



14251 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

Cycle: 23, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) SDSSJ002145.80+003327.3	WFC3/IR	1	17-Jul-2015 21:45:32.0	yes
02	(2) SDSSJ010005.93-011058.8	WFC3/IR	1	17-Jul-2015 21:45:33.0	yes
03	(3) SDSSJ024825.26-002541.4	WFC3/IR	1	17-Jul-2015 21:45:34.0	yes
04	(4) SDSSJ032224.64+401119.8	WFC3/IR	1	17-Jul-2015 21:45:35.0	yes
05	(5) SDSSJ074829.21+510052.4	WFC3/IR	1	17-Jul-2015 21:45:35.0	yes
06	(6) SDSSJ081145.29+232825.7	WFC3/IR	1	17-Jul-2015 21:45:36.0	yes
07	(7) SDSSJ082334.84+031315.6	WFC3/IR	1	17-Jul-2015 21:45:37.0	yes
08	(8) SDSSJ084025.54+181858.9	WFC3/IR	1	17-Jul-2015 21:45:38.0	yes
09	(9) SDSSJ084204.92+403934.5	WFC3/IR	1	17-Jul-2015 21:45:39.0	yes
10	(10) SDSSJ085548.25+354502.0	WFC3/IR	1	17-Jul-2015 21:45:39.0	yes
11	(11) SDSSJ090737.05+352828.4	WFC3/IR	1	17-Jul-2015 21:45:40.0	yes
12	(12) SDSSJ091720.88+191018.9	WFC3/IR	1	17-Jul-2015 21:45:41.0	yes

Proposal 14251 (STScI Edit Number: 0, Created: Friday, July 17, 2015 8:46:16 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
13	(13) SDSSJ092129.98+213139.3	WFC3/IR	1	17-Jul-2015 21:45:42.0	yes
14	(14) SDSSJ093239.45+511542.9	WFC3/IR	1	17-Jul-2015 21:45:42.0	yes
15	(15) SDSSJ093821.54+063130.8	WFC3/IR	1	17-Jul-2015 21:45:43.0	yes
16	(16) SDSSJ094705.72+050159.8	WFC3/IR	1	17-Jul-2015 21:45:44.0	yes
17	(17) SDSSJ100423.33+231323.4	WFC3/IR	1	17-Jul-2015 21:45:44.0	yes
18	(18) SDSSJ100935.66+265648.9	WFC3/IR	1	17-Jul-2015 21:45:45.0	yes
19	(19) SDSSJ101747.09+393207.7	WFC3/IR	1	17-Jul-2015 21:45:46.0	yes
20	(20) SDSSJ102149.12+635206.8	WFC3/IR	1	17-Jul-2015 21:45:47.0	yes
21	(21) SDSSJ102833.33+184513.9	WFC3/IR	1	17-Jul-2015 21:45:47.0	yes
22	(22) SDSSJ110219.75+123107.1	WFC3/IR	1	17-Jul-2015 21:45:48.0	yes
23	(23) SDSSJ110503.96+224123.4	WFC3/IR	1	17-Jul-2015 21:45:49.0	yes
24	(24) SDSSJ110912.37+612347.0	WFC3/IR	1	17-Jul-2015 21:45:49.0	yes
25	(25) SDSSJ111319.23+044425.1	WFC3/IR	1	17-Jul-2015 21:45:50.0	yes
26	(26) SDSSJ112631.77+095515.4	WFC3/IR	1	17-Jul-2015 21:45:51.0	yes
27	(27) SDSSJ112957.62+653804.8	WFC3/IR	1	17-Jul-2015 21:45:51.0	yes
28	(28) SDSSJ113129.20+350958.9	WFC3/IR	1	17-Jul-2015 21:45:52.0	yes
29	(29) SDSSJ114302.40+260818.9	WFC3/IR	1	17-Jul-2015 21:45:53.0	yes
30	(30) SDSSJ114359.58+244251.7	WFC3/IR	1	17-Jul-2015 21:45:54.0	yes
31	(31) SDSSJ114418.83+334007.4	WFC3/IR	1	17-Jul-2015 21:45:54.0	yes
32	(32) SDSSJ114800.65+274946.1	WFC3/IR	1	17-Jul-2015 21:45:55.0	yes
33	(33) SDSSJ115359.06+130853.6	WFC3/IR	1	17-Jul-2015 21:45:56.0	yes
34	(34) SDSSJ115812.53+575322.1	WFC3/IR	1	17-Jul-2015 21:45:56.0	yes
35	(35) SDSSJ115922.33+511809.2	WFC3/IR	1	17-Jul-2015 21:45:57.0	yes
36	(36) SDSSJ121155.68+465854.5	WFC3/IR	1	17-Jul-2015 21:45:58.0	yes
37	(37) SDSSJ122024.30+053422.3	WFC3/IR	1	17-Jul-2015 21:45:58.0	yes

Proposal 14251 (STScI Edit Number: 0, Created: Friday, July 17, 2015 8:46:16 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
38	(38) SDSSJ122342.82+581446.4	WFC3/IR	1	17-Jul-2015 21:45:59.0	yes
39	(39) SDSSJ122505.40+051945.9	WFC3/IR	1	17-Jul-2015 21:46:00.0	yes
40	(40) SDSSJ130434.92+075505.0	WFC3/IR	1	17-Jul-2015 21:46:00.0	yes
41	(41) SDSSJ130457.86+362622.2	WFC3/IR	1	17-Jul-2015 21:46:01.0	yes
42	(42) SDSSJ133245.62+263449.3	WFC3/IR	1	17-Jul-2015 21:46:02.0	yes
43	(43) SDSSJ134757.69+465434.9	WFC3/IR	1	17-Jul-2015 21:46:03.0	yes
44	(44) SDSSJ134939.36+420241.4	WFC3/IR	1	17-Jul-2015 21:46:03.0	yes
45	(45) SDSSJ135125.37+401247.7	WFC3/IR	1	17-Jul-2015 21:46:04.0	yes
46	(46) SDSSJ140228.72+091856.4	WFC3/IR	1	17-Jul-2015 21:46:05.0	yes
47	(47) SDSSJ140510.39+114616.9	WFC3/IR	1	17-Jul-2015 21:46:05.0	yes
48	(48) SDSSJ141208.47+102953.8	WFC3/IR	1	17-Jul-2015 21:46:06.0	yes
49	(49) SDSSJ142044.94+224236.8	WFC3/IR	1	17-Jul-2015 21:46:07.0	yes
50	(50) SDSSJ143146.75+261624.3	WFC3/IR	1	17-Jul-2015 21:46:07.0	yes
51	(51) SDSSJ143523.42+100704.2	WFC3/IR	1	17-Jul-2015 21:46:08.0	yes
52	(52) SDSSJ144252.78+205451.6	WFC3/IR	1	17-Jul-2015 21:46:09.0	yes
53	(53) SDSSJ152303.80+114546.0	WFC3/IR	1	17-Jul-2015 21:46:09.0	yes
54	(54) SDSSJ153941.68+171421.8	WFC3/IR	1	17-Jul-2015 21:46:10.0	yes
55	(55) SDSSJ154059.61+315507.3	WFC3/IR	1	17-Jul-2015 21:46:11.0	yes
56	(56) SDSSJ160544.57+085043.9	WFC3/IR	1	17-Jul-2015 21:46:11.0	yes
57	(57) SDSSJ160958.68+535011.7	WFC3/IR	1	17-Jul-2015 21:46:12.0	yes
58	(58) SDSSJ162514.64+484316.9	WFC3/IR	1	17-Jul-2015 21:46:13.0	yes
59	(59) SDSSJ163210.87+290130.5	WFC3/IR	1	17-Jul-2015 21:46:13.0	yes
60	(60) SDSSJ173202.96+595855.0	WFC3/IR	1	17-Jul-2015 21:46:14.0	yes
61	(61) SDSSJ235609.14-002428.6	WFC3/IR	1	17-Jul-2015 21:46:15.0	yes

61 Total Orbits Used

ABSTRACT

Present-day dwarf galaxies hosting massive black holes (BHs), while apparently rare, are currently our best observational probes of the origin of BH seeds. We have systematically assembled the first and largest sample of dwarf galaxies hosting active BHs using optical spectroscopy from the SDSS (Reines et al. 2013). However, we know very little about the structures of the host galaxies (e.g, if they have bulges) and how they compare to the general population of dwarf galaxies of comparable mass. Here we propose WFC3/IR SNAPshot observations of a subsample of 61 objects from our SDSS sample that are the best cases for dwarf galaxies hosting massive BHs. With the proposed observations, we will 1) characterize the structural properties of the host galaxies, and 2) compare our results to a control sample of non-AGN hosting dwarf galaxies and more massive AGN hosts. This work will provide valuable constraints on the host galaxies of BH seeds, and place rare AGN-hosting dwarf galaxies in the broader context of galaxy and BH evolution.

OBSERVING DESCRIPTION

We propose SNAPshot WFC3/IR F110W observations of 61 dwarf galaxies hosting active massive BHs selected from our SDSS sample. Deep, high-resolution near-IR observations are essential for studying the structures of our target galaxies. We propose observations in F110W, which is highly efficient and sensitive to older stellar populations. Moreover, the wavelengths covered by this filter are long enough to mitigate the effects of dust extinction and short enough to prevent severe contamination from hot dust emission (from AGN and/or intense star formation).

Our primary goal is to be sensitive to faint and small bulges, as well as outer disk components in these small dwarf galaxies. Based on surface brightness profiles of our faintest targets, we wish to reach a 10 sigma surface-brightness sensitivity of $\mu_r \sim 23.5$ mag arcsec² in a given pixel. Prior experience suggests that we will be able to reach at least a magnitude deeper with radial averaging than our per-pixel depth. This will allow us to detect the outer parts of the disks in our target galaxies, which is necessary to adequately decouple bulge and disk components on small scales. According to the WFC3/IR exposure time calculator, we need ~ 1000 s to reach our required sensitivity in F110W. We will break the total time into 4 dithered exposures to improve the PSF sampling and avoid bad pixels. We will use the timing sequence STEP25 with NSAMP=15 (~ 250 s per exposure) to increase our dynamic range, avoid potential saturation from AGN and allow the use of the IRSUB512 subarray to avoid buffer dumps. Our galaxies are quite compact so using a subarray will not compromise our science or limit our sky subtraction. Our targets are also relatively faint and therefore we do not expect them to cause persistence in the near-IR. We note that the corresponding ~ 10 sigma surface brightness sensitivity in the J-band determined from the exposure time calculator is $\mu_J \sim 22$ mag arcsec², which is well-matched to UKIDSS data for our control sample

of dwarf galaxies.

To summarize, we request SNAPshot WFC3/IR F110W observations of 61 dwarf galaxies with massive BHs. We estimate a total time of ~28 minutes for each SNAP opportunity, including time on source and all overheads (6 min for guide-star acquisition, 1 min for dithering, 4 min for readout). We expect that >~30-40% of our SNAPs will be executed (~20-25 objects), given that the times are relatively short. This will allow us to span the full range in stellar mass and color, and even measure distributions of sizes in mass and color bins.

Proposal 14251 - Visit 01 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

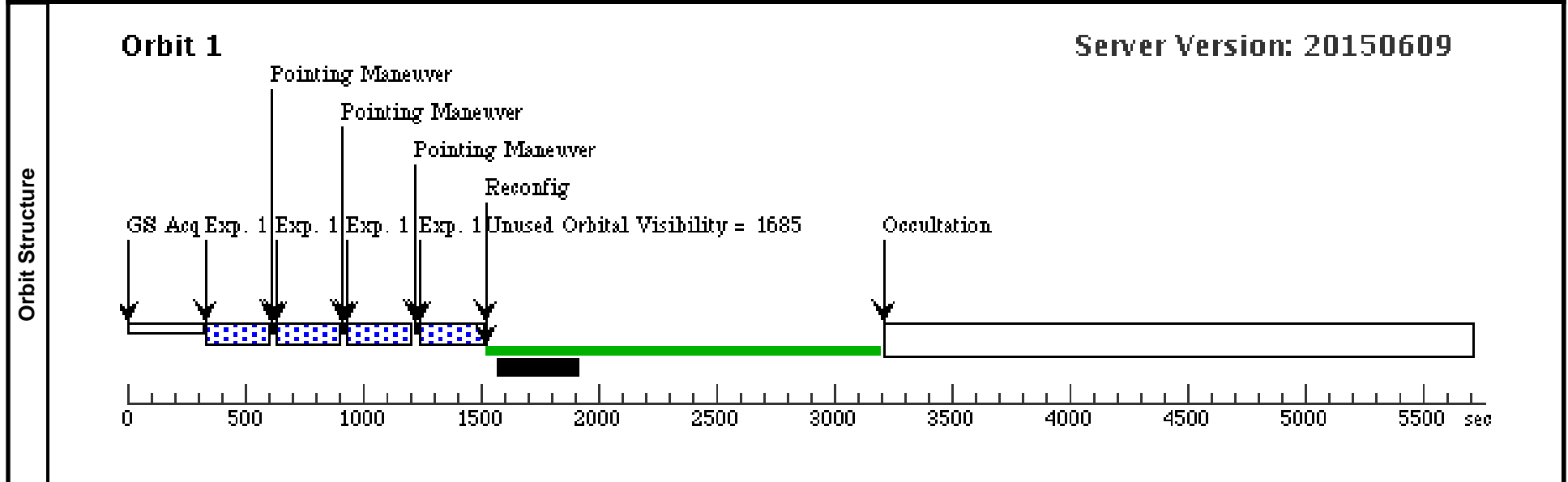
Sat Jul 18 01:46:17 GMT 2015

Visit	Proposal 14251, Visit 01		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

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)	SDSSJ002145.80+003327.3	RA: 00 21 45.8169 (5.4409037d) Dec: +00 33 27.47 (.55763d) Equinox: J2000	Redshift: 0.01779088378	V=(?) SDSS i-band mag = 16.3	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SDSSJ002145.80+003327.3	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 01 (1)	243.045901 Secs (972.184 Secs)	[1]
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	



Proposal 14251 - Visit 02 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

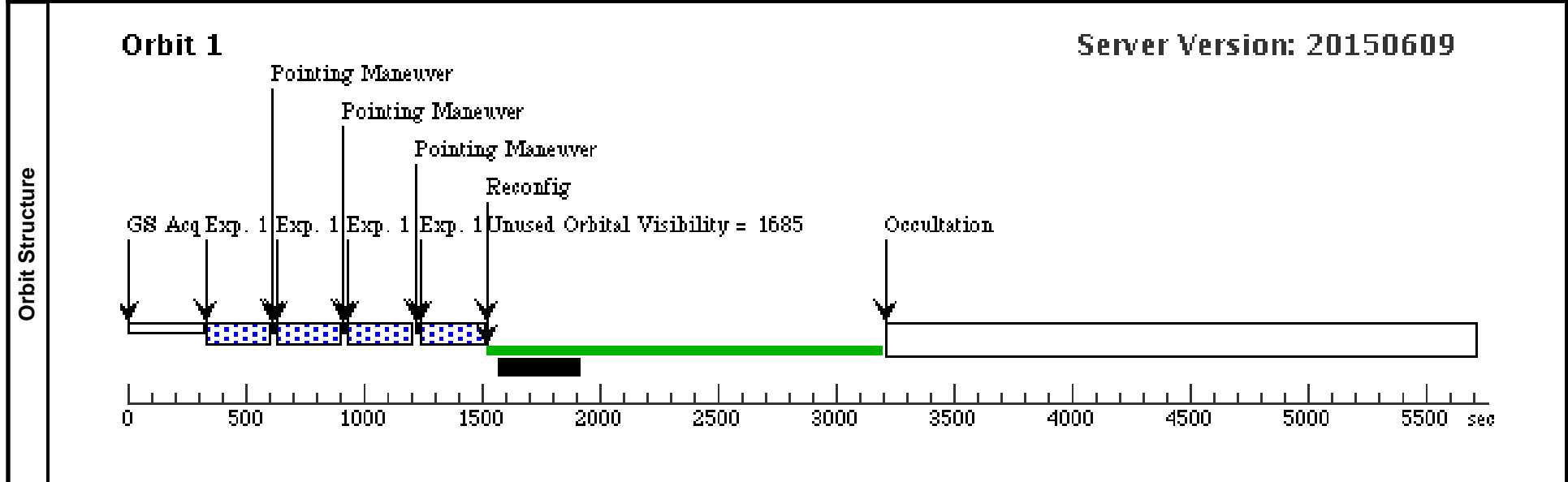
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Visit	Proposal 14251, Visit 02		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSJ010005.93-011058.8	RA: 01 00 5.9349 (15.0247288d) Dec: -01 10 58.97 (-1.18305d) Equinox: J2000	Redshift: 0.051436752081	V=(?) SDSS i-band mag = 17.4	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) SDSSJ010005.93-011058.8	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15			Pattern 1, Exps 1-1 in Visit 02 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

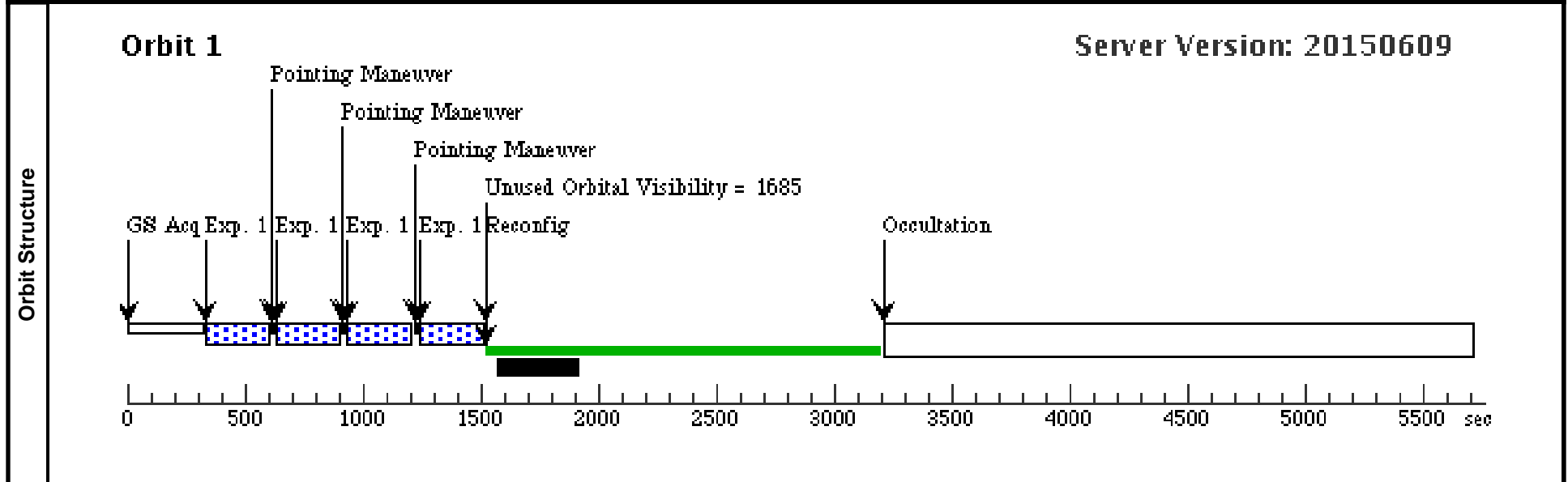


Visit	Proposal 14251, Visit 03		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	SDSSJ024825.26-002541.4	RA: 02 48 25.2657 (42.1052737d) Dec: -00 25 41.42 (-.42817d) Equinox: J2000	Redshift: 0.024665864184	V=(?) SDSS i-band mag = 17.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) SDSSJ024825.26-002541.4	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15			Pattern 1, Exps 1-1 in Visit 03 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

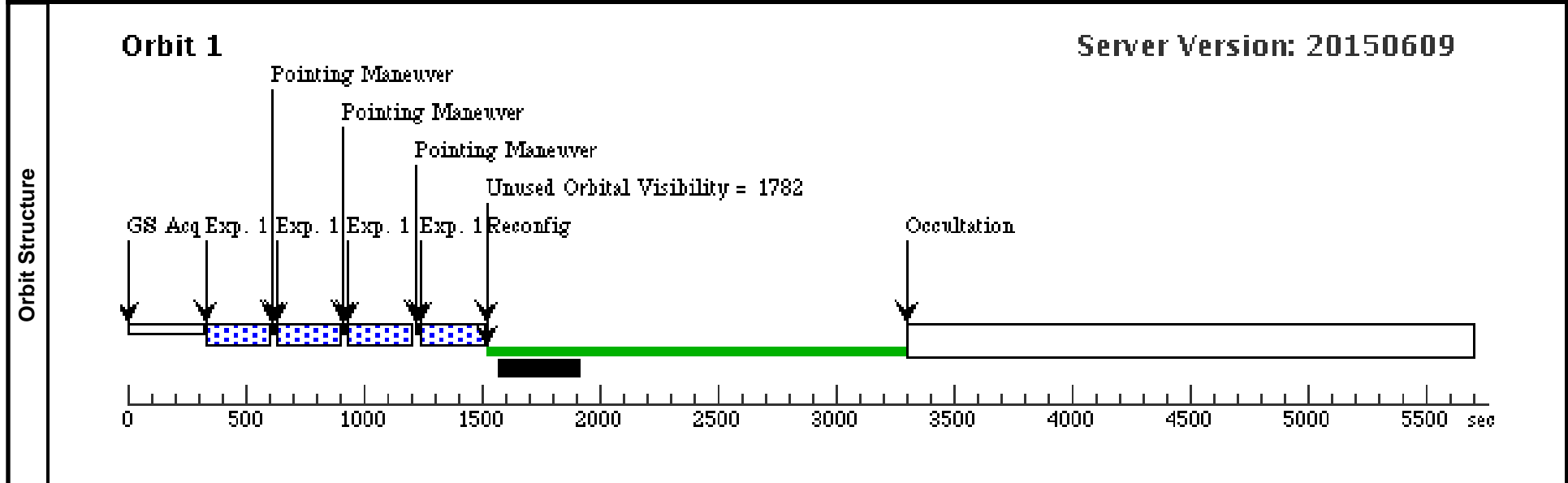


Visit	Proposal 14251, Visit 04		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	SDSSJ032224.64+401119.8	RA: 03 22 24.6424 (50.6026767d) Dec: +40 11 19.76 (40.18882d) Equinox: J2000	Redshift: 0.026084085926	V=(?) SDSS i-band mag = 16.2	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) SDSSJ032224.64+401119.8	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 i n Visit 04 (1)	243.045901 Secs (972.184 Secs)	[1]



Proposal 14251 - Visit 05 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

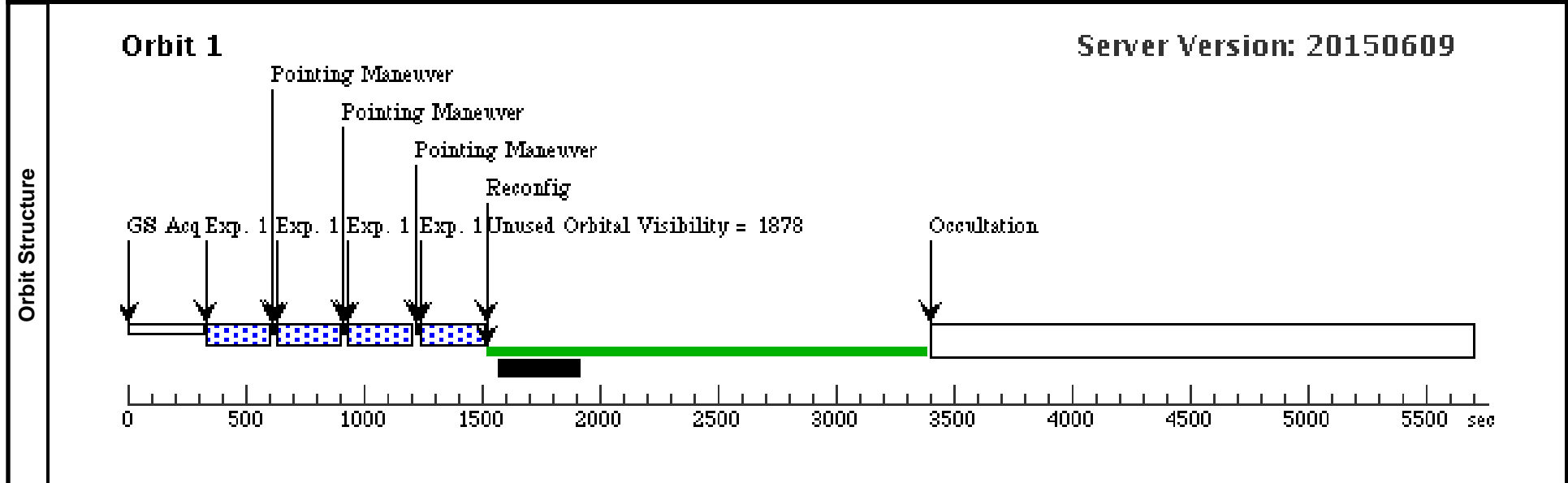
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Visit	Proposal 14251, Visit 05 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	SDSSJ074829.21+510052.4	RA: 07 48 29.1955 (117.1216479d) Dec: +51 00 52.29 (51.01452d) Equinox: J2000	Redshift: 0.019013142213	V=(?) SDSS i-band mag = 16.3	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) SDSSJ074829.21+510052.4	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 05 (1)	243.045901 Secs (972.184 Secs)	[1]

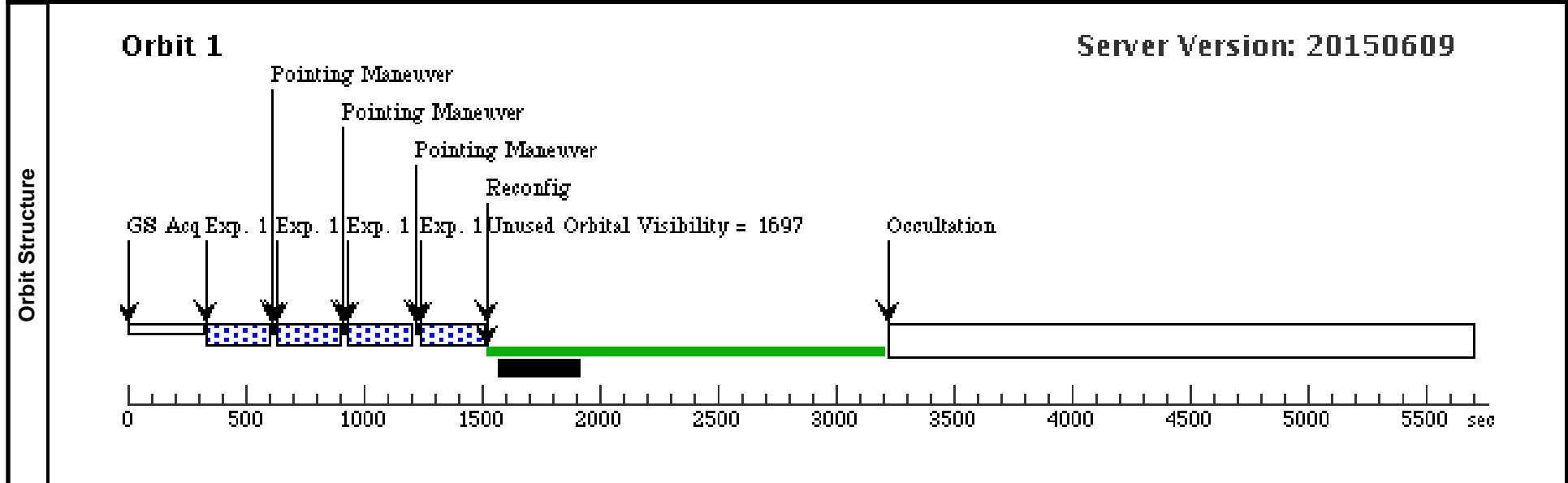


Visit	Proposal 14251, Visit 06		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	SDSSJ081145.29+232825.7	RA: 08 11 45.2998 (122.9387492d) Dec: +23 28 25.77 (23.47382d) Equinox: J2000	Redshift: 0.015734020621	V=(?) SDSS i-band mag = 15.8	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) SDSSJ081145.29+232825.7	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 i n Visit 06 (1)	243.045901 Secs (972.184 Secs)	[1]

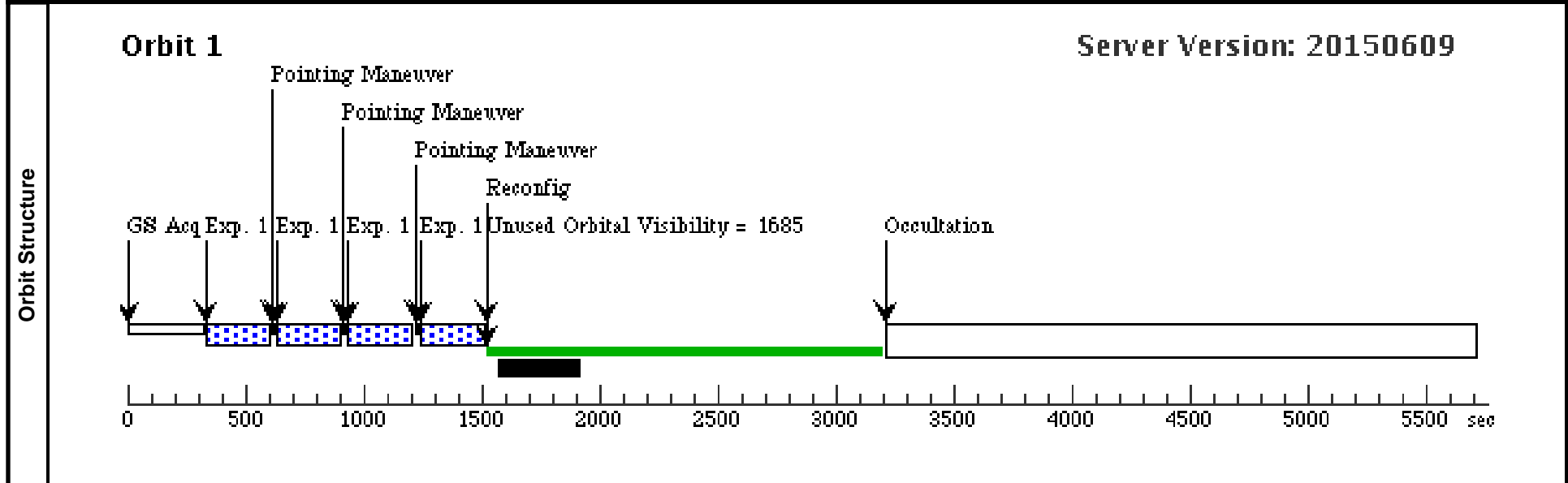


Visit	Proposal 14251, Visit 07 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	SDSSJ082334.84+031315.6	RA: 08 23 34.8474 (125.8951975d) Dec: +03 13 15.75 (3.22104d) Equinox: J2000	Redshift: 0.009771028534	V=(?) SDSS i-band mag = 15.2	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) SDSSJ082334.84+031315.6	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 07 (1)	243.045901 Secs (972.184 Secs)	[1]

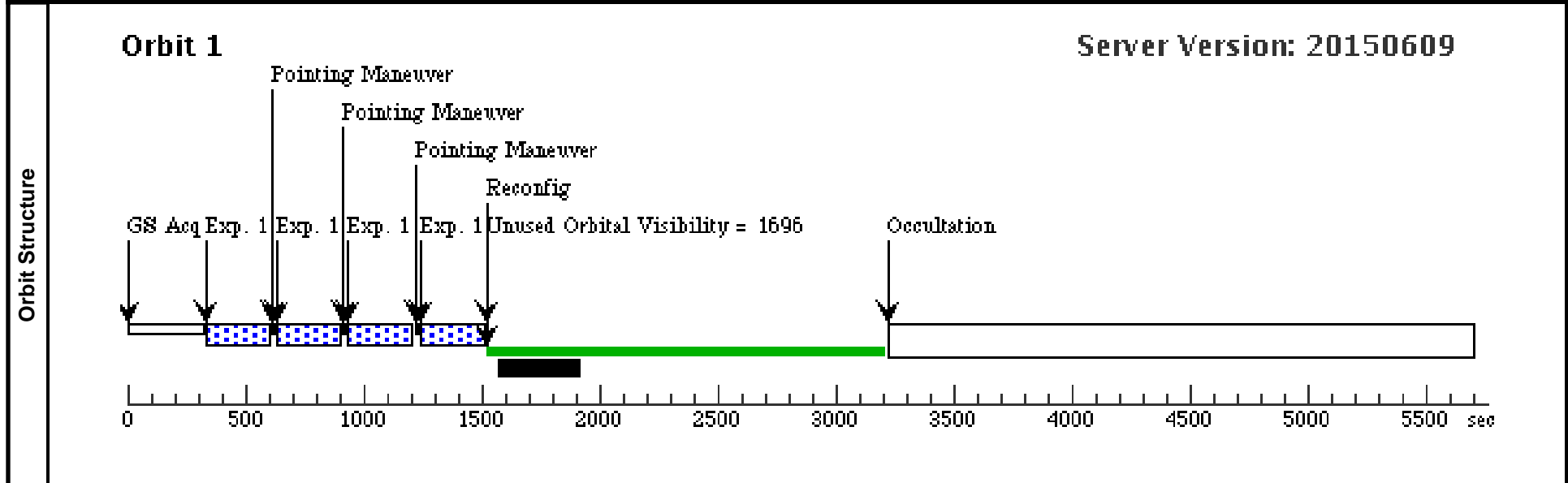


Visit	Proposal 14251, Visit 08		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	SDSSJ084025.54+181858.9	RA: 08 40 25.5445 (130.1064354d) Dec: +18 18 59.04 (18.31640d) Equinox: J2000	Redshift: 0.014985468239	V=(?) SDSS i-band mag = 15.7	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(8) SDSSJ084025.54+181858.9	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 i n Visit 08 (1)	243.045901 Secs (972.184 Secs)	[1]

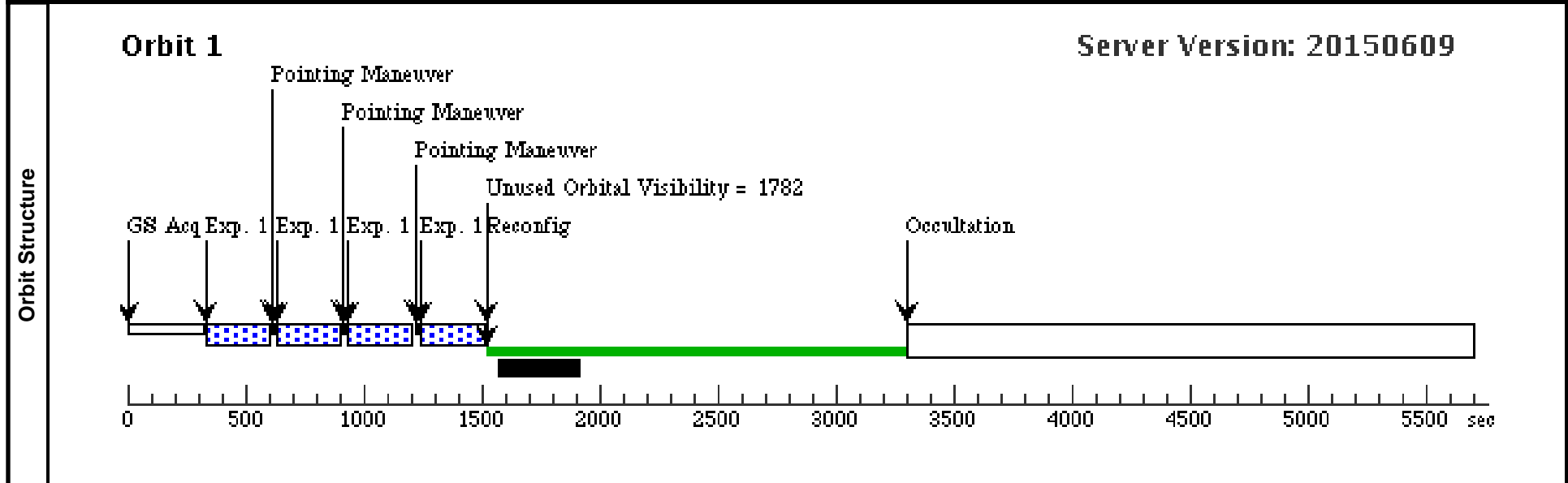


Visit	Proposal 14251, Visit 09		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

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
	(9)	SDSSJ084204.92+403934.5	RA: 08 42 4.9293 (130.5205388d) Dec: +40 39 34.48 (40.65958d) Equinox: J2000	Redshift: 0.029340358451	V=(?) SDSS i-band mag = 17.2	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) SDSSJ084204.92+403934.5	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 09 (1)	243.045901 Secs (972.184 Secs)	[1]
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	

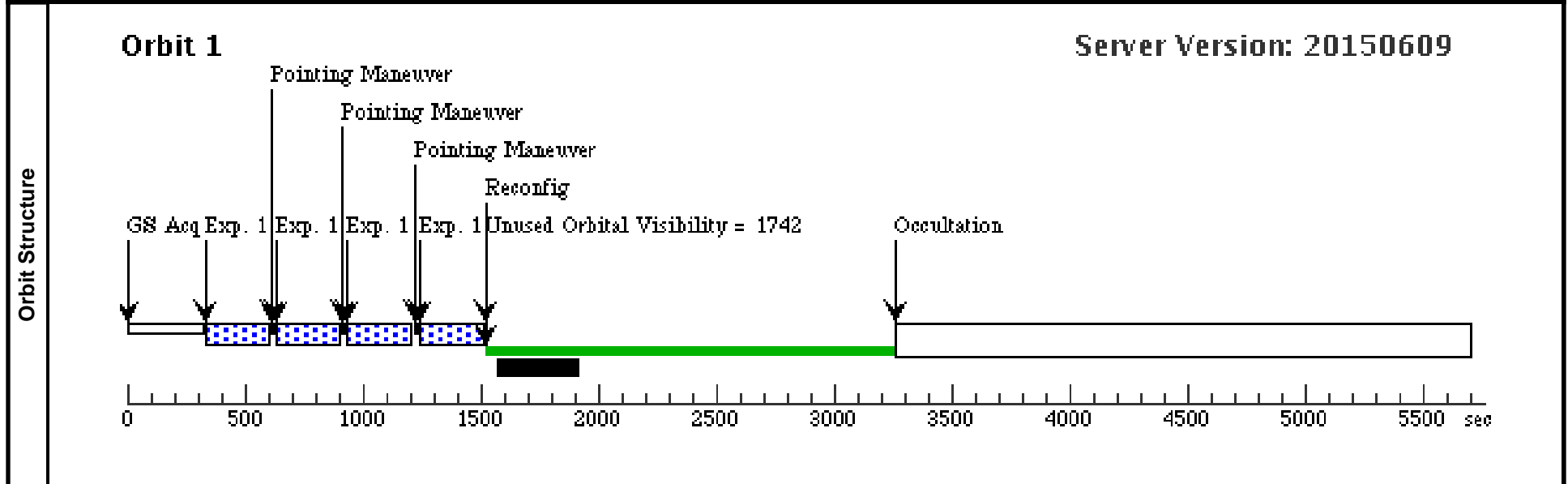


Visit	Proposal 14251, Visit 10		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

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
	(10)	SDSSJ085548.25+354502.0	RA: 08 55 48.2539 (133.9510579d) Dec: +35 45 1.86 (35.75052d) Equinox: J2000	Redshift: 0.052679020911	V=(?) SDSS i-band mag = 17.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) SDSSJ085548.25+354502.0	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 10 (1)	243.045901 Secs (972.184 Secs)	[1]
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	

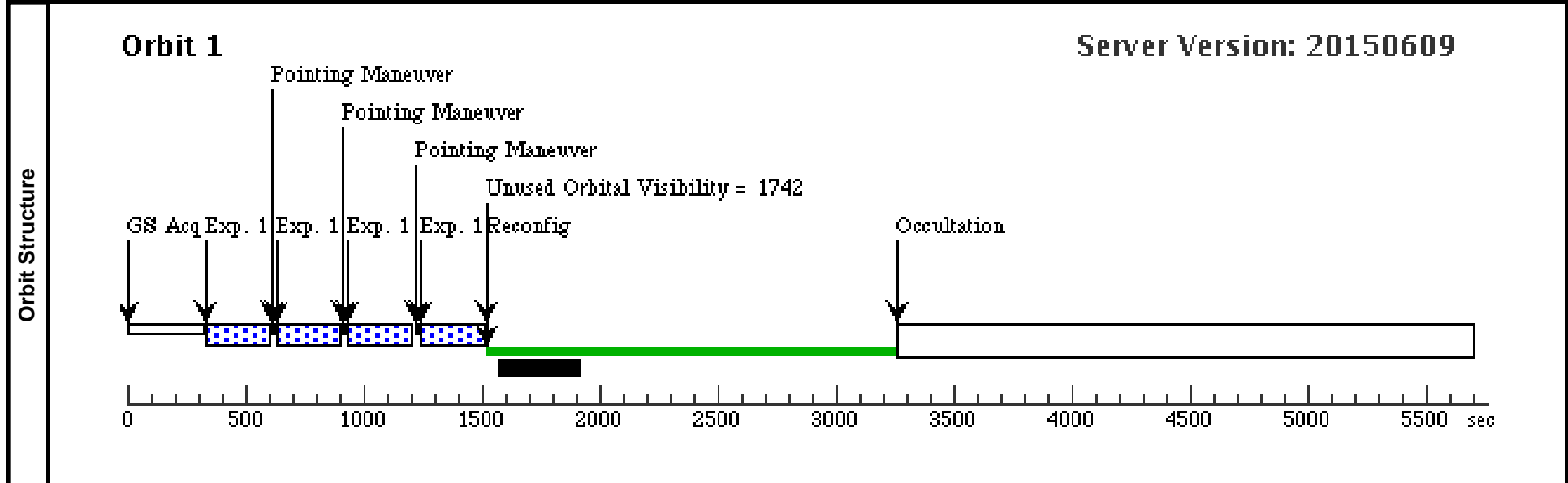


Visit	Proposal 14251, Visit 11		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	SDSSJ090737.05+352828.4	RA: 09 07 37.0574 (136.9044058d) Dec: +35 28 28.40 (35.47456d) Equinox: J2000	Redshift: 0.027610993013	V=(?) SDSS i-band mag = 16.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) SDSSJ090737.05+352828.4	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 11 (1)	243.045901 Secs (972.184 Secs)	[1]



Proposal 14251 - Visit 12 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

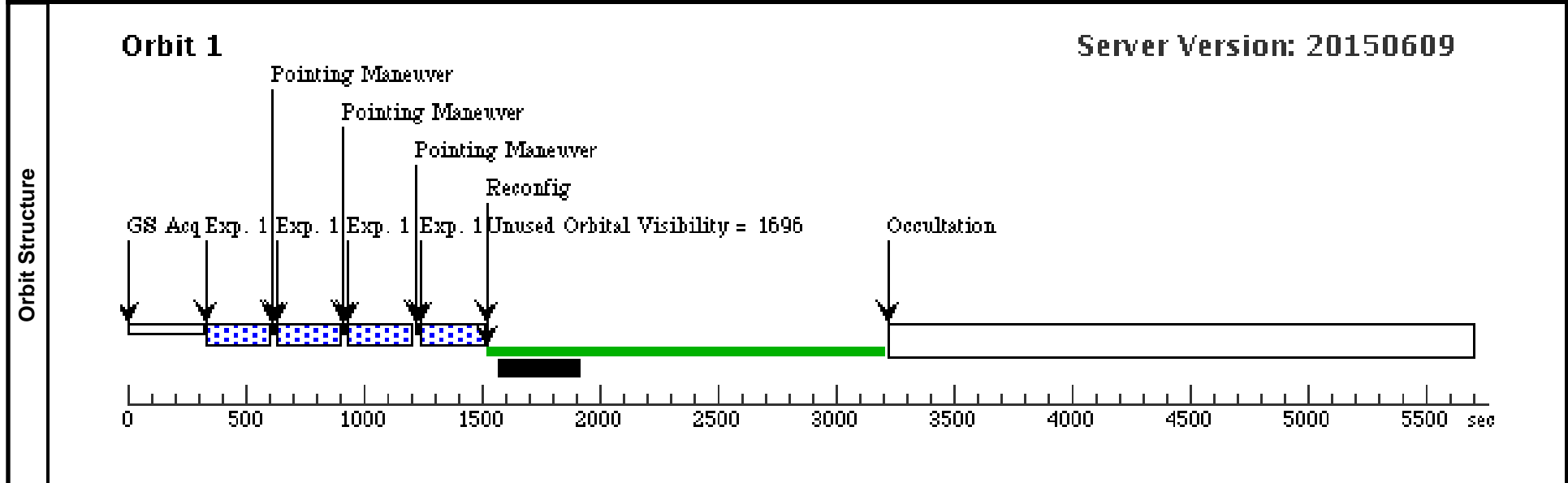
Sat Jul 18 01:46:18 GMT 2015

Visit	Proposal 14251, Visit 12 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	SDSSJ091720.88+191018.9	RA: 09 17 20.8858 (139.3370242d) Dec: +19 10 18.96 (19.17193d) Equinox: J2000	Redshift: 0.028530370444	V=(?) SDSS i-band mag = 17.0	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(12) SDSSJ091720.8+191018.9	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 12 (1)	243.045901 Secs (972.184 Secs)	[1]

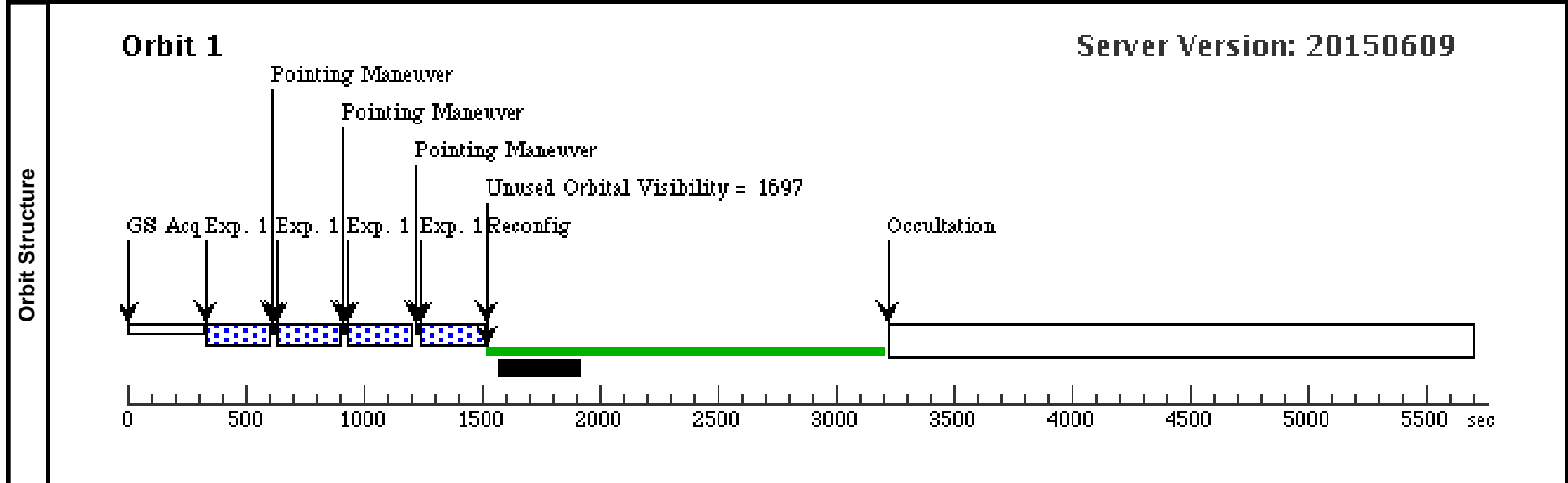


Visit	Proposal 14251, Visit 13		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(13)	SDSSJ092129.98+213139.3	RA: 09 21 29.9895 (140.3749562d) Dec: +21 31 39.39 (21.52761d) Equinox: J2000	Redshift: 0.031259249896	V=(?) SDSS i-band mag = 16.8	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(13) SDSSJ092129.98+213139.3	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15			Pattern 1, Exps 1-1 in Visit 13 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]



Proposal 14251 - Visit 14 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

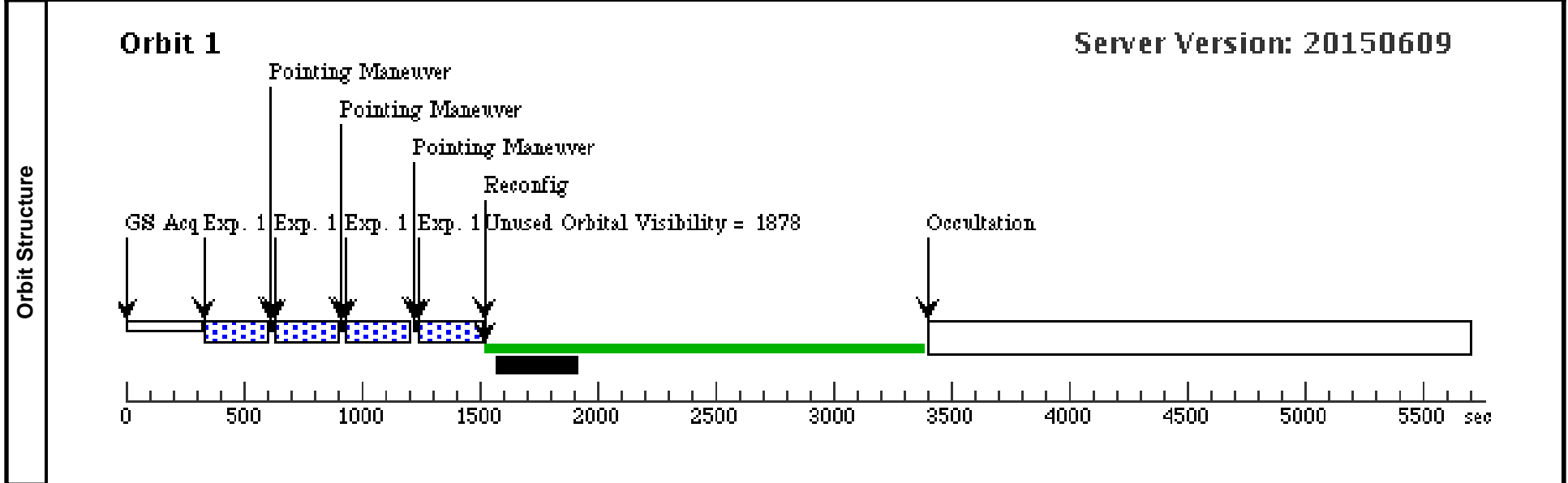
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Visit	Proposal 14251, Visit 14 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	SDSSJ093239.45+511542.9	RA: 09 32 39.4637 (143.1644321d) Dec: +51 15 42.91 (51.26192d) Equinox: J2000	Redshift: 0.047270100564	V=(?) SDSS i-band mag = 17.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(14) SDSSJ093239.45+511542.9	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 in Visit 14 (1)	243.045901 Secs (972.184 Secs)	[1]



Proposal 14251 - Visit 15 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

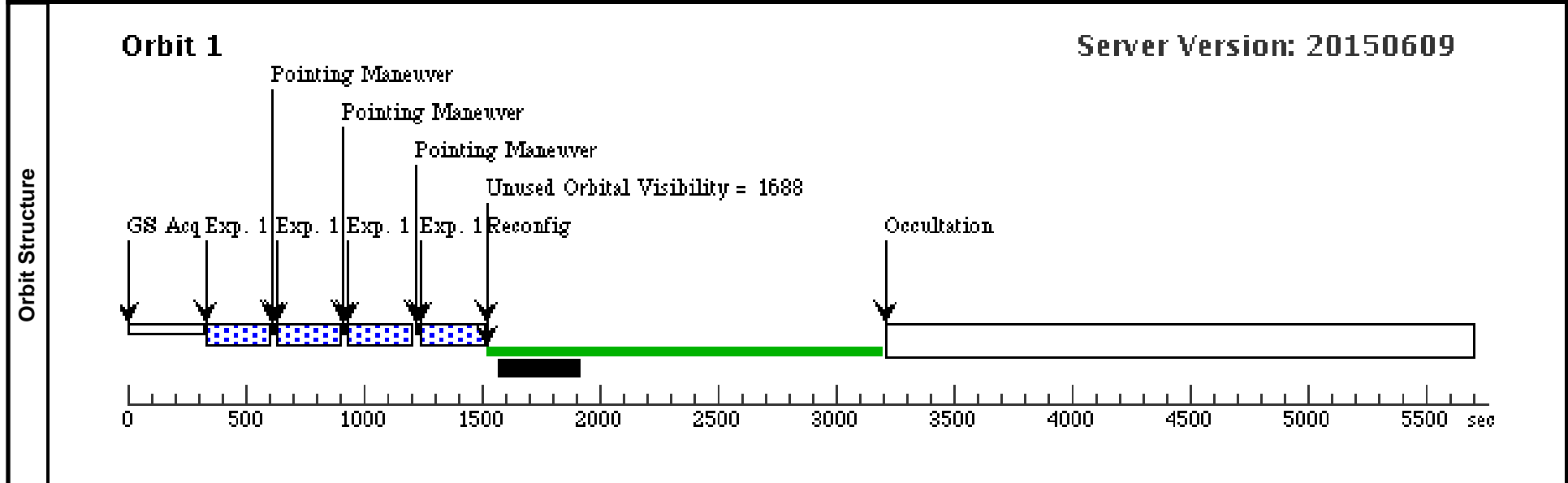
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Visit	Proposal 14251, Visit 15		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	SDSSJ093821.54+063130.8	RA: 09 38 21.5472 (144.5897800d) Dec: +06 31 30.87 (6.52524d) Equinox: J2000	Redshift: 0.022355500609	V=(?) SDSS i-band mag = 16.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(15) SDSSJ093821.54+063130.8	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 i n Visit 15 (1)	243.045901 Secs (972.184 Secs)	[1]



Proposal 14251 - Visit 16 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

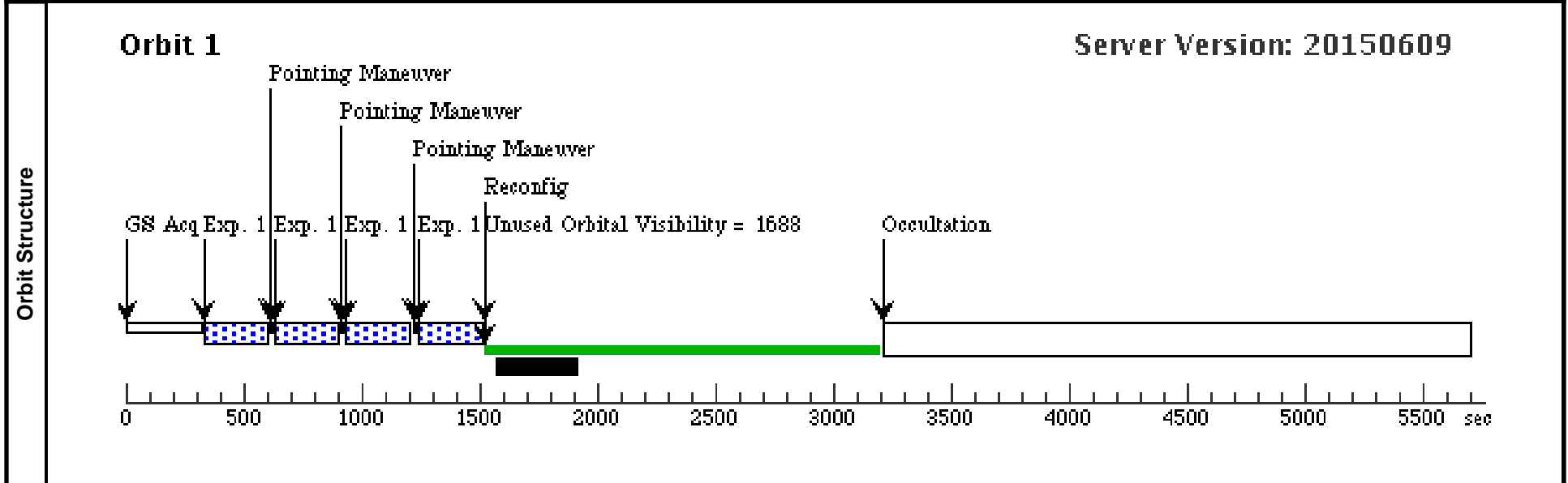
Sat Jul 18 01:46:18 GMT 2015

Visit	Proposal 14251, Visit 16		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	SDSSJ094705.72+050159.8	RA: 09 47 5.7180 (146.7738250d) Dec: +05 01 59.91 (5.03331d) Equinox: J2000	Redshift: 0.024203151464	V=(?) SDSS i-band mag = 16.6	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(16) SDSSJ094705.72+050159.8	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 16 (1)	243.045901 Secs (972.184 Secs)	[1]

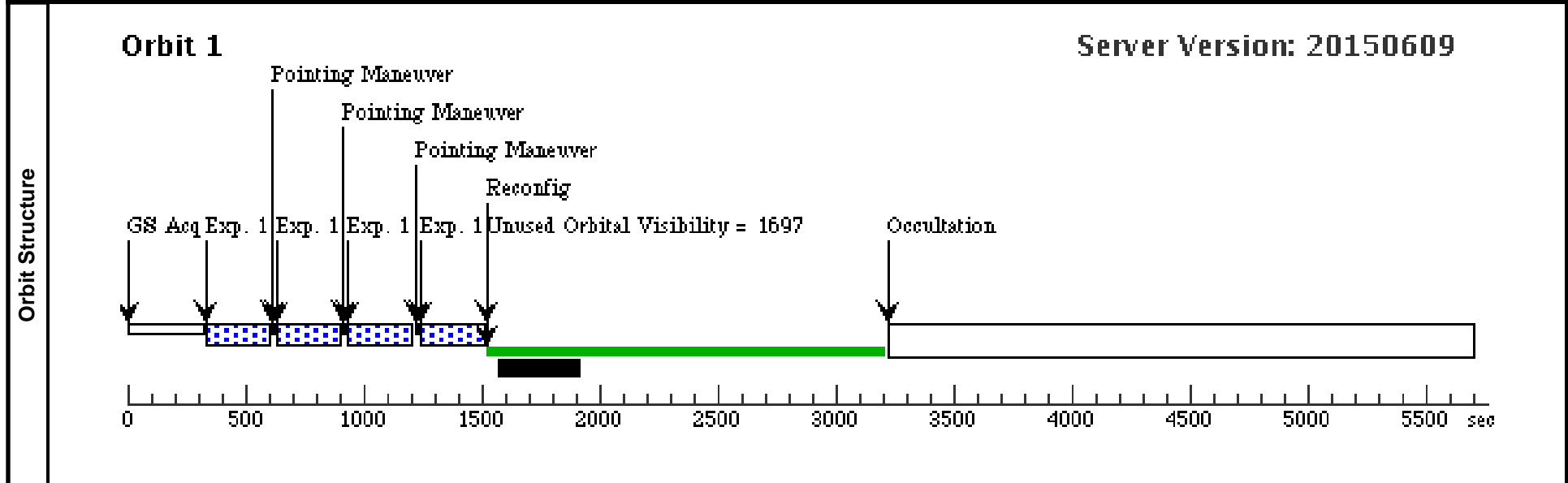


Visit	Proposal 14251, Visit 17			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: (none)			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	SDSSJ100423.33+23132.34	RA: 10 04 23.3377 (151.0972404d) Dec: +23 13 23.37 (23.22316d) Equinox: J2000	Redshift: 0.026589529589	V=(?) SDSS i-band mag = 16.9	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(17) SDSSJ100423.3+231323.4	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15			Pattern 1, Exps 1-1 in Visit 17 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

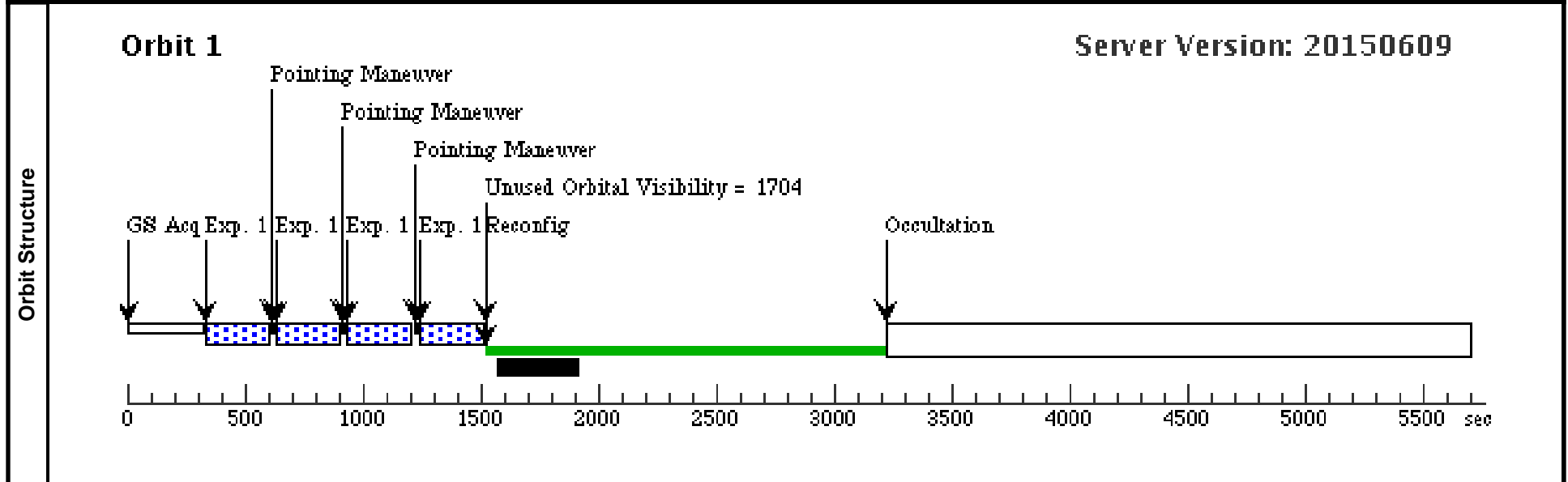


Visit	Proposal 14251, Visit 18		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	SDSSJ100935.66+265648.9	RA: 10 09 35.6687 (152.3986196d) Dec: +26 56 49.02 (26.94695d) Equinox: J2000	Redshift: 0.014356357977	V=(?) SDSS i-band mag = 16.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) SDSSJ100935.66+265648.9	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 18 (1)	243.045901 Secs (972.184 Secs)	[1]



Proposal 14251 - Visit 19 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

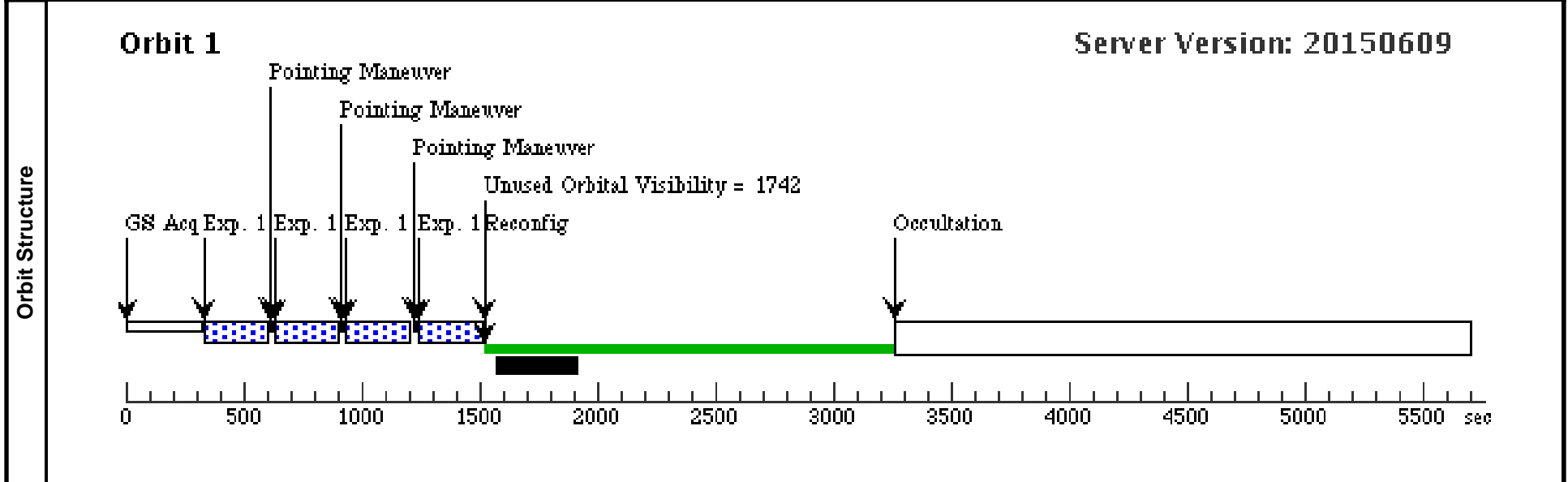
Sat Jul 18 01:46:18 GMT 2015

Visit	Proposal 14251, Visit 19		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(19)	SDSSJ101747.09+393207.7	RA: 10 17 47.0982 (154.4462425d) Dec: +39 32 7.82 (39.53551d) Equinox: J2000	Redshift: 0.054024491459	V=(?) SDSS i-band mag = 17.5	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(19) SDSSJ101747.09+393207.7	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 19 (1)	243.045901 Secs (972.184 Secs)	[1]

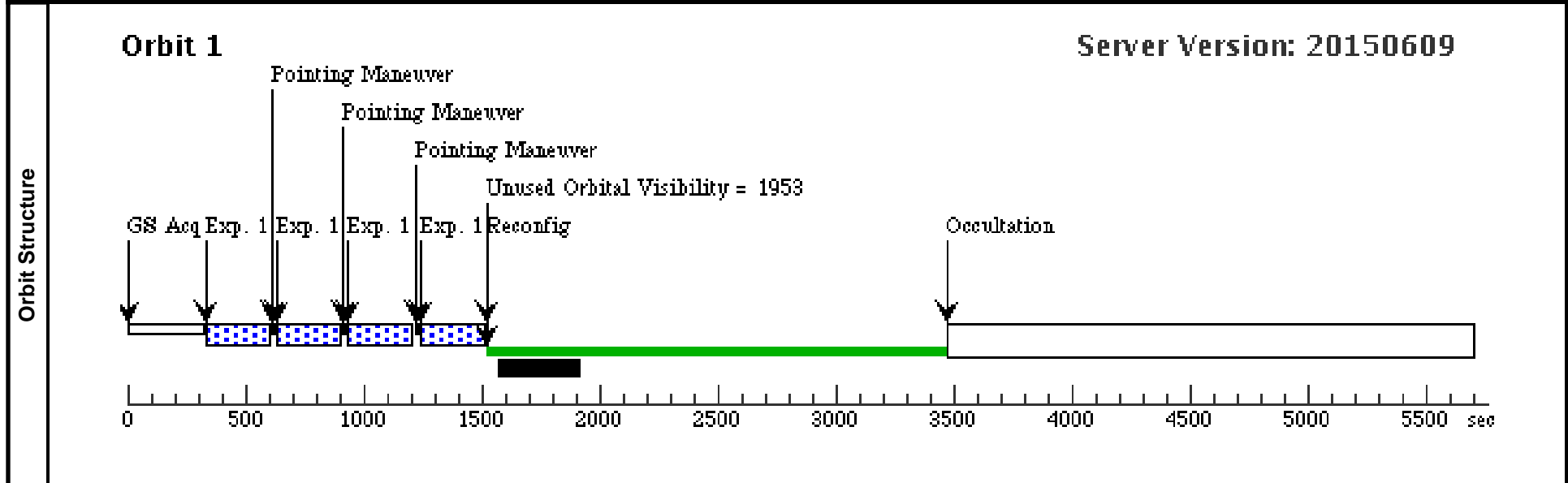


Visit	Proposal 14251, Visit 20		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	SDSSJ102149.12+635206.8	RA: 10 21 49.1548 (155.4548117d) Dec: +63 52 6.76 (63.86854d) Equinox: J2000	Redshift: 0.021086120978	V=(?) SDSS i-band mag = 17.0	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) SDSSJ102149.12+635206.8	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 i n Visit 20 (1)	243.045901 Secs (972.184 Secs)	[1]

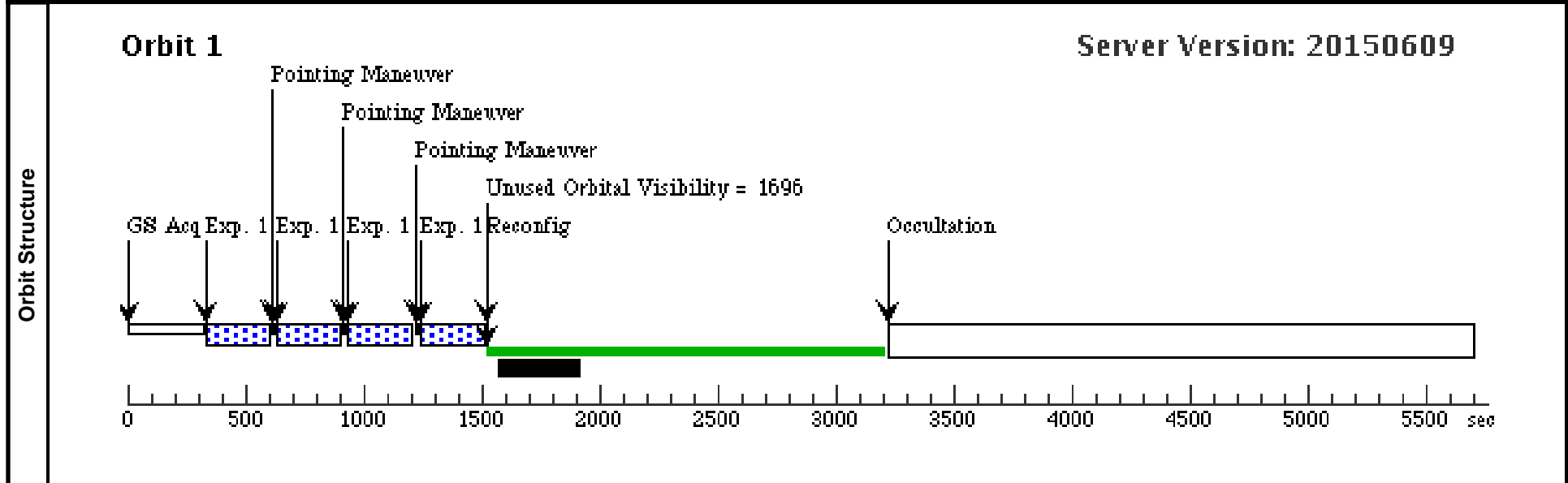


Visit	Proposal 14251, Visit 21 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(21)	SDSSJ102833.33+184513.9	RA: 10 28 33.3342 (157.1388925d) Dec: +18 45 14.02 (18.75389d) Equinox: J2000	Redshift: 0.027378272265	V=(?) SDSS i-band mag = 16.5	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(21) SDSSJ102833.3+184513.9	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 21 (1)	243.045901 Secs (972.184 Secs)	[1]
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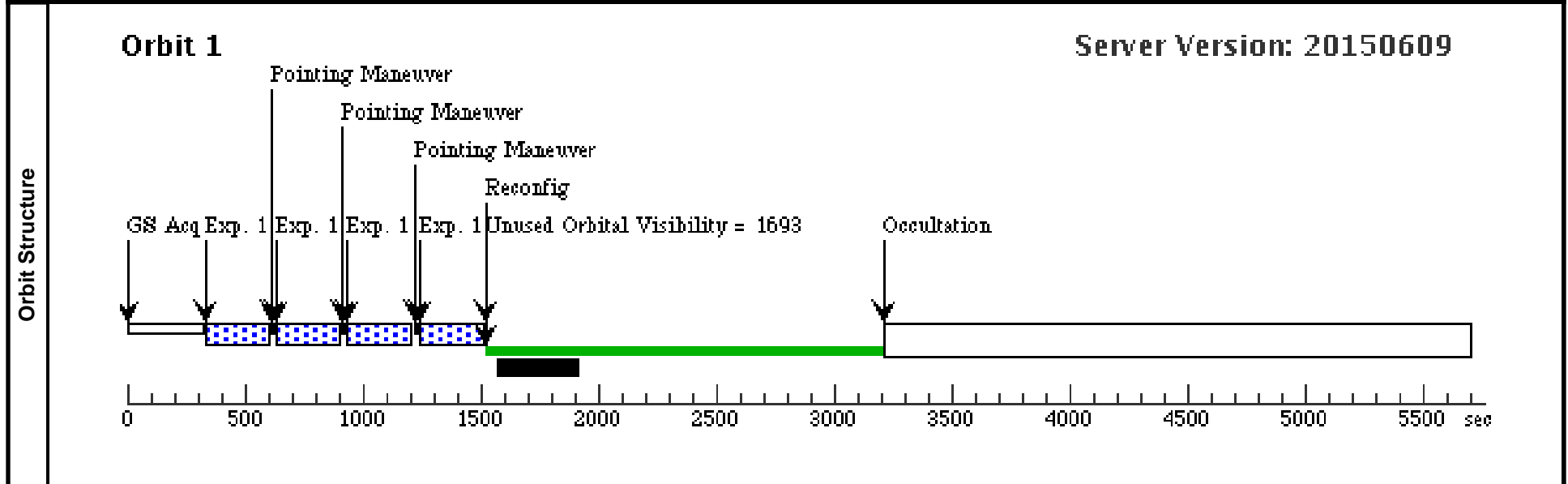


Visit	Proposal 14251, Visit 22 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(22)	SDSSJ110219.75+123107.1	RA: 11 02 19.7574 (165.5823225d) Dec: +12 31 7.10 (12.51864d) Equinox: J2000	Redshift: 0.027038289234	V=(?) SDSS i-band mag = 16.5	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(22) SDSSJ110219.75+123107.1	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 22 (1)	243.045901 Secs (972.184 Secs)	[1]



Proposal 14251 - Visit 23 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

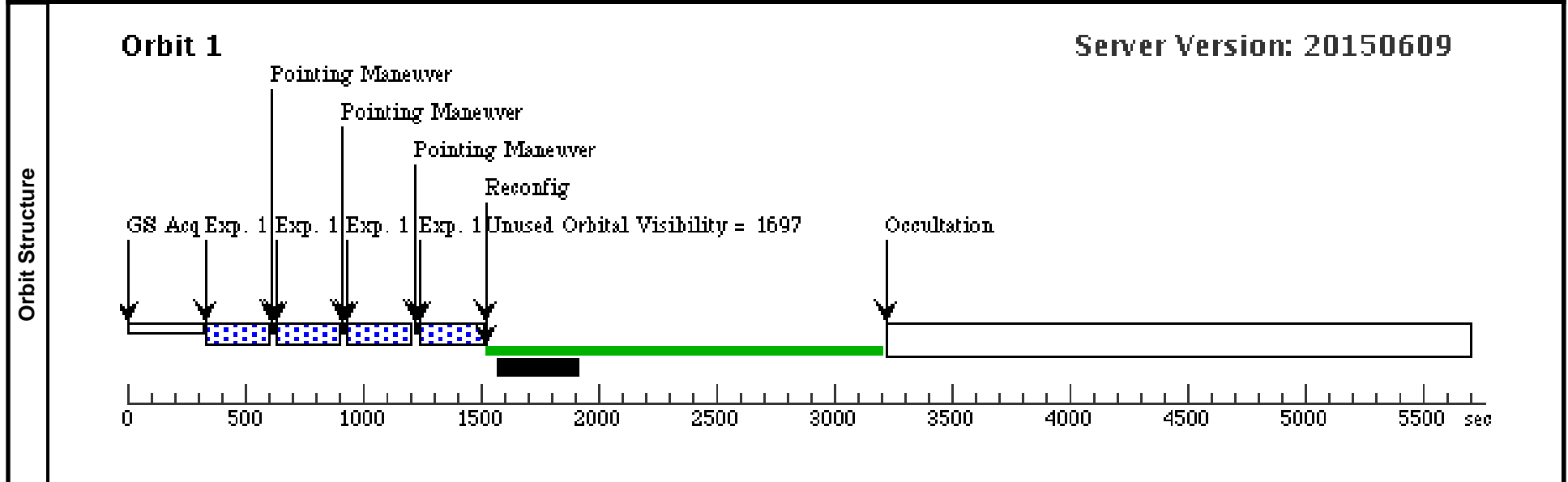
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Visit	Proposal 14251, Visit 23 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(23)	SDSSJ110503.96+224123.4	RA: 11 05 3.9677 (166.2665321d) Dec: +22 41 23.43 (22.68984d) Equinox: J2000	Redshift: 0.024646831676	V=(?) SDSS i-band mag = 17.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(23) SDSSJ110503.96+224123.4	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 23 (1)	243.045901 Secs (972.184 Secs)	[1]

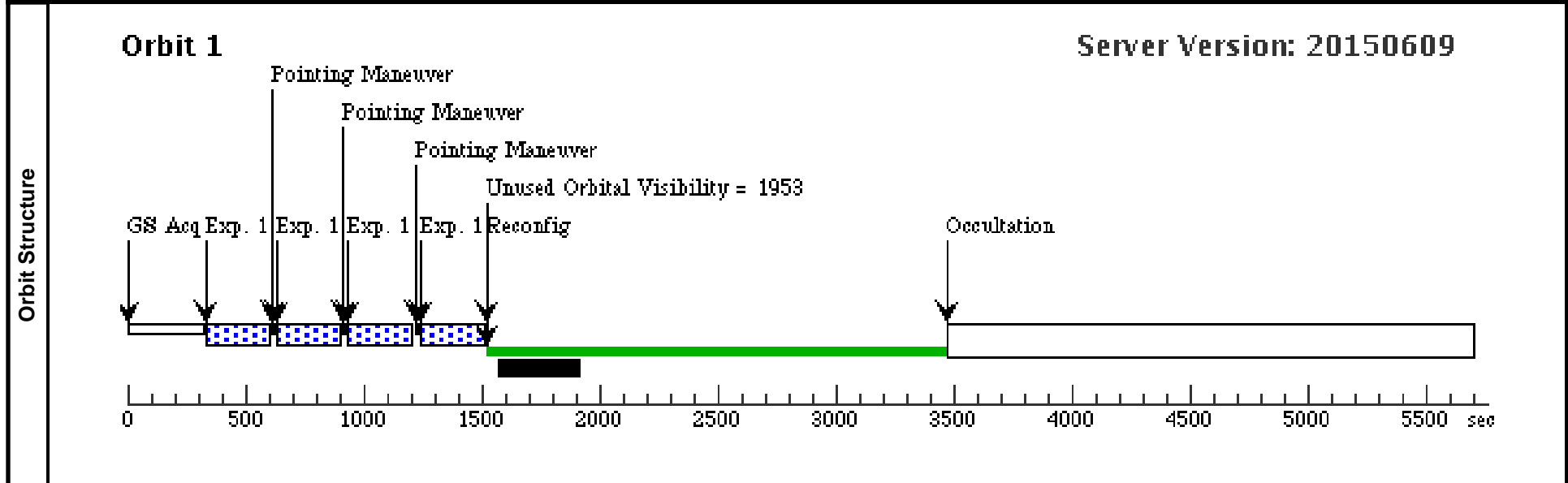


Visit	Proposal 14251, Visit 24 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(24)	SDSSJ110912.37+612347.0	RA: 11 09 12.3978 (167.3016575d) Dec: +61 23 47.07 (61.39641d) Equinox: J2000	Redshift: 0.006750923581	V=(?) SDSS i-band mag = 14.7	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(24) SDSSJ110912.37+612347.0	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 24 (1)	243.045901 Secs (972.184 Secs)	[1]

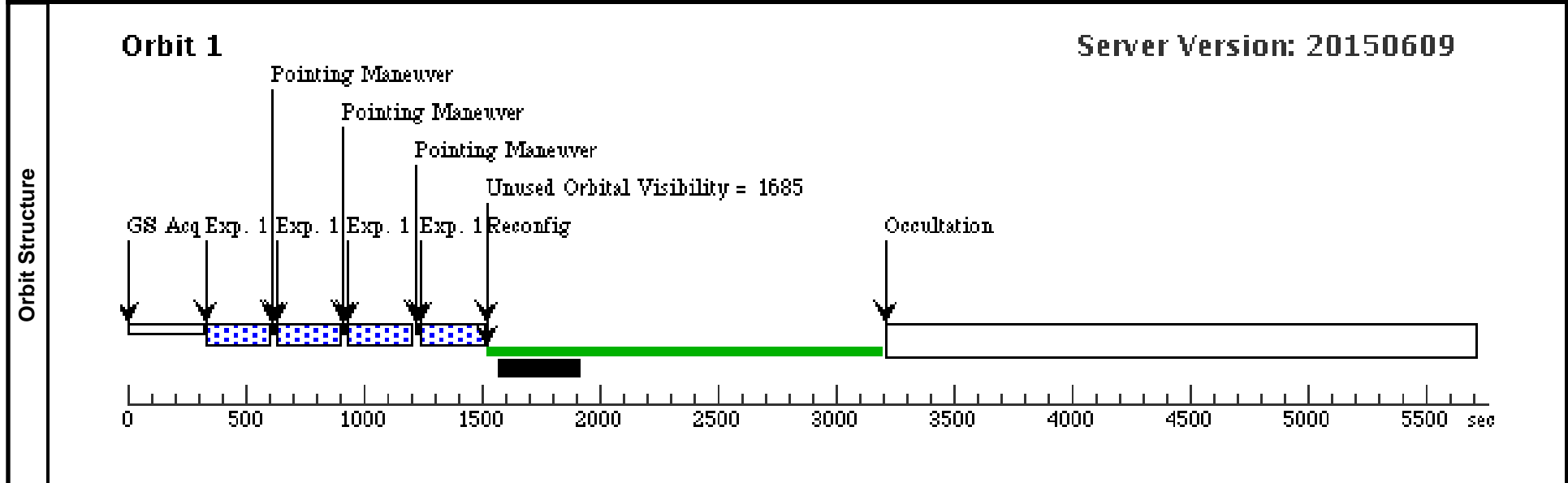


Visit	Proposal 14251, Visit 25		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(25)	SDSSJ111319.23+044425.1	RA: 11 13 19.2388 (168.3301617d) Dec: +04 44 25.23 (4.74034d) Equinox: J2000	Redshift: 0.026459805667	V=(?) SDSS i-band mag = 16.6	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(25) SDSSJ111319.23+044425.1	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15			Pattern 1, Exps 1-1 in Visit 25 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

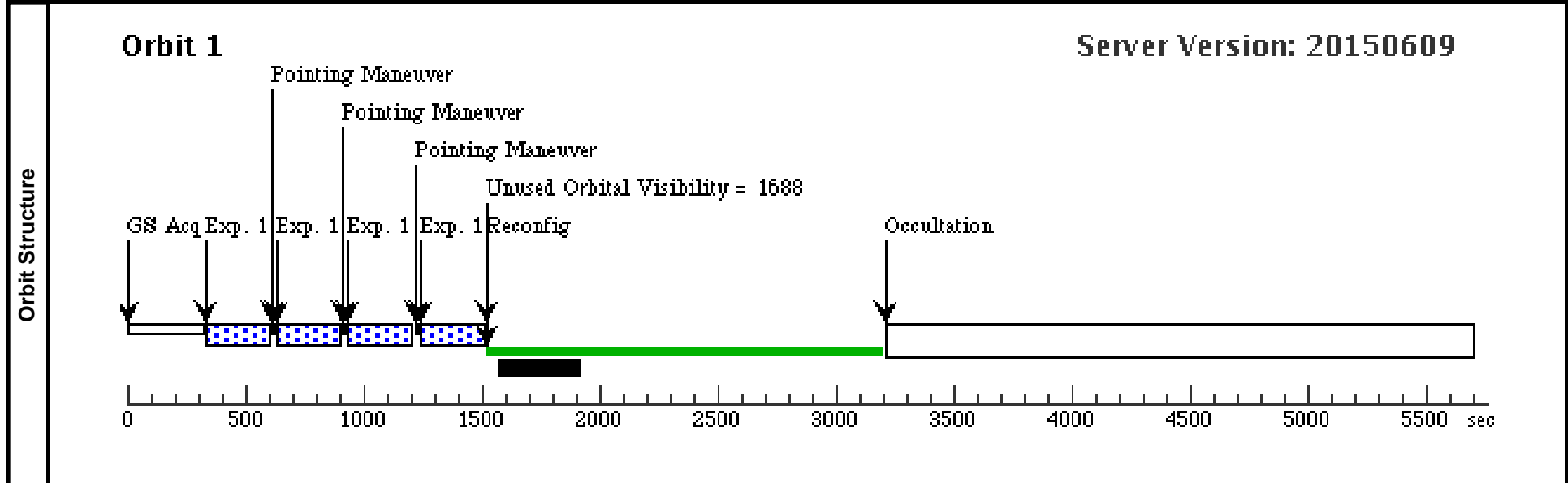


Visit	Proposal 14251, Visit 26		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(26)	SDSSJ112631.77+095515.4	RA: 11 26 31.7838 (171.6324325d) Dec: +09 55 15.59 (9.92100d) Equinox: J2000	Redshift: 0.03133311227	V=(?) SDSS i-band mag = 16.4	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(26) SDSSJ112631.77+095515.4	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15			Pattern 1, Exps 1-1 in Visit 26 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

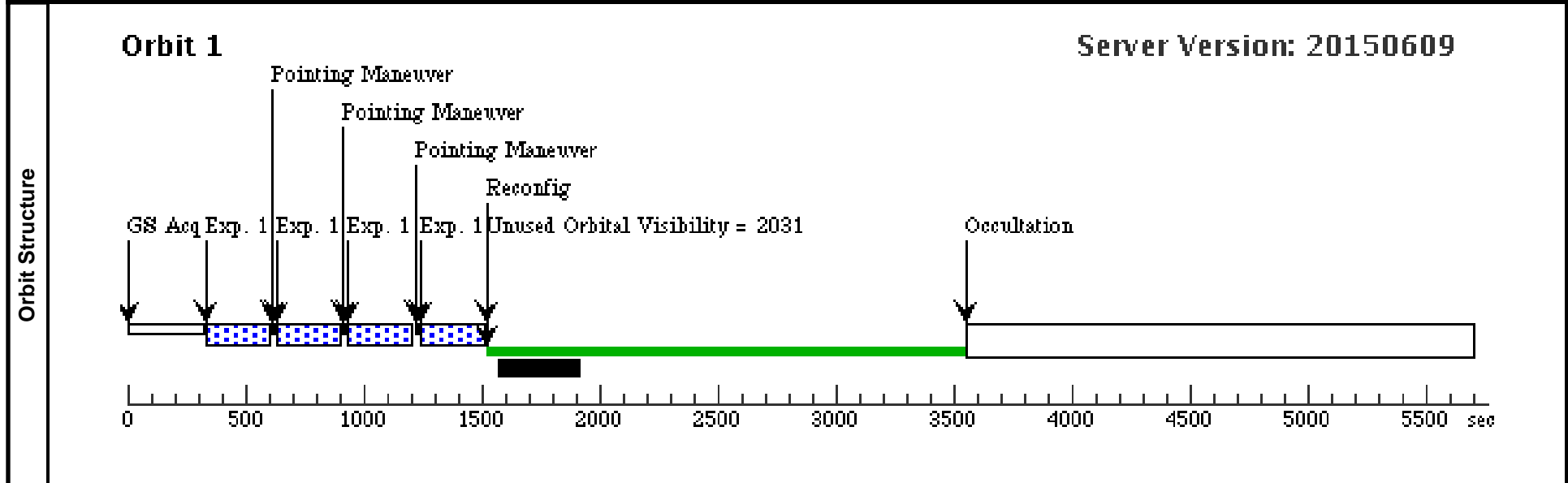


Visit	Proposal 14251, Visit 27			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: (none)			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(27)	SDSSJ112957.62+653804.8	RA: 11 29 57.6371 (172.4901546d) Dec: +65 38 4.97 (65.63471d) Equinox: J2000	Redshift: 0.043926917017	V=(?) SDSS i-band mag = 17.4	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(27) SDSSJ112957.62+653804.8	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15			Pattern 1, Exps 1-1 in Visit 27 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

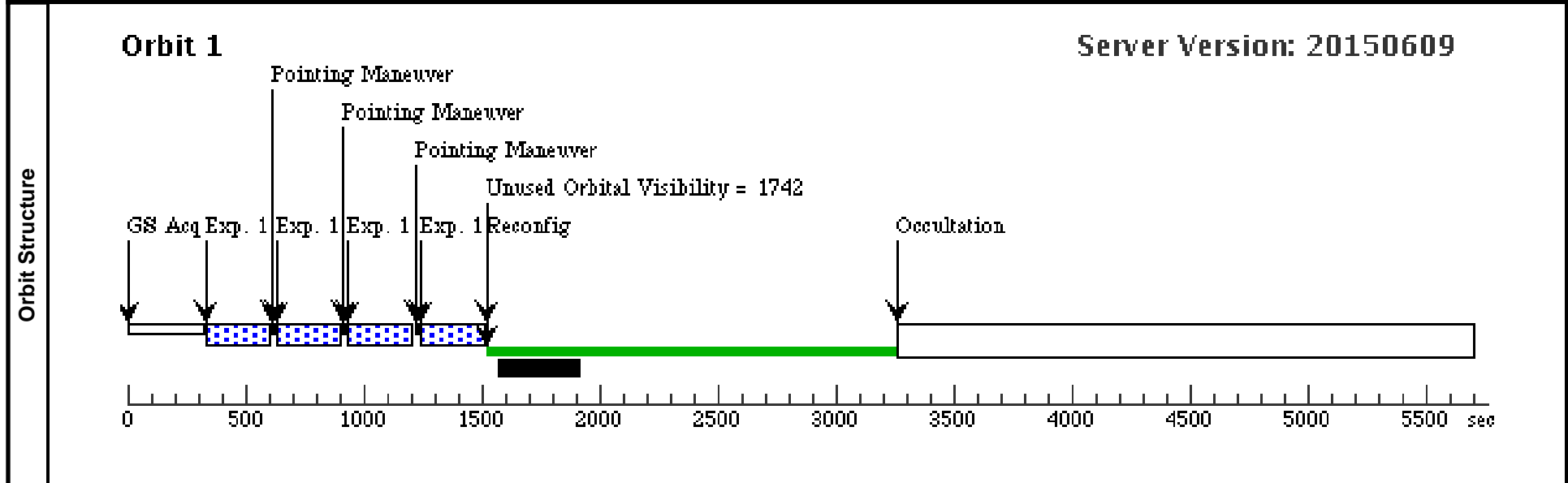


Visit	Proposal 14251, Visit 28		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(28)	SDSSJ113129.20+350958.9	RA: 11 31 29.2051 (172.8716879d) Dec: +35 09 59.01 (35.16639d) Equinox: J2000	Redshift: 0.033686805516	V=(?) SDSS i-band mag = 17.6	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(28) SDSSJ113129.20+350958.9	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 28 (1)	243.045901 Secs (972.184 Secs)	[1]



Proposal 14251 - Visit 29 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

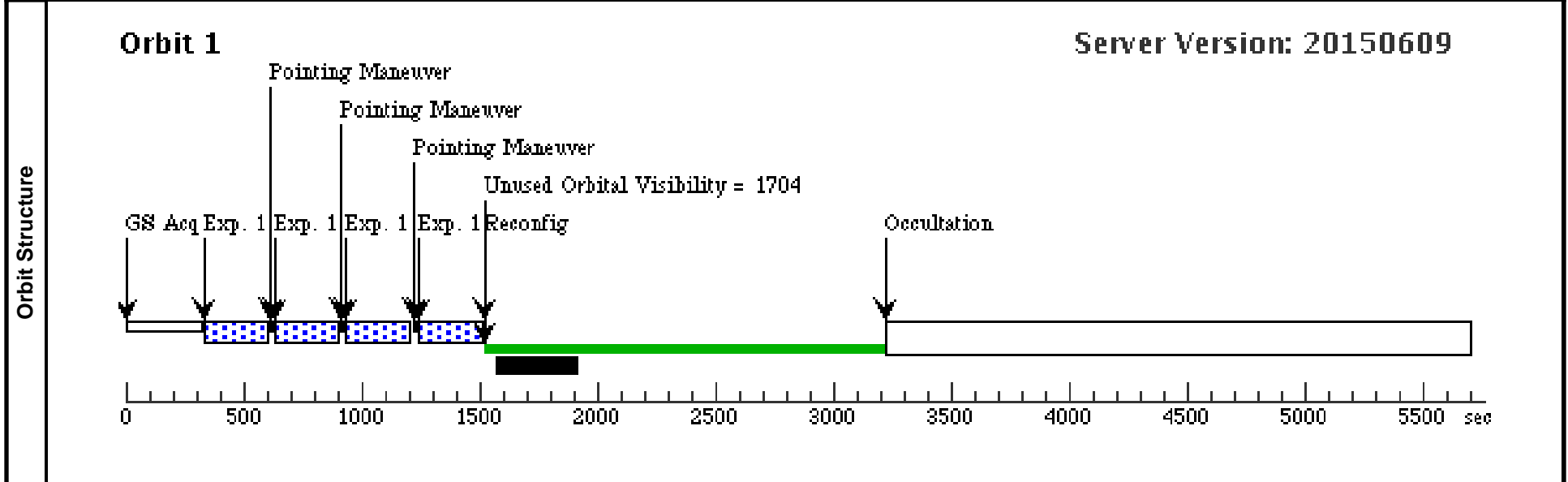
Sat Jul 18 01:46:19 GMT 2015

Visit	Proposal 14251, Visit 29		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(29)	SDSSJ114302.40+260818.9	RA: 11 43 2.4162 (175.7600675d) Dec: +26 08 18.99 (26.13861d) Equinox: J2000	Redshift: 0.022967480123	V=(?) SDSS i-band mag = 16.5	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(29) SDSSJ114302.40+260818.9	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 29 (1)	243.045901 Secs (972.184 Secs)	[1]



Proposal 14251 - Visit 30 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

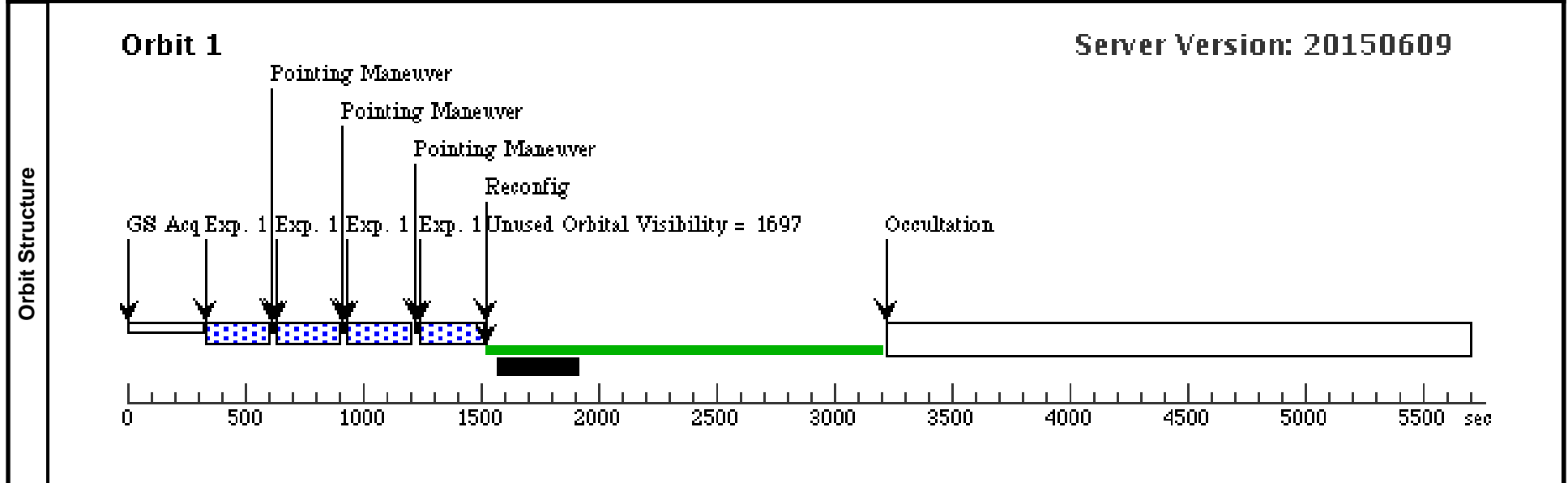
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Visit	Proposal 14251, Visit 30		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(30)	SDSSJ114359.58+244251.7	RA: 11 43 59.5952 (175.9983133d) Dec: +24 42 51.82 (24.71439d) Equinox: J2000	Redshift: 0.050143375993	V=(?) SDSS i-band mag = 17.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(30) SDSSJ114359.58+244251.7	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 i n Visit 30 (1)	243.045901 Secs (972.184 Secs)	[1]



Proposal 14251 - Visit 31 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

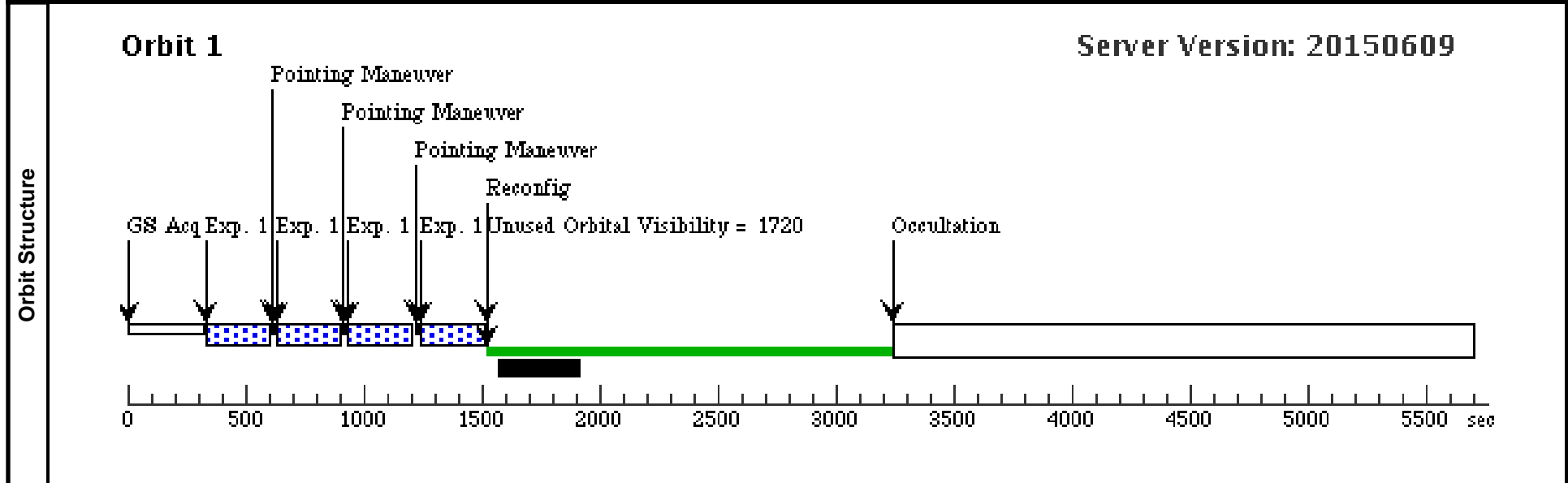
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Visit	Proposal 14251, Visit 31		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(31)	SDSSJ114418.83+334007.4	RA: 11 44 18.8445 (176.0785188d) Dec: +33 40 7.43 (33.66873d) Equinox: J2000	Redshift: 0.032540142536	V=(?) SDSS i-band mag = 17.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(31) SDSSJ114418.83+334007.4	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15			Pattern 1, Exps 1-1 in Visit 31 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 14251 - Visit 32 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

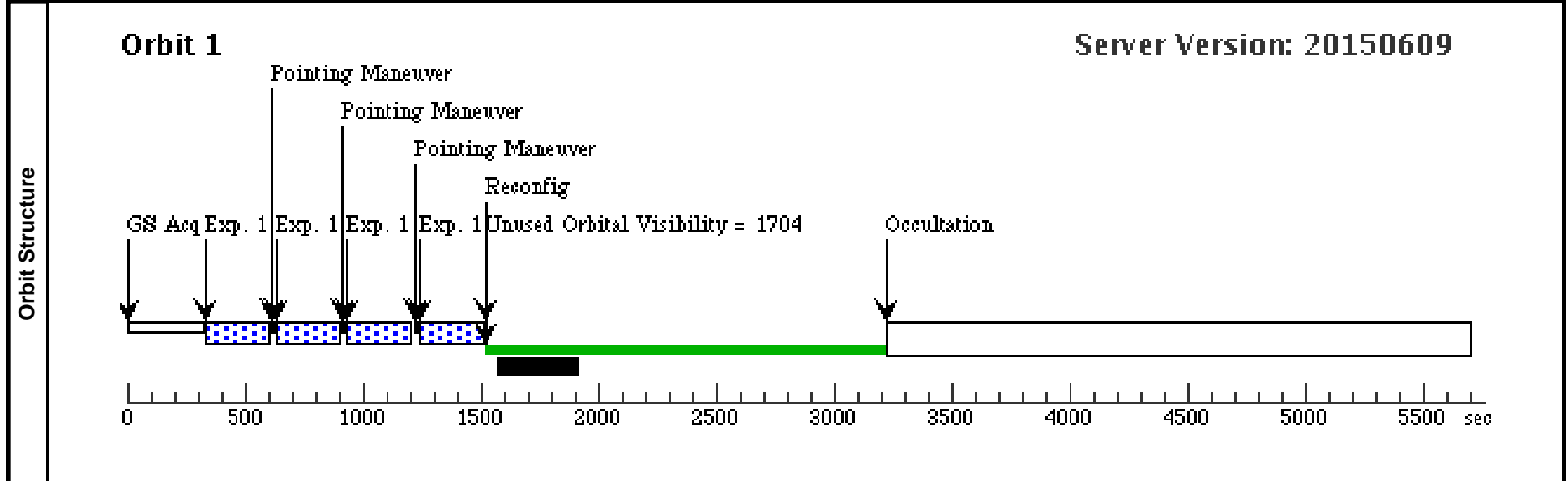
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Visit	Proposal 14251, Visit 32 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(32)	SDSSJ114800.65+274946.1	RA: 11 48 0.6574 (177.0027392d) Dec: +27 49 46.25 (27.82951d) Equinox: J2000	Redshift: 0.029308179393	V=(?) SDSS i-band mag = 17.2	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(32) SDSSJ114800.65+274946.1	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 32 (1)	243.045901 Secs (972.184 Secs)	[1]

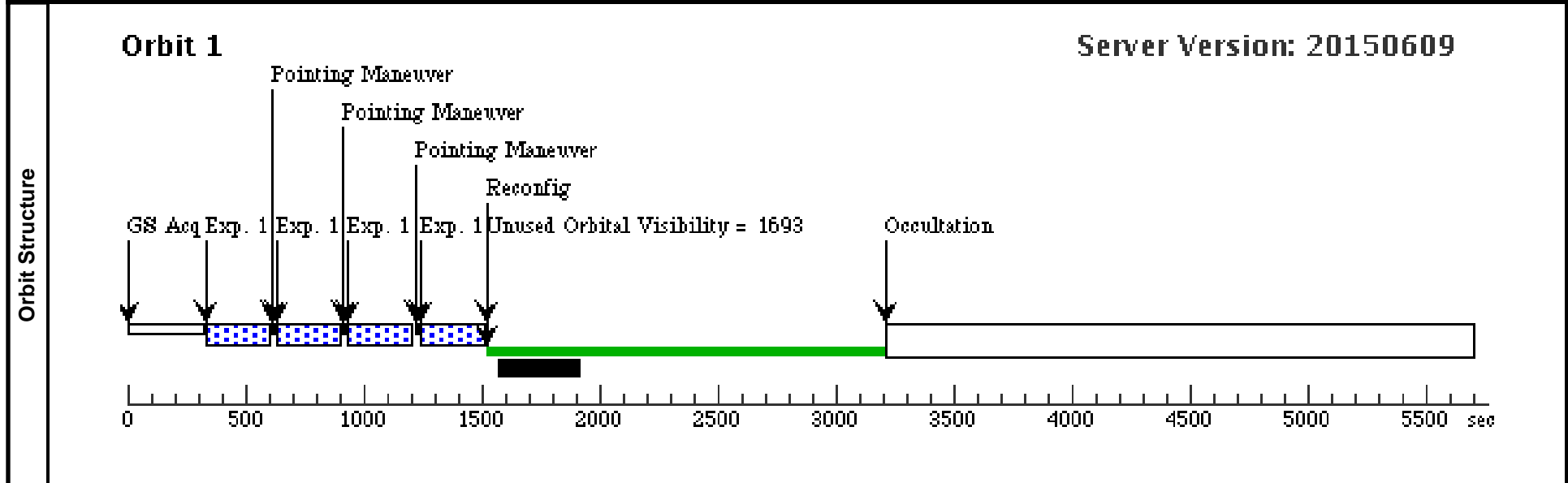


Visit	Proposal 14251, Visit 33		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

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
	(33)	SDSSJ115359.06+130853.6	RA: 11 53 59.0697 (178.4961237d) Dec: +13 08 53.64 (13.14823d) Equinox: J2000	Redshift: 0.022606015205	V=(?) SDSS i-band mag = 16.4	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(33) SDSSJ115359.06+130853.6	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 33 (1)	243.045901 Secs (972.184 Secs)	[1]
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	

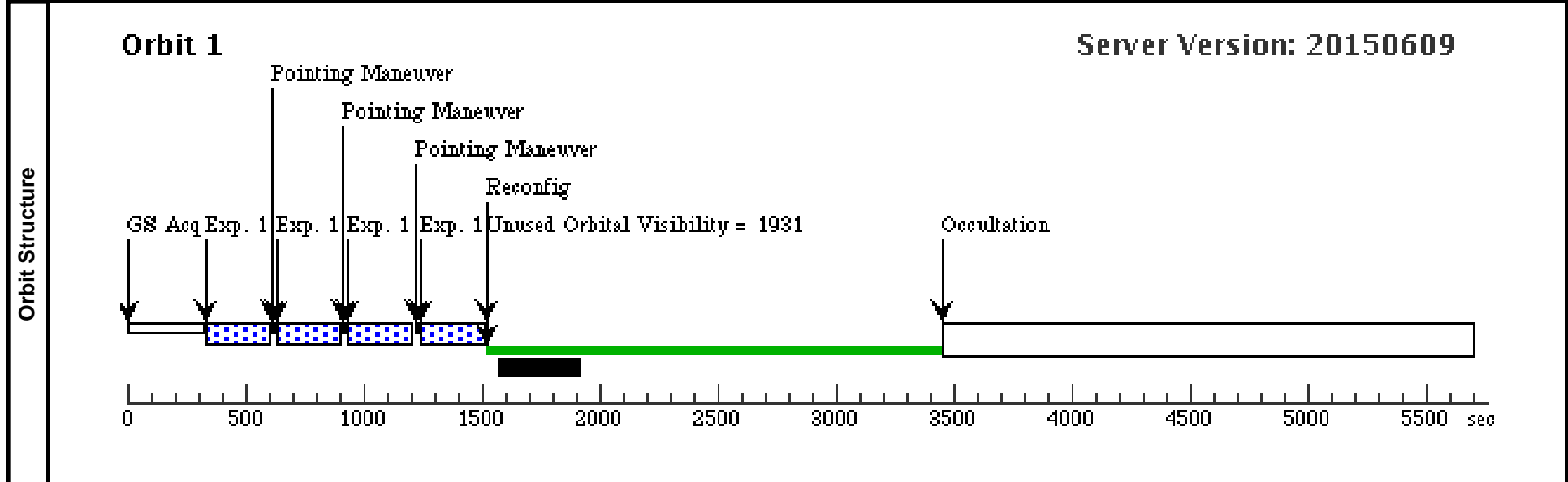


Visit	Proposal 14251, Visit 34		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(34)	SDSSJ115812.53+57532.1	RA: 11 58 12.5384 (179.5522433d) Dec: +57 53 22.18 (57.88949d) Equinox: J2000	Redshift: 0.04149056226	V=(?) SDSS i-band mag = 17.5	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(34) SDSSJ115812.53+575322.1	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 i n Visit 34 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]

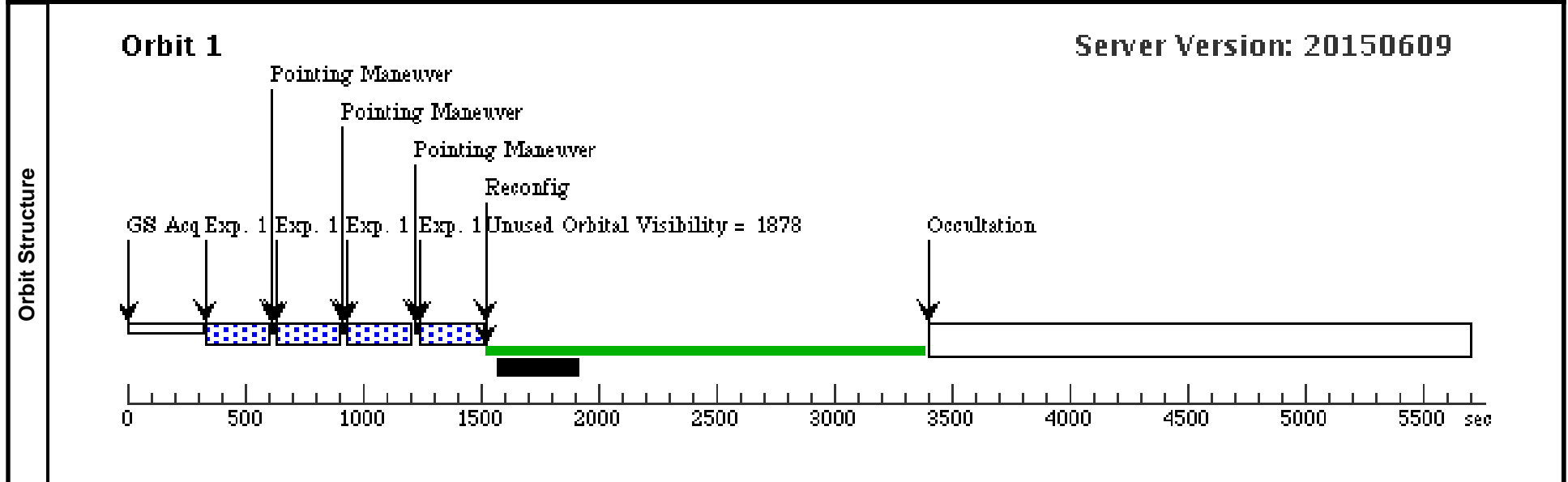


Visit	Proposal 14251, Visit 35			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: (none)			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(35)	SDSSJ115922.33+511809.2	RA: 11 59 22.3346 (179.8430608d) Dec: +51 18 9.28 (51.30258d) Equinox: J2000	Redshift: 0.02966616489	V=(?) SDSS i-band mag = 17.3	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(35) SDSSJ115922.3+511809.2	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15			Pattern 1, Exps 1-1 in Visit 35 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

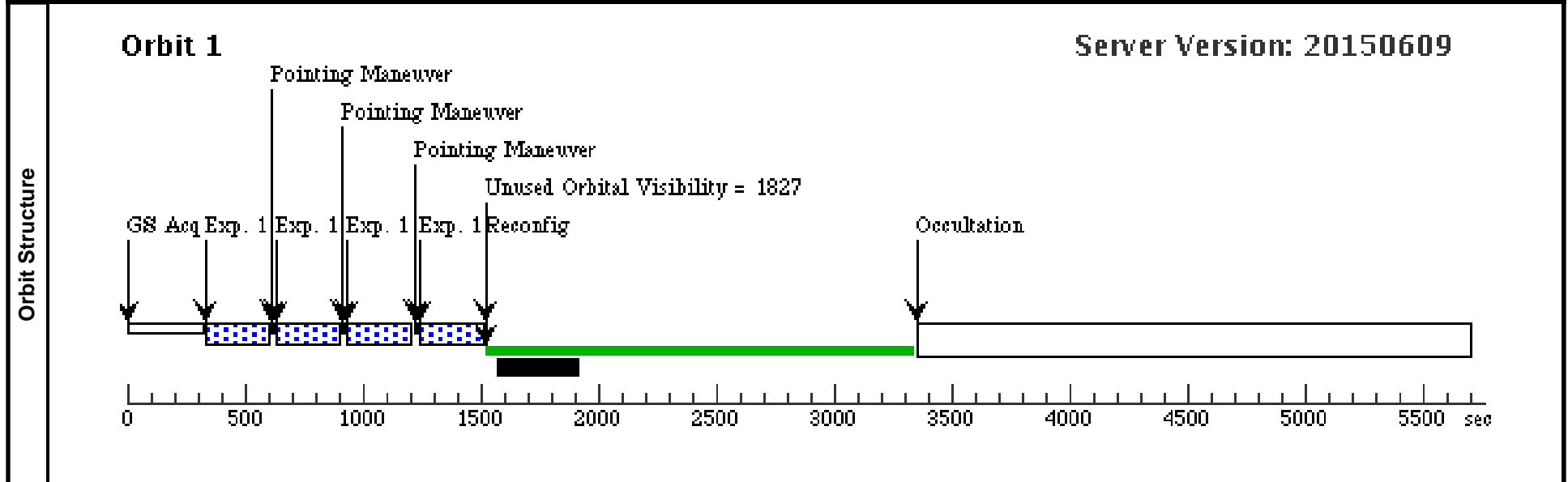


Visit	Proposal 14251, Visit 36		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(36)	SDSSJ121155.68+465854.5	RA: 12 11 55.5845 (182.9816021d) Dec: +46 58 55.98 (46.98222d) Equinox: J2000	Redshift: 0.003286799882	V=(?) SDSS i-band mag = 15.4	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(36) SDSSJ121155.68+465854.5	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 i n Visit 36 (1)	243.045901 Secs (972.184 Secs)	[1]

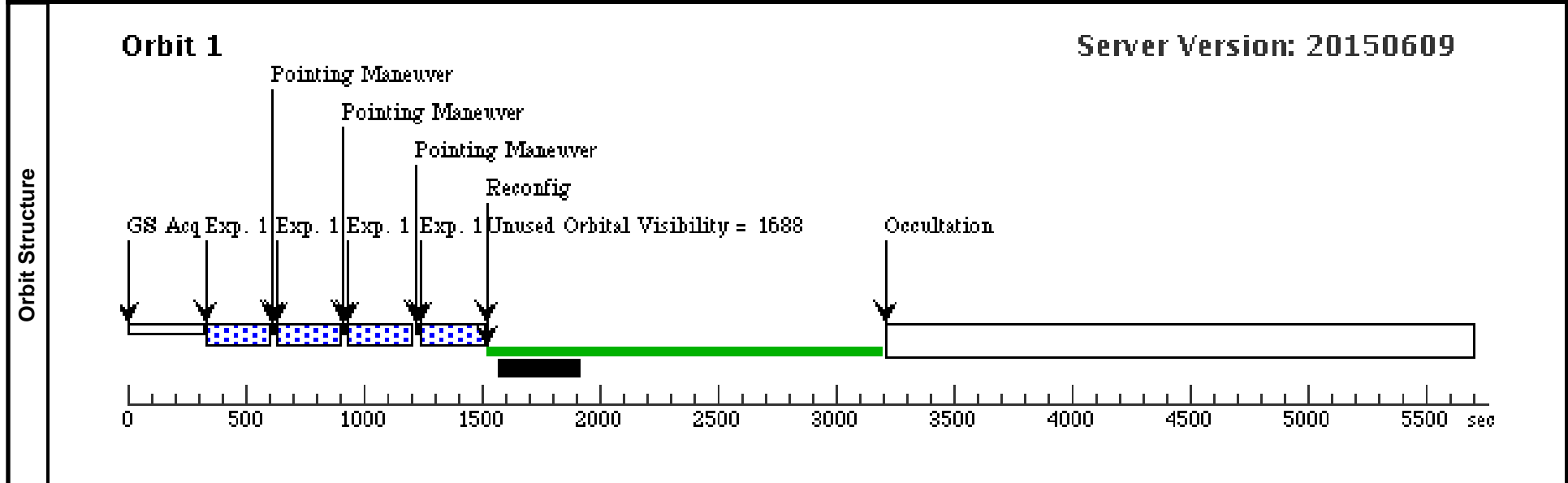


Visit	Proposal 14251, Visit 37			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: (none)			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(37)	SDSSJ122024.30+05342.3	RA: 12 20 24.2973 (185.1012388d) Dec: +05 34 22.21 (5.57284d) Equinox: J2000	Redshift: 0.003126578638	V=(?) SDSS i-band mag = 12.9	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(37) SDSSJ122024.30+053422.3	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 37 (1)	243.045901 Secs (972.184 Secs)	[1]

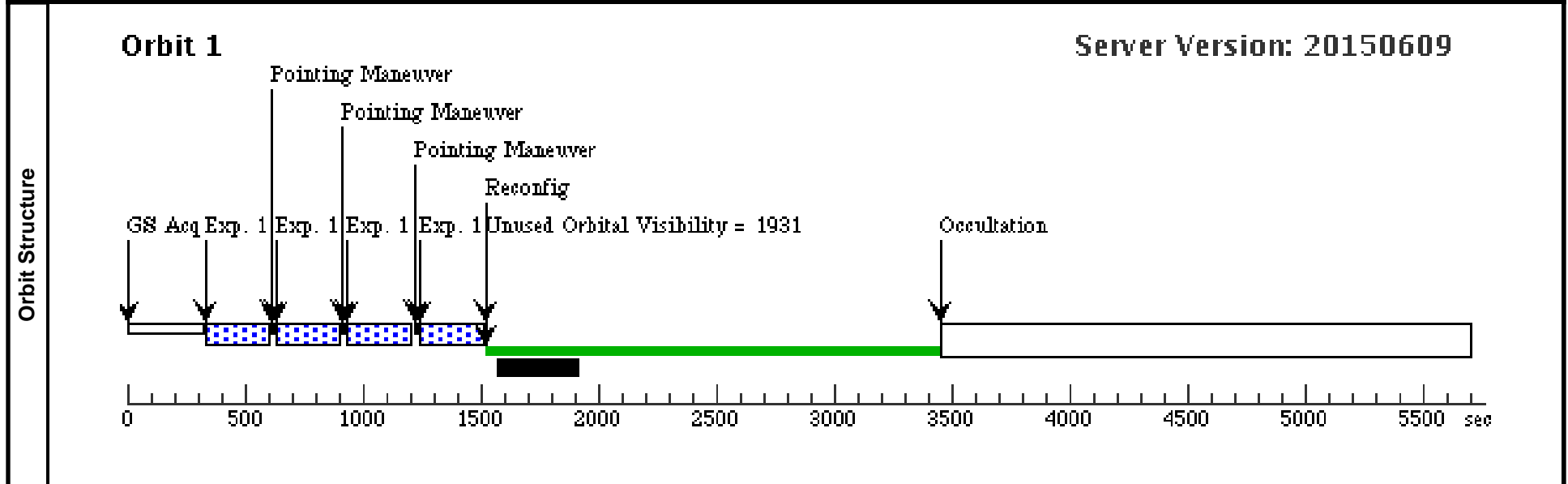


Visit	Proposal 14251, Visit 38		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(38)	SDSSJ122342.82+581446.4	RA: 12 23 42.8311 (185.9284629d) Dec: +58 14 46.44 (58.24623d) Equinox: J2000	Redshift: 0.014366000891	V=(?) SDSS i-band mag = 14.9	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(38) SDSSJ122342.82+581446.4	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 i n Visit 38 (1)	243.045901 Secs (972.184 Secs)	[1]

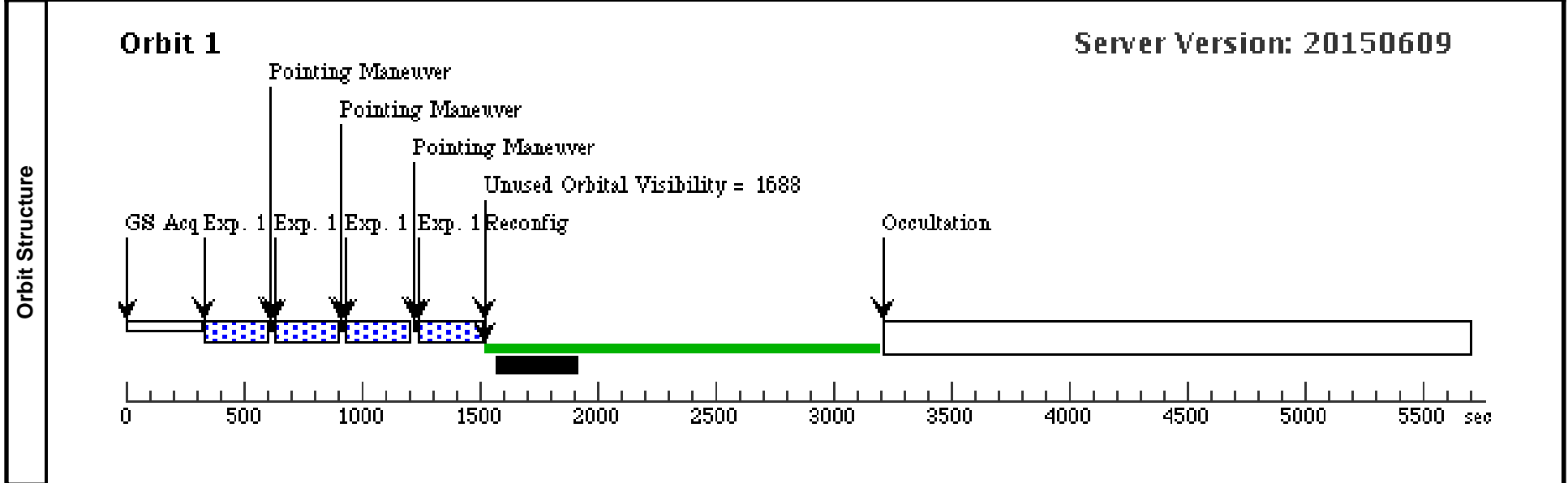


Visit	Proposal 14251, Visit 39		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

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)	SDSSJ122505.40+051945.9	RA: 12 25 5.6095 (186.2733729d) Dec: +05 19 44.83 (5.32912d) Equinox: J2000	Redshift: 0.006578661501	V=(?) SDSS i-band mag = 14.0	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(39) SDSSJ122505.40+051945.9	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 39 (1)	243.045901 Secs (972.184 Secs)	[1]
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	

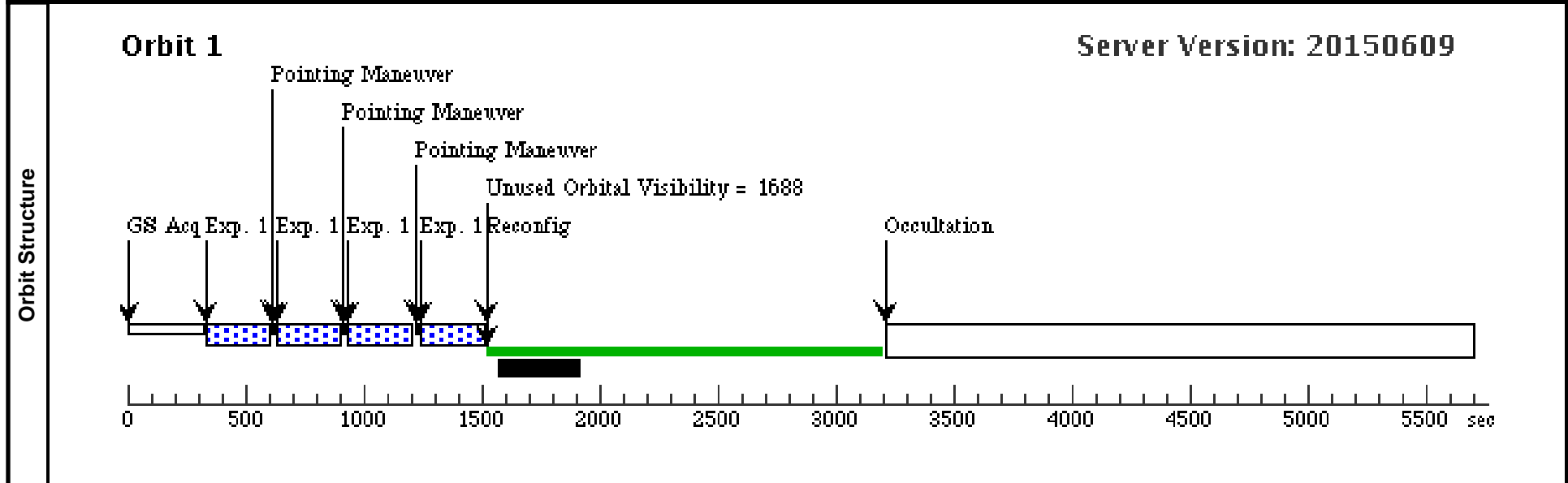


Visit	Proposal 14251, Visit 40		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(40)	SDSSJ130434.92+075505.0	RA: 13 04 34.9233 (196.1455138d) Dec: +07 55 5.10 (7.91808d) Equinox: J2000	Redshift: 0.048013340682	V=(?) SDSS i-band mag = 17.4	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(40) SDSSJ130434.92+075505.0	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15			Pattern 1, Exps 1-1 in Visit 40 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]



Proposal 14251 - Visit 41 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

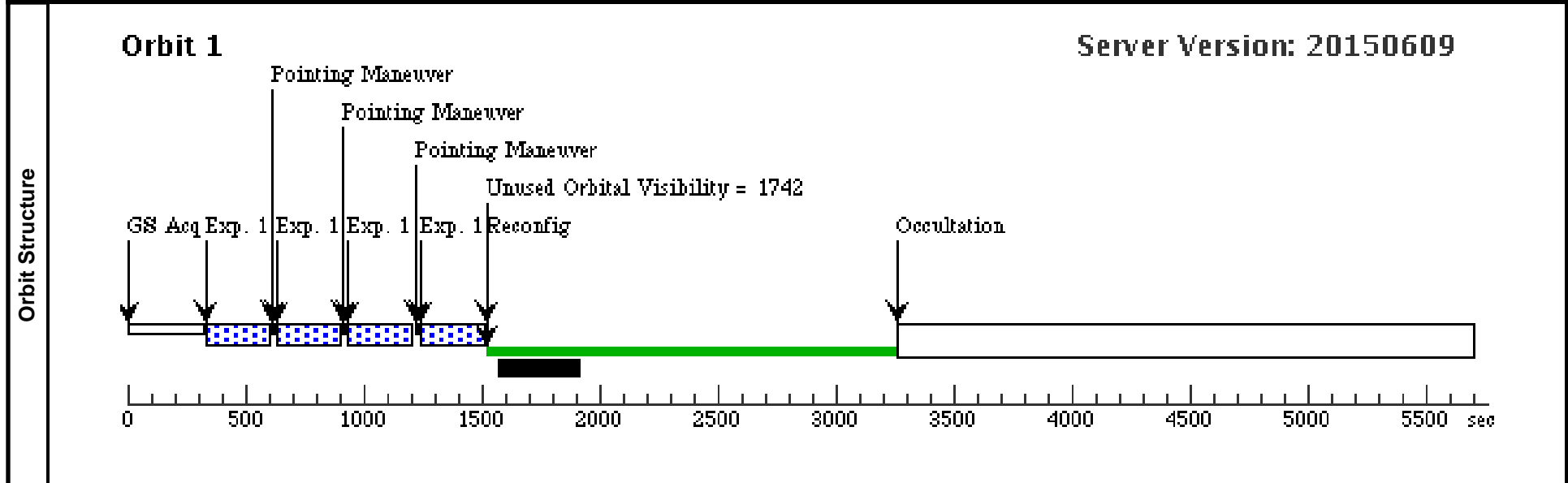
Sat Jul 18 01:46:20 GMT 2015

Visit	Proposal 14251, Visit 41		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(41)	SDSSJ130457.86+362622.2	RA: 13 04 57.8685 (196.2411188d) Dec: +36 26 22.34 (36.43954d) Equinox: J2000	Redshift: 0.022874698043	V=(?) SDSS i-band mag = 15.6	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(41) SDSSJ130457.86+362622.2	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15			Pattern 1, Exps 1-1 in Visit 41 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

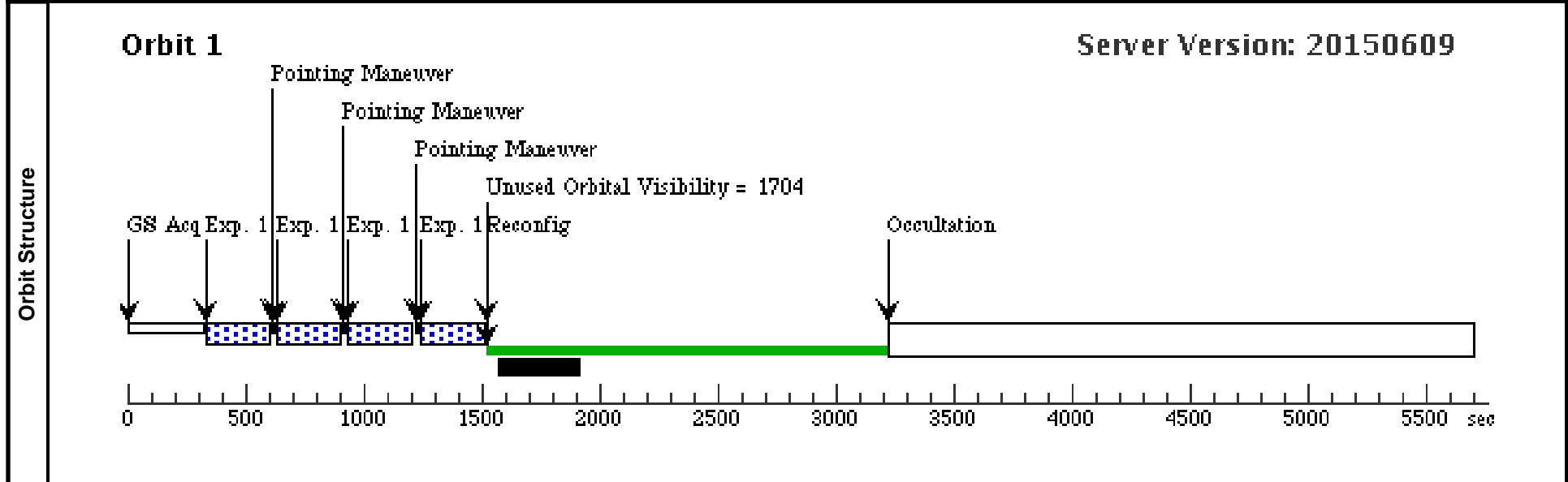


Visit	Proposal 14251, Visit 42		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(42)	SDSSJ133245.62+263449.3	RA: 13 32 45.6214 (203.1900892d) Dec: +26 34 49.35 (26.58038d) Equinox: J2000	Redshift: 0.047005254775	V=(?) SDSS i-band mag = 16.9	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(42) SDSSJ133245.62+263449.3	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 42 (1)	243.045901 Secs (972.184 Secs)	[1]

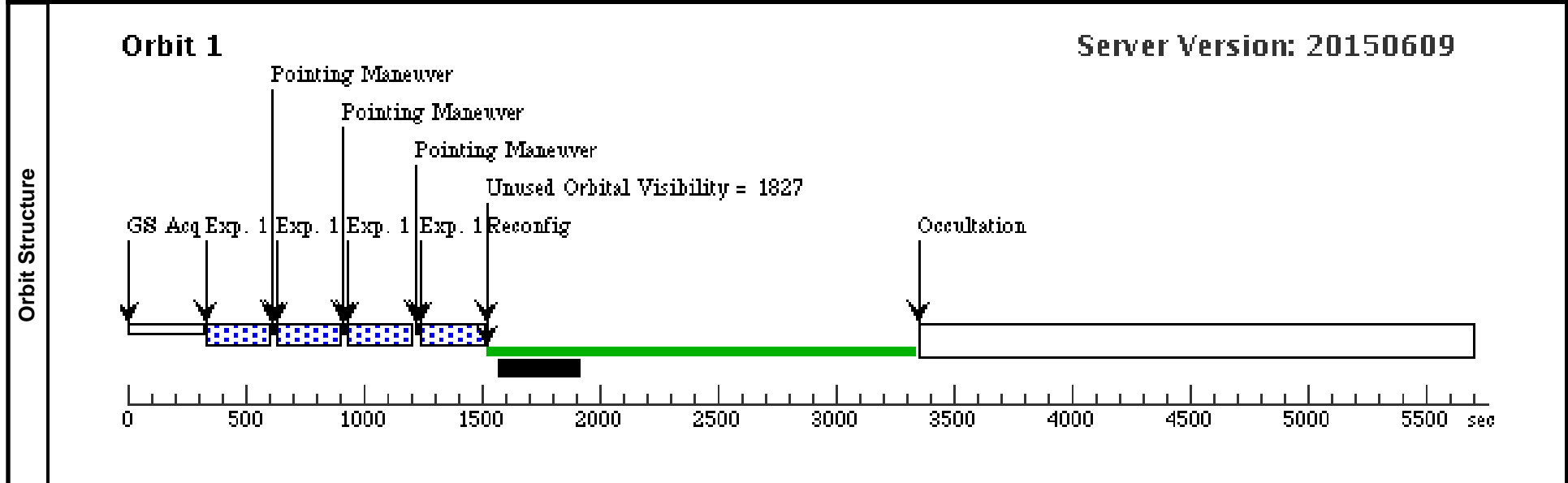


Visit	Proposal 14251, Visit 43		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(43)	SDSSJ134757.69+46543.49	RA: 13 47 57.6926 (206.9903858d) Dec: +46 54 34.89 (46.90969d) Equinox: J2000	Redshift: 0.027651246637	V=(?) SDSS i-band mag = 16.5	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(43) SDSSJ134757.69+46543.49	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15			Pattern 1, Exps 1-1 in Visit 43 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

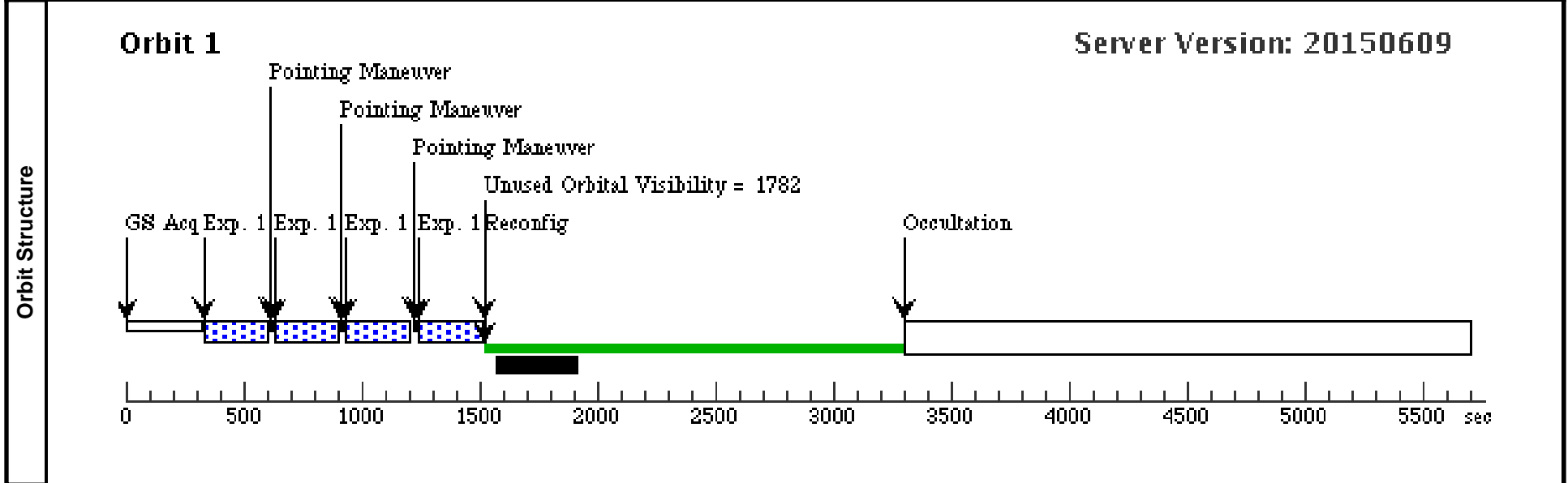


Visit	Proposal 14251, Visit 44 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(44)	SDSSJ134939.36+420241.4	RA: 13 49 39.3672 (207.4140300d) Dec: +42 02 41.36 (42.04482d) Equinox: J2000	Redshift: 0.041096687317	V=(?) SDSS i-band mag = 17.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(44) SDSSJ134939.36+420241.4	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 44 (1)	243.045901 Secs (972.184 Secs)	[1]

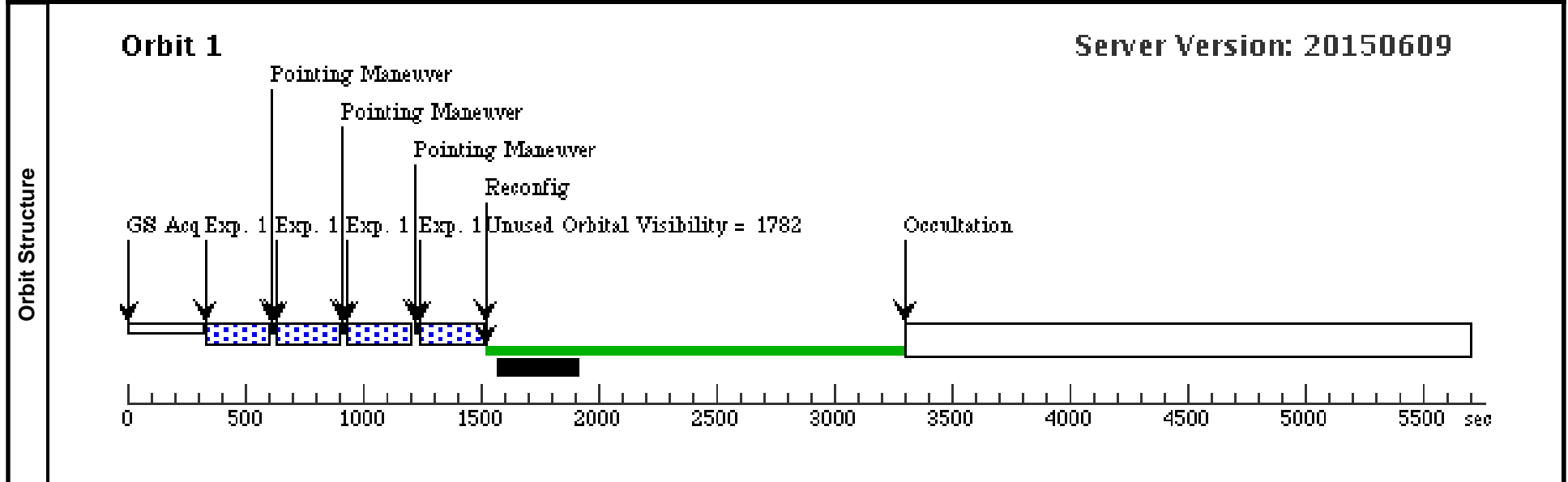


Visit	Proposal 14251, Visit 45		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(45)	SDSSJ135125.37+401247.7	RA: 13 51 25.3717 (207.8557154d) Dec: +40 12 47.67 (40.21324d) Equinox: J2000	Redshift: 0.008234731853	V=(?) SDSS i-band mag = 13.9	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(45) SDSSJ135125.37+401247.7	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 in Visit 45 (1)	243.045901 Secs (972.184 Secs)	[1]

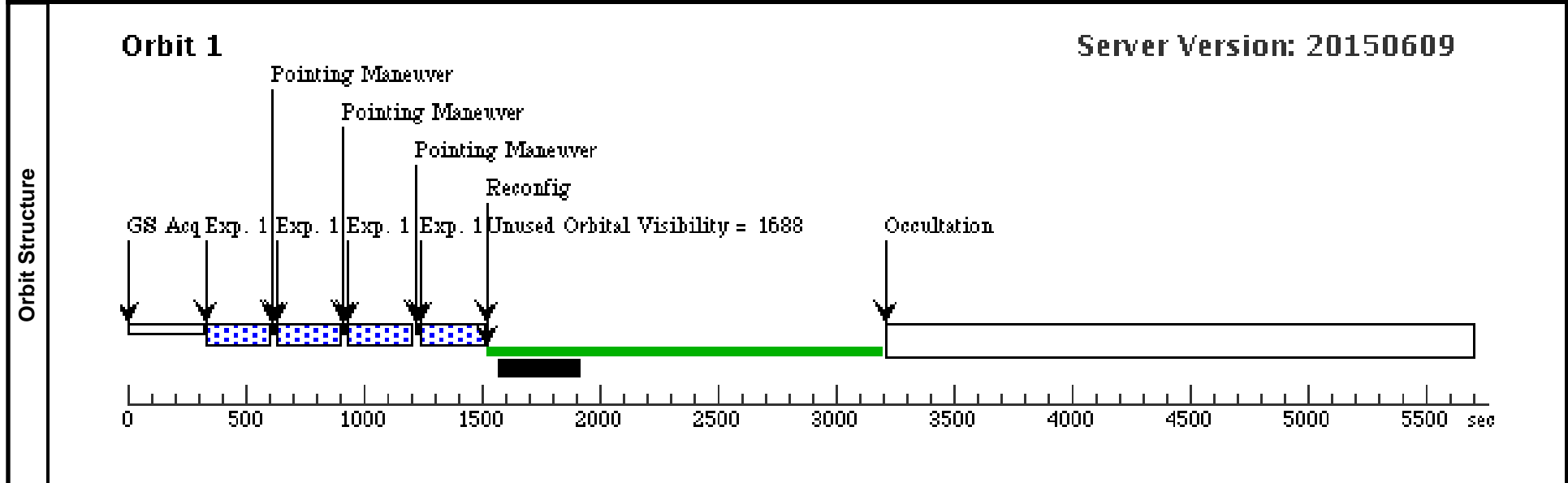


Visit	Proposal 14251, Visit 46		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(46)	SDSSJ140228.72+091856.4	RA: 14 02 28.7325 (210.6197188d) Dec: +09 18 56.43 (9.31568d) Equinox: J2000	Redshift: 0.019103912637	V=(?) SDSS i-band mag = 17.1	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(46) SDSSJ140228.72+091856.4	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15			Pattern 1, Exps 1-1 in Visit 46 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

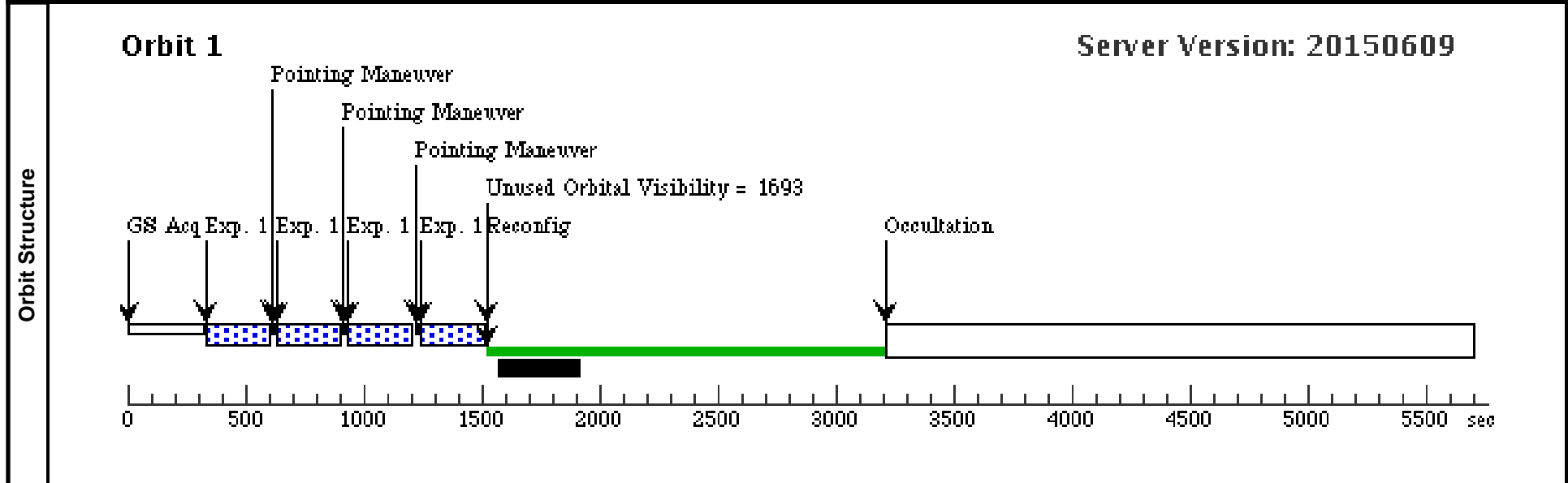


Visit	Proposal 14251, Visit 47		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(47)	SDSSJ140510.39+114616.9	RA: 14 05 10.4005 (211.2933354d) Dec: +11 46 16.93 (11.77137d) Equinox: J2000	Redshift: 0.017414750531	V=(?) SDSS i-band mag = 15.3	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(47) SDSSJ140510.39+114616.9	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15			Pattern 1, Exps 1-1 in Visit 47 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

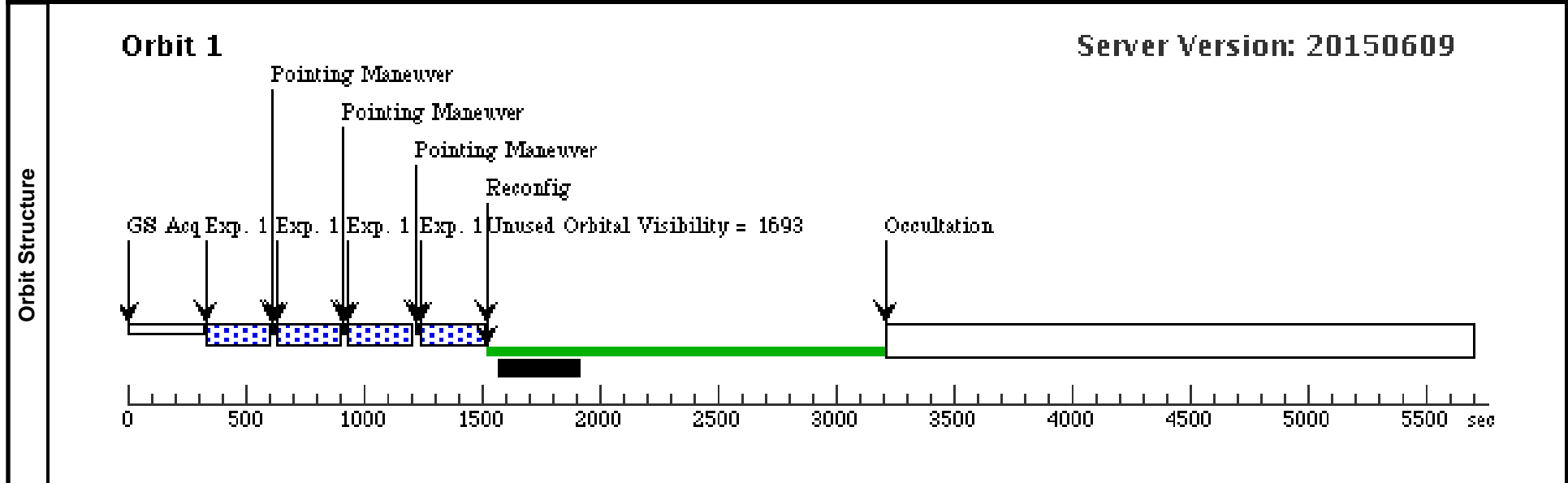


Visit	Proposal 14251, Visit 48		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(48)	SDSSJ141208.47+102953.8	RA: 14 12 8.4727 (213.0353029d) Dec: +10 29 53.82 (10.49828d) Equinox: J2000	Redshift: 0.032592516392	V=(?) SDSS i-band mag = 17.4	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(48) SDSSJ141208.47+102953.8	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15			Pattern 1, Exps 1-1 in Visit 48 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

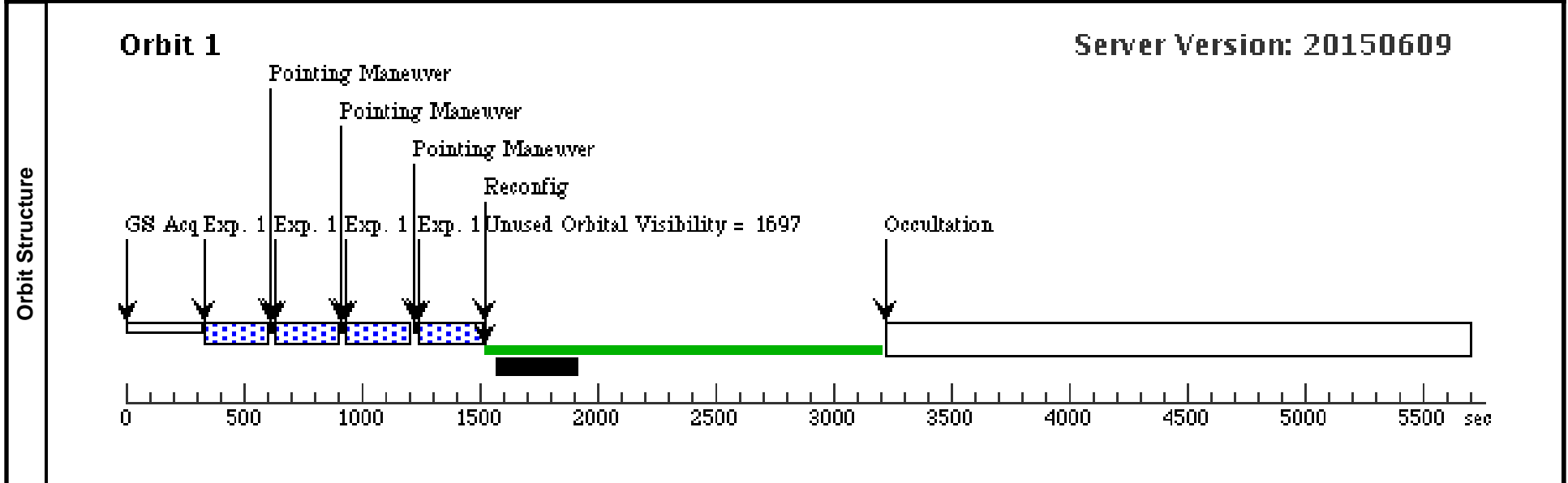


Visit	Proposal 14251, Visit 49		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(49)	SDSSJ142044.94+224236.8	RA: 14 20 44.9445 (215.1872688d) Dec: +22 42 36.95 (22.71026d) Equinox: J2000	Redshift: 0.03068025969	V=(?) SDSS i-band mag = 16.7	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(49) SDSSJ142044.94+224236.8	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 in Visit 49 (1)	243.045901 Secs (972.184 Secs)	[1]

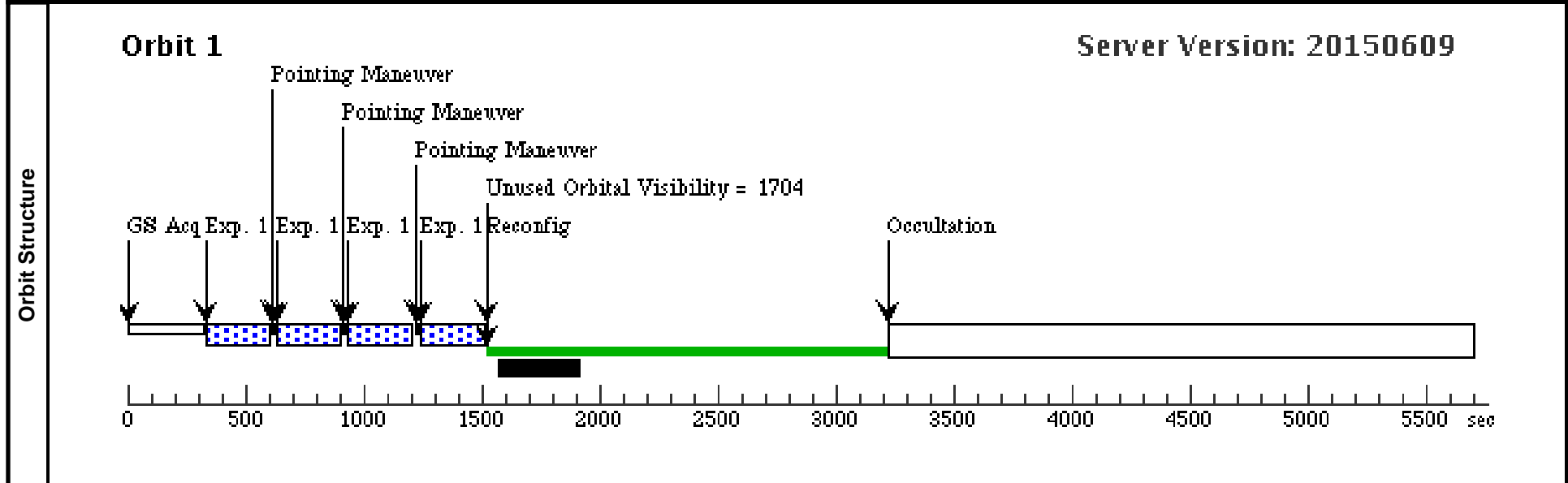


Visit	Proposal 14251, Visit 50		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(50)	SDSSJ143146.75+261624.3	RA: 14 31 46.7595 (217.9448313d) Dec: +26 16 24.39 (26.27344d) Equinox: J2000	Redshift: 0.015518639237	V=(?) SDSS i-band mag = 15.4	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(50) SDSSJ143146.75+261624.3	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15			Pattern 1, Exps 1-1 in Visit 50 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]



Proposal 14251 - Visit 51 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

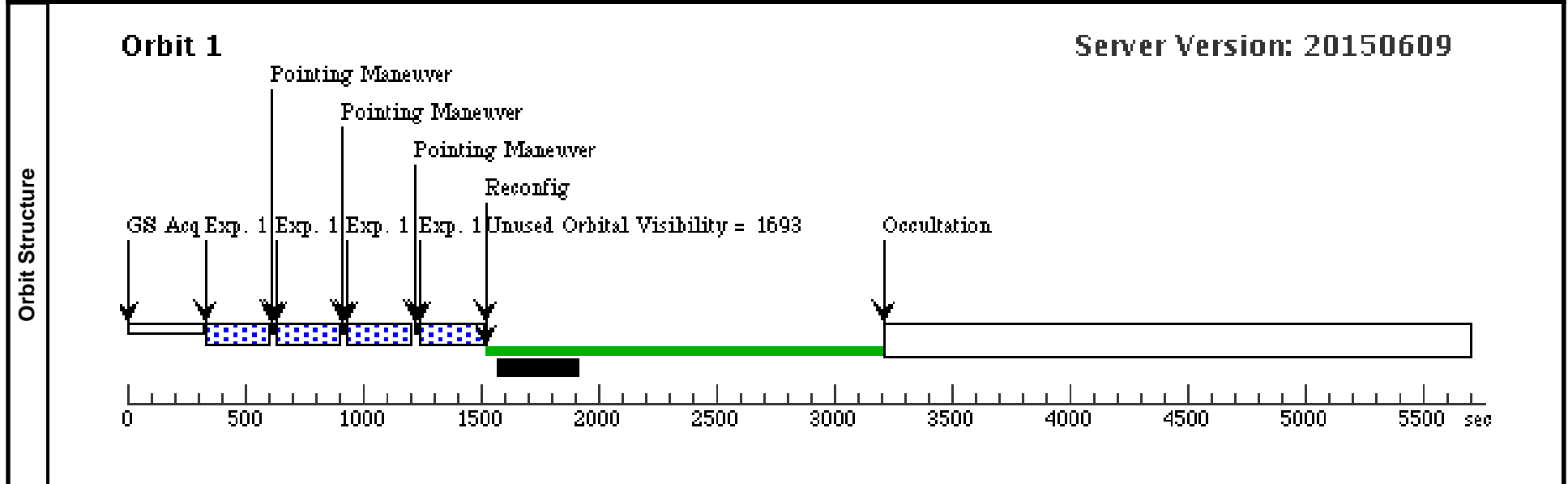
Sat Jul 18 01:46:20 GMT 2015

Visit	Proposal 14251, Visit 51		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

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
	(51)	SDSSJ143523.42+100704.2	RA: 14 35 23.4290 (218.8476208d) Dec: +10 07 4.20 (10.11783d) Equinox: J2000	Redshift: 0.031216470525	V=(?) SDSS i-band mag = 16.4	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(51) SDSSJ143523.42+100704.2	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 51 (1)	243.045901 Secs (972.184 Secs)	[1]
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	

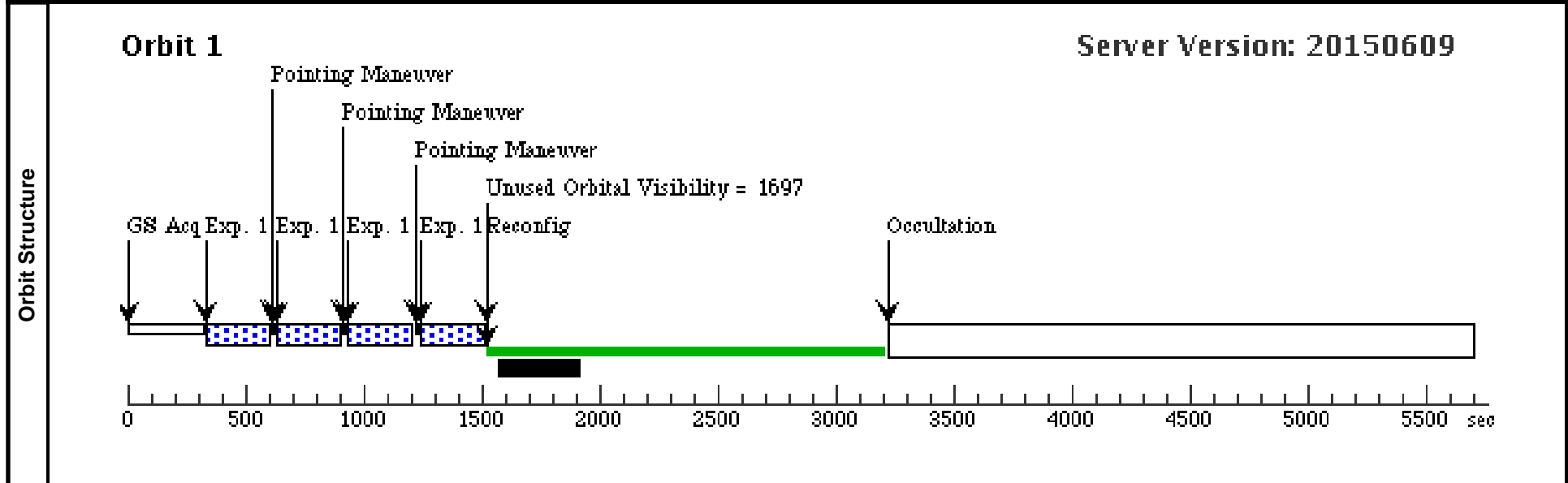


Visit	Proposal 14251, Visit 52 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(52)	SDSSJ144252.78+205451.6	RA: 14 42 52.7861 (220.7199421d) Dec: +20 54 51.73 (20.91437d) Equinox: J2000	Redshift: 0.042664706707	V=(?) SDSS i-band mag = 17.3	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(52) SDSSJ144252.78+205451.6	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 52 (1)	243.045901 Secs (972.184 Secs)	[1]



Proposal 14251 - Visit 53 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

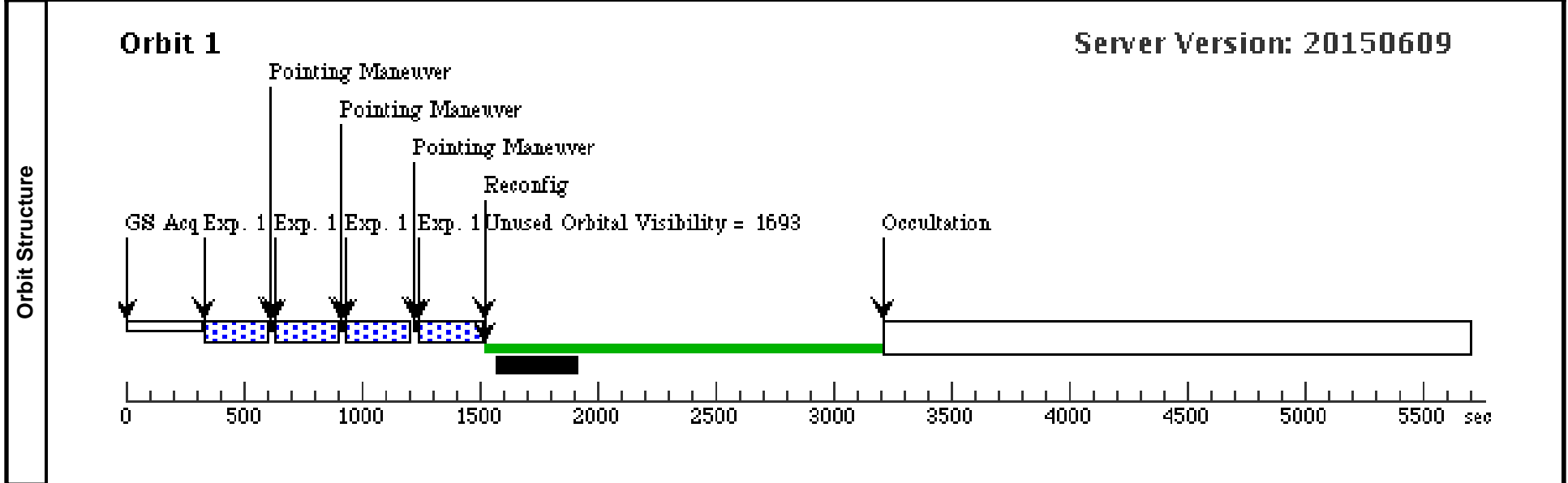
Sat Jul 18 01:46:20 GMT 2015

Visit	Proposal 14251, Visit 53 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(53)	SDSSJ152303.80+114546.0	RA: 15 23 5.1028 (230.7712617d) Dec: +11 45 53.36 (11.76482d) Equinox: J2000	Redshift: 0.024303503335	V=(?) SDSS i-band mag = 15.9	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(53) SDSSJ152303.80+114546.0	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 53 (1)	243.045901 Secs (972.184 Secs)	[1]

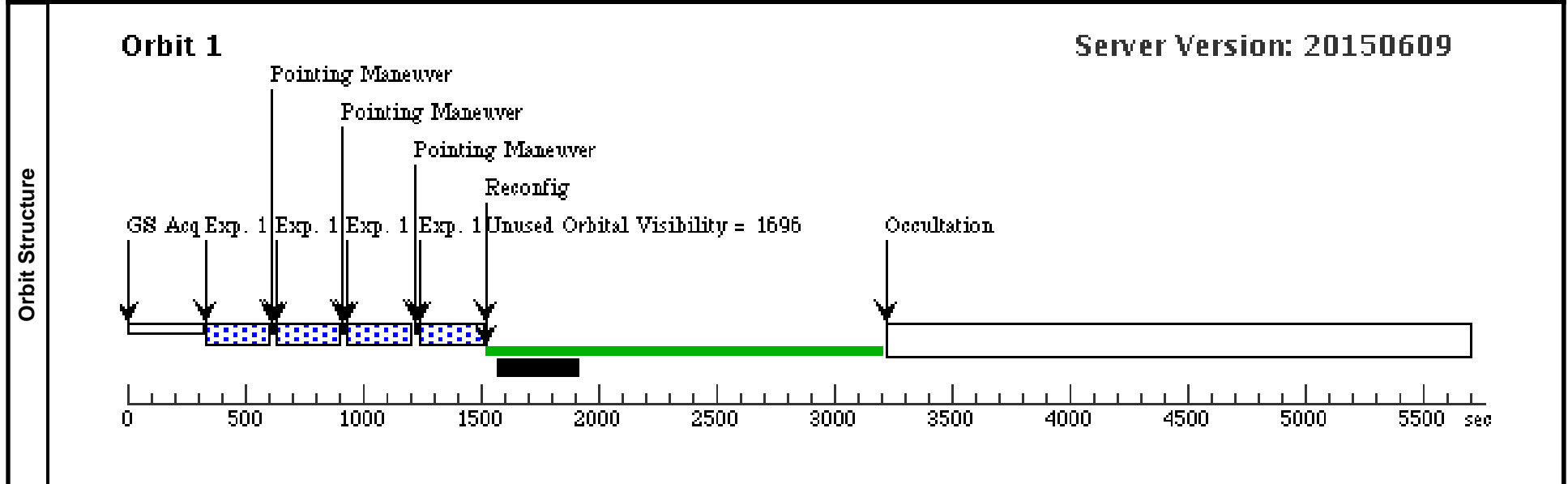


Visit	Proposal 14251, Visit 54 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(54)	SDSSJ153941.68+171421.8	RA: 15 39 41.6713 (234.9236304d) Dec: +17 14 21.78 (17.23938d) Equinox: J2000	Redshift: 0.045832131058	V=(?) SDSS i-band mag = 17.0	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(54) SDSSJ153941.68+171421.8	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15			Pattern 1, Exps 1-1 in Visit 54 (1)	243.045901 Secs (972.184 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

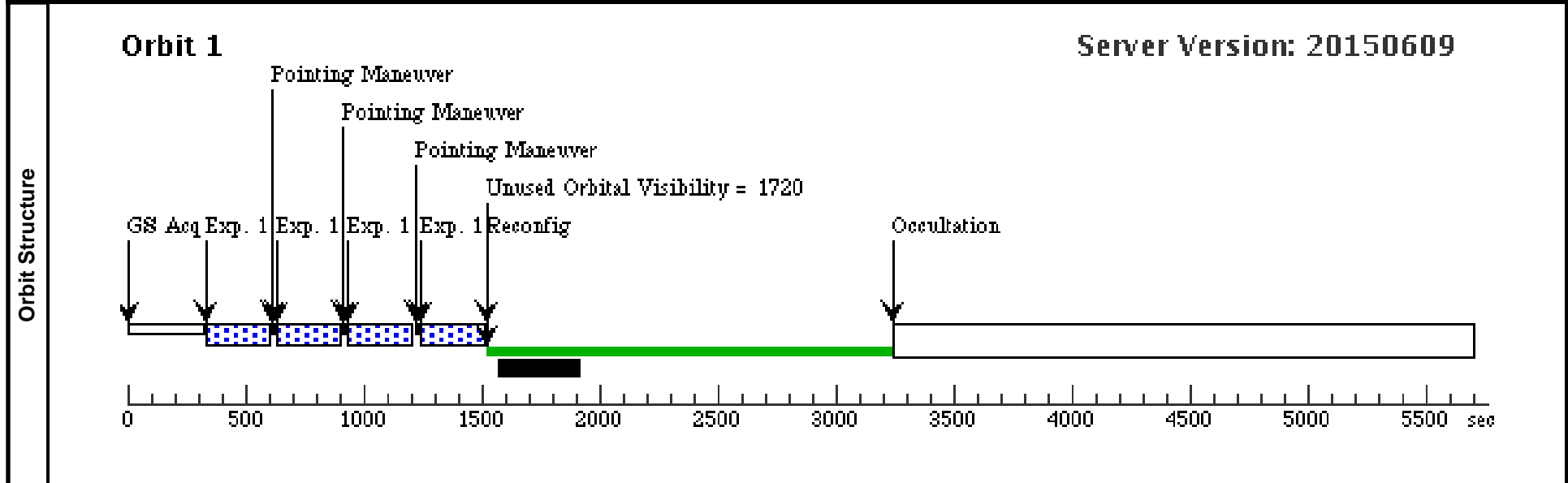


Visit	Proposal 14251, Visit 55		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

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
	(55)	SDSSJ154059.61+315507.3	RA: 15 40 59.6124 (235.2483850d) Dec: +31 55 7.31 (31.91870d) Equinox: J2000	Redshift: 0.05281675607	V=(?) SDSS i-band mag = 17.3	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(55) SDSSJ154059.61+315507.3	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 55 (1)	243.045901 Secs (972.184 Secs)	[1]
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	

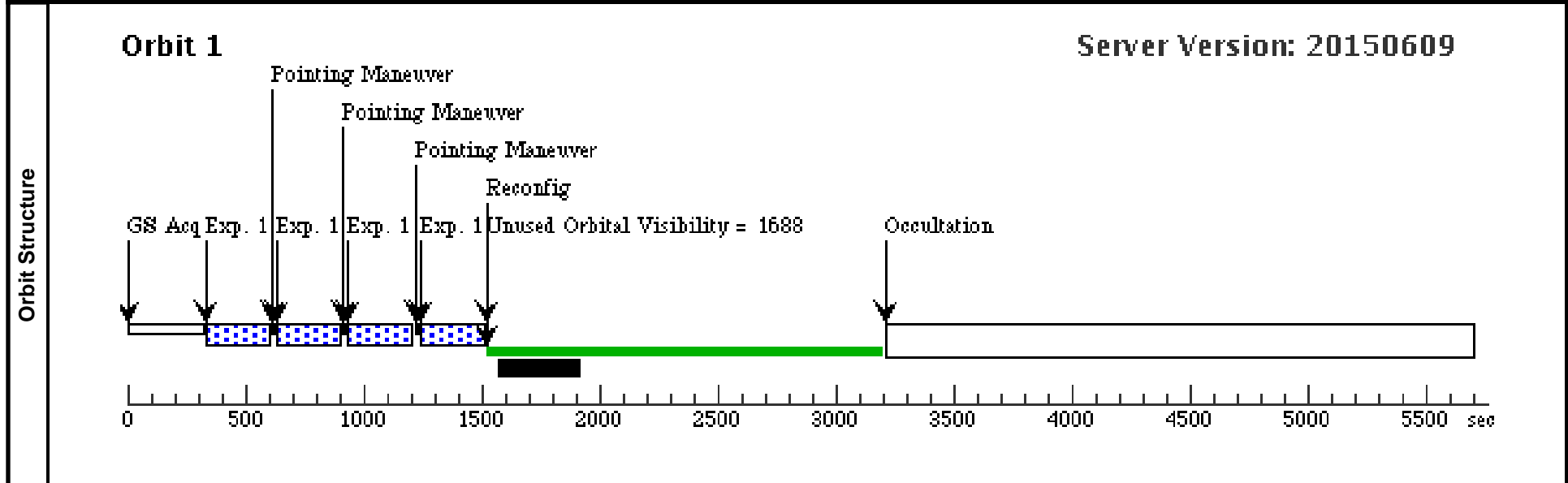


Visit	Proposal 14251, Visit 56			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: (none)			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(56)	SDSSJ160544.57+085043.9	RA: 16 05 44.5752 (241.4357300d) Dec: +08 50 43.94 (8.84554d) Equinox: J2000	Redshift: 0.015423753299	V=(?) SDSS i-band mag = 15.3	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(56) SDSSJ160544.57+085043.9	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 56 (1)	243.045901 Secs (972.184 Secs)	[1]

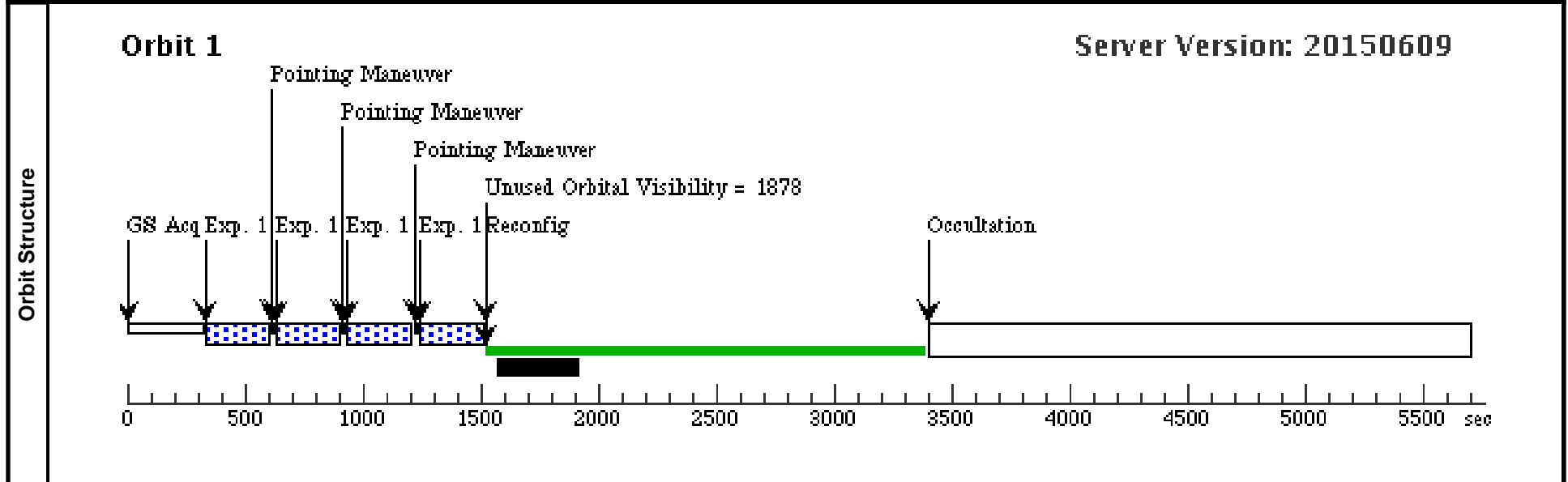


Visit	Proposal 14251, Visit 57			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: (none)			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(57)	SDSSJ160958.68+535011.7	RA: 16 09 58.7109 (242.4946288d) Dec: +53 50 11.26 (53.83646d) Equinox: J2000	Redshift: 0.01764042303	V=(?) SDSS i-band mag = 16.3	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(57) SDSSJ160958.68+535011.7	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 in Visit 57 (1)	243.045901 Secs (972.184 Secs)	[1]

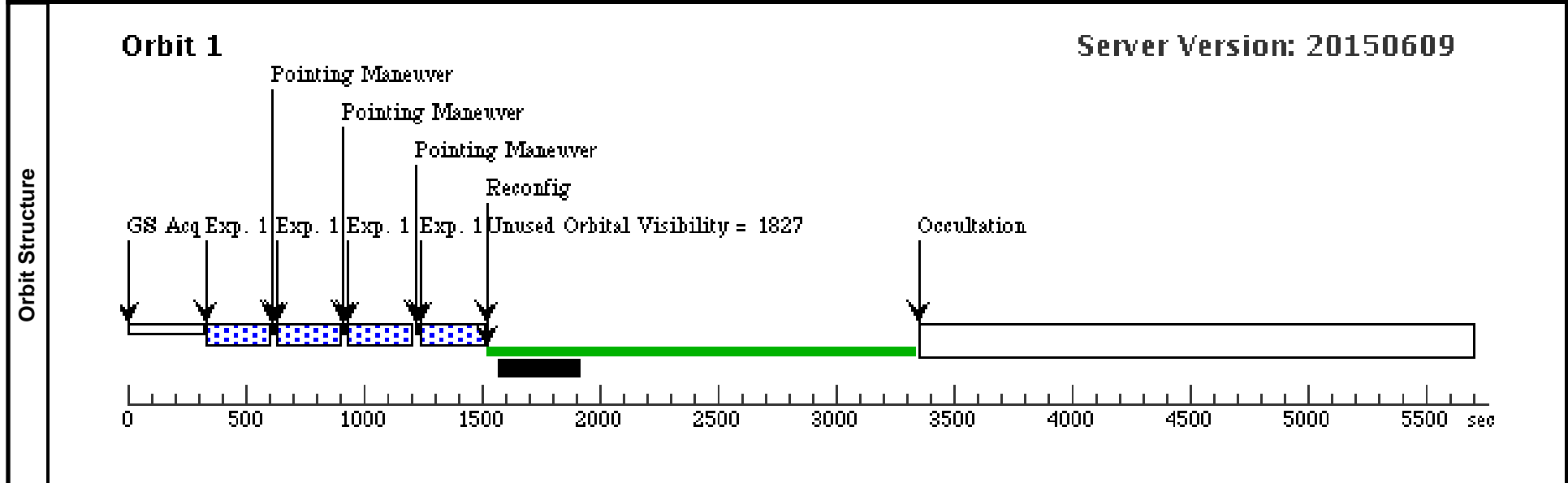


Visit	Proposal 14251, Visit 58		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(58)	SDSSJ162514.64+484316.9	RA: 16 25 14.6498 (246.3110408d) Dec: +48 43 16.98 (48.72138d) Equinox: J2000	Redshift: 0.020740397274	V=(?) SDSS i-band mag = 16.6	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(58) SDSSJ162514.64+484316.9	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP2 5; NSAMP=15		Pattern 1, Exps 1-1 i n Visit 58 (1)	243.045901 Secs (972.184 Secs)	[1]



Proposal 14251 - Visit 59 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

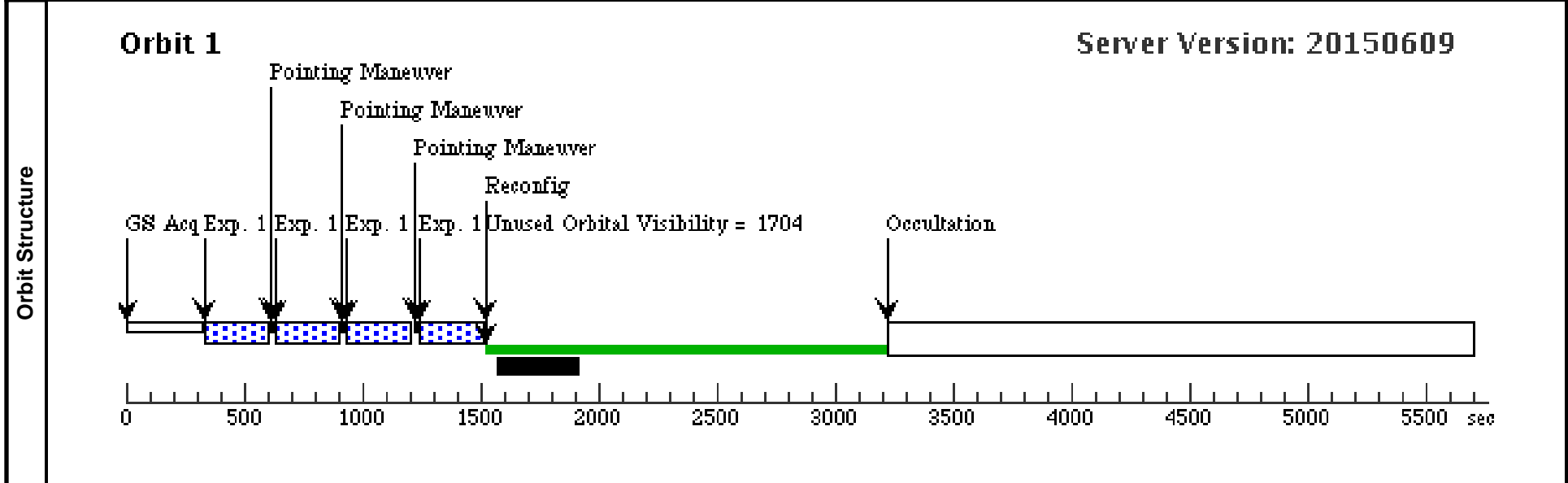
Sat Jul 18 01:46:21 GMT 2015

Visit	Proposal 14251, Visit 59		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(59)	SDSSJ163210.87+290130.5	RA: 16 32 10.8712 (248.0452967d) Dec: +29 01 30.60 (29.02517d) Equinox: J2000	Redshift: 0.036956962198	V=(?) SDSS i-band mag = 17.0	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(59) SDSSJ163210.87+290130.5	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 59 (1)	243.045901 Secs (972.184 Secs)	[1]

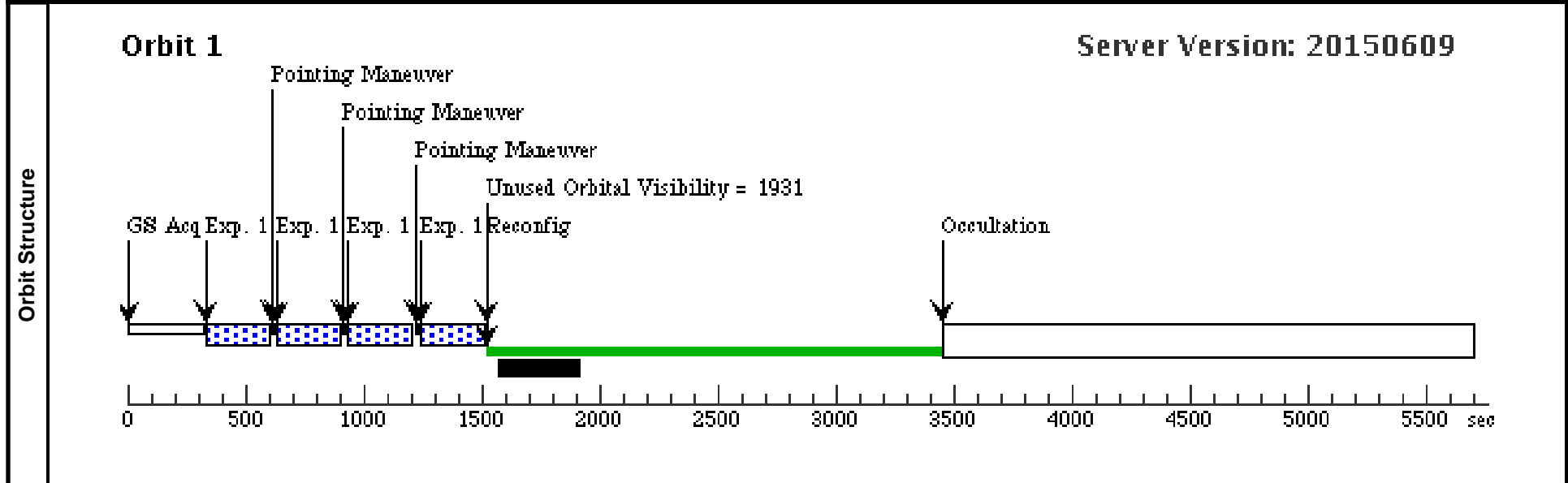


Visit	Proposal 14251, Visit 60		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

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
	(60)	SDSSJ173202.96+59585.0	RA: 17 32 2.9764 (263.0124017d) Dec: +59 58 54.97 (59.98194d) Equinox: J2000	Redshift: 0.029144162312	V=(?) SDSS i-band mag = 16.2	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(60) SDSSJ173202.96+595855.0	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 60 (1)	243.045901 Secs (972.184 Secs)	[1]
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	



Proposal 14251 - Visit 61 - The Structures of Dwarf Galaxies Hosting Massive Black Holes

Sat Jul 18 01:46:21 GMT 2015

Visit	Proposal 14251, Visit 61		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(61)	SDSSJ235609.14-002428.6	RA: 23 56 9.1856 (359.0382733d) Dec: -00 24 28.79 (-.40800d) Equinox: J2000	Redshift: 0.025593724102	V=(?) SDSS i-band mag = 16.2	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(61) SDSSJ235609.14-002428.6	WFC3/IR, MULTIACCUM, IRSUB512	F110W	SAMP-SEQ=STEP25; NSAMP=15		Pattern 1, Exps 1-1 in Visit 61 (1)	243.045901 Secs (972.184 Secs)	[1]

