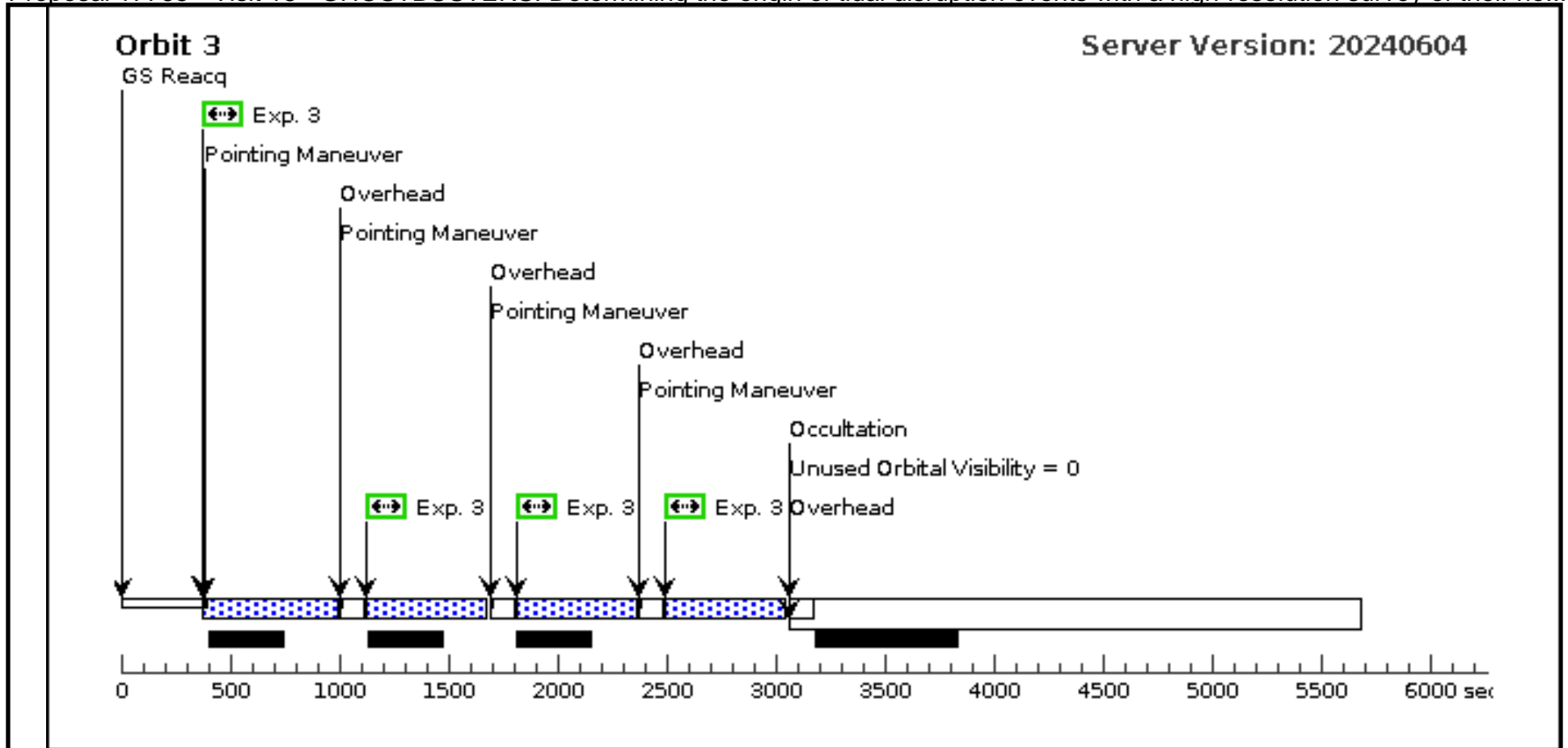
Visit	Proposal 17765, Visit 18, failed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(18)	AT2018BSI	RA: 08 15 26.6210 (123.8609208d) Dec: +45 35 31.95 (45.59221d) Equinox: J2000			V=15	Reference Frame: ICRS			
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) AT2018BSI	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 18 (1)	500 Secs (2250 Secs) [==>585.0 Secs (Pattern 1)] [==>555.0 Secs (Pattern 2)] [==>555.0 Secs (Pattern 3)] [==>555.0 Secs (Pattern 4)]	[1]
	2		(18) AT2018BSI	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 18 (1)	500 Secs (2240 Secs) [==>593.0 Secs (Pattern 1)] [==>549.0 Secs (Pattern 2)] [==>549.0 Secs (Pattern 3)] [==>549.0 Secs (Pattern 4)]	[2]
	3		(18) AT2018BSI	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 18 (1)	500 Secs (2255 Secs) [==>599.0 Secs (Pattern 1)] [==>552.0 Secs (Pattern 2)] [==>552.0 Secs (Pattern 3)] [==>552.0 Secs (Pattern 4)]	[3]



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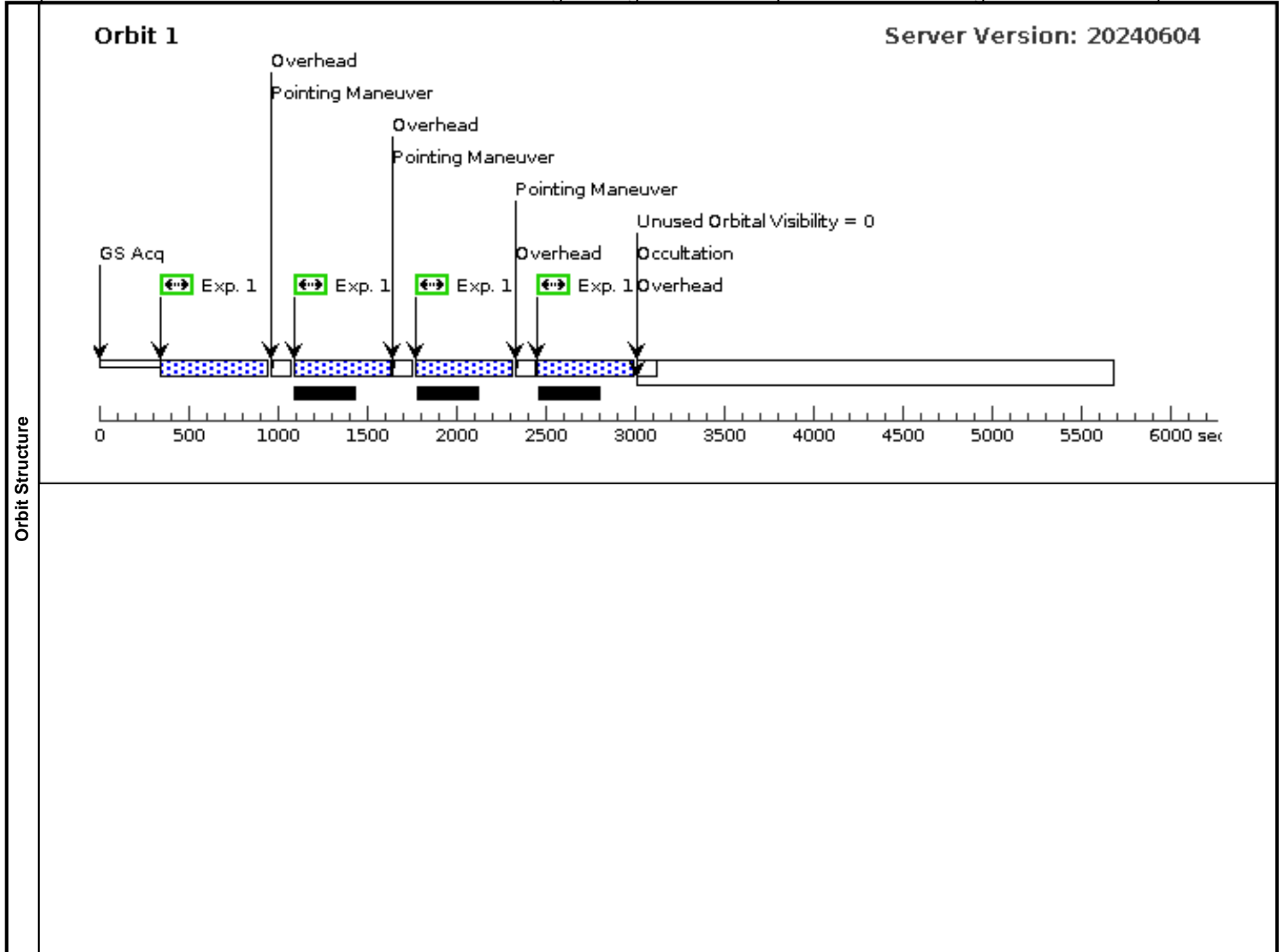




Proposal 17765 - Visit 19 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

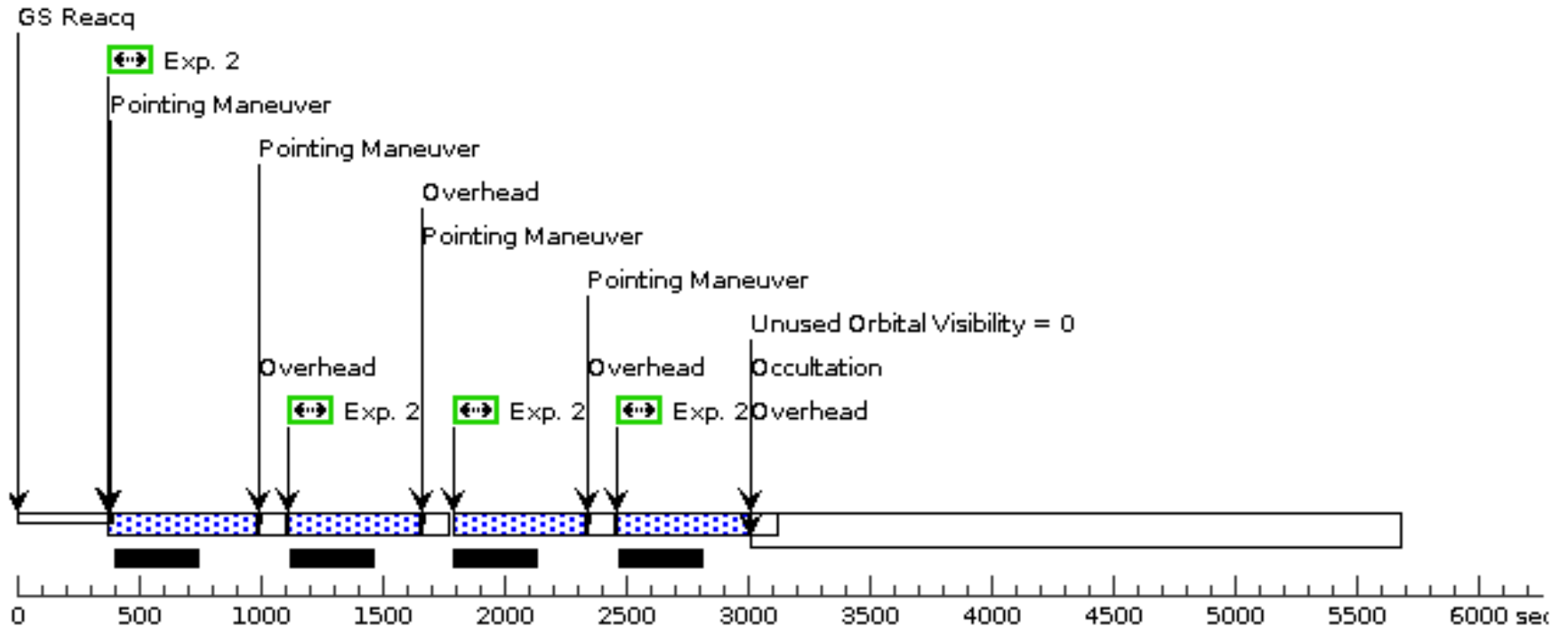
Fri Nov 22 16:02:45 GMT 2024

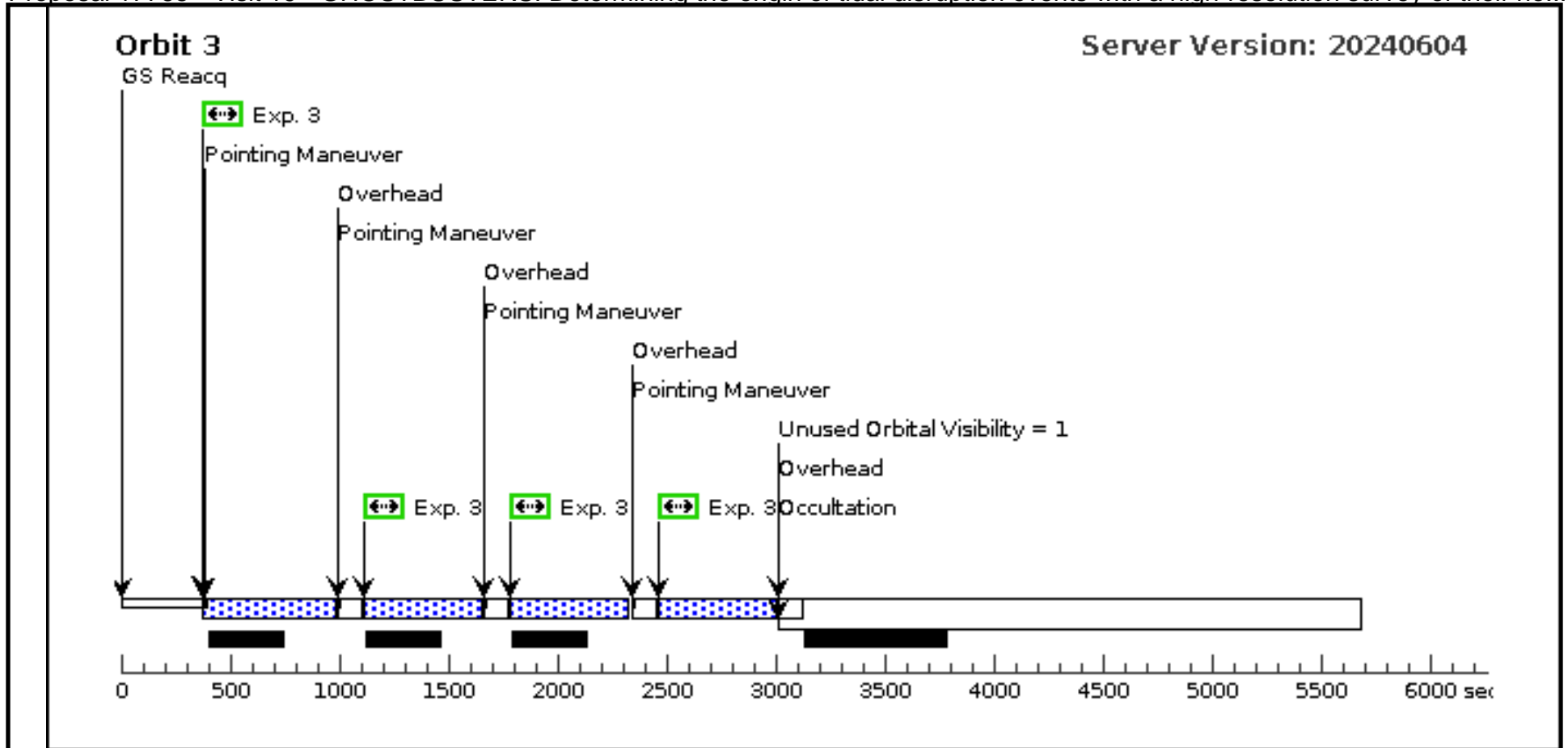
Visit	Proposal 17765, Visit 19, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(19)	AT2019DSG	RA: 20 57 2.9740 (314.2623917d) Dec: +14 12 15.86 (14.20441d) Equinox: J2000		V=15	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(19) AT2019DSG	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 19 (1)	500 Secs (2210 Secs) [==>575.0 Secs (Pattern 1)] [==>545.0 Secs (Pattern 2)] [==>545.0 Secs (Pattern 3)] [==>545.0 Secs (Pattern 4)]	[1]
	2		(19) AT2019DSG	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 19 (1)	500 Secs (2196 Secs) [==>582.0 Secs (Pattern 1)] [==>538.0 Secs (Pattern 2)] [==>538.0 Secs (Pattern 3)] [==>538.0 Secs (Pattern 4)]	[2]
	3		(19) AT2019DSG	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=5		Pattern 1, Exps 3-3 in Visit 19 (1)	500 Secs (2207 Secs) [==>587.0 Secs (Pattern 1)] [==>540.0 Secs (Pattern 2)] [==>540.0 Secs (Pattern 3)] [==>540.0 Secs (Pattern 4)]	[3]



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Proposal 17765 - Visit 20 - GHOSTBUSTERS: Determining the origin of tidal disruption events with a high-resolution survey of their ho...

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Visit	Proposal 17765, Visit 20 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(18)	AT2018BSI	RA: 08 15 26.6210 (123.8609208d) Dec: +45 35 31.95 (45.59221d) Equinox: J2000			V=15	Reference Frame: ICRS			
	<i>Comments:</i> Category=GALAXY Description=[ACCRETION DISK, NUCLEUS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) AT2018BSI	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=20		Pattern 1, Exps 1-1 in Visit 20 (1)	500 Secs (2250 Secs) [==>585.0 Secs (Pattern 1)] [==>555.0 Secs (Pattern 2)] [==>555.0 Secs (Pattern 3)] [==>555.0 Secs (Pattern 4)]	[1]
	2		(18) AT2018BSI	WFC3/UVIS, ACCUM, UVIS2	F438W	FLASH=15		Pattern 1, Exps 2-2 in Visit 20 (1)	500 Secs (2240 Secs) [==>593.0 Secs (Pattern 1)] [==>549.0 Secs (Pattern 2)] [==>549.0 Secs (Pattern 3)] [==>549.0 Secs (Pattern 4)]	[2]

