



15980 - New insights from gravitational waves combined with electromagnetic light

Cycle: 27, Proposal Category: GO

(Availability Mode: SUPPORTED)

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VISITS

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
U1	(1) GW1	WFC3/UVIS	2	10-Dec-2020 09:00:51.0	yes
U2	(1) GW1	WFC3/UVIS	6	10-Dec-2020 09:00:52.0	yes
U3	(5) AT2019WXT	WFC3/UVIS	1	10-Dec-2020 09:00:53.0	yes
U4	(5) AT2019WXT	WFC3/UVIS	1	10-Dec-2020 09:00:54.0	yes
U5	(1) GW1	WFC3/UVIS	1	10-Dec-2020 09:00:54.0	yes
U6	(1) GW1	WFC3/UVIS	1	10-Dec-2020 09:00:55.0	yes
UA	(1) GW1	WFC3/UVIS	1	10-Dec-2020 09:00:56.0	yes
UB	(1) GW1	WFC3/UVIS	1	10-Dec-2020 09:00:56.0	yes
O1	(1) GW1	WFC3/UVIS	1	10-Dec-2020 09:00:57.0	yes
O2	(1) GW1	WFC3/UVIS	1	10-Dec-2020 09:00:57.0	yes
O3	(1) GW1	WFC3/UVIS	1	10-Dec-2020 09:00:58.0	yes
O4	(1) GW1	WFC3/UVIS	1	10-Dec-2020 09:00:59.0	yes
I1	(1) GW1	WFC3/IR	1	10-Dec-2020 09:01:00.0	yes
I2	(1) GW1	WFC3/IR	1	10-Dec-2020 09:01:01.0	yes
I3	(1) GW1	WFC3/IR	1	10-Dec-2020 09:01:02.0	yes
I4	(1) GW1	WFC3/IR	1	10-Dec-2020 09:01:02.0	yes
I5	(1) GW1	WFC3/IR	1	10-Dec-2020 09:01:03.0	yes
I6	(1) GW1	WFC3/IR	3	10-Dec-2020 09:01:04.0	yes
I7	(1) GW1	WFC3/IR	3	10-Dec-2020 09:01:06.0	yes
V1	(2) GW2	WFC3/UVIS	2	10-Dec-2020 09:01:07.0	yes
V2	(2) GW2	WFC3/UVIS	6	10-Dec-2020 09:01:09.0	yes
V3	(2) GW2	WFC3/UVIS	1	10-Dec-2020 09:01:09.0	yes
V4	(2) GW2	WFC3/UVIS	1	10-Dec-2020 09:01:10.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
V5	(2) GW2	WFC3/UVIS	1	10-Dec-2020 09:01:11.0	yes
V6	(2) GW2	WFC3/UVIS	1	10-Dec-2020 09:01:11.0	yes
P1	(3) GW3	WFC3/UVIS	1	10-Dec-2020 09:01:12.0	yes
P2	(3) GW3	WFC3/UVIS	1	10-Dec-2020 09:01:12.0	yes
P3	(3) GW3	WFC3/UVIS	1	10-Dec-2020 09:01:13.0	yes
P4	(3) GW3	WFC3/UVIS	1	10-Dec-2020 09:01:14.0	yes
R1	(4) GW4	WFC3/IR	1	10-Dec-2020 09:01:15.0	yes
R2	(4) GW4	WFC3/IR	1	10-Dec-2020 09:01:16.0	yes
R3	(4) GW4	WFC3/IR	1	10-Dec-2020 09:01:17.0	yes
R4	(4) GW4	WFC3/IR	1	10-Dec-2020 09:01:17.0	yes
R5	(4) GW4	WFC3/IR	1	10-Dec-2020 09:01:18.0	yes
R6	(4) GW4	WFC3/IR	3	10-Dec-2020 09:01:19.0	yes
R7	(4) GW4	WFC3/IR	3	10-Dec-2020 09:01:20.0	yes
V7	(5) AT2019WXT	WFC3/UVIS	1	10-Dec-2020 09:01:21.0	yes
V8	(5) AT2019WXT	WFC3/UVIS	1	10-Dec-2020 09:01:21.0	yes
V9	(5) AT2019WXT	WFC3/IR	1	10-Dec-2020 09:01:22.0	yes
VA	(5) AT2019WXT	WFC3/UVIS	2	10-Dec-2020 09:01:23.0	yes
VB	(5) AT2019WXT	WFC3/UVIS	2	10-Dec-2020 09:01:24.0	yes
VD	(5) AT2019WXT	WFC3/UVIS	2	10-Dec-2020 09:01:25.0	yes
VC	(5) AT2019WXT	WFC3/IR	2	10-Dec-2020 09:01:25.0	yes

67 Total Orbits Used

ABSTRACT

Multimessenger astronomy -- the use of light combined with non-photon messengers such as gravitational waves or neutrinos -- has come of age in the past year, thanks to the discovery of emission across the electromagnetic spectrum from a gravitational wave detected merging neutron star binary, and the identification of at least one source of very high energy neutrinos. Here we propose to exploit the unique UV to near-IR abilities of

HST, in combination with a large ground-based campaign, to pair gravitational wave and EM information for a range of merger events with varying inclinations and mass ratios. We will map out the diversity of transient behaviour, addressing many central questions in contemporary astrophysics, including; i) what is the contribution of binary neutron stars to heavy element enrichment across the Universe? ii) what is the local Hubble constant measured from gravitational waves, and how can HST determined distances enhance its accuracy? iii) what are the properties of jets launched during the merger, do all mergers create short GRBs for some observers? iv) what are the environments of the mergers, and what does this tell us about the channels to create the binaries? v) how do EM properties depend on binary parameters, particularly if one component is a black hole? The multimessenger era offers the ability to answer these questions for the first time. The capabilities of Hubble to observe outside atmospheric windows, with the spatial resolution to resolve point sources from complex backgrounds, and to track them beyond the limits of ground-based instrumentation will enable us to make pivotal contributions to this new, emergent field.

OBSERVING DESCRIPTION

We intend to conduct comprehensive UV to IR observations of gravitational wave counterparts identified during Cycle 26 and 27. This will include early UV spectroscopy for brighter sources (G280L) and UV imaging for fainter candidates. We will additionally conduct IR spectroscopic observations with both G102 and G141, concentrating our efforts on examples which are challenging from the ground (complex background subtraction / faint sources etc). As the source becomes too faint for ground based optical observations we will include optical (F475W/F606W/F814W) observations which will map the late time behaviour of the associated kilonova and the emergence of any afterglow component.

Given the uncertainty in the field due to only a single detection to date the precise strategy is difficult to define at present, and we do not wish to be overly prescriptive. We have identified a number of likely observing strategies that utilize the observations defined below. These map the range of filters and exposure times that we anticipate will be necessary, but some changes to the visits may be necessary upon trigger.

We note that the UV observations may, in one case, utilize an ultra-rapid ToO, while other observations will take place as either disruptive (early time, 3-5 day) or non-disruptive (late time, several weeks) ToOs. We have flagged the ultra-rapid ToOs as such in the "ToO response field", although note that they will not always be ultra-rapid.

U1/V1 - 2 orbit F300X/G280L

U2/V2 - 4 orbit F300X/G280L

UA/UB - 1 orbit F350LP

U3/V3 - 1 orbit F225W

U4/V4 - 1 orbit F275W

U5/V5 - 1 orbit F336W

U6/V6 - 1 orbit F390W

O1/P1 - 1 orbit F475W

O2/P2 - 1 orbit F606W

O3/P3 - 1 orbit F814W

O4/P4 - 3 orbit F475W/F606W/F814W

I1/R1 - 2 orbit F110W/G102

I2/R2 - 1 orbit F160W/G141

I3/R3 - 1 orbit F110W

I4/R4 - 1 orbit F140W

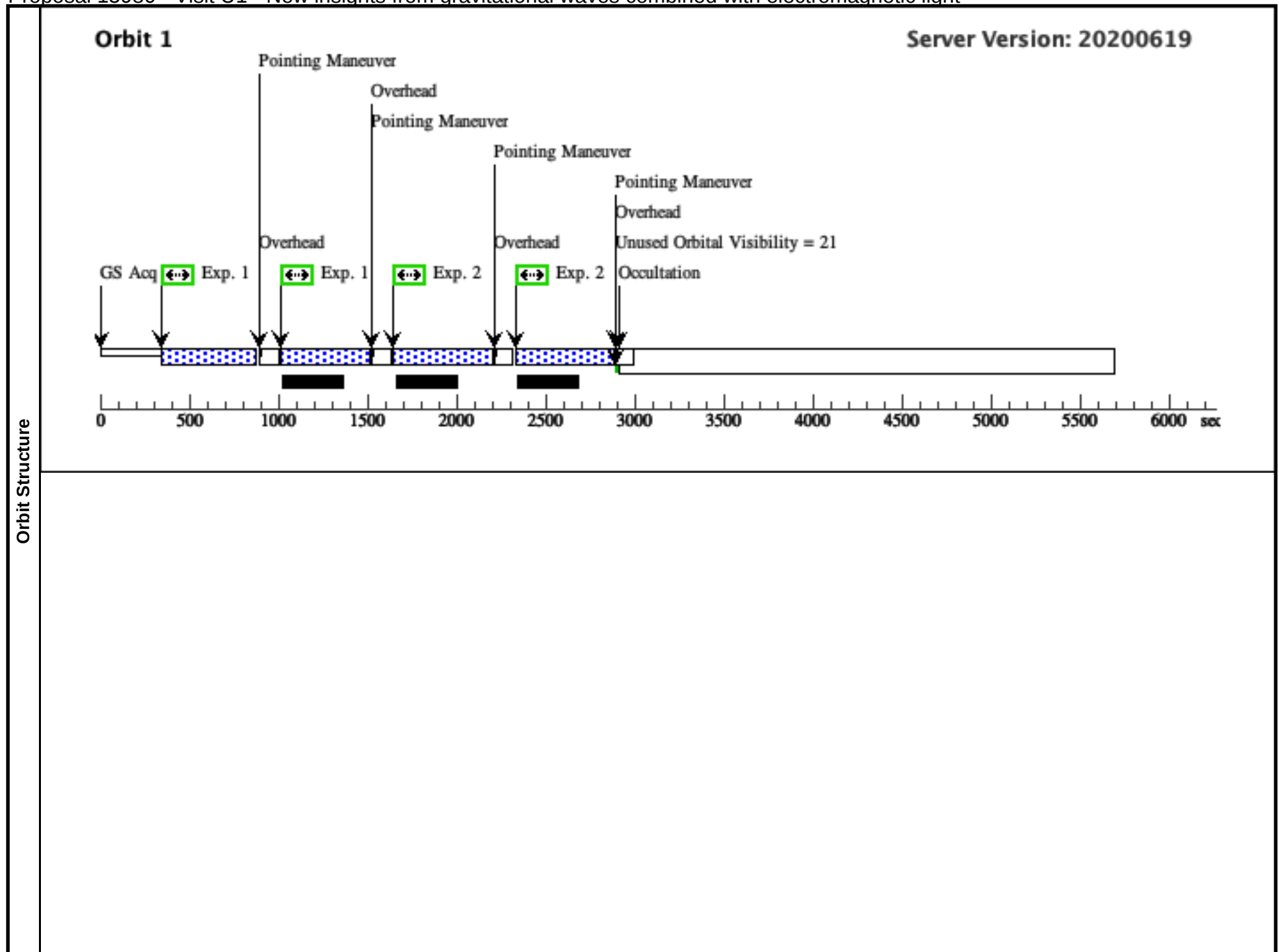
I5/R5 - 1 orbit F160W

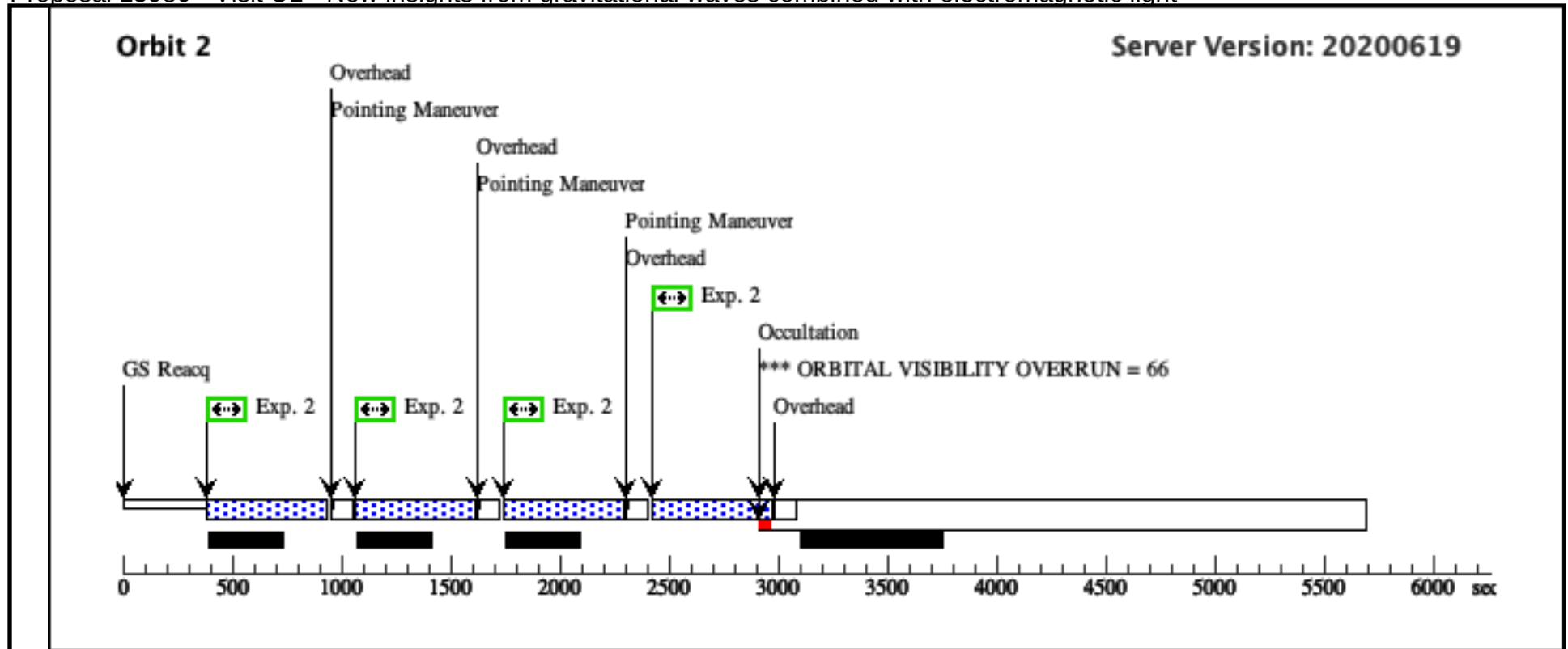
I6/R6 - 3 orbit F110W/G102

I7/R7 - 3 orbit F160W/G141

Proposal 15980 - Visit U1 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit U1, withdrawn										Thu Dec 10 14:01:26 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 24.0H										
On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit U1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(4)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.099 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=3.9 Angle Between Sides= Center Pattern=false	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(2)					
	(6)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(1)			
Generic Targets	#	Name	Criteria		Description						
	(1)	GW1	GW transinet		NEUTRON STAR						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) GW1	WFC3/UVIS, ACCUM, UVIS	F300X	FLASH=10	POS TARG 0,-50	Pattern 6, Exps 1-1 i n Visit U1 (6)	500 Secs (1000 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	2		(1) GW1	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO	POS TARG 0,-50	Pattern 4, Exps 2-2 i n Visit U1 (4)	550 Secs (3300 Secs)		
									[==>(Pattern 1,1)]		[1]
									[==>(Pattern 1,2)]		
								[==>(Pattern 1,3)]		[2]	
								[==>(Pattern 2,1)]			
								[==>(Pattern 2,2)]			
									[==>(Pattern 2,3)]		





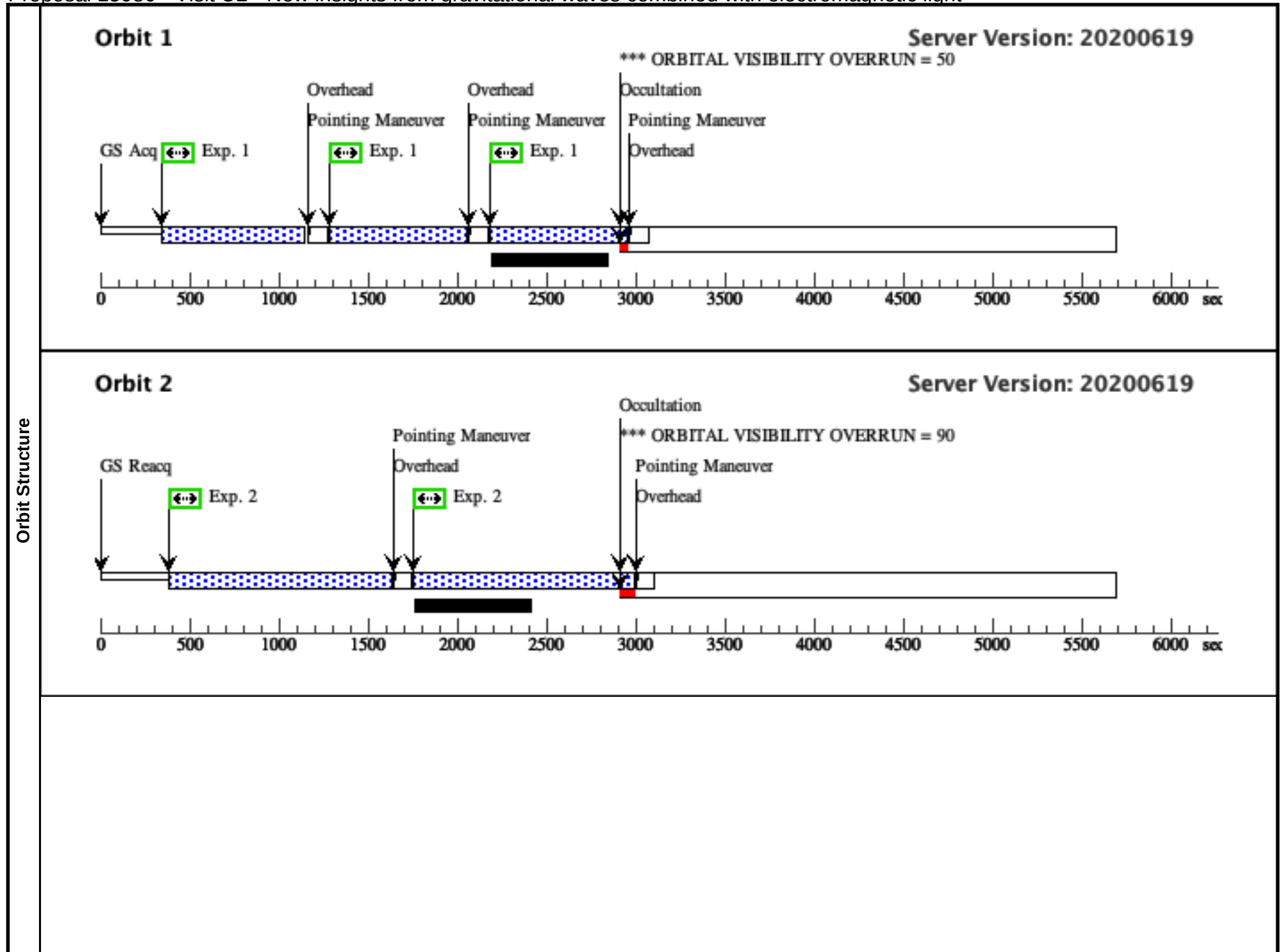
Proposal 15980 - Visit U2 - New insights from gravitational waves combined with electromagnetic light

Thu Dec 10 14:01:27 GMT 2020

Visit	Proposal 15980, Visit U2, withdrawn Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 24.0H <i>On Hold Comments: Awaiting GW trigger</i>		
	Diagnostics (Visit U2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit U2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit U2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit U2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit U2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit U2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN		
Patterns	#	Primary Pattern	Secondary Pattern
	(3)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)
	(5)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	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
	(6)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(3)
Generic Targets	#	Name	Criteria
	(1)	GW1	GW transinet
		Description	
		NEUTRON STAR	

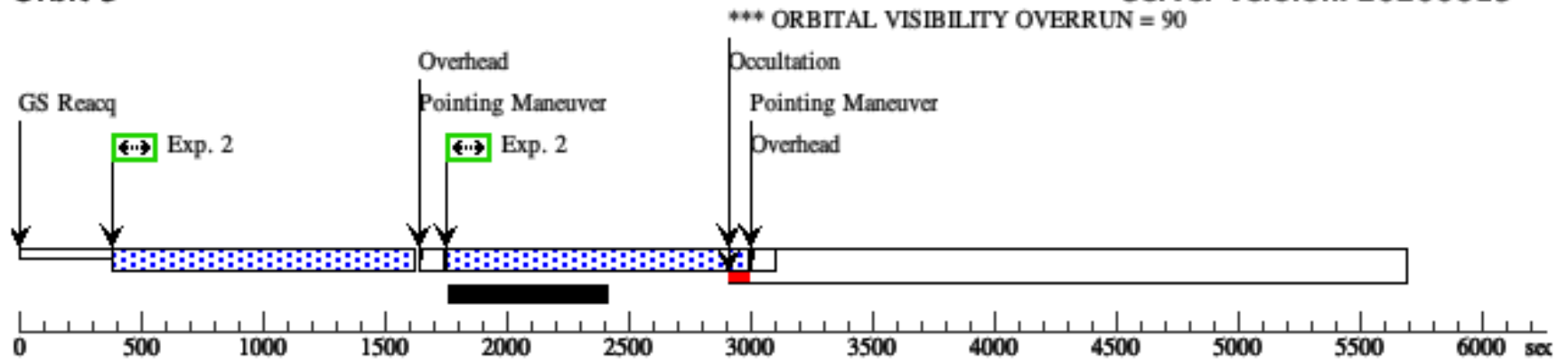
Proposal 15980 - Visit U2 - New insights from gravitational waves combined with electromagnetic light

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) GW1	WFC3/UVIS, ACCUM, UVIS	F300X	FLASH=10	POS TARG 0,-50	Pattern 3, Exps 1-1 i n Visit U2 (3)	500 Secs (2307 Secs)	
									[==>769.0 Secs (Pattern 1)]	[1]
									[==>769.0 Secs (Pattern 2)]	
									[==>769.0 Secs (Pattern 3)]	
	2		(1) GW1	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO	POS TARG 0,-50	Pattern 5, Exps 2-2 i n Visit U2 (5)	850 Secs (9920 Secs)	
									[==>1240.0 Secs (Pattern 1,1)]	[2]
									[==>1240.0 Secs (Pattern 1,2)]	
									[==>1240.0 Secs (Pattern 1,3)]	[3]
									[==>1240.0 Secs (Pattern 1,4)]	
									[==>1240.0 Secs (Pattern 2,1)]	[4]
									[==>1240.0 Secs (Pattern 2,2)]	
									[==>1240.0 Secs (Pattern 2,3)]	[5]
									[==>1240.0 Secs (Pattern 2,4)]	
	3		(1) GW1	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO	POS TARG 0,-50	Pattern 6, Exps 3-3 i n Visit U2 (6)	850 Secs (2480 Secs)	
									[==>1240.0 Secs (Pattern 1)]	[6]
									[==>1240.0 Secs (Pattern 2)]	



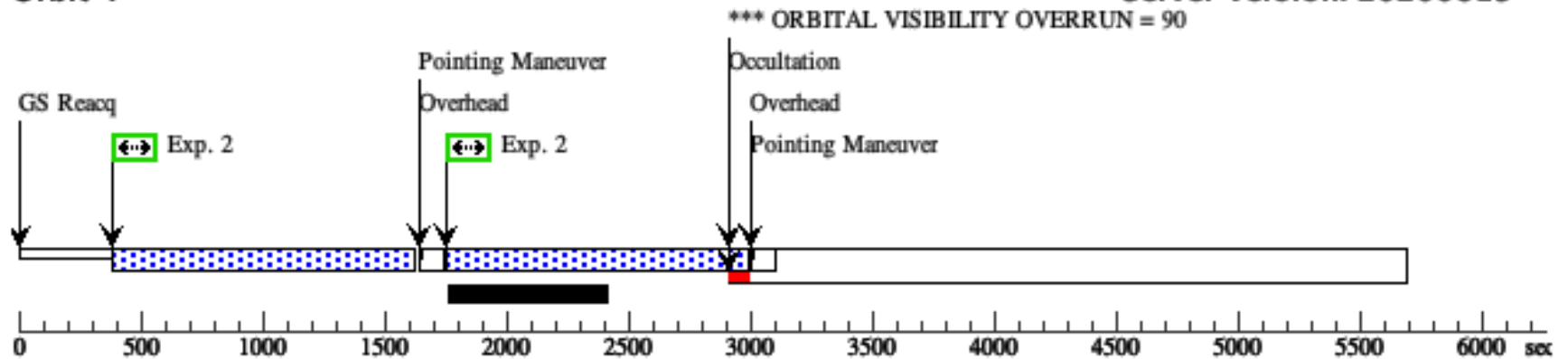
Orbit 3

Server Version: 20200619



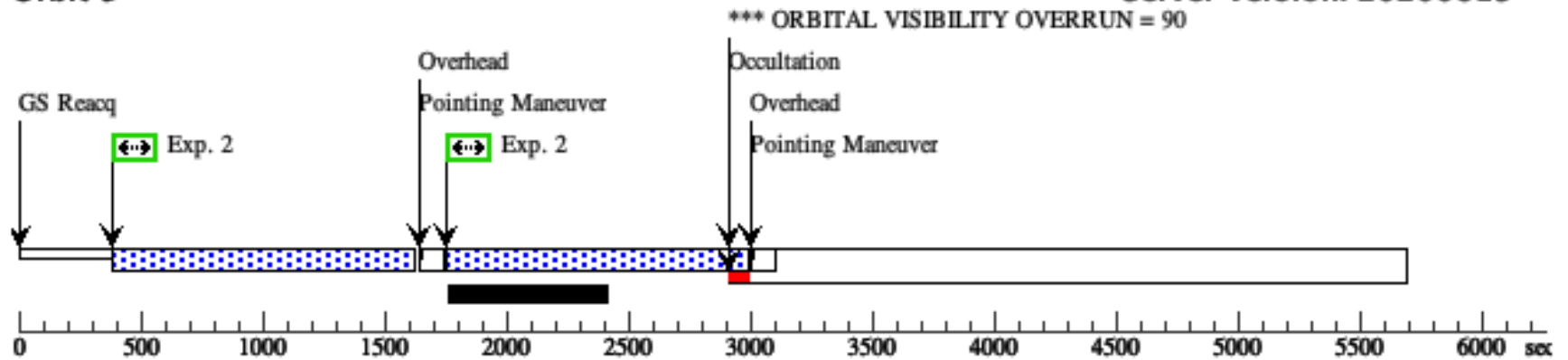
Orbit 4

Server Version: 20200619



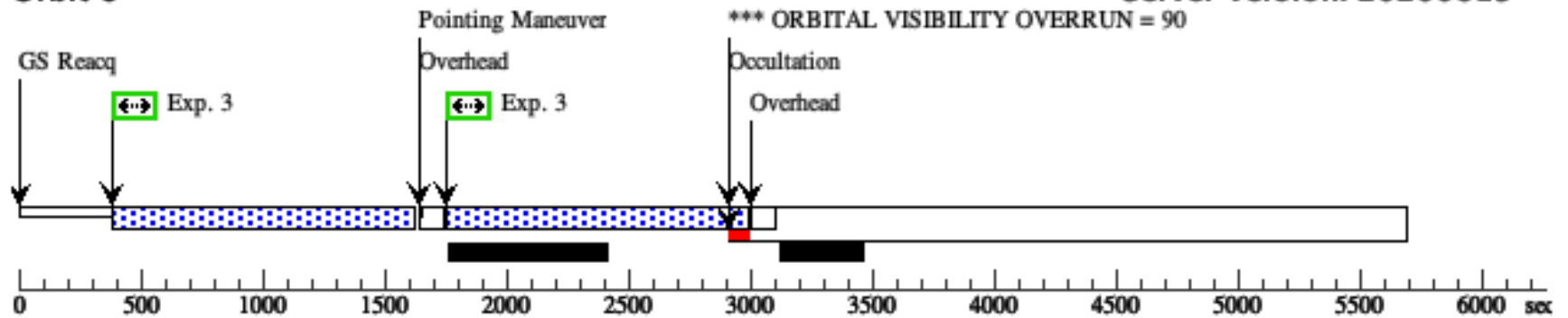
Orbit 5

Server Version: 20200619



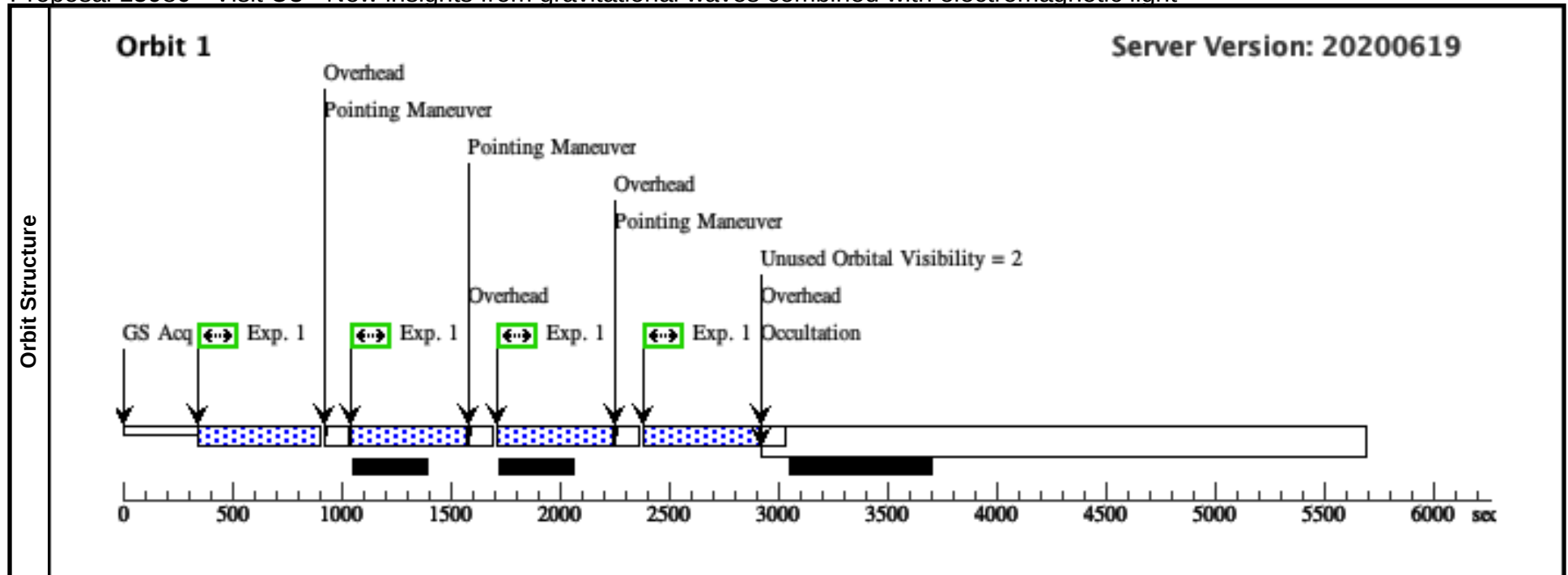
Orbit 6

Server Version: 20200619



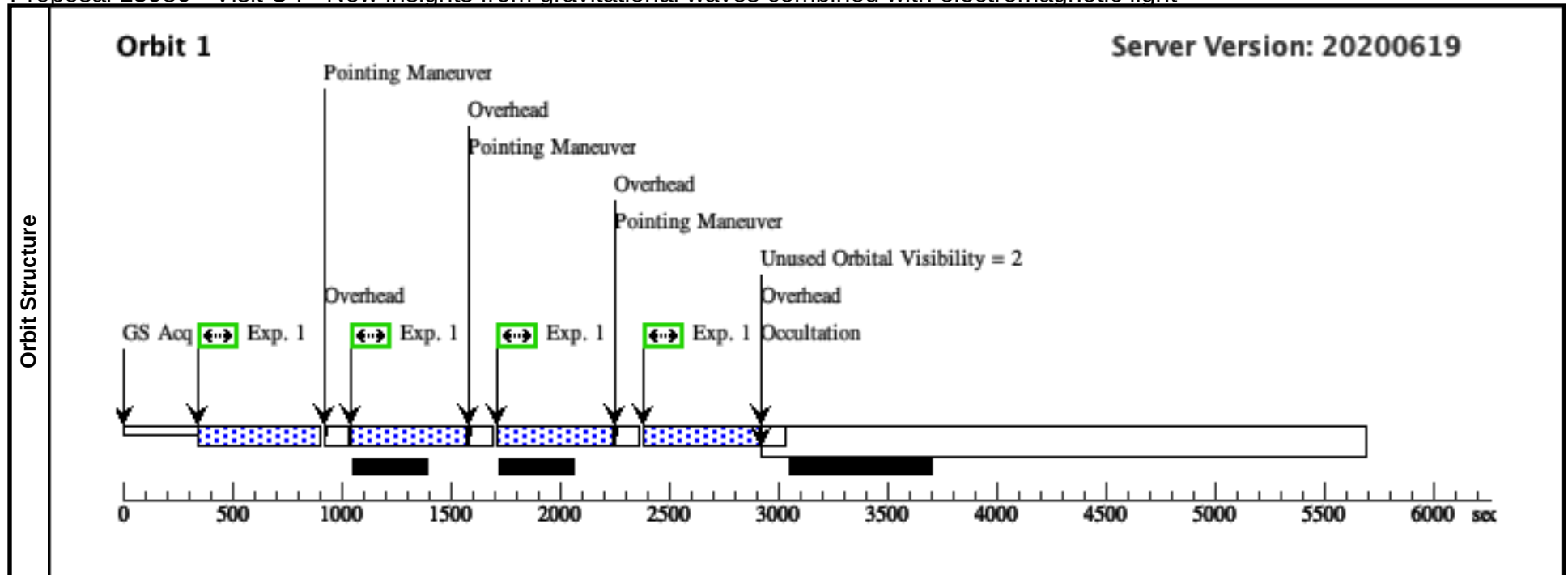
Proposal 15980 - Visit U3 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit U3, completed										Thu Dec 10 14:01:27 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; BEFORE 01-NOV-2020:00:00:00										
Diagnos	(Exposure 1 (Pattern 2, Exps 1-1 in Visit U3)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(2)	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)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	AT2019WXT	RA: 01 55 41.9400 (28.9247500d) Dec: +31 25 4.40 (31.41789d) Equinox: J2000				V=17		Reference Frame: ICRS		
	Comments: Category=EXT-STAR Description=[SUPERNOVA]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) AT2019WXT	WFC3/UVIS, ACCUM, UVIS	F225W	CR-SPLIT=NO; FLASH=19		Pattern 2, Exps 1-1 i n Visit U3 (2)	370 Secs (2120 Secs)		[1]
									[==>530.0 Secs (Pattern 1)]		
									[==>530.0 Secs (Pattern 2)]		
								[==>530.0 Secs (Pattern 3)]			
								[==>530.0 Secs (Pattern 4)]			



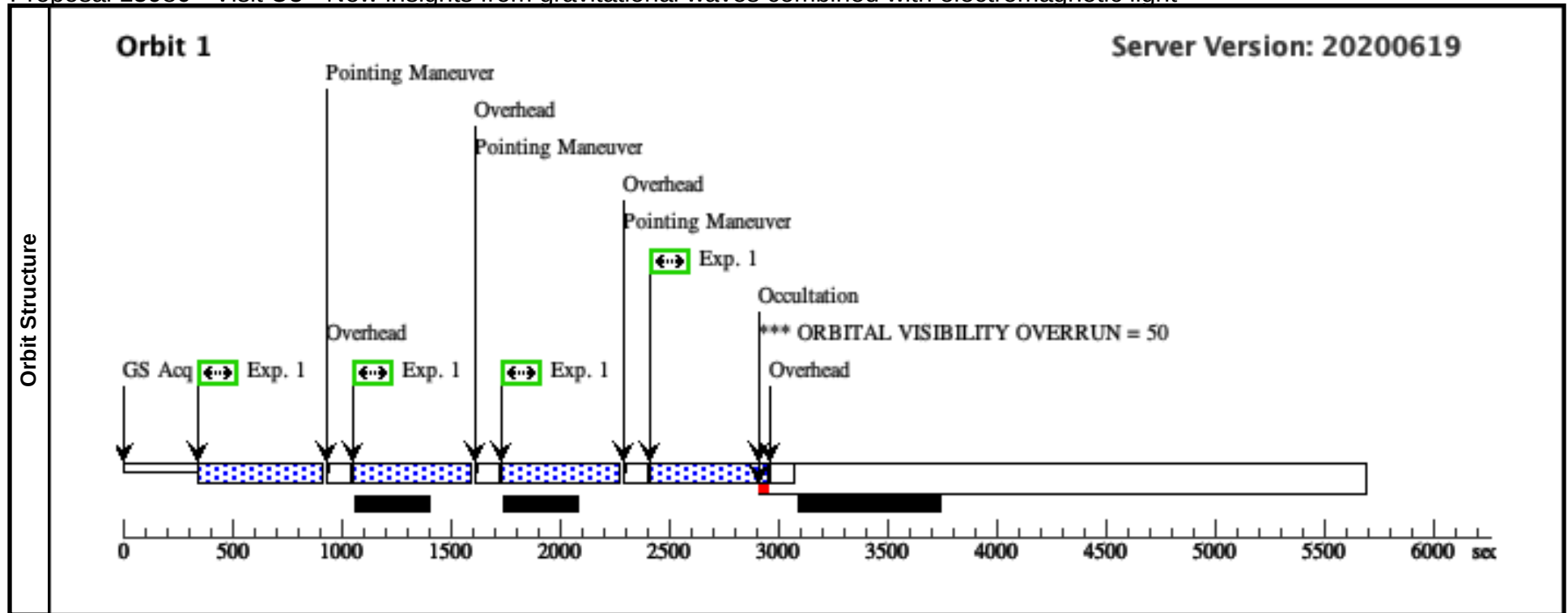
Proposal 15980 - Visit U4 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit U4, completed										Thu Dec 10 14:01:27 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; BEFORE 01-NOV-2020:00:00:00										
Diagnostics	(Exposure 1 (Pattern 2, Exps 1-1 in Visit U4)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	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)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	AT2019WXT	RA: 01 55 41.9400 (28.9247500d) Dec: +31 25 4.40 (31.41789d) Equinox: J2000				V=17		Reference Frame: ICRS		
	Comments: Category=EXT-STAR Description=[SUPERNOVA]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) AT2019WXT	WFC3/UVIS, ACCUM, UVIS	F275W	CR-SPLIT=NO; FLASH=19		Pattern 2, Exps 1-1 in Visit U4 (2)	370 Secs (2120 Secs)		[1]
									[==>530.0 Secs (Pattern 1)]		
									[==>530.0 Secs (Pattern 2)]		
								[==>530.0 Secs (Pattern 3)]			
								[==>530.0 Secs (Pattern 4)]			



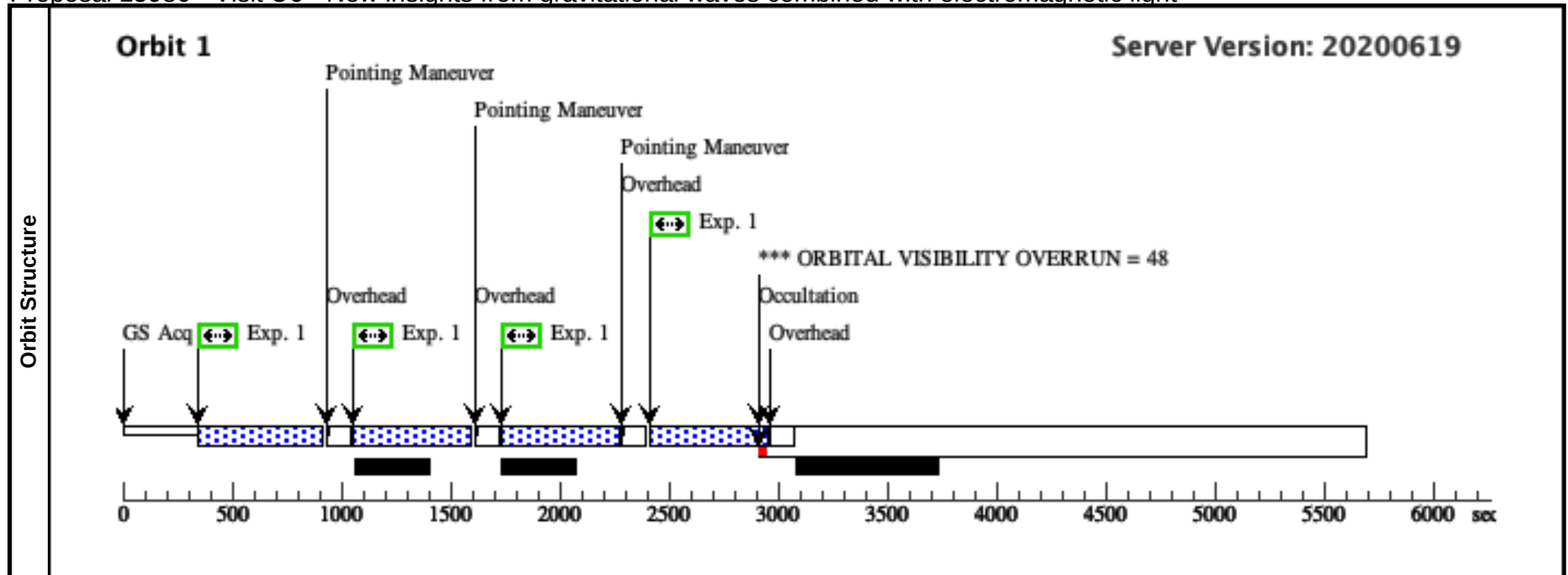
Proposal 15980 - Visit U5 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit U5, withdrawn										Thu Dec 10 14:01:27 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 24.0H											
	On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit U5) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(2)	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)		
Generic Targets	#	Name		Criteria		Description						
	(1)	GW1		GW transinet		NEUTRON STAR						
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) GW1	WFC3/UVIS, ACCUM, UVIS		F336W	CR-SPLIT=NO; FLASH=11		Pattern 2, Exps 1-1 in Visit U5 (2)	370 Secs (2172 Secs)		
										[==>543.0 Secs (Pattern 1)]		[1]
										[==>543.0 Secs (Pattern 2)]		
										[==>543.0 Secs (Pattern 3)]		
									[==>543.0 Secs (Pattern 4)]			



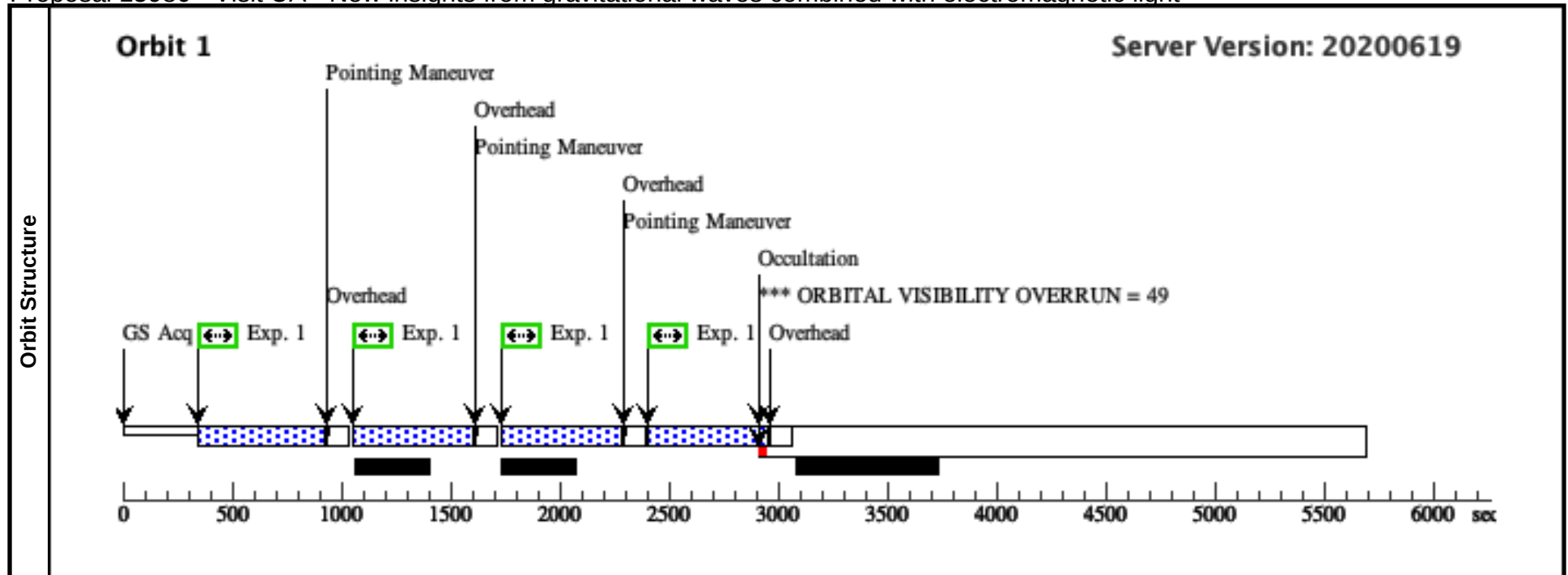
Proposal 15980 - Visit U6 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit U6, withdrawn										Thu Dec 10 14:01:27 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 24.0H											
	On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit U6) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	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)	
Generic Targets	#	Name		Criteria		Description						
	(1)	GW1		GW transinet		NEUTRON STAR						
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) GW1	WFC3/UVIS, ACCUM, UVIS		F390W	CR-SPLIT=NO; FLASH=7		Pattern 2, Exps 1-1 in Visit U6 (2)	370 Secs (2176 Secs)		
										[==>544.0 Secs (Pattern 1)]		[1]
										[==>544.0 Secs (Pattern 2)]		
										[==>544.0 Secs (Pattern 3)]		
									[==>544.0 Secs (Pattern 4)]			



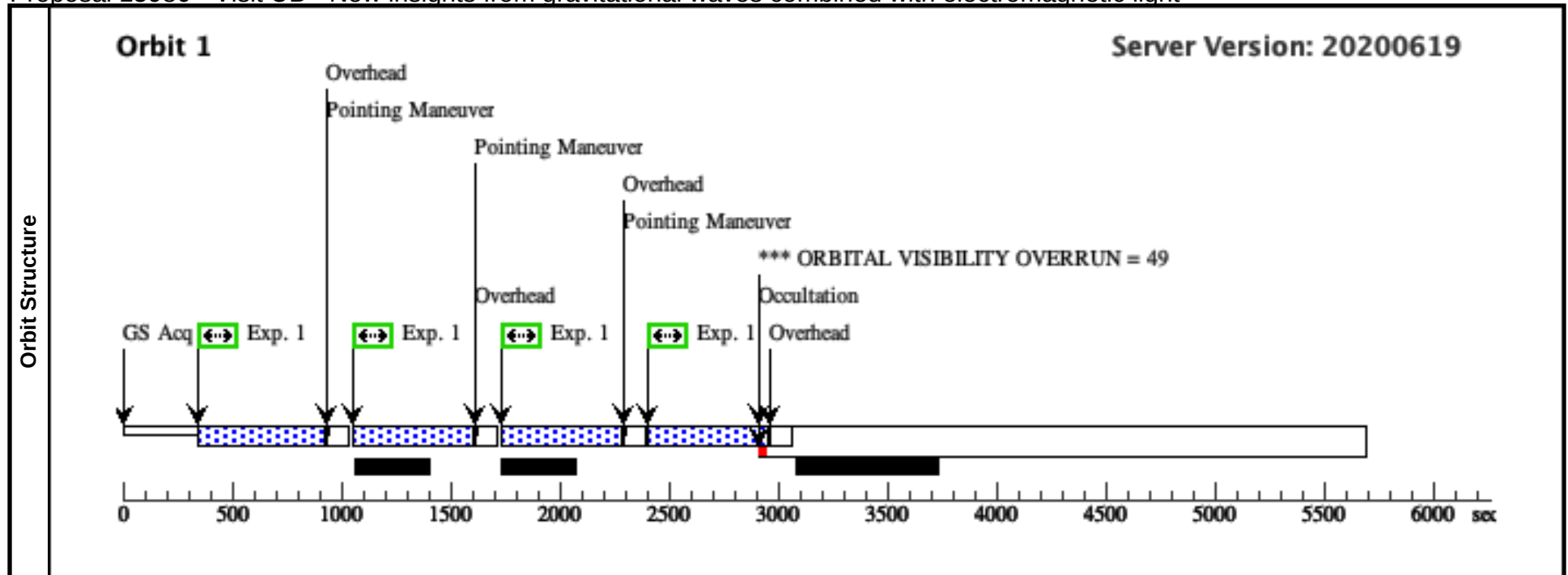
Proposal 15980 - Visit UA - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit UA, withdrawn										Thu Dec 10 14:01:27 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; AFTER U1; GROUP UA,U1 WITHIN 0.4D; ON HOLD ; TOO RESPONSE TIME 24.0H											
On Hold Comments: Awaiting GW trigger												
Diagnostics	(Visit UA) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	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)	
Generic Targets	#	Name		Criteria		Description						
	(1)	GW1		GW transinet		NEUTRON STAR						
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) GW1	WFC3/UVIS, ACCUM, UVIS		F350LP	CR-SPLIT=NO		Pattern 2, Exps 1-1 in Visit UA (2)	370 Secs (2192 Secs)		
										[==>548.0 Secs (Pattern 1)]		[1]
										[==>548.0 Secs (Pattern 2)]		
									[==>548.0 Secs (Pattern 3)]			
										[==>548.0 Secs (Pattern 4)]		



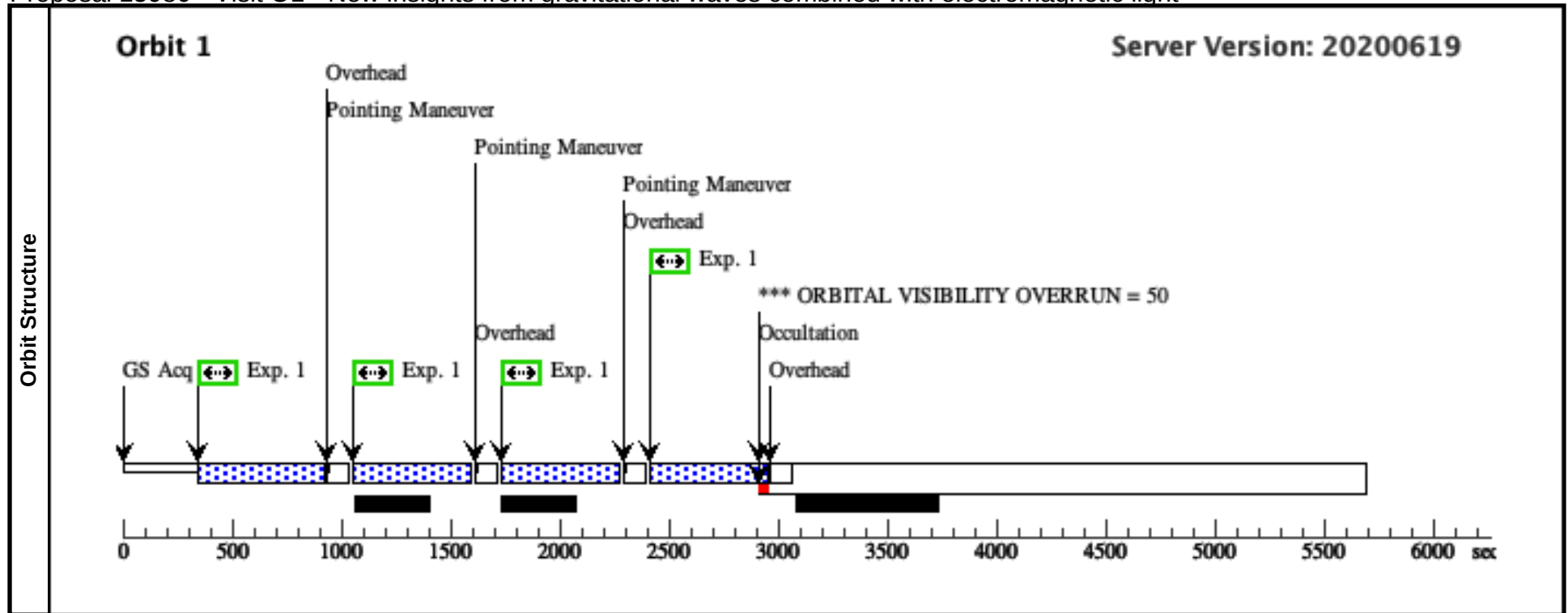
Proposal 15980 - Visit UB - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit UB, withdrawn										Thu Dec 10 14:01:27 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; GROUP UB,U2 WITHIN 0.5D; ON HOLD ; TOO RESPONSE TIME 24.0H											
	On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit UB) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	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)	
Generic Targets	#	Name		Criteria			Description					
	(1)	GW1		GW transinet			NEUTRON STAR					
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) GW1	WFC3/UVIS, ACCUM, UVIS		F350LP	CR-SPLIT=NO		Pattern 2, Exps 1-1 in Visit UB (2)	370 Secs (2192 Secs)		
										[==>548.0 Secs (Pattern 1)]		[1]
										[==>548.0 Secs (Pattern 2)]		
										[==>548.0 Secs (Pattern 3)]		
									[==>548.0 Secs (Pattern 4)]			



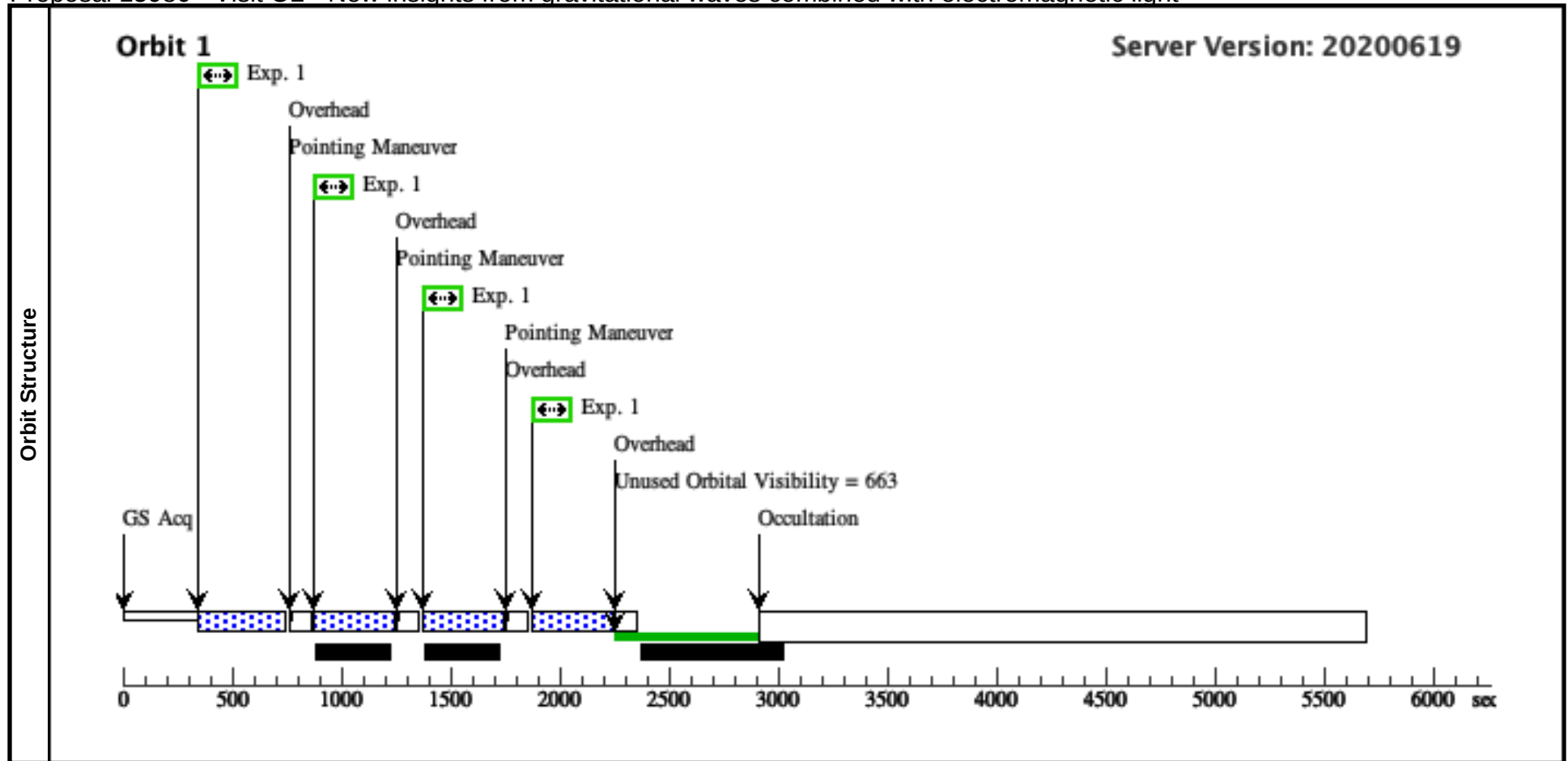
Proposal 15980 - Visit O1 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit O1, withdrawn										Thu Dec 10 14:01:27 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D											
	On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit O1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	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)	
Generic Targets	#	Name		Criteria		Description						
	(1)	GW1		GW transinet		NEUTRON STAR						
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) GW1	WFC3/UVIS, ACCUM, UVIS		F475W	CR-SPLIT=NO; FLASH=2		Pattern 2, Exps 1-1 in Visit O1 (2)	370 Secs (2184 Secs) [==>546.0 Secs (Pattern 1)] [==>546.0 Secs (Pattern 2)] [==>546.0 Secs (Pattern 3)] [==>546.0 Secs (Pattern 4)]		[1]



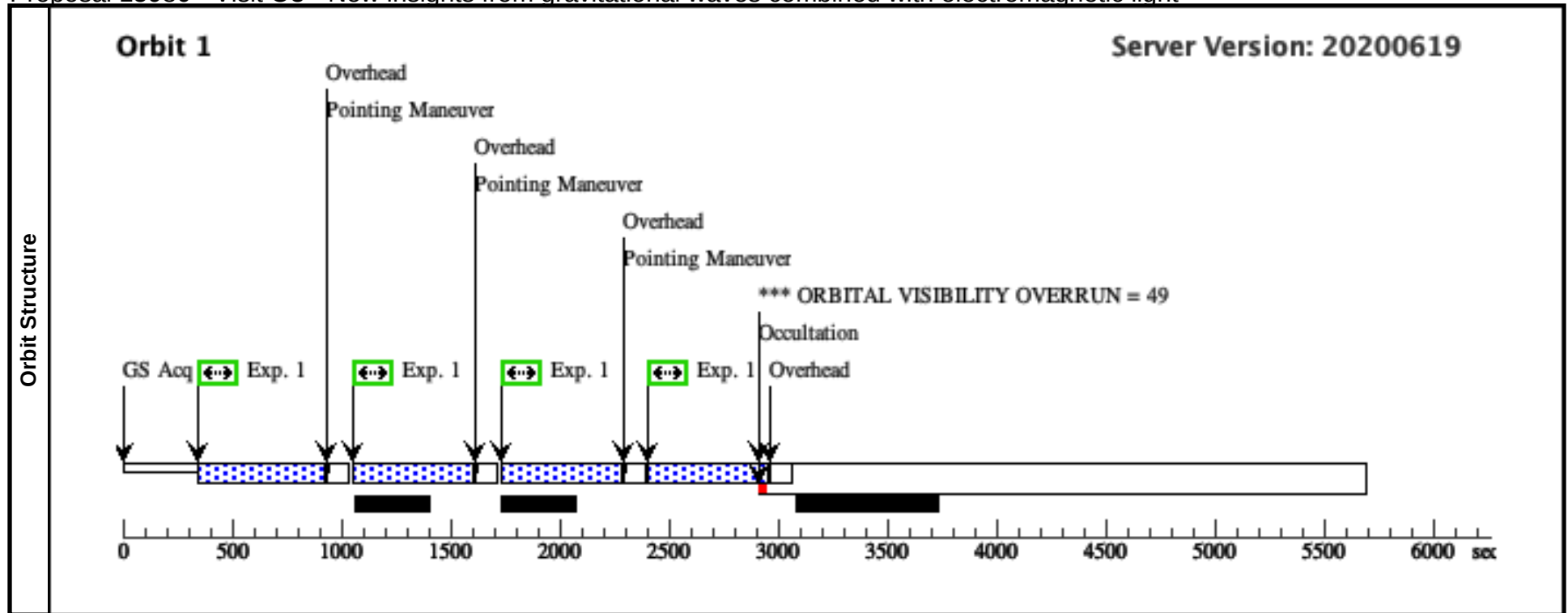
Proposal 15980 - Visit O2 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit O2, withdrawn										Thu Dec 10 14:01:27 GMT 2020	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D											
	On Hold Comments: Awaiting GW trigger											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	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)	
Generic Targets	#	Name	Criteria				Description					
	(1)	GW1	GW transinet				NEUTRON STAR					
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) GW1	WFC3/UVIS, ACCUM, UVIS		F606W	CR-SPLIT=NO		Pattern 2, Exps 1-1 in Visit O2 (2)	370 Secs (1480 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



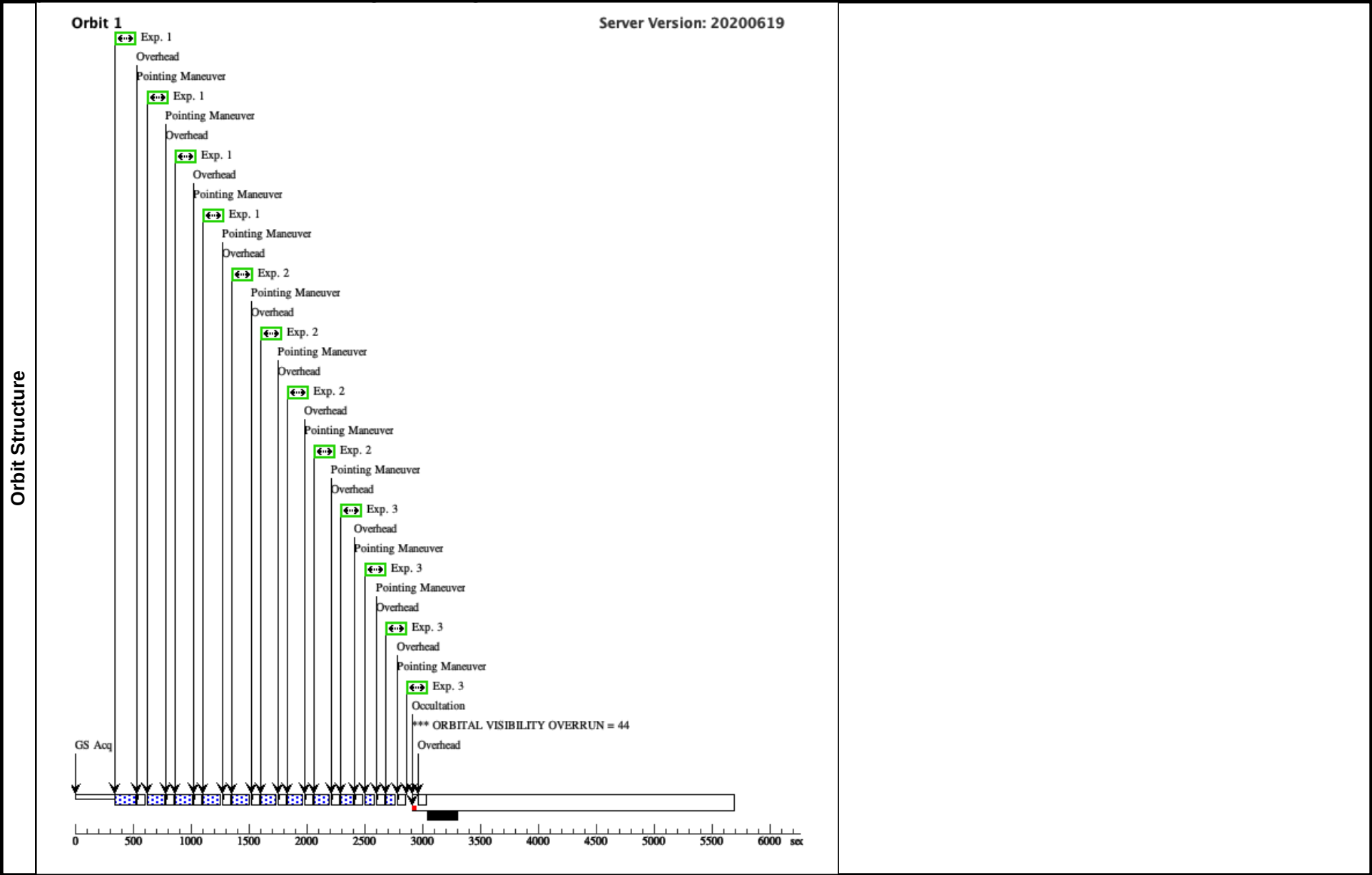
Proposal 15980 - Visit O3 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit O3, withdrawn										Thu Dec 10 14:01:27 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D											
	On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit O3) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	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)	
Generic Targets	#	Name		Criteria		Description						
	(1)	GW1		GW transinet		NEUTRON STAR						
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) GW1	WFC3/UVIS, ACCUM, UVIS		F814W	CR-SPLIT=NO		Pattern 2, Exps 1-1 in Visit O3 (2)	370 Secs (2192 Secs)		
										[==>548.0 Secs (Pattern 1)]		[1]
										[==>548.0 Secs (Pattern 2)]		
										[==>548.0 Secs (Pattern 3)]		
									[==>548.0 Secs (Pattern 4)]			



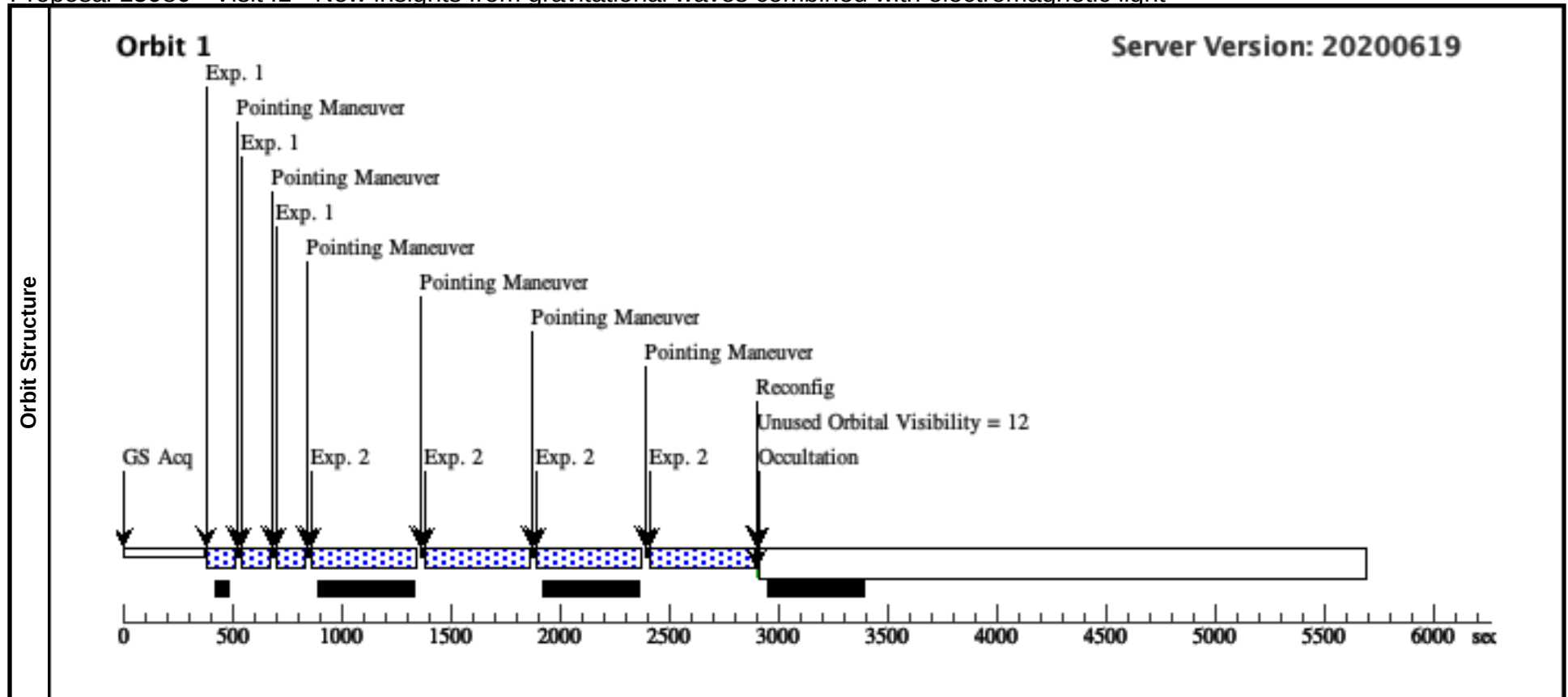
Proposal 15980 - Visit O4 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit O4, withdrawn										Thu Dec 10 14:01:27 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/UVIS													
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D													
On Hold Comments: Awaiting GW trigger														
Diagnostics	(Visit O4) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern						Secondary Pattern				Exposures		
	(2)	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), (3)		
Generic Targets	#	Name		Criteria		Description								
	(1)	GW1		GW transinet		NEUTRON STAR								
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(1) GW1	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB		F475W	CR-SPLIT=NO; FLASH=9	POS TARG 0,0	Pattern 2, Exps 1-1 in Visit O4 (2)	148 Secs (592 Secs)				
										[==>(Pattern 1)]				
										[==>(Pattern 2)]				
										[==>(Pattern 3)]				
										[==>(Pattern 4)]		[1]		
	2		(1) GW1	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB		F814W	CR-SPLIT=NO; FLASH=9		Pattern 2, Exps 2-2 in Visit O4 (2)	135 Secs (540 Secs)				
										[==>(Pattern 1)]				
										[==>(Pattern 2)]				
										[==>(Pattern 3)]				
										[==>(Pattern 4)]		[1]		
	3		(1) GW1	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB		F606W	FLASH=9		Pattern 2, Exps 3-3 in Visit O4 (2)	85 Secs (340 Secs)				
										[==>(Pattern 1)]				
										[==>(Pattern 2)]				
										[==>(Pattern 3)]				
										[==>(Pattern 4)]		[1]		



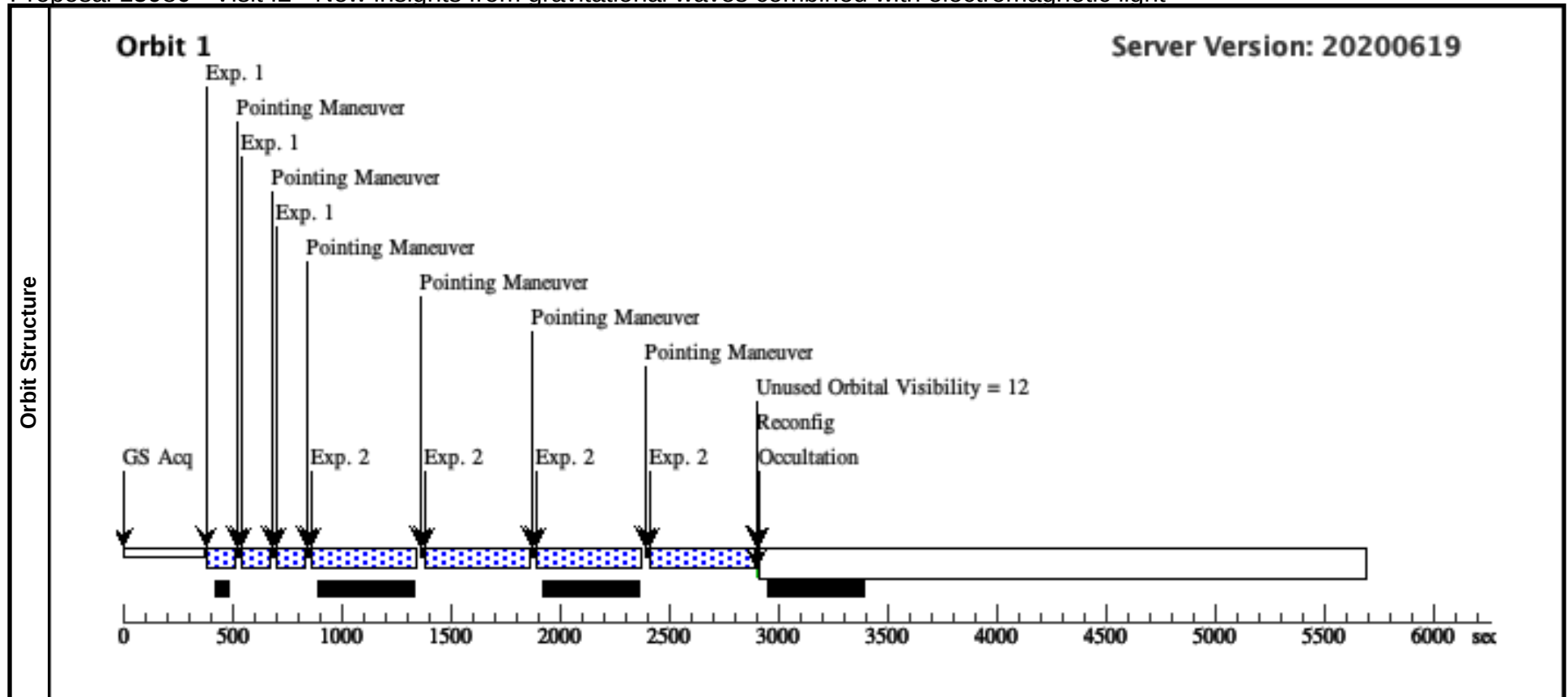
Proposal 15980 - Visit I1 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit I1, withdrawn				Thu Dec 10 14:01:27 GMT 2020					
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: SCHED 100%; ORIENT 125D TO 135 D; ON HOLD ; TOO RESPONSE TIME 3.0D									
	On Hold Comments: Awaiting GW trigger									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2)				
	(7)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)				
Generic Targets	#	Name	Criteria		Description					
	(1)	GW1	GW transinet		NEUTRON STAR					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) GW1	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=7; SAMP-SEQ=STEP50		Pattern 7, Exps 1-1 in Visit I1 (7)	99.230677 Secs (297.692 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(1) GW1	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S50		Pattern 1, Exps 2-2 in Visit I1 (1)	452.93635 Secs (1811.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15980 - Visit I2 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit I2, withdrawn										Thu Dec 10 14:01:27 GMT 2020	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D											
	On Hold Comments: Awaiting GW trigger											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365			Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)	
	(7)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1)	
Generic Targets	#	Name	Criteria				Description					
	(1)	GW1	GW transinet				NEUTRON STAR					
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) GW1	WFC3/IR, MULTIACCUM, GRISM1024		F160W	NSAMP=7; SAMP-SEQ=STEP50		Pattern 7, Exps 1-1 in Visit I2 (7)	99.230677 Secs (297.692 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(1) GW1	WFC3/IR, MULTIACCUM, GRISM1024		G141	NSAMP=10; SAMP-SEQ=SPAR S50		Pattern 1, Exps 2-2 in Visit I2 (1)	452.93635 Secs (1811.745 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 15980 - Visit I3 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit I3, withdrawn Thu Dec 10 14:01:27 GMT 2020									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D <i>On Hold Comments: Awaiting GW trigger</i>									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365				Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)
Generic Targets	#	Name	Criteria				Description			
	(1)	GW1	GW transinet				NEUTRON STAR			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) GW1	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 50; NSAMP=12		Pattern 1, Exps 1-1 i n Visit I3 (1)	552.937252 Secs (2211.749 Secs) [= > (Pattern 1)] [= > (Pattern 2)] [= > (Pattern 3)] [= > (Pattern 4)]	[1]
Orbit Structure	Orbit 1 Server Version: 20200619									

Proposal 15980 - Visit I4 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit I4, withdrawn Thu Dec 10 14:01:27 GMT 2020									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D <i>On Hold Comments: Awaiting GW trigger</i>									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365				Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)
Generic Targets	#	Name	Criteria				Description			
	(1)	GW1	GW transinet				NEUTRON STAR			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) GW1	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 50; NSAMP=12		Pattern 1, Exps 1-1 i n Visit I4 (1)	552.937252 Secs (2211.749 Secs) [= > (Pattern 1)] [= > (Pattern 2)] [= > (Pattern 3)] [= > (Pattern 4)]	[1]
Orbit Structure	Orbit 1 Server Version: 20200619									
	The diagram illustrates the orbit structure for Visit I4. The timeline starts at 0 seconds and ends at 6000 seconds. Key events include: GS Acq: Ground Station Acquisition at approximately 200 seconds. Exp. 1: Exposure 1 at approximately 400 seconds. Pointing Maneuver: Three pointing maneuvers occur at approximately 1000, 1600, and 2200 seconds. Reconfig: Reconfiguration at approximately 2800 seconds. Occultation: Occultation event at approximately 2900 seconds. Unused Orbital Visibility = 95: A label indicating the unused orbital visibility percentage.									

Proposal 15980 - Visit I5 - New insights from gravitational waves combined with electromagnetic light

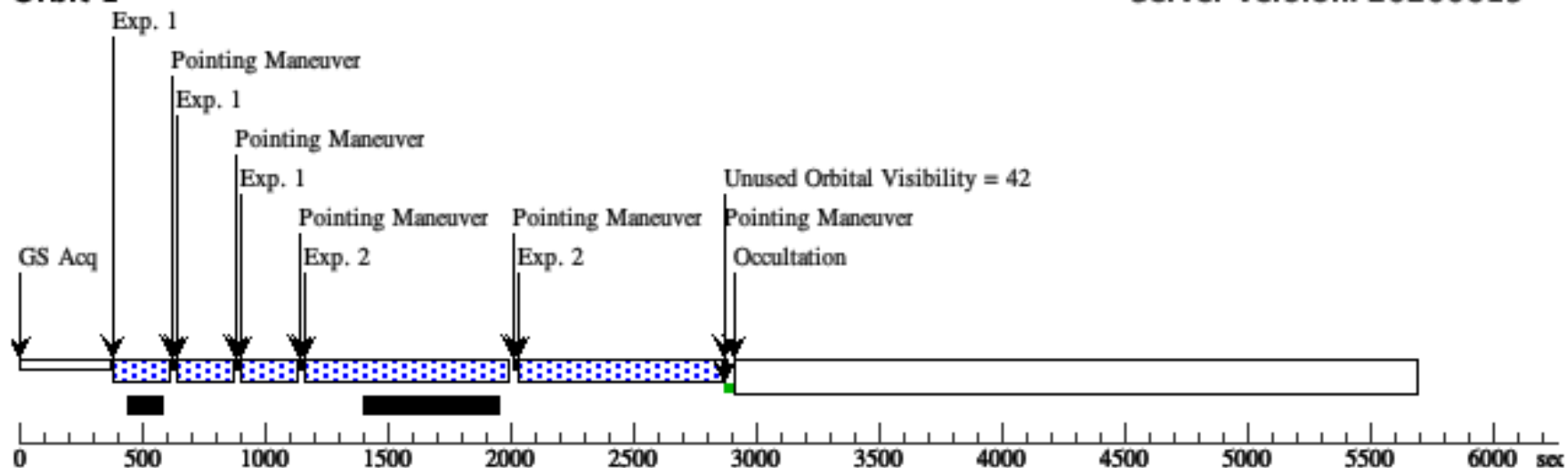
Visit	Proposal 15980, Visit I5, withdrawn Thu Dec 10 14:01:27 GMT 2020									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D <i>On Hold Comments: Awaiting SGRB trigger</i>									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365				Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)
Generic Targets	#	Name	Criteria				Description			
	(1)	GW1	GW transinet				NEUTRON STAR			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) GW1	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS 50; NSAMP=12		Pattern 1, Exps 1-1 i n Visit I5 (1)	552.937252 Secs (2211.749 Secs) [= > (Pattern 1)] [= > (Pattern 2)] [= > (Pattern 3)] [= > (Pattern 4)]	[1]
Orbit Structure	Orbit 1 Server Version: 20200619									
	The diagram illustrates the orbit structure for Orbit 1, spanning from 0 to 6000 seconds. Key events and phases are marked along the timeline: GS Acq: Ground Station Acquisition at approximately 200 seconds. Exp. 1: First exposure at approximately 400 seconds. Pointing Maneuver: Three pointing maneuvers are indicated at approximately 1000, 1600, and 2200 seconds. Reconfig: Reconfiguration event at approximately 2800 seconds. Occultation: Occultation event at approximately 2900 seconds. Unused Orbital Visibility = 95: A note indicating the percentage of unused orbital visibility. The observation period is represented by a blue checkered bar from approximately 400 to 2800 seconds. A black bar indicates a period of approximately 1200 to 1500 seconds.									

Proposal 15980 - Visit I6 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit I6, withdrawn										Thu Dec 10 14:01:28 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D											
On Hold Comments: Awaiting GW trigger												
Diagnostics	(Visit I6) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit I6) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(7)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1)		
	(8)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2)		
Generic Targets	#	Name		Criteria		Description						
	(1)	GW1		GW transinet		NEUTRON STAR						
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) GW1	WFC3/IR, MULTIACCUM, GRISM1024		F110W	NSAMP=9; SAMP-SEQ=STEP5 0		Pattern 7, Exps 1-1 i n Visit I6 (7)	199.231579 Secs (597.695 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(1) GW1	WFC3/IR, MULTIACCUM, GRISM1024		G102	NSAMP=9; SAMP-SEQ=SPAR S100		Pattern 8, Exps 2-2 i n Visit I6 (8)	802.934875 Secs (6423.479 Secs)		
										[==>(Pattern 1,1)] [==>(Pattern 1,2)]		[1]
										[==>(Pattern 1,3)] [==>(Pattern 1,4)] [==>(Pattern 2,1)]		[2]
										[==>(Pattern 2,2)] [==>(Pattern 2,3)] [==>(Pattern 2,4)]		[3]

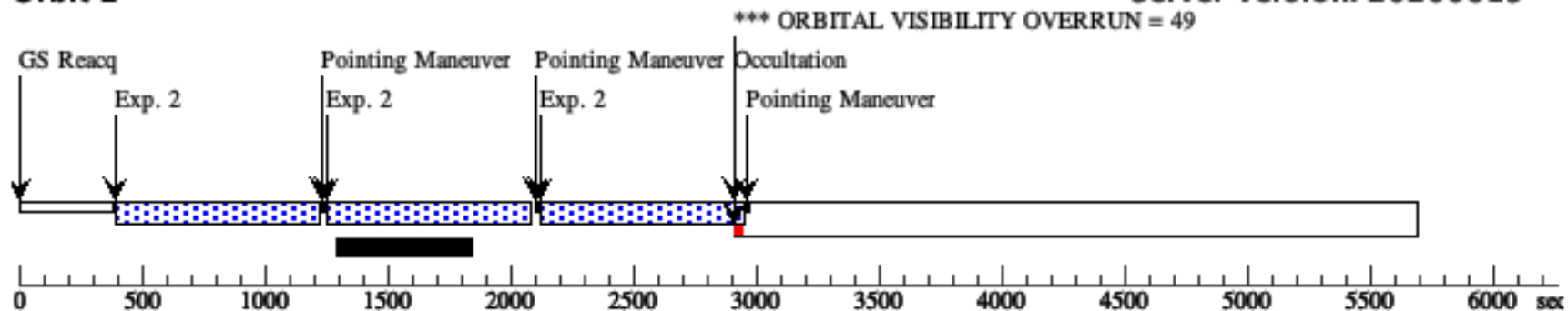
Orbit 1

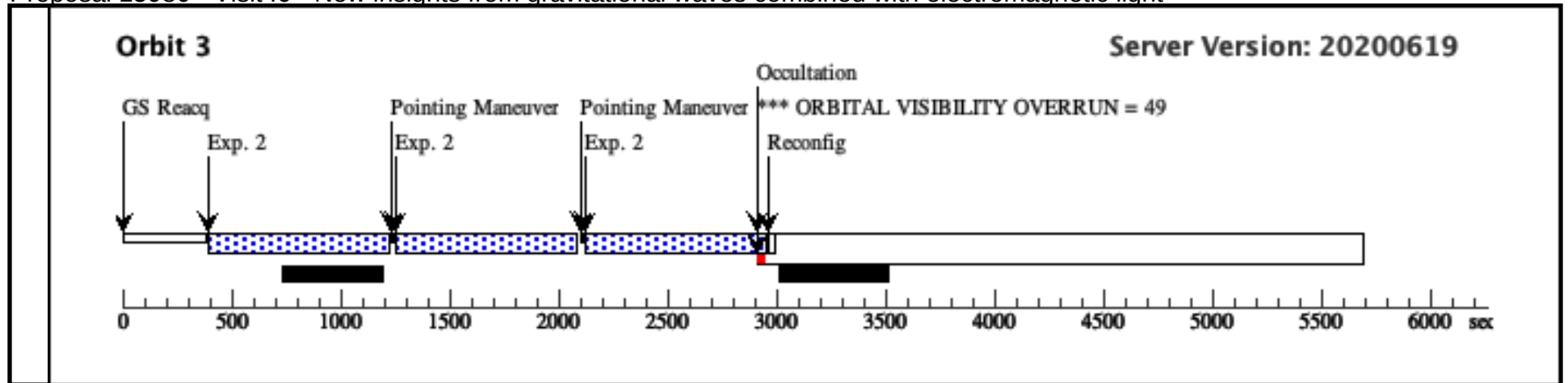
Server Version: 20200619



Orbit 2

Server Version: 20200619



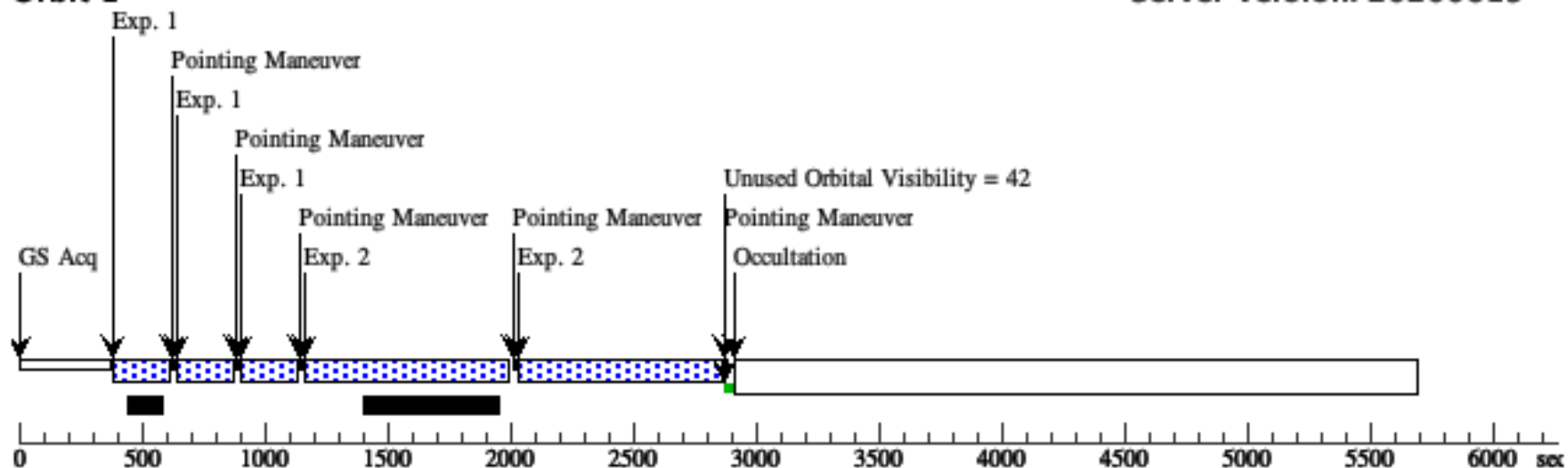


Proposal 15980 - Visit I7 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit I7, withdrawn										Thu Dec 10 14:01:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D										
On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit I7) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit I7) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(7)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1)	
	(8)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2)	
Generic Targets	#	Name	Criteria			Description					
	(1)	GW1	GW transinet			NEUTRON STAR					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) GW1	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=STEP5 0		Pattern 7, Exps 1-1 i n Visit I7 (7)	199.231579 Secs (597.695 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
	2		(1) GW1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=9; SAMP-SEQ=SPAR S100		Pattern 8, Exps 2-2 i n Visit I7 (8)	802.934875 Secs (6423.479 Secs)		
									[==>(Pattern 1,1)]		[1]
									[==>(Pattern 1,2)]		
								[==>(Pattern 1,3)]		[2]	
								[==>(Pattern 1,4)]			
								[==>(Pattern 2,1)]			[3]
								[==>(Pattern 2,2)]			
								[==>(Pattern 2,3)]			
								[==>(Pattern 2,4)]			

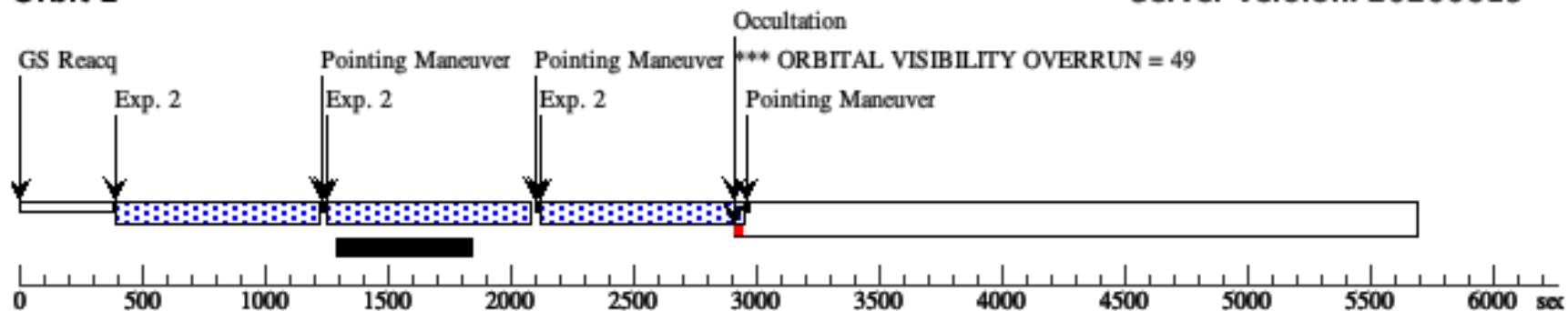
Orbit 1

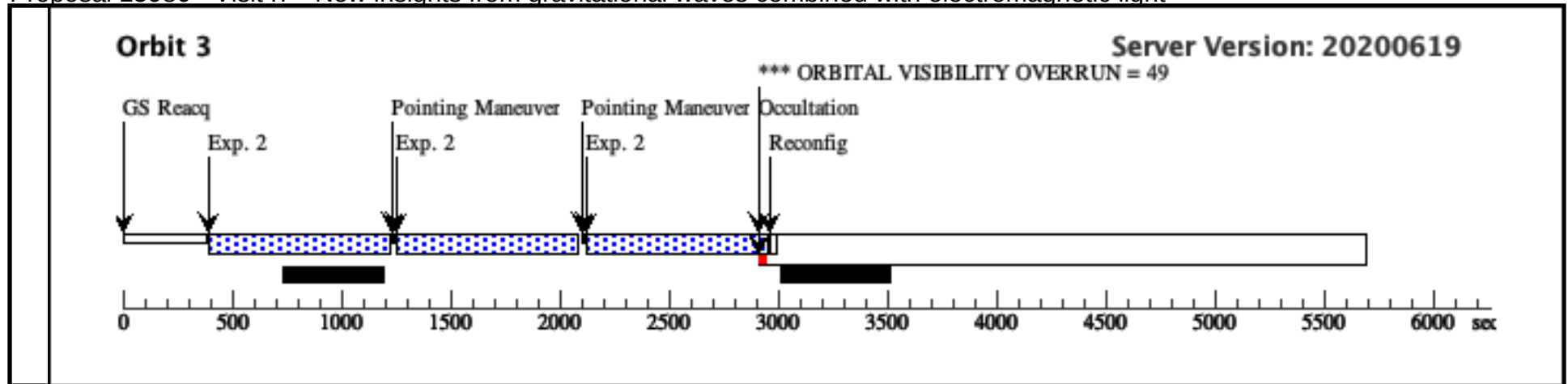
Server Version: 20200619



Orbit 2

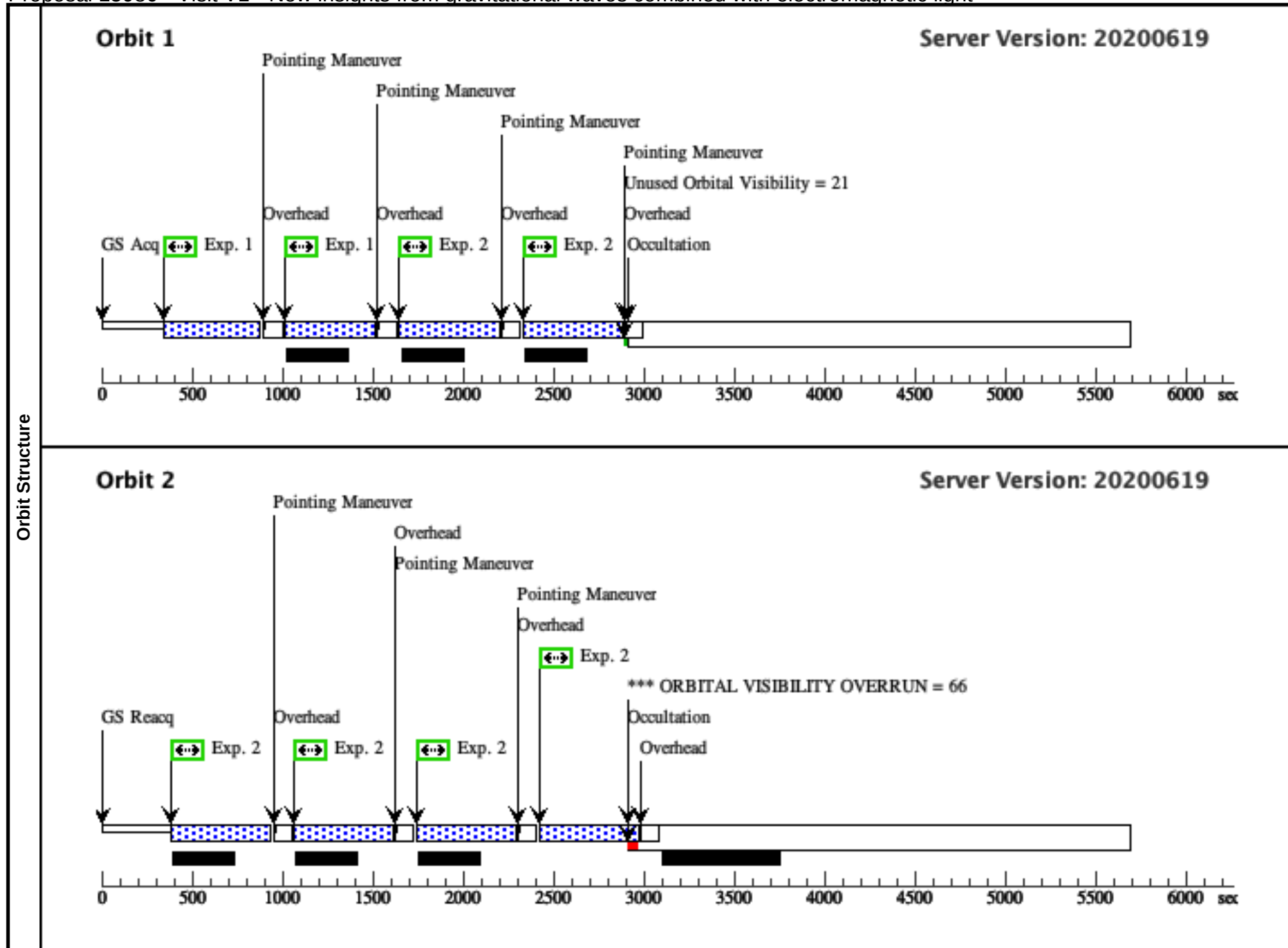
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Proposal 15980 - Visit V1 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit V1, withdrawn										Thu Dec 10 14:01:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D										
On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit V1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(4)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.099 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=3.9 Angle Between Sides= Center Pattern=false	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(2)					
	(6)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(1)			
Generic Targets	#	Name	Criteria	Description							
	(2)	GW2	GW trigger	NEUTRON STAR							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(2) GW2	WFC3/UVIS, ACCUM, UVIS	F300X	FLASH=10	POS TARG 0,-50	Pattern 6, Exps 1-1 i n Visit V1 (6)	500 Secs (1000 Secs)		
									[==>(Pattern 1)]	[1]	
									[==>(Pattern 2)]		
	2		(2) GW2	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO	POS TARG 0,-50	Pattern 4, Exps 2-2 i n Visit V1 (4)	550 Secs (3300 Secs)		
									[==>(Pattern 1,1)]	[1]	
								[==>(Pattern 1,2)]			
								[==>(Pattern 1,3)]	[2]		
								[==>(Pattern 2,1)]			
								[==>(Pattern 2,2)]			
								[==>(Pattern 2,3)]			

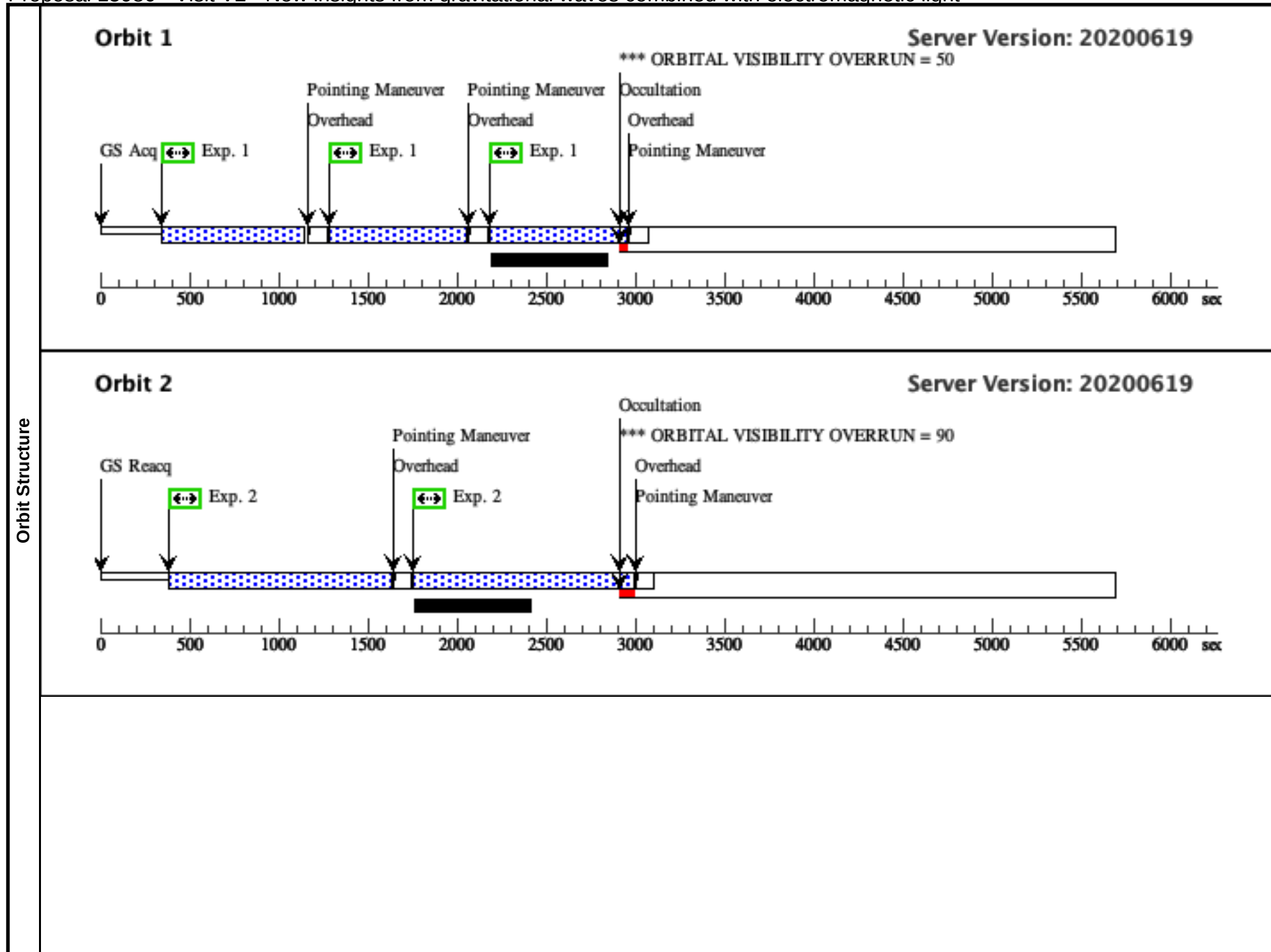


Proposal 15980 - Visit V2 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit V2, withdrawn					Thu Dec 10 14:01:28 GMT 2020
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/UVIS					
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D					
	On Hold Comments: Awaiting GW trigger					
Diagnostics	(Visit V2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(Visit V2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(Visit V2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(Visit V2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(Visit V2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(Visit V2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1)
	(5)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	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	(2)
	(6)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)
Generic Targets	#	Name	Criteria	Description		
	(2)	GW2	GW trigger	NEUTRON STAR		

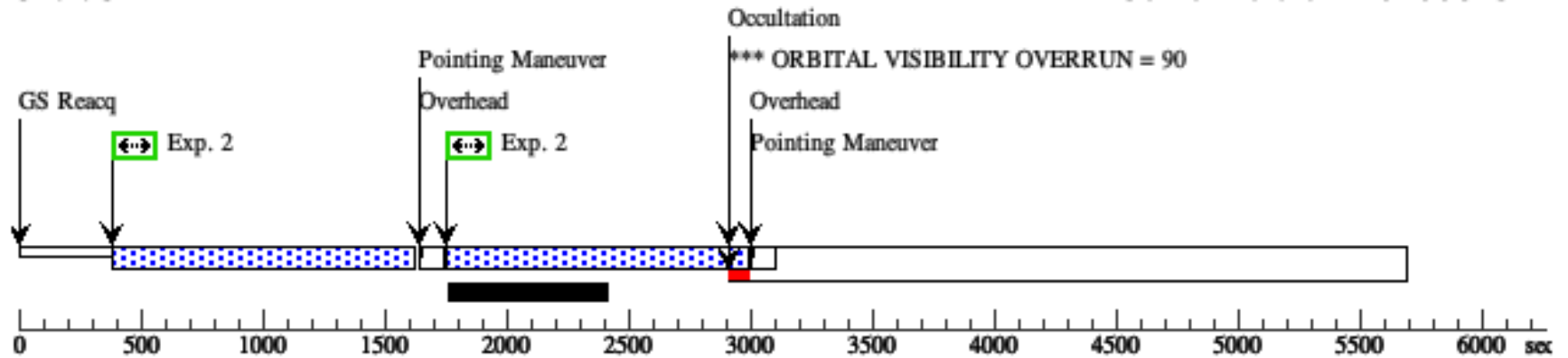
Proposal 15980 - Visit V2 - New insights from gravitational waves combined with electromagnetic light

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GW2	WFC3/UVIS, ACCUM, UVIS	F300X	FLASH=10	POS TARG 0,-50	Pattern 3, Exps 1-1 i n Visit V2 (3)	500 Secs (2307 Secs)	
									[==>769.0 Secs (Pattern 1)]	[1]
									[==>769.0 Secs (Pattern 2)]	
									[==>769.0 Secs (Pattern 3)]	
	2		(2) GW2	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO	POS TARG 0,-50	Pattern 5, Exps 2-2 i n Visit V2 (5)	850 Secs (9920 Secs)	
									[==>1240.0 Secs (Pattern 1,1)]	[2]
									[==>1240.0 Secs (Pattern 1,2)]	
									[==>1240.0 Secs (Pattern 1,3)]	[3]
									[==>1240.0 Secs (Pattern 1,4)]	
									[==>1240.0 Secs (Pattern 2,1)]	[4]
									[==>1240.0 Secs (Pattern 2,2)]	
									[==>1240.0 Secs (Pattern 2,3)]	[5]
									[==>1240.0 Secs (Pattern 2,4)]	
	3		(2) GW2	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO	POS TARG 0,-50	Pattern 6, Exps 3-3 i n Visit V2 (6)	850 Secs (2480 Secs)	
									[==>1240.0 Secs (Pattern 1)]	[6]
									[==>1240.0 Secs (Pattern 2)]	



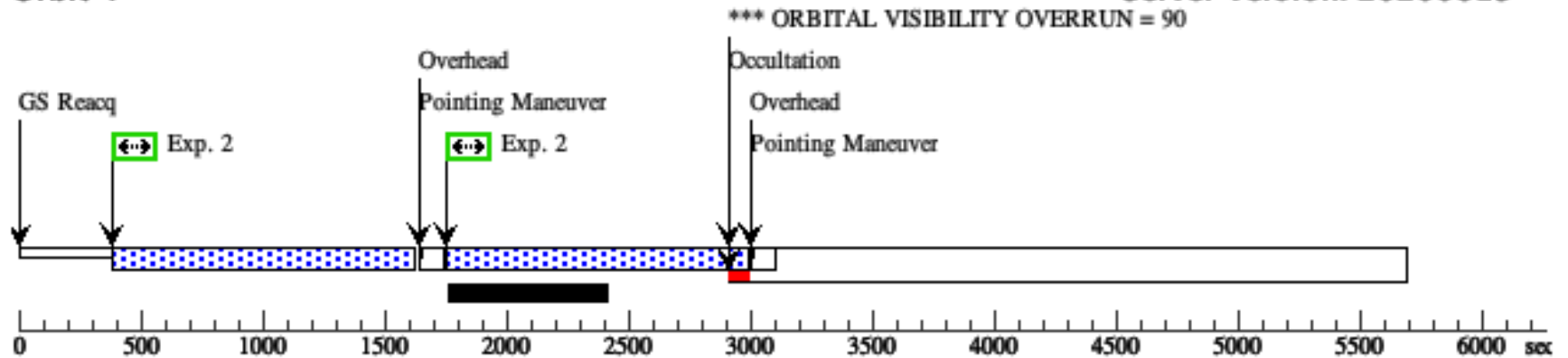
Orbit 3

Server Version: 20200619



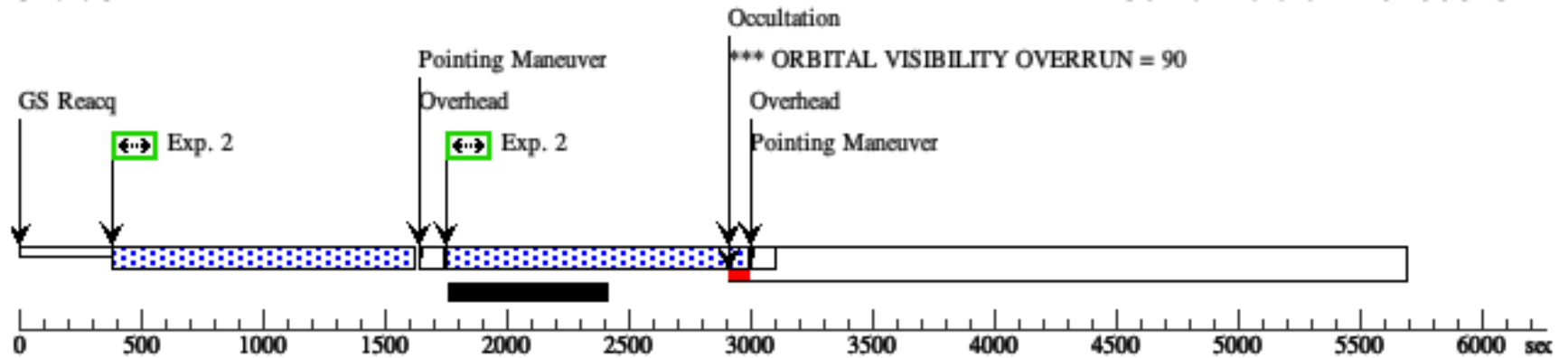
Orbit 4

Server Version: 20200619



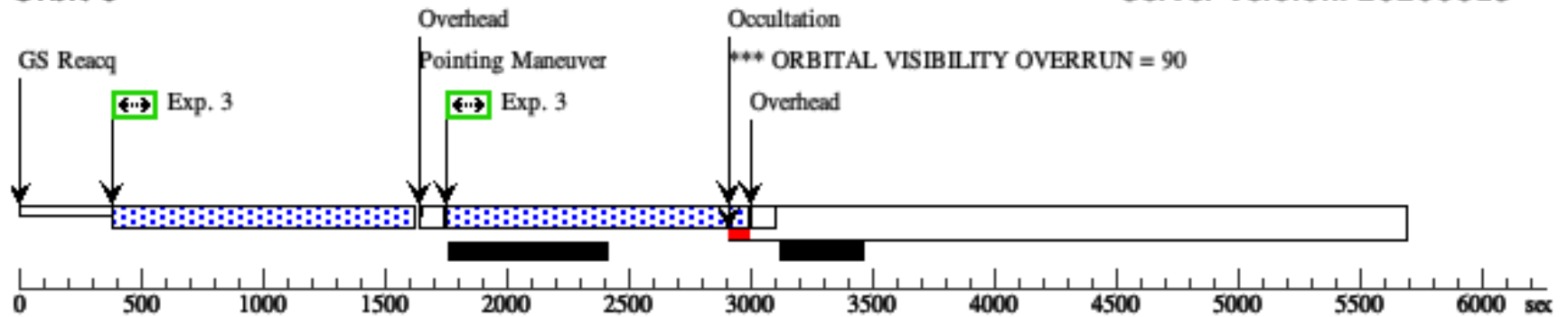
Orbit 5

Server Version: 20200619



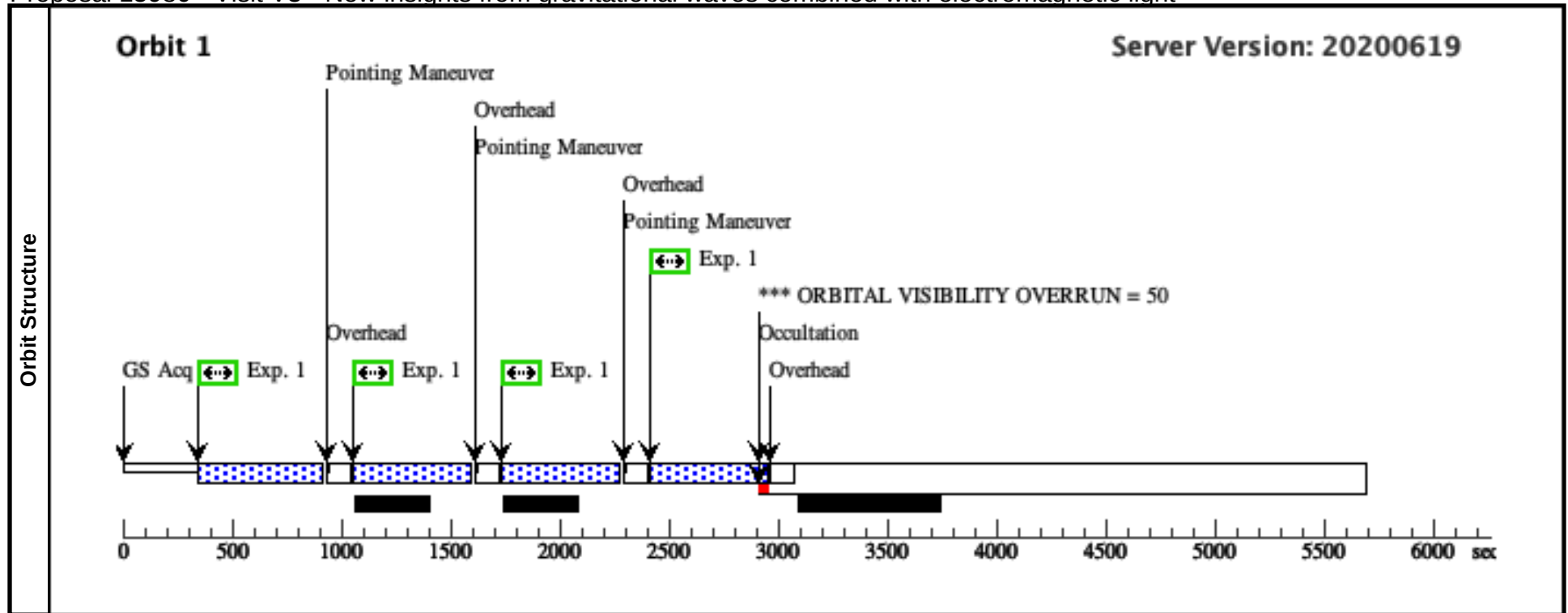
Orbit 6

Server Version: 20200619



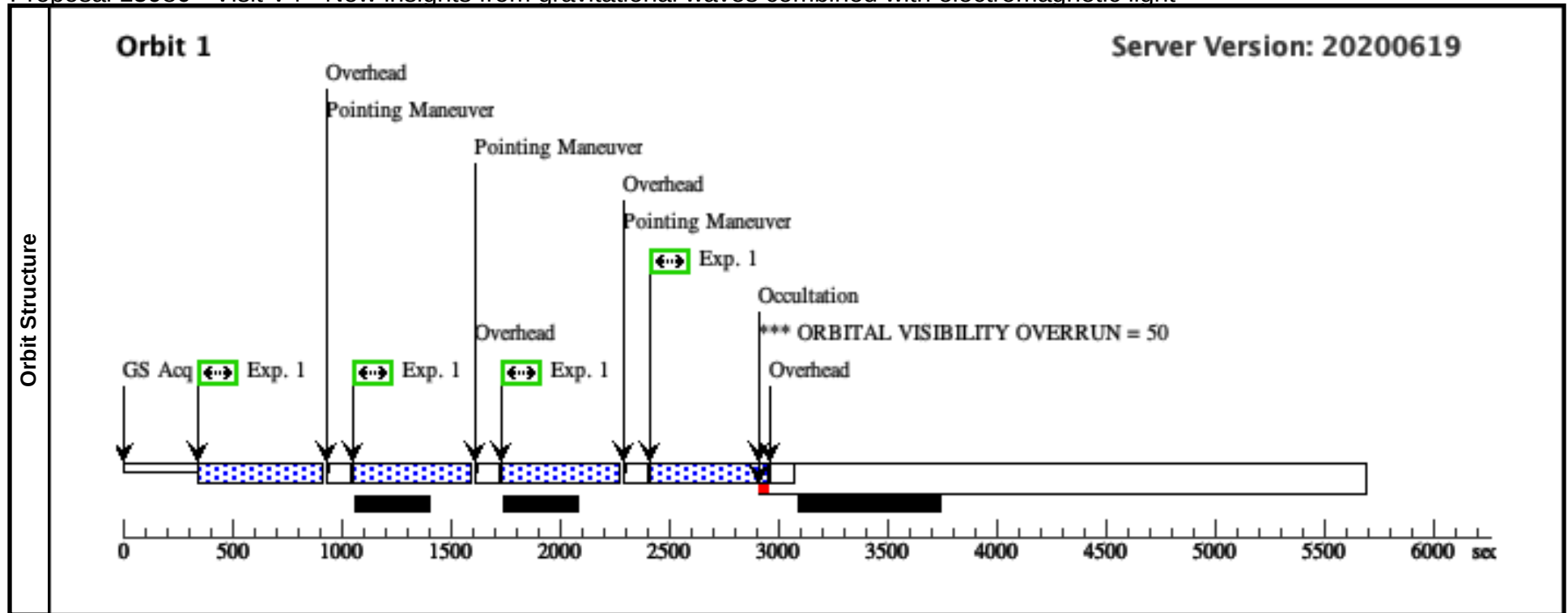
Proposal 15980 - Visit V3 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit V3, withdrawn										Thu Dec 10 14:01:28 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D											
	On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit V3) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(2)	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)		
Generic Targets	#	Name		Criteria		Description						
	(2)	GW2		GW trigger		NEUTRON STAR						
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) GW2	WFC3/UVIS, ACCUM, UVIS		F225W	CR-SPLIT=NO; FLASH=11		Pattern 2, Exps 1-1 in Visit V3 (2)	370 Secs (2172 Secs)		
										[==>543.0 Secs (Pattern 1)]		[1]
										[==>543.0 Secs (Pattern 2)]		
										[==>543.0 Secs (Pattern 3)]		
									[==>543.0 Secs (Pattern 4)]			



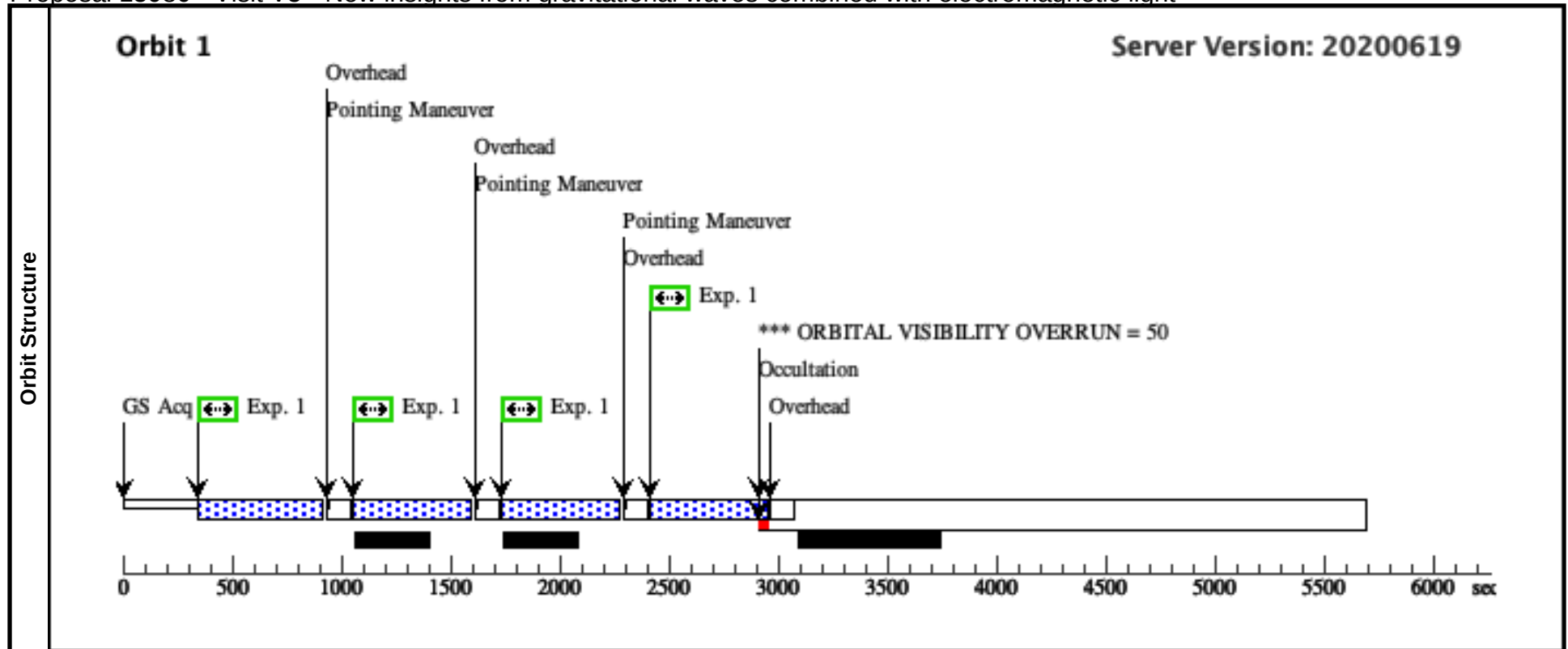
Proposal 15980 - Visit V4 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit V4, withdrawn										Thu Dec 10 14:01:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D										
	On Hold Comments: Awaiting GW trigger										
Diagnostics	(Visit V4) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	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)	
Generic Targets	#	Name		Criteria		Description					
	(2)	GW2		GW trigger		NEUTRON STAR					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) GW2	WFC3/UVIS, ACCUM, UVIS	F275W	CR-SPLIT=NO; FLASH=11		Pattern 2, Exps 1-1 in Visit V4 (2)	370 Secs (2172 Secs)		
									[==>543.0 Secs (Pattern 1)]		[1]
									[==>543.0 Secs (Pattern 2)]		
									[==>543.0 Secs (Pattern 3)]		
								[==>543.0 Secs (Pattern 4)]			



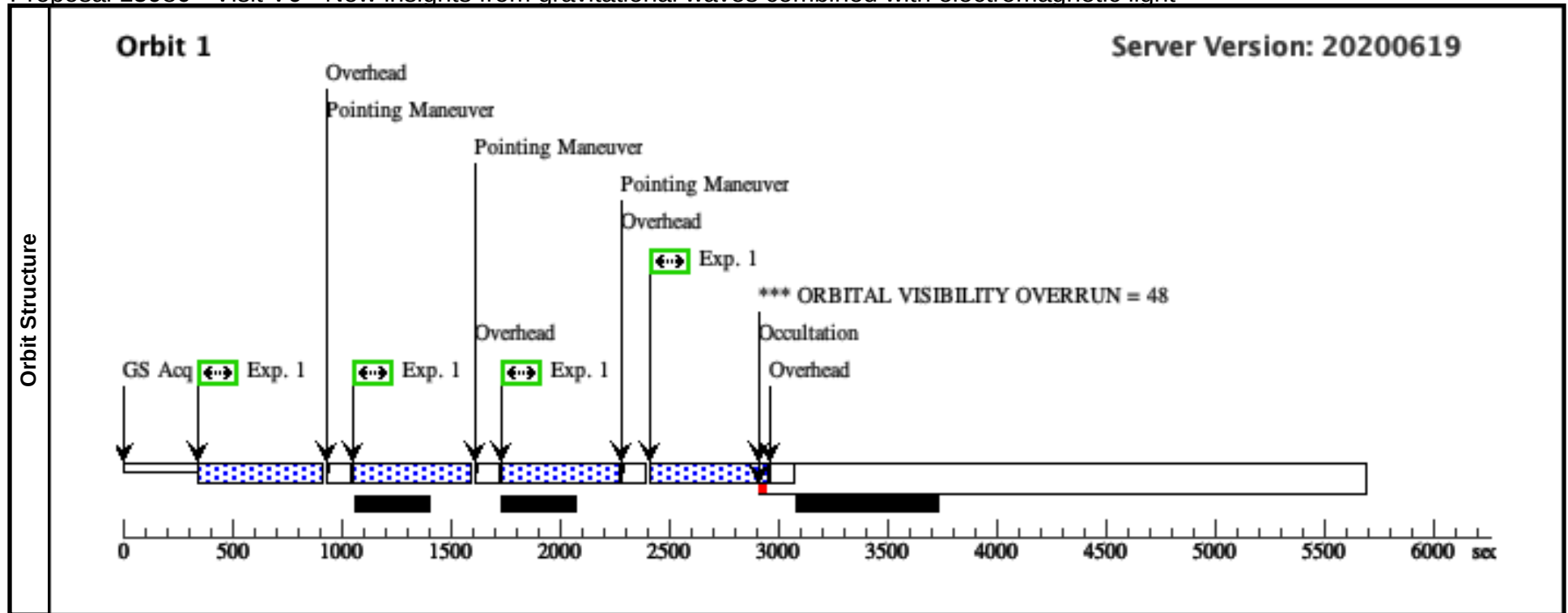
Proposal 15980 - Visit V5 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit V5, withdrawn										Thu Dec 10 14:01:28 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D											
	On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit V5) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(2)	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)		
Generic Targets	#	Name		Criteria		Description						
	(2)	GW2		GW trigger		NEUTRON STAR						
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) GW2	WFC3/UVIS, ACCUM, UVIS		F336W	CR-SPLIT=NO; FLASH=11		Pattern 2, Exps 1-1 in Visit V5 (2)	370 Secs (2172 Secs) [==>543.0 Secs (Pattern 1)] [==>543.0 Secs (Pattern 2)] [==>543.0 Secs (Pattern 3)] [==>543.0 Secs (Pattern 4)]		[1]



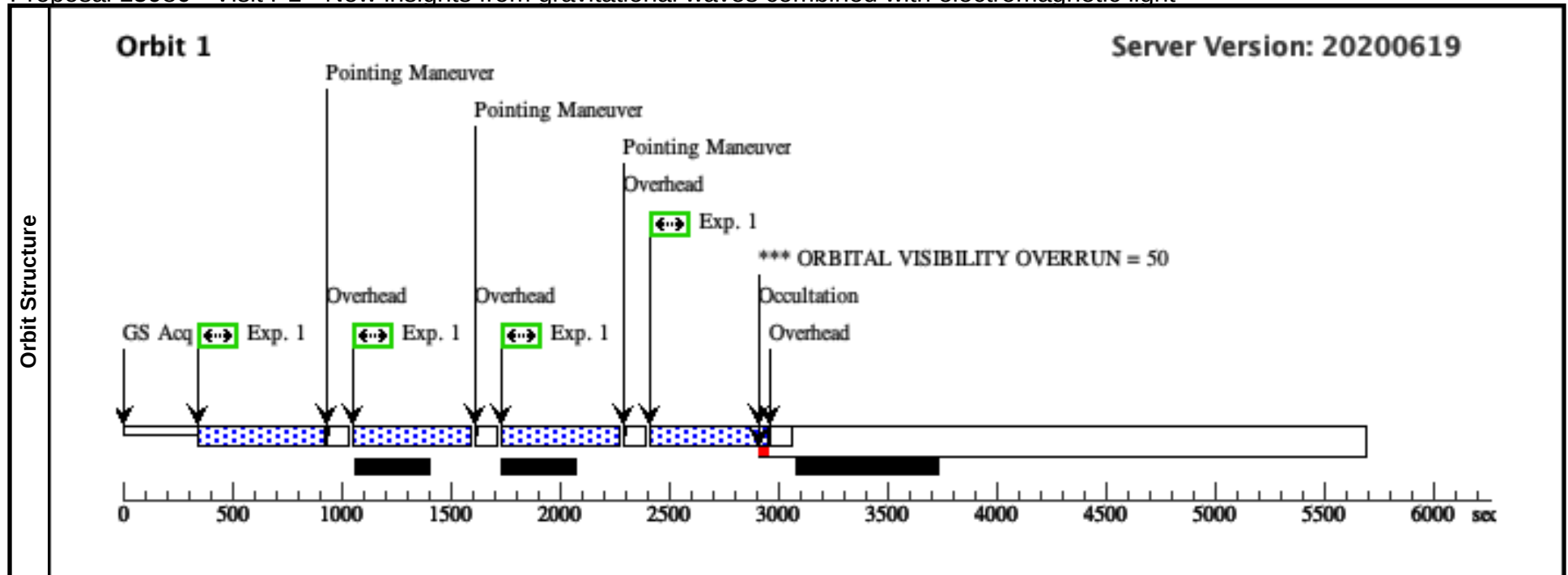
Proposal 15980 - Visit V6 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit V6, withdrawn										Thu Dec 10 14:01:28 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D											
	On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit V6) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(2)	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)		
Generic Targets	#	Name		Criteria		Description						
	(2)	GW2		GW trigger		NEUTRON STAR						
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) GW2	WFC3/UVIS, ACCUM, UVIS		F390W	CR-SPLIT=NO; FLASH=7		Pattern 2, Exps 1-1 in Visit V6 (2)	370 Secs (2176 Secs)		
										[==>544.0 Secs (Pattern 1)]		[1]
										[==>544.0 Secs (Pattern 2)]		
										[==>544.0 Secs (Pattern 3)]		
									[==>544.0 Secs (Pattern 4)]			



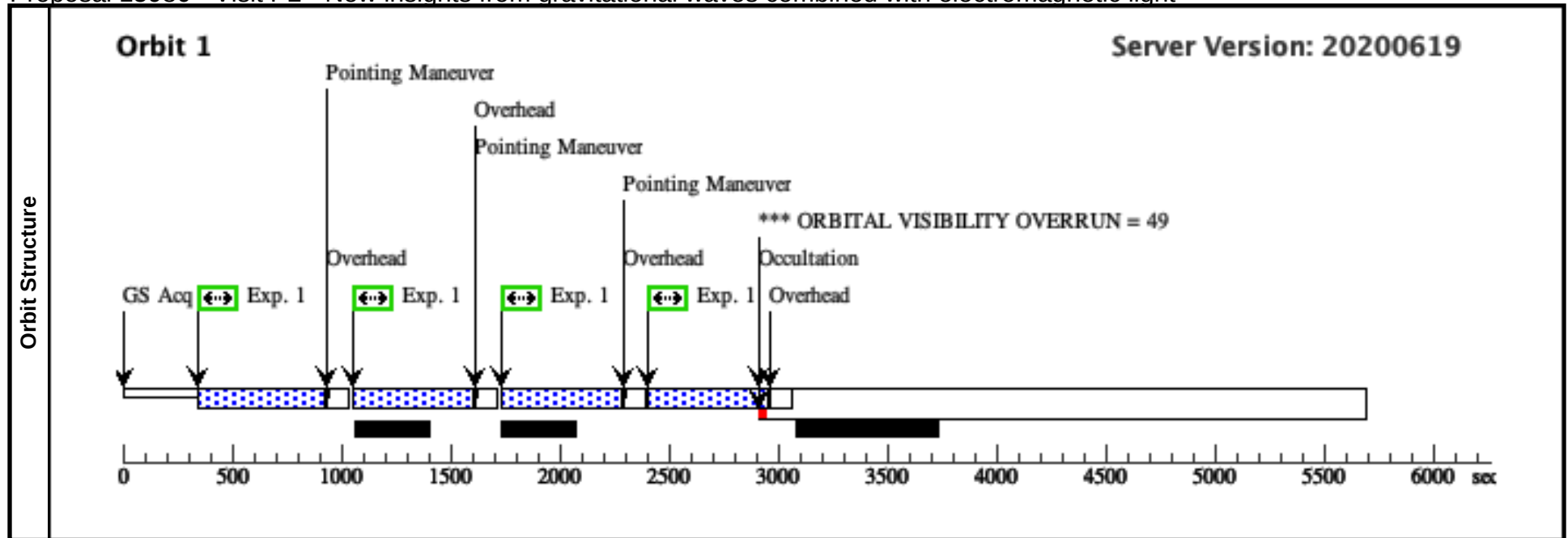
Proposal 15980 - Visit P1 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit P1, withdrawn										Thu Dec 10 14:01:28 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D											
	On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit P1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	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)	
Generic Targets	#	Name		Criteria			Description					
	(3)	GW3		GW trigger			NEUTRON STAR					
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) GW3	WFC3/UVIS, ACCUM, UVIS		F475W	CR-SPLIT=NO; FLASH=2		Pattern 2, Exps 1-1 in Visit P1 (2)	370 Secs (2184 Secs)		
										[==>546.0 Secs (Pattern 1)]		[1]
										[==>546.0 Secs (Pattern 2)]		
										[==>546.0 Secs (Pattern 3)]		
									[==>546.0 Secs (Pattern 4)]			



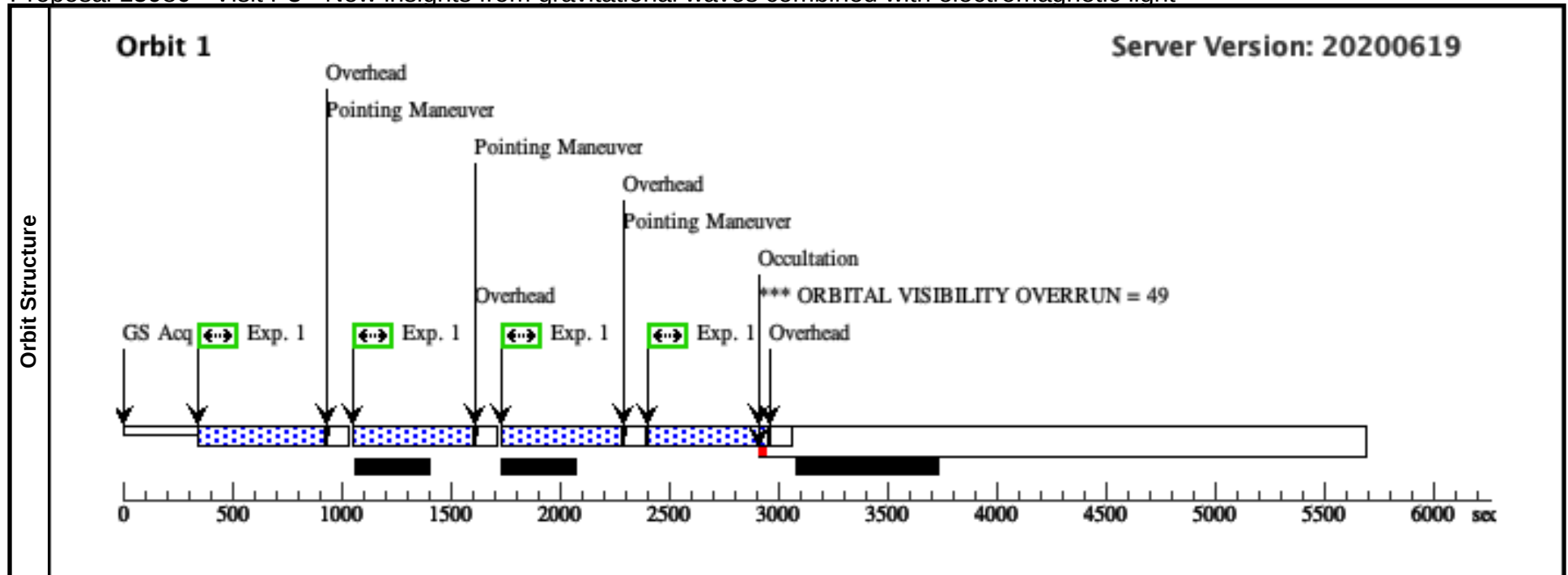
Proposal 15980 - Visit P2 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit P2, withdrawn										Thu Dec 10 14:01:28 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D											
	On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit P2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	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)	
Generic Targets	#	Name		Criteria			Description					
	(3)	GW3		GW trigger			NEUTRON STAR					
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) GW3	WFC3/UVIS, ACCUM, UVIS		F606W	CR-SPLIT=NO		Pattern 2, Exps 1-1 in Visit P2 (2)	370 Secs (2192 Secs)		
										[==>548.0 Secs (Pattern 1)]		[1]
										[==>548.0 Secs (Pattern 2)]		
										[==>548.0 Secs (Pattern 3)]		
									[==>548.0 Secs (Pattern 4)]			



Proposal 15980 - Visit P3 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit P3, withdrawn										Thu Dec 10 14:01:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D										
	On Hold Comments: Awaiting GW trigger										
Diagnosics	(Visit P3) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	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)	
Generic Targets	#	Name		Criteria		Description					
	(3)	GW3		GW trigger		NEUTRON STAR					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) GW3	WFC3/UVIS, ACCUM, UVIS	F814W	CR-SPLIT=NO		Pattern 2, Exps 1-1 in Visit P3 (2)	370 Secs (2192 Secs)		
									[==>548.0 Secs (Pattern 1)]		[1]
									[==>548.0 Secs (Pattern 2)]		
									[==>548.0 Secs (Pattern 3)]		
								[==>548.0 Secs (Pattern 4)]			

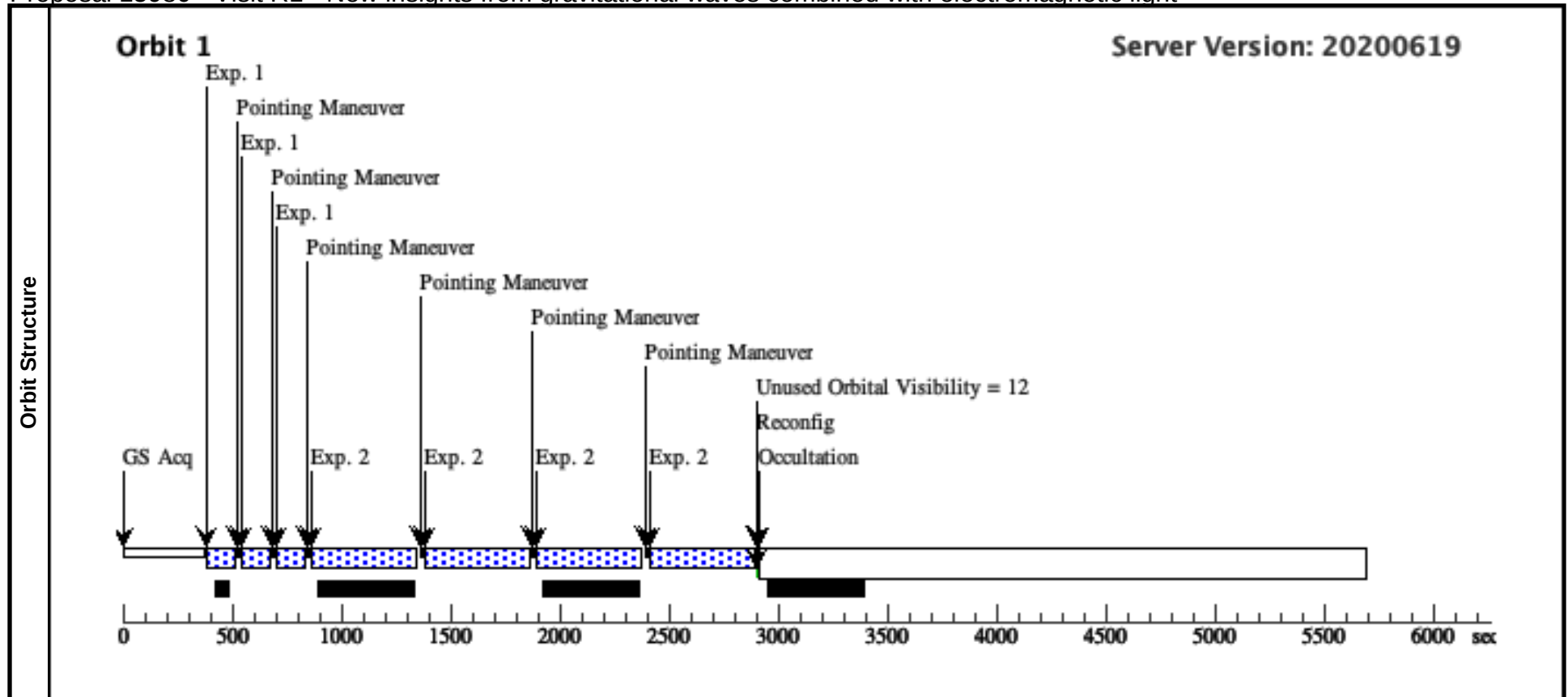


Proposal 15980 - Visit P4 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit P4, withdrawn										Thu Dec 10 14:01:28 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D											
	On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit P4) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	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), (3)	
Generic Targets	#	Name		Criteria		Description						
	(3)	GW3		GW trigger		NEUTRON STAR						
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) GW3	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB		F475W	CR-SPLIT=NO; FLASH=9	POS TARG 0,0	Pattern 2, Exps 1-1 in Visit P4 (2)	148 Secs (592 Secs)		
										[==>(Pattern 1)]		
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
										[==>(Pattern 4)]		[1]
	2		(3) GW3	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB		F814W	CR-SPLIT=NO; FLASH=9		Pattern 2, Exps 2-2 in Visit P4 (2)	135 Secs (540 Secs)		
										[==>(Pattern 1)]		
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
										[==>(Pattern 4)]		[1]
	3		(3) GW3	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB		F606W	FLASH=9		Pattern 2, Exps 3-3 in Visit P4 (2)	85 Secs (340 Secs)		
										[==>(Pattern 1)]		
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
									[==>(Pattern 4)]		[1]	

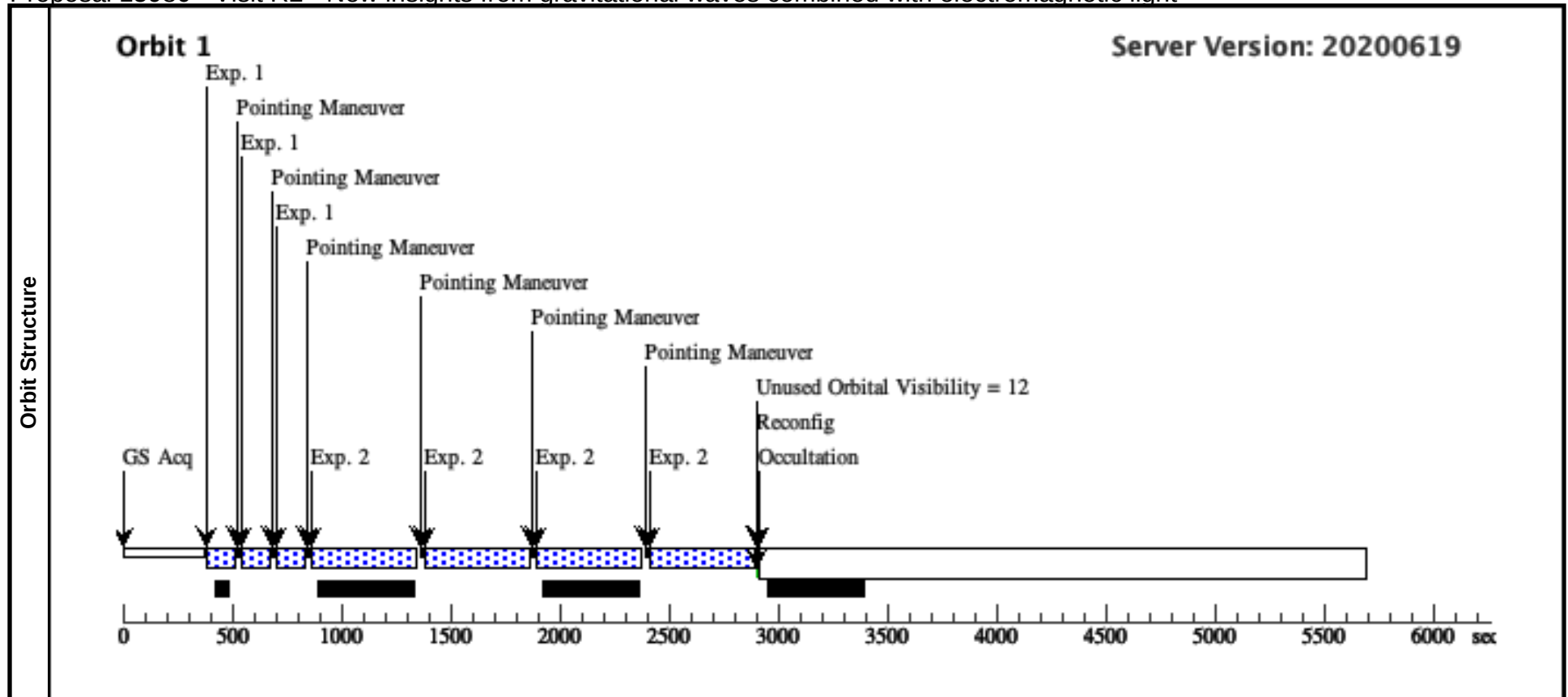
Proposal 15980 - Visit R1 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit R1, withdrawn										Thu Dec 10 14:01:28 GMT 2020		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: SCHED 100%; ORIENT 125D TO 135 D; ON HOLD ; TOO RESPONSE TIME 3.0D												
	On Hold Comments: Awaiting GW trigger												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365			Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false							(2)	
	(7)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(1)	
Generic Targets	#	Name		Criteria		Description							
	(4)	GW4		GW trigger		NEUTRON STAR							
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(4) GW4	WFC3/IR, MULTIACCUM, GRISM1024		F110W	NSAMP=7; SAMP-SEQ=STEP50		Pattern 7, Exps 1-1 in Visit R1 (7)	99.230677 Secs (297.692 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(4) GW4	WFC3/IR, MULTIACCUM, GRISM1024		G102	NSAMP=10; SAMP-SEQ=SPAR S50		Pattern 1, Exps 2-2 in Visit R1 (1)	452.93635 Secs (1811.745 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	



Proposal 15980 - Visit R2 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit R2, withdrawn Thu Dec 10 14:01:28 GMT 2020									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D <i>On Hold Comments: Awaiting GW trigger</i>									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365				Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(2)
	(7)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false				(1)
Generic Targets	#	Name	Criteria			Description				
	(4)	GW4	GW trigger			NEUTRON STAR				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) GW4	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=STEP50		Pattern 7, Exps 1-1 in Visit R2 (7)	99.230677 Secs (297.692 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(4) GW4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPARS50		Pattern 1, Exps 2-2 in Visit R2 (1)	452.93635 Secs (1811.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15980 - Visit R3 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit R3, withdrawn Thu Dec 10 14:01:28 GMT 2020									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D <i>On Hold Comments: Awaiting SGRB trigger</i>									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365				Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)
Generic Targets	#	Name	Criteria				Description			
	(4)	GW4	GW trigger				NEUTRON STAR			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) GW4	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 50; NSAMP=12		Pattern 1, Exps 1-1 in Visit R3 (1)	552.937252 Secs (2211.749 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
Orbit Structure	Orbit 1 Server Version: 20200619									

Proposal 15980 - Visit R4 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit R4, withdrawn Thu Dec 10 14:01:28 GMT 2020									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D <i>On Hold Comments: Awaiting SGRB trigger</i>									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365				Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)
Generic Targets	#	Name	Criteria				Description			
	(4)	GW4	GW trigger				NEUTRON STAR			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) GW4	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 50; NSAMP=12		Pattern 1, Exps 1-1 in Visit R4 (1)	552.937252 Secs (2211.749 Secs) [= > (Pattern 1)] [= > (Pattern 2)] [= > (Pattern 3)] [= > (Pattern 4)]	[1]
Orbit Structure	Orbit 1 Server Version: 20200619									

Proposal 15980 - Visit R5 - New insights from gravitational waves combined with electromagnetic light

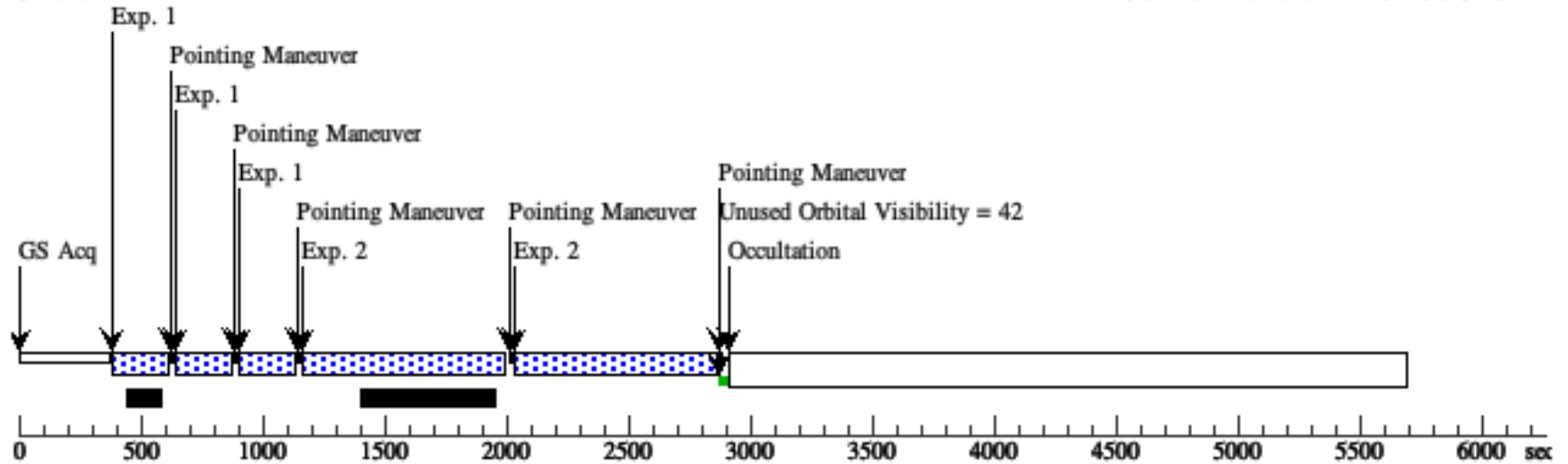
Visit	Proposal 15980, Visit R5, withdrawn Thu Dec 10 14:01:28 GMT 2020									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D <i>On Hold Comments: Awaiting SGRB trigger</i>									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365				Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)
Generic Targets	#	Name	Criteria				Description			
	(4)	GW4	GW trigger				NEUTRON STAR			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) GW4	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS NSAMP=12		Pattern 1, Exps 1-1 in Visit R5 (1)	552.937252 Secs (2211.749 Secs) [= > (Pattern 1)] [= > (Pattern 2)] [= > (Pattern 3)] [= > (Pattern 4)]	[1]
Orbit Structure	Orbit 1 Server Version: 20200619									
	The diagram illustrates the orbit structure for Orbit 1, spanning from 0 to 6000 seconds. Key events and phases are marked: GS Acq: Ground Station Acquisition at approximately 250 seconds. Exp. 1: Four exposure periods, each lasting approximately 100 seconds, occurring at roughly 400, 1000, 1600, and 2200 seconds. Pointing Maneuver: Three maneuvers, each lasting approximately 100 seconds, occurring at roughly 800, 1400, and 2000 seconds. Reconfig: Reconfiguration period at approximately 2800 seconds. Occultation: A period of approximately 1000 seconds (from 2800 to 3800 seconds) where the target is obscured. Unused Orbital Visibility = 95: A label indicating the percentage of the orbit used for observations.									

Proposal 15980 - Visit R6 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit R6, withdrawn										Thu Dec 10 14:01:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D										
On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit R6) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit R6) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(7)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1)	
	(8)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2)	
Generic Targets	#	Name	Criteria			Description					
	(4)	GW4	GW trigger			NEUTRON STAR					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) GW4	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=STEP5 0		Pattern 7, Exps 1-1 in Visit R6 (7)	199.231579 Secs (597.695 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(4) GW4	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Pattern 8, Exps 2-2 in Visit R6 (8)	802.934875 Secs (6423.479 Secs)		
									[==>(Pattern 1,1)] [==>(Pattern 1,2)]		[1]
									[==>(Pattern 1,3)] [==>(Pattern 1,4)] [==>(Pattern 2,1)]		[2]
									[==>(Pattern 2,2)] [==>(Pattern 2,3)] [==>(Pattern 2,4)]		[3]

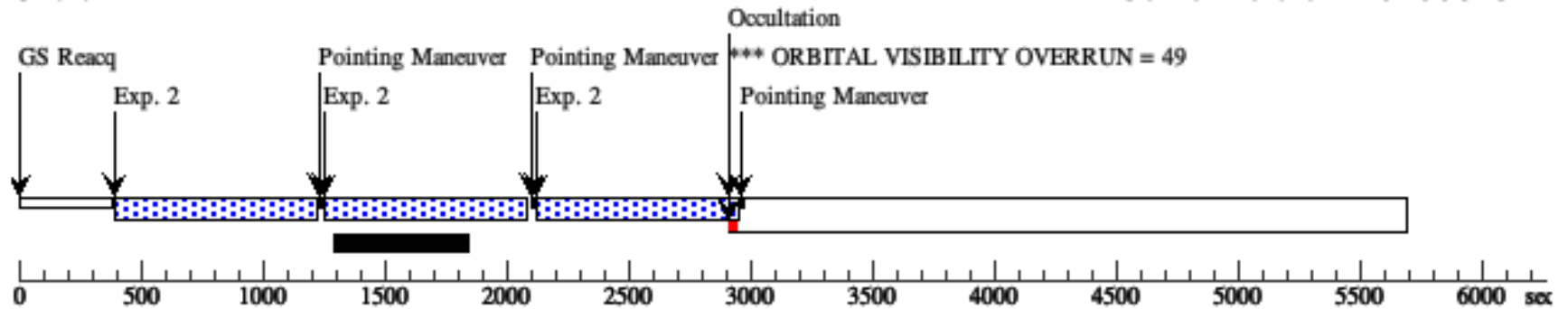
Orbit 1

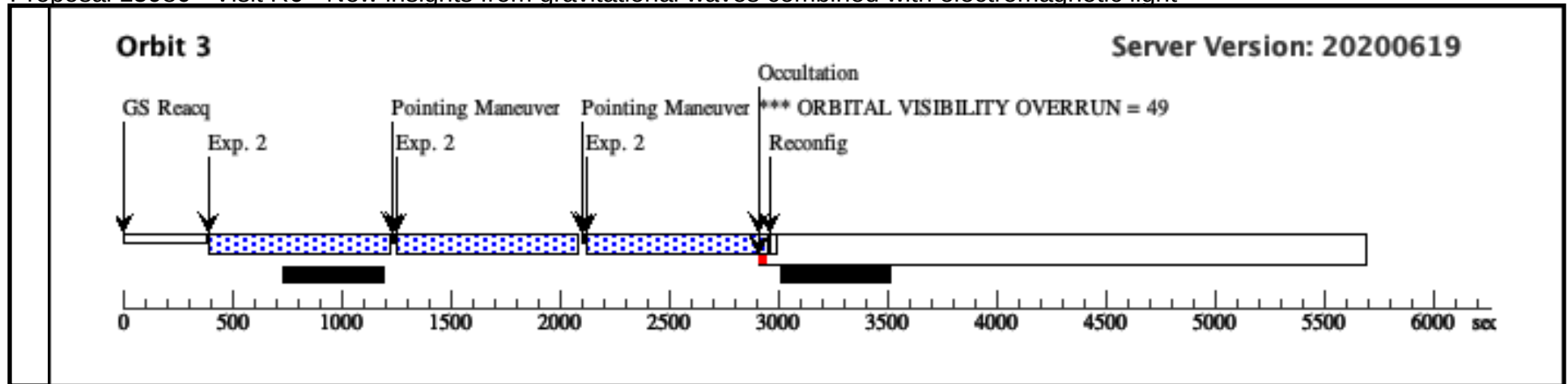
Server Version: 20200619



Orbit 2

Server Version: 20200619



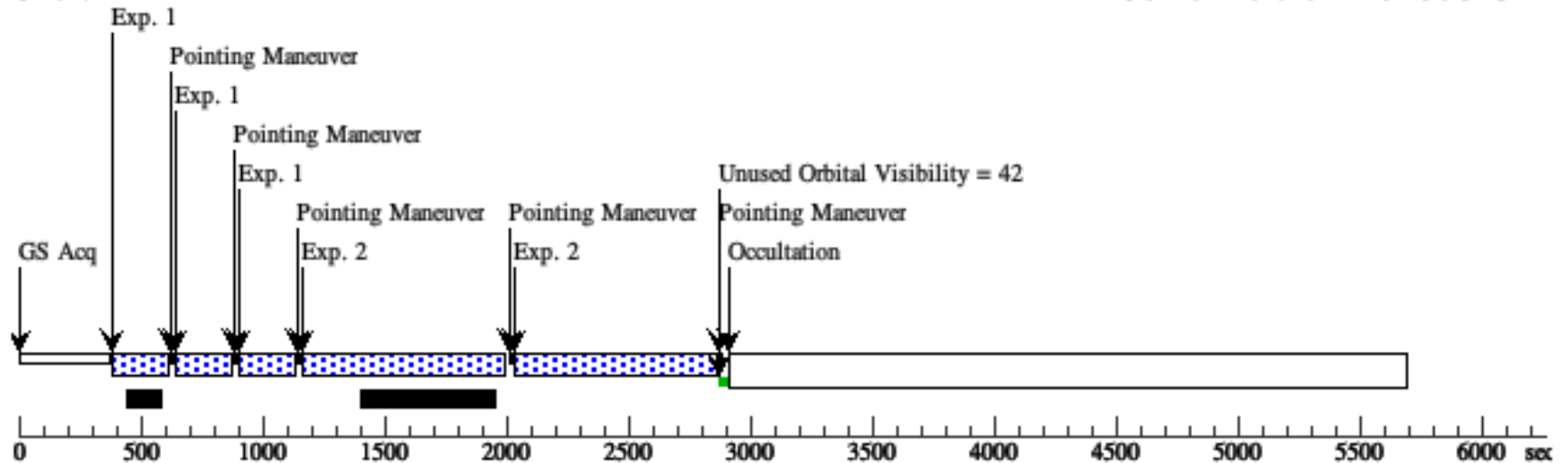


Proposal 15980 - Visit R7 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit R7, withdrawn										Thu Dec 10 14:01:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; ON HOLD ; TOO RESPONSE TIME 3.0D										
On Hold Comments: Awaiting GW trigger											
Diagnostics	(Visit R7) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit R7) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(7)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1)	
	(8)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2)	
Generic Targets	#	Name	Criteria			Description					
	(4)	GW4	GW trigger			NEUTRON STAR					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) GW4	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=STEP5 0		Pattern 7, Exps 1-1 i n Visit R7 (7)	199.231579 Secs (597.695 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(4) GW4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=9; SAMP-SEQ=SPAR S100		Pattern 8, Exps 2-2 i n Visit R7 (8)	802.934875 Secs (6423.479 Secs)		
									[==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)] [==>(Pattern 2,1)]		[1] [2]
									[==>(Pattern 2,2)] [==>(Pattern 2,3)] [==>(Pattern 2,4)]		[3]

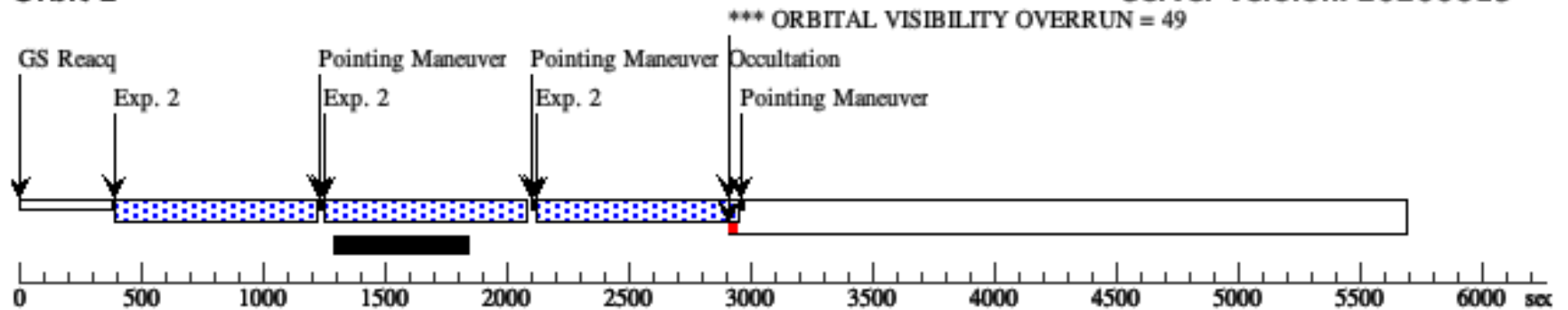
Orbit 1

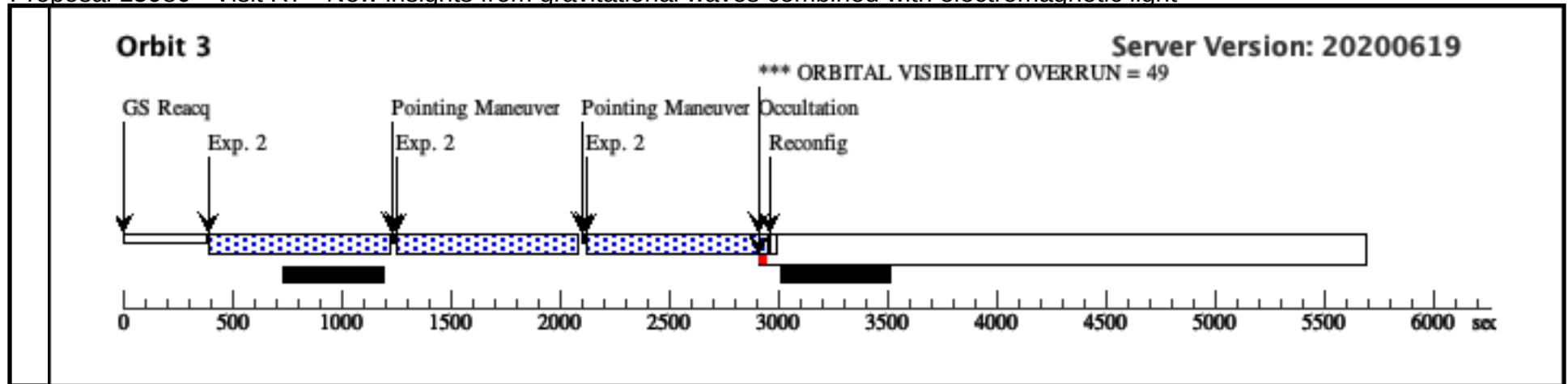
Server Version: 20200619

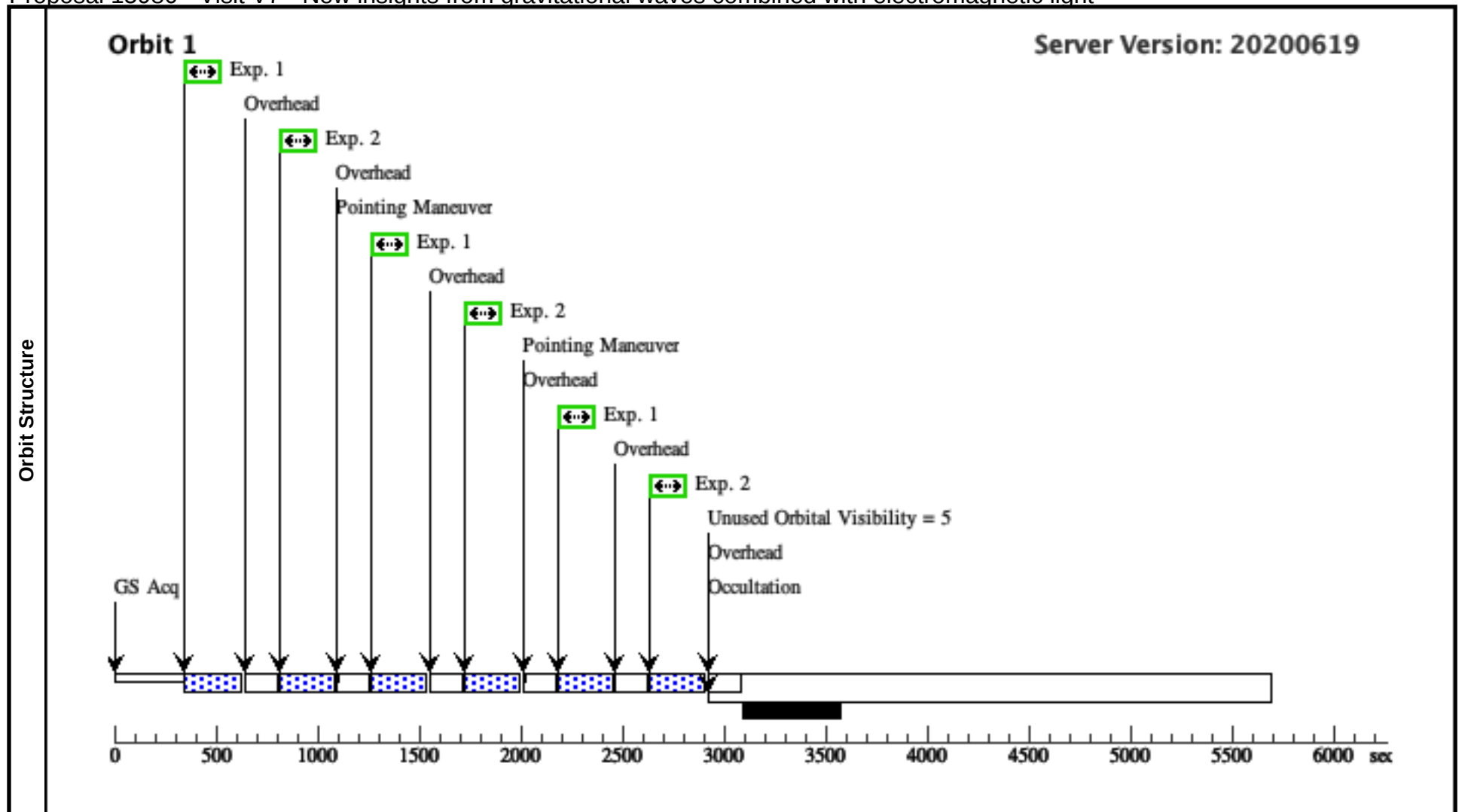


Orbit 2

Server Version: 20200619

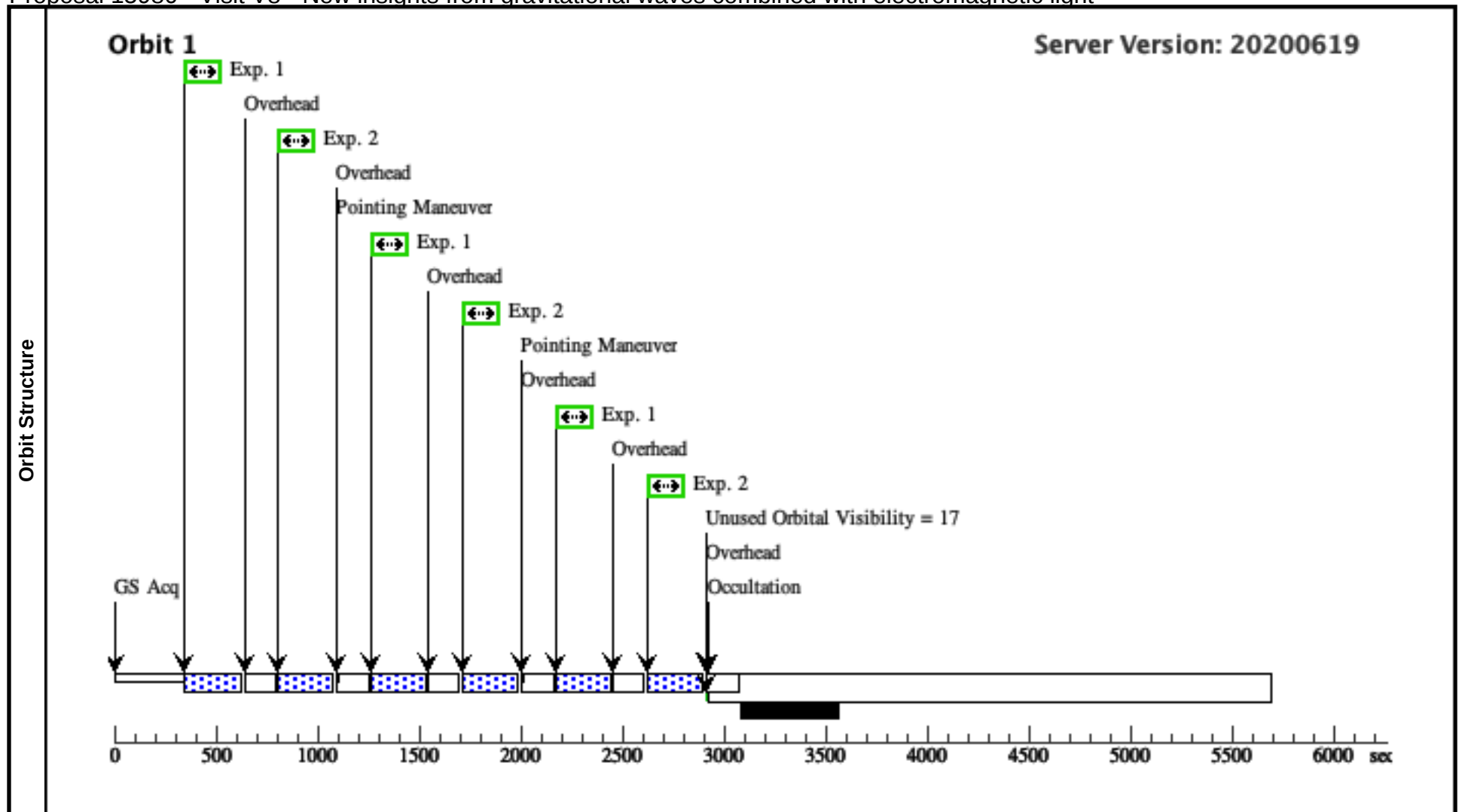




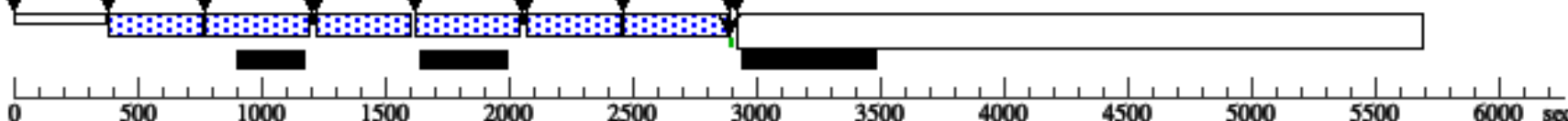


Proposal 15980 - Visit V8 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit V8, completed										Thu Dec 10 14:01:29 GMT 2020	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; BEFORE 28-FEB-2020:00:00:00; SEQ V7,V8 WITHIN 3 D											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1-2)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	AT2019WXT		RA: 01 55 41.9400 (28.9247500d) Dec: +31 25 4.40 (31.41789d) Equinox: J2000				V=17		Reference Frame: ICRS		
	Comments: Category=EXT-STAR Description=[SUPERNOVA]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) AT2019WXT	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB		F606W	FLASH=2		Pattern 3, Exps 1-2 in Visit V8 (3)	250 Secs (750 Secs)		
										[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
	2		(5) AT2019WXT	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB		F814W	FLASH=7		Pattern 3, Exps 1-2 in Visit V8 (3)	250 Secs (750 Secs)		
										[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]

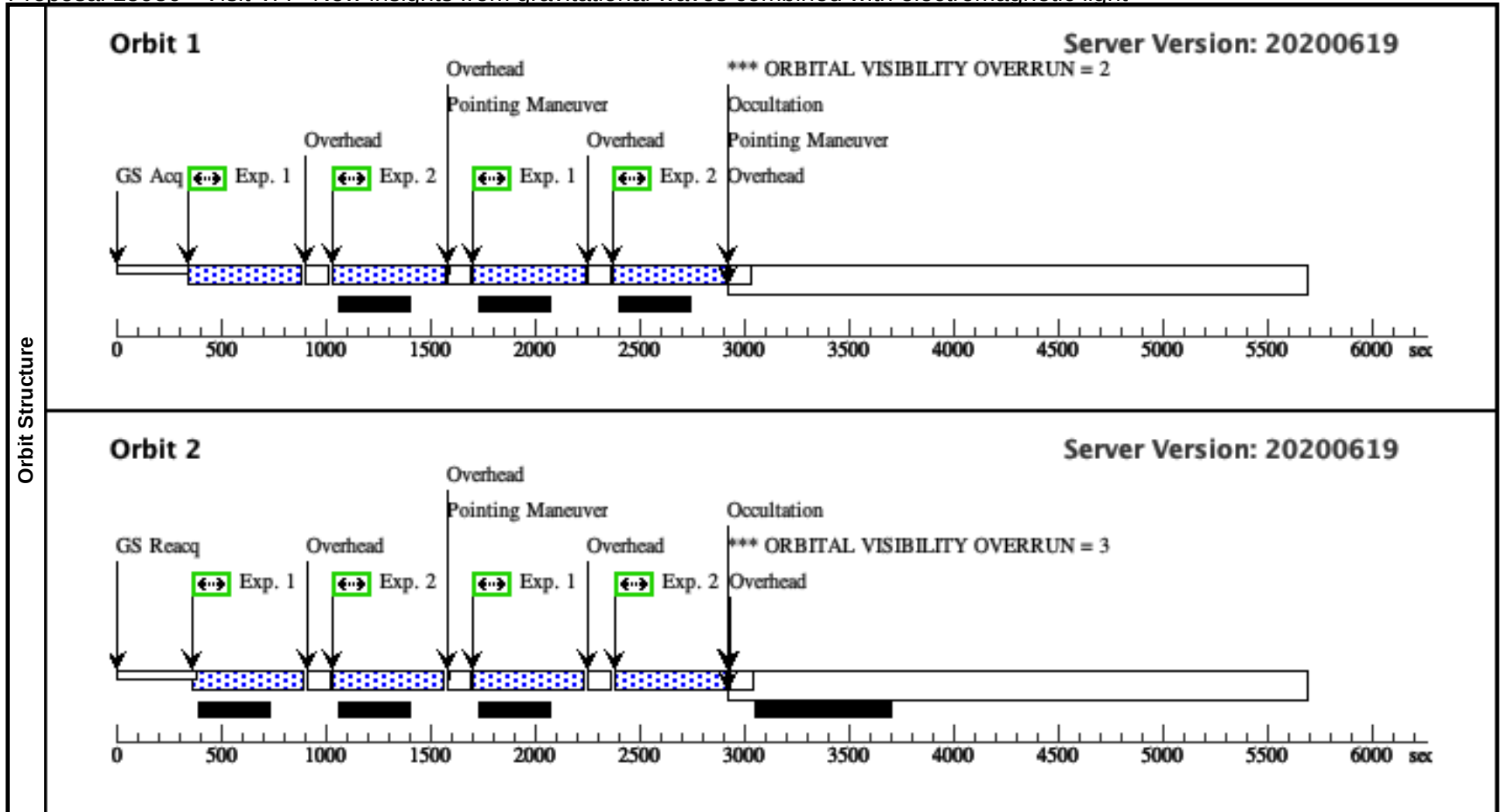


Proposal 15980 - Visit V9 - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit V9, completed					Thu Dec 10 14:01:29 GMT 2020				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: SCHED 100%; BEFORE 28-FEB-2020:00:00:00; SEQ V7,V9 WITHIN 3 D									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(7)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false					(1-2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	AT2019WXT	RA: 01 55 41.9400 (28.9247500d) Dec: +31 25 4.40 (31.41789d) Equinox: J2000		V=17	Reference Frame: ICRS				
	Comments: Category=EXT-STAR Description=[SUPERNOVA]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) AT2019WXT	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=8; SAMP-SEQ=SPAR S50		Pattern 7, Exps 1-2 in Visit V9 (7)	352.935448 Secs (1058.806 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(5) AT2019WXT	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=9; SAMP-SEQ=SPAR S50		Pattern 7, Exps 1-2 in Visit V9 (7)	402.935899 Secs (1208.808 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20200619									
	Unused Orbital Visibility = 29									
	GS Acq Exp. 1 Exp. 2 Pointing Maneuver Exp. 1 Exp. 2 Pointing Maneuver Exp. 1 Exp. 2 Reconfig Occultation									
										

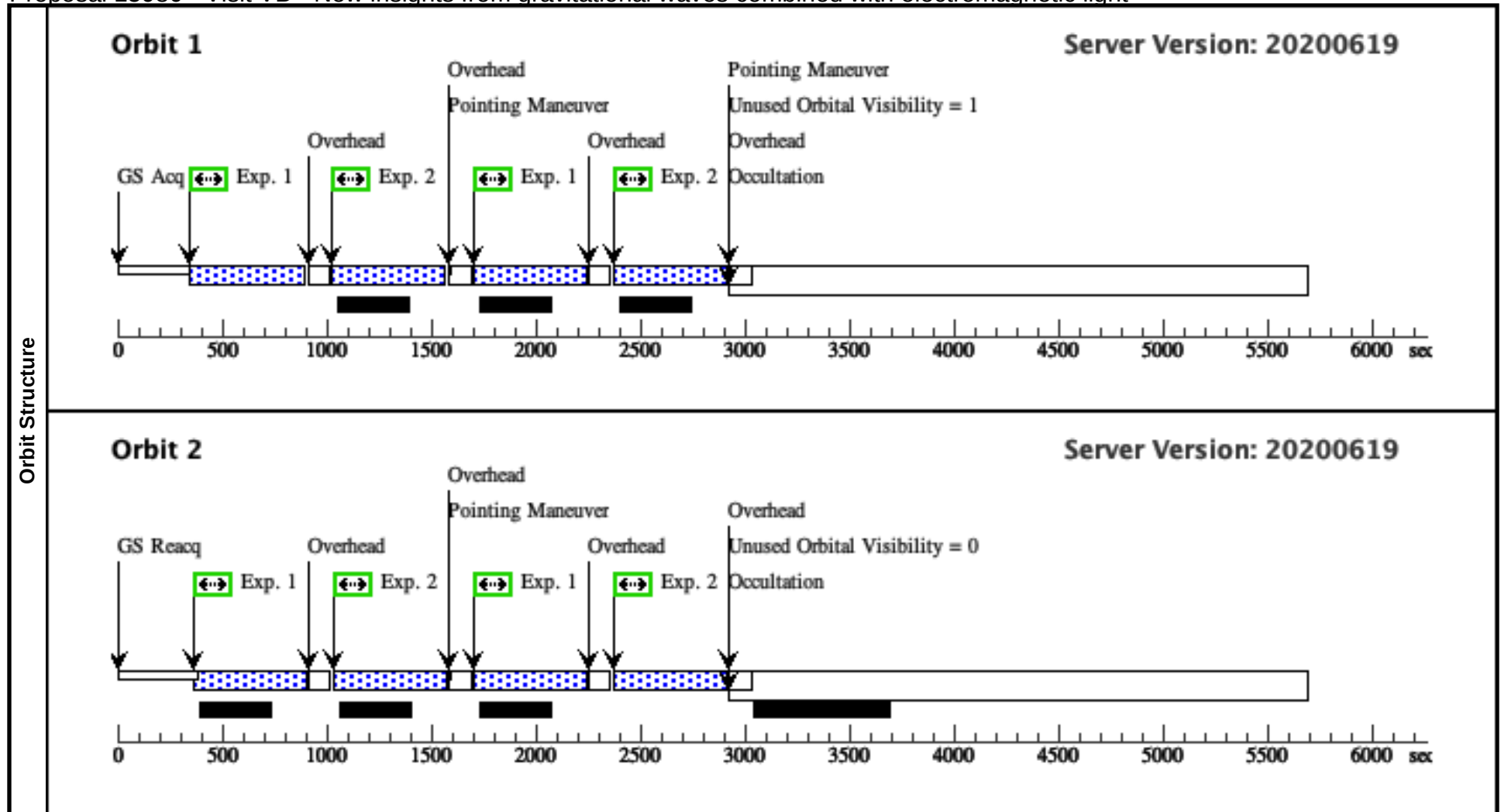
Proposal 15980 - Visit VA - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit VA, completed				Thu Dec 10 14:01:29 GMT 2020					
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: SCHED 100%; BEFORE 01-NOV-2020:00:00:00									
Diagnostics	(Visit VA) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit VA) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Exposure 1 (Pattern 2, Exps 1-2 in Visit VA)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
	(Exposure 2 (Pattern 2, Exps 1-2 in Visit VA)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	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	
	(5)	AT2019WXT	RA: 01 55 41.9400 (28.9247500d) Dec: +31 25 4.40 (31.41789d) Equinox: J2000				V=17		Reference Frame: ICRS	
	Comments: Category=EXT-STAR Description=[SUPERNOVA]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) AT2019WXT	WFC3/UVIS, ACCUM, UVIS2	F390W	FLASH=16		Pattern 2, Exps 1-2 in Visit VA (2)	500 Secs (2056 Secs)	
									[==>515.0 Secs (Pattern 1)]	
									[==>515.0 Secs (Pattern 2)]	[1]
									[==>513.0 Secs (Pattern 3)]	
									[==>513.0 Secs (Pattern 4)]	[2]
	2		(5) AT2019WXT	WFC3/UVIS, ACCUM, UVIS2	F475W	FLASH=10		Pattern 2, Exps 1-2 in Visit VA (2)	500 Secs (2056 Secs)	
									[==>515.0 Secs (Pattern 1)]	
								[==>515.0 Secs (Pattern 2)]	[1]	
								[==>513.0 Secs (Pattern 3)]		
								[==>513.0 Secs (Pattern 4)]	[2]	



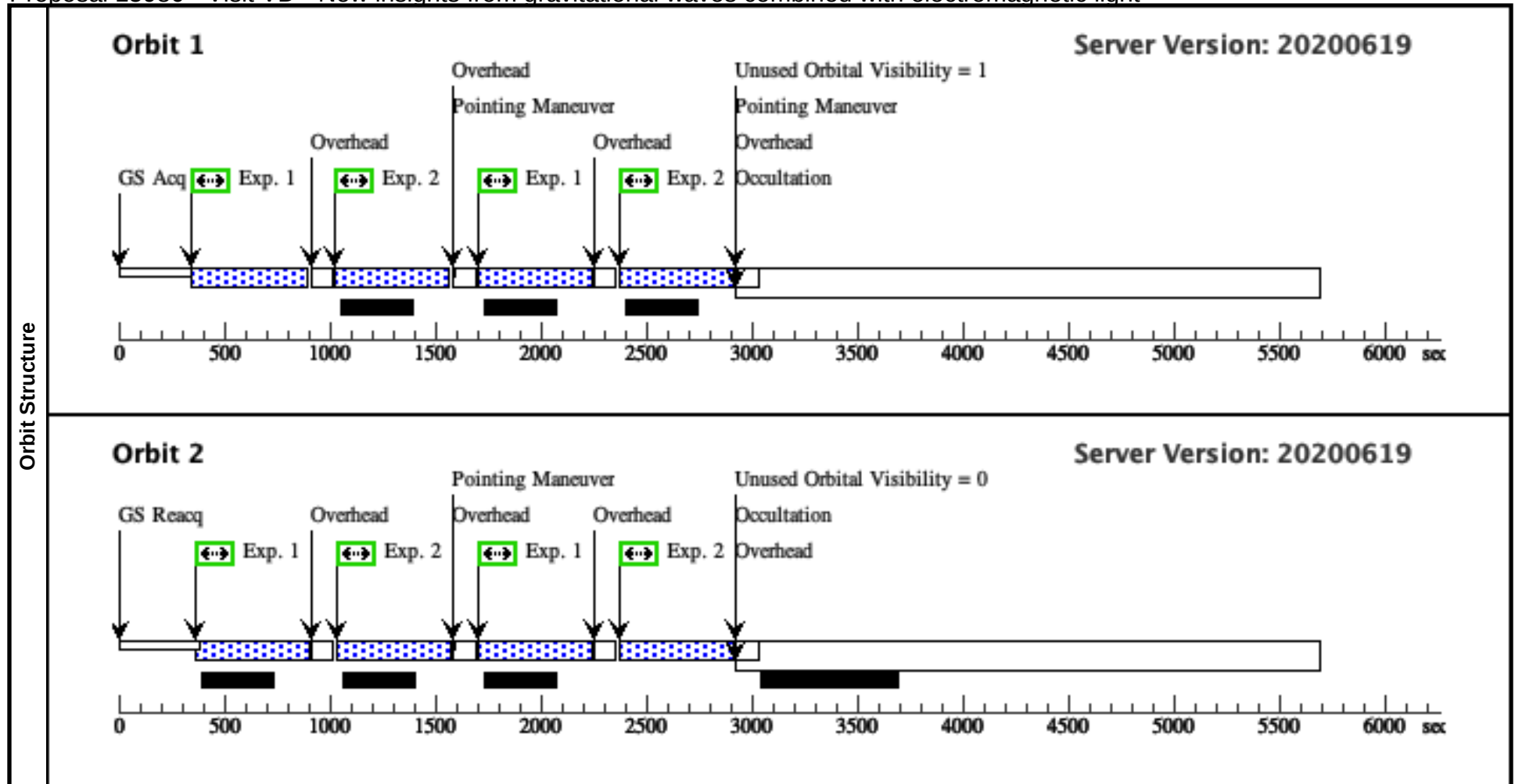
Proposal 15980 - Visit VB - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit VB, failed										Thu Dec 10 14:01:29 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; BEFORE 01-NOV-2020:00:00:00											
Diagnostics	(Exposure 2 (Pattern 2, Exps 1-2 in Visit VB)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	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			
	(5)	AT2019WXT	RA: 01 55 41.9400 (28.9247500d) Dec: +31 25 4.40 (31.41789d) Equinox: J2000				V=17		Reference Frame: ICRS			
	Comments: Category=EXT-STAR Description=[SUPERNOVA]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(5) AT2019WXT	WFC3/UVIS, ACCUM, UVIS2	F606W			Pattern 2, Exps 1-2 in Visit VB (2)	500 Secs (2072 Secs)			
									[==>519.0 Secs (Pattern 1)]		[1]	
									[==>519.0 Secs (Pattern 2)]			
									[==>517.0 Secs (Pattern 3)]			
	[==>517.0 Secs (Pattern 4)]		[2]									
	2		(5) AT2019WXT	WFC3/UVIS, ACCUM, UVIS2	F814W	FLASH=9		Pattern 2, Exps 1-2 in Visit VB (2)	500 Secs (2072 Secs)			
									[==>519.0 Secs (Pattern 1)]		[1]	
[==>519.0 Secs (Pattern 2)]												
[==>517.0 Secs (Pattern 3)]												
[==>517.0 Secs (Pattern 4)]		[2]										



Proposal 15980 - Visit VD - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit VD, implementation										Thu Dec 10 14:01:29 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%										
Comments: HOPR copy of VB											
Diagnostics	(Exposure 2 (Pattern 2, Exps 1-2 in Visit VD)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	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		
	(5)	AT2019WXT	RA: 01 55 41.9400 (28.9247500d) Dec: +31 25 4.40 (31.41789d) Equinox: J2000				V=17		Reference Frame: ICRS		
Comments: Category=EXT-STAR Description=[SUPERNOVA]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(5) AT2019WXT	WFC3/UVIS, ACCUM, UVIS2	F606W				Pattern 2, Exps 1-2 in Visit VD (2)	500 Secs (2072 Secs)		
									[==>519.0 Secs (Pattern 1)]		[1]
									[==>519.0 Secs (Pattern 2)]		
									[==>517.0 Secs (Pattern 3)]		[2]
	[==>517.0 Secs (Pattern 4)]										
	2	(5) AT2019WXT	WFC3/UVIS, ACCUM, UVIS2	F814W		FLASH=9		Pattern 2, Exps 1-2 in Visit VD (2)	500 Secs (2072 Secs)		
[==>519.0 Secs (Pattern 1)]									[1]		
[==>519.0 Secs (Pattern 2)]											
[==>517.0 Secs (Pattern 3)]									[2]		
[==>517.0 Secs (Pattern 4)]											

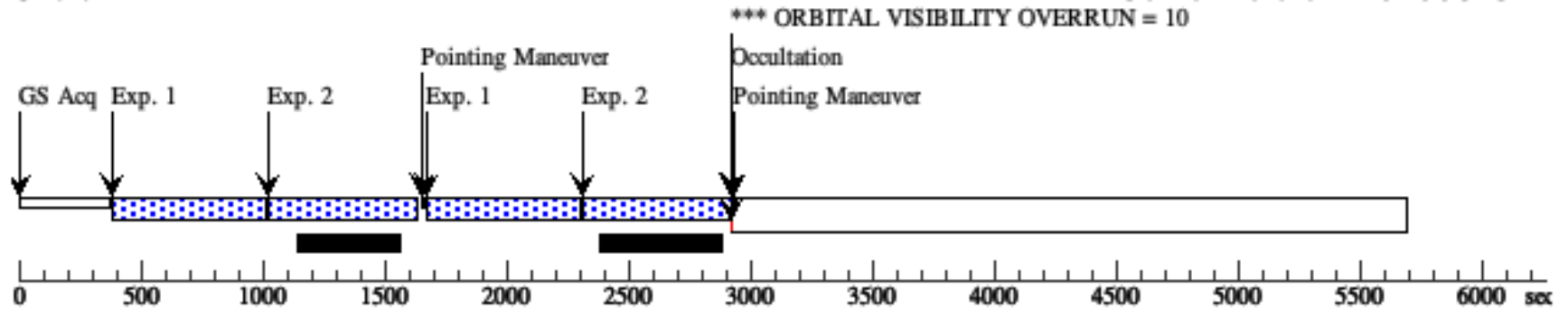


Proposal 15980 - Visit VC - New insights from gravitational waves combined with electromagnetic light

Visit	Proposal 15980, Visit VC, completed										Thu Dec 10 14:01:29 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR												
	Special Requirements: SCHED 100%; BEFORE 01-NOV-2020:00:00:00												
Diagnostics	(Visit VC) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(Visit VC) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365			Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false							(1-2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(5)	AT2019WXT		RA: 01 55 41.9400 (28.9247500d) Dec: +31 25 4.40 (31.41789d) Equinox: J2000					V=17		Reference Frame: ICRS		
	Comments: Category=EXT-STAR Description=[SUPERNOVA]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(5) AT2019WXT	WFC3/IR, MULTIACCUM, IR		F125W	NSAMP=12; SAMP-SEQ=STEP100		Pattern 1, Exps 1-2 in Visit VC (1)	599.232292 Secs (2396.929 Secs)			
										[==>(Pattern 1)]		[1]	
										[==>(Pattern 2)]			
										[==>(Pattern 3)]		[2]	
										[==>(Pattern 4)]			
	2		(5) AT2019WXT	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=12; SAMP-SEQ=STEP100		Pattern 1, Exps 1-2 in Visit VC (1)	599.232292 Secs (2396.929 Secs)			
										[==>(Pattern 1)]		[1]	
									[==>(Pattern 2)]				
									[==>(Pattern 3)]		[2]		
									[==>(Pattern 4)]				

Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619

