



14216 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Cycle: 23, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Proposal 14216 (STScI Edit Number: 25, Created: Tuesday, August 1, 2017 2:02:41 PM EST) - Overview

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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>
A1	(1) DES15E2UC	WFC3/IR	1	01-Aug-2017 15:01:23.0	yes
A2	(1) DES15E2UC	WFC3/IR	1	01-Aug-2017 15:01:24.0	yes
A3	(1) DES15E2UC	WFC3/IR	1	01-Aug-2017 15:01:25.0	yes
A4	(1) DES15E2UC	WFC3/IR	1	01-Aug-2017 15:01:26.0	yes
B1	(26) DES15X2KVT	WFC3/IR	1	01-Aug-2017 15:01:26.0	yes
B2	(26) DES15X2KVT	WFC3/IR	1	01-Aug-2017 15:01:27.0	yes
B3	(26) DES15X2KVT	WFC3/IR	1	01-Aug-2017 15:01:28.0	yes
B4	(26) DES15X2KVT	WFC3/IR	1	01-Aug-2017 15:01:28.0	yes
C1	(27) DES15E2MHY	WFC3/IR	1	01-Aug-2017 15:01:29.0	yes
C2	(27) DES15E2MHY	WFC3/IR	1	01-Aug-2017 15:01:30.0	yes
C3	(27) DES15E2MHY	WFC3/IR	1	01-Aug-2017 15:01:30.0	yes
C4	(27) DES15E2MHY	WFC3/IR	1	01-Aug-2017 15:01:31.0	yes
D1	(28) DES15X2MEY	WFC3/IR	1	01-Aug-2017 15:01:32.0	yes
D2	(28) DES15X2MEY	WFC3/IR	1	01-Aug-2017 15:01:33.0	yes
D3	(28) DES15X2MEY	WFC3/IR	1	01-Aug-2017 15:01:33.0	yes
D4	(28) DES15X2MEY	WFC3/IR	1	01-Aug-2017 15:01:34.0	yes
E1	(29) DES15C1NHV	WFC3/IR	1	01-Aug-2017 15:01:34.0	yes
E2	(29) DES15C1NHV	WFC3/IR	1	01-Aug-2017 15:01:35.0	yes
E3	(29) DES15C1NHV	WFC3/IR	1	01-Aug-2017 15:01:36.0	yes

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<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>
E4	(29) DES15C1NHV	WFC3/IR	1	01-Aug-2017 15:01:36.0	yes
F1	(30) DES15X2NKZ	WFC3/IR	1	01-Aug-2017 15:01:37.0	yes
F2	(30) DES15X2NKZ	WFC3/IR	1	01-Aug-2017 15:01:38.0	yes
F3	(30) DES15X2NKZ	WFC3/IR	1	01-Aug-2017 15:01:38.0	yes
F4	(30) DES15X2NKZ	WFC3/IR	1	01-Aug-2017 15:01:39.0	yes
G1	(31) DES15E2NLZ	WFC3/IR	1	01-Aug-2017 15:01:40.0	yes
G2	(31) DES15E2NLZ	WFC3/IR	1	01-Aug-2017 15:01:40.0	yes
G3	(31) DES15E2NLZ	WFC3/IR	1	01-Aug-2017 15:01:41.0	yes
G4	(31) DES15E2NLZ	WFC3/IR	1	01-Aug-2017 15:01:42.0	yes
H1	(32) DES15C3ODZ	WFC3/IR	1	01-Aug-2017 15:01:42.0	yes
H2	(32) DES15C3ODZ	WFC3/IR	1	01-Aug-2017 15:01:43.0	yes
H3	(32) DES15C3ODZ	WFC3/IR	1	01-Aug-2017 15:01:43.0	yes
H4	(32) DES15C3ODZ	WFC3/IR	1	01-Aug-2017 15:01:44.0	yes
I1	(50) DES16E1DCX	WFC3/IR	1	01-Aug-2017 15:01:45.0	yes
I2	(50) DES16E1DCX	WFC3/IR	1	01-Aug-2017 15:01:46.0	yes
I3	(50) DES16E1DCX	WFC3/IR	1	01-Aug-2017 15:01:47.0	yes
I4	(50) DES16E1DCX	WFC3/IR	1	01-Aug-2017 15:01:48.0	yes
J1	(34) SNABELL370	WFC3/IR	1	01-Aug-2017 15:01:48.0	yes
J2	(34) SNABELL370	WFC3/IR	1	01-Aug-2017 15:01:49.0	yes
J3	(34) SNABELL370	WFC3/IR	1	01-Aug-2017 15:01:50.0	yes
J4	(34) SNABELL370	WFC3/IR	1	01-Aug-2017 15:01:50.0	yes
K1	(35) DES16S2AFZ	WFC3/IR	1	01-Aug-2017 15:01:51.0	yes
K2	(35) DES16S2AFZ	WFC3/IR	1	01-Aug-2017 15:01:52.0	yes
K3	(35) DES16S2AFZ	WFC3/IR	1	01-Aug-2017 15:01:52.0	yes
K4	(35) DES16S2AFZ	WFC3/IR	1	01-Aug-2017 15:01:53.0	yes

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<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>
L1	(36) DES16E2RD	WFC3/IR	1	01-Aug-2017 15:01:53.0	yes
L2	(36) DES16E2RD	WFC3/IR	1	01-Aug-2017 15:01:54.0	yes
L3	(36) DES16E2RD	WFC3/IR	1	01-Aug-2017 15:01:55.0	yes
L4	(36) DES16E2RD	WFC3/IR	1	01-Aug-2017 15:01:55.0	yes
M1	(37) DES16X3ZD	WFC3/IR	1	01-Aug-2017 15:01:56.0	yes
M2	(37) DES16X3ZD	WFC3/IR	1	01-Aug-2017 15:01:57.0	yes
M3	(37) DES16X3ZD	WFC3/IR	1	01-Aug-2017 15:01:57.0	yes
M4	(37) DES16X3ZD	WFC3/IR	1	01-Aug-2017 15:01:58.0	yes
N1	(38) DES16S1AGD	WFC3/IR	1	01-Aug-2017 15:01:58.0	yes
N2	(38) DES16S1AGD	WFC3/IR	1	01-Aug-2017 15:01:59.0	yes
N3	(38) DES16S1AGD	WFC3/IR	1	01-Aug-2017 15:02:00.0	yes
N4	(38) DES16S1AGD	WFC3/IR	1	01-Aug-2017 15:02:01.0	yes
O1	(39) DES16S1BNO	WFC3/IR	1	01-Aug-2017 15:02:02.0	yes
O2	(39) DES16S1BNO	WFC3/IR	1	01-Aug-2017 15:02:03.0	yes
O3	(39) DES16S1BNO	WFC3/IR	1	01-Aug-2017 15:02:03.0	yes
O4	(39) DES16S1BNO	WFC3/IR	1	01-Aug-2017 15:02:04.0	yes
P1	(40) DES16C3CMY	WFC3/IR	1	01-Aug-2017 15:02:05.0	yes
P2	(40) DES16C3CMY	WFC3/IR	1	01-Aug-2017 15:02:05.0	yes
P3	(40) DES16C3CMY	WFC3/IR	1	01-Aug-2017 15:02:06.0	yes
P4	(40) DES16C3CMY	WFC3/IR	1	01-Aug-2017 15:02:06.0	yes
Q1	(41) DES16C1CIM	WFC3/IR	1	01-Aug-2017 15:02:07.0	yes
Q2	(41) DES16C1CIM	WFC3/IR	1	01-Aug-2017 15:02:08.0	yes
Q3	(41) DES16C1CIM	WFC3/IR	1	01-Aug-2017 15:02:08.0	yes
Q4	(41) DES16C1CIM	WFC3/IR	1	01-Aug-2017 15:02:09.0	yes
R1	(42) DES16E2CLK	WFC3/IR	1	01-Aug-2017 15:02:10.0	yes

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<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>
R2	(42) DES16E2CLK	WFC3/IR	1	01-Aug-2017 15:02:11.0	yes
R3	(42) DES16E2CLK	WFC3/IR	1	01-Aug-2017 15:02:12.0	yes
R4	(42) DES16E2CLK	WFC3/IR	1	01-Aug-2017 15:02:13.0	yes
S1	(43) DES16X1CPF	WFC3/IR	1	01-Aug-2017 15:02:13.0	yes
S2	(43) DES16X1CPF	WFC3/IR	1	01-Aug-2017 15:02:14.0	yes
S3	(43) DES16X1CPF	WFC3/IR	1	01-Aug-2017 15:02:15.0	yes
S4	(43) DES16X1CPF	WFC3/IR	1	01-Aug-2017 15:02:15.0	yes
T1	(44) DES16X2CRR	WFC3/IR	1	01-Aug-2017 15:02:16.0	yes
T2	(44) DES16X2CRR	WFC3/IR	1	01-Aug-2017 15:02:17.0	yes
T3	(52) DES16X2CRR-CORRECTED	WFC3/IR	1	01-Aug-2017 15:02:18.0	yes
T4	(52) DES16X2CRR-CORRECTED	WFC3/IR	1	01-Aug-2017 15:02:19.0	yes
U1	(45) DES16E2CQQ	WFC3/IR	1	01-Aug-2017 15:02:20.0	yes
U2	(45) DES16E2CQQ	WFC3/IR	1	01-Aug-2017 15:02:20.0	yes
U3	(45) DES16E2CQQ	WFC3/IR	1	01-Aug-2017 15:02:21.0	yes
U4	(45) DES16E2CQQ	WFC3/IR	1	01-Aug-2017 15:02:21.0	yes
V1	(46) DES16C2CVA	WFC3/IR	1	01-Aug-2017 15:02:22.0	yes
V2	(46) DES16C2CVA	WFC3/IR	1	01-Aug-2017 15:02:23.0	yes
V3	(46) DES16C2CVA	WFC3/IR	1	01-Aug-2017 15:02:23.0	yes
V4	(46) DES16C2CVA	WFC3/IR	1	01-Aug-2017 15:02:24.0	yes
W1	(47) DES16X3CRY	WFC3/IR	2	01-Aug-2017 15:02:25.0	yes
W2	(47) DES16X3CRY	WFC3/IR	2	01-Aug-2017 15:02:26.0	yes
W3	(47) DES16X3CRY	WFC3/IR	2	01-Aug-2017 15:02:27.0	yes
W4	(47) DES16X3CRY	WFC3/IR	2	01-Aug-2017 15:02:28.0	yes
X1	(48) DES16E1CVI	WFC3/IR	1	01-Aug-2017 15:02:29.0	yes
X2	(48) DES16E1CVI	WFC3/IR	1	01-Aug-2017 15:02:30.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
X3	(48) DES16E1CVI	WFC3/IR	1	01-Aug-2017 15:02:30.0	yes
X4	(48) DES16E1CVI	WFC3/IR	1	01-Aug-2017 15:02:31.0	yes
Y1	(49) DES16E2CXW	WFC3/IR	1	01-Aug-2017 15:02:32.0	yes
Y2	(49) DES16E2CXW	WFC3/IR	1	01-Aug-2017 15:02:33.0	yes
Y3	(49) DES16E2CXW	WFC3/IR	1	01-Aug-2017 15:02:34.0	yes
Y4	(49) DES16E2CXW	WFC3/IR	1	01-Aug-2017 15:02:34.0	yes
Z1	(51) DES16X1DER	WFC3/IR	1	01-Aug-2017 15:02:35.0	yes
Z2	(51) DES16X1DER	WFC3/IR	1	01-Aug-2017 15:02:37.0	yes
Z3	(51) DES16X1DER	WFC3/IR	1	01-Aug-2017 15:02:38.0	yes
Z4	(51) DES16X1DER	WFC3/IR	1	01-Aug-2017 15:02:39.0	yes

108 Total Orbits Used

ABSTRACT

Observations of SN Ia in the IR offer the most promising way to construct an accurate cosmic expansion history to constrain the properties of dark energy. Systematic errors introduced by photometry, light curve fitters, and by dust extinction pose the limit of precision for today's large optical samples. Theory predicts and empirical evidence demonstrates that SN Ia are more nearly standard candles in infrared bands than in optical bands. Dust absorption is 3 times smaller in the near IR. As a result, an sample with observations in the rest frame IR is a powerful way to verify the world's work on dark energy with stringent and illuminating cross-checks. In Cycle 20, we followed up the flood of SN Ia discovered by PanSTARRS with HST. Now we propose another sample of 25 SN Ia discovered with Dark Energy Survey. DES can find SN Ia, we can confirm the type and redshift with spectra, and then make

effective HST observations in the restframe IR observations using WFC3/IR to derive precise (and accurate!) cosmic distances to improve knowledge of the dark energy equation of state, w . For Cycle 23, we propose to shift the redshift range to $z = 0.5$, the era when acceleration began. There, the restframe Y band fits neatly into F160W. Statistical constraints on w from the combined RAISIN samples will approach those of the present world sample (0.06) and the RAISIN systematic errors arise from different sources, creating confidence in the ultimate result on the nature of dark energy. RAISIN2 will also help guide the rational design of infrared SN surveys of the future, like WFIRST/AFTA.

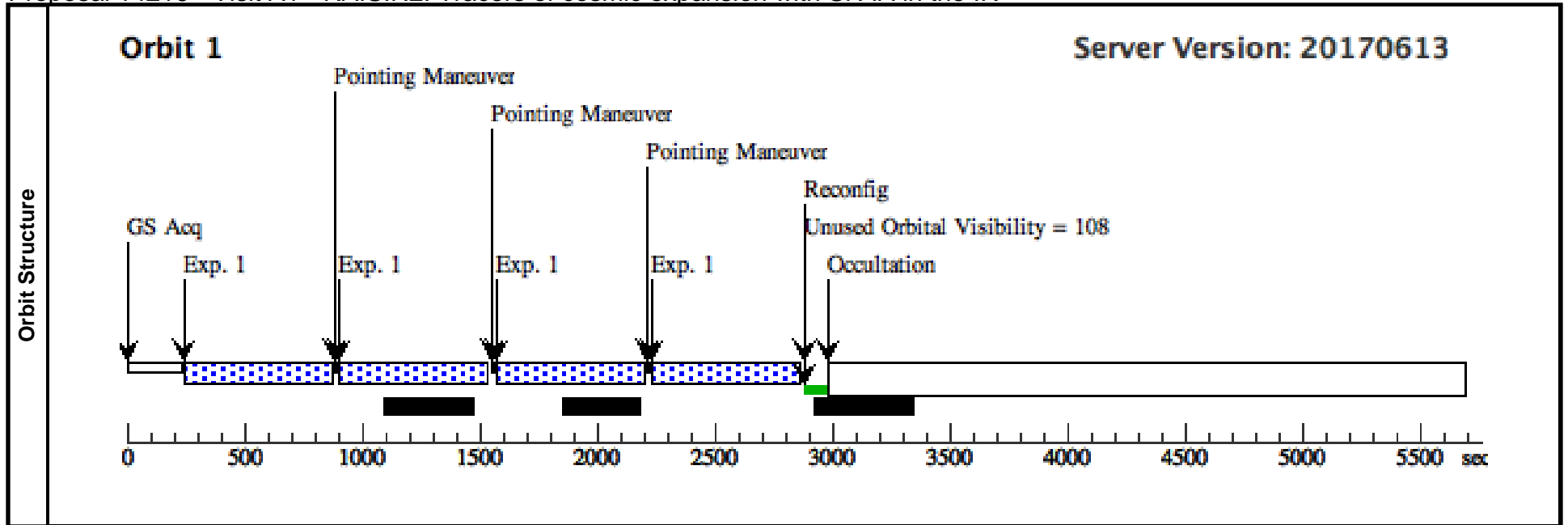
OBSERVING DESCRIPTION

For each new supernova there is a sequence of 4 visits using WFC3/IR F160W.

Proposal 14216 - Visit A1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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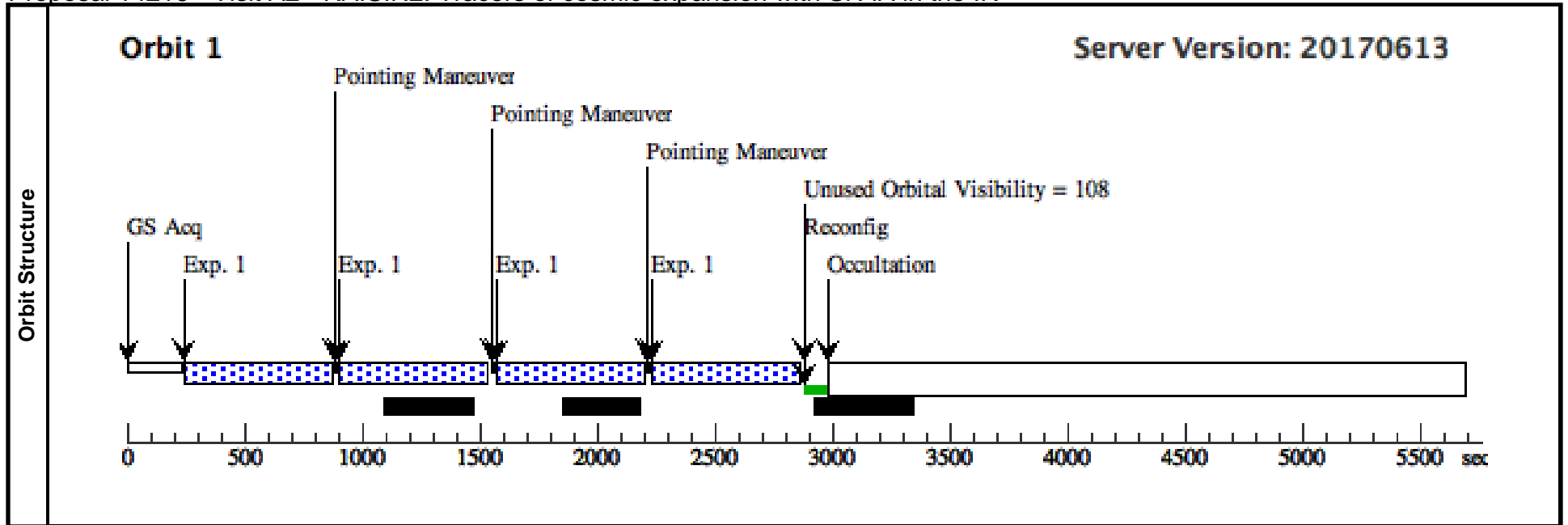
Visit	<p>Proposal 14216, Visit A1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 12-SEP-2015:00:00:00 AND 03-OCT-2015:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	DES15E2UC	RA: 00 37 53.4100 (9.4725417d) Dec: -43 18 52.30 (-43.31453d) Equinox: J2000					V=22.5	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(1) DES15E2UC	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 i n Visit A1 (1)	602.937703 Secs (2411.751 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	



Proposal 14216 - Visit A2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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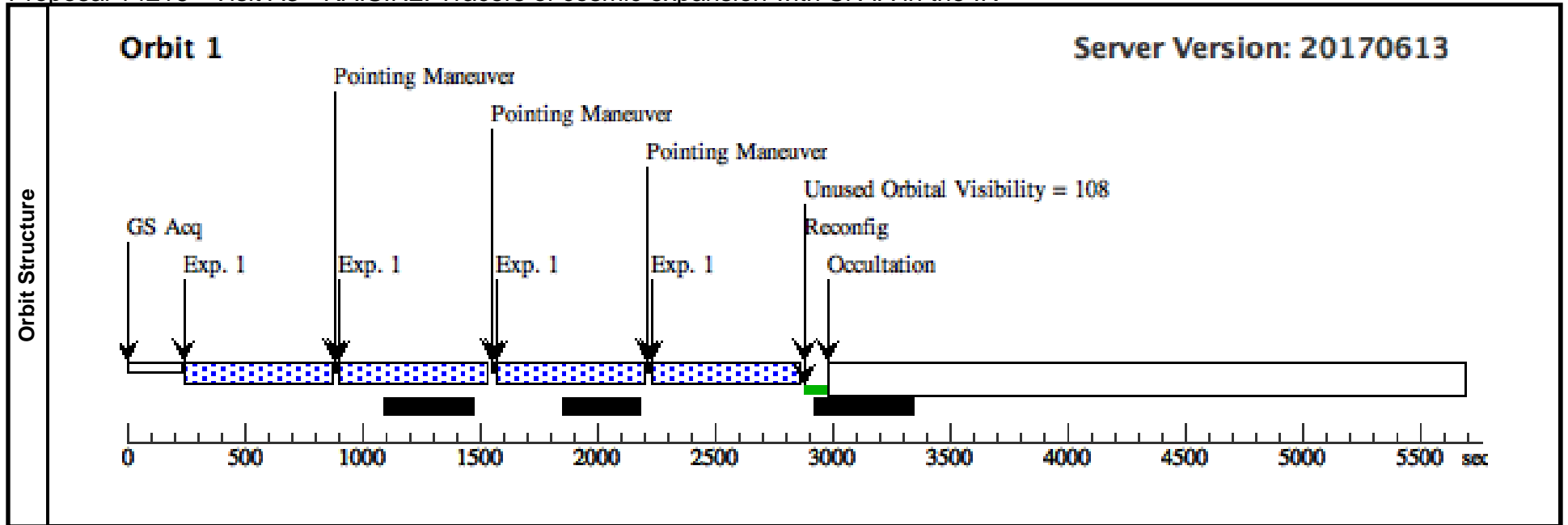
Visit	<p>Proposal 14216, Visit A2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS A1; AFTER A1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	DES15E2UC	RA: 00 37 53.4100 (9.4725417d) Dec: -43 18 52.30 (-43.31453d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) DES15E2UC	(1) DES15E2UC	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 i n Visit A2 (1)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 14216 - Visit A3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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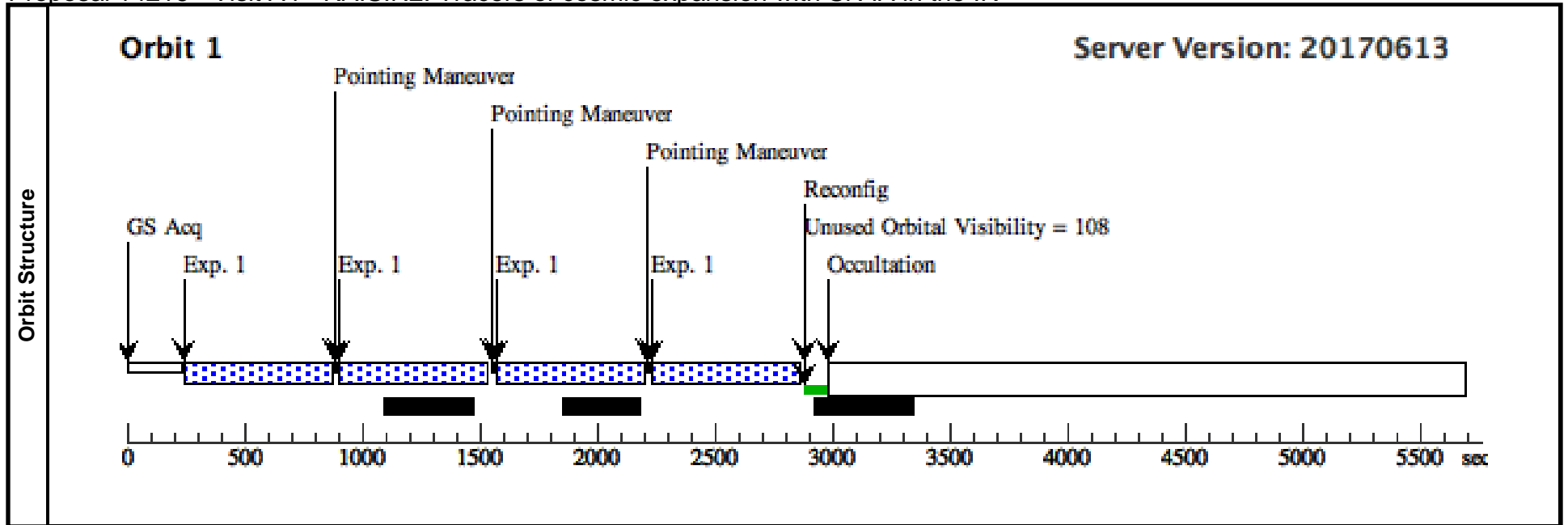
Visit	<p>Proposal 14216, Visit A3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS A1; AFTER A1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(1)	DES15E2UC	RA: 00 37 53.4100 (9.4725417d) Dec: -43 18 52.30 (-43.31453d) Equinox: J2000			V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(1) DES15E2UC	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 in Visit A3 (1)	602.937703 Secs (2411.751 Secs)		[1]	
										[=>(Pattern 1)]	
										[=>(Pattern 2)]	
										[=>(Pattern 3)]	
										[=>(Pattern 4)]	



Proposal 14216 - Visit A4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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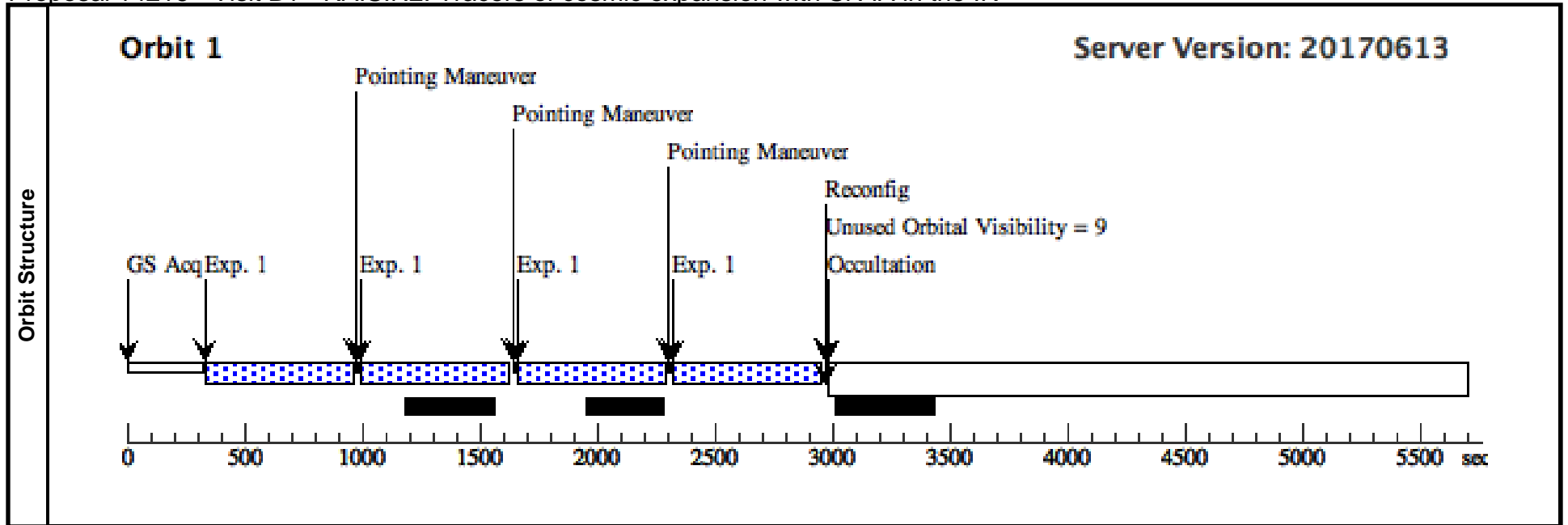
Visit	Proposal 14216, Visit A4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; AFTER A1 BY 180 D TO 365 D; ON HOLD <i>Comments: non-disruptive ToO.</i> <i>This is the fourth of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	DES15E2UC	RA: 00 37 53.4100 (9.4725417d) Dec: -43 18 52.30 (-43.31453d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(1) DES15E2UC	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 in Visit A4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]		



Proposal 14216 - Visit B1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

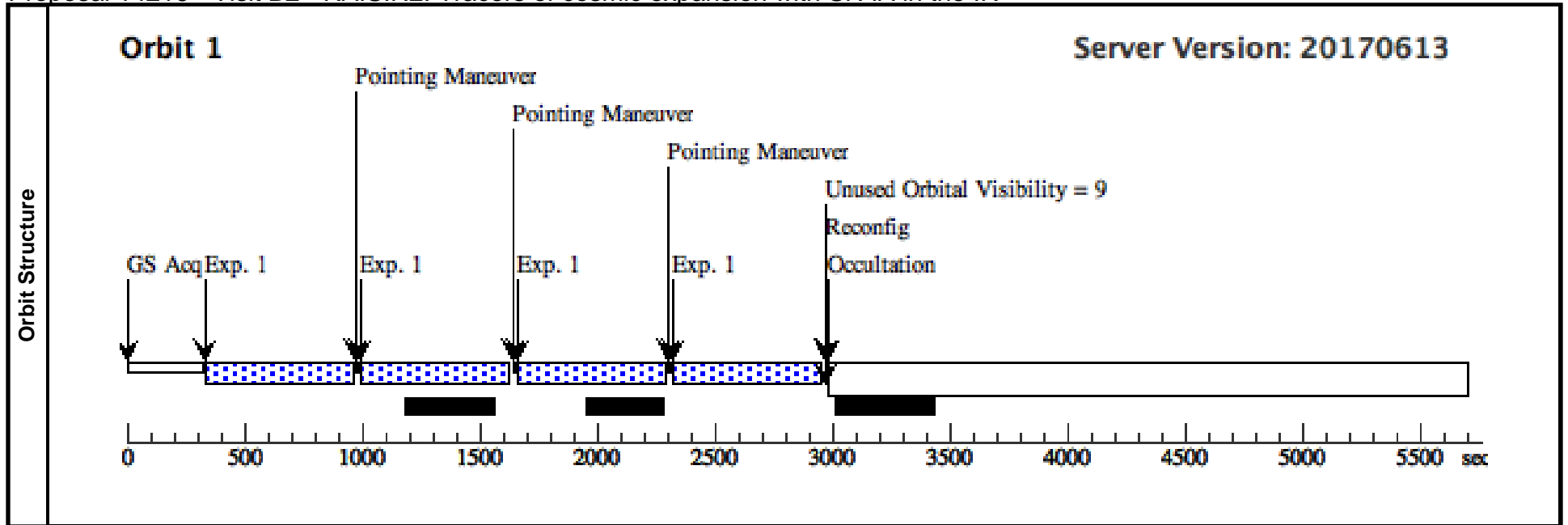
Visit	Proposal 14216, Visit B1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 18-OCT-2015:00:00:00 AND 04-NOV-2015:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(26)	DES15X2KVT	RA: 02 21 46.2500 (35.4427083d) Dec: -05 38 23.40 (-5.63983d) Equinox: J2000		V=22.4	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(26) DES15X2KVT	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit B1 (1)	602.937703 Secs (2411.751 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit B2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

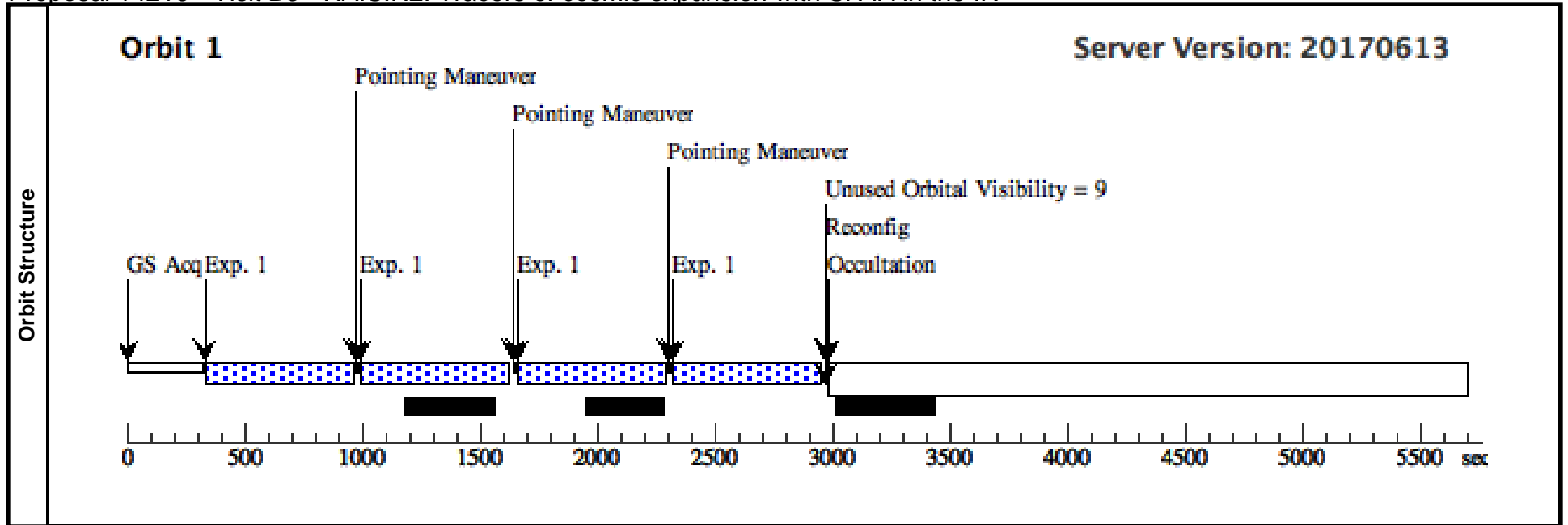
Visit	<p>Proposal 14216, Visit B2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS B1; AFTER B1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(26)	DES15X2KVT	RA: 02 21 46.2500 (35.4427083d) Dec: -05 38 23.40 (-5.63983d) Equinox: J2000		V=22.4	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(26) DES15X2KVT	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit B2 (1)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 14216 - Visit B3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

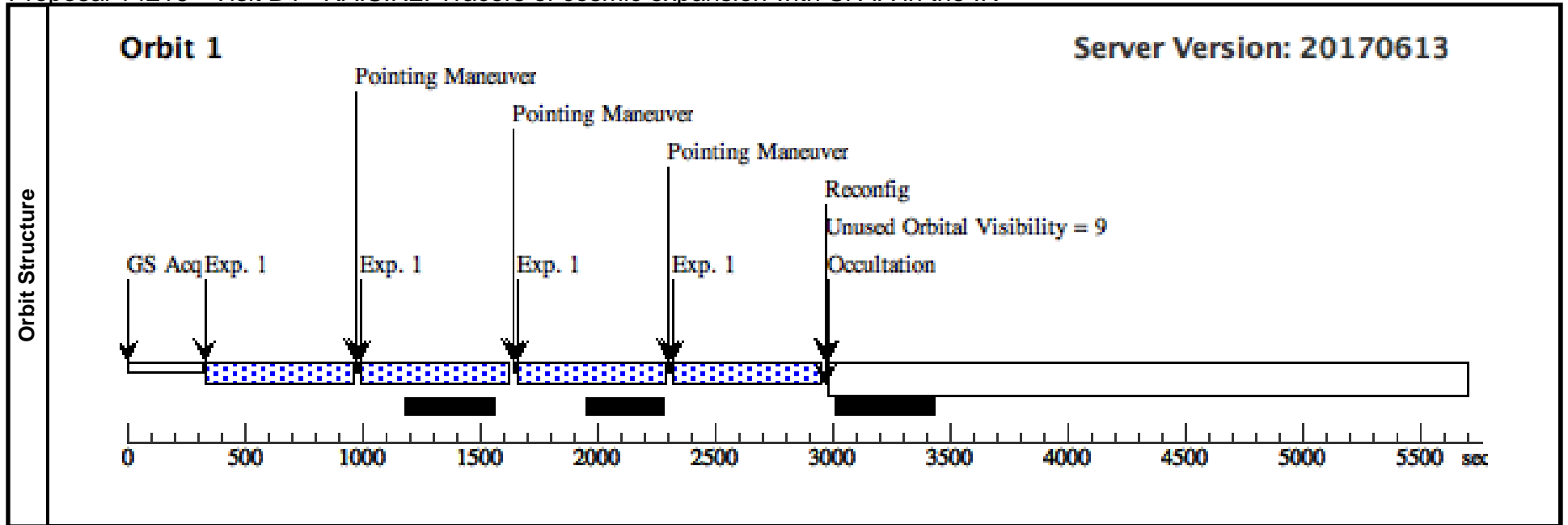
Visit	<p>Proposal 14216, Visit B3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS B1; AFTER B1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(26)	DES15X2KVT	RA: 02 21 46.2500 (35.4427083d) Dec: -05 38 23.40 (-5.63983d) Equinox: J2000		V=22.4	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(26) DES15X2KVT	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit B3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit B4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

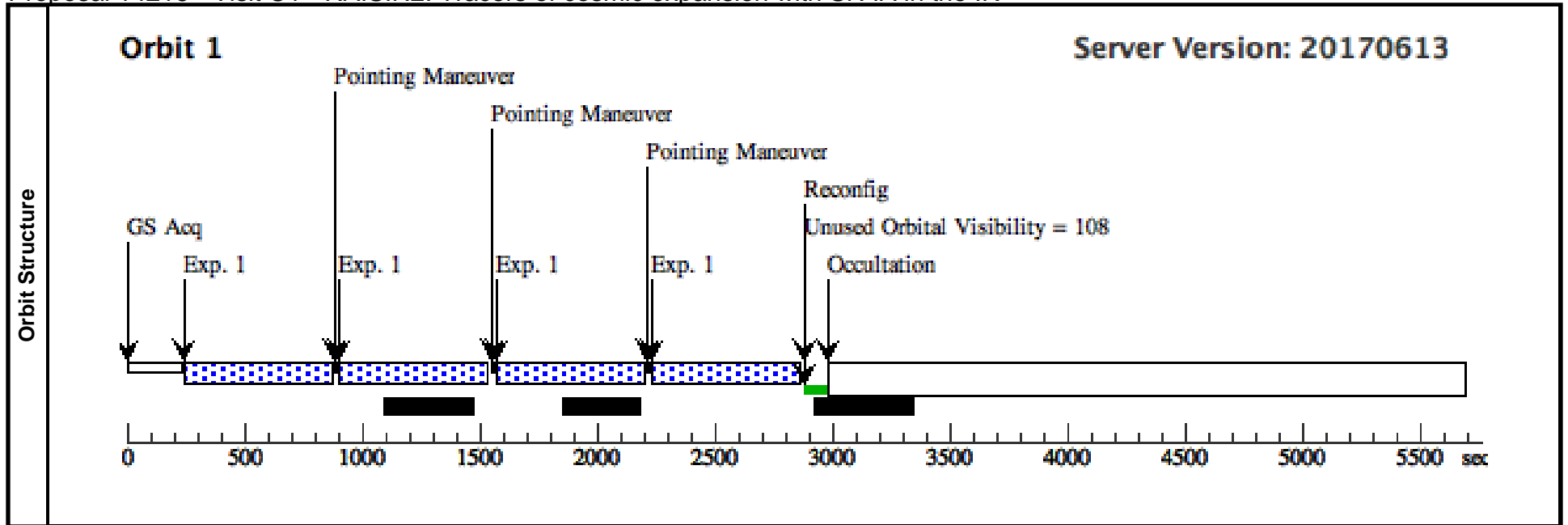
Visit	Proposal 14216, Visit B4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; AFTER B1 BY 180 D TO 365 D; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(26)	DES15X2KVT	RA: 02 21 46.2500 (35.4427083d) Dec: -05 38 23.40 (-5.63983d) Equinox: J2000					V=22.4	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(26) DES15X2KVT	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit B4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit C1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

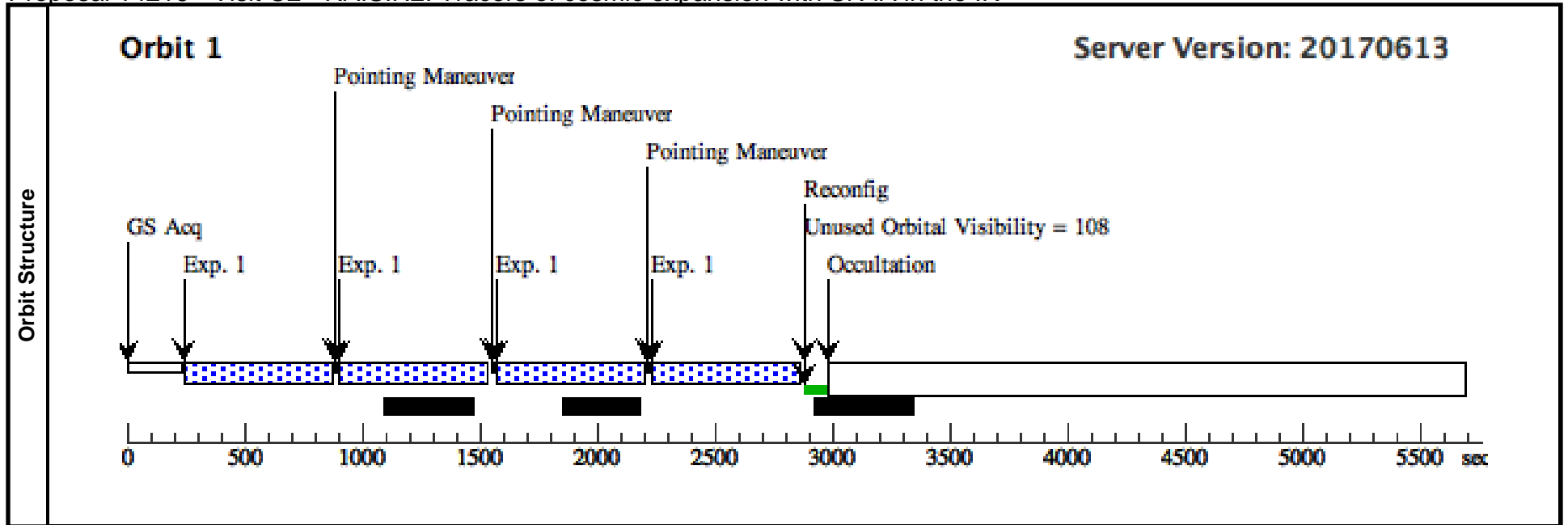
Visit	<p>Proposal 14216, Visit C1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 15-NOV-2015:00:00:00 AND 09-DEC-2015:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(27)	DES15E2MHY	RA: 00 41 17.0900 (10.3212083d) Dec: -43 53 10.40 (-43.88622d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(27) DES15E2MHY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 i n Visit C1 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]	



Proposal 14216 - Visit C2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

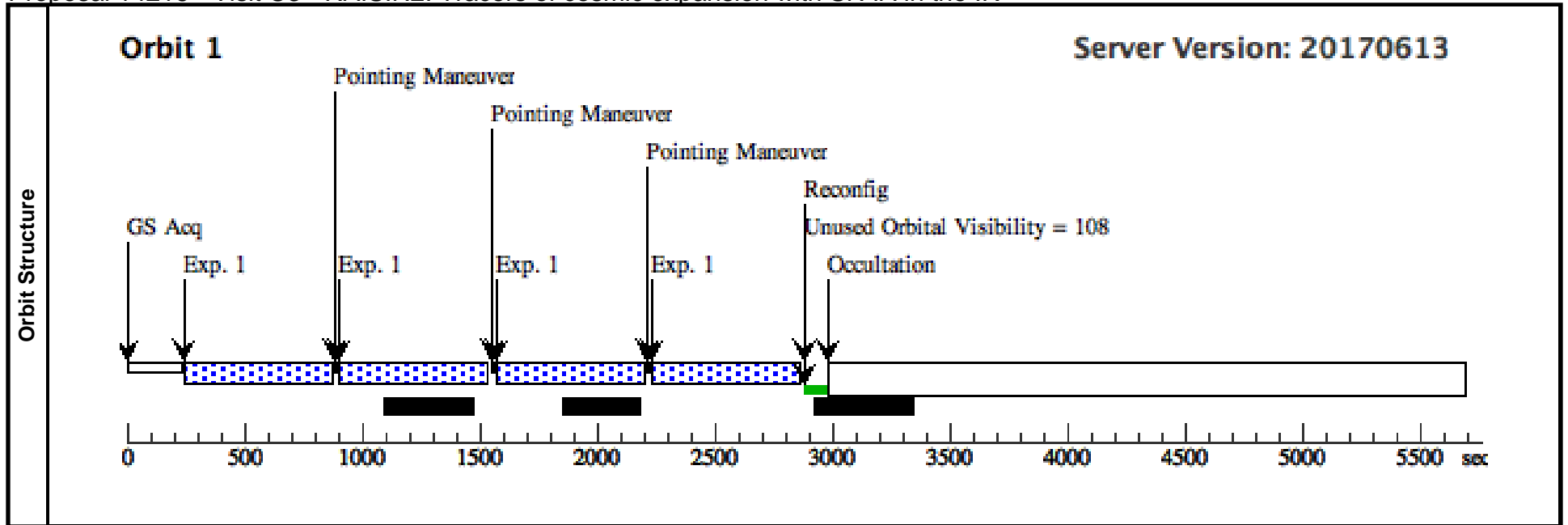
Visit	<p>Proposal 14216, Visit C2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS C1; AFTER C1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(27)	DES15E2MHY	RA: 00 41 17.0900 (10.3212083d) Dec: -43 53 10.40 (-43.88622d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(27) DES15E2MHY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 i n Visit C2 (1)	602.937703 Secs (2411.751 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit C3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

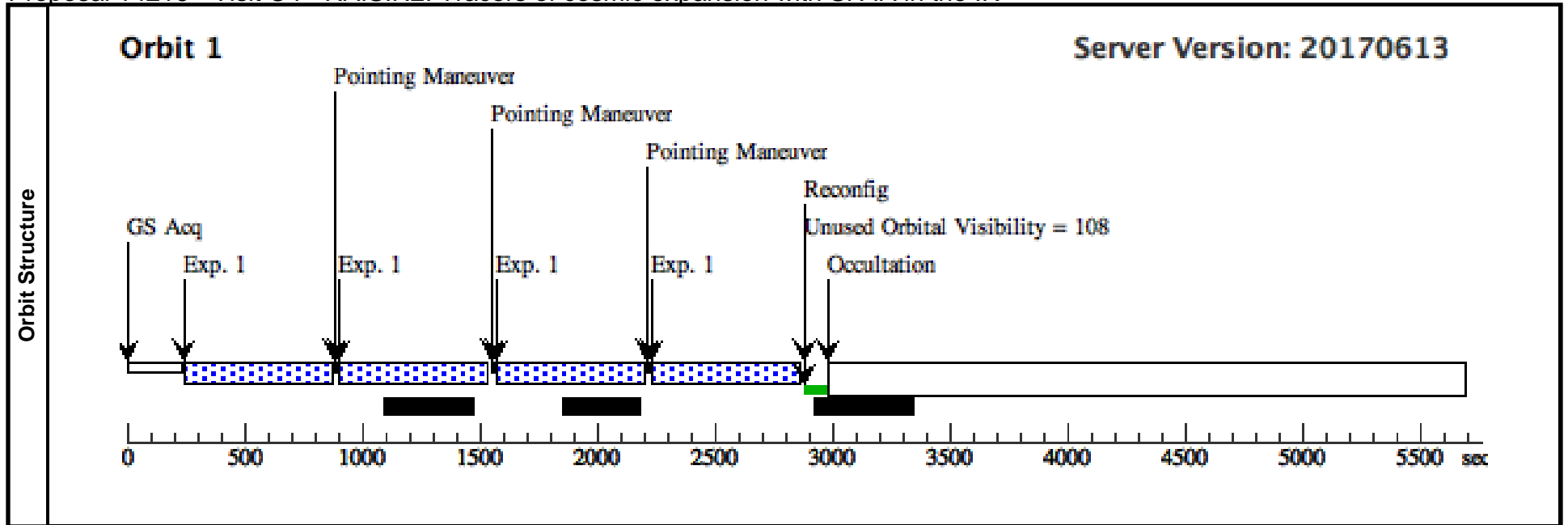
Visit	<p>Proposal 14216, Visit C3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS C1; AFTER C1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(27)	DES15E2MHY	RA: 00 41 17.0900 (10.3212083d) Dec: -43 53 10.40 (-43.88622d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(27) DES15E2MHY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 i n Visit C3 (1)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 14216 - Visit C4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

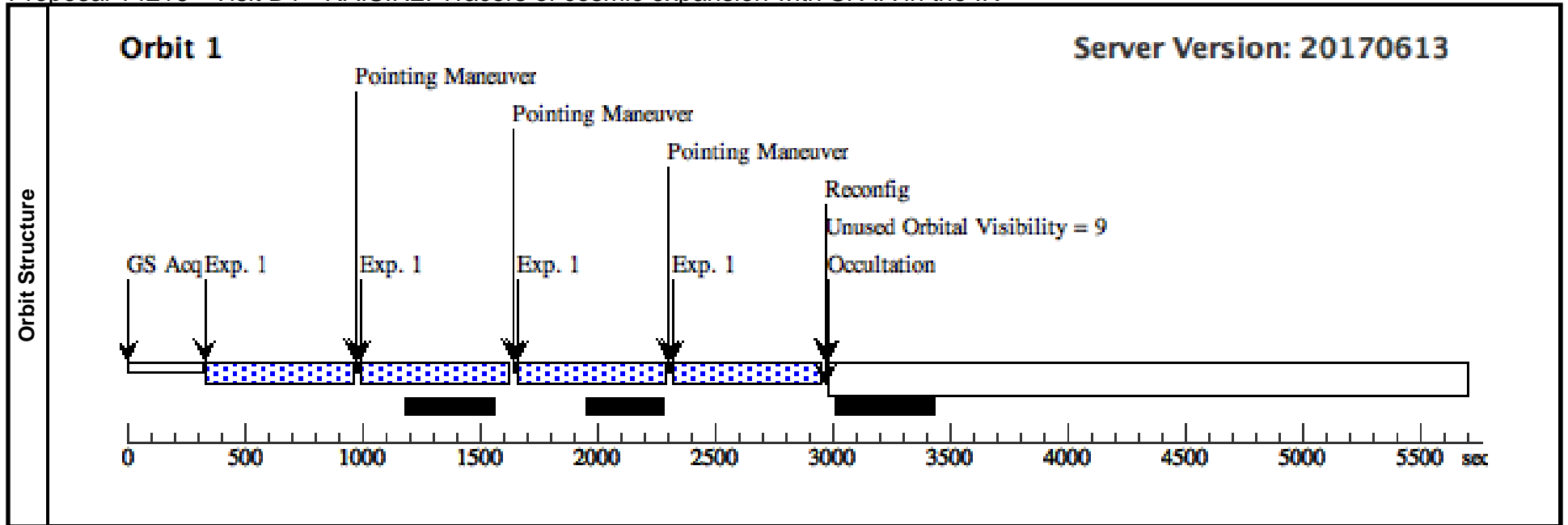
Visit	Proposal 14216, Visit C4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; AFTER C1 BY 180 D TO 365 D; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(27)	DES15E2MHY	RA: 00 41 17.0900 (10.3212083d) Dec: -43 53 10.40 (-43.88622d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(27) DES15E2MHY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 i n Visit C4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]		



Proposal 14216 - Visit D1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

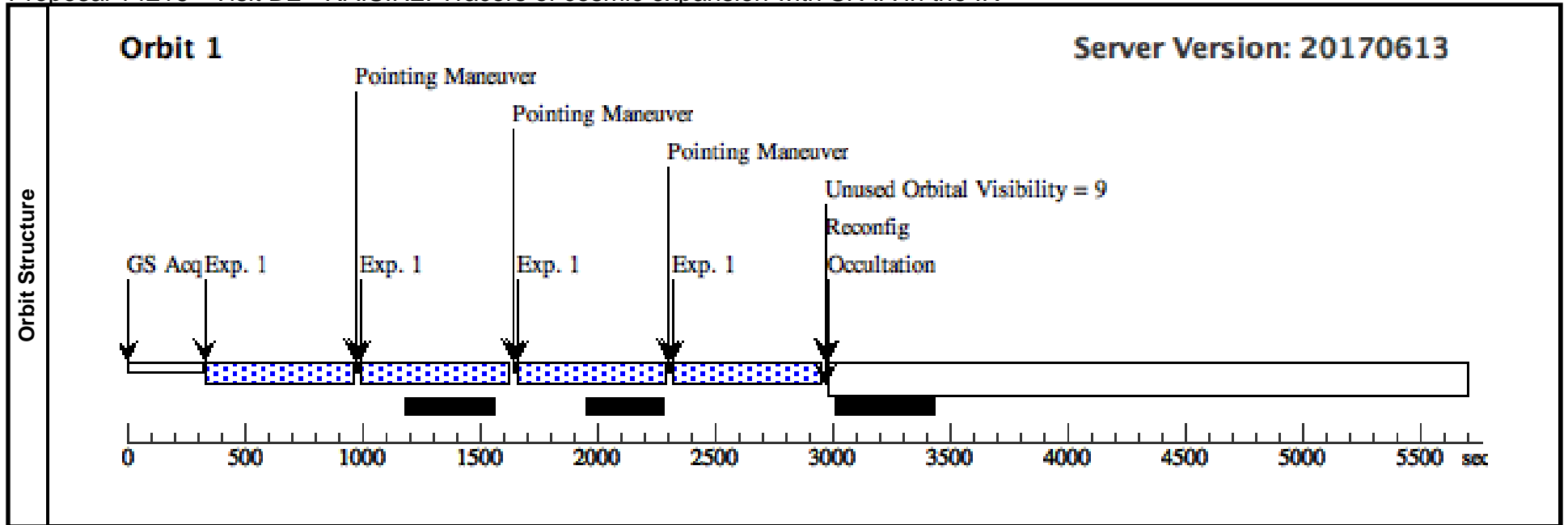
Visit	<p>Proposal 14216, Visit D1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 15-NOV-2015:00:00:00 AND 09-DEC-2015:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(28)	DES15X2MEY	RA: 02 20 30.7600 (35.1281667d) Dec: -06 26 47.30 (-6.44647d) Equinox: J2000					V=23.0	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(28) DES15X2MEY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit D1 (1)	602.937703 Secs (2411.751 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit D2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

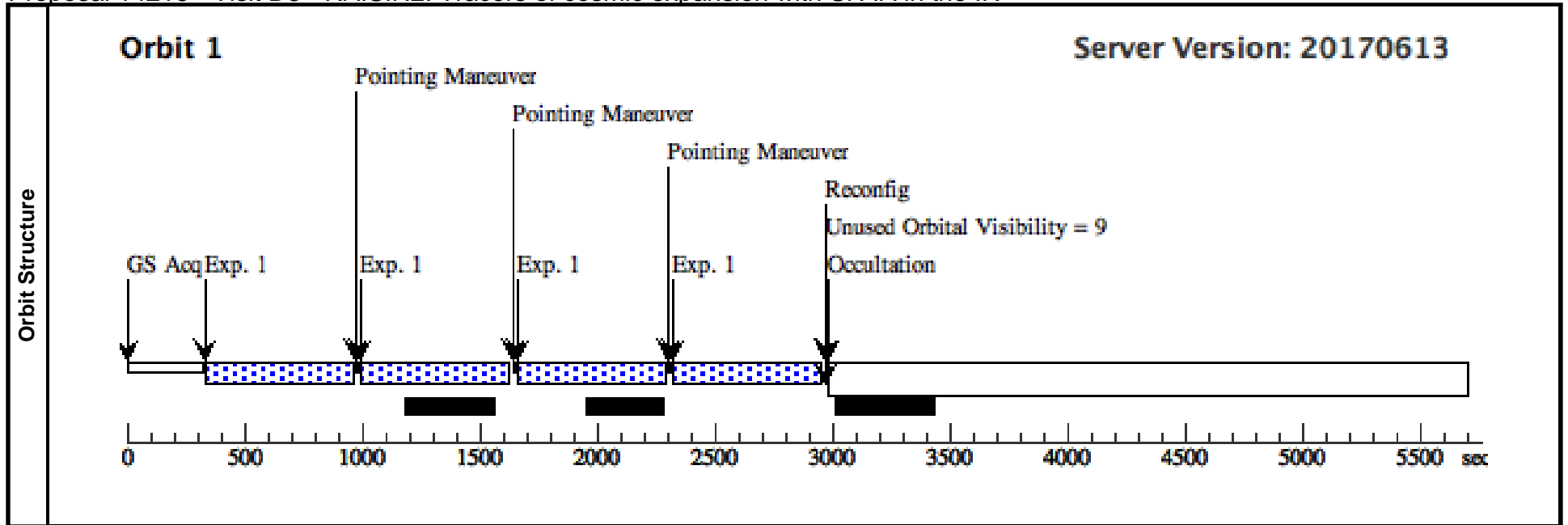
Visit	<p>Proposal 14216, Visit D2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS D1; AFTER D1 BY 8 D TO 11 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(28)	DES15X2MEY	RA: 02 20 30.7600 (35.1281667d) Dec: -06 26 47.30 (-6.44647d) Equinox: J2000		V=23.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(28) DES15X2MEY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit D2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit D3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

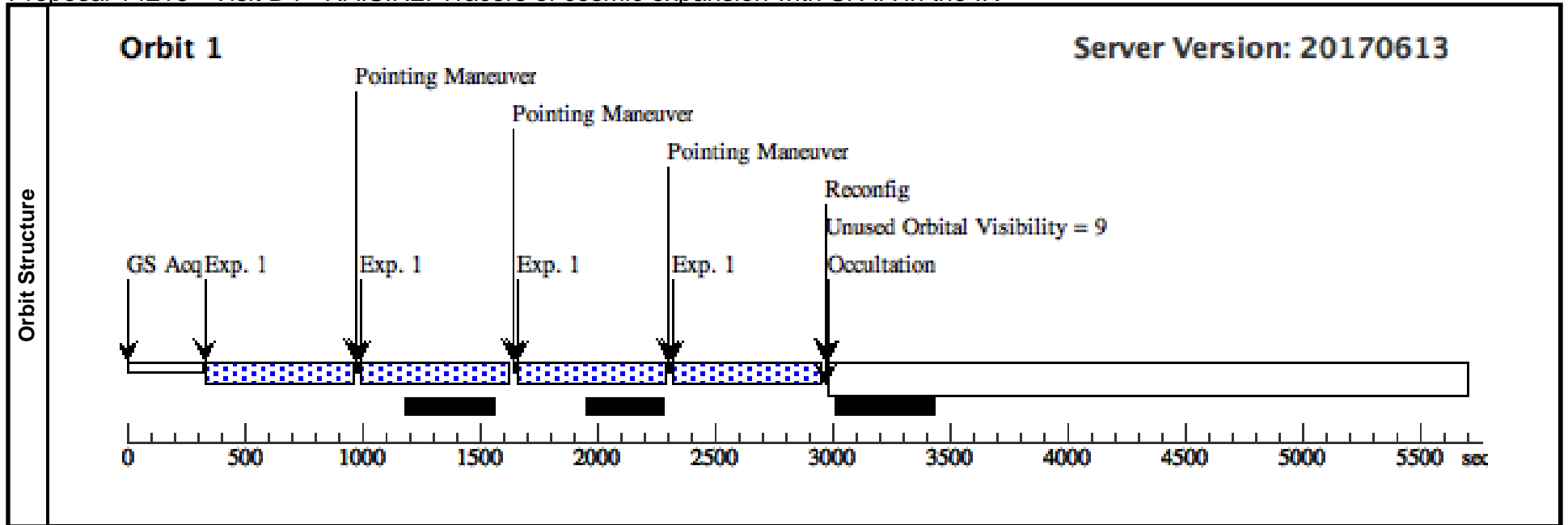
Visit	<p>Proposal 14216, Visit D3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS D1; AFTER D1 BY 16 D TO 19 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(28)	DES15X2MEY	RA: 02 20 30.7600 (35.1281667d) Dec: -06 26 47.30 (-6.44647d) Equinox: J2000		V=23.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(28) DES15X2MEY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit D3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit D4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

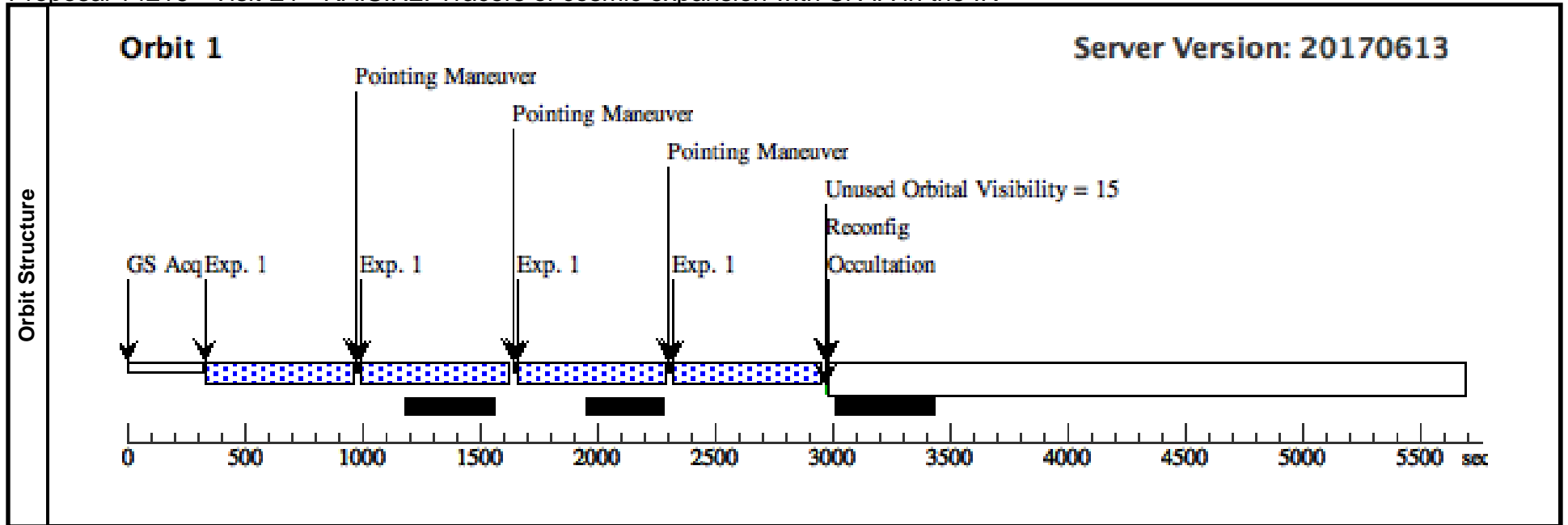
Visit	Proposal 14216, Visit D4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; AFTER D1 BY 180 D TO 365 D; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(28)	DES15X2MEY	RA: 02 20 30.7600 (35.1281667d) Dec: -06 26 47.30 (-6.44647d) Equinox: J2000					V=23.0	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(28) DES15X2MEY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit D4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit E1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

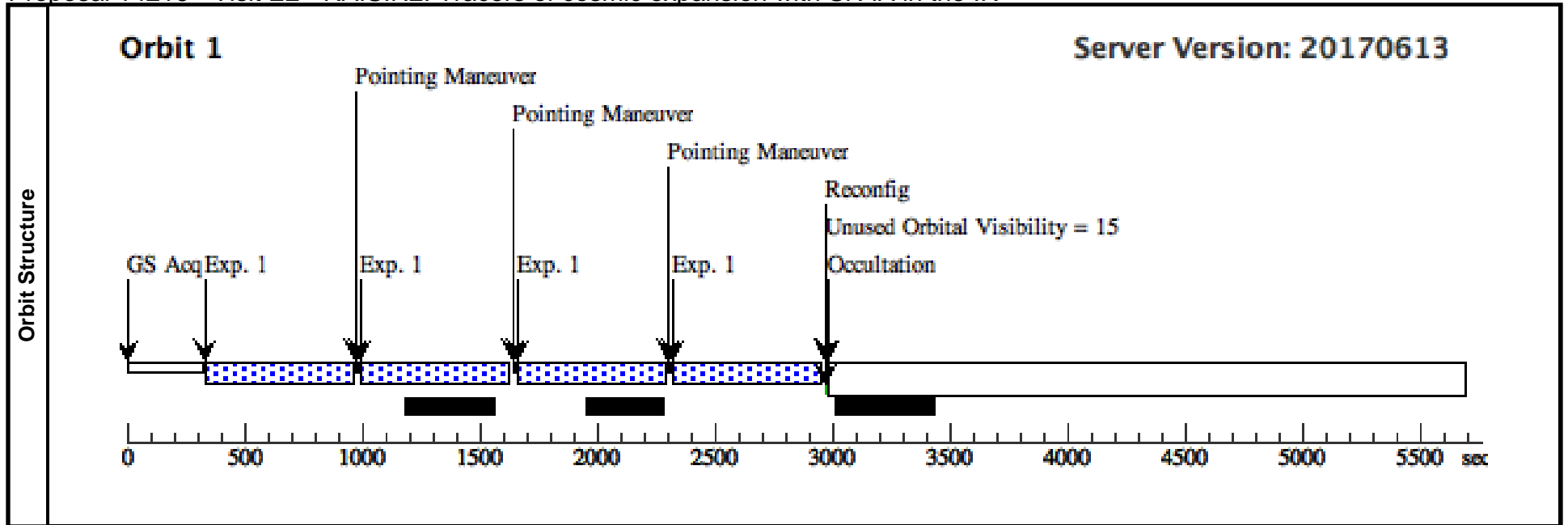
Visit	<p>Proposal 14216, Visit E1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 20-DEC-2015:00:00:00 AND 06-JAN-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(29)	DES15C1NHV	RA: 03 39 0.9400 (54.7539167d) Dec: -27 50 35.40 (-27.84317d) Equinox: J2000					V=22.8	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(29) DES15C1NHV	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit E1 (1)	602.937703 Secs (2411.751 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit E2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

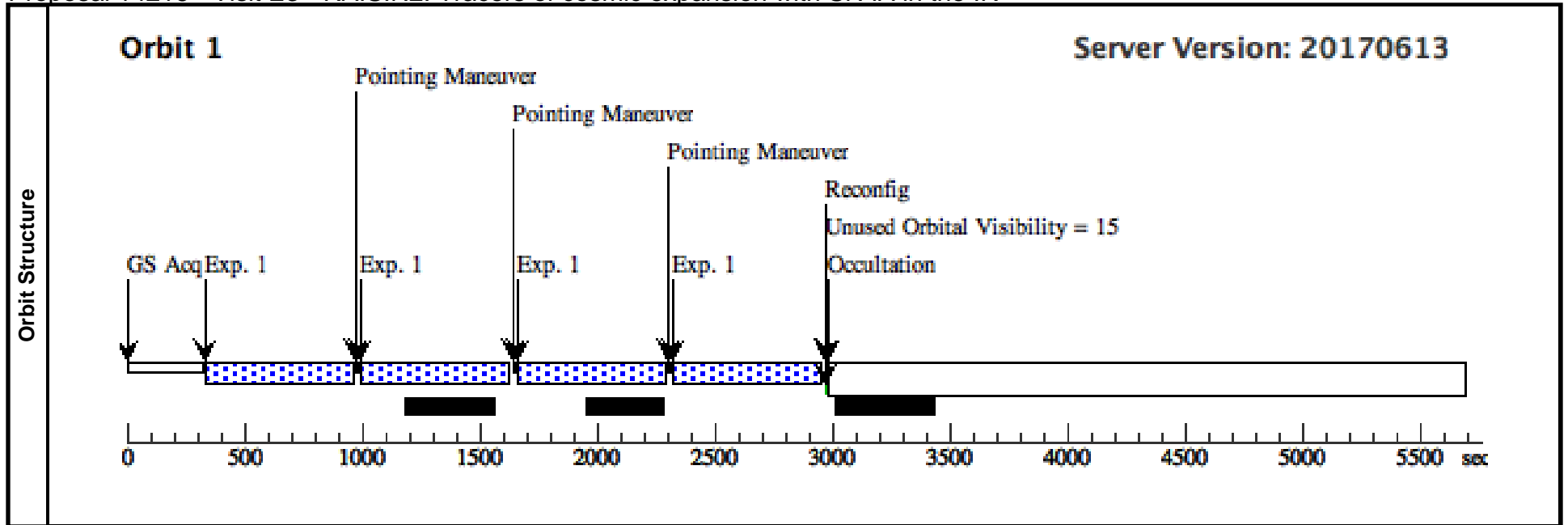
Visit	<p>Proposal 14216, Visit E2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS E1; AFTER E1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(29)	DES15C1NHV	RA: 03 39 0.9400 (54.7539167d) Dec: -27 50 35.40 (-27.84317d) Equinox: J2000		V=22.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(29) DES15C1NHV	DES15C1NHV	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit E2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit E3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

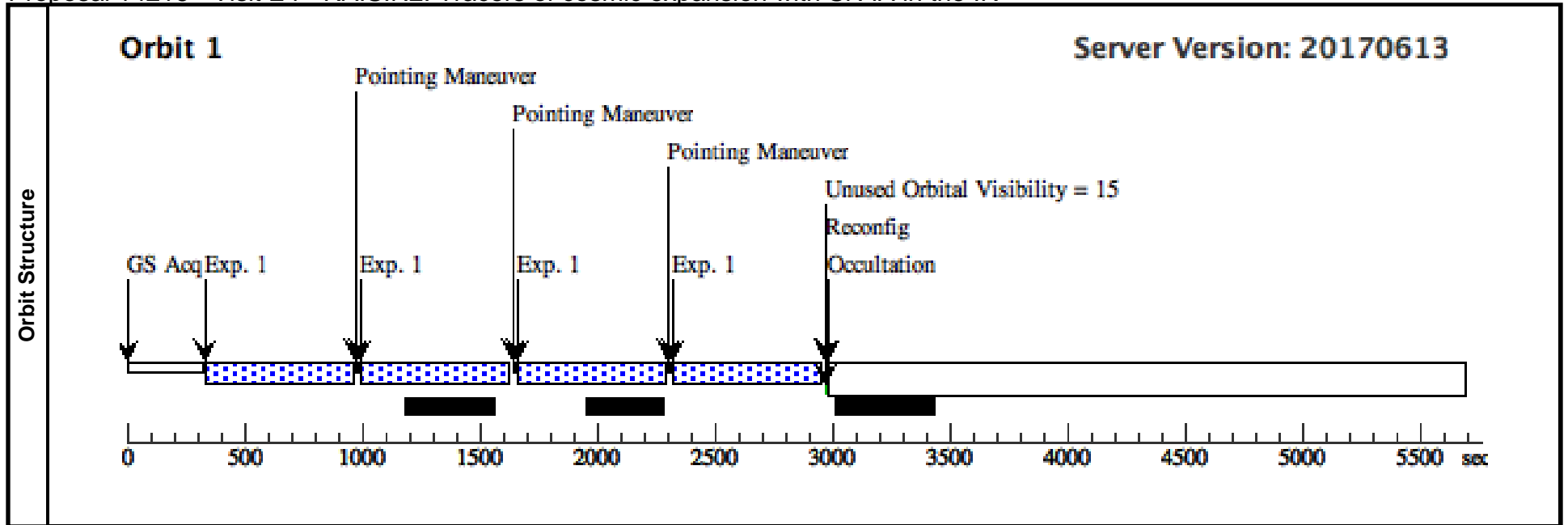
Visit	<p>Proposal 14216, Visit E3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS E1; AFTER E1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(29)	DES15C1NHV	RA: 03 39 0.9400 (54.7539167d) Dec: -27 50 35.40 (-27.84317d) Equinox: J2000		V=22.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(29) DES15C1NHV	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit E3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit E4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

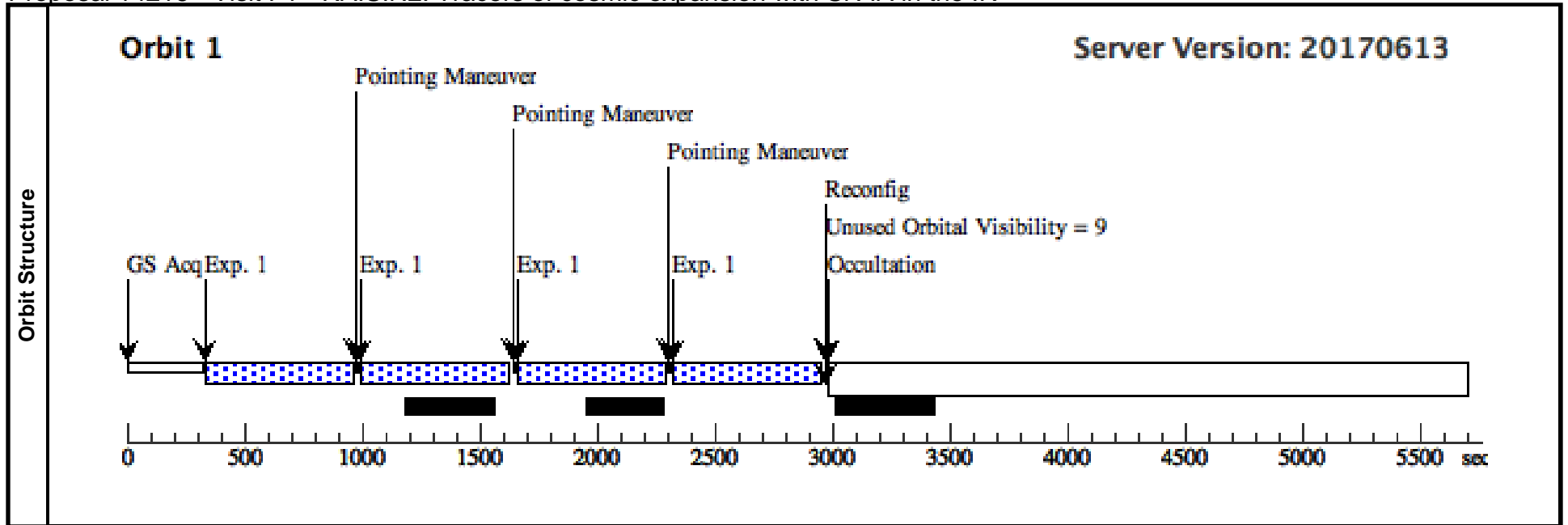
Visit	Proposal 14216, Visit E4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; AFTER E1 BY 180 D TO 365 D; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(29)	DES15C1NHV	RA: 03 39 0.9400 (54.7539167d) Dec: -27 50 35.40 (-27.84317d) Equinox: J2000					V=22.8	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(29) DES15C1NHV	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit E4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit F1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

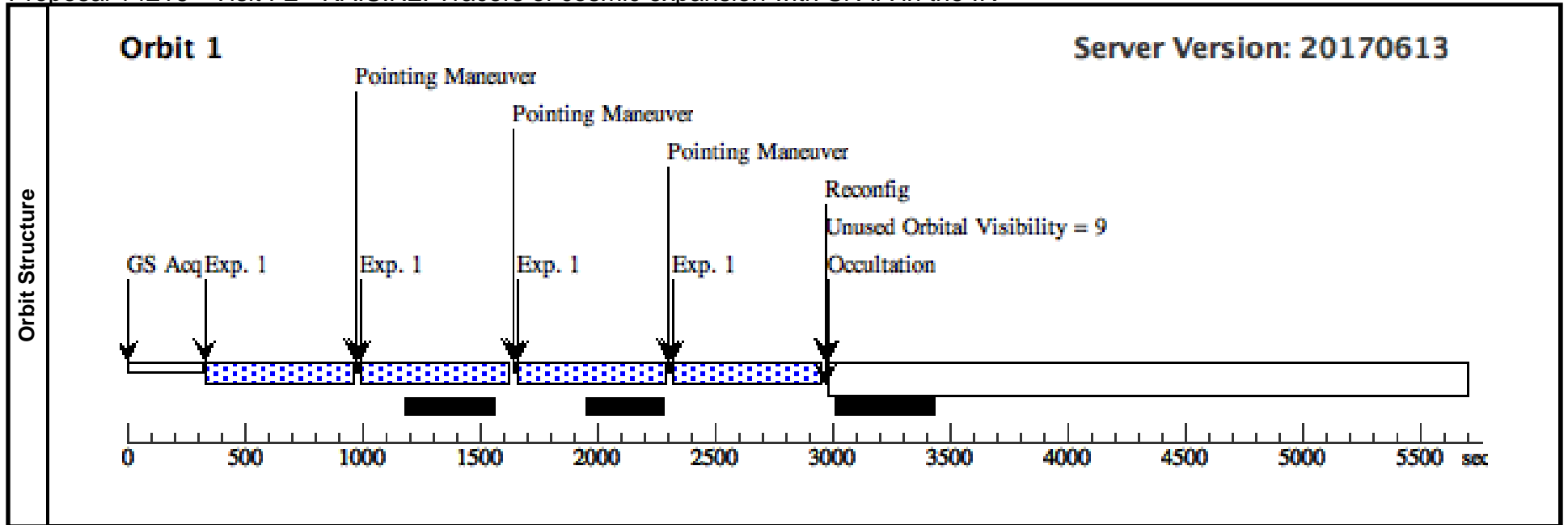
Visit	<p>Proposal 14216, Visit F1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 20-DEC-2015:00:00:00 AND 06-JAN-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
Patterns	#	Primary Pattern				Secondary Pattern			Exposures		
(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365				Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false			(1)			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
(30)	DES15X2NKZ	RA: 02 22 13.2100 (35.5550417d) Dec: -05 52 18.20 (-5.87172d) Equinox: J2000				V=22.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
1	(30) DES15X2NKZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit F1 (1)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	



Proposal 14216 - Visit F2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

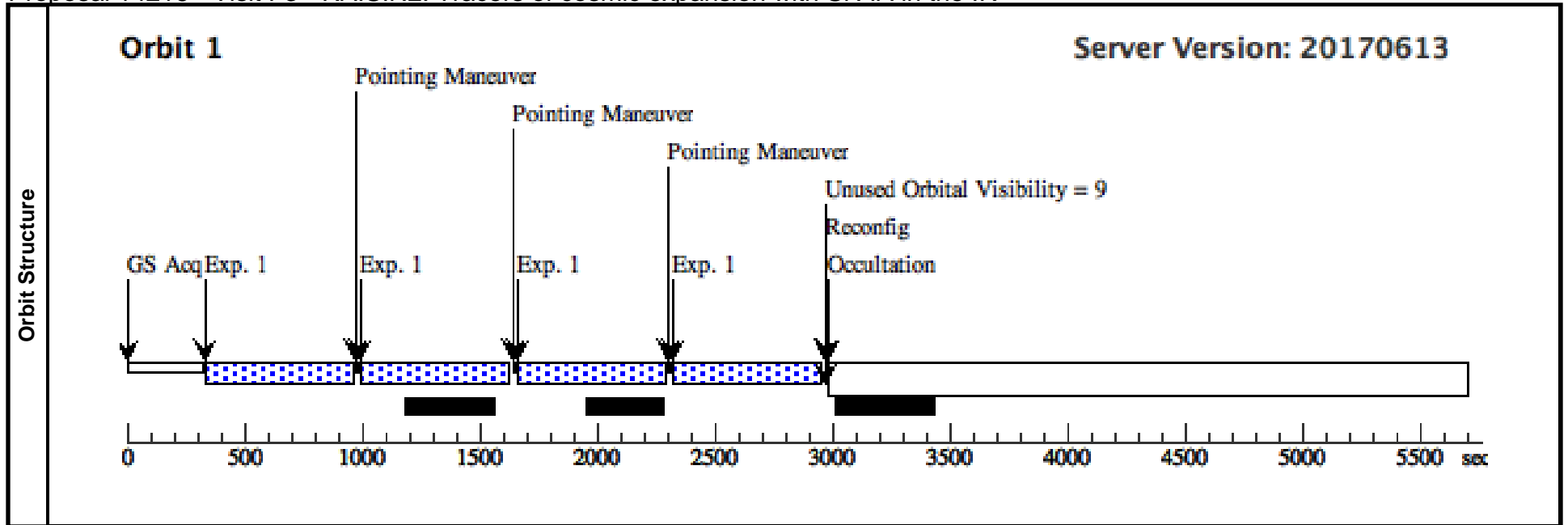
Visit	<p>Proposal 14216, Visit F2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS F1; AFTER F1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(30)	DES15X2NKZ	RA: 02 22 13.2100 (35.5550417d) Dec: -05 52 18.20 (-5.87172d) Equinox: J2000		V=22.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(30) DES15X2NKZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit F2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit F3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

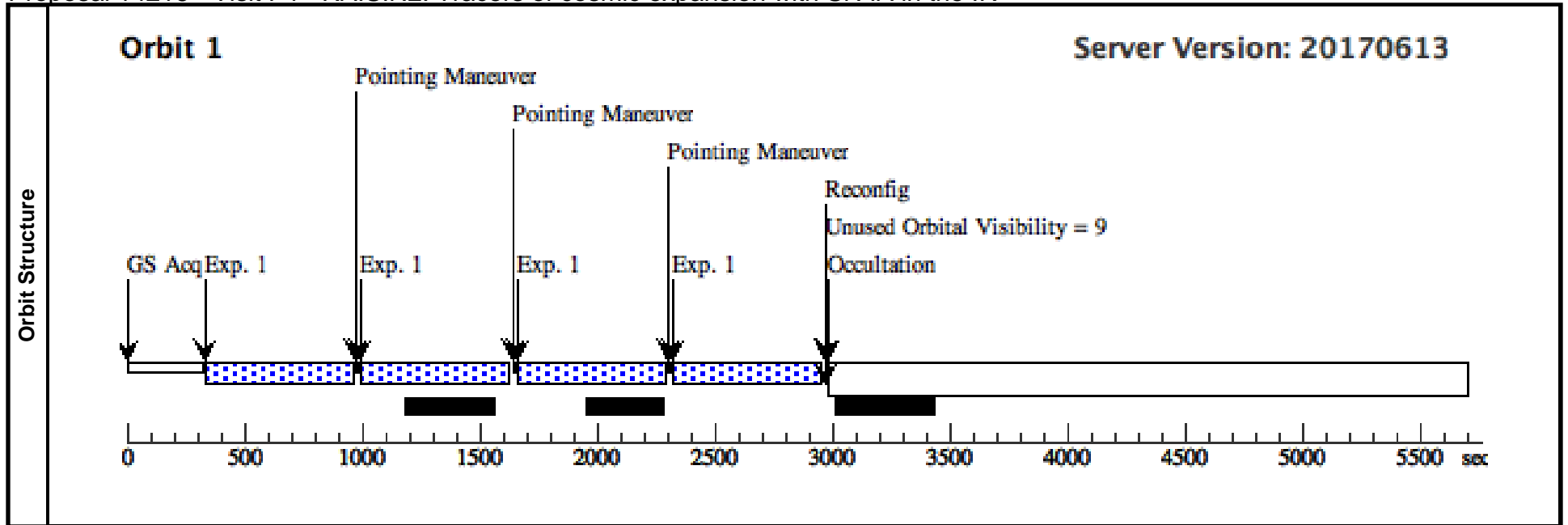
Visit	<p>Proposal 14216, Visit F3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS F1; AFTER F1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the third of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended plus or minus 2 days.</i> <i>optimum scheduling for this visit is 15 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(30)	DES15X2NKZ	RA: 02 22 13.2100 (35.5550417d) Dec: -05 52 18.20 (-5.87172d) Equinox: J2000		V=22.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(30) DES15X2NKZ	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit F3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit F4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

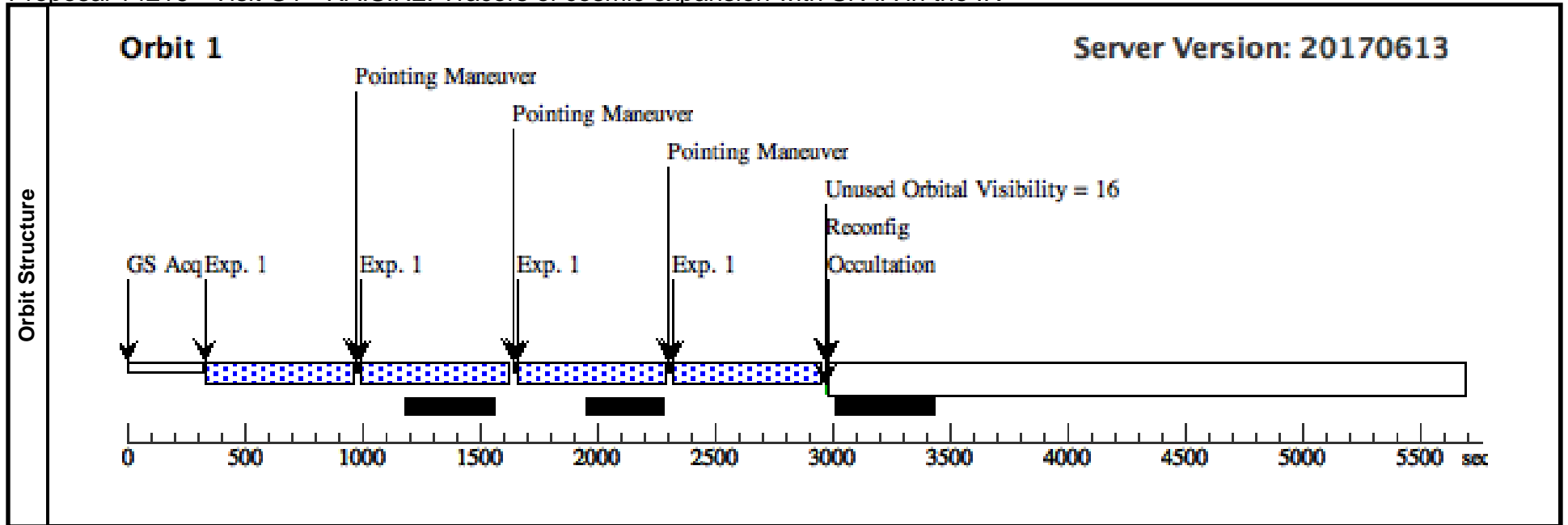
Visit	Proposal 14216, Visit F4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; AFTER F1 BY 180 D TO 365 D; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(30)	DES15X2NKZ	RA: 02 22 13.2100 (35.5550417d) Dec: -05 52 18.20 (-5.87172d) Equinox: J2000					V=22.8	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(30) DES15X2NKZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit F4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit G1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

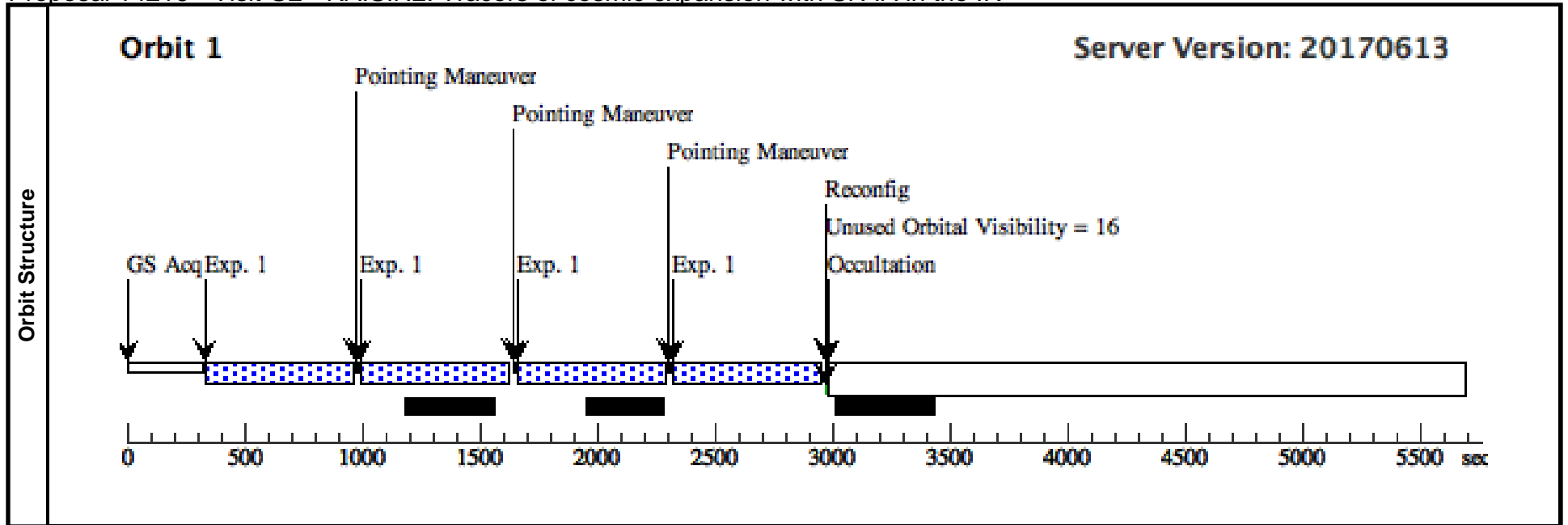
Visit	Proposal 14216, Visit G1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 13-DEC-2015:00:00:00 AND 06-JAN-2016:00:00:00; ON HOLD Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false							(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(31)	DES15E2NLZ	RA: 00 35 51.3300 (8.9638750d) Dec: -44 40 36.10 (-44.67669d) Equinox: J2000		V=22.5	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(31) DES15E2NLZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit G1 (1)	602.937703 Secs (2411.751 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit G2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

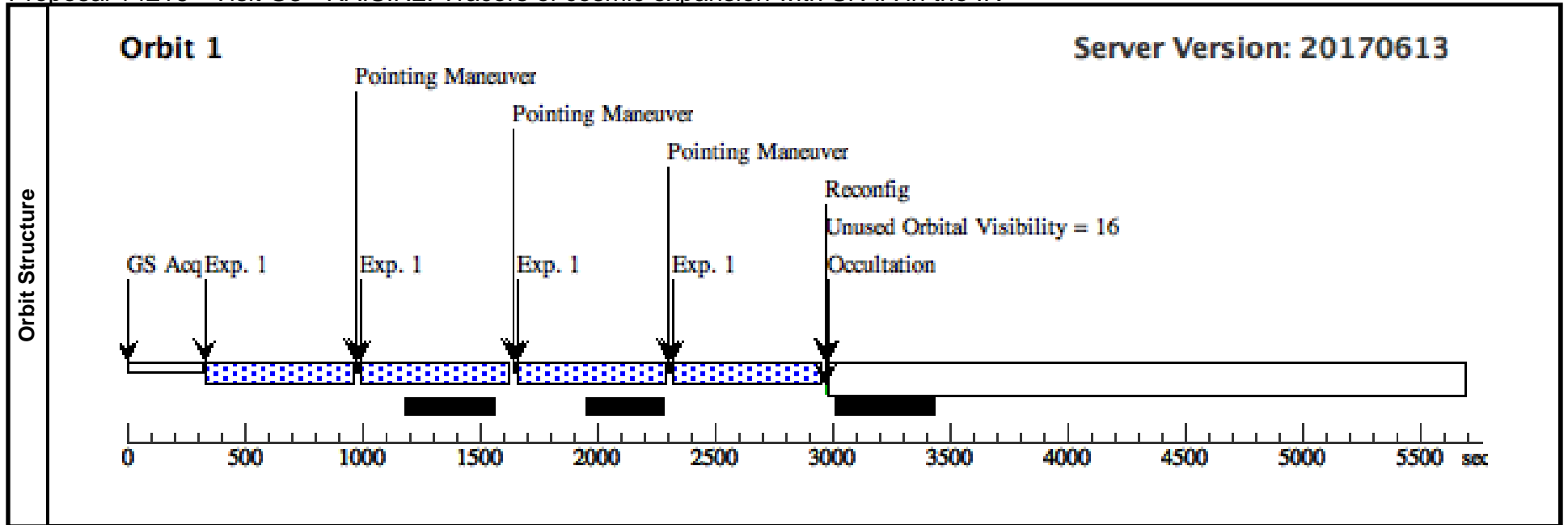
Visit	<p>Proposal 14216, Visit G2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; AFTER G1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the second of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended by plus or minus 1 day.</i> <i>optimum scheduling is 7 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(31)	DES15E2NLZ	RA: 00 35 51.3300 (8.9638750d) Dec: -44 40 36.10 (-44.67669d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(31) DES15E2NLZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit G2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit G3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

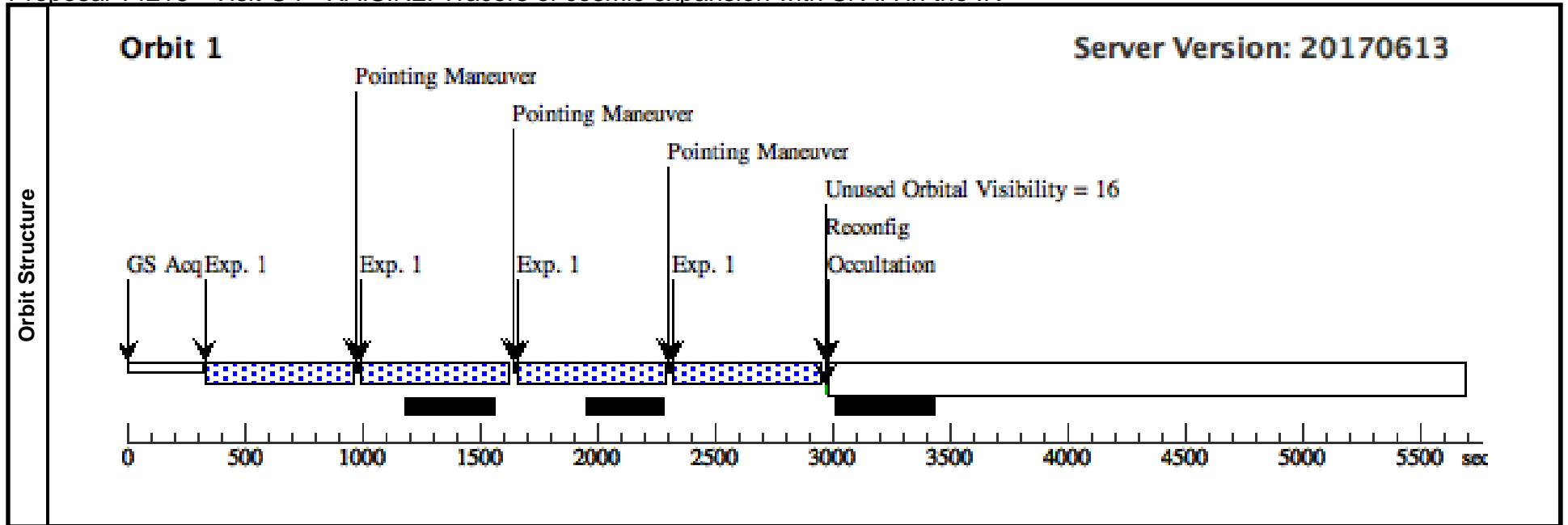
Visit	<p>Proposal 14216, Visit G3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; AFTER G1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(31)	DES15E2NLZ	RA: 00 35 51.3300 (8.9638750d) Dec: -44 40 36.10 (-44.67669d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(31) DES15E2NLZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit G3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit G4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

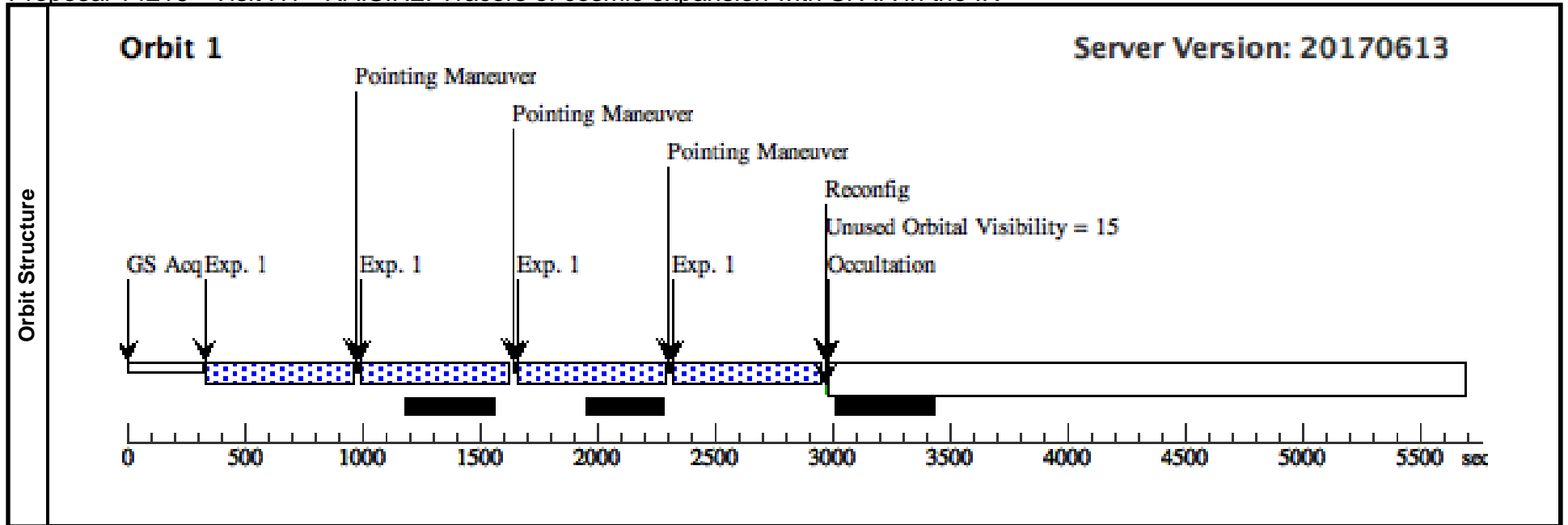
Visit	Proposal 14216, Visit G4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; AFTER G1 BY 180 D TO 365 D; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(31)	DES15E2NLZ	RA: 00 35 51.3300 (8.9638750d) Dec: -44 40 36.10 (-44.67669d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(31) DES15E2NLZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit G4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	



Proposal 14216 - Visit H1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

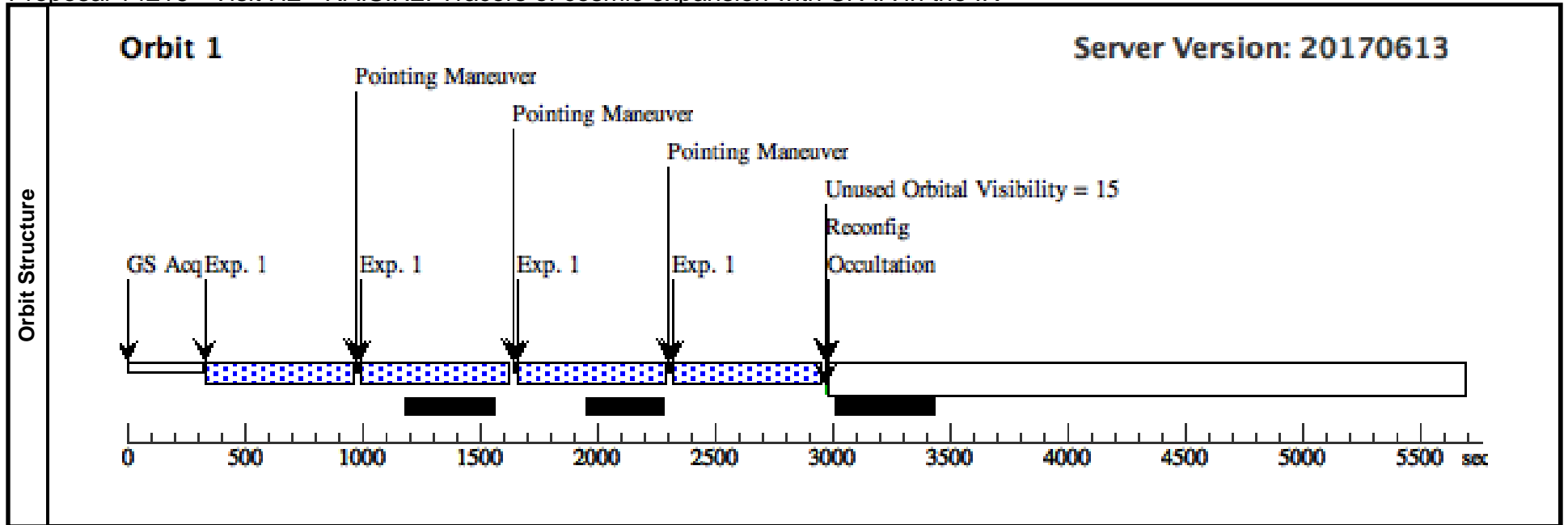
Visit	Proposal 14216, Visit H1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 10-JAN-2016:00:00:00 AND 03-FEB-2016:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false							(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(32)	DES15C3ODZ	RA: 03 27 54.9600 (51.9790000d) Dec: -28 33 52.00 (-28.56444d) Equinox: J2000		V=22.8	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(32) DES15C3ODZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit H1 (1)	602.937703 Secs (2411.751 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit H2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

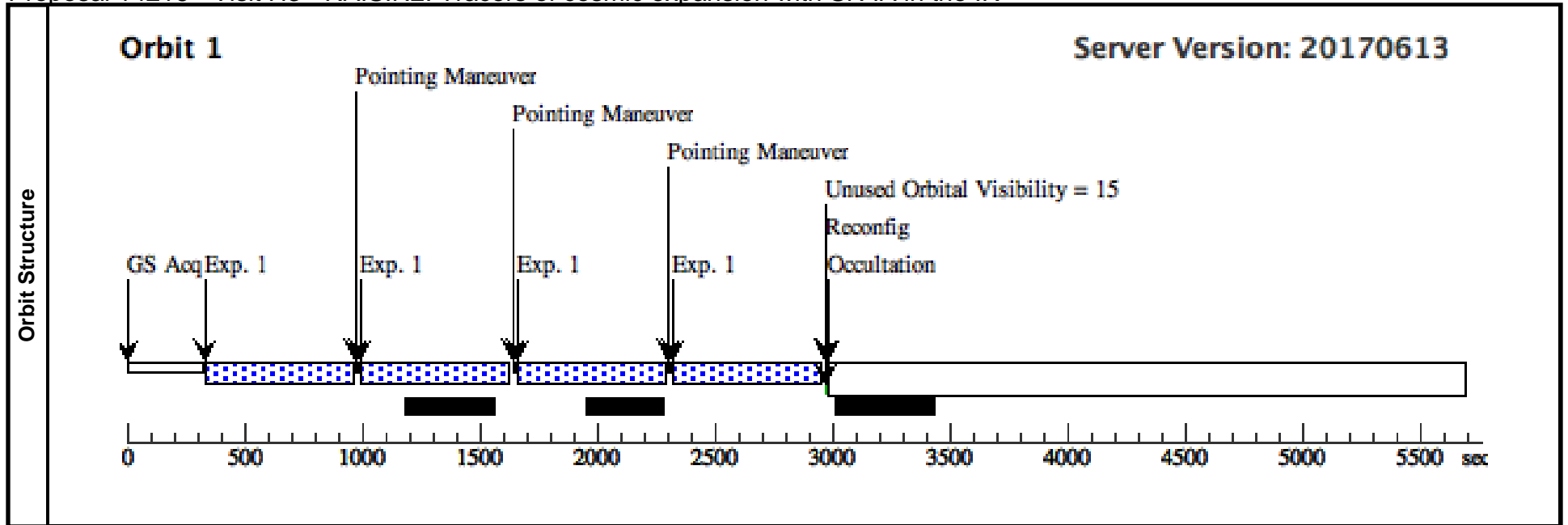
Visit	<p>Proposal 14216, Visit H2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS H1; AFTER H1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(32)	DES15C3ODZ	RA: 03 27 54.9600 (51.9790000d) Dec: -28 33 52.00 (-28.56444d) Equinox: J2000		V=22.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(32) DES15C3ODZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit H2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit H3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

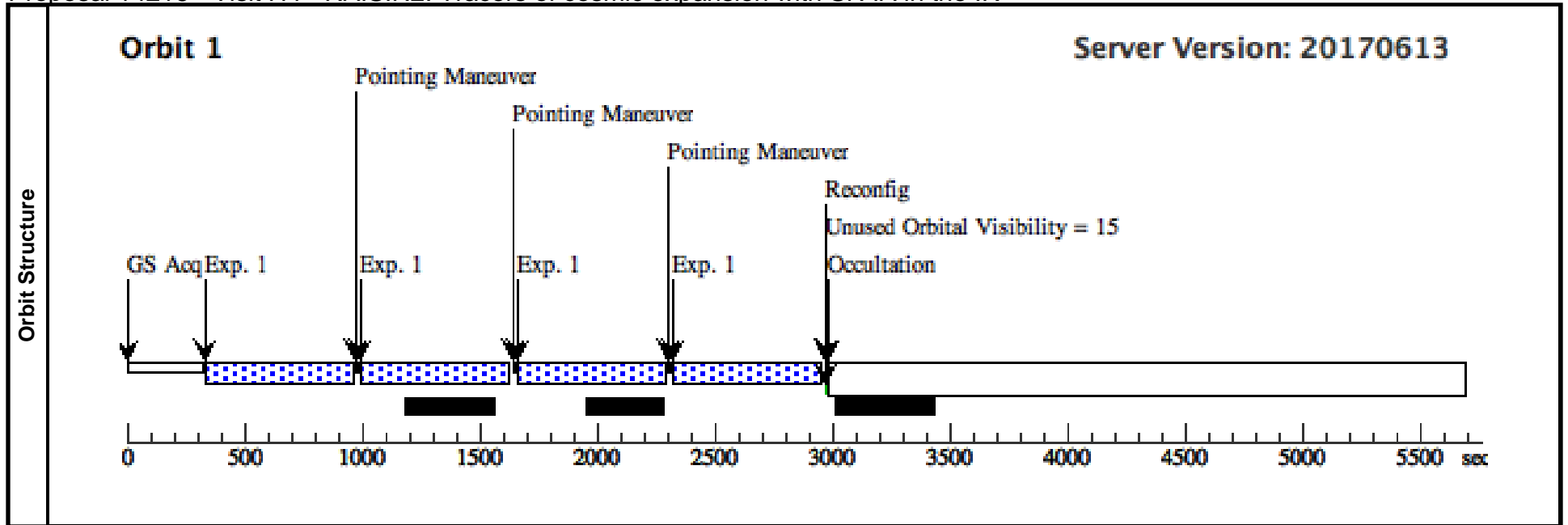
Visit	<p>Proposal 14216, Visit H3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; AFTER H1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the third of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended plus or minus 2 days.</i> <i>optimum scheduling for this visit is 15 days AFTER the first visit in sequence.</i></p> <p><i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(32)	DES15C3ODZ	RA: 03 27 54.9600 (51.9790000d) Dec: -28 33 52.00 (-28.56444d) Equinox: J2000		V=22.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(32) DES15C3ODZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit H3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit H4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:42 GMT 2017

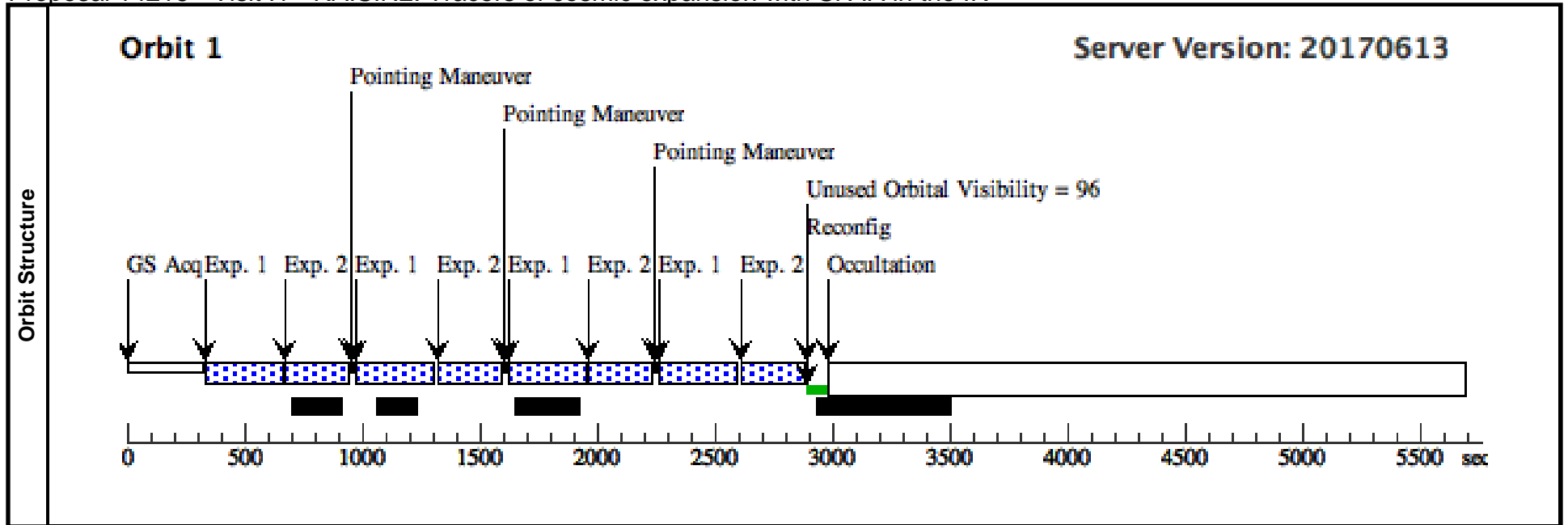
Visit	Proposal 14216, Visit H4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; AFTER H1 BY 180 D TO 365 D; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(32)	DES15C3ODZ	RA: 03 27 54.9600 (51.9790000d) Dec: -28 33 52.00 (-28.56444d) Equinox: J2000			V=22.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(32) DES15C3ODZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit H4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit I1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

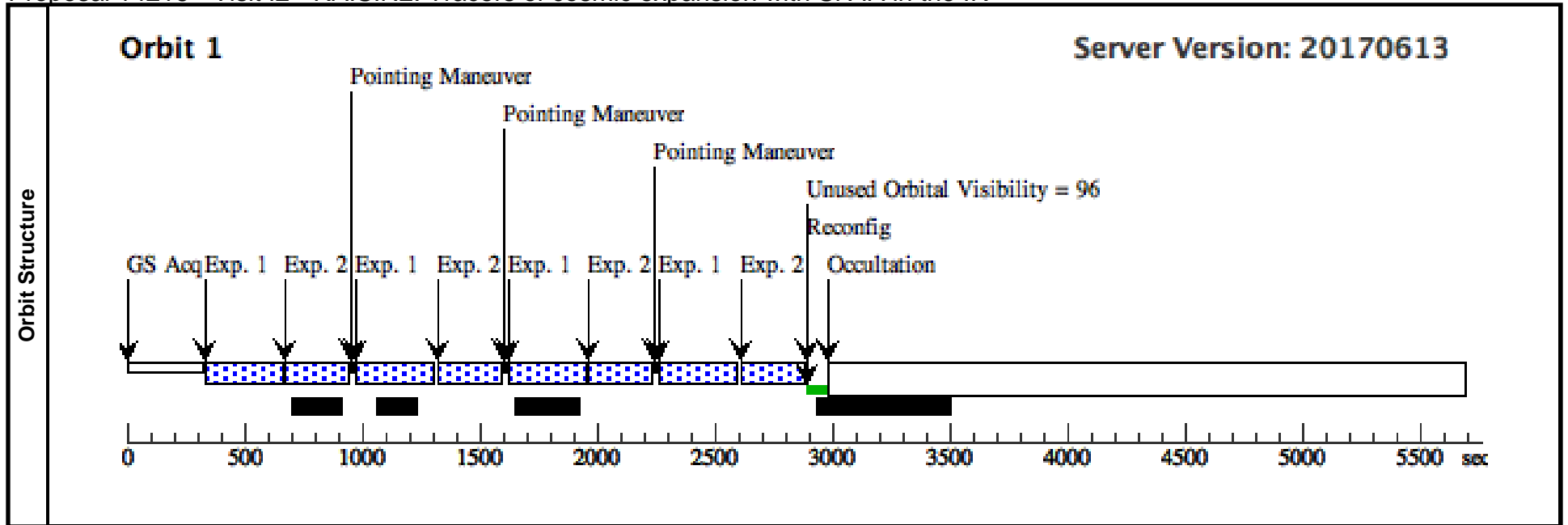
Visit	<p>Proposal 14216, Visit II, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 13-NOV-2016:00:00:00 AND 29-NOV-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(50)	DES16E1DCX	RA: 00 35 52.4300 (8.9684583d) Dec: -43 21 28.80 (-43.35800d) Equinox: J2000				V=22.7	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(50) DES16E1DCX	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit II (1)	302.934997 Secs (1211.74 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]
	2	(50) DES16E1DCX	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit II (1)	252.934546 Secs (1011.738 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit I2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

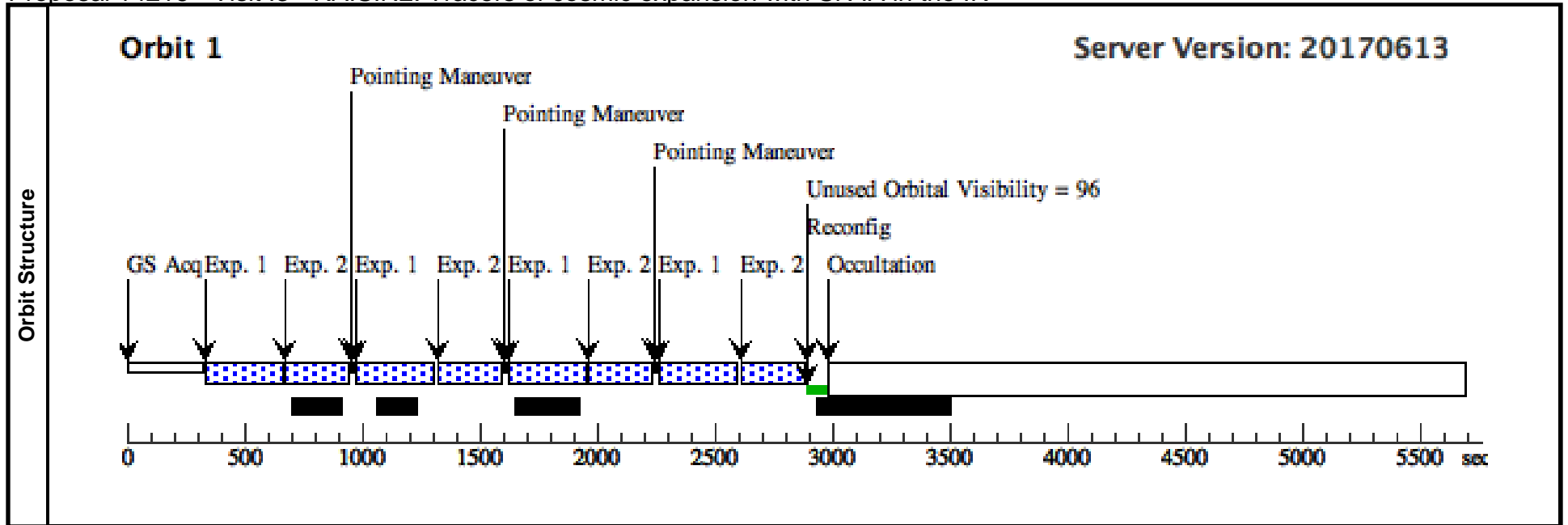
Visit	<p>Proposal 14216, Visit I2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS I1; AFTER I1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(50)	DES16E1DCX	RA: 00 35 52.4300 (8.9684583d) Dec: -43 21 28.80 (-43.35800d) Equinox: J2000					V=22.7	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(50) DES16E1DCX	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit I2 (1)	302.934997 Secs (1211.74 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
2	(50) DES16E1DCX	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit I2 (1)	252.934546 Secs (1011.738 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	



Proposal 14216 - Visit I3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

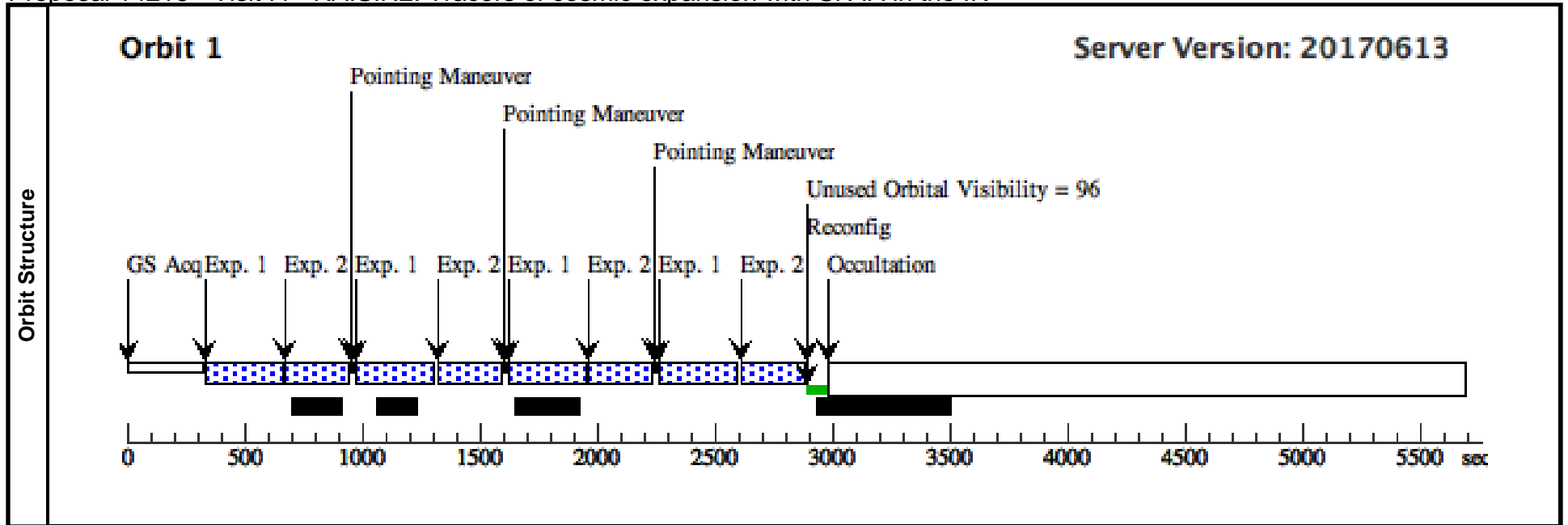
Visit	<p>Proposal 14216, Visit I3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS I1; AFTER I1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the third of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended plus or minus 2 days.</i> <i>optimum scheduling for this visit is 15 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(50)	DES16E1DCX	RA: 00 35 52.4300 (8.9684583d) Dec: -43 21 28.80 (-43.35800d) Equinox: J2000				V=22.7	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(50) DES16E1DCX	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit I3 (1)	302.934997 Secs (1211.74 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
2	(50) DES16E1DCX	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit I3 (1)	252.934546 Secs (1011.738 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	



Proposal 14216 - Visit I4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

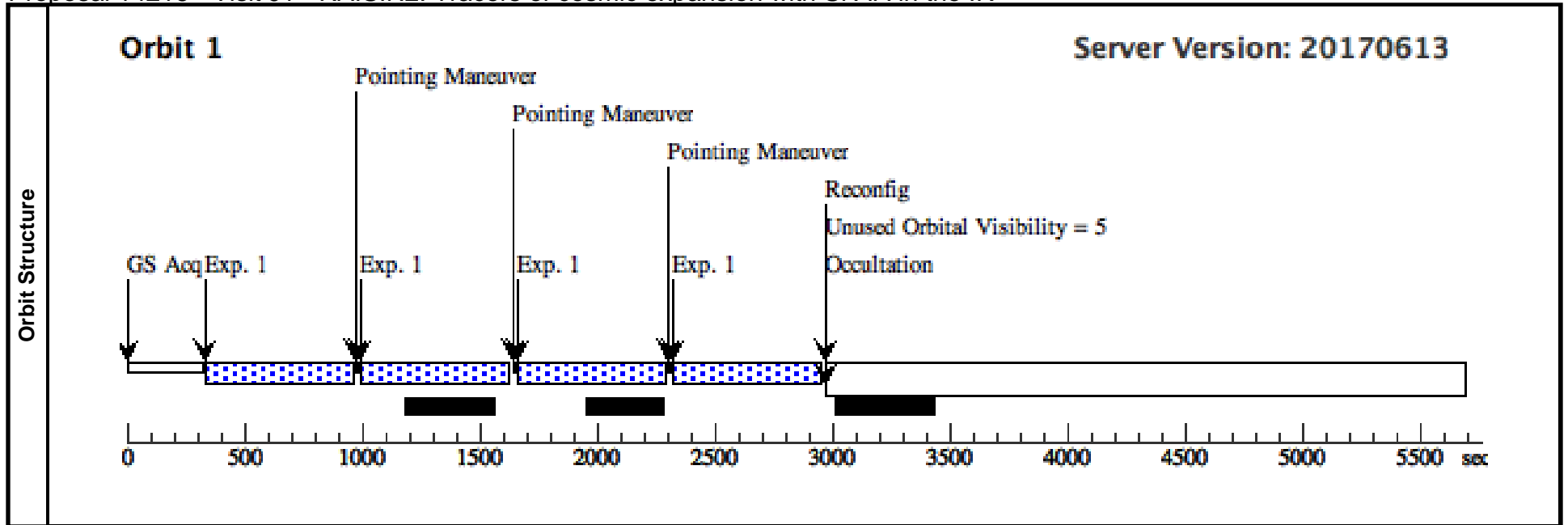
Visit	Proposal 14216, Visit I4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 01-NOV-2017:00:00:00 AND 30-NOV-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(50)	DES16E1DCX	RA: 00 35 52.4300 (8.9684583d) Dec: -43 21 28.80 (-43.35800d) Equinox: J2000			V=22.7	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(50) DES16E1DCX	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit I4 (1)	302.934997 Secs (1211.74 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2	(50) DES16E1DCX	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit I4 (1)	252.934546 Secs (1011.738 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit J1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

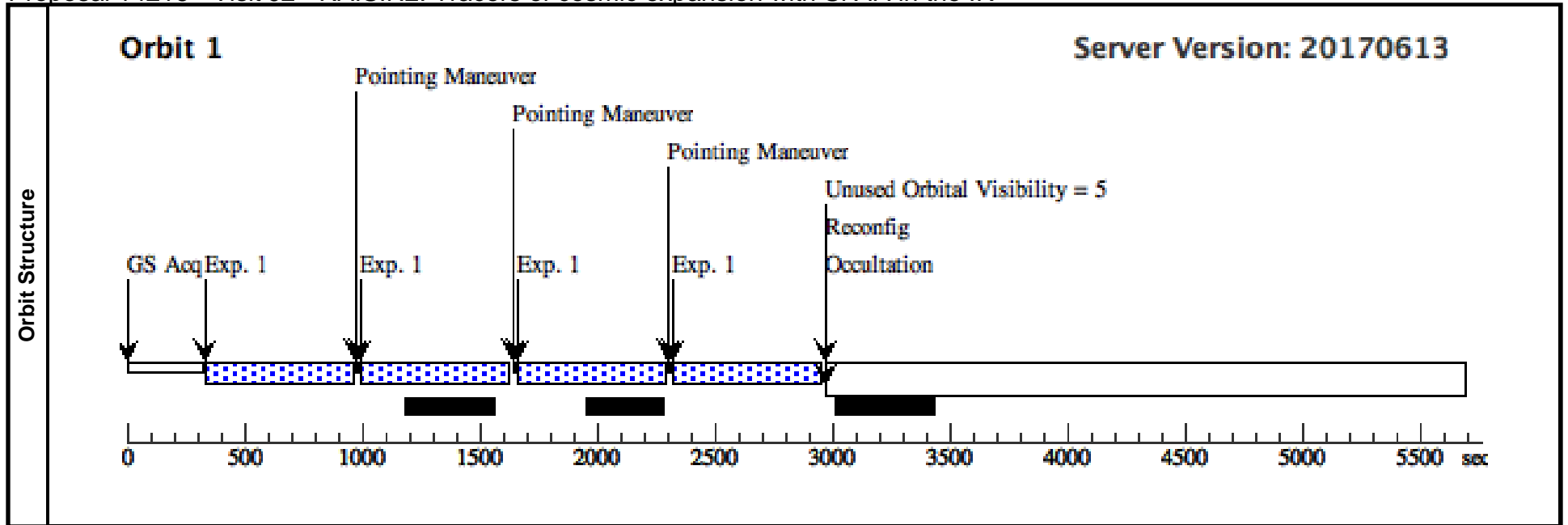
Visit	<p>Proposal 14216, Visit J1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 24-JAN-2016:00:00:00 AND 17-FEB-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(34)	SNABELL370	RA: 02 39 52.5500 (39.9689583d) Dec: -01 35 53.30 (-1.59814d) Equinox: J2000				V=22.8	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(34) SNABELL370	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit J1 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit J2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

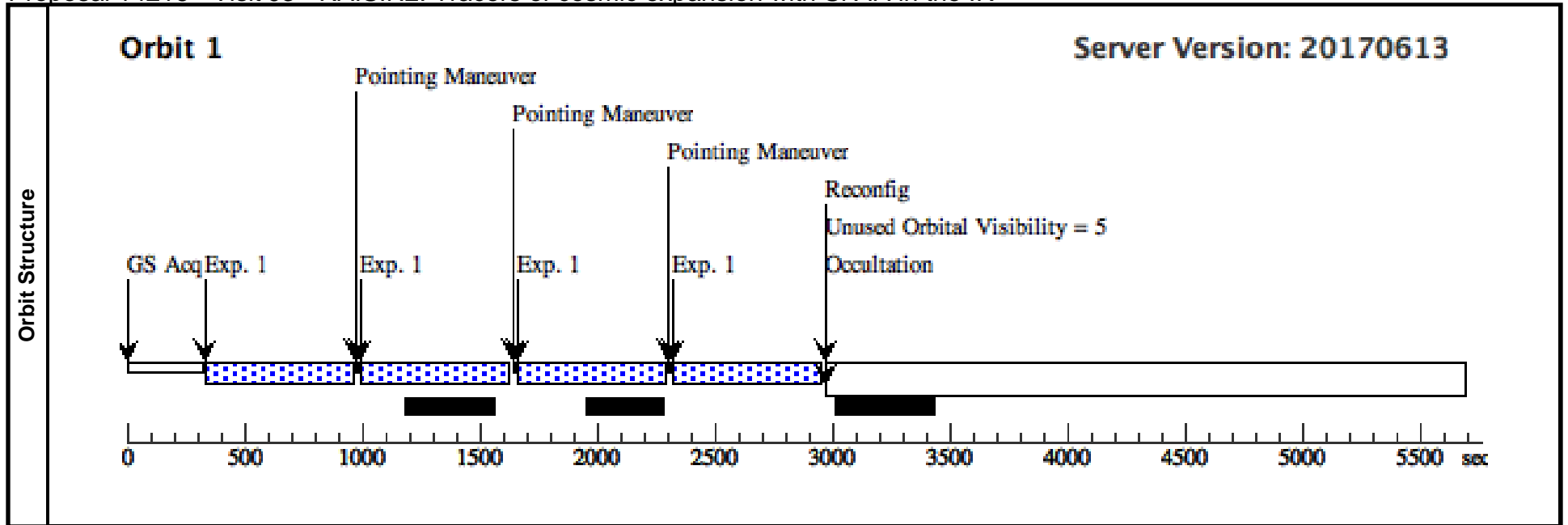
Visit	<p>Proposal 14216, Visit J2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS J1; AFTER J1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the second of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended by plus or minus 1 day.</i> <i>optimum scheduling is 7 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(34)	SNABELL370	RA: 02 39 52.5500 (39.9689583d) Dec: -01 35 53.30 (-1.59814d) Equinox: J2000		V=22.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(34) SNABELL370		WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit J2 (1)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 14216 - Visit J3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

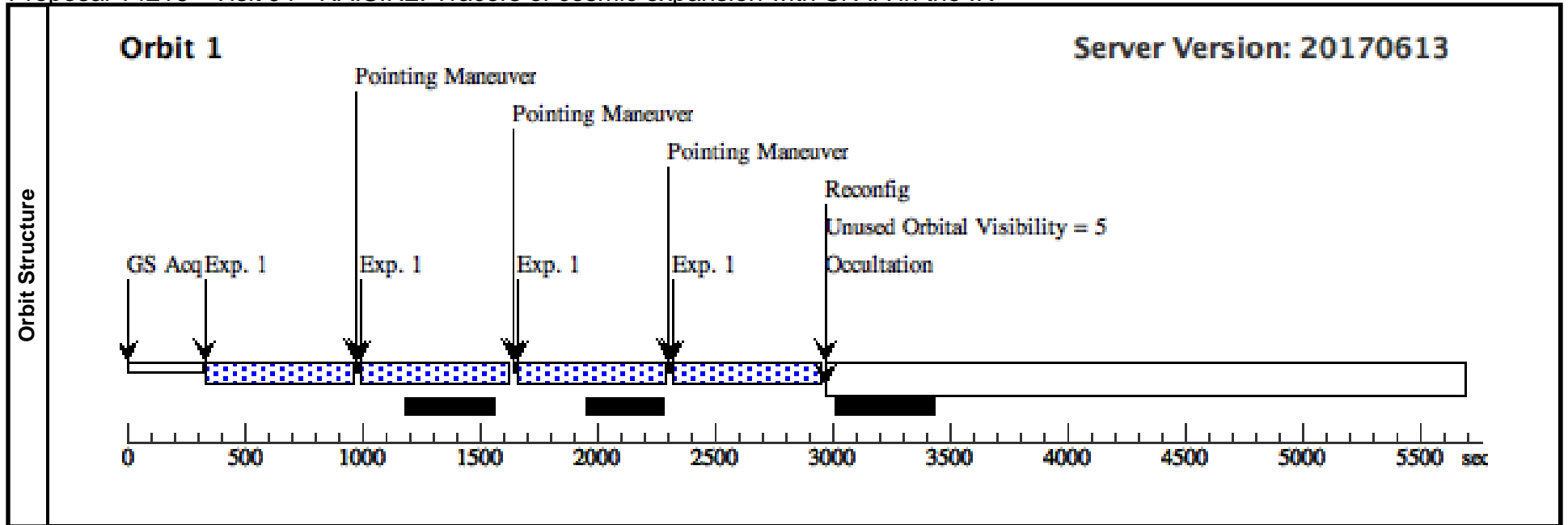
Visit	<p>Proposal 14216, Visit J3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS J1; AFTER J1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the third of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended plus or minus 2 days.</i> <i>optimum scheduling for this visit is 15 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(34)	SNABELL370	RA: 02 39 52.5500 (39.9689583d) Dec: -01 35 53.30 (-1.59814d) Equinox: J2000		V=22.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(34) SNABELL370	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit J3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit J4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

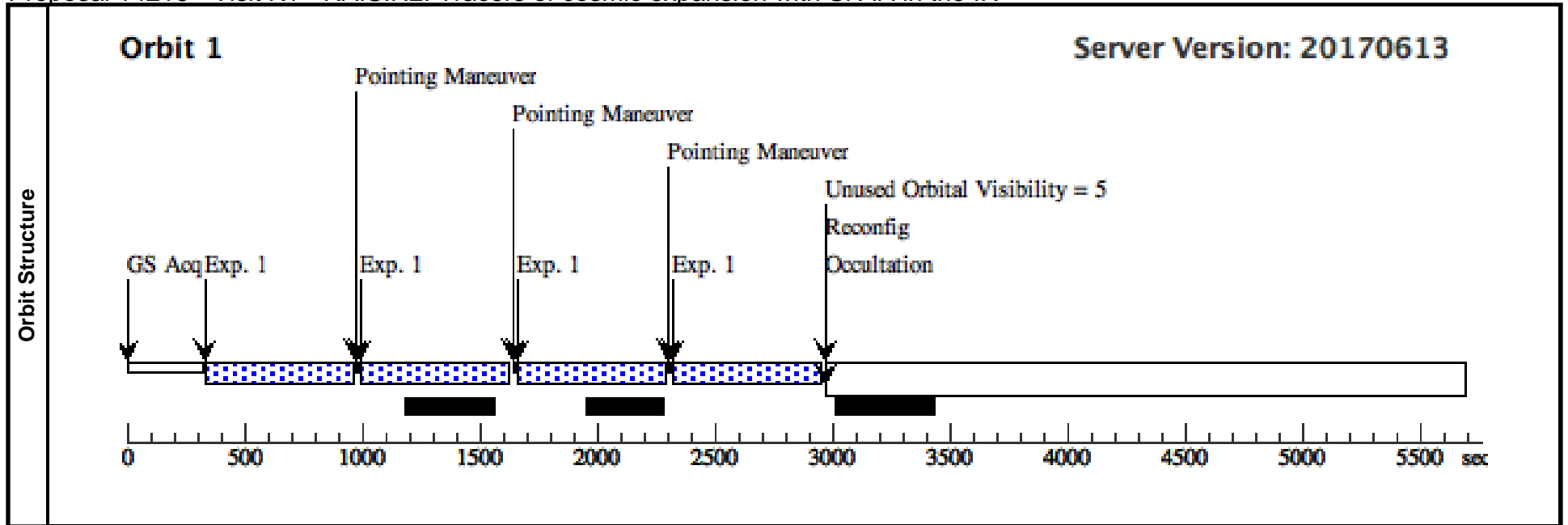
Visit	Proposal 14216, Visit J4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; AFTER J1 BY 180 D TO 365 D; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(34)	SNABELL370	RA: 02 39 52.5500 (39.9689583d) Dec: -01 35 53.30 (-1.59814d) Equinox: J2000			V=22.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(34) SNABELL370	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit J4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit K1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

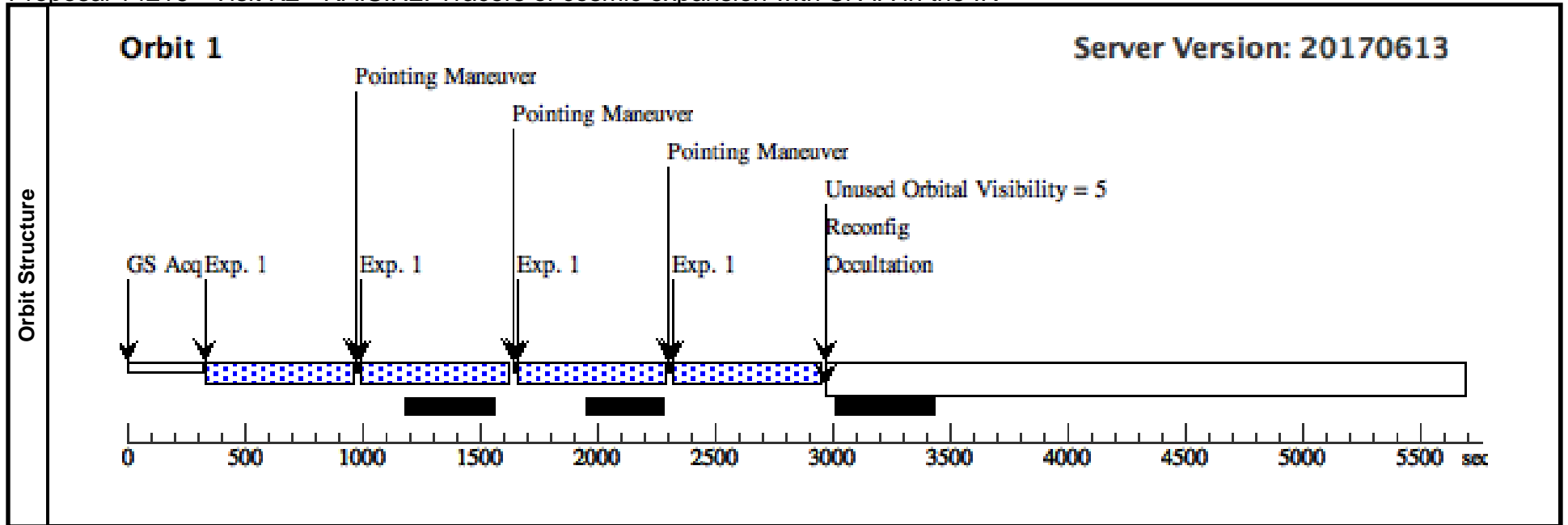
Visit	<p>Proposal 14216, Visit K1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 18-SEP-2016:00:00:00 AND 05-OCT-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible.</i></p> <p><i>If we need to extent the between please let us know.</i></p> <p><i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(35)	DES16S2AFZ	RA: 02 46 24.2900 (41.6012083d) Dec: -01 13 31.00 (-1.22528d) Equinox: J2000			V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(35) DES16S2AFZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit K1 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit K2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

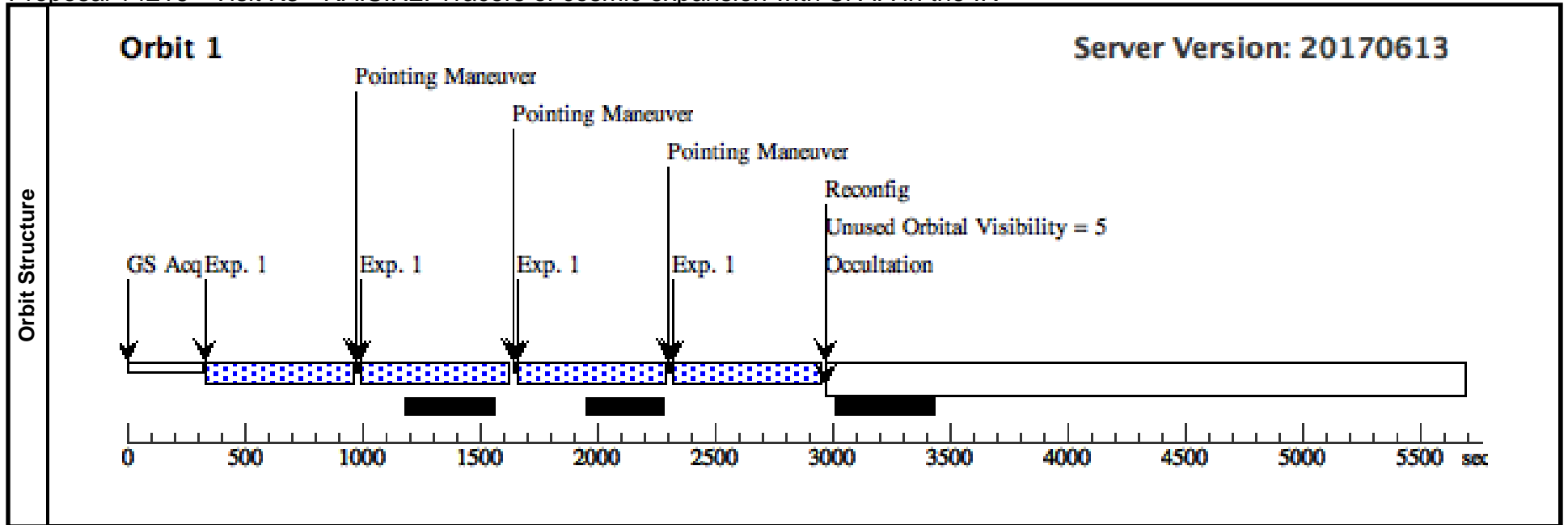
Visit	<p>Proposal 14216, Visit K2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS K1; AFTER K1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the second of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended by plus or minus 1 day.</i> <i>optimum scheduling is 7 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(35)	DES16S2AFZ	RA: 02 46 24.2900 (41.6012083d) Dec: -01 13 31.00 (-1.22528d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(35) DES16S2AFZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit K2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit K3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

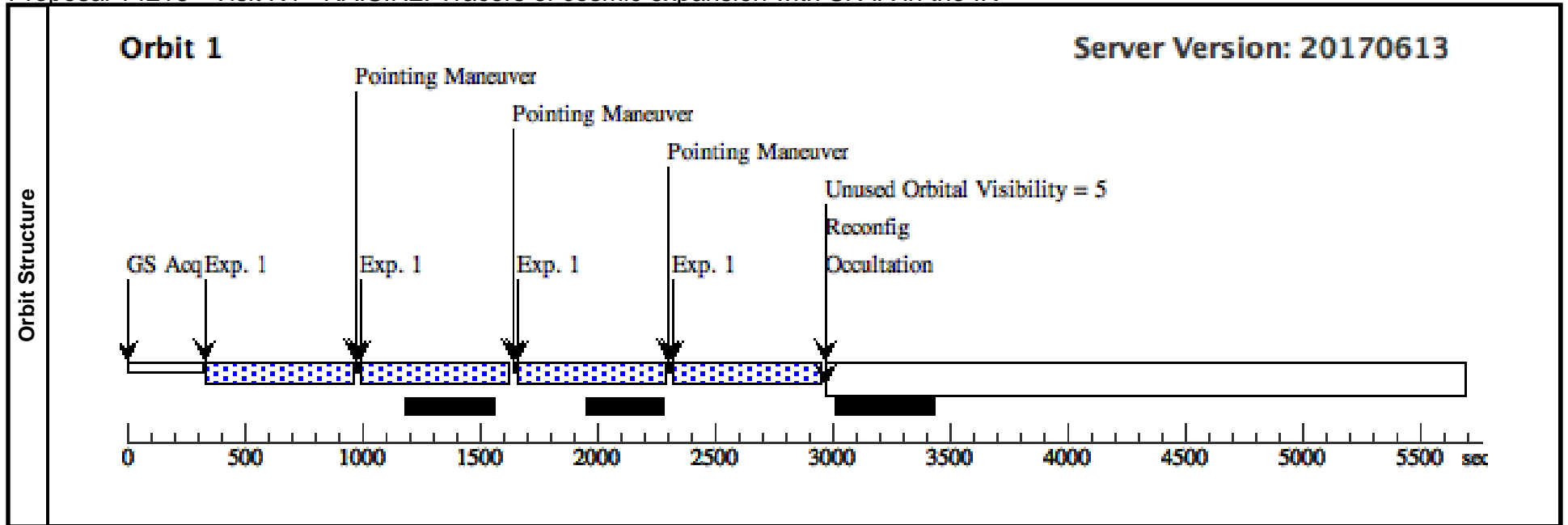
Visit	<p>Proposal 14216, Visit K3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS K1; AFTER K1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(35)	DES16S2AFZ	RA: 02 46 24.2900 (41.6012083d) Dec: -01 13 31.00 (-1.22528d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(35) DES16S2AFZ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit K3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit K4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

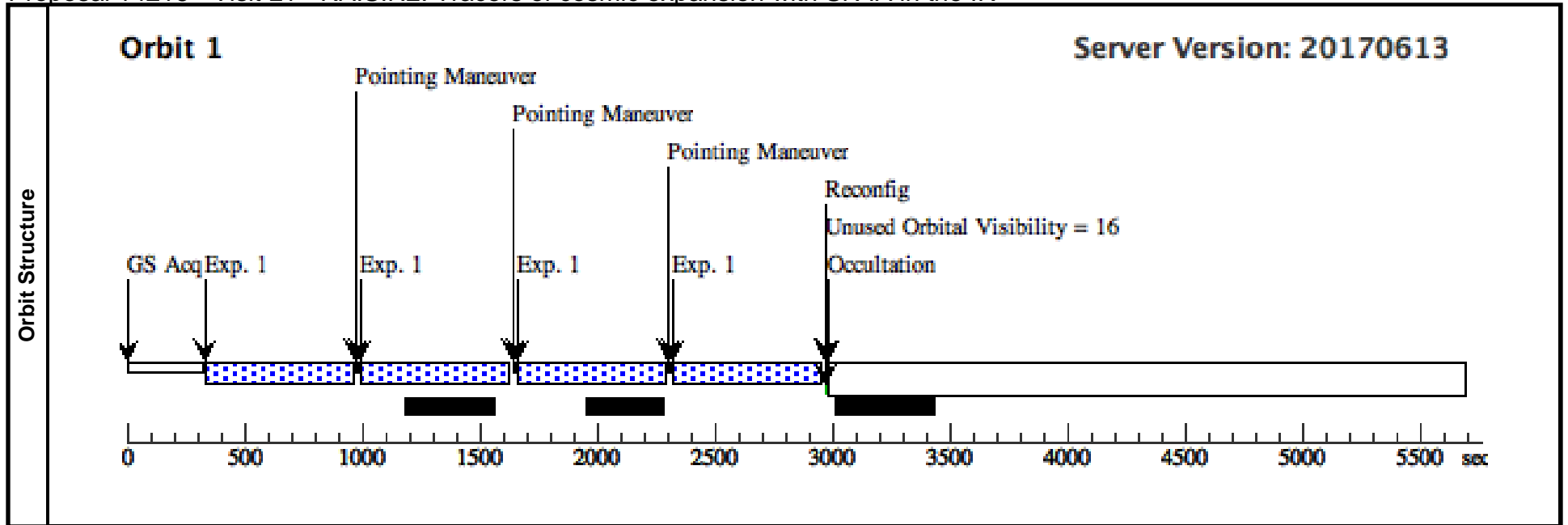
Visit	Proposal 14216, Visit K4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 01-NOV-2017:00:00:00 AND 30-NOV-2017:00:00:00; ON HOLD Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(35)	DES16S2AFZ	RA: 02 46 24.2900 (41.6012083d) Dec: -01 13 31.00 (-1.22528d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(35) DES16S2AFZ		WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit K4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit L1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

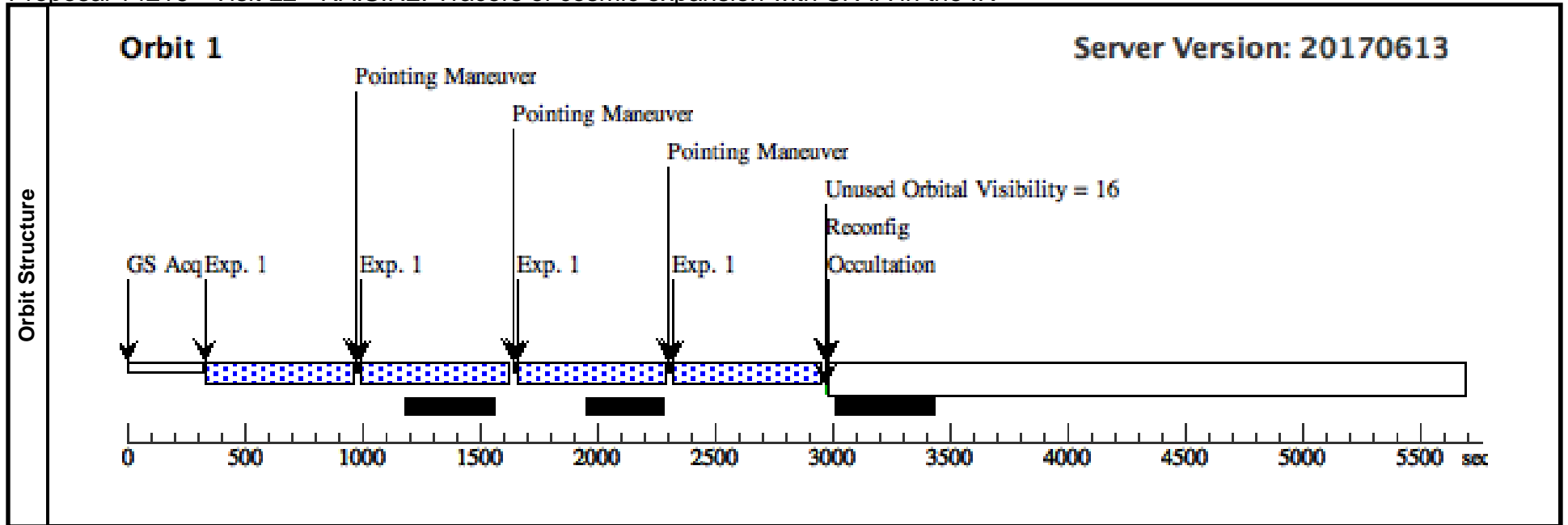
Visit	<p>Proposal 14216, Visit L1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 18-SEP-2016:00:00:00 AND 05-OCT-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible.</i></p> <p><i>IF you have to extend the between please let us know.</i></p> <p><i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(36)	DES16E2RD	RA: 00 32 21.3200 (8.0888333d) Dec: -43 50 46.00 (-43.84611d) Equinox: J2000			V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(36) DES16E2RD	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-1 in Visit L1 (1)	602.937703 Secs (2411.751 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit L2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

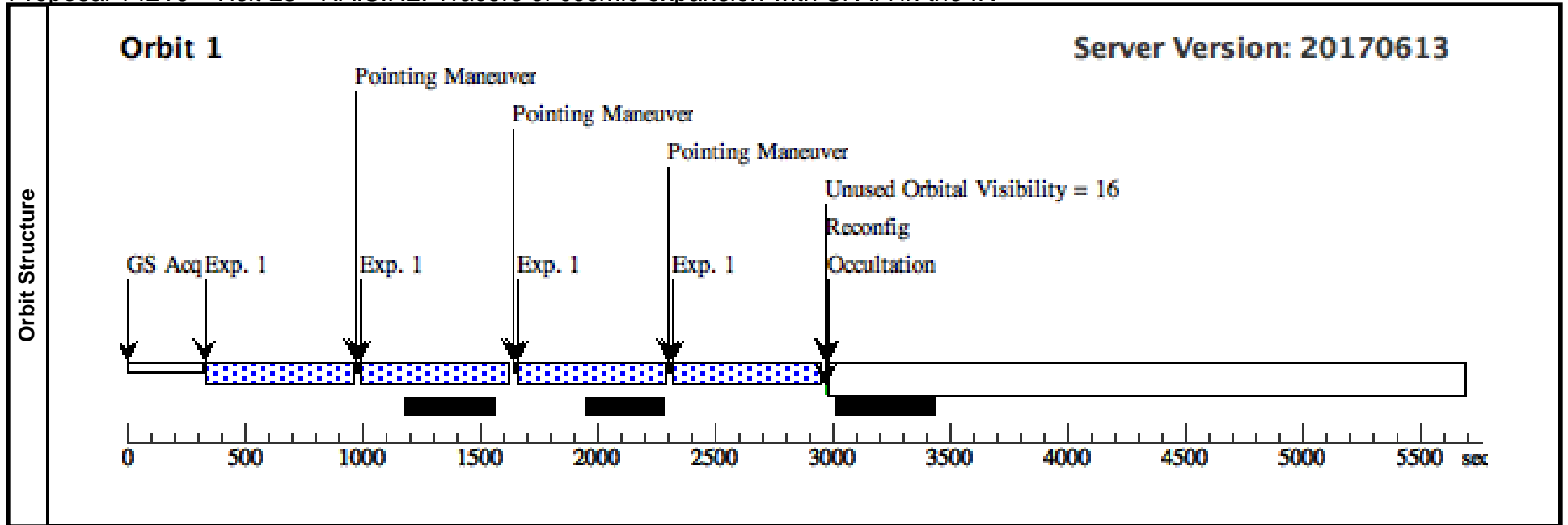
Visit	<p>Proposal 14216, Visit L2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS L1; AFTER L1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(36)	DES16E2RD	RA: 00 32 21.3200 (8.0888333d) Dec: -43 50 46.00 (-43.84611d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(36) DES16E2RD		WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-1 in Visit L2 (1)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 14216 - Visit L3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

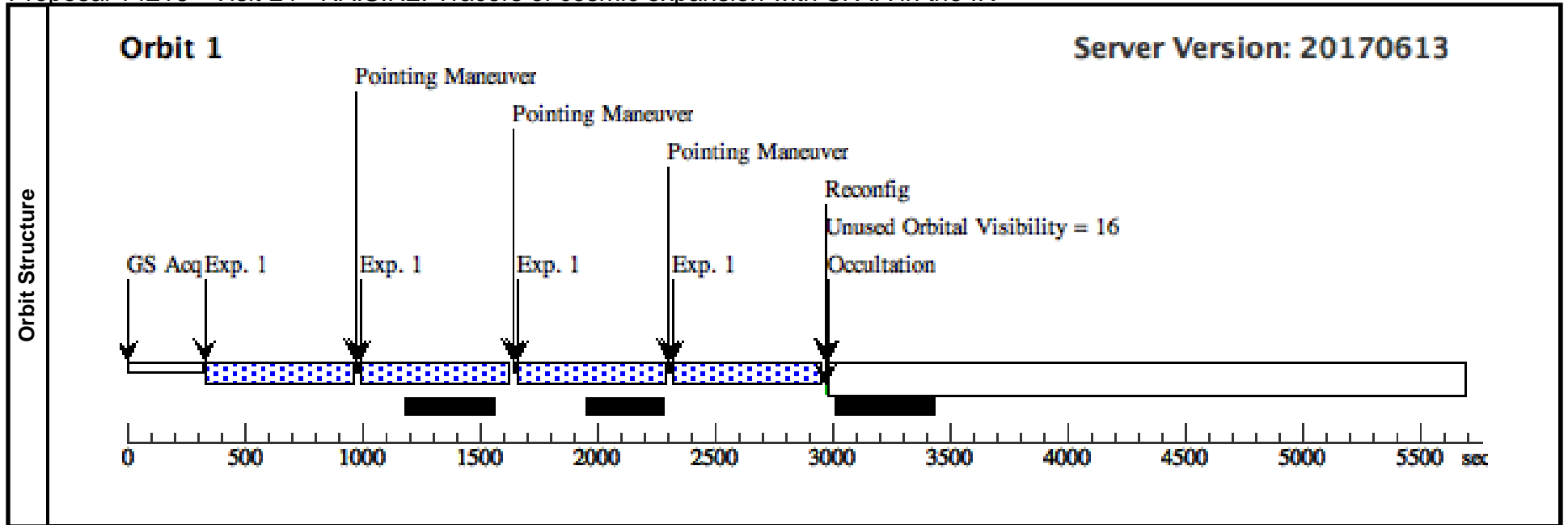
Visit	<p>Proposal 14216, Visit L3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS L1; AFTER L1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(36)	DES16E2RD	RA: 00 32 21.3200 (8.0888333d) Dec: -43 50 46.00 (-43.84611d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(36) DES16E2RD	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-1 in Visit L3 (1)	602.937703 Secs (2411.751 Secs)		[1]	
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		



Proposal 14216 - Visit L4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

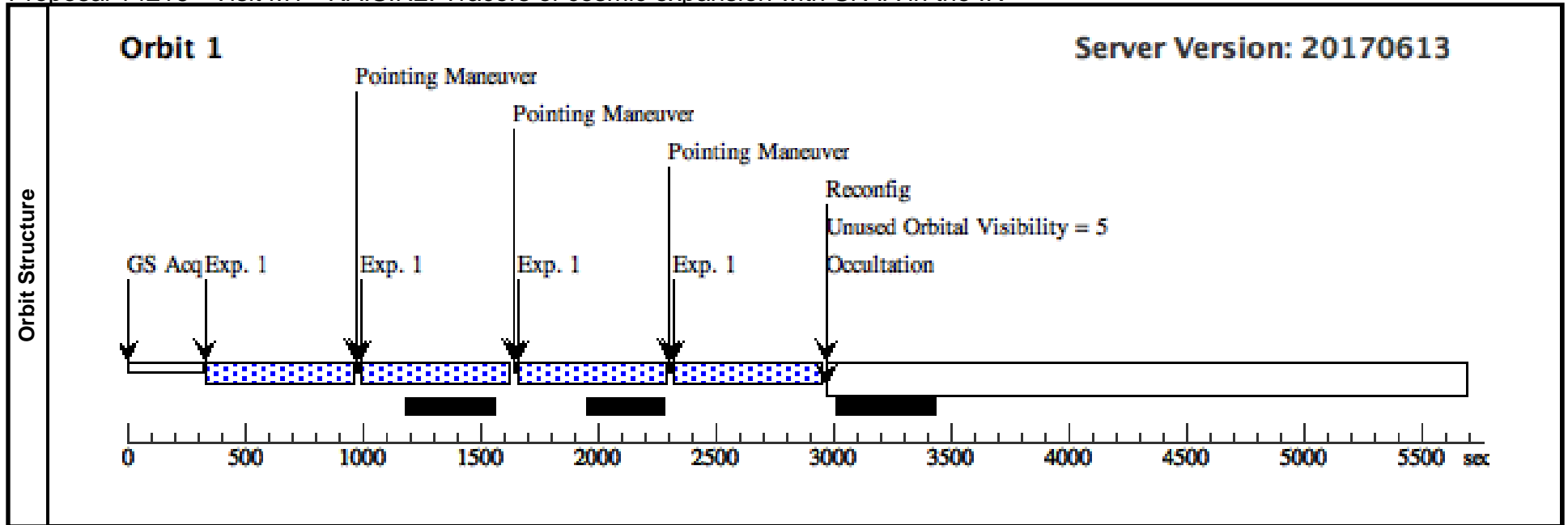
Visit	Proposal 14216, Visit L4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; AFTER L1 BY 180 D TO 365 D; ON HOLD <i>Comments: non-disruptive ToO.</i> <i>This is the fourth of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(36)	DES16E2RD	RA: 00 32 21.3200 (8.0888333d) Dec: -43 50 46.00 (-43.84611d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(36) DES16E2RD	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-1 i n Visit L4 (1)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]		



Proposal 14216 - Visit M1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

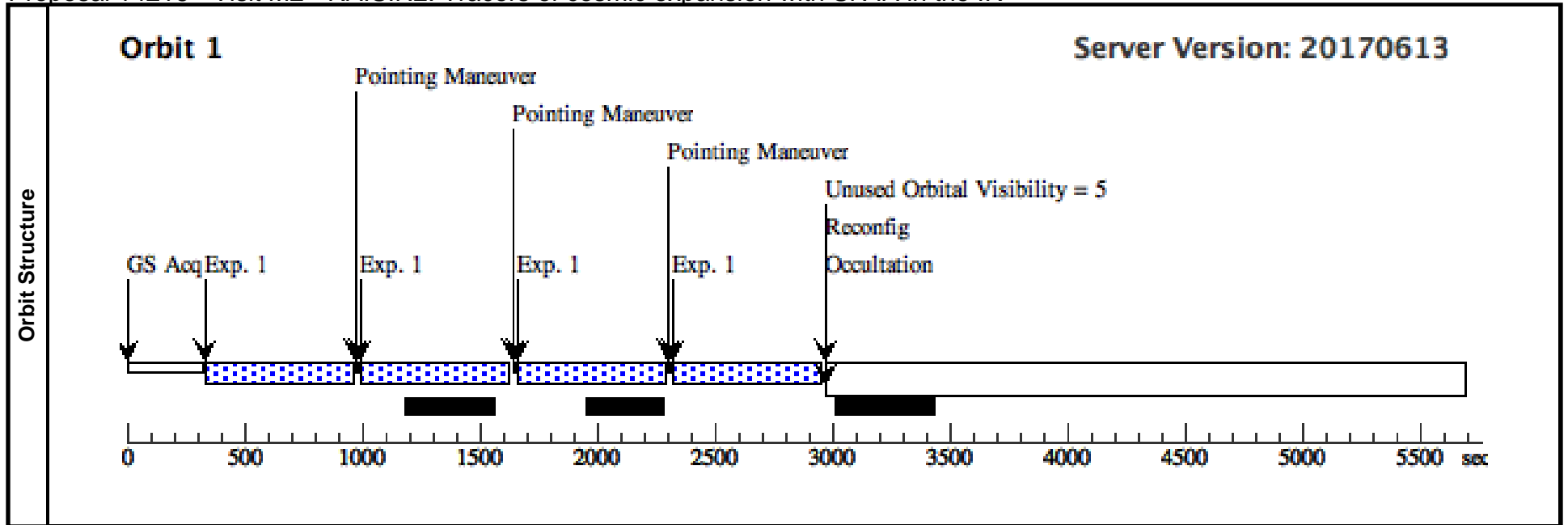
Visit	Proposal 14216, Visit M1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 18-SEP-2016:00:00:00 AND 05-OCT-2016:00:00:00; ON HOLD Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false							(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(37)	DES16X3ZD	RA: 02 26 56.4500 (36.7352083d) Dec: -04 25 9.50 (-4.41931d) Equinox: J2000		V=22.5	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(37) DES16X3ZD	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit M1 (1)	602.937703 Secs (2411.751 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit M2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

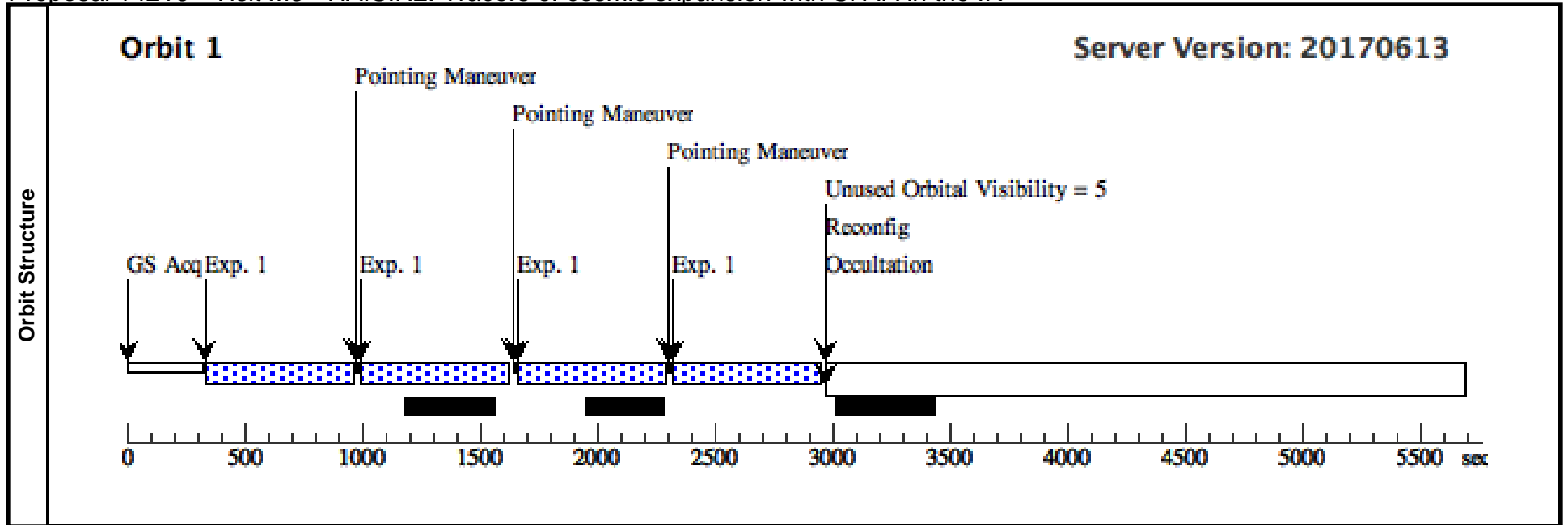
Visit	<p>Proposal 14216, Visit M2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS M1; AFTER M1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the second of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended by plus or minus 1 day.</i> <i>optimum scheduling is 7 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(37)	DES16X3ZD	RA: 02 26 56.4500 (36.7352083d) Dec: -04 25 9.50 (-4.41931d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(37) DES16X3ZD	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit M2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit M3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

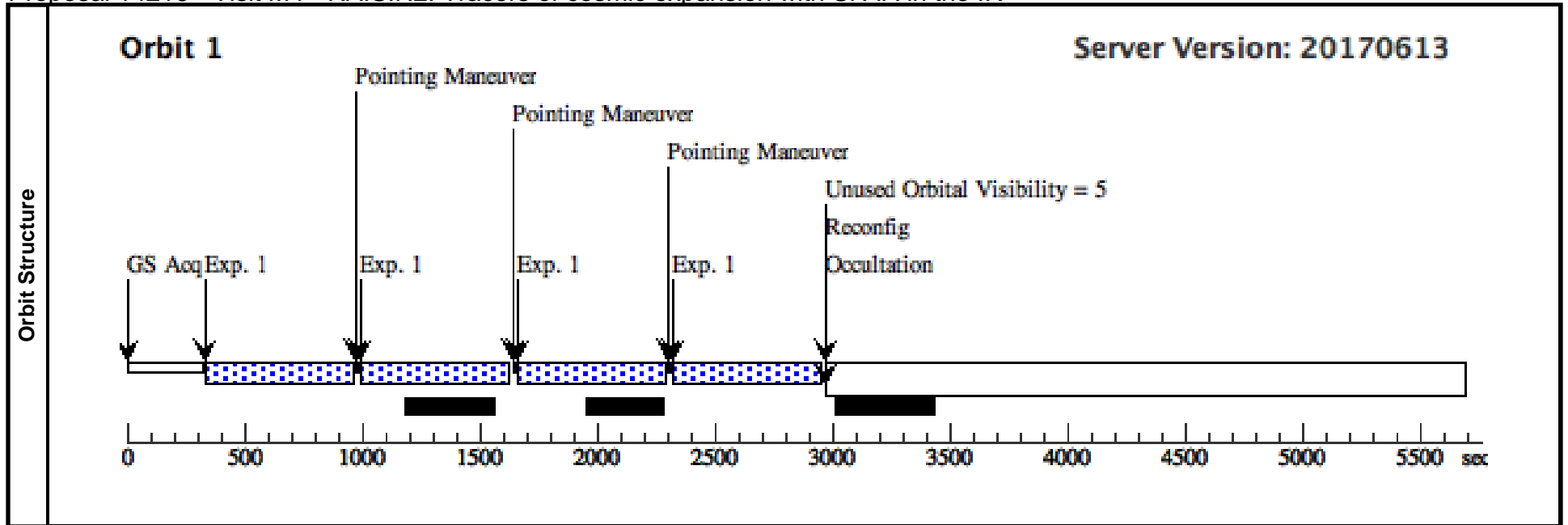
Visit	<p>Proposal 14216, Visit M3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS M1; AFTER M1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(37)	DES16X3ZD	RA: 02 26 56.4500 (36.7352083d) Dec: -04 25 9.50 (-4.41931d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(37) DES16X3ZD	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit M3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit M4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

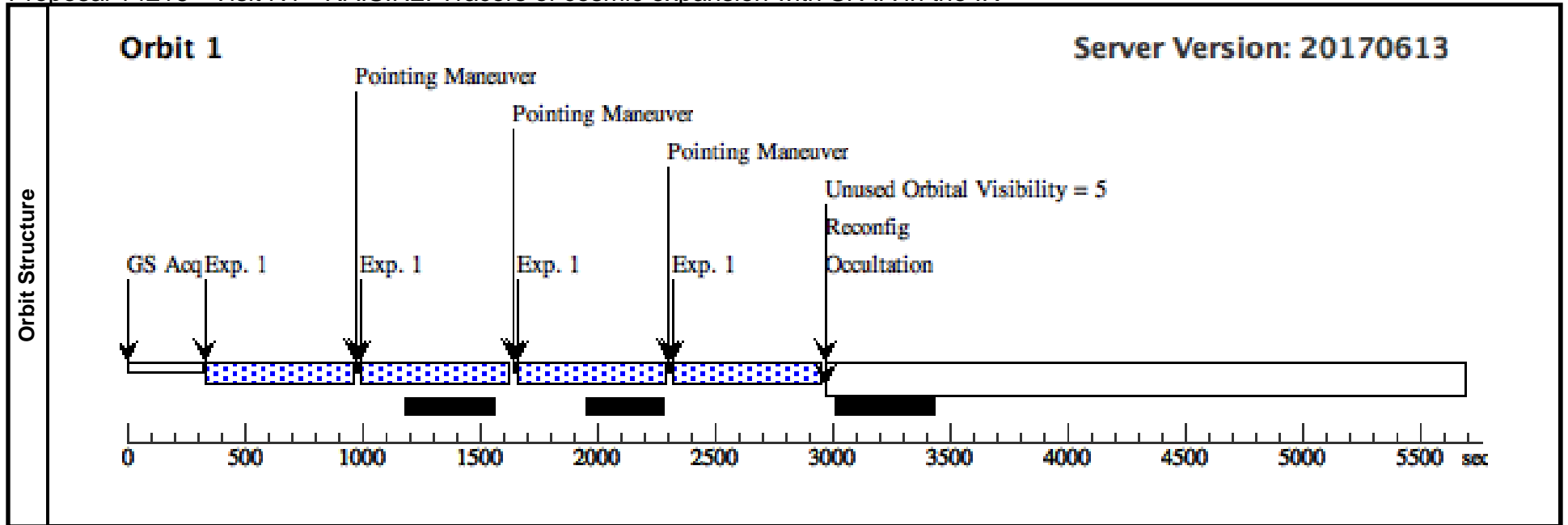
Visit	Proposal 14216, Visit M4, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; AFTER M1 BY 250 D TO 365 D; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(37)	DES16X3ZD	RA: 02 26 56.4500 (36.7352083d) Dec: -04 25 9.50 (-4.41931d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(37) DES16X3ZD	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit M4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit N1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

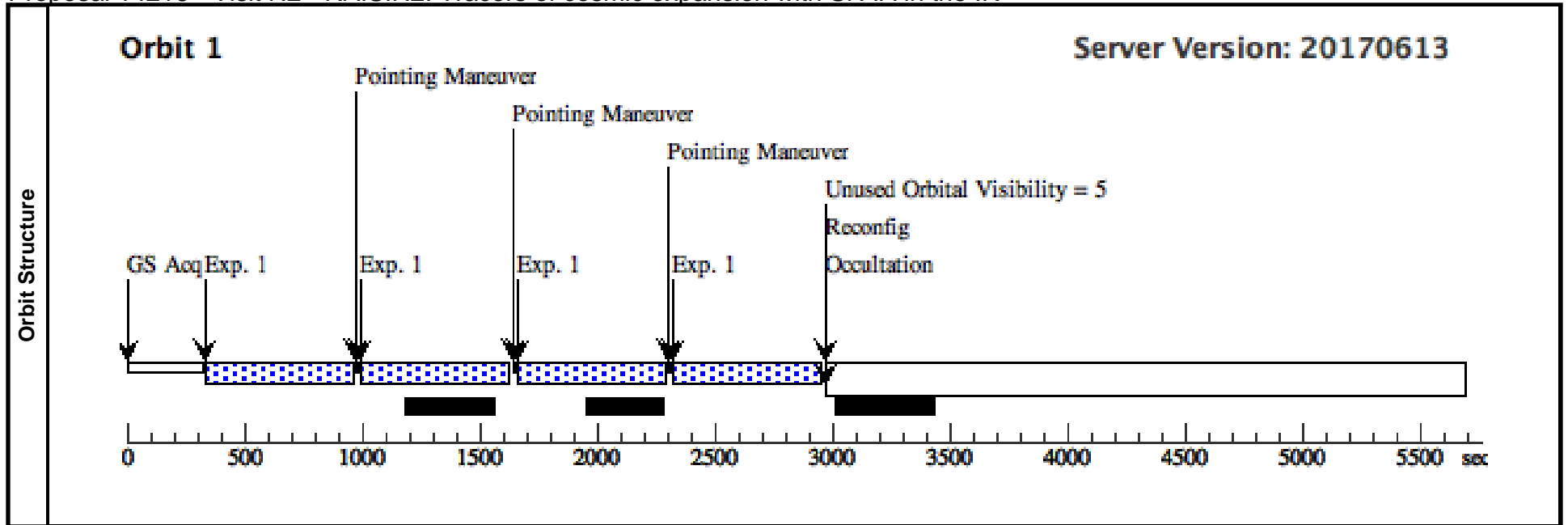
Visit	Proposal 14216, Visit N1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 18-SEP-2016:00:00:00 AND 05-OCT-2016:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(38)	DES16S1AGD	RA: 02 52 20.0200 (43.0834167d) Dec: -00 54 40.20 (-.91117d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(38) DES16S1AGD	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit N1 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit N2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

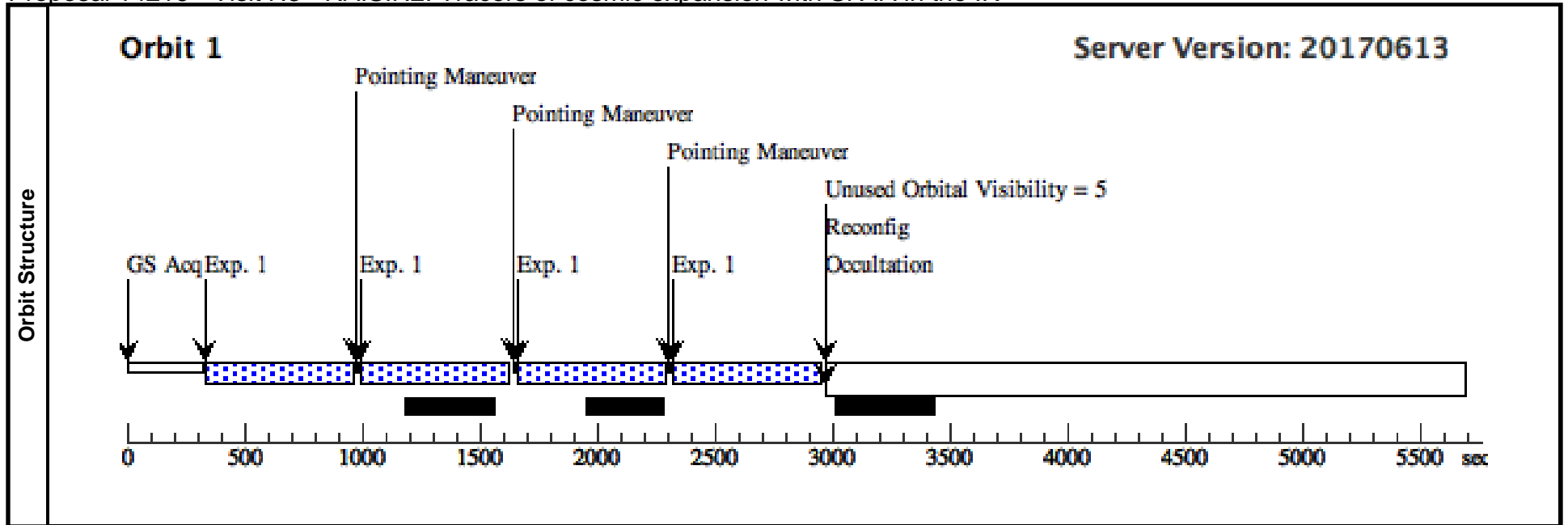
Visit	<p>Proposal 14216, Visit N2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS N1; AFTER N1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(38)	DES16S1AGD	RA: 02 52 20.0200 (43.0834167d) Dec: -00 54 40.20 (-.91117d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(38) DES16S1AGD	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit N2 (1)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 14216 - Visit N3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

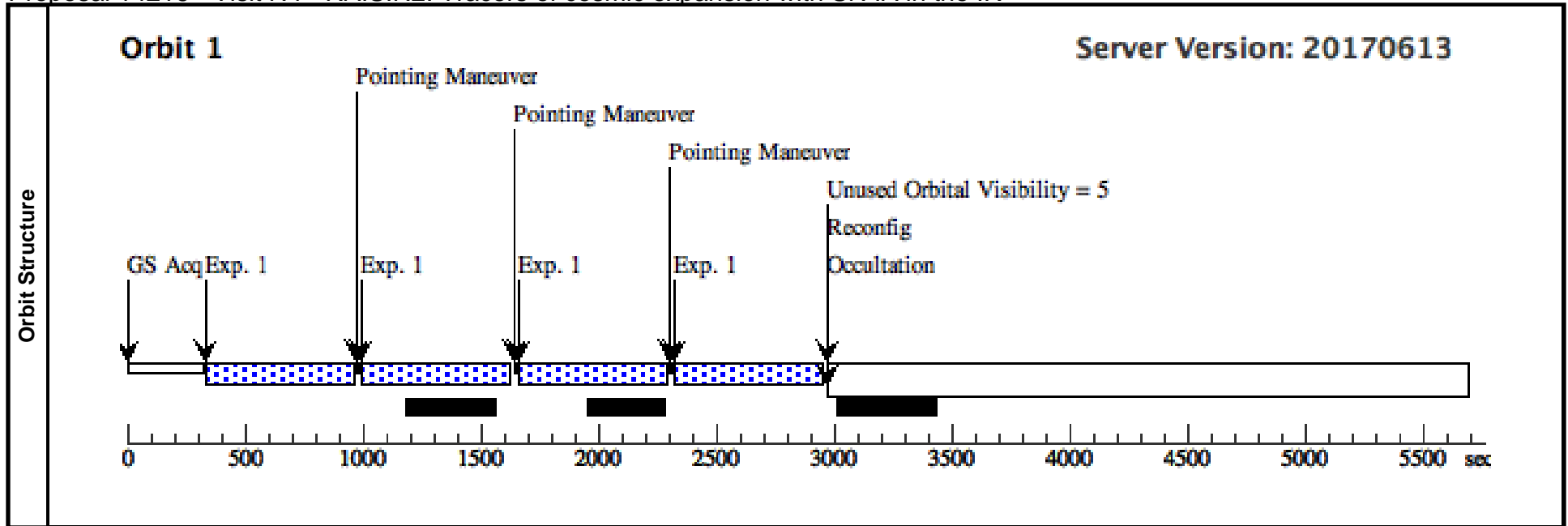
Visit	<p>Proposal 14216, Visit N3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS N1; AFTER N1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(38)	DES16S1AGD	RA: 02 52 20.0200 (43.0834167d) Dec: -00 54 40.20 (-.91117d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(38) DES16S1AGD	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit N3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit N4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

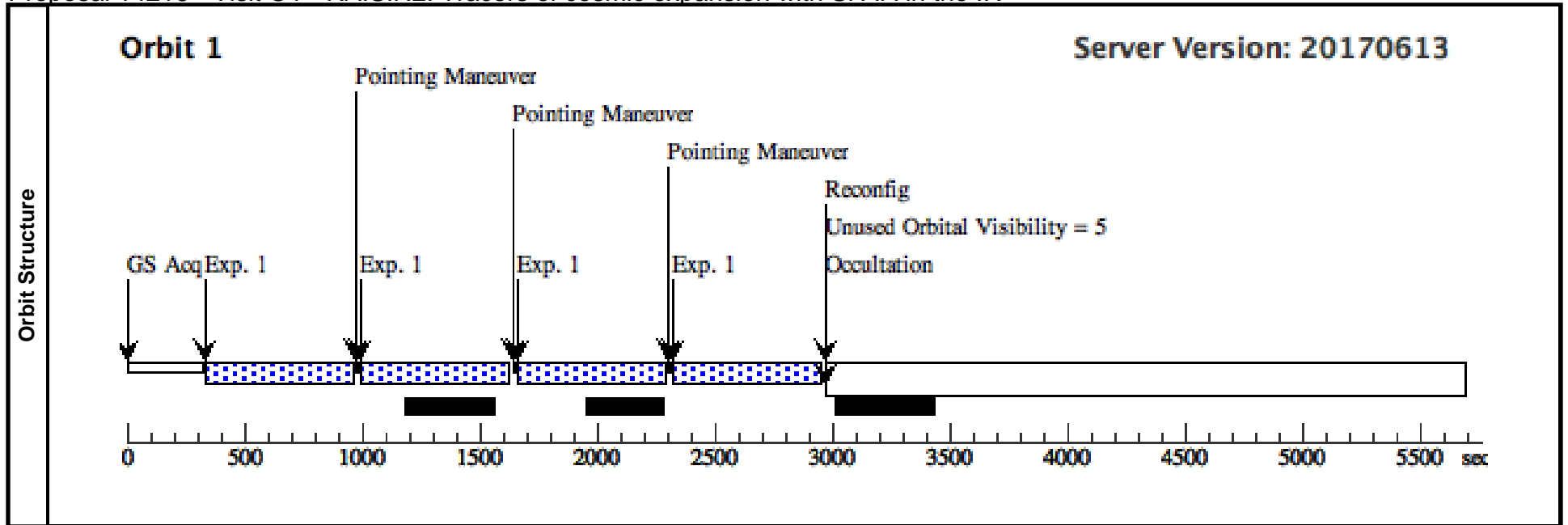
Visit	Proposal 14216, Visit N4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 20-AUG-2017:00:00:00 AND 16-SEP-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(38)	DES16S1AGD	RA: 02 52 20.0200 (43.0834167d) Dec: -00 54 40.20 (-.91117d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(38) DES16S1AGD	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit N4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit O1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

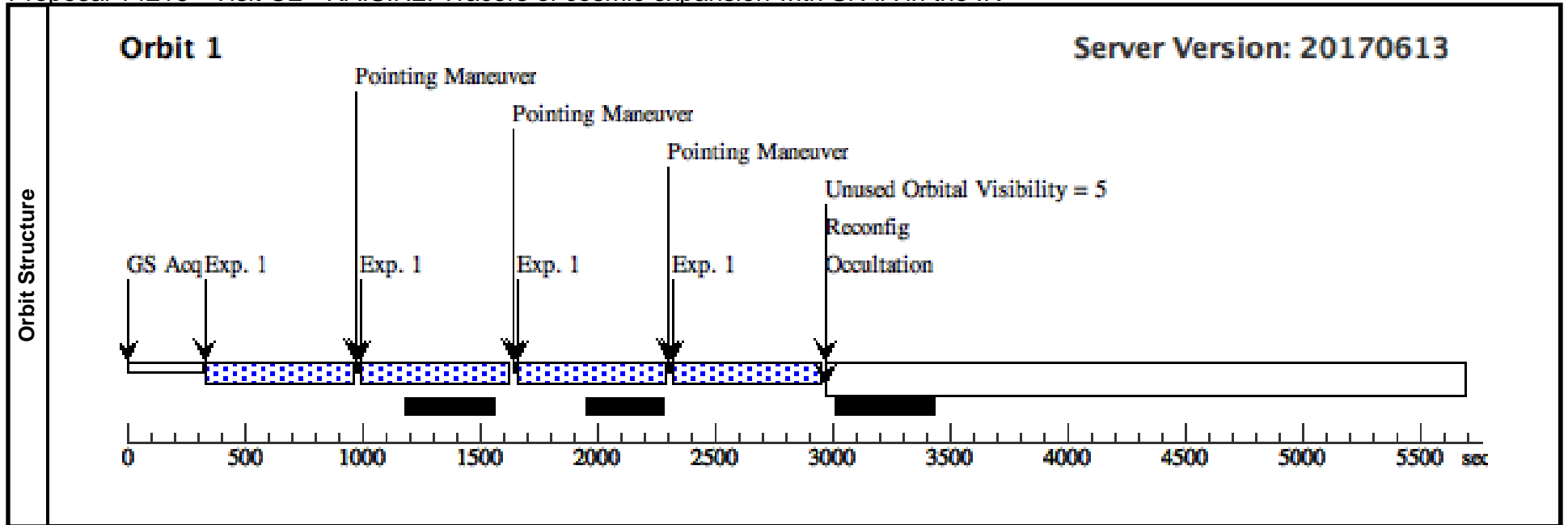
Visit	Proposal 14216, Visit O1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 16-OCT-2016:00:00:00 AND 01-NOV-2016:00:00:00; ON HOLD Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(39)	DES16S1BNO	RA: 02 50 3.7800 (42.5157500d) Dec: -00 01 17.40 (-.02150d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(39) DES16S1BNO		WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit O1 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit O2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

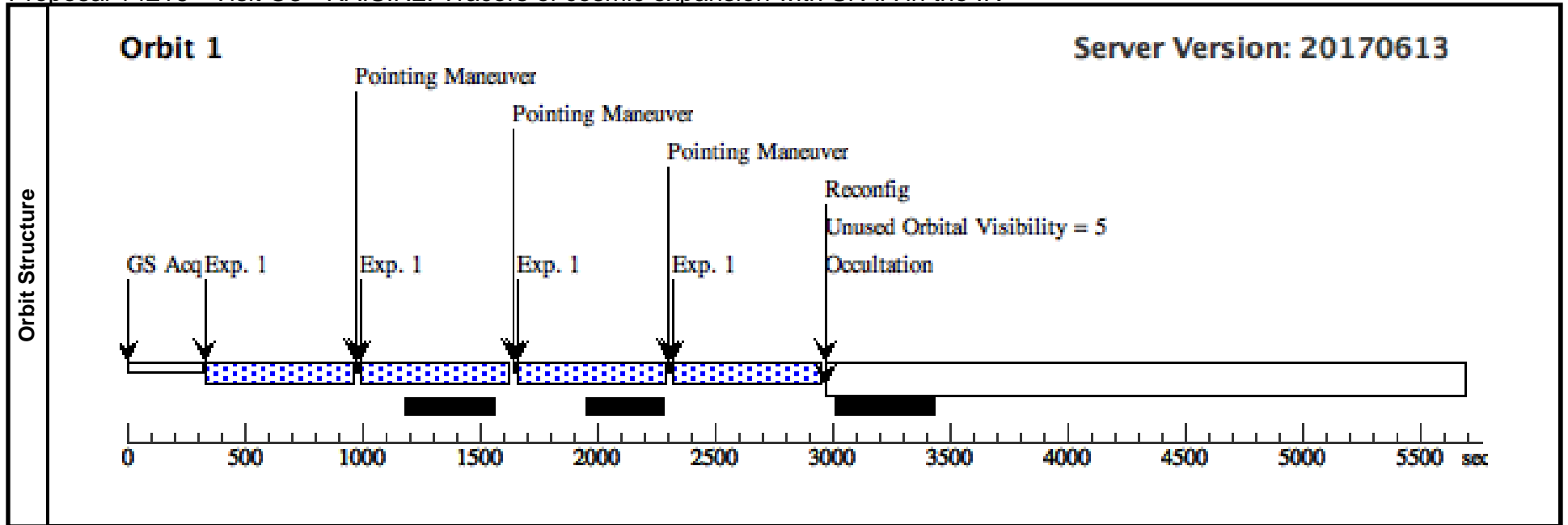
Visit	<p>Proposal 14216, Visit O2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS O1; AFTER O1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(39)	DES16S1BNO	RA: 02 50 3.7800 (42.5157500d) Dec: -00 01 17.40 (-.02150d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(39) DES16S1BNO	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit O2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit O3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

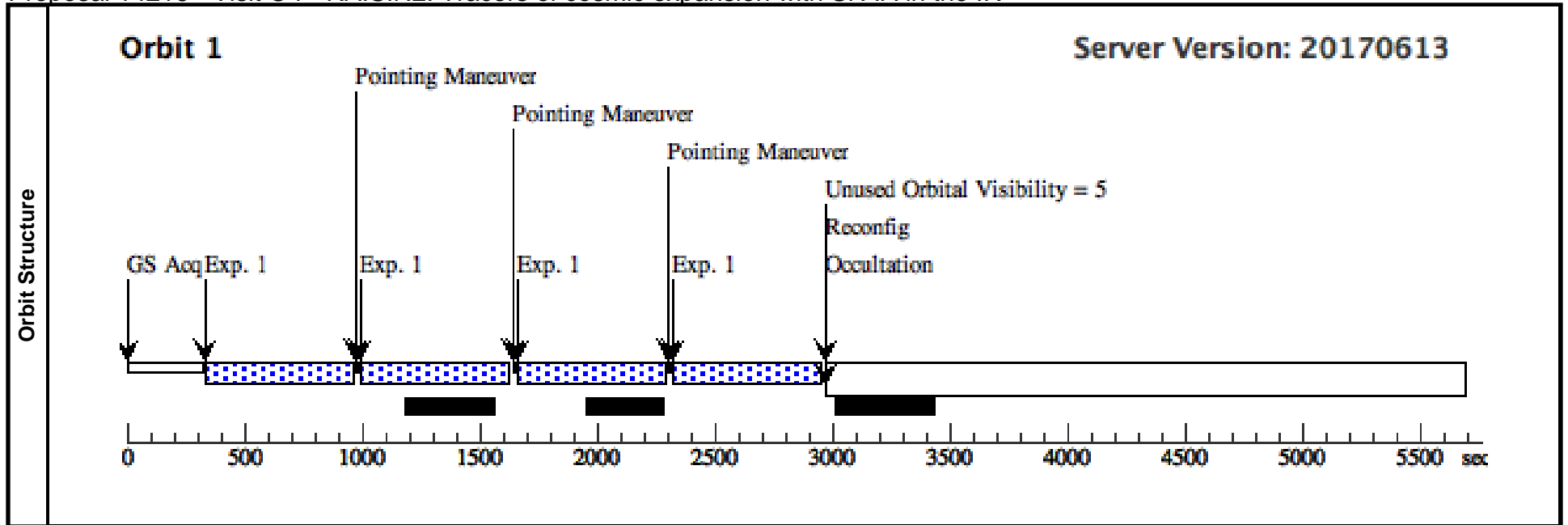
Visit	<p>Proposal 14216, Visit O3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS O1; AFTER O1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(39)	DES16S1BNO	RA: 02 50 3.7800 (42.5157500d) Dec: -00 01 17.40 (-.02150d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(39) DES16S1BNO	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit O3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit O4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

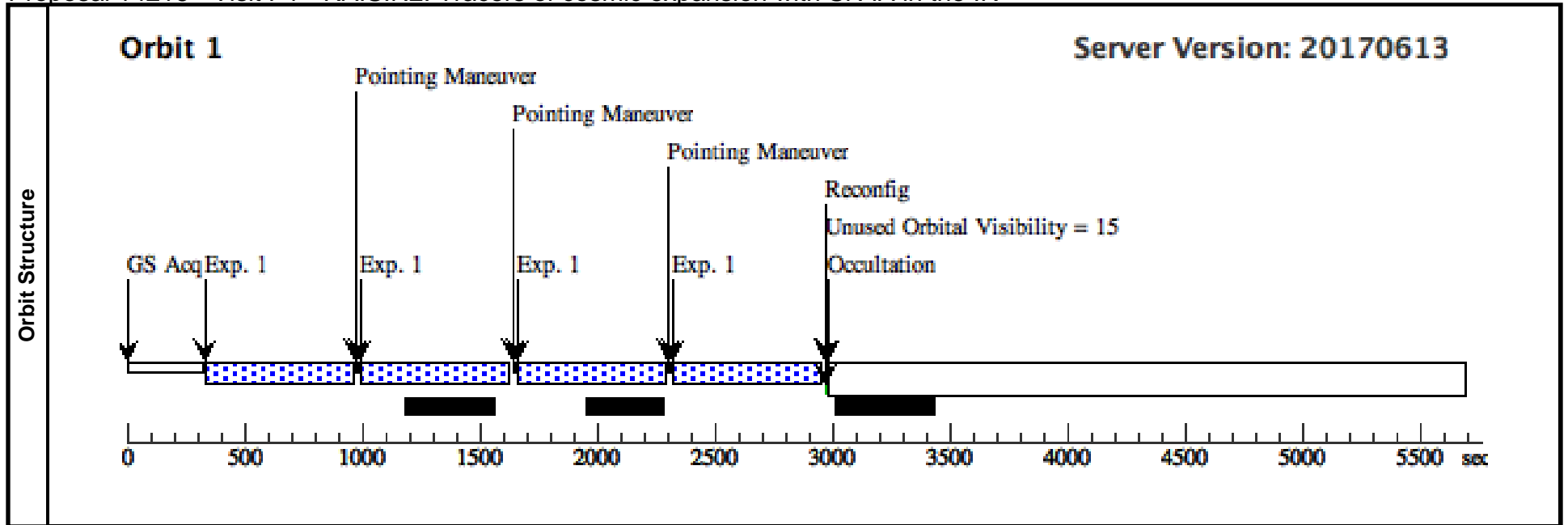
Visit	Proposal 14216, Visit O4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 10-SEP-2017:00:00:00 AND 08-OCT-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(39)	DES16S1BNO	RA: 02 50 3.7800 (42.5157500d) Dec: -00 01 17.40 (-.02150d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(39) DES16S1BNO	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit O4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit P1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

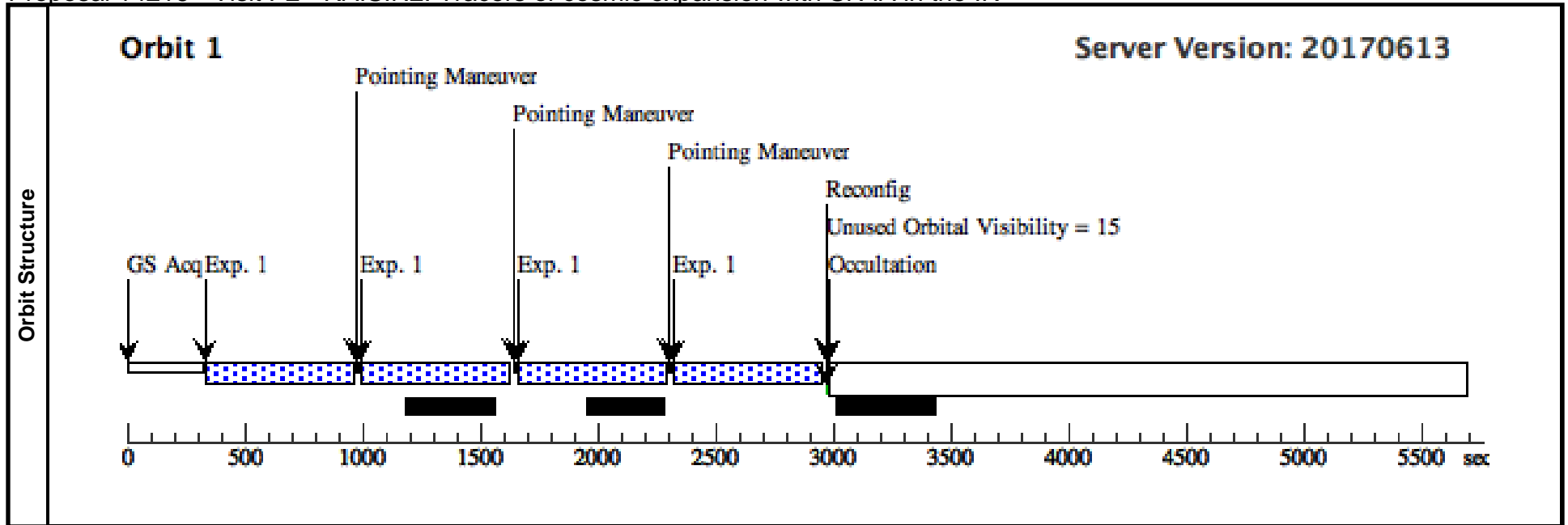
Visit	<p>Proposal 14216, Visit P1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 13-NOV-2016:00:00:00 AND 23-NOV-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(40)	DES16C3CMY	RA: 03 27 13.4000 (51.8058333d) Dec: -27 29 20.40 (-27.48900d) Equinox: J2000				V=23	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(40) DES16C3CMY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit P1 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit P2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

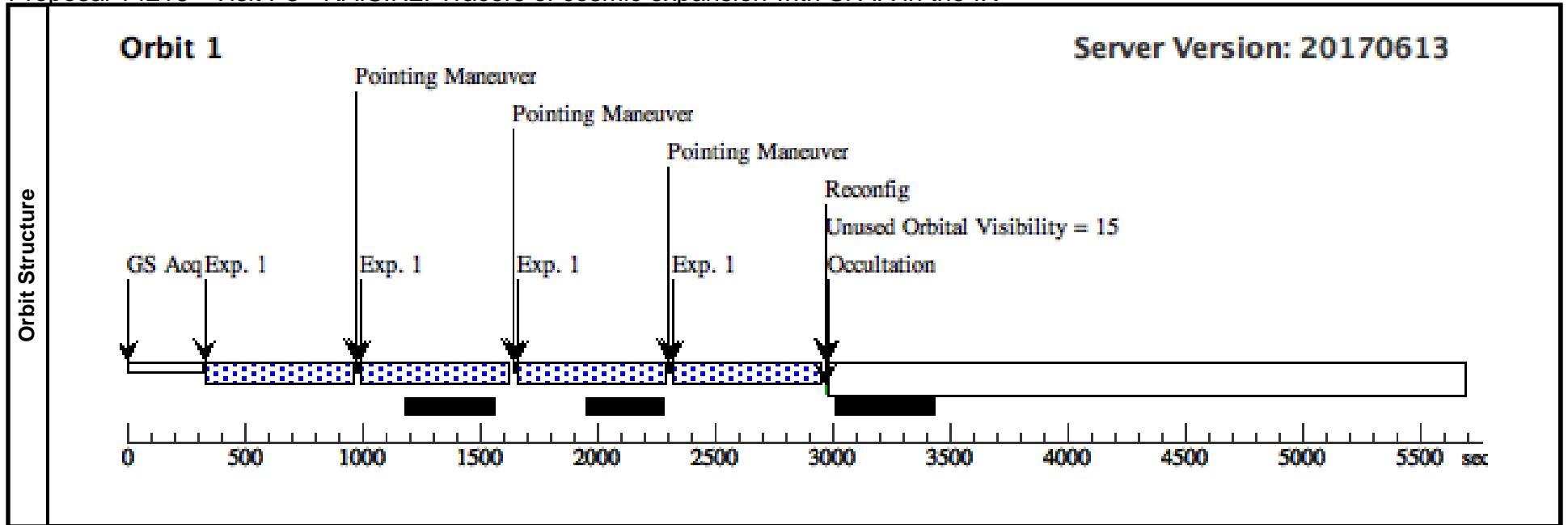
Visit	<p>Proposal 14216, Visit P2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS P1; AFTER P1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(40)	DES16C3CMY	RA: 03 27 13.4000 (51.8058333d) Dec: -27 29 20.40 (-27.48900d) Equinox: J2000		V=23	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(40) DES16C3CMY	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit P2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit P3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

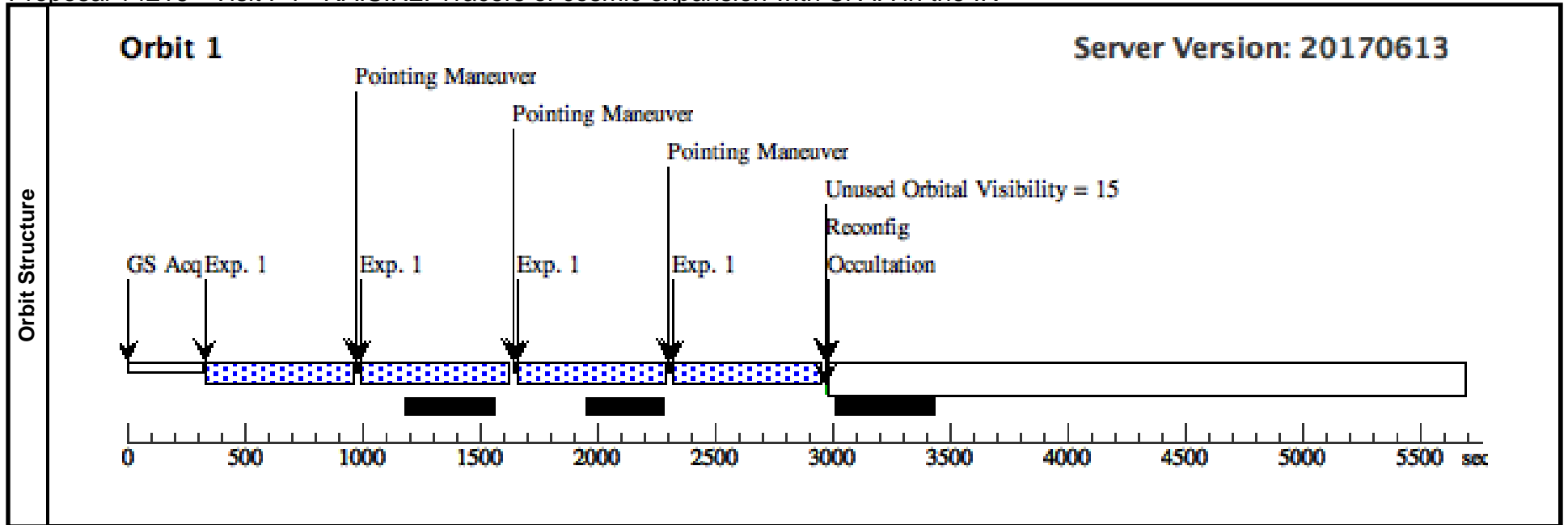
Visit	<p>Proposal 14216, Visit P3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS P1; AFTER P1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the third of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended plus or minus 2 days.</i> <i>optimum scheduling for this visit is 15 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(40)	DES16C3CMY	RA: 03 27 13.4000 (51.8058333d) Dec: -27 29 20.40 (-27.48900d) Equinox: J2000		V=23	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(40) DES16C3CMY	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit P3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit P4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

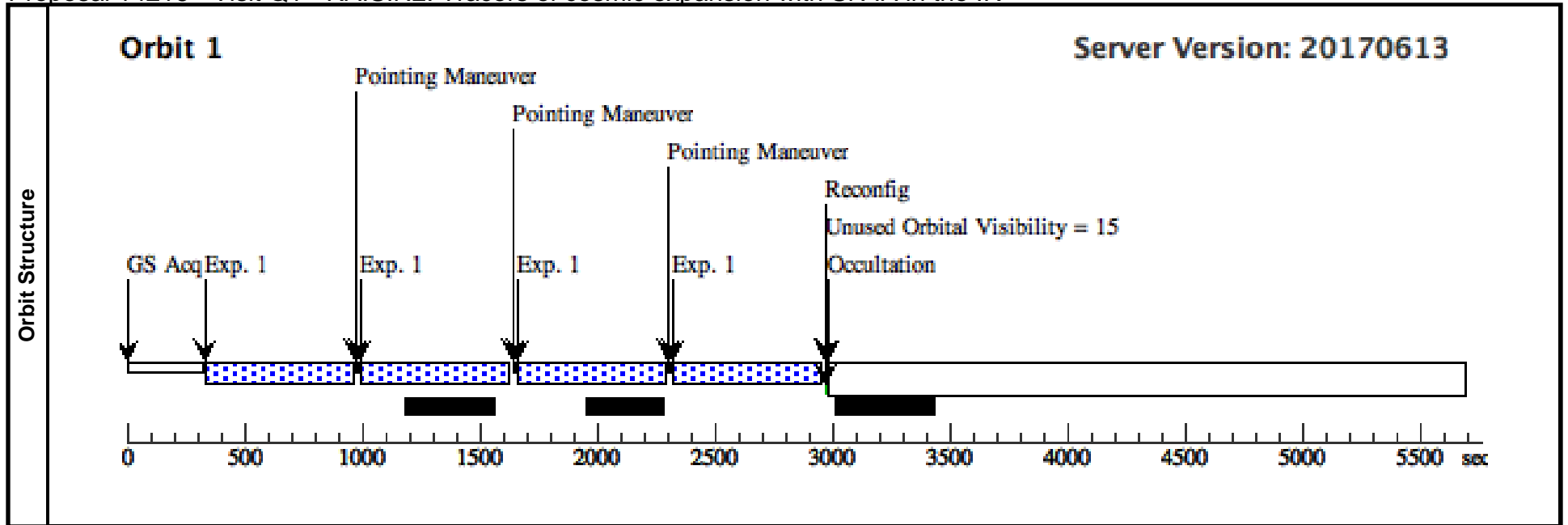
Visit	Proposal 14216, Visit P4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 22-OCT-2017:00:00:00 AND 19-NOV-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(40)	DES16C3CMY	RA: 03 27 13.4000 (51.8058333d) Dec: -27 29 20.40 (-27.48900d) Equinox: J2000		V=23	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(40) DES16C3CMY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit P4 (1)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 14216 - Visit Q1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

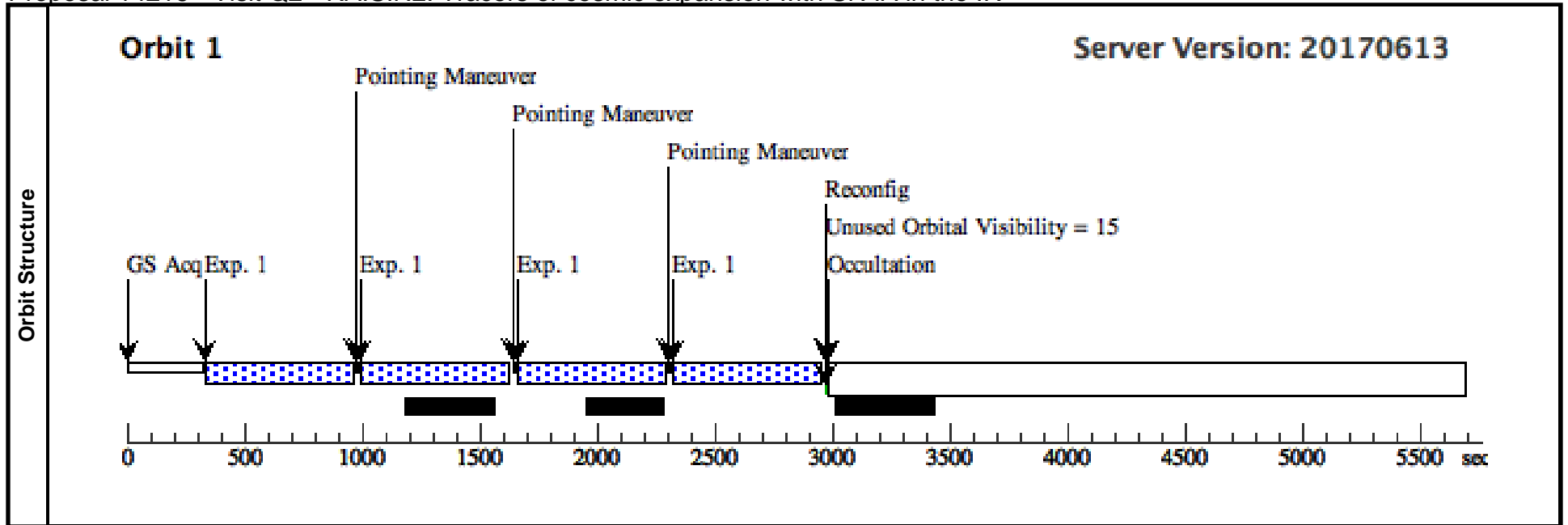
Visit	Proposal 14216, Visit Q1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 13-NOV-2016:00:00:00 AND 23-NOV-2016:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(41)	DES16C1CIM	RA: 03 39 30.3700 (54.8765417d) Dec: -26 38 56.70 (-26.64908d) Equinox: J2000				V=22.5		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(41) DES16C1CIM	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit Q1 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit Q2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

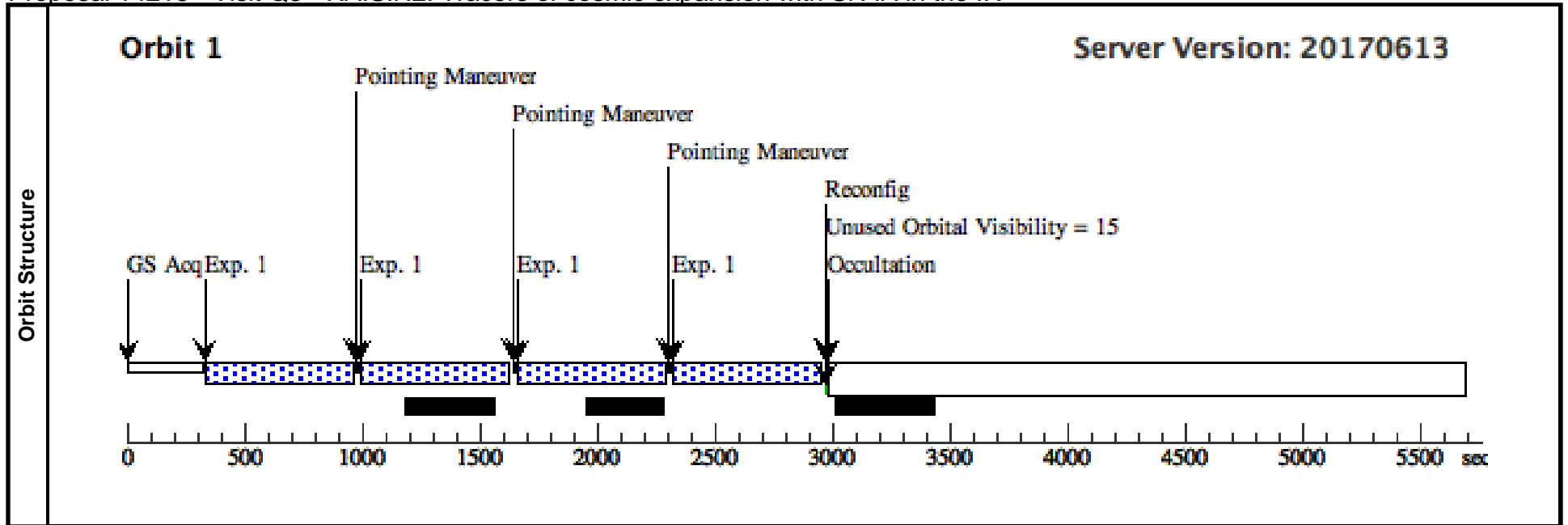
Visit	<p>Proposal 14216, Visit Q2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS Q1; AFTER Q1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(41)	DES16C1CIM	RA: 03 39 30.3700 (54.8765417d) Dec: -26 38 56.70 (-26.64908d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(41) DES16C1CIM	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit Q2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit Q3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

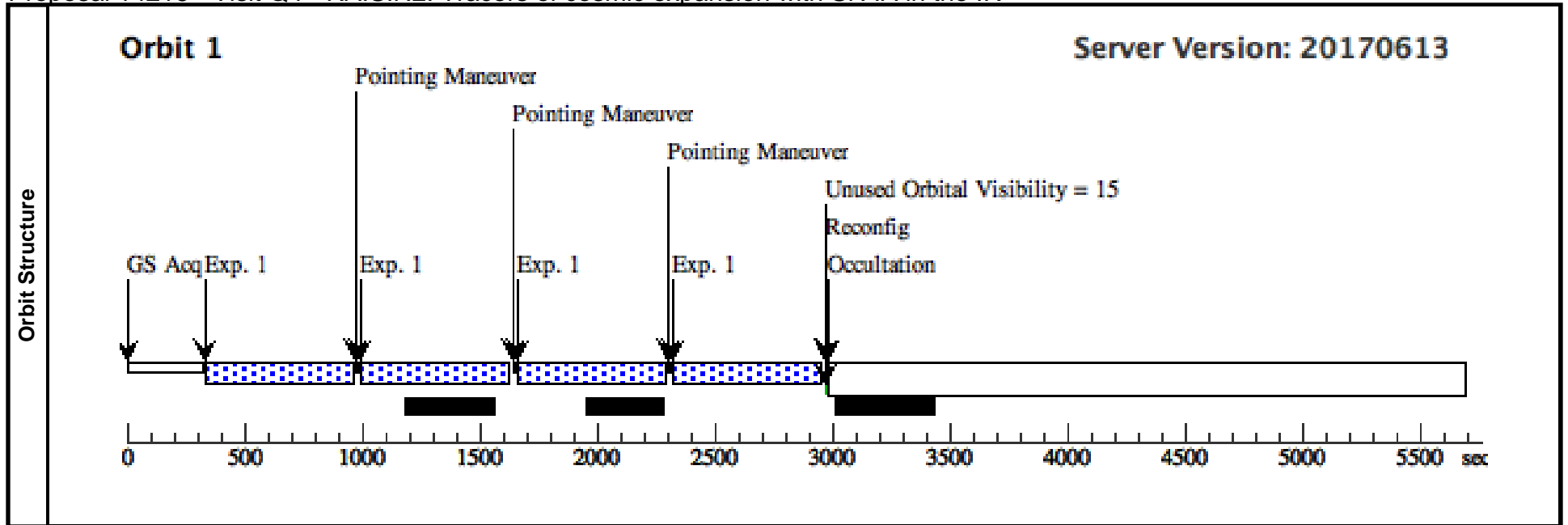
Visit	<p>Proposal 14216, Visit Q3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS Q1; AFTER Q1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(41)	DES16C1CIM	RA: 03 39 30.3700 (54.8765417d) Dec: -26 38 56.70 (-26.64908d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(41) DES16C1CIM	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit Q3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit Q4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

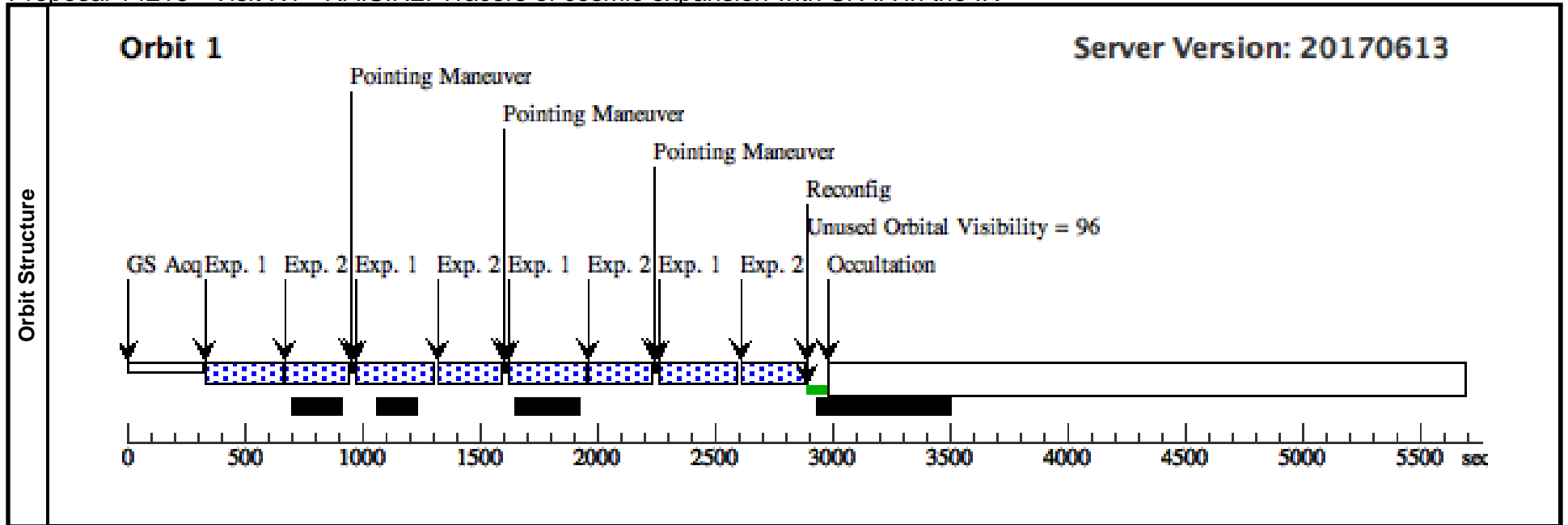
Visit	Proposal 14216, Visit Q4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 08-OCT-2017:00:00:00 AND 05-NOV-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(41)	DES16C1CIM	RA: 03 39 30.3700 (54.8765417d) Dec: -26 38 56.70 (-26.64908d) Equinox: J2000					V=22.5		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(41) DES16C1CIM	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit Q4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit R1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

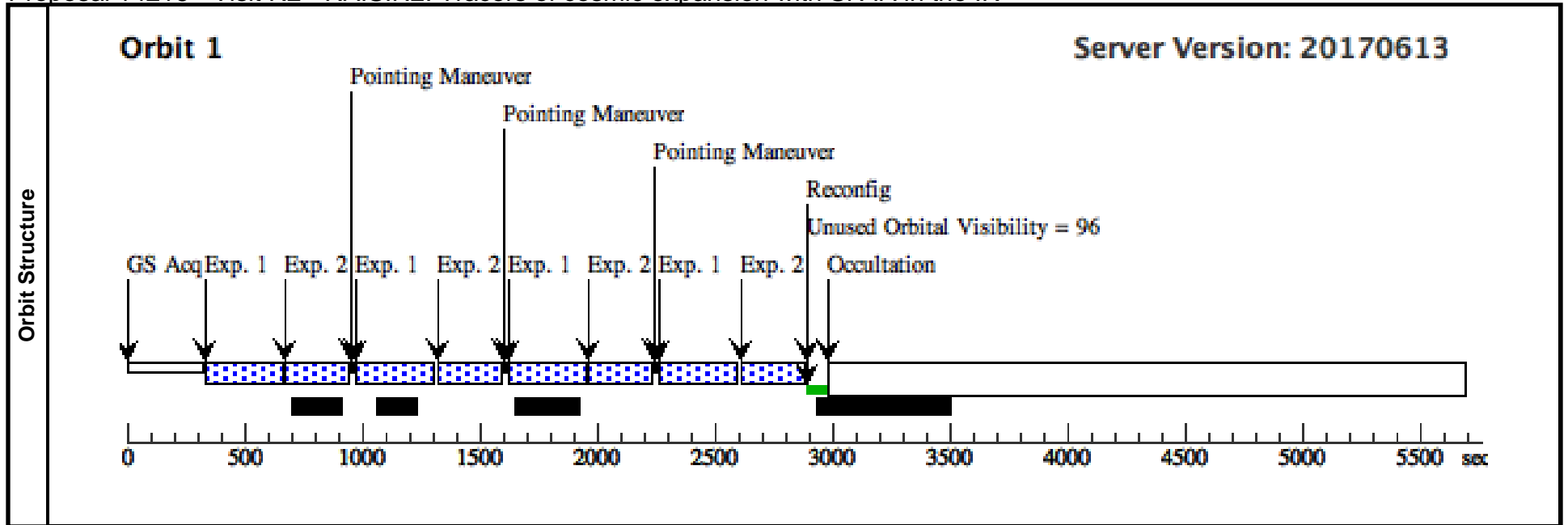
Visit	<p>Proposal 14216, Visit R1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 13-NOV-2016:00:00:00 AND 23-NOV-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(42)	DES16E2CLK	RA: 00 36 48.8500 (9.2035417d) Dec: -44 08 23.10 (-44.13975d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(42) DES16E2CLK	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit R1 (1)	302.934997 Secs (1211.74 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]
2	(42) DES16E2CLK	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50				Pattern 1, Exps 1-2 in Visit R1 (1)	252.934546 Secs (1011.738 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit R2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:43 GMT 2017

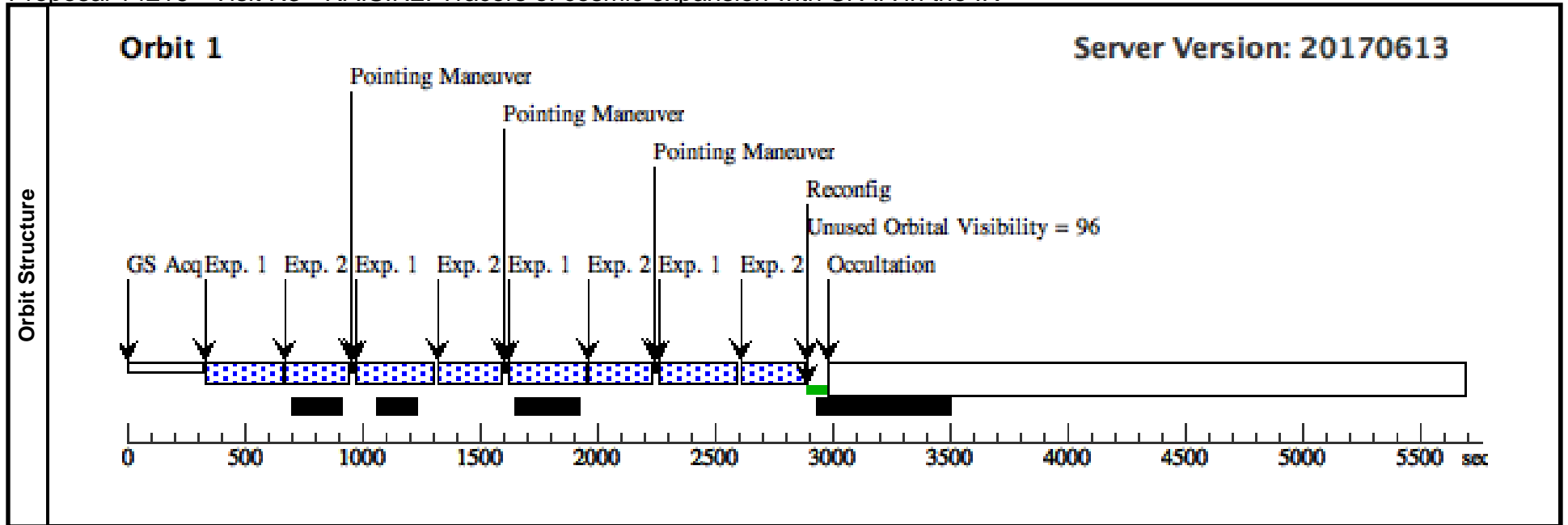
Visit	<p>Proposal 14216, Visit R2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS R1; AFTER R1 BY 5 D TO 8 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(42)	DES16E2CLK	RA: 00 36 48.8500 (9.2035417d) Dec: -44 08 23.10 (-44.13975d) Equinox: J2000					V=22.5	Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(42) DES16E2CLK	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit R2 (1)	302.934997 Secs (1211.74 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	
2	(42) DES16E2CLK	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit R2 (1)	252.934546 Secs (1011.738 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]		



Proposal 14216 - Visit R3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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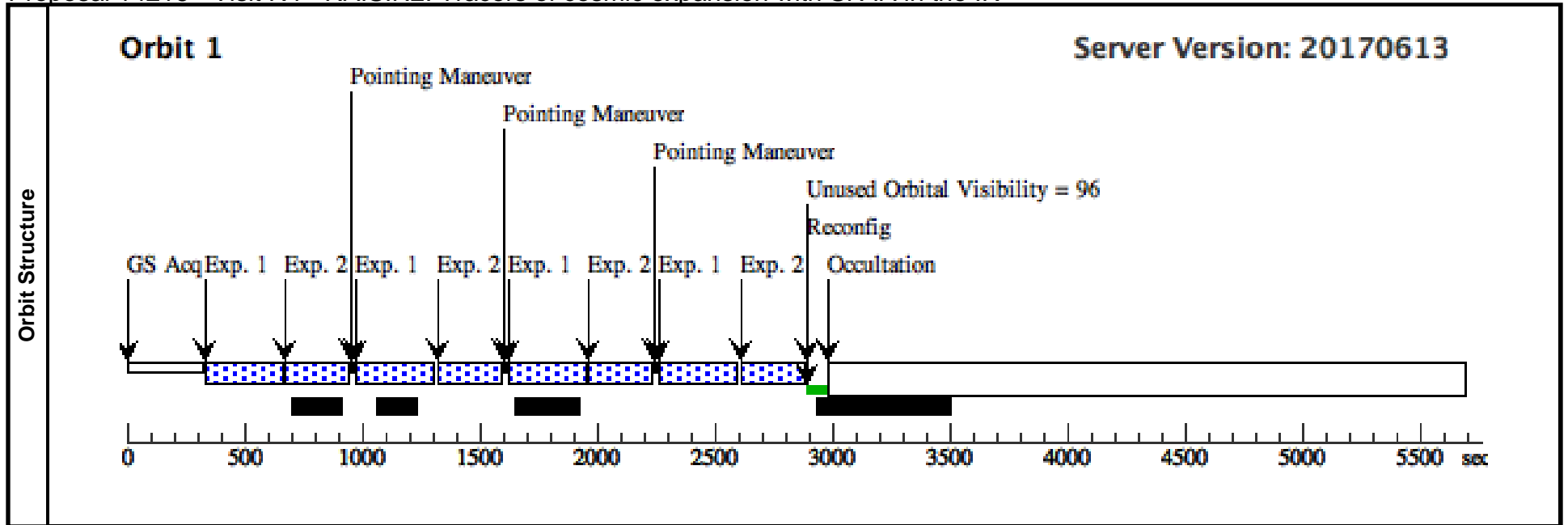
Visit	<p>Proposal 14216, Visit R3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS R1; AFTER R1 BY 12 D TO 15 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the third of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended plus or minus 2 days.</i> <i>optimum scheduling for this visit is 15 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(42)	DES16E2CLK	RA: 00 36 48.8500 (9.2035417d) Dec: -44 08 23.10 (-44.13975d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(42) DES16E2CLK	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit R3 (1)	302.934997 Secs (1211.74 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
2	(42) DES16E2CLK	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit R3 (1)	252.934546 Secs (1011.738 Secs)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	



Proposal 14216 - Visit R4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

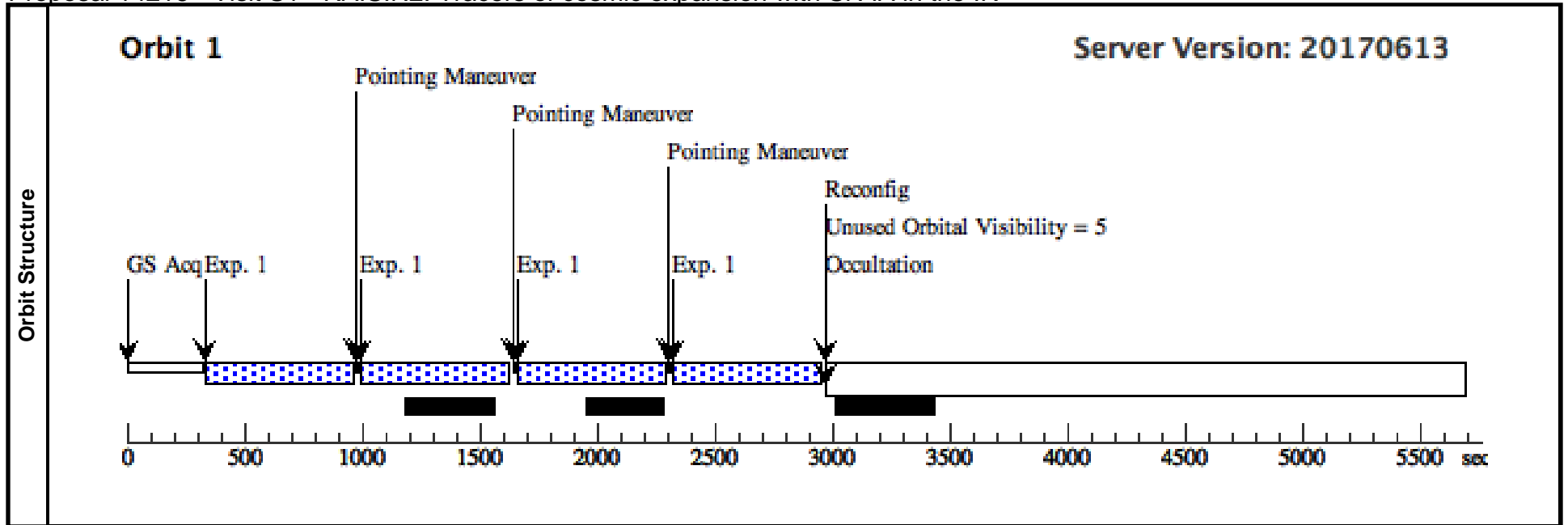
Visit	Proposal 14216, Visit R4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 03-SEP-2017:00:00:00 AND 08-OCT-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(42)	DES16E2CLK	RA: 00 36 48.8500 (9.2035417d) Dec: -44 08 23.10 (-44.13975d) Equinox: J2000					V=22.5	Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(42) DES16E2CLK	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit R4 (1)	302.934997 Secs (1211.74 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2	(42) DES16E2CLK	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit R4 (1)	252.934546 Secs (1011.738 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit S1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

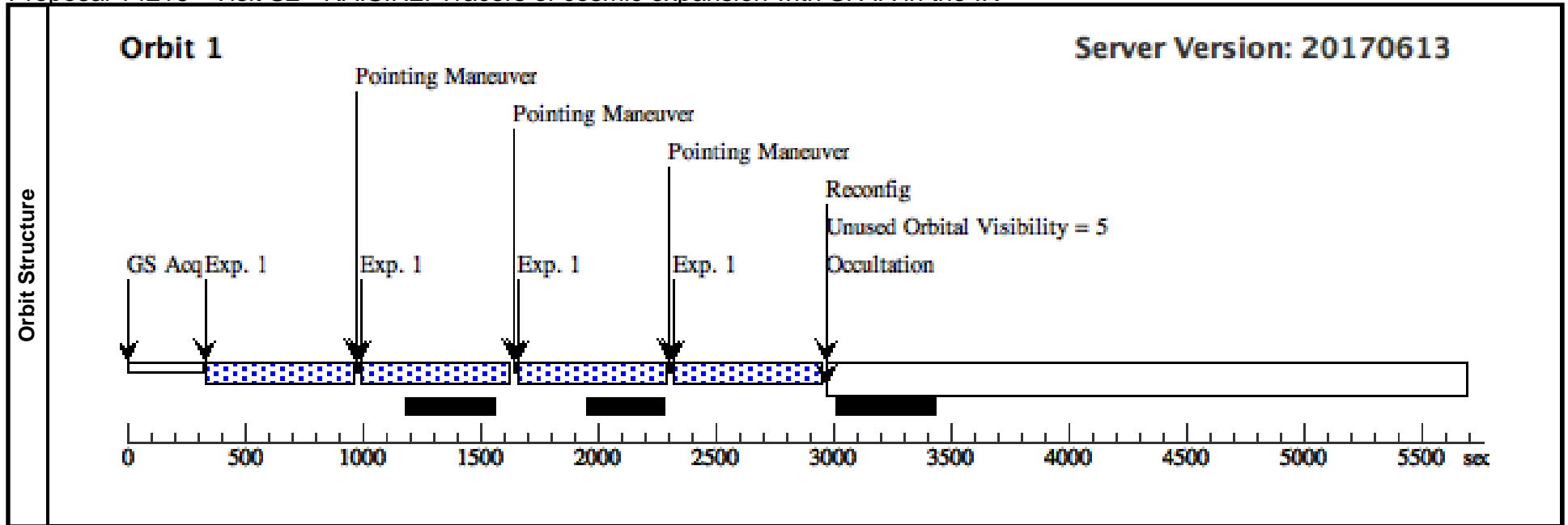
Visit	<p>Proposal 14216, Visit S1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 13-NOV-2016:00:00:00 AND 23-NOV-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(43)	DES16X1CPF	RA: 02 16 49.4700 (34.2061250d) Dec: -04 13 5.90 (-4.21831d) Equinox: J2000					V=22.5	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(43) DES16X1CPF	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit S1 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit S2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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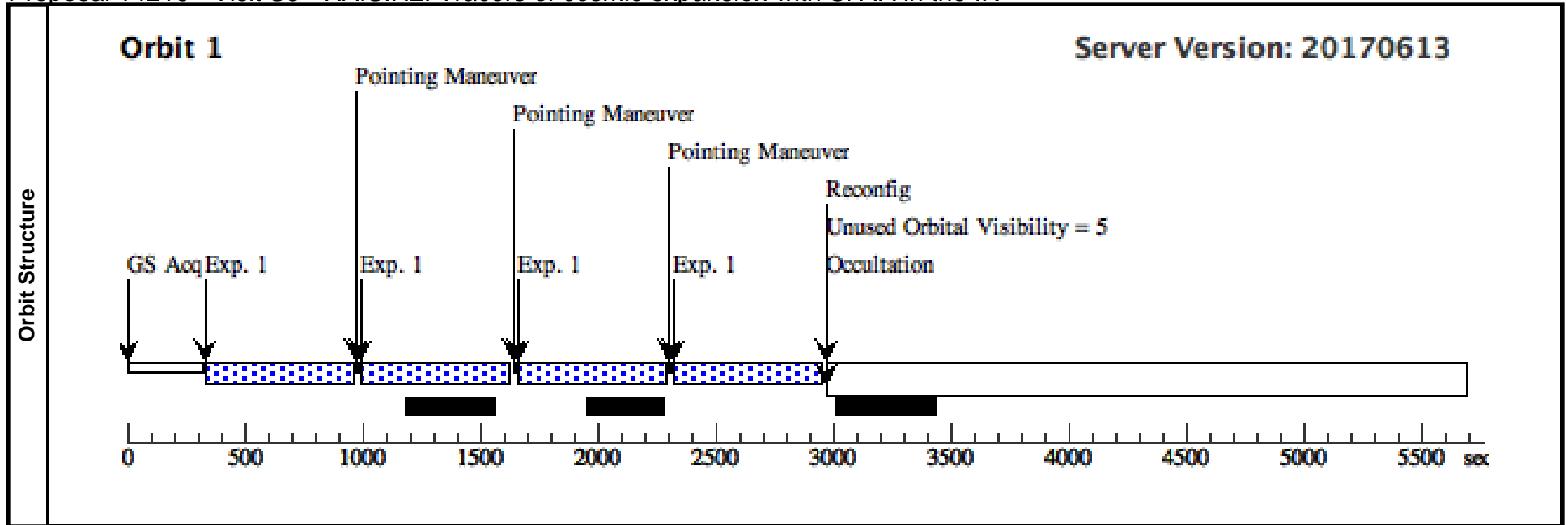
Visit	<p>Proposal 14216, Visit S2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS S1; AFTER S1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(43)	DES16X1CPF	RA: 02 16 49.4700 (34.2061250d) Dec: -04 13 5.90 (-4.21831d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(43) DES16X1CPF	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit S2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit S3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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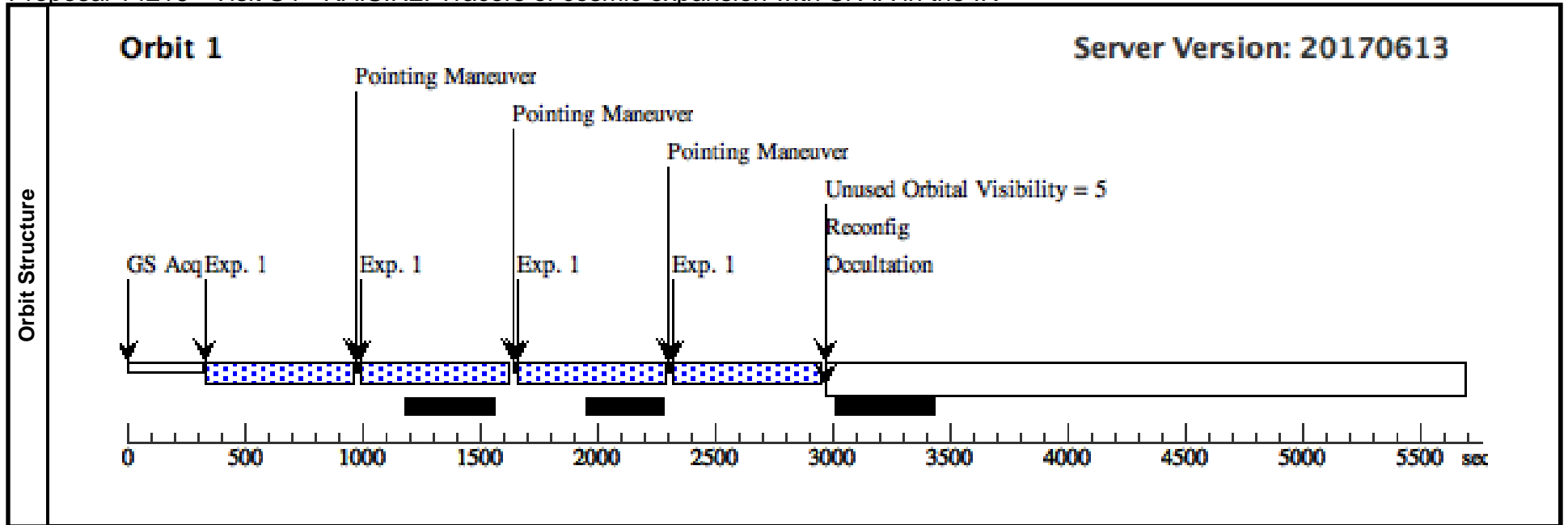
Visit	<p>Proposal 14216, Visit S3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS S1; AFTER S1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the third of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended plus or minus 2 days.</i> <i>optimum scheduling for this visit is 15 days AFTER the first visit in sequence.</i></p> <p><i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(43)	DES16X1CPF	RA: 02 16 49.4700 (34.2061250d) Dec: -04 13 5.90 (-4.21831d) Equinox: J2000		V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(43) DES16X1CPF	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit S3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit S4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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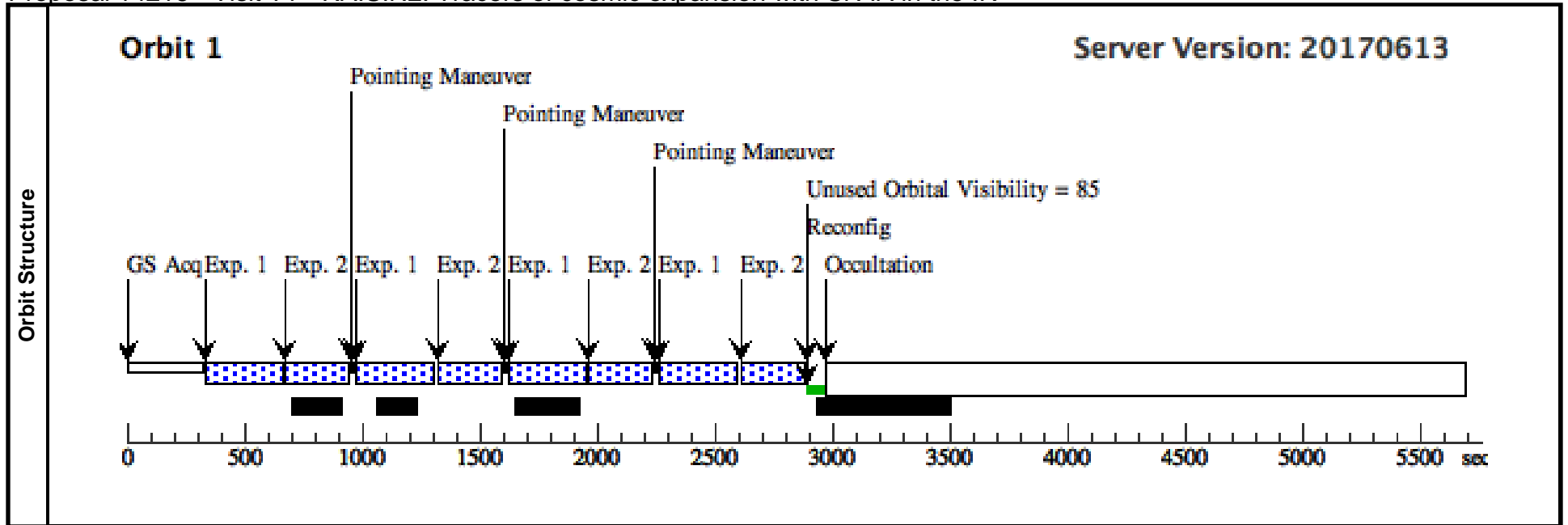
Visit	Proposal 14216, Visit S4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 08-OCT-2017:00:00:00 AND 05-NOV-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(43)	DES16X1CPF	RA: 02 16 49.4700 (34.2061250d) Dec: -04 13 5.90 (-4.21831d) Equinox: J2000					V=22.5	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(43) DES16X1CPF	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit S4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit T1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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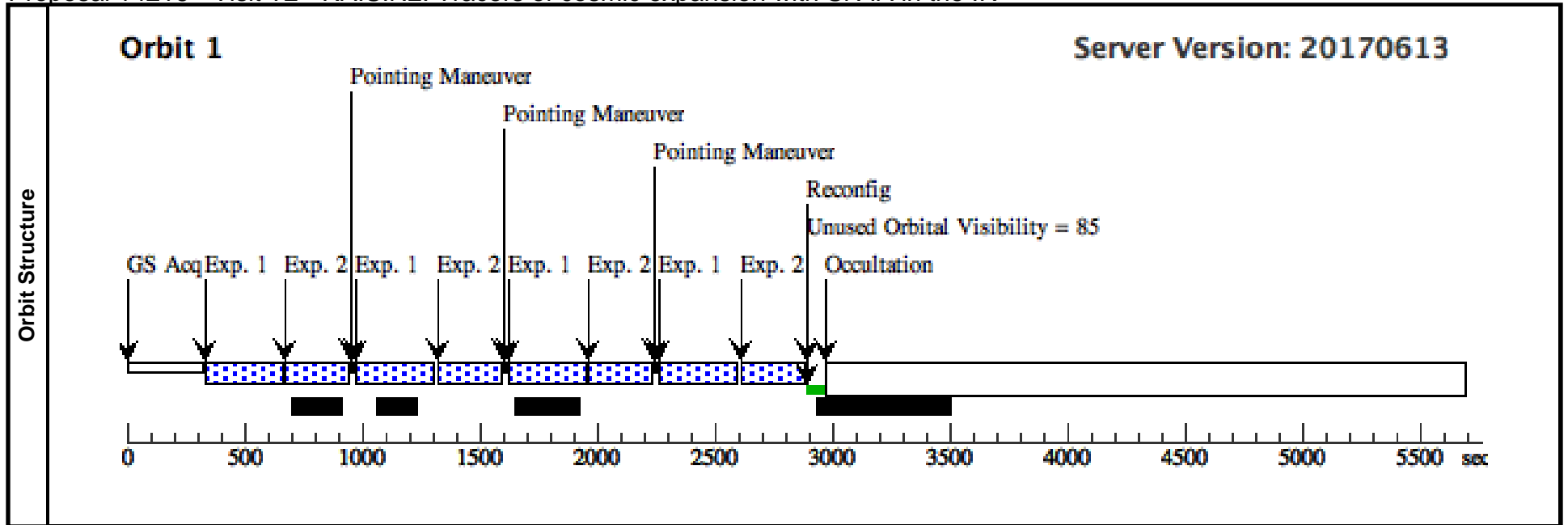
Visit	Proposal 14216, Visit T1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 13-NOV-2016:00:00:00 AND 30-NOV-2016:00:00:00; ON HOLD Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova									
	Patterns	#	Primary Pattern		Secondary Pattern		Exposures			
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false			(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(44)	DES16X2CRR	RA: 02 19 39.0900 (34.9128750d) Dec: +02 19 39.09 (2.32752d) Equinox: J2000		V=22.6	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(44) DES16X2CRR	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit T1 (1)	302.934997 Secs (1211.74 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2	(44) DES16X2CRR	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit T1 (1)	252.934546 Secs (1011.738 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit T2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

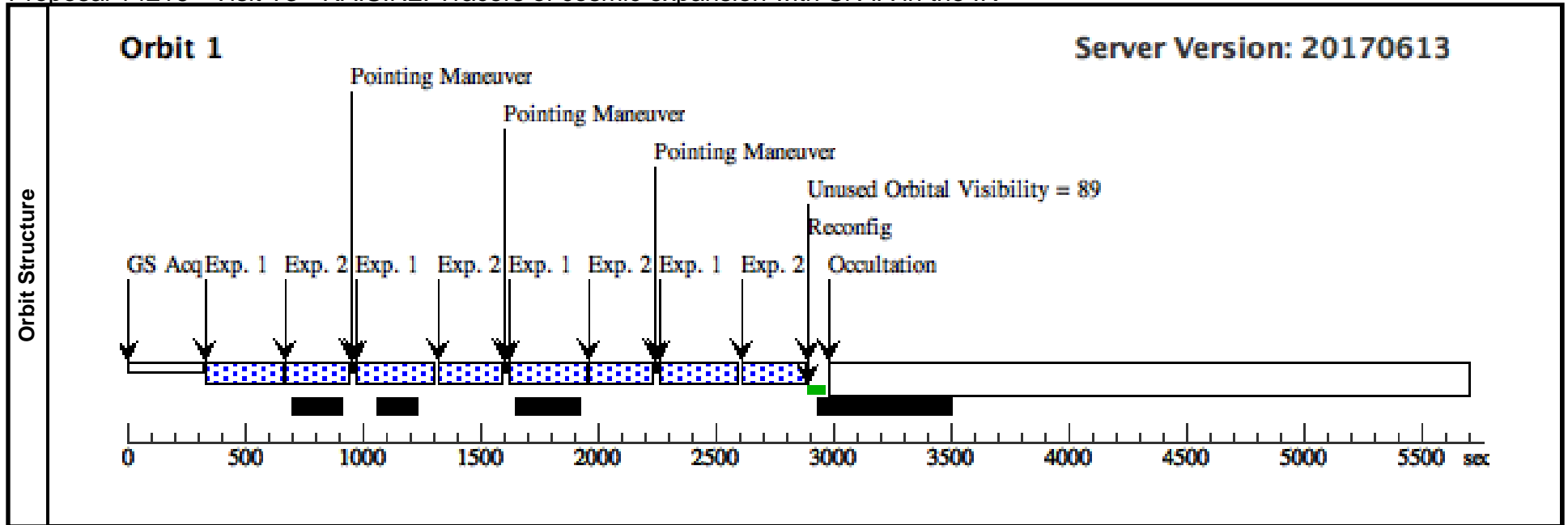
Visit	<p>Proposal 14216, Visit T2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS T1; AFTER T1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the second of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended by plus or minus 1 day.</i> <i>optimum scheduling is 7 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(44)	DES16X2CRR	RA: 02 19 39.0900 (34.9128750d) Dec: +02 19 39.09 (2.32752d) Equinox: J2000			V=22.6	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(44) DES16X2CRR	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit T2 (1)	302.934997 Secs (1211.74 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	
	2	(44) DES16X2CRR	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit T2 (1)	252.934546 Secs (1011.738 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	



Proposal 14216 - Visit T3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

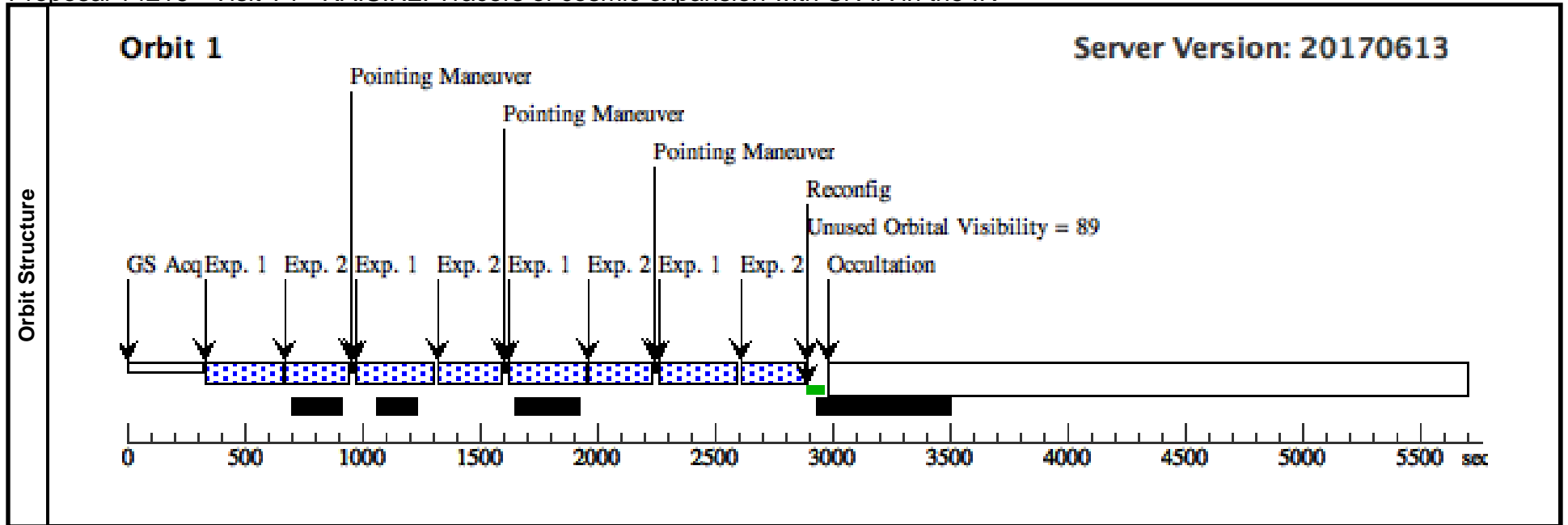
Visit	<p>Proposal 14216, Visit T3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; AFTER T1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(52)	DES16X2CRR-CORRECTED	RA: 02 19 39.0900 (34.9128750d) Dec: -06 03 50.04 (-6.06390d) Equinox: J2000		V=22.6	Reference Frame: ICRS				
<i>Comments: The declination of target DES16X2CRR was incorrect. This target has the correct declination.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(52) DES16X2CRR-CORRECTED	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit T3 (1)	302.934997 Secs (1211.74 Secs)	[1]	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		
2	(52) DES16X2CRR-CORRECTED	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit T3 (1)	252.934546 Secs (1011.738 Secs)	[1]		
							[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]			



Proposal 14216 - Visit T4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

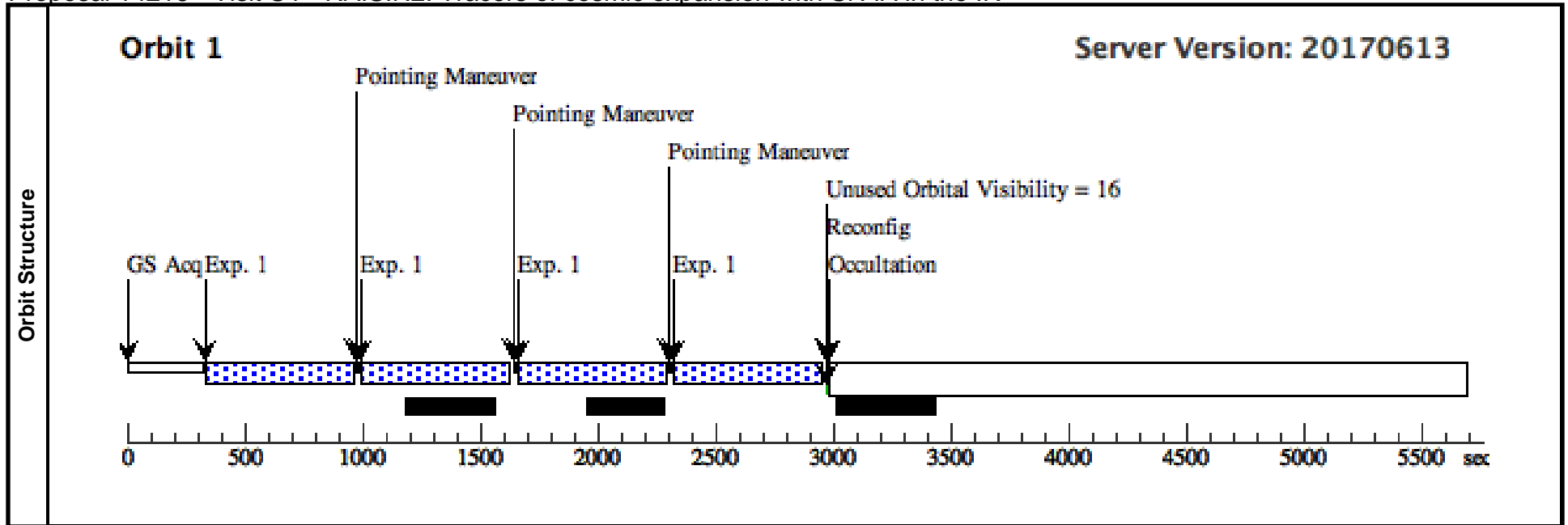
Visit	Proposal 14216, Visit T4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 01-NOV-2017:00:00:00 AND 30-NOV-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1-2)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(52)	DES16X2CRR-CORRECTED	RA: 02 19 39.0900 (34.9128750d) Dec: -06 03 50.04 (-6.06390d) Equinox: J2000			V=22.6	Reference Frame: ICRS			
<i>Comments: The declination of target DES16X2CRR was incorrect. This target has the correct declination.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(52) DES16X2CRR-CORRECTED	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit T4 (1)	302.934997 Secs (1211.74 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(52) DES16X2CRR-CORRECTED	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit T4 (1)	252.934546 Secs (1011.738 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 14216 - Visit U1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

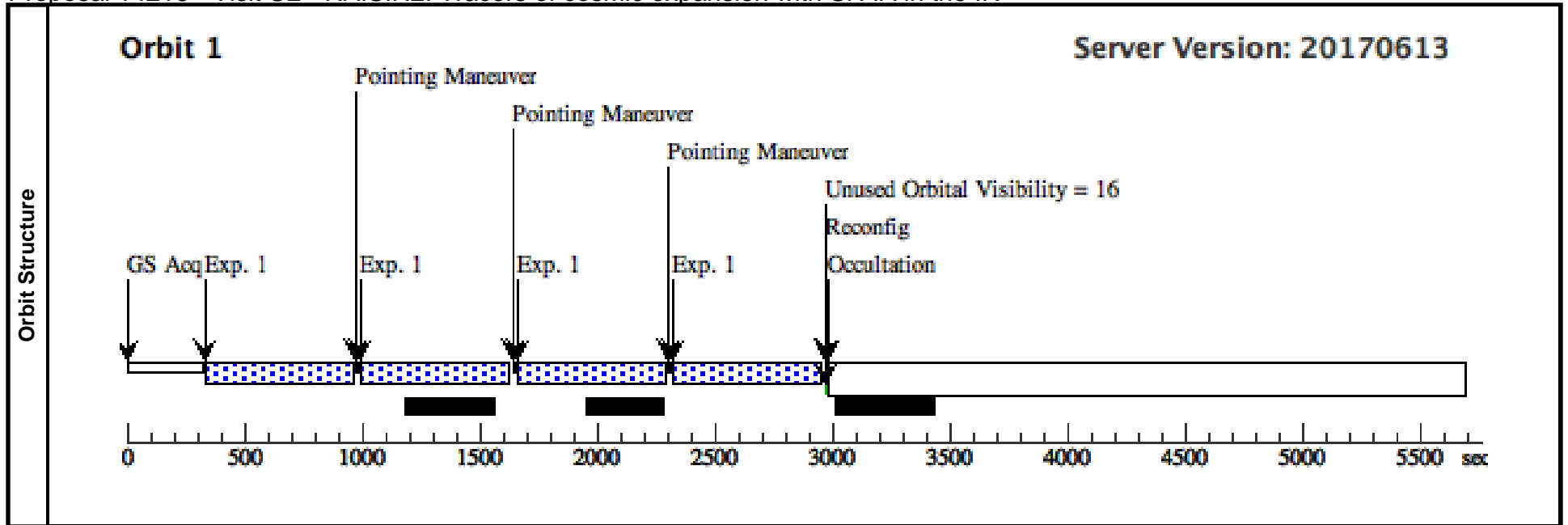
Visit	Proposal 14216, Visit U1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 13-NOV-2016:00:00:00 AND 30-NOV-2016:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(45)	DES16E2CQQ	RA: 00 39 50.0700 (9.9586250d) Dec: -43 33 53.20 (-43.56478d) Equinox: J2000				V=22.6		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(45) DES16E2CQQ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit U1 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit U2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

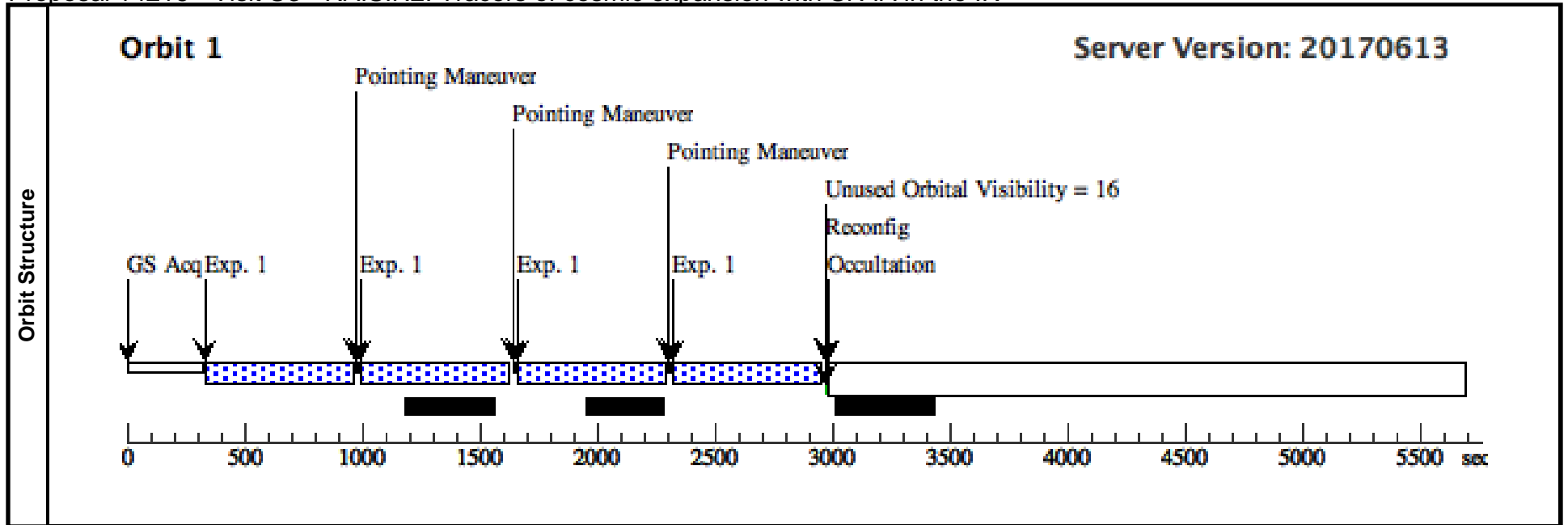
Visit	<p>Proposal 14216, Visit U2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS U1; AFTER U1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(45)	DES16E2CQQ	RA: 00 39 50.0700 (9.9586250d) Dec: -43 33 53.20 (-43.56478d) Equinox: J2000		V=22.6	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(45) DES16E2CQQ	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit U2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit U3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

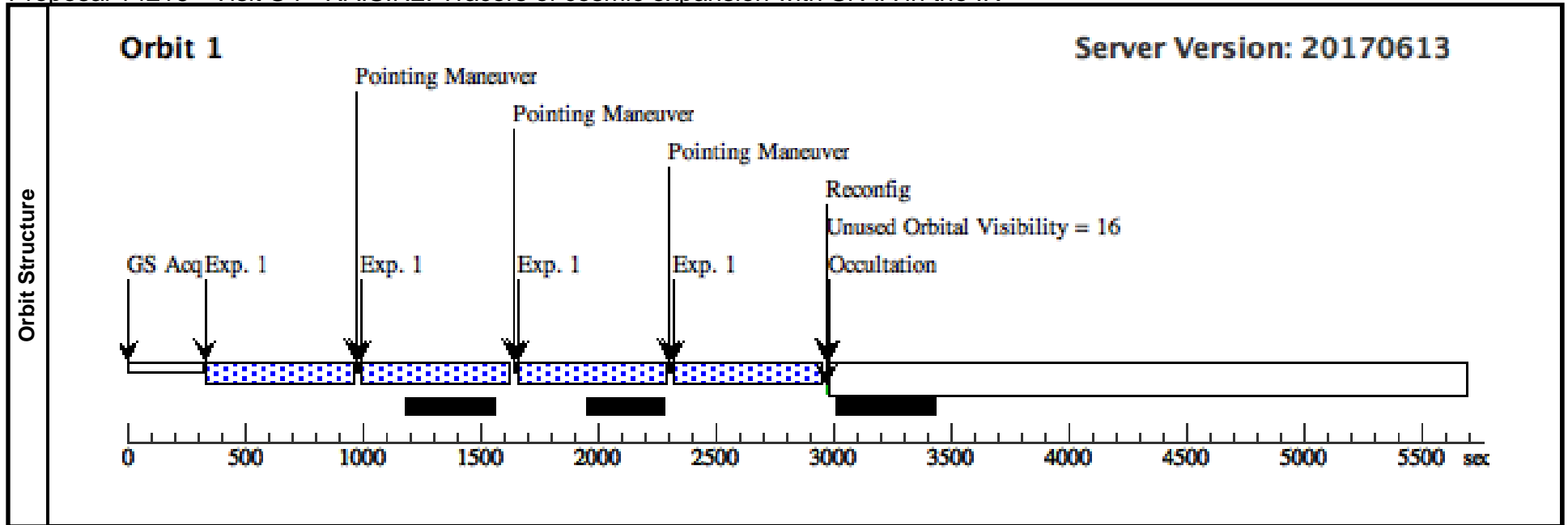
Visit	<p>Proposal 14216, Visit U3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS U1; AFTER U1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(45)	DES16E2CQQ	RA: 00 39 50.0700 (9.9586250d) Dec: -43 33 53.20 (-43.56478d) Equinox: J2000		V=22.6	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(45) DES16E2CQQ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit U3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit U4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

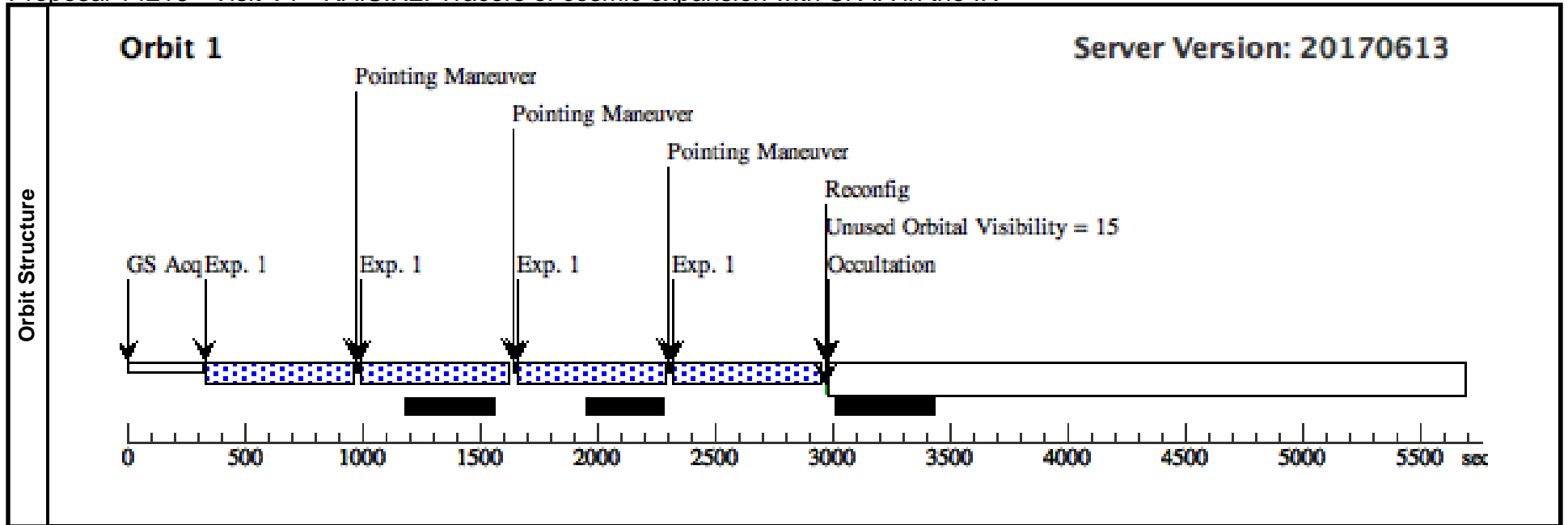
Visit	Proposal 14216, Visit U4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 24-SEP-2017:00:00:00 AND 22-OCT-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(45)	DES16E2CQQ	RA: 00 39 50.0700 (9.9586250d) Dec: -43 33 53.20 (-43.56478d) Equinox: J2000				V=22.6	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(45) DES16E2CQQ	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit U4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	



Proposal 14216 - Visit V1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

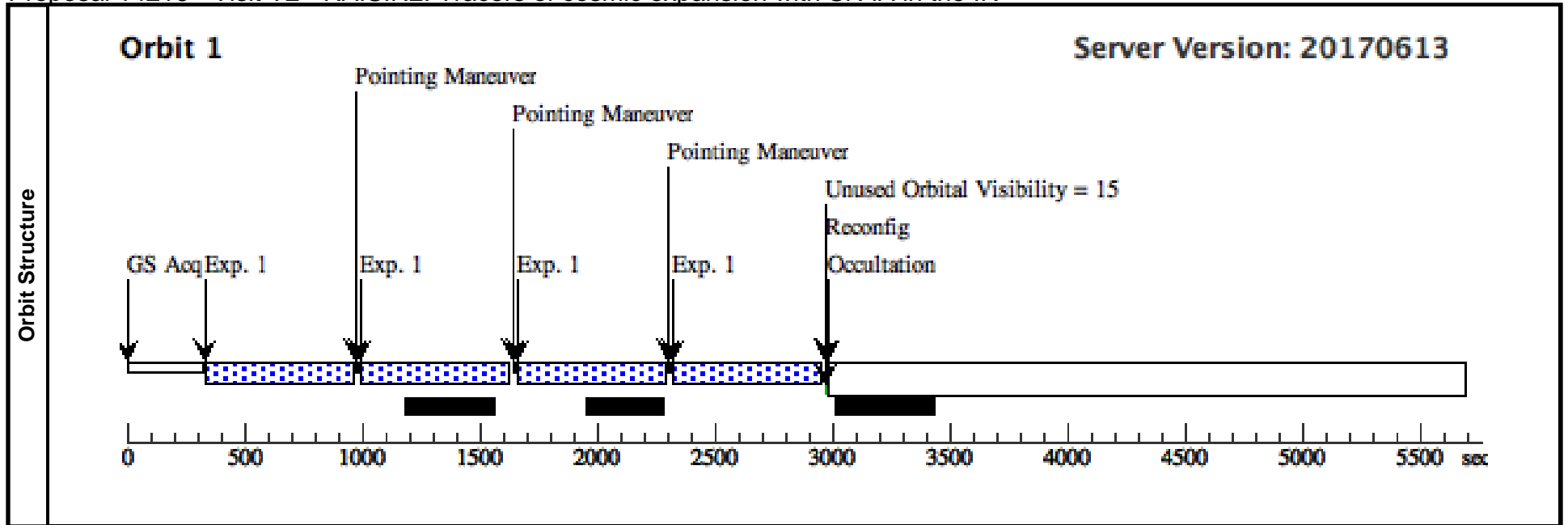
Visit	Proposal 14216, Visit V1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 13-NOV-2016:00:00:00 AND 30-NOV-2016:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(46)	DES16C2CVA	RA: 03 34 44.0300 (53.6834583d) Dec: -29 19 1.70 (-29.31714d) Equinox: J2000					V=22.6		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(46) DES16C2CVA	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit V1 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit V2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

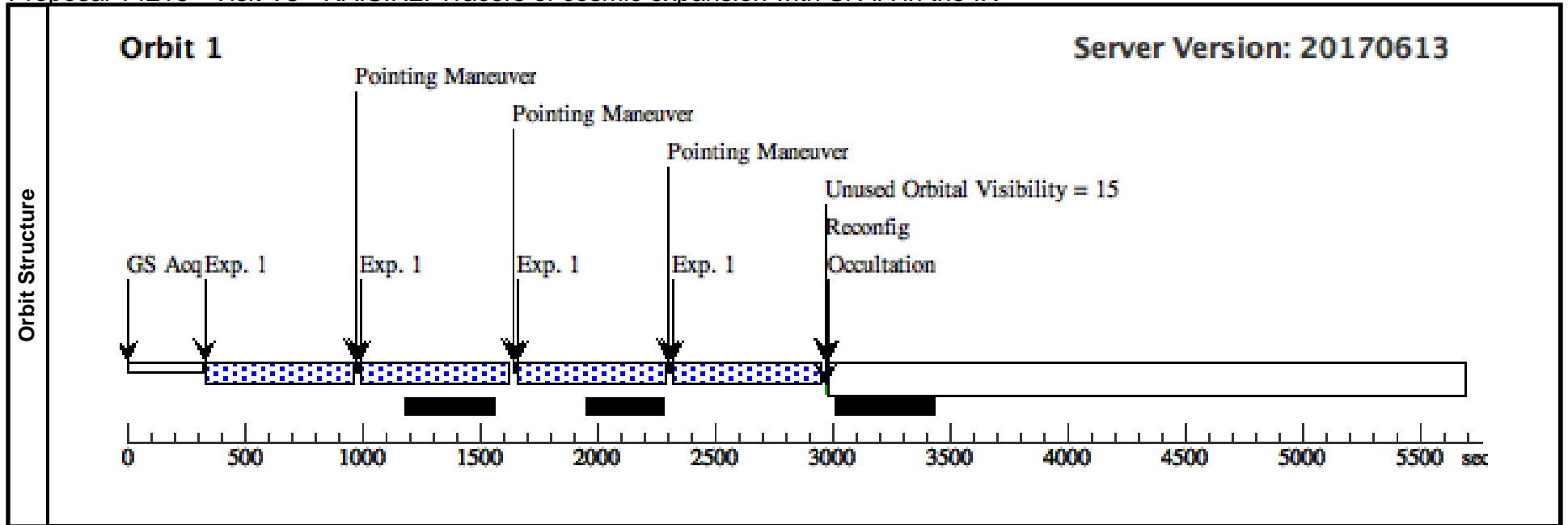
Visit	<p>Proposal 14216, Visit V2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS V1; AFTER V1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(46)	DES16C2CVA	RA: 03 34 44.0300 (53.6834583d) Dec: -29 19 1.70 (-29.31714d) Equinox: J2000		V=22.6	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(46) DES16C2CVA	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit V2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit V3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

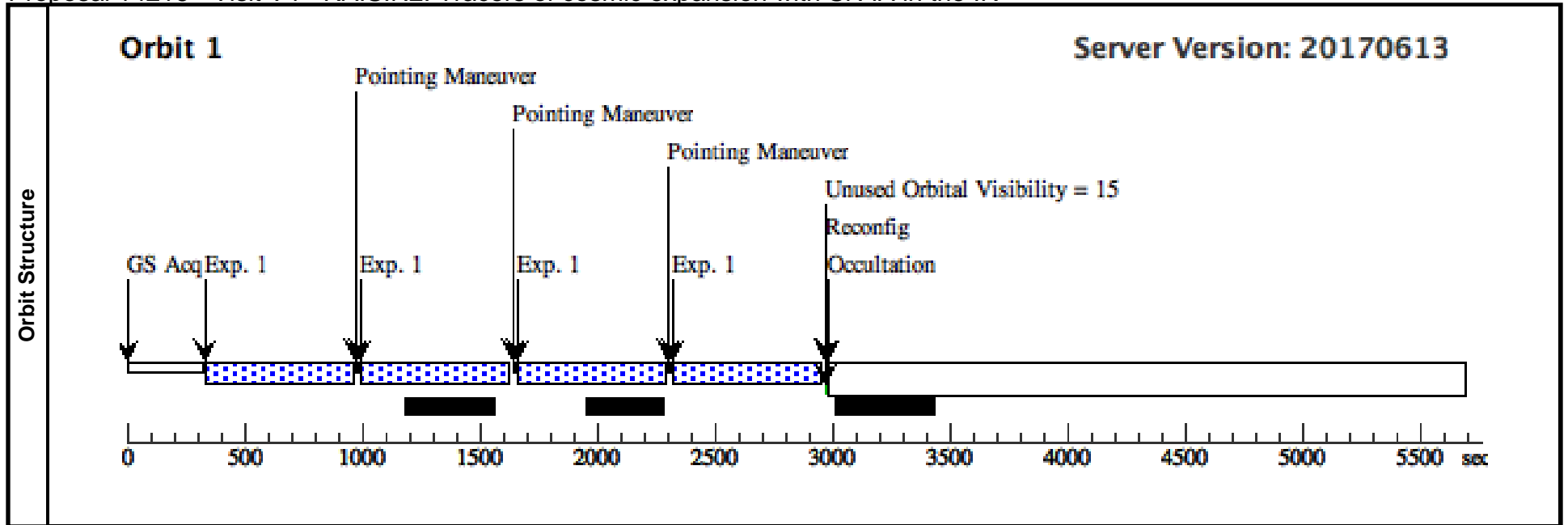
Visit	<p>Proposal 14216, Visit V3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS V1; AFTER V1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(46)	DES16C2CVA	RA: 03 34 44.0300 (53.6834583d) Dec: -29 19 1.70 (-29.31714d) Equinox: J2000		V=22.6	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(46) DES16C2CVA	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit V3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit V4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

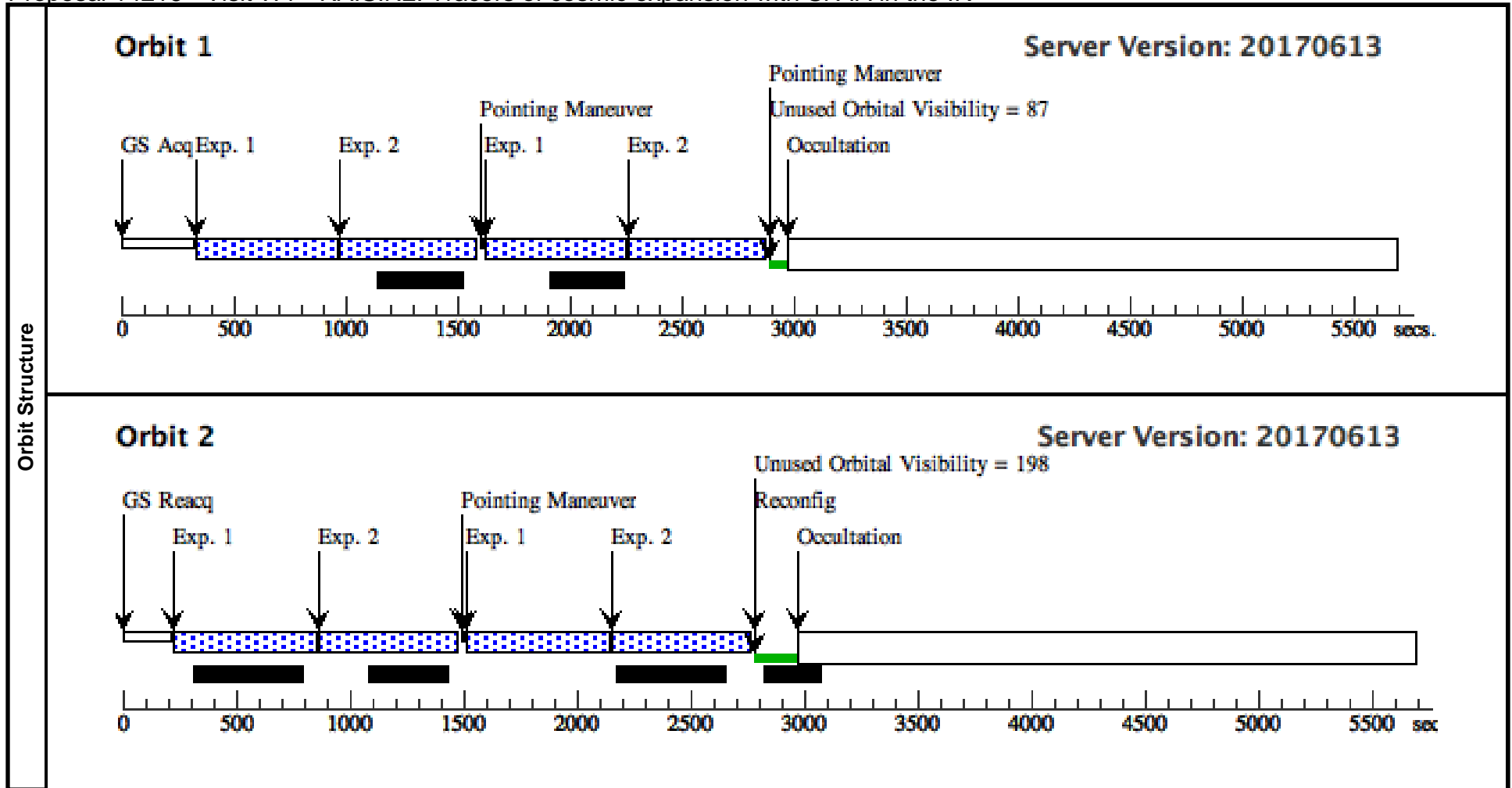
Visit	Proposal 14216, Visit V4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 17-SEP-2017:00:00:00 AND 22-OCT-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(46)	DES16C2CVA	RA: 03 34 44.0300 (53.6834583d) Dec: -29 19 1.70 (-29.31714d) Equinox: J2000			V=22.6		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(46) DES16C2CVA	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit V4 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit W1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

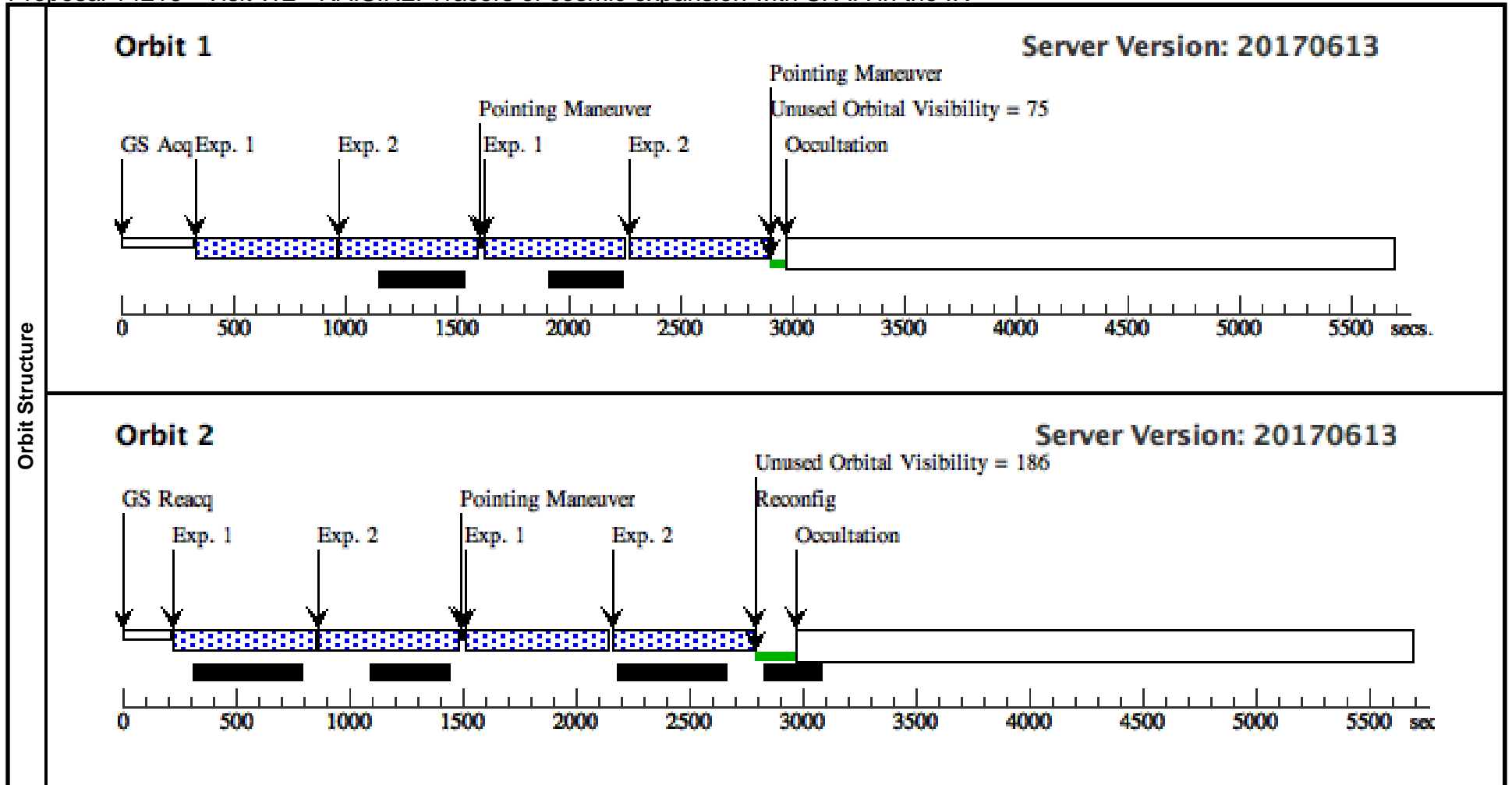
Visit	<p>Proposal 14216, Visit W1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 13-NOV-2016:00:00:00 AND 30-NOV-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(47)	DES16X3CRY	RA: 02 24 10.5400 (36.0439167d) Dec: -03 49 51.90 (-3.83108d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(47) DES16X3CRY	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-2 in Visit W1 (1)	602.937703 Secs (2411.751 Secs)			
									[==>(Pattern 1)]	[1]	
									[==>(Pattern 2)]	[2]	
									[==>(Pattern 3)]		
									[==>(Pattern 4)]		
2	(47) DES16X3CRY	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit W1 (1)	602.937703 Secs (2411.751 Secs)				
								[==>(Pattern 1)]	[1]		
								[==>(Pattern 2)]	[2]		
								[==>(Pattern 3)]			
								[==>(Pattern 4)]			



Proposal 14216 - Visit W2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

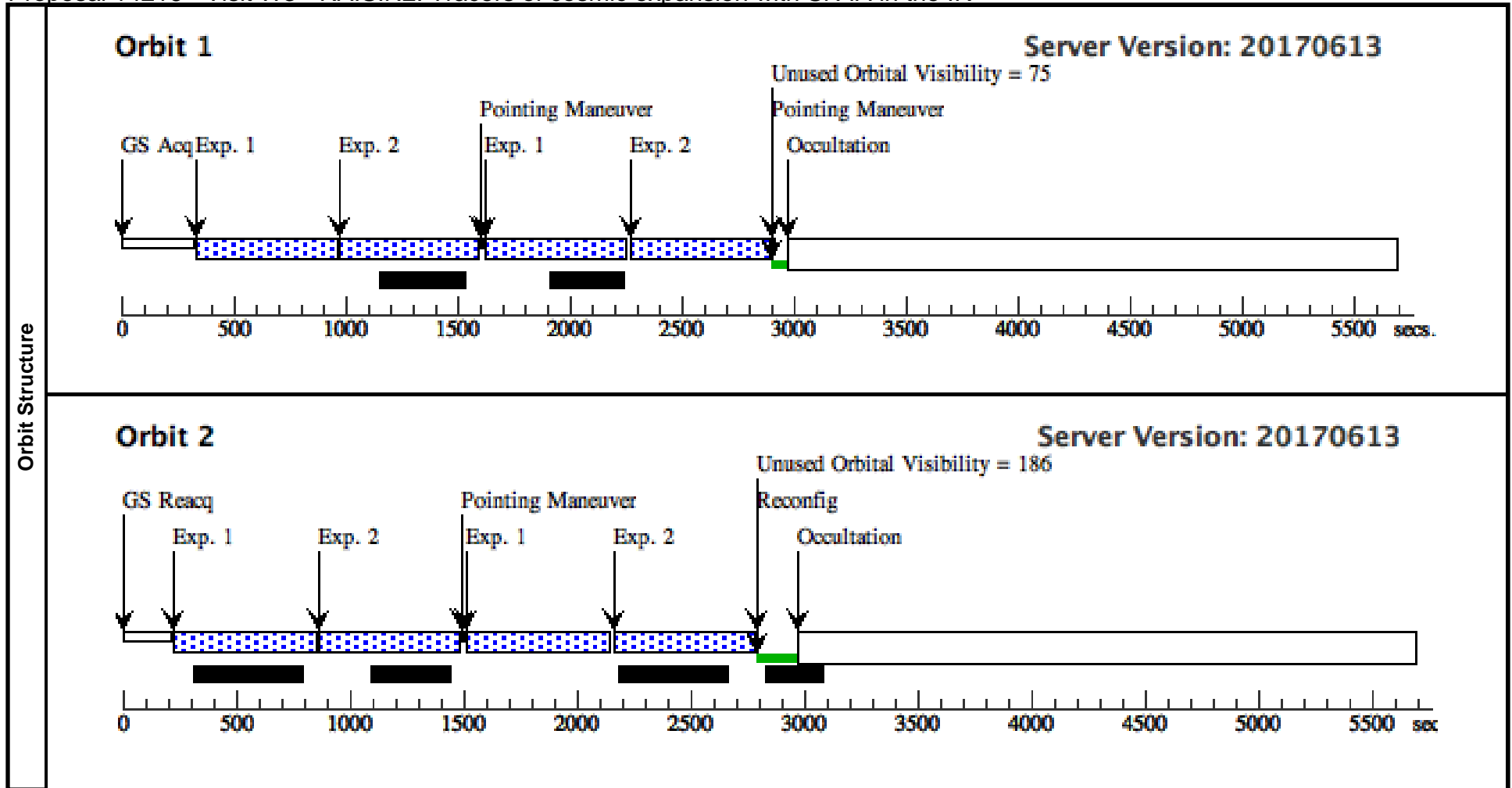
Visit	<p>Proposal 14216, Visit W2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS W1; AFTER W1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the second of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended by plus or minus 1 day.</i> <i>optimum scheduling is 7 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(47)	DES16X3CRY	RA: 02 24 10.5400 (36.0439167d) Dec: -03 49 51.90 (-3.83108d) Equinox: J2000			V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(47) DES16X3CRY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-2 in Visit W2 (1)	602.937703 Secs (2411.751 Secs)			
									[==>(Pattern 1)]	[1]	
									[==>(Pattern 2)]	[2]	
									[==>(Pattern 3)]		
									[==>(Pattern 4)]		
2	(47) DES16X3CRY	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit W2 (1)	602.937703 Secs (2411.751 Secs)				
								[==>(Pattern 1)]	[1]		
								[==>(Pattern 2)]	[2]		
								[==>(Pattern 3)]			
								[==>(Pattern 4)]			



Proposal 14216 - Visit W3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

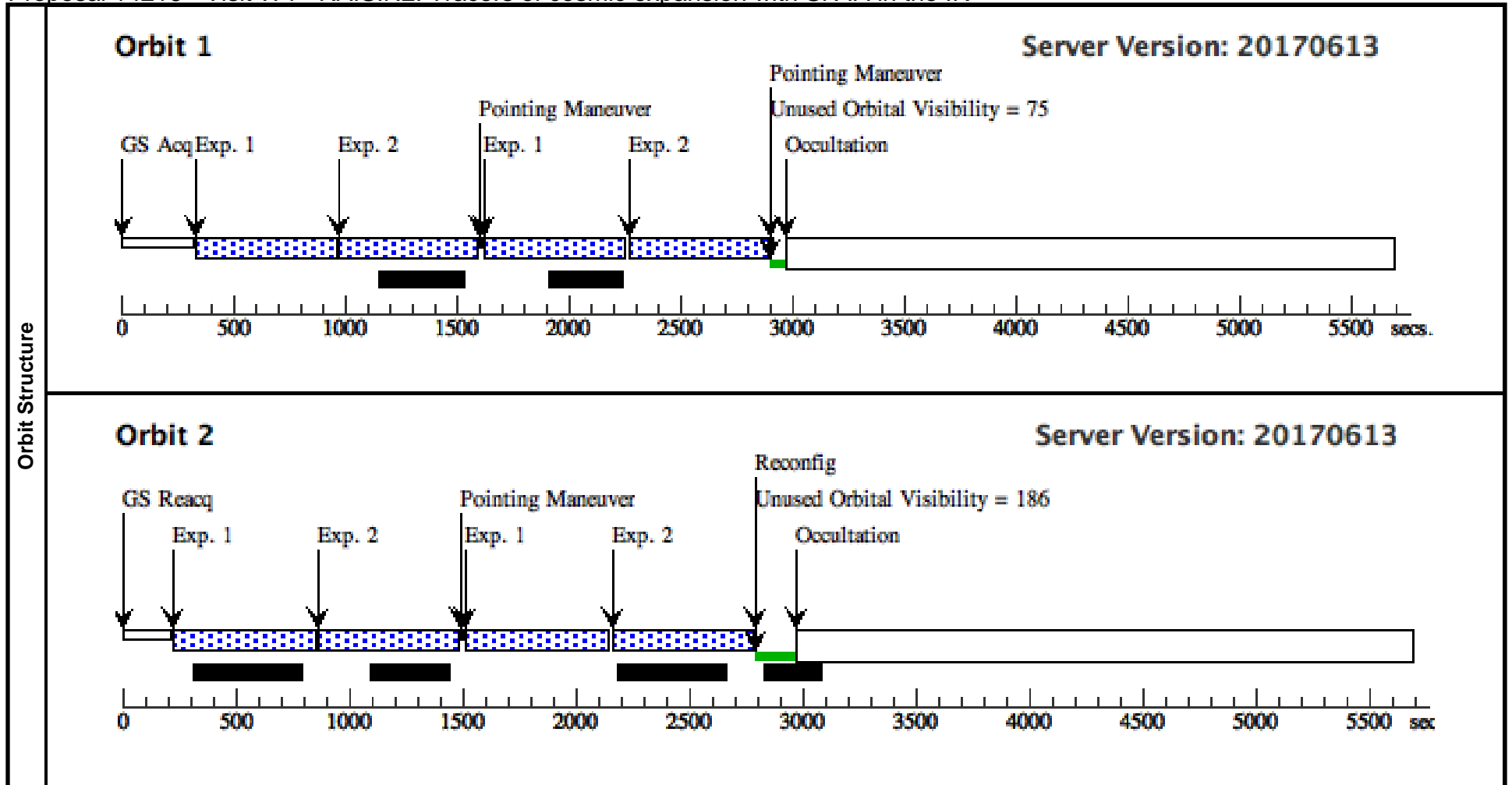
Visit	<p>Proposal 14216, Visit W3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS W1; AFTER W1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the third of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended plus or minus 2 days.</i> <i>optimum scheduling for this visit is 15 days AFTER the first visit in sequence.</i></p> <p><i>On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(47)	DES16X3CRY	RA: 02 24 10.5400 (36.0439167d) Dec: -03 49 51.90 (-3.83108d) Equinox: J2000			V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(47) DES16X3CRY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-2 in Visit W3 (1)	602.937703 Secs (2411.751 Secs)			
									[==>(Pattern 1)]	[1]	
									[==>(Pattern 2)]	[2]	
									[==>(Pattern 3)]		
									[==>(Pattern 4)]		
2	(47) DES16X3CRY	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit W3 (1)	602.937703 Secs (2411.751 Secs)				
								[==>(Pattern 1)]	[1]		
								[==>(Pattern 2)]	[2]		
								[==>(Pattern 3)]			
								[==>(Pattern 4)]			



Proposal 14216 - Visit W4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

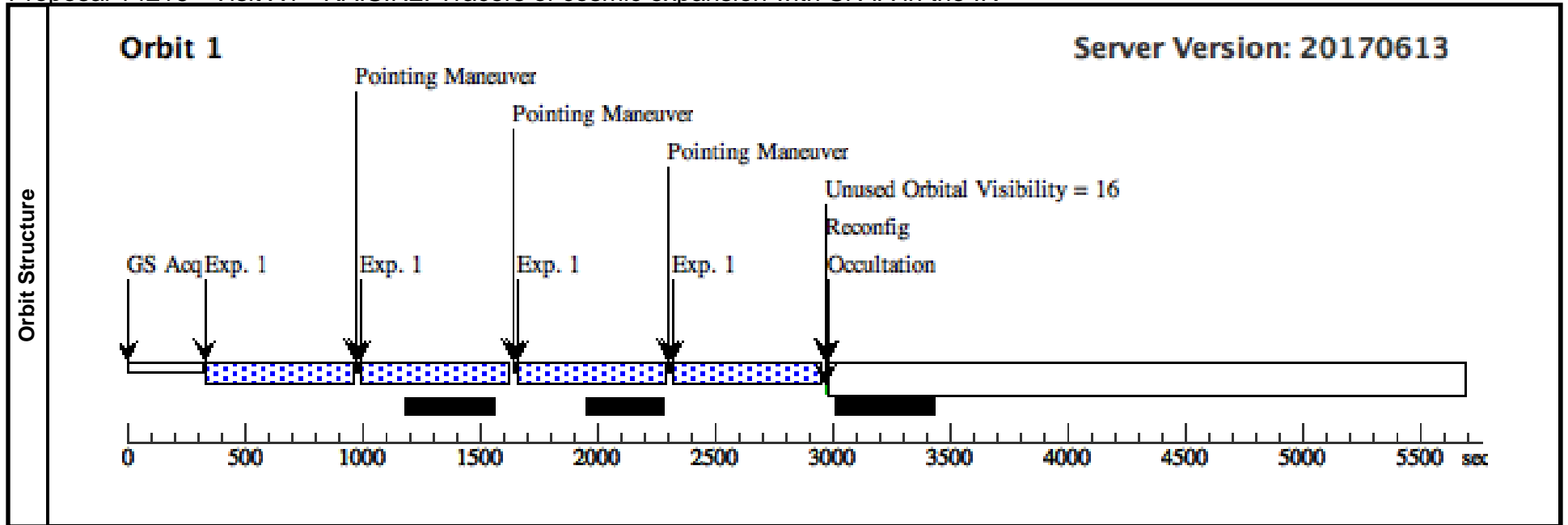
Visit	Proposal 14216, Visit W4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 05-NOV-2017:00:00:00 AND 03-DEC-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false				(1-2)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(47)	DES16X3CRY	RA: 02 24 10.5400 (36.0439167d) Dec: -03 49 51.90 (-3.83108d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(47) DES16X3CRY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-2 in Visit W4 (1)	602.937703 Secs (2411.751 Secs)			
									[=>(Pattern 1)]	[1]	
									[=>(Pattern 2)]	[2]	
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
2	(47) DES16X3CRY	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit W4 (1)	602.937703 Secs (2411.751 Secs)			
								[=>(Pattern 1)]	[1]		
								[=>(Pattern 2)]	[2]		
								[=>(Pattern 3)]			
								[=>(Pattern 4)]			



Proposal 14216 - Visit X1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

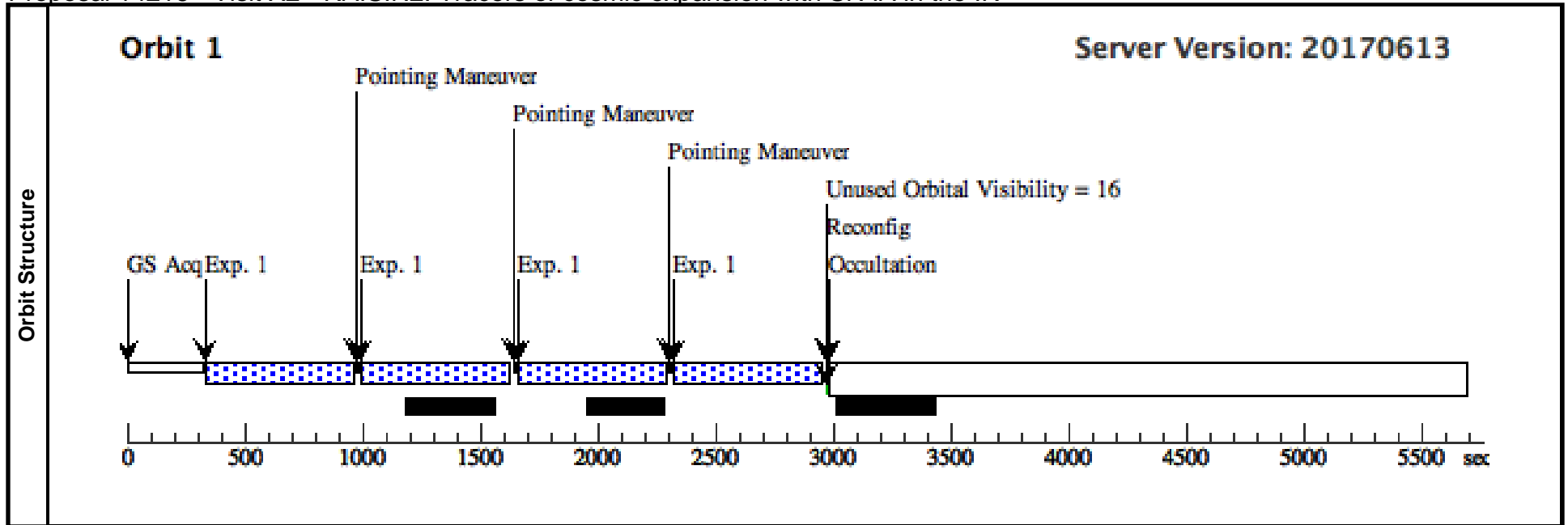
Visit	<p>Proposal 14216, Visit X1, withdrawn</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 13-NOV-2016:00:00:00 AND 29-NOV-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(48)	DES16E1CVI	RA: 00 30 35.0800 (7.6461667d) Dec: -42 09 3.90 (-42.15108d) Equinox: J2000					V=22.7	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(48) DES16E1CVI	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit X1 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 14216 - Visit X2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

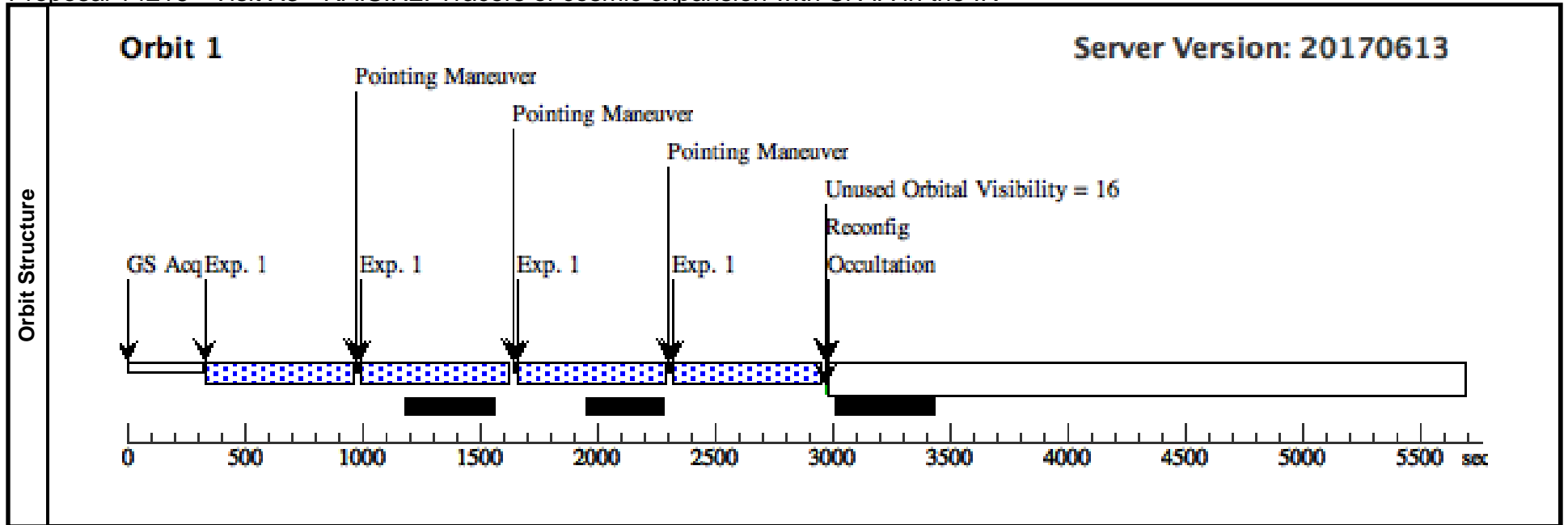
Visit	<p>Proposal 14216, Visit X2, withdrawn</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS X1; AFTER X1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(48)	DES16E1CVI	RA: 00 30 35.0800 (7.6461667d) Dec: -42 09 3.90 (-42.15108d) Equinox: J2000		V=22.7	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(48) DES16E1CVI	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit X2 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit X3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

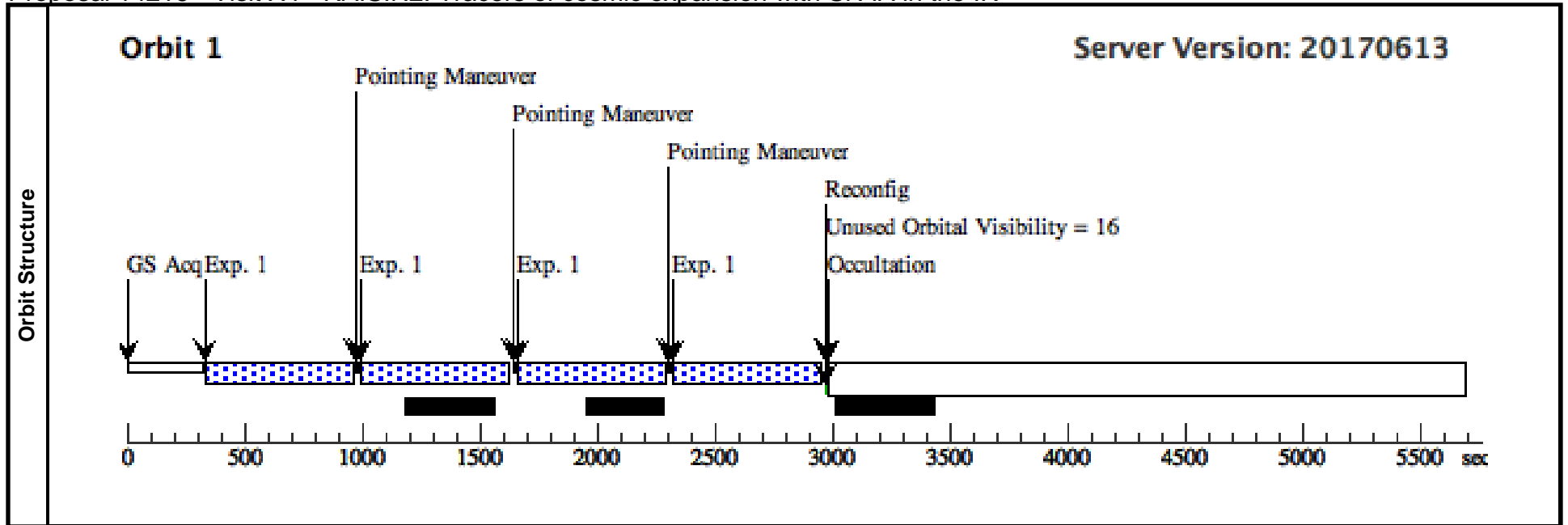
Visit	<p>Proposal 14216, Visit X3, withdrawn</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS X1; AFTER X1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(48)	DES16E1CVI	RA: 00 30 35.0800 (7.6461667d) Dec: -42 09 3.90 (-42.15108d) Equinox: J2000		V=22.7	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(48) DES16E1CVI	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit X3 (1)	602.937703 Secs (2411.751 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14216 - Visit X4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

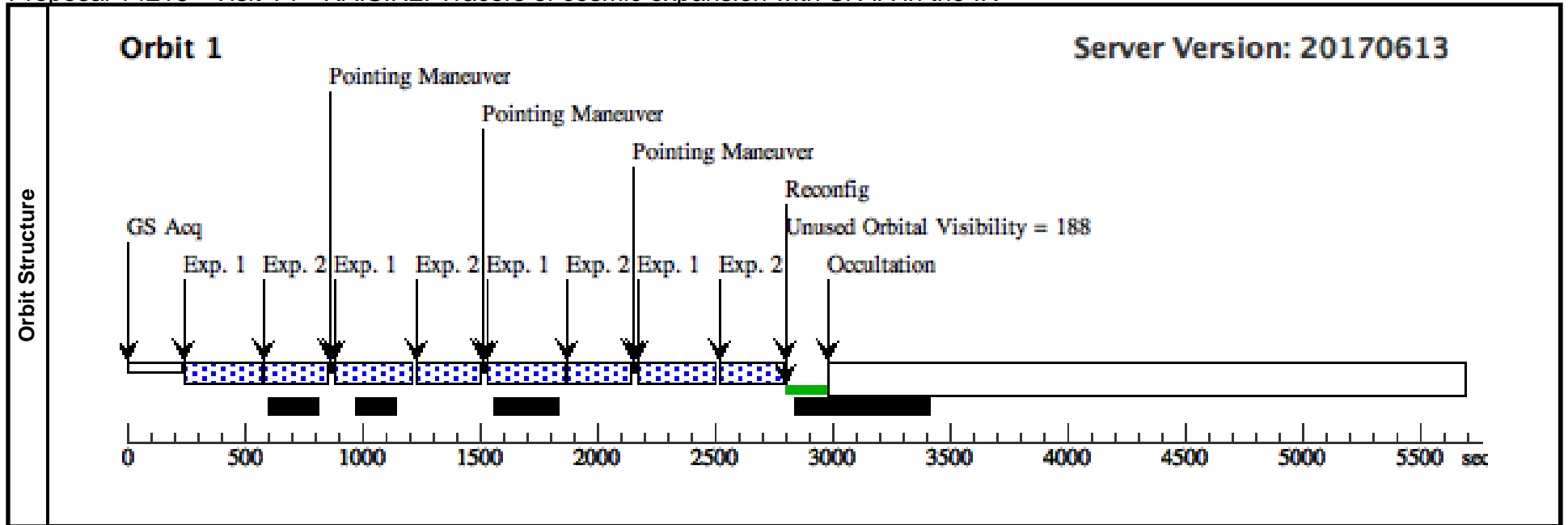
Visit	<p>Proposal 14216, Visit X4, withdrawn</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; AFTER X1 BY 180 D TO 365 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit.</i></p> <p><i>On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(48)	DES16E1CVI	RA: 00 30 35.0800 (7.6461667d) Dec: -42 09 3.90 (-42.15108d) Equinox: J2000					V=22.7	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(48) DES16E1CVI	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit X4 (1)	602.937703 Secs (2411.751 Secs)		[1]
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		



Proposal 14216 - Visit Y1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

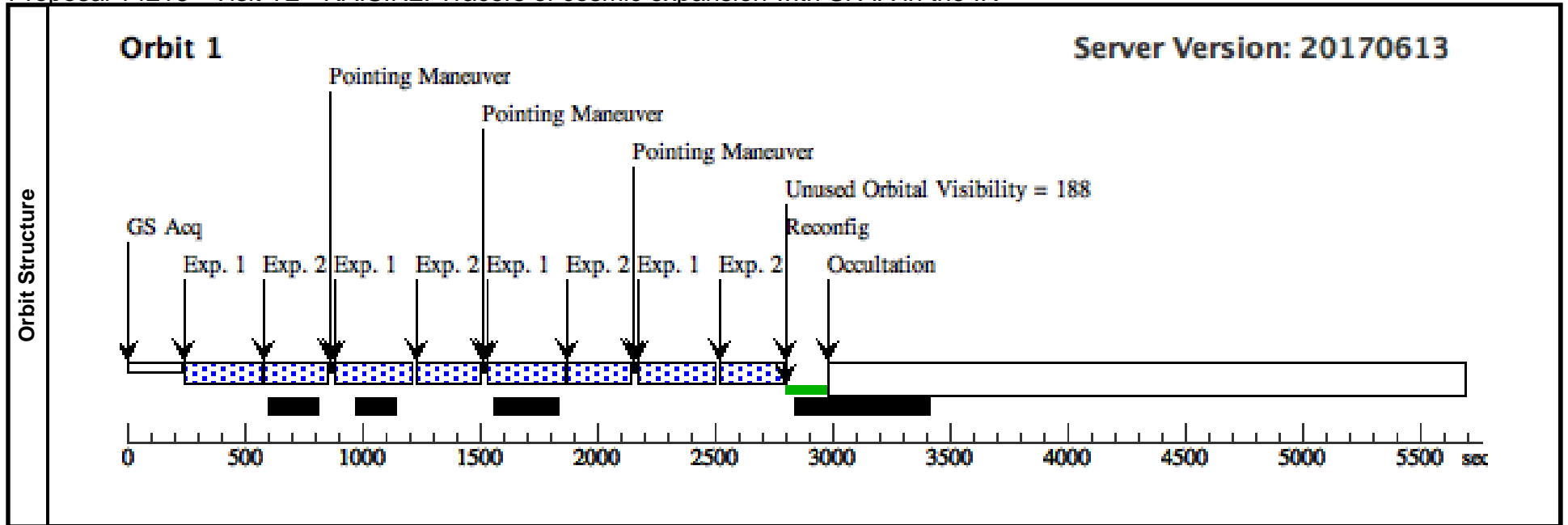
Visit	Proposal 14216, Visit Y1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 20-NOV-2016:00:00:00 AND 30-NOV-2016:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(49)	DES16E2CXW	RA: 00 40 42.7000 (10.1779167d) Dec: -43 55 18.50 (-43.92181d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(49) DES16E2CXW	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-2 in Visit Y1 (1)	302.934997 Secs (1211.74 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	
	2	(49) DES16E2CXW	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit Y1 (1)	252.934546 Secs (1011.738 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	



Proposal 14216 - Visit Y2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

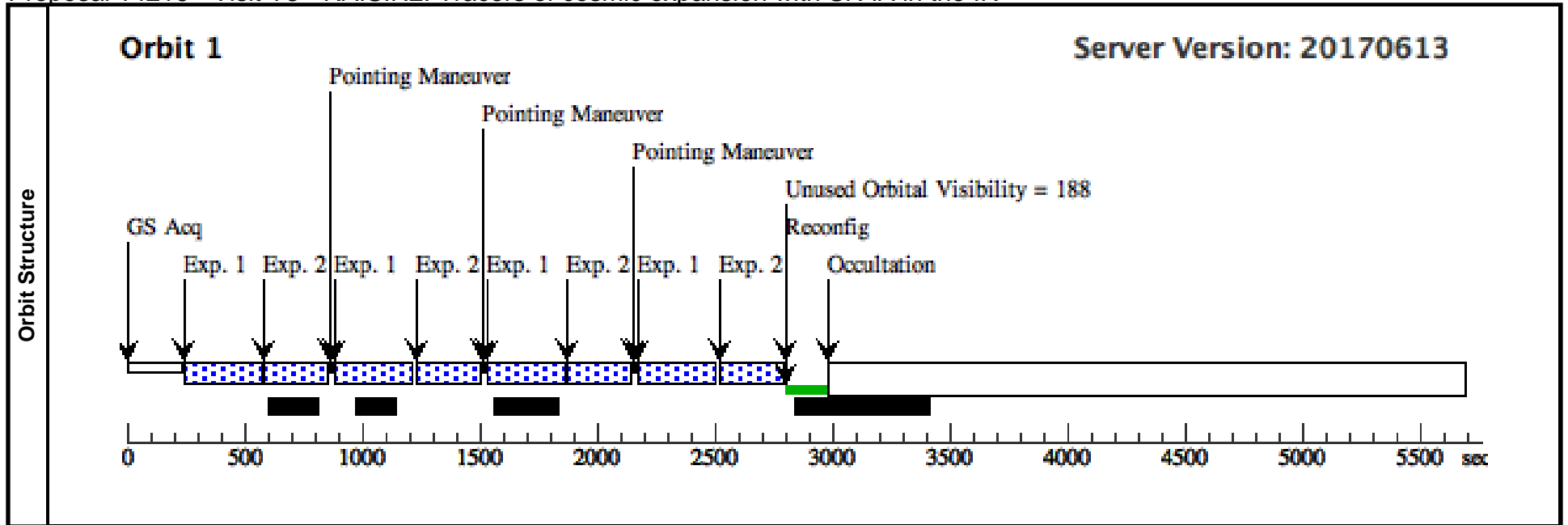
Visit	<p>Proposal 14216, Visit Y2, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS Y1; AFTER Y1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the second of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended by plus or minus 1 day. optimum scheduling is 7 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(49)	DES16E2CXW	RA: 00 40 42.7000 (10.1779167d) Dec: -43 55 18.50 (-43.92181d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(49) DES16E2CXW	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-2 in Visit Y2 (1)	302.934997 Secs (1211.74 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]	
2	(49) DES16E2CXW	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit Y2 (1)	252.934546 Secs (1011.738 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]		



Proposal 14216 - Visit Y3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

Tue Aug 01 19:02:44 GMT 2017

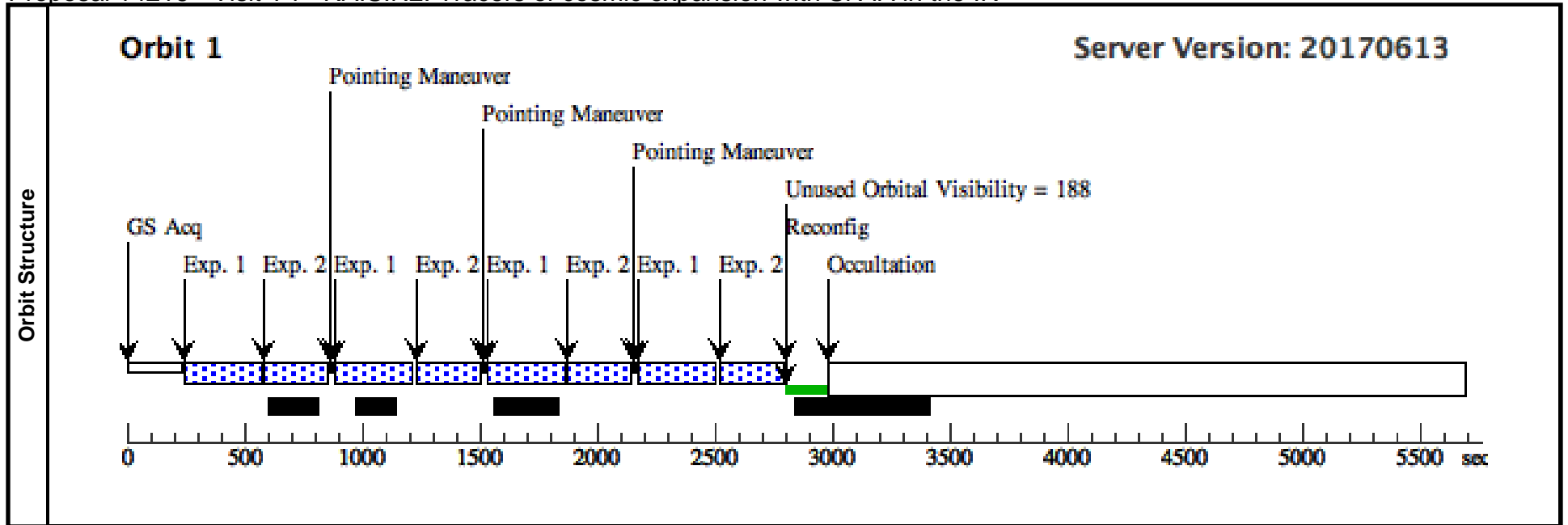
Visit	<p>Proposal 14216, Visit Y3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS Y1; AFTER Y1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(49)	DES16E2CXW	RA: 00 40 42.7000 (10.1779167d) Dec: -43 55 18.50 (-43.92181d) Equinox: J2000			V=22.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(49) DES16E2CXW	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-2 in Visit Y3 (1)	302.934997 Secs (1211.74 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]	
2	(49) DES16E2CXW	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit Y3 (1)	252.934546 Secs (1011.738 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]		



Proposal 14216 - Visit Y4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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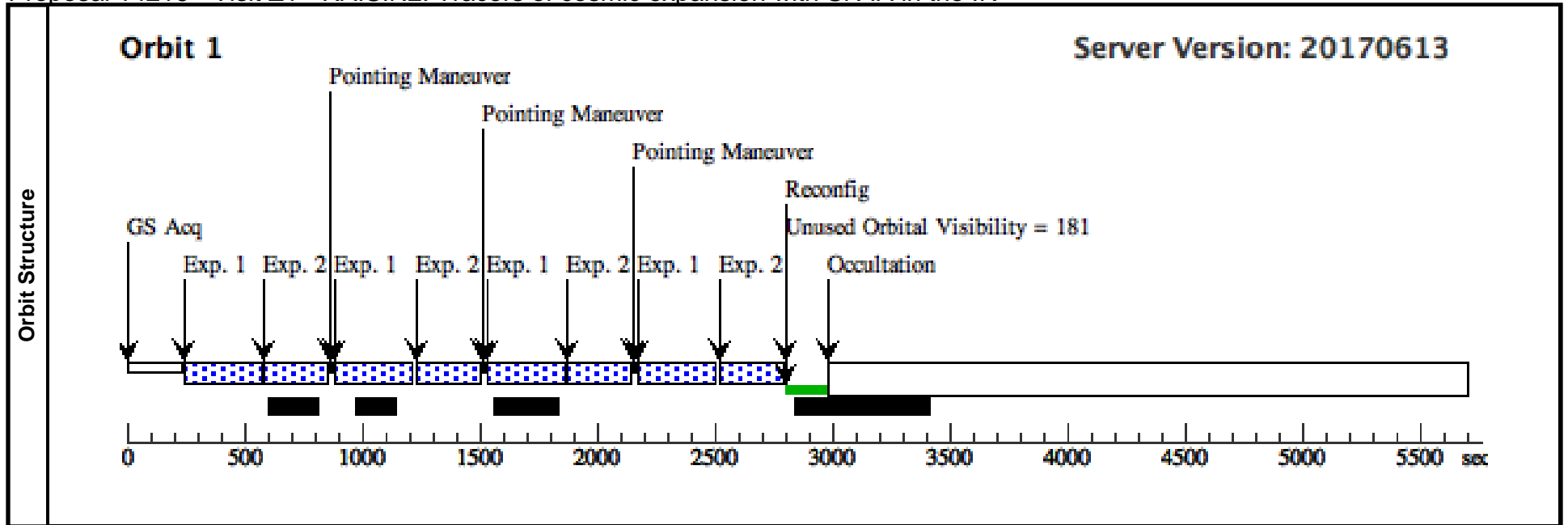
Visit	Proposal 14216, Visit Y4, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; BETWEEN 10-SEP-2017:00:00:00 AND 08-OCT-2017:00:00:00; ON HOLD <i>Comments: non-disruptive ToO. This is the fourth of a 4 visit sequence. single guide star is acceptable for any visit. On Hold Comments: ToO supernova</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(49)	DES16E2CXW	RA: 00 40 42.7000 (10.1779167d) Dec: -43 55 18.50 (-43.92181d) Equinox: J2000					V=22.5	Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(49) DES16E2CXW	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-2 in Visit Y4 (1)	302.934997 Secs (1211.74 Secs)	[1]	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		
2	(49) DES16E2CXW	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit Y4 (1)	252.934546 Secs (1011.738 Secs)	[1]		
							[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]			



Proposal 14216 - Visit Z1 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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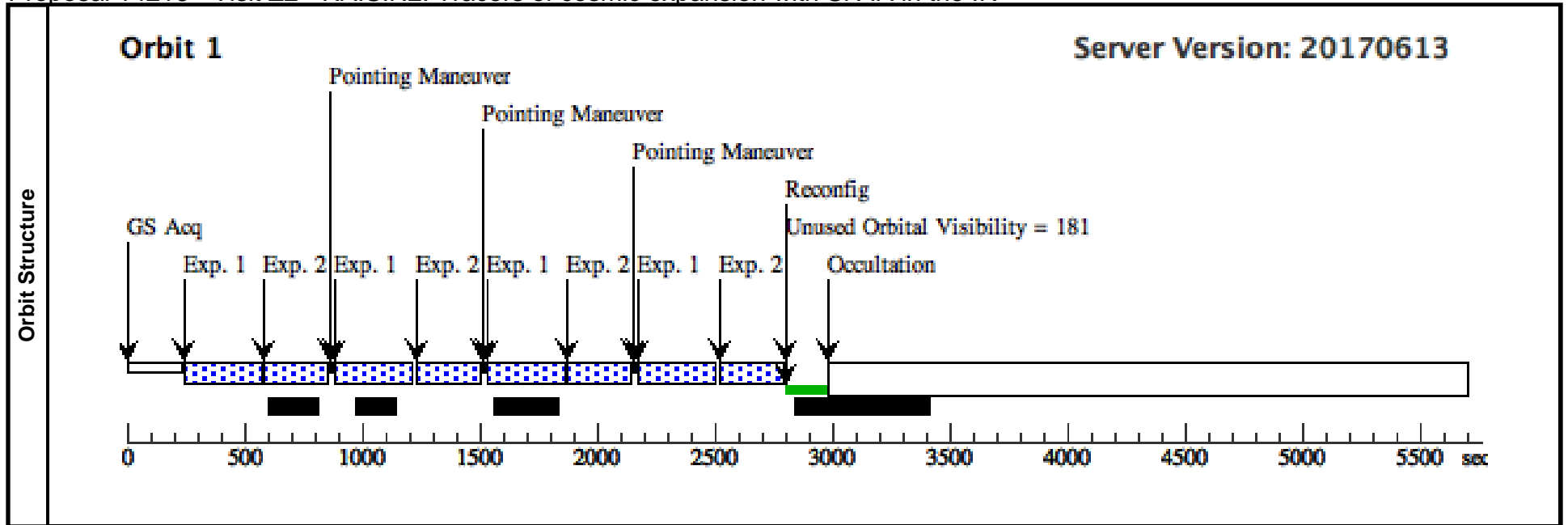
Visit	<p>Proposal 14216, Visit Z1, withdrawn</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; BETWEEN 20-NOV-2016:00:00:00 AND 30-NOV-2016:00:00:00; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the first of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement in visit sequence is acceptable. please try to schedule this visit as soon as possible. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(51)	DES16X1DER	RA: 02 17 55.7300 (34.4822083d) Dec: -05 32 28.90 (-5.54136d) Equinox: J2000				V=22.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(51) DES16X1DER	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-2 in Visit Z1 (1)	302.934997 Secs (1211.74 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]	
	2	(51) DES16X1DER	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit Z1 (1)	252.934546 Secs (1011.738 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]	



Proposal 14216 - Visit Z2 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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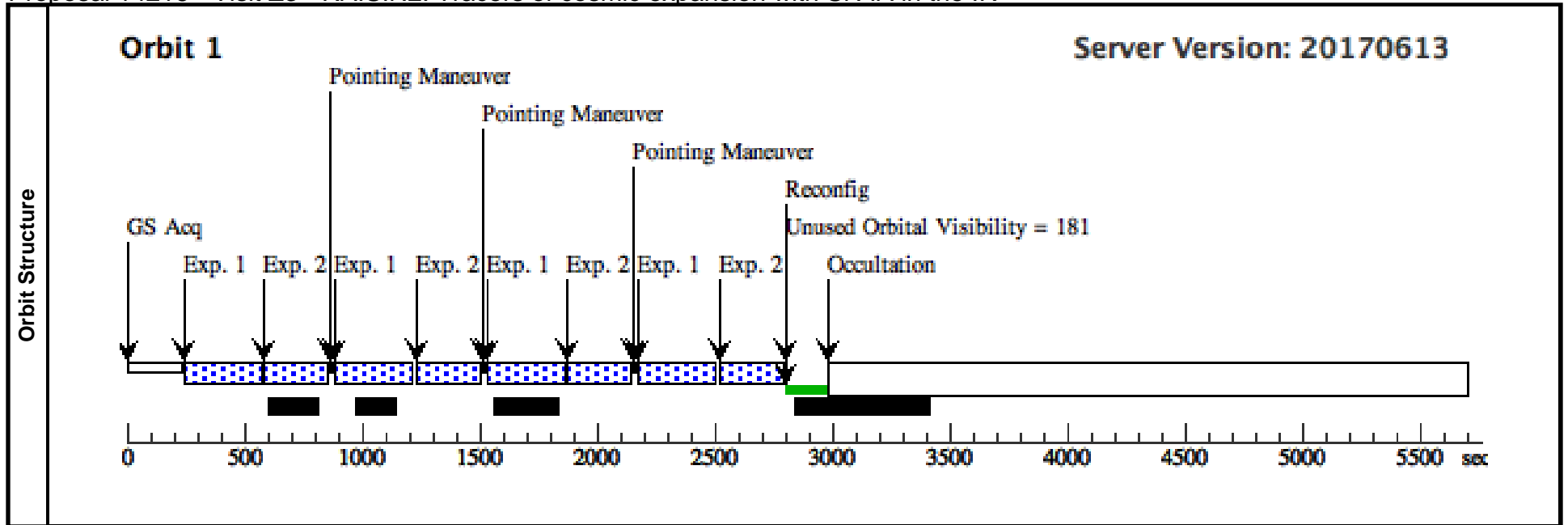
Visit	<p>Proposal 14216, Visit Z2, withdrawn</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS Z1; AFTER Z1 BY 6 D TO 9 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the second of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i> <i>Removal of same orient requirement for this visit is acceptable.</i> <i>AFTER window can be extended by plus or minus 1 day.</i> <i>optimum scheduling is 7 days AFTER the first visit in sequence.</i> <i>On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(51)	DES16X1DER	RA: 02 17 55.7300 (34.4822083d) Dec: -05 32 28.90 (-5.54136d) Equinox: J2000					V=22.5	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(51) DES16X1DER	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-2 in Visit Z2 (1)	302.934997 Secs (1211.74 Secs)		[1]	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		
2	(51) DES16X1DER	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit Z2 (1)	252.934546 Secs (1011.738 Secs)		[1]		
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]			



Proposal 14216 - Visit Z3 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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Visit	<p>Proposal 14216, Visit Z3, withdrawn</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; SAME ORIENT AS Z1; AFTER Z1 BY 14 D TO 17 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO. This is the third of a 4 visit sequence. single guide star is acceptable for any visit. Removal of same orient requirement for this visit is acceptable. AFTER window can be extended plus or minus 2 days. optimum scheduling for this visit is 15 days AFTER the first visit in sequence. On Hold Comments: non-disruptive ToO new supernova</i></p>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(51)	DES16X1DER	RA: 02 17 55.7300 (34.4822083d) Dec: -05 32 28.90 (-5.54136d) Equinox: J2000					V=22.5	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(51) DES16X1DER	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-2 in Visit Z3 (1)	302.934997 Secs (1211.74 Secs)		[1]	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		
2	(51) DES16X1DER	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-2 in Visit Z3 (1)	252.934546 Secs (1011.738 Secs)		[1]		
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]			



Proposal 14216 - Visit Z4 - RAISIN2: Tracers of cosmic expansion with SN IA in the IR

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Visit	<p>Proposal 14216, Visit Z4, withdrawn</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; AFTER Z1 BY 180 D TO 365 D; ON HOLD</p> <p><i>Comments: non-disruptive ToO.</i> <i>This is the fourth of a 4 visit sequence.</i> <i>single guide star is acceptable for any visit.</i></p> <p><i>On Hold Comments: non-disruptive ToO new supernova</i></p>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(51)	DES16X1DER	RA: 02 17 55.7300 (34.4822083d) Dec: -05 32 28.90 (-5.54136d) Equinox: J2000					V=22.5	Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(51) DES16X1DER	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-2 in Visit Z4 (1)	302.934997 Secs (1211.74 Secs)	[1]	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		
2	(51) DES16X1DER	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-2 in Visit Z4 (1)	252.934546 Secs (1011.738 Secs)	[1]	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		

