



15510 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Cycle: 26, 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>
F1	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:24.0	yes
F2	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:25.0	yes
F3	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:27.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
F4	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:28.0	yes
F5	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:29.0	yes
F6	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:30.0	yes
F7	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:31.0	yes
F8	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:33.0	yes
F9	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:34.0	yes
F0	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:35.0	yes
G1	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:00:36.0	yes
G2	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:00:37.0	yes
G3	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:38.0	yes
G4	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:39.0	yes
G5	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:40.0	yes
G6	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:41.0	yes
K3	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:42.0	yes
K4	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:43.0	yes
K5	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:44.0	yes
K6	(2) GRB190829A	WFC3/IR	2	18-Nov-2019 15:00:45.0	yes
I1	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:00:46.0	yes
I2	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:00:47.0	yes
I3	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:00:48.0	yes
I4	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:00:49.0	yes
I5	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:00:50.0	yes
I6	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:00:51.0	yes
I7	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:00:52.0	yes
I8	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:00:53.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
I9	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:00:53.0	yes
IA	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:00:54.0	yes
IB	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:00:54.0	yes
16	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:00:55.0	yes
O1	(1) SGRB1	WFC3/UVIS	1	18-Nov-2019 15:00:55.0	yes
O2	(1) SGRB1	WFC3/UVIS	1	18-Nov-2019 15:00:56.0	yes
P5	(2) GRB190829A	WFC3/UVIS	1	18-Nov-2019 15:00:56.0	yes
P6	(2) GRB190829A	WFC3/UVIS	1	18-Nov-2019 15:00:57.0	yes
O3	(1) SGRB1	WFC3/UVIS	1	18-Nov-2019 15:00:58.0	yes
O4	(1) SGRB1	WFC3/UVIS	1	18-Nov-2019 15:00:58.0	yes
H1	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:00:59.0	yes
H2	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:01:00.0	yes
H3	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:01:00.0	yes
H4	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:01:01.0	yes
J1	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:01:02.0	yes
26	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:01:03.0	yes
J3	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:01:04.0	yes
J4	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:01:05.0	yes
J5	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:01:06.0	yes
J6	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:01:07.0	yes
J7	(1) SGRB1	WFC3/IR	2	18-Nov-2019 15:01:08.0	yes
J8	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:01:09.0	yes
J9	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:01:09.0	yes
JA	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:01:10.0	yes
JB	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:01:10.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
JC	(1) SGRB1	WFC3/IR	1	18-Nov-2019 15:01:11.0	yes
P1	(1) SGRB1	WFC3/UVIS	1	18-Nov-2019 15:01:11.0	yes
P2	(1) SGRB1	WFC3/UVIS	1	18-Nov-2019 15:01:12.0	yes
P3	(1) SGRB1	WFC3/UVIS	1	18-Nov-2019 15:01:12.0	yes
P4	(1) SGRB1	WFC3/UVIS	1	18-Nov-2019 15:01:13.0	yes
C1	(1) SGRB1	WFC3/IR WFC3/UVIS	2	18-Nov-2019 15:01:14.0	yes
D1	(1) SGRB1	WFC3/IR WFC3/UVIS	2	18-Nov-2019 15:01:15.0	yes
AA	(2) GRB190829A	ACS/WFC	1	18-Nov-2019 15:01:16.0	yes

93 Total Orbits Used

ABSTRACT

Our HST observations of the short-duration gamma-ray burst GRB130603B showed an infrared excess, about a week (rest-frame) after the burst, consistent with expectations from models of an emerging 'kilonova' (aka. 'macronova') driven by the radioactive decay of newly-synthesised r-process elements. This directly supports the compact object merger hypothesis for short-GRBs, in which the merger produces ultrarelativistic jets and ejected neutron star material powers a radioactive transient, with high opacity shifting the emission into the IR. If confirmed in future events, this discovery also provides evidence for a quasi-isotropic, electromagnetic signature of a prime target for gravitational wave (GW) detection by aLIGO/AdV, 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 diversity of these events is hardly constrained; their luminosity is expected to depend on the ejecta mass and velocity, and may be enhanced by ongoing energy input from the compact remnant. Theoretical models predict a wide range of behaviour, dependent on binary parameters, but are limited by uncertainties in the complex physics. We need to establish kilonova properties empirically, to inform searches of GW error boxes, test the models, and quantify their contribution to the heavy element nucleosynthesis budget. Suitable SGRB targets are rare, so intensive followup of any that occur is critical. We propose ToO observations (continuing our c23/24 campaign) of up to two $z < 0.35$ SGRBs localised during cycle 25/26 to search for and characterise more fully any 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 useage 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

Proposal 15510 (STScI Edit Number: 0, Created: Monday, November 18, 2019 at 3:01:16 PM Eastern Standard Time) - Overview

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 O1/P1: 1 orbit F475W

Visit O2/P2: 1 orbit F606W

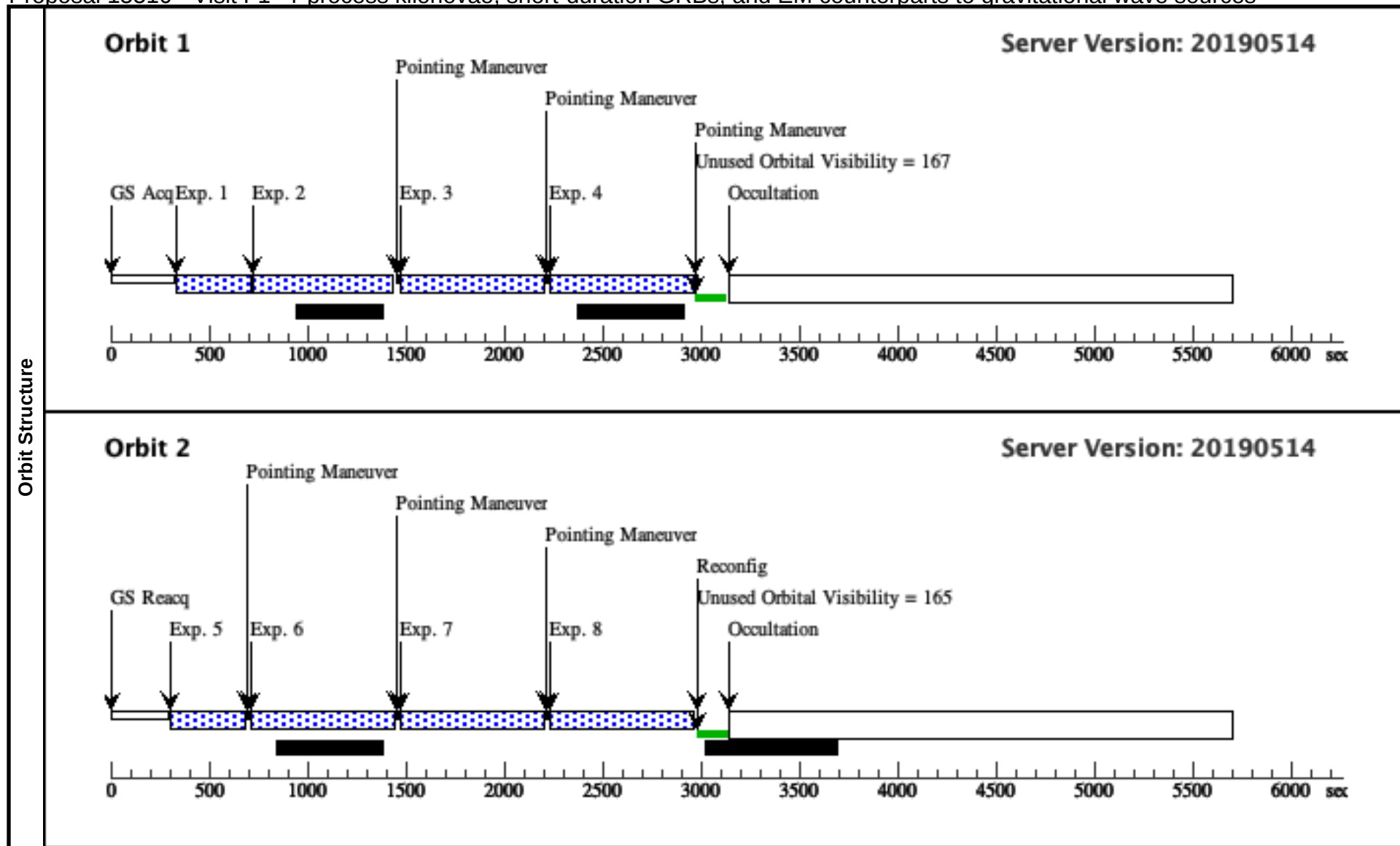
Visit O3/P3: 1 orbit F814W

Visit O4/P4: 1 orbit F850LP

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

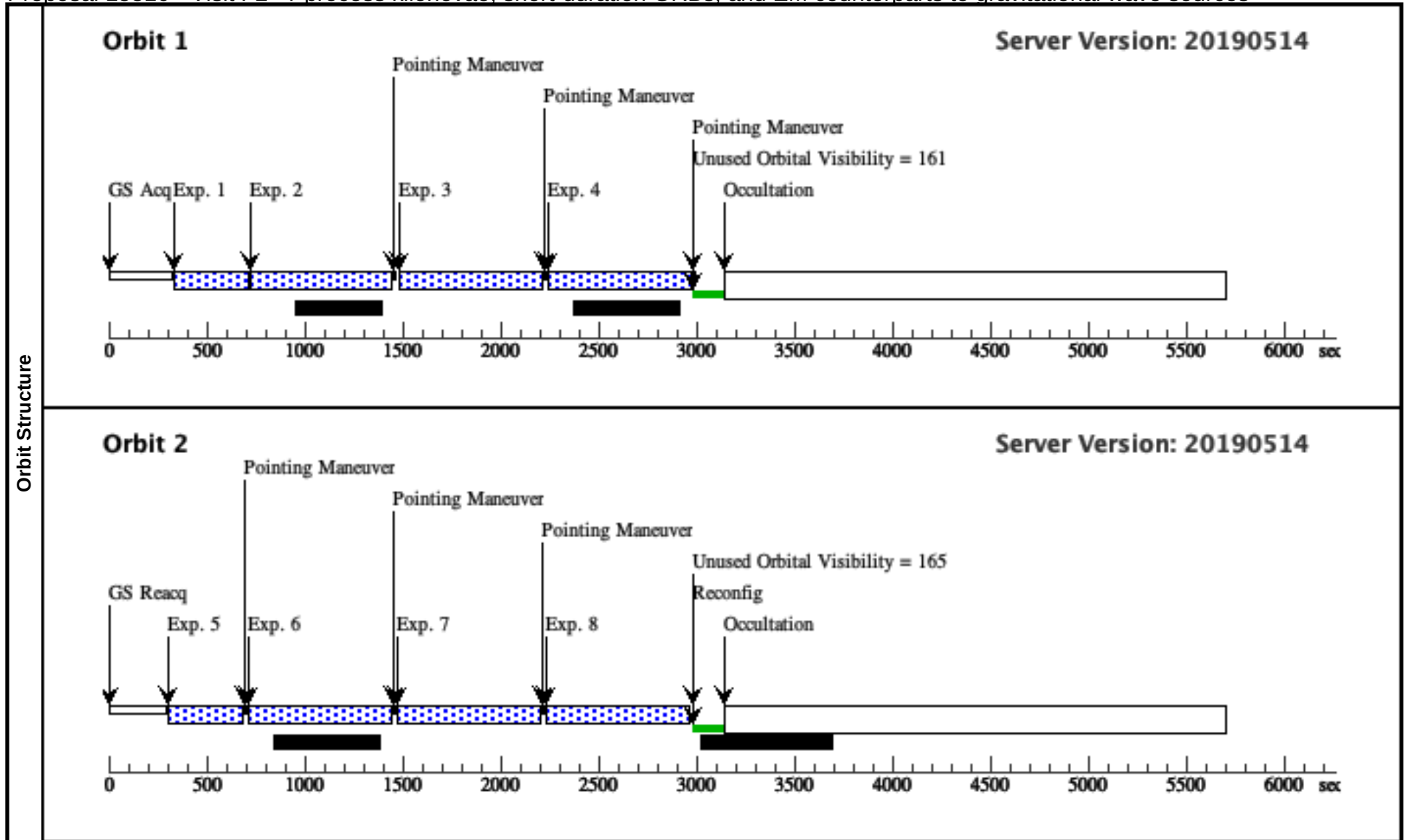
Proposal 15510 - Visit F1 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit F1, withdrawn								Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: BETWEEN 15-NOV-2019:00:00:00 AND 30-NOV-2019:00:00:00									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000			V=22+/-2		Reference Frame: ICRS		
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=12; SAMP-SEQ=STEP50		Sequence 1-4 Non-Int in Visit F1	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 0,0	Sequence 1-4 Non-Int in Visit F1	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 1.353,1.209	Sequence 1-4 Non-Int in Visit F1	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 2.706,2.418	Sequence 1-4 Non-Int in Visit F1	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG 0,0	Sequence 5-8 Non-Int in Visit F1	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 1.017,0.363	Sequence 5-8 Non-Int in Visit F1	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 2.37,1.572	Sequence 5-8 Non-Int in Visit F1	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 3.723,2.784	Sequence 5-8 Non-Int in Visit F1	699.232615 Secs (699.233 Secs) [==>]	[2]



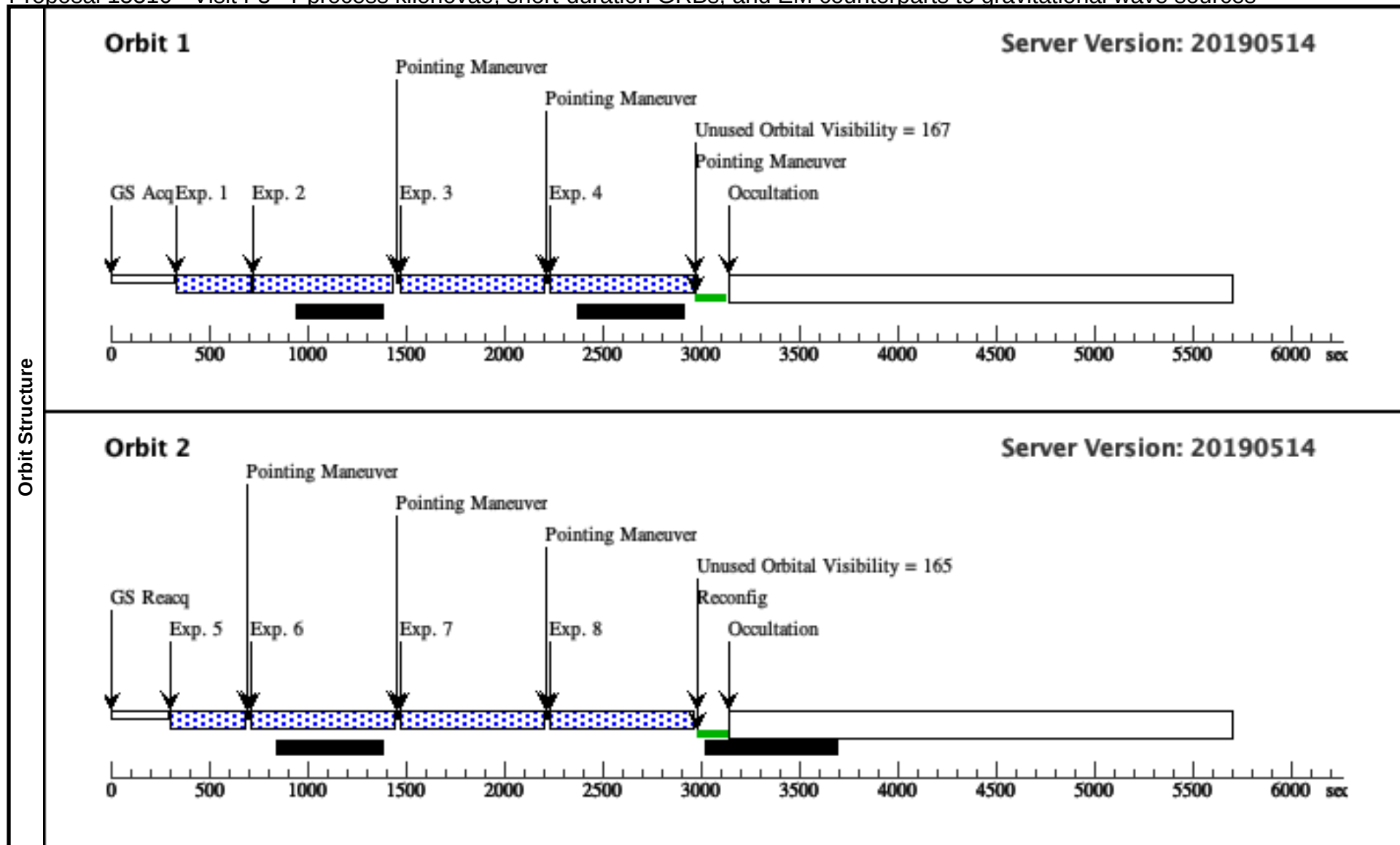
Proposal 15510 - Visit F2 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit F2, withdrawn								Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: GROUP F2,F1 WITHIN 2D									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000 Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]			V=22+/-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) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50		Sequence 1-4 Non-Int in Visit F2	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 0,0	Sequence 1-4 Non-Int in Visit F2	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 1.353,1.209	Sequence 1-4 Non-Int in Visit F2	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 2.706,2.418	Sequence 1-4 Non-Int in Visit F2	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG 0,0	Sequence 5-8 Non-Int in Visit F2	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 1.017,0.363	Sequence 5-8 Non-Int in Visit F2	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 2.37,1.572	Sequence 5-8 Non-Int in Visit F2	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 3.723,2.784	Sequence 5-8 Non-Int in Visit F2	699.232615 Secs (699.233 Secs) [==>]	[2]



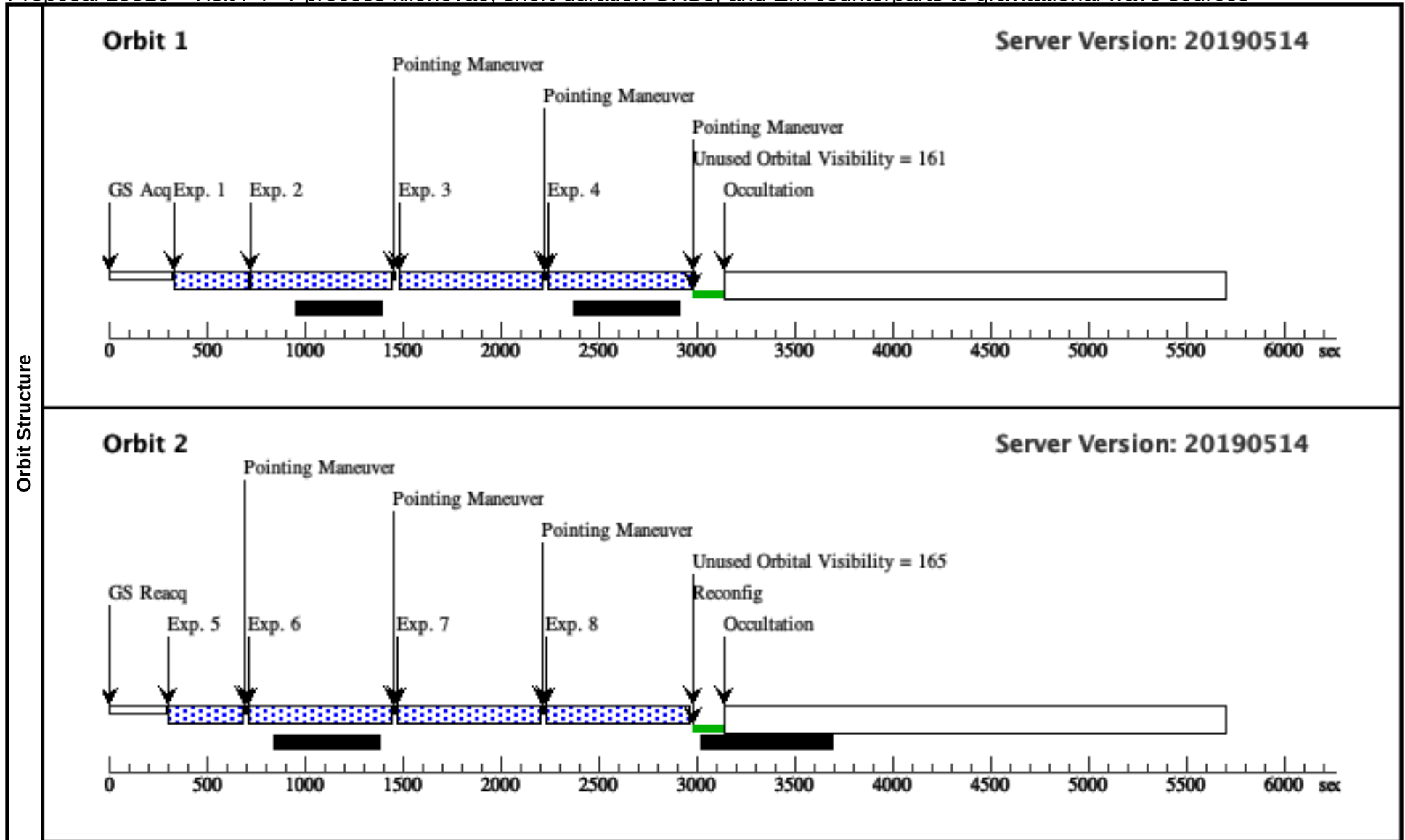
Proposal 15510 - Visit F3 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit F3, withdrawn								Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: BETWEEN 15-NOV-2019:00:00:00 AND 30-NOV-2019:00:00:00									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000 Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]			V=22+/-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) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.611 113946018116	Sequence 1-4 Non-Int in Visit F3	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -28.613 66496118098,-32.611 113946018116	Sequence 1-4 Non-Int in Visit F3	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.260 66496118098,-31.402 1139460181157	Sequence 1-4 Non-Int in Visit F3	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -25.907 66496118098,-30.193 1139460181158	Sequence 1-4 Non-Int in Visit F3	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.611 113946018116	Sequence 5-8 Non-Int in Visit F3	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.596 66496118098,-32.248 813946018116	Sequence 5-8 Non-Int in Visit F3	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -26.243 66496118098,-31.039 9139460181158	Sequence 5-8 Non-Int in Visit F3	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -24.890 66496118098,-29.827 7139460181158	Sequence 5-8 Non-Int in Visit F3	699.232615 Secs (699.233 Secs) [==>]	[2]



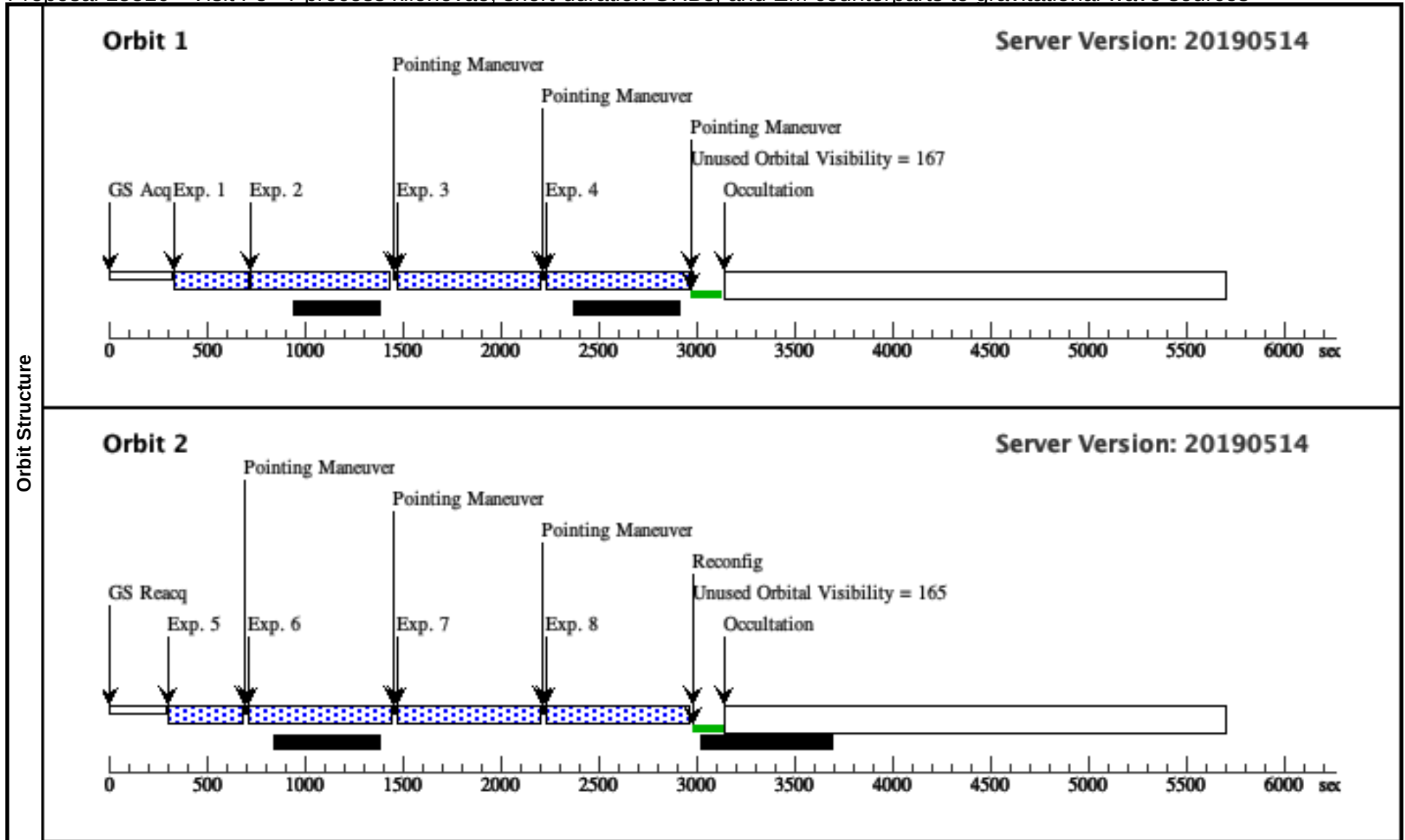
Proposal 15510 - Visit F4 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit F4, withdrawn								Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: GROUP F4,F3 WITHIN 2D									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000			V=22+/-2		Reference Frame: ICRS		
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.6113946018116	Sequence 1-4 Non-Int in Visit F4	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -28.613 66496118098,-32.6113946018116	Sequence 1-4 Non-Int in Visit F4	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.260 66496118098,-31.402139460181157	Sequence 1-4 Non-Int in Visit F4	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -25.907 66496118098,-30.193139460181158	Sequence 1-4 Non-Int in Visit F4	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.6113946018116	Sequence 5-8 Non-Int in Visit F4	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.596 66496118098,-32.24813946018116	Sequence 5-8 Non-Int in Visit F4	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -26.243 66496118098,-31.039139460181158	Sequence 5-8 Non-Int in Visit F4	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -24.890 66496118098,-29.827139460181158	Sequence 5-8 Non-Int in Visit F4	699.232615 Secs (699.233 Secs) [==>]	[2]



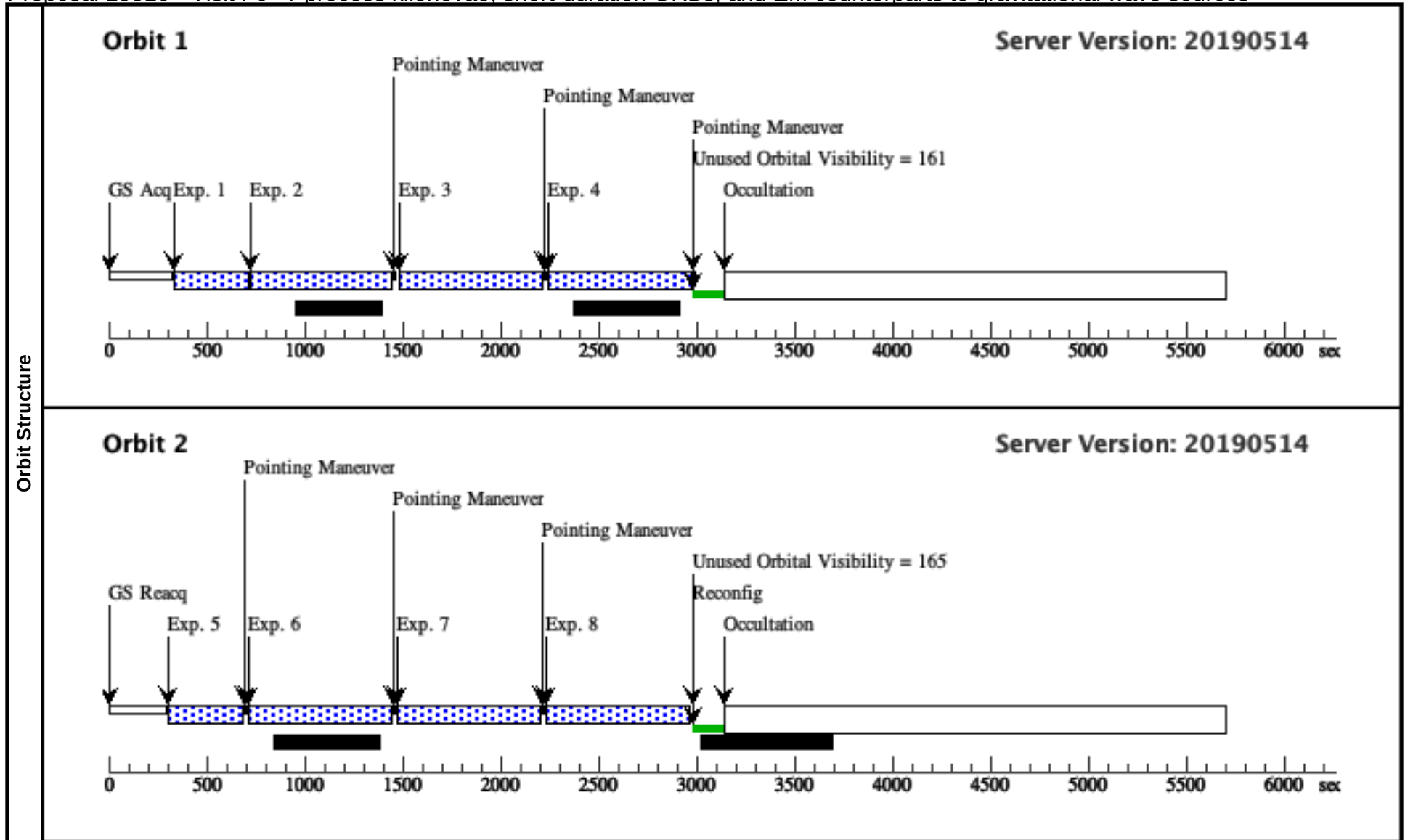
Proposal 15510 - Visit F5 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit F5, withdrawn								Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: BETWEEN 15-NOV-2019:00:00:00 AND 30-NOV-2019:00:00:00									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000			V=22+/-2		Reference Frame: ICRS		
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG 24.7370 10331992643,-41.02 932900979184	Sequence 1-4 Non-Int in Visit F5	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 24.7370 10331992643,-41.02 932900979184	Sequence 1-4 Non-Int in Visit F5	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 26.0900 10331992644,-39.82 0329009791834	Sequence 1-4 Non-Int in Visit F5	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 27.4430 10331992642,-38.61 132900979183	Sequence 1-4 Non-Int in Visit F5	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG 24.7370 10331992643,-41.02 932900979184	Sequence 5-8 Non-Int in Visit F5	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 25.7540 10331992646,-40.66 632900979184	Sequence 5-8 Non-Int in Visit F5	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 27.1070 10331992644,-39.45 7329009791835	Sequence 5-8 Non-Int in Visit F5	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 28.4600 10331992645,-38.24 532900979183	Sequence 5-8 Non-Int in Visit F5	699.232615 Secs (699.233 Secs) [==>]	[2]



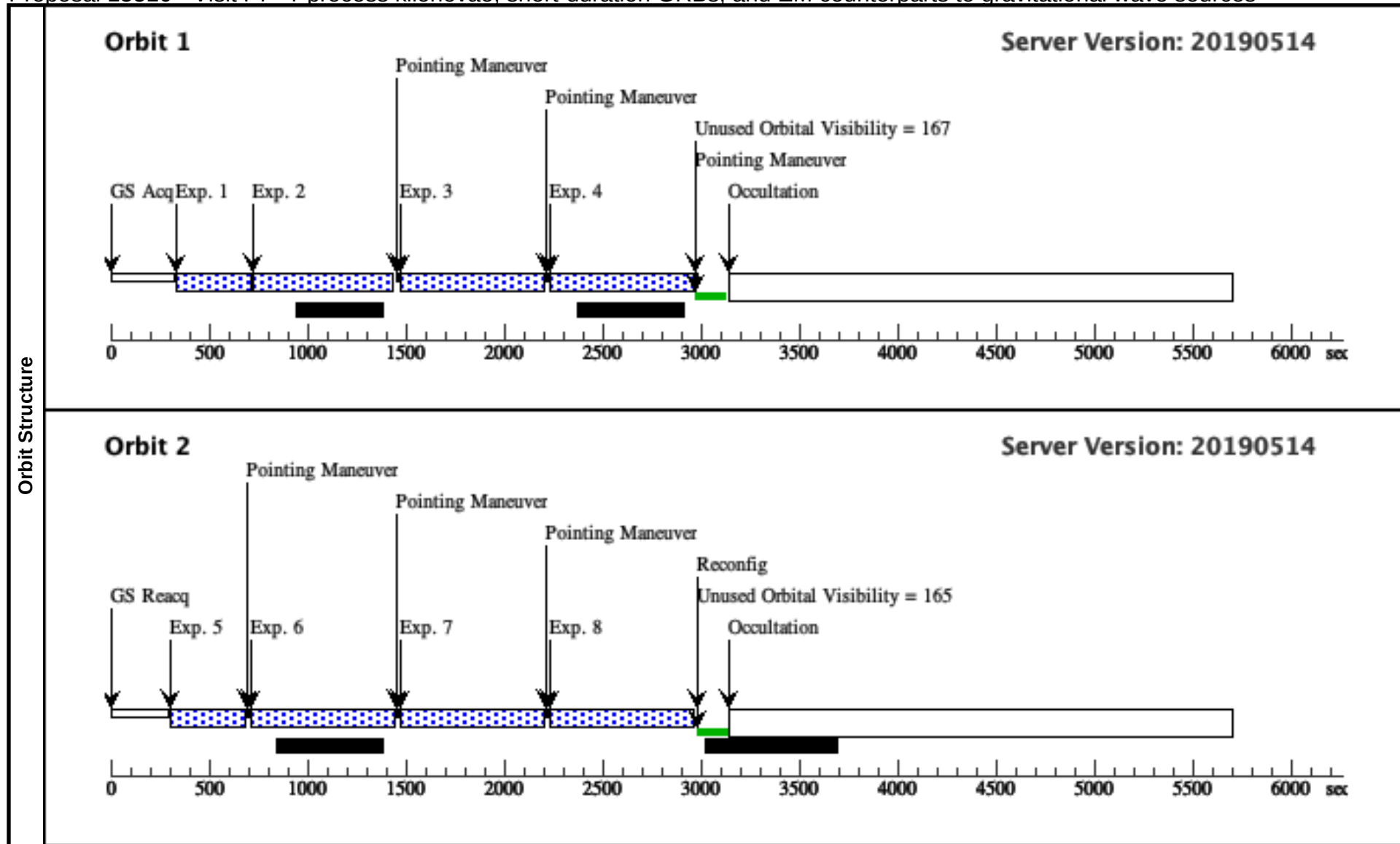
Proposal 15510 - Visit F6 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit F6, withdrawn								Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: GROUP F6,F5 WITHIN 2D									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000			V=22+/-2		Reference Frame: ICRS		
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG 24.7370 10331992643,-41.02 932900979184	Sequence 1-4 Non-Int in Visit F6	349.232932 Secs (349.233 Secs) [==>]	[1]
	2	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 24.7370 10331992643,-41.02 932900979184	Sequence 1-4 Non-Int in Visit F6	699.232615 Secs (699.233 Secs) [==>]	[1]
	3	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 26.0900 10331992644,-39.82 0329009791834	Sequence 1-4 Non-Int in Visit F6	699.232615 Secs (699.233 Secs) [==>]	[1]
	4	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 27.4430 10331992642,-38.61 132900979183	Sequence 1-4 Non-Int in Visit F6	699.232615 Secs (699.233 Secs) [==>]	[1]
	5	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG 24.7370 10331992643,-41.02 932900979184	Sequence 5-8 Non-Int in Visit F6	349.232932 Secs (349.233 Secs) [==>]	[2]
	6	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 25.7540 10331992646,-40.66 632900979184	Sequence 5-8 Non-Int in Visit F6	699.232615 Secs (699.233 Secs) [==>]	[2]
	7	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 27.1070 10331992644,-39.45 7329009791835	Sequence 5-8 Non-Int in Visit F6	699.232615 Secs (699.233 Secs) [==>]	[2]
	8	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 28.4600 10331992645,-38.24 532900979183	Sequence 5-8 Non-Int in Visit F6	699.232615 Secs (699.233 Secs) [==>]	[2]



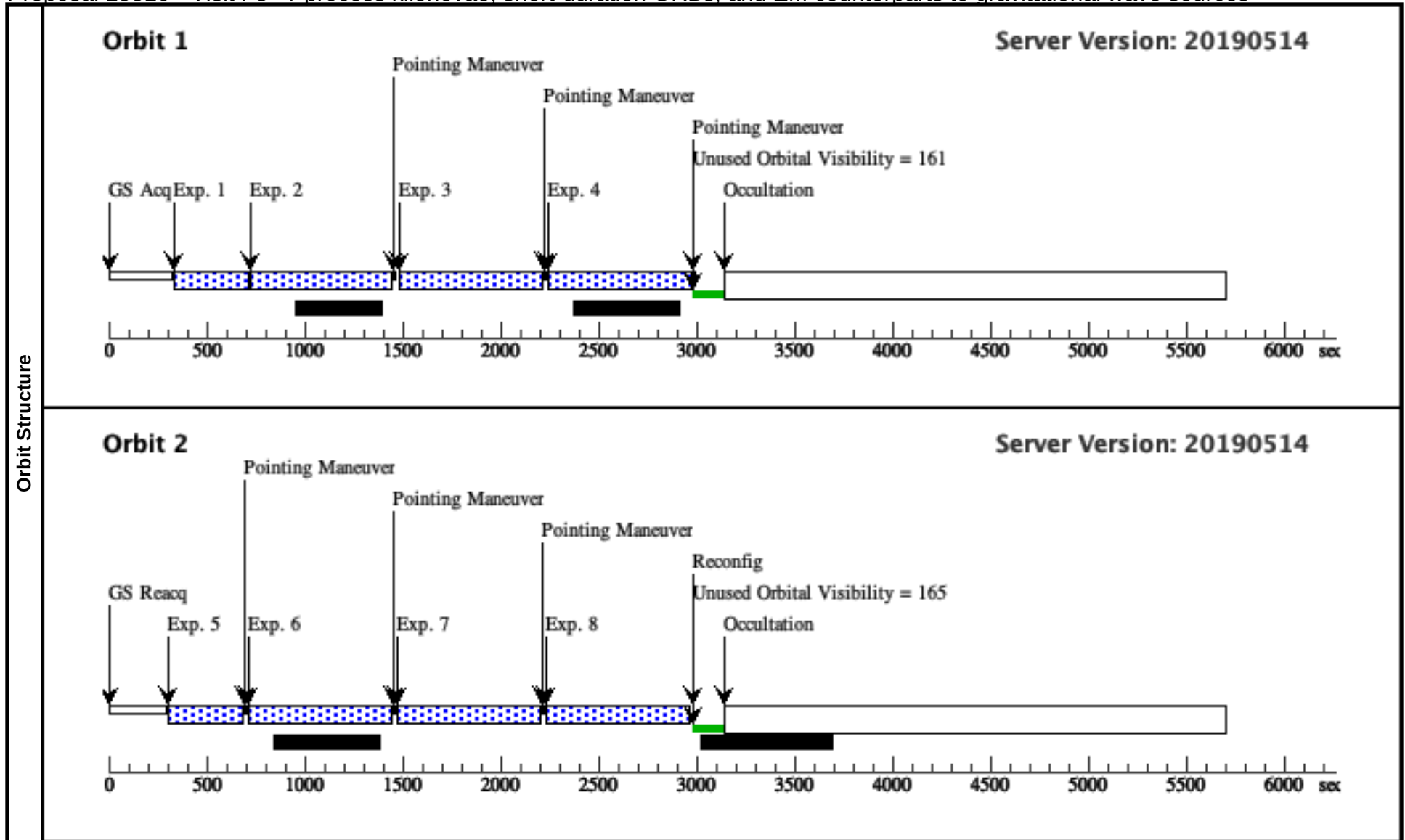
Proposal 15510 - Visit F7 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit F7, withdrawn								Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: BETWEEN 15-NOV-2019:00:00:00 AND 30-NOV-2019:00:00:00									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000 Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]			V=22+/-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) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG 25.4174 0234028375,31.1661 4301105997	Sequence 1-4 Non-Int in Visit F7	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 25.4174 0234028375,31.1661 4301105997	Sequence 1-4 Non-Int in Visit F7	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 26.7704 02340283752,32.375 14301105997	Sequence 1-4 Non-Int in Visit F7	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 28.1234 02340283754,33.584 14301105997	Sequence 1-4 Non-Int in Visit F7	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG 25.4174 0234028375,31.1661 4301105997	Sequence 5-8 Non-Int in Visit F7	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 26.4344 02340283754,31.529 14301105997	Sequence 5-8 Non-Int in Visit F7	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 27.7874 02340283755,32.738 14301105997	Sequence 5-8 Non-Int in Visit F7	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 29.1404 0234028375,33.9501 4301105997	Sequence 5-8 Non-Int in Visit F7	699.232615 Secs (699.233 Secs) [==>]	[2]



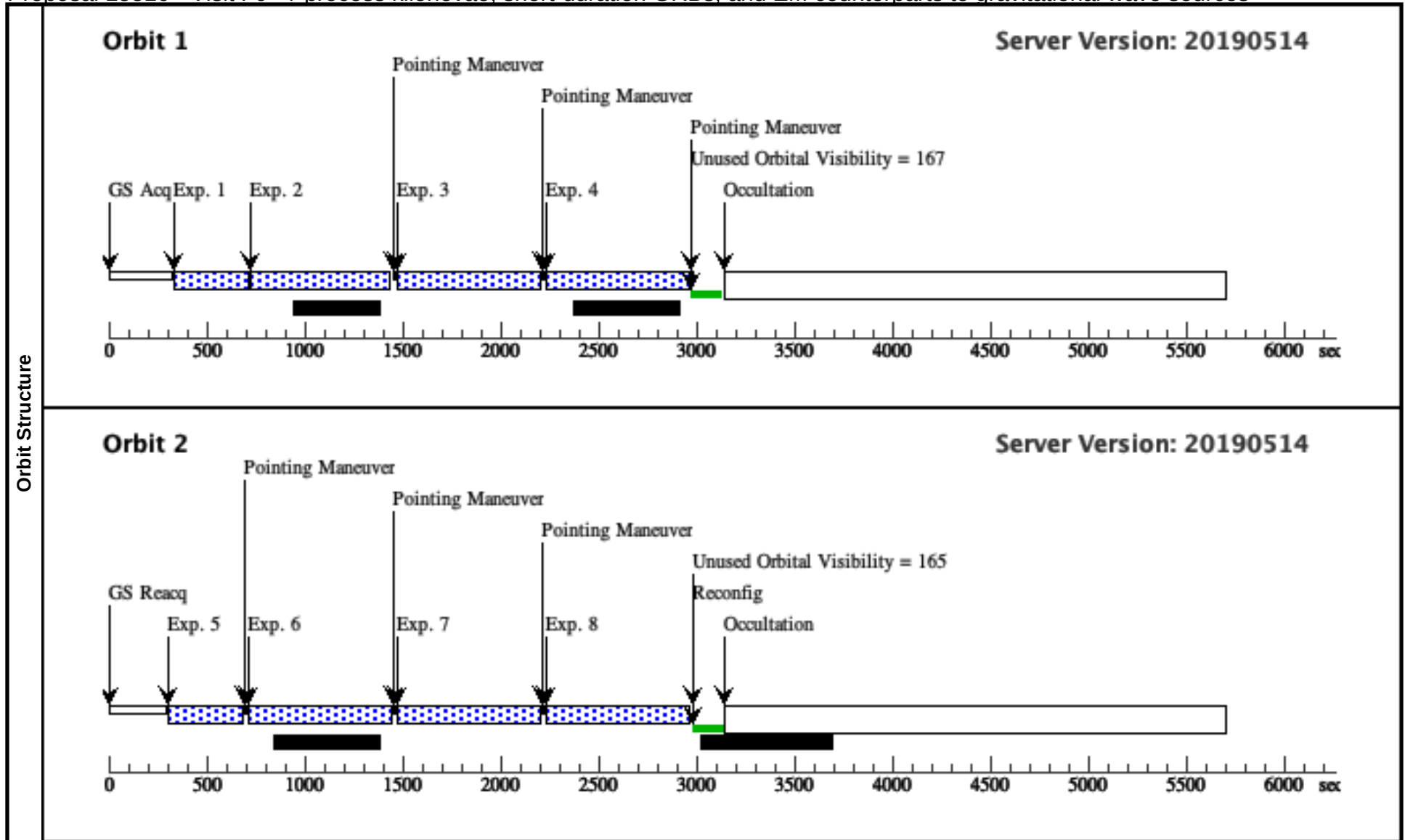
Proposal 15510 - Visit F8 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit F8, withdrawn								Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: GROUP F8,F7 WITHIN 2D									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000 Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]			V=22+/-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) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG 25.4174 0234028375,31.1661 4301105997	Sequence 1-4 Non-Int in Visit F8	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 25.4174 0234028375,31.1661 4301105997	Sequence 1-4 Non-Int in Visit F8	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 26.7704 02340283752,32.375 14301105997	Sequence 1-4 Non-Int in Visit F8	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 28.1234 02340283754,33.584 14301105997	Sequence 1-4 Non-Int in Visit F8	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG 25.4174 0234028375,31.1661 4301105997	Sequence 5-8 Non-Int in Visit F8	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 26.4344 02340283754,31.529 14301105997	Sequence 5-8 Non-Int in Visit F8	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 27.7874 02340283755,32.738 14301105997	Sequence 5-8 Non-Int in Visit F8	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG 29.1404 0234028375,33.9501 4301105997	Sequence 5-8 Non-Int in Visit F8	699.232615 Secs (699.233 Secs) [==>]	[2]



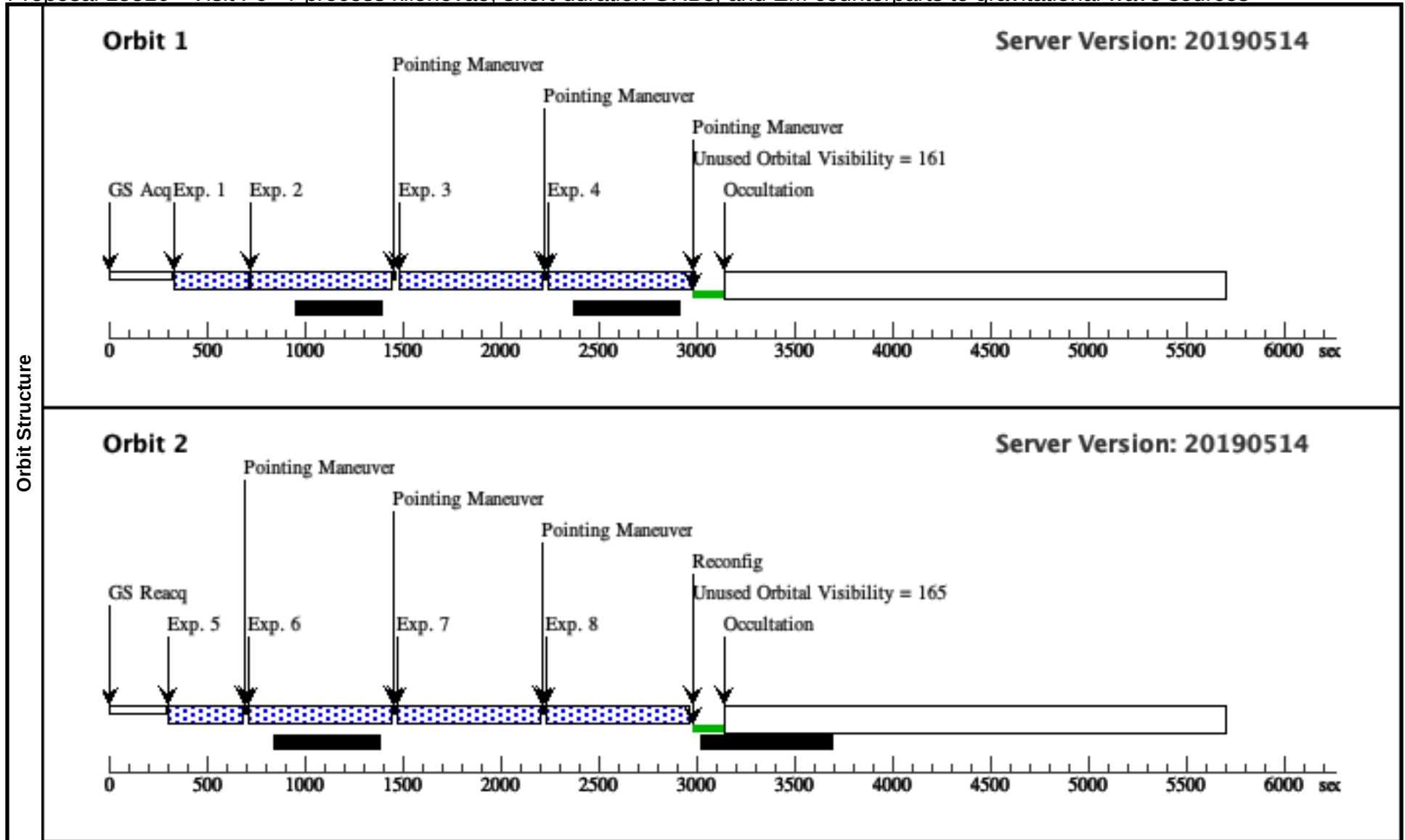
Proposal 15510 - Visit F9 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit F9, withdrawn								Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: BETWEEN 15-NOV-2019:00:00:00 AND 30-NOV-2019:00:00:00									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000 Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]			V=22+/-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) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -37.682 508455174315,32.93 150502142094	Sequence 1-4 Non-Int in Visit F9	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -37.682 508455174315,32.93 150502142094	Sequence 1-4 Non-Int in Visit F9	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -36.329 50845517431,34.140 50502142094	Sequence 1-4 Non-Int in Visit F9	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -34.976 50845517431,35.349 50502142094	Sequence 1-4 Non-Int in Visit F9	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -37.682 508455174315,32.93 150502142094	Sequence 5-8 Non-Int in Visit F9	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -36.665 50845517431,33.294 50502142094	Sequence 5-8 Non-Int in Visit F9	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -35.312 50845517432,34.503 50502142094	Sequence 5-8 Non-Int in Visit F9	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -33.959 508455174316,35.71 550502142094	Sequence 5-8 Non-Int in Visit F9	699.232615 Secs (699.233 Secs) [==>]	[2]



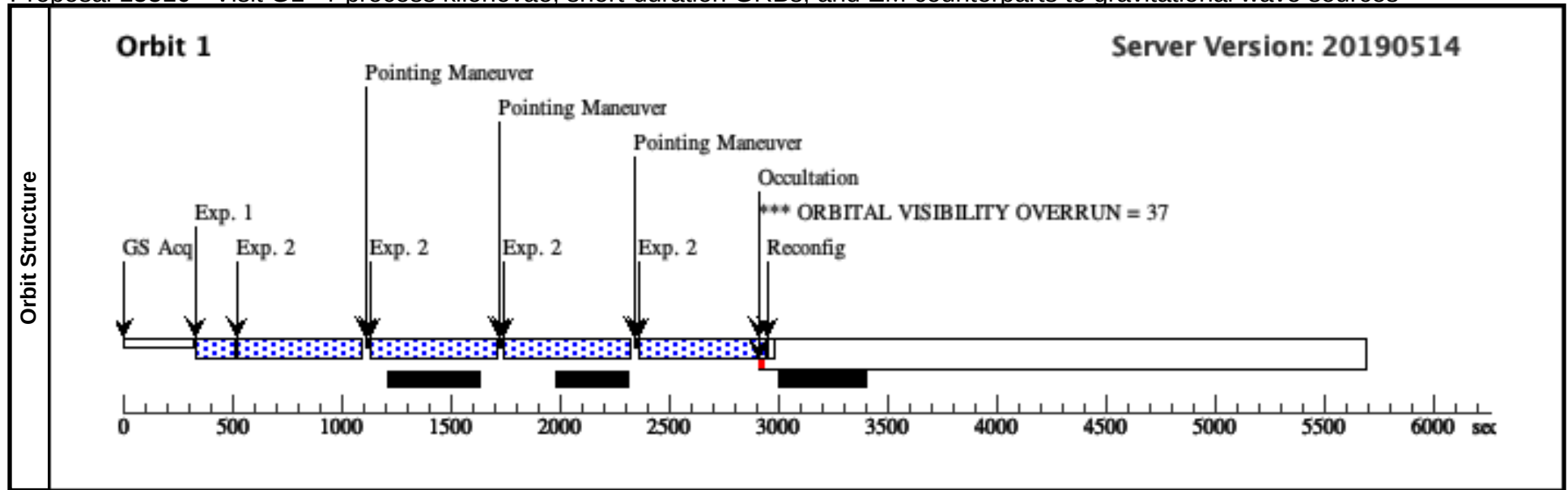
Proposal 15510 - Visit F0 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit F0, withdrawn								Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: GROUP F0,F9 WITHIN 2D									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000			V=22+/-2		Reference Frame: ICRS		
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -37.682 508455174315,32.93 150502142094	Sequence 1-4 Non-In t in Visit F0	349.232932 Secs (349.233 Secs) [==>]	[1]
	2	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -37.682 508455174315,32.93 150502142094	Sequence 1-4 Non-In t in Visit F0	699.232615 Secs (699.233 Secs) [==>]	[1]
	3	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -36.329 50845517431,34.140 50502142094	Sequence 1-4 Non-In t in Visit F0	699.232615 Secs (699.233 Secs) [==>]	[1]
	4	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -34.976 50845517431,35.349 50502142094	Sequence 1-4 Non-In t in Visit F0	699.232615 Secs (699.233 Secs) [==>]	[1]
	5	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -37.682 508455174315,32.93 150502142094	Sequence 5-8 Non-In t in Visit F0	349.232932 Secs (349.233 Secs) [==>]	[2]
	6	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -36.665 50845517431,33.294 50502142094	Sequence 5-8 Non-In t in Visit F0	699.232615 Secs (699.233 Secs) [==>]	[2]
	7	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -35.312 50845517432,34.503 50502142094	Sequence 5-8 Non-In t in Visit F0	699.232615 Secs (699.233 Secs) [==>]	[2]
	8	(2)	GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -33.959 508455174316,35.71 550502142094	Sequence 5-8 Non-In t in Visit F0	699.232615 Secs (699.233 Secs) [==>]	[2]



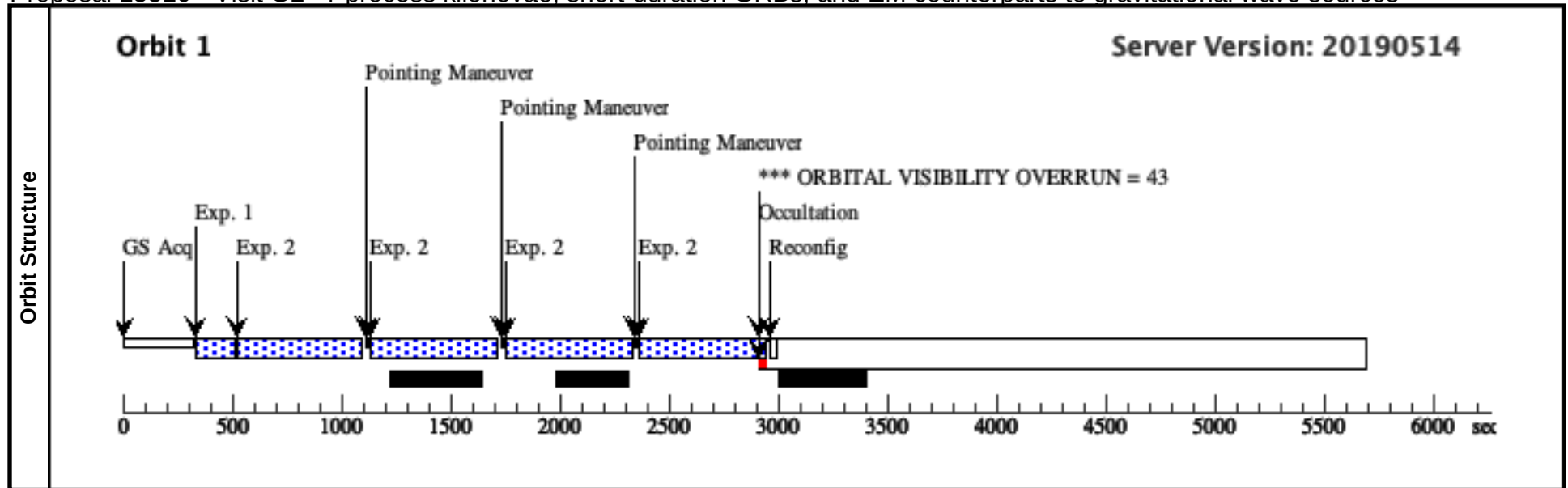
Proposal 15510 - Visit G1 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit G1, withdrawn										Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR											
	Special Requirements: SCHED 100%; ON HOLD											
On Hold Comments: Awaiting SGRB trigger												
Diagnostics	(Visit G1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)		
Generic Targets	#	Name		Criteria		Description						
	(1)	SGRB1		shortGRB 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=4; SAMP-SEQ=SPAR S50			152.933644 Secs (152.934 Secs)		
										[==>]		[1]
	2		(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]



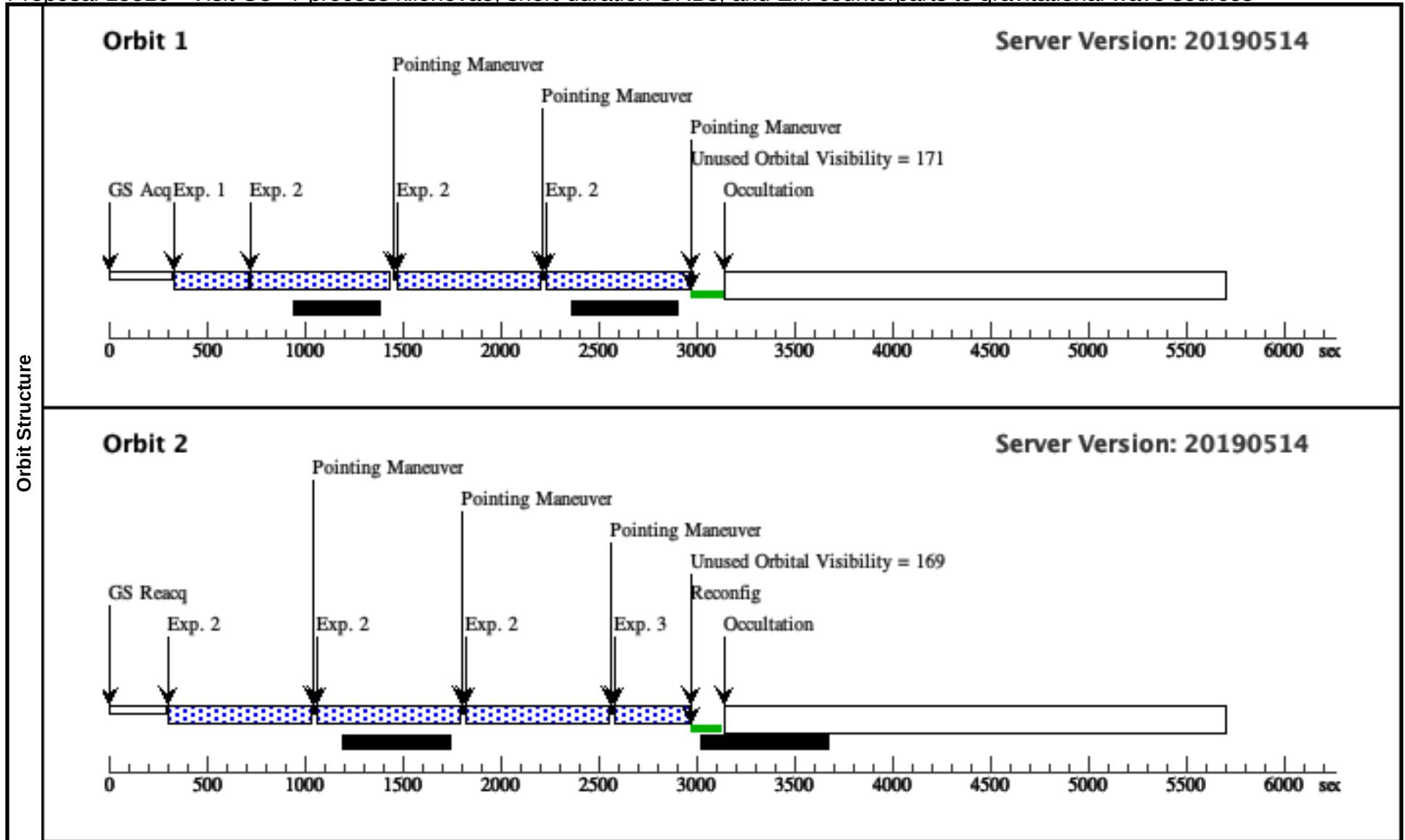
Proposal 15510 - Visit G2 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit G2, withdrawn										Mon Nov 18 20:01:17 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR											
	Special Requirements: SCHED 100%; ON HOLD											
On Hold Comments: Awaiting SGRB trigger												
Diagnostics	(Visit G2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)		
Generic Targets	#	Name		Criteria		Description						
	(1)	SGRB1		shortGRB 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=4; SAMP-SEQ=SPAR S50			152.933644 Secs (152.934 Secs)		
										[==>]		[1]
	2		(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]



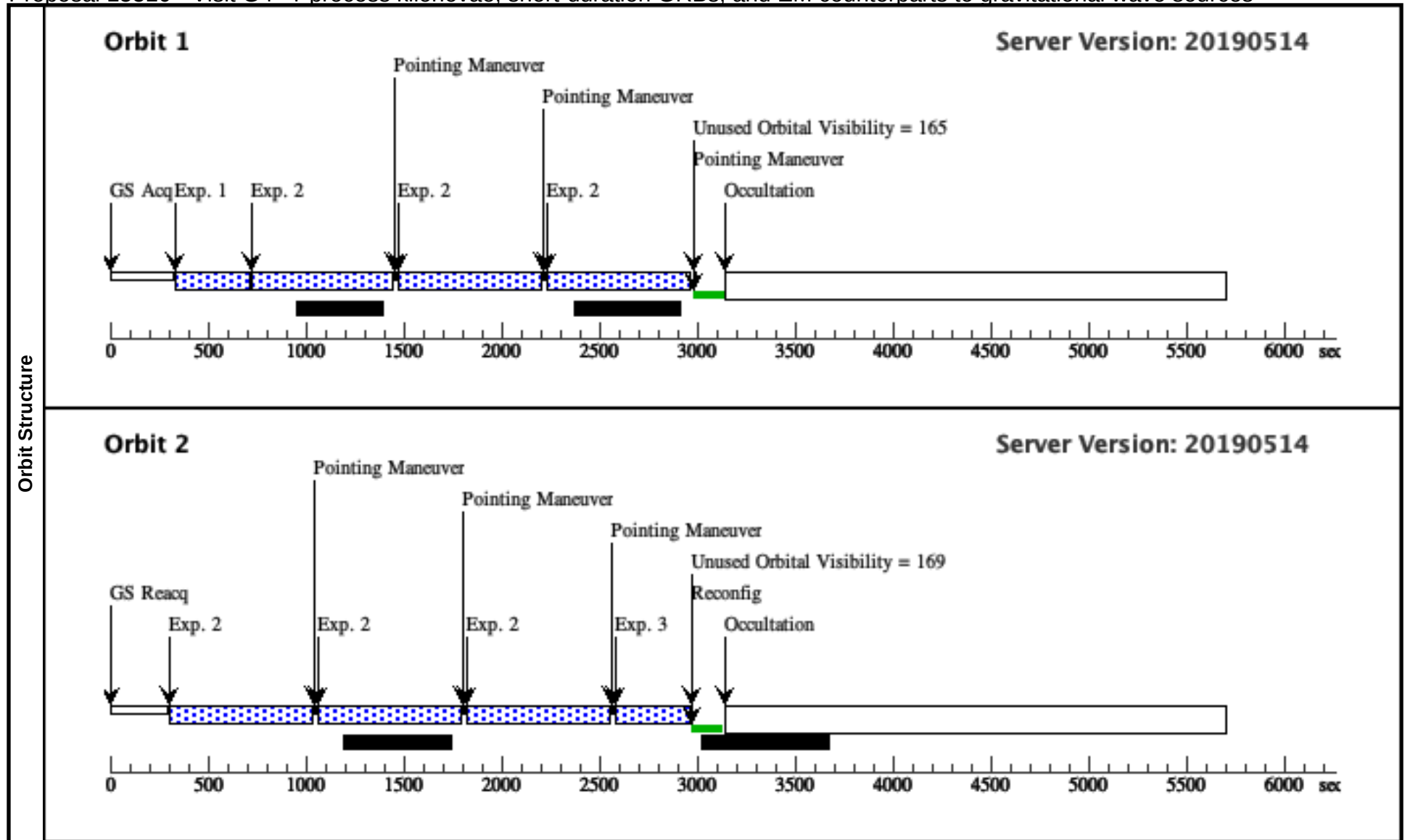
Proposal 15510 - Visit G3 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit G3, withdrawn										Mon Nov 18 20:01:18 GMT 2019
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: BETWEEN 15-NOV-2019:00:00:00 AND 30-NOV-2019:00:00:00										
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)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000				V=22+/-2		Reference Frame: ICRS		
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=12; SAMP-SEQ=STEP5 0			349.232932 Secs (349.233 Secs) [==>]		[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP1 00		Pattern 2, Exps 2-2 i n 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		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=STEP5 0	POS TARG 0.474,0. 424		349.232932 Secs (349.233 Secs) [==>]		[2]



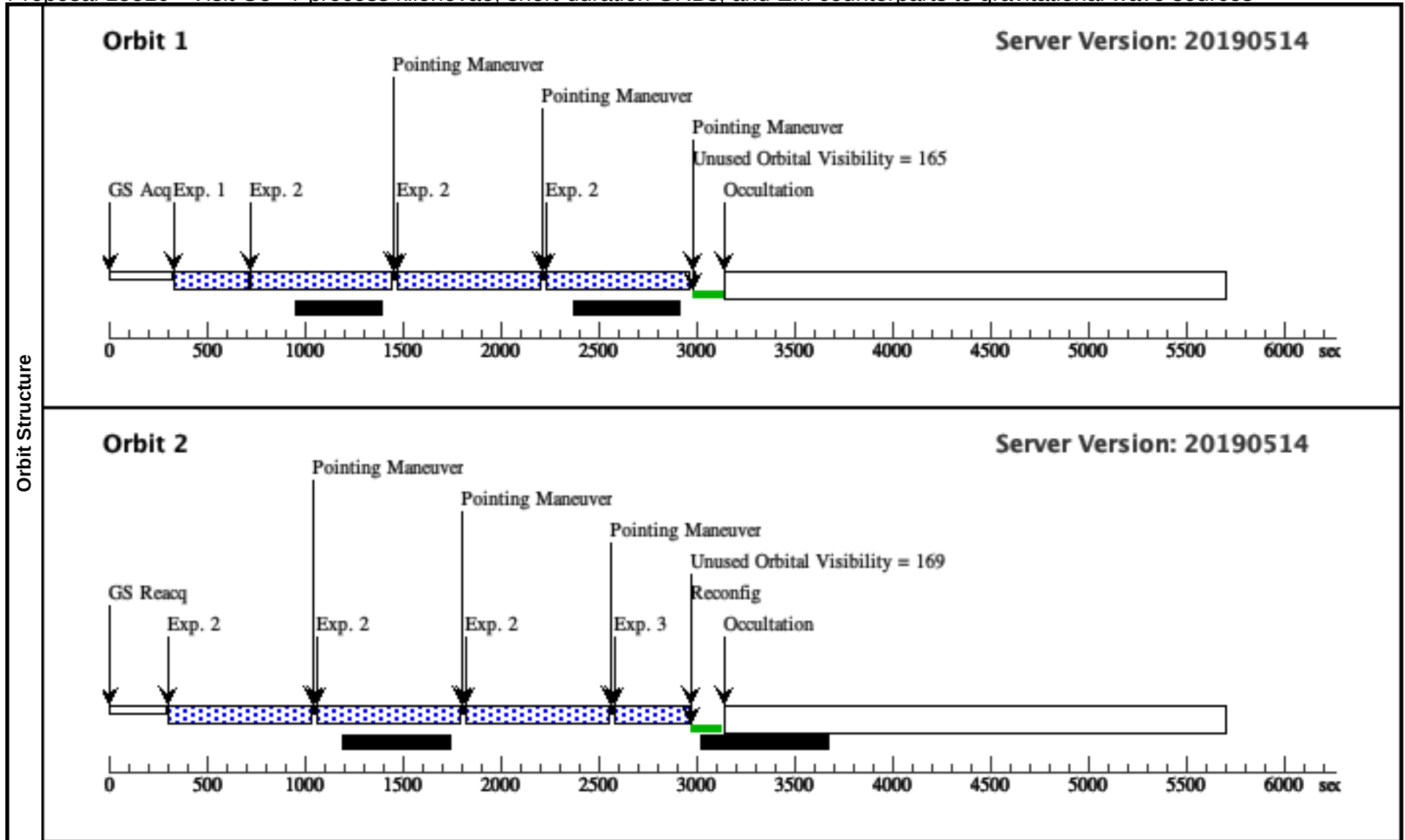
Proposal 15510 - Visit G4 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit G4, withdrawn										Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR											
	Special Requirements: SAME ORIENT AS G3; GROUP G4,G3 WITHIN 2D											
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)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000			V=22+/-2		Reference Frame: ICRS				
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP5 0			349.232932 Secs (349.233 Secs)			
									[==>]		[1]	
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP1 00		Pattern 2, Exps 2-2 i n Visit G4 (2)	699.232615 Secs (4195.396 Secs)			
									[==>(Pattern 1,1)]			
									[==>(Pattern 1,2)]		[1]	
									[==>(Pattern 1,3)]			
									[==>(Pattern 2,1)]			
									[==>(Pattern 2,2)]		[2]	
									[==>(Pattern 2,3)]			
3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP5 0	POS TARG 0.474,0. 424			349.232932 Secs (349.233 Secs)			
									[==>]		[2]	



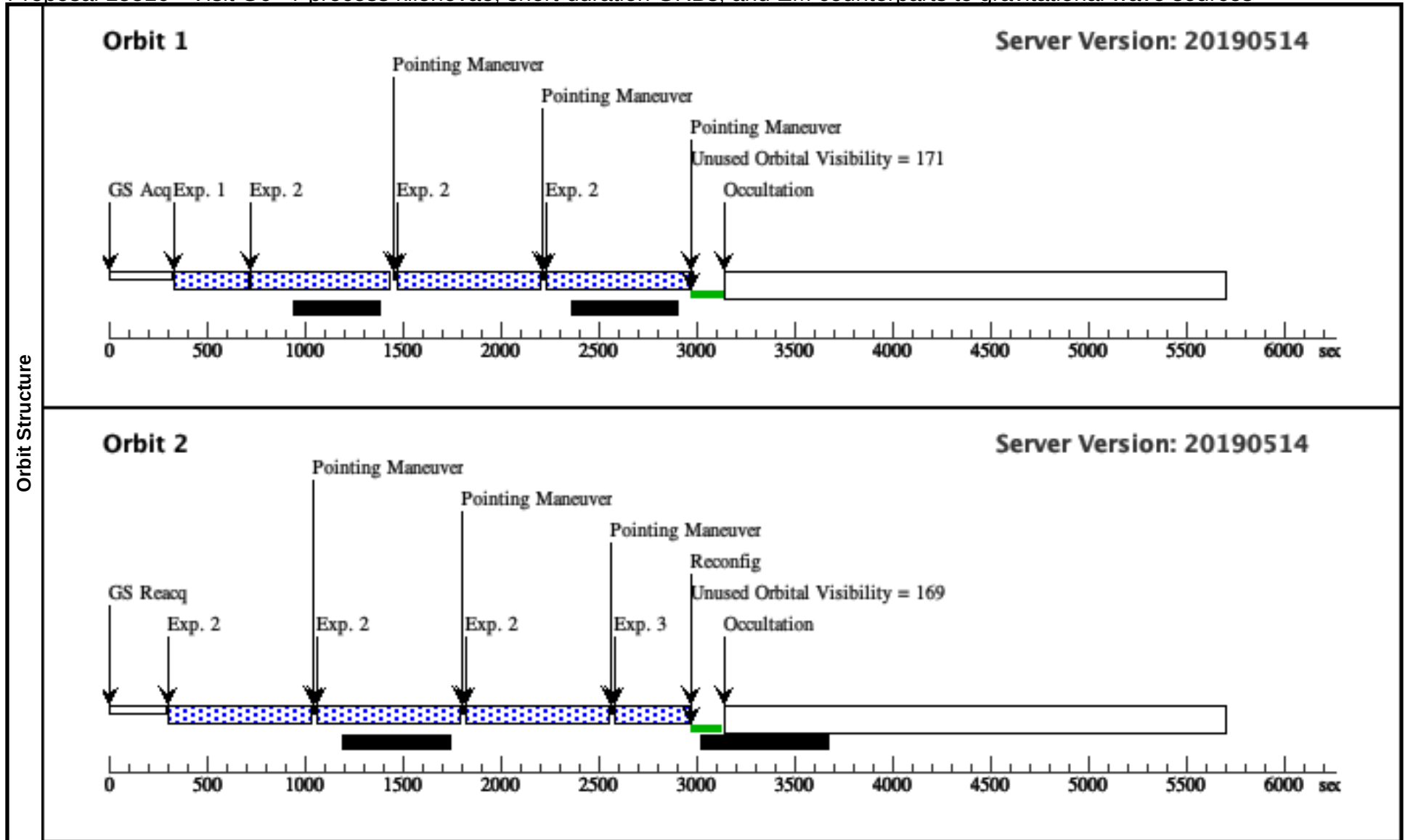
Proposal 15510 - Visit G5 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit G5, withdrawn										Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR											
	Special Requirements: SAME ORIENT AS G3; AFTER G3 BY 40 D TO 50 D											
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)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000				V=22+/-2		Reference Frame: ICRS			
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP5 0			349.232932 Secs (349.233 Secs)			
									[==>]		[1]	
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP1 00		Pattern 2, Exps 2-2 in Visit G5 (2)	699.232615 Secs (4195.396 Secs)			
									[==>(Pattern 1,1)]			
									[==>(Pattern 1,2)]		[1]	
									[==>(Pattern 1,3)]			
									[==>(Pattern 2,1)]			
									[==>(Pattern 2,2)]		[2]	
									[==>(Pattern 2,3)]			
3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP5 0	POS TARG 0.474,0.424			349.232932 Secs (349.233 Secs)			
									[==>]		[2]	



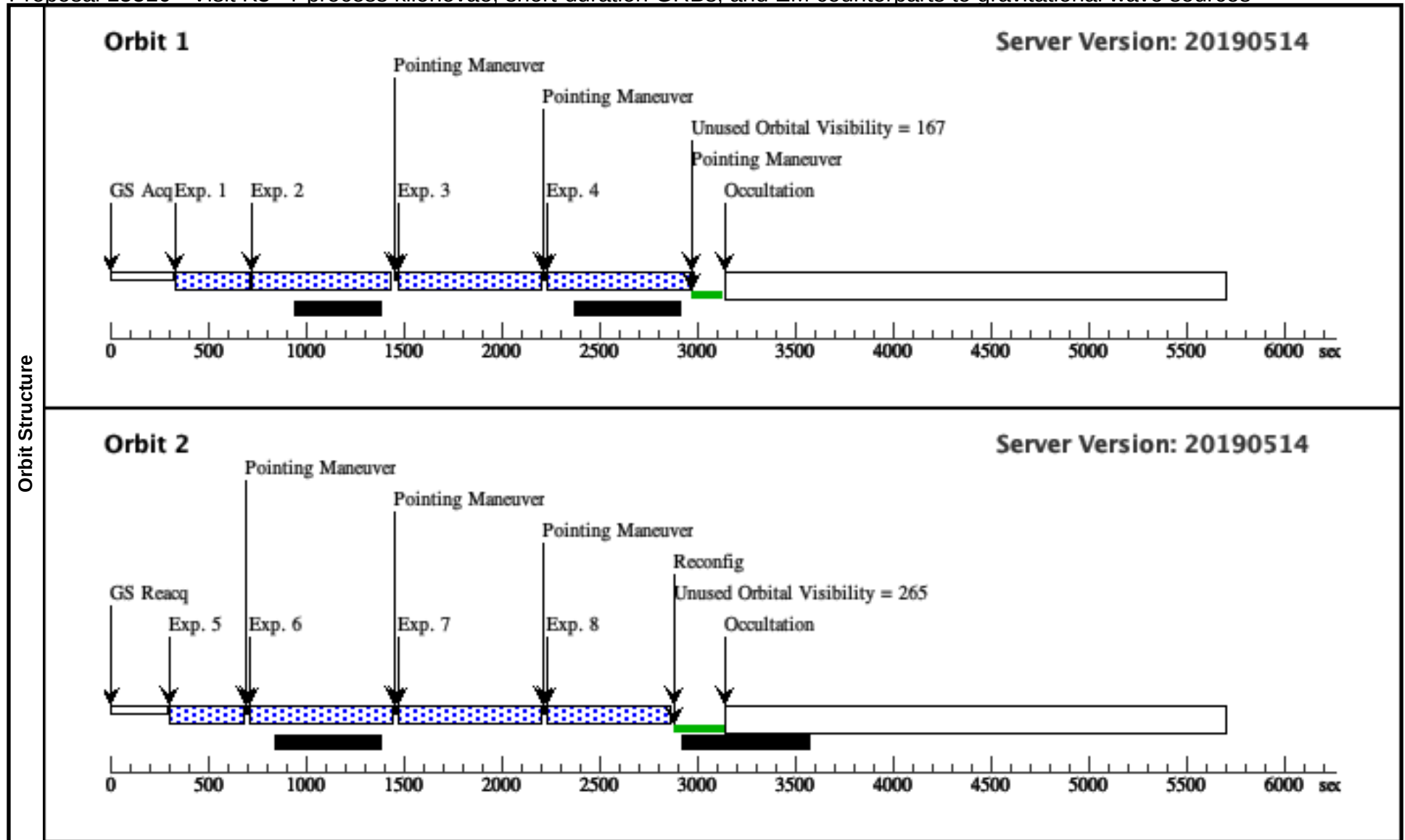
Proposal 15510 - Visit G6 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit G6, withdrawn										Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR											
	Special Requirements: SAME ORIENT AS G3; AFTER G3 BY 40 D TO 50 D; GROUP G6,G5 WITHIN 2D											
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)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000				V=22+/-2		Reference Frame: ICRS			
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=12; SAMP-SEQ=STEP5 0			349.232932 Secs (349.233 Secs)			
									[==>]		[1]	
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP1 00		Pattern 2, Exps 2-2 in Visit G6 (2)	699.232615 Secs (4195.396 Secs)			
									[==>(Pattern 1,1)]			
									[==>(Pattern 1,2)]		[1]	
									[==>(Pattern 1,3)]			
									[==>(Pattern 2,1)]			
									[==>(Pattern 2,2)]		[2]	
									[==>(Pattern 2,3)]			
3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F110W		NSAMP=12; SAMP-SEQ=STEP5 0	POS TARG 0.474,0.424		349.232932 Secs (349.233 Secs)			
									[==>]		[2]	



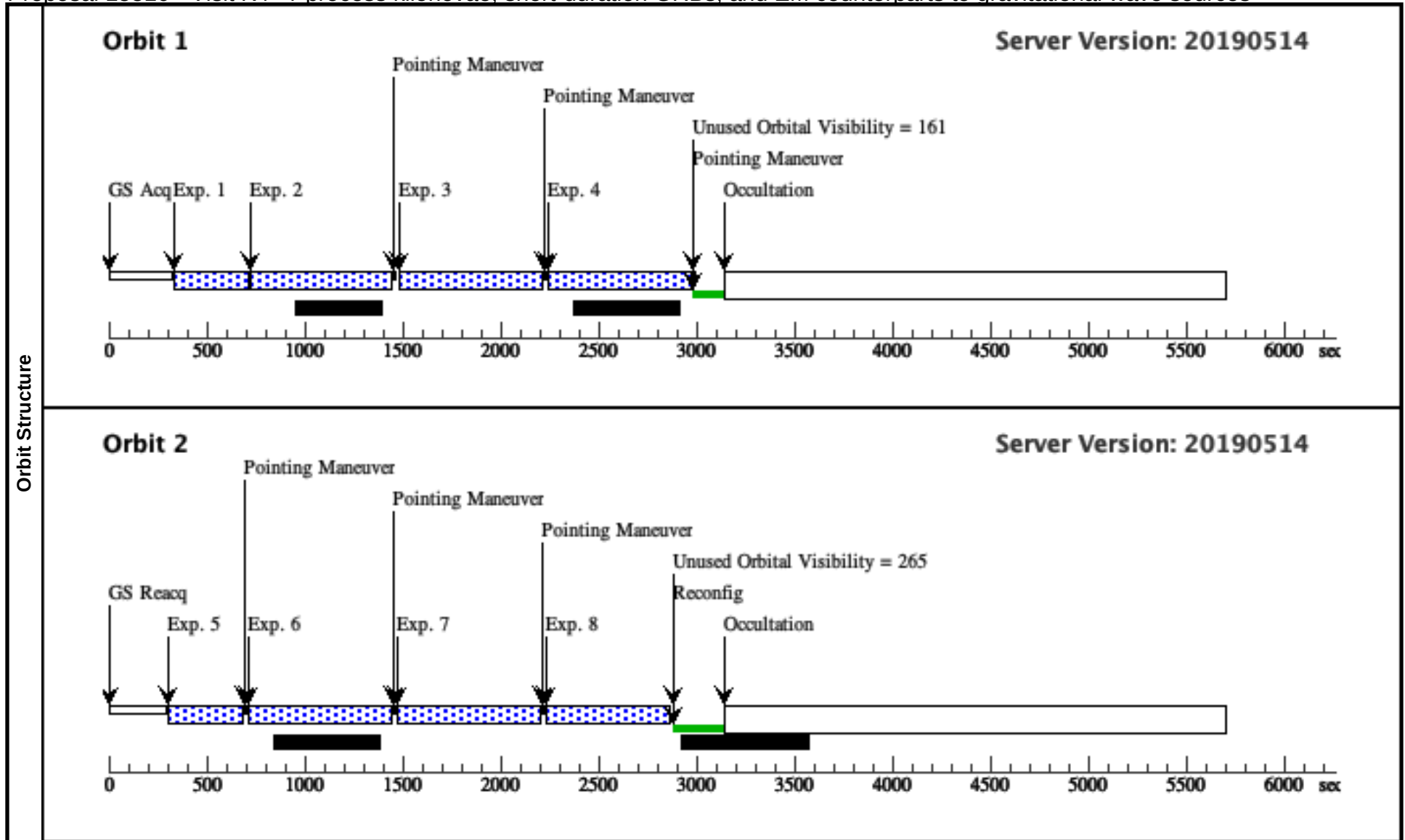
Proposal 15510 - Visit K3 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit K3, pi								Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: ORIENT 48D TO 50 D; BETWEEN 15-NOV-2019:00:00:00 AND 30-NOV-2019:00:00:00									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000		V=22+/-2	Reference Frame: ICRS				
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.61113946018116	Sequence 1-4 Non-Int in Visit K3	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -28.613 66496118098,-32.61113946018116	Sequence 1-4 Non-Int in Visit K3	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.260 66496118098,-31.402139460181157	Sequence 1-4 Non-Int in Visit K3	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -25.907 66496118098,-30.193139460181158	Sequence 1-4 Non-Int in Visit K3	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.61113946018116	Sequence 5-8 Non-Int in Visit K3	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.596 66496118098,-32.24813946018116	Sequence 5-8 Non-Int in Visit K3	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -26.243 66496118098,-31.039139460181158	Sequence 5-8 Non-Int in Visit K3	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=STEP100	POS TARG -24.890 66496118098,-29.827139460181158	Sequence 5-8 Non-Int in Visit K3	599.232292 Secs (599.232 Secs) [==>]	[2]



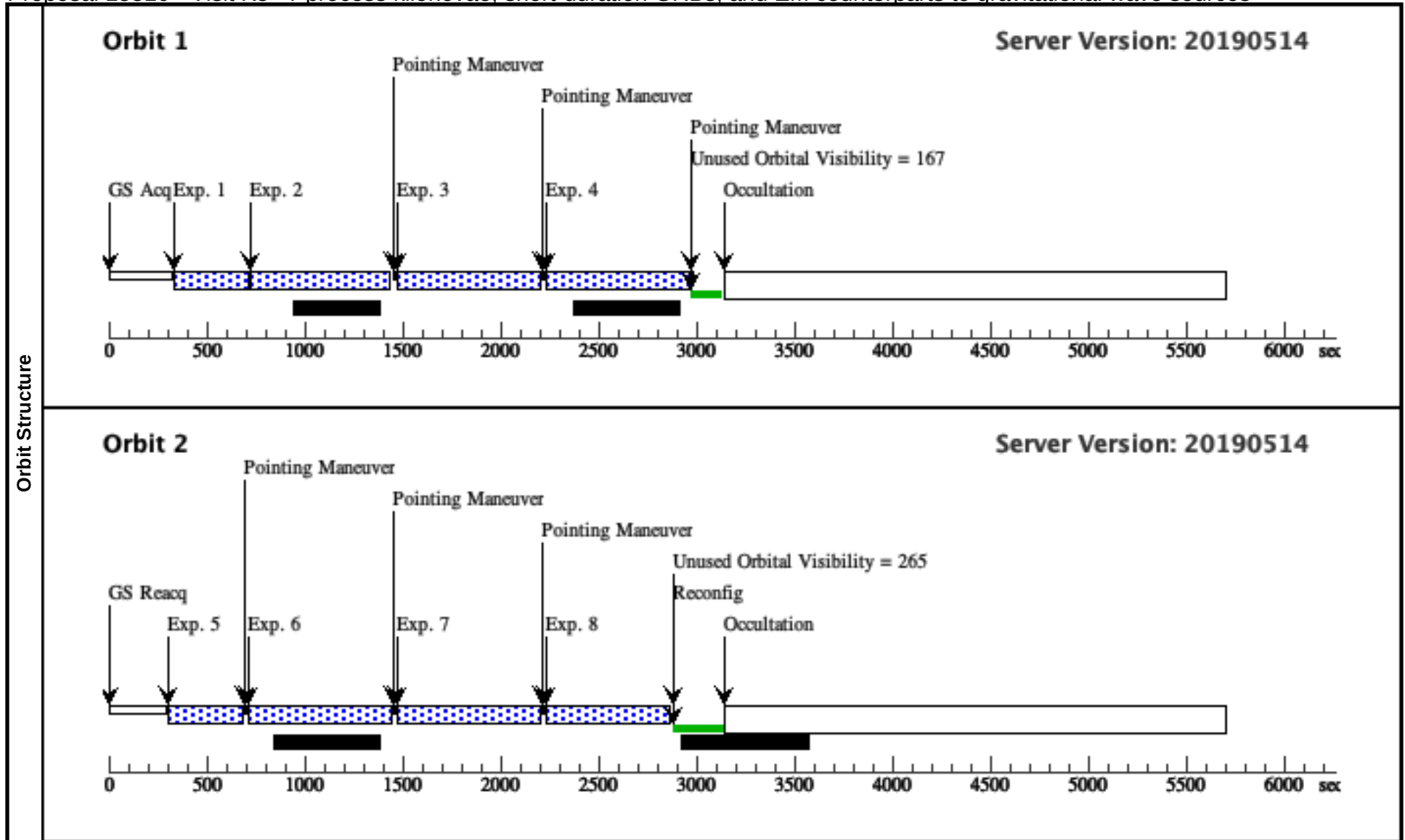
Proposal 15510 - Visit K4 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit K4, pi								Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: SAME ORIENT AS K3; GROUP K4,K3 WITHIN 2D									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000			V=22+/-2		Reference Frame: ICRS		
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.61113946018116	Sequence 1-4 Non-Int in Visit K4	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -28.613 66496118098,-32.61113946018116	Sequence 1-4 Non-Int in Visit K4	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.260 66496118098,-31.402139460181157	Sequence 1-4 Non-Int in Visit K4	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -25.907 66496118098,-30.193139460181158	Sequence 1-4 Non-Int in Visit K4	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.61113946018116	Sequence 5-8 Non-Int in Visit K4	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.596 66496118098,-32.24813946018116	Sequence 5-8 Non-Int in Visit K4	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -26.243 66496118098,-31.039139460181158	Sequence 5-8 Non-Int in Visit K4	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=STEP100	POS TARG -24.890 66496118098,-29.827139460181158	Sequence 5-8 Non-Int in Visit K4	599.232292 Secs (599.232 Secs) [==>]	[2]



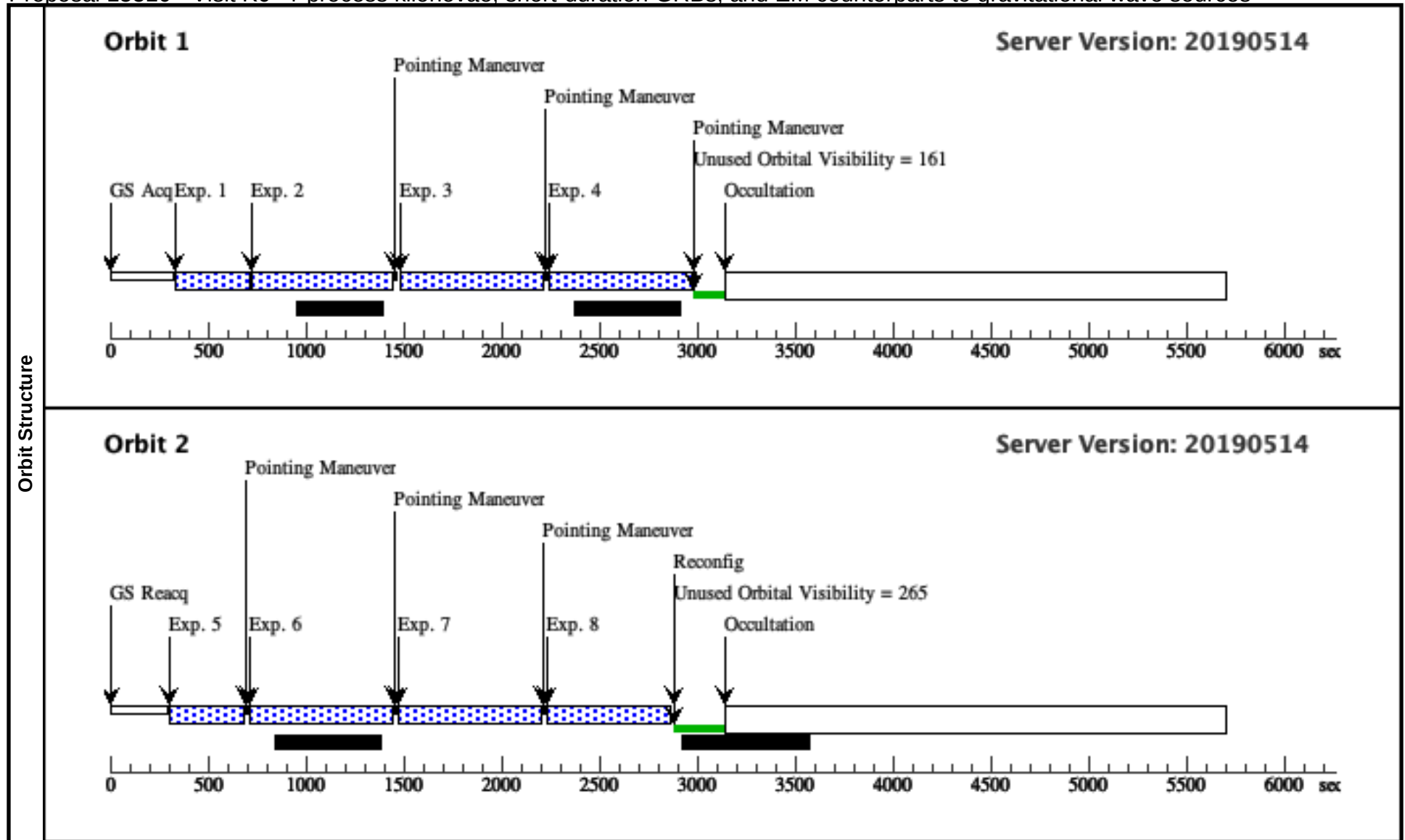
Proposal 15510 - Visit K5 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit K5, pi								Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: SAME ORIENT AS K3; AFTER K3 BY 40 D TO 50 D									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000			V=22+/-2		Reference Frame: ICRS		
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.61113946018116	Sequence 1-4 Non-Int in Visit K5	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -28.613 66496118098,-32.61113946018116	Sequence 1-4 Non-Int in Visit K5	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.260 66496118098,-31.402139460181157	Sequence 1-4 Non-Int in Visit K5	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -25.907 66496118098,-30.193139460181158	Sequence 1-4 Non-Int in Visit K5	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.61113946018116	Sequence 5-8 Non-Int in Visit K5	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.596 66496118098,-32.24813946018116	Sequence 5-8 Non-Int in Visit K5	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -26.243 66496118098,-31.039139460181158	Sequence 5-8 Non-Int in Visit K5	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=STEP100	POS TARG -24.890 66496118098,-29.827139460181158	Sequence 5-8 Non-Int in Visit K5	599.232292 Secs (599.232 Secs) [==>]	[2]



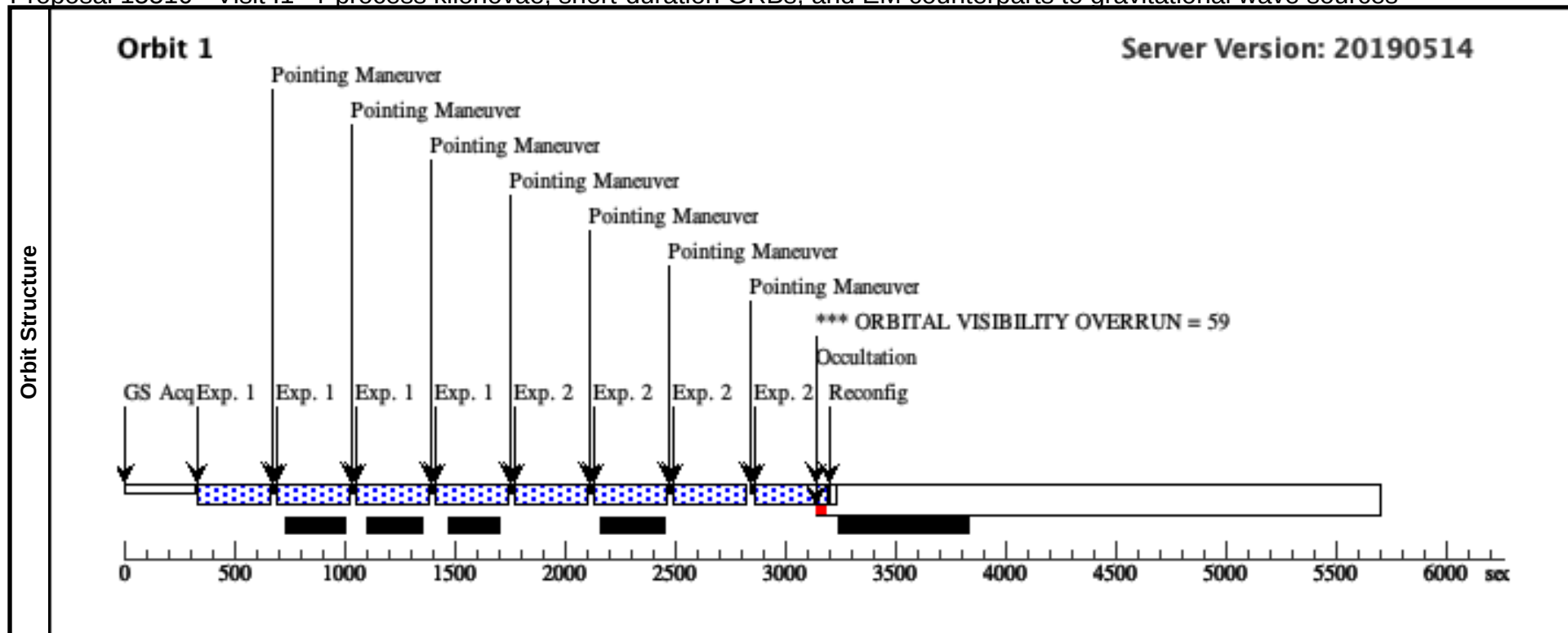
Proposal 15510 - Visit K6 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit K6, pi								Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: SAME ORIENT AS K3; AFTER K3; GROUP K6,K5 WITHIN 2D									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000			V=22+/-2		Reference Frame: ICRS		
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.611 113946018116	Sequence 1-4 Non-Int in Visit K6	349.232932 Secs (349.233 Secs) [==>]	[1]
	2		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -28.613 66496118098,-32.611 113946018116	Sequence 1-4 Non-Int in Visit K6	699.232615 Secs (699.233 Secs) [==>]	[1]
	3		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.260 66496118098,-31.402 2139460181157	Sequence 1-4 Non-Int in Visit K6	699.232615 Secs (699.233 Secs) [==>]	[1]
	4		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -25.907 66496118098,-30.193 3139460181158	Sequence 1-4 Non-Int in Visit K6	699.232615 Secs (699.233 Secs) [==>]	[1]
	5		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG -28.613 66496118098,-32.611 113946018116	Sequence 5-8 Non-Int in Visit K6	349.232932 Secs (349.233 Secs) [==>]	[2]
	6		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -27.596 66496118098,-32.248 813946018116	Sequence 5-8 Non-Int in Visit K6	699.232615 Secs (699.233 Secs) [==>]	[2]
	7		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=STEP100	POS TARG -26.243 66496118098,-31.039 9139460181158	Sequence 5-8 Non-Int in Visit K6	699.232615 Secs (699.233 Secs) [==>]	[2]
	8		(2) GRB190829A	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=STEP100	POS TARG -24.890 66496118098,-29.827 7139460181158	Sequence 5-8 Non-Int in Visit K6	599.232292 Secs (599.232 Secs) [==>]	[2]



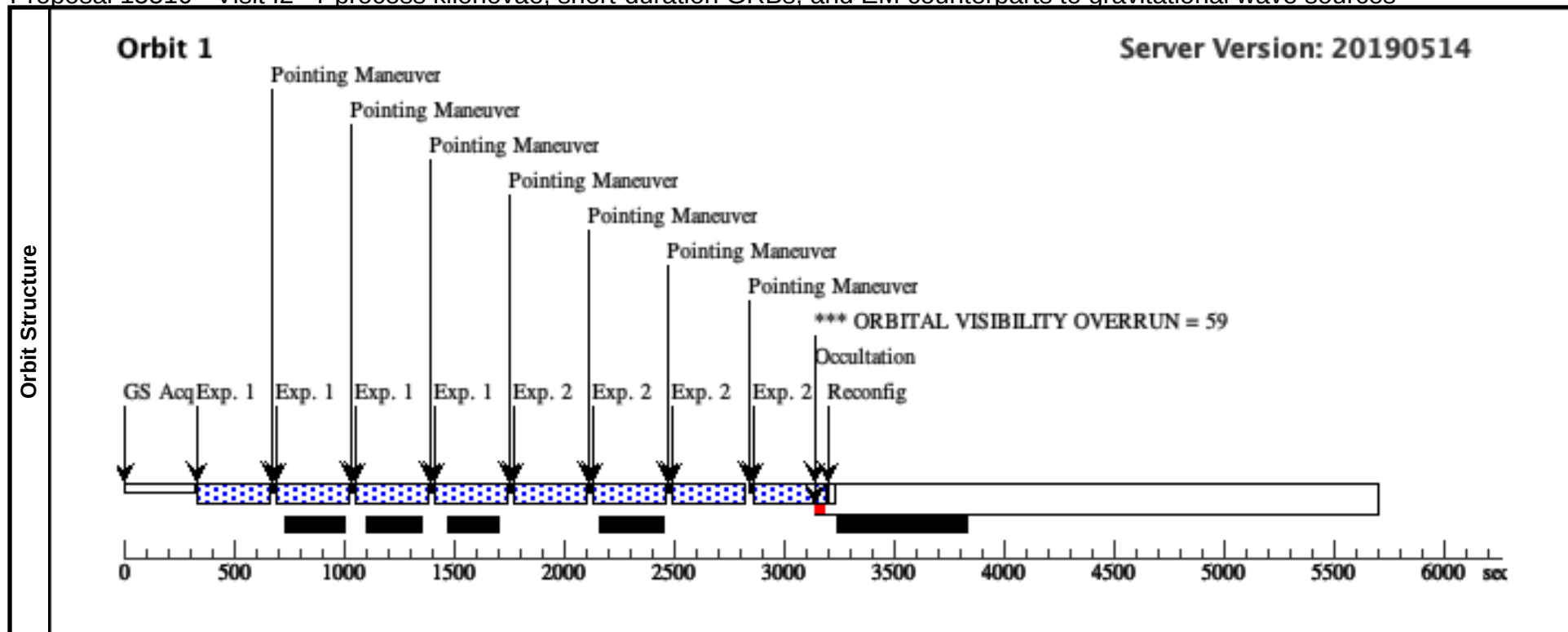
Proposal 15510 - Visit I1 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit I1, withdrawn										Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR											
	Special Requirements: ON HOLD											
	On Hold Comments: Awaiting SGRB trigger											
Diagnostics	(Visit I1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1), (2)		
Generic Targets	#	Name		Criteria		Description						
	(1)	SGRB1		shortGRB 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=9		Pattern 1, Exps 1-1 in Visit I1 (1)	299.231323 Secs (1196.925 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(1) SGRB1	WFC3/IR, MULTIACCUM, IR		F140W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 1, Exps 2-2 in Visit I1 (1)	299.231323 Secs (1196.925 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



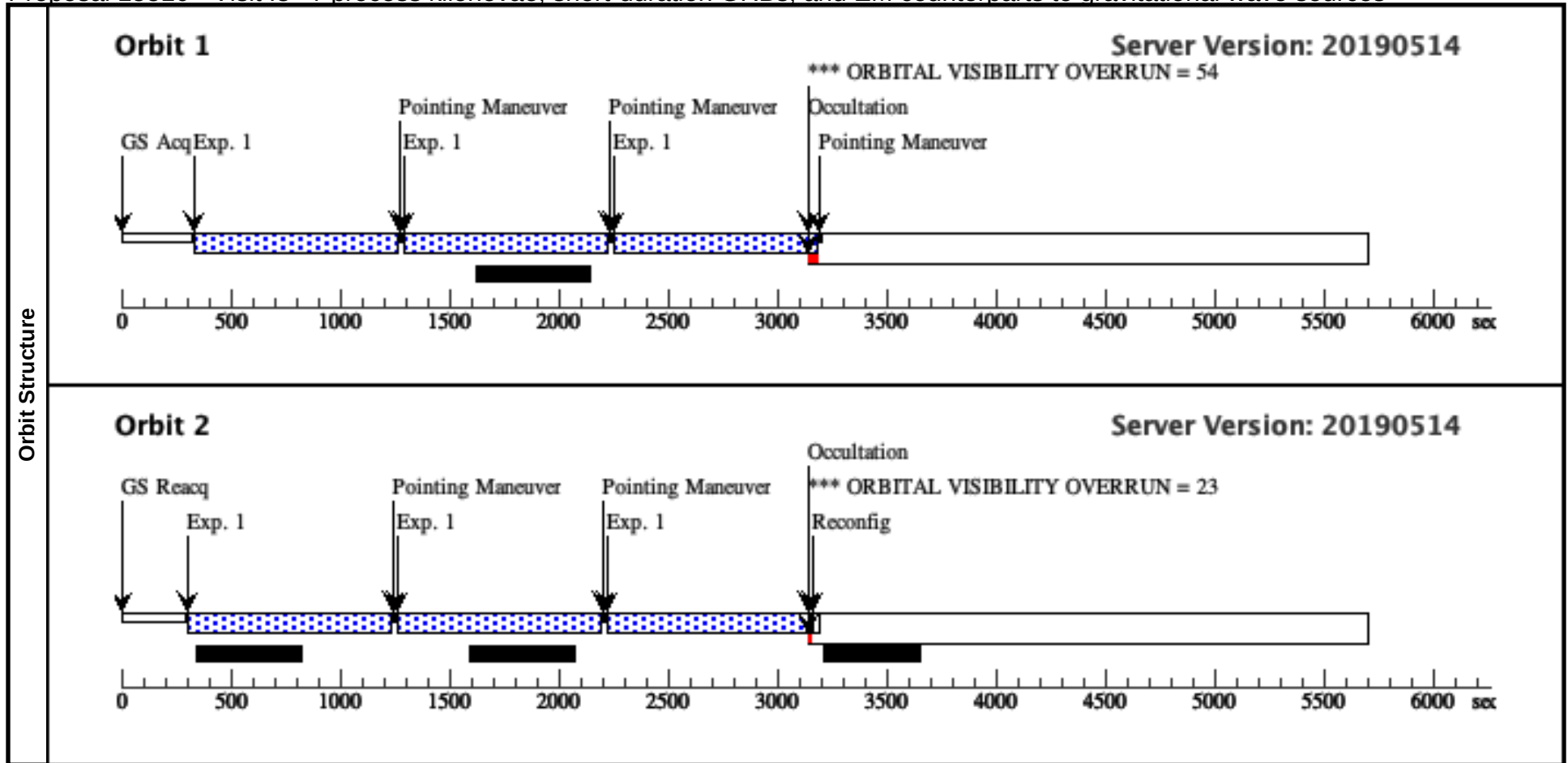
Proposal 15510 - Visit I2 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit I2, withdrawn										Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR											
	Special Requirements: ON HOLD											
	On Hold Comments: Awaiting SGRB trigger											
Diagnostics	(Visit I2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1), (2)		
Generic Targets	#	Name		Criteria		Description						
	(1)	SGRB1		shortGRB 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=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	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]



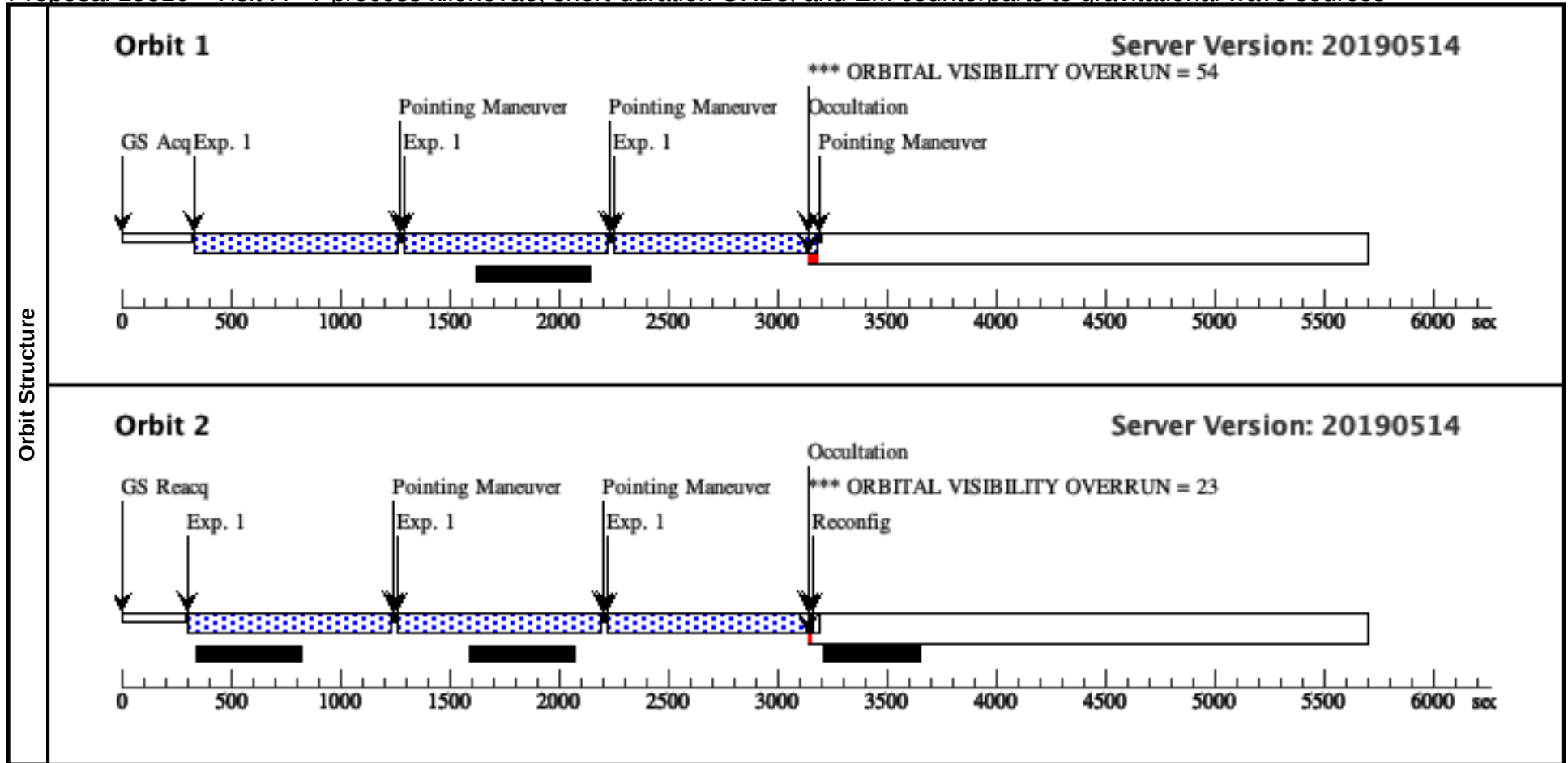
Proposal 15510 - Visit I3 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit I3, withdrawn Mon Nov 18 20:01:18 GMT 2019									
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
Diagnostics	(Visit I3) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit I3) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
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	shortGRB 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)]	[1]
									[==>(Pattern 1,3)]	
									[==>(Pattern 2,1)]	
									[==>(Pattern 2,2)]	[2]
									[==>(Pattern 2,3)]	



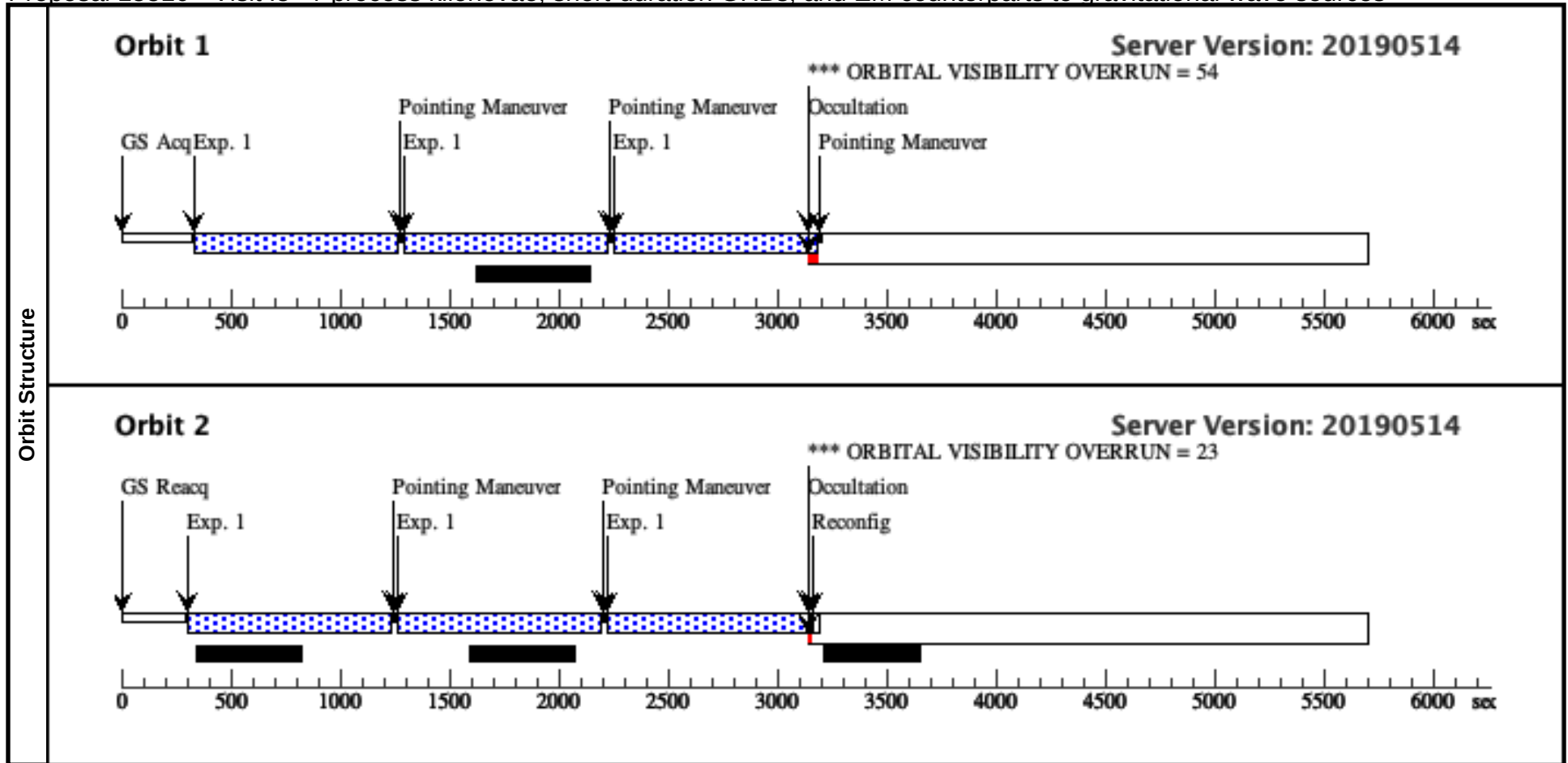
Proposal 15510 - Visit I4 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit I4, withdrawn Mon Nov 18 20:01:18 GMT 2019									
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
Diagnostics	(Visit I4) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit I4) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
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	shortGRB 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]



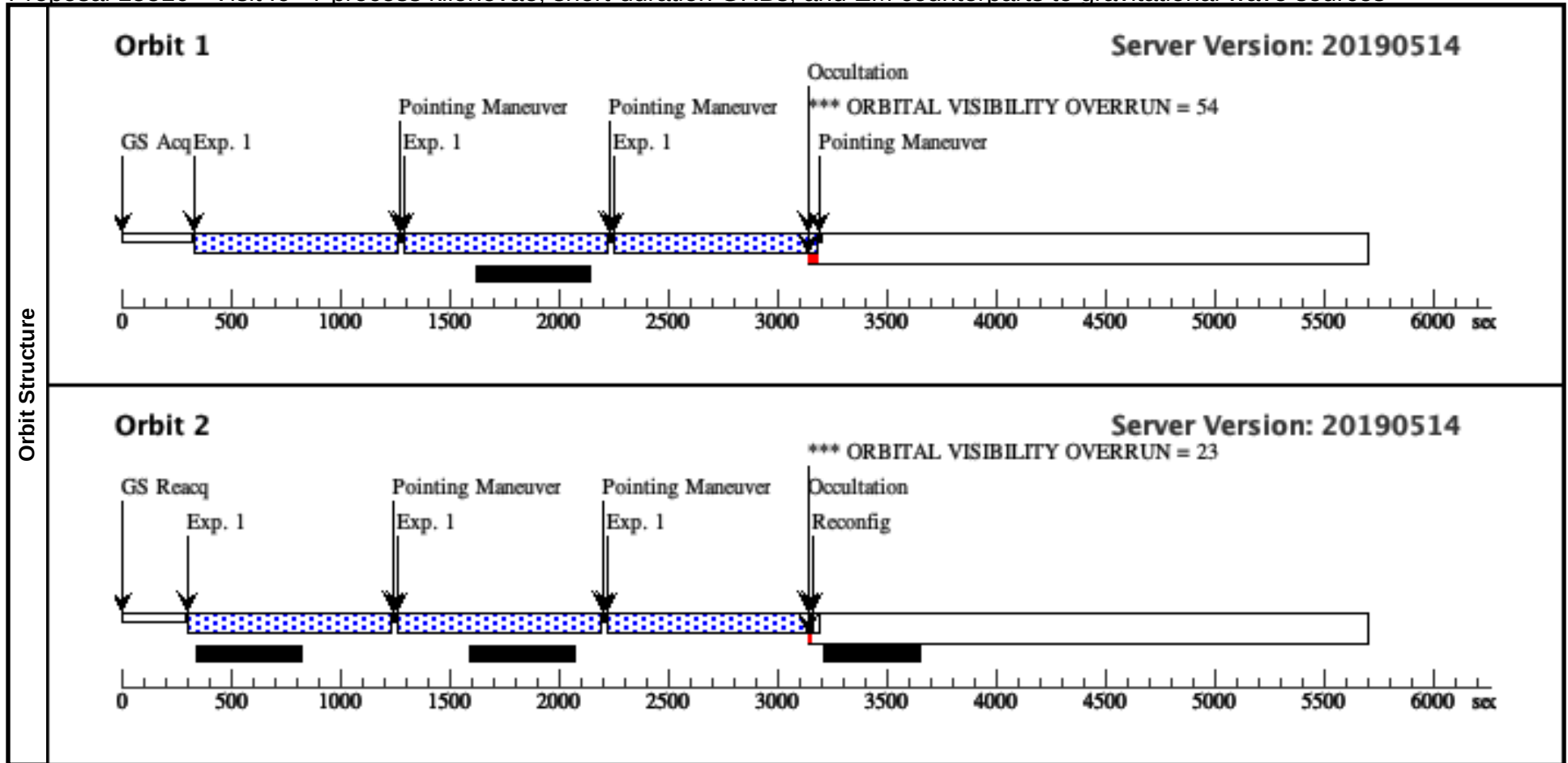
Proposal 15510 - Visit I5 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit I5, withdrawn										Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR											
	Special Requirements: ON HOLD											
	On Hold Comments: Awaiting SGRB trigger											
Diagnostics	(Visit I5) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit I5) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
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	shortGRB 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)]		[1]	
									[==>(Pattern 1,3)]			
									[==>(Pattern 2,1)]			
								[==>(Pattern 2,2)]		[2]		
								[==>(Pattern 2,3)]				



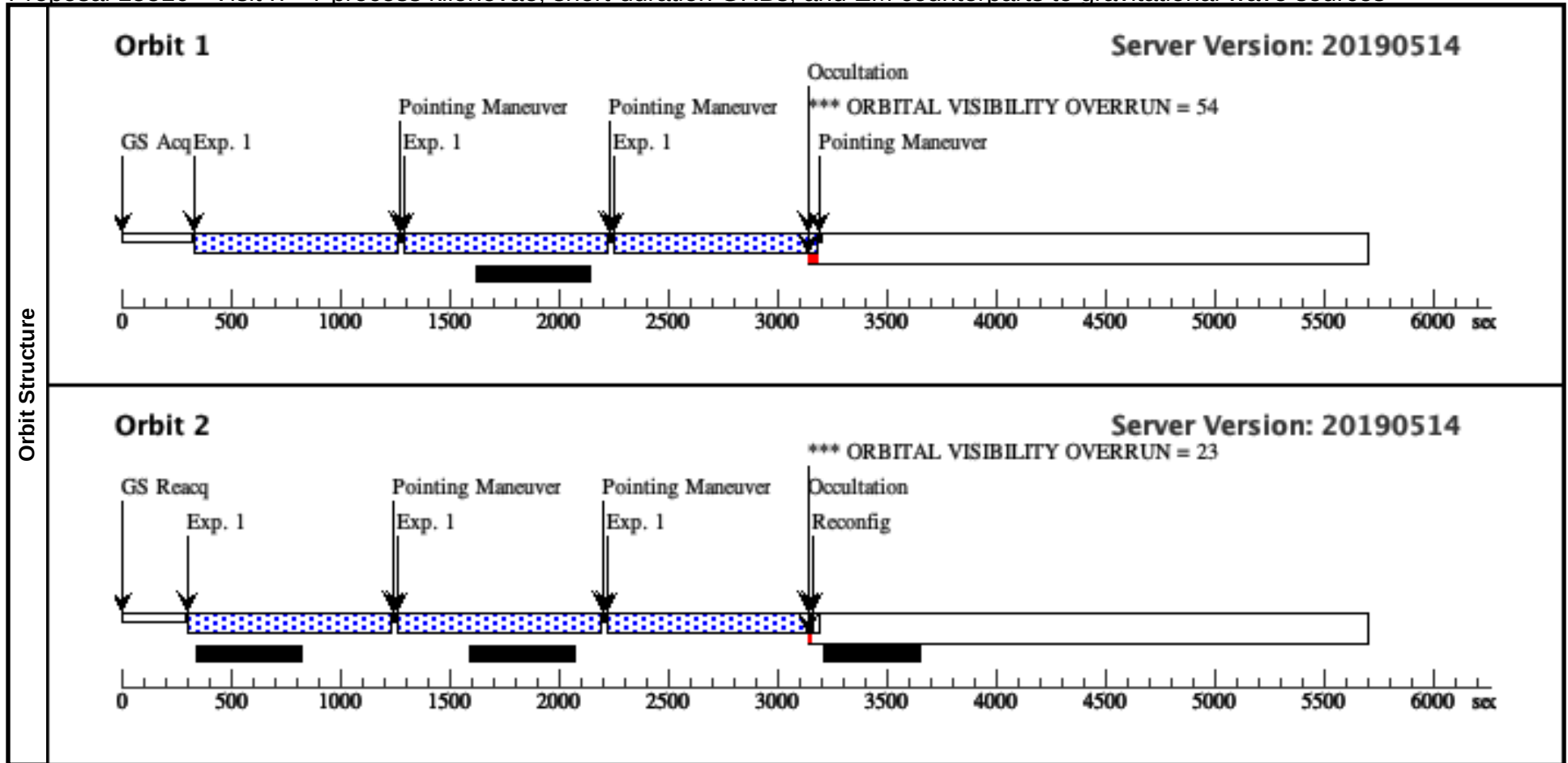
Proposal 15510 - Visit I6 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit I6, withdrawn Mon Nov 18 20:01:18 GMT 2019									
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
Diagnostics	(Visit I6) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit I6) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
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	shortGRB 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)]	[1]
									[==>(Pattern 1,3)]	
									[==>(Pattern 2,1)]	
									[==>(Pattern 2,2)]	[2]
									[==>(Pattern 2,3)]	



Proposal 15510 - Visit I7 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit I7, withdrawn Mon Nov 18 20:01:18 GMT 2019									
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
Diagnostics	(Visit I7) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit I7) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
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	shortGRB 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 I7 (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 15510 - Visit I8 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Mon Nov 18 20:01:18 GMT 2019

Visit	Proposal 15510, Visit I8, 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		shortGRB 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)]	[1]
Orbit Structure	Orbit 1										
	Server Version: 20190514										

Proposal 15510 - Visit I9 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit I9, withdrawn										Mon Nov 18 20:01:18 GMT 2019	
	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	shortGRB 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)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20190514

Proposal 15510 - Visit IA - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Mon Nov 18 20:01:18 GMT 2019

Visit	Proposal 15510, Visit IA, 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	shortGRB 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]	
Orbit Structure	Orbit 1											
	Server Version: 20190514											

Proposal 15510 - Visit IB - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Mon Nov 18 20:01:18 GMT 2019

Visit	Proposal 15510, Visit IB, 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		shortGRB 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]
Orbit Structure	Orbit 1										
	Server Version: 20190514										

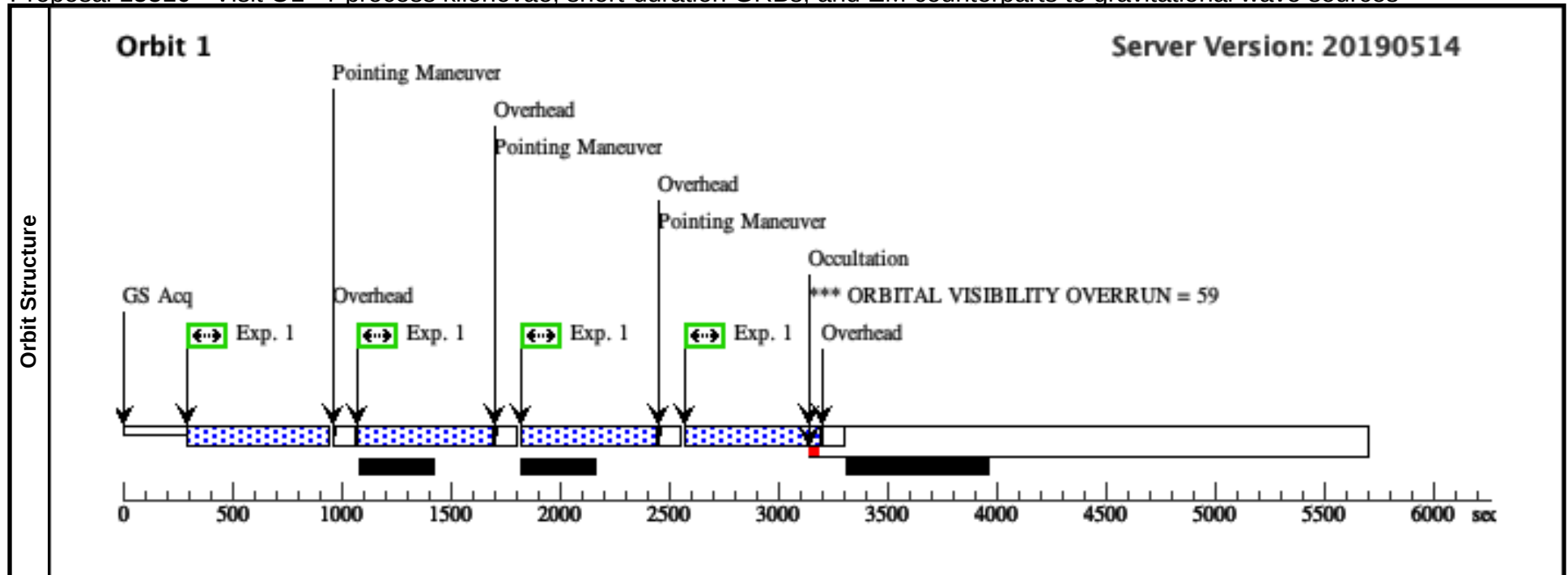
Proposal 15510 - IC (16) - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Mon Nov 18 20:01:18 GMT 2019

Visit	Proposal 15510, IC (16), 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	shortGRB 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 IC (16) (1)	599.232292 Secs (2396.929 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]	
Orbit Structure	Orbit 1											
	Server Version: 20190514											
The diagram illustrates the timeline of Orbit 1, starting from 0 seconds and ending at 6000 seconds. Key events are marked with arrows: GS Acq (0s), Exp. 1 (50s), Pointing Maneuver (100s), Exp. 1 (150s), Pointing Maneuver (200s), Exp. 1 (250s), Pointing Maneuver (300s), Reconfig (350s), Occultation (400s), and Unused Orbital Visibility = 185 (450s). The timeline is divided into segments: a blue checkered segment from 50s to 300s, a green segment from 300s to 350s, and a black segment from 350s to 400s. The total duration of the orbit is 6000 seconds.												

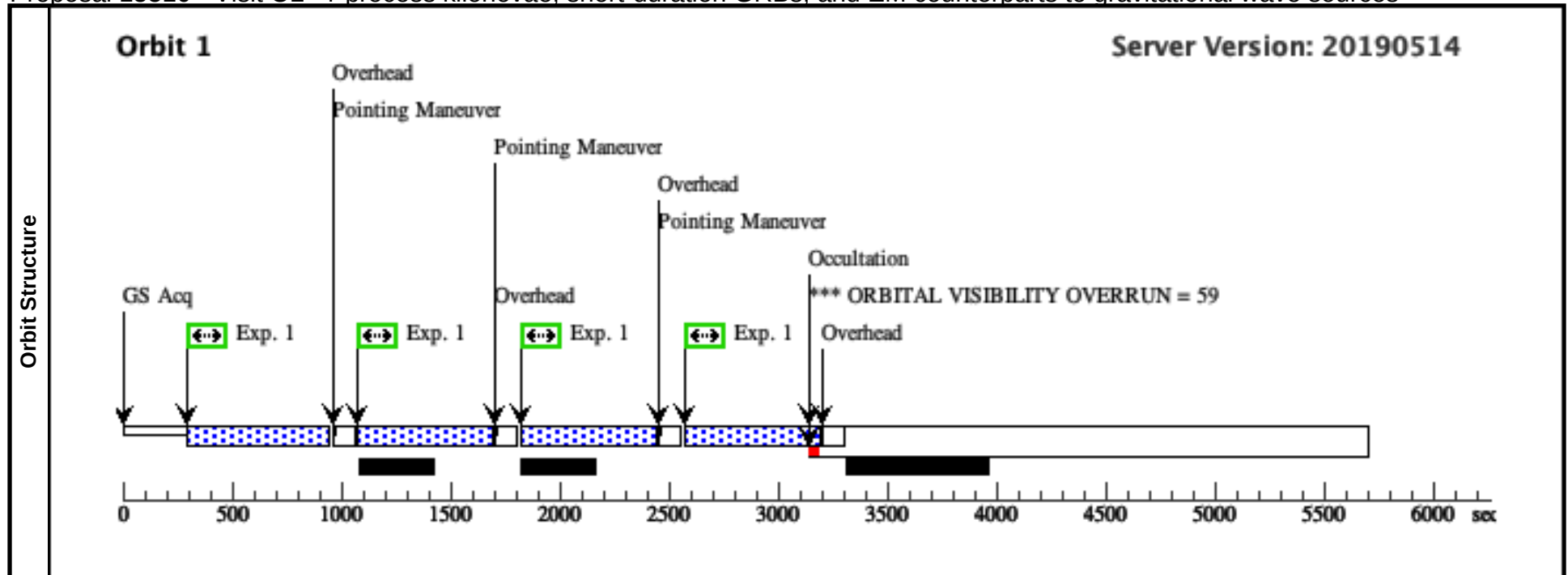
Proposal 15510 - Visit O1 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit O1, withdrawn										Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: ON HOLD											
On Hold Comments: Awaiting SGRB trigger												
Diagnostics	(Visit O1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
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		shortGRB 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)	600 Secs (2476 Secs)		
										[==>619.0 Secs (Pattern 1)]		[1]
										[==>619.0 Secs (Pattern 2)]		
									[==>619.0 Secs (Pattern 3)]			
										[==>619.0 Secs (Pattern 4)]		



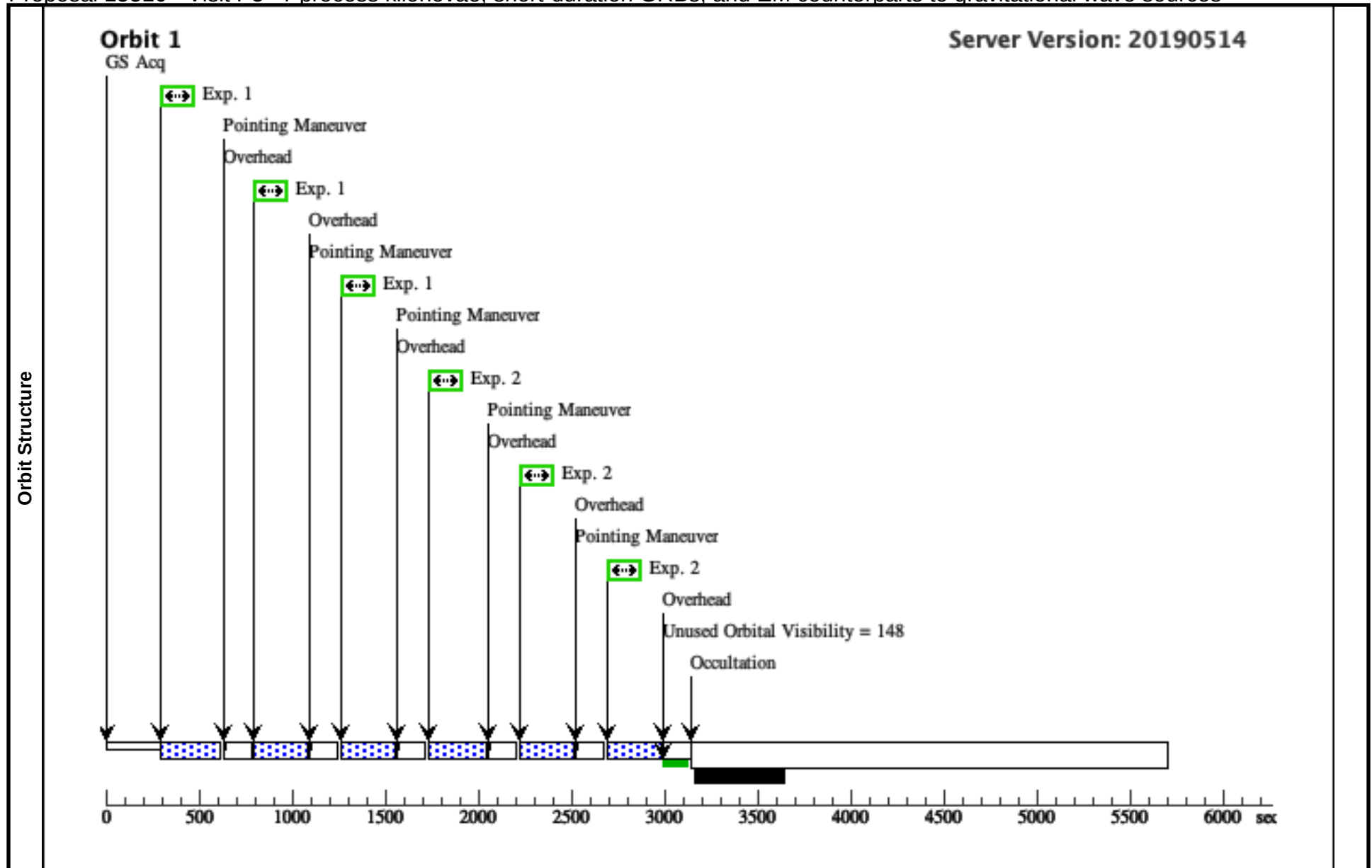
Proposal 15510 - Visit O2 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit O2, withdrawn										Mon Nov 18 20:01:18 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: ON HOLD											
On Hold Comments: Awaiting SGRB trigger												
Diagnostics	(Visit O2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=23.884 Purpose=DITHER Angle Between Sides=81.785 Number Of Points=4 Center Pattern=false Point Spacing=0.173 Line Spacing=0.112									(1)	
Generic Targets	#	Name		Criteria		Description						
	(1)	SGRB1		shortGRB 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 O2 (3)	600 Secs (2476 Secs)		
										[==>619.0 Secs (Pattern 1)]		[1]
										[==>619.0 Secs (Pattern 2)]		
									[==>619.0 Secs (Pattern 3)]			
										[==>619.0 Secs (Pattern 4)]		



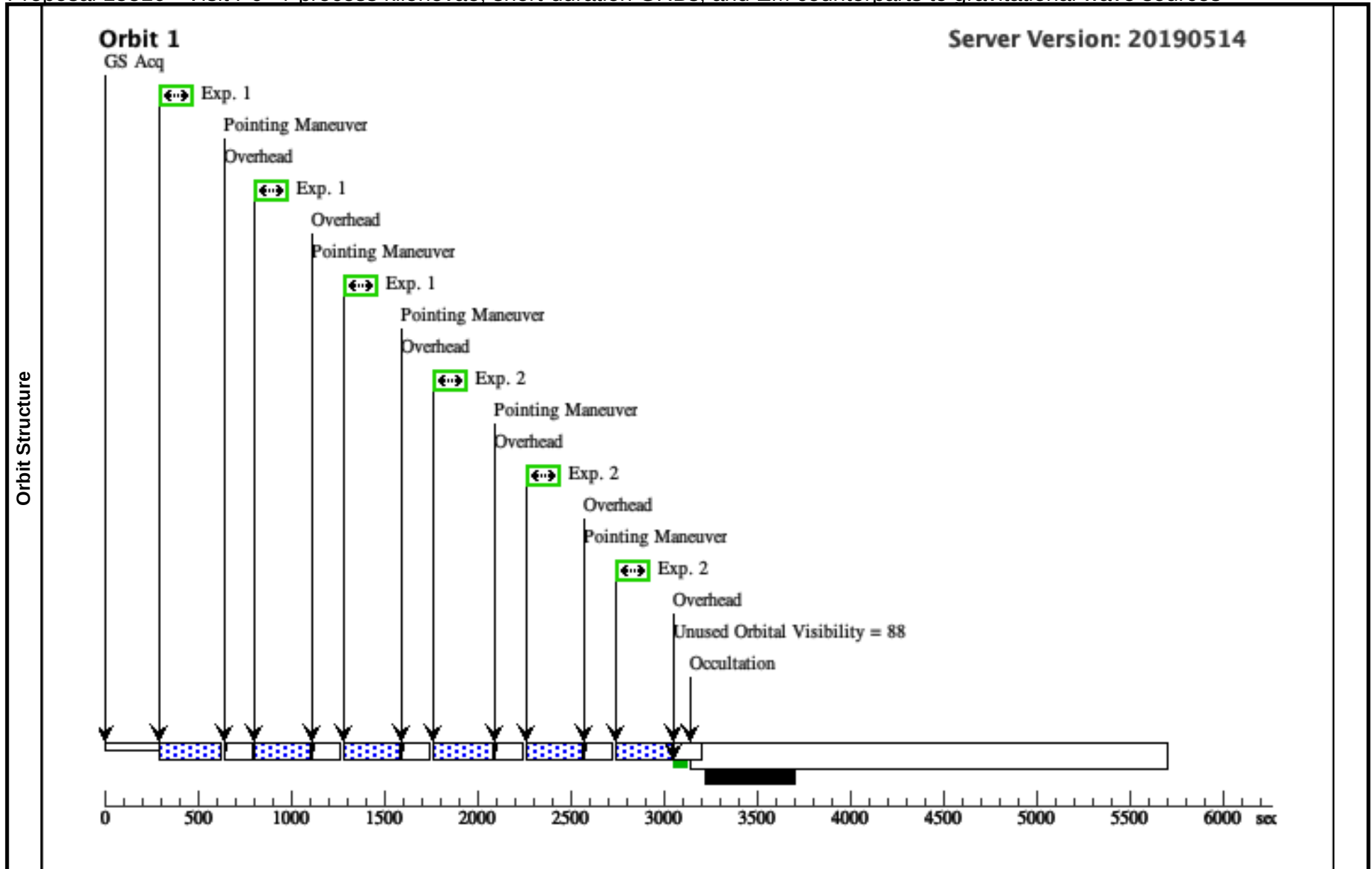
Proposal 15510 - Visit P5 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit P5, scheduling										Mon Nov 18 20:01:18 GMT 2019
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 23-NOV-2019:00:00:00 AND 29-NOV-2019:00:00:00										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(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), (2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000				V=22+/-2		Reference Frame: ICRS		
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) GRB190829A	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W			Pattern 4, Exps 1-1 in Visit P5 (4)	290 Secs (870 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
	2		(2) GRB190829A	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=5		Pattern 4, Exps 2-2 in Visit P5 (4)	290 Secs (870 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]



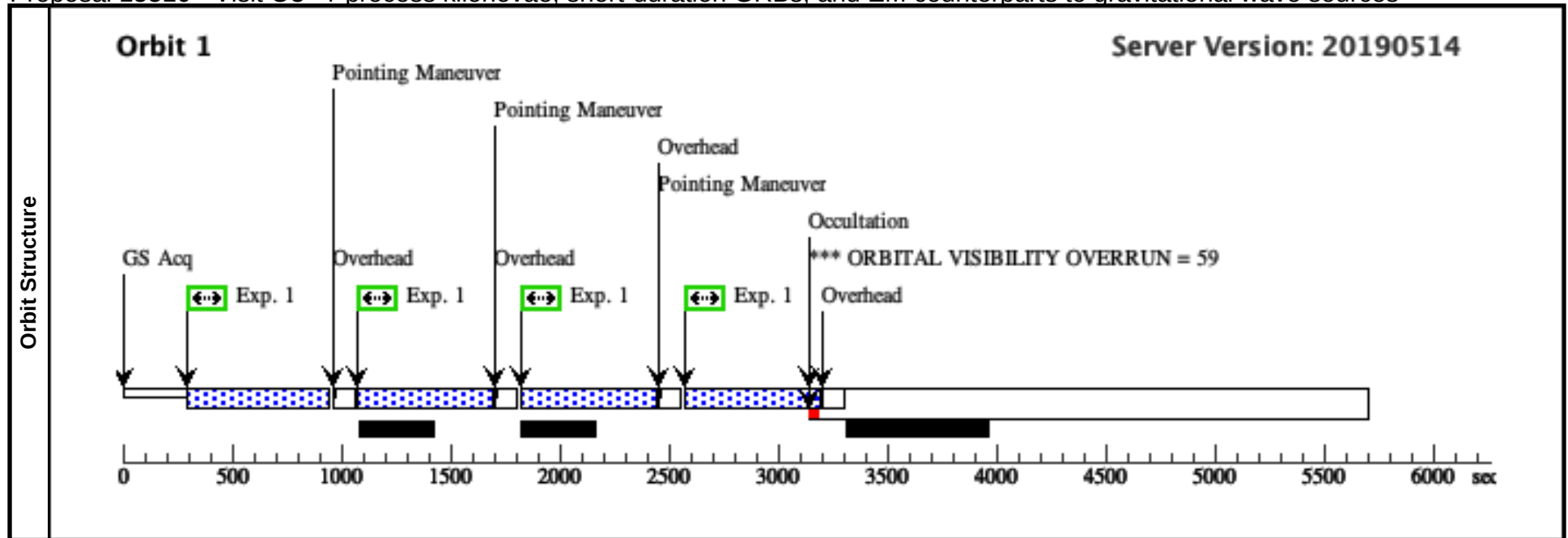
Proposal 15510 - Visit P6 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit P6, scheduling										Mon Nov 18 20:01:19 GMT 2019
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: GROUP P6,K5,K6 WITHIN 4D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(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), (2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GRB190829A	RA: 02 58 10.5100 (44.5437917d) Dec: -08 57 29.30 (-8.95814d) Equinox: J2000				V=22+/-2		Reference Frame: ICRS		
	Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) GRB190829A	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F606W			Pattern 4, Exps 1-1 in Visit P6 (4)	300 Secs (900 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
	2		(2) GRB190829A	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=5		Pattern 4, Exps 2-2 in Visit P6 (4)	300 Secs (900 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]



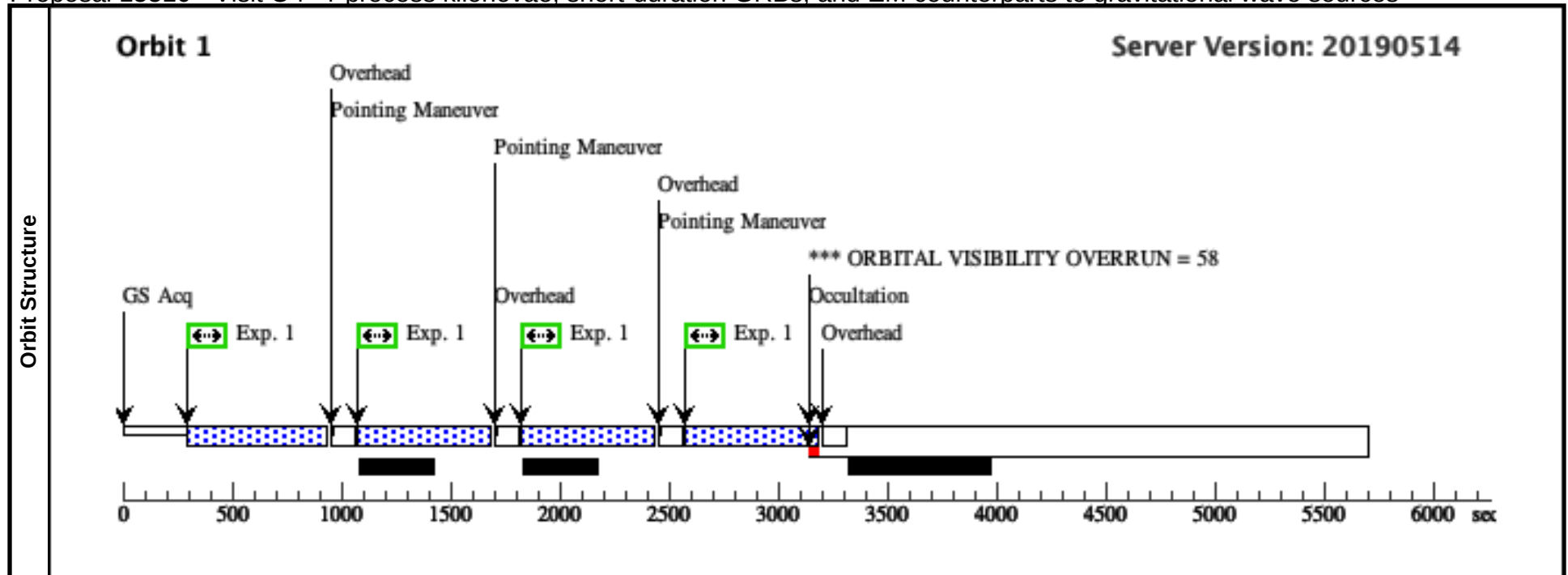
Proposal 15510 - Visit O3 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit O3, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: ON HOLD											
	On Hold Comments: Awaiting SGRB trigger											
Diagnostics	(Visit O3) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
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		shortGRB 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 (2476 Secs)		
										[==>619.0 Secs (Pattern 1)]		[1]
										[==>619.0 Secs (Pattern 2)]		
										[==>619.0 Secs (Pattern 3)]		
									[==>619.0 Secs (Pattern 4)]			



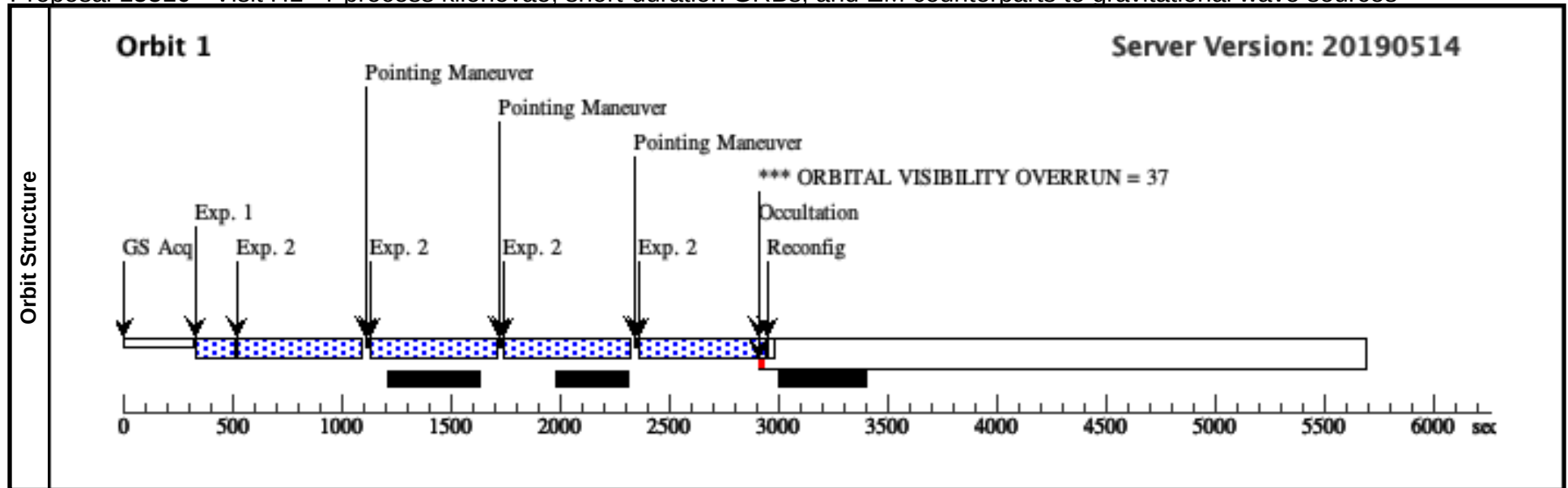
Proposal 15510 - Visit O4 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit O4, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: ON HOLD											
On Hold Comments: Awaiting SGRB trigger												
Diagnostics	(Visit O4) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX		Coordinate Frame=POS-TARG BOX						(1)		
Purpose=DITHER		Pattern Orientation=23.884										
Number Of Points=4		Angle Between Sides=81.785										
Point Spacing=0.173		Center Pattern=false										
Line Spacing=0.112												
Generic Targets	#	Name		Criteria		Description						
	(1)	SGRB1		shortGRB 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 (2460 Secs)		
										[==>615.0 Secs (Pattern 1)]		[1]
										[==>615.0 Secs (Pattern 2)]		
										[==>615.0 Secs (Pattern 3)]		
									[==>615.0 Secs (Pattern 4)]			



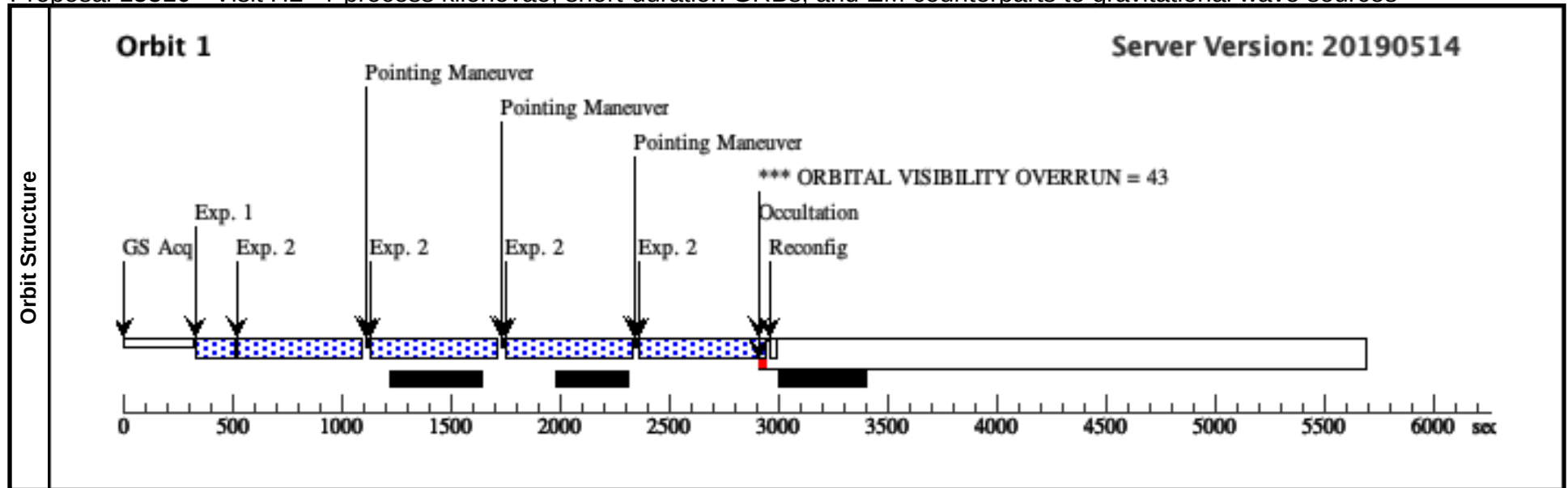
Proposal 15510 - Visit H1 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit H1, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR											
	Special Requirements: SCHED 100%; ON HOLD											
On Hold Comments: Awaiting SGRB trigger												
Diagnostics	(Visit H1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)		
Generic Targets	#	Name		Criteria		Description						
	(1)	SGRB1		shortGRB 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=4; SAMP-SEQ=SPAR S50			152.933644 Secs (152.934 Secs)		
										[==>]		[1]
	2		(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]



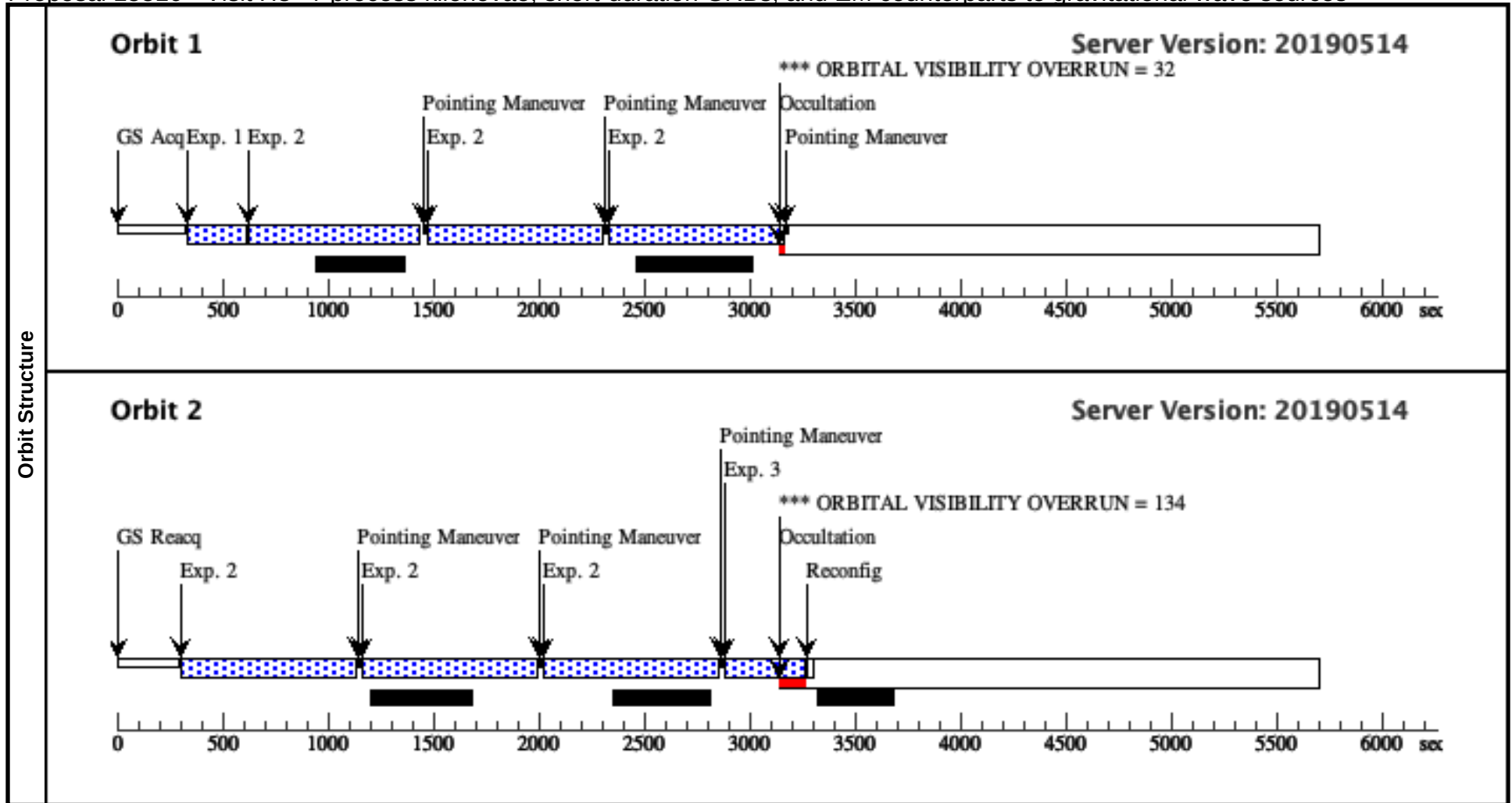
Proposal 15510 - Visit H2 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit H2, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR											
	Special Requirements: SCHED 100%; ON HOLD											
On Hold Comments: Awaiting SGRB trigger												
Diagnostics	(Visit H2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)		
Generic Targets	#	Name		Criteria		Description						
	(1)	SGRB1		shortGRB 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=4; SAMP-SEQ=SPAR S50			152.933644 Secs (152.934 Secs)		
										[==>]		[1]
	2		(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]



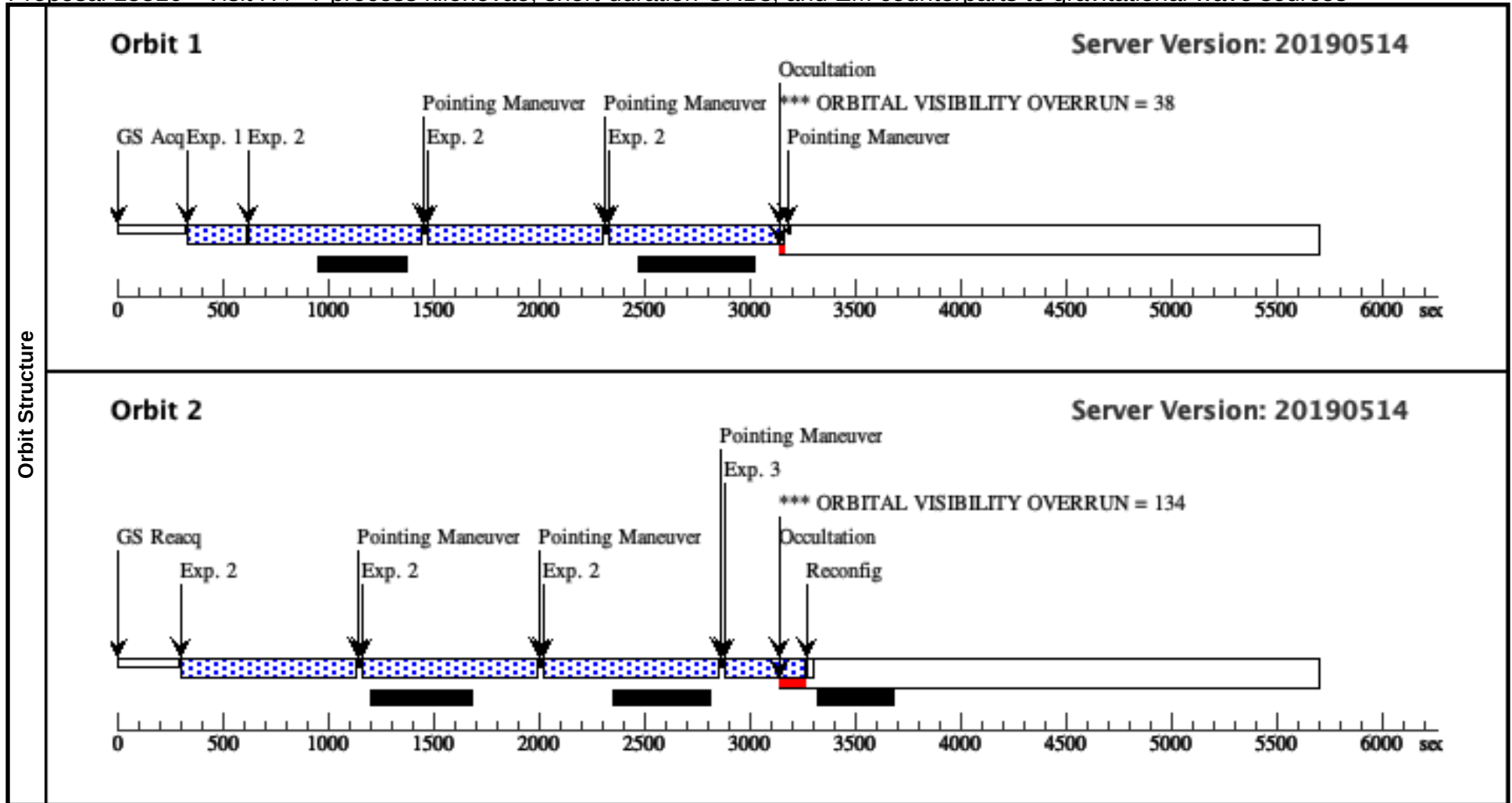
Proposal 15510 - Visit H3 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit H3, withdrawn Mon Nov 18 20:01:19 GMT 2019									
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
Diagnostics	(Visit H3) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit H3) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
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	shortGRB z<0.4							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	
	1		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=10; SAMP-SEQ=STEP50			249.23203 Secs (249.232 Secs)	
									[==>]	[1]
	2		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=14; SAMP-SEQ=STEP100		Pattern 2, Exps 2-2 in Visit H3 (2)	799.232938 Secs (4795.398 Secs)	
									[==>(Pattern 1,1)]	
									[==>(Pattern 1,2)]	[1]
									[==>(Pattern 1,3)]	
									[==>(Pattern 2,1)]	
									[==>(Pattern 2,2)]	[2]
									[==>(Pattern 2,3)]	
	3		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=STEP50	POS TARG 0.474,0.424		349.232932 Secs (349.233 Secs)	
									[==>]	[2]



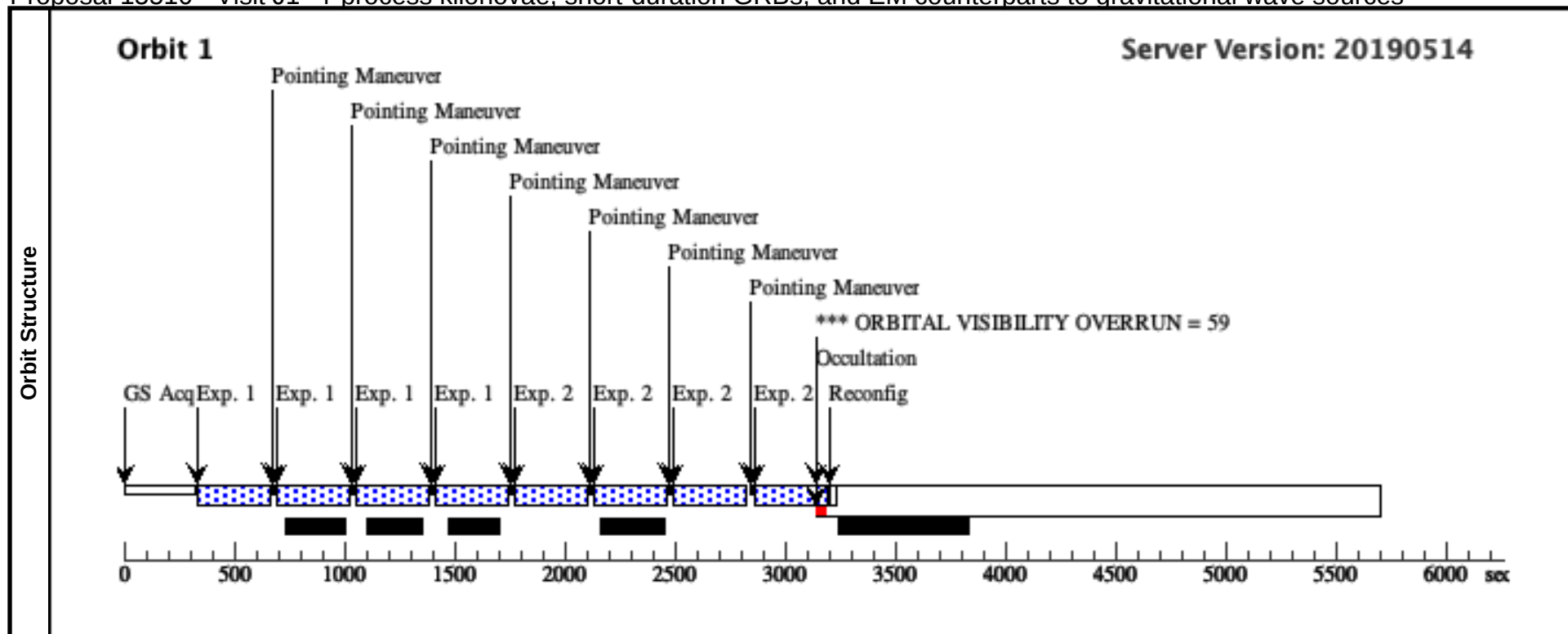
Proposal 15510 - Visit H4 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit H4, withdrawn Mon Nov 18 20:01:19 GMT 2019									
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
Diagnostics	(Visit H4) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit H4) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
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	shortGRB 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=STEP50			249.23203 Secs (249.232 Secs) [==>]	[1]
	2		(1) SGRB1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=STEP100		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=STEP50	POS TARG 0.474,0.424		349.232932 Secs (349.233 Secs) [==>]	[2]



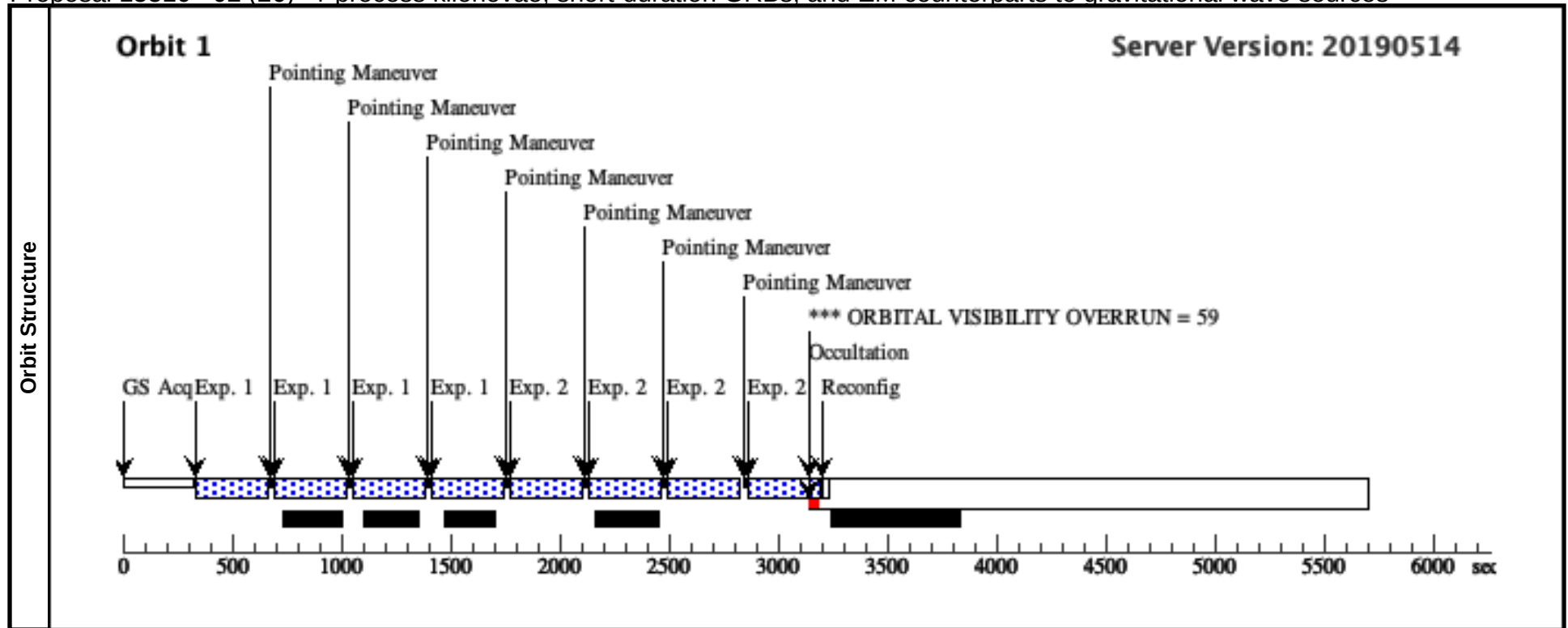
Proposal 15510 - Visit J1 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit J1, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR											
	Special Requirements: ON HOLD											
	On Hold Comments: Awaiting SGRB trigger											
Diagnostics	(Visit J1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1), (2)		
Generic Targets	#	Name		Criteria		Description						
	(1)	SGRB1		shortGRB 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=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	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]



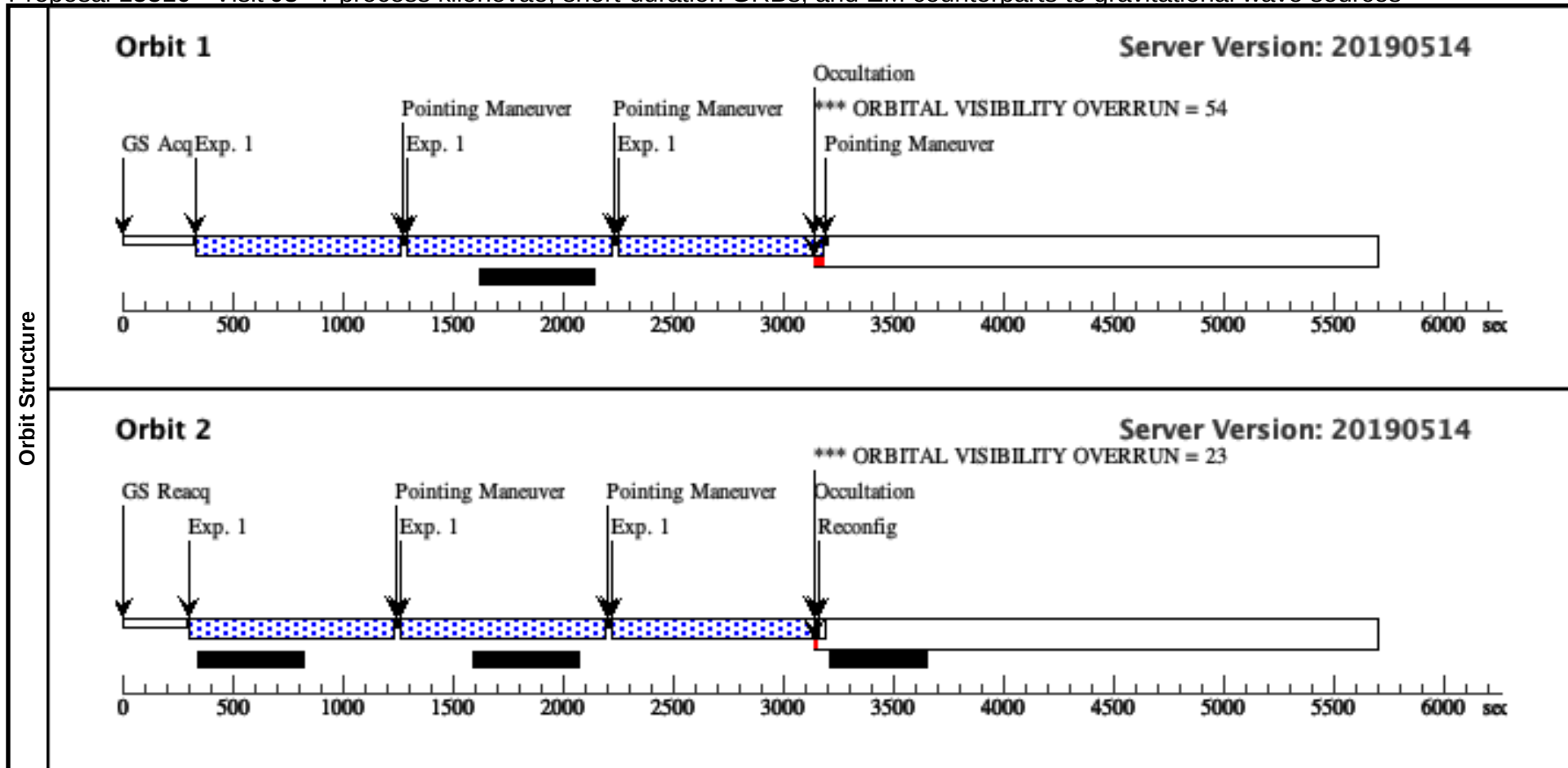
Proposal 15510 - J2 (26) - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, J2 (26), withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR											
	Special Requirements: ON HOLD											
	On Hold Comments: Awaiting SGRB trigger											
Diagnostics	(J2 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1), (2)		
Generic Targets	#	Name		Criteria		Description						
	(1)	SGRB1		shortGRB 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=9		Pattern 1, Exps 1-1 in J2 (26) (1)	299.231323 Secs (1196.925 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(1) SGRB1	WFC3/IR, MULTIACCUM, IR		F160W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 1, Exps 2-2 in J2 (26) (1)	299.231323 Secs (1196.925 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



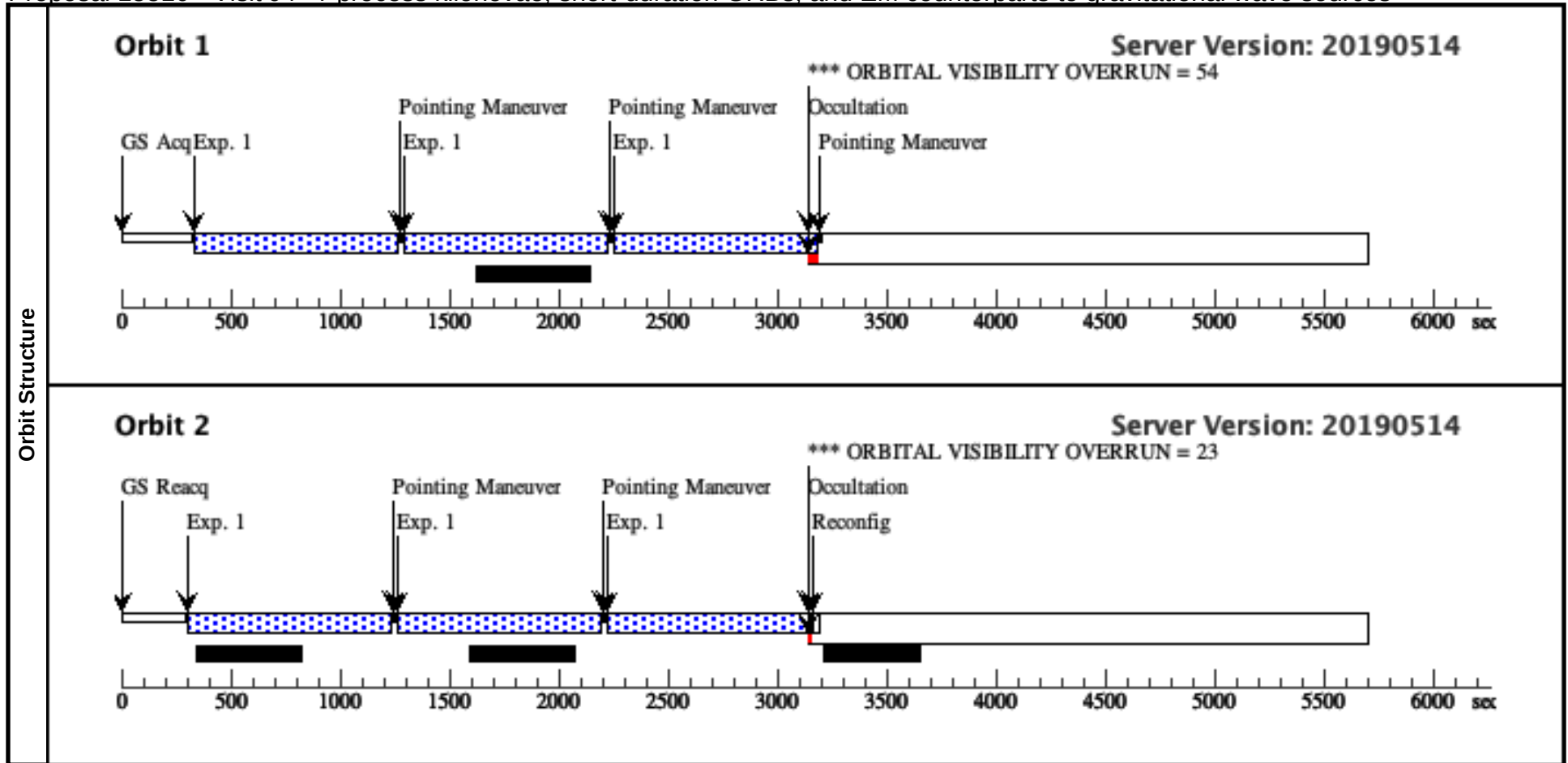
Proposal 15510 - Visit J3 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit J3, withdrawn Mon Nov 18 20:01:19 GMT 2019									
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
Diagnostics	(Visit J3) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit J3) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
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	shortGRB 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)]	[1]
									[==>(Pattern 1,3)]	
									[==>(Pattern 2,1)]	
									[==>(Pattern 2,2)]	[2]
									[==>(Pattern 2,3)]	



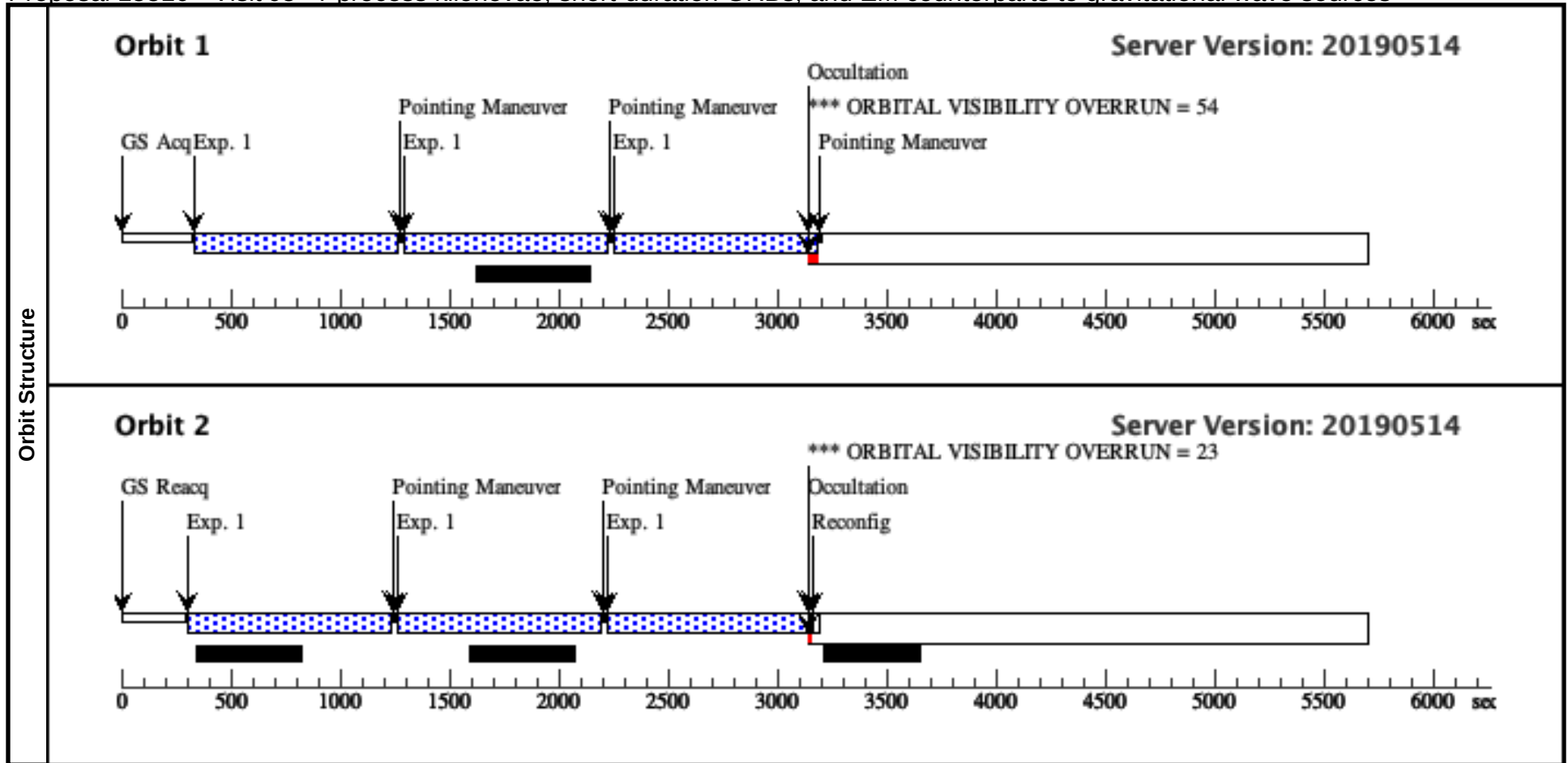
Proposal 15510 - Visit J4 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit J4, withdrawn										Mon Nov 18 20:01:19 GMT 2019
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR										
	Special Requirements: ON HOLD										
	On Hold Comments: Awaiting SGRB trigger										
Diagnostics	(Visit J4) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit J4) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
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	shortGRB 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)]		[1]
									[==>(Pattern 1,3)]		
									[==>(Pattern 2,1)]		
									[==>(Pattern 2,2)]		[2]
									[==>(Pattern 2,3)]		



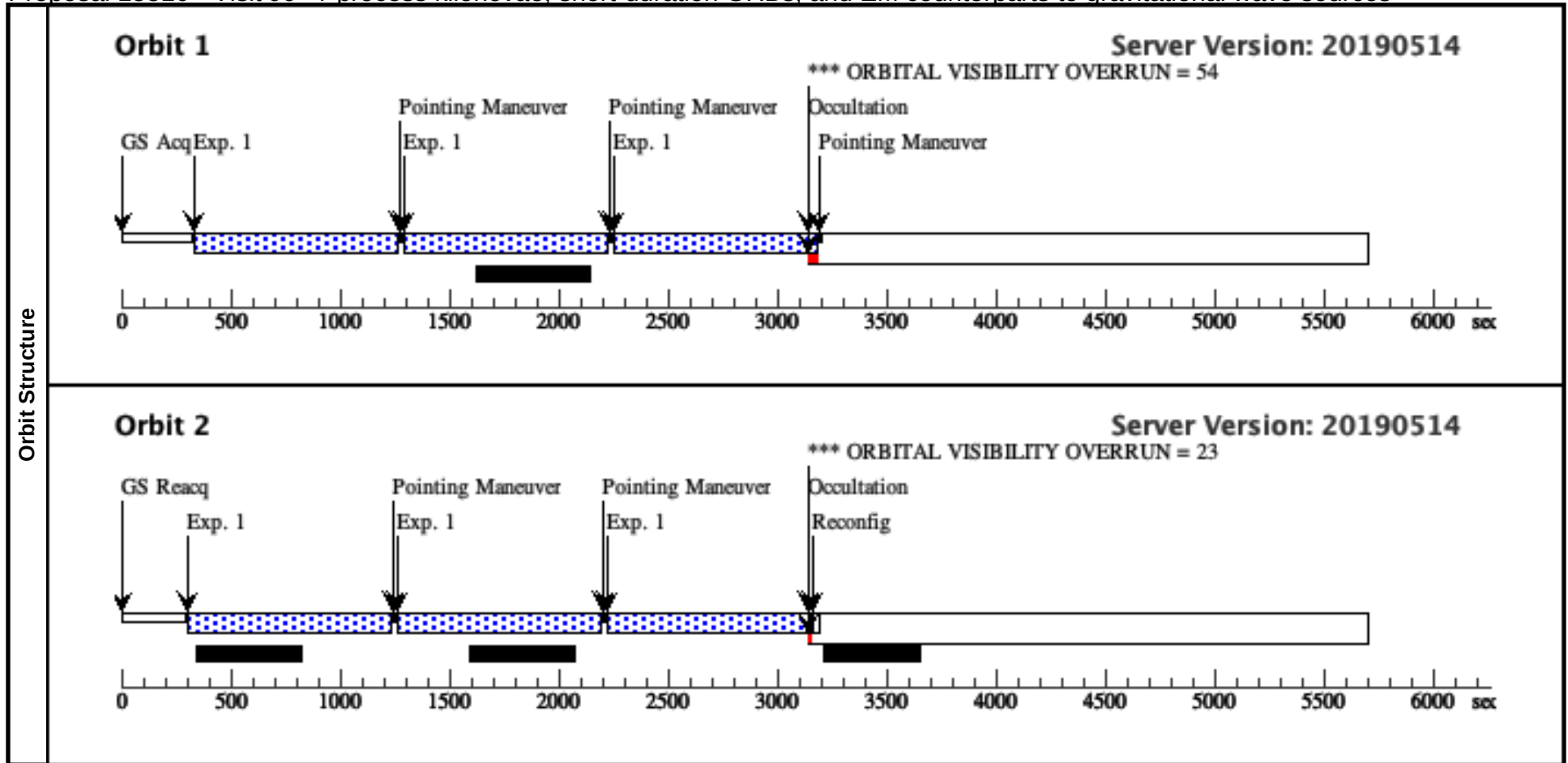
Proposal 15510 - Visit J5 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit J5, withdrawn Mon Nov 18 20:01:19 GMT 2019									
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
Diagnostics	(Visit J5) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit J5) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
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	shortGRB 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)]	[1]
									[==>(Pattern 1,3)]	
									[==>(Pattern 2,1)]	
									[==>(Pattern 2,2)]	[2]
									[==>(Pattern 2,3)]	



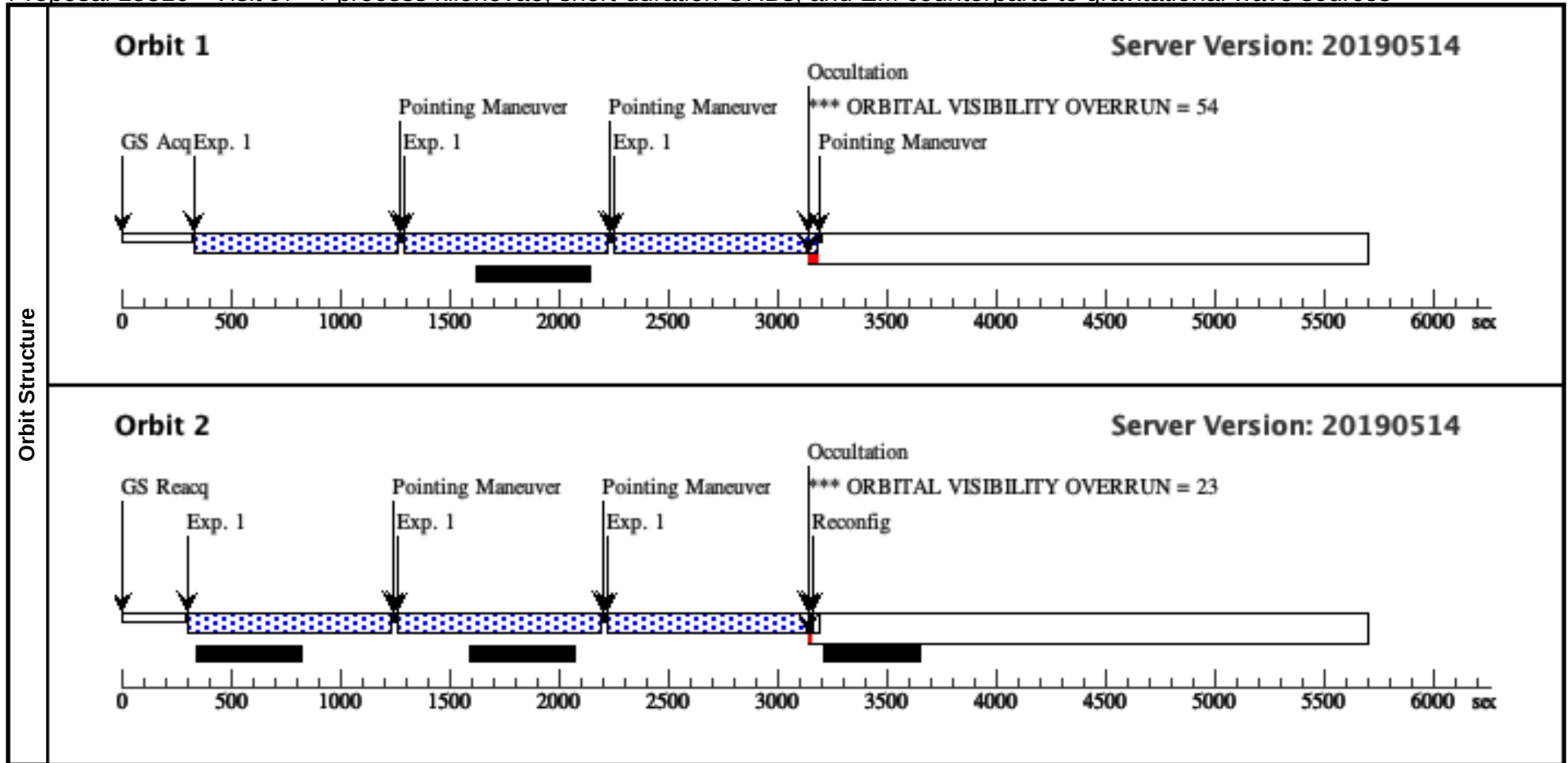
Proposal 15510 - Visit J6 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit J6, withdrawn Mon Nov 18 20:01:19 GMT 2019									
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
Diagnostics	(Visit J6) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit J6) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
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	shortGRB 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 15510 - Visit J7 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit J7, withdrawn Mon Nov 18 20:01:19 GMT 2019									
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ON HOLD <i>On Hold Comments: Awaiting SGRB trigger</i>									
Diagnostics	(Visit J7) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit J7) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
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	shortGRB 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)]	[1]
									[==>(Pattern 1,3)]	
									[==>(Pattern 2,1)]	
									[==>(Pattern 2,2)]	[2]
									[==>(Pattern 2,3)]	



Proposal 15510 - Visit J8 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit J8, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	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	shortGRB 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]	
Orbit Structure	Orbit 1											Server Version: 20190514

Proposal 15510 - Visit J9 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit J9, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	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	shortGRB 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)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20190514

Proposal 15510 - Visit JA - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit JA, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	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	shortGRB 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]	
Orbit Structure	Orbit 1											Server Version: 20190514
	The diagram illustrates the timeline of Orbit 1, spanning from 0 to 6000 seconds. Key events include: GS Acq: Ground Station Acquisition at approximately 100 seconds. Exp. 1: Four exposure periods, each lasting 185 seconds, occurring at approximately 300, 1000, 1600, and 2300 seconds. Pointing Maneuver: Three maneuvers occurring at approximately 1000, 1600, and 2300 seconds. Reconfig: A reconfiguration event at approximately 3000 seconds. Occultation: A period of occultation starting at approximately 3000 seconds and lasting 185 seconds. Unused Orbital Visibility: A period of 185 seconds of unused orbital visibility following the occultation.											

Proposal 15510 - Visit JB - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

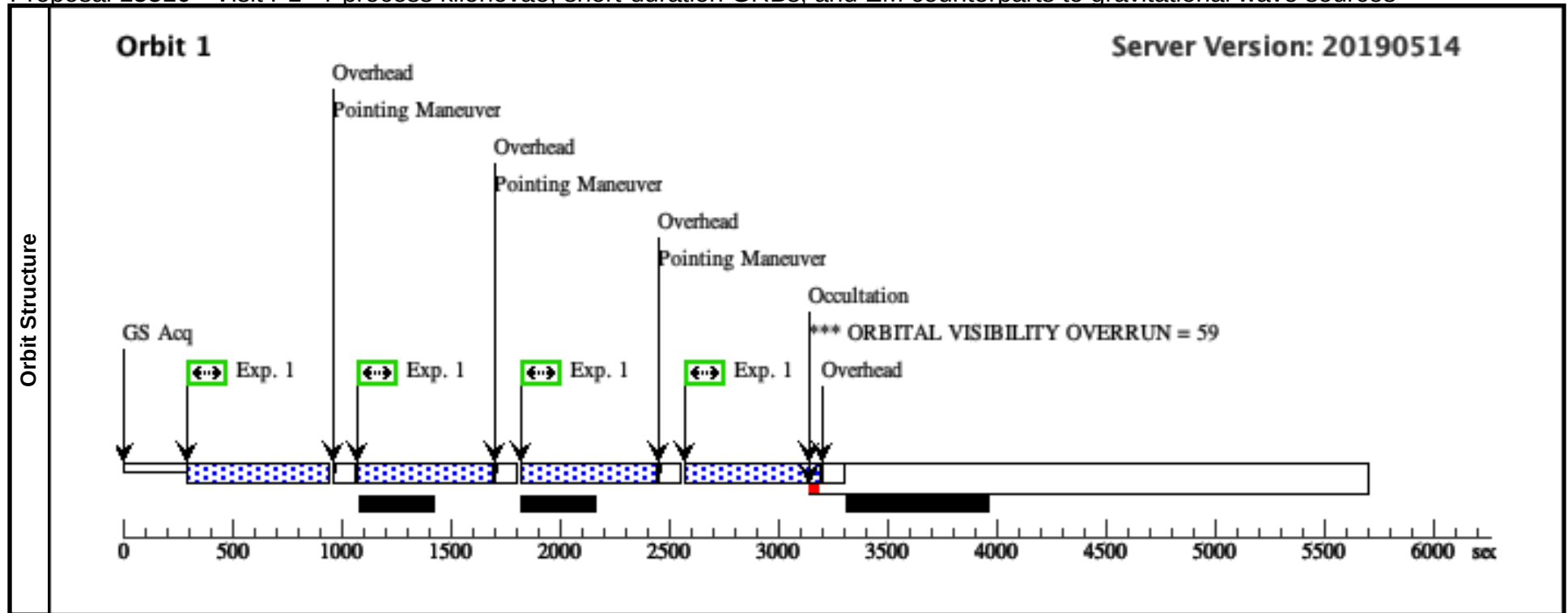
Visit	Proposal 15510, Visit JB, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR											
	Special Requirements: ON HOLD											
On Hold Comments: Awaiting SGRB trigger												
Patterns	#	Primary Pattern				Secondary 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	shortGRB 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) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20190514

Proposal 15510 - Visit JC - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit JC, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	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	shortGRB 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)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20190514

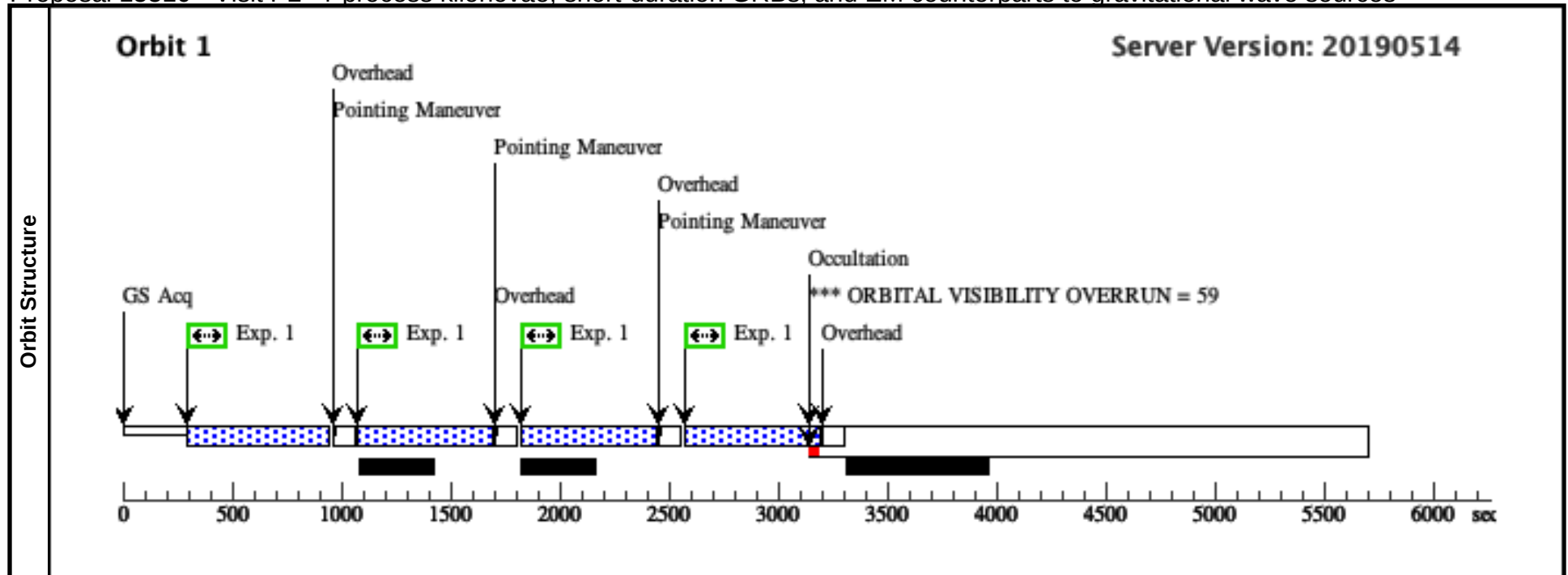
Proposal 15510 - Visit P1 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit P1, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: ON HOLD											
	On Hold Comments: Awaiting SGRB trigger											
Diagnostics	(Visit P1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
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		shortGRB 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 (2476 Secs)		
										[==>619.0 Secs (Pattern 1)]		[1]
										[==>619.0 Secs (Pattern 2)]		
										[==>619.0 Secs (Pattern 3)]		
									[==>619.0 Secs (Pattern 4)]			



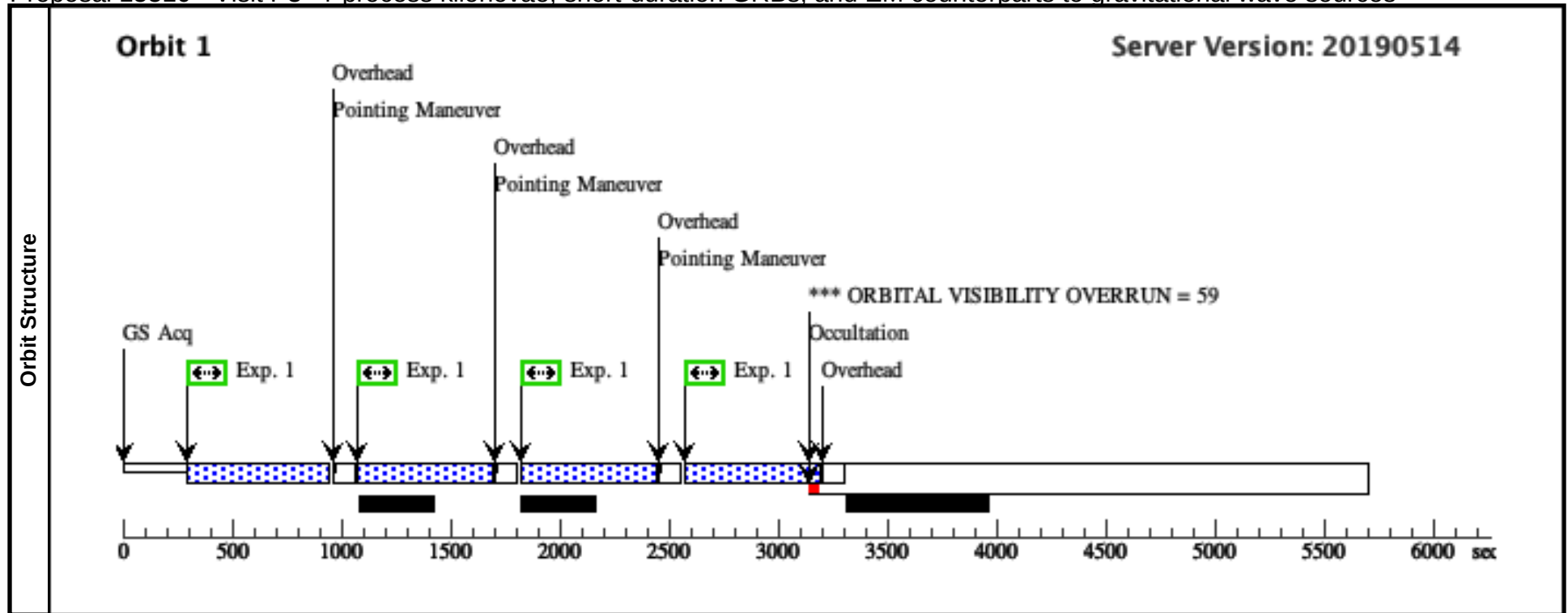
Proposal 15510 - Visit P2 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit P2, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: ON HOLD											
	On Hold Comments: Awaiting SGRB trigger											
Diagnostics	(Visit P2) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
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		shortGRB 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 (2476 Secs)		
										[==>619.0 Secs (Pattern 1)]		[1]
										[==>619.0 Secs (Pattern 2)]		
										[==>619.0 Secs (Pattern 3)]		
									[==>619.0 Secs (Pattern 4)]			



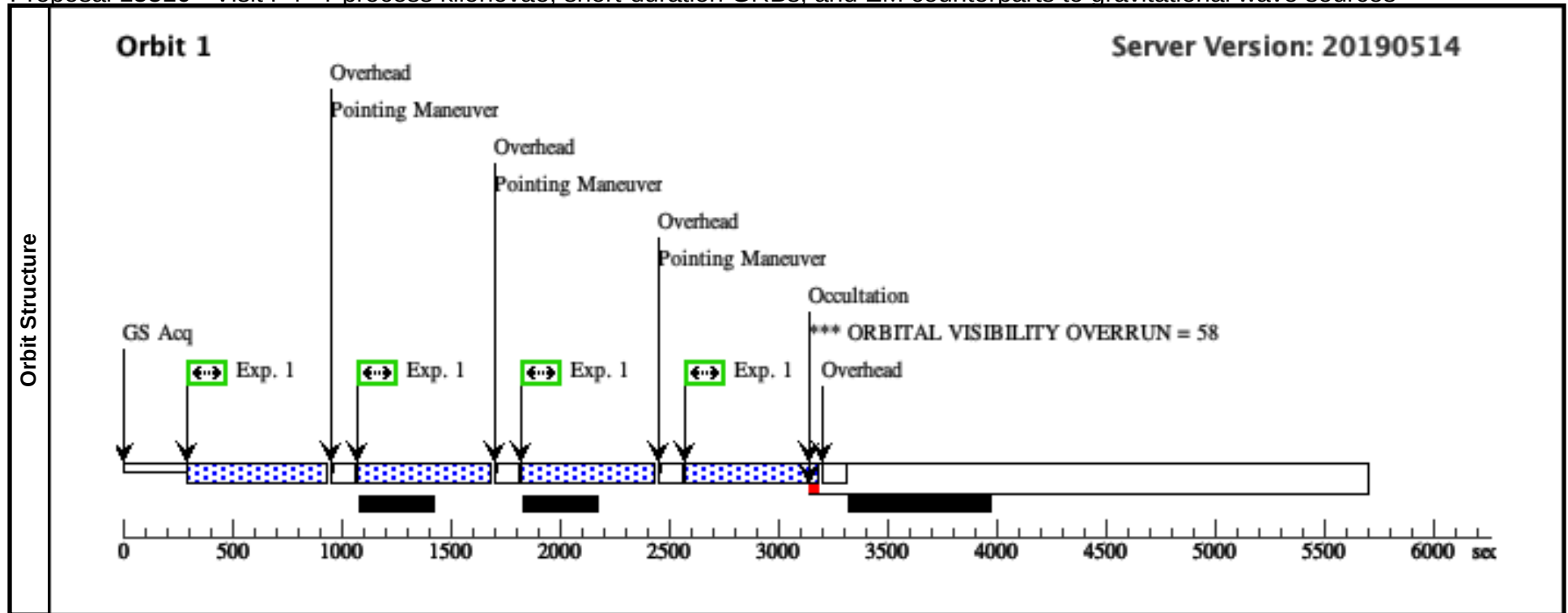
Proposal 15510 - Visit P3 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit P3, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: ON HOLD											
	On Hold Comments: Awaiting SGRB trigger											
Diagnostics	(Visit P3) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
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		shortGRB 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 (2476 Secs)		
										[==>619.0 Secs (Pattern 1)]		[1]
										[==>619.0 Secs (Pattern 2)]		
										[==>619.0 Secs (Pattern 3)]		
									[==>619.0 Secs (Pattern 4)]			



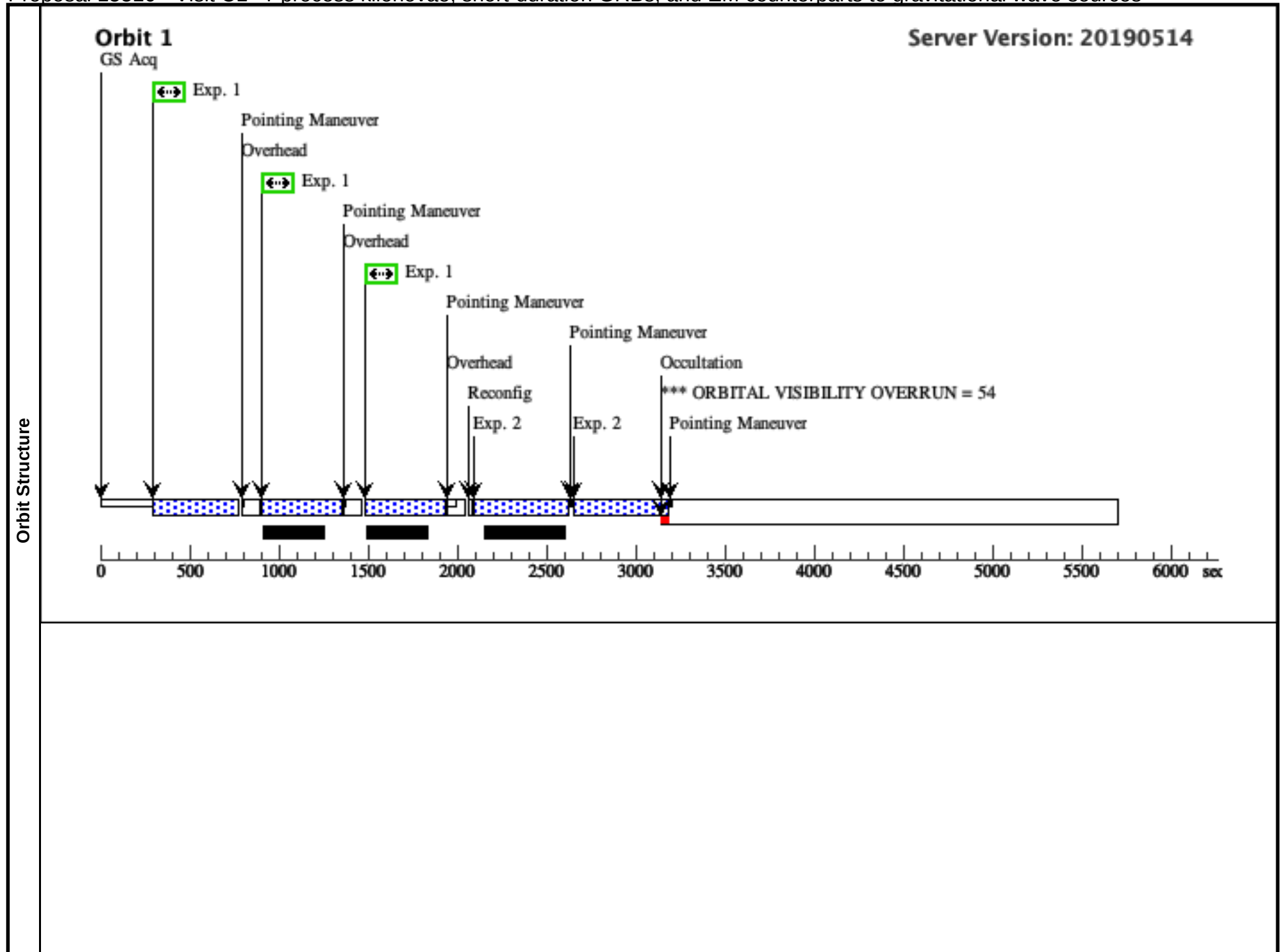
Proposal 15510 - Visit P4 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

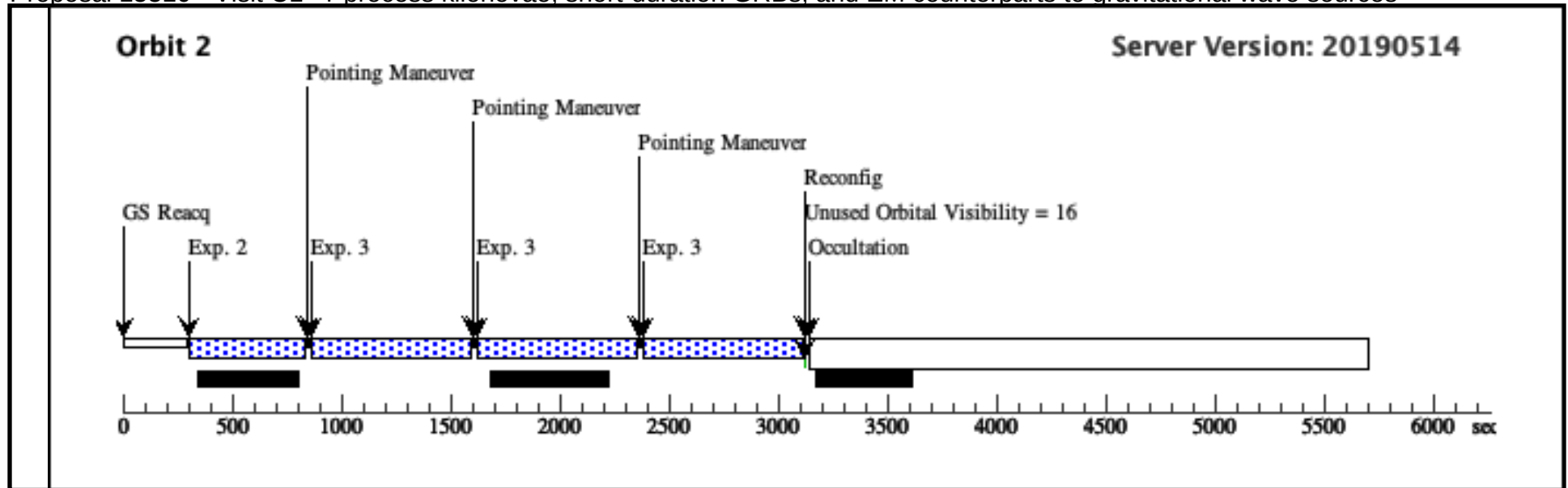
Visit	Proposal 15510, Visit P4, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: ON HOLD											
	On Hold Comments: Awaiting SGRB trigger											
Diagnostics	(Visit P4) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
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		shortGRB 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 (2460 Secs)		
										[==>615.0 Secs (Pattern 1)]		[1]
										[==>615.0 Secs (Pattern 2)]		
										[==>615.0 Secs (Pattern 3)]		
									[==>615.0 Secs (Pattern 4)]			



Proposal 15510 - Visit C1 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

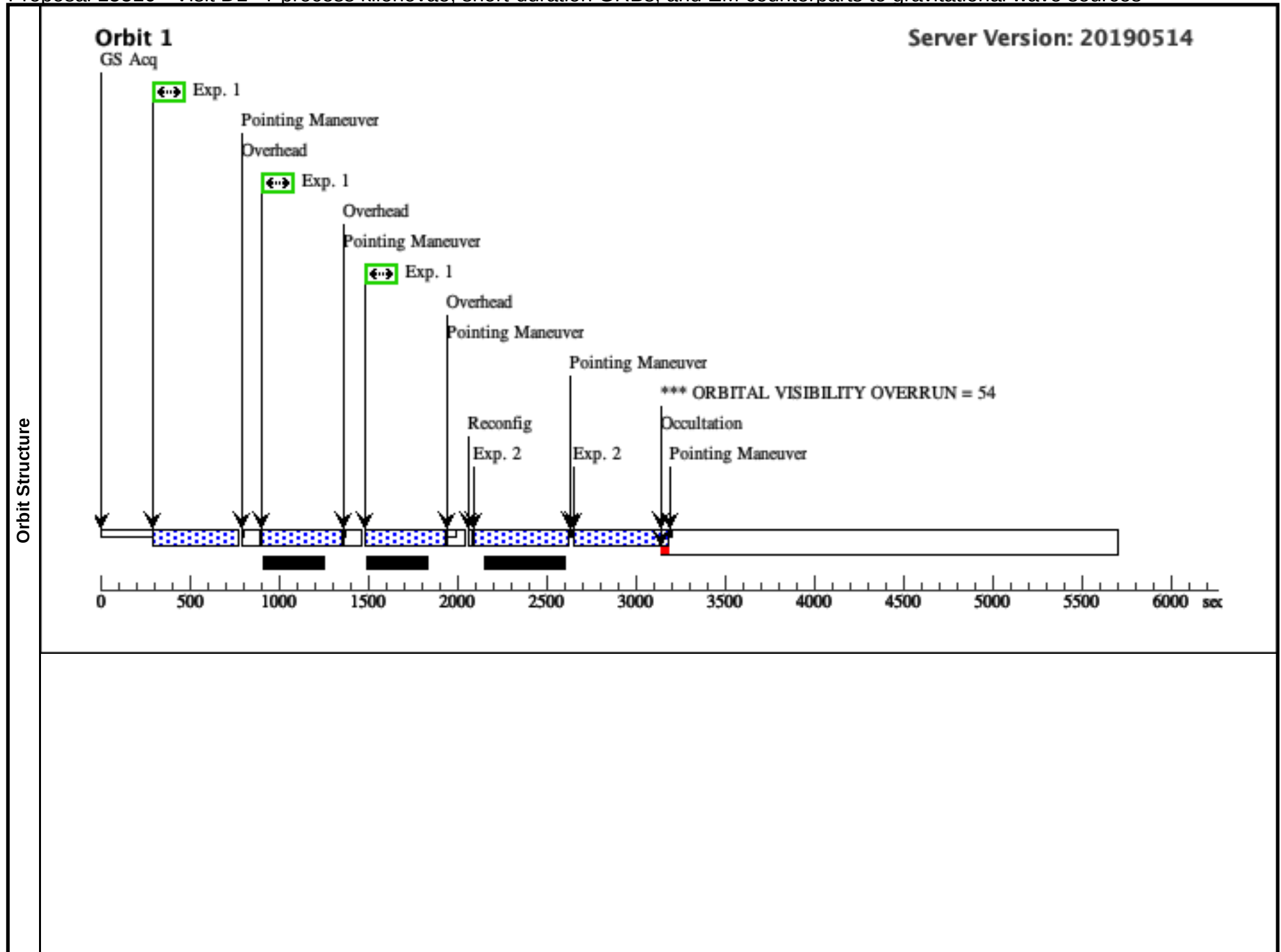
Visit	Proposal 15510, Visit C1, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: ON HOLD											
On Hold Comments: Awaiting SGRB trigger												
Diagnostics	(Visit C1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(4)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=								(1)		
	(5)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.605 Line Spacing=								(2), (3)		
Generic Targets	#	Name	Criteria		Description							
	(1)	SGRB1	shortGRB 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)]			
									[==>(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)]				

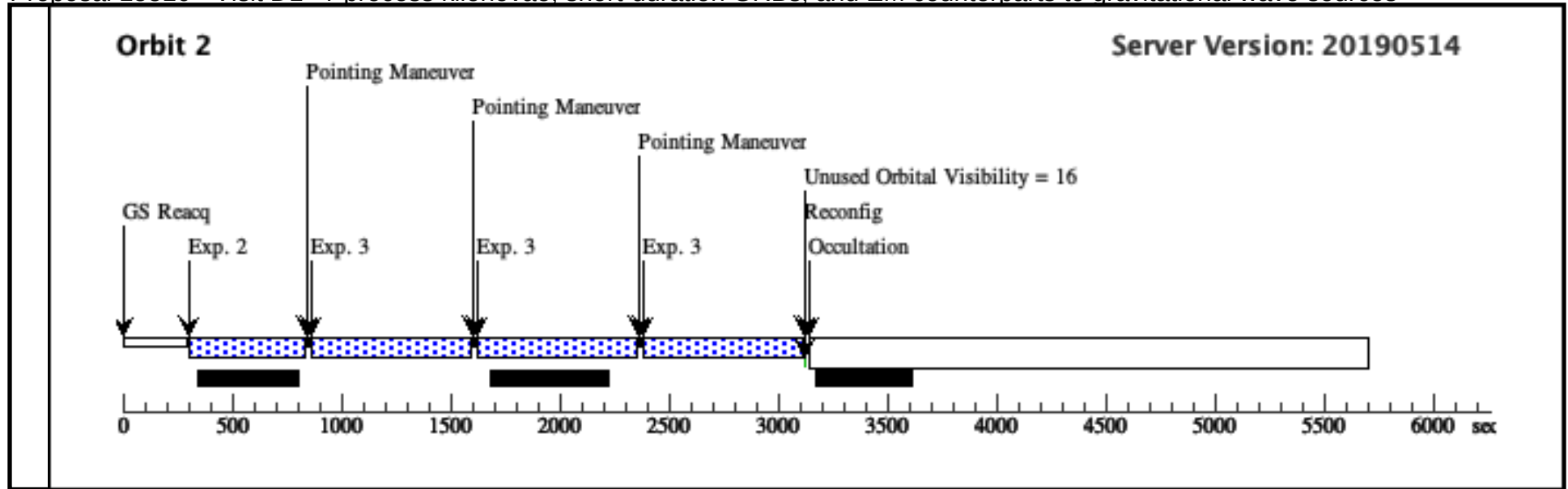




Proposal 15510 - Visit D1 - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit D1, withdrawn										Mon Nov 18 20:01:19 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: ON HOLD											
On Hold Comments: Awaiting SGRB trigger												
Diagnostics	(Visit D1) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(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	shortGRB 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)]			
									[==>(Pattern 3)]			
											[2]	
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)]			





Proposal 15510 - Visit AA - r-process kilonovae, short-duration GRBs, and EM counterparts to gravitational wave sources

Visit	Proposal 15510, Visit AA, withdrawn										Mon Nov 18 20:01:19 GMT 2019		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: ACS/WFC												
	Special Requirements: SCHED 100%												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(6)	Pattern Type=LINE			Coordinate Frame=POS-TARG							(1), (2)	
	Purpose=DITHER			Pattern Orientation=47.23									
	Number Of Points=3			Angle Between Sides=									
	Point Spacing=0.170			Center Pattern=false									
Line Spacing=													
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(2)	GRB190829A		RA: 02 58 10.5100 (44.5437917d)				V=22+/-2		Reference Frame: ICRS			
			Dec: -08 57 29.30 (-8.95814d)										
			Equinox: J2000										
Comments: Category=UNIDENTIFIED Description=[X-RAY EMITTER]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) GRB190829A	ACS/WFC, ACCUM, WFC2C-2K		F606W			Pattern 6, Exps 1-1 i n Visit AA (6)	250 Secs (750 Secs)			
										[==>(Pattern 1)]			
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
	2		(2) GRB190829A	ACS/WFC, ACCUM, WFC2C-2K		F814W			Pattern 6, Exps 2-2 i n Visit AA (6)	250 Secs (750 Secs)			
[==>(Pattern 1)]													
[==>(Pattern 2)]													
[==>(Pattern 3)]		[1]											

