



18392 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

Cycle: 34, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
Xinze Guo (PI) (Contact)	Harvard University
Prof. Edo Berger (CoI) (AdminUSPI)	Harvard University
Dr. Peter Blanchard (CoI)	Harvard University
Dr. Matt Nicholl (CoI) (ESA Member)	Queen's University Belfast
Dr. Harsh Kumar (CoI)	Center for Astrophysics Harvard & Smithsonian
Yuyang Chen (CoI)	Center for Astrophysics Harvard & Smithsonian

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) 2020AFHD	WFC3/UVIS	2	17-Aug-2026 12:01:18.0	yes
02	(2) 2022GRI	WFC3/UVIS	2	17-Aug-2026 12:01:19.0	yes
03	(3) 2022DBL	WFC3/UVIS	2	17-Aug-2026 12:01:19.0	yes
04	(4) 2023LLI	WFC3/UVIS	2	17-Aug-2026 12:01:20.0	yes
05	(5) 2024DOO	WFC3/UVIS	2	17-Aug-2026 12:01:21.0	yes
06	(6) 2020VDQ	WFC3/UVIS	2	17-Aug-2026 12:01:22.0	yes
07	(7) 2024PVU	WFC3/UVIS	2	17-Aug-2026 12:01:22.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
08	(8) 2023MHS	WFC3/UVIS	2	17-Aug-2026 12:01:23.0	yes
09	(9) 2024GXR	WFC3/UVIS	2	17-Aug-2026 12:01:24.0	yes
10	(10) 2021YTE	WFC3/UVIS	2	17-Aug-2026 12:01:25.0	yes
11	(11) 2022UPJ	WFC3/UVIS	2	17-Aug-2026 12:01:26.0	yes
12	(12) 2020ZSO	WFC3/UVIS	2	17-Aug-2026 12:01:26.0	yes
13	(13) 2024BGZ	WFC3/UVIS	2	17-Aug-2026 12:01:27.0	yes
14	(14) 2021SDU	WFC3/UVIS	2	17-Aug-2026 12:01:28.0	yes
15	(15) 2023WDB	WFC3/UVIS	2	17-Aug-2026 12:01:28.0	yes
16	(16) 2022ADM	WFC3/UVIS	2	17-Aug-2026 12:01:29.0	yes
17	(17) 2024YQO	WFC3/UVIS	2	17-Aug-2026 12:01:30.0	yes
18	(18) 2022ARB	WFC3/UVIS	2	17-Aug-2026 12:01:31.0	yes
19	(19) 2020NEH	WFC3/UVIS	2	17-Aug-2026 12:01:32.0	yes
20	(20) 2024WSD	WFC3/UVIS	2	17-Aug-2026 12:01:32.0	yes
21	(21) 2020UKJ	WFC3/UVIS	2	17-Aug-2026 12:01:33.0	yes
22	(22) 2020PJ	WFC3/UVIS	2	17-Aug-2026 12:01:34.0	yes
23	(23) 2020MOT	WFC3/UVIS	2	17-Aug-2026 12:01:34.0	yes
24	(24) 2020OCN	WFC3/UVIS	2	17-Aug-2026 12:01:35.0	yes
25	(25) 2023CVB	WFC3/UVIS	2	17-Aug-2026 12:01:36.0	yes
26	(26) 2022DYT	WFC3/UVIS	2	17-Aug-2026 12:01:36.0	yes
27	(27) 2022FPX	WFC3/UVIS	2	17-Aug-2026 12:01:37.0	yes
28	(28) 2021MHG	WFC3/UVIS	2	17-Aug-2026 12:01:38.0	yes

56 Total Orbits Used

ABSTRACT

Supermassive black holes (SMBHs) are fundamental components of galaxies, closely linked to their evolution through established scaling relations and feedback processes. Despite their significance, we know very little about their properties because most SMBHs in the nearby universe are

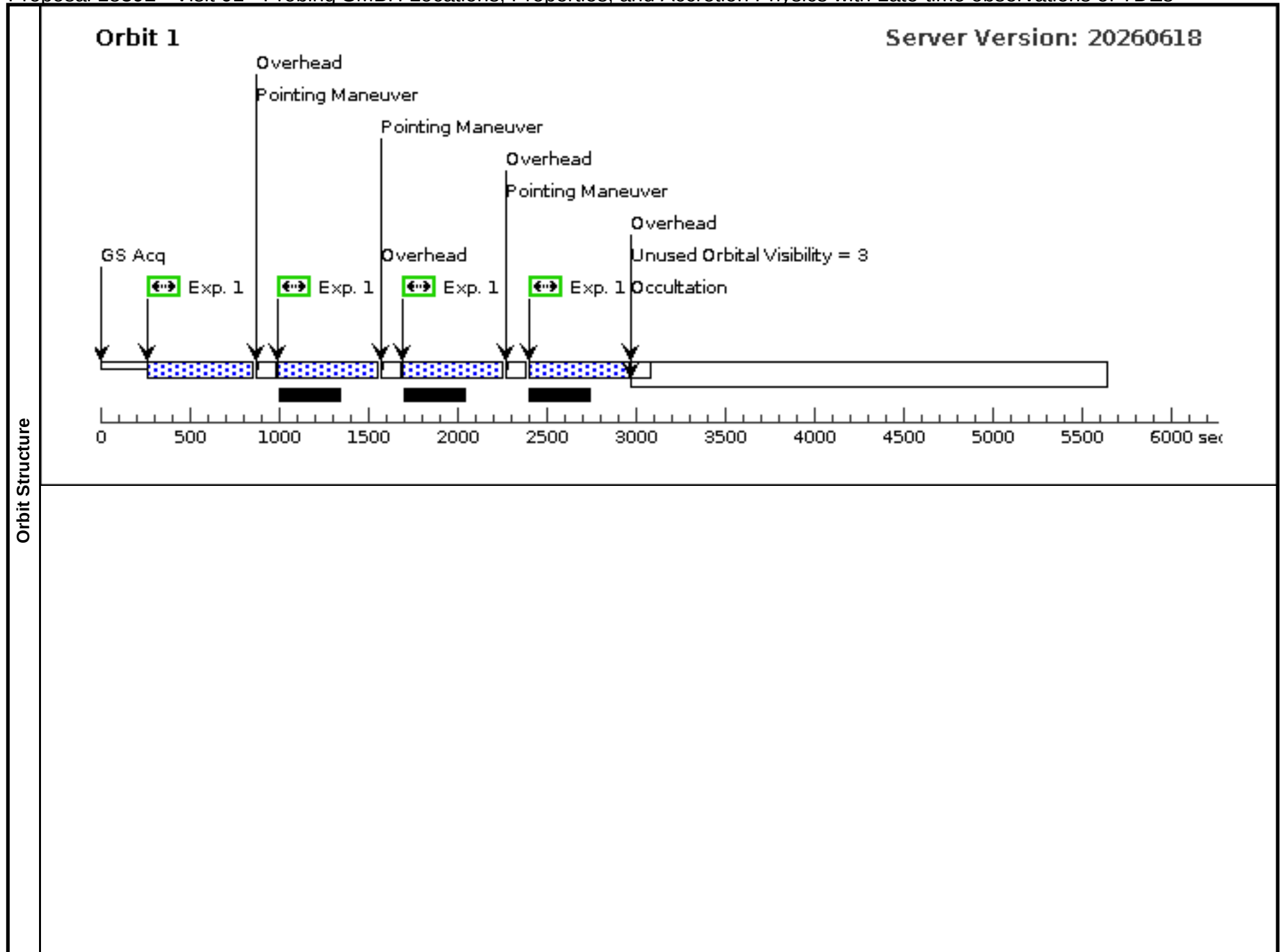
inactive and difficult to detect. Although they are widely assumed to reside at galaxy centers, their alignment with host galaxies has not been tested at parsec scales. Processes such as mergers and gravitational recoil can displace SMBHs for Gyr, affecting gas accretion and feedback. Measuring SMBH offsets therefore opens a direct probe of galaxy dynamical evolution. Tidal disruption events (TDEs), in which stars are ripped apart and accreted by SMBHs, temporarily illuminate these otherwise dormant systems and provide a unique probe of SMBH properties. At late times, TDEs exhibit persistent UV emission that traces the SMBH position, enabling precise localization. With high-resolution HST imaging, we can measure the offset of the TDE/SMBH (traced by UV) from the center of the stellar light (traced by optical). We propose HST UV and optical imaging of 28 TDEs at ~ 1000 -2000 days post-peak, increasing the existing sample with such data by a factor of ~ 2.5 . This statistically significant sample will enable the first robust test of SMBH-host alignment at parsec scales, providing new constraints on galaxy dynamical evolution and the origin of TDE host preferences. In addition, this program will provide unprecedented constraints on the evolution of late-time UV emission in TDEs, probing the physics of accretion discs and enabling independent SMBH mass measurements.

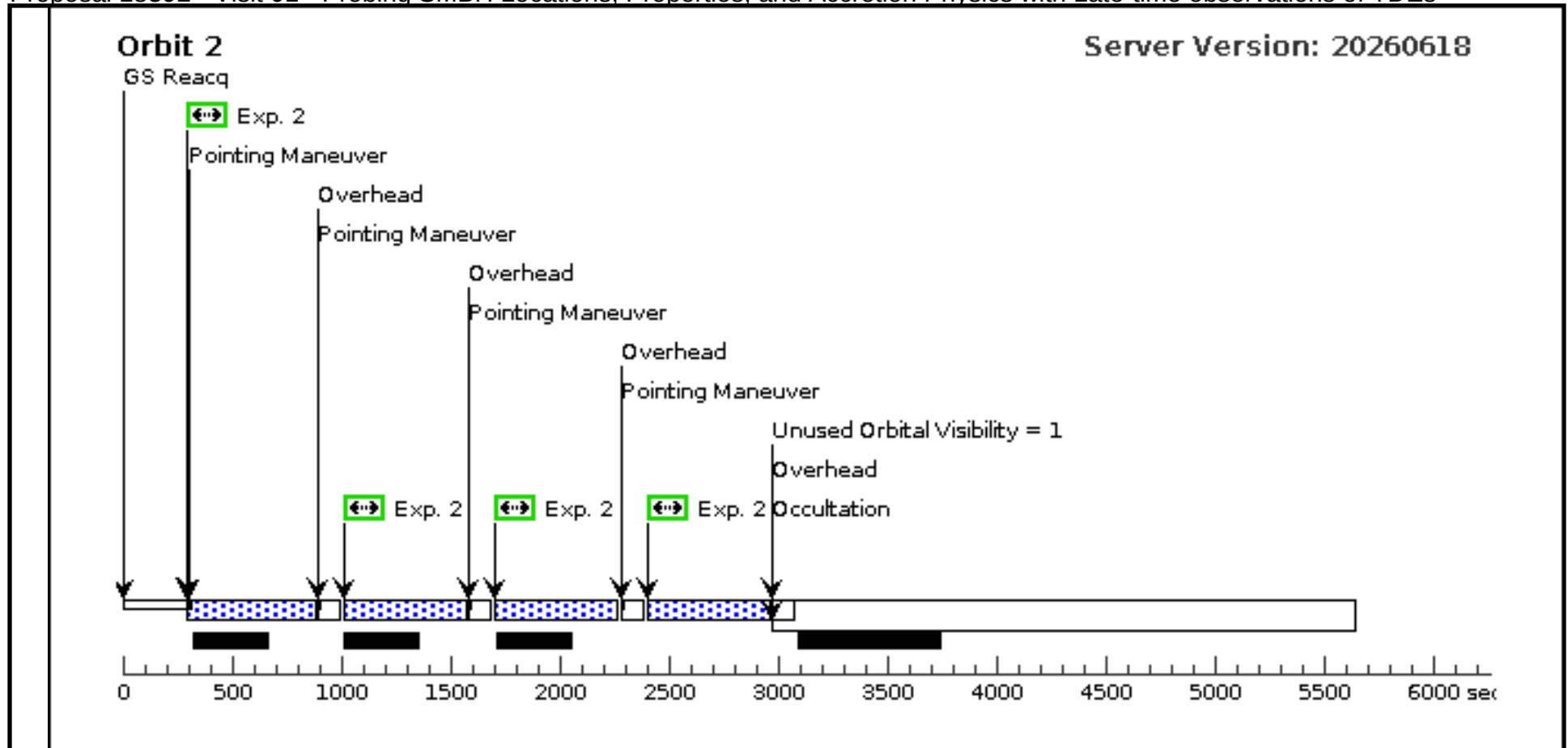
OBSERVING DESCRIPTION

We plan to observe 28 targets using a total of 56 HST orbits with WFC3/UVIS in two filters, F225W and F625W. For each target, one orbit will be allocated to each filter. The two orbits will be scheduled consecutively within the same visit to ensure a consistent telescope orientation, thereby maximizing the number of common sources available for relative astrometric alignment between the two filters. We will use a four-point box dither pattern for all observations to improve spatial sampling and image resolution.

Proposal 18392 - Visit 01 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

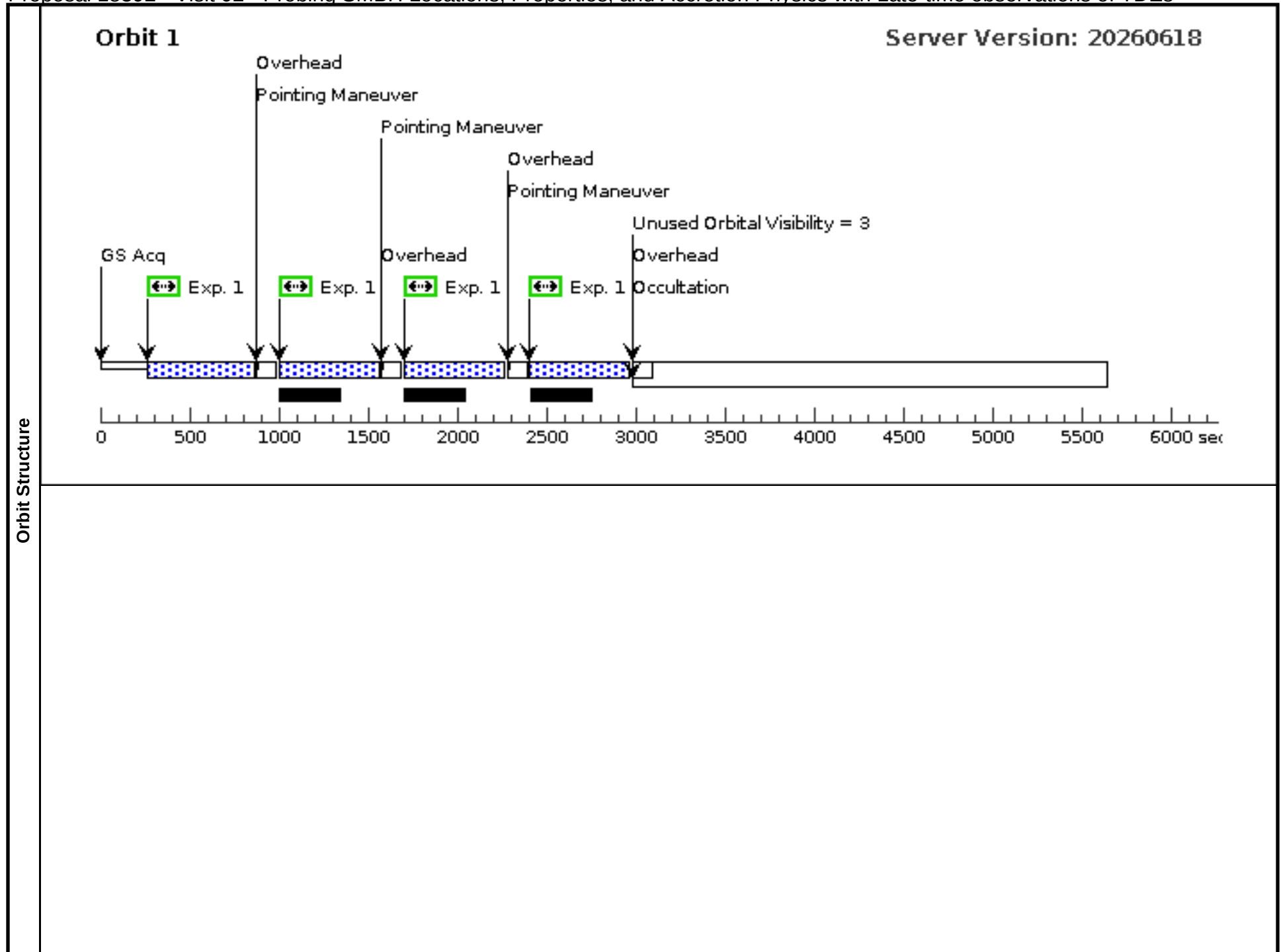
Visit	Proposal 18392, Visit 01										Mon Aug 17 16:01:38 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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			
	(1)	2020AFHD	RA: 03 13 35.7000 (48.3987500d) Dec: -02 09 6.37 (-2.15177d) Equinox: J2000				V=(?) 15.97 in Pan-STARRS-r		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) 2020AFHD	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 01 (1)	564 Secs (2256 Secs)		
										[==>(Pattern 1)]		
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
[==>(Pattern 4)]												
2		(1) 2020AFHD	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 01 (1)	564 Secs (2256 Secs)			
									[==>(Pattern 1)]			
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												

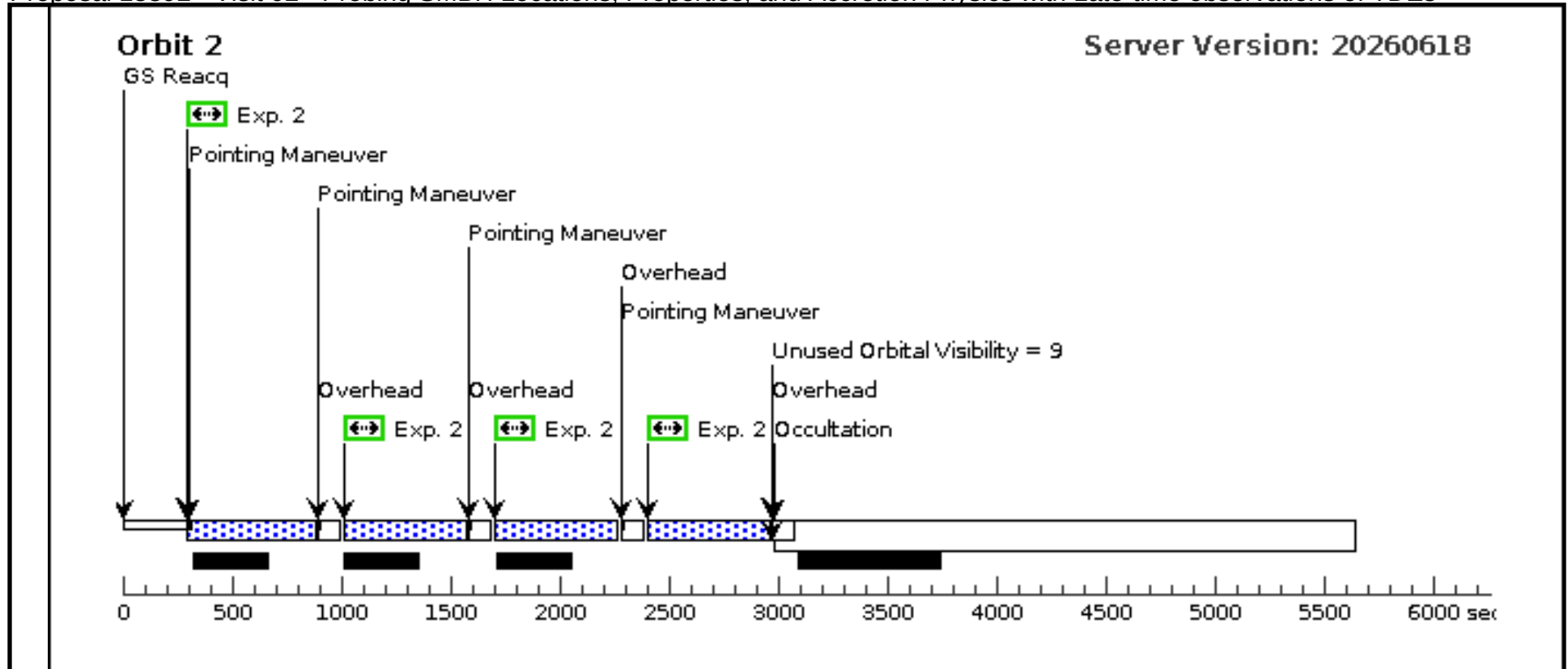




Proposal 18392 - Visit 02 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

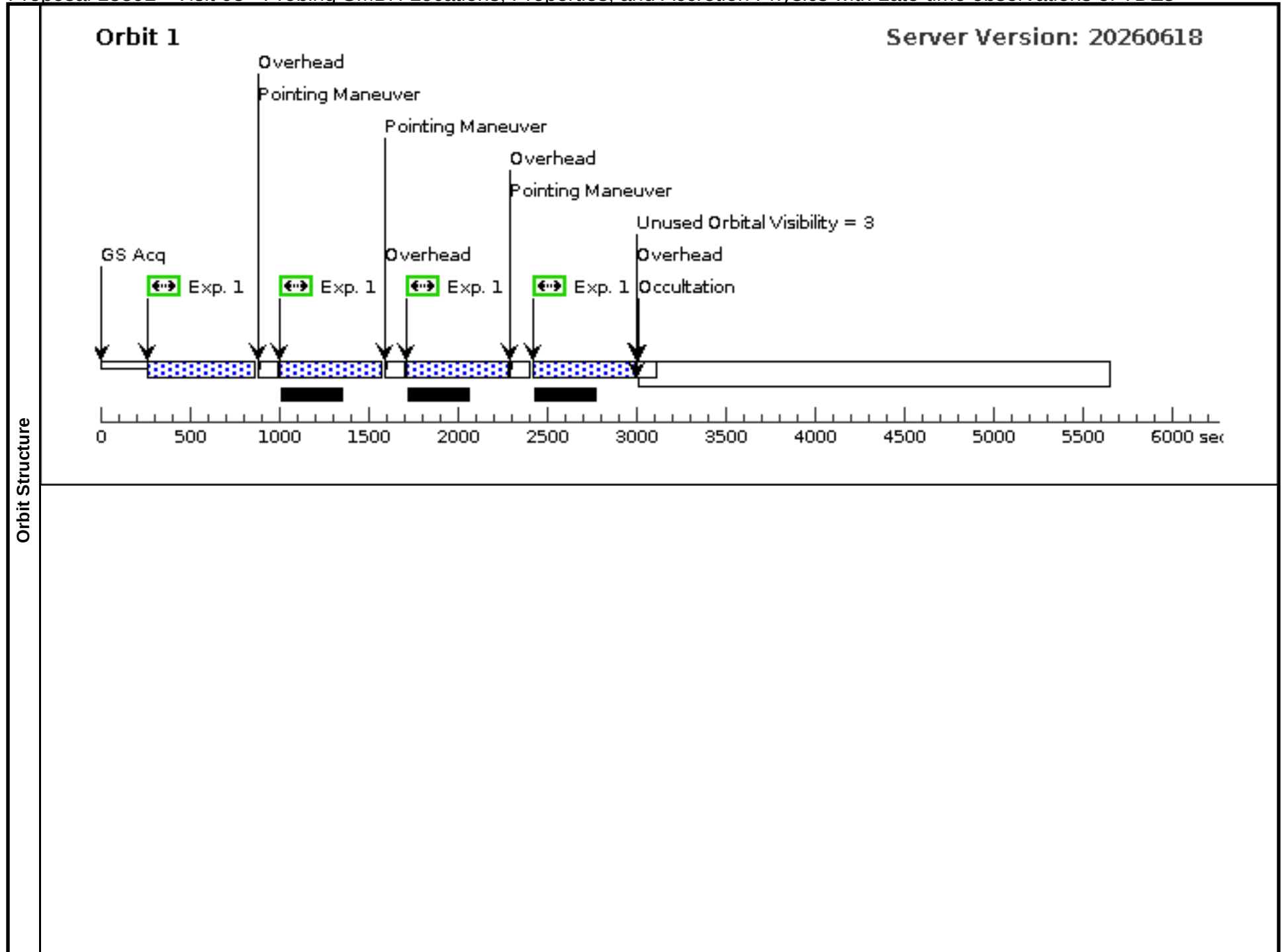
Visit	Proposal 18392, Visit 02										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(2)	2022GRI		RA: 07 18 20.7782 (109.5865758d) Dec: +33 59 41.58 (33.99488d) Equinox: J2000				V=(?) 15.50 in Pan-STARRS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) 2022GRI	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 02 (1)	566 Secs (2264 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(2) 2022GRI	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 02 (1)	564 Secs (2256 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

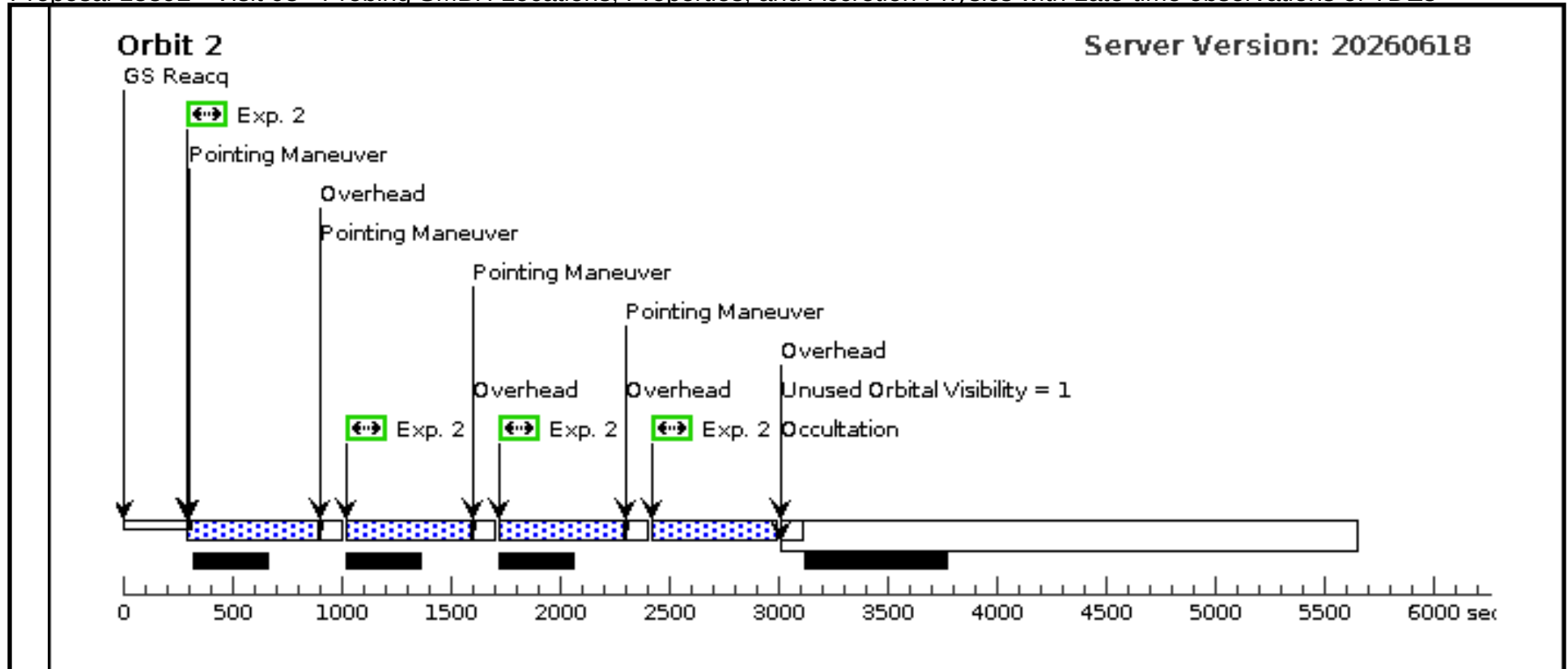




Proposal 18392 - Visit 03 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

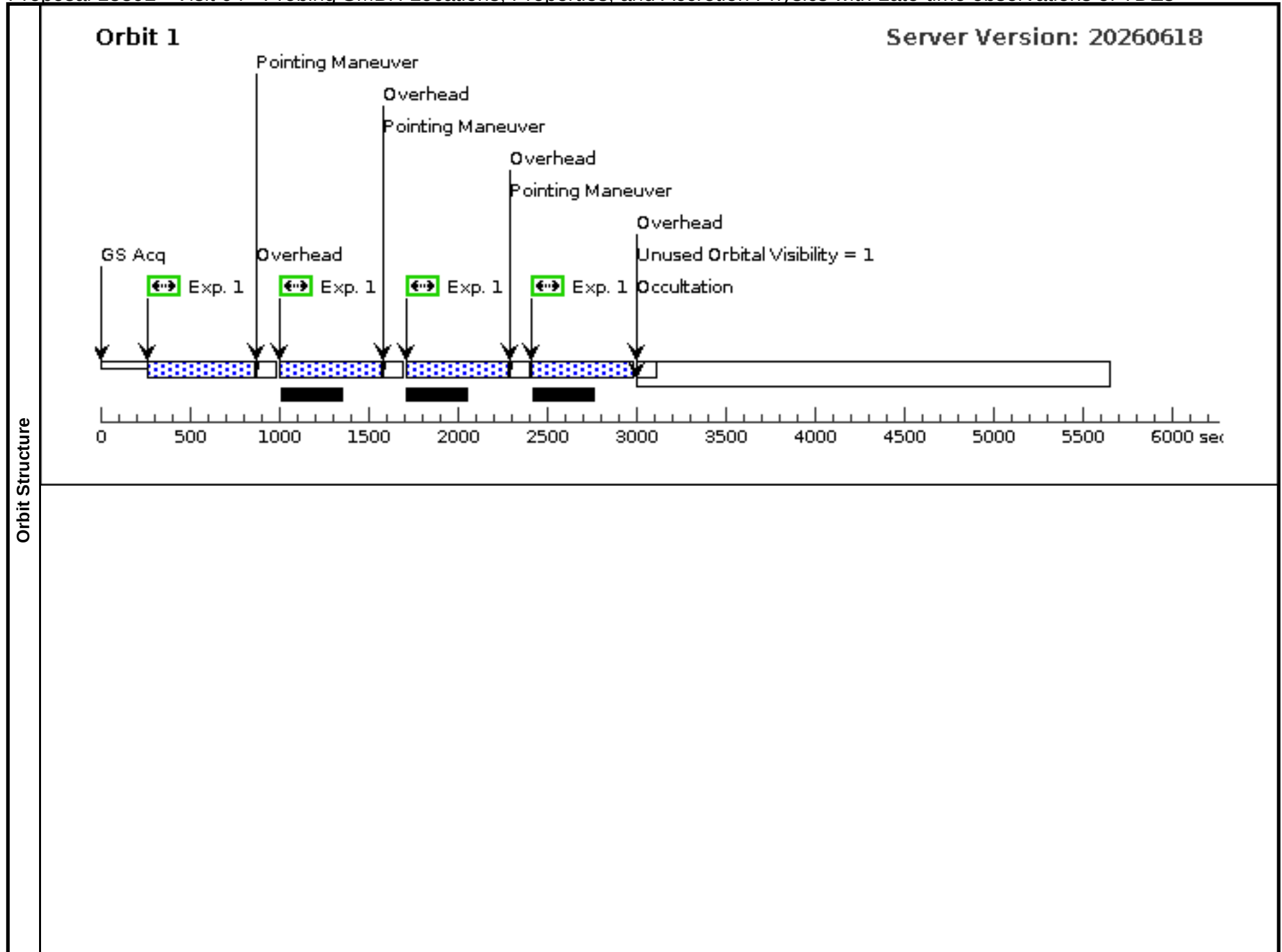
Visit	Proposal 18392, Visit 03										Mon Aug 17 16:01:39 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX		Coordinate Frame=POS-TARG						(1), (2)	
Purpose=DITHER		Pattern Orientation=23.884									
Number Of Points=4		Angle Between Sides=81.785									
Point Spacing=0.173		Center Pattern=false									
Line Spacing=0.112											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	2022DBL	RA: 12 20 45.0096 (185.1875400d)				V=(?)		Reference Frame: ICRS		
	Dec: +49 33 4.68 (49.55130d)		15.49 in SDSS-r								
	Equinox: J2000										
Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(3) 2022DBL	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=15			Pattern 1, Exps 1-1 i n Visit 03 (1)	572 Secs (2288 Secs)		[1]
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
	2	(3) 2022DBL	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=1			Pattern 1, Exps 2-2 i n Visit 03 (1)	572 Secs (2288 Secs)		[2]
[==>(Pattern 1)]											
[==>(Pattern 2)]											
								[==>(Pattern 3)]			
								[==>(Pattern 4)]			

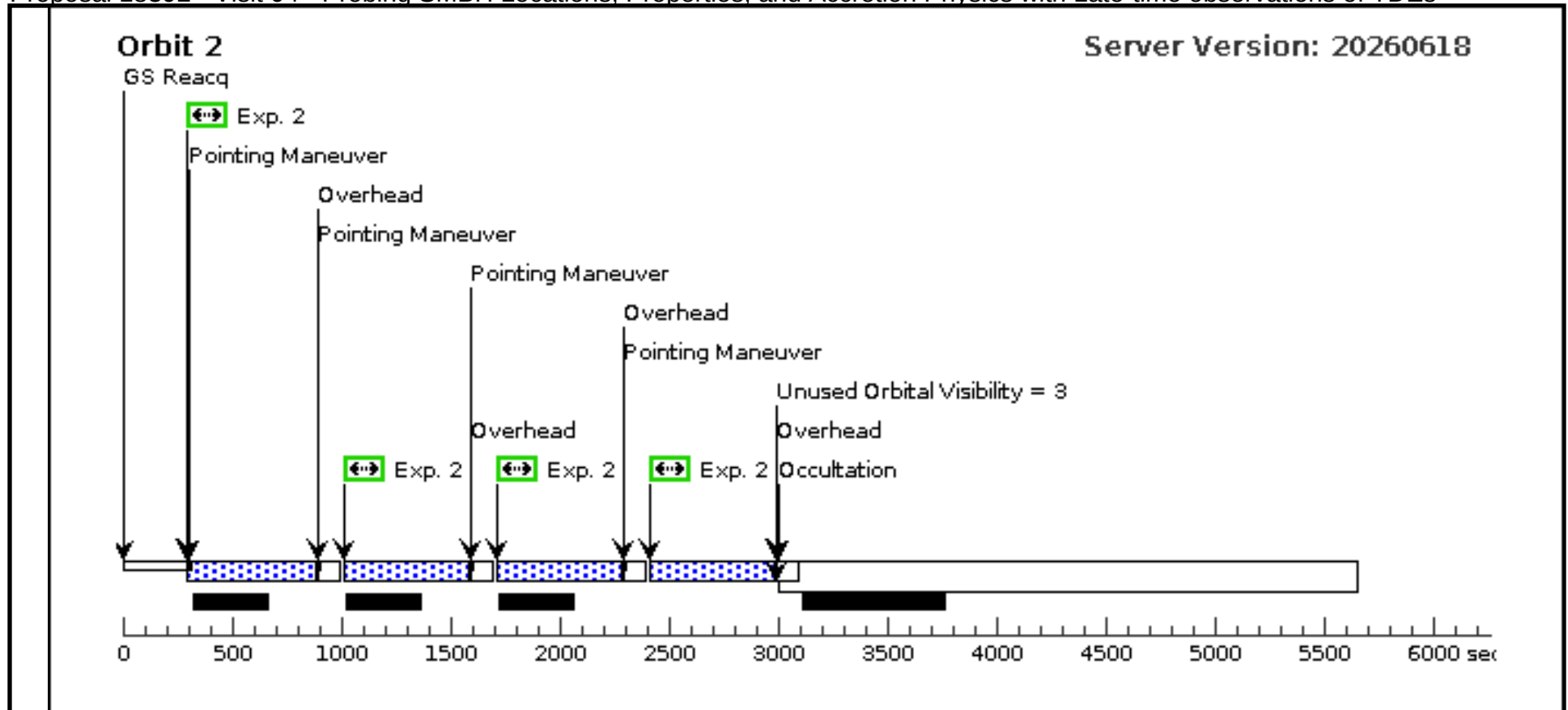




Proposal 18392 - Visit 04 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

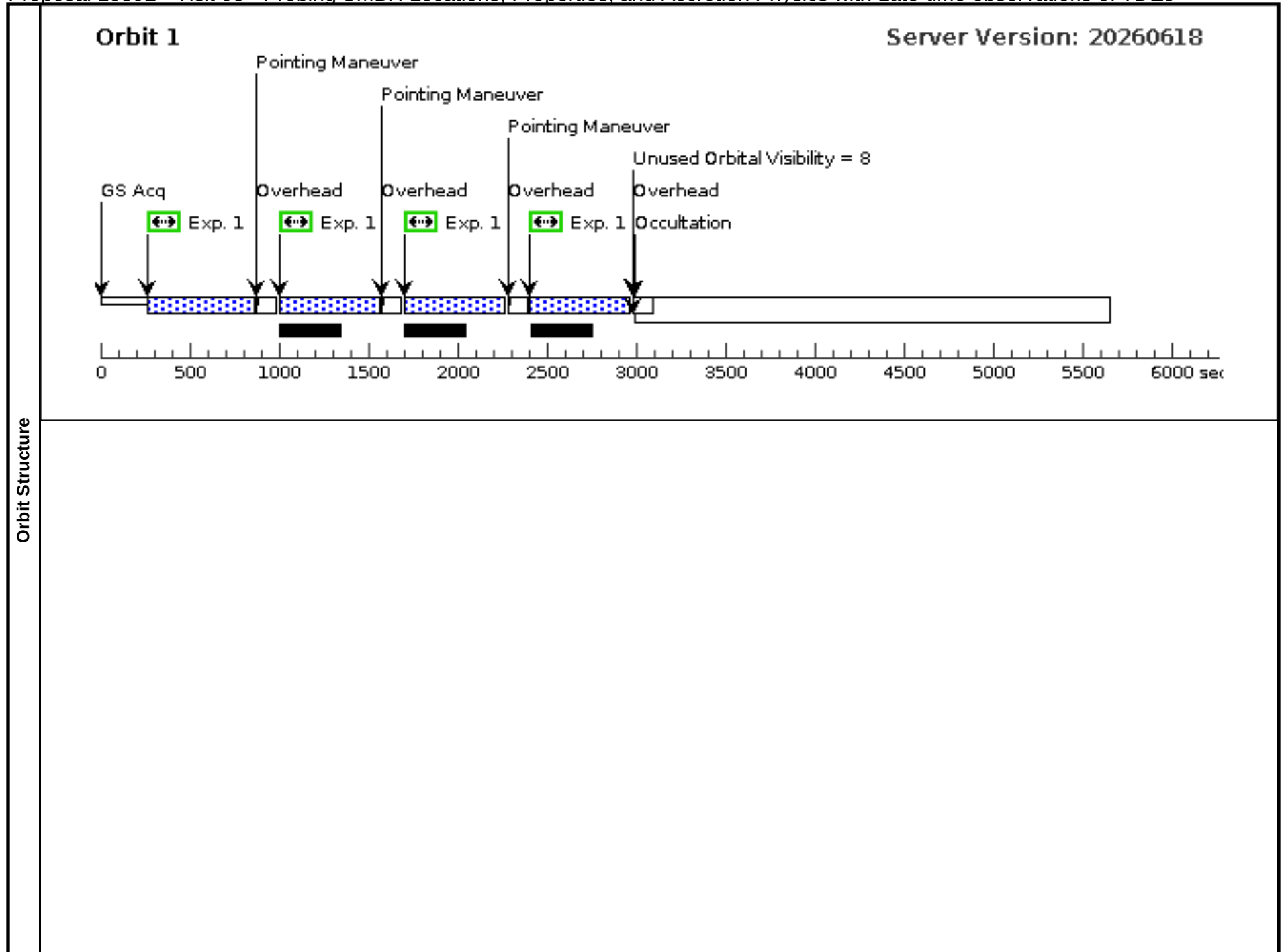
Visit	Proposal 18392, Visit 04										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(4)	2023LLI		RA: 22 57 39.4699 (344.4144579d) Dec: +40 32 40.02 (40.54445d) Equinox: J2000				V=(?) 16.26 in Pan-STARRS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) 2023LLI	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 04 (1)	570 Secs (2280 Secs)		
										[==>(Pattern 1)]		[1]
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
	[==>(Pattern 4)]											
2		(4) 2023LLI	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 04 (1)	569 Secs (2276 Secs)			
									[==>(Pattern 1)]		[2]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												

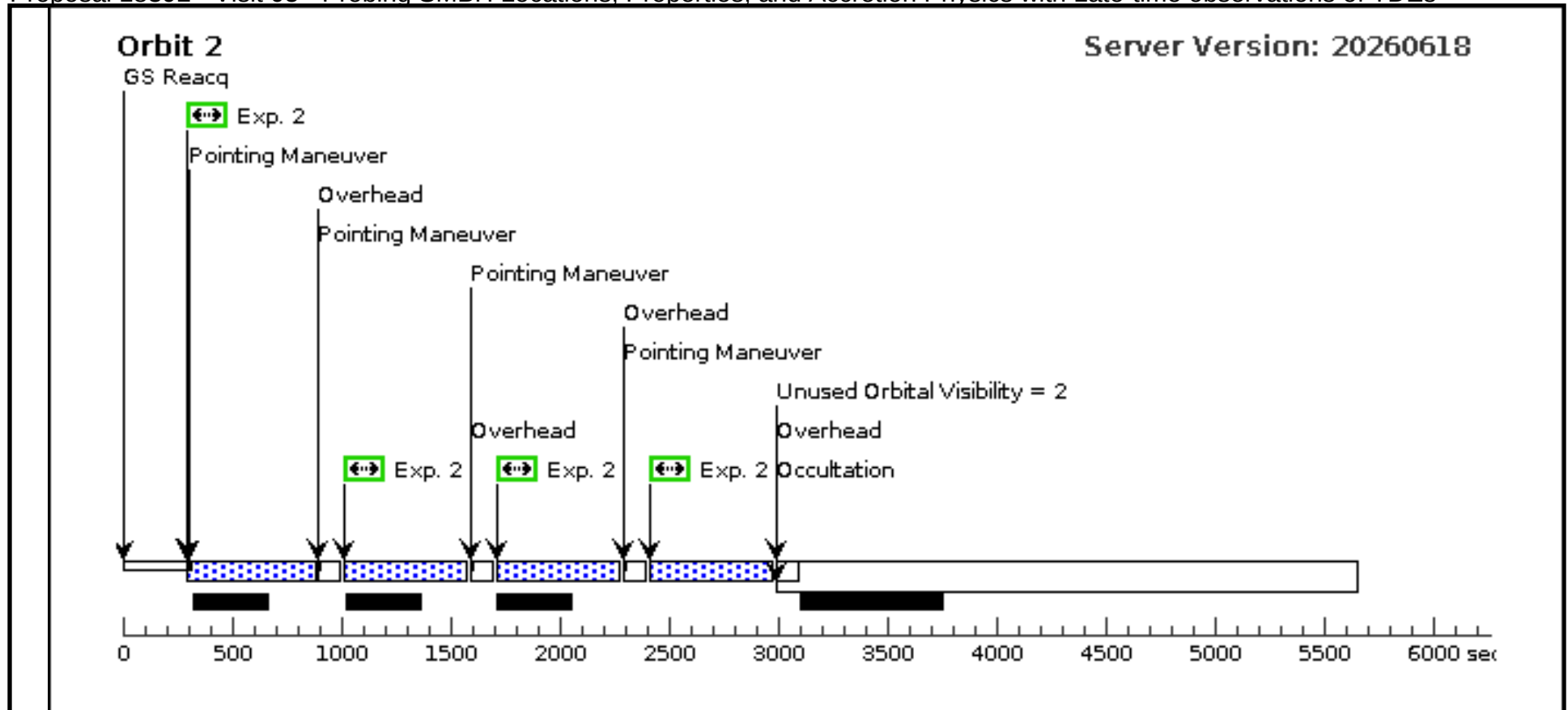




Proposal 18392 - Visit 05 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

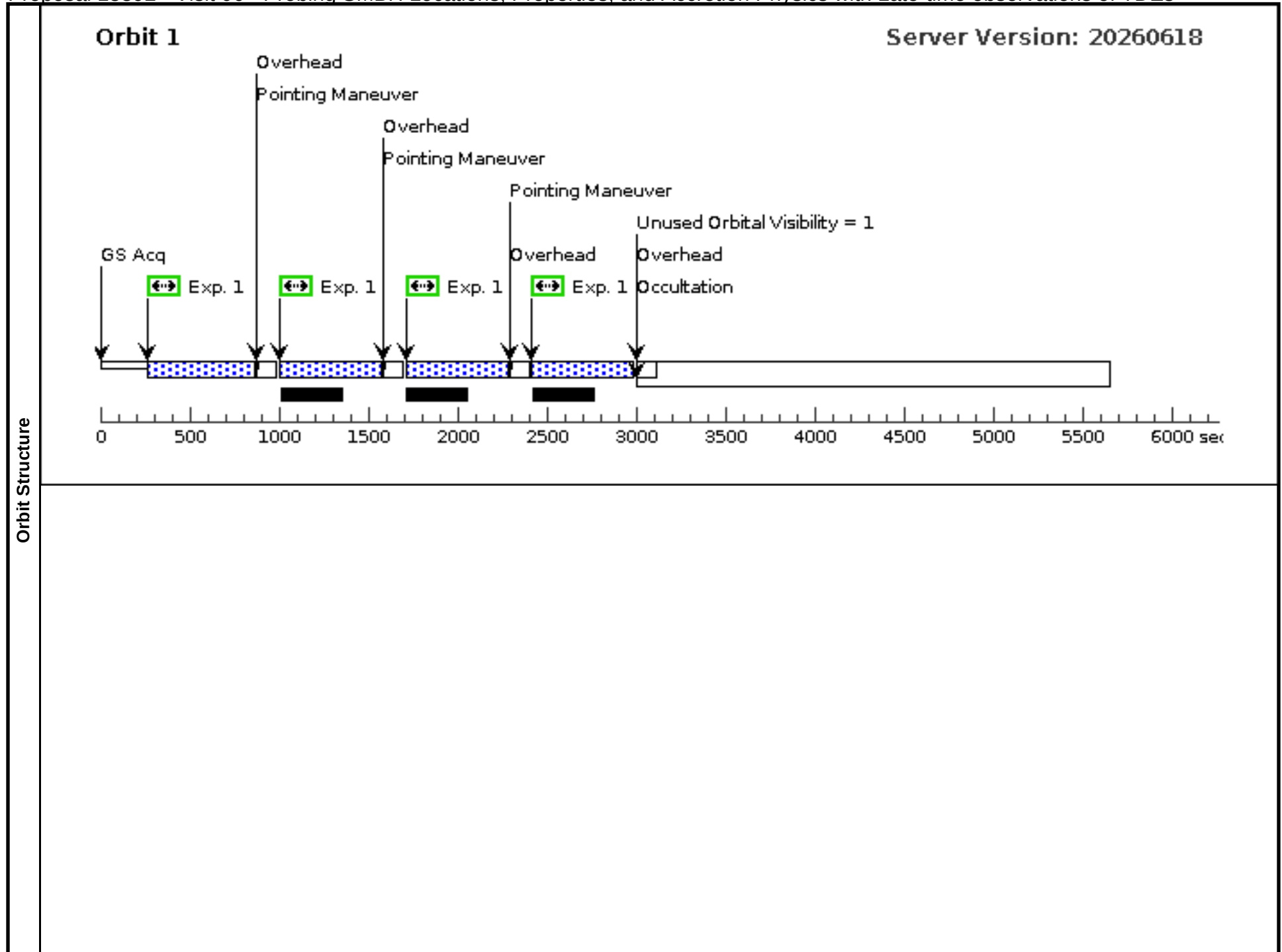
Visit	Proposal 18392, Visit 05										Mon Aug 17 16:01:39 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: (none)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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		
	(5)	2024DOO	RA: 13 12 35.0100 (198.1458750d) Dec: -35 38 34.69 (-35.64297d) Equinox: J2000				V=(?) 16.07 in DECaLS/Legacy r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(5) 2024DOO	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=15			Pattern 1, Exps 1-1 i n Visit 05 (1)	566 Secs (2264 Secs)		[1]
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
	2	(5) 2024DOO	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=1			Pattern 1, Exps 2-2 i n Visit 05 (1)	567 Secs (2268 Secs)		[2]
[==>(Pattern 1)]											
[==>(Pattern 2)]											
								[==>(Pattern 3)]			
								[==>(Pattern 4)]			

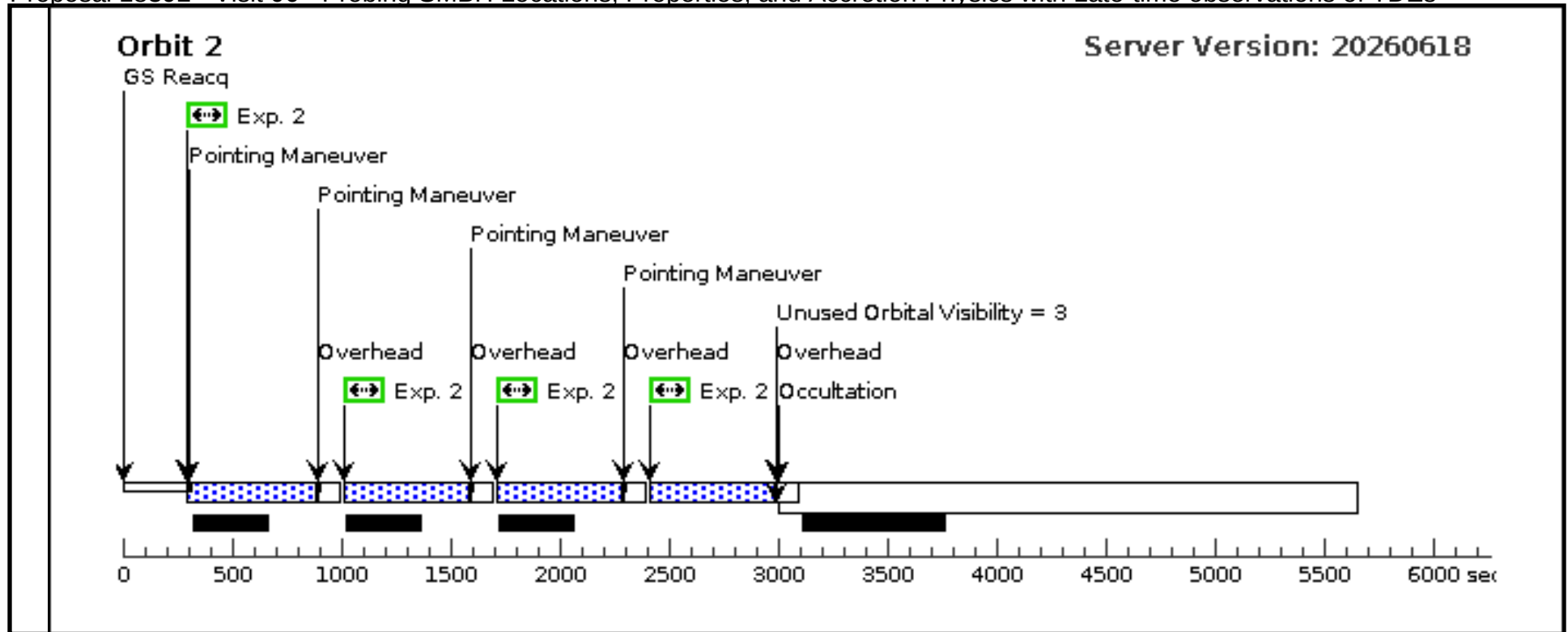




Proposal 18392 - Visit 06 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

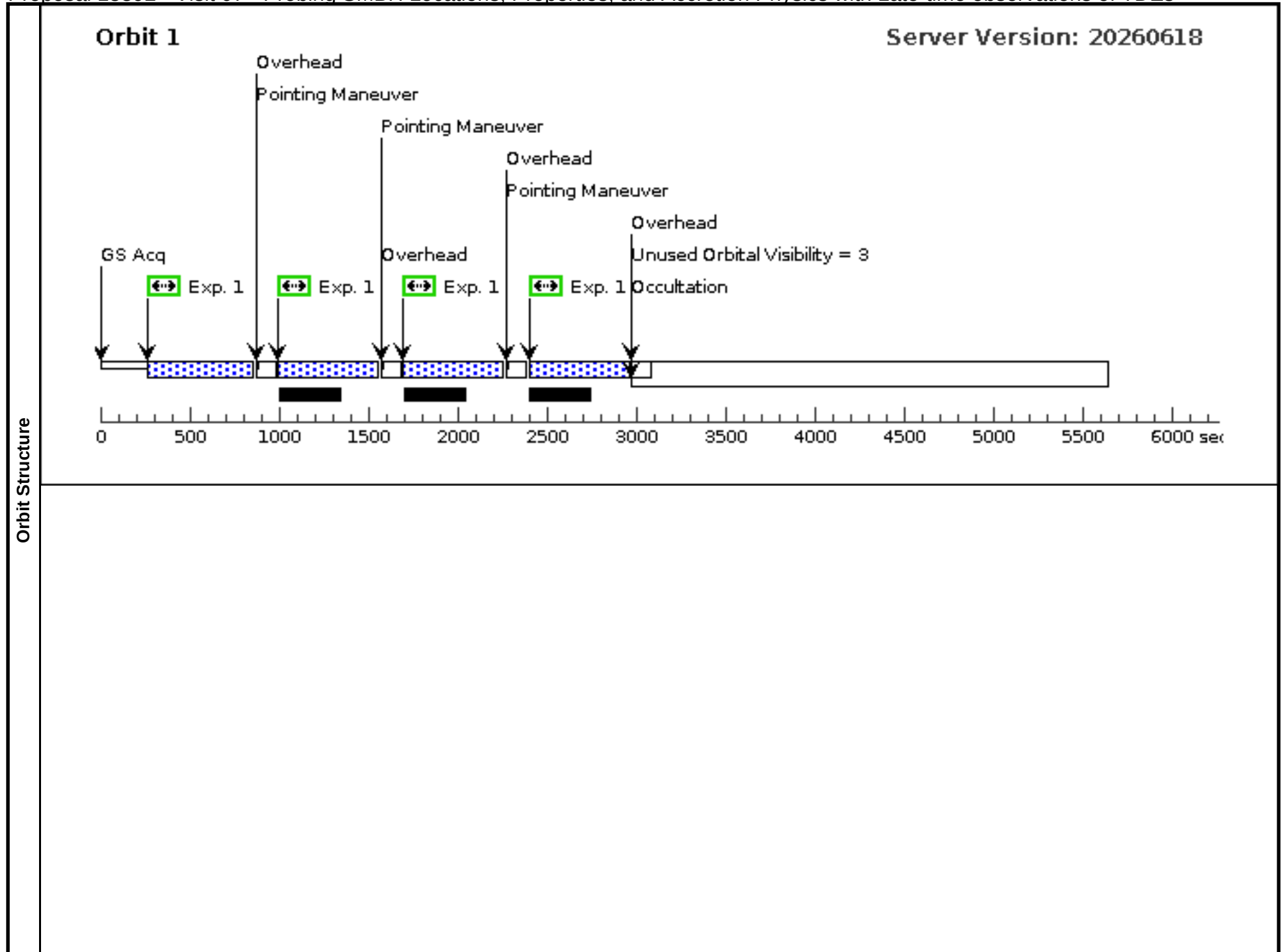
Visit	Proposal 18392, Visit 06										Mon Aug 17 16:01:39 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: (none)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=23.884 Purpose=DITHER Angle Between Sides=81.785 Number Of Points=4 Center Pattern=false Point Spacing=0.173 Line Spacing=0.112								(1), (2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	2020VDQ	RA: 10 08 53.4401 (152.2226671d) Dec: +42 43 0.23 (42.71673d) Equinox: J2000				V=(?) 18.31 in SDSS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) 2020VDQ	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 06 (1)	570 Secs (2280 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(6) 2020VDQ	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 06 (1)	569 Secs (2276 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

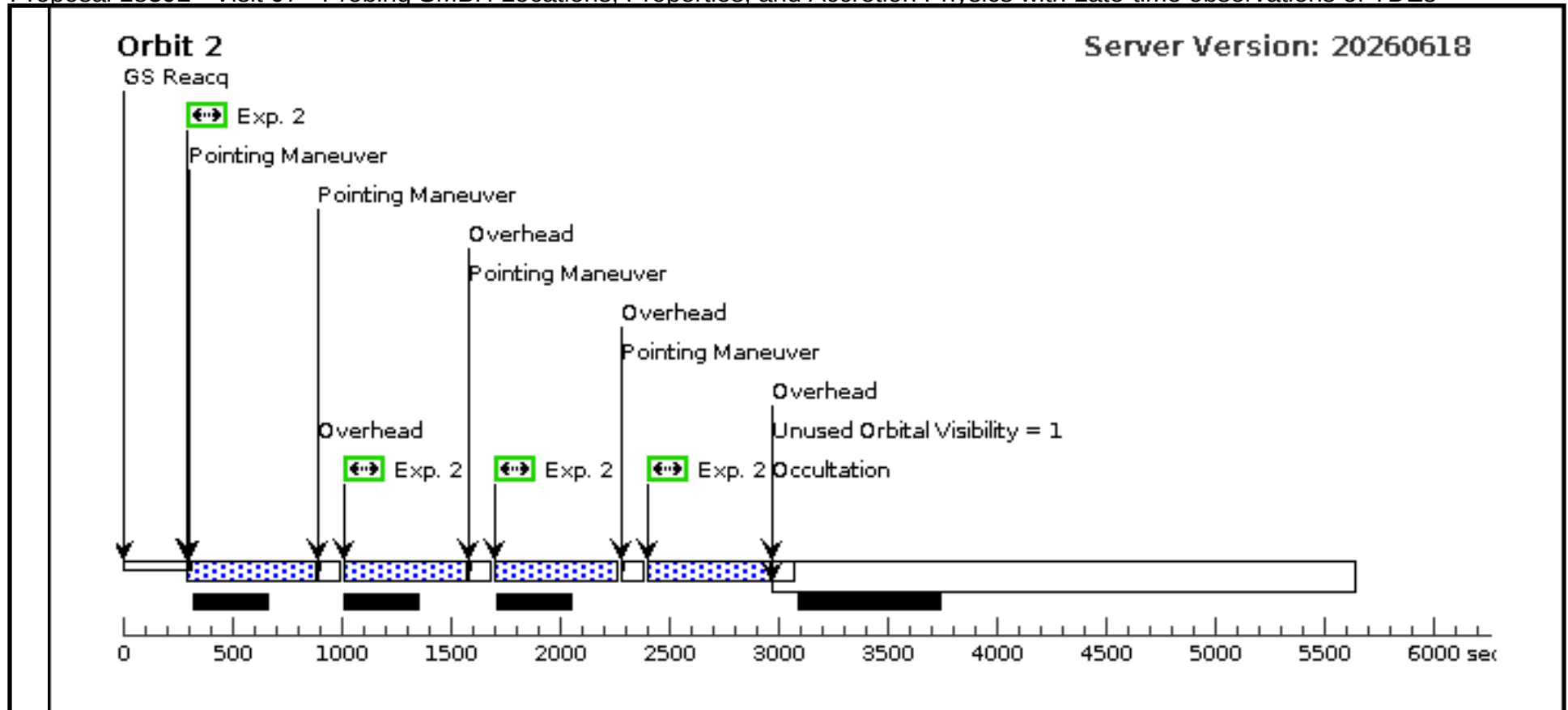




Proposal 18392 - Visit 07 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

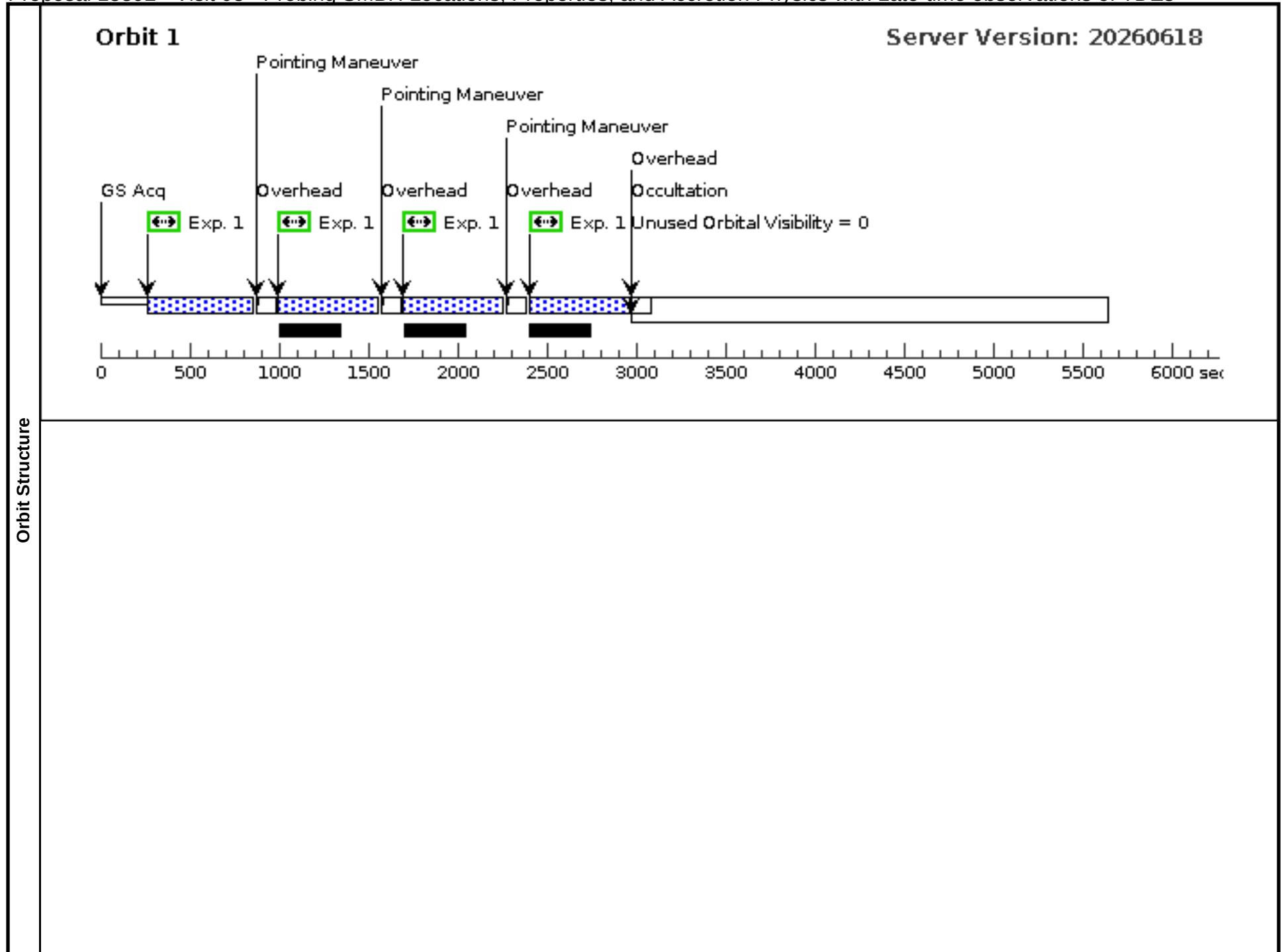
Visit	Proposal 18392, Visit 07										Mon Aug 17 16:01:39 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: (none)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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		
	(7)	2024PVU	RA: 23 31 11.9303 (352.7997096d) Dec: +22 15 32.20 (22.25894d) Equinox: J2000				V=(?) 16.05 in SDSS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) 2024PVU	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 07 (1)	564 Secs (2256 Secs)		
									[==>564.0 Secs (Pattern 1)]		[1]
									[==>564.0 Secs (Pattern 2)]		
									[==>564.0 Secs (Pattern 3)]		
	[==>564.0 Secs (Pattern 4)]										
2		(7) 2024PVU	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 07 (1)	564 Secs (2256 Secs)			
								[==>(Pattern 1)]		[2]	
								[==>(Pattern 2)]			
								[==>(Pattern 3)]			
[==>(Pattern 4)]											

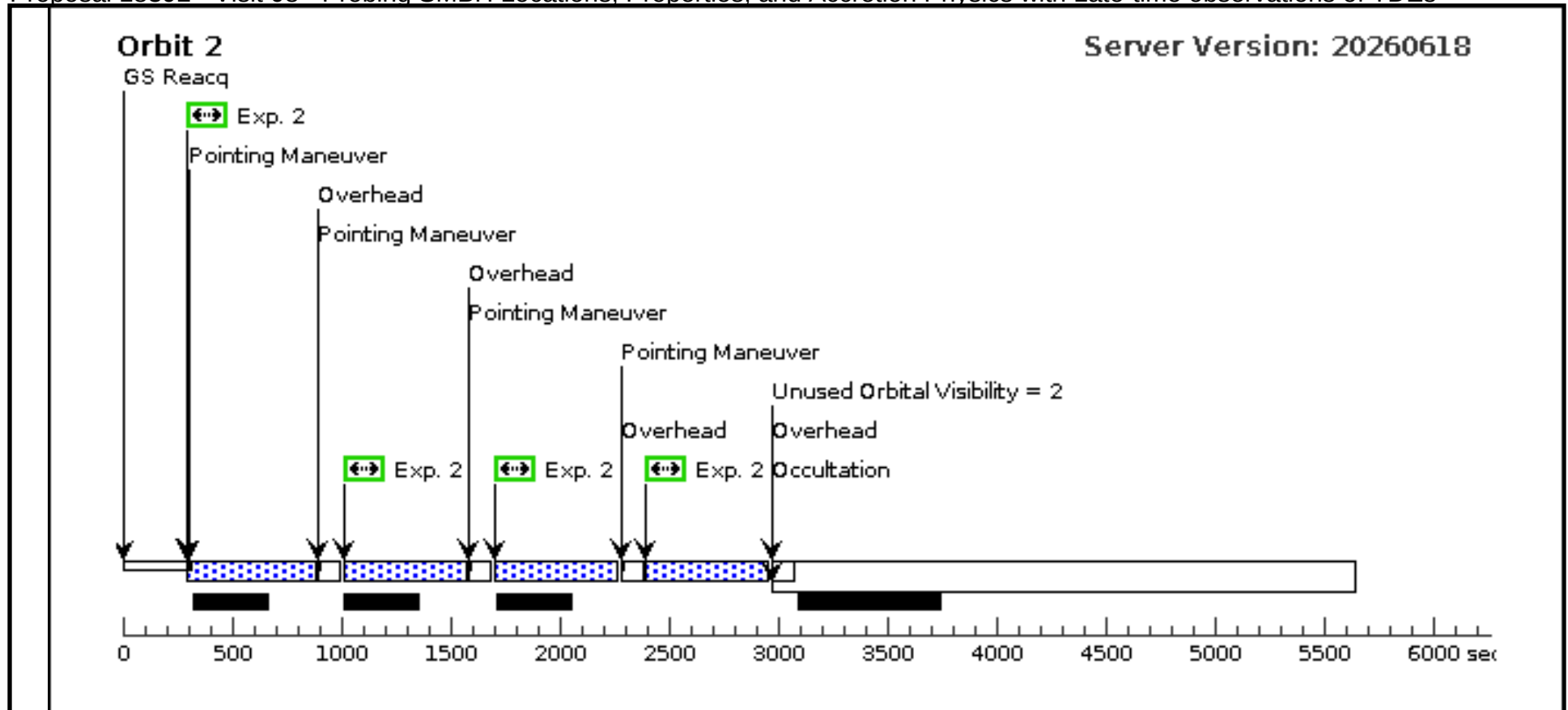




Proposal 18392 - Visit 08 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

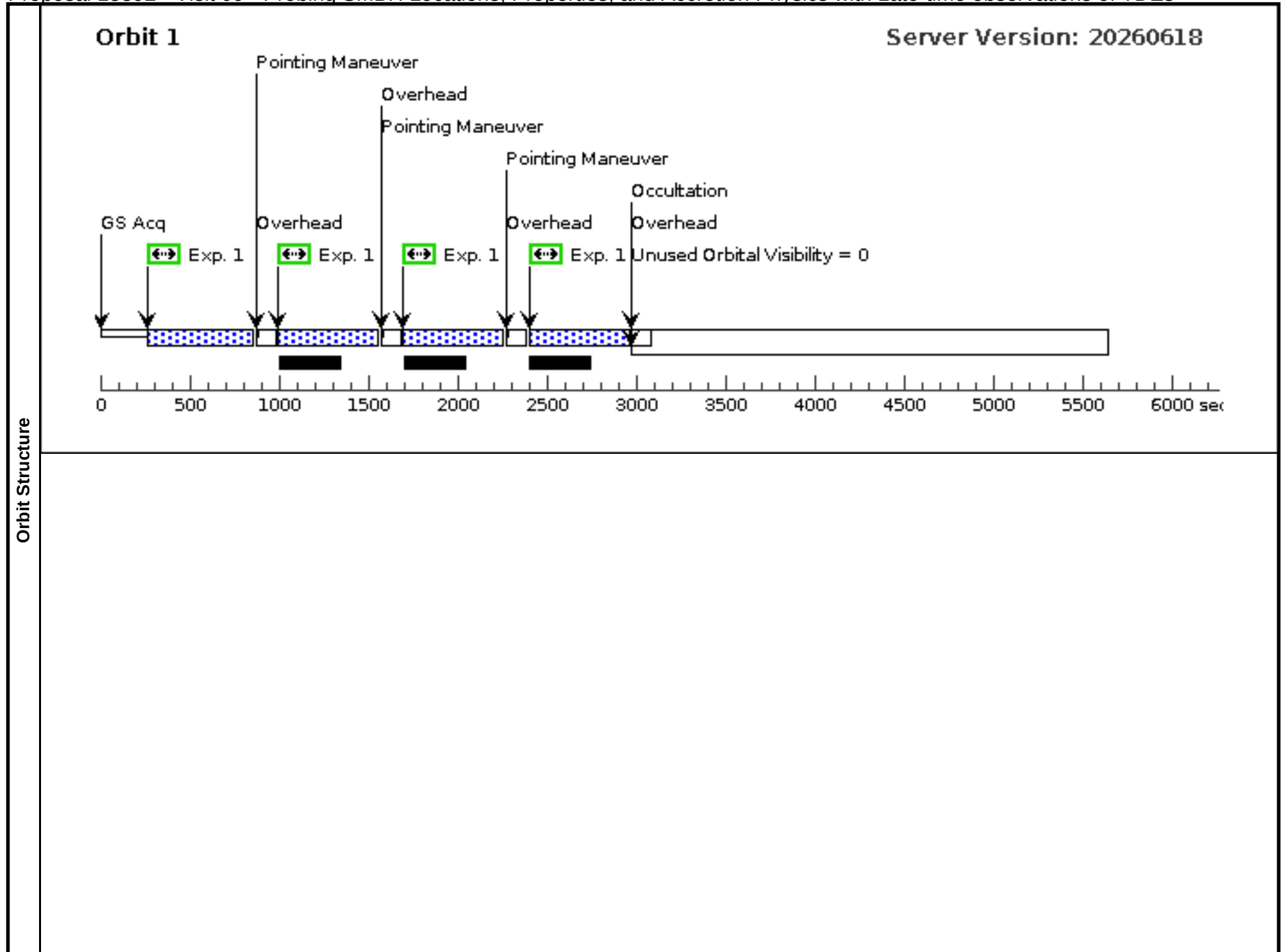
Visit	Proposal 18392, Visit 08										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(8)	2023MHS		RA: 13 43 15.6811 (205.8153379d) Dec: +19 15 0.90 (19.25025d) Equinox: J2000				V=(?) 16.85 in SDSS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) 2023MHS	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 08 (1)	564 Secs (2256 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(8) 2023MHS	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 08 (1)	563 Secs (2252 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

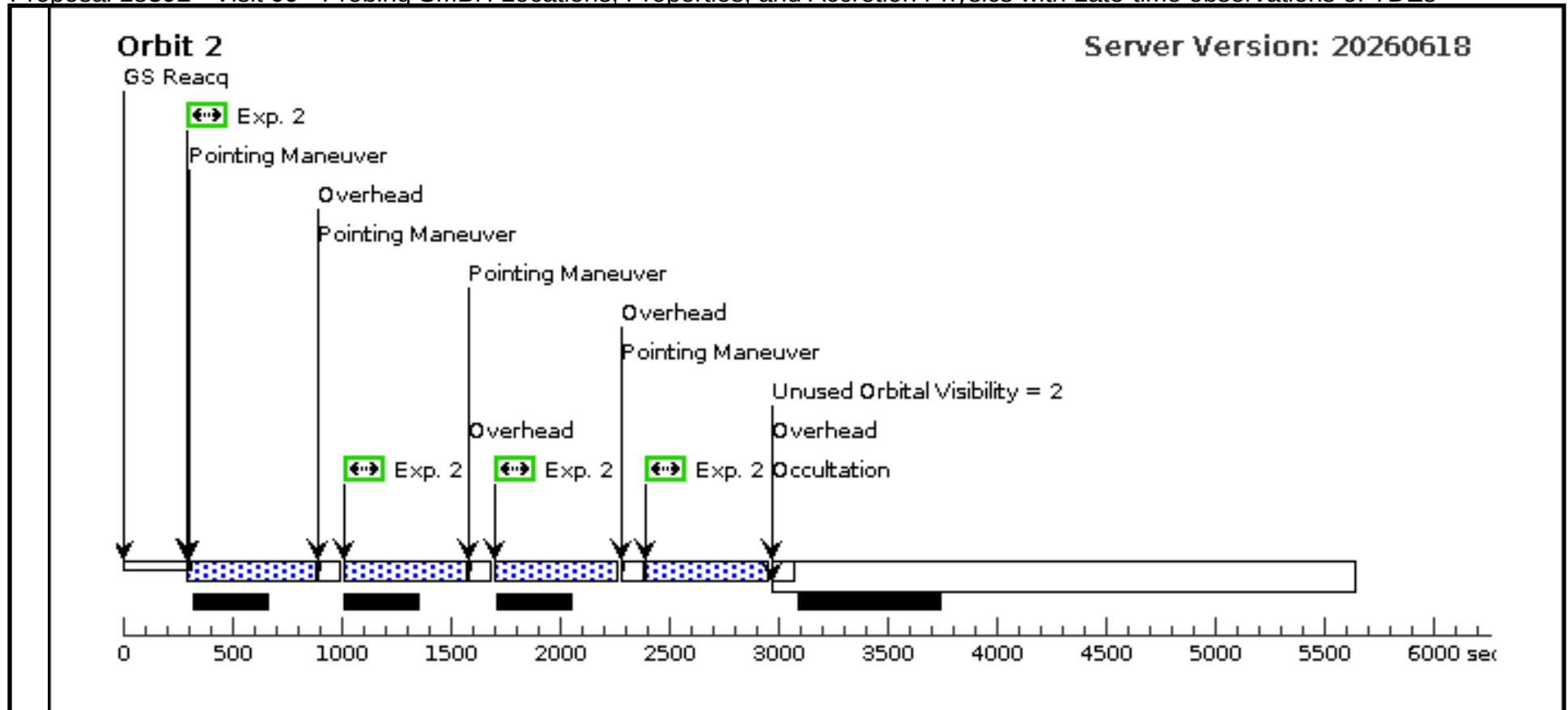




Proposal 18392 - Visit 09 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

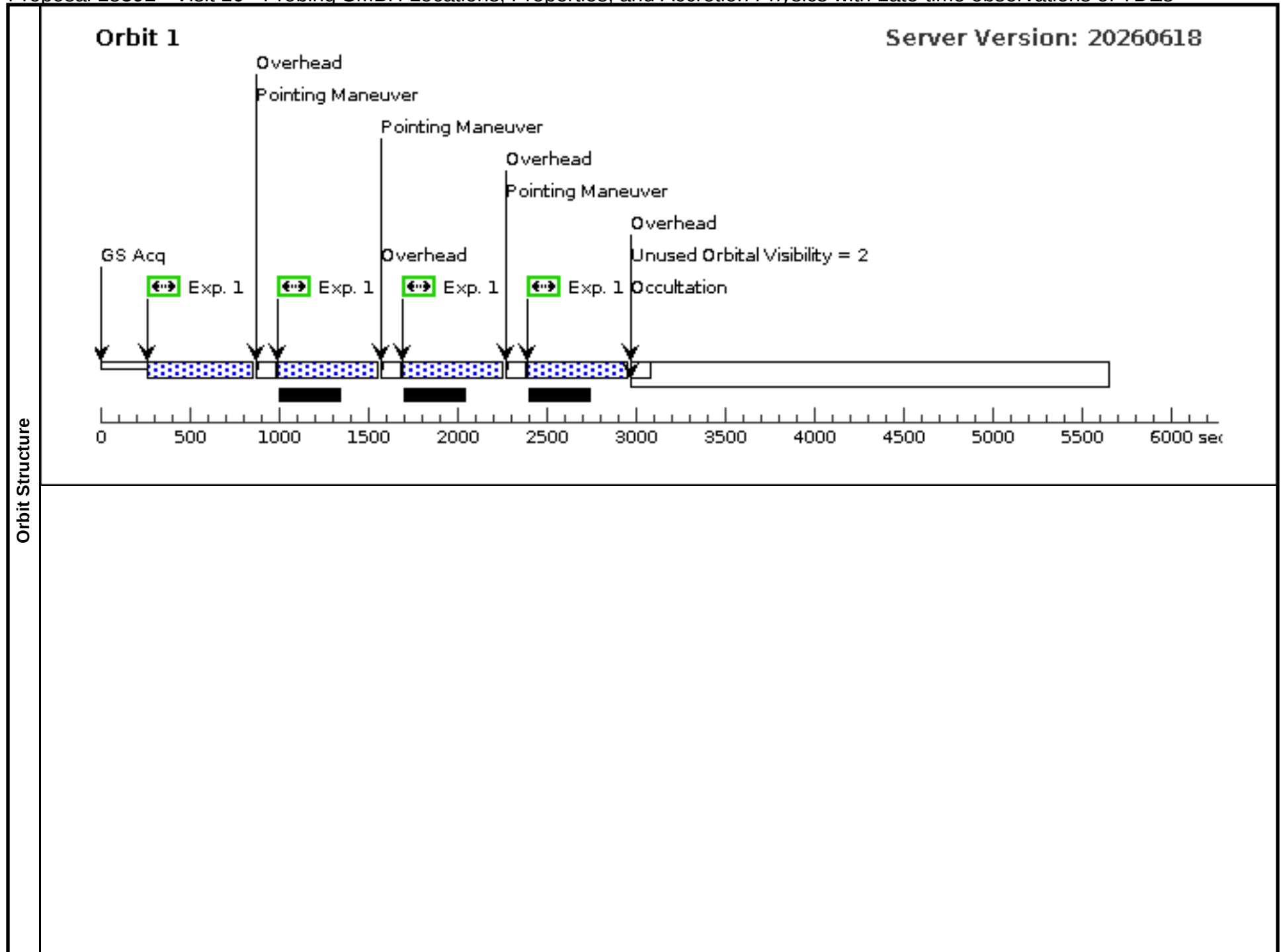
Visit	Proposal 18392, Visit 09										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(9)	2024GXR		RA: 17 22 32.6367 (260.6359863d) Dec: +18 13 58.20 (18.23283d) Equinox: J2000				V=(?) 15.76 in Pan-STARRS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(9) 2024GXR	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 in Visit 09 (1)	564 Secs (2256 Secs)		[1]
										[==>(Pattern 1)]		
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
	[==>(Pattern 4)]											
2		(9) 2024GXR	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 in Visit 09 (1)	563 Secs (2252 Secs)		[2]	
									[==>(Pattern 1)]			
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												

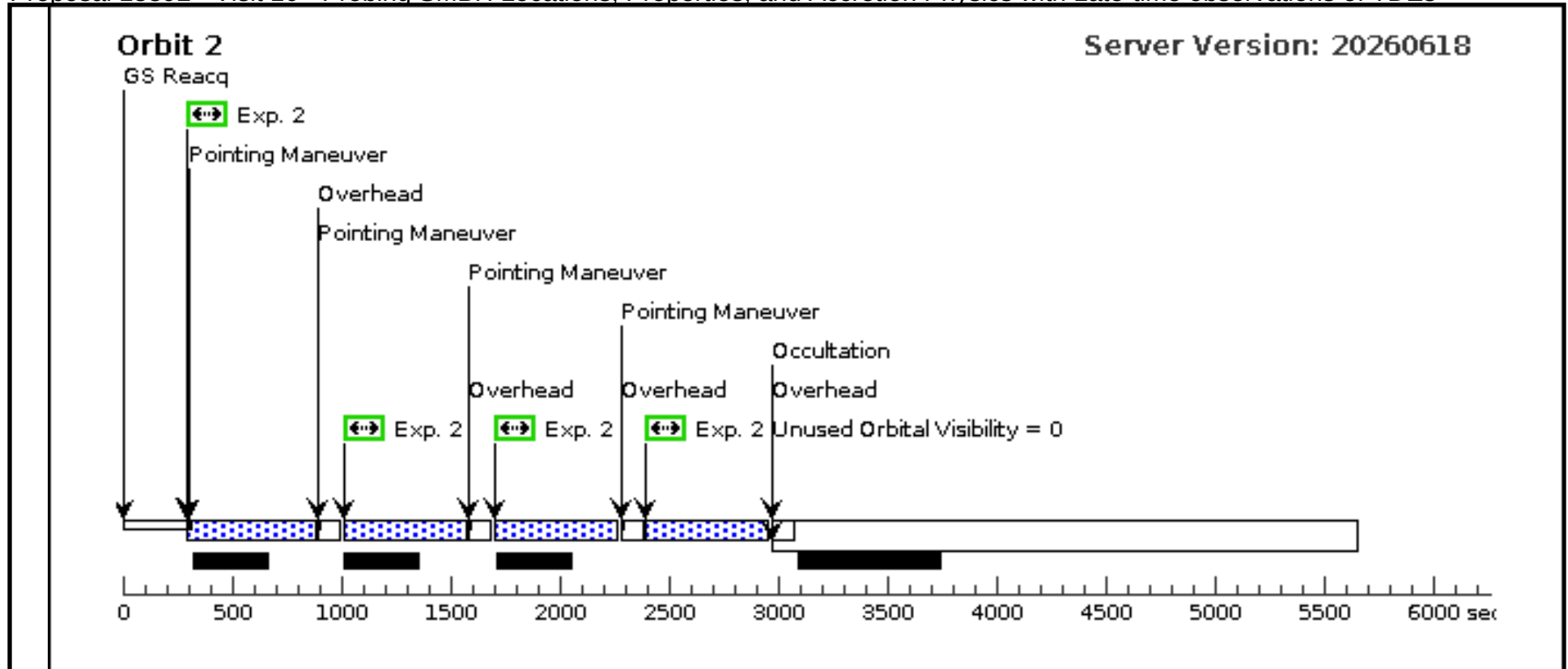




Proposal 18392 - Visit 10 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

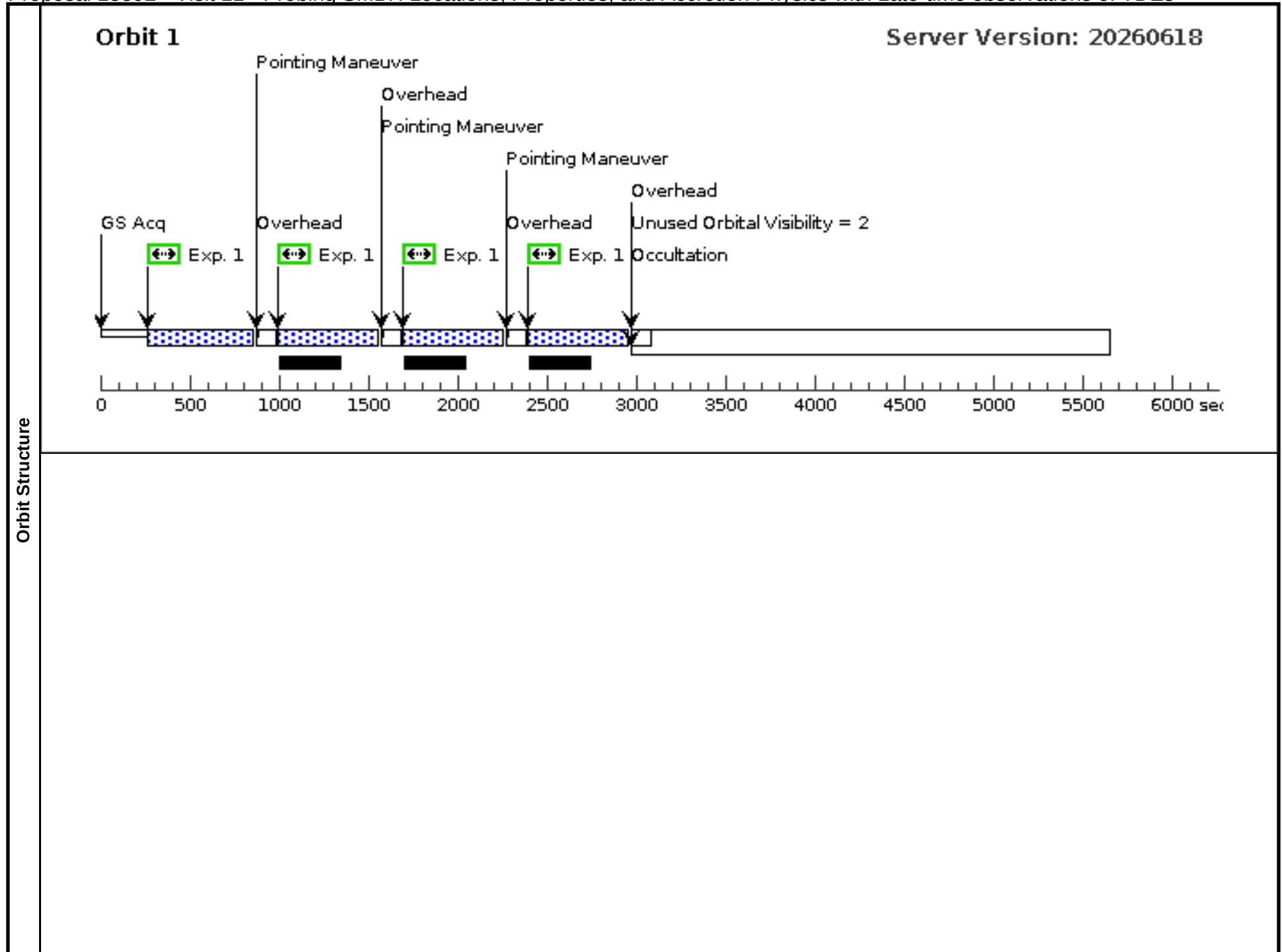
Visit	Proposal 18392, Visit 10										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(10)	2021YTE		RA: 06 55 4.7260 (103.7696917d) Dec: +12 38 2.96 (12.63416d) Equinox: J2000				V=(?) 18.72 in SDSS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(10) 2021YTE	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 10 (1)	563 Secs (2252 Secs)		
										[==>(Pattern 1)]		[1]
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
	[==>(Pattern 4)]											
2		(10) 2021YTE	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 10 (1)	563 Secs (2252 Secs)			
									[==>(Pattern 1)]		[2]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												

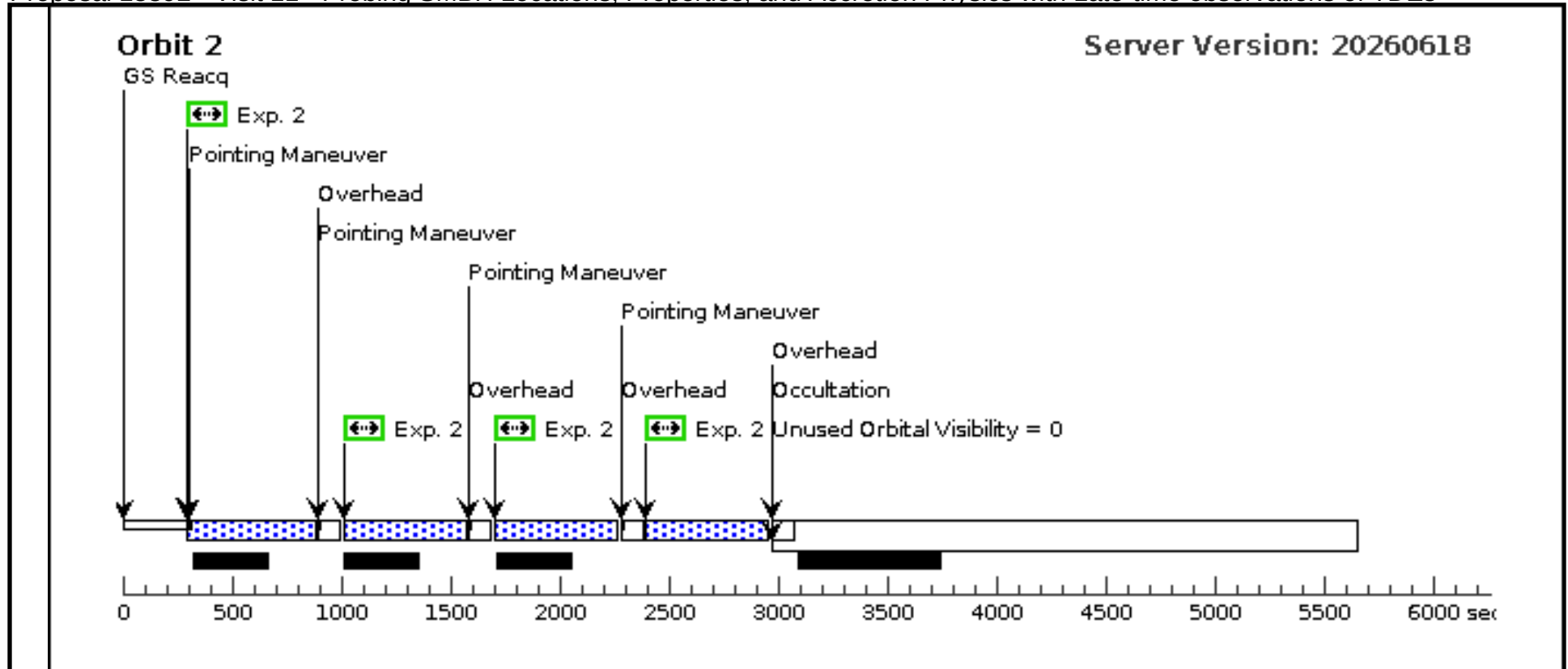




Proposal 18392 - Visit 11 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

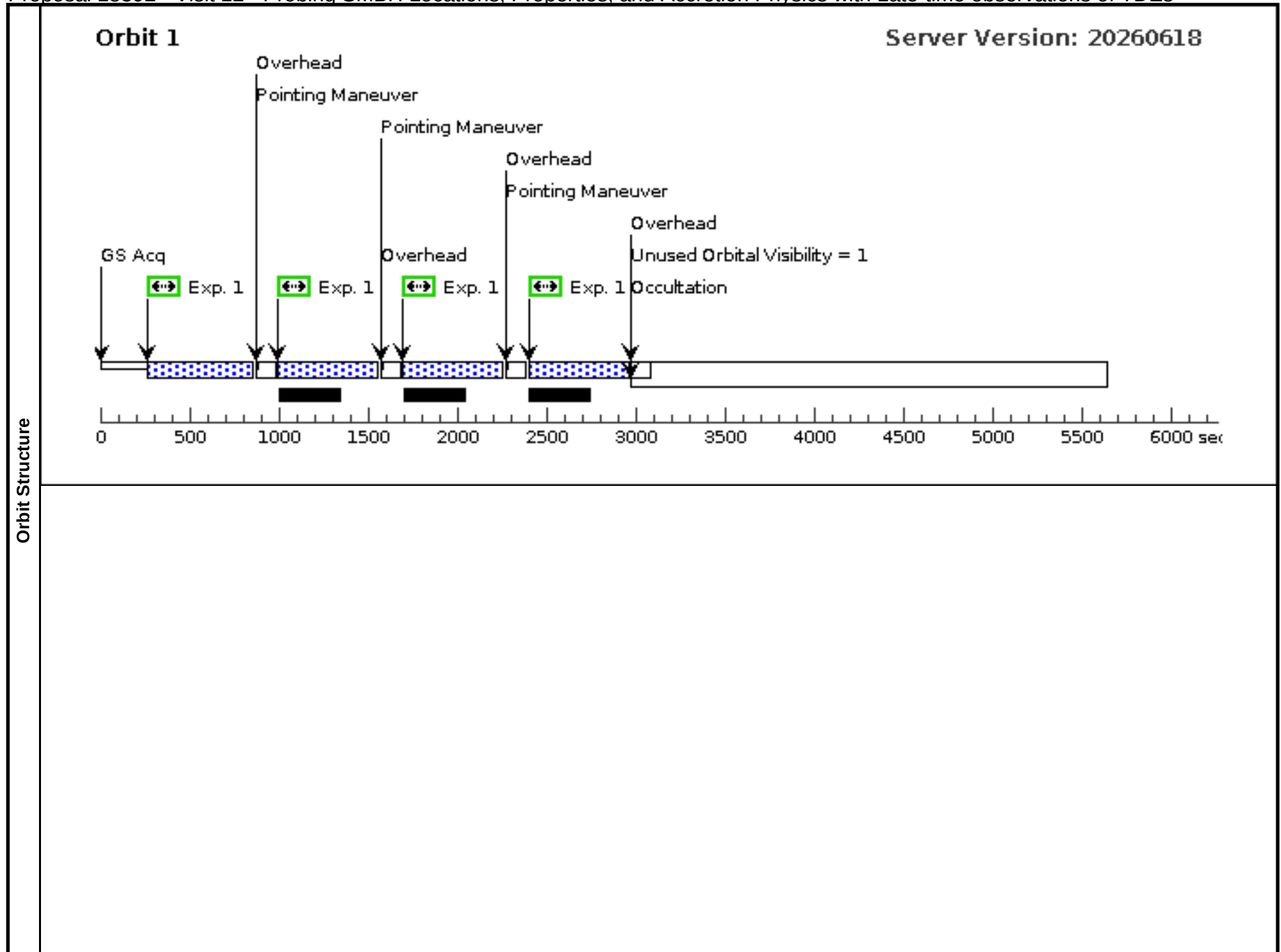
Visit	Proposal 18392, Visit 11										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(11)	2022UPJ		RA: 00 23 56.8459 (5.9868579d) Dec: -14 25 23.22 (-14.42312d) Equinox: J2000				V=(?) 16.25 in SDSS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) 2022UPJ	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 11 (1)	563 Secs (2252 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(11) 2022UPJ	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 11 (1)	563 Secs (2252 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

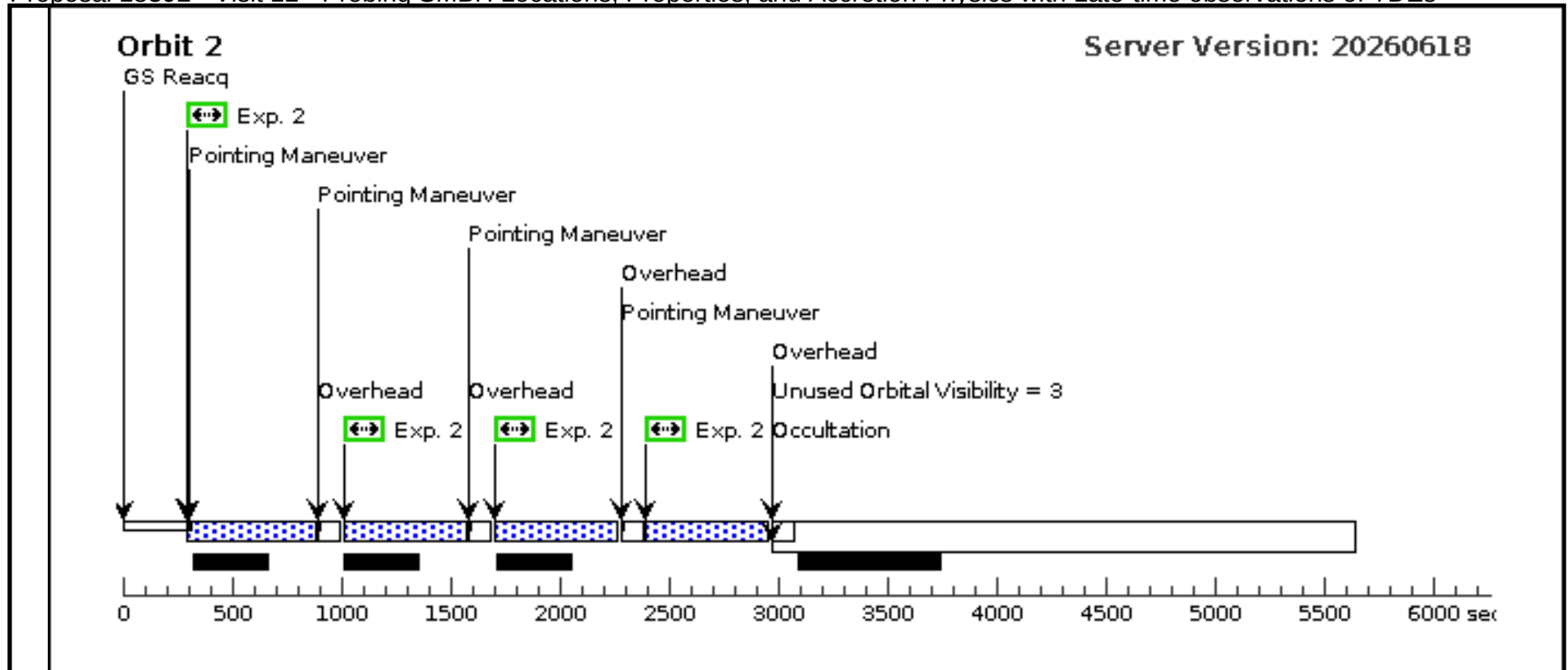




Proposal 18392 - Visit 12 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

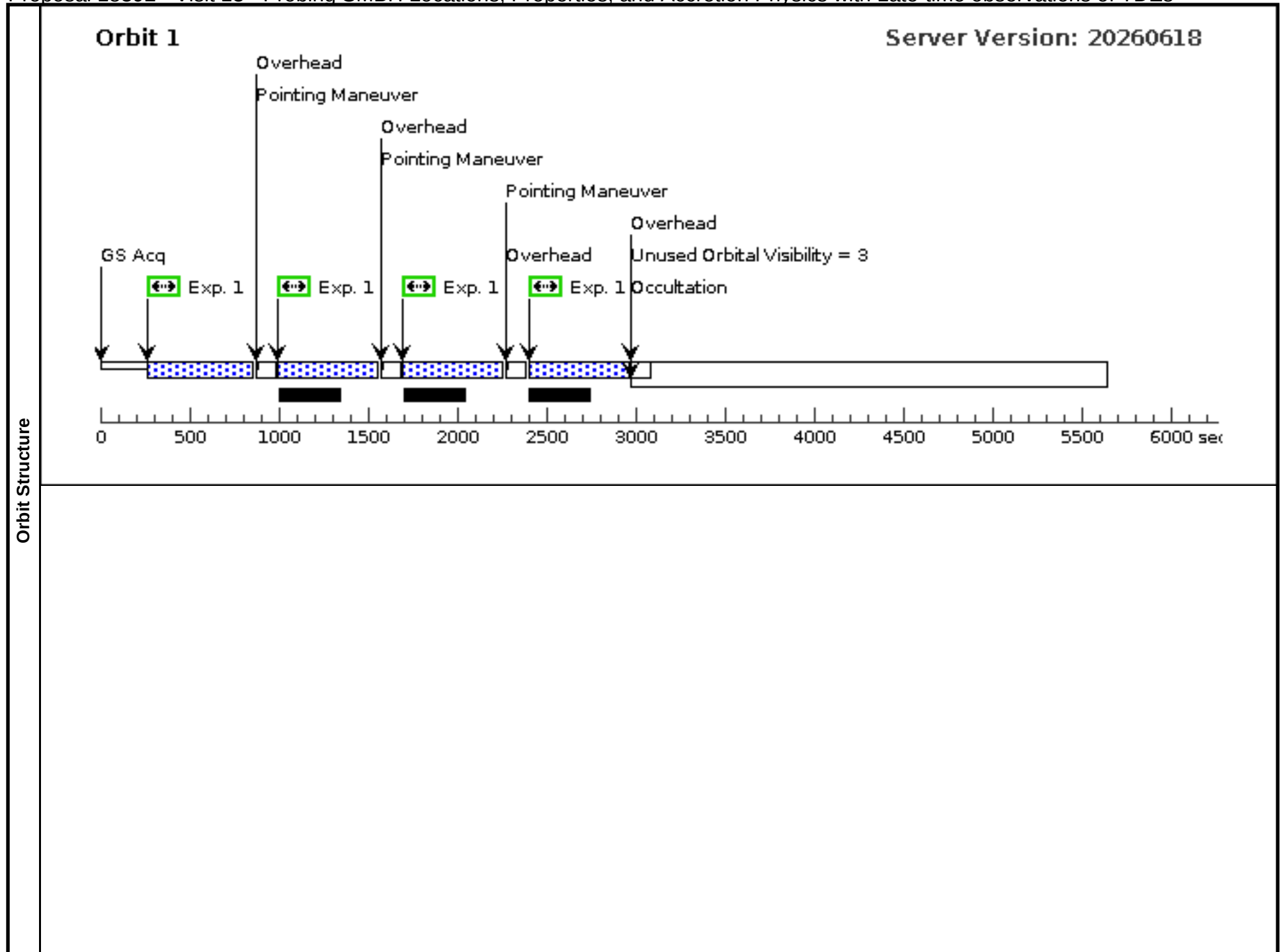
Visit	Proposal 18392, Visit 12										Mon Aug 17 16:01:39 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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		
	(12)	2020ZSO	RA: 22 22 17.1300 (335.5713750d) Dec: -07 15 59.08 (-7.26641d) Equinox: J2000				V=(?) 16.83 in SDSS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(12) 2020ZSO	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 12 (1)	564 Secs (2256 Secs)		[1]
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
	[==>(Pattern 4)]										
2		(12) 2020ZSO	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 12 (1)	563 Secs (2252 Secs)		[2]	
								[==>(Pattern 1)]			
								[==>(Pattern 2)]			
								[==>(Pattern 3)]			
[==>(Pattern 4)]											

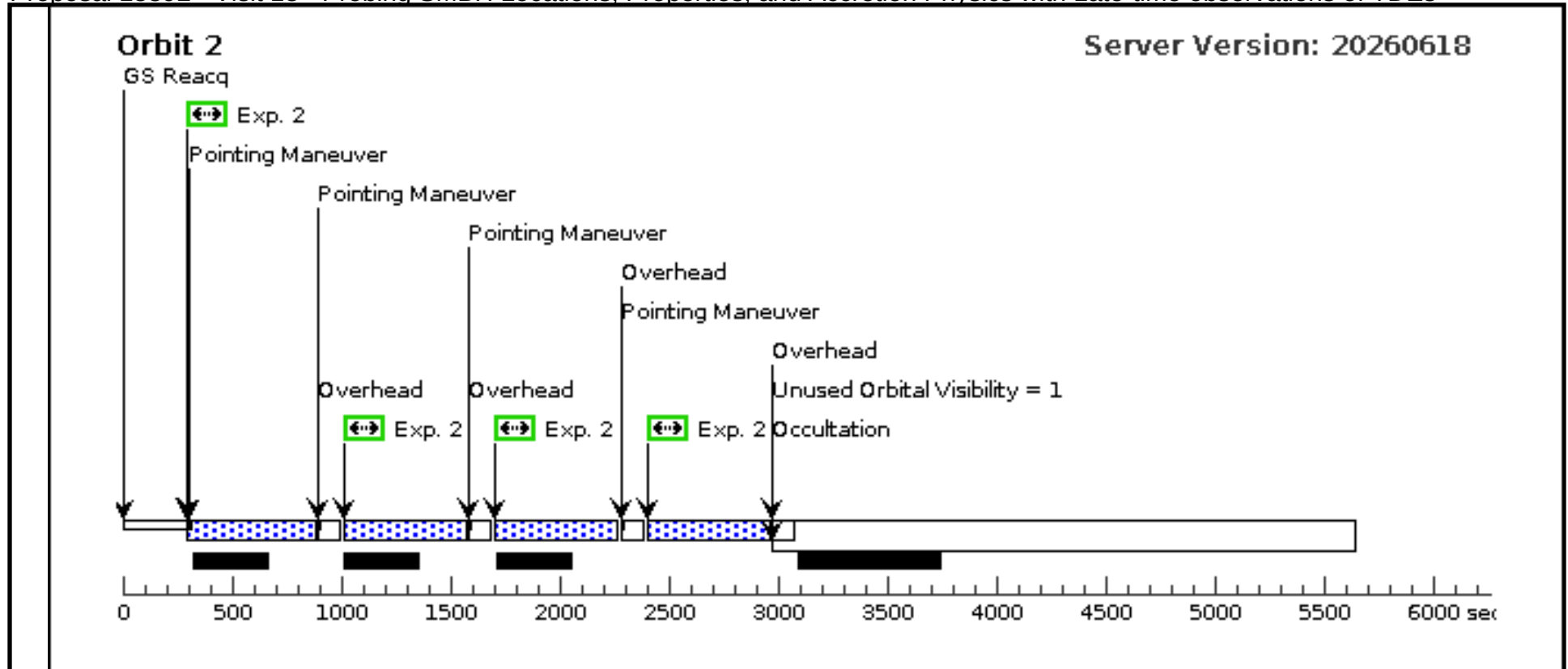




Proposal 18392 - Visit 13 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

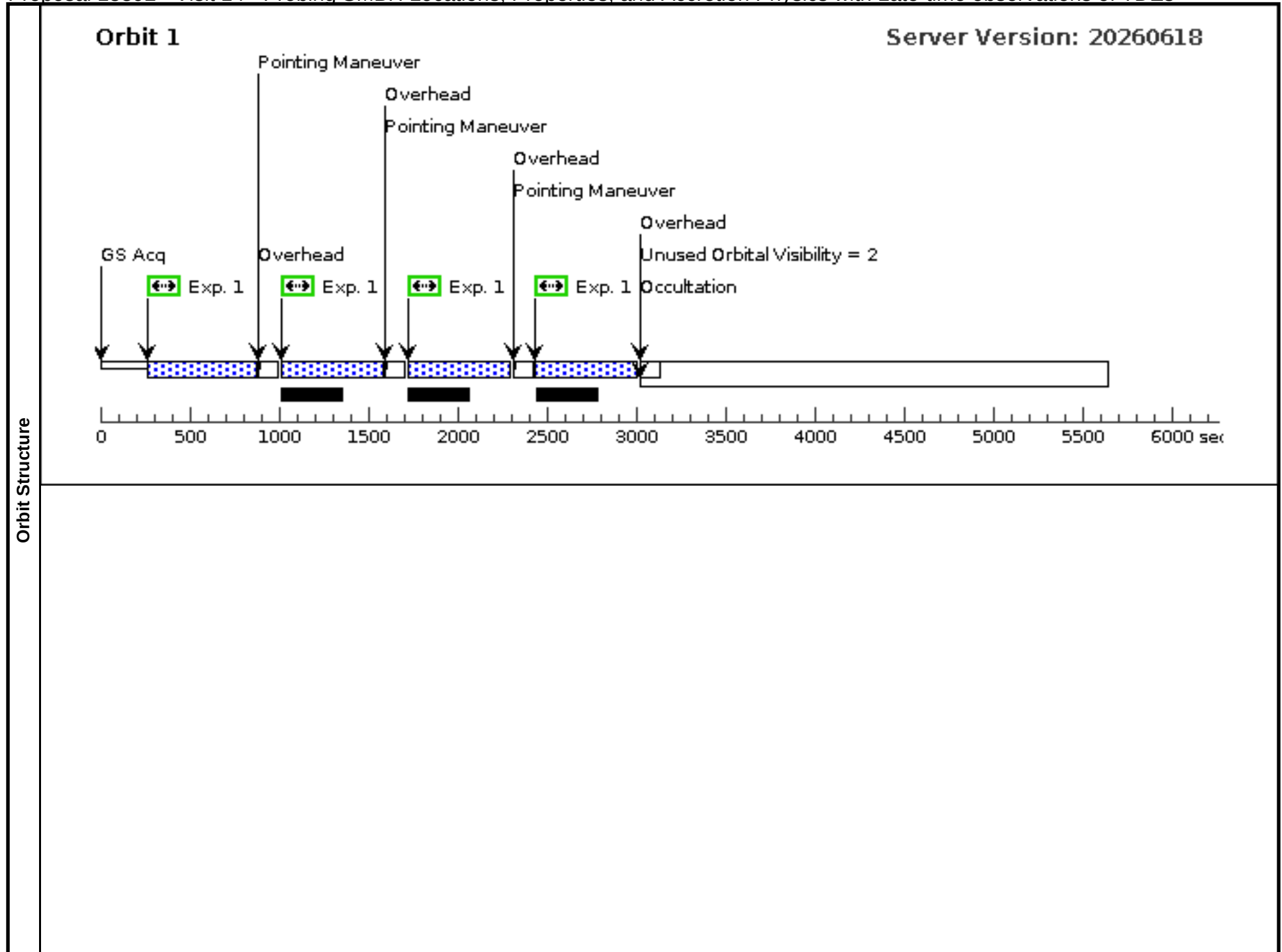
Visit	Proposal 18392, Visit 13										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(13)	2024BGZ		RA: 09 44 4.7700 (146.0198750d) Dec: -04 12 4.93 (-4.20137d) Equinox: J2000				V=(?) 15.97 in Pan-STARRS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(13) 2024BGZ	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 13 (1)	564 Secs (2256 Secs)		
										[==>(Pattern 1)]		[1]
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
	[==>(Pattern 4)]											
2		(13) 2024BGZ	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 13 (1)	564 Secs (2256 Secs)			
									[==>(Pattern 1)]		[2]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												

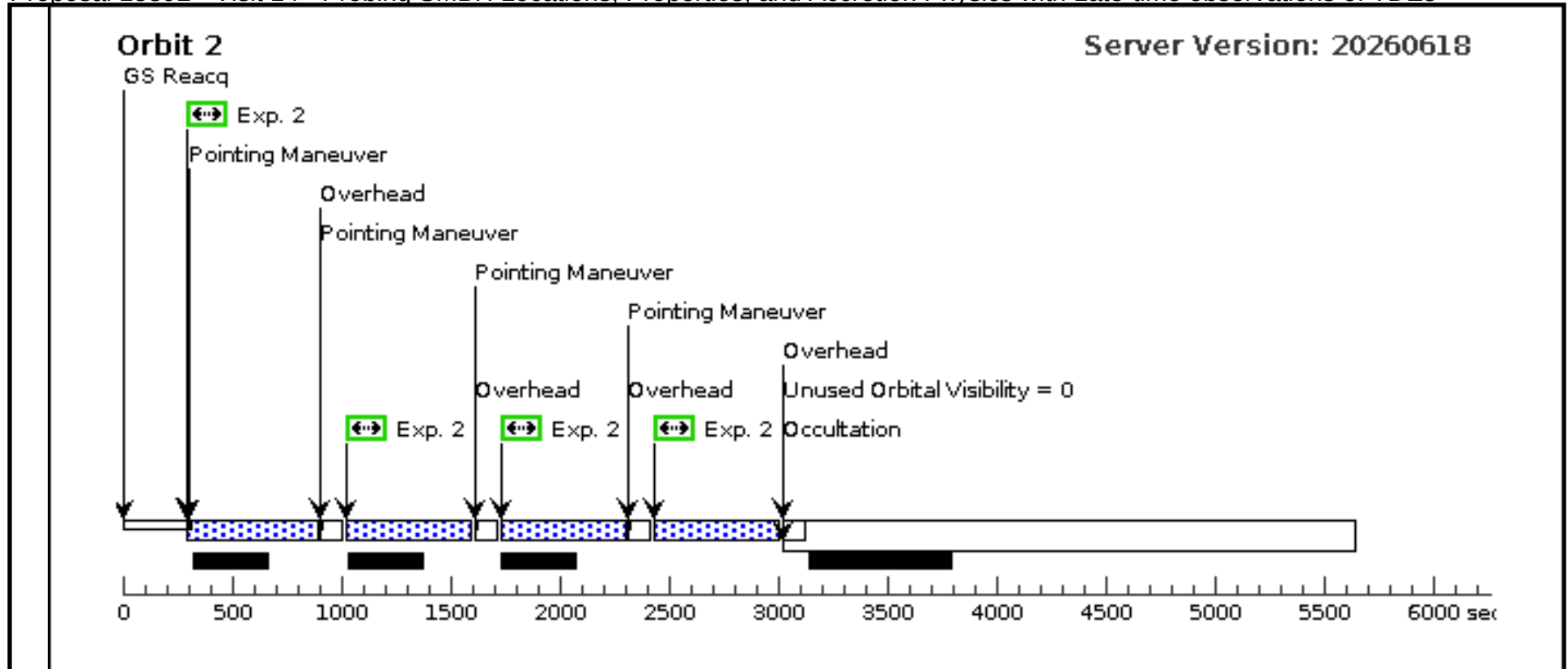




Proposal 18392 - Visit 14 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

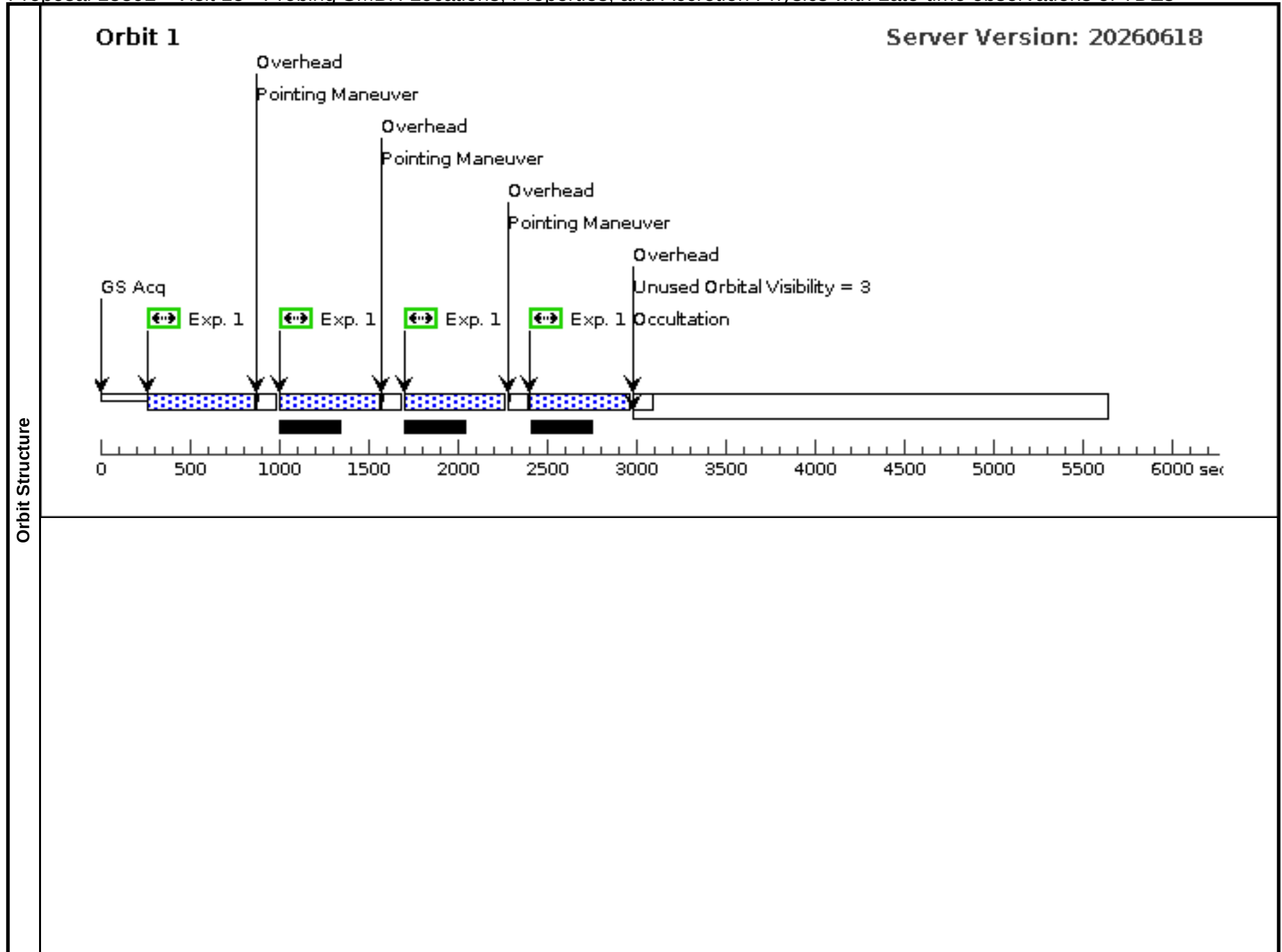
Visit	Proposal 18392, Visit 14										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(14)	2021SDU		RA: 01 11 23.9239 (17.8496829d) Dec: +50 34 29.67 (50.57491d) Equinox: J2000				V=(?) 16.91 in Pan-STARRS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(14) 2021SDU	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 14 (1)	576 Secs (2304 Secs)		[1]
										[==>(Pattern 1)]		
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
	[==>(Pattern 4)]											
2		(14) 2021SDU	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 14 (1)	576 Secs (2304 Secs)		[2]	
									[==>(Pattern 1)]			
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												

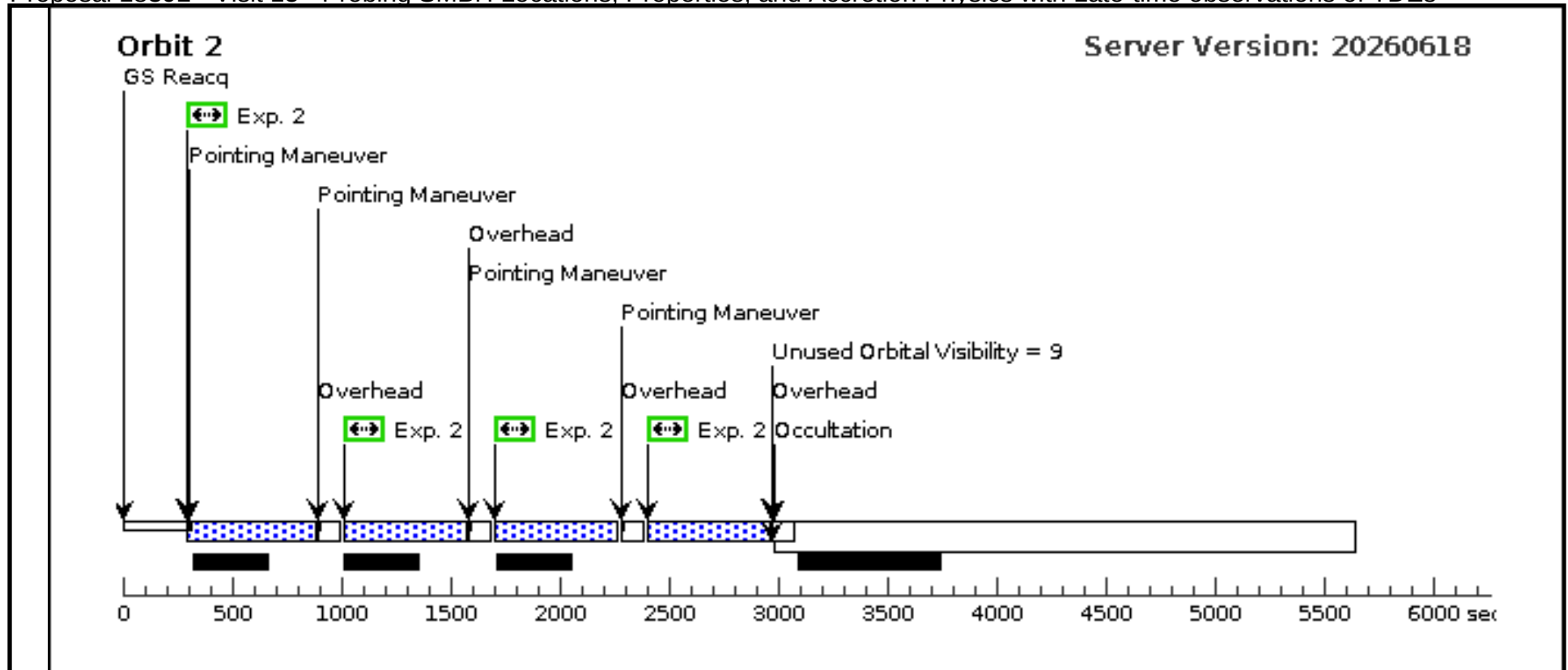




Proposal 18392 - Visit 15 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

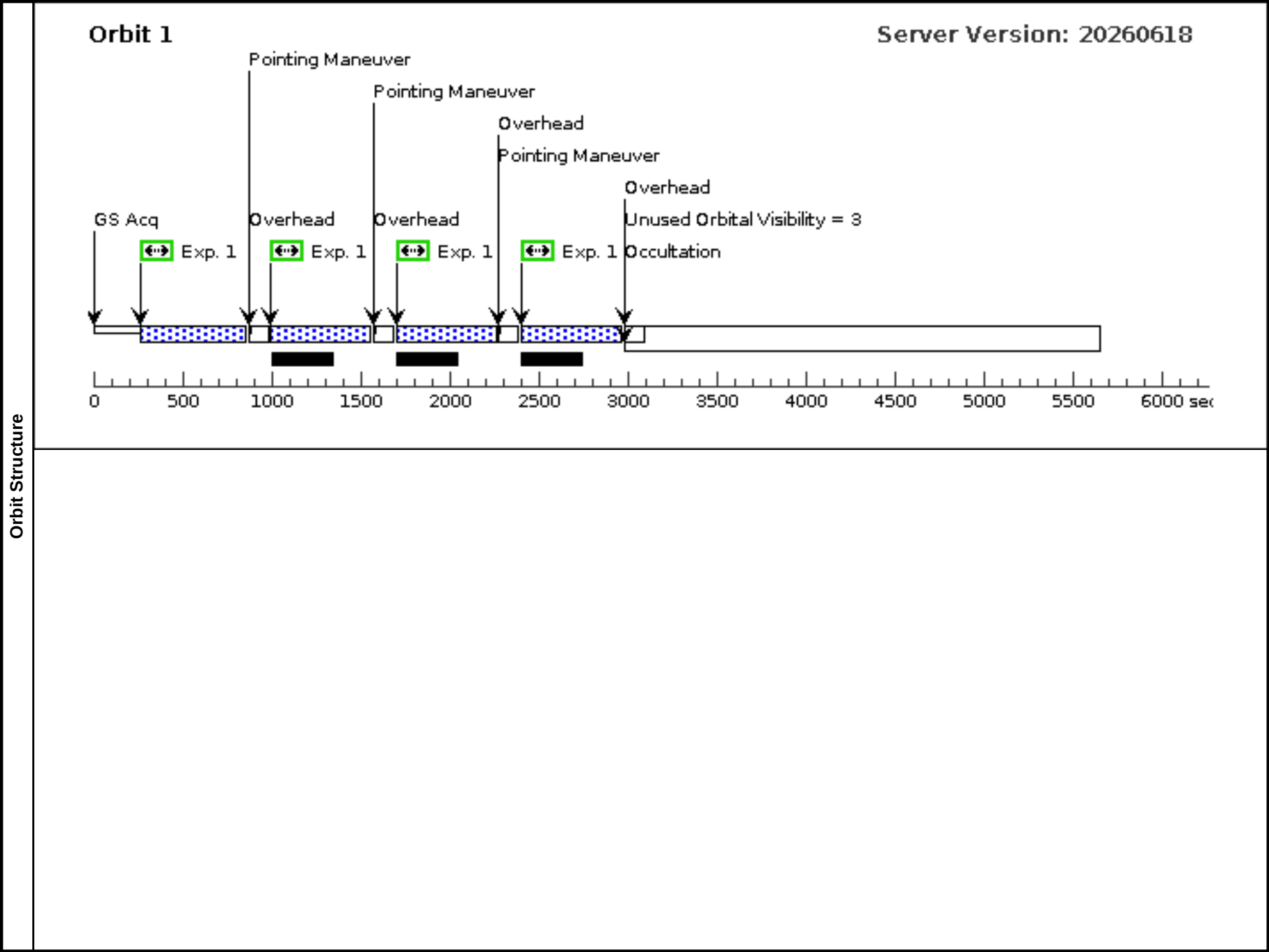
Visit	Proposal 18392, Visit 15										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(15)	2023WDB		RA: 18 25 20.9153 (276.3371471d) Dec: +30 11 21.46 (30.18929d) Equinox: J2000				V=(?) 17.83 in Pan-STARRS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(15) 2023WDB	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 15 (1)	566 Secs (2264 Secs)		
										[==>(Pattern 1)]		[1]
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
	[==>(Pattern 4)]											
2		(15) 2023WDB	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 15 (1)	564 Secs (2256 Secs)			
									[==>(Pattern 1)]		[2]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												

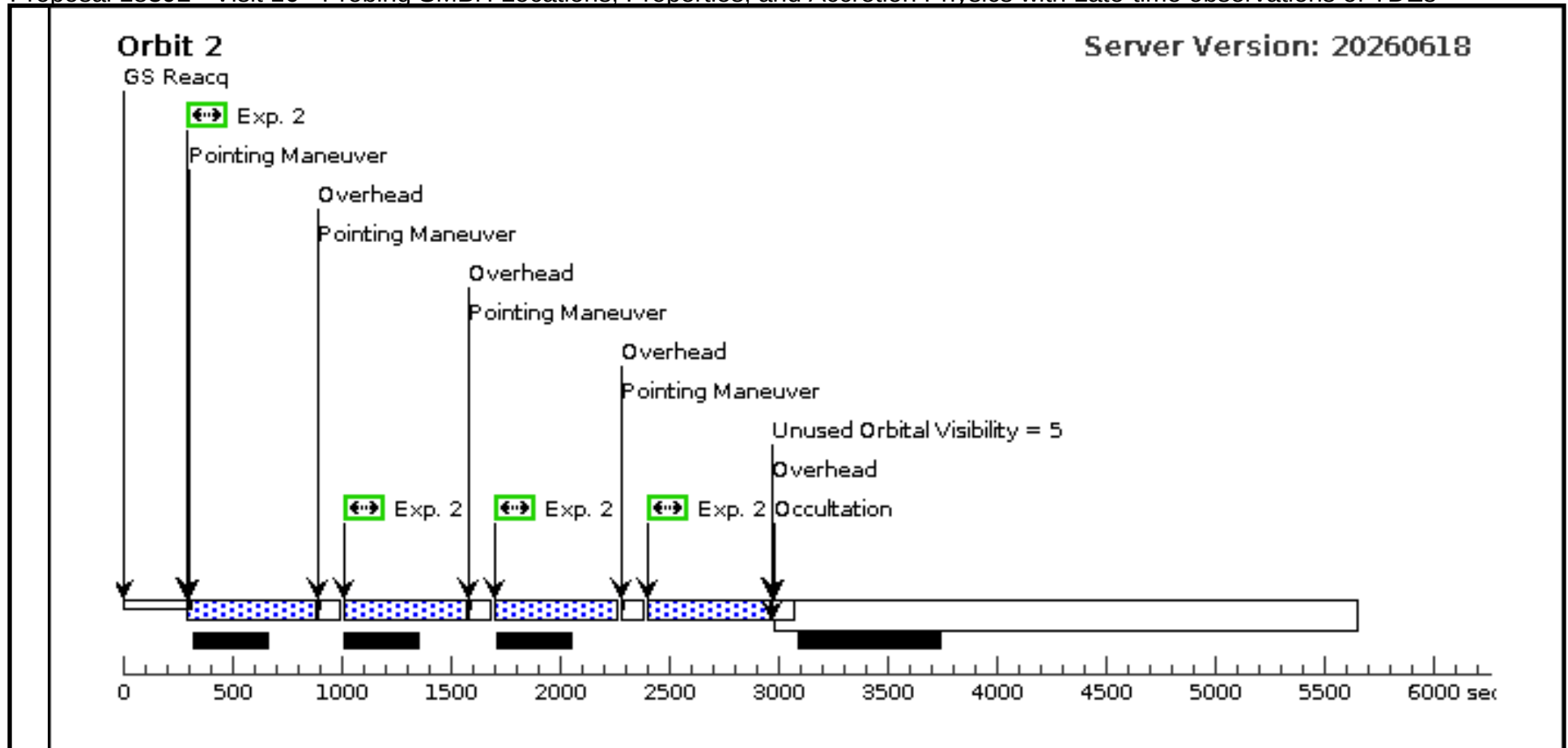




Proposal 18392 - Visit 16 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

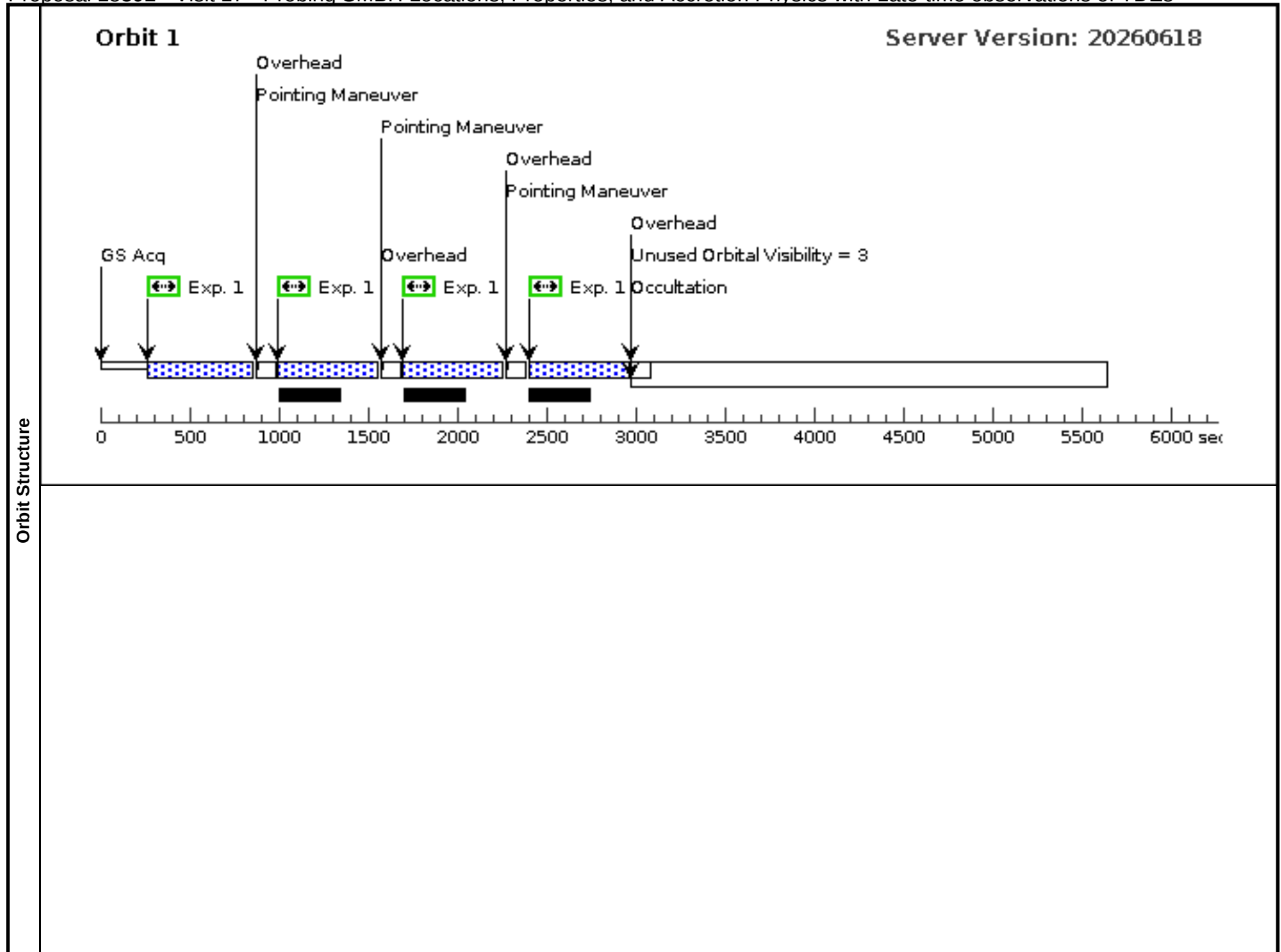
Visit	Proposal 18392, Visit 16										Mon Aug 17 16:01:39 GMT 2026		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: (none)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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			
	(16)	2022ADM		RA: 14 27 51.4399 (216.9643329d) Dec: +28 10 29.03 (28.17473d) Equinox: J2000				V=(?) 17.74 in SDSS-r		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[NUCLEUS]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(16) 2022ADM	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 in Visit 16 (1)	565 Secs (2260 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	
	2		(16) 2022ADM	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 in Visit 16 (1)	564 Secs (2256 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]	

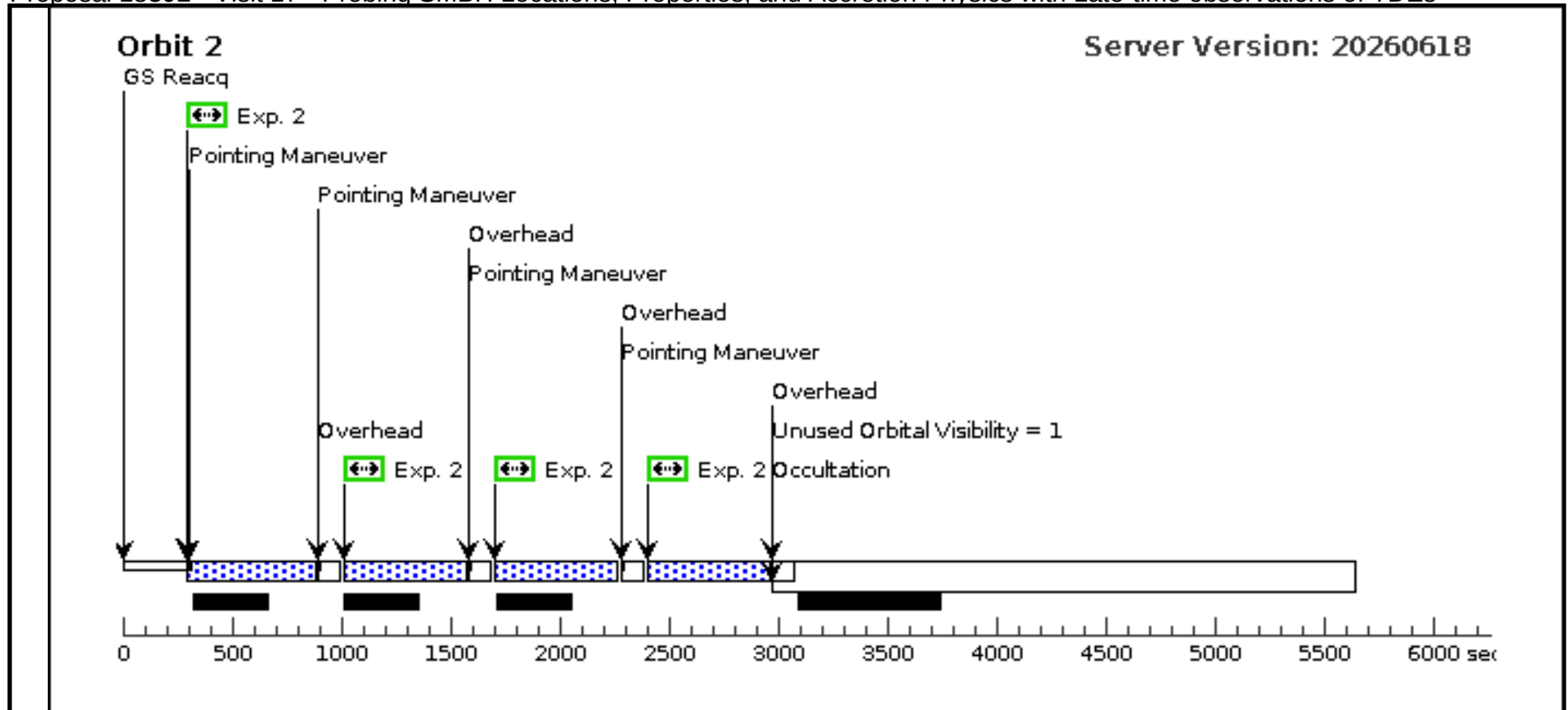




Proposal 18392 - Visit 17 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

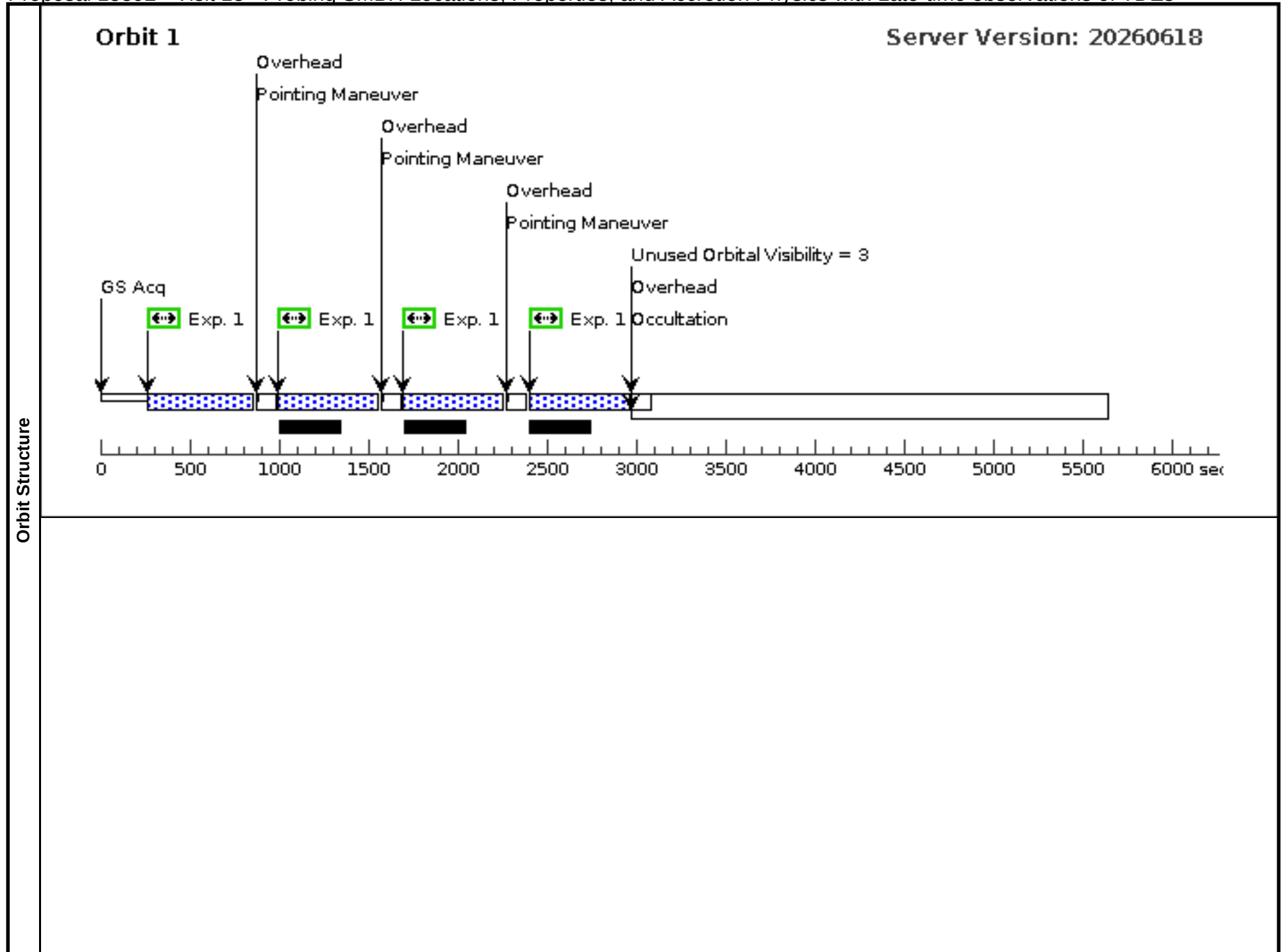
Visit	Proposal 18392, Visit 17										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(17)	2024YQO		RA: 08 11 12.4837 (122.8020154d) Dec: +20 22 49.44 (20.38040d) Equinox: J2000				V=(?) 15.56 in SDSS-r		Reference Frame: ICRS		
	Comments:											
	Category=GALAXY											
Description=[NUCLEUS]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(17) 2024YQO	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 17 (1)	564 Secs (2256 Secs)		
										[==>(Pattern 1)]		[1]
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
	[==>(Pattern 4)]											
2		(17) 2024YQO	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 17 (1)	564 Secs (2256 Secs)			
									[==>(Pattern 1)]		[2]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												

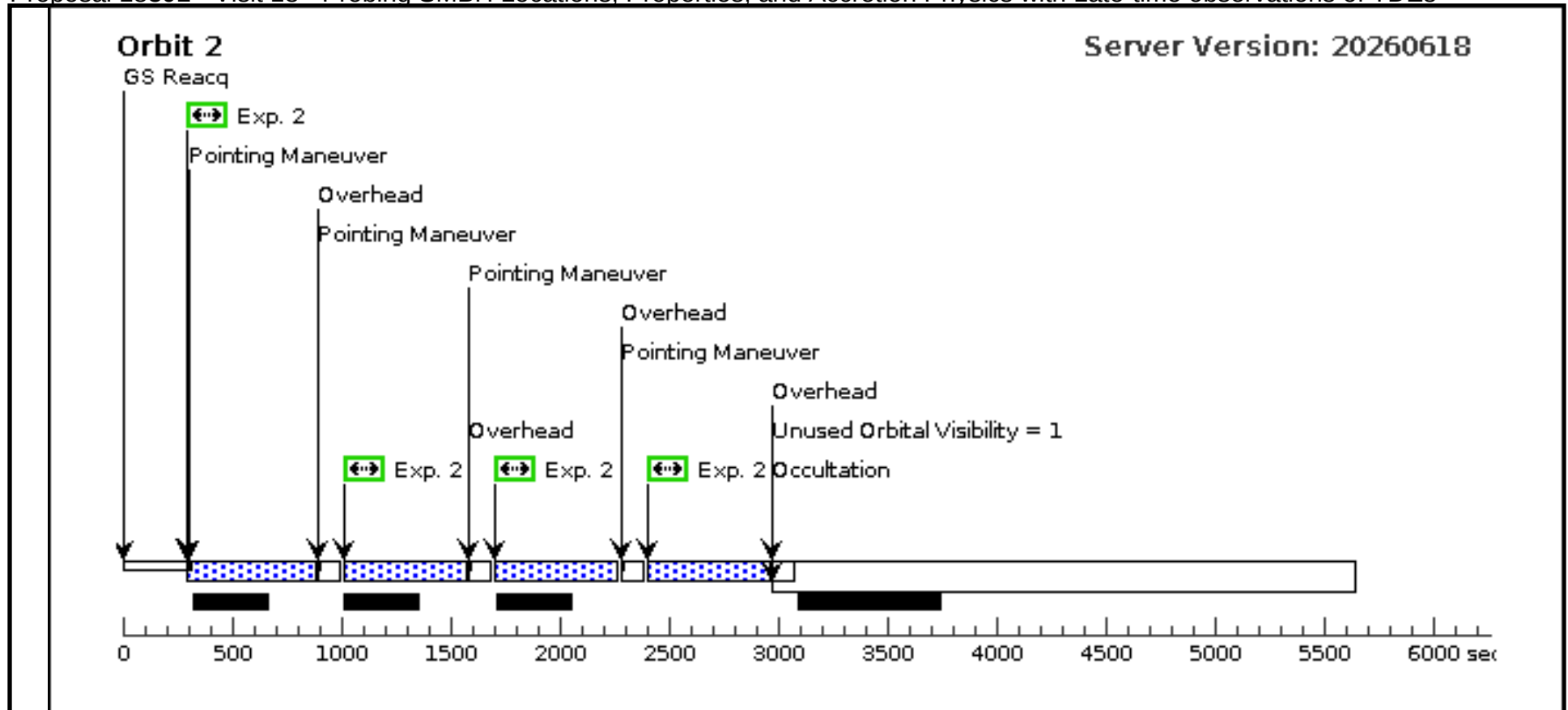




Proposal 18392 - Visit 18 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

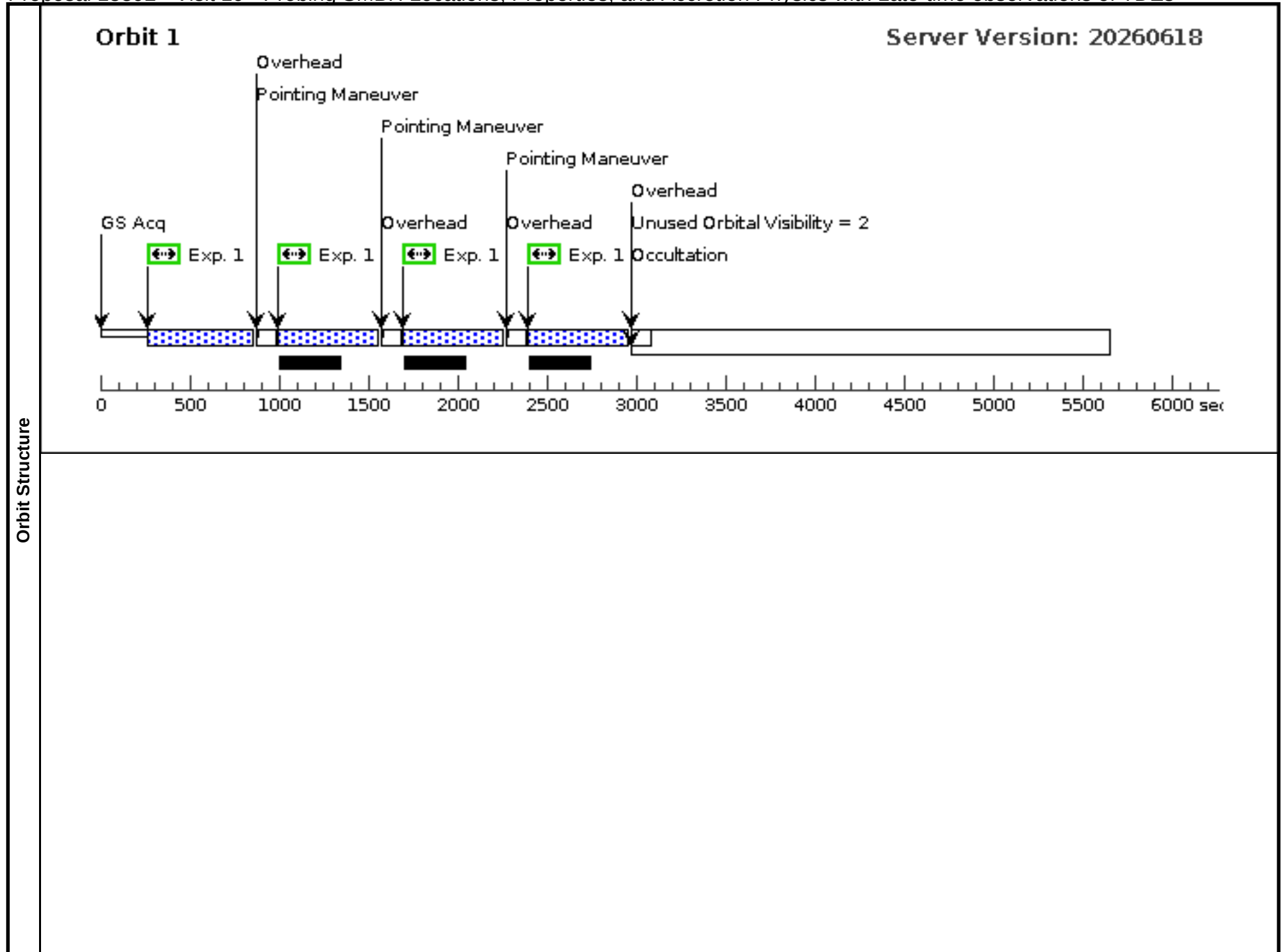
Visit	Proposal 18392, Visit 18										Mon Aug 17 16:01:39 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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)	2022ARB	RA: 10 24 10.3313 (156.0430471d) Dec: -00 49 22.79 (-.82300d) Equinox: J2000				V=(?) 18.38 in SDSS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(18) 2022ARB	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=15		Pattern 1, Exps 1-1 in Visit 18 (1)	564 Secs (2256 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(18) 2022ARB	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=1		Pattern 1, Exps 2-2 in Visit 18 (1)	564 Secs (2256 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

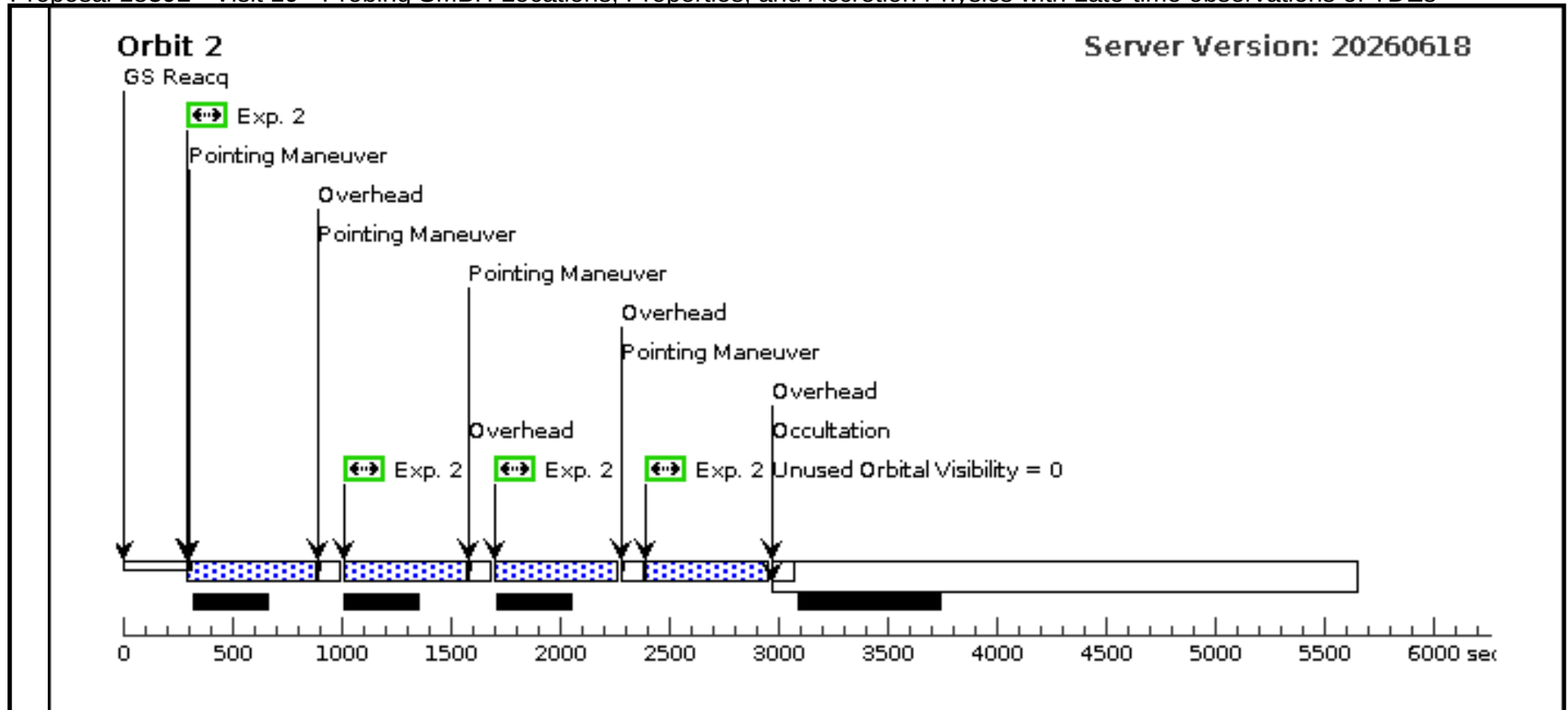




Proposal 18392 - Visit 19 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

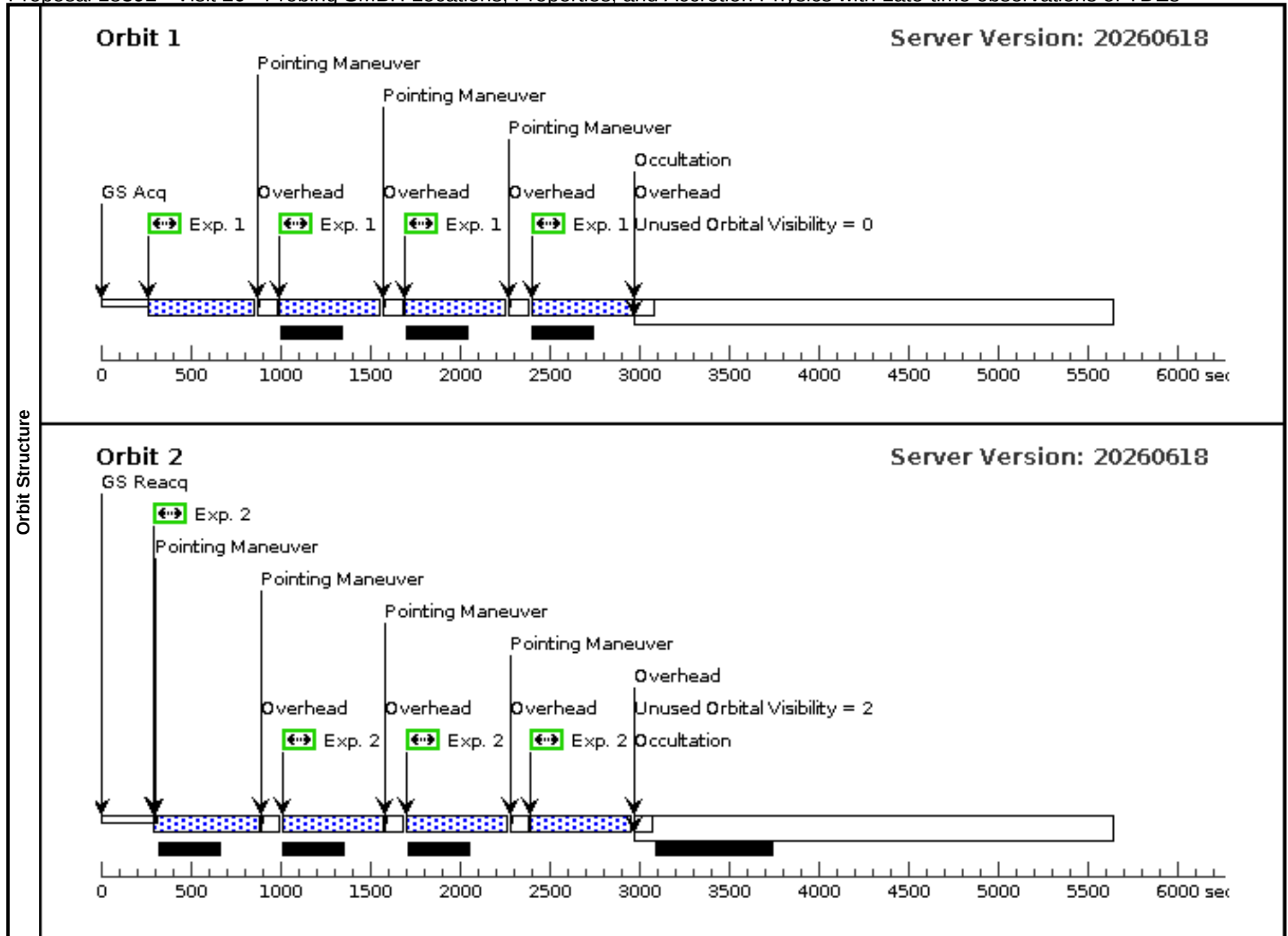
Visit	Proposal 18392, Visit 19										Mon Aug 17 16:01:39 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: (none)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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		
	(19)	2020NEH	RA: 15 21 20.0899 (230.3337079d) Dec: +14 04 10.52 (14.06959d) Equinox: J2000				V=(?) 17.59 in SDSS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(19) 2020NEH	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 19 (1)	563 Secs (2252 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(19) 2020NEH	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 19 (1)	563 Secs (2252 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]





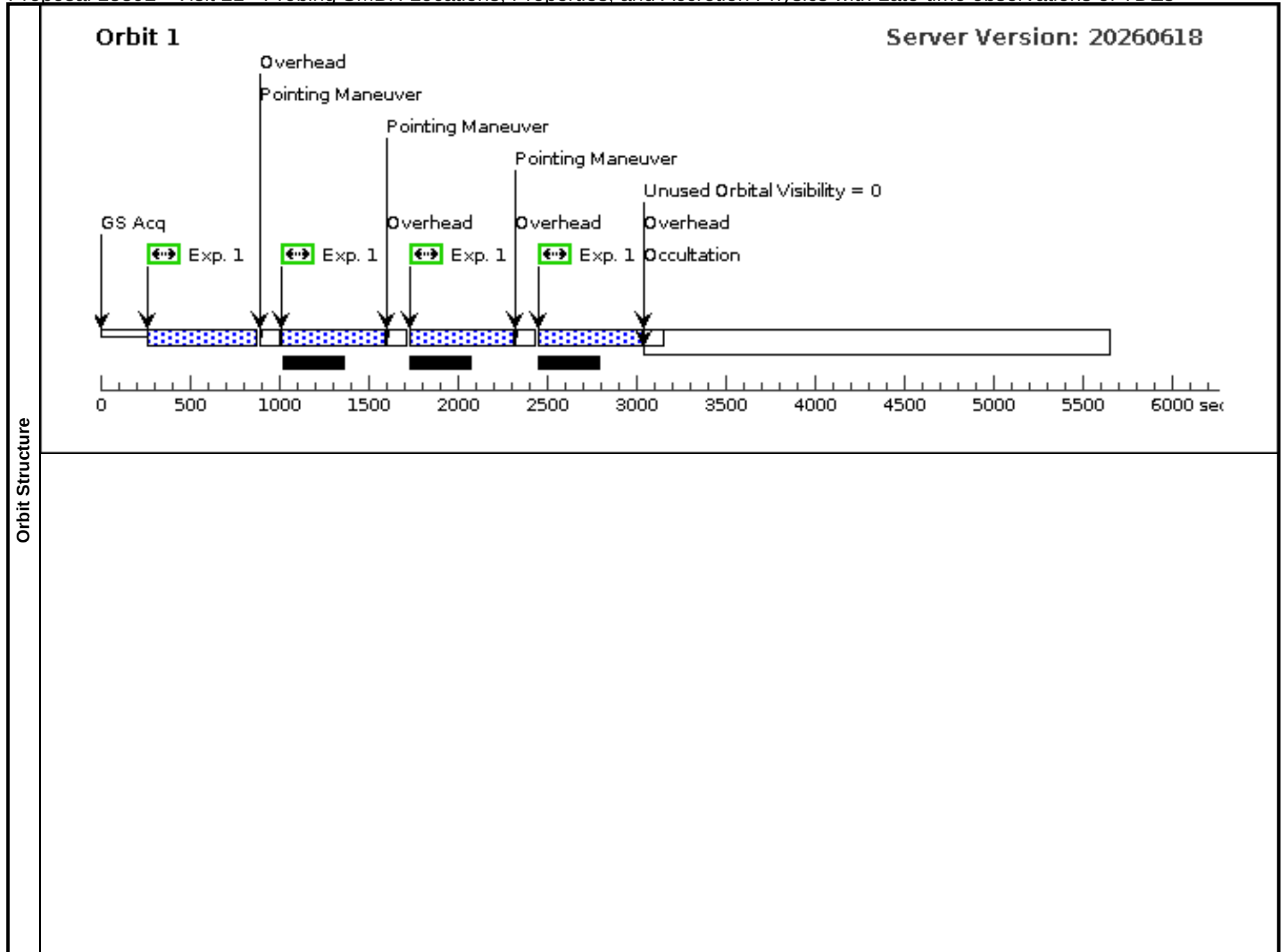
Proposal 18392 - Visit 20 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

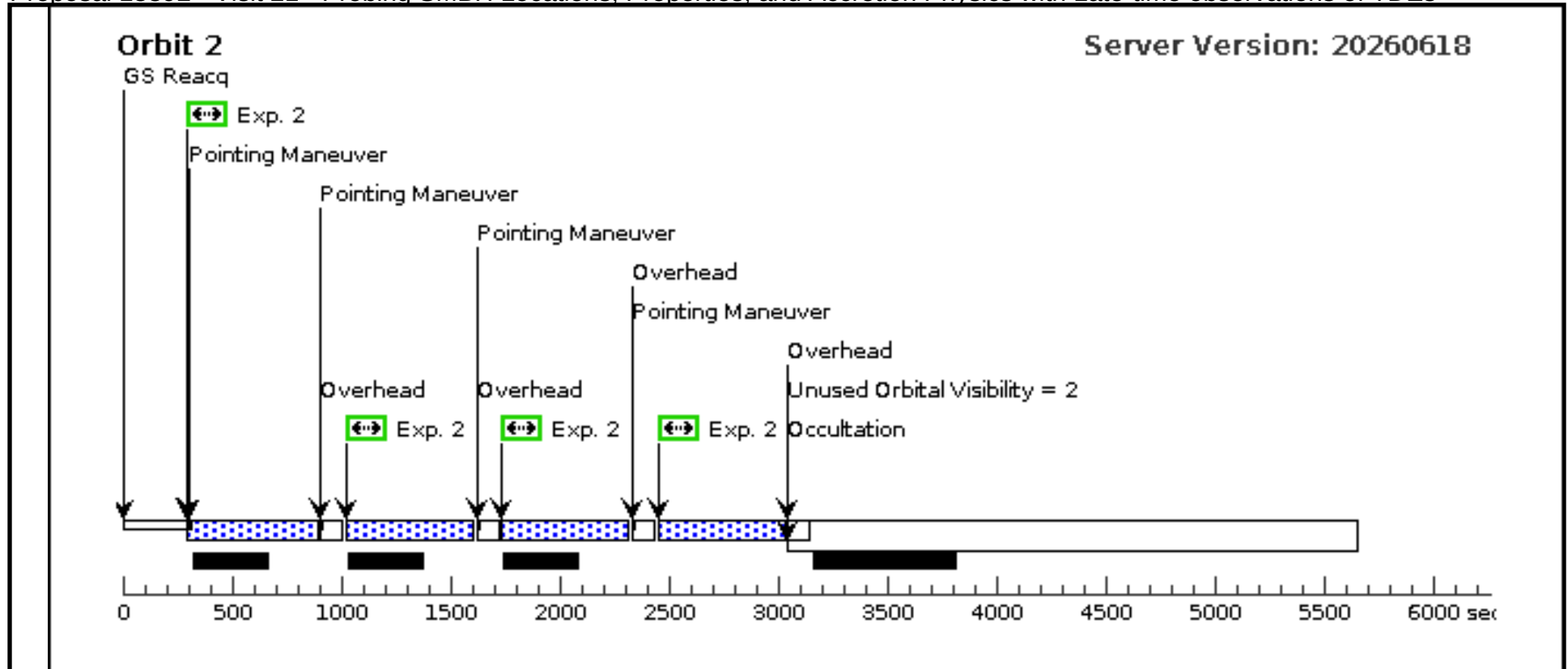
Visit	Proposal 18392, Visit 20										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(20)	2024WSD		RA: 05 26 38.3203 (81.6596679d) Dec: -17 54 54.68 (-17.91519d) Equinox: J2000				V=(?) 18.85 in Pan-STARRS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(20) 2024WSD	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 20 (1)	564 Secs (2256 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(20) 2024WSD	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 20 (1)	563 Secs (2252 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]



Proposal 18392 - Visit 21 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

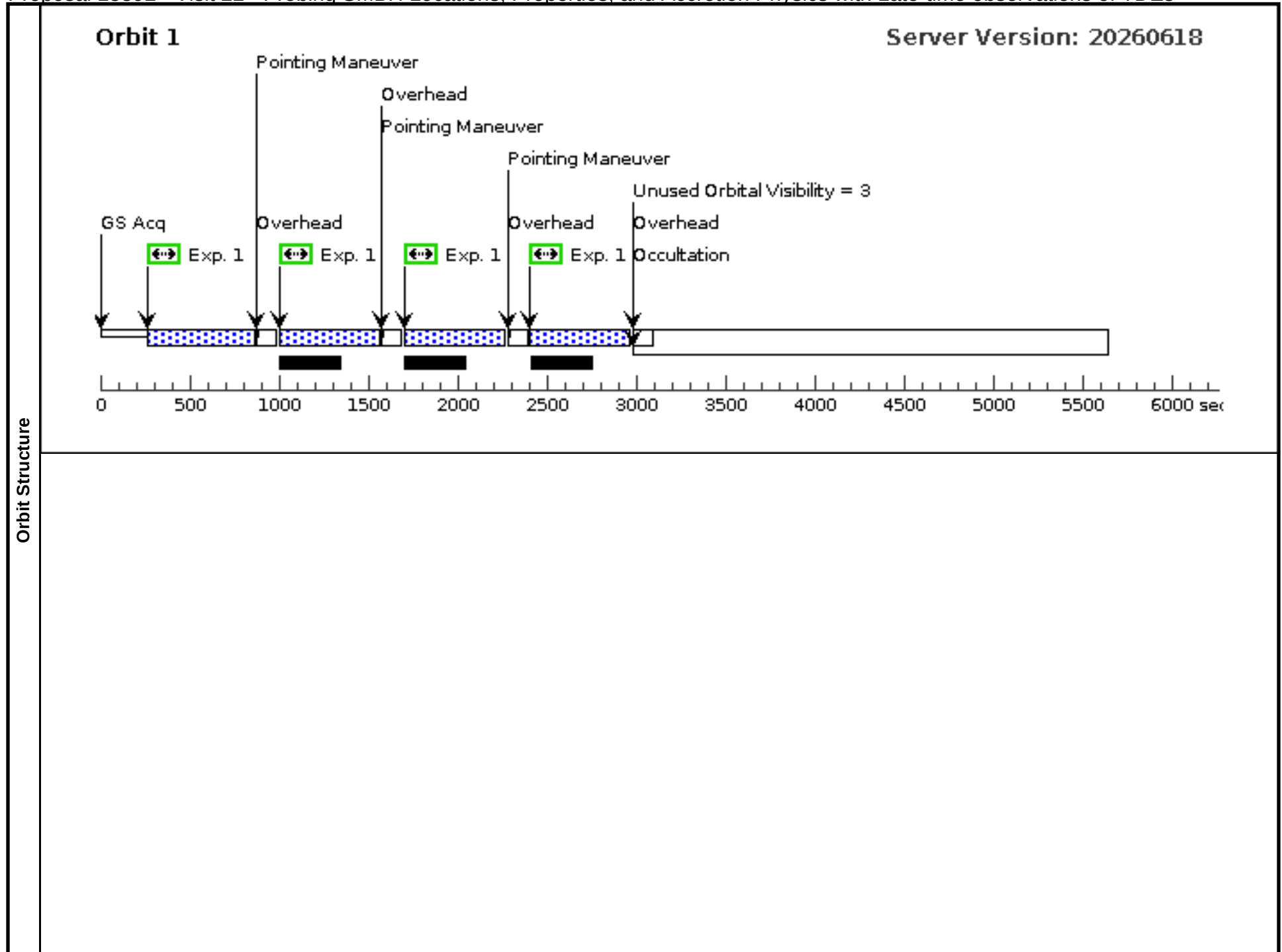
Visit	Proposal 18392, Visit 21										Mon Aug 17 16:01:39 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(21)	2020UKJ		RA: 07 31 34.2200 (112.8925833d) Dec: +57 16 28.81 (57.27467d) Equinox: J2000				V=(?) 16.84 in Pan-STARRS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(21) 2020UKJ	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 21 (1)	581 Secs (2324 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(21) 2020UKJ	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 21 (1)	580 Secs (2320 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

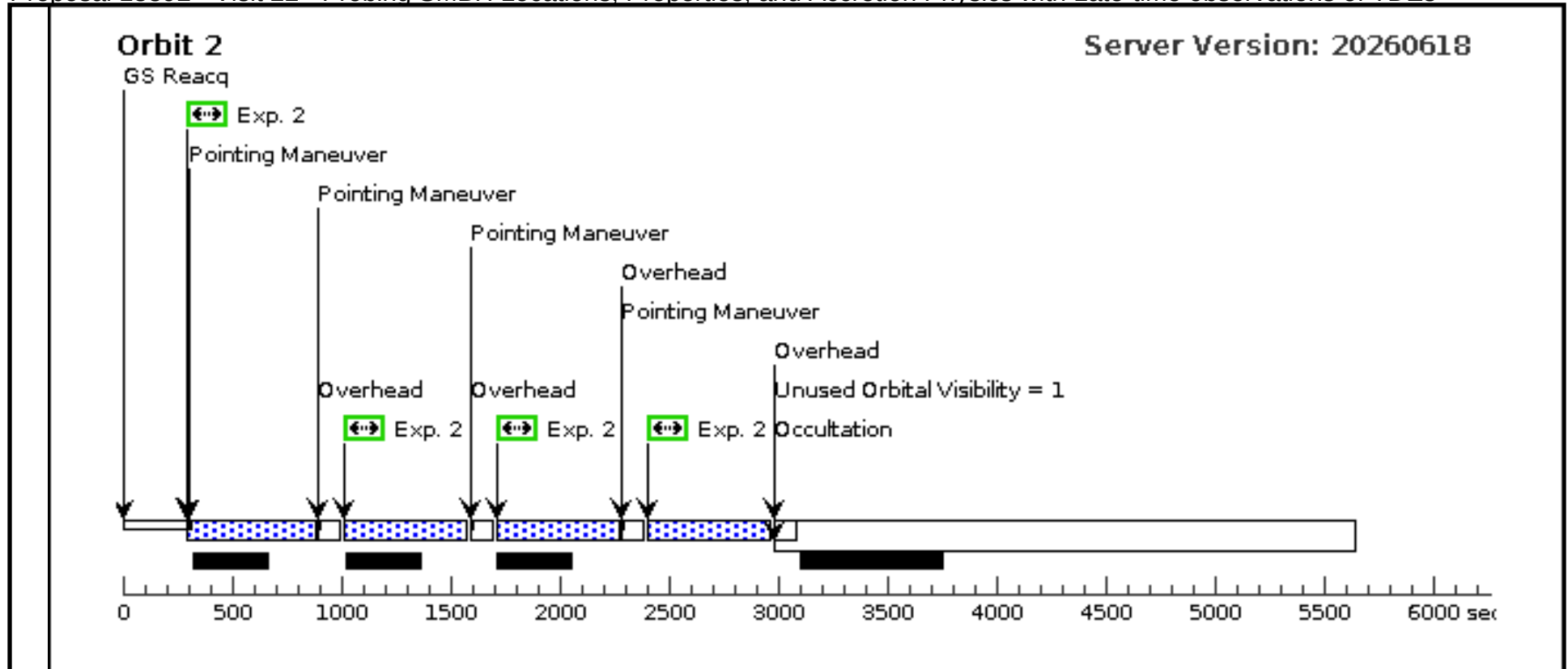




Proposal 18392 - Visit 22 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

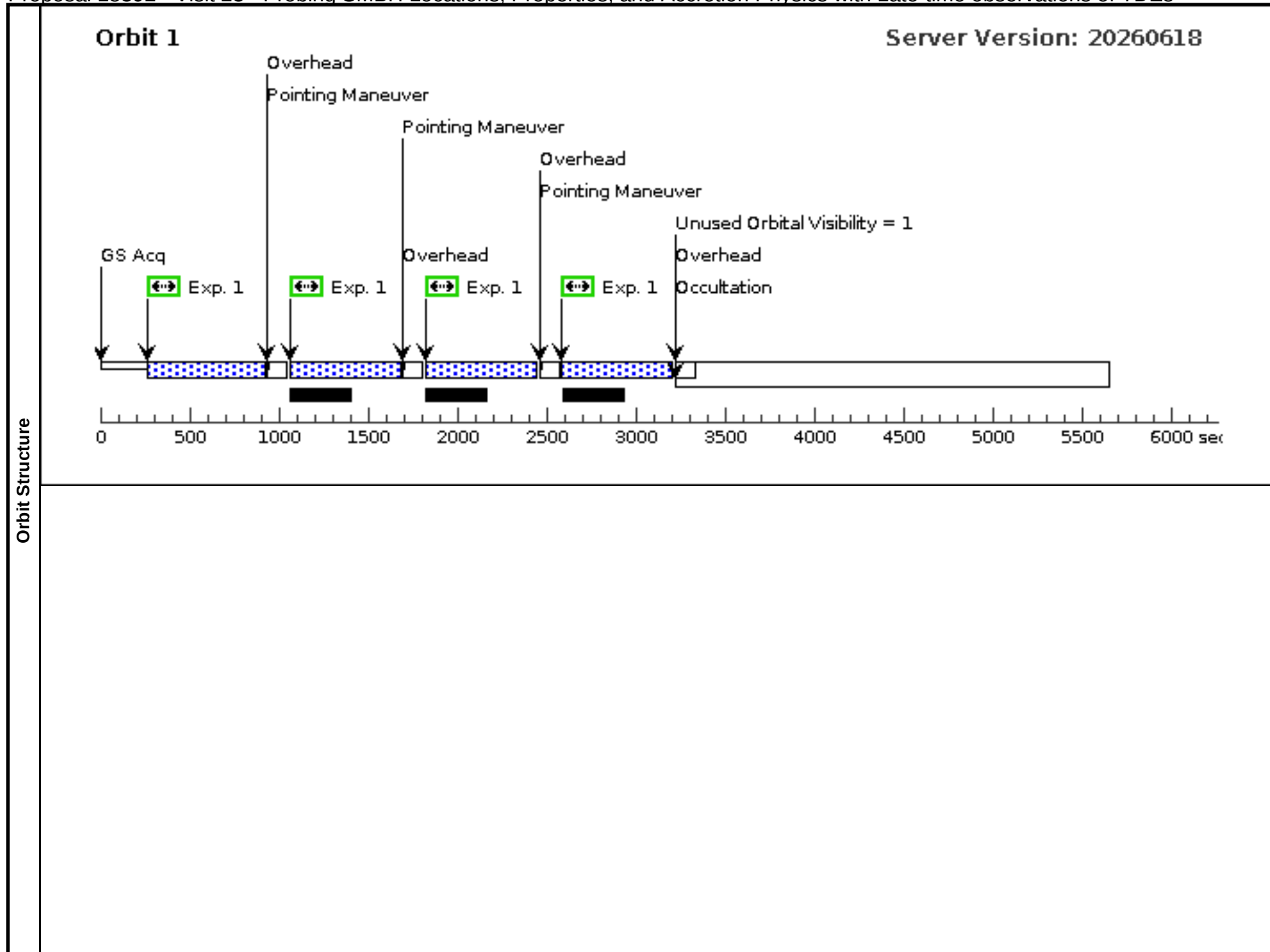
Visit	Proposal 18392, Visit 22										Mon Aug 17 16:01:39 GMT 2026		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: (none)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=23.884 Purpose=DITHER Angle Between Sides=81.785 Number Of Points=4 Center Pattern=false Point Spacing=0.173 Line Spacing=0.112										(1), (2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(22)	2020PJ		RA: 15 31 34.9603 (232.8956679d) Dec: +33 05 41.47 (33.09485d) Equinox: J2000				V=(?) 17.70 in SDSS-r		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[NUCLEUS]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(22) 2020PJ	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 in Visit 22 (1)	566 Secs (2264 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	
	2		(22) 2020PJ	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 in Visit 22 (1)	566 Secs (2264 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]	

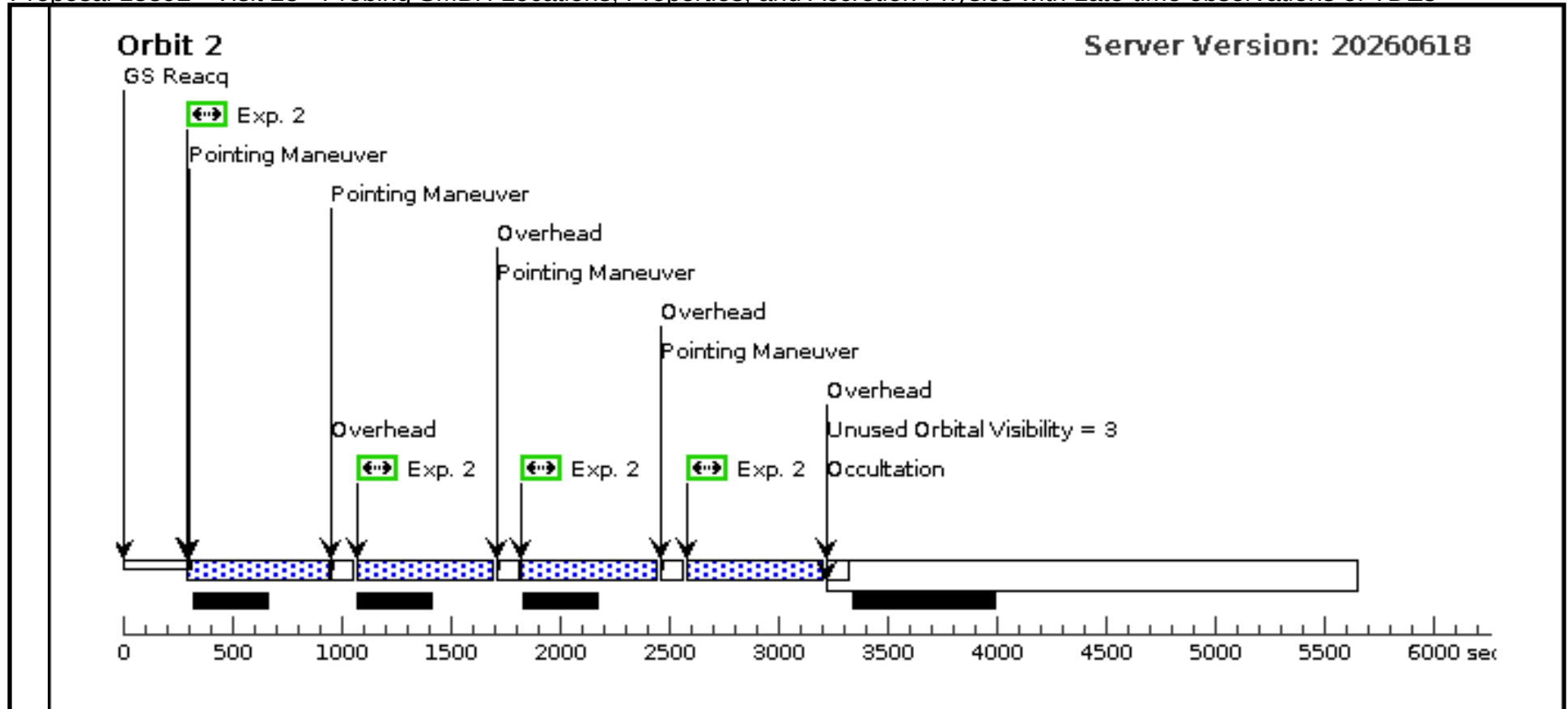




Proposal 18392 - Visit 23 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

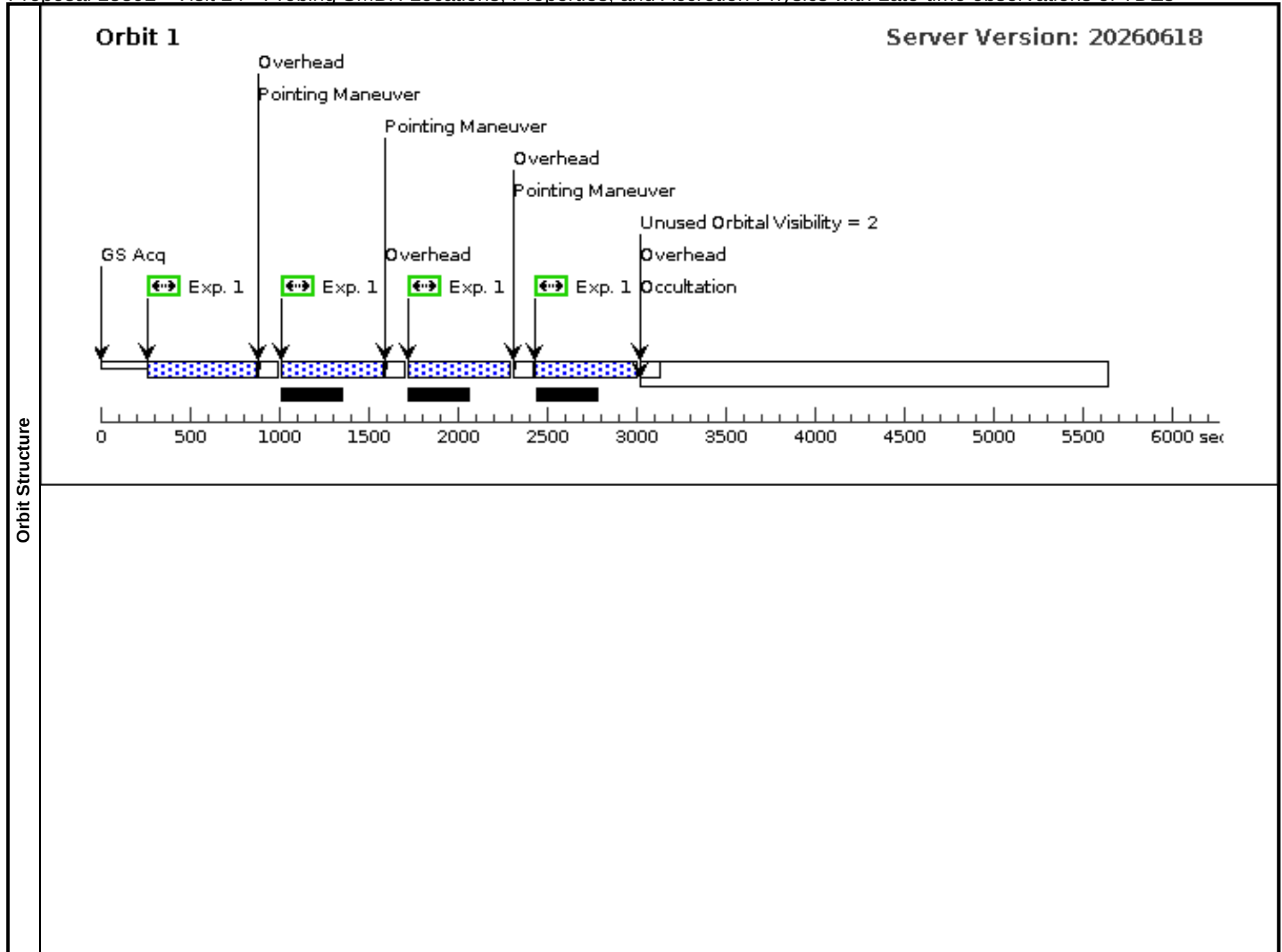
Visit	Proposal 18392, Visit 23										Mon Aug 17 16:01:39 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: (none)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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		
	(23)	2020MOT	RA: 00 31 13.5600 (7.8065000d) Dec: +85 00 31.90 (85.00886d) Equinox: J2000				V=(?) 17.25 in Pan-STARRS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(23) 2020MOT	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 23 (1)	626 Secs (2504 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(23) 2020MOT	WFC3/UVIS, ACCUM, UVIS2	F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 23 (1)	625 Secs (2500 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

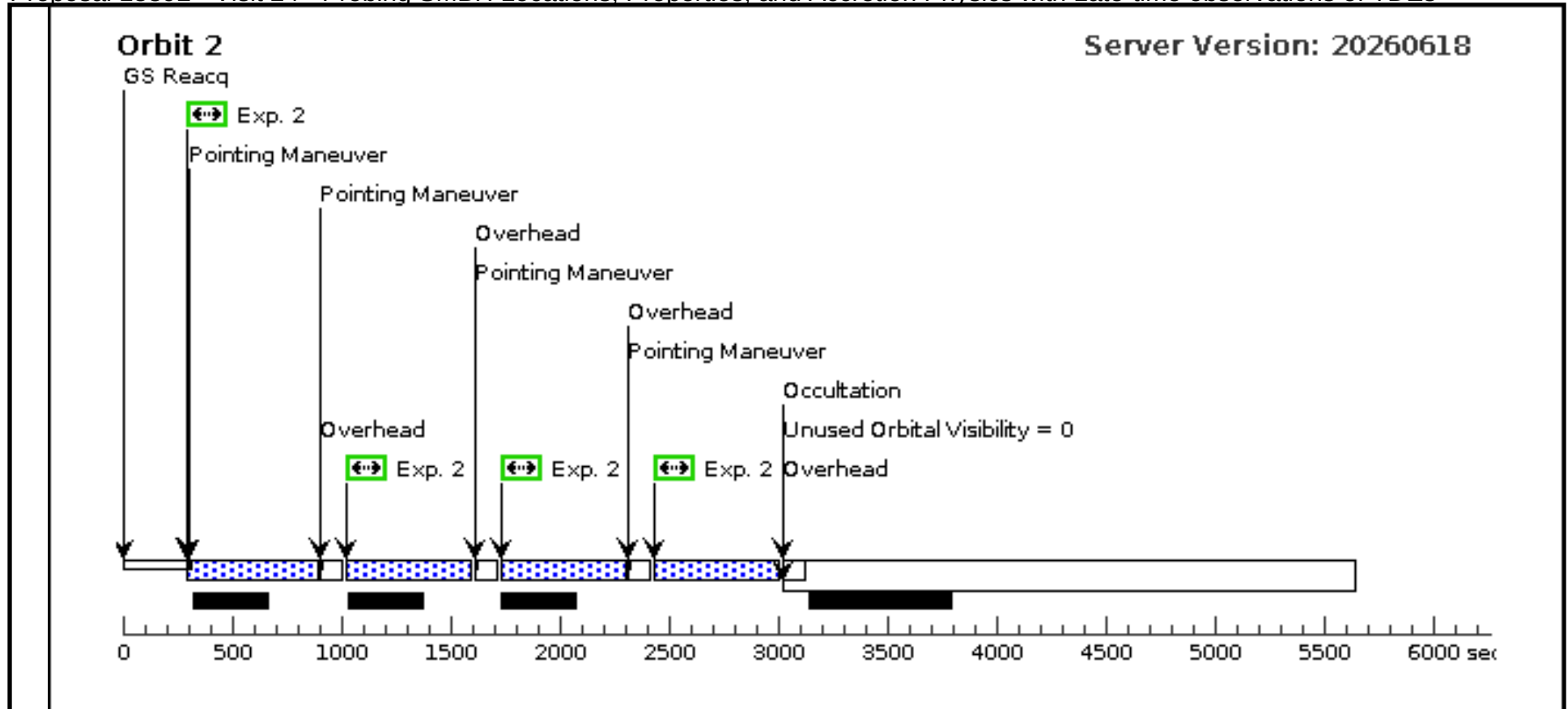




Proposal 18392 - Visit 24 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

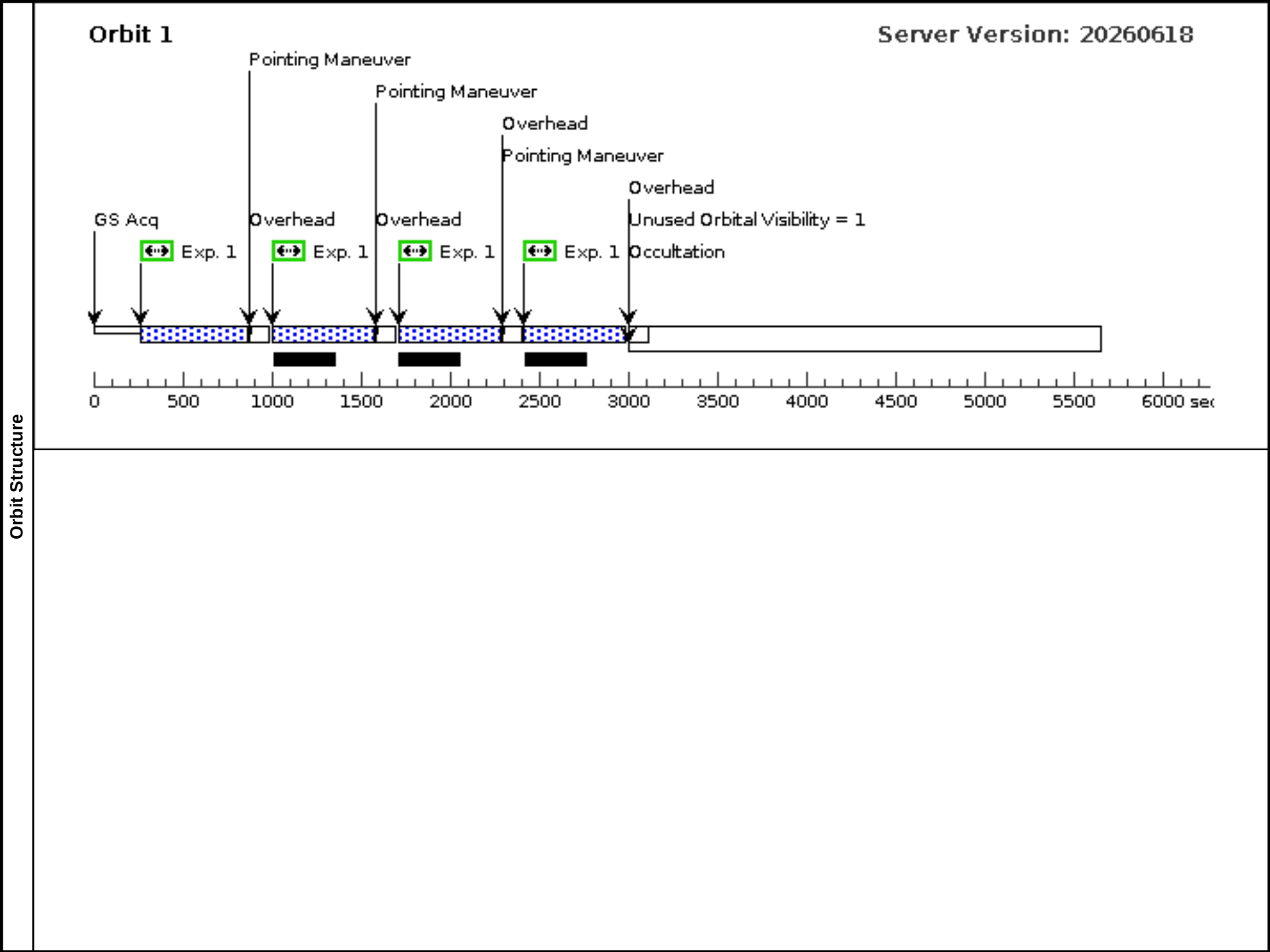
Visit	Proposal 18392, Visit 24										Mon Aug 17 16:01:39 GMT 2026		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: (none)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=23.884 Purpose=DITHER Angle Between Sides=81.785 Number Of Points=4 Center Pattern=false Point Spacing=0.173 Line Spacing=0.112										(1), (2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(24)	2020OCN		RA: 13 53 53.8010 (208.4741708d) Dec: +53 59 49.73 (53.99715d) Equinox: J2000				V=(?) 17.46 in SDSS-r		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[NUCLEUS]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(24) 2020OCN	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 in Visit 24 (1)	576 Secs (2304 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	
	2		(24) 2020OCN	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 in Visit 24 (1)	576 Secs (2304 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]	



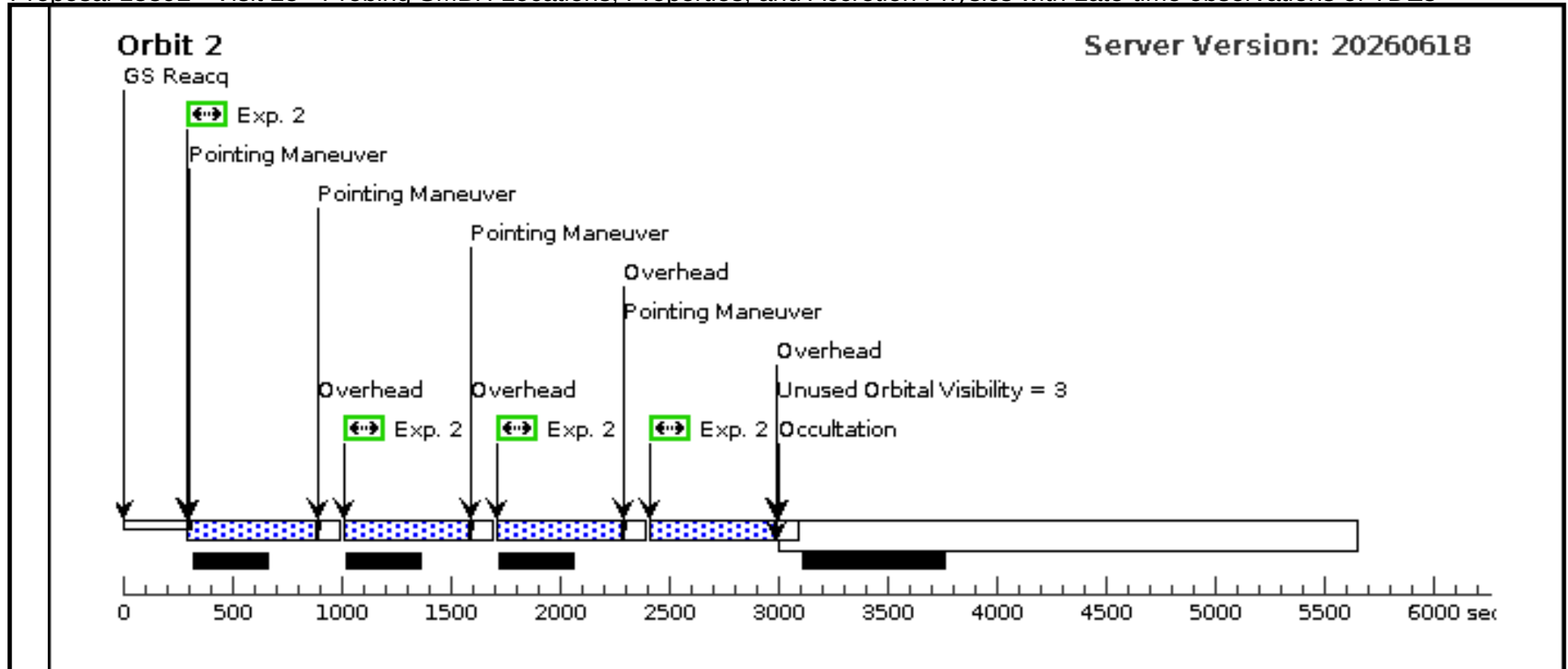


Proposal 18392 - Visit 25 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

Visit	Proposal 18392, Visit 25										Mon Aug 17 16:01:40 GMT 2026	
	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		
	(25)	2023CVB		RA: 19 14 25.6799 (288.6069996d) Dec: +41 40 9.28 (41.66924d) Equinox: J2000				V=(?) 16.71 in Pan-STARRS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(25) 2023CVB	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 25 (1)	570 Secs (2280 Secs)		
										[==>(Pattern 1)]		[1]
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
[==>(Pattern 4)]												
2		(25) 2023CVB	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 25 (1)	569 Secs (2276 Secs)			
									[==>(Pattern 1)]		[2]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												

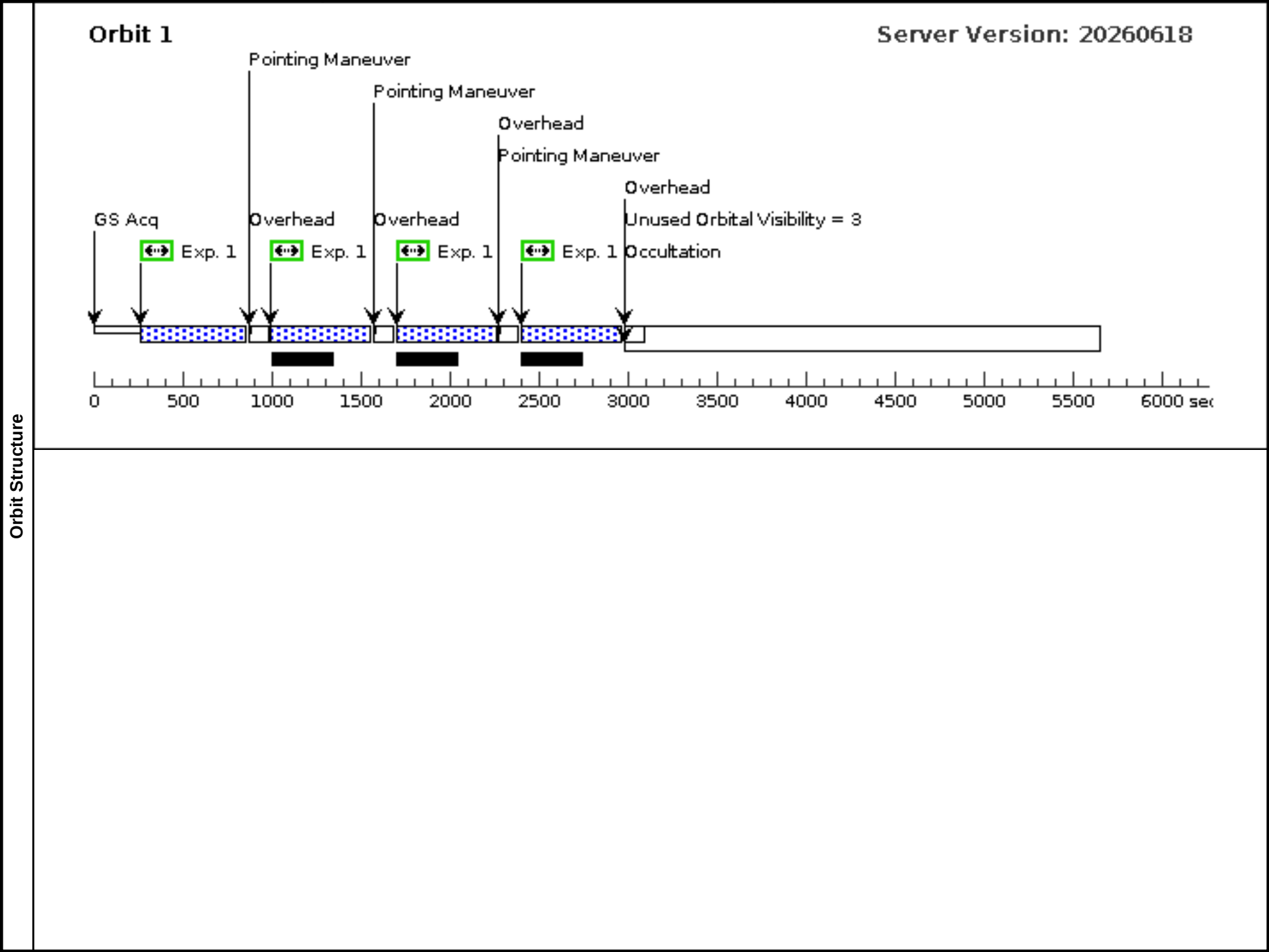


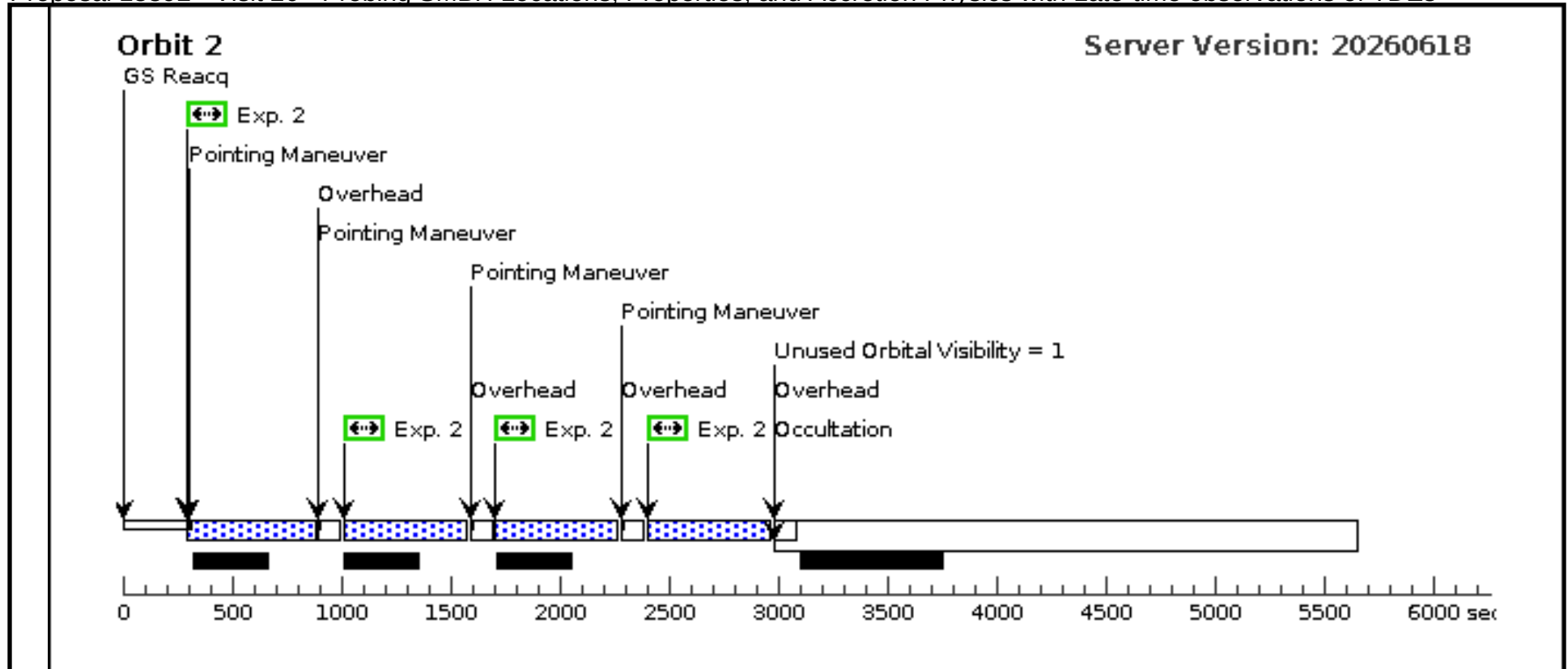
Orbit Structure



Proposal 18392 - Visit 26 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

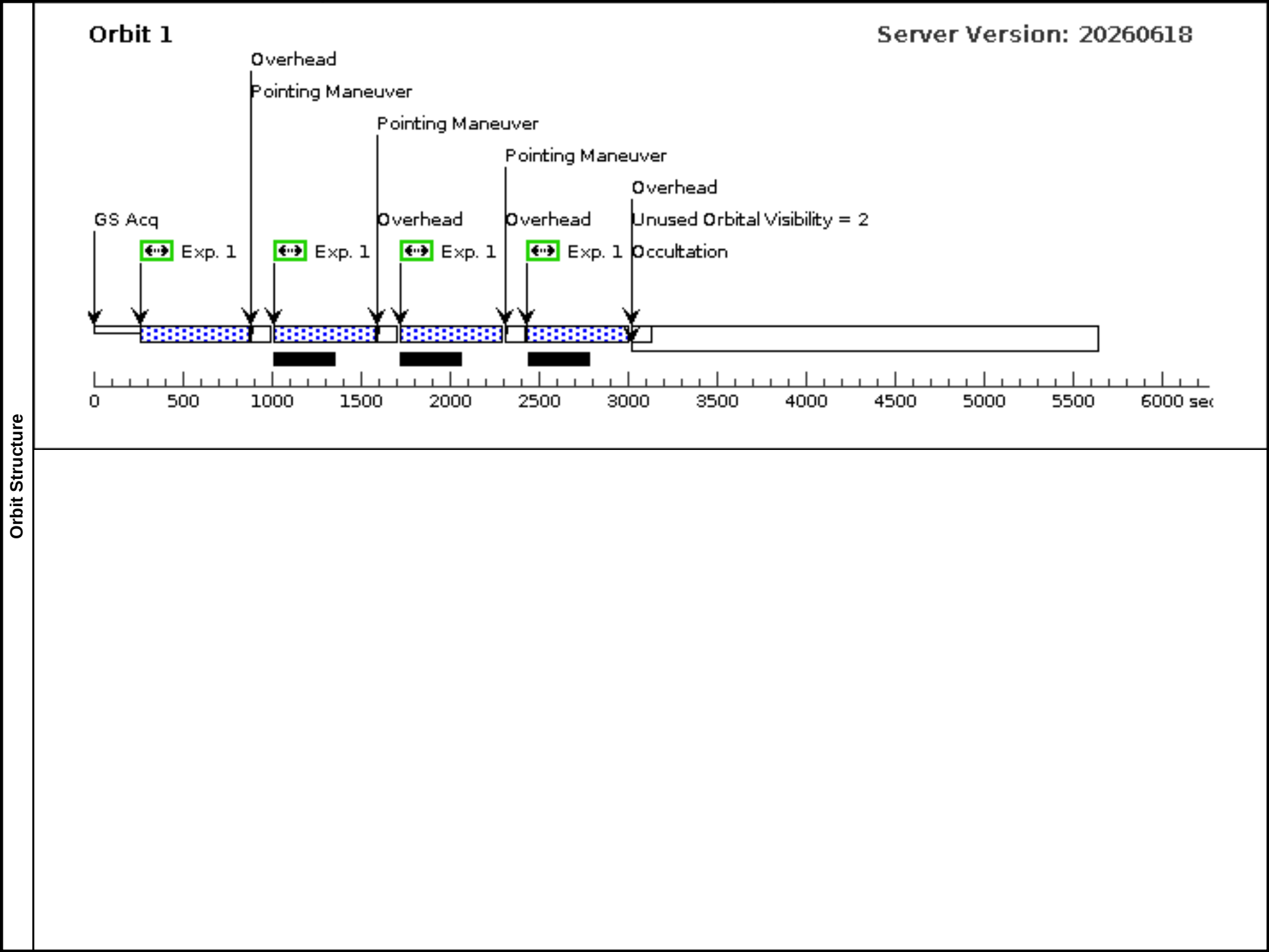
Visit	Proposal 18392, Visit 26										Mon Aug 17 16:01:40 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX 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		
	(26)	2022DYT		RA: 10 00 8.0084 (150.0333683d) Dec: +26 27 38.57 (26.46071d) Equinox: J2000				V=(?) 16.47 in SDSS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(26) 2022DYT	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 26 (1)	565 Secs (2260 Secs)		
										[==>(Pattern 1)]		[1]
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
	[==>(Pattern 4)]											
2		(26) 2022DYT	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 26 (1)	565 Secs (2260 Secs)			
									[==>(Pattern 1)]		[2]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												

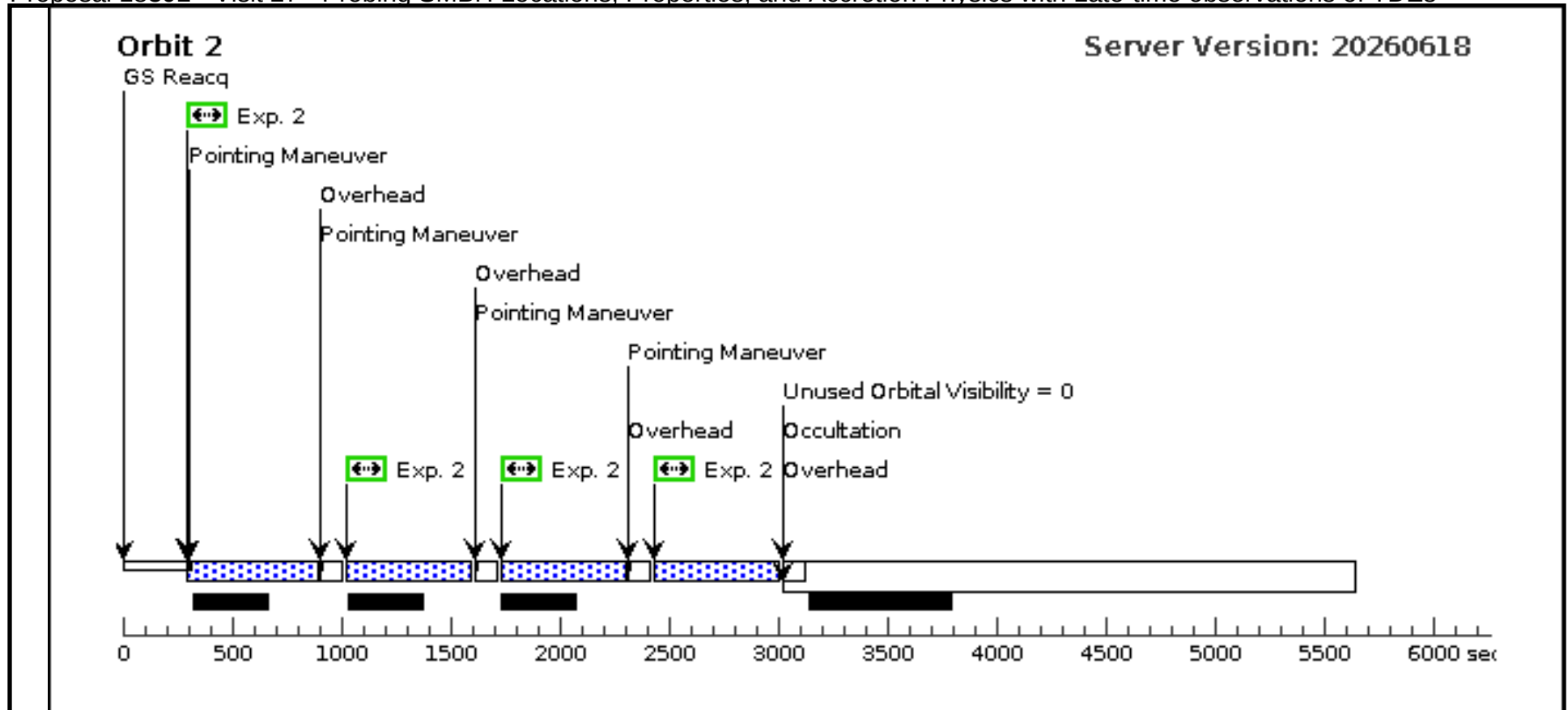




Proposal 18392 - Visit 27 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

Visit	Proposal 18392, Visit 27										Mon Aug 17 16:01:40 GMT 2026	
	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		
	(27)	2022FPX		RA: 15 31 3.7001 (232.7654171d) Dec: +53 24 19.26 (53.40535d) Equinox: J2000				V=(?) 17.89 in SDSS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(27) 2022FPX	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 27 (1)	576 Secs (2304 Secs)		
										[==>(Pattern 1)]		[1]
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
	[==>(Pattern 4)]											
2		(27) 2022FPX	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 27 (1)	576 Secs (2304 Secs)			
									[==>(Pattern 1)]		[2]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												





Proposal 18392 - Visit 28 - Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs

Visit	Proposal 18392, Visit 28										Mon Aug 17 16:01:40 GMT 2026	
	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		
	(28)	2021MHG		RA: 00 19 42.9000 (4.9287500d) Dec: +29 19 0.70 (29.31686d) Equinox: J2000				V=(?) 18.89 in SDSS-r		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[NUCLEUS]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(28) 2021MHG	WFC3/UVIS, ACCUM, UVIS2		F225W	FLASH=15		Pattern 1, Exps 1-1 i n Visit 28 (1)	565 Secs (2260 Secs)		[1]
										[==>(Pattern 1)]		
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
	[==>(Pattern 4)]											
2		(28) 2021MHG	WFC3/UVIS, ACCUM, UVIS2		F625W	FLASH=1		Pattern 1, Exps 2-2 i n Visit 28 (1)	565 Secs (2260 Secs)		[2]	
									[==>(Pattern 1)]			
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
[==>(Pattern 4)]												

