



14237 - r-process kilonova emission accompanying short-duration GRBs

Cycle: 23, 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>
G1	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:10.0	yes
G2	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:11.0	yes
G3	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:12.0	yes
G4	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:13.0	yes
I1	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:14.0	yes

Proposal 14237 (STScI Edit Number: 0, Created: Wednesday, November 9, 2016 10:54:51 AM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
I2	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:16.0	yes
I3	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:17.0	yes
I4	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:17.0	yes
I5	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:18.0	yes
I6	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:19.0	yes
I7	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:20.0	yes
I8	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:21.0	yes
I9	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:21.0	yes
IA	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:22.0	yes
IB	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:22.0	yes
IC	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:23.0	yes
O1	(1) SGRB1	WFC3/UVIS	1	09-Nov-2016 10:54:24.0	yes
O2	(1) SGRB1	WFC3/UVIS	1	09-Nov-2016 10:54:24.0	yes
O3	(1) SGRB1	WFC3/UVIS	1	09-Nov-2016 10:54:25.0	yes
O4	(1) SGRB1	WFC3/UVIS	1	09-Nov-2016 10:54:25.0	yes
H1	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:26.0	yes
H2	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:27.0	yes
H3	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:28.0	yes
H4	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:29.0	yes
J1	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:30.0	yes
J2	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:31.0	yes
J3	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:32.0	yes
J4	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:33.0	yes
J5	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:34.0	yes
J6	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:35.0	yes

Proposal 14237 (STScI Edit Number: 0, Created: Wednesday, November 9, 2016 10:54:51 AM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
J7	(1) SGRB1	WFC3/IR	2	09-Nov-2016 10:54:35.0	yes
J8	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:36.0	yes
J9	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:37.0	yes
JA	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:37.0	yes
JB	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:38.0	yes
JC	(1) SGRB1	WFC3/IR	1	09-Nov-2016 10:54:38.0	yes
P1	(1) SGRB1	WFC3/UVIS	1	09-Nov-2016 10:54:39.0	yes
P2	(1) SGRB1	WFC3/UVIS	1	09-Nov-2016 10:54:39.0	yes
P3	(1) SGRB1	WFC3/UVIS	1	09-Nov-2016 10:54:40.0	yes
P4	(1) SGRB1	WFC3/UVIS	1	09-Nov-2016 10:54:40.0	yes
C1	(1) SGRB1	WFC3/IR WFC3/UVIS	2	09-Nov-2016 10:54:41.0	yes
D1	(1) SGRB1	WFC3/IR WFC3/UVIS	2	09-Nov-2016 10:54:43.0	yes
X1	(2) GRB160821B	WFC3/UVIS	1	09-Nov-2016 10:54:43.0	yes
X2	(2) GRB160821B	WFC3/IR	1	09-Nov-2016 10:54:44.0	yes
X3	(2) GRB160821B	WFC3/IR	1	09-Nov-2016 10:54:44.0	yes
X4	(2) GRB160821B	WFC3/UVIS	1	09-Nov-2016 10:54:45.0	yes
X5	(2) GRB160821B	WFC3/IR	1	09-Nov-2016 10:54:46.0	yes
X6	(2) GRB160821B	WFC3/IR	1	09-Nov-2016 10:54:46.0	yes
X7	(2) GRB160821B	WFC3/IR	1	09-Nov-2016 10:54:47.0	yes
X8	(2) GRB160821B	WFC3/IR WFC3/UVIS	2	09-Nov-2016 10:54:48.0	yes
X9	(2) GRB160821B	WFC3/IR	2	09-Nov-2016 10:54:49.0	yes
XA	(2) GRB160821B	WFC3/UVIS	1	09-Nov-2016 10:54:50.0	yes

70 Total Orbits Used

ABSTRACT

Our HST observations of the short-duration gamma-ray burst GRB130603B showed an infrared excess, about ten days after the burst, consistent with expectations from models of an emerging 'kilonova' driven by the radioactive decay of newly-synthesised r-process elements. This directly supports the compact object merger hypothesis for short-duration GRBs, in which dynamically ejected neutron star material powers a radioactive transient. If confirmed in future events, this discovery also provides empirical evidence for a new, quasi-isotropic, electromagnetic signature of the most promising class of gravitational wave (GW) sources for detection with the next generation of detectors, and suggests that kilonovae of this sort are likely sites of substantial (perhaps dominant) production of r-process elements in the universe. However, the ubiquity and range of behaviour of these events is entirely unknown. We need to establish their properties to inform searches of GW error boxes and quantify their contribution to the heavy element nucleosynthesis budget. Here we propose ToO observations of a low-redshift ($z \sim 0.35$) SGRB localised during cycle 23 to search for and characterise more fully any similar accompanying kilonova signal.

OBSERVING DESCRIPTION

The aim of this proposal is to search for and characterise the nature of r-process kilonova in the afterglows of short duration GRBs. To do this we wish to search for IR re-brightenings indicative of heavily absorbed r-process production. Such a search requires that the source reddens and then rebrightens in the IR.

Since these objects remain poorly studied (only a single example with little coverage) we have specified a range of observations. The choice of which observation to trigger will be based on the redshift of the burst (in particular to distinguish observations where grism observations are possible), any knowledge of the burst location within the host galaxy, foreground extinction etc. In general we will trigger two IR and one optical observation for monitoring. We have specified two sets of observations so that observations can be repeated later for subtraction of the light.

Below we list the observations that have been specified. Please note that this is a superset of those we will actually perform, and that our total usage will not exceed 12 orbits.

Note: That in our formal phase I proposal we did ask for the filters below, although not all were included in the dummy observations at the front of phase 1.

Visit G1/H1: 1 orbit G102

Visit G2:/H2 1 orbit G141

Visit G3/H3: 2 orbit G102

Visit G4/H4: 2 orbit G141

Visit I1/J1: 1 orbit, split F105W, F140W

Visit I2/J2: 1 orbit, split F105W, F160W

Visit I3/J3: 2 orbits F105W

Visit I4/J4: 2 orbits F125W

Visit I5/J5: 2 orbits F140W

Visit I6/J6: 2 orbits F160W

Visit I7/J7: 2 orbits F110W

Visit I8/J8: 1 orbit F105W

Visit I9/J9: 1 orbit F125W

Visit IA/JA: 1 orbit F140W

Visit IB/JB: 1 orbit F160W

Visit IC/J1C: 1 orbit F110W

Visit P1: 1 orbit F475W

Visit P2: 1 orbit F606W

Visit P3: 1 orbit F814W

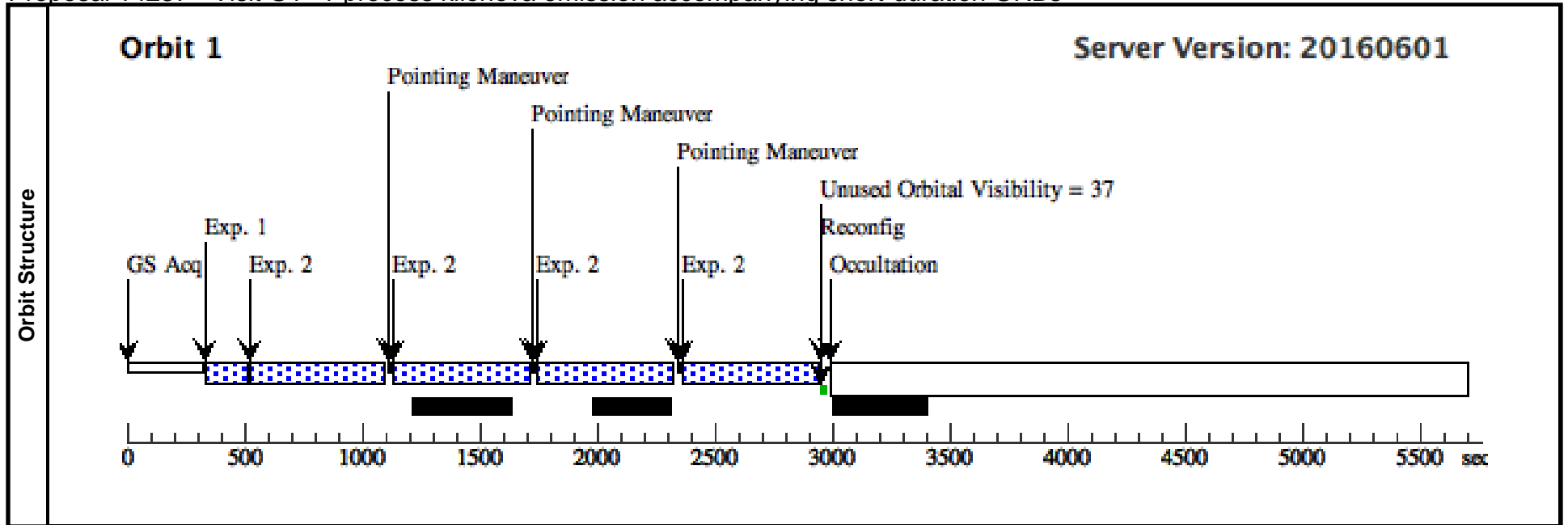
Visit P4: 1 orbit F850LP

Visit C1/D1: 2 orbits: F606W, F105W, F160W

Proposal 14237 - Visit G1 - r-process kilonova emission accompanying short-duration GRBs

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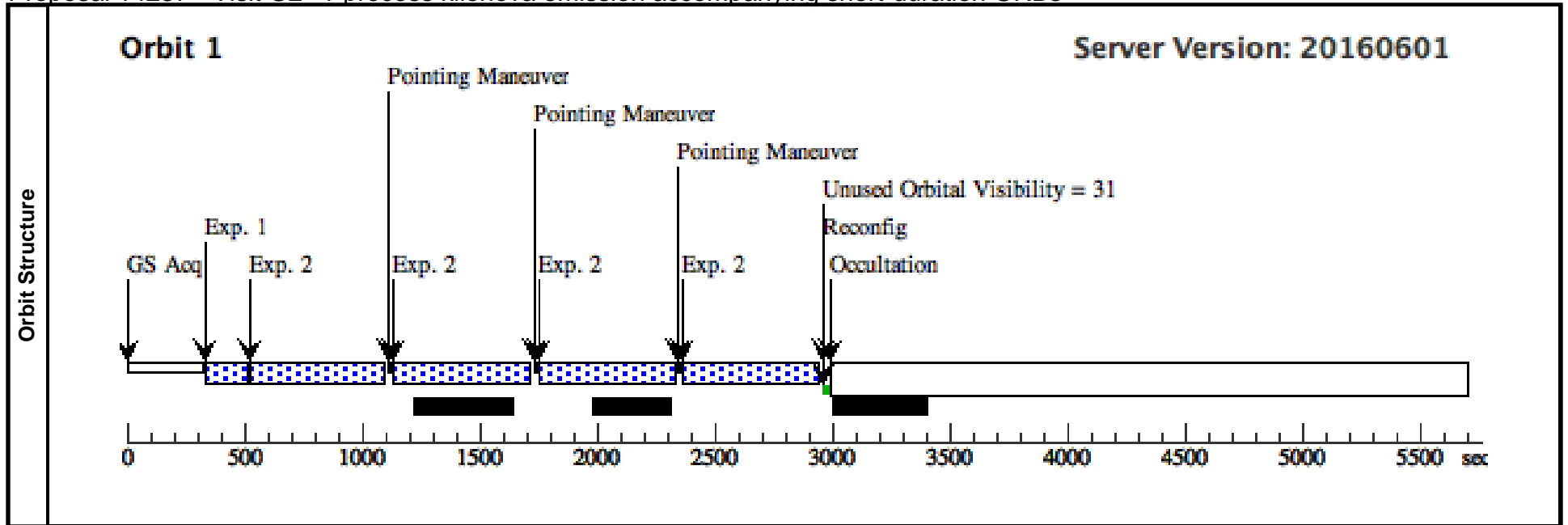
Visit	Proposal 14237, Visit G1, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN 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						(2)		
Generic Targets	#	Name	Criteria		Description						
	(1)	SGRB1	SGRB at z<0.4								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=4; SAMP-SEQ=SPAR S50			152.933644 Secs (152.934 Secs) [==>]		[1]
	2	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 1, Exps 2-2 in Visit G1 (1)	552.937252 Secs (2211.749 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 14237 - Visit G2 - r-process kilonova emission accompanying short-duration GRBs

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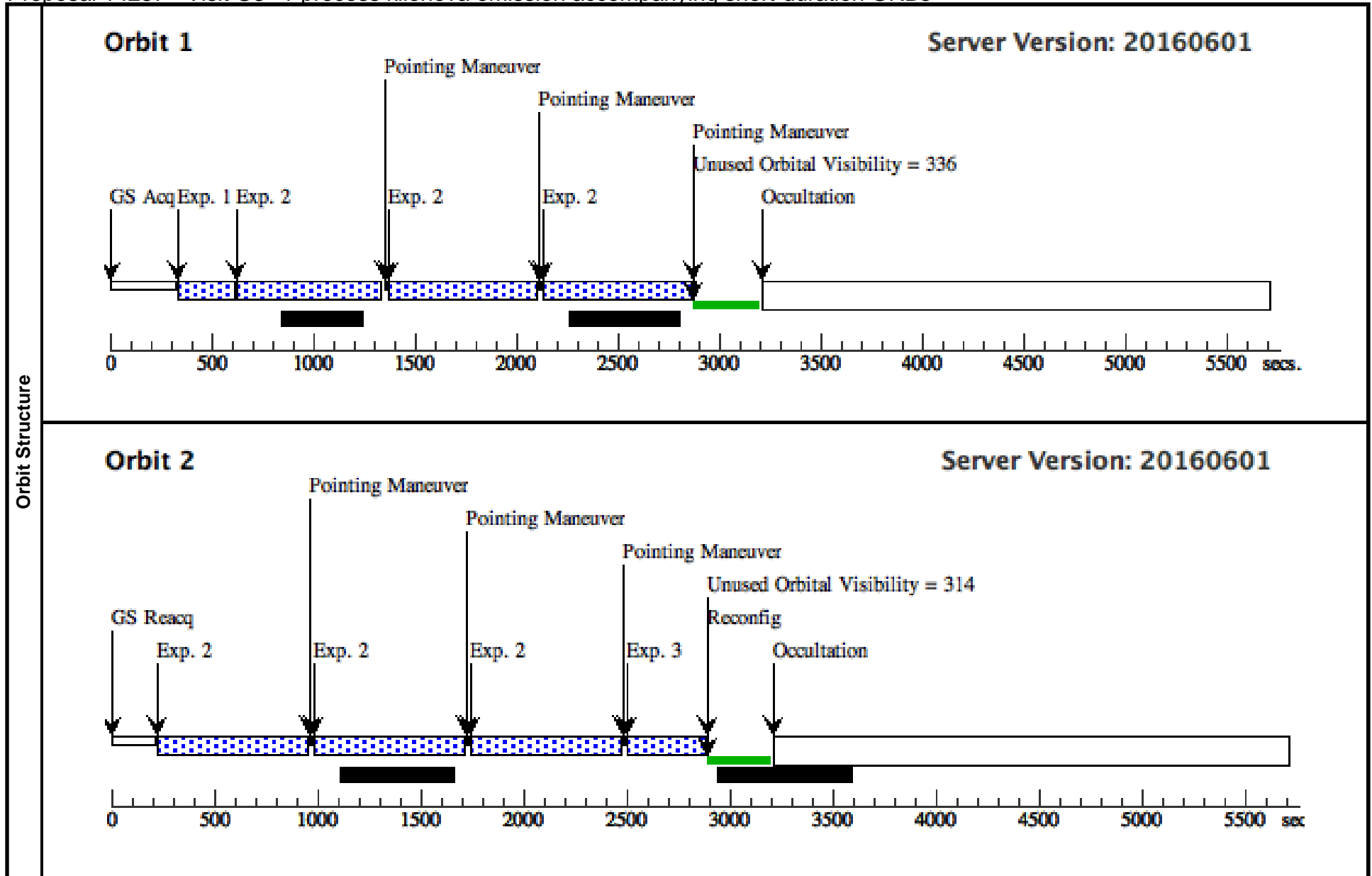
Visit	Proposal 14237, Visit G2, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN 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						(2)		
Generic Targets	#	Name	Criteria		Description						
	(1)	SGRB1	SGRB at z<0.4								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=4; SAMP-SEQ=SPAR S50			152.933644 Secs (152.934 Secs) [==>]		[1]
	2	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 1, Exps 2-2 in Visit G2 (1)	552.937252 Secs (2211.749 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 14237 - Visit G3 - r-process kilonova emission accompanying short-duration GRBs

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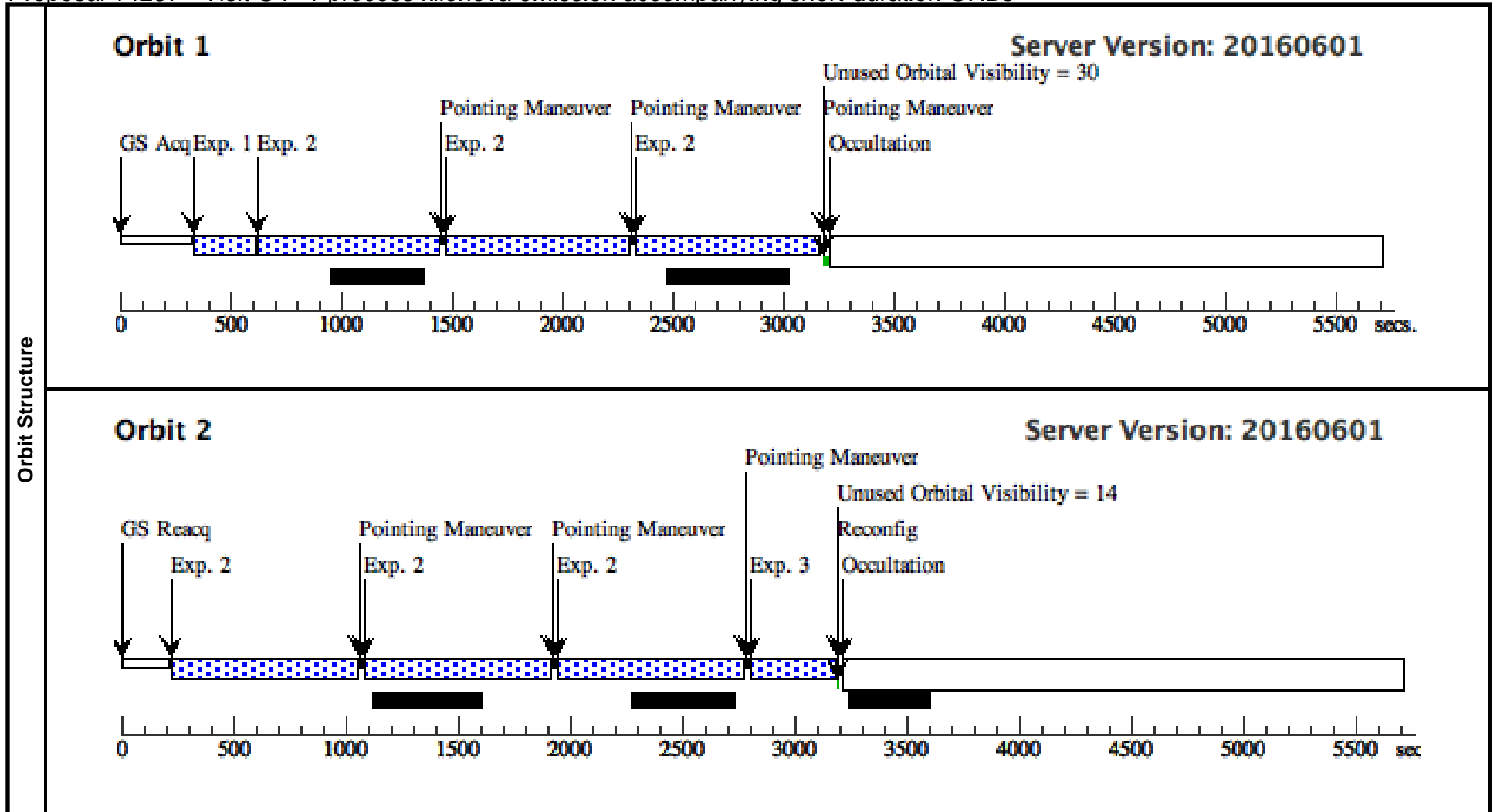
Visit	Proposal 14237, Visit G3, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false	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	(2)			
Generic Targets	#	Name	Criteria	Description						
	(1)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=10; SAMP-SEQ=STEP5 0			249.23203 Secs (249.232 Secs) [==>]	[1]
	2		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP1 00		Pattern 2, Exps 2-2 in Visit G3 (2)	699.232615 Secs (4195.396 Secs) [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)]	[1]
									[==>(Pattern 2,1)] [==>(Pattern 2,2)] [==>(Pattern 2,3)]	[2]
3		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=STEP5 0	POS TARG 0.474,0.424			349.232932 Secs (349.233 Secs) [==>]	[2]



Proposal 14237 - Visit G4 - r-process kilonova emission accompanying short-duration GRBs

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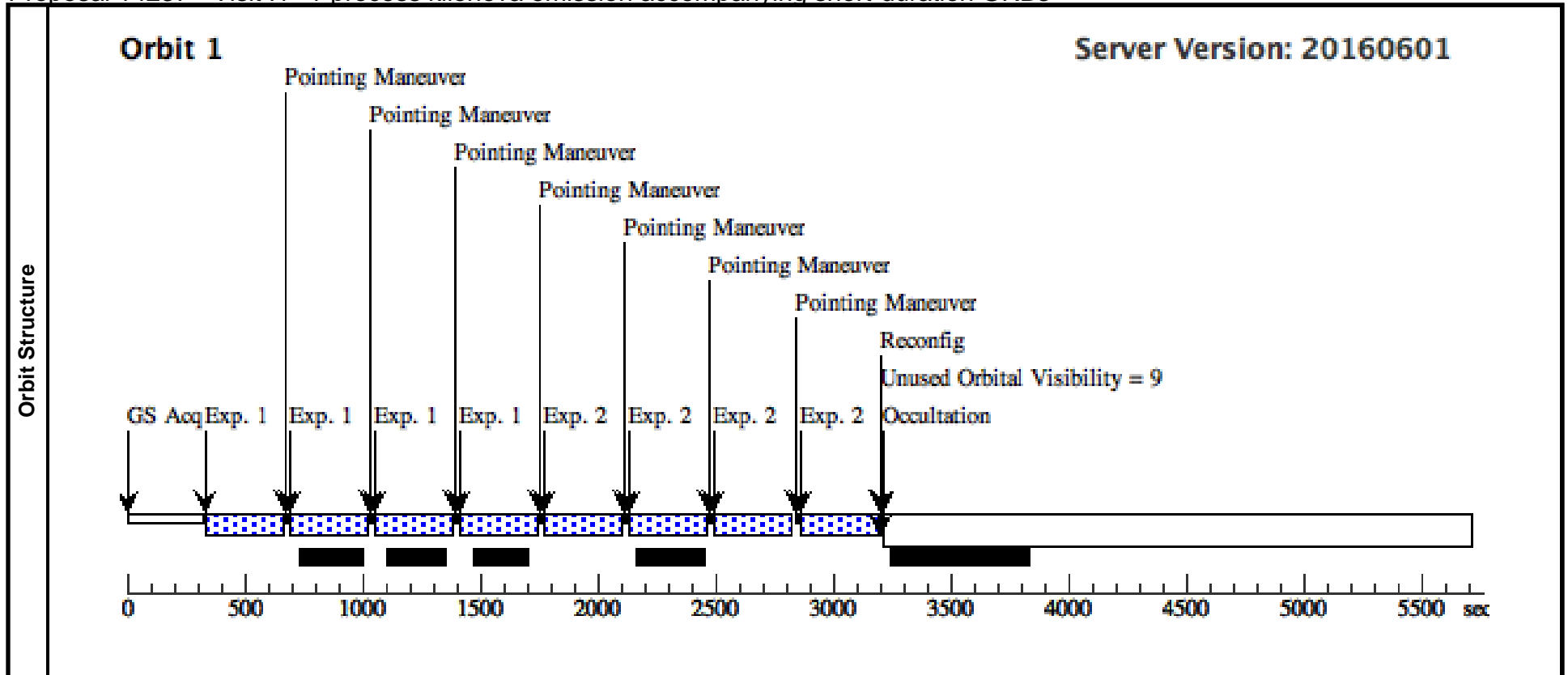
Visit	Proposal 14237, Visit G4, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false	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	(2)			
Generic Targets	#	Name	Criteria	Description						
	(1)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=10; SAMP-SEQ=STEP5 0			249.23203 Secs (249.232 Secs) [==>]	[1]
	2		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=STEP1 00		Pattern 2, Exps 2-2 in Visit G4 (2)	799.232938 Secs (4795.398 Secs) [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)]	[1]
									[==>(Pattern 2,1)] [==>(Pattern 2,2)] [==>(Pattern 2,3)]	[2]
3		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP5 0	POS TARG 0.474,0.424			349.232932 Secs (349.233 Secs) [==>]	[2]



Proposal 14237 - Visit I1 - r-process kilonova emission accompanying short-duration GRBs

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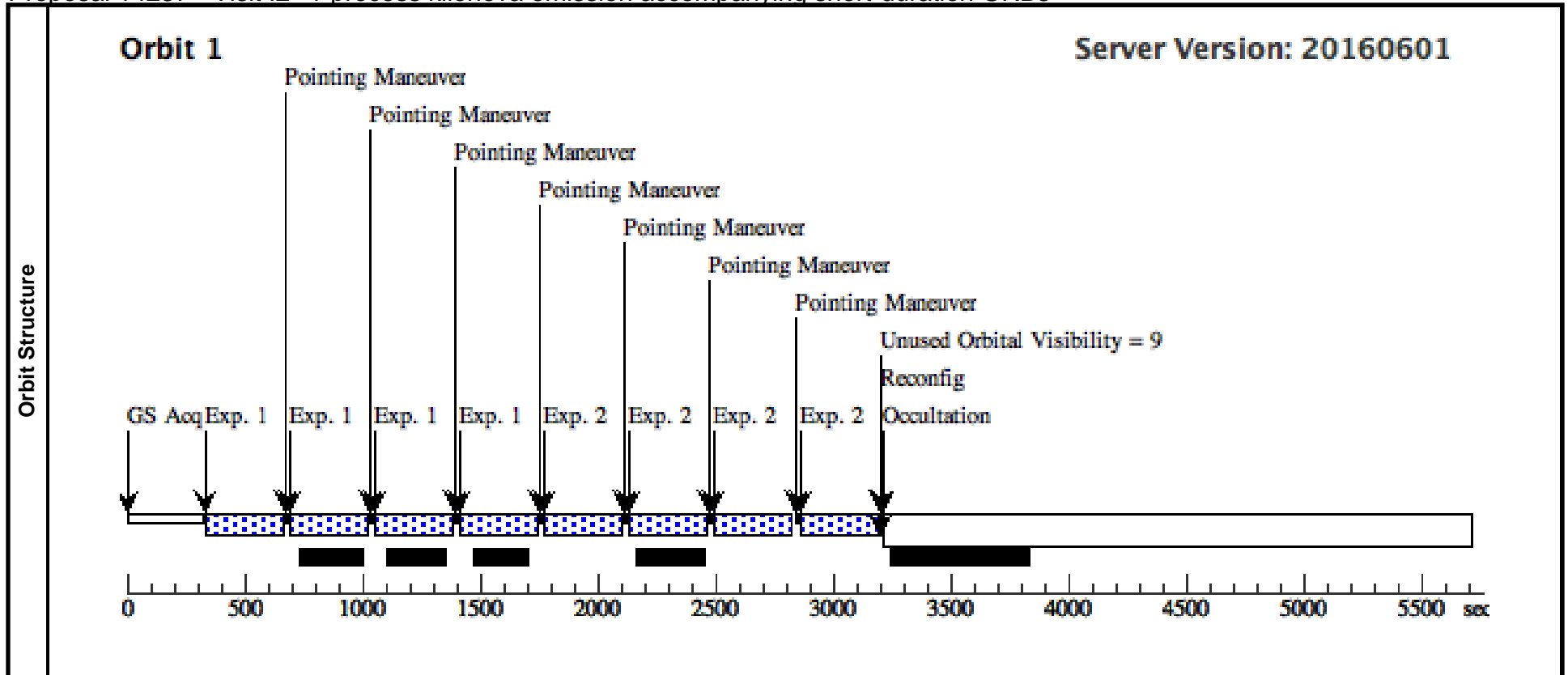
Visit	Proposal 14237, Visit II, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER 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), (2)		
Generic Targets	#	Name	Criteria		Description					
	(1)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F105W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 1, Exps 1-1 in Visit II (1)	299.231323 Secs (1196.925 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 1, Exps 2-2 in Visit II (1)	299.231323 Secs (1196.925 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14237 - Visit I2 - r-process kilonova emission accompanying short-duration GRBs

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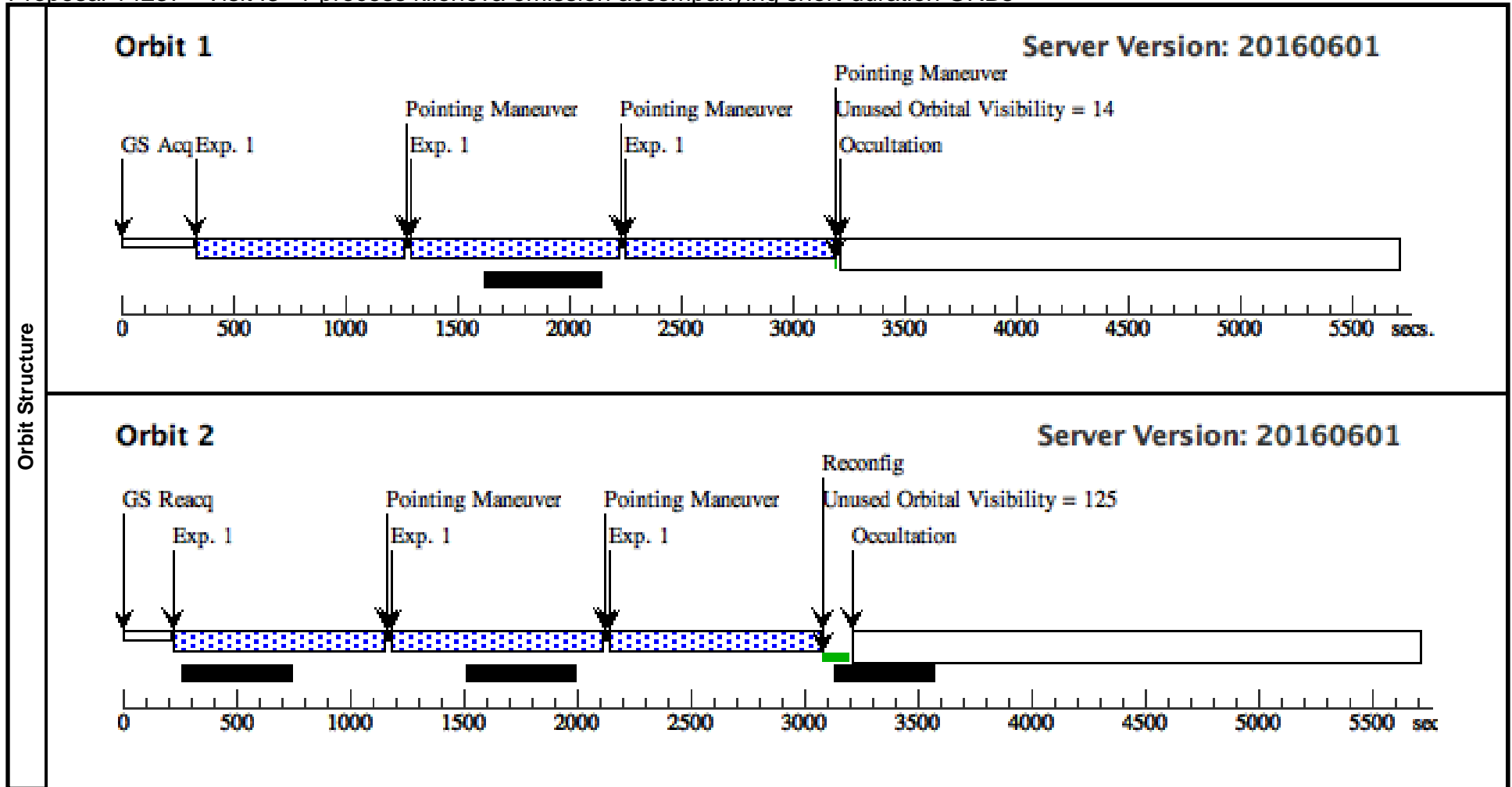
Visit	Proposal 14237, Visit I2, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER 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), (2)		
Generic Targets	#	Name	Criteria		Description						
	(1)	SGRB1	SGRB at z<0.4								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F105W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 1, Exps 1-1 in Visit I2 (1)	299.231323 Secs (1196.925 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	
2	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 1, Exps 2-2 in Visit I2 (1)	299.231323 Secs (1196.925 Secs)			
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]		



Proposal 14237 - Visit I3 - r-process kilonova emission accompanying short-duration GRBs

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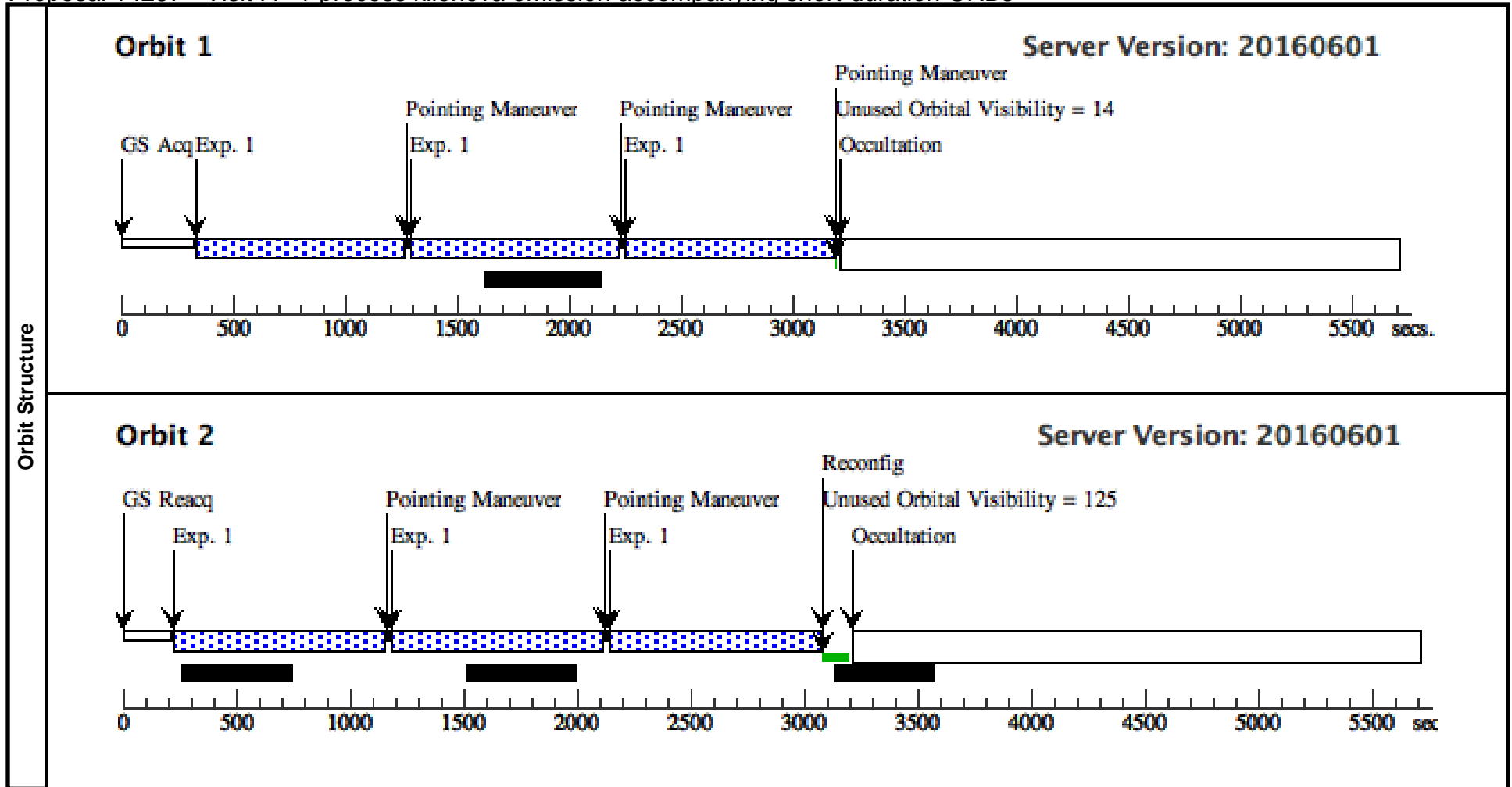
Visit	Proposal 14237, Visit I3, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(2)		Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false		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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1		WFC3/IR, MULTIACCUM, IR	F105W	SAMP-SEQ=STEP100; NSAMP=15		Pattern 2, Exps 1-1 in Visit I3 (2)	899.233261 Secs (5395.4 Secs)	
									[==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)]	[1]
									[==>(Pattern 2,1)] [==>(Pattern 2,2)] [==>(Pattern 2,3)]	[2]



Proposal 14237 - Visit I4 - r-process kilonova emission accompanying short-duration GRBs

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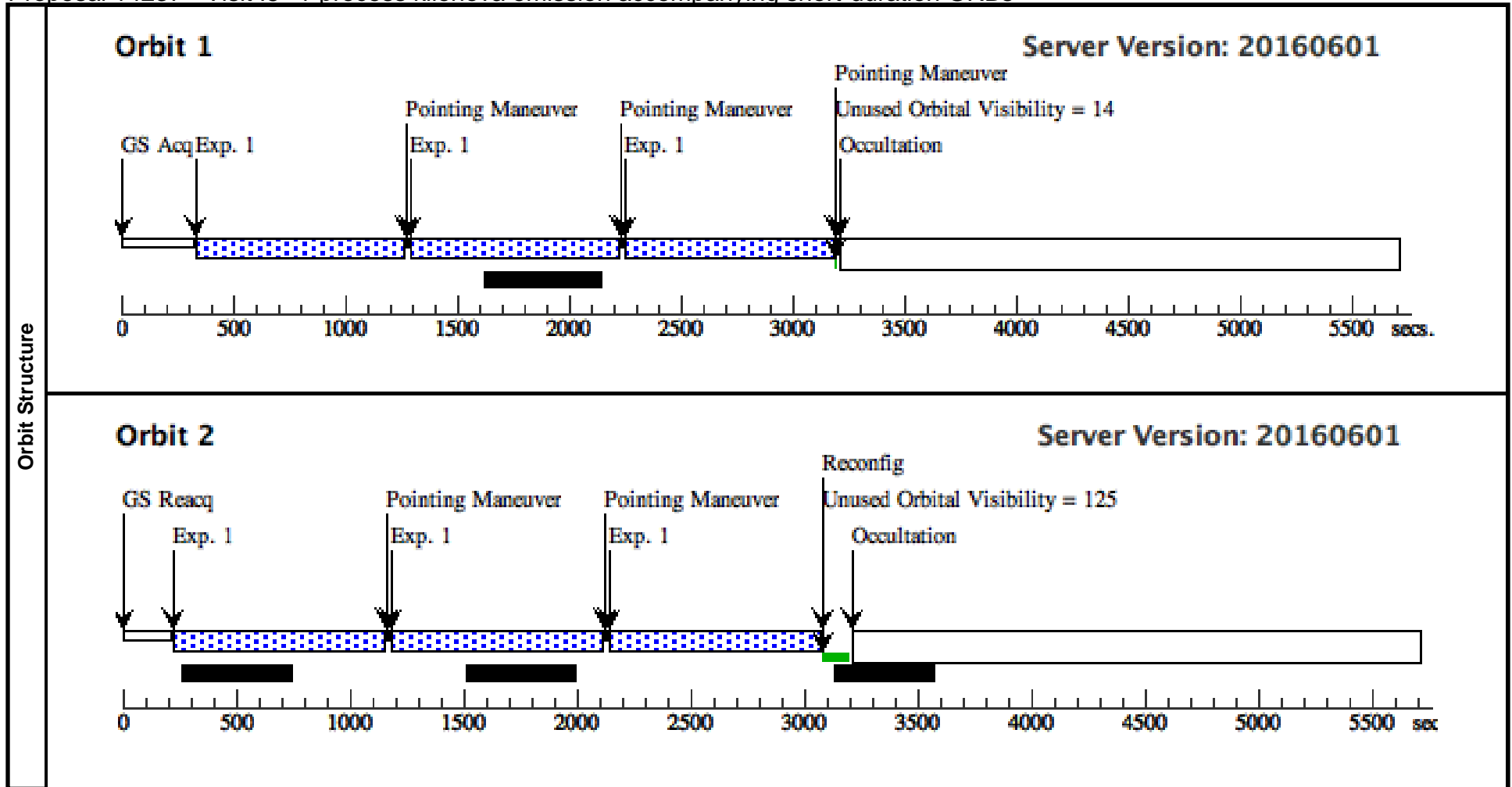
Visit	Proposal 14237, Visit I4, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(2)		Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false		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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1		WFC3/IR, MULTIACCUM, IR	F125W	SAMP-SEQ=STEP100; NSAMP=15		Pattern 2, Exps 1-1 in Visit I4 (2)	899.233261 Secs (5395.4 Secs)	
									[==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)]	[1]
									[==>(Pattern 2,1)] [==>(Pattern 2,2)] [==>(Pattern 2,3)]	[2]



Proposal 14237 - Visit I5 - r-process kilonova emission accompanying short-duration GRBs

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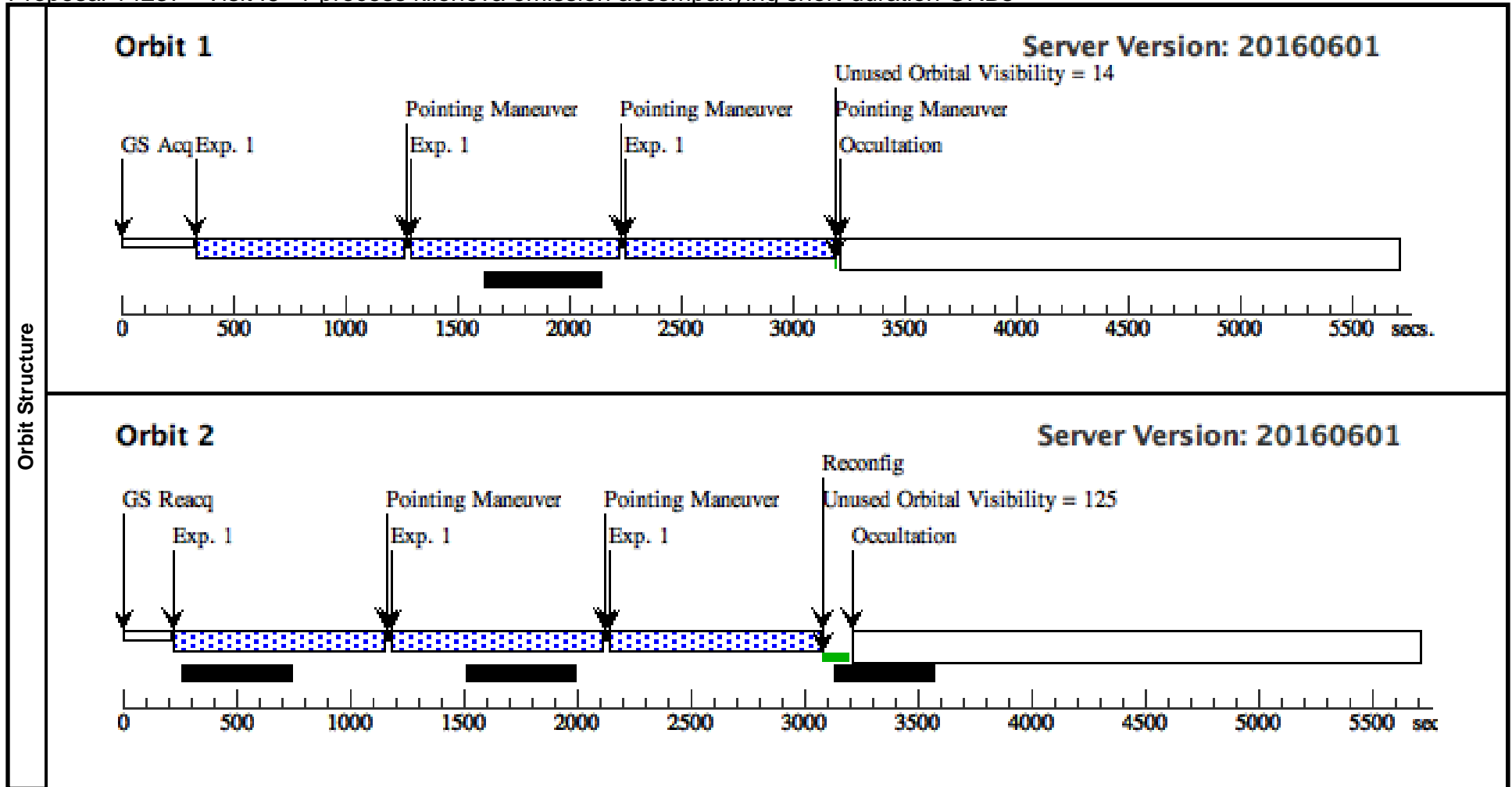
Visit	Proposal 14237, Visit I5, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(2)		Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false		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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1		WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=STEP100; NSAMP=15		Pattern 2, Exps 1-1 in Visit I5 (2)	899.233261 Secs (5395.4 Secs)	
									[==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)]	[1]
								[==>(Pattern 2,1)] [==>(Pattern 2,2)] [==>(Pattern 2,3)]		[2]



Proposal 14237 - Visit I6 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:52 GMT 2016

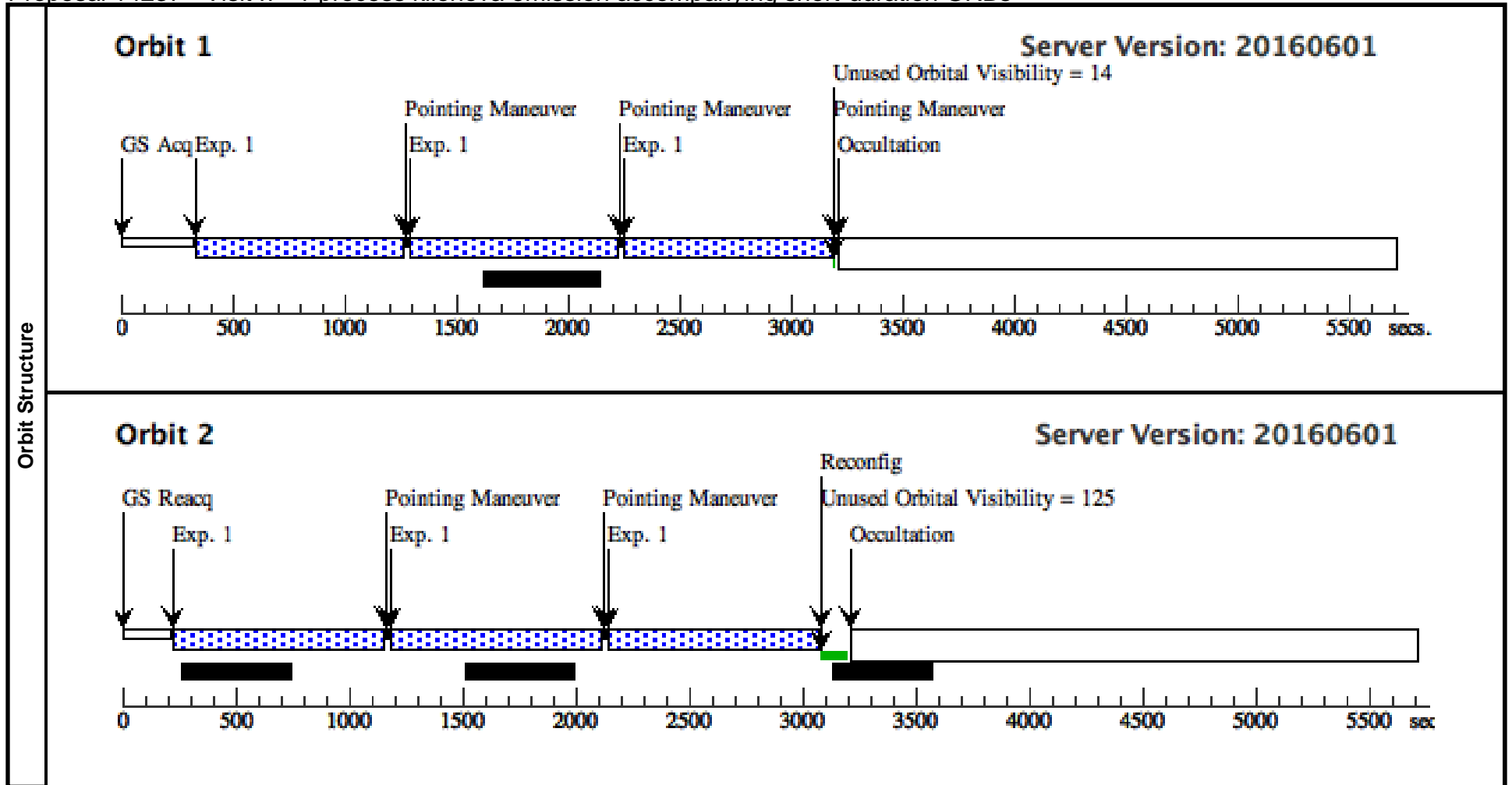
Visit	Proposal 14237, Visit I6, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(2)		Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false		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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=15		Pattern 2, Exps 1-1 in Visit I6 (2)	899.233261 Secs (5395.4 Secs)	
									[=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 1,3)]	[1]
								[=>(Pattern 2,1)] [=>(Pattern 2,2)] [=>(Pattern 2,3)]		[2]



Proposal 14237 - Visit I7 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:52 GMT 2016

Visit	Proposal 14237, Visit I7, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(2)		Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false		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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=STEP100; NSAMP=15		Pattern 2, Exps 1-1 in Visit I7 (2)	899.233261 Secs (5395.4 Secs)	
									[=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 1,3)]	[1]
								[=>(Pattern 2,1)] [=>(Pattern 2,2)] [=>(Pattern 2,3)]		[2]

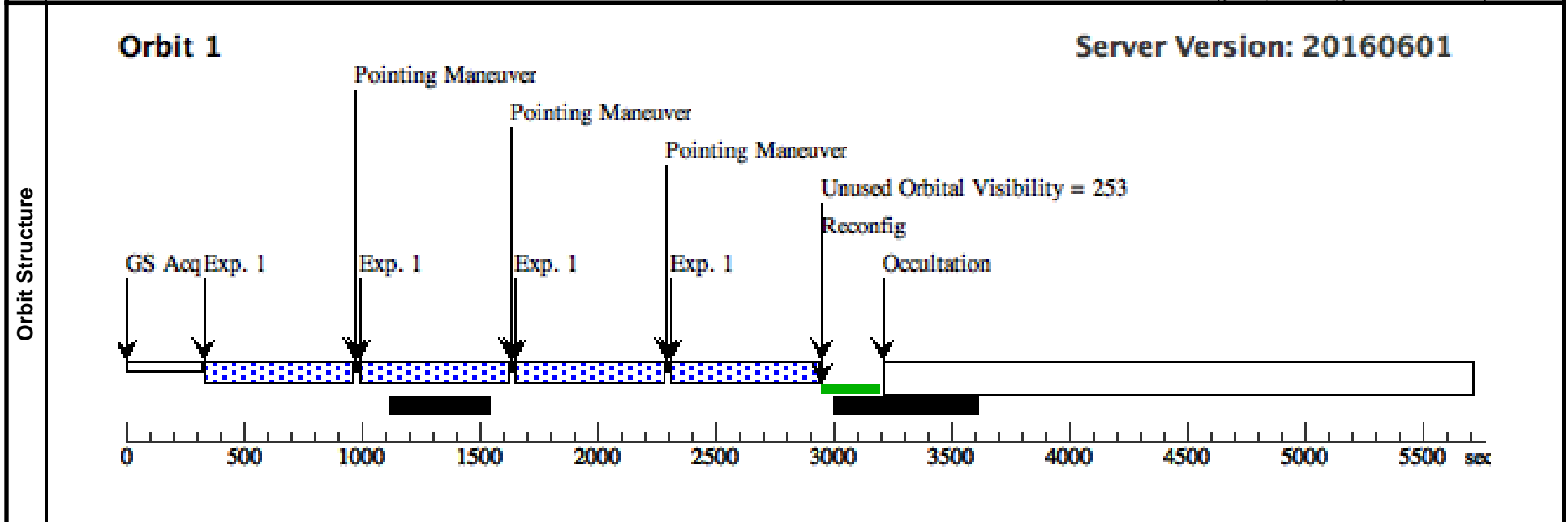


Visit	Proposal 14237, Visit I8, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>		

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	

Generic Targets	#	Name	Criteria	Description
	(1)	SGRB1	SGRB at z<0.4	

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F105W	SAMP-SEQ=STEP100; NSAMP=12			Pattern 1, Exps 1-1 in Visit I8 (1)	599.232292 Secs (2396.929 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	

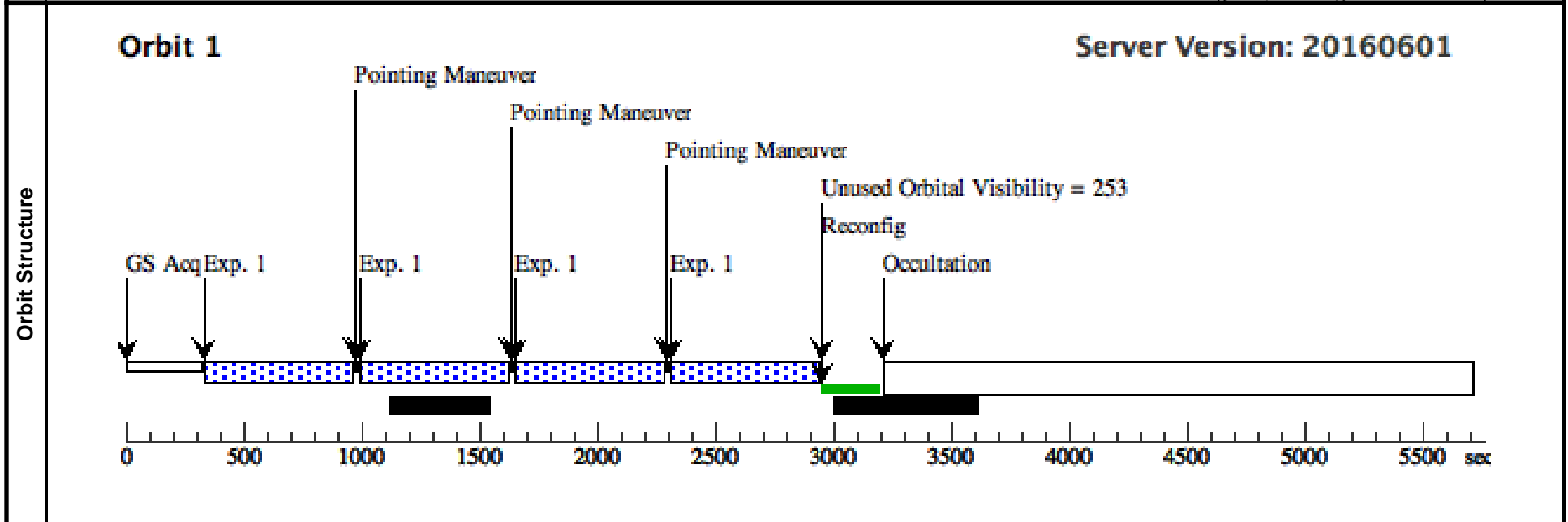


Visit	Proposal 14237, Visit I9, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>		

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	

Generic Targets	#	Name	Criteria	Description
	(1)	SGRB1	SGRB at z<0.4	

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F125W	SAMP-SEQ=STEP100; NSAMP=12			Pattern 1, Exps 1-1 in Visit I9 (1)	599.232292 Secs (2396.929 Secs)
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	



Proposal 14237 - Visit IA - r-process kilonova emission accompanying short-duration GRBs

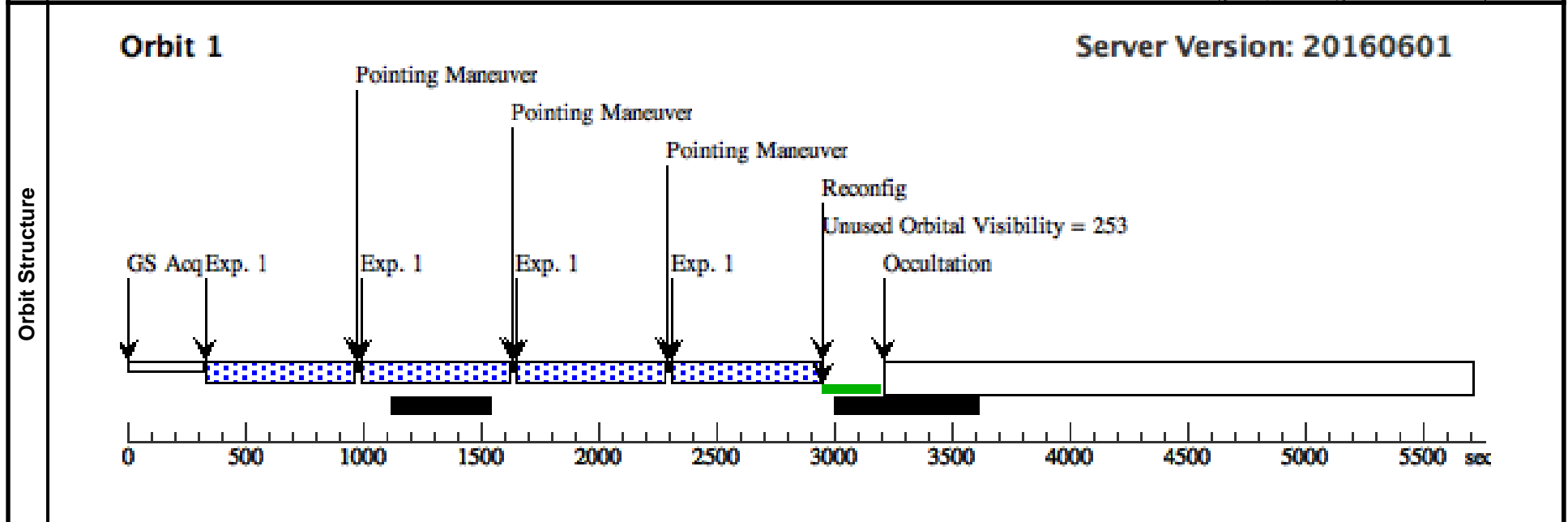
Wed Nov 09 15:54:52 GMT 2016

Visit	Proposal 14237, Visit IA, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>		
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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	

Generic Targets	#	Name	Criteria	Description
	(1)	SGRB1	SGRB at z<0.4	

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=STEP100; NSAMP=12			Pattern 1, Exps 1-1 in Visit IA (1)	599.232292 Secs (2396.929 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]

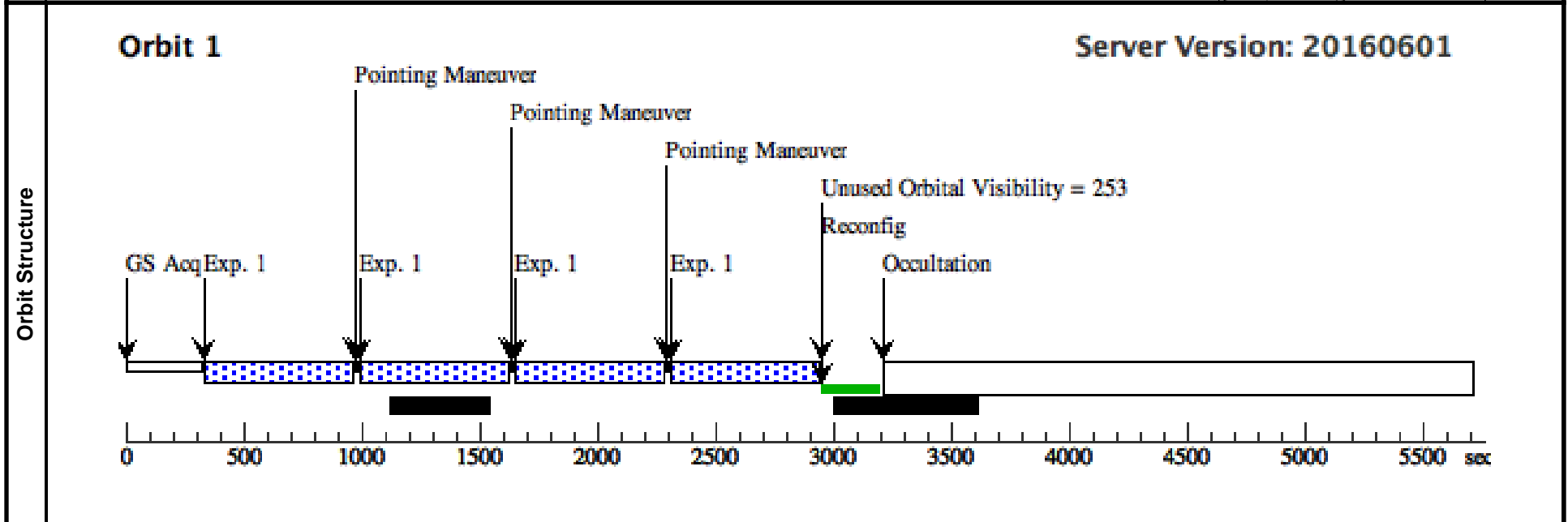


Visit	Proposal 14237, Visit IB, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>		

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)	SGRB1	SGRB at z<0.4	

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=12		Pattern 1, Exps 1-1 in Visit IB (1)	599.232292 Secs (2396.929 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]

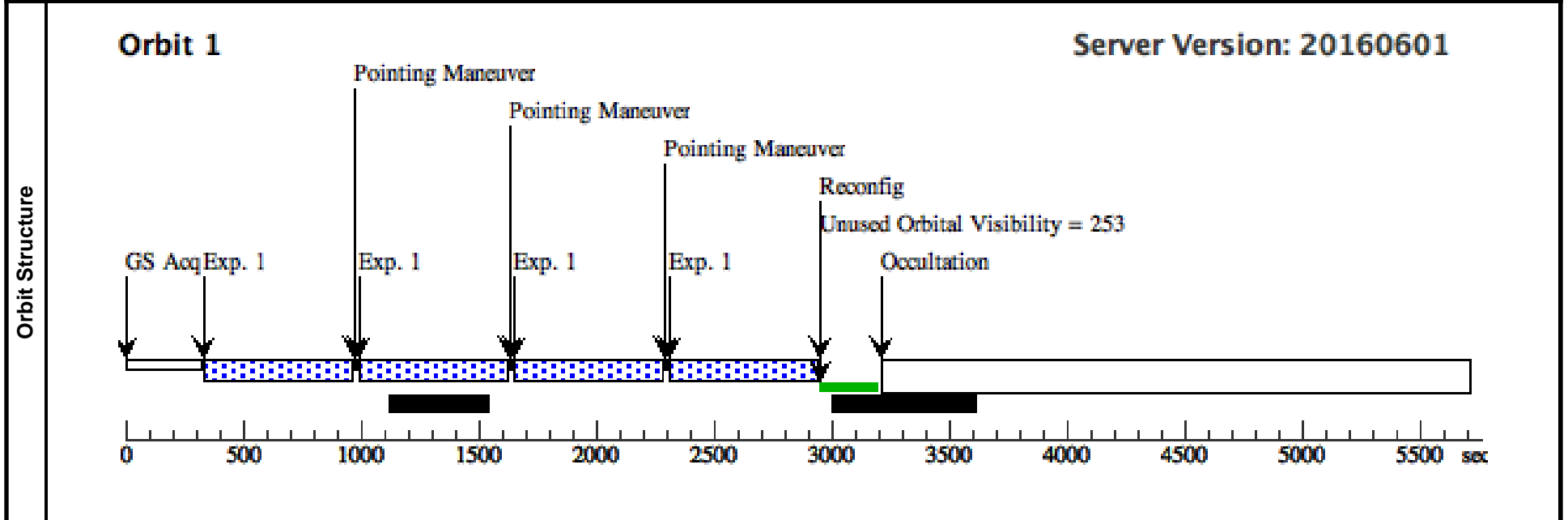


Visit	Proposal 14237, Visit IC, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>		

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	

Generic Targets	#	Name	Criteria	Description
	(1)	SGRB1	SGRB at z<0.4	

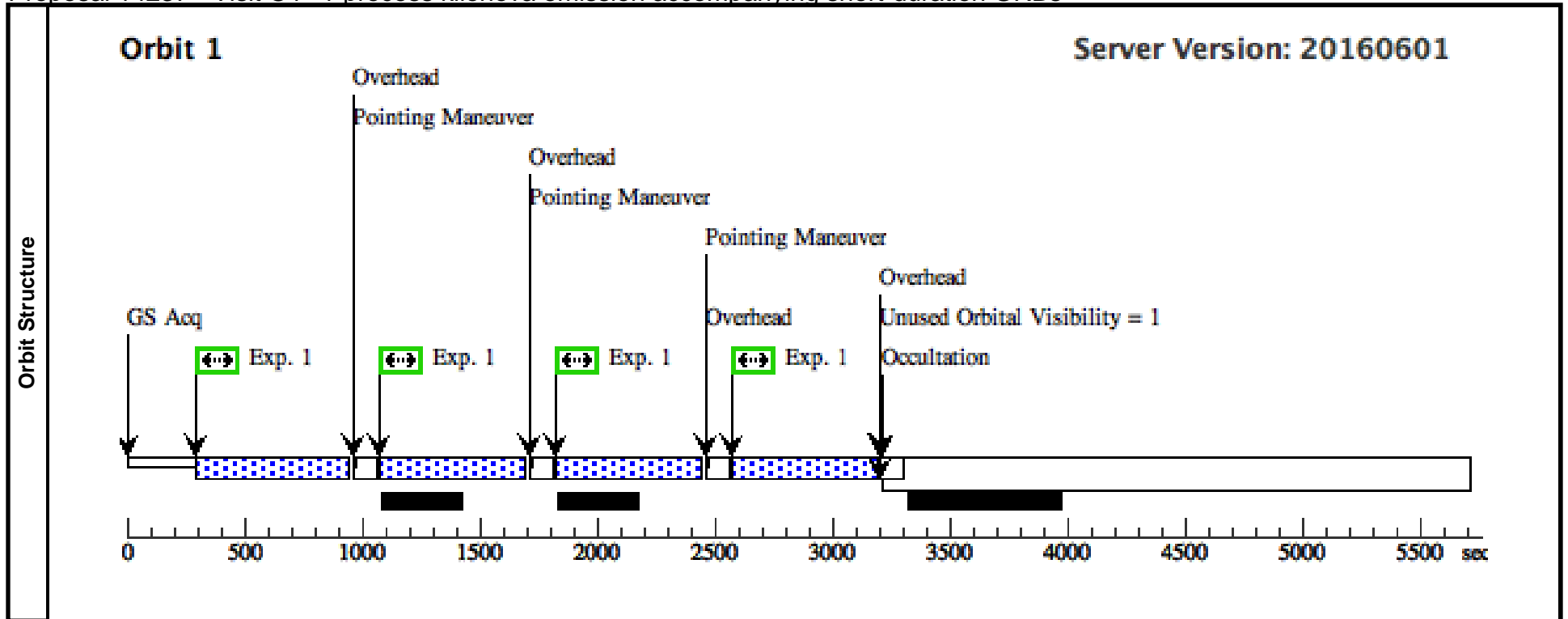
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=STEP100; NSAMP=12			Pattern 1, Exps 1-1 in Visit IC (1)	599.232292 Secs (2396.929 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	



Proposal 14237 - Visit O1 - r-process kilonova emission accompanying short-duration GRBs

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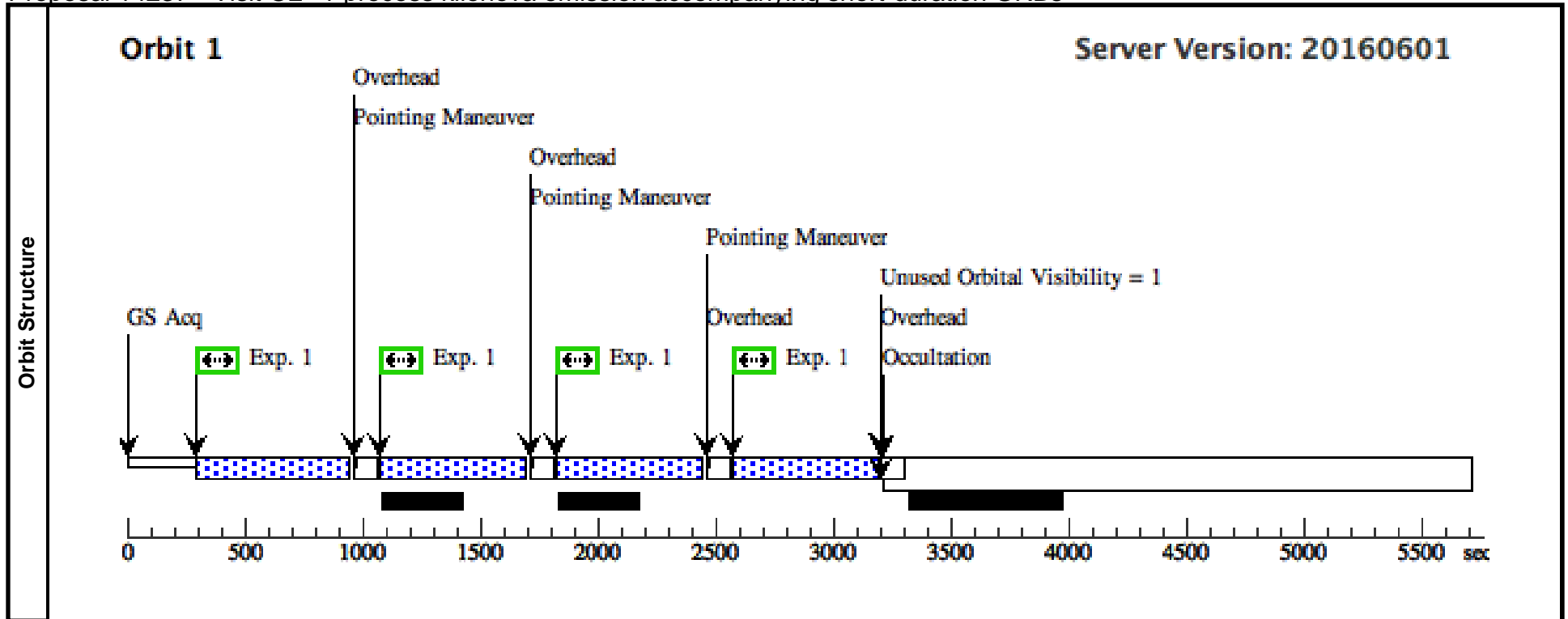
Visit	Proposal 14237, Visit O1, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(3)		Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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)	SGRB1	SGRB at z<0.4								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(1) SGRB1	WFC3/UVIS, ACCUM, UVIS2	F475W	POS TARG -60,-30	Pattern 3, Exps 1-1 in Visit O1 (3)	700 Secs (2484 Secs)		[=>621.0 Secs (Pattern 1)] [=>621.0 Secs (Pattern 2)] [=>621.0 Secs (Pattern 3)] [=>621.0 Secs (Pattern 4)]		[1]



Proposal 14237 - Visit O2 - r-process kilonova emission accompanying short-duration GRBs

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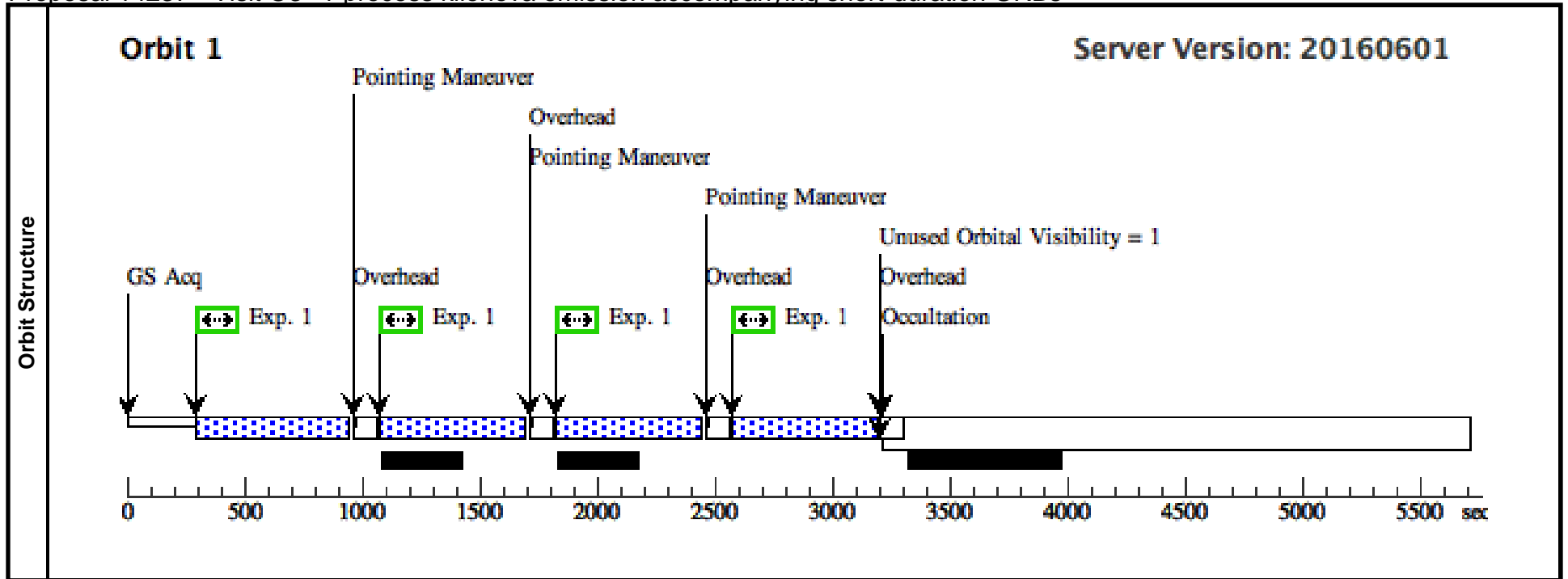
Visit	Proposal 14237, Visit O2, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(3)		Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1	WFC3/UVIS, ACCUM, UVIS2	F606W	POS TARG -60,-30	Pattern 3, Exps 1-1 i n Visit O2 (3)	700 Secs (2484 Secs)		[=>621.0 Secs (Pattern 1)] [=>621.0 Secs (Pattern 2)] [=>621.0 Secs (Pattern 3)] [=>621.0 Secs (Pattern 4)]	[1]



Proposal 14237 - Visit O3 - r-process kilonova emission accompanying short-duration GRBs

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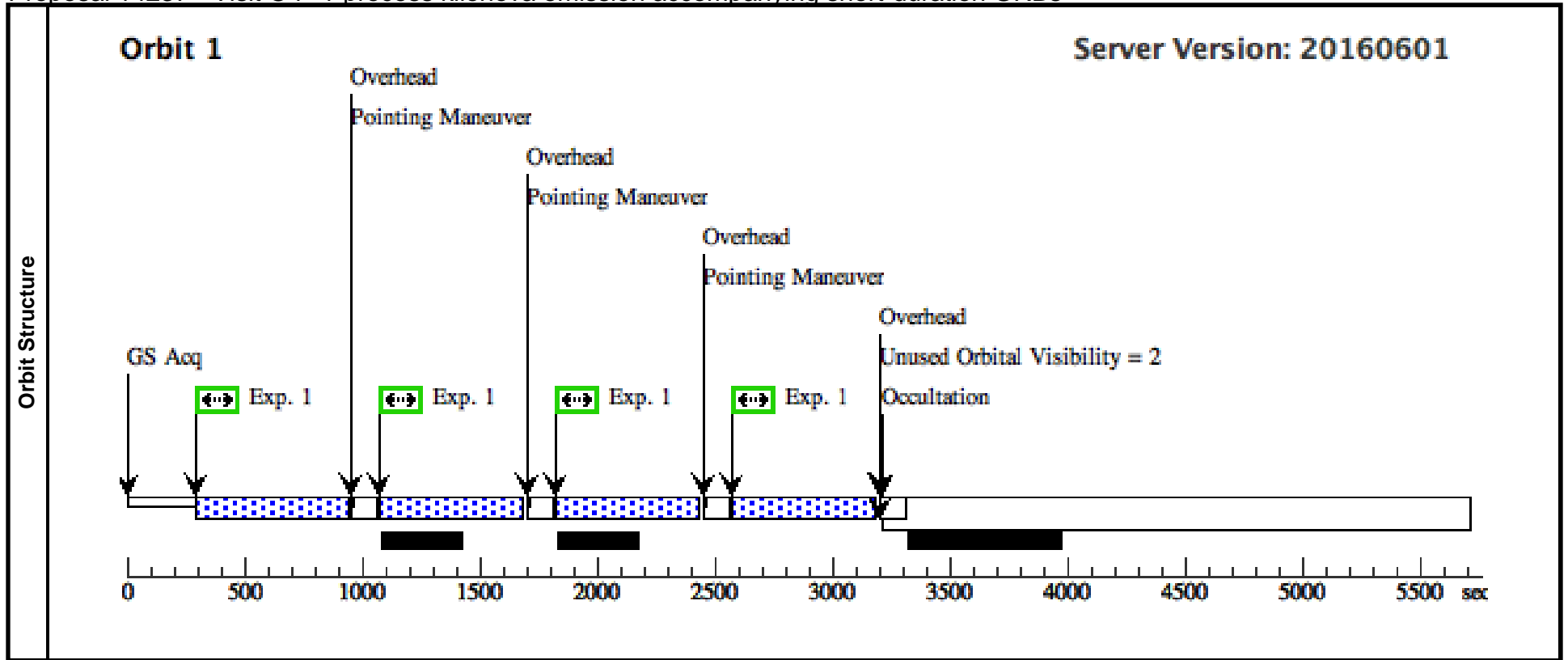
Visit	Proposal 14237, Visit O3, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(3)		Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/UVIS, ACCUM, UVIS2	F814W		POS TARG -60,-30	Pattern 3, Exps 1-1 in Visit O3 (3)	700 Secs (2484 Secs) [=>621.0 Secs (Pattern 1)] [=>621.0 Secs (Pattern 2)] [=>621.0 Secs (Pattern 3)] [=>621.0 Secs (Pattern 4)]	[1]



Proposal 14237 - Visit O4 - r-process kilonova emission accompanying short-duration GRBs

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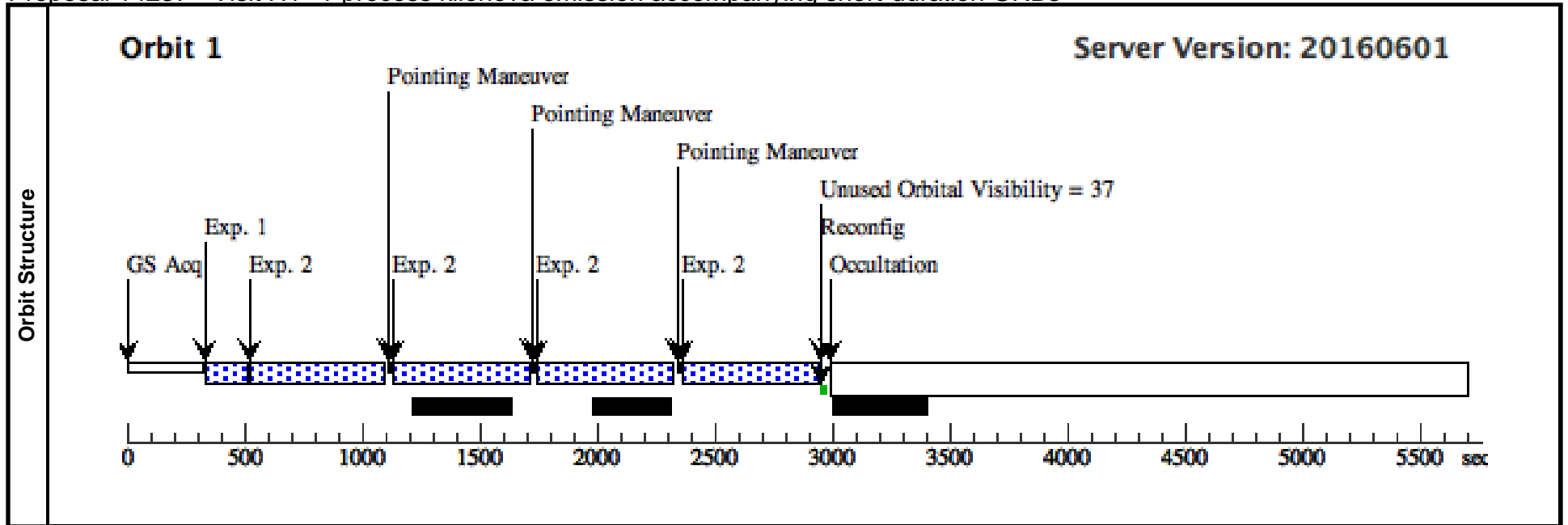
Visit	Proposal 14237, Visit O4, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(3)		Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1	WFC3/UVIS, ACCUM, UVIS2	F850LP	FLASH=7	POS TARG -60,-30	Pattern 3, Exps 1-1 in Visit O4 (3)	700 Secs (2468 Secs)	[==>617.0 Secs (Pattern 1)] [==>617.0 Secs (Pattern 2)] [==>617.0 Secs (Pattern 3)] [==>617.0 Secs (Pattern 4)]	[1]



Proposal 14237 - Visit H1 - r-process kilonova emission accompanying short-duration GRBs

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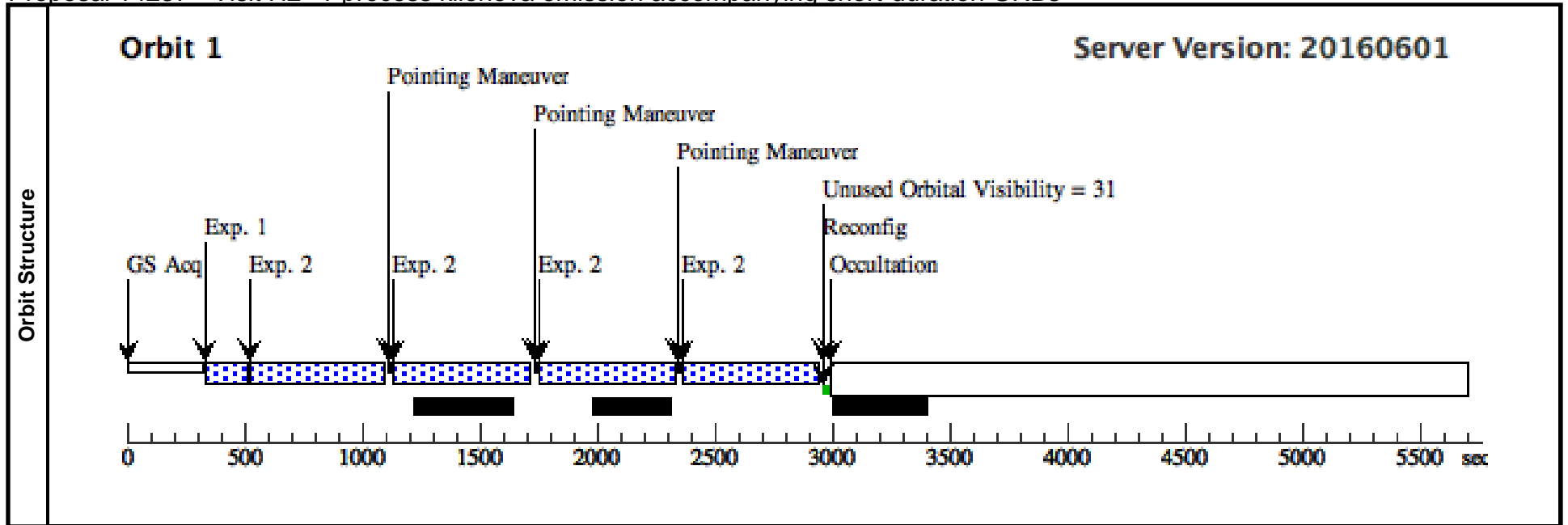
Visit	Proposal 14237, Visit H1, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN 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						(2)		
Generic Targets	#	Name	Criteria		Description						
	(1)	SGRB1	SGRB at z<0.4								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=4; SAMP-SEQ=SPAR S50			152.933644 Secs (152.934 Secs) [==>]		[1]
	2	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 1, Exps 2-2 in Visit H1 (1)	552.937252 Secs (2211.749 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 14237 - Visit H2 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

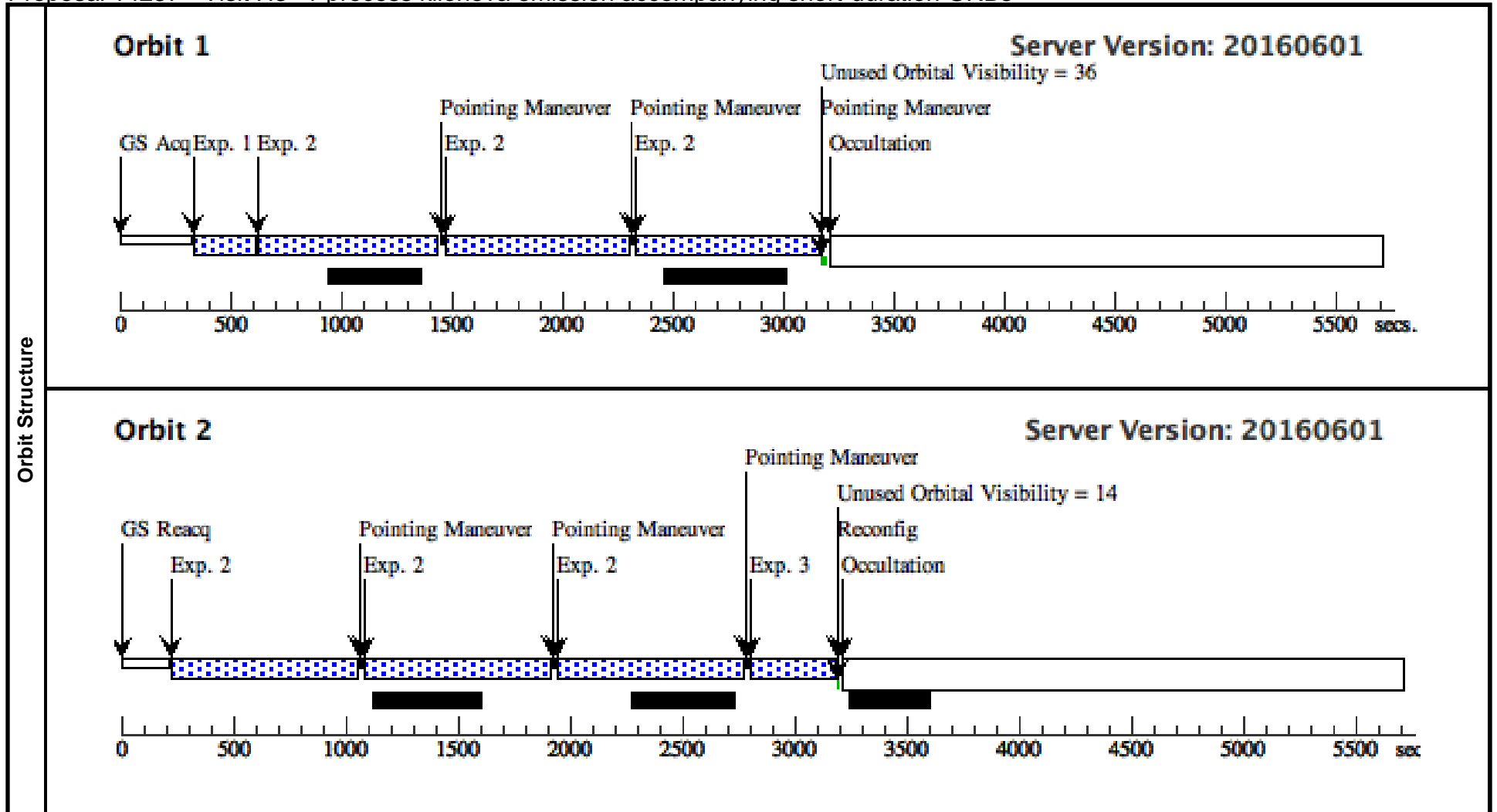
Visit	Proposal 14237, Visit H2, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN 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					(2)		
Generic Targets	#	Name	Criteria	Description						
	(1)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=4; SAMP-SEQ=SPAR S50			152.933644 Secs (152.934 Secs) [==>]	[1]
	2	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 1, Exps 2-2 in Visit H2 (1)	552.937252 Secs (2211.749 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 14237 - Visit H3 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

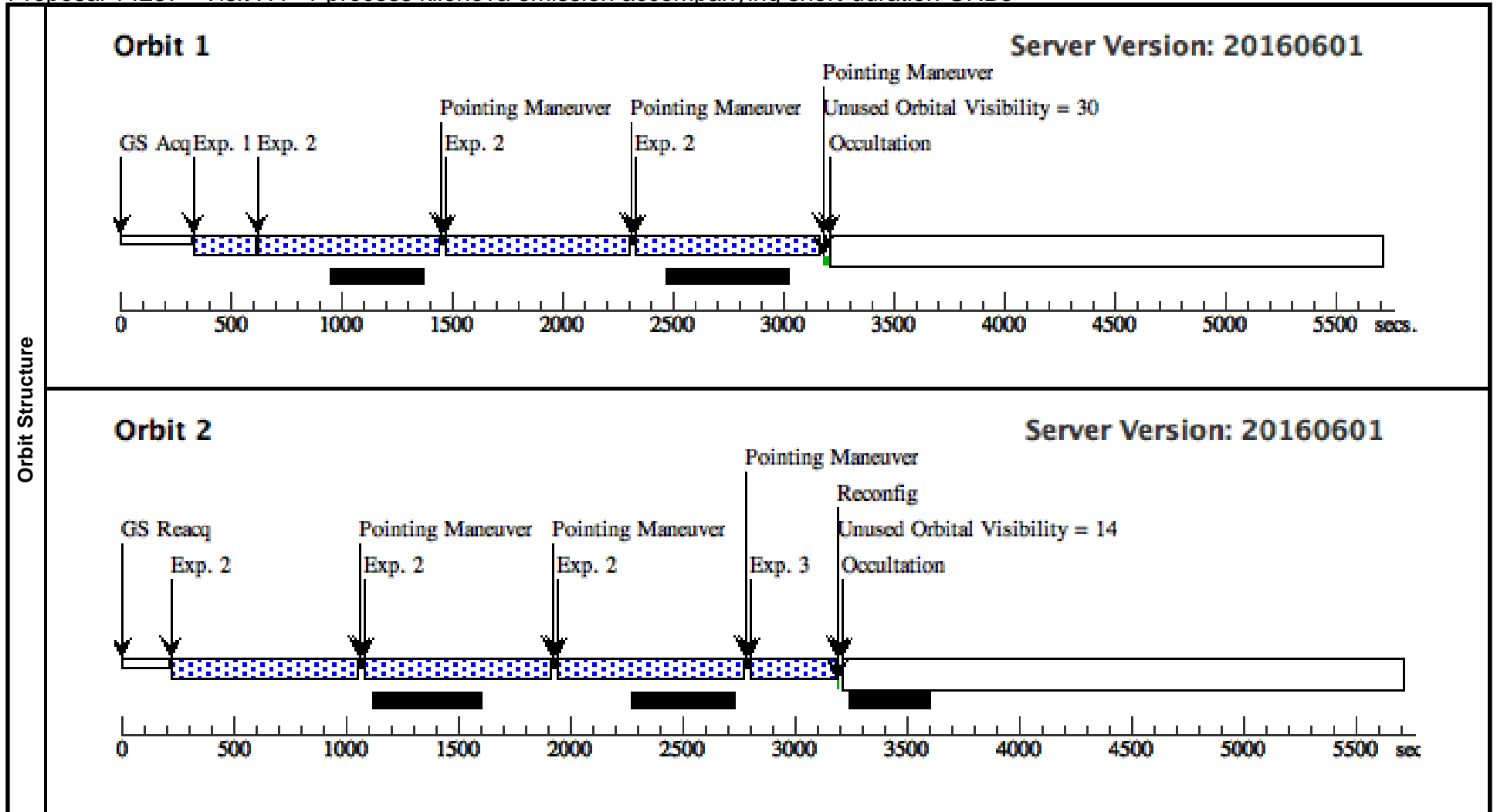
Visit	Proposal 14237, Visit H3, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false	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	(2)			
Generic Targets	#	Name	Criteria	Description						
	(1)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=10; SAMP-SEQ=STEP5 0			249.23203 Secs (249.232 Secs) [==>]	[1]
	2		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=14; SAMP-SEQ=STEP1 00		Pattern 2, Exps 2-2 in Visit H3 (2)	799.232938 Secs (4795.398 Secs) [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)]	[1]
									[==>(Pattern 2,1)] [==>(Pattern 2,2)] [==>(Pattern 2,3)]	[2]
3		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=STEP5 0	POS TARG 0.474,0.424			349.232932 Secs (349.233 Secs) [==>]	[2]



Proposal 14237 - Visit H4 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

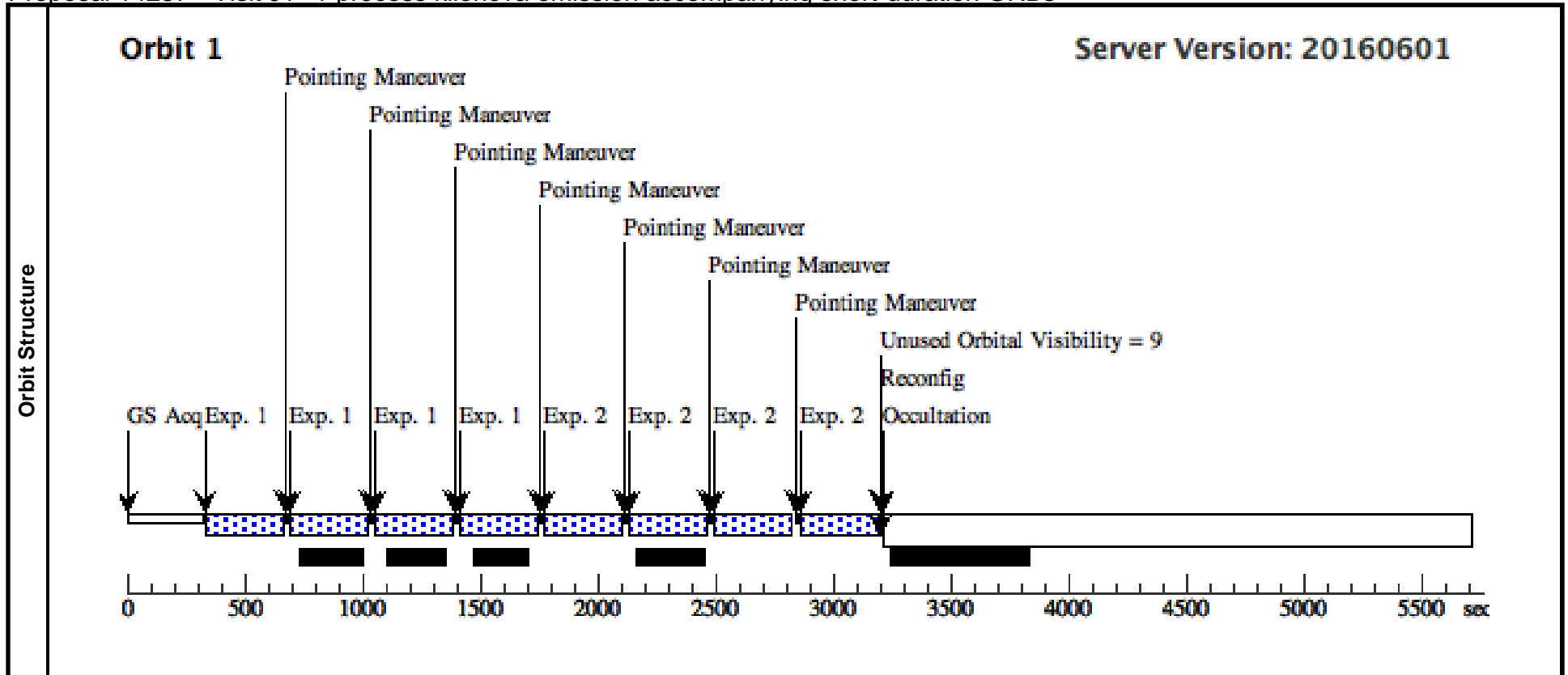
Visit	Proposal 14237, Visit H4, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false	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	(2)			
Generic Targets	#	Name	Criteria	Description						
	(1)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=10; SAMP-SEQ=STEP5 0			249.23203 Secs (249.232 Secs) [==>]	[1]
	2		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=STEP1 00		Pattern 2, Exps 2-2 in Visit H4 (2)	799.232938 Secs (4795.398 Secs) [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)]	[1]
									[==>(Pattern 2,1)] [==>(Pattern 2,2)] [==>(Pattern 2,3)]	[2]
3		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP5 0	POS TARG 0.474,0.424			349.232932 Secs (349.233 Secs) [==>]	[2]



Proposal 14237 - Visit J1 - r-process kilonova emission accompanying short-duration GRBs

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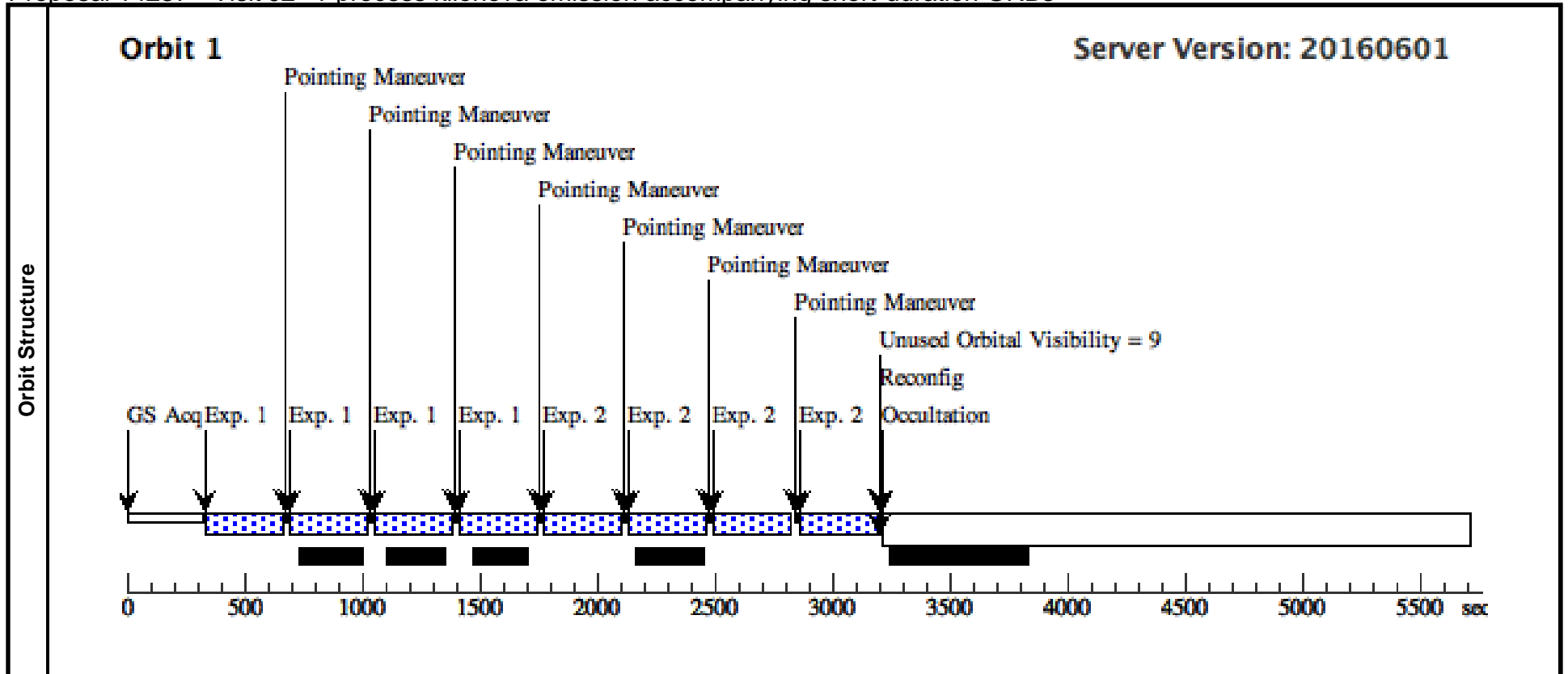
Visit	Proposal 14237, Visit J1, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER 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), (2)		
Generic Targets	#	Name	Criteria	Description						
	(1)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F105W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 1, Exps 1-1 in Visit J1 (1)	299.231323 Secs (1196.925 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 1, Exps 2-2 in Visit J1 (1)	299.231323 Secs (1196.925 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	



Proposal 14237 - Visit J2 - r-process kilonova emission accompanying short-duration GRBs

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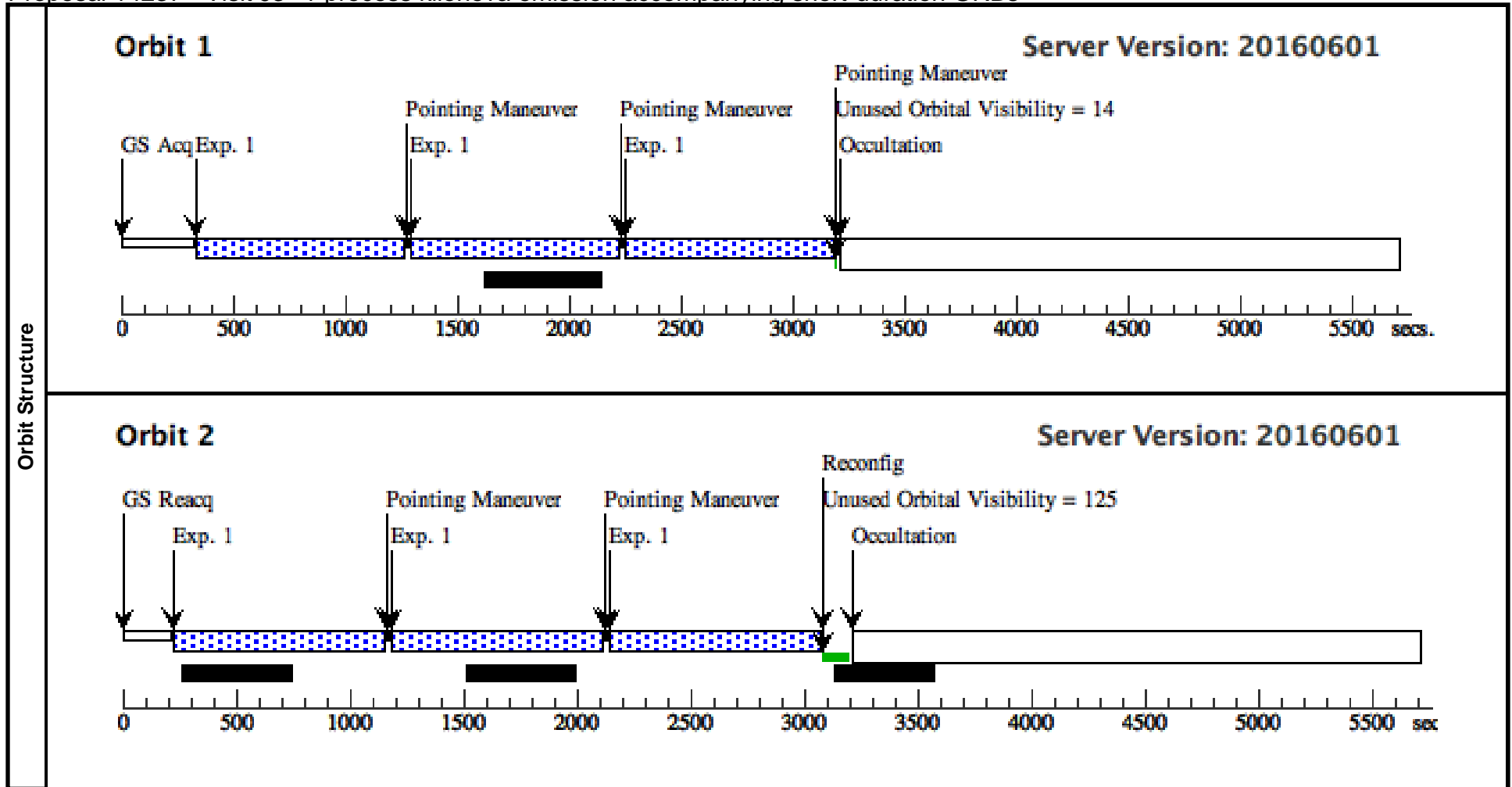
Visit	Proposal 14237, Visit J2, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER 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), (2)		
Generic Targets	#	Name	Criteria		Description					
	(1)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F105W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 1, Exps 1-1 in Visit J2 (1)	299.231323 Secs (1196.925 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2	(1) SGRB1	(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 1, Exps 2-2 in Visit J2 (1)	299.231323 Secs (1196.925 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14237 - Visit J3 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

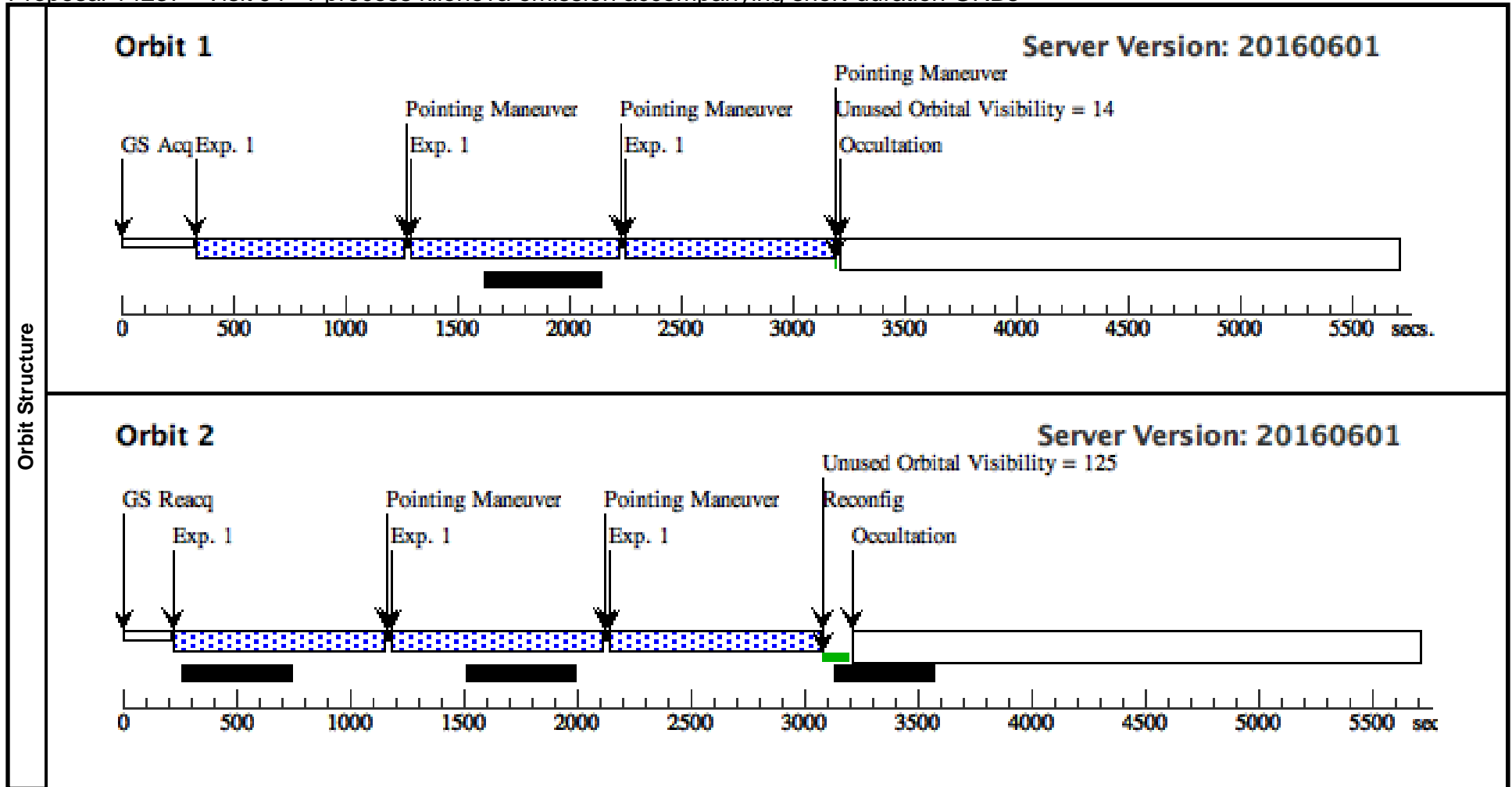
Visit	Proposal 14237, Visit J3, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(2)		Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false		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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F105W	SAMP-SEQ=STEP100; NSAMP=15		Pattern 2, Exps 1-1 in Visit J3 (2)	899.233261 Secs (5395.4 Secs)	
									[==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)]	[1]
								[==>(Pattern 2,1)] [==>(Pattern 2,2)] [==>(Pattern 2,3)]		[2]



Proposal 14237 - Visit J4 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

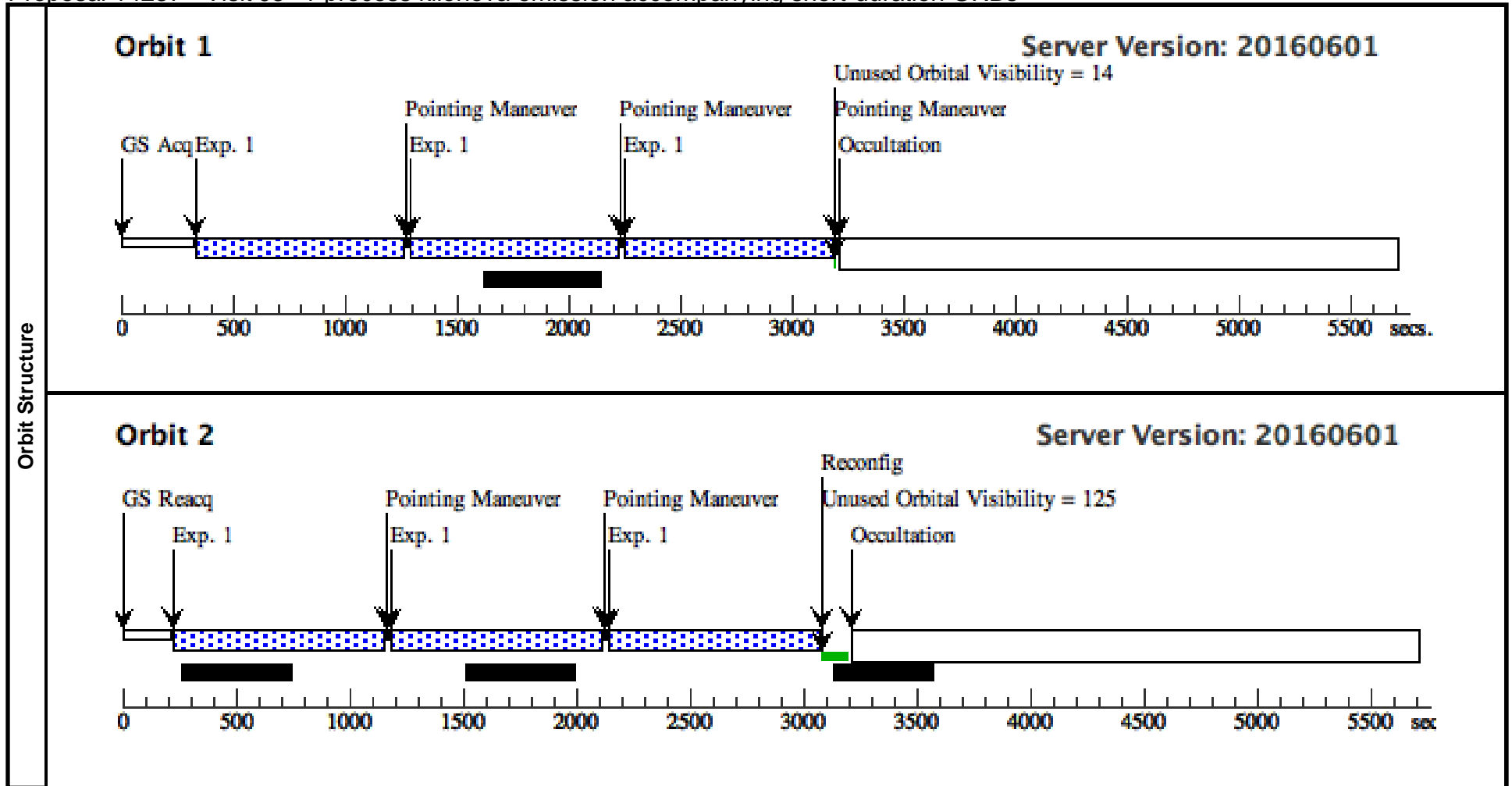
Visit	Proposal 14237, Visit J4, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(2)		Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false	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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1		WFC3/IR, MULTIACCUM, IR	F125W	SAMP-SEQ=STEP100; NSAMP=15		Pattern 2, Exps 1-1 in Visit J4 (2)	899.233261 Secs (5395.4 Secs)	
									[==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)]	[1]
									[==>(Pattern 2,1)] [==>(Pattern 2,2)] [==>(Pattern 2,3)]	[2]



Proposal 14237 - Visit J5 - r-process kilonova emission accompanying short-duration GRBs

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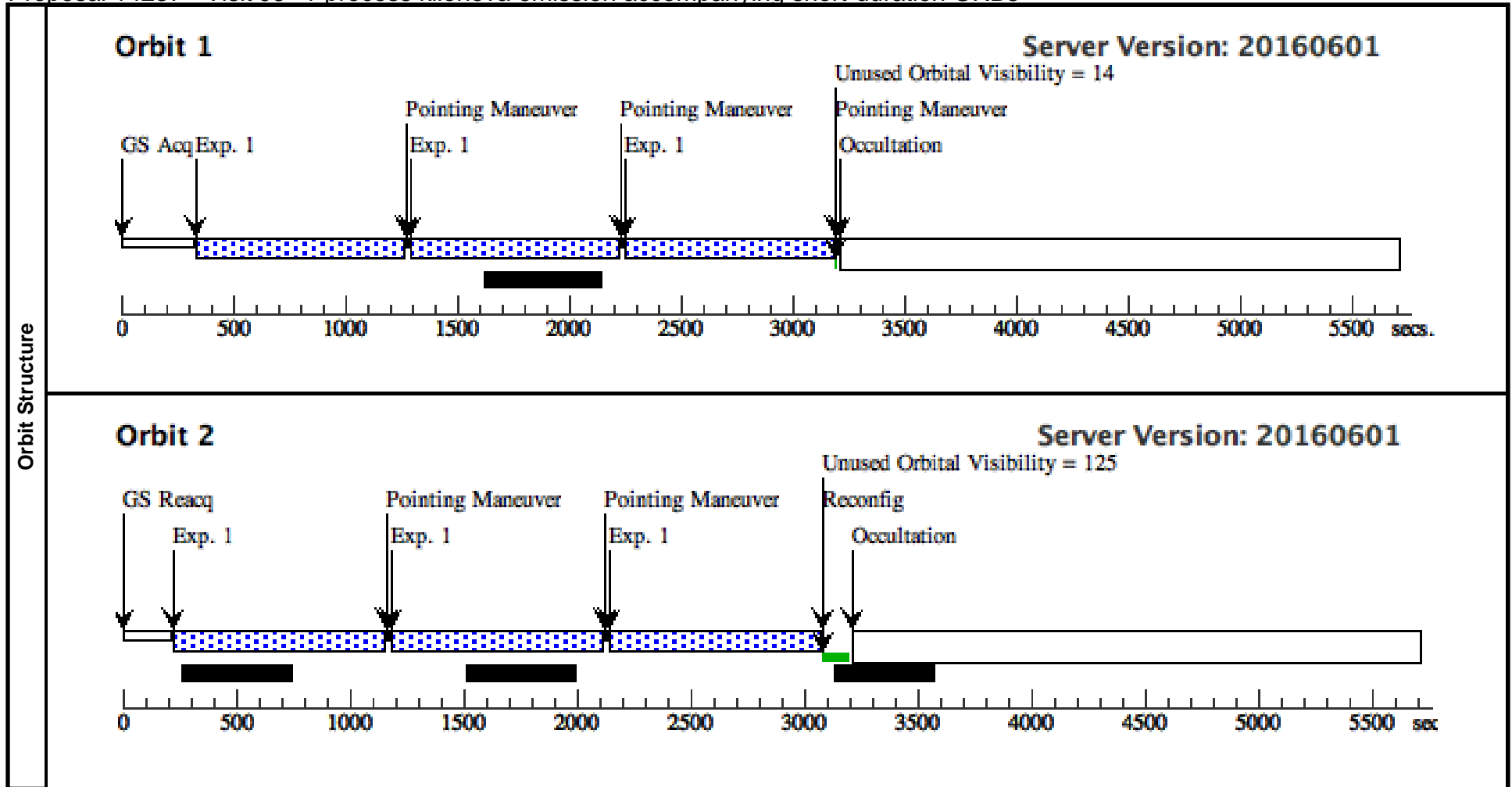
Visit	Proposal 14237, Visit J5, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(2)		Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false		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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1		WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=STEP100; NSAMP=15		Pattern 2, Exps 1-1 in Visit J5 (2)	899.233261 Secs (5395.4 Secs)	
									[=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 1,3)]	[1]
									[=>(Pattern 2,1)] [=>(Pattern 2,2)] [=>(Pattern 2,3)]	[2]



Proposal 14237 - Visit J6 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

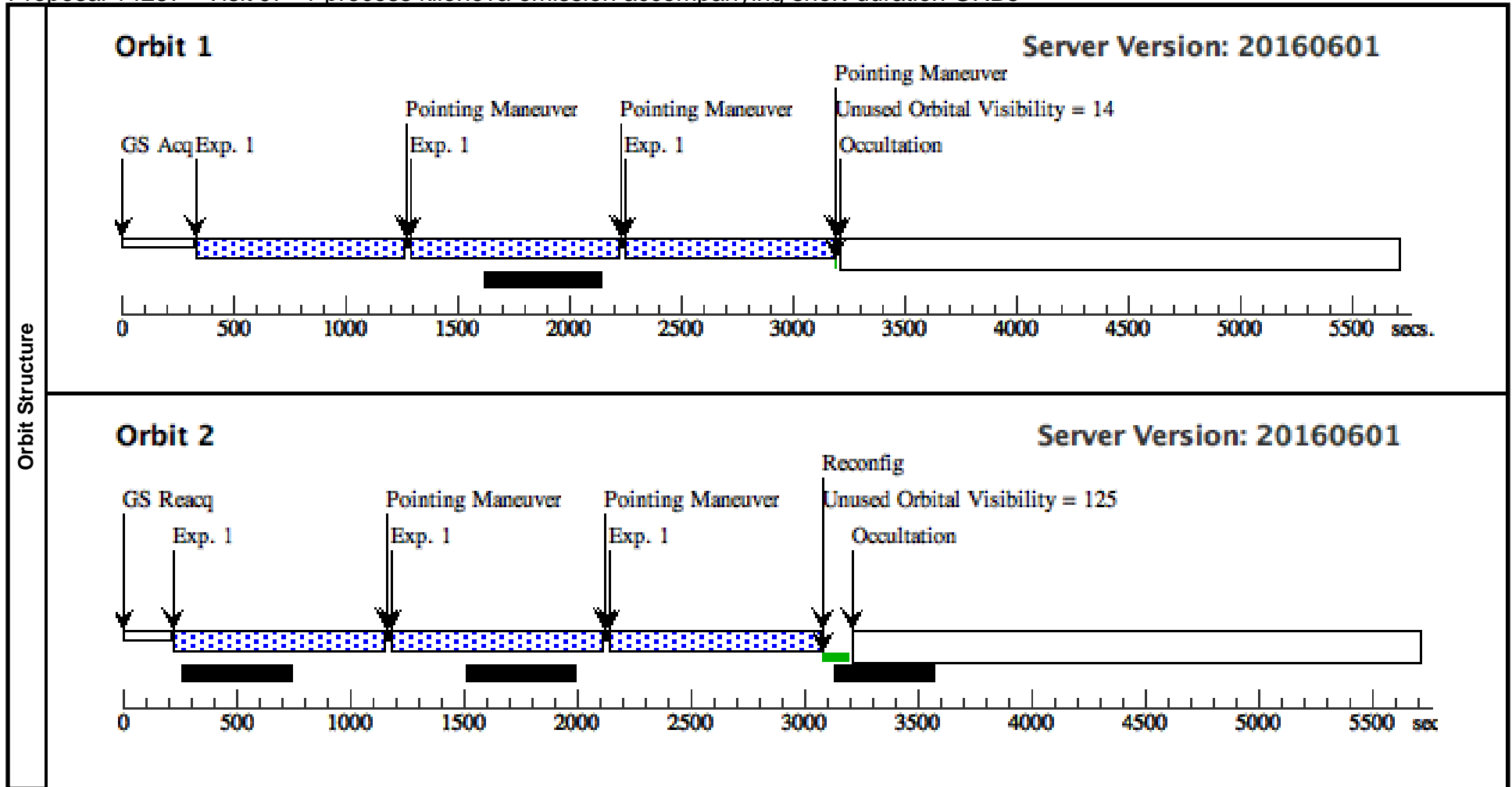
Visit	Proposal 14237, Visit J6, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(2)		Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false		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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1		WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=15		Pattern 2, Exps 1-1 in Visit J6 (2)	899.233261 Secs (5395.4 Secs)	
									[=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 1,3)]	[1]
								[=>(Pattern 2,1)] [=>(Pattern 2,2)] [=>(Pattern 2,3)]		[2]



Proposal 14237 - Visit J7 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

Visit	Proposal 14237, Visit J7, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(2)		Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false		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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1		WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=STEP100; NSAMP=15		Pattern 2, Exps 1-1 in Visit J7 (2)	899.233261 Secs (5395.4 Secs)	
									[==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)]	[1]
									[==>(Pattern 2,1)] [==>(Pattern 2,2)] [==>(Pattern 2,3)]	[2]

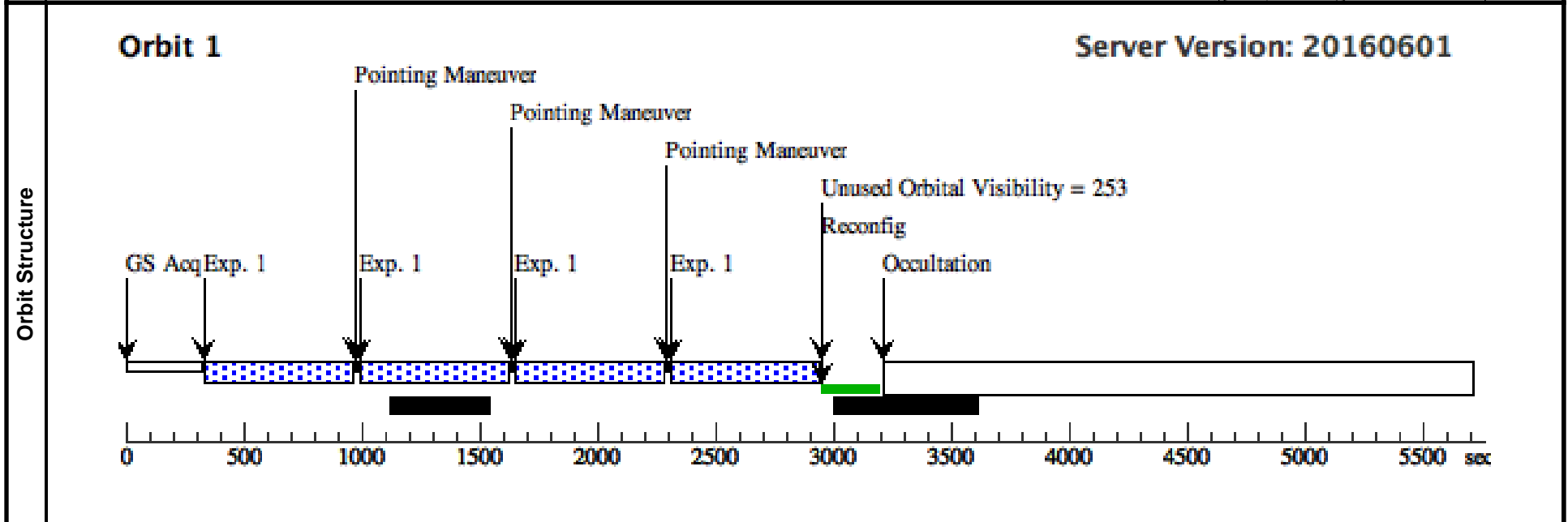


Visit	Proposal 14237, Visit J8, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern 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)	SGRB1	SGRB at z<0.4	

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F105W	SAMP-SEQ=STEP100; NSAMP=12		Pattern 1, Exps 1-1 in Visit J8 (1)	599.232292 Secs (2396.929 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]

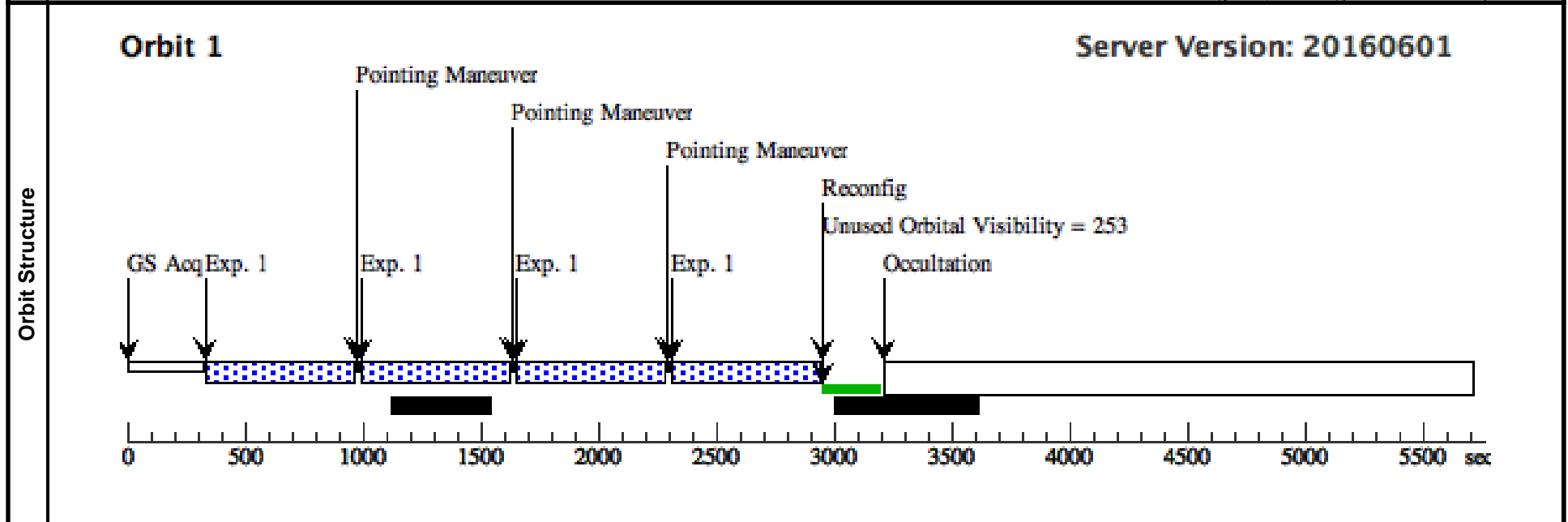


Visit	Proposal 14237, Visit J9, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>		

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	

Generic Targets	#	Name	Criteria	Description
	(1)	SGRB1	SGRB at z<0.4	

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F125W	SAMP-SEQ=STEP100; NSAMP=12			Pattern 1, Exps 1-1 in Visit J9 (1)	599.232292 Secs (2396.929 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	



Proposal 14237 - Visit JA - r-process kilonova emission accompanying short-duration GRBs

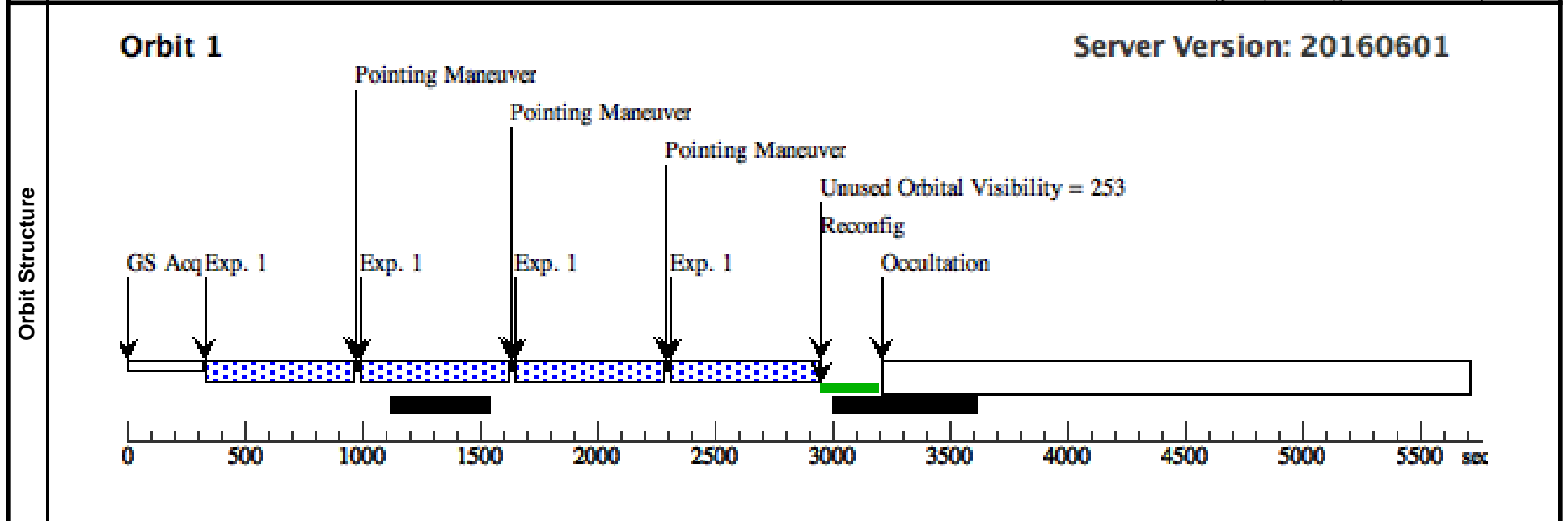
Wed Nov 09 15:54:53 GMT 2016

Visit	Proposal 14237, Visit JA, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD On Hold Comments: Awaiting SGRB 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	(1)

Generic Targets	#	Name	Criteria	Description
	(1)	SGRB1	SGRB at z<0.4	

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=STEP100; NSAMP=12		Pattern 1, Exps 1-1 in Visit JA (1)	599.232292 Secs (2396.929 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14237 - Visit JB - r-process kilonova emission accompanying short-duration GRBs

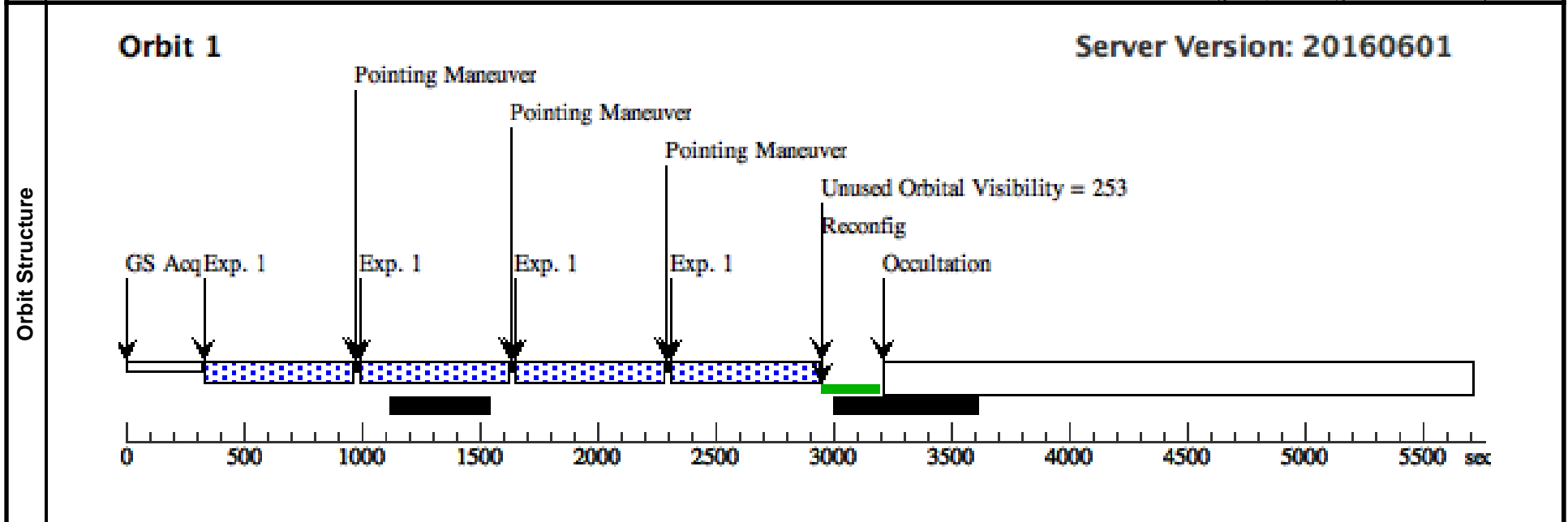
Wed Nov 09 15:54:53 GMT 2016

Visit	Proposal 14237, Visit JB, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <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)	SGRB1	SGRB at z<0.4	

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=12		Pattern 1, Exps 1-1 in Visit JB (1)	599.232292 Secs (2396.929 Secs)	[1]
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	

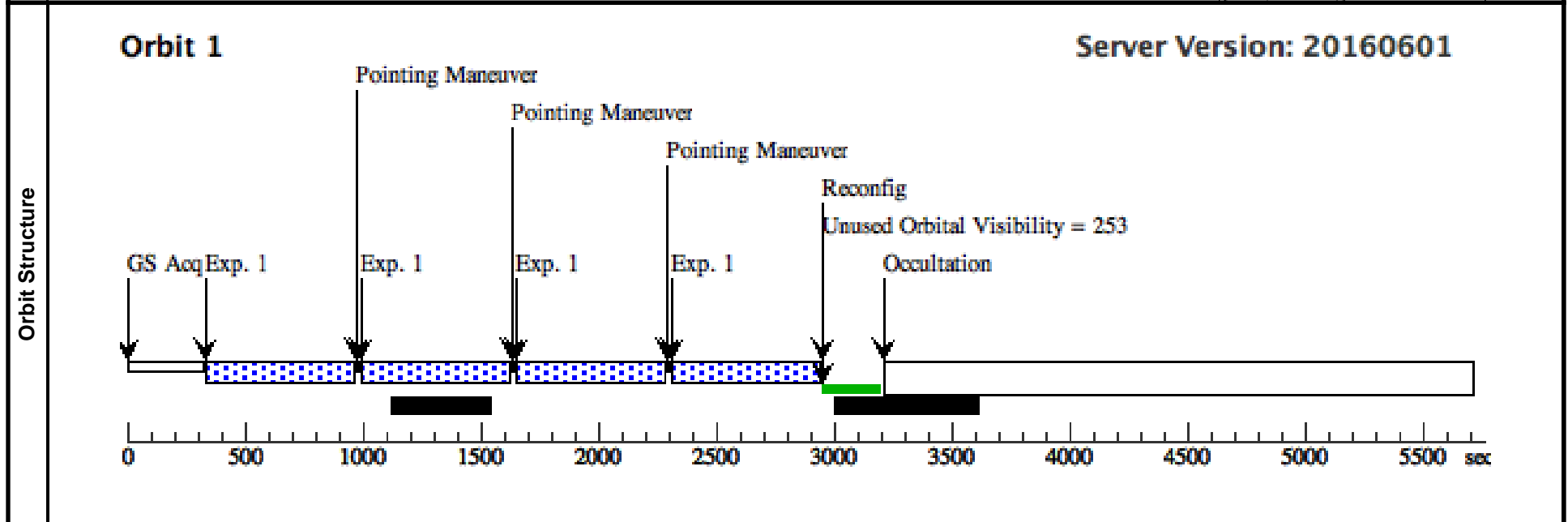


Visit	Proposal 14237, Visit JC, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>		

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	

Generic Targets	#	Name	Criteria	Description
	(1)	SGRB1	SGRB at z<0.4	

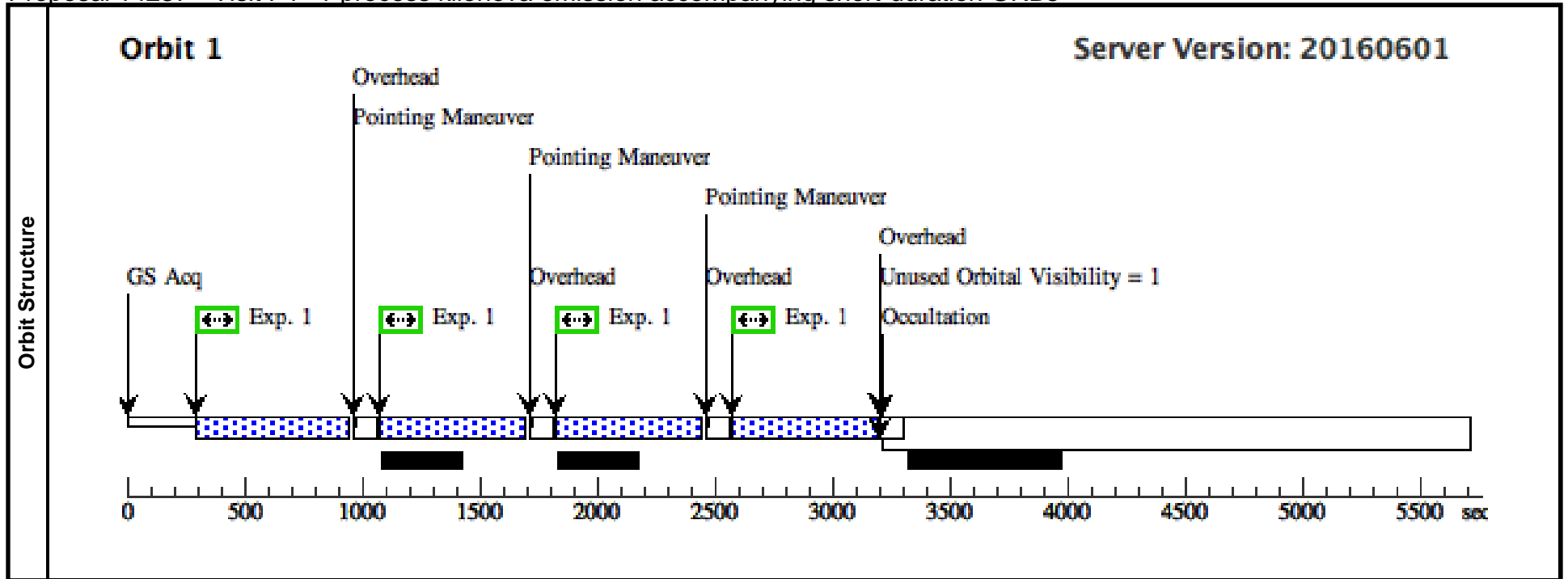
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=STEP100; NSAMP=12			Pattern 1, Exps 1-1 in Visit JC (1)	599.232292 Secs (2396.929 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	



Proposal 14237 - Visit P1 - r-process kilonova emission accompanying short-duration GRBs

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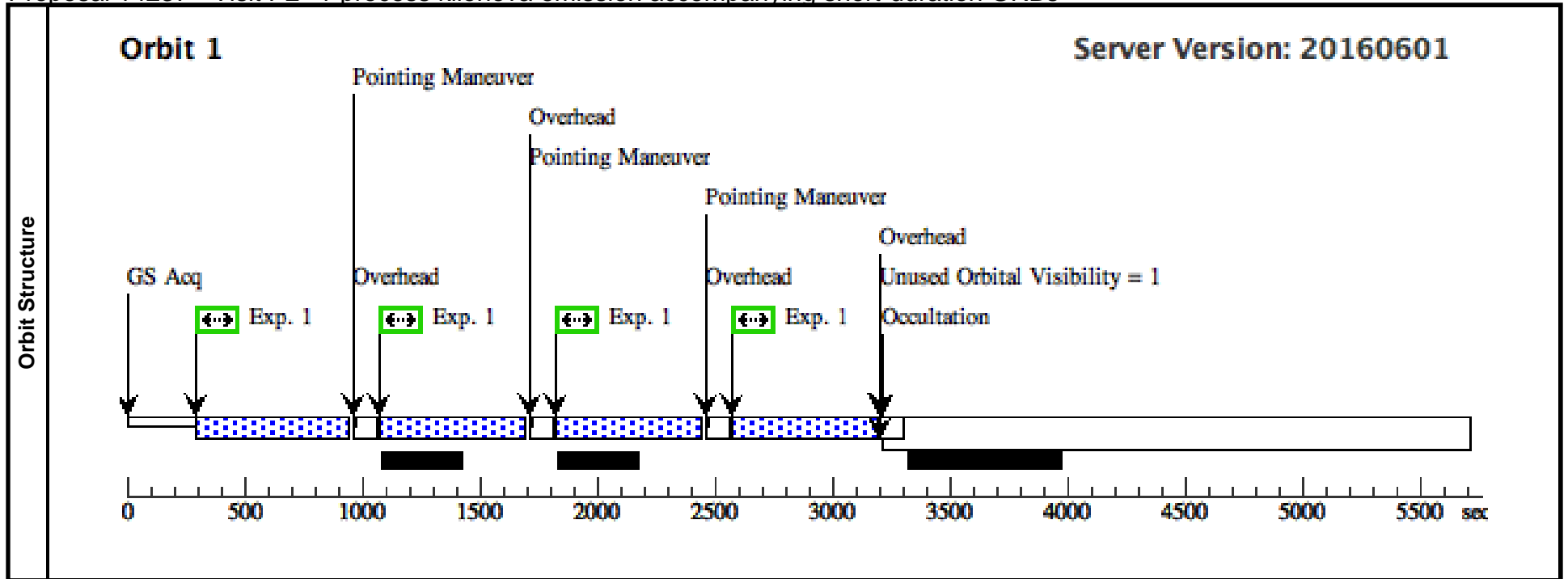
Visit	Proposal 14237, Visit P1, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(3)		Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/UVIS, ACCUM, UVIS2	F475W		POS TARG -60,-30	Pattern 3, Exps 1-1 in Visit P1 (3)	700 Secs (2484 Secs) [=>621.0 Secs (Pattern 1)] [=>621.0 Secs (Pattern 2)] [=>621.0 Secs (Pattern 3)] [=>621.0 Secs (Pattern 4)]	[1]



Proposal 14237 - Visit P2 - r-process kilonova emission accompanying short-duration GRBs

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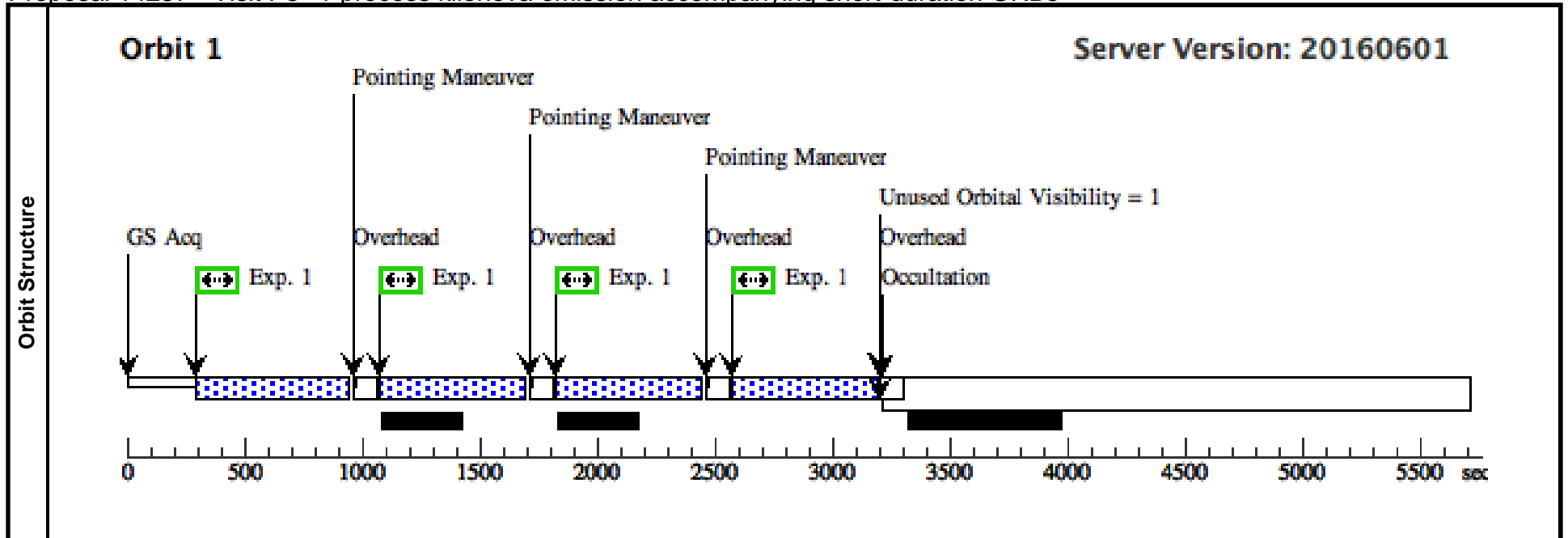
Visit	Proposal 14237, Visit P2, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(3)		Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/UVIS, ACCUM, UVIS2	F606W		POS TARG -60,-30	Pattern 3, Exps 1-1 in Visit P2 (3)	700 Secs (2484 Secs) [=>621.0 Secs (Pattern 1)] [=>621.0 Secs (Pattern 2)] [=>621.0 Secs (Pattern 3)] [=>621.0 Secs (Pattern 4)]	[1]



Proposal 14237 - Visit P3 - r-process kilonova emission accompanying short-duration GRBs

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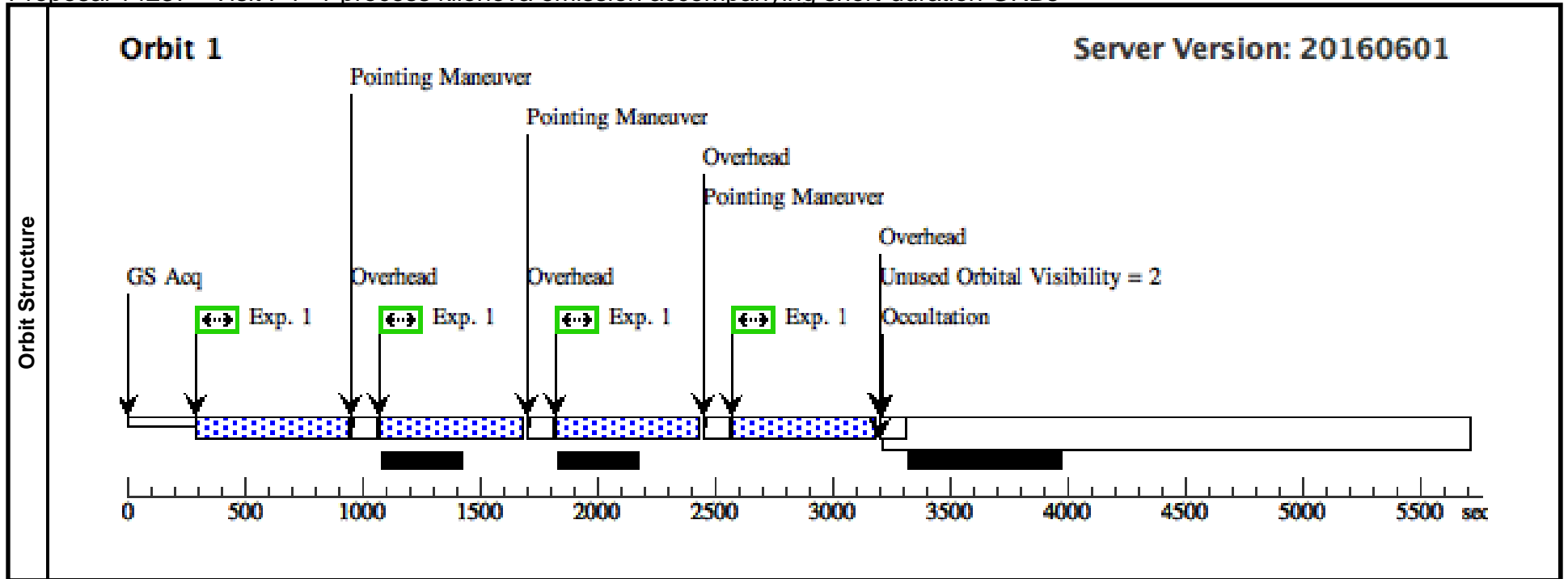
Visit	Proposal 14237, Visit P3, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(3)		Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1	WFC3/UVIS, ACCUM, UVIS2	F814W	POS TARG -60,-30	Pattern 3, Exps 1-1 in Visit P3 (3)	700 Secs (2484 Secs)		[=>621.0 Secs (Pattern 1)] [=>621.0 Secs (Pattern 2)] [=>621.0 Secs (Pattern 3)] [=>621.0 Secs (Pattern 4)]	[1]



Proposal 14237 - Visit P4 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

Visit	Proposal 14237, Visit P4, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(3)		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)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) SGRB1	WFC3/UVIS, ACCUM, UVIS2	F850LP	FLASH=7	POS TARG -60,-30	Pattern 3, Exps 1-1 in Visit P4 (3)	700 Secs (2468 Secs)	[=>617.0 Secs (Pattern 1)] [=>617.0 Secs (Pattern 2)] [=>617.0 Secs (Pattern 3)] [=>617.0 Secs (Pattern 4)]	[1]

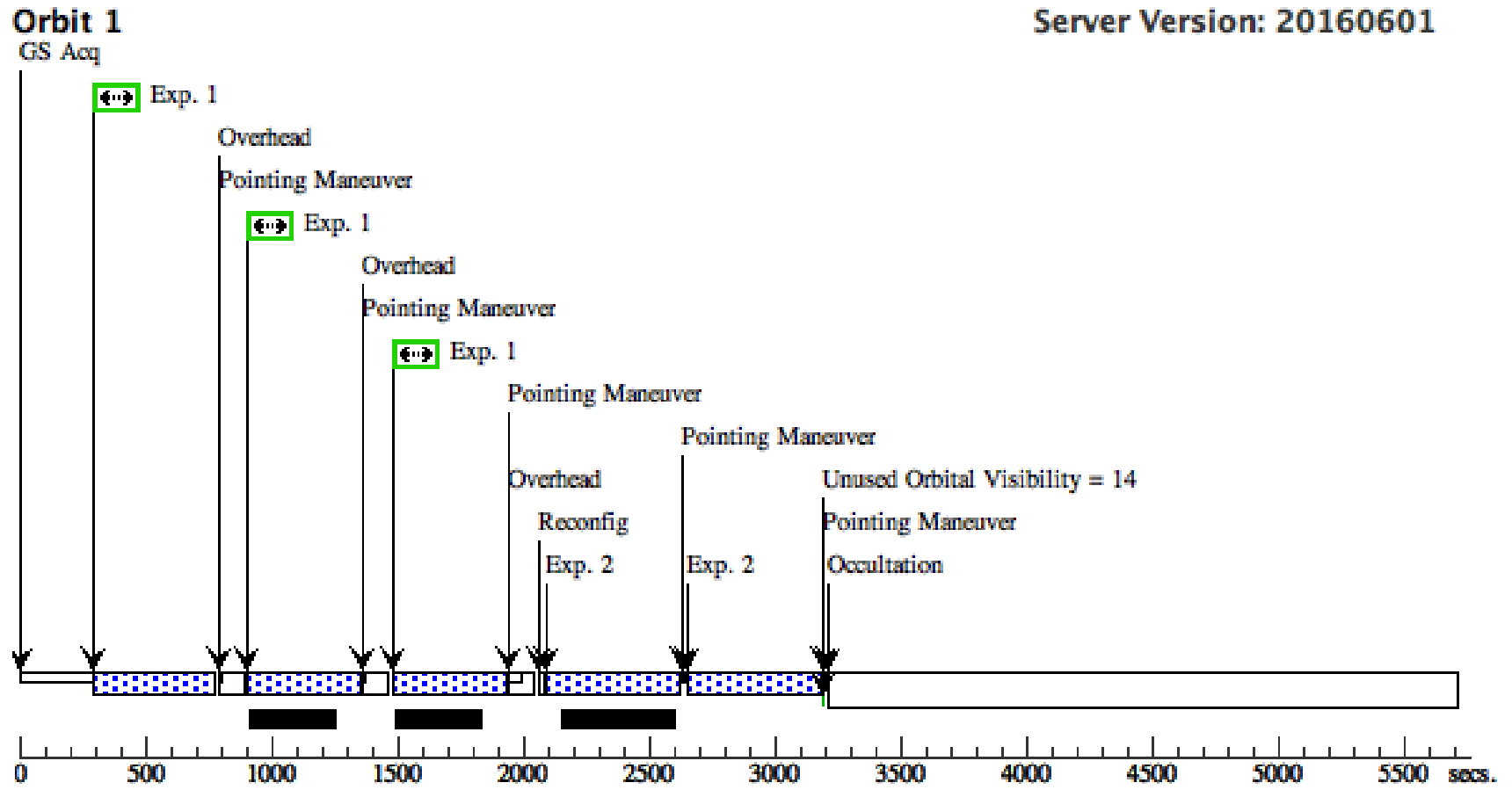


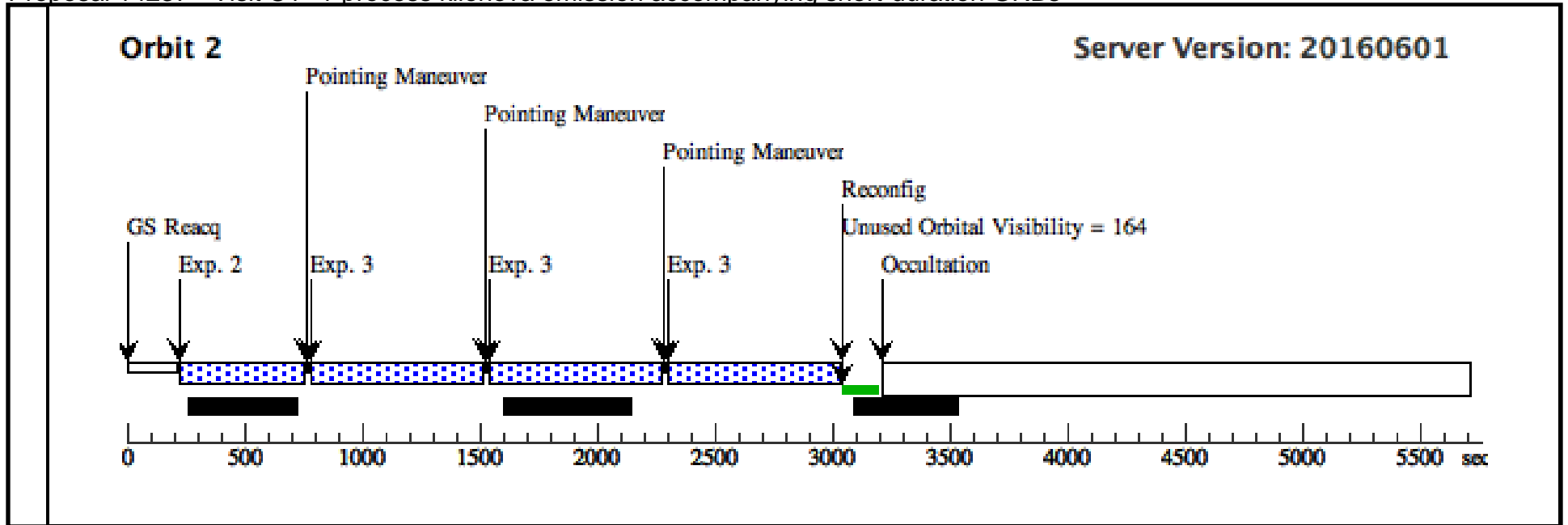
Proposal 14237 - Visit C1 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

Visit	Proposal 14237, Visit C1, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(4)	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=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		(2), (3)						
Generic Targets	#	Name	Criteria	Description						
	(1)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/UVIS, ACCUM, UVIS2	F606W		POS TARG -60,-30	Pattern 4, Exps 1-1 in Visit C1 (4)	450 Secs (1350 Secs)	
									[==>(Pattern 1)]	[1]
									[==>(Pattern 2)]	
									[==>(Pattern 3)]	
	2		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F105W		SAMP-SEQ=STEP100; NSAMP=11		Pattern 5, Exps 2-2 in Visit C1 (5)	499.231969 Secs (1497.696 Secs)
								[==>(Pattern 1)]	[1]	
								[==>(Pattern 2)]	[2]	
								[==>(Pattern 3)]		
3		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=13; SAMP-SEQ=STEP100		Pattern 5, Exps 3-3 in Visit C1 (5)	699.232615 Secs (2097.698 Secs)	
								[==>(Pattern 1)]	[2]	
								[==>(Pattern 2)]		
								[==>(Pattern 3)]		

Orbit Structure



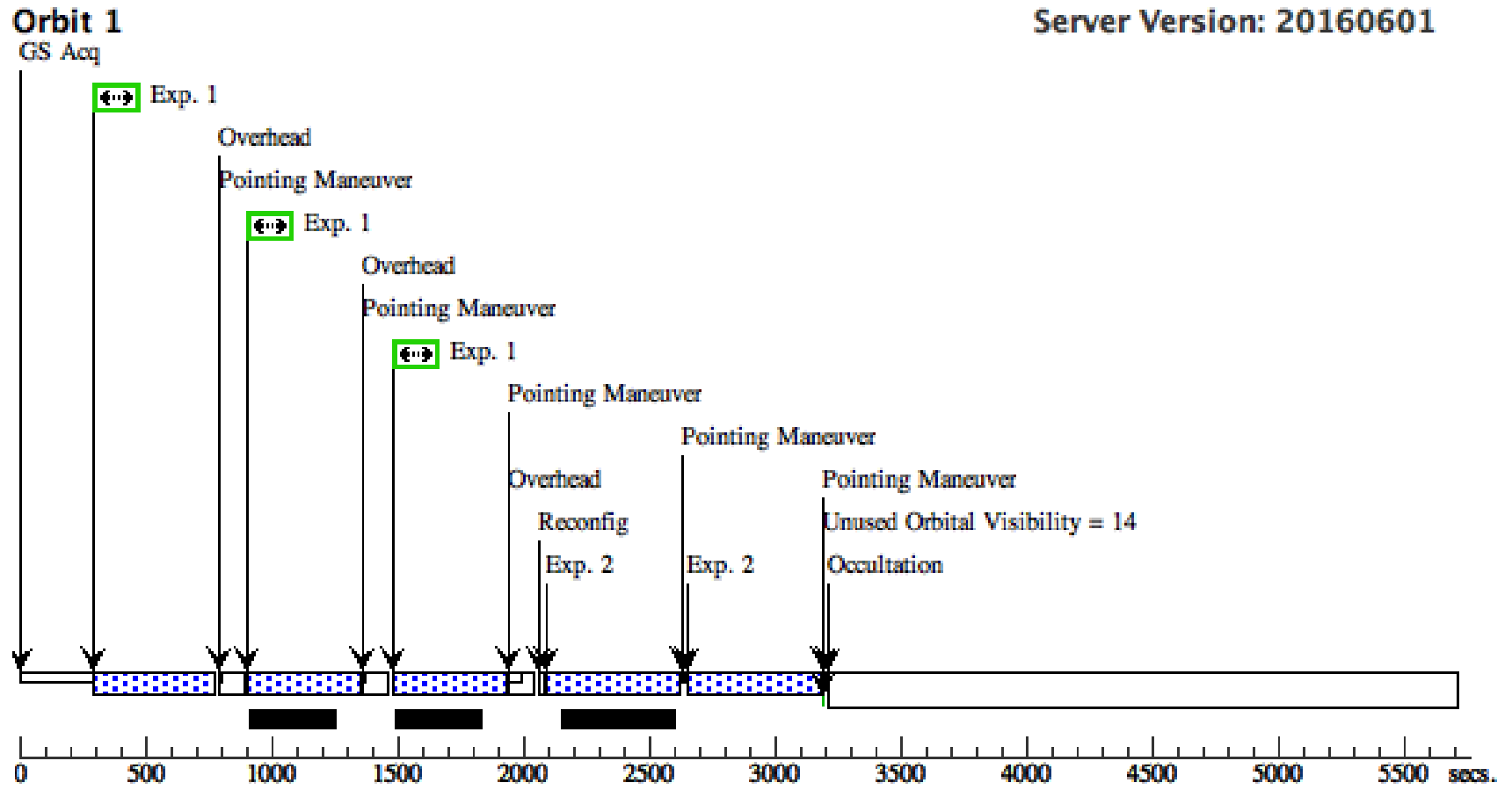


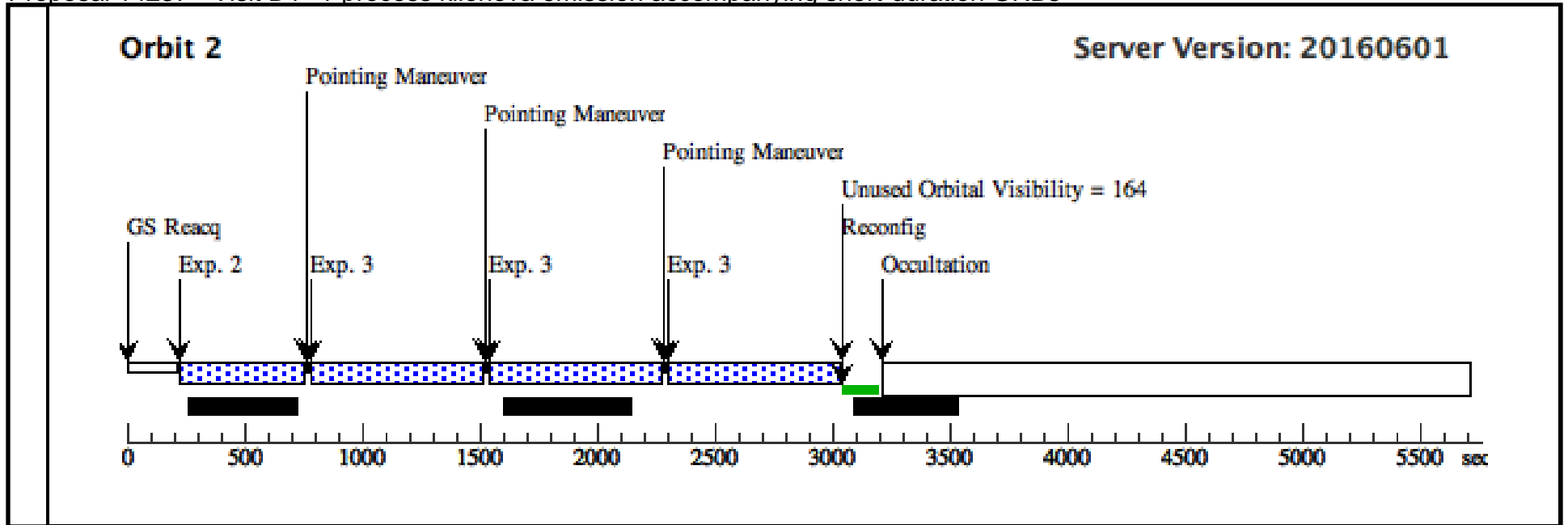
Proposal 14237 - Visit D1 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

Visit	Proposal 14237, Visit D1, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	#	Primary Pattern			Secondary Pattern			Exposures		
Patterns	(4)	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=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							(2), (3)
Generic Targets	#	Name	Criteria	Description						
	(1)	SGRB1	SGRB at z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SGRB1	WFC3/UVIS, ACCUM, UVIS2	F606W		POS TARG -60,-30	Pattern 4, Exps 1-1 in Visit D1 (4)	450 Secs (1350 Secs)	
									[==>(Pattern 1)]	[1]
									[==>(Pattern 2)]	
									[==>(Pattern 3)]	
	2		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F105W		SAMP-SEQ=STEP100; NSAMP=11		Pattern 5, Exps 2-2 in Visit D1 (5)	499.231969 Secs (1497.696 Secs)
								[==>(Pattern 1)]	[1]	
								[==>(Pattern 2)]	[2]	
								[==>(Pattern 3)]		
3		(1) SGRB1	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=13; SAMP-SEQ=STEP100		Pattern 5, Exps 3-3 in Visit D1 (5)	699.232615 Secs (2097.698 Secs)	
								[==>(Pattern 1)]	[2]	
								[==>(Pattern 2)]		
								[==>(Pattern 3)]		

Orbit Structure

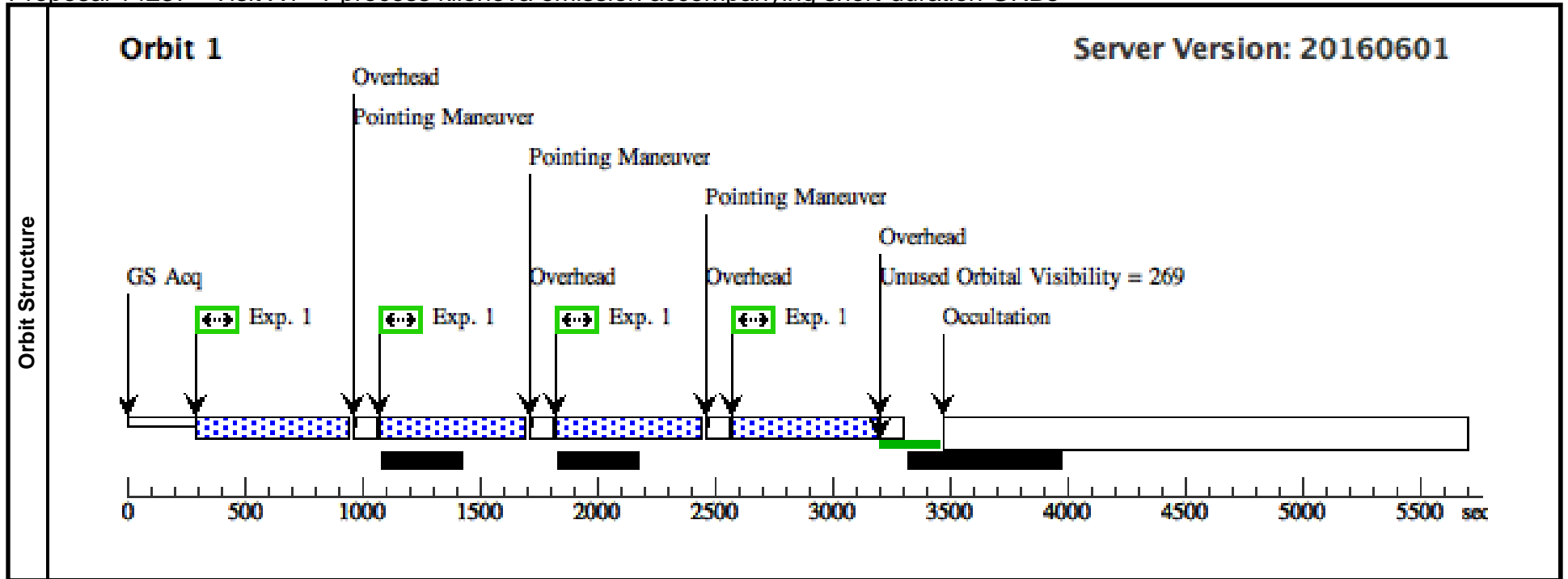




Proposal 14237 - Visit X1 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

Visit	Proposal 14237, Visit X1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT 50D TO 130 D; ON HOLD ; TOO RESPONSE TIME 6.0D <i>On Hold Comments: Awaiting trigger</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(3)		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)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	GRB160821B	RA: 18 39 54.5600 (279.9773333d) Dec: +62 23 30.50 (62.39181d) Equinox: J2000				V=25+/-2	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(2) GRB160821B	(2) GRB160821B	WFC3/UVIS, ACCUM, UVIS2	F606W		POS TARG -60,-30	Pattern 3, Exps 1-1 in Visit X1 (3)	700 Secs (2484 Secs) [==>621.0 Secs (Pattern 1)] [==>621.0 Secs (Pattern 2)] [==>621.0 Secs (Pattern 3)] [==>621.0 Secs (Pattern 4)]		[1]



Proposal 14237 - Visit X2 - r-process kilonova emission accompanying short-duration GRBs

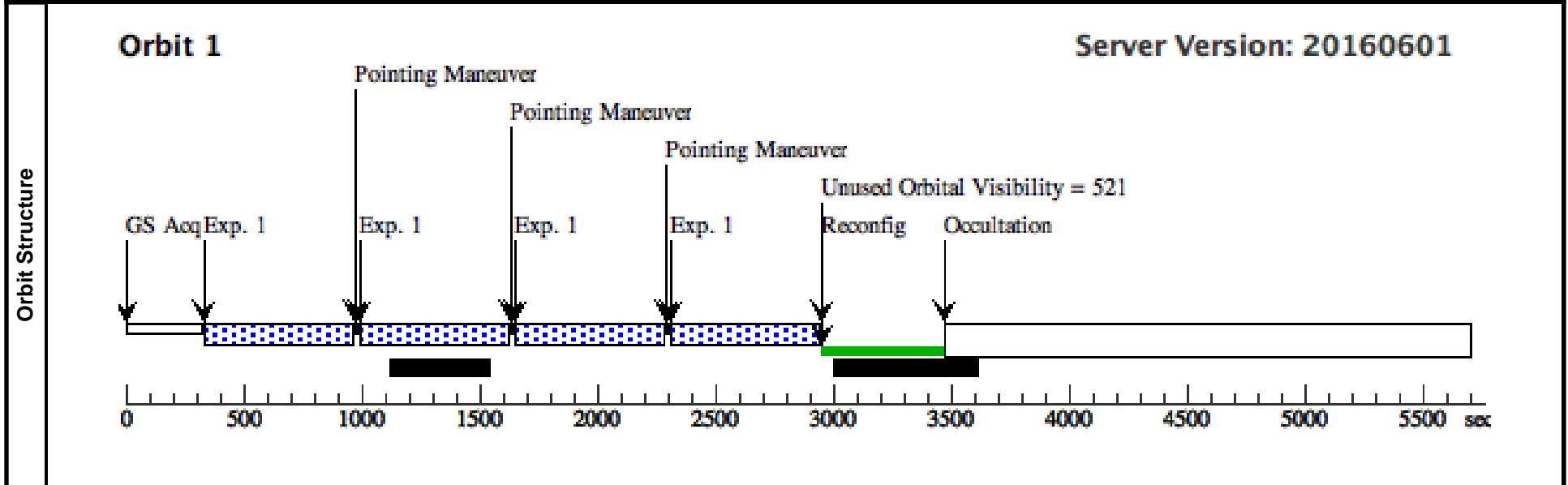
Wed Nov 09 15:54:53 GMT 2016

Visit	Proposal 14237, Visit X2, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SAME ORIENT AS X1; ON HOLD <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)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GRB160821B	RA: 18 39 54.5600 (279.9773333d) Dec: +62 23 30.50 (62.39181d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB160821B	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=12		Pattern 1, Exps 1-1 in Visit X2 (1)	599.232292 Secs (2396.929 Secs)	[1]
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	



Proposal 14237 - Visit X3 - r-process kilonova emission accompanying short-duration GRBs

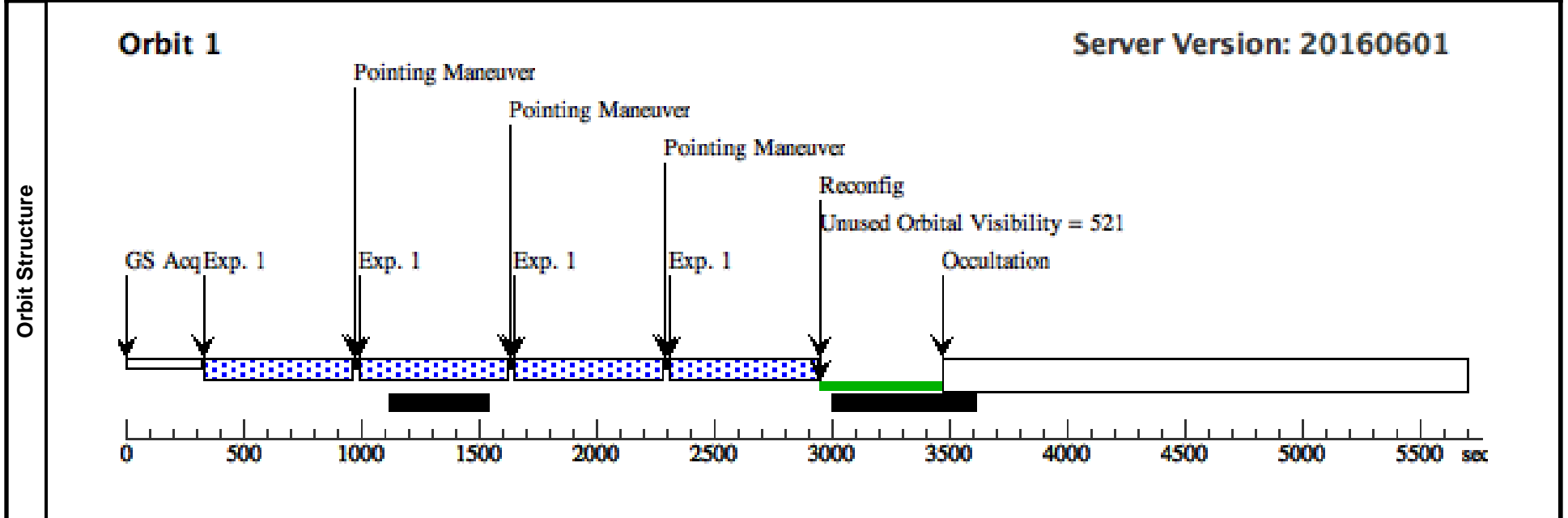
Wed Nov 09 15:54:53 GMT 2016

Visit	Proposal 14237, Visit X3, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SAME ORIENT AS X1; ON HOLD <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)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GRB160821B	RA: 18 39 54.5600 (279.9773333d) Dec: +62 23 30.50 (62.39181d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS

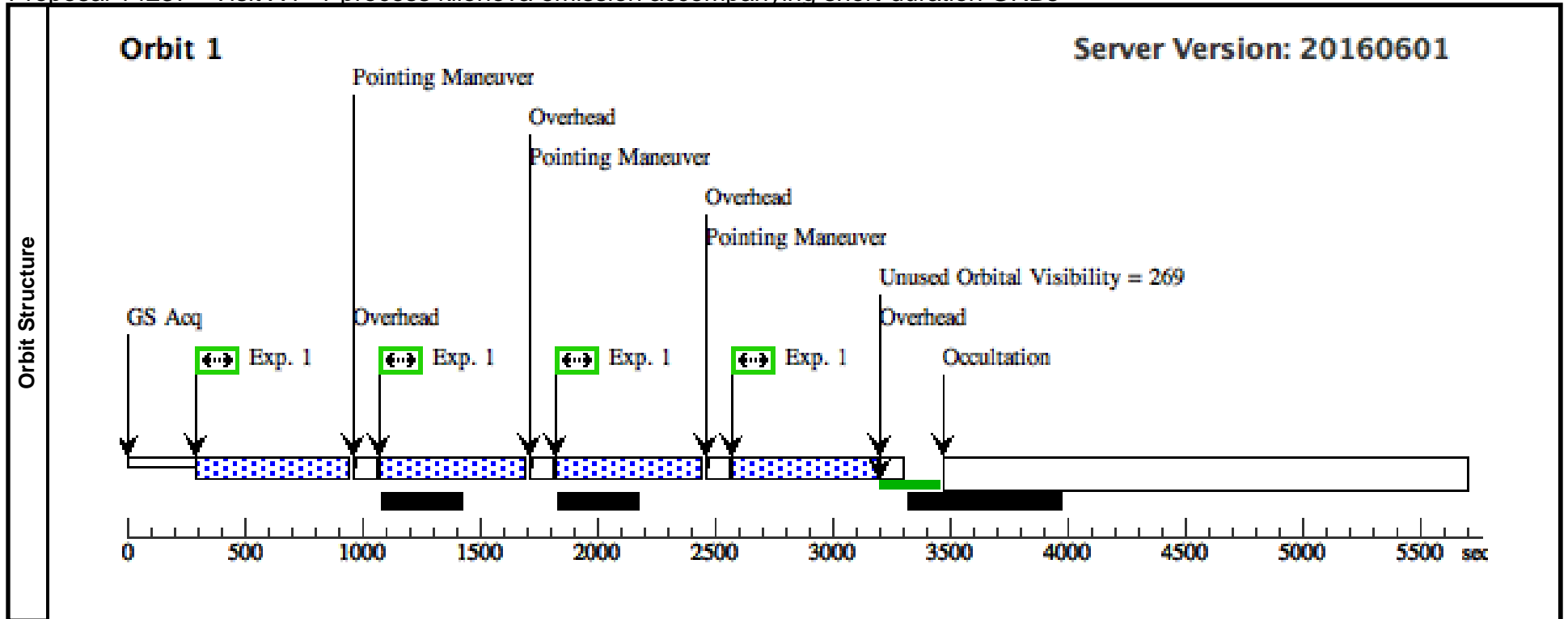
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB160821B	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=STEP100; NSAMP=12		Pattern 1, Exps 1-1 in Visit X3 (1)	599.232292 Secs (2396.929 Secs)	[1]
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	



Proposal 14237 - Visit X4 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:53 GMT 2016

Visit	Proposal 14237, Visit X4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS X1; ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(3)		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)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB160821B	RA: 18 39 54.5600 (279.9773333d) Dec: +62 23 30.50 (62.39181d) Equinox: J2000				V=25+/-2		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(2) GRB160821B	(2) GRB160821B	WFC3/UVIS, ACCUM, UVIS2	F606W		POS TARG -60,-30	Pattern 3, Exps 1-1 in Visit X4 (3)	700 Secs (2484 Secs) [==>621.0 Secs (Pattern 1)] [==>621.0 Secs (Pattern 2)] [==>621.0 Secs (Pattern 3)] [==>621.0 Secs (Pattern 4)]		[1]



Proposal 14237 - Visit X5 - r-process kilonova emission accompanying short-duration GRBs

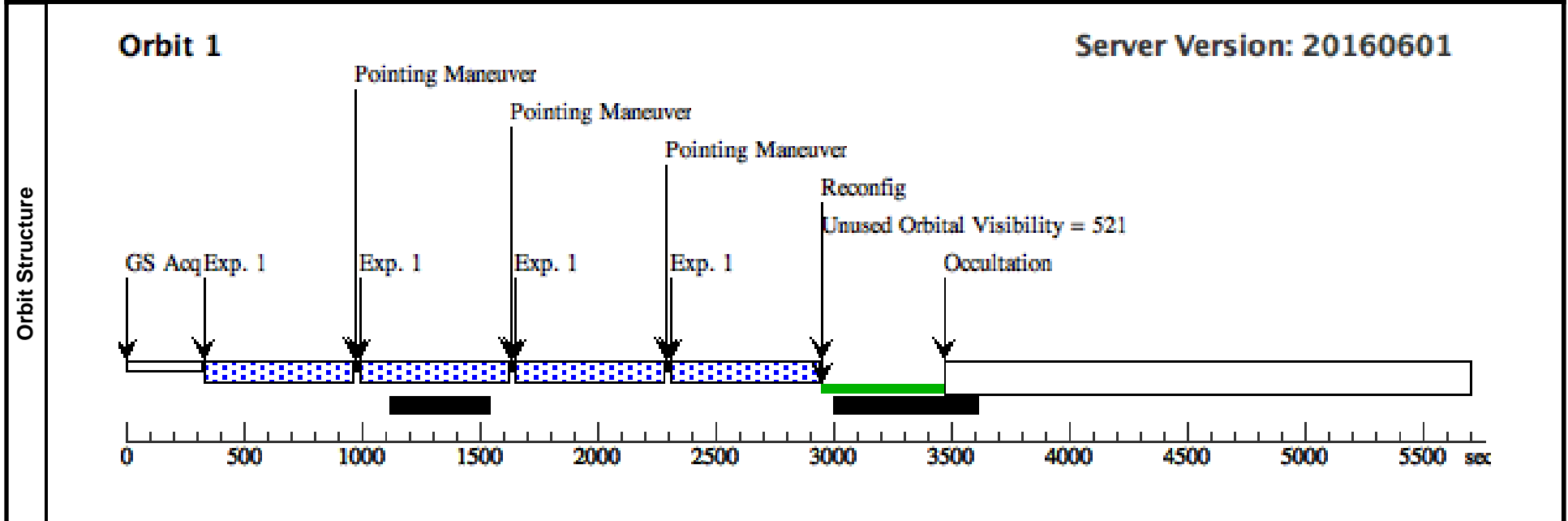
Wed Nov 09 15:54:54 GMT 2016

Visit	Proposal 14237, Visit X5, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SAME ORIENT AS X1; ON HOLD <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	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GRB160821B	RA: 18 39 54.5600 (279.9773333d) Dec: +62 23 30.50 (62.39181d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB160821B	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=12			Pattern 1, Exps 1-1 in Visit X5 (1)	599.232292 Secs (2396.929 Secs)



Proposal 14237 - Visit X6 - r-process kilonova emission accompanying short-duration GRBs

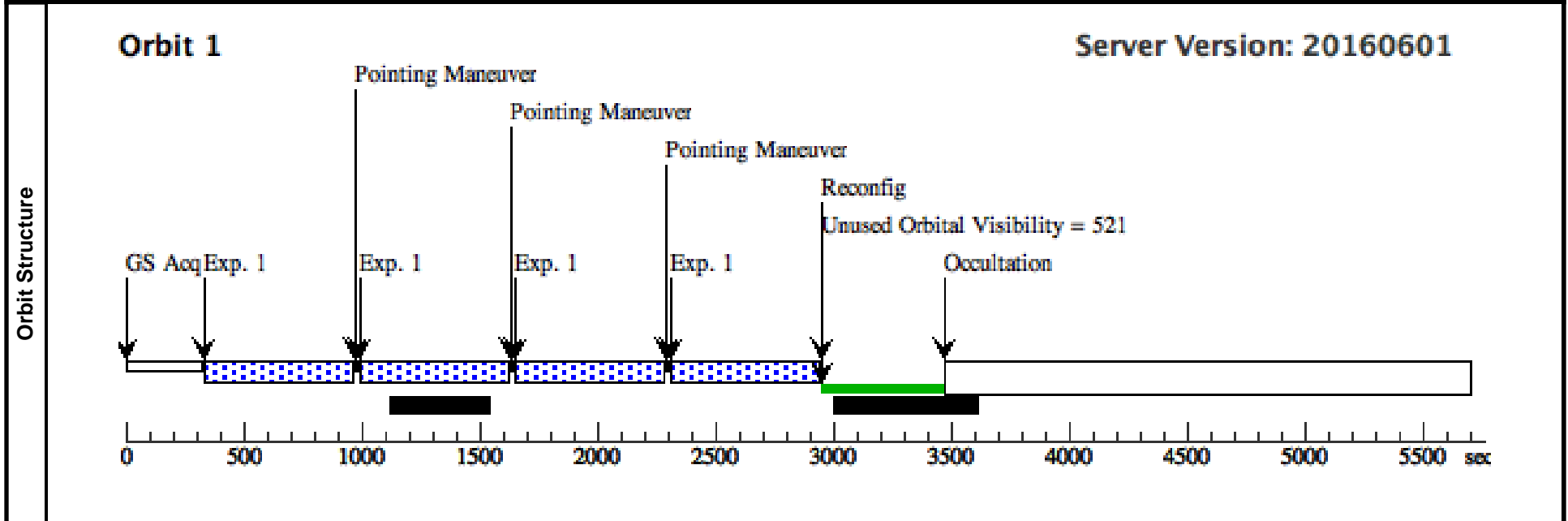
Wed Nov 09 15:54:54 GMT 2016

Visit	Proposal 14237, Visit X6, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SAME ORIENT AS X1; ON HOLD <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	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GRB160821B	RA: 18 39 54.5600 (279.9773333d) Dec: +62 23 30.50 (62.39181d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS

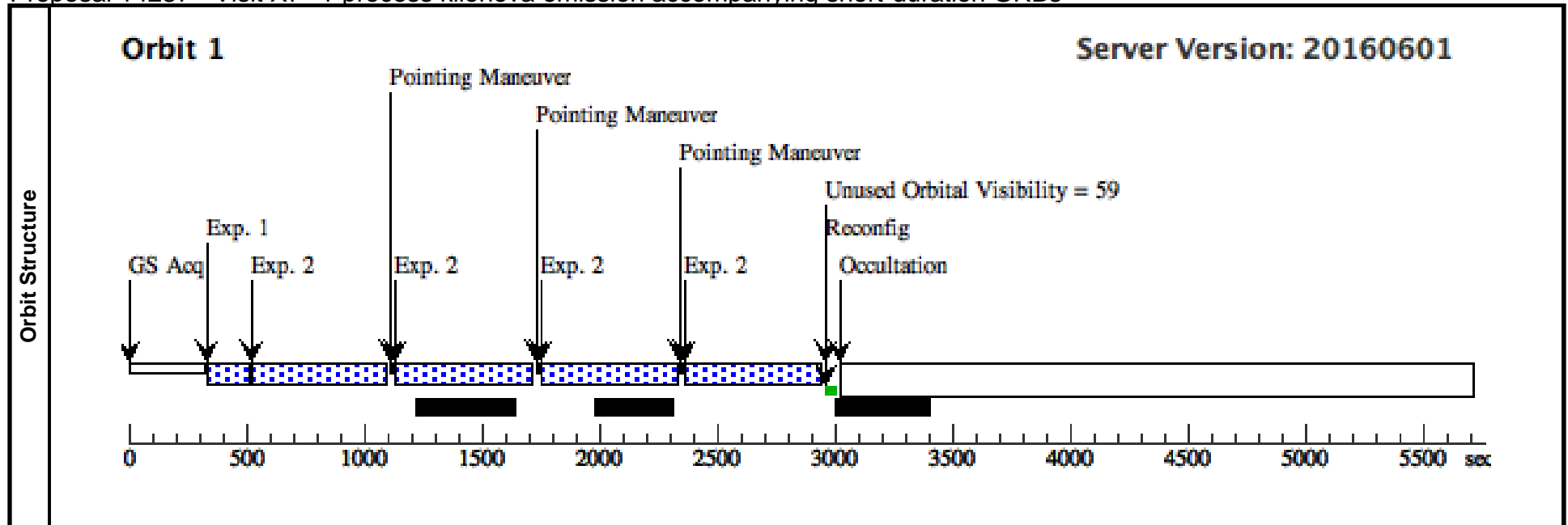
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB160821B	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=STEP100; NSAMP=12			Pattern 1, Exps 1-1 in Visit X6 (1)	599.232292 Secs (2396.929 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]



Proposal 14237 - Visit X7 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:54 GMT 2016

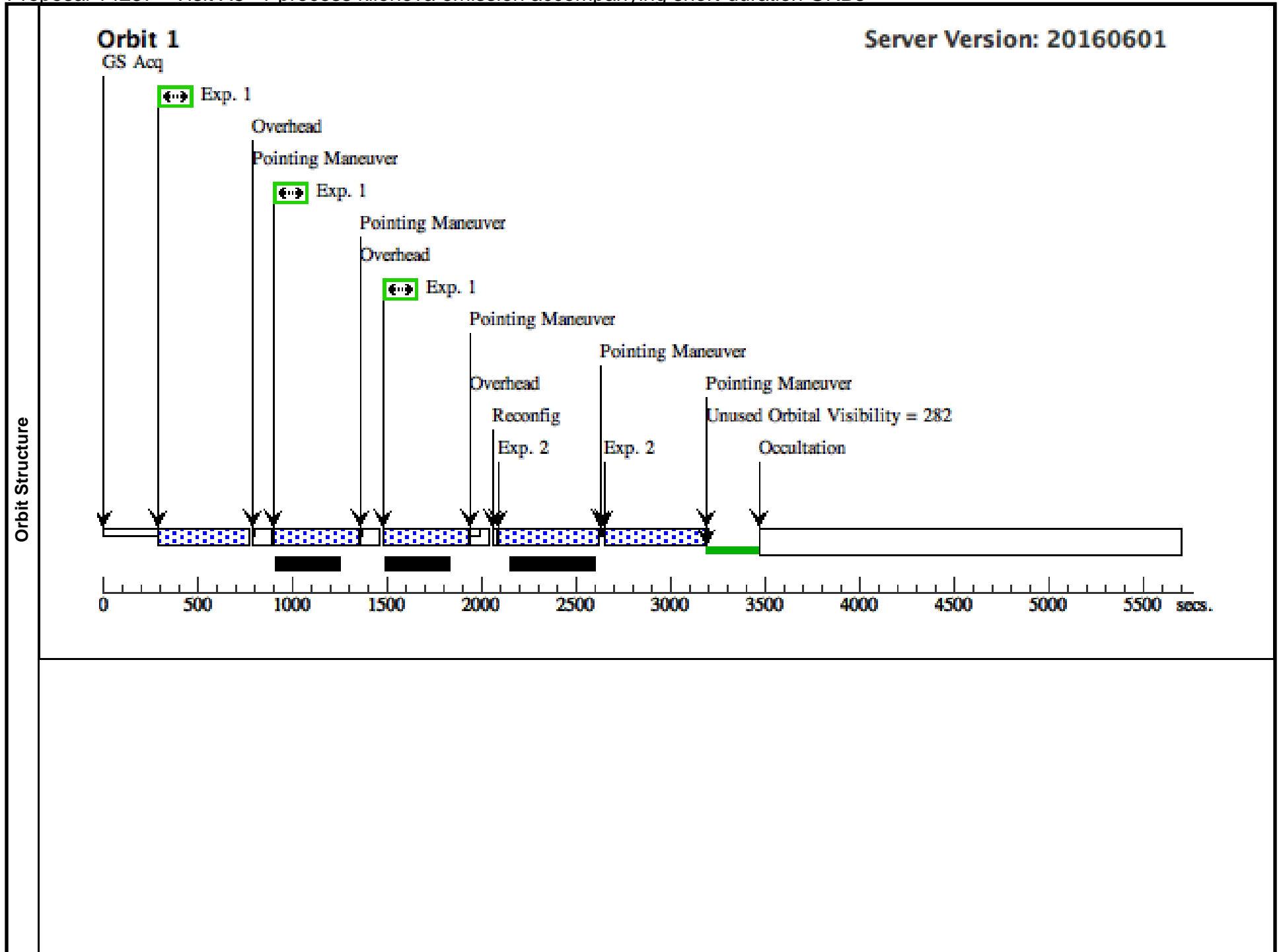
Visit	Proposal 14237, Visit X7, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; SAME ORIENT AS X1; ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN 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				(2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	GRB160821B	RA: 18 39 54.5600 (279.9773333d) Dec: +62 23 30.50 (62.39181d) Equinox: J2000			V=25+/-2	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) GRB160821B	(2) GRB160821B	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=4; SAMP-SEQ=SPAR S50			152.933644 Secs (152.934 Secs) [==>]	[1]
	2	(2) GRB160821B	(2) GRB160821B	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 1, Exps 2-2 in Visit X7 (1)	552.937252 Secs (2211.749 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

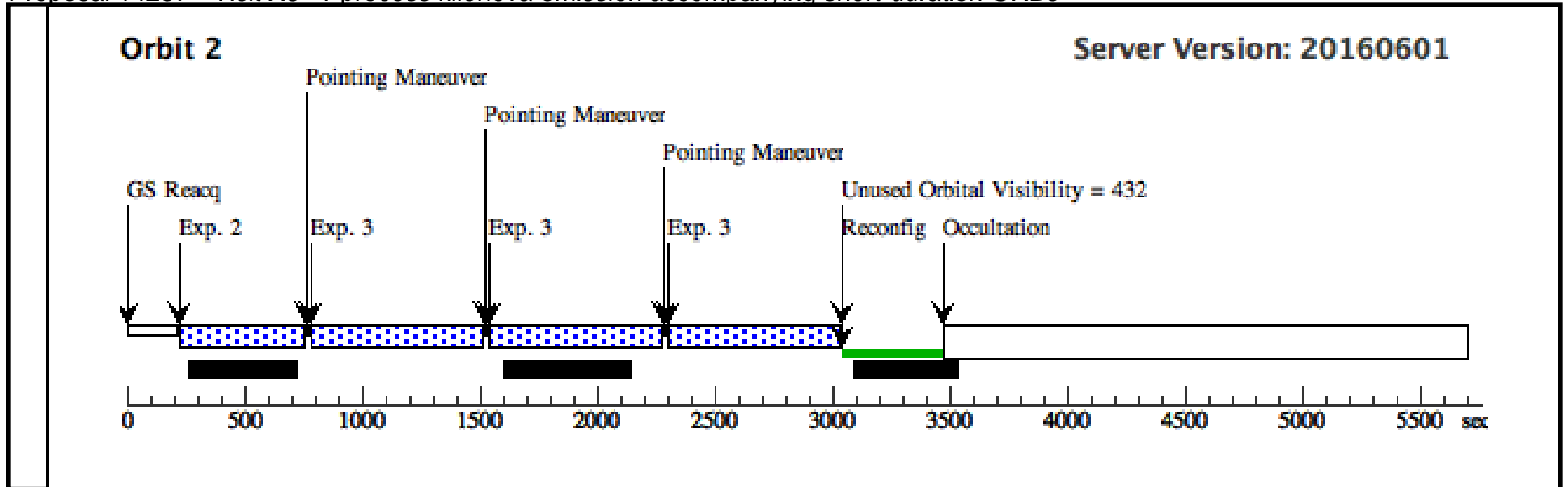


Proposal 14237 - Visit X8 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:54 GMT 2016

Visit	Proposal 14237, Visit X8, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SAME ORIENT AS X1; ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(4)	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=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		(2), (3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	GRB160821B	RA: 18 39 54.5600 (279.9773333d) Dec: +62 23 30.50 (62.39181d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB160821B	WFC3/UVIS, ACCUM, UVIS2	F606W		POS TARG -60,-30	Pattern 4, Exps 1-1 in Visit X8 (4)	450 Secs (1350 Secs)	
									[=>(Pattern 1)]	[1]
									[=>(Pattern 2)]	
2		(2) GRB160821B	WFC3/IR, MULTIACCUM, IR	F110W		SAMP-SEQ=STEP100; NSAMP=11		Pattern 5, Exps 2-2 in Visit X8 (5)	499.231969 Secs (1497.696 Secs)	
									[=>(Pattern 1)]	[1]
									[=>(Pattern 2)]	[2]
3		(2) GRB160821B	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=13; SAMP-SEQ=STEP100		Pattern 5, Exps 3-3 in Visit X8 (5)	699.232615 Secs (2097.698 Secs)	
									[=>(Pattern 1)]	[2]
									[=>(Pattern 2)]	
									[=>(Pattern 3)]	

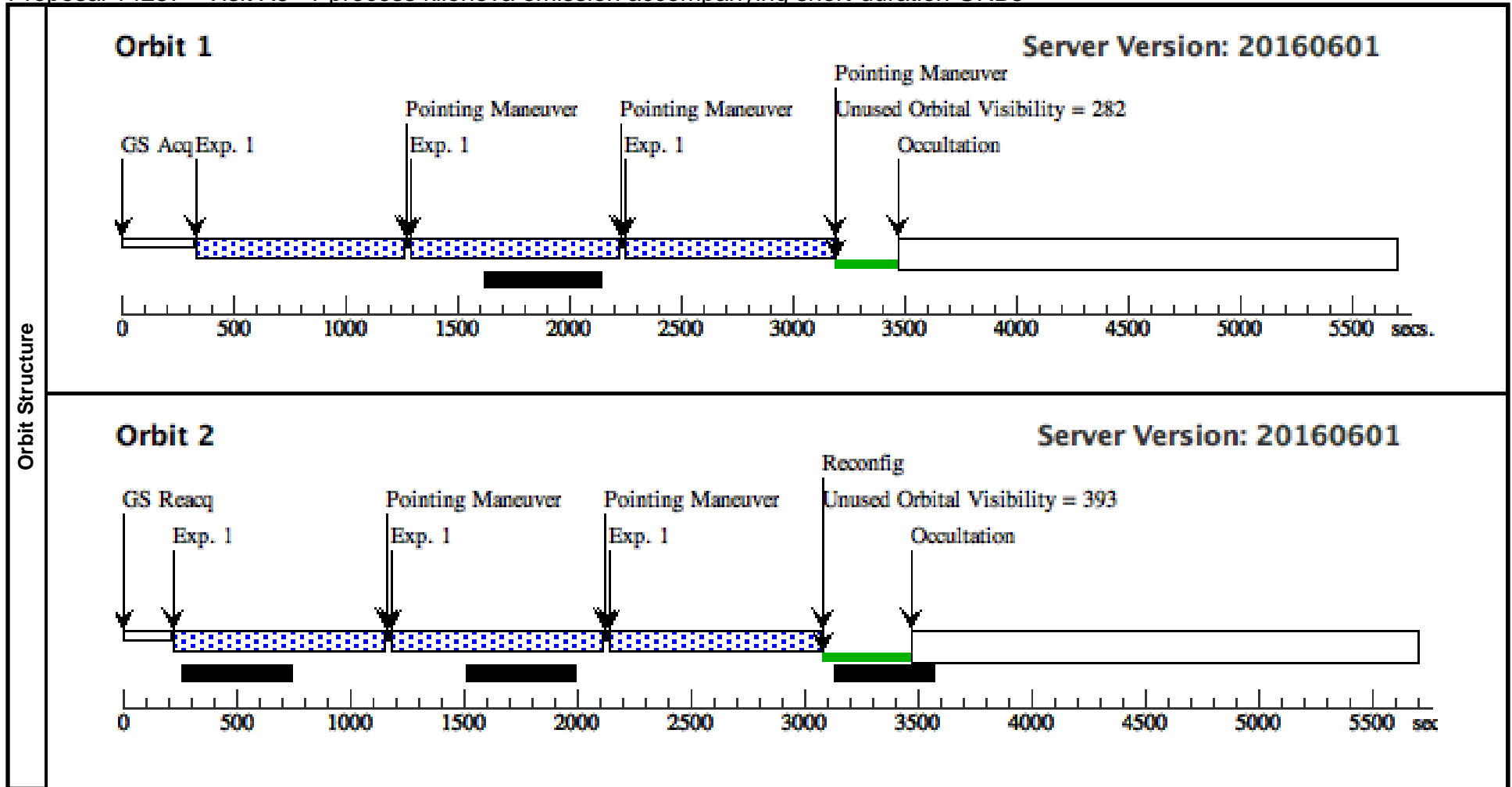




Proposal 14237 - Visit X9 - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:54 GMT 2016

Visit	Proposal 14237, Visit X9 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.474 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false	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)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	GRB160821B	RA: 18 39 54.5600 (279.9773333d) Dec: +62 23 30.50 (62.39181d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB160821B	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=STEP100; NSAMP=15		Pattern 2, Exps 1-1 in Visit X9 (2)	899.233261 Secs (5395.4 Secs)	
									[=>(Pattern 1,1)]	
									[=>(Pattern 1,2)]	[1]
									[=>(Pattern 1,3)]	
									[=>(Pattern 2,1)]	
									[=>(Pattern 2,2)]	[2]
									[=>(Pattern 2,3)]	



Proposal 14237 - Visit XA - r-process kilonova emission accompanying short-duration GRBs

Wed Nov 09 15:54:54 GMT 2016

Visit	Proposal 14237, Visit XA		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(3)	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	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GRB160821B	RA: 18 39 54.5600 (279.9773333d) Dec: +62 23 30.50 (62.39181d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB160821B	WFC3/UVIS, ACCUM, UVIS2	F606W		POS TARG -60,-30	Pattern 3, Exps 1-1 in Visit XA (3)	700 Secs (2752 Secs) [=>688.0 Secs (Pattern 1)] [=>688.0 Secs (Pattern 2)] [=>688.0 Secs (Pattern 3)] [=>688.0 Secs (Pattern 4)]	[1]

