



15287 - The Path Forward for Lyman-Continuum Studies at $z \sim 3$

Cycle: 25, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) Q0933-1-IR	WFC3/IR	3	06-Nov-2018 16:00:17.0	yes
02	(1) Q0933-1-IR	WFC3/IR	3	06-Nov-2018 16:00:19.0	yes
03	(2) Q0933-1-ACS	ACS/WFC	3	06-Nov-2018 16:00:21.0	yes
04	(3) Q0933-2-IR	WFC3/IR	3	06-Nov-2018 16:00:22.0	yes
05	(3) Q0933-2-IR	WFC3/IR	3	06-Nov-2018 16:00:24.0	yes
06	(4) Q0933-2-ACS	ACS/WFC	3	06-Nov-2018 16:00:26.0	yes
07	(10) Q1422-1-IR	WFC3/IR	3	06-Nov-2018 16:00:28.0	yes
08	(10) Q1422-1-IR	WFC3/IR	3	06-Nov-2018 16:00:30.0	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>
09	(11) Q1422-1-ACS	ACS/WFC	3	06-Nov-2018 16:00:31.0	yes
10	(12) Q1422-2-IR	WFC3/IR	3	06-Nov-2018 16:00:33.0	yes
11	(12) Q1422-2-IR	WFC3/IR	3	06-Nov-2018 16:00:34.0	yes
12	(13) Q1422-3-IR	WFC3/IR	3	06-Nov-2018 16:00:36.0	yes
13	(13) Q1422-3-IR	WFC3/IR	3	06-Nov-2018 16:00:37.0	yes
14	(14) Q1422-2-3-ACS	ACS/WFC	3	06-Nov-2018 16:00:39.0	yes
15	(16) DSF2237B-1-IR	WFC3/IR	3	06-Nov-2018 16:00:41.0	yes
16	(16) DSF2237B-1-IR	WFC3/IR	3	06-Nov-2018 16:00:43.0	yes
17	(17) DSF2237B-2-IR	WFC3/IR	3	06-Nov-2018 16:00:44.0	yes
18	(17) DSF2237B-2-IR	WFC3/IR	3	06-Nov-2018 16:00:46.0	yes
19	(18) DSF2237B-1-2-ACS	ACS/WFC	3	06-Nov-2018 16:00:47.0	yes
20	(15) Q1549-1-IR	WFC3/IR	3	06-Nov-2018 16:00:49.0	yes
21	(15) Q1549-1-IR	WFC3/IR	3	06-Nov-2018 16:00:50.0	yes
22	(5) WESTPHAL-1-IR	WFC3/IR	3	06-Nov-2018 16:00:52.0	yes
23	(5) WESTPHAL-1-IR	WFC3/IR	3	06-Nov-2018 16:00:54.0	yes
24	(6) WESTPHAL-2-IR	WFC3/IR	3	06-Nov-2018 16:00:56.0	yes
25	(6) WESTPHAL-2-IR	WFC3/IR	3	06-Nov-2018 16:00:57.0	yes
26	(7) WESTPHAL-1-2-ACS	ACS/WFC	3	06-Nov-2018 16:00:59.0	yes
27	(8) WESTPHAL-3-IR	WFC3/IR	3	06-Nov-2018 16:01:00.0	yes
28	(8) WESTPHAL-3-IR	WFC3/IR	3	06-Nov-2018 16:01:02.0	yes
29	(9) WESTPHAL-3-ACS	ACS/WFC	3	06-Nov-2018 16:01:04.0	yes

87 Total Orbits Used

ABSTRACT

Escaping Lyman-continuum (LyC) radiation from star-forming galaxies is likely responsible for the reionization of the universe. However, the direct measurement of escaping LyC radiation has proven exceptionally challenging, with only a few robust LyC detections at $z \sim 3$, the highest redshift at

Proposal 15287 (STScI Edit Number: 0, Created: Tuesday, November 6, 2018 at 4:01:04 PM Eastern Standard Time) - Overview

which such measurements are possible. The tiny sample size of confirmed LyC sources hinders efforts to estimate the average LyC escape fraction and trace how its value depends on other galaxy properties -- both crucial for estimating the contribution of galaxies to reionization at $z > 6$. To understand the LyC properties of distant galaxies, we must assemble a significantly larger sample of candidate LyC leakers and subject them to rigorous vetting for foreground contamination. Based on deep Keck/LRIS spectroscopy of 124 $z \sim 3$ star-forming galaxies, we have identified 15 galaxies with apparent detections of LyC radiation. We now require HST imaging to remove any low-redshift contamination on an object-by-object basis, connect the ionizing and non-ionizing properties of LyC leakers, and compare the spatially-resolved stellar populations and morphologies of LyC detections and non-detections. We propose for 87 orbits of deep ACS/F606W, WFC3/F125W and WFC3/160W observations, providing multi-band coverage for the 14 LyC detections lacking HST data, as well as a control sample of 26 galaxies with deep Keck/LRIS spectra and LyC non-detections, and 37 additional galaxies spectroscopically confirmed at $z \sim 3$. Analysis of these data will robustly remove low-redshift contaminants, revealing the connection between LyC leakage and galaxy properties both at $z \sim 3$ and during the epoch of reionization.

OBSERVING DESCRIPTION

Pointings and Sample:

We propose deep ACS/F606W (V), WFC3/IR/F125W (J), and WFC3/IR/F160W (H) imaging in targeted pointings across five different Lyman Break Galaxy (LBG) survey fields. Our observations total 11 WFC3/IR pointings with coverage in both F125W and F160W, and 7 ACS pointings with coverage in F606W. Our highest priority targets are a sample of 14 LBGs with apparent spectroscopic Lyman-continuum (LyC) detections. Our primary goals are (1) to estimate robust photometric redshifts for all morphological subcomponents associated with these LyC detections, and therefore obtain a clean sample of high-redshift LyC detections with detailed stellar population and morphological information. Deep multi-band imaging with the proposed filter set will result in robust photometric redshifts, and the removal of low-redshift contaminants; (2) to determine spatially-resolved stellar populations of LyC emitters; (3) to measure the morphologies of LyC emitters; and (4) to connect f_{esc} , the escape fraction of LyC emission, with other galaxy properties. Furthermore, with a large set of spectroscopic LyC non-detections at $z \sim 3$ imaged by HST within the same pointings, we will conduct a differential comparison between the spatially-resolved stellar populations and morphologies of objects with and without leaking LyC emission.

ORIENT strategy:

As our $z \sim 3$ targets are distributed across each pointing, the allowed range of ORIENT angles that enables the maximum number of targets is fairly constrained in some cases. For each visit with ORIENT constraints, we specify the range of allowed ORIENT angles, which optimizes the number of targets covered.

Orbit / visit strategy:

Each F606W, F125W, and F160W pointing is executed in a 3-orbit visit, broken down into 3 single-orbit, 4-exposure dither patterns. The proposed program requires 87 orbits (7x3 orbits in F606W, 11x3 orbits in F125W, and 11x3 orbits in F160W).

Dither Strategy:

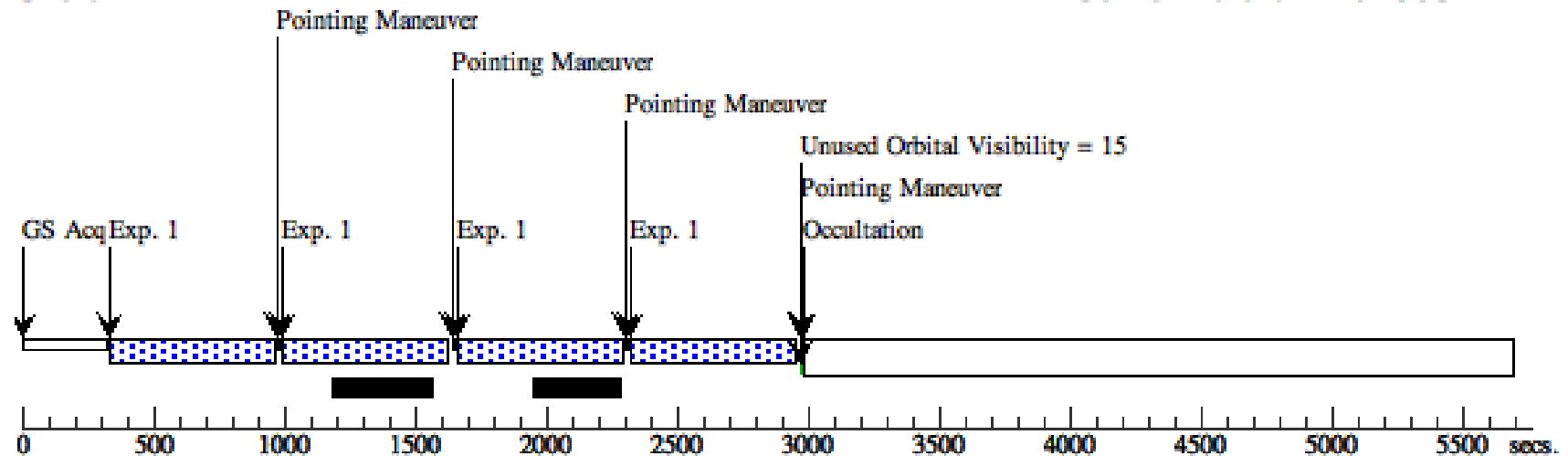
The 12 exposures for each F606W visit are executed as a set of 3, 4-point ACS-WFC-DITHER-BOX patterns. The 12 exposures for each WFC3/IR orbit (F125W and F160W) are executed as a set of 3, 4-point WFC3-IR-DITHER-LINE patterns. For WFC3/IR observations, we apply POS-TARG offsets between each dither pattern to improve the PSF sampling, and reduce the effects of bad pixels and droplets.

Proposal 15287 - Q0933-1-F160W (01) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q0933-1-F160W (01), completed					Tue Nov 06 21:01:04 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; ORIENT 0D TO 76 D; ORIENT 90D TO 99 D; ORIENT 113D TO 255 D; ORIENT 270D TO 277 D; ORIENT 291D TO 359 D; GROUP 01,02,03 WITHIN 60D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	Q0933-1-IR	RA: 09 33 30.8088 (143.3783700d) Dec: +28 44 1.43 (28.73373d) Equinox: J2000				V=24.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) Q0933-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in Q0933-1-F160W (01) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(1) Q0933-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in Q0933-1-F160W (01) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(1) Q0933-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in Q0933-1-F160W (01) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

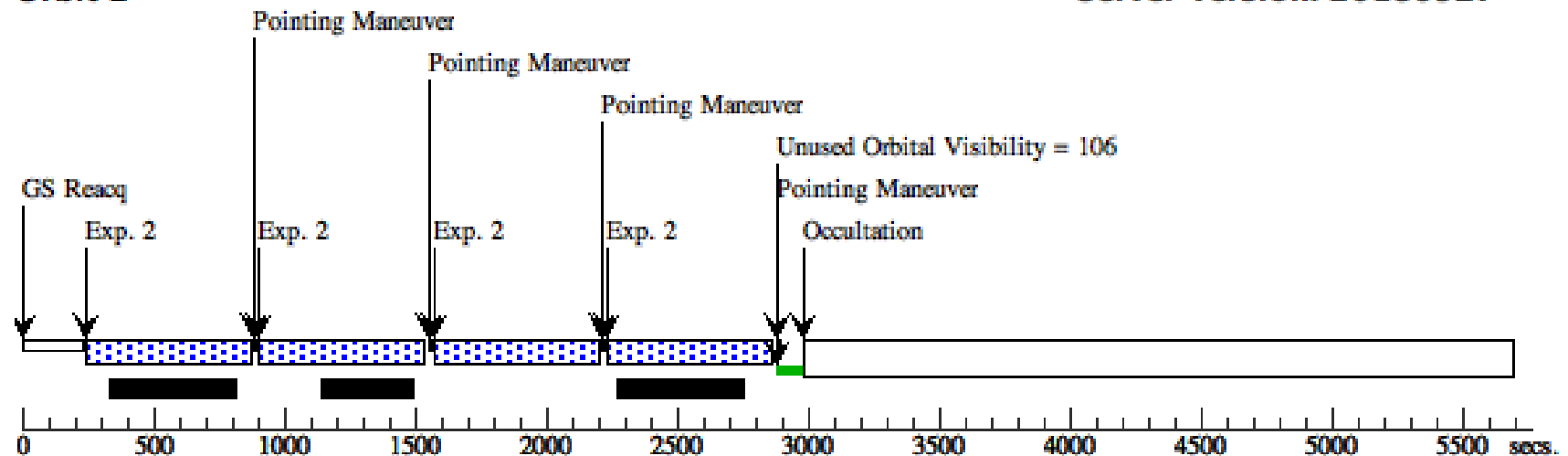
Orbit 1

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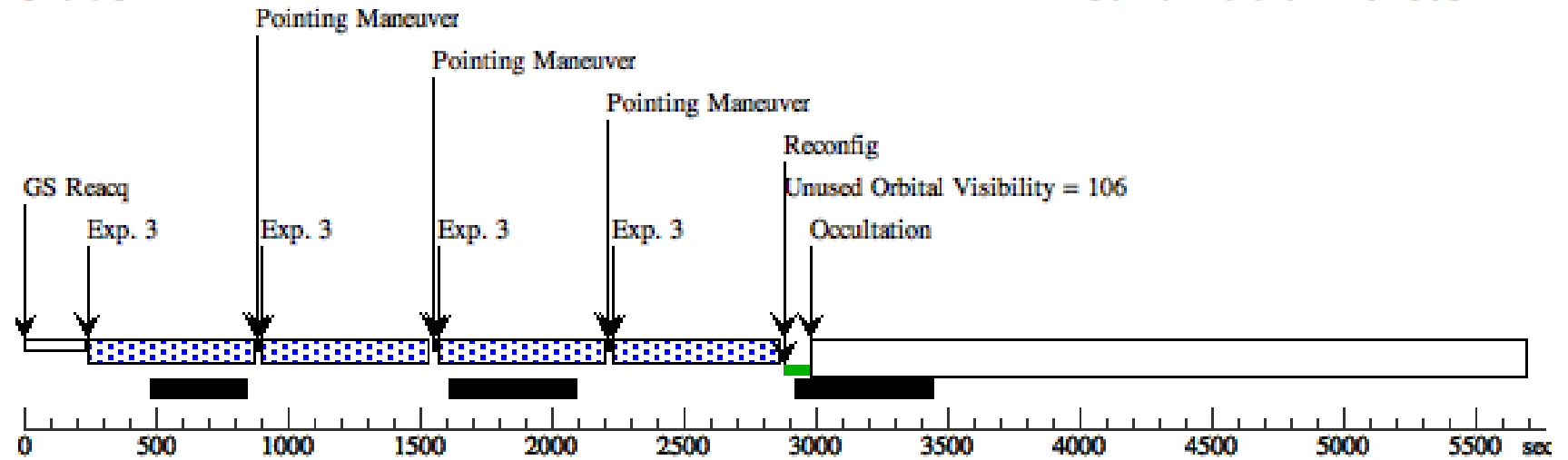
Orbit 2

Server Version: 20180927



Orbit 3

Server Version: 20180927

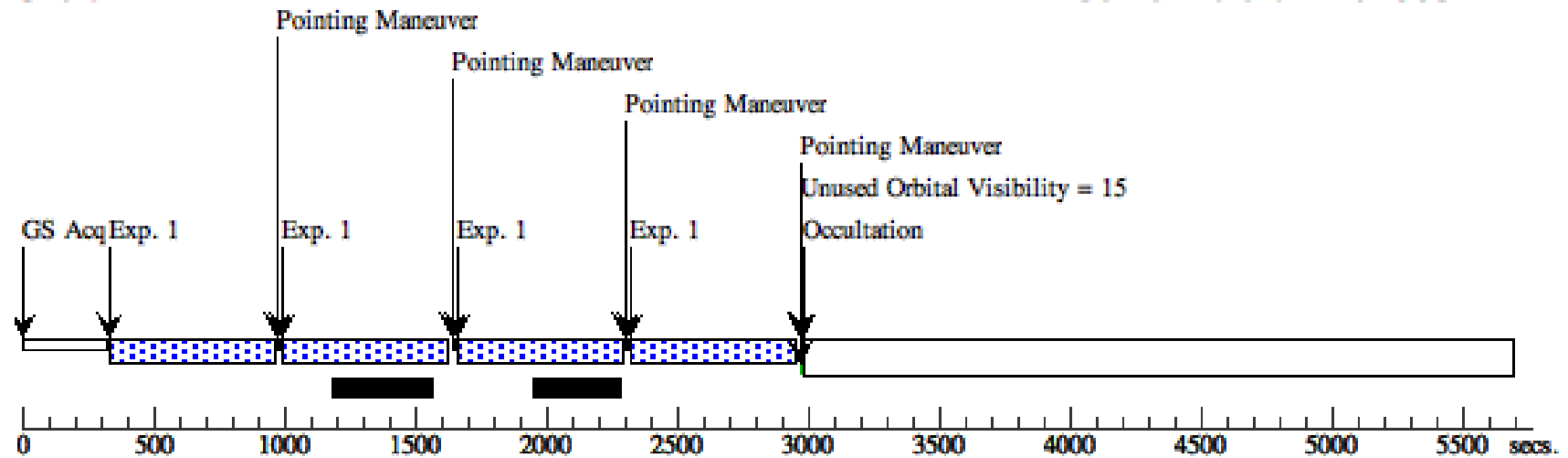


Proposal 15287 - Q0933-1-F125W (02) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q0933-1-F125W (02), completed										Tue Nov 06 21:01:05 GMT 2018			
	Diagnostic Status: No Diagnostics													
	Scientific Instruments: WFC3/IR													
	Special Requirements: SCHED 100%; SAME ORIENT AS 01													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=4 Center Pattern=false Point Spacing=0.636 Line Spacing=										(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(1)	Q0933-1-IR		RA: 09 33 30.8088 (143.3783700d) Dec: +28 44 1.43 (28.73373d) Equinox: J2000				V=24.5		Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.		Special Reqs.	Groups		Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) Q0933-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 3, Exps 1-1 in Q0933-1-F125W (02) (3)		602.937703 Secs (2411.751 Secs)		
												[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(1) Q0933-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50		POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in Q0933-1-F125W (02) (3)		602.937703 Secs (2411.751 Secs)		
												[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(1) Q0933-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50		POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in Q0933-1-F125W (02) (3)		602.937703 Secs (2411.751 Secs)		
												[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

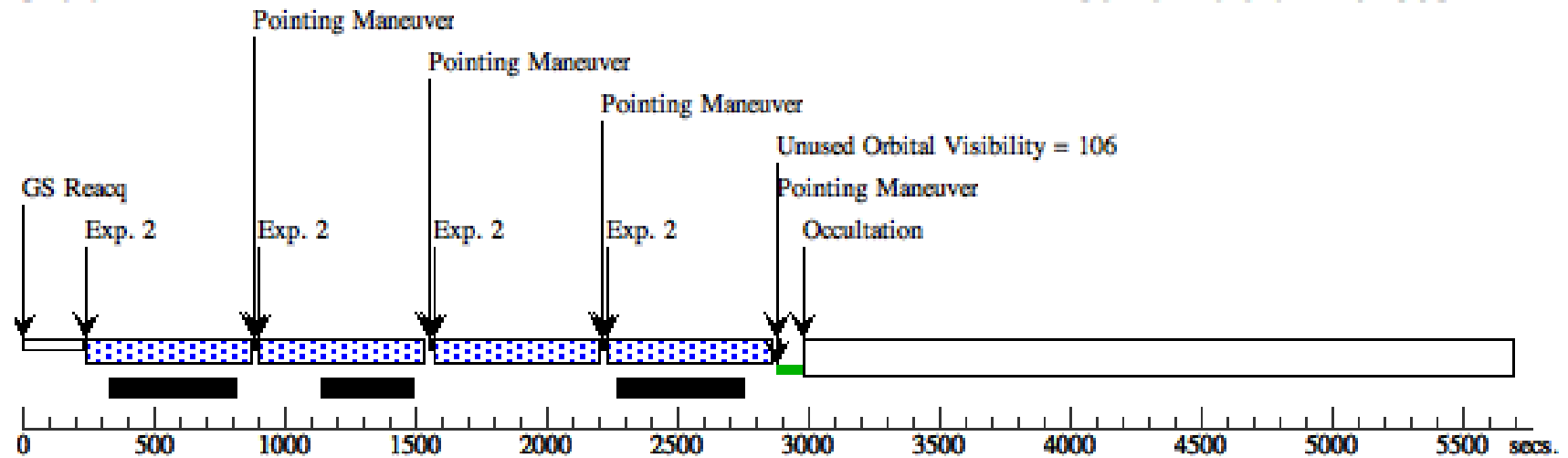
Orbit 1

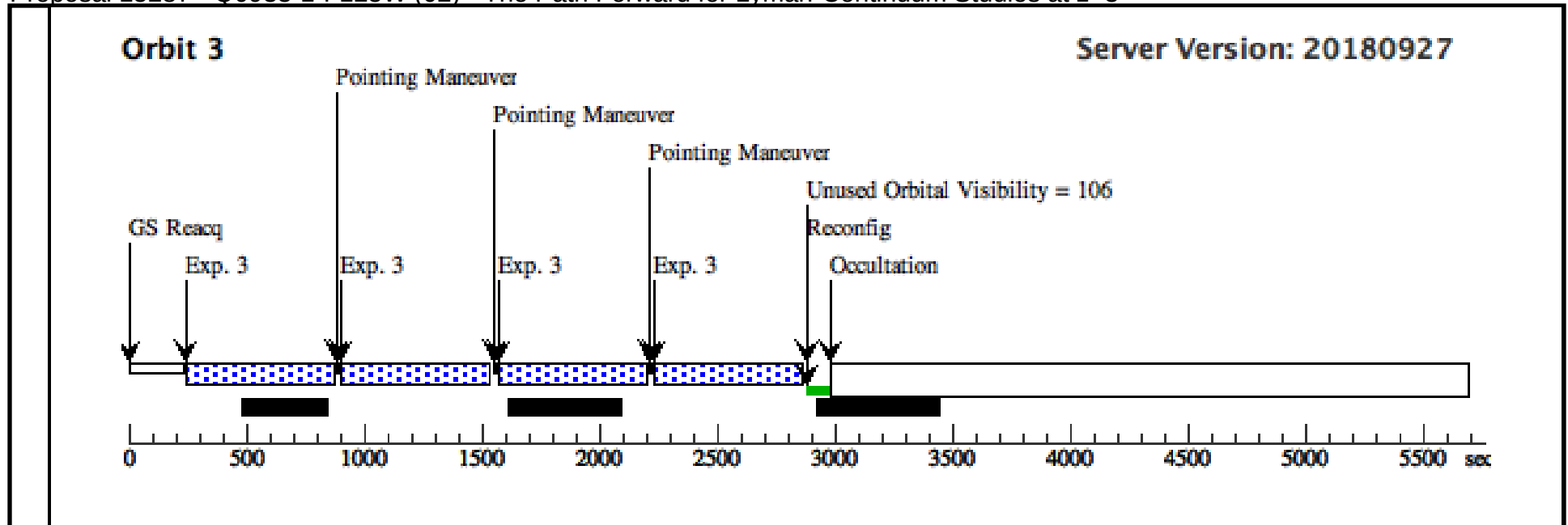
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Orbit 2

Server Version: 20180927



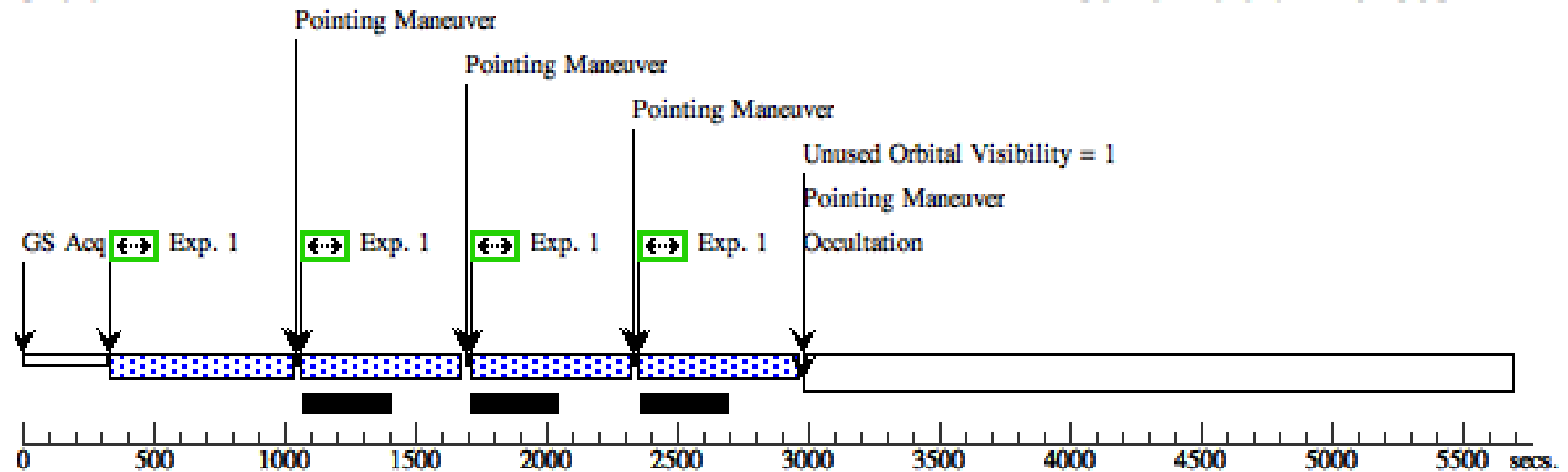


Proposal 15287 - Q0933-1-F606W (03) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q0933-1-F606W (03), completed										Tue Nov 06 21:01:05 GMT 2018		
	Diagnostic Status: Warning												
	Scientific Instruments: ACS/WFC												
	Special Requirements: SCHED 100%; ORIENT 0D TO 104 D; ORIENT 131D TO 289 D; ORIENT 316D TO 359 D												
Diagnostics	(Q0933-1-F606W (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(Q0933-1-F606W (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.262 Line Spacing=0.192					Coordinate Frame=POS-TARG Pattern Orientation=18.39 Angle Between Sides=68.14 Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(2)	Q0933-1-ACS		RA: 09 33 29.4311 (143.3726296d) Dec: +28 44 30.29 (28.74175d) Equinox: J2000					V=24.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) Q0933-1-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO		Pattern 2, Exps 1-1 in Q0933-1-F606W (03) (2)	490 Secs (1960 Secs)		[1]	
										[==>(Pattern 1)]			
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
										[==>(Pattern 4)]			
	2		(2) Q0933-1-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG 0.3,0	Pattern 2, Exps 2-2 in Q0933-1-F606W (03) (2)	538 Secs (2152 Secs)		[2]	
										[==>(Pattern 1)]			
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
									[==>(Pattern 4)]				
3		(2) Q0933-1-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG -0.3,0	Pattern 2, Exps 3-3 in Q0933-1-F606W (03) (2)	538 Secs (2152 Secs)		[3]		
									[==>(Pattern 1)]				
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
									[==>(Pattern 4)]				

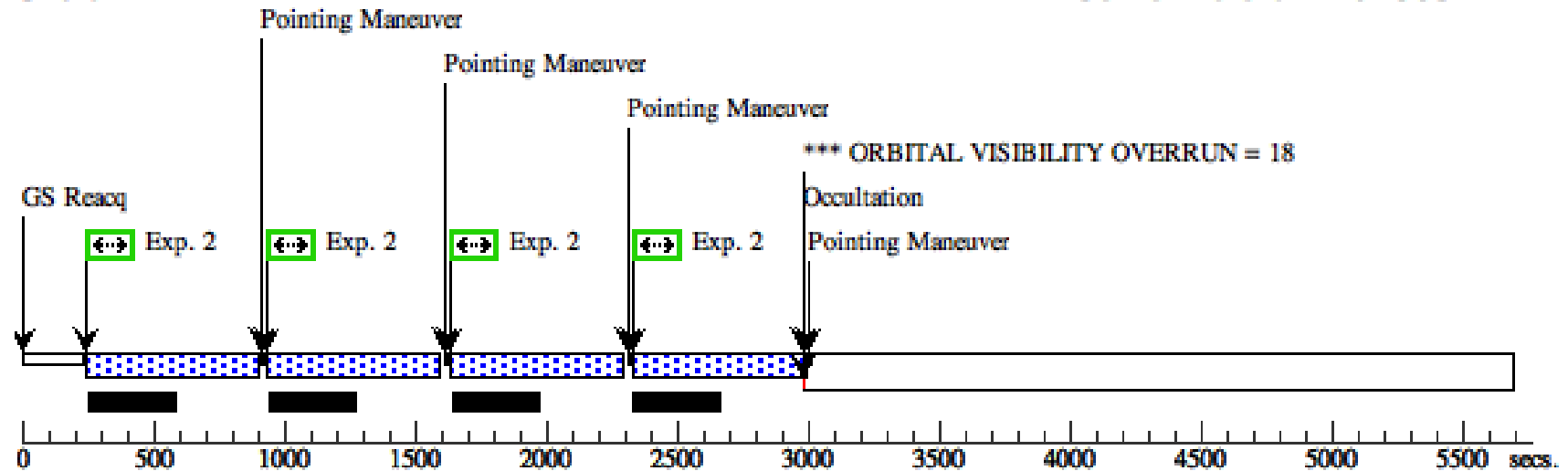
Orbit 1

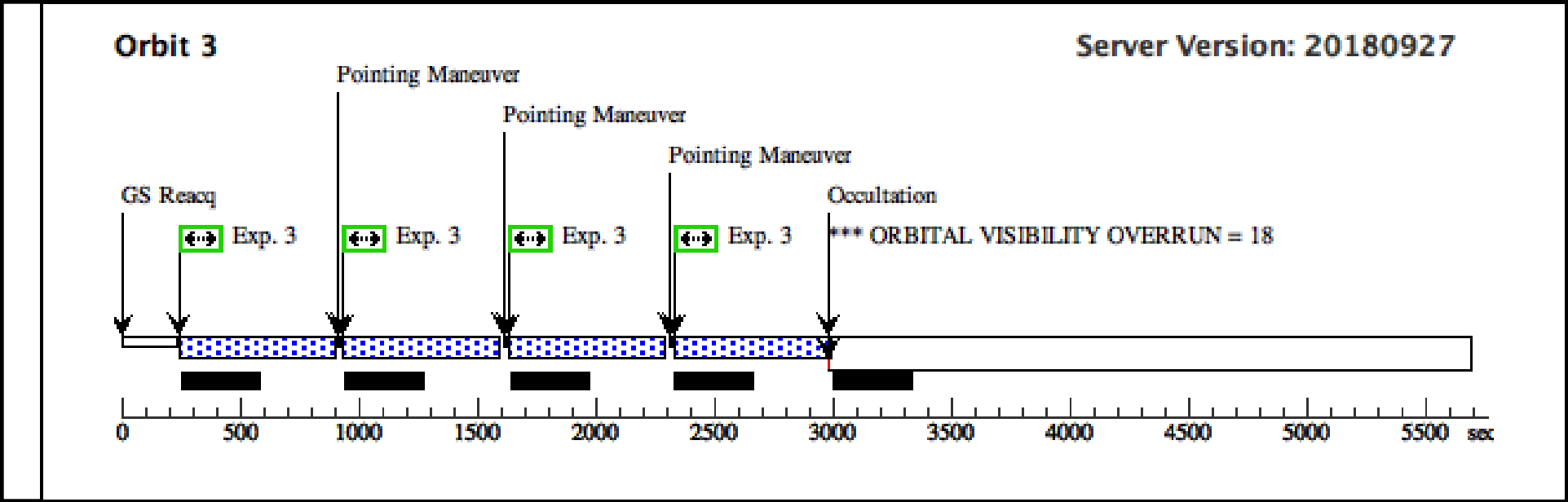
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Orbit 2

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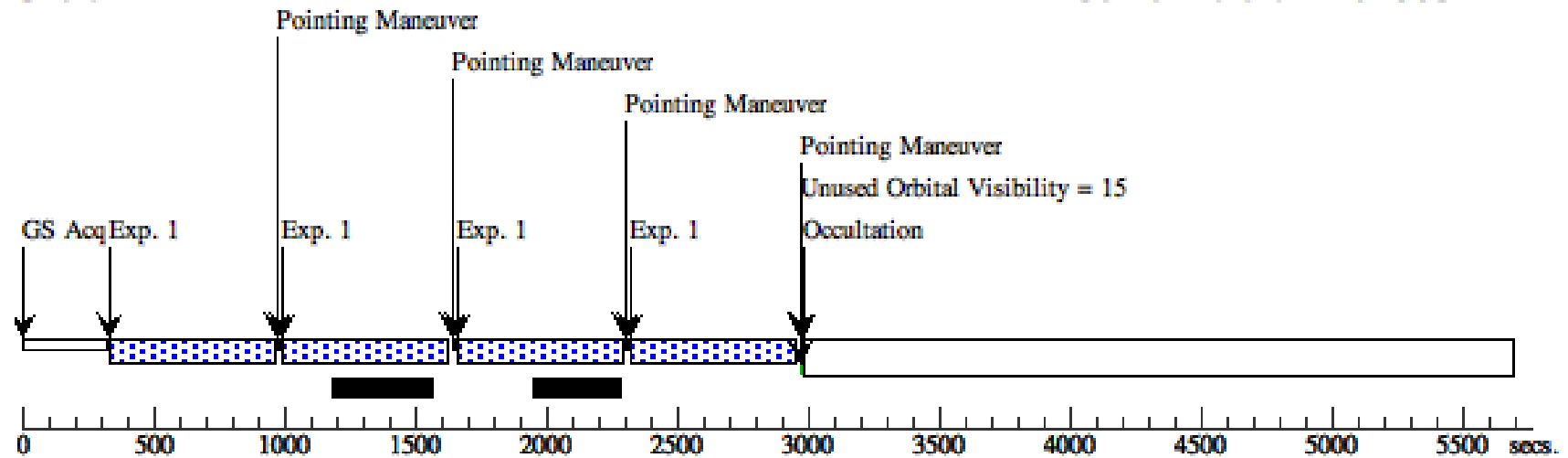


Proposal 15287 - Q0933-2-F160W (04) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q0933-2-F160W (04), completed										Tue Nov 06 21:01:05 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: SCHED 100%; ORIENT 6D TO 40 D; ORIENT 86D TO 116 D; ORIENT 187D TO 225 D; ORIENT 262D TO 296 D; GROUP 04,05,06 WITHIN 60D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=4 Center Pattern=false Point Spacing=0.636 Line Spacing=										(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(3)	Q0933-2-IR		RA: 09 33 22.1908 (143.3424617d) Dec: +28 48 0.42 (28.80012d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(3) Q0933-2-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in Q0933-2-F160W (04) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	
	2		(3) Q0933-2-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in Q0933-2-F160W (04) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]	
	3		(3) Q0933-2-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in Q0933-2-F160W (04) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]	

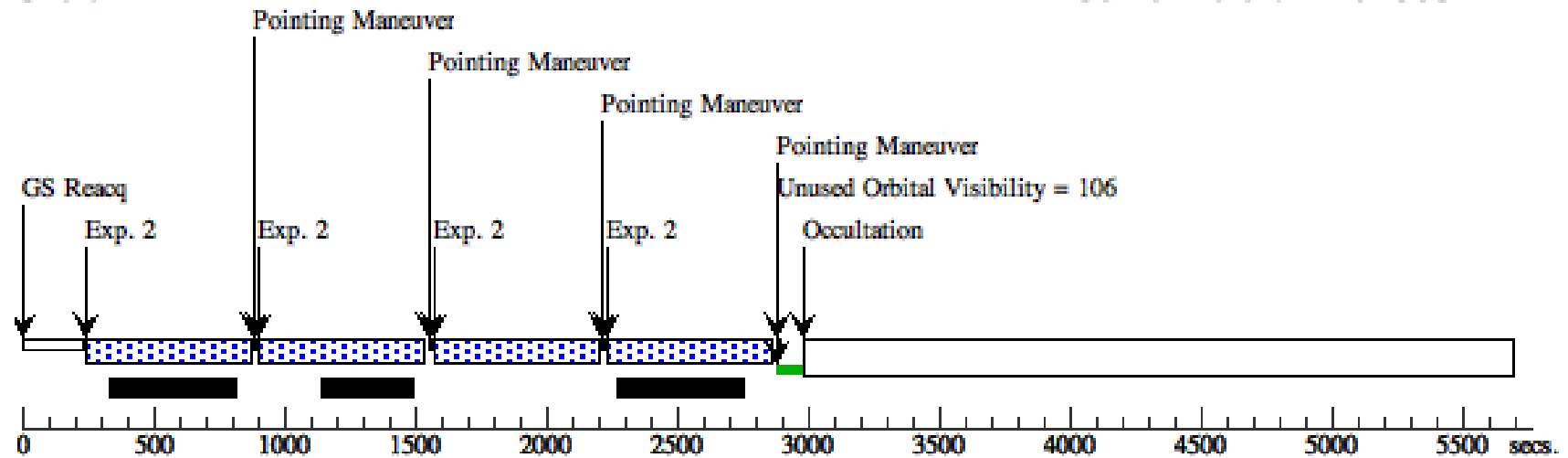
Orbit 1

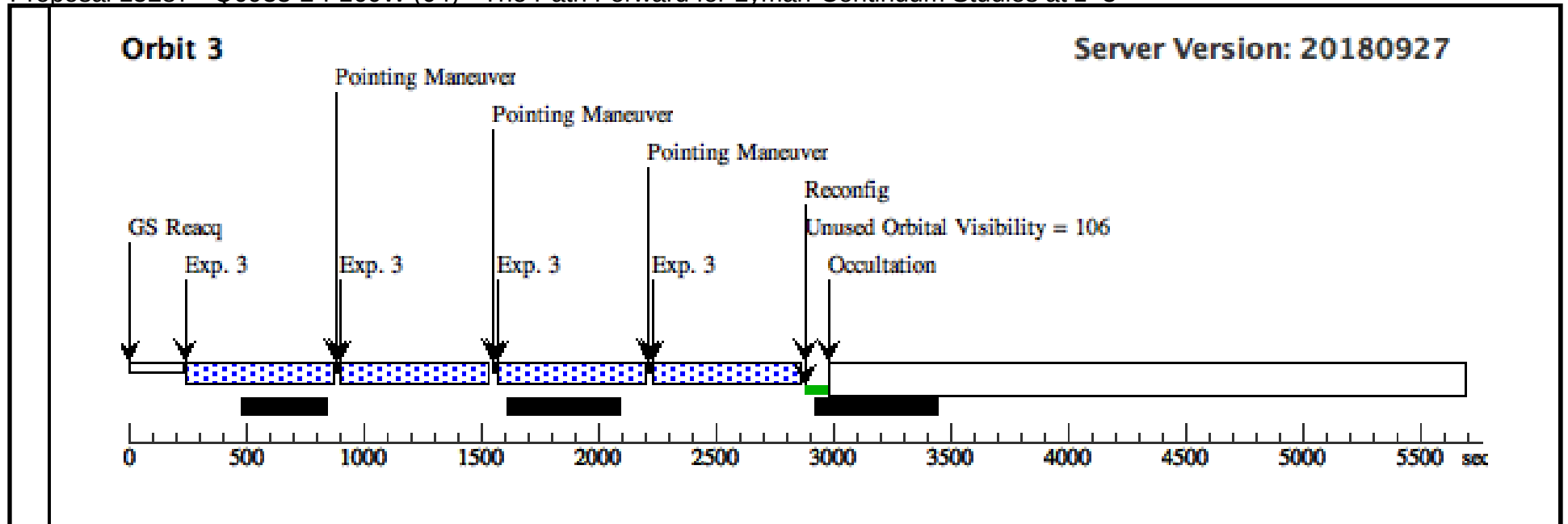
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Orbit 2

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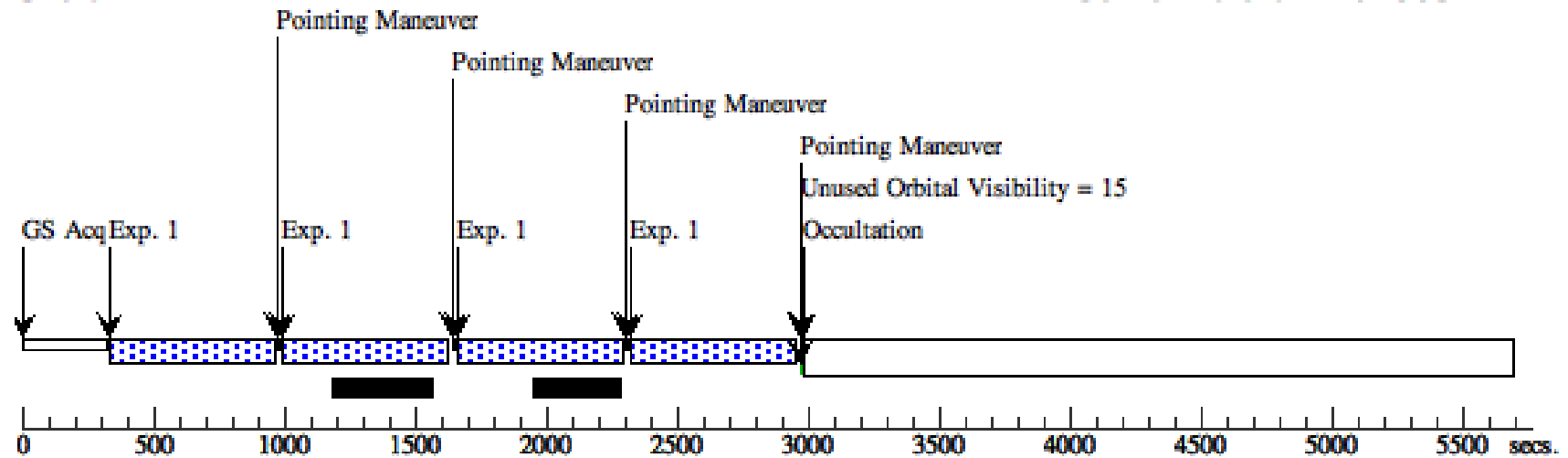


Proposal 15287 - Q0933-2-F125W (05) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q0933-2-F125W (05), scheduled					Tue Nov 06 21:01:05 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; SAME ORIENT AS 04										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	Q0933-2-IR	RA: 09 33 22.1908 (143.3424617d) Dec: +28 48 0.42 (28.80012d) Equinox: J2000				V=24.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) Q0933-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in Q0933-2-F125W (05) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(3) Q0933-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in Q0933-2-F125W (05) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(3) Q0933-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in Q0933-2-F125W (05) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

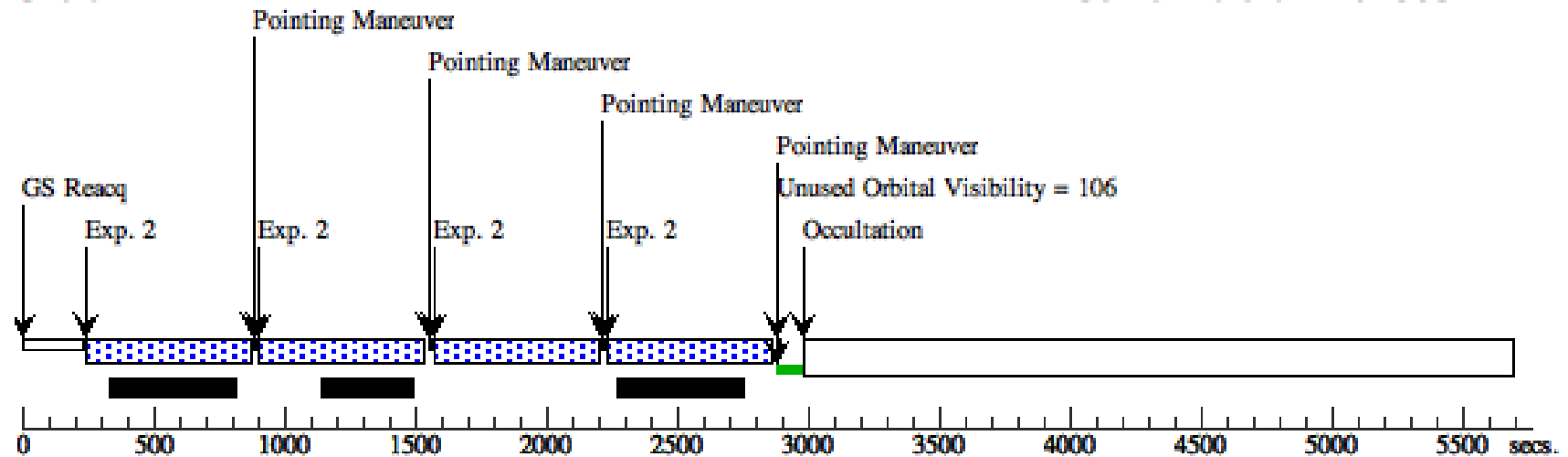
Orbit 1

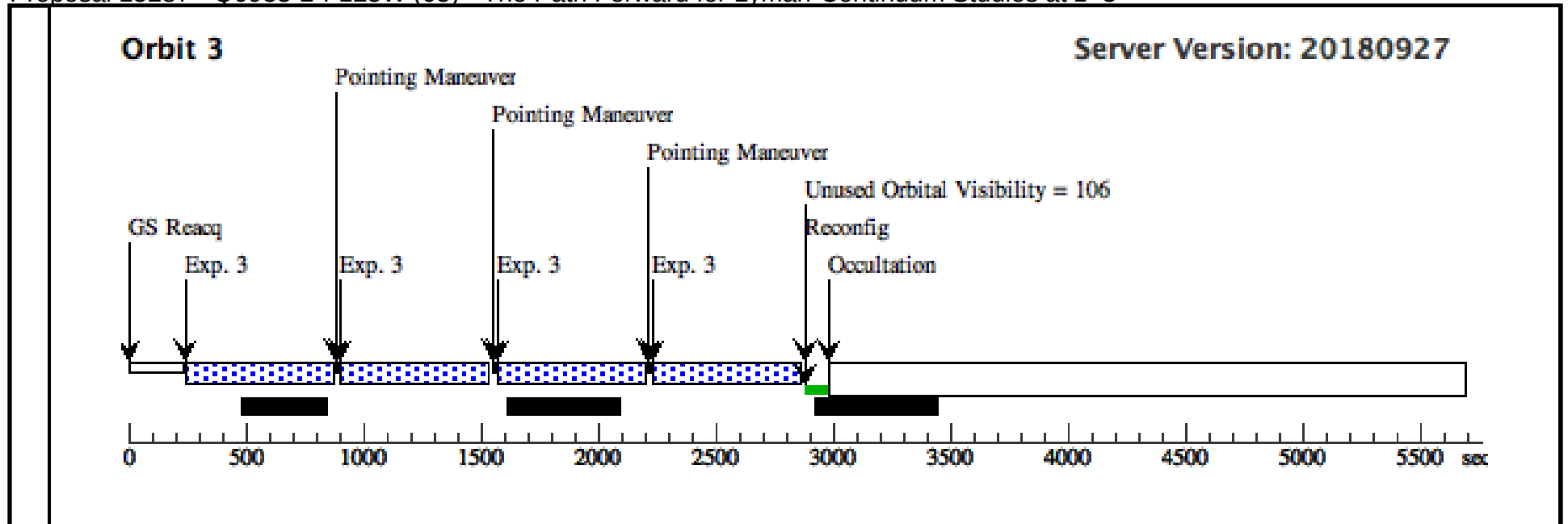
Server Version: 20180927



Orbit 2

Server Version: 20180927



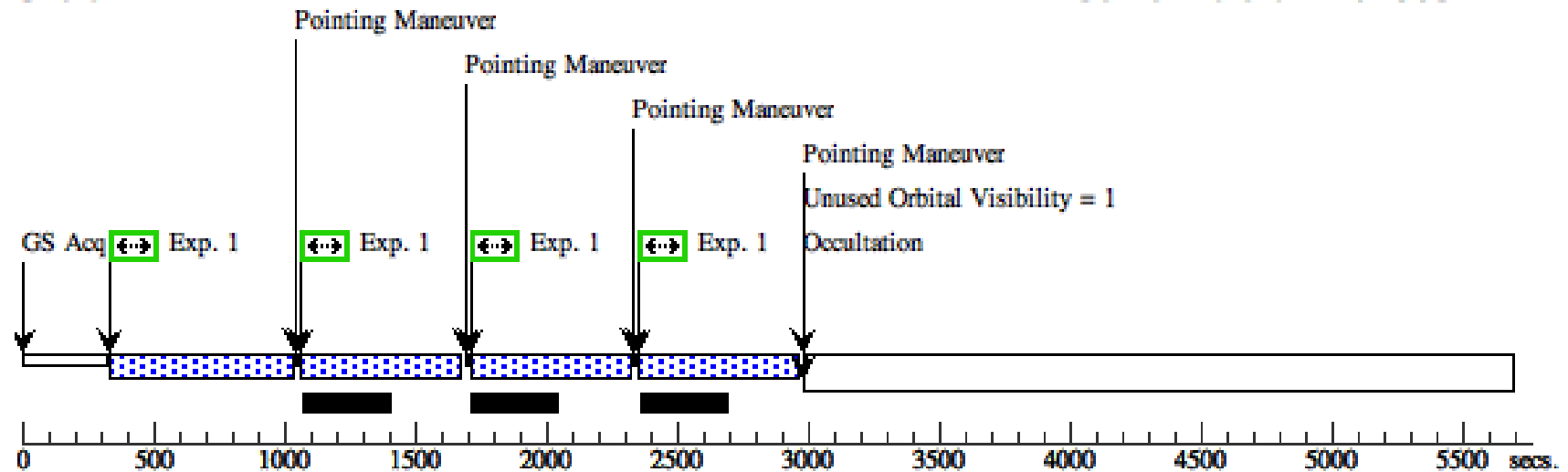


Proposal 15287 - Q0933-2-F606W (06) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q0933-2-F606W (06), scheduled										Tue Nov 06 21:01:05 GMT 2018		
	Diagnostic Status: Warning												
	Scientific Instruments: ACS/WFC												
	Special Requirements: SCHED 100%; ORIENT 20D TO 46 D; ORIENT 55D TO 132 D; ORIENT 141D TO 149 D; ORIENT 226D TO 228 D; ORIENT 237D TO 292 D												
Diagnostics	(Q0933-2-F606W (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(Q0933-2-F606W (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=18.39 Purpose=DITHER Angle Between Sides=68.14 Number Of Points=4 Center Pattern=false Point Spacing=0.262 Line Spacing=0.192										(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(4)	Q0933-2-ACS		RA: 09 33 24.9200 (143.3538333d) Dec: +28 47 46.50 (28.79625d) Equinox: J2000					V=24.5		Reference Frame: ICRS		
	Comments:												
	Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(4) Q0933-2-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO		Pattern 2, Exps 1-1 in Q0933-2-F606W (06) (2)	490 Secs (1960 Secs)		[1]	
										[==>(Pattern 1)]			
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
										[==>(Pattern 4)]			
	2		(4) Q0933-2-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG 0.3,0	Pattern 2, Exps 2-2 in Q0933-2-F606W (06) (2)	538 Secs (2152 Secs)		[2]	
										[==>(Pattern 1)]			
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
										[==>(Pattern 4)]			
	3		(4) Q0933-2-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG -0.3,0	Pattern 2, Exps 3-3 in Q0933-2-F606W (06) (2)	538 Secs (2152 Secs)		[3]	
										[==>(Pattern 1)]			
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
									[==>(Pattern 4)]				

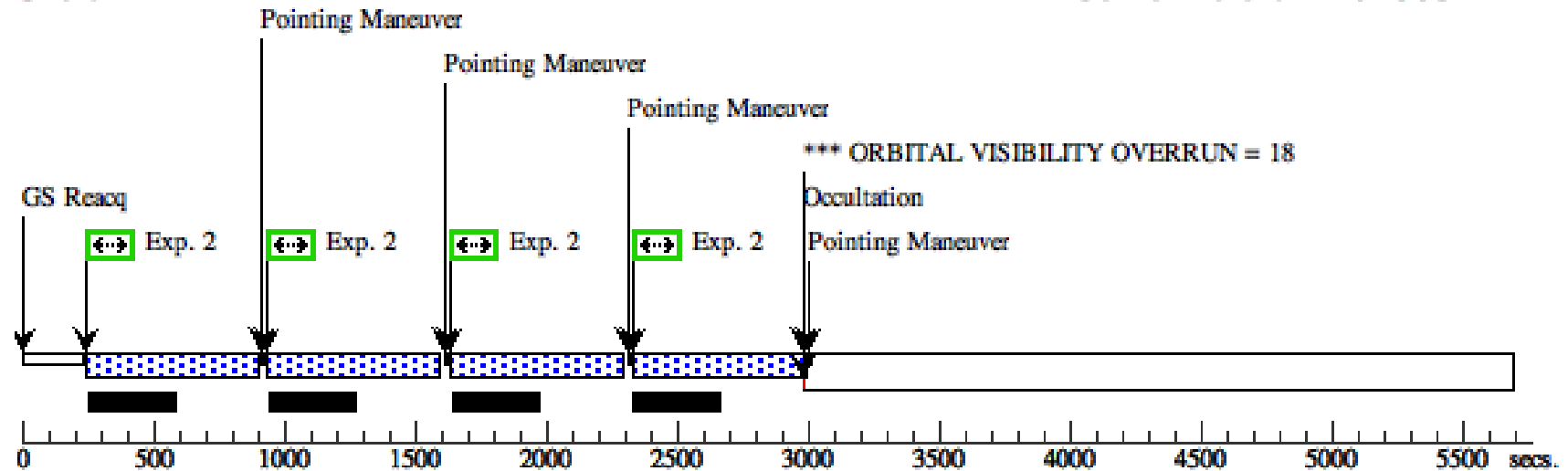
Orbit 1

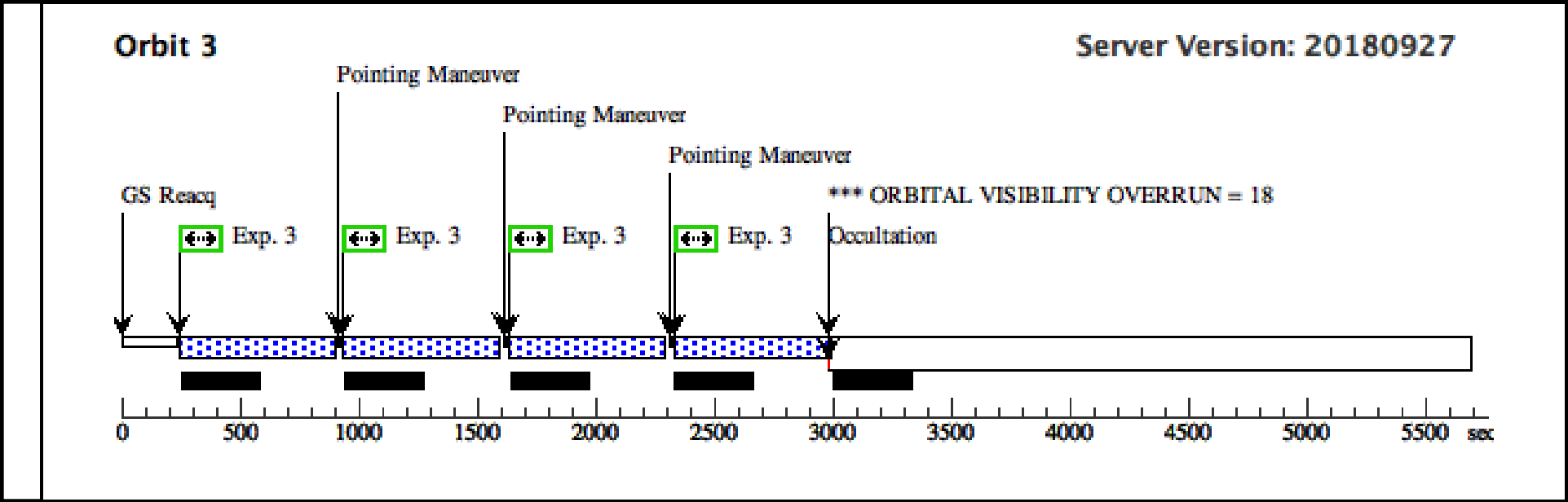
Server Version: 20180927



Orbit 2

Server Version: 20180927



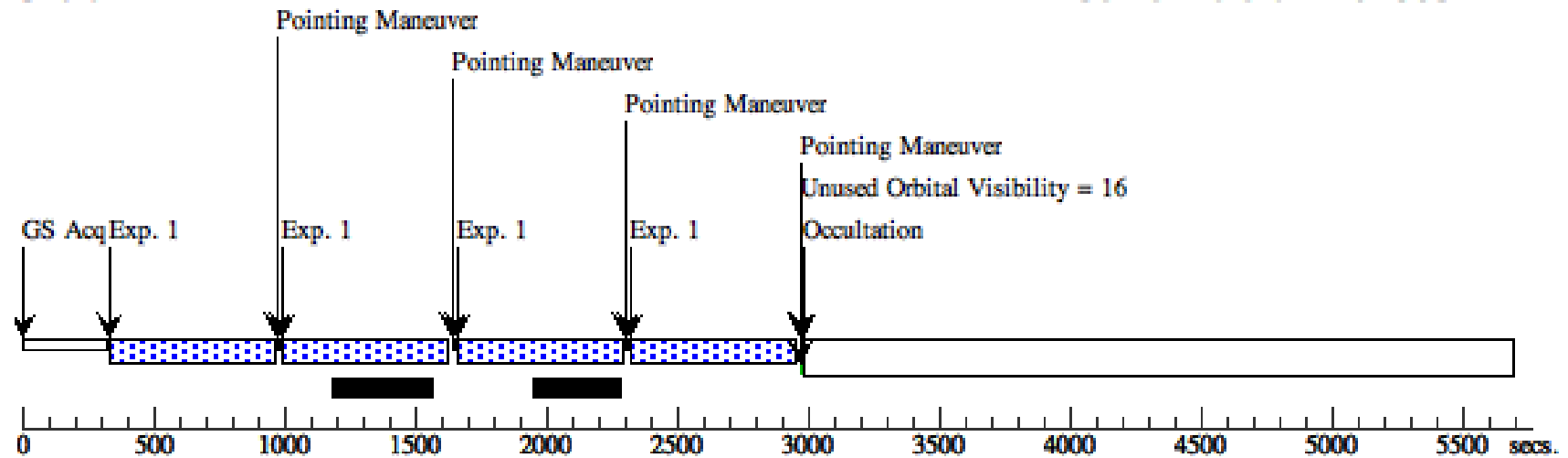


Proposal 15287 - Q1422-1-F160W (07) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q1422-1-F160W (07), completed										Tue Nov 06 21:01:05 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: SCHED 100%; ORIENT 14D TO 26 D; ORIENT 115D TO 139 D; ORIENT 197D TO 219 D; ORIENT 295D TO 320 D; GROUP 07,08,09 WITHIN 60D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(10)	Q1422-1-IR		RA: 14 24 30.0817 (216.1253404d) Dec: +22 54 21.45 (22.90596d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(10) Q1422-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in Q1422-1-F160W (07) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	
	2		(10) Q1422-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in Q1422-1-F160W (07) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]	
	3		(10) Q1422-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in Q1422-1-F160W (07) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]	

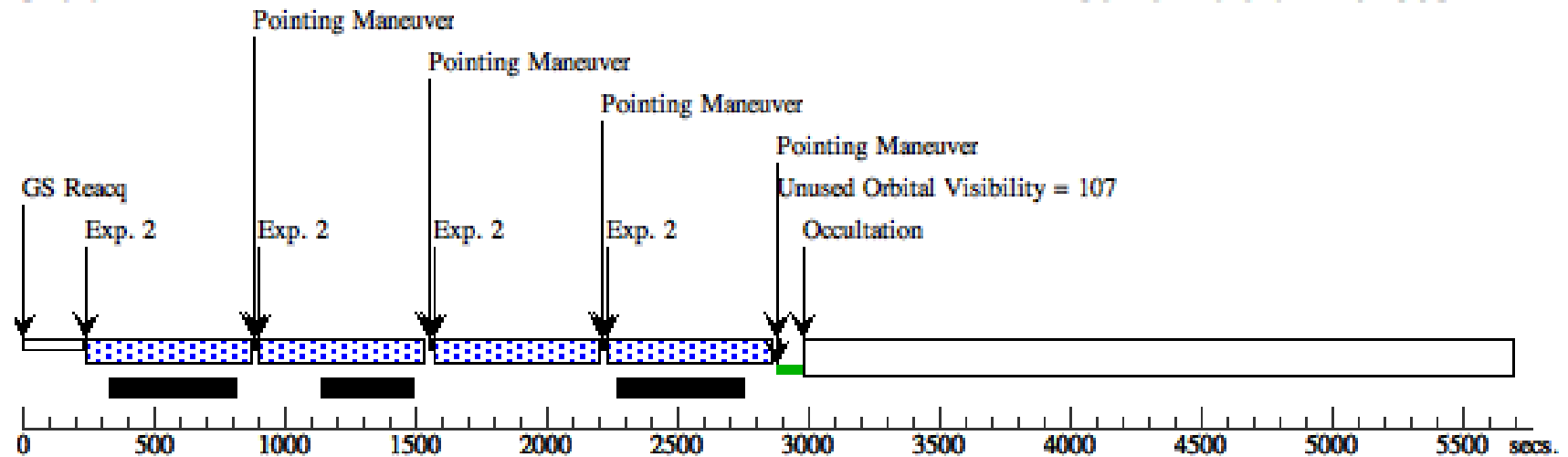
Orbit 1

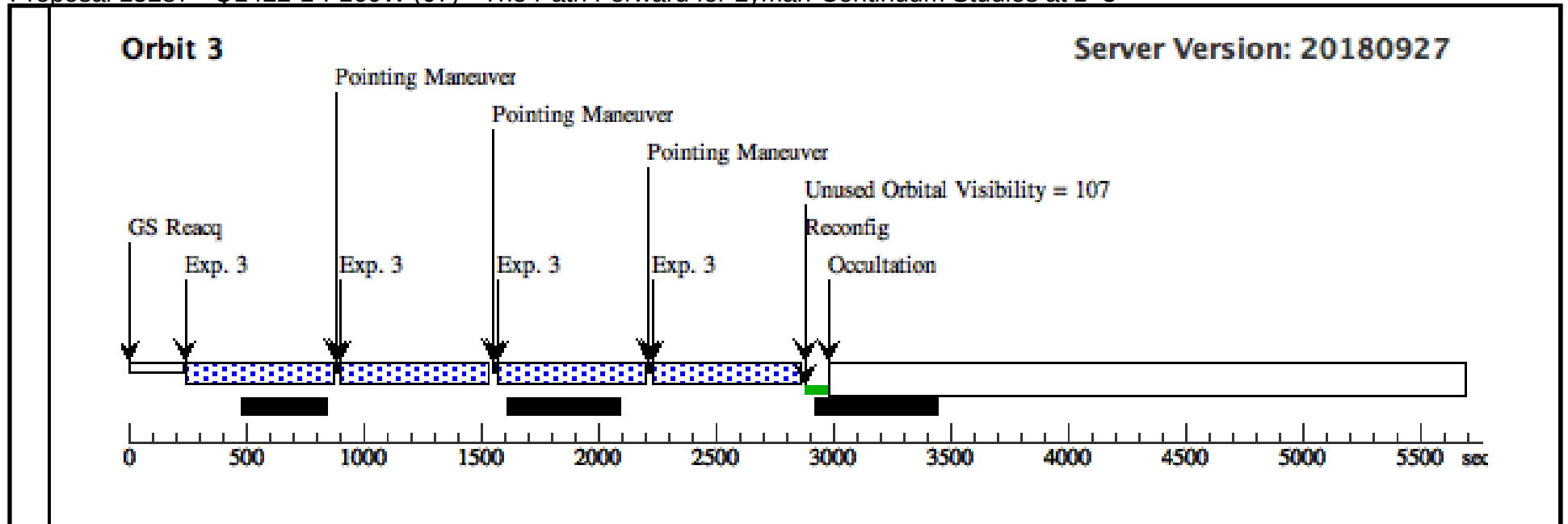
Server Version: 20180927



Orbit 2

Server Version: 20180927



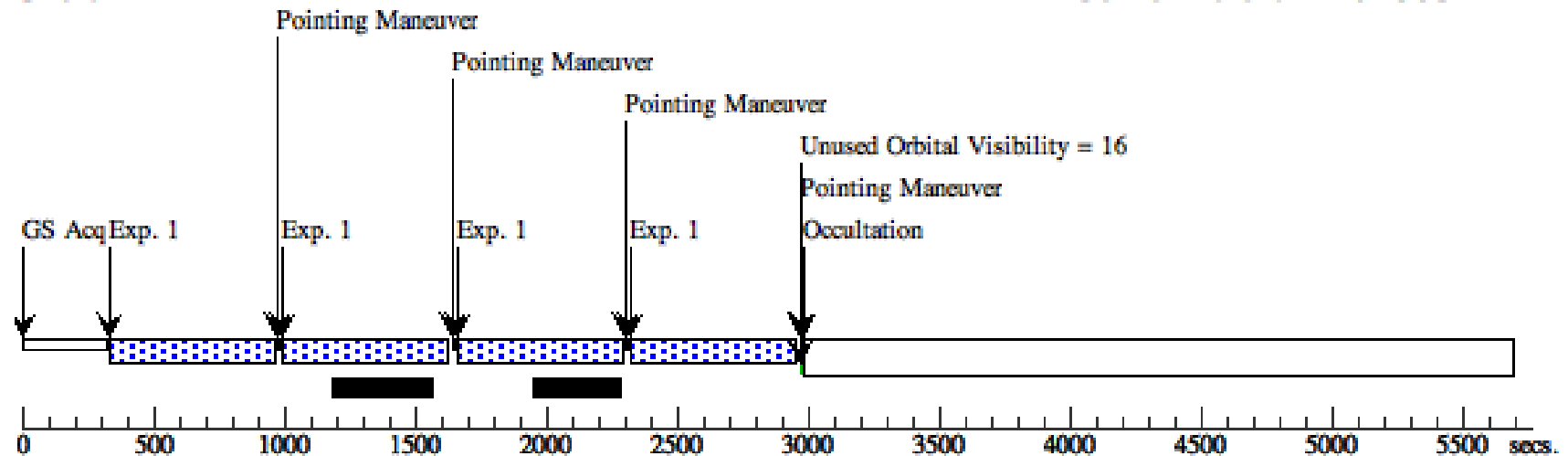


Proposal 15287 - Q1422-1-F125W (08) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q1422-1-F125W (08), completed					Tue Nov 06 21:01:05 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; SAME ORIENT AS 07										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(10)	Q1422-1-IR	RA: 14 24 30.0817 (216.1253404d) Dec: +22 54 21.45 (22.90596d) Equinox: J2000				V=24.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(10) Q1422-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in Q1422-1-F125W (08) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(10) Q1422-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in Q1422-1-F125W (08) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(10) Q1422-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in Q1422-1-F125W (08) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

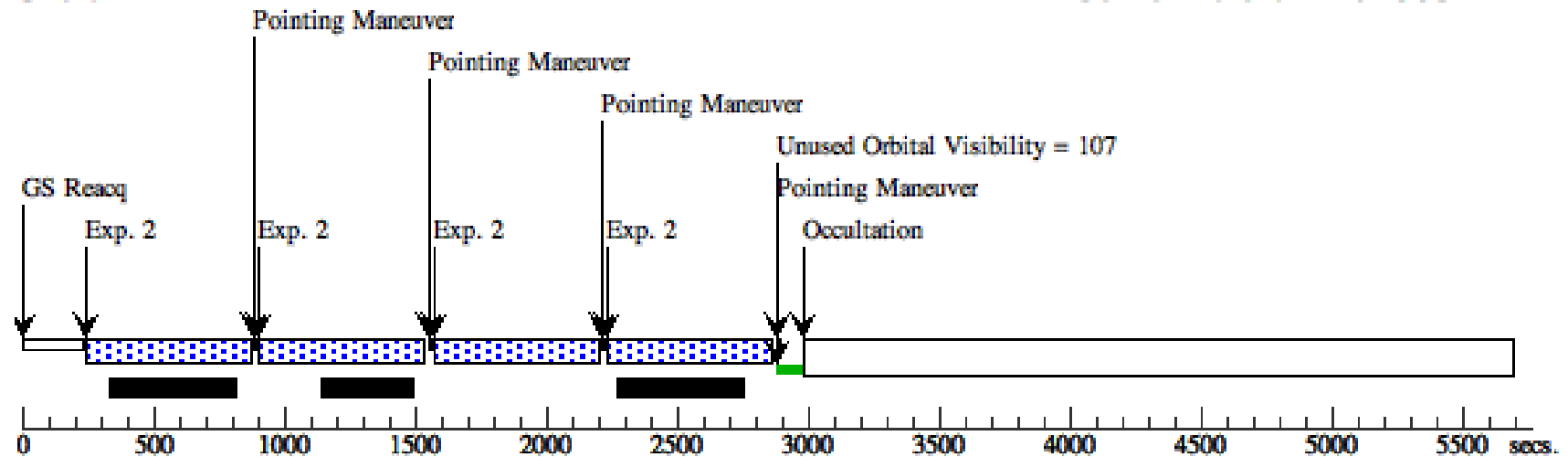
Orbit 1

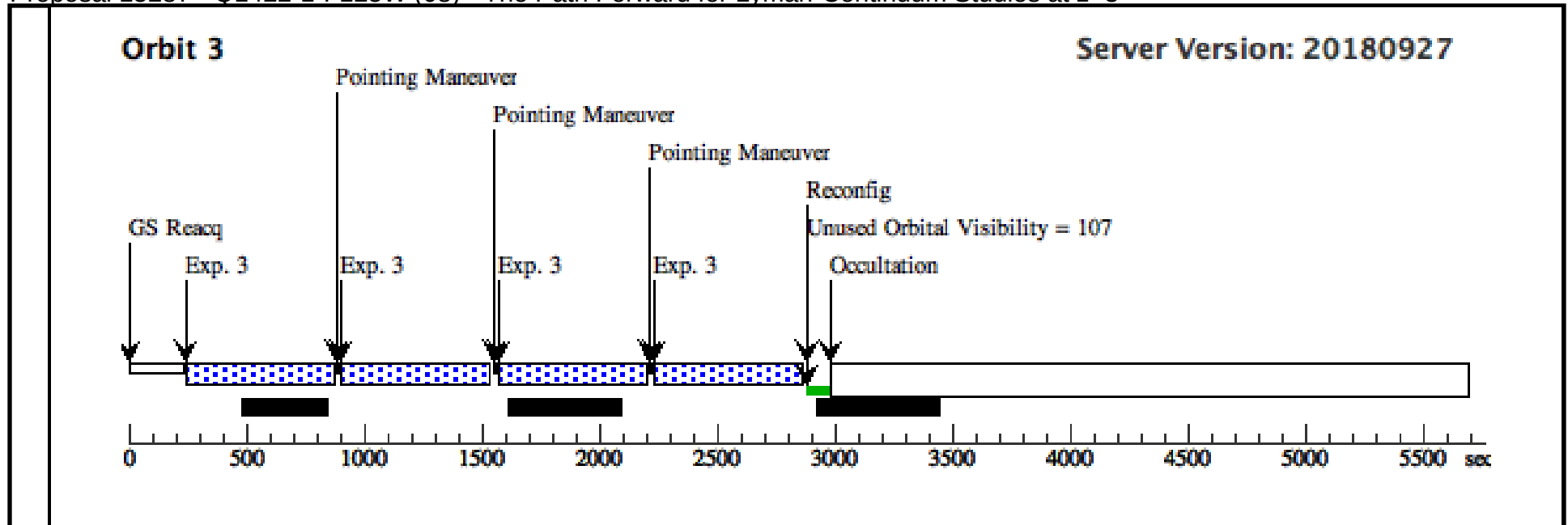
Server Version: 20180927



Orbit 2

Server Version: 20180927



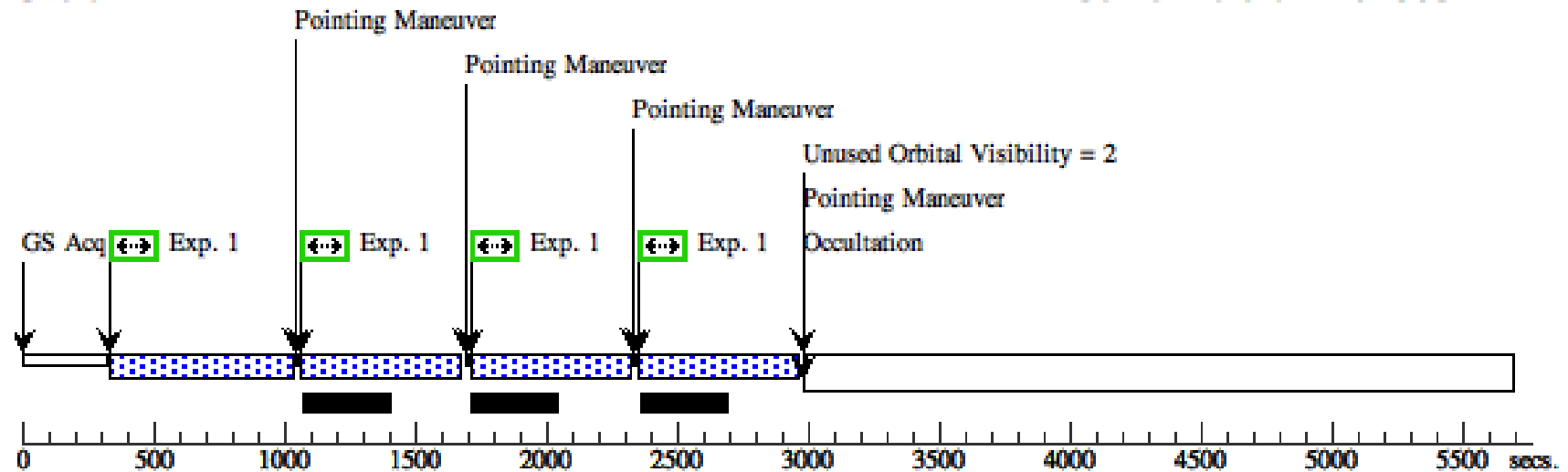


Proposal 15287 - Q1422-1-F606W (09) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q1422-1-F606W (09), completed Tue Nov 06 21:01:05 GMT 2018				
	Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: SCHED 100%; ORIENT 0D TO 112 D; ORIENT 120D TO 290 D; ORIENT 297D TO 359 D				
Diagnostics	(Q1422-1-F606W (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(Q1422-1-F606W (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.262 Line Spacing=0.192		Coordinate Frame=POS-TARG Pattern Orientation=18.39 Angle Between Sides=68.14 Center Pattern=false	(1), (2), (3)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(11)	Q1422-1-ACS	RA: 14 24 30.4235 (216.1267646d) Dec: +22 55 4.75 (22.91799d) Equinox: J2000		V=24.5
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]				
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	(11) Q1422-1-ACS	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO
	Pattern 2, Exps 1-1 i n Q1422-1-F606W (09) (2)				490 Secs (1960 Secs)
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[==>(Pattern 4)]
					[1]
	2	(11) Q1422-1-ACS	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO
	Pattern 2, Exps 2-2 i n Q1422-1-F606W (09) (2)				538 Secs (2152 Secs)
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[==>(Pattern 4)]
					[2]
	3	(11) Q1422-1-ACS	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO
	Pattern 2, Exps 3-3 i n Q1422-1-F606W (09) (2)				538 Secs (2152 Secs)
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[==>(Pattern 4)]
					[3]

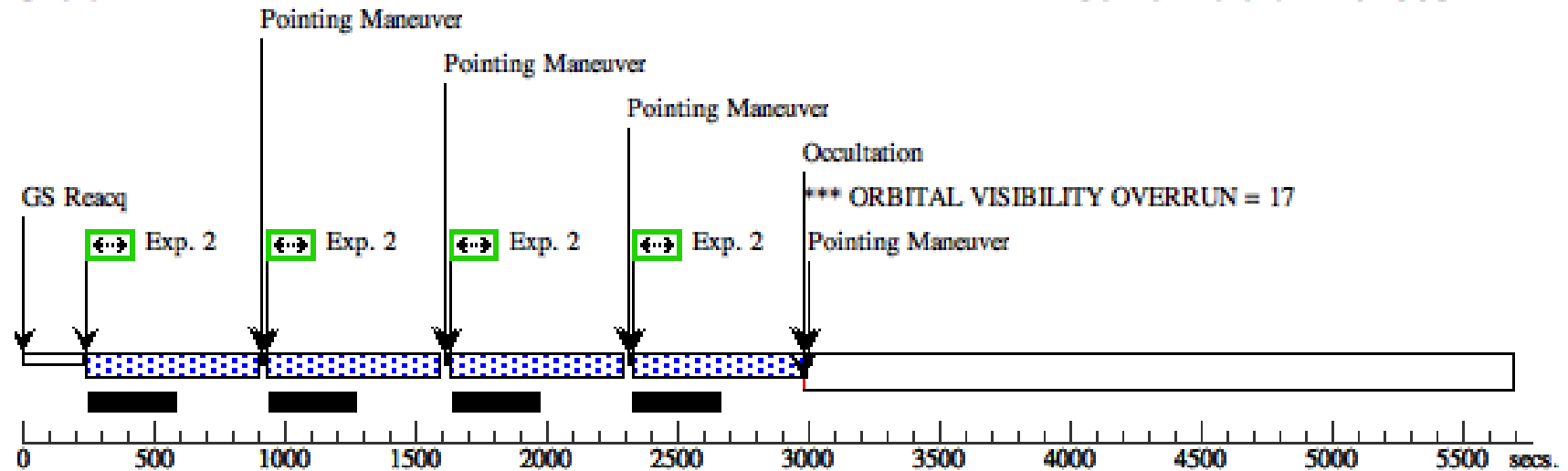
Orbit 1

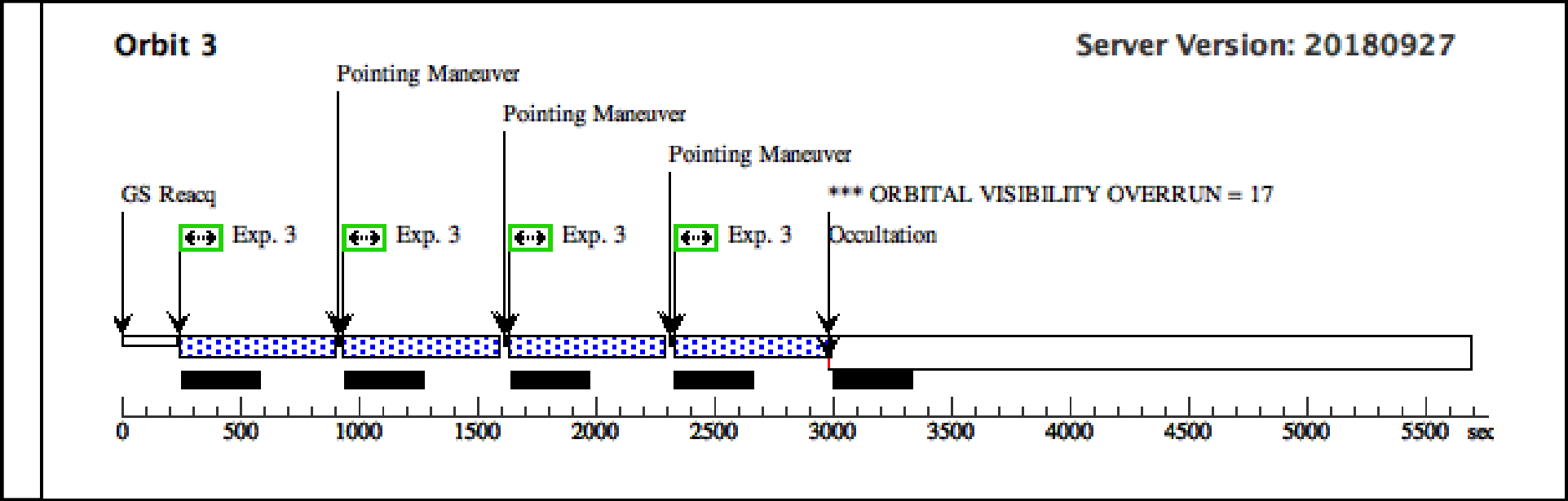
Server Version: 20180927



Orbit 2

Server Version: 20180927



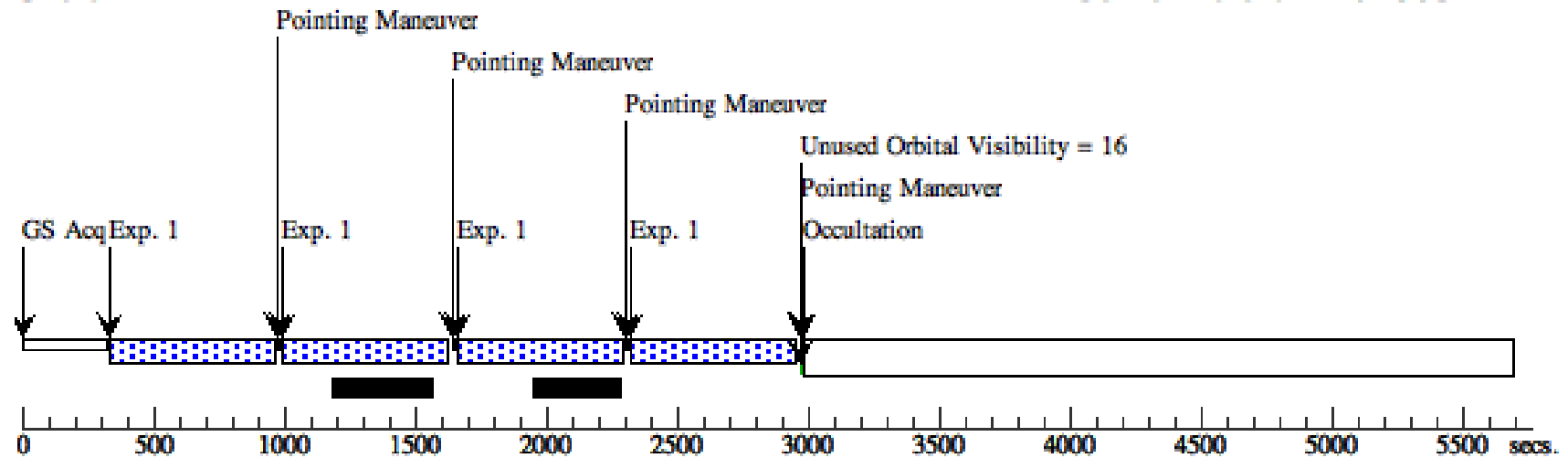


Proposal 15287 - Q1422-2-F160W (10) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q1422-2-F160W (10), implementation										Tue Nov 06 21:01:05 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: SCHED 100%; ORIENT 36D TO 67 D; ORIENT 117D TO 147 D; ORIENT 215D TO 250 D; ORIENT 289D TO 326 D; GROUP 10,11,12,13,14 WITHIN 90D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(12)	Q1422-2-IR		RA: 14 24 39.9322 (216.1663842d) Dec: +22 56 30.73 (22.94187d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(12) Q1422-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in Q1422-2-F160W (10) (3)	602.937703 Secs (2411.751 Secs)				
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]		
	2		(12) Q1422-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in Q1422-2-F160W (10) (3)	602.937703 Secs (2411.751 Secs)				
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]		
	3		(12) Q1422-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in Q1422-2-F160W (10) (3)	602.937703 Secs (2411.751 Secs)				
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]		

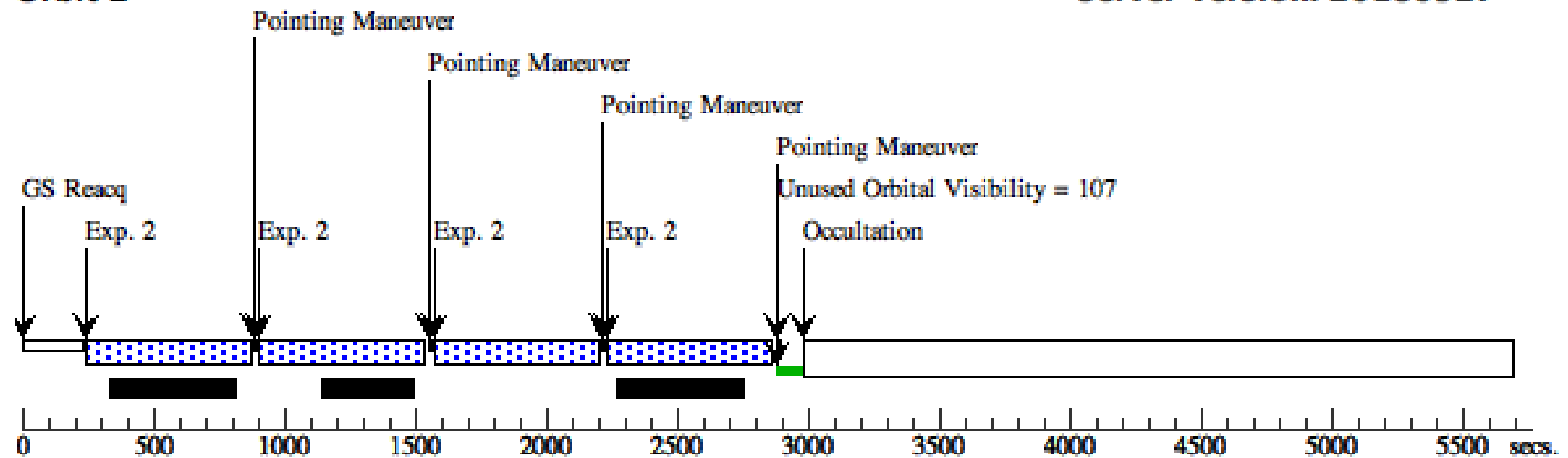
Orbit 1

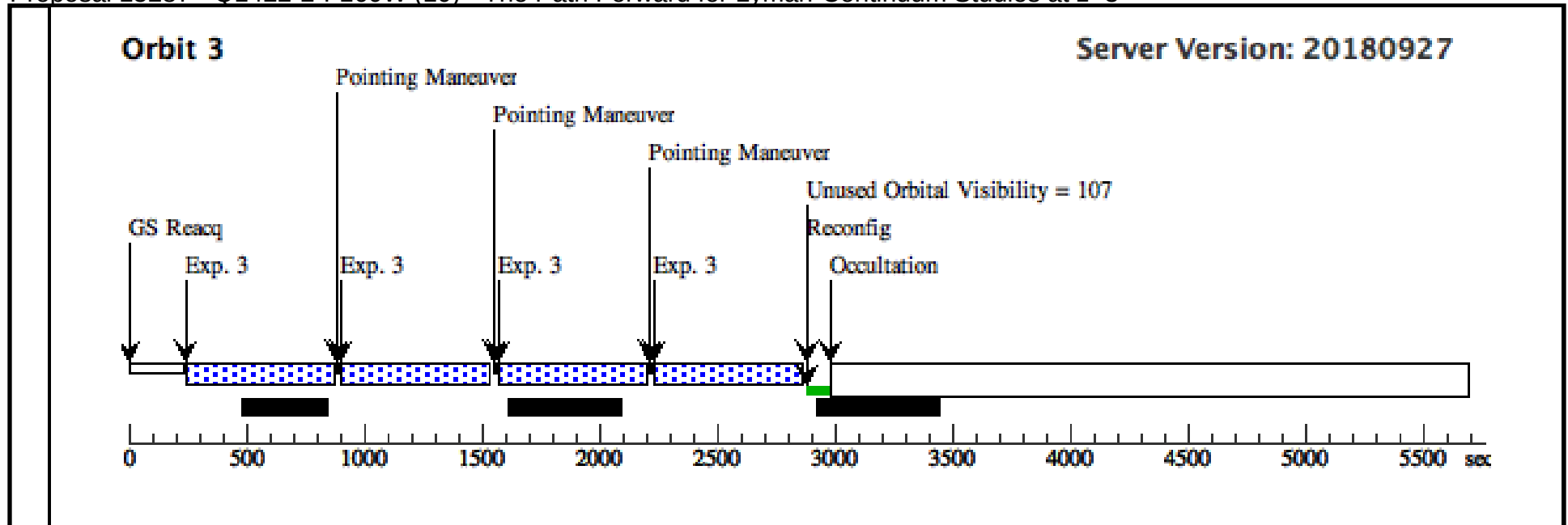
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Orbit 2

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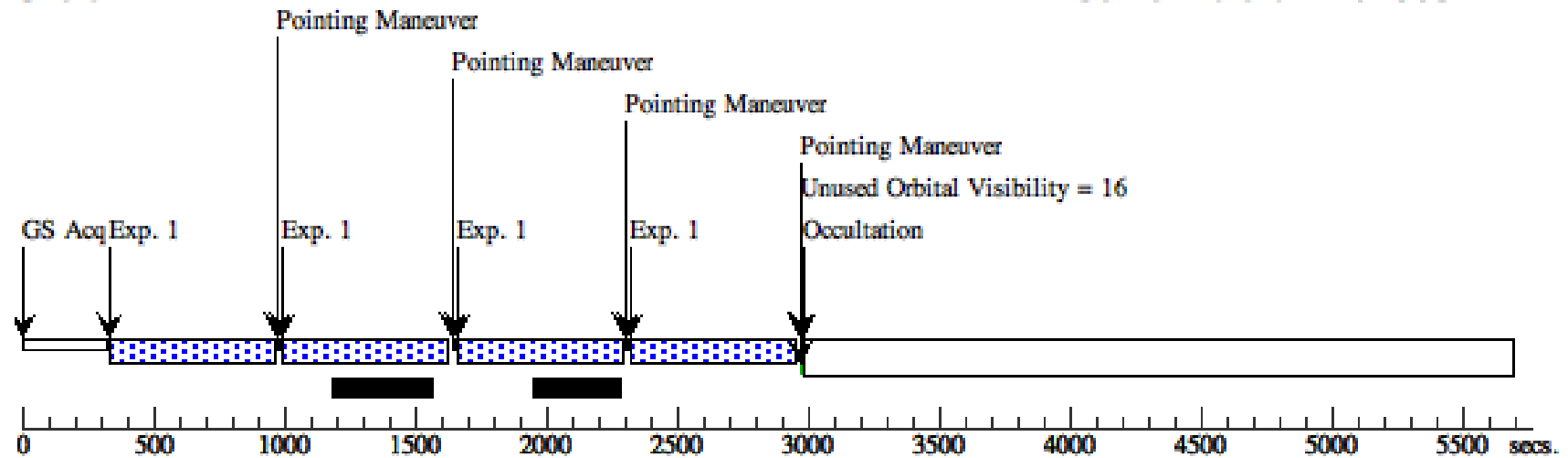


Proposal 15287 - Q1422-2-F125W (11) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q1422-2-F125W (11), implementation					Tue Nov 06 21:01:05 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; SAME ORIENT AS 10										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(12)	Q1422-2-IR	RA: 14 24 39.9322 (216.1663842d) Dec: +22 56 30.73 (22.94187d) Equinox: J2000				V=24.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(12) Q1422-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 i n Q1422-2-F125W (11) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(12) Q1422-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 i n Q1422-2-F125W (11) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(12) Q1422-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 i n Q1422-2-F125W (11) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

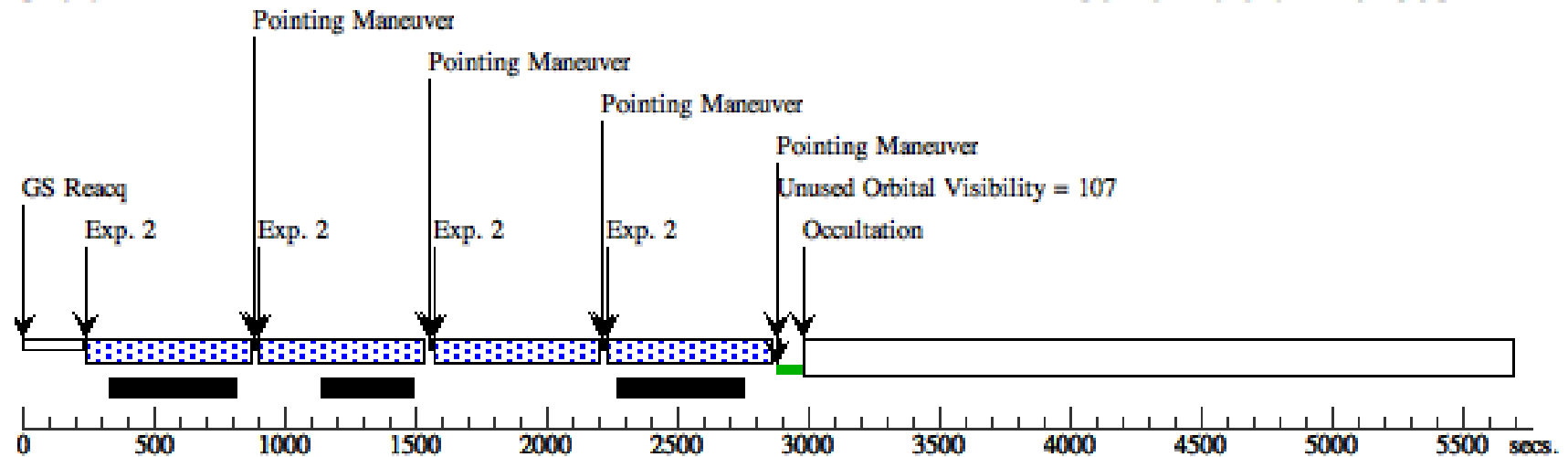
Orbit 1

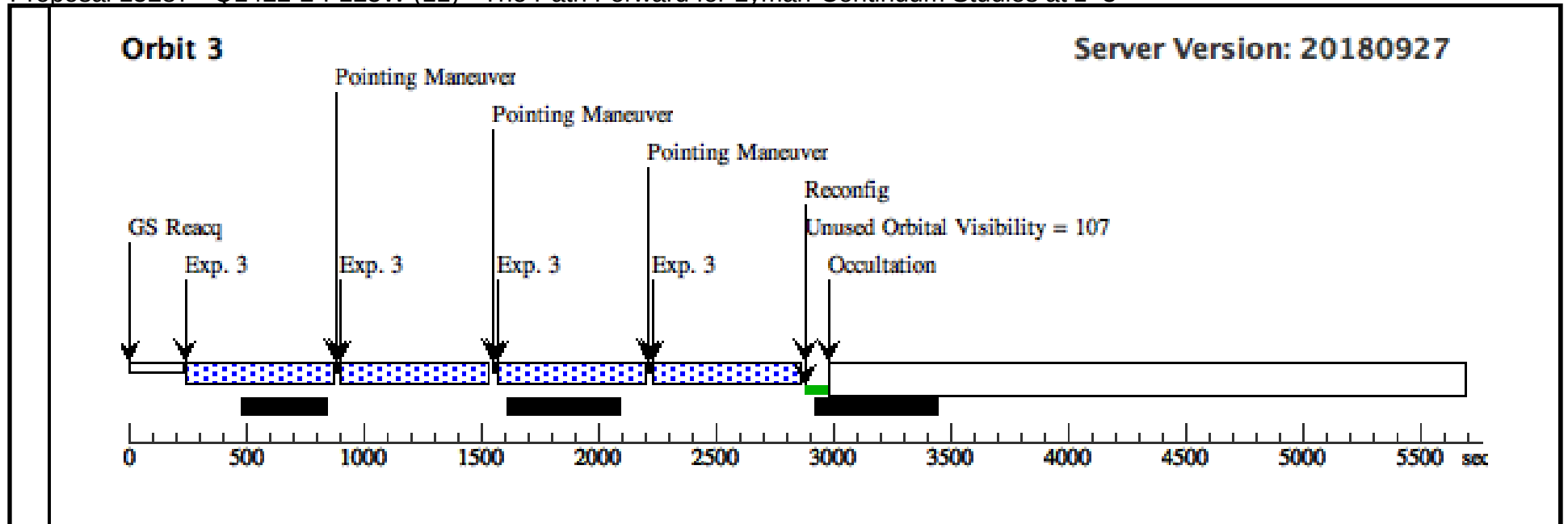
Server Version: 20180927



Orbit 2

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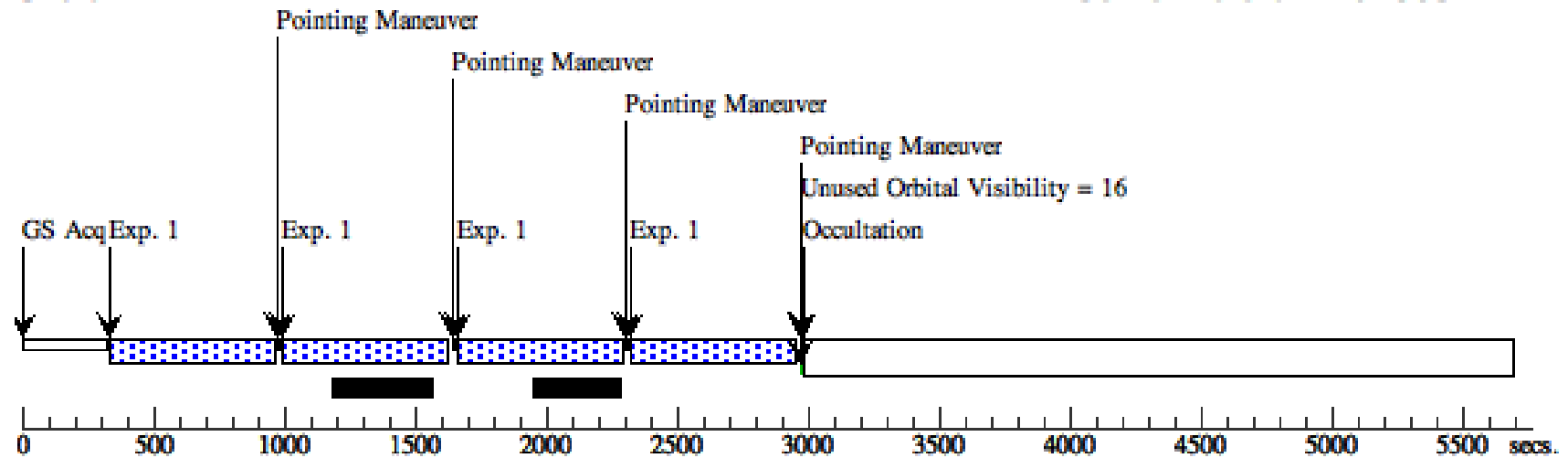


Proposal 15287 - Q1422-3-F160W (12) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q1422-3-F160W (12), implementation										Tue Nov 06 21:01:06 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: SCHED 100%; ORIENT 265D TO 321 D; ORIENT 350D TO 359 D; ORIENT 0D TO 143 D; ORIENT 181D TO 253 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=4 Center Pattern=false Point Spacing=0.636 Line Spacing=										(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(13)	Q1422-3-IR		RA: 14 24 37.0846 (216.1545192d) Dec: +22 58 16.33 (22.97120d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(13) Q1422-3-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 i n Q1422-3-F160W (12) (3)	602.937703 Secs (2411.751 Secs)				
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]		
	2		(13) Q1422-3-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 i n Q1422-3-F160W (12) (3)	602.937703 Secs (2411.751 Secs)				
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]		
	3		(13) Q1422-3-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 i n Q1422-3-F160W (12) (3)	602.937703 Secs (2411.751 Secs)				
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]		

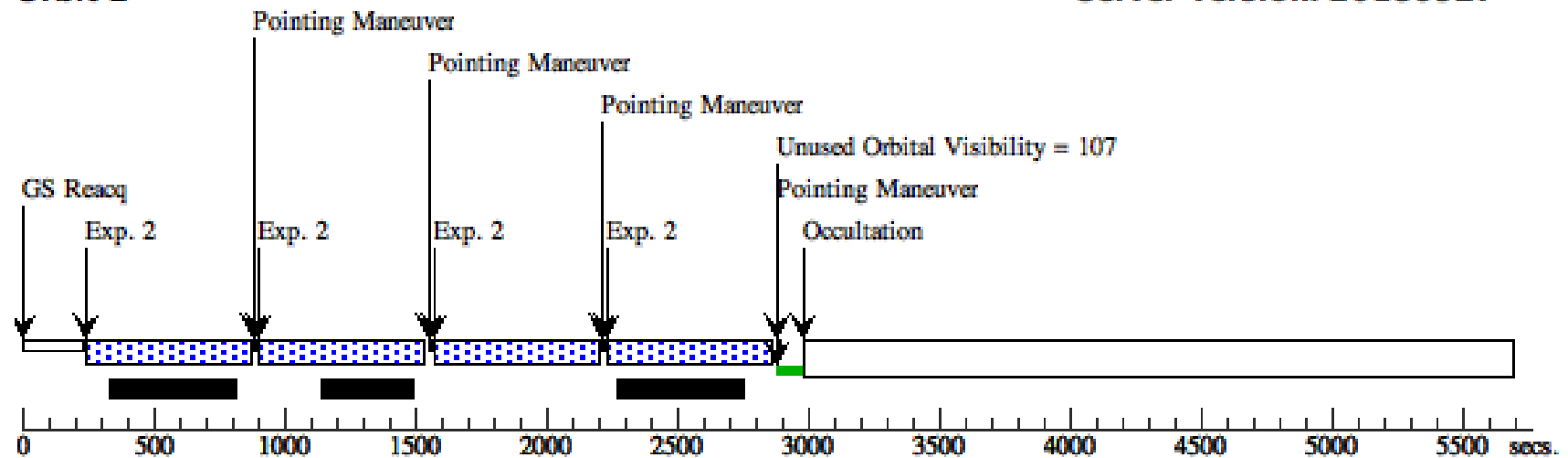
Orbit 1

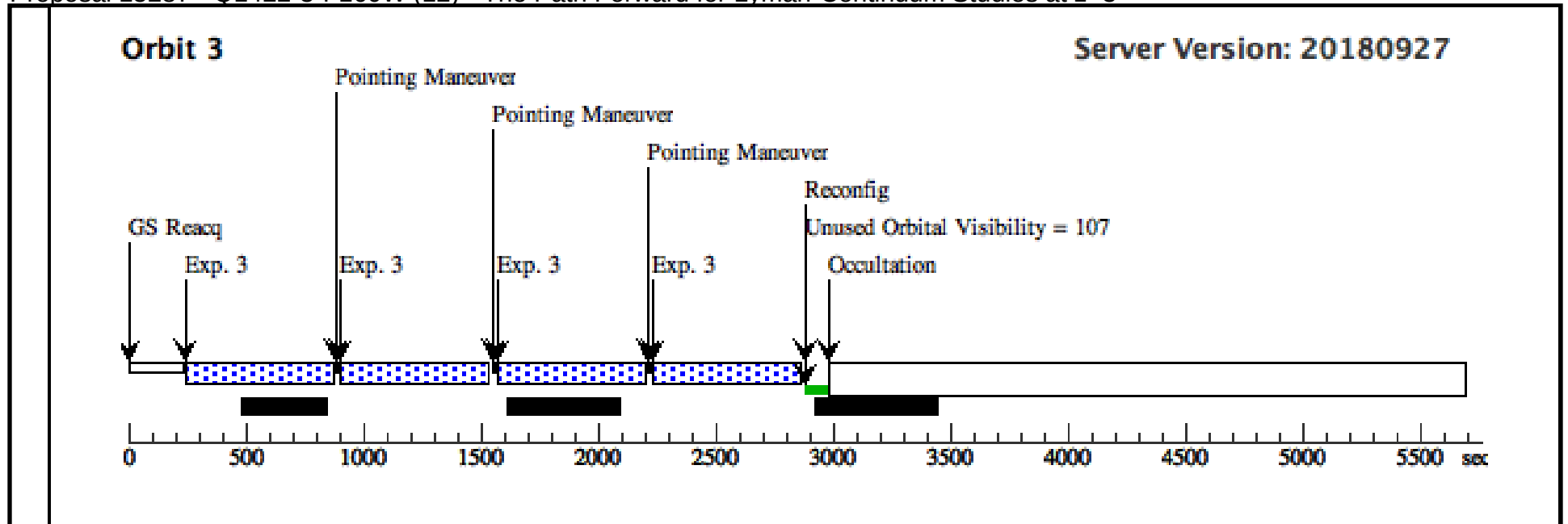
Server Version: 20180927



Orbit 2

Server Version: 20180927



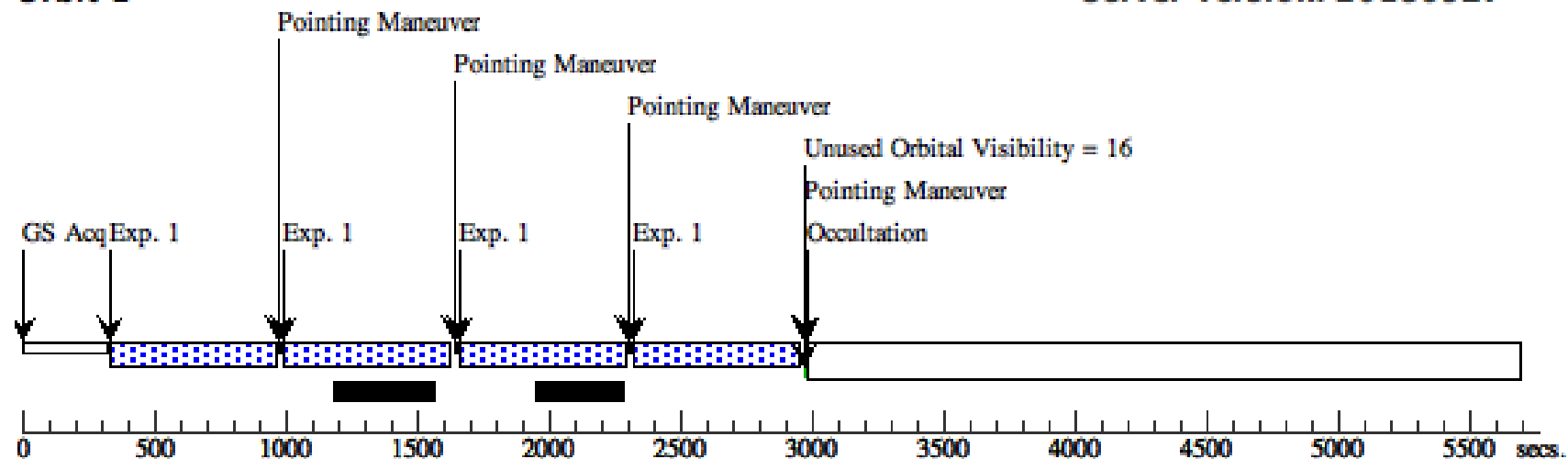


Proposal 15287 - Q1422-3-F125W (13) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q1422-3-F125W (13), implementation					Tue Nov 06 21:01:06 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; SAME ORIENT AS 12										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(13)	Q1422-3-IR	RA: 14 24 37.0846 (216.1545192d) Dec: +22 58 16.33 (22.97120d) Equinox: J2000				V=24.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(13) Q1422-3-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in Q1422-3-F125W (13) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(13) Q1422-3-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in Q1422-3-F125W (13) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(13) Q1422-3-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in Q1422-3-F125W (13) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

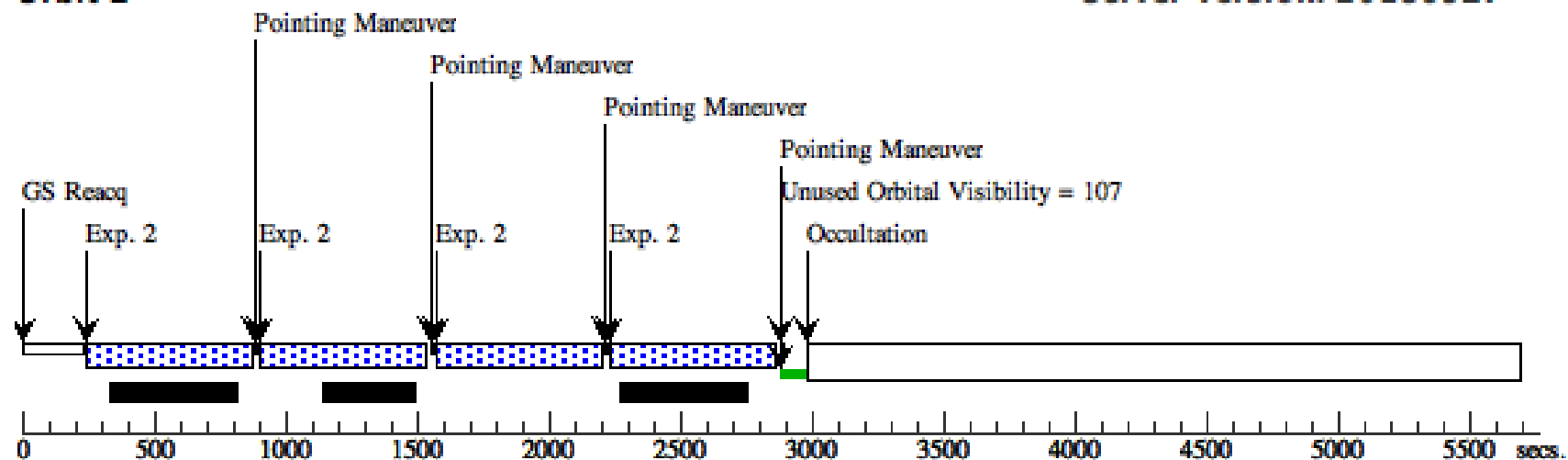
Orbit 1

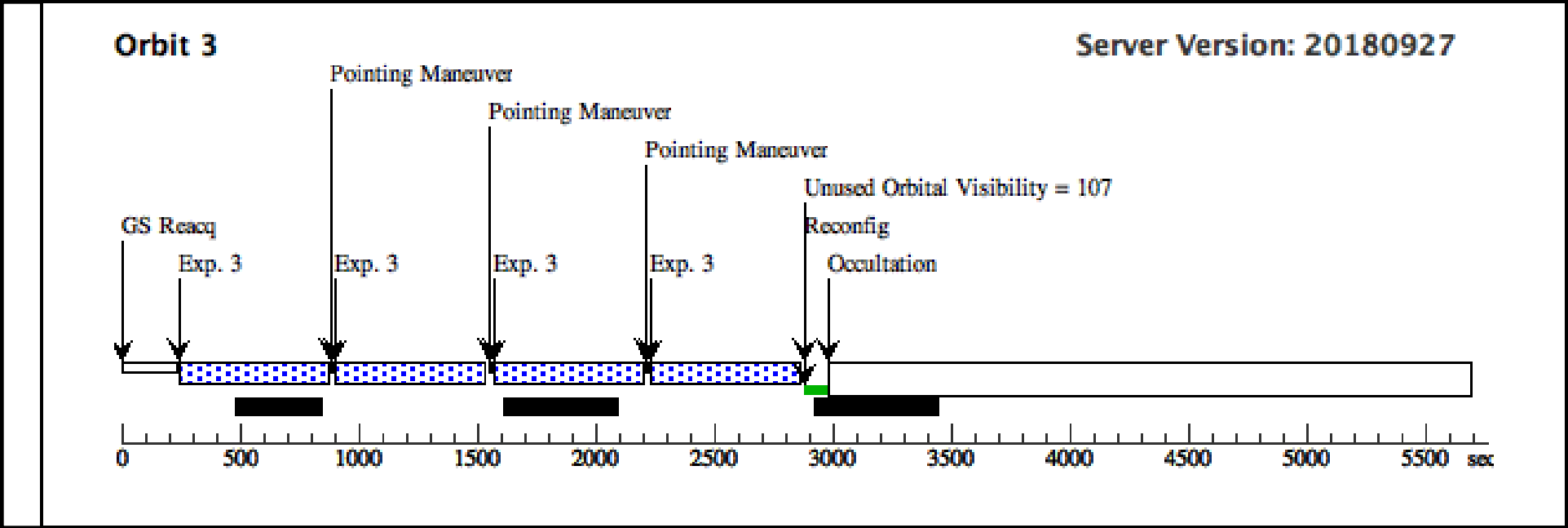
Server Version: 20180927



Orbit 2

Server Version: 20180927



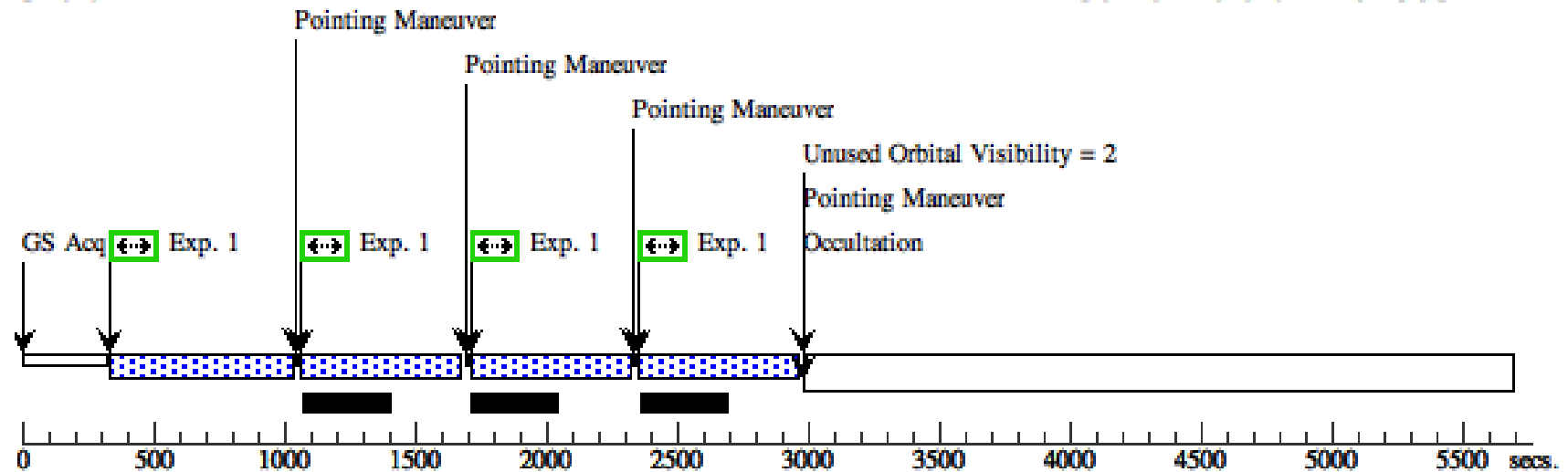


Proposal 15287 - Q1422-2-3-F606W (14) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q1422-2-3-F606W (14), implementation										Tue Nov 06 21:01:06 GMT 2018		
	Diagnostic Status: Warning												
	Scientific Instruments: ACS/WFC												
	Special Requirements: SCHED 100%; ORIENT 0D TO 14 D; ORIENT 68D TO 99 D; ORIENT 151D TO 193 D; ORIENT 246D TO 282 D; ORIENT 332D TO 359 D												
Diagnostics	(Q1422-2-3-F606W (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(Q1422-2-3-F606W (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=18.39 Purpose=DITHER Angle Between Sides=68.14 Number Of Points=4 Center Pattern=false Point Spacing=0.262 Line Spacing=0.192										(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(14)	Q1422-2-3-ACS		RA: 14 24 37.0420 (216.1543417d) Dec: +22 57 13.79 (22.95383d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(14) Q1422-2-3-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO		Pattern 2, Exps 1-1 i n Q1422-2-3-F606W (14) (2)	490 Secs (1960 Secs)			
										[==>(Pattern 1)]		[1]	
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
										[==>(Pattern 4)]			
	2		(14) Q1422-2-3-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG 0.3,0	Pattern 2, Exps 2-2 i n Q1422-2-3-F606W (14) (2)	538 Secs (2152 Secs)			
										[==>(Pattern 1)]		[2]	
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
									[==>(Pattern 4)]				
3		(14) Q1422-2-3-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG -0.3,0	Pattern 2, Exps 3-3 i n Q1422-2-3-F606W (14) (2)	538 Secs (2152 Secs)				
									[==>(Pattern 1)]		[3]		
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
									[==>(Pattern 4)]				

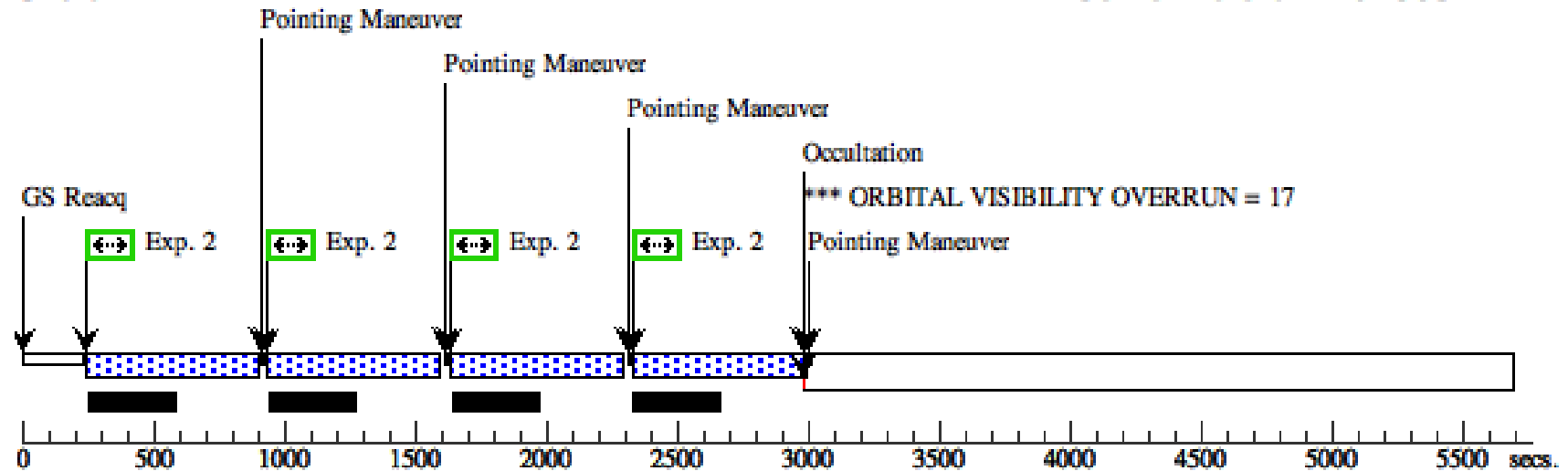
Orbit 1

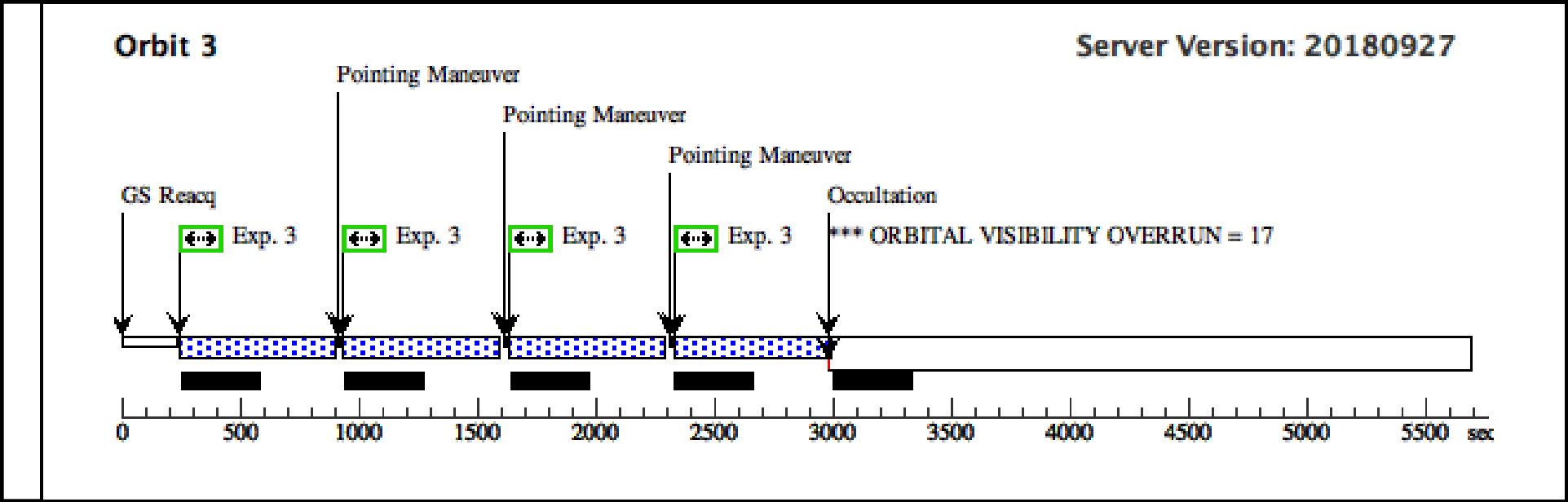
Server Version: 20180927



Orbit 2

Server Version: 20180927



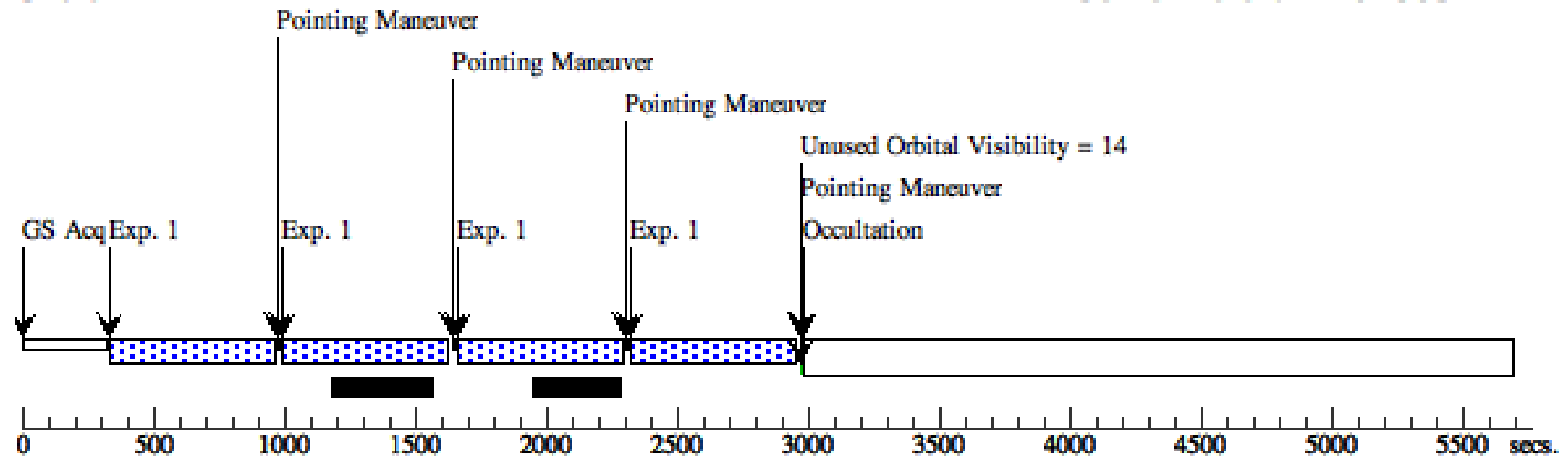


Proposal 15287 - DSF2237B-1-F160W (15) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, DSF2237B-1-F160W (15), completed										Tue Nov 06 21:01:06 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: SCHED 100%; ORIENT 344D TO 6 D; ORIENT 86D TO 105 D; ORIENT 169D TO 186 D; ORIENT 267D TO 287 D; GROUP 15,16,17,18,19 WITHIN 60D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(16)	DSF2237B-1-IR		RA: 22 39 32.7440 (339.8864333d) Dec: +11 49 43.92 (11.82887d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.		Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(16) DSF2237B-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 3, Exps 1-1 in DSF2237B-1-F160W (15) (3)	602.937703 Secs (2411.751 Secs)		
											[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(16) DSF2237B-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in DSF2237B-1-F160W (15) (3)	602.937703 Secs (2411.751 Secs)		
											[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(16) DSF2237B-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in DSF2237B-1-F160W (15) (3)	602.937703 Secs (2411.751 Secs)		
											[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

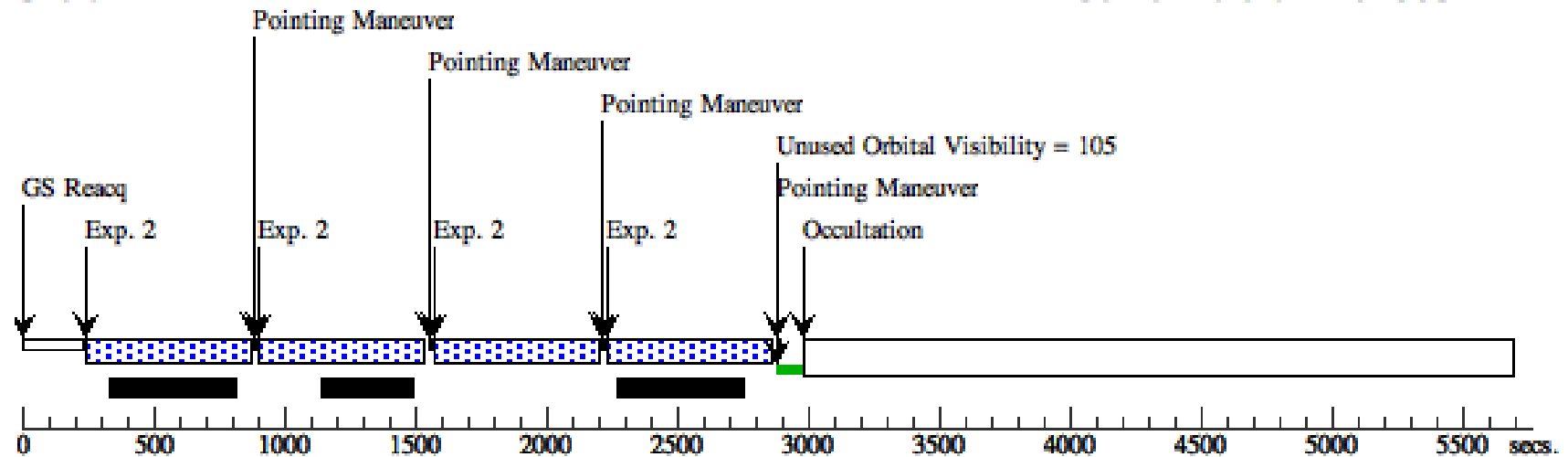
Orbit 1

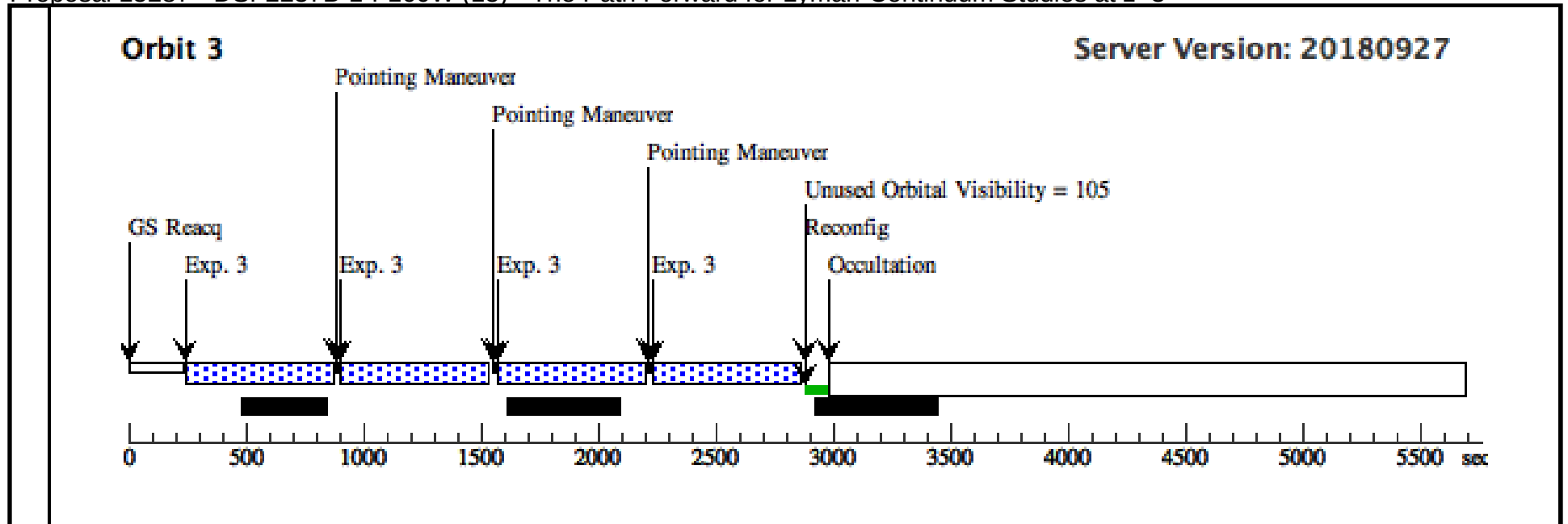
Server Version: 20180927



Orbit 2

Server Version: 20180927



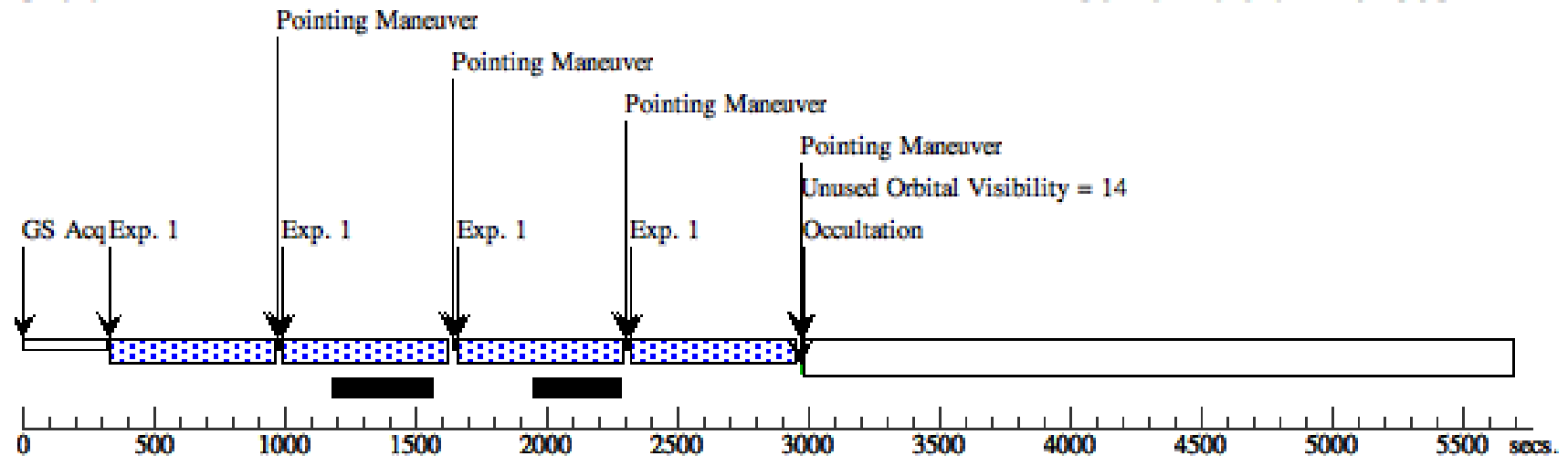


Proposal 15287 - DSF2237B-1-F125W (16) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, DSF2237B-1-F125W (16), completed										Tue Nov 06 21:01:06 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: SCHED 100%; SAME ORIENT AS 15												
Patterns	#	Primary Pattern						Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(16)	DSF2237B-1-IR		RA: 22 39 32.7440 (339.8864333d) Dec: +11 49 43.92 (11.82887d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(16) DSF2237B-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 i n DSF2237B-1-F125 W (16) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	
	2		(16) DSF2237B-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0 424	Pattern 3, Exps 2-2 i n DSF2237B-1-F125 W (16) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]	
	3		(16) DSF2237B-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0 .424	Pattern 3, Exps 3-3 i n DSF2237B-1-F125 W (16) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]	

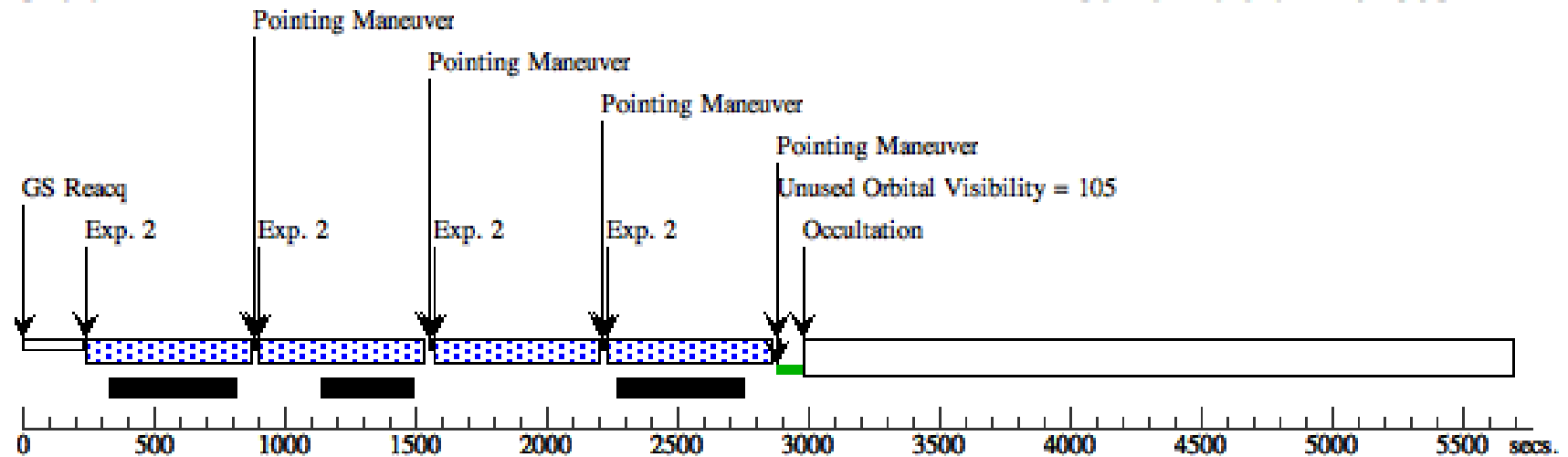
Orbit 1

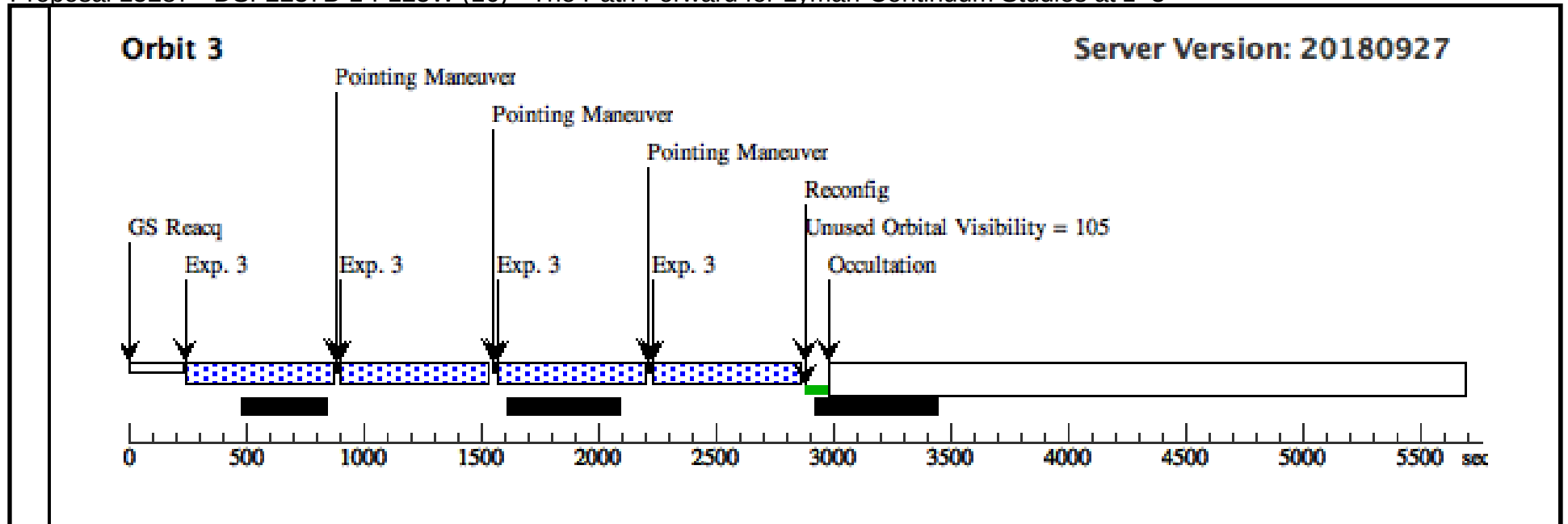
Server Version: 20180927



Orbit 2

Server Version: 20180927



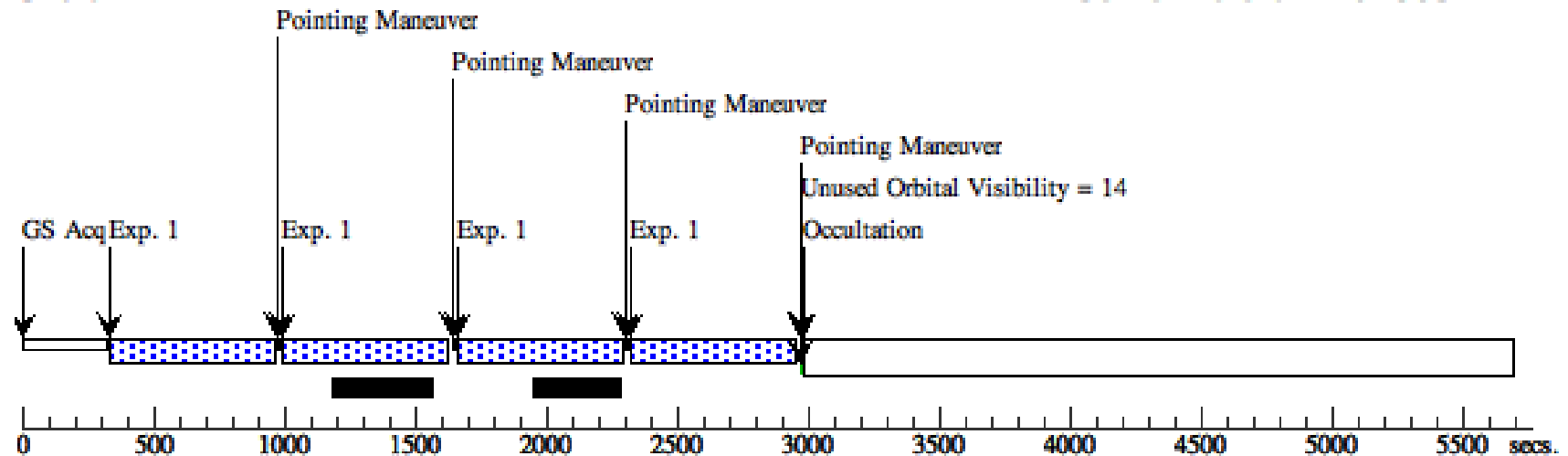


Proposal 15287 - DSF2237B-2-F160W (17) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, DSF2237B-2-F160W (17), implementation										Tue Nov 06 21:01:06 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: SCHED 100%; ORIENT 63D TO 51 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(17)	DSF2237B-2-IR		RA: 22 39 30.7460 (339.8781083d) Dec: +11 52 29.67 (11.87491d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(17) DSF2237B-2-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in DSF2237B-2-F160W (17) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	
	2		(17) DSF2237B-2-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in DSF2237B-2-F160W (17) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]	
	3		(17) DSF2237B-2-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in DSF2237B-2-F160W (17) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]	

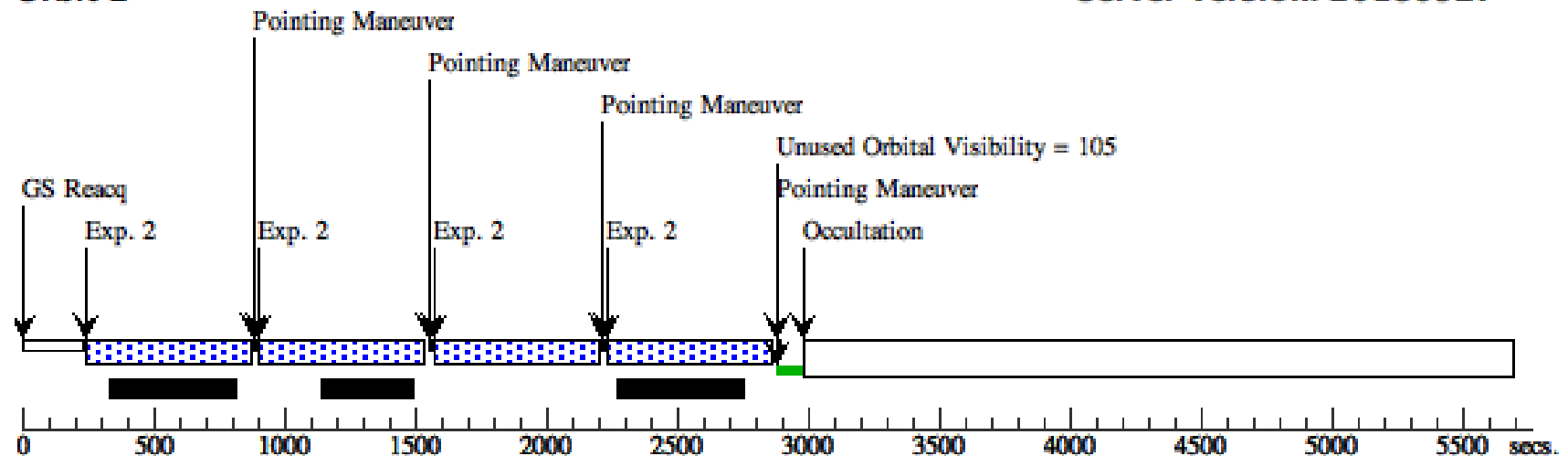
Orbit 1

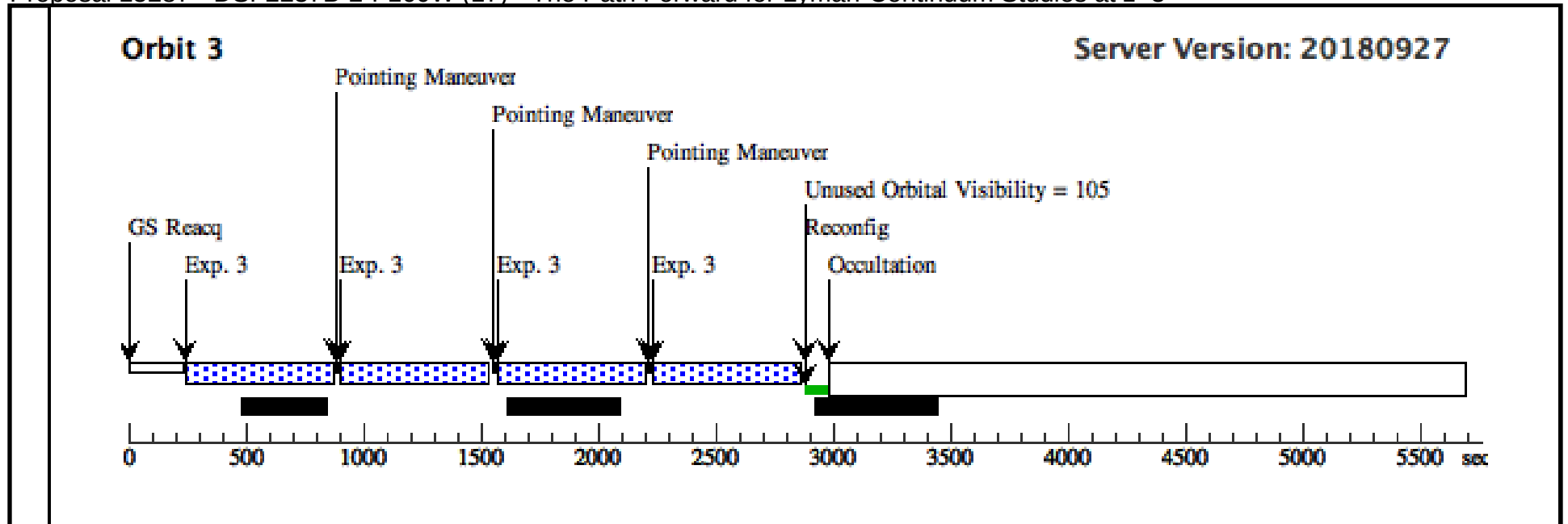
Server Version: 20180927



Orbit 2

Server Version: 20180927



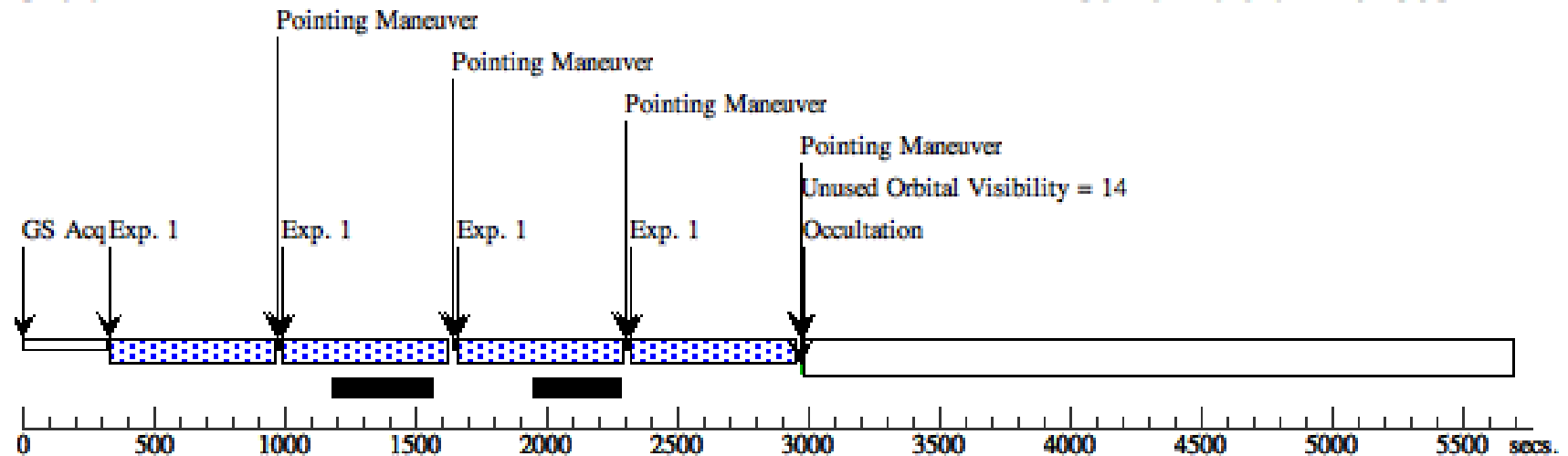


Proposal 15287 - DSF2237B-2-F125W (18) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, DSF2237B-2-F125W (18), implementation					Tue Nov 06 21:01:06 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; SAME ORIENT AS 17										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(17)	DSF2237B-2-IR	RA: 22 39 30.7460 (339.8781083d) Dec: +11 52 29.67 (11.87491d) Equinox: J2000				V=24.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(17) DSF2237B-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in DSF2237B-2-F125W (18) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(17) DSF2237B-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in DSF2237B-2-F125W (18) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(17) DSF2237B-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in DSF2237B-2-F125W (18) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

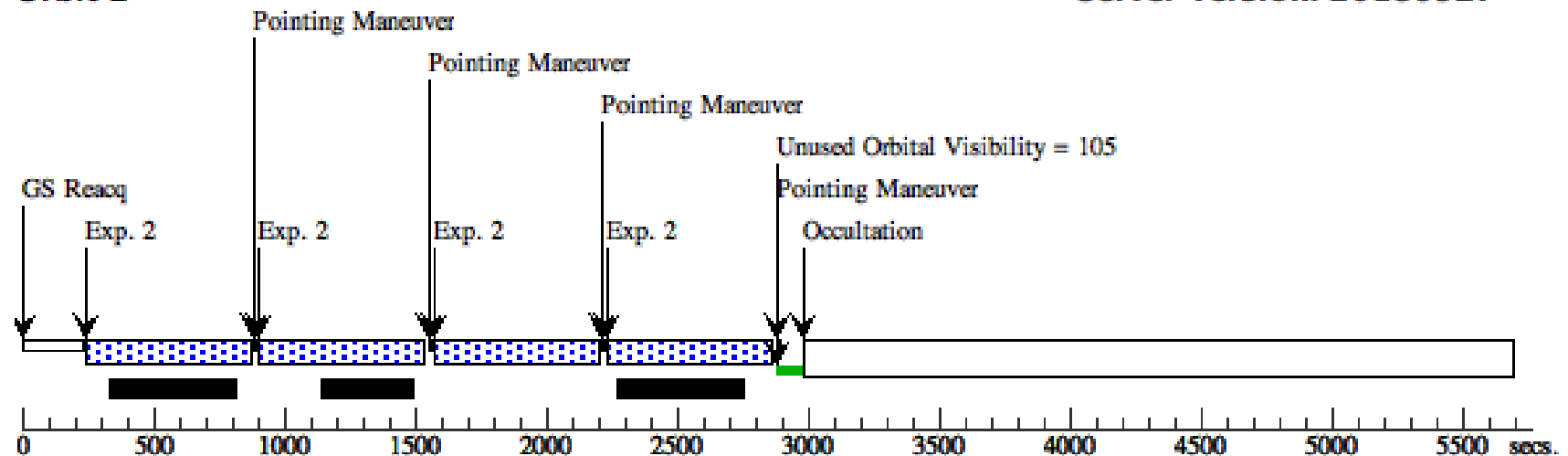
Orbit 1

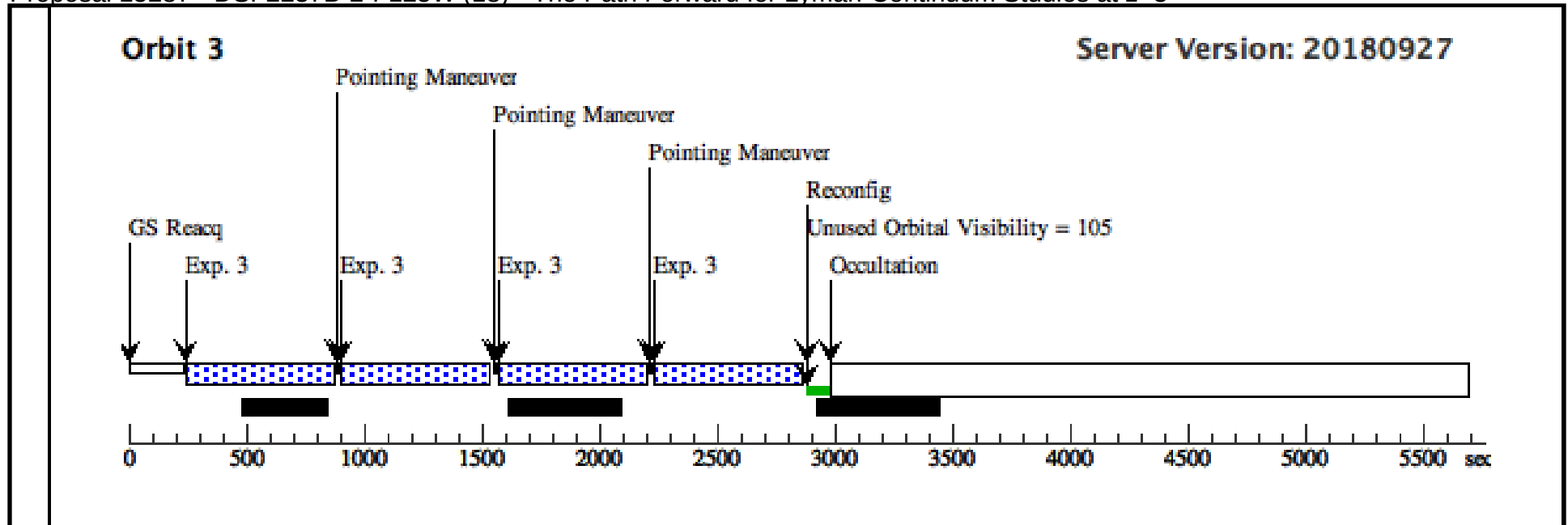
Server Version: 20180927



Orbit 2

Server Version: 20180927



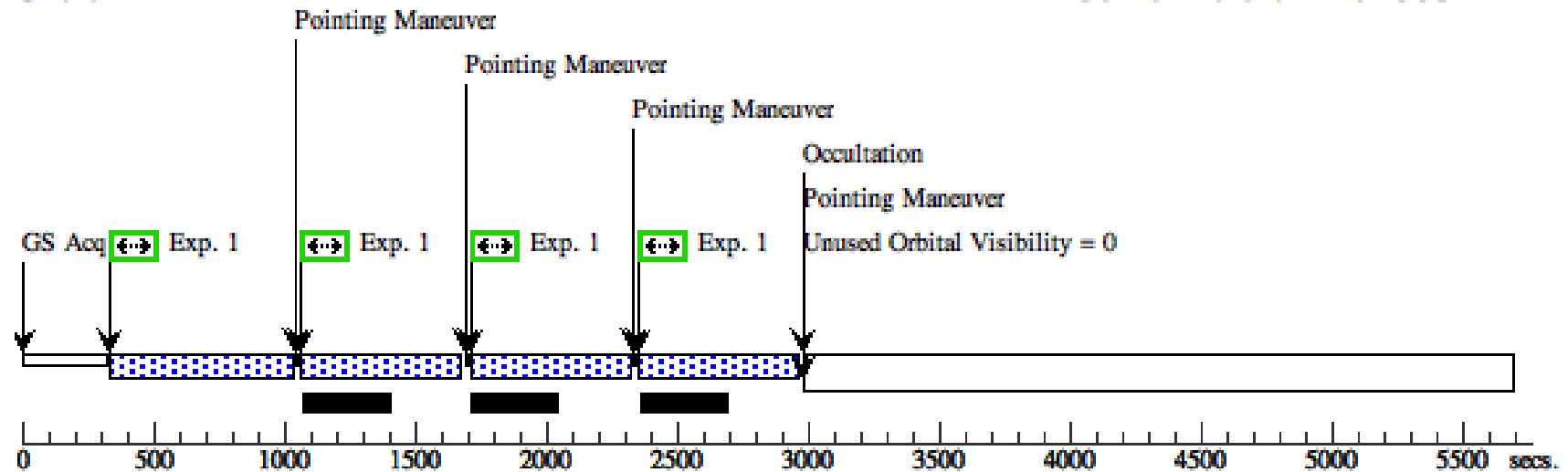


Proposal 15287 - DSF2237B-1-2-F606W (19) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, DSF2237B-1-2-F606W (19), completed										Tue Nov 06 21:01:06 GMT 2018		
	Diagnostic Status: Warning												
	Scientific Instruments: ACS/WFC												
	Special Requirements: SCHED 100%; ORIENT 64D TO 68 D; ORIENT 73D TO 83 D; ORIENT 147D TO 169 D; ORIENT 242D TO 249 D; ORIENT 255D TO 262 D; ORIENT 327D TO 351 D												
Diagnostics	(DSF2237B-1-2-F606W (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(DSF2237B-1-2-F606W (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=18.39 Purpose=DITHER Angle Between Sides=68.14 Number Of Points=4 Center Pattern=false Point Spacing=0.262 Line Spacing=0.192										(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(18)	DSF2237B-1-2-ACS		RA: 22 39 29.8780 (339.8744917d) Dec: +11 51 29.86 (11.85829d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(18) DSF2237B-1-2-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO		Pattern 2, Exps 1-1 in DSF2237B-1-2-F606W (19) (2)	490 Secs (1960 Secs)			
										[==>(Pattern 1)]		[1]	
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
										[==>(Pattern 4)]			
	2		(18) DSF2237B-1-2-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG 0.3,0	Pattern 2, Exps 2-2 in DSF2237B-1-2-F606W (19) (2)	538 Secs (2152 Secs)			
										[==>(Pattern 1)]		[2]	
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
									[==>(Pattern 4)]				
3		(18) DSF2237B-1-2-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG -0.3,0	Pattern 2, Exps 3-3 in DSF2237B-1-2-F606W (19) (2)	538 Secs (2152 Secs)				
									[==>(Pattern 1)]		[3]		
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
									[==>(Pattern 4)]				

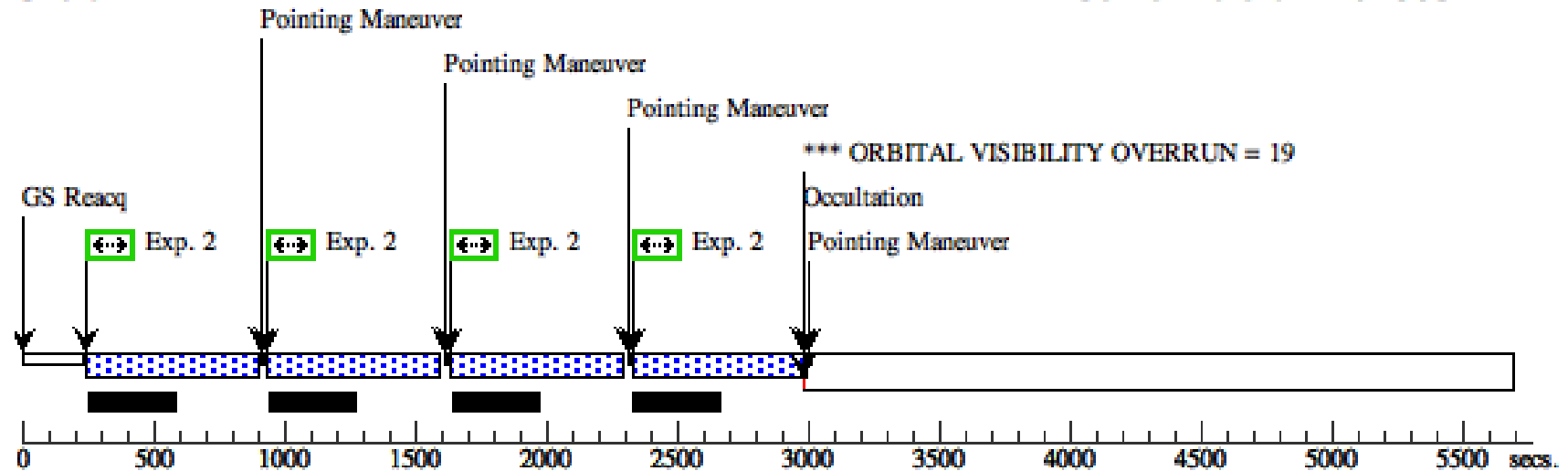
Orbit 1

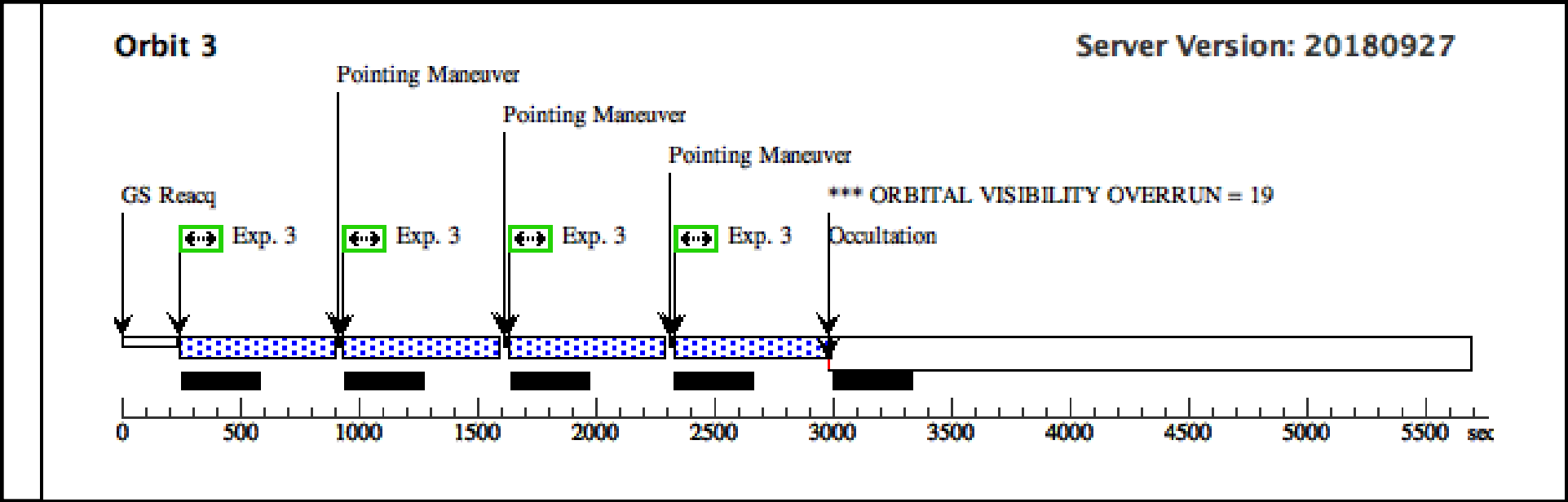
Server Version: 20180927



Orbit 2

Server Version: 20180927



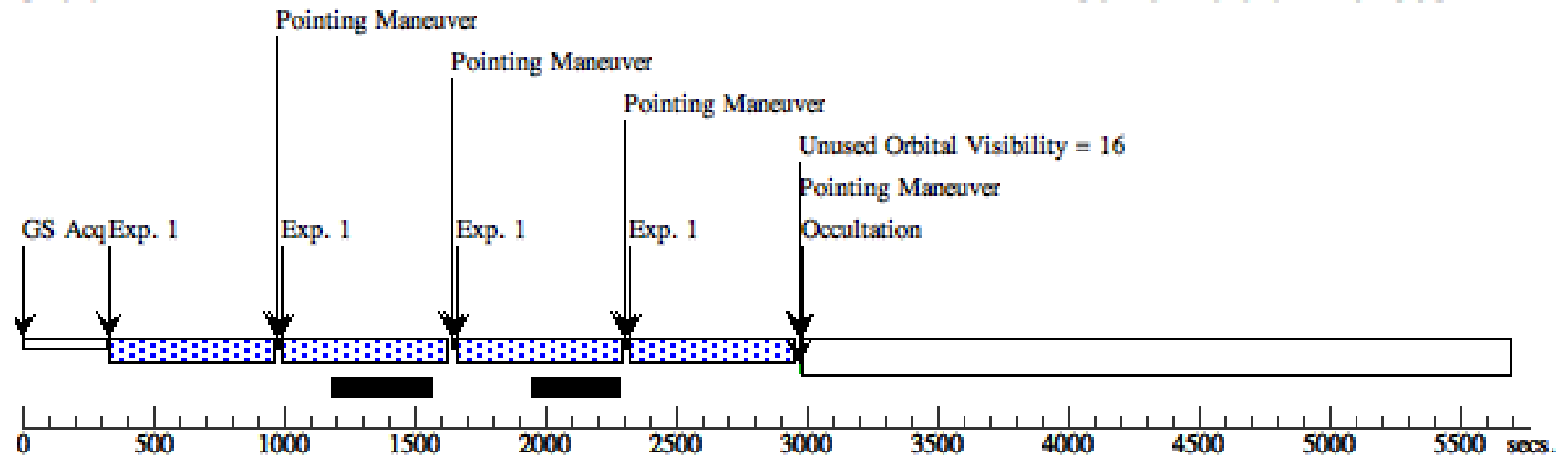


Proposal 15287 - Q1549-1-F160W (20) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q1549-1-F160W (20), completed										Tue Nov 06 21:01:06 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: SCHED 100%; GROUP 20,21 WITHIN 60D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(15)	Q1549-1-IR		RA: 15 51 46.4520 (237.9435500d) Dec: +19 09 40.39 (19.16122d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(15) Q1549-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in Q1549-1-F160W (20) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	
	2		(15) Q1549-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in Q1549-1-F160W (20) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]	
	3		(15) Q1549-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in Q1549-1-F160W (20) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]	

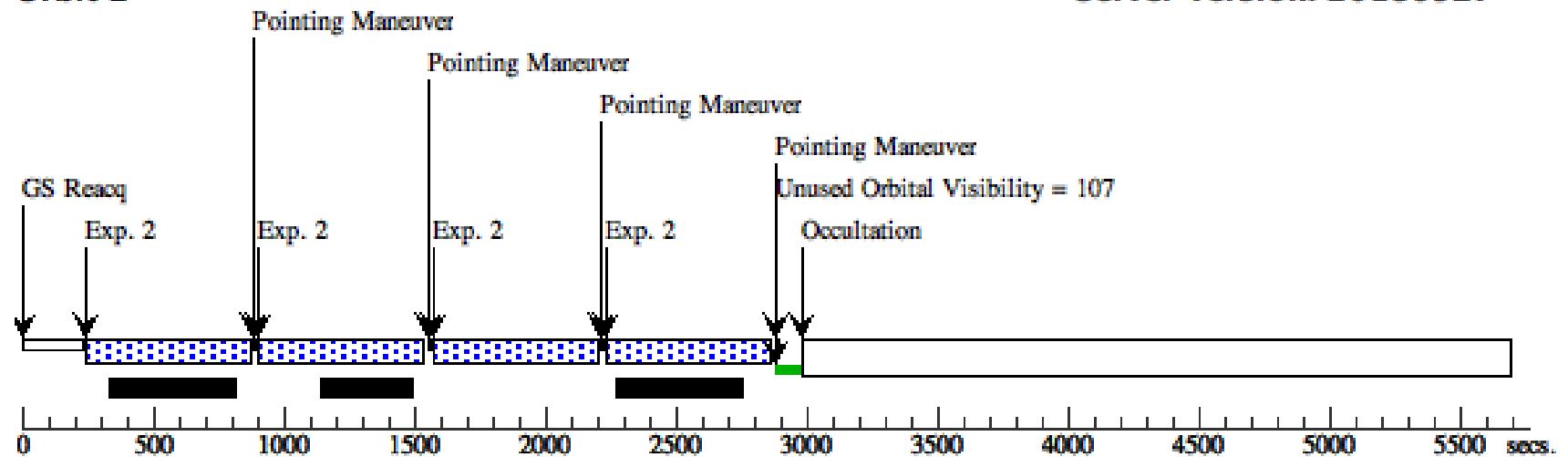
Orbit 1

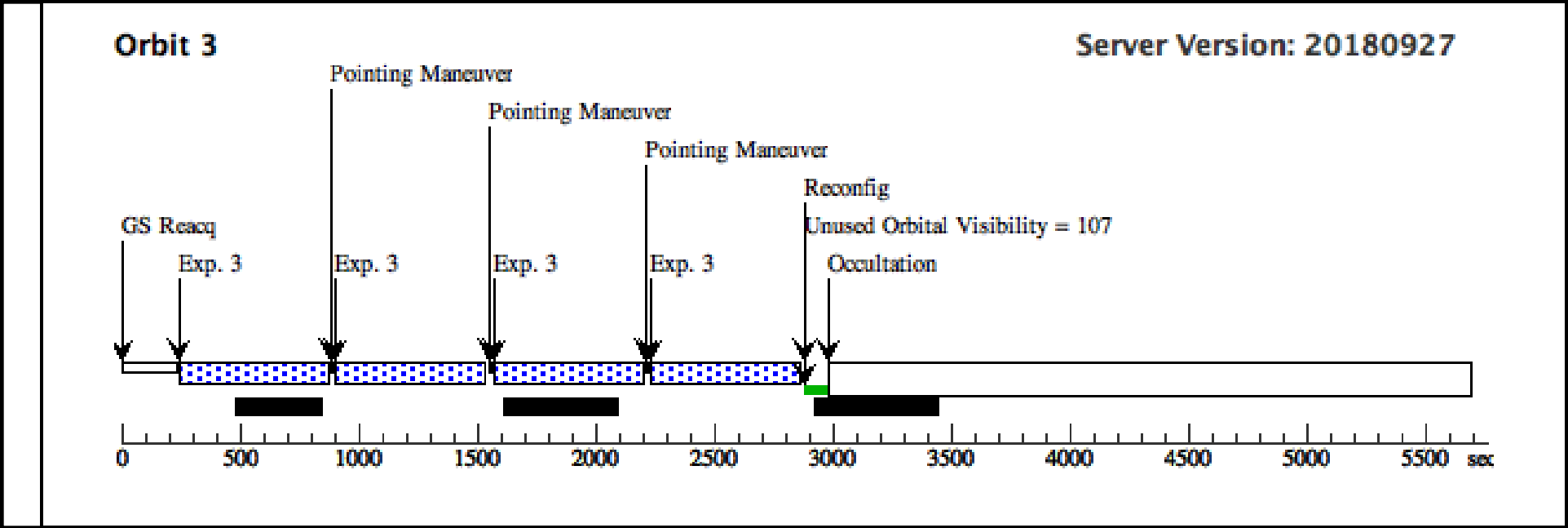
Server Version: 20180927



Orbit 2

Server Version: 20180927



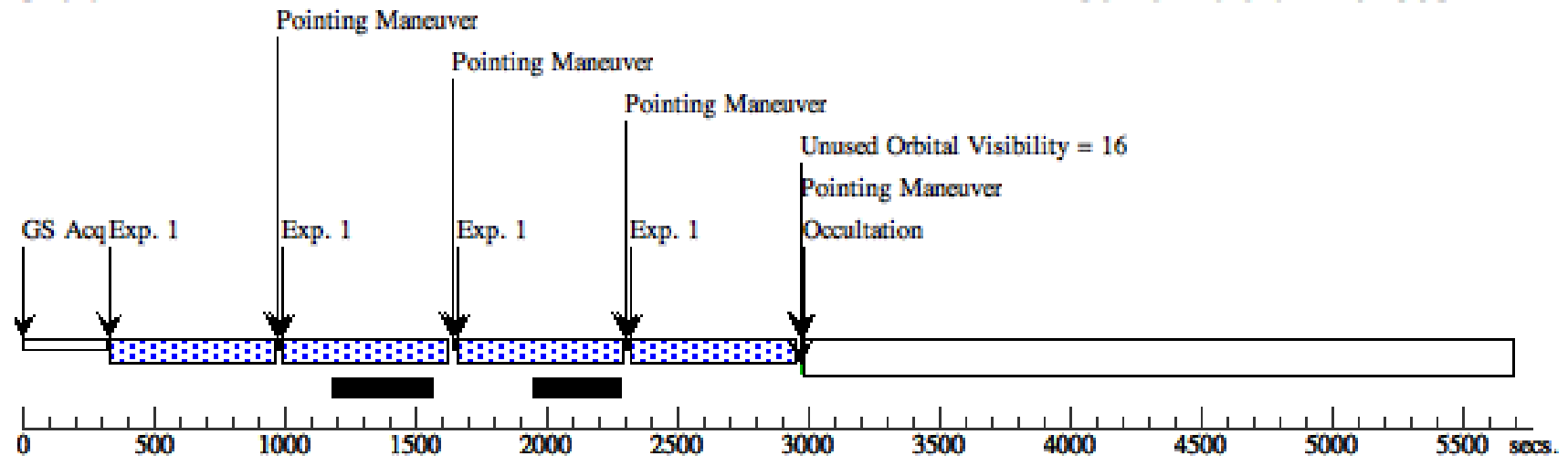


Proposal 15287 - Q1549-1-F125W (21) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, Q1549-1-F125W (21), completed					Tue Nov 06 21:01:06 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; SAME ORIENT AS 20										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(15)	Q1549-1-IR	RA: 15 51 46.4520 (237.9435500d) Dec: +19 09 40.39 (19.16122d) Equinox: J2000				V=24.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(15) Q1549-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in Q1549-1-F125W (21) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(15) Q1549-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in Q1549-1-F125W (21) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(15) Q1549-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in Q1549-1-F125W (21) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

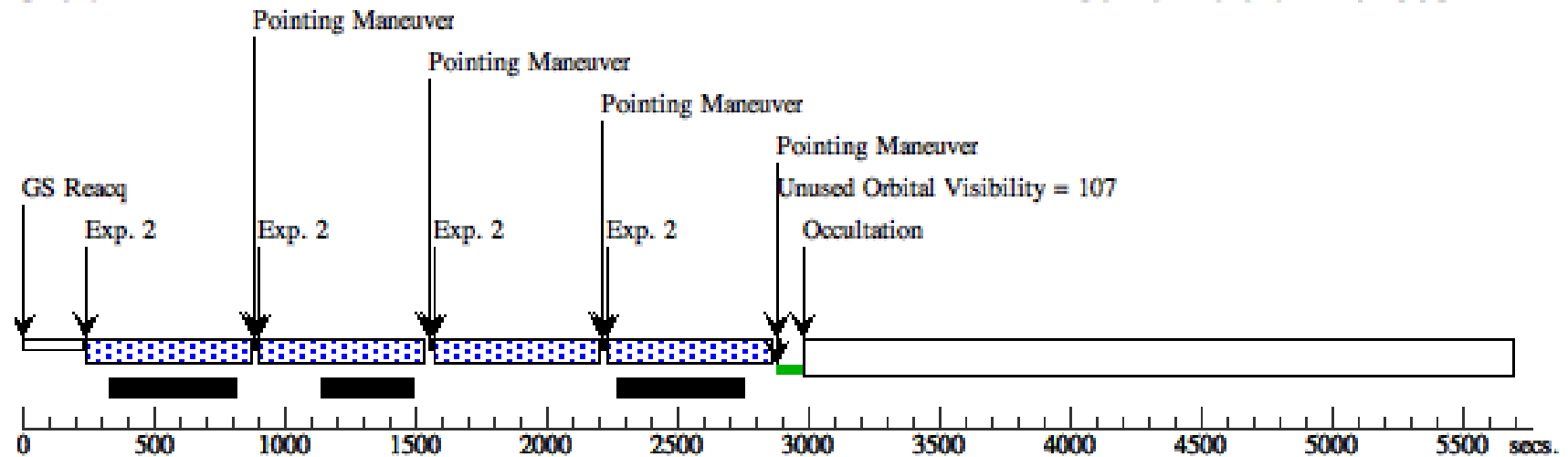
Orbit 1

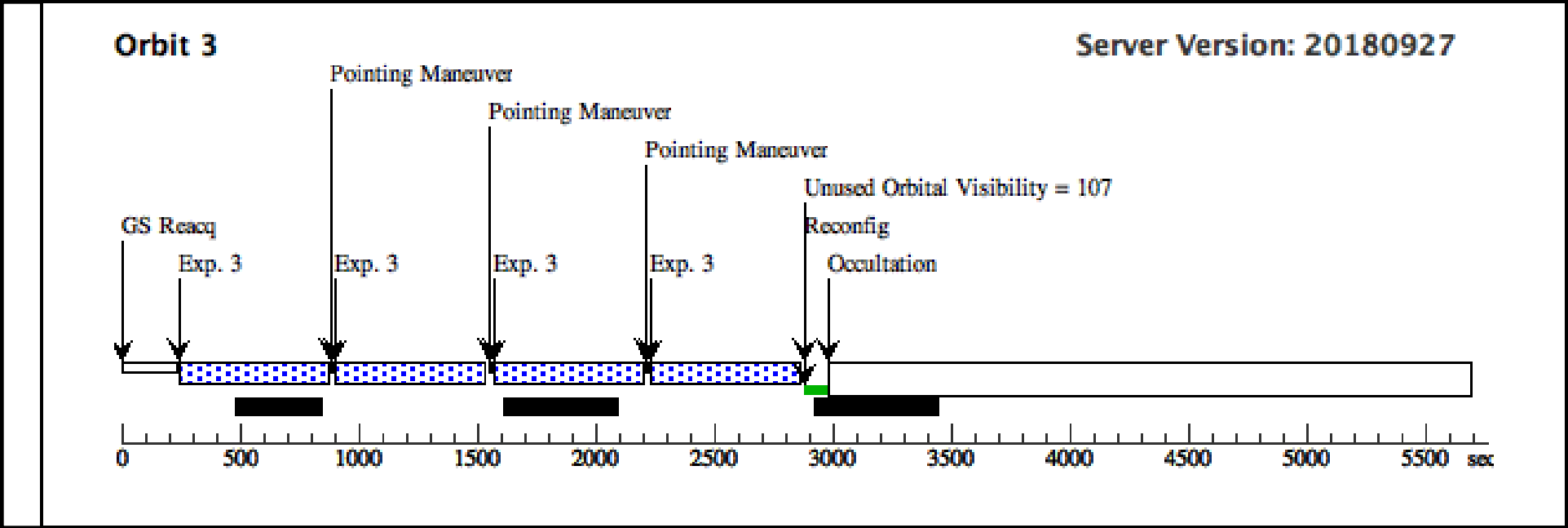
Server Version: 20180927



Orbit 2

Server Version: 20180927



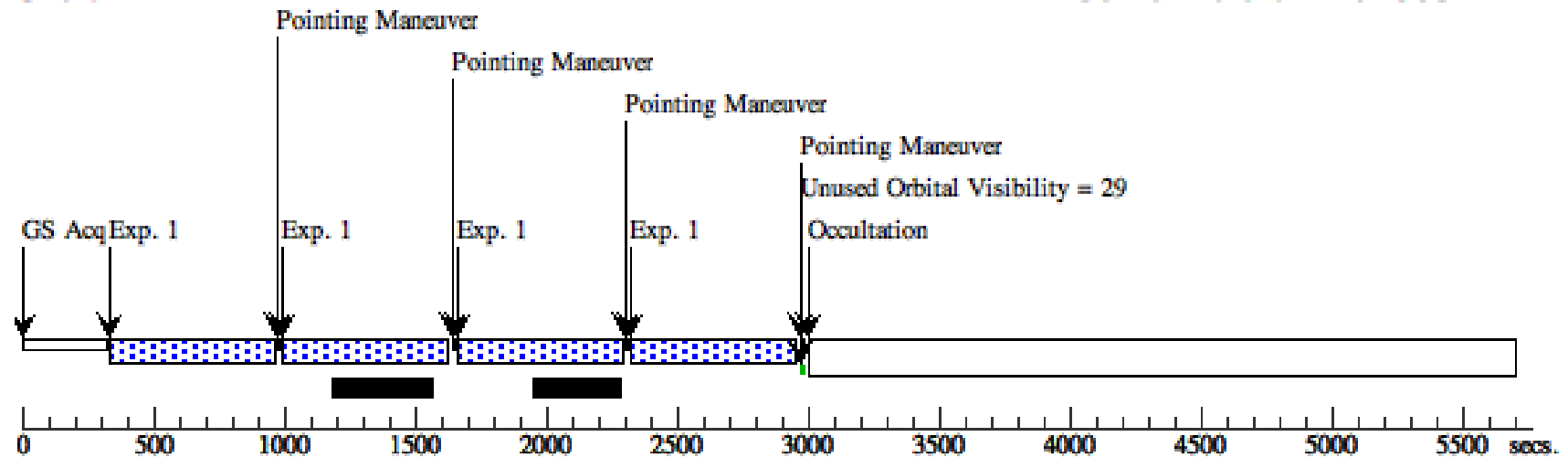


Proposal 15287 - WESTPHAL-1-F160W (22) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, WESTPHAL-1-F160W (22), completed					Tue Nov 06 21:01:06 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; GROUP 22,23,24,25,26 WITHIN 60D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	WESTPHAL-1-IR	RA: 14 18 18.5796 (214.5774150d) Dec: +52 27 34.50 (52.45958d) Equinox: J2000				V=24.5		Reference Frame: ICRS		
	Comments:										
	Category=GALAXY Description=[HIGH REDSHIFT GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) WESTPHAL-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in WESTPHAL-1-F160W (22) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(5) WESTPHAL-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in WESTPHAL-1-F160W (22) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(5) WESTPHAL-1-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in WESTPHAL-1-F160W (22) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

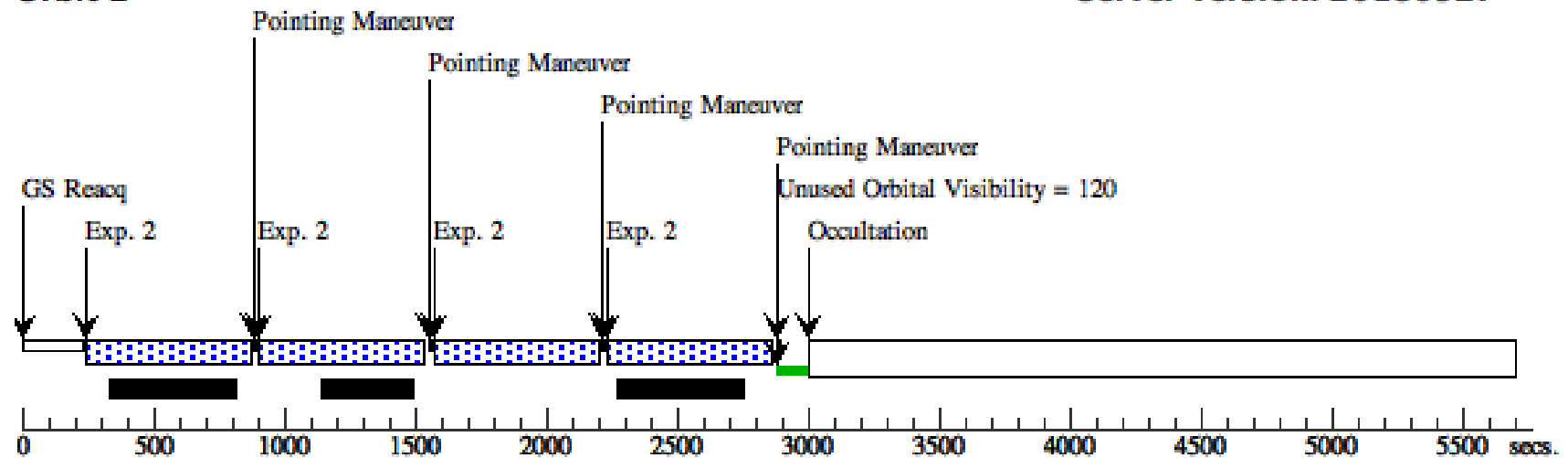
Orbit 1

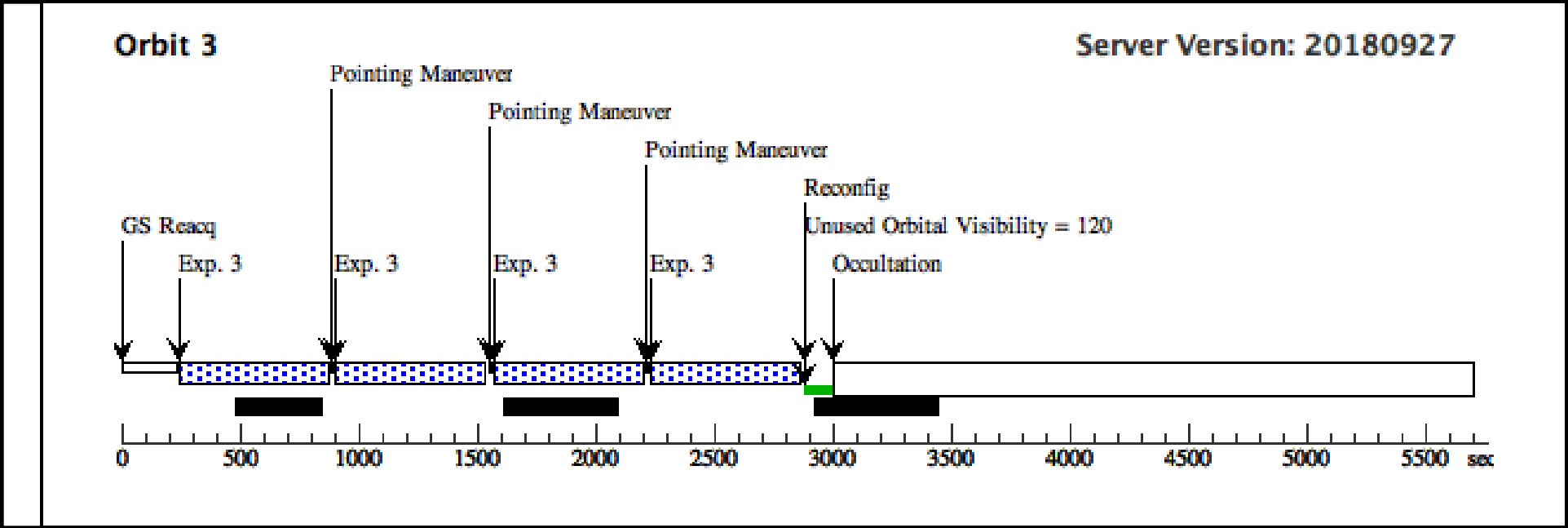
Server Version: 20180927



Orbit 2

Server Version: 20180927



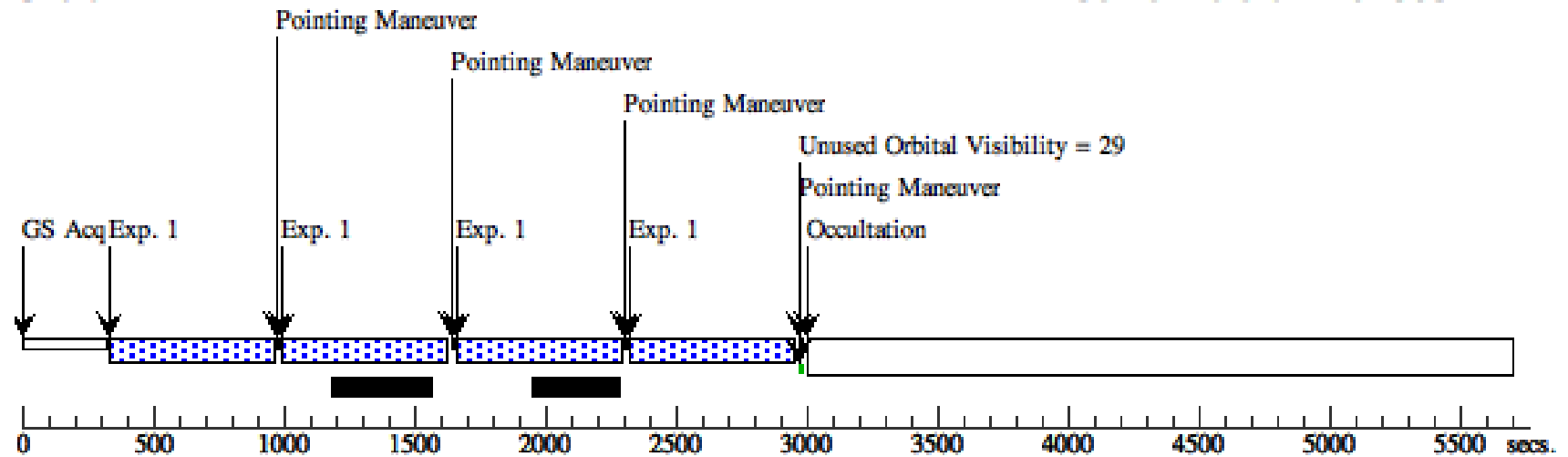


Proposal 15287 - WESTPHAL-1-F125W (23) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, WESTPHAL-1-F125W (23), completed										Tue Nov 06 21:01:06 GMT 2018			
	Diagnostic Status: No Diagnostics													
	Scientific Instruments: WFC3/IR													
	Special Requirements: SCHED 100%; SAME ORIENT AS 22													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=4 Center Pattern=false Point Spacing=0.636 Line Spacing=										(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(5)	WESTPHAL-1-IR		RA: 14 18 18.5796 (214.5774150d) Dec: +52 27 34.50 (52.45958d) Equinox: J2000				V=24.5		Reference Frame: ICRS				
	Comments:													
	Category=GALAXY Description=[HIGH REDSHIFT GALAXY]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.		Special Reqs.	Groups		Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) WESTPHAL-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 3, Exps 1-1 in WESTPHAL-1-F125W (23) (3)		602.937703 Secs (2411.751 Secs)		
												[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(5) WESTPHAL-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50		POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in WESTPHAL-1-F125W (23) (3)		602.937703 Secs (2411.751 Secs)		
												[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(5) WESTPHAL-1-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50		POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in WESTPHAL-1-F125W (23) (3)		602.937703 Secs (2411.751 Secs)		
												[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

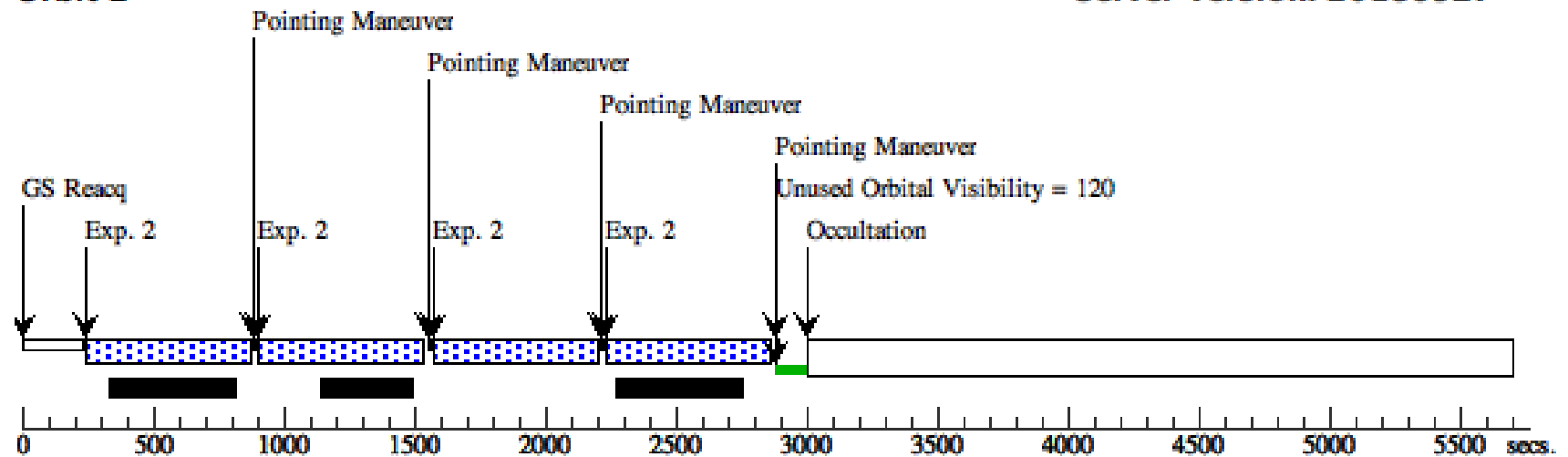
Orbit 1

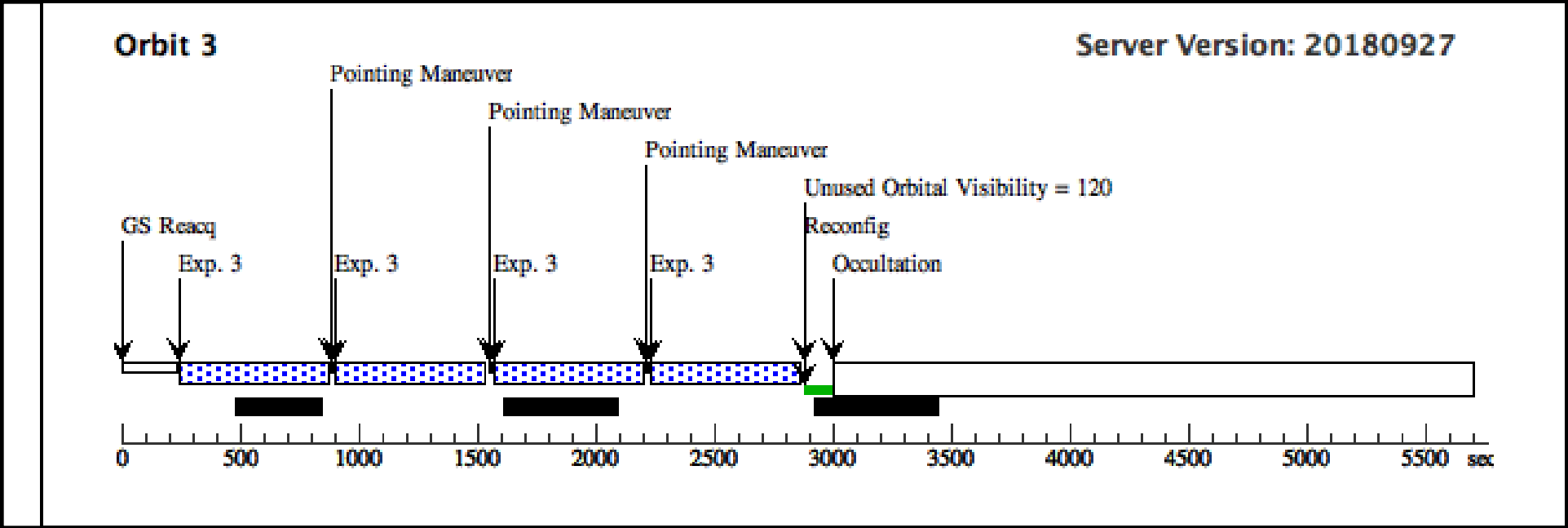
Server Version: 20180927



Orbit 2

Server Version: 20180927



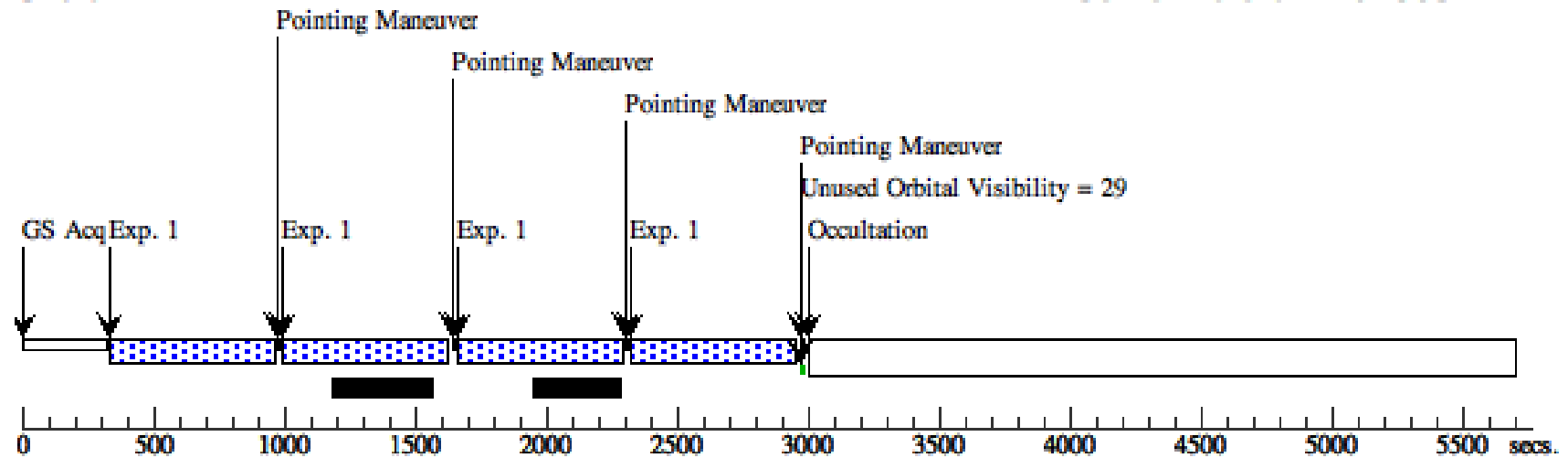


Proposal 15287 - WESTPHAL-2-F160W (24) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, WESTPHAL-2-F160W (24), completed					Tue Nov 06 21:01:06 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; ORIENT 0D TO 189 D; ORIENT 201D TO 359 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	WESTPHAL-2-IR	RA: 14 18 24.3017 (214.6012571d) Dec: +52 30 2.61 (52.50073d) Equinox: J2000				V=24.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) WESTPHAL-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in WESTPHAL-2-F160W (24) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(6) WESTPHAL-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in WESTPHAL-2-F160W (24) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(6) WESTPHAL-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in WESTPHAL-2-F160W (24) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

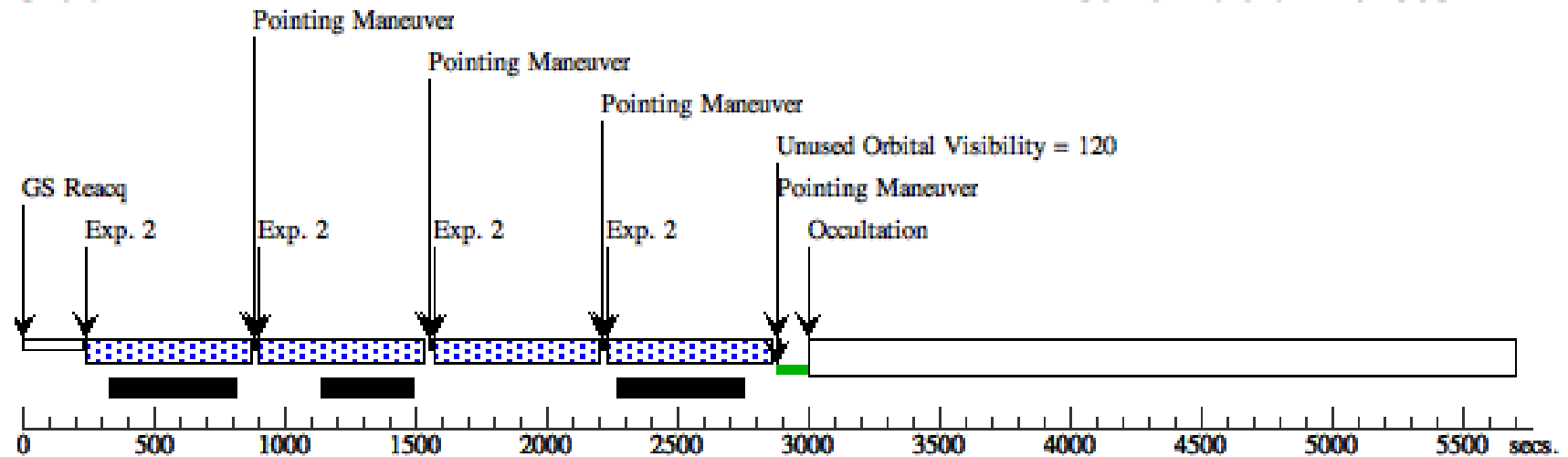
Orbit 1

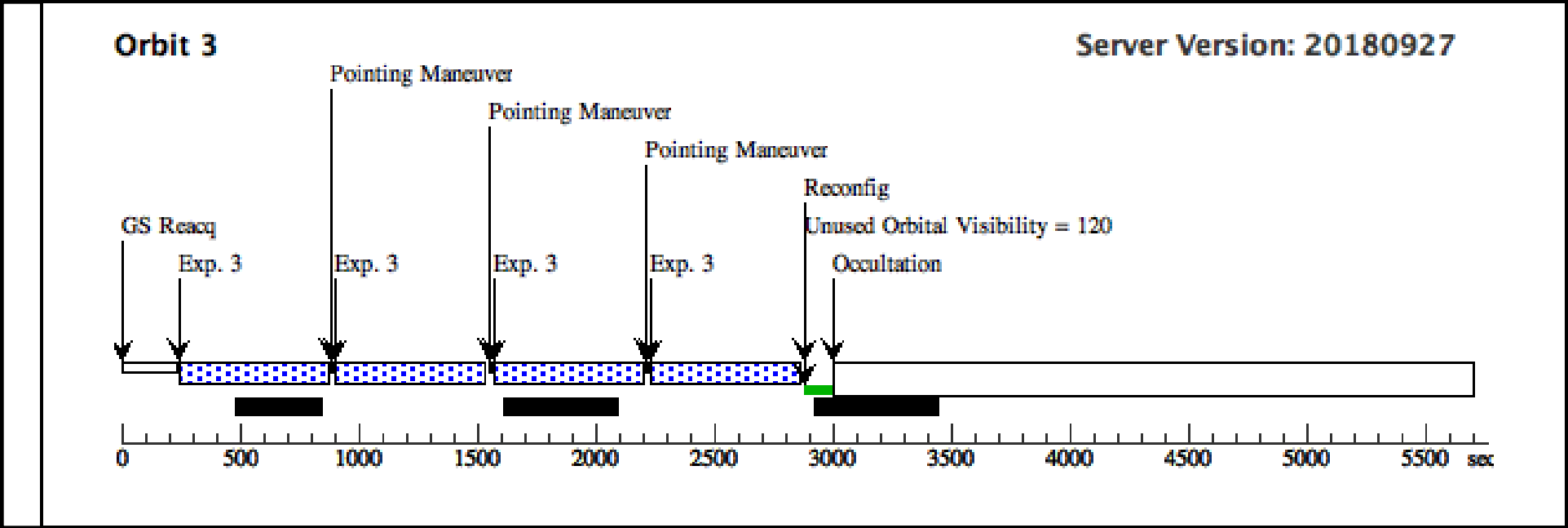
Server Version: 20180927



Orbit 2

Server Version: 20180927



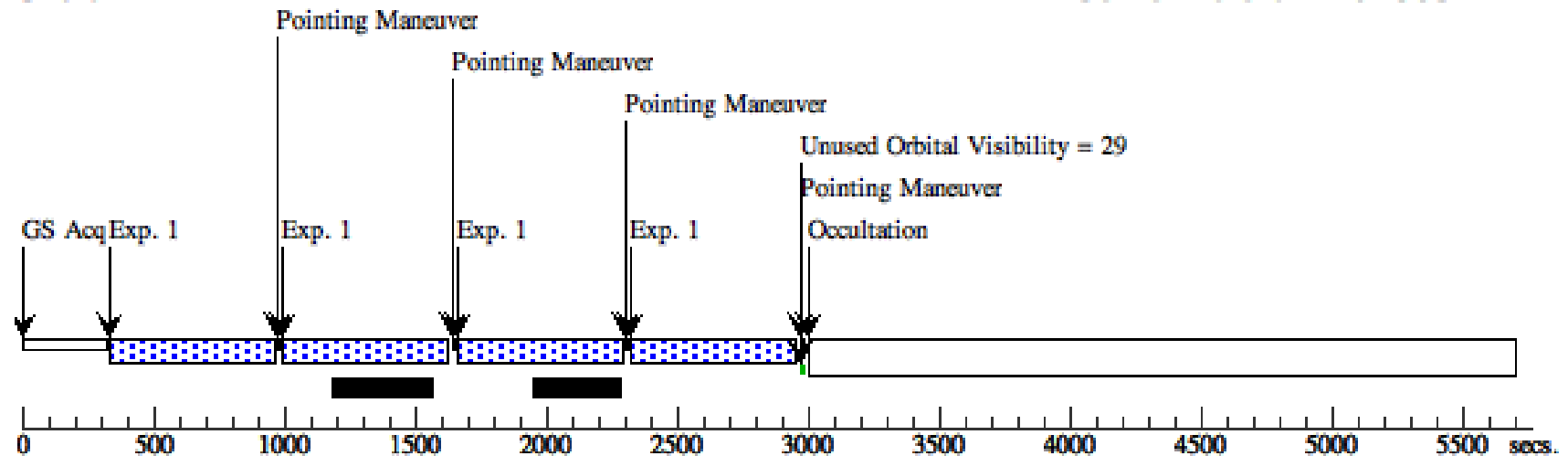


Proposal 15287 - WESTPHAL-2-F125W (25) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, WESTPHAL-2-F125W (25), completed					Tue Nov 06 21:01:06 GMT 2018						
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR											
	Special Requirements: SCHED 100%; SAME ORIENT AS 24											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(6)	WESTPHAL-2-IR	RA: 14 18 24.3017 (214.6012571d) Dec: +52 30 2.61 (52.50073d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(6) WESTPHAL-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in WESTPHAL-2-F125W (25) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(6) WESTPHAL-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in WESTPHAL-2-F125W (25) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(6) WESTPHAL-2-IR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in WESTPHAL-2-F125W (25) (3)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

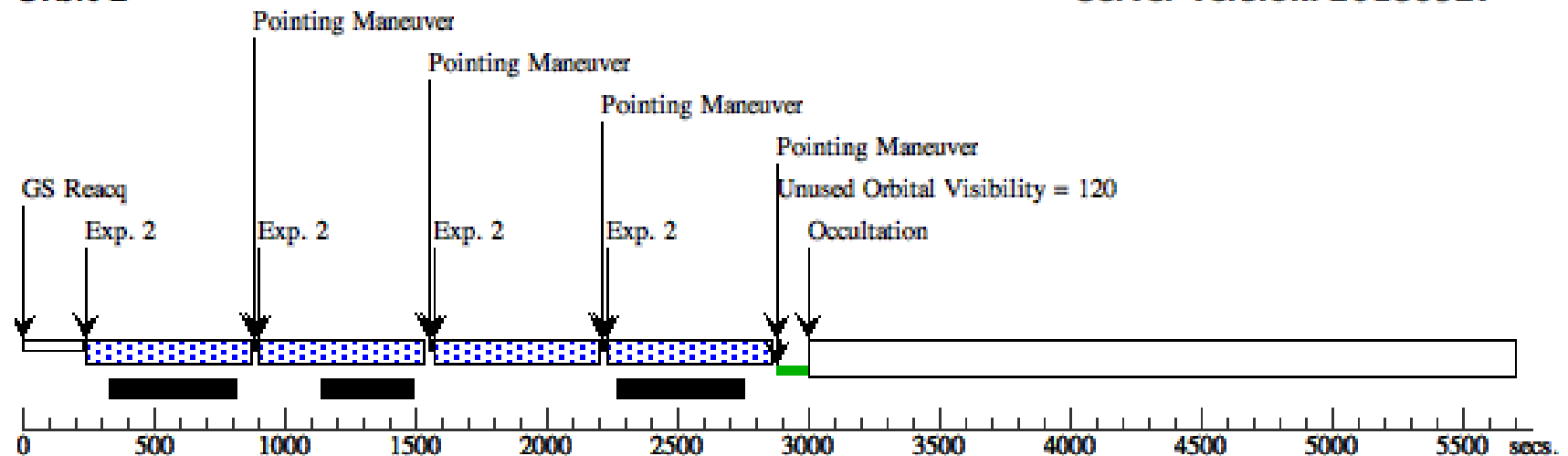
Orbit 1

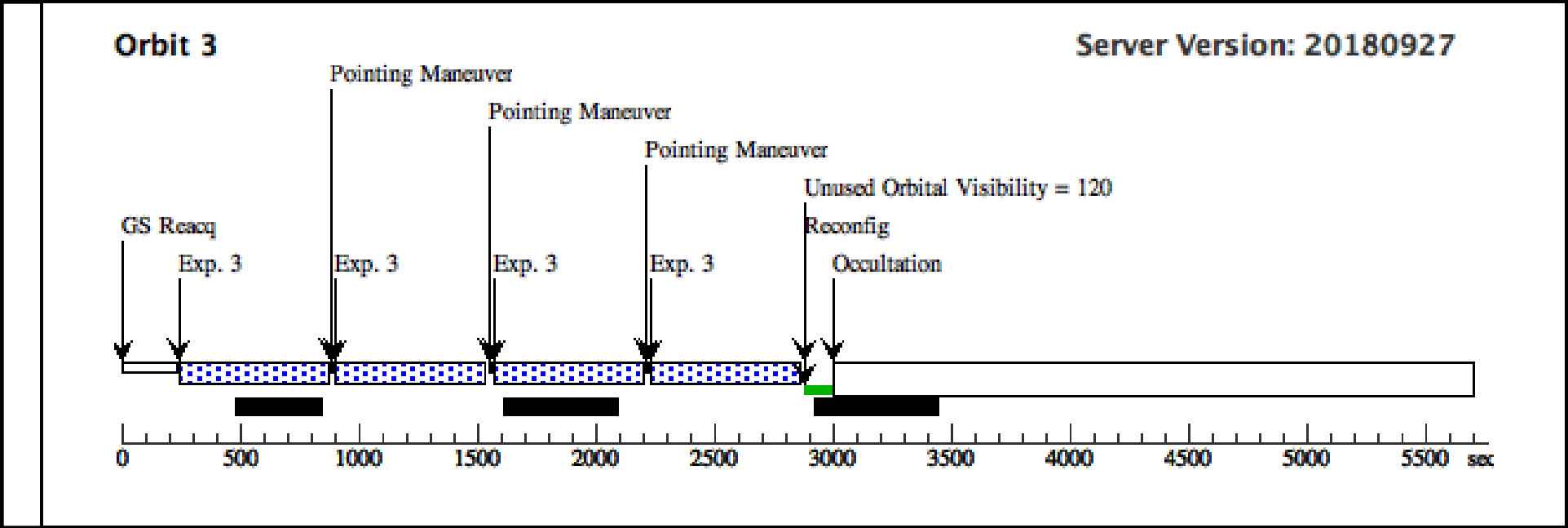
Server Version: 20180927



Orbit 2

Server Version: 20180927



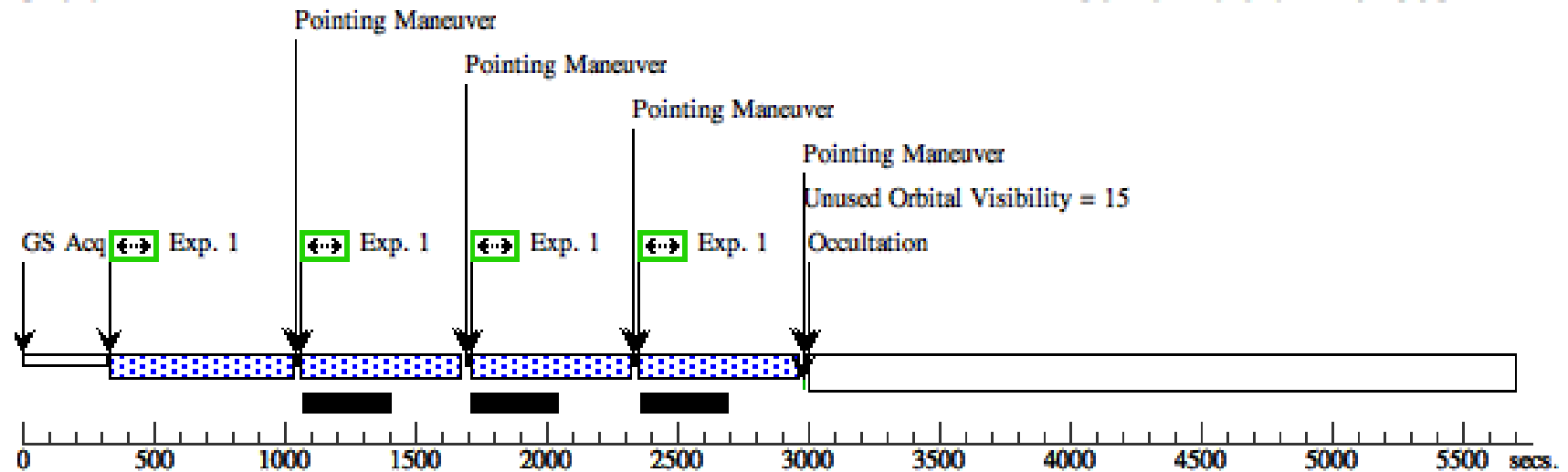


Proposal 15287 - WESTPHAL-1-2-F606W (26) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, WESTPHAL-1-2-F606W (26), completed										Tue Nov 06 21:01:06 GMT 2018		
	Diagnostic Status: Warning												
	Scientific Instruments: ACS/WFC												
	Special Requirements: SCHED 100%; ORIENT 0D TO 95 D; ORIENT 104D TO 111 D; ORIENT 120D TO 273 D; ORIENT 281D TO 294 D; ORIENT 302D TO 359 D												
Diagnostics	(WESTPHAL-1-2-F606W (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(WESTPHAL-1-2-F606W (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=18.39 Purpose=DITHER Angle Between Sides=68.14 Number Of Points=4 Center Pattern=false Point Spacing=0.262 Line Spacing=0.192										(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(7)	WESTPHAL-1-2-ACS		RA: 14 18 21.3972 (214.5891550d) Dec: +52 28 24.59 (52.47350d) Equinox: J2000					V=24.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(7) WESTPHAL-1-2-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO		Pattern 2, Exps 1-1 i n WESTPHAL-1-2-F606W (26) (2)	490 Secs (1960 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	
	2		(7) WESTPHAL-1-2-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG 0.3,0	Pattern 2, Exps 2-2 i n WESTPHAL-1-2-F606W (26) (2)	538 Secs (2152 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]	
	3		(7) WESTPHAL-1-2-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG -0.3,0	Pattern 2, Exps 3-3 i n WESTPHAL-1-2-F606W (26) (2)	538 Secs (2152 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]	

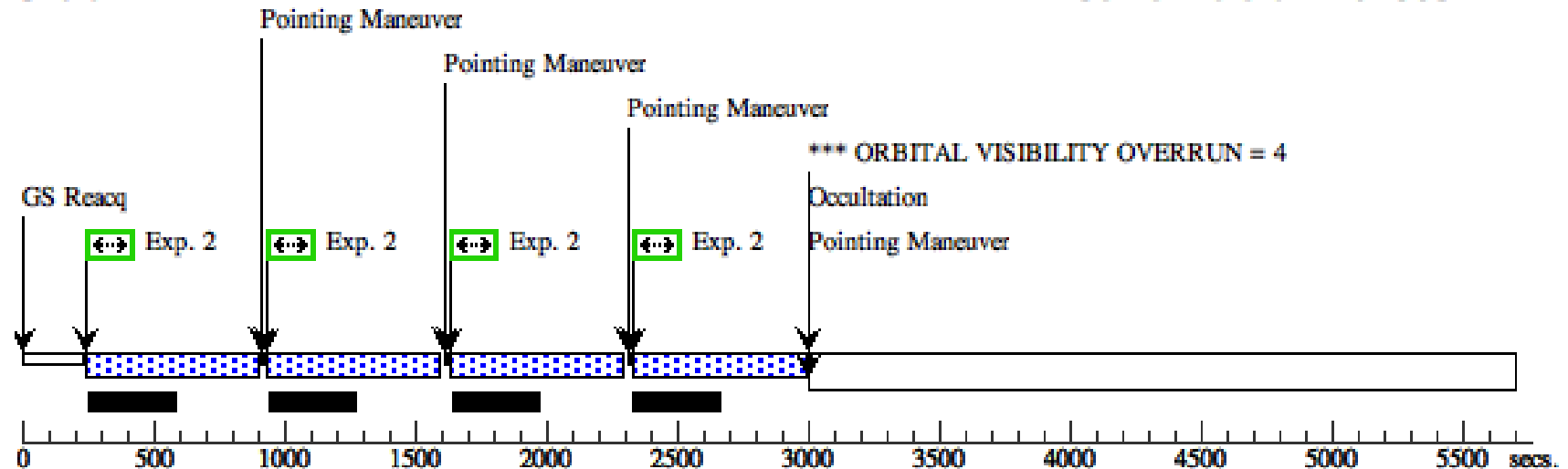
Orbit 1

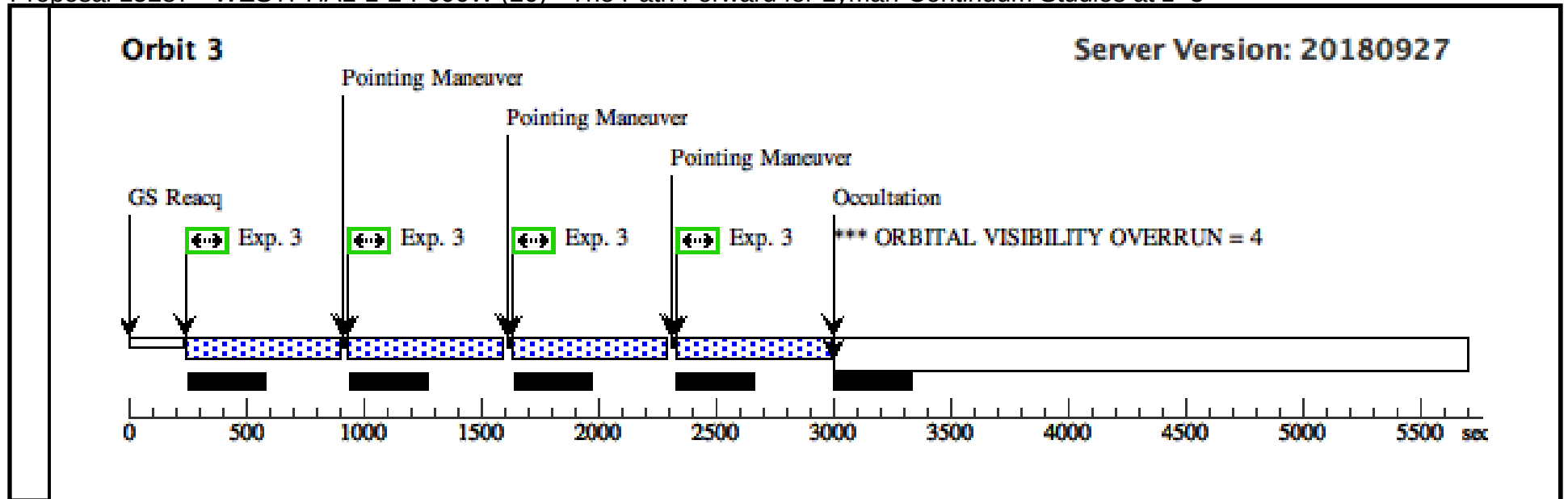
Server Version: 20180927



Orbit 2

Server Version: 20180927



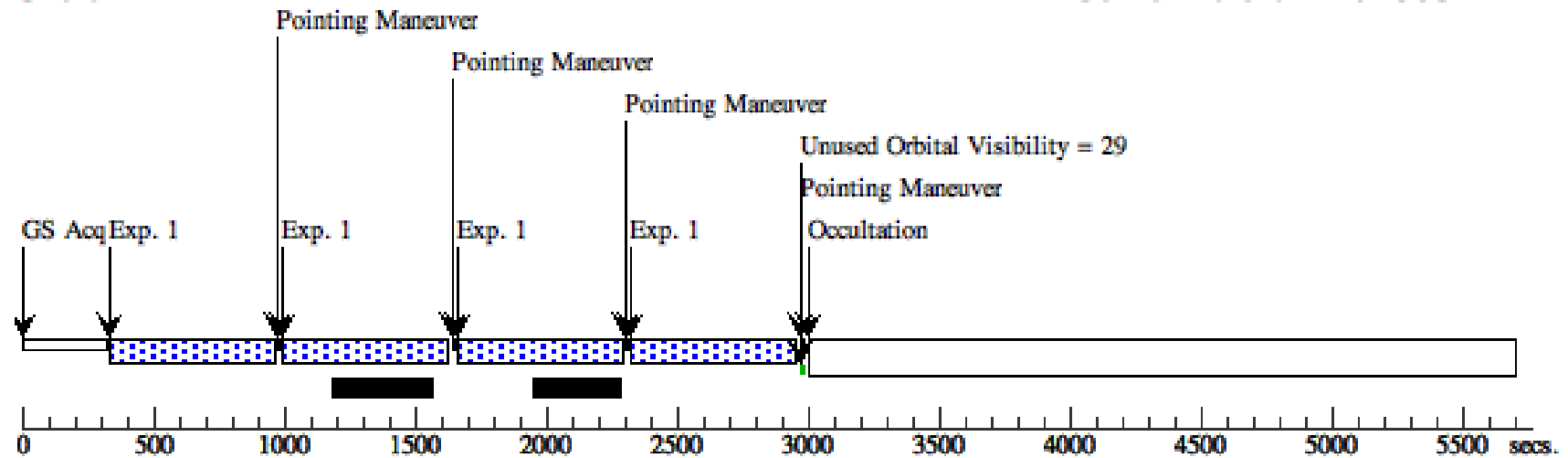


Proposal 15287 - WESTPHAL-3-F160W (27) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, WESTPHAL-3-F160W (27), completed					Tue Nov 06 21:01:07 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: SCHED 100%; GROUP 27,28,29 WITHIN 60D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(8)	WESTPHAL-3-IR	RA: 14 18 2.4124 (214.5100517d) Dec: +52 29 45.57 (52.49599d) Equinox: J2000				V=24.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) WESTPHAL-3-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 3, Exps 1-1 in WESTPHAL-3-F160W (27) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(8) WESTPHAL-3-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in WESTPHAL-3-F160W (27) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(8) WESTPHAL-3-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in WESTPHAL-3-F160W (27) (3)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

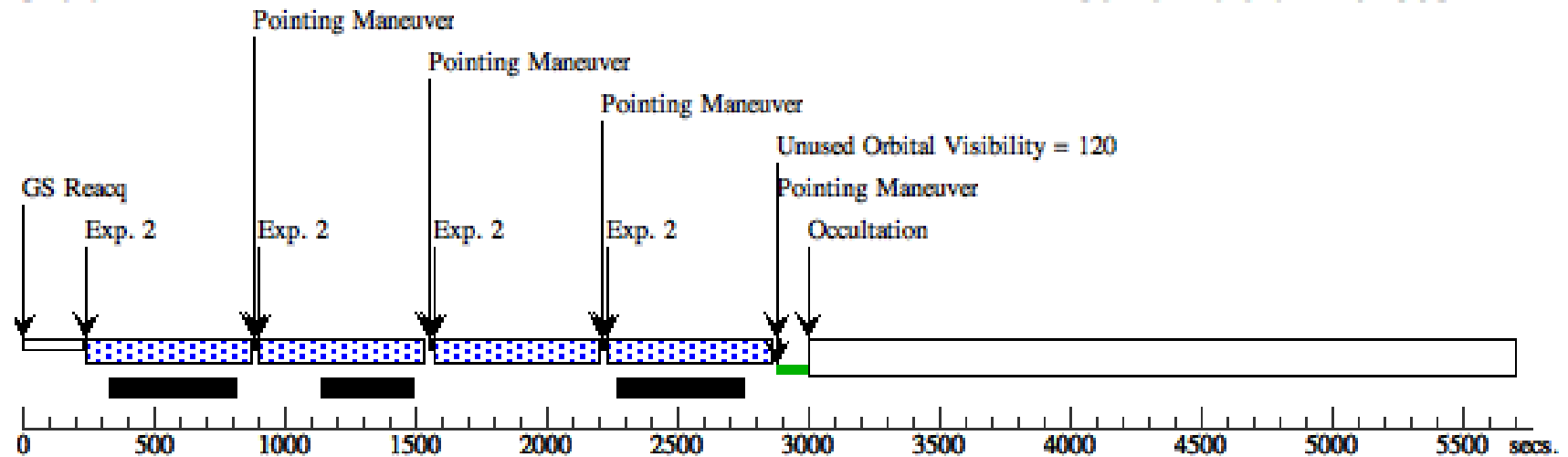
Orbit 1

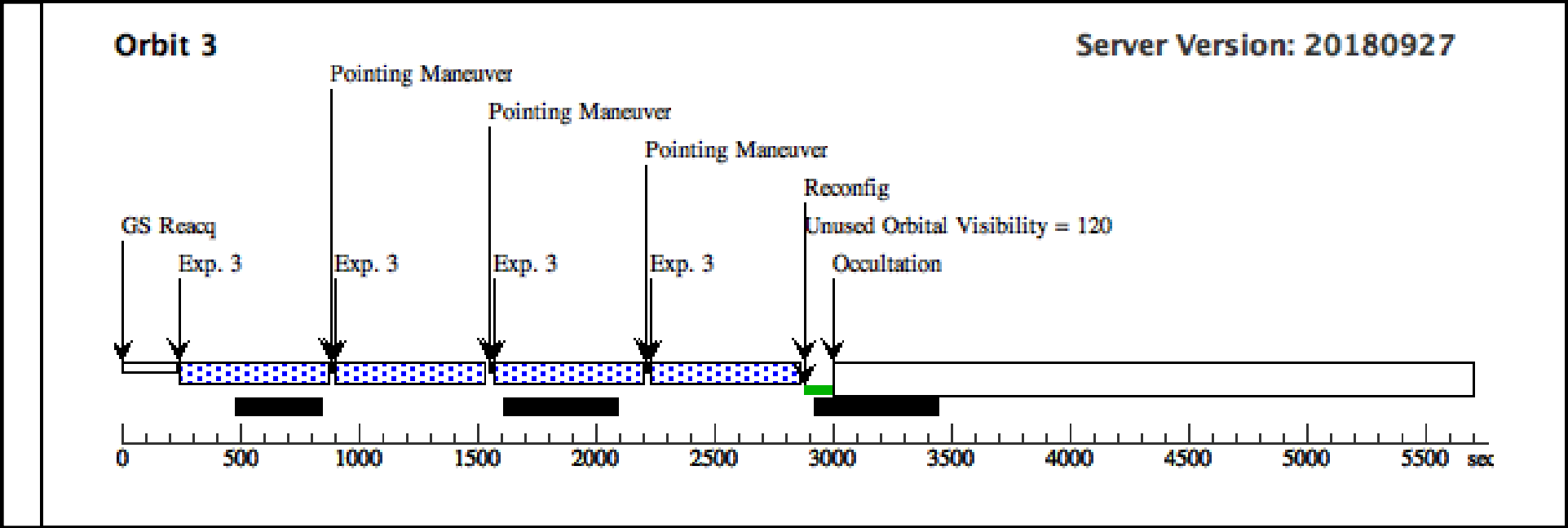
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Orbit 2

Server Version: 20180927



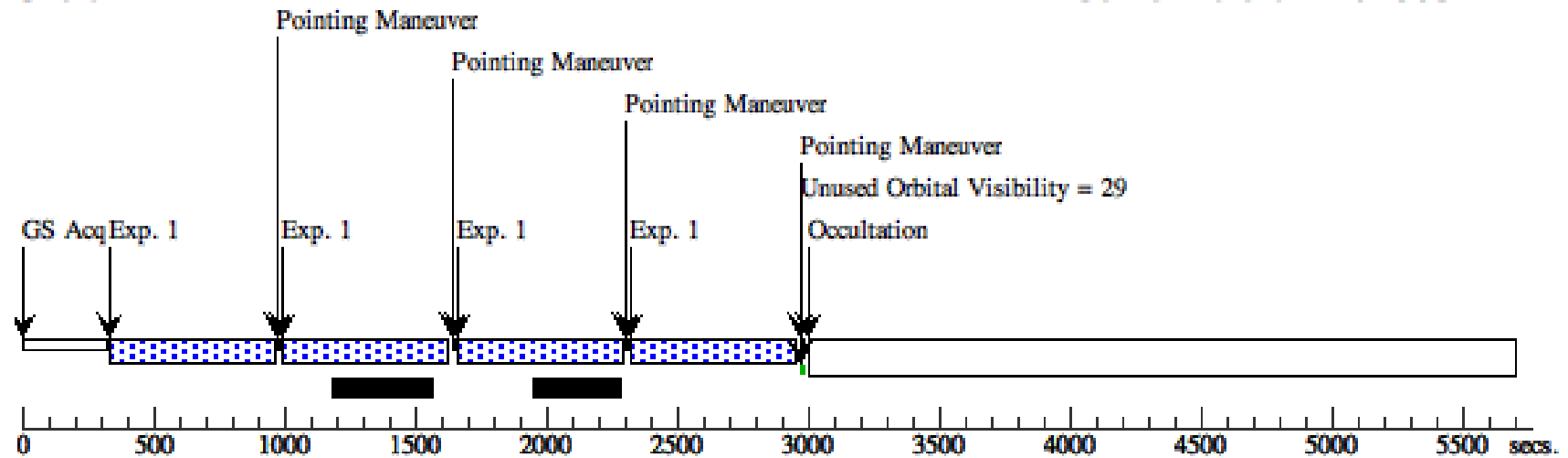


Proposal 15287 - WESTPHAL-3-F125W (28) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, WESTPHAL-3-F125W (28), completed										Tue Nov 06 21:01:07 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: SCHED 100%; SAME ORIENT AS 27												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(3)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	WESTPHAL-3-IR		RA: 14 18 2.4124 (214.5100517d) Dec: +52 29 45.57 (52.49599d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.		Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) WESTPHAL-3-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 3, Exps 1-1 in WESTPHAL-3-F125W (28) (3)	602.937703 Secs (2411.751 Secs)		
											[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(8) WESTPHAL-3-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50		POS TARG 0.424,0.424	Pattern 3, Exps 2-2 in WESTPHAL-3-F125W (28) (3)	602.937703 Secs (2411.751 Secs)		
											[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]
	3		(8) WESTPHAL-3-IR	WFC3/IR, MULTIACCUM, IR-FIX		F125W	NSAMP=13; SAMP-SEQ=SPAR S50		POS TARG -0.424,0.424	Pattern 3, Exps 3-3 in WESTPHAL-3-F125W (28) (3)	602.937703 Secs (2411.751 Secs)		
											[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[3]

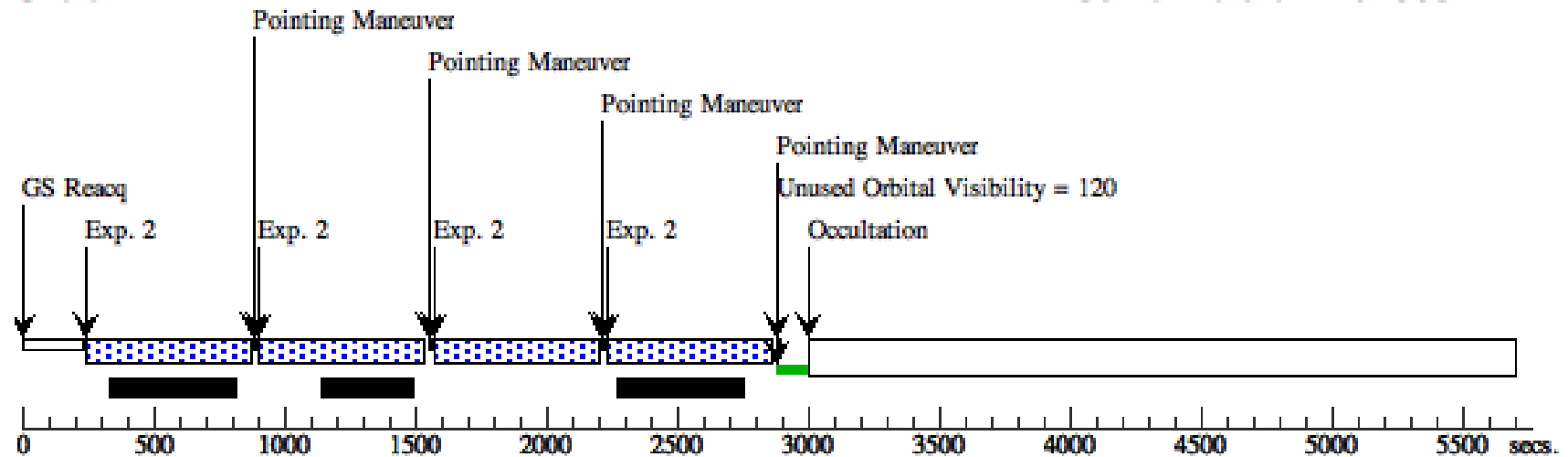
Orbit 1

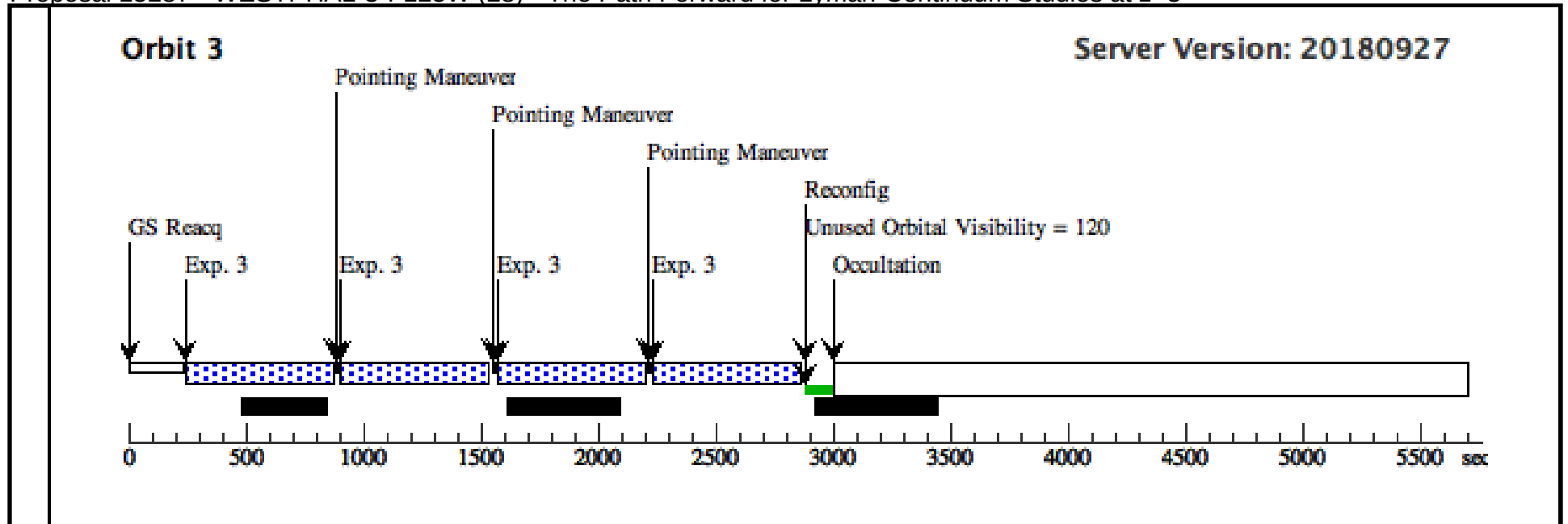
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Orbit 2

Server Version: 20180927



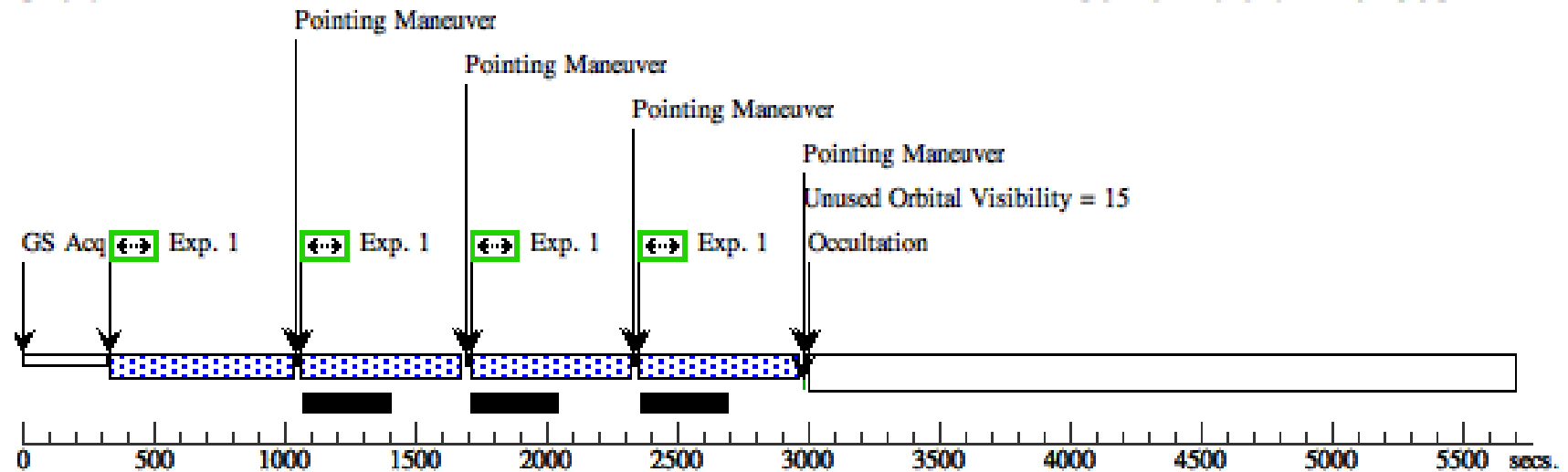


Proposal 15287 - WESTPHAL-3-F606W (29) - The Path Forward for Lyman-Continuum Studies at z~3

Visit	Proposal 15287, WESTPHAL-3-F606W (29), completed										Tue Nov 06 21:01:07 GMT 2018		
	Diagnostic Status: Warning												
	Scientific Instruments: ACS/WFC												
	Special Requirements: SCHED 100%; ORIENT 42D TO 90 D; ORIENT 137D TO 176 D; ORIENT 221D TO 270 D; ORIENT 317D TO 358 D												
Diagnostics	(WESTPHAL-3-F606W (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(WESTPHAL-3-F606W (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=18.39 Purpose=DITHER Angle Between Sides=68.14 Number Of Points=4 Center Pattern=false Point Spacing=0.262 Line Spacing=0.192										(1), (2), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	WESTPHAL-3-ACS		RA: 14 17 57.3869 (214.4891121d) Dec: +52 29 48.42 (52.49678d) Equinox: J2000				V=24.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[HIGH REDSHIFT GALAXY]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(9) WESTPHAL-3-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO		Pattern 2, Exps 1-1 i n WESTPHAL-3-F606W (29) (2)	490 Secs (1960 Secs)			
										[==>(Pattern 1)]		[1]	
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
										[==>(Pattern 4)]			
	2		(9) WESTPHAL-3-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG 0.3,0	Pattern 2, Exps 2-2 i n WESTPHAL-3-F606W (29) (2)	538 Secs (2152 Secs)			
										[==>(Pattern 1)]		[2]	
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
										[==>(Pattern 4)]			
	3		(9) WESTPHAL-3-ACS	ACS/WFC, ACCUM, WFCENTER		F606W	CR-SPLIT=NO	POS TARG -0.3,0	Pattern 2, Exps 3-3 i n WESTPHAL-3-F606W (29) (2)	538 Secs (2152 Secs)			
										[==>(Pattern 1)]		[3]	
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
									[==>(Pattern 4)]				

Orbit 1

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Orbit 2

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