



# 14163 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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) LSQ12EKL	WFC3/UVIS	1	25-Jul-2015 21:20:27.0	yes
02	(2) LSQ12FHE	WFC3/UVIS	1	25-Jul-2015 21:20:28.0	yes
03	(3) LSQ12FMX	WFC3/UVIS	1	25-Jul-2015 21:20:29.0	yes
04	(4) LSQ13VY	WFC3/UVIS	1	25-Jul-2015 21:20:30.0	yes
05	(5) PS010010	WFC3/UVIS	1	25-Jul-2015 21:20:30.0	yes

Proposal 14163 (STScI Edit Number: 1, Created: Saturday, July 25, 2015 8:21:34 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>
06	(6) PS010026	WFC3/UVIS	1	25-Jul-2015 21:20:31.0	yes
07	(7) PS070242	WFC3/UVIS	1	25-Jul-2015 21:20:31.0	yes
08	(8) PS130308	WFC3/UVIS	1	25-Jul-2015 21:20:32.0	yes
09	(9) PTF09DLC	WFC3/UVIS	1	25-Jul-2015 21:20:32.0	yes
10	(10) PTF09DNL	WFC3/UVIS	1	25-Jul-2015 21:20:33.0	yes
11	(11) PTF09DNP	WFC3/UVIS	1	25-Jul-2015 21:20:33.0	yes
12	(12) PTF09FOX	WFC3/UVIS	1	25-Jul-2015 21:20:34.0	yes
13	(13) PTF09FOZ	WFC3/UVIS	1	25-Jul-2015 21:20:35.0	yes
14	(14) PTF10HMV	WFC3/UVIS	1	25-Jul-2015 21:20:35.0	yes
15	(15) PTF10MWB	WFC3/UVIS	1	25-Jul-2015 21:20:35.0	yes
16	(16) PTF10NDC	WFC3/UVIS	1	25-Jul-2015 21:20:36.0	yes
17	(17) PTF10OPS	WFC3/UVIS	1	25-Jul-2015 21:20:37.0	yes
18	(18) PTF10QJL	WFC3/UVIS	1	25-Jul-2015 21:20:37.0	yes
19	(19) PTF10QJQ	WFC3/UVIS	1	25-Jul-2015 21:20:38.0	yes
20	(20) PTF10QYZ	WFC3/UVIS	1	25-Jul-2015 21:20:38.0	yes
21	(21) PTF10TCE	WFC3/UVIS	1	25-Jul-2015 21:20:39.0	yes
22	(22) PTF10UFJ	WFC3/UVIS	1	25-Jul-2015 21:20:39.0	yes
23	(23) PTF10WNM	WFC3/UVIS	1	25-Jul-2015 21:20:40.0	yes
24	(24) PTF10WOF	WFC3/UVIS	1	25-Jul-2015 21:20:40.0	yes
25	(25) PTF10XYT	WFC3/UVIS	1	25-Jul-2015 21:20:41.0	yes
26	(26) PTF10ZDK	WFC3/UVIS	1	25-Jul-2015 21:20:42.0	yes
27	(27) SN2005ED	WFC3/UVIS	1	25-Jul-2015 21:20:42.0	yes
28	(28) SN2005EX	WFC3/UVIS	1	25-Jul-2015 21:20:43.0	yes
29	(29) SN2005FF	WFC3/UVIS	1	25-Jul-2015 21:20:43.0	yes
30	(30) SN2005FN	WFC3/UVIS	1	25-Jul-2015 21:20:44.0	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>
31	(31) SN2005GB	WFC3/UVIS	1	25-Jul-2015 21:20:44.0	yes
32	(32) SN2005IF	WFC3/UVIS	1	25-Jul-2015 21:20:45.0	yes
33	(33) SN2005IR	WFC3/UVIS	1	25-Jul-2015 21:20:45.0	yes
34	(34) SN2005KT	WFC3/UVIS	1	25-Jul-2015 21:20:46.0	yes
35	(35) SN2005KU	WFC3/UVIS	1	25-Jul-2015 21:20:46.0	yes
36	(36) SN2006ER	WFC3/UVIS	1	25-Jul-2015 21:20:47.0	yes
37	(37) SN2006FD	WFC3/UVIS	1	25-Jul-2015 21:20:47.0	yes
38	(38) SN2006FW	WFC3/UVIS	1	25-Jul-2015 21:20:48.0	yes
39	(39) SN2006FY	WFC3/UVIS	1	25-Jul-2015 21:20:48.0	yes
40	(40) SN2006OA	WFC3/UVIS	1	25-Jul-2015 21:20:49.0	yes
41	(41) SN2006OB	WFC3/UVIS	1	25-Jul-2015 21:20:49.0	yes
42	(42) SN2006ON	WFC3/UVIS	1	25-Jul-2015 21:20:50.0	yes
43	(43) SN2006PY	WFC3/UVIS	1	25-Jul-2015 21:20:50.0	yes
44	(44) SN2007HT	WFC3/UVIS	1	25-Jul-2015 21:20:51.0	yes
45	(45) SN2007HX	WFC3/UVIS	1	25-Jul-2015 21:20:51.0	yes
46	(46) SN2007JG	WFC3/UVIS	1	25-Jul-2015 21:20:51.0	yes
47	(47) SN2007JR	WFC3/UVIS	1	25-Jul-2015 21:20:52.0	yes
48	(48) SN2007JU	WFC3/UVIS	1	25-Jul-2015 21:20:52.0	yes
49	(49) SN2007KS	WFC3/UVIS	1	25-Jul-2015 21:20:53.0	yes
50	(50) SN2007OL	WFC3/UVIS	1	25-Jul-2015 21:20:53.0	yes
51	(51) SN2007PU	WFC3/UVIS	1	25-Jul-2015 21:20:54.0	yes
52	(52) SN2007RA	WFC3/UVIS	1	25-Jul-2015 21:20:54.0	yes
53	(53) SNF20050729-002	WFC3/UVIS	1	25-Jul-2015 21:20:55.0	yes
54	(54) SNF20050821-007	WFC3/UVIS	1	25-Jul-2015 21:20:55.0	yes
55	(55) SNF20060512-001	WFC3/UVIS	1	25-Jul-2015 21:20:56.0	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>
56	(56) SNF20060512-002	WFC3/UVIS	1	25-Jul-2015 21:20:56.0	yes
57	(57) SNF20060514-003	WFC3/UVIS	1	25-Jul-2015 21:20:57.0	yes
58	(58) SNF20060521-001	WFC3/UVIS	1	25-Jul-2015 21:20:57.0	yes
59	(59) SNF20060521-008	WFC3/UVIS	1	25-Jul-2015 21:20:57.0	yes
60	(60) SNF20060530-003	WFC3/UVIS	1	25-Jul-2015 21:20:58.0	yes
61	(61) SNF20060609-002	WFC3/UVIS	1	25-Jul-2015 21:20:58.0	yes
62	(62) SNF20060618-014	WFC3/UVIS	1	25-Jul-2015 21:20:59.0	yes
63	(63) SNF20060621-012	WFC3/UVIS	1	25-Jul-2015 21:20:59.0	yes
64	(64) SNF20060621-015	WFC3/UVIS	1	25-Jul-2015 21:21:00.0	yes
65	(65) SNF20060908-004	WFC3/UVIS	1	25-Jul-2015 21:21:00.0	yes
66	(66) SNF20060911-014	WFC3/UVIS	1	25-Jul-2015 21:21:01.0	yes
67	(67) SNF20060912-000	WFC3/UVIS	1	25-Jul-2015 21:21:01.0	yes
68	(68) SNF20060912-004	WFC3/UVIS	1	25-Jul-2015 21:21:02.0	yes
69	(69) SNF20060916-002	WFC3/UVIS	1	25-Jul-2015 21:21:02.0	yes
70	(70) SNF20061009-008	WFC3/UVIS	1	25-Jul-2015 21:21:03.0	yes
71	(71) SNF20061011-005	WFC3/UVIS	1	25-Jul-2015 21:21:03.0	yes
72	(72) SNF20061020-000	WFC3/UVIS	1	25-Jul-2015 21:21:03.0	yes
73	(73) SNF20061021-003	WFC3/UVIS	1	25-Jul-2015 21:21:04.0	yes
74	(74) SNF20061022-014	WFC3/UVIS	1	25-Jul-2015 21:21:04.0	yes
75	(75) SNF20061024-000	WFC3/UVIS	1	25-Jul-2015 21:21:05.0	yes
76	(76) SNF20061108-004	WFC3/UVIS	1	25-Jul-2015 21:21:05.0	yes
77	(77) SNF20070326-012	WFC3/UVIS	1	25-Jul-2015 21:21:06.0	yes
78	(78) SNF20070331-014	WFC3/UVIS	1	25-Jul-2015 21:21:06.0	yes
79	(79) SNF20070403-000	WFC3/UVIS	1	25-Jul-2015 21:21:07.0	yes
80	(80) SNF20070403-001	WFC3/UVIS	1	25-Jul-2015 21:21:07.0	yes

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81	(81) SNF20070420-001	WFC3/UVIS	1	25-Jul-2015 21:21:08.0	yes
82	(82) SNF20070424-003	WFC3/UVIS	1	25-Jul-2015 21:21:08.0	yes
83	(83) SNF20070427-001	WFC3/UVIS	1	25-Jul-2015 21:21:08.0	yes
84	(84) SNF20070429-000	WFC3/UVIS	1	25-Jul-2015 21:21:09.0	yes
85	(85) SNF20070506-006	WFC3/UVIS	1	25-Jul-2015 21:21:09.0	yes
86	(86) SNF20070531-011	WFC3/UVIS	1	25-Jul-2015 21:21:10.0	yes
87	(87) SNF20070630-006	WFC3/UVIS	1	25-Jul-2015 21:21:10.0	yes
88	(88) SNF20070701-005	WFC3/UVIS	1	25-Jul-2015 21:21:11.0	yes
89	(89) SNF20070712-000	WFC3/UVIS	1	25-Jul-2015 21:21:11.0	yes
90	(90) SNF20070712-003	WFC3/UVIS	1	25-Jul-2015 21:21:11.0	yes
91	(91) SNF20070714-007	WFC3/UVIS	1	25-Jul-2015 21:21:12.0	yes
92	(92) SNF20070725-001	WFC3/UVIS	1	25-Jul-2015 21:21:12.0	yes
93	(93) SNF20070727-016	WFC3/UVIS	1	25-Jul-2015 21:21:13.0	yes
94	(94) SNF20070802-000	WFC3/UVIS	1	25-Jul-2015 21:21:13.0	yes
95	(95) SNF20070803-005	WFC3/UVIS	1	25-Jul-2015 21:21:14.0	yes
96	(96) SNF20070806-026	WFC3/UVIS	1	25-Jul-2015 21:21:14.0	yes
97	(97) SNF20070810-004	WFC3/UVIS	1	25-Jul-2015 21:21:15.0	yes
98	(98) SNF20070817-003	WFC3/UVIS	1	25-Jul-2015 21:21:15.0	yes
99	(99) SNF20070818-001	WFC3/UVIS	1	25-Jul-2015 21:21:15.0	yes
0A	(100) SNF20070902-018	WFC3/UVIS	1	25-Jul-2015 21:21:16.0	yes
0B	(101) SNF20070902-021	WFC3/UVIS	1	25-Jul-2015 21:21:16.0	yes
0C	(102) SNF20071001-005	WFC3/UVIS	1	25-Jul-2015 21:21:17.0	yes
0D	(103) SNF20071003-004	WFC3/UVIS	1	25-Jul-2015 21:21:17.0	yes
0E	(104) SNF20071015-000	WFC3/UVIS	1	25-Jul-2015 21:21:18.0	yes
0F	(105) SNF20071021-000	WFC3/UVIS	1	25-Jul-2015 21:21:18.0	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>
0G	(106) SNF20080323-009	WFC3/UVIS	1	25-Jul-2015 21:21:19.0	yes
0H	(107) SNF20080507-000	WFC3/UVIS	1	25-Jul-2015 21:21:19.0	yes
0I	(108) SNF20080510-001	WFC3/UVIS	1	25-Jul-2015 21:21:19.0	yes
0J	(109) SNF20080510-005	WFC3/UVIS	1	25-Jul-2015 21:21:20.0	yes
0K	(110) SNF20080512-008	WFC3/UVIS	1	25-Jul-2015 21:21:20.0	yes
0L	(111) SNF20080512-010	WFC3/UVIS	1	25-Jul-2015 21:21:21.0	yes
0M	(112) SNF20080516-000	WFC3/UVIS	1	25-Jul-2015 21:21:21.0	yes
0N	(113) SNF20080516-022	WFC3/UVIS	1	25-Jul-2015 21:21:22.0	yes
0O	(114) SNF20080522-000	WFC3/UVIS	1	25-Jul-2015 21:21:22.0	yes
0P	(115) SNF20080522-011	WFC3/UVIS	1	25-Jul-2015 21:21:23.0	yes
0Q	(116) SNF20080531-000	WFC3/UVIS	1	25-Jul-2015 21:21:23.0	yes
0R	(117) SNF20080610-000	WFC3/UVIS	1	25-Jul-2015 21:21:24.0	yes
0S	(118) SNF20080612-003	WFC3/UVIS	1	25-Jul-2015 21:21:24.0	yes
0T	(119) SNF20080620-000	WFC3/UVIS	1	25-Jul-2015 21:21:24.0	yes
0U	(120) SNF20080626-002	WFC3/UVIS	1	25-Jul-2015 21:21:25.0	yes
0V	(121) SNF20080714-008	WFC3/UVIS	1	25-Jul-2015 21:21:25.0	yes
0W	(122) SNF20080723-012	WFC3/UVIS	1	25-Jul-2015 21:21:26.0	yes
0X	(123) SNF20080802-006	WFC3/UVIS	1	25-Jul-2015 21:21:26.0	yes
0Y	(124) SNF20080803-000	WFC3/UVIS	1	25-Jul-2015 21:21:27.0	yes
0Z	(125) SNF20080806-002	WFC3/UVIS	1	25-Jul-2015 21:21:27.0	yes
1A	(126) SNF20080815-017	WFC3/UVIS	1	25-Jul-2015 21:21:28.0	yes
1B	(127) SNF20080821-000	WFC3/UVIS	1	25-Jul-2015 21:21:28.0	yes
1C	(128) SNF20080822-005	WFC3/UVIS	1	25-Jul-2015 21:21:28.0	yes
1D	(129) SNF20080908-000	WFC3/UVIS	1	25-Jul-2015 21:21:29.0	yes
1E	(130) SNF20080909-030	WFC3/UVIS	1	25-Jul-2015 21:21:29.0	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>
1F	(131) SNF20080913-031	WFC3/UVIS	1	25-Jul-2015 21:21:30.0	yes
1G	(132) SNF20080914-001	WFC3/UVIS	1	25-Jul-2015 21:21:30.0	yes
1H	(133) SNF20080918-000	WFC3/UVIS	1	25-Jul-2015 21:21:31.0	yes
1I	(134) SNF20080918-004	WFC3/UVIS	1	25-Jul-2015 21:21:31.0	yes
1J	(135) SNF20080919-002	WFC3/UVIS	1	25-Jul-2015 21:21:32.0	yes
1K	(136) SNF20080920-000	WFC3/UVIS	1	25-Jul-2015 21:21:32.0	yes

136 Total Orbits Used

### **ABSTRACT**

Type Ia supernovae are excellent distance indicators and provide a unique probe for measuring the expansion history of the Universe. They play key roles both in measuring the Hubble Constant,  $H_0$ , and the dark energy equation of state,  $w$ . However their exact nature remains uncertain and astrophysical dependencies have been identified and shown to significantly affect the measurements of  $H_0$  and  $w$ . Recently we have used a unique sample having local host information to demonstrate that, far from being a problem, correlations between standardized SN Ia brightnesses and properties of their local environment can be used to improve SNe Ia as distance indicators. These correlations can be used to both reduce the dispersion in standardized brightnesses and correct existing biases.

This proposal aims to analyze both global and local properties using UV-to-optical photometry in order to understand the source of the SN astrophysical biases found so far, and to use that knowledge to develop tools with which future high-redshift SN Ia surveys can correct or exploit these correlations. The UV data necessary to break the degeneracy between stellar ages and dust extinction is only accessible from space, and in

the UV, only HST can provide the angular resolution necessary to study the environments of nearby smooth Hubble-flow SN Ia hosts on the kpc scale.

### **OBSERVING DESCRIPTION**

Measure the UV flux of the host-environment (Local and Global) of the Hubble-Flow SNe Ia.

This aims to understand how ISM-dust and/or stellar-age explains the observed environmental dependencies of SN Ia distance measurement ; hence affecting the Hubble Constant and the dark energy equation of state parameter.

Proposal 14163 - Visit 01 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:35 GMT 2015

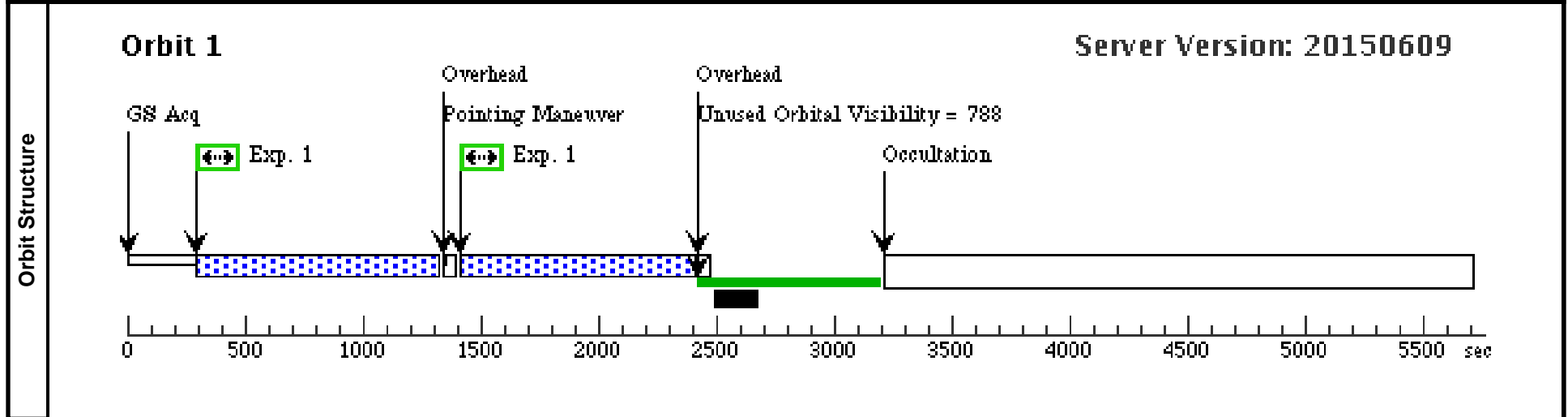
<b>Visit</b>	<b>Proposal 14163, Visit 01, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	LSQ12EKL	RA: 23 11 25.5600 (347.8565000d) Dec: -01 51 54.00 (-1.86500d) Equinox: J2000	Redshift: 0.082	V=21.43	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) LSQ12EKL	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -70.35,- 32.35	Pattern 1, Exps 1-1 i n Visit 01 (1)	1000 Secs (2000 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 02 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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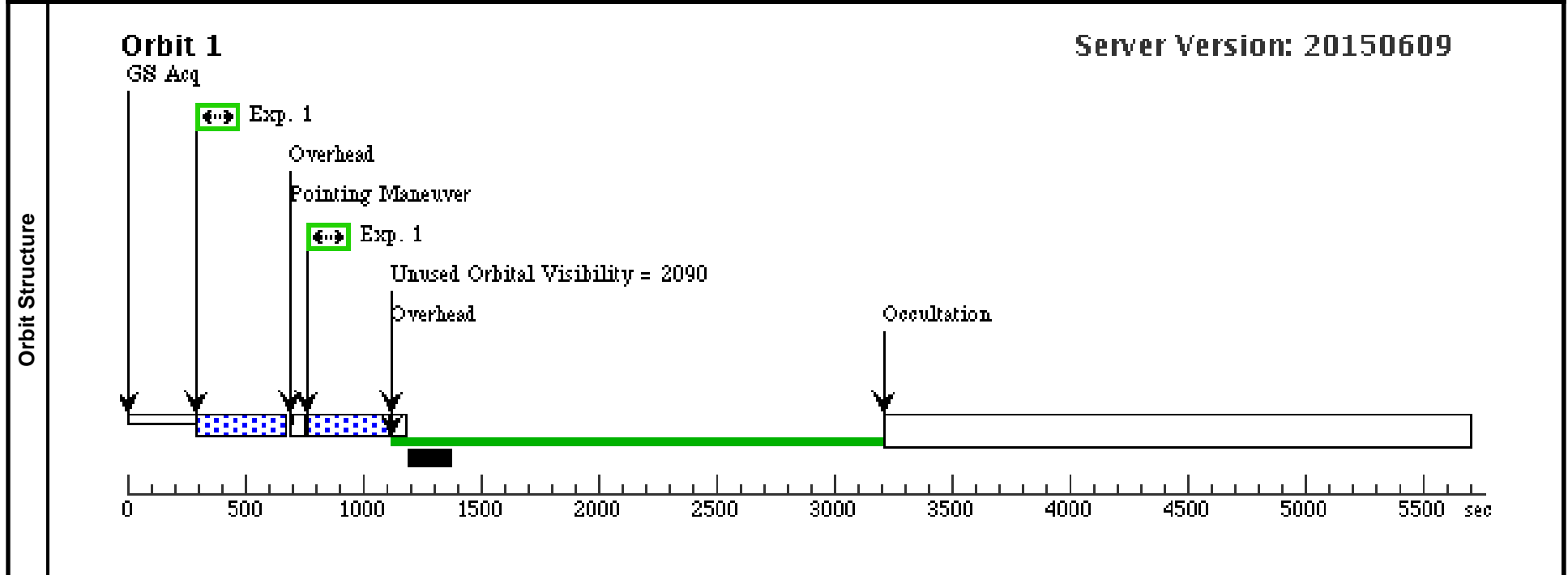
<b>Visit</b>	<b>Proposal 14163, Visit 02, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	LSQ12FHE	RA: 21 32 9.6240 (323.0401000d) Dec: -05 43 41.16 (-5.72810d) Equinox: J2000	Redshift: 0.02747	V=17.71	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) LSQ12FHE	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -47,-13	Pattern 1, Exps 1-1 i n Visit 02 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 03 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

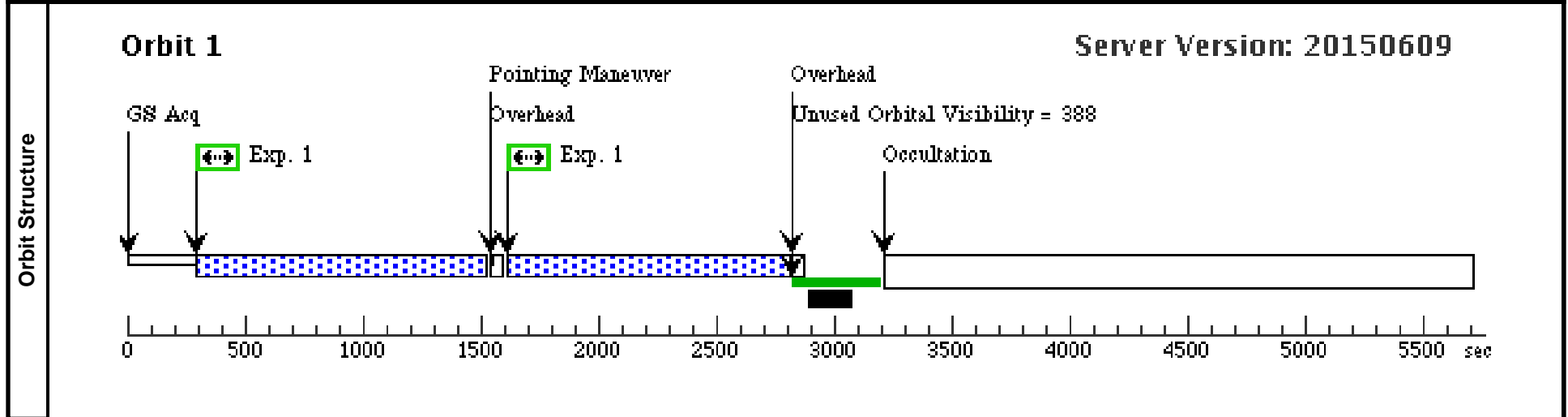
Sun Jul 26 01:21:35 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 03, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	LSQ12FMX	RA: 03 12 52.9440 (48.2206000d) Dec: -00 12 24.12 (-.20670d) Equinox: J2000	Redshift: 0.06747	V=22.85	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) LSQ12FMX	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -60.72,- 23.72	Pattern 1, Exps 1-1 i n Visit 03 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 04 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:35 GMT 2015

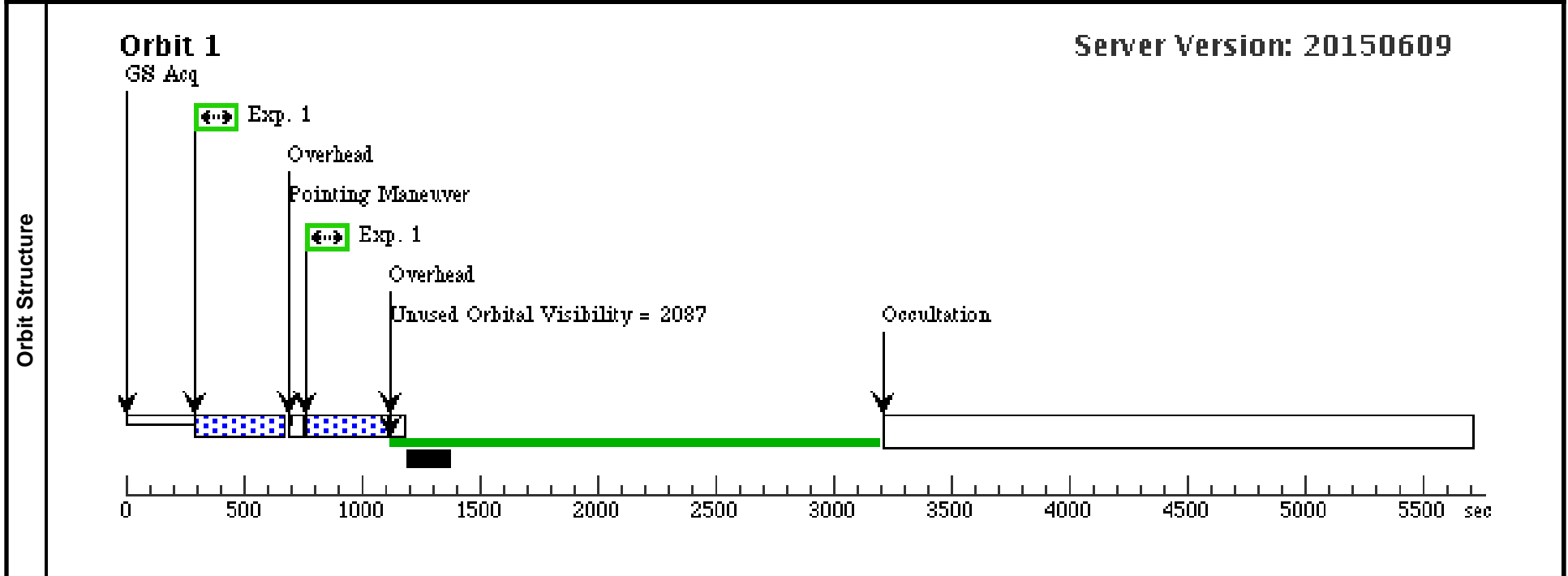
<b>Visit</b>	<b>Proposal 14163, Visit 04, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	LSQ13VY	RA: 16 06 55.6080 (241.7317000d) Dec: +03 00 4.68 (3.00130d) Equinox: J2000	Redshift: 0.032	V=18.99	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) LSQ13VY	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -55.00,- 18.00	Pattern 1, Exps 1-1 i n Visit 04 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 05 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:35 GMT 2015

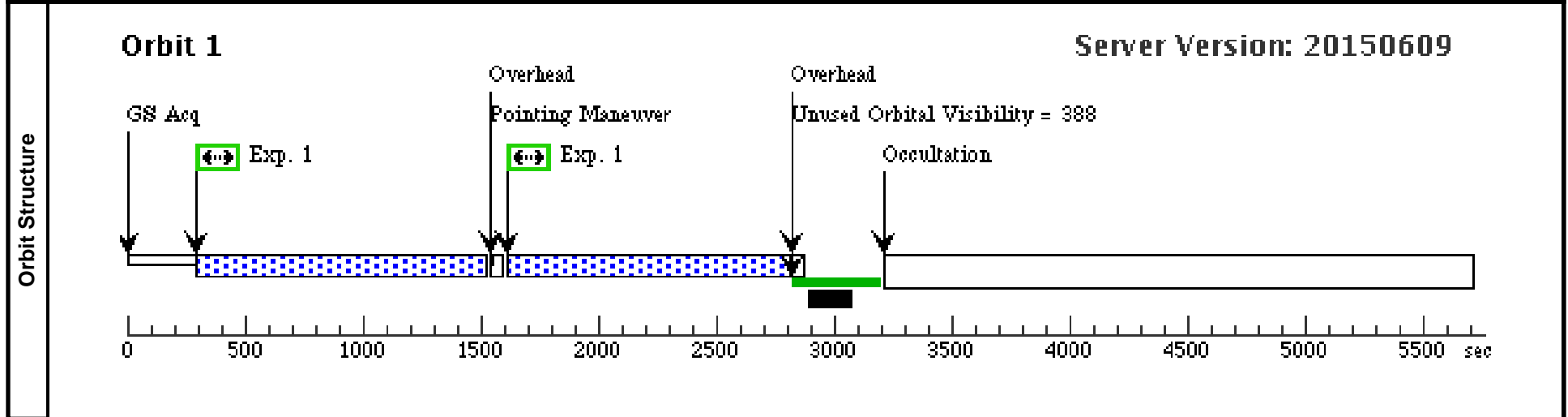
<b>Visit</b>	<b>Proposal 14163, Visit 05, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	PS010010	RA: 10 03 25.8240 (150.8576000d) Dec: +01 01 43.32 (1.02870d) Equinox: J2000	Redshift: 0.09841	V=22.01	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) PS010010	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -68.15,- 31.15	Pattern 1, Exps 1-1 i n Visit 05 (1)	1200 Secs (2400 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 06 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

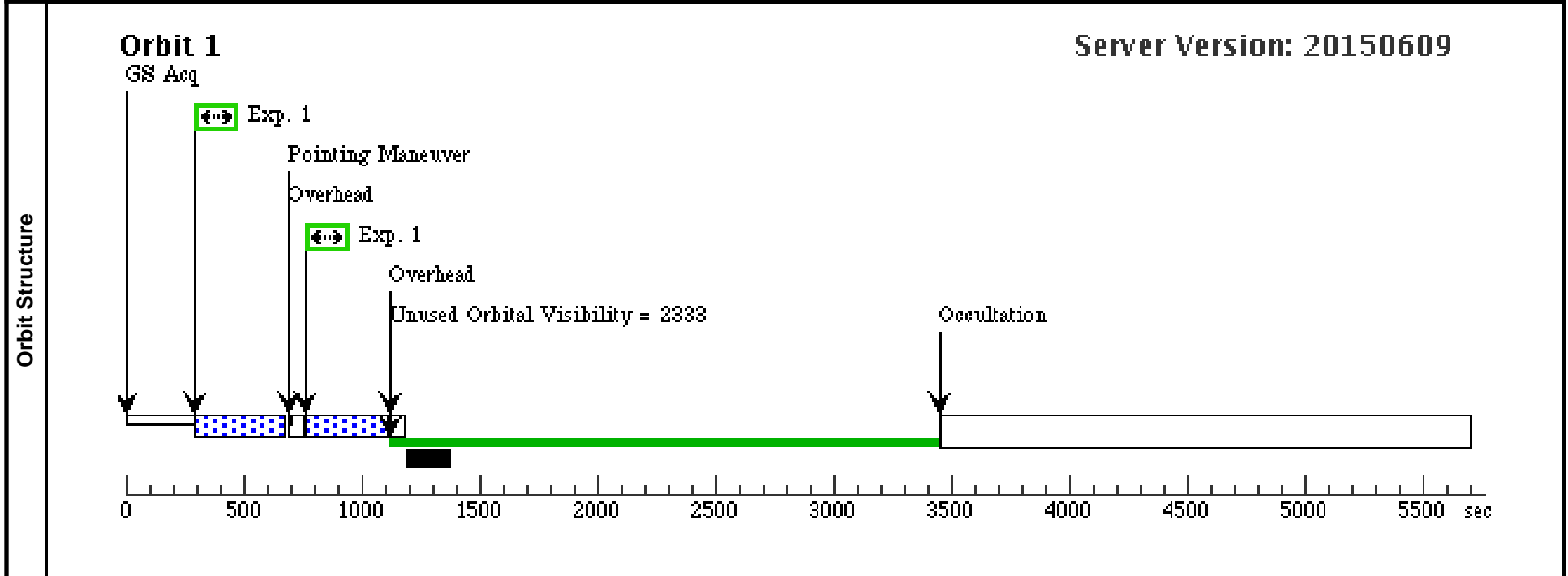
Sun Jul 26 01:21:35 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 06, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	PS010026	RA: 10 42 41.2800 (160.6720000d) Dec: +58 50 39.84 (58.84440d) Equinox: J2000	Redshift: 0.03123	V=18.24	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) PS010026	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -54.52,- 15.52	Pattern 1, Exps 1-1 i n Visit 06 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 07 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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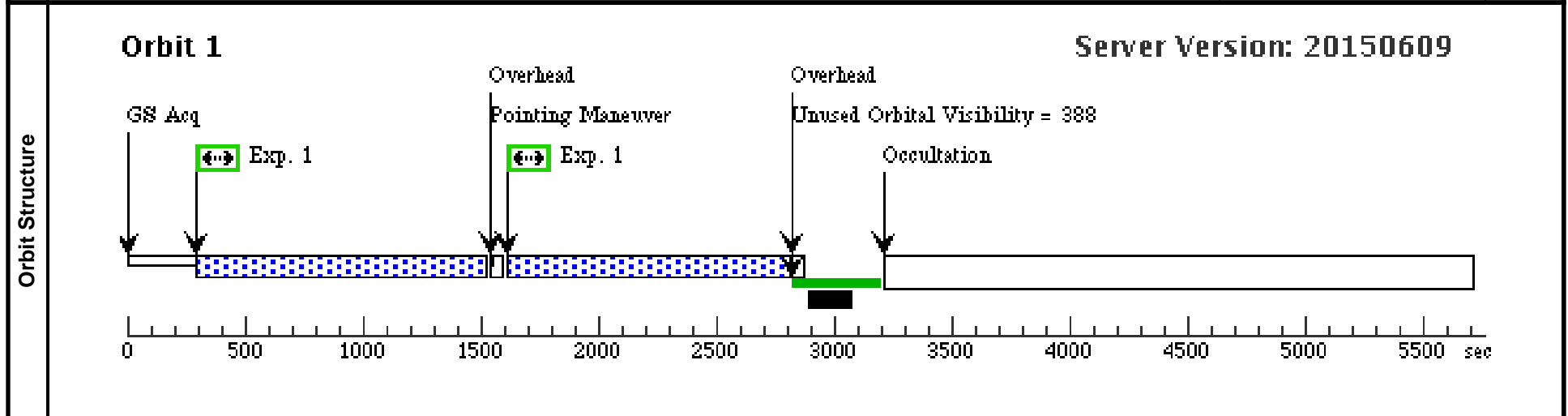
<b>Visit</b>	<b>Proposal 14163, Visit 07, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	PS070242	RA: 02 27 12.0960 (36.8004000d) Dec: -04 31 49.08 (-4.53030d) Equinox: J2000	Redshift: 0.065	V=25.0	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) PS070242	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -58.90,- 20.90	Pattern 1, Exps 1-1 i n Visit 07 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 08 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

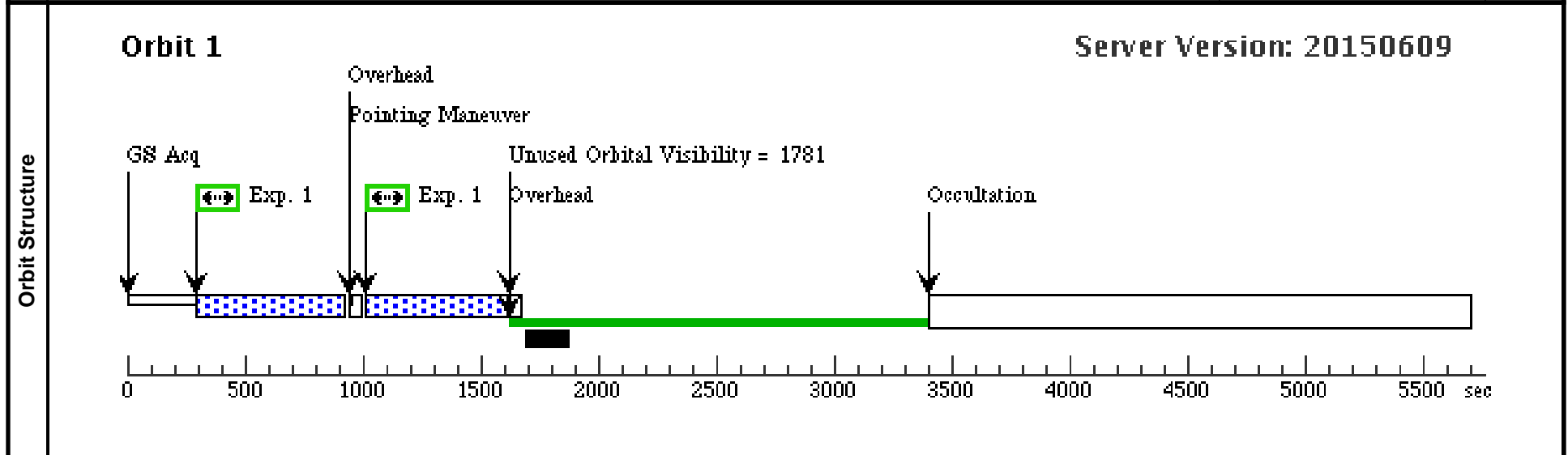
Sun Jul 26 01:21:35 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 08, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	PS130308	RA: 14 12 56.9040 (213.2371000d) Dec: +52 44 37.32 (52.74370d) Equinox: J2000	Redshift: 0.08177	V=19.26	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(8) PS130308	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -57.68,- 20.68	Pattern 1, Exps 1-1 i n Visit 08 (1)	600 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 09 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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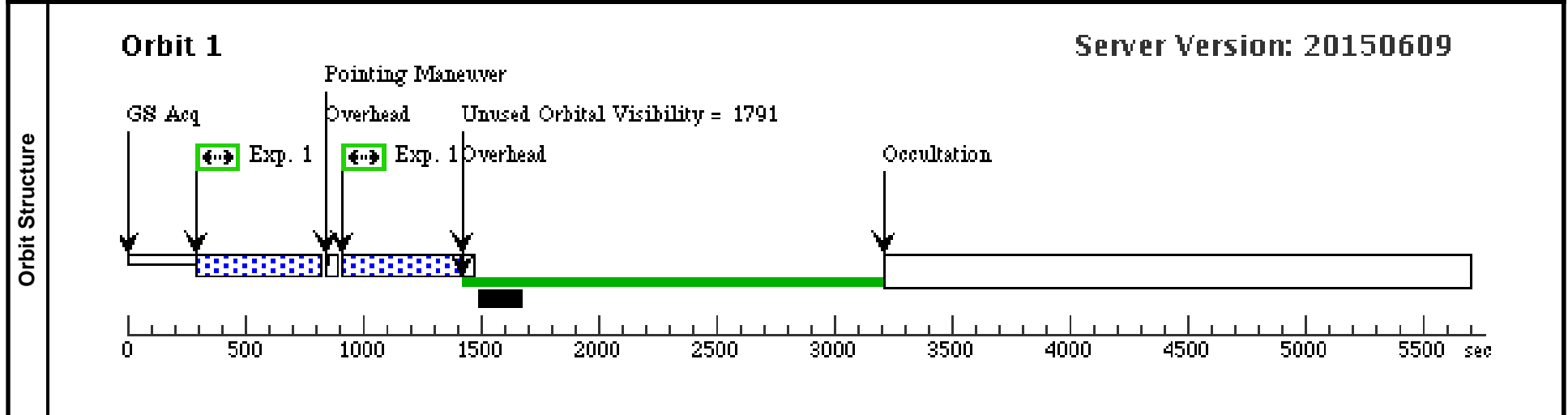
<b>Visit</b>	<b>Proposal 14163, Visit 09, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	PTF09DLC	RA: 21 46 30.0000 (326.6250000d) Dec: +06 25 6.96 (6.41860d) Equinox: J2000	Redshift: 0.06737	V=21.23	Reference Frame: ICRS

Comments: Extended=YES

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) PTF09DLC	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -72.55,- 34.55	Pattern 1, Exps 1-1 i n Visit 09 (1)	500 Secs (1000 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 10 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:36 GMT 2015

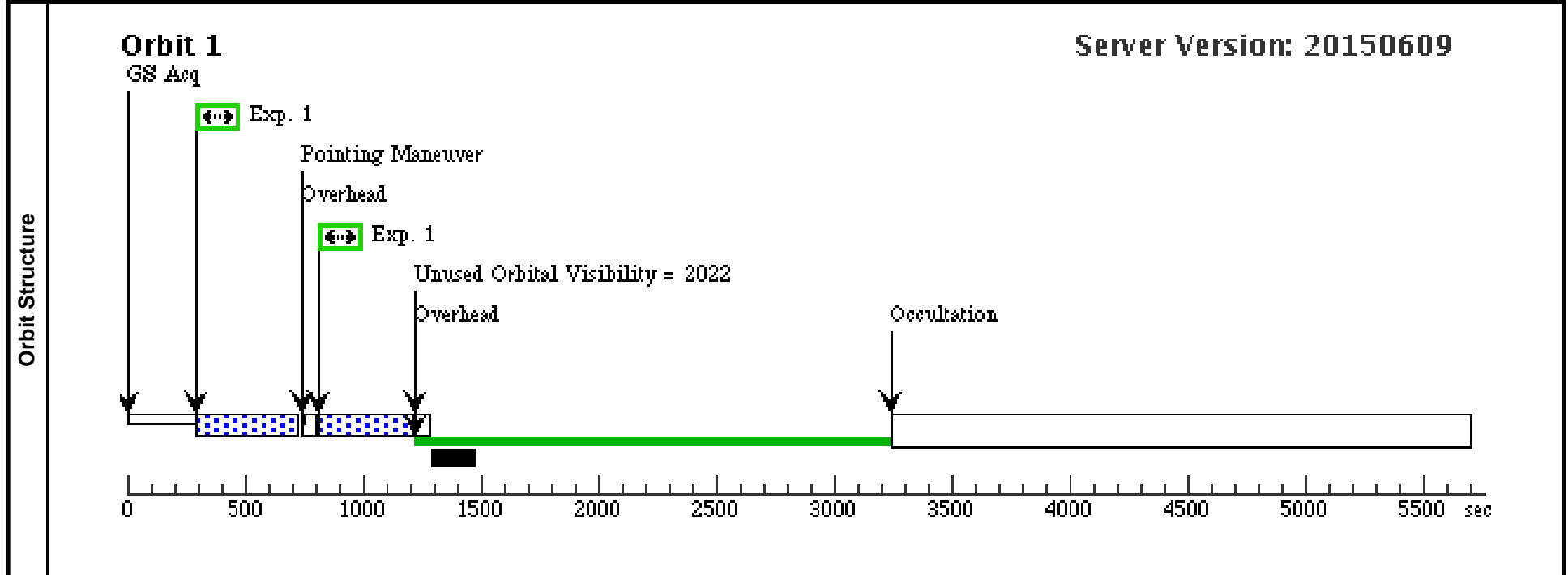
<b>Visit</b>	<b>Proposal 14163, Visit 10, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	PTF09DNL	RA: 17 23 41.7120 (260.9238000d) Dec: +30 29 50.64 (30.49740d) Equinox: J2000	Redshift: 0.02338	V=19.17	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) PTF09DNL	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -63.15,- 26.15	Pattern 1, Exps 1-1 i n Visit 10 (1)	400 Secs (800 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 11 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:36 GMT 2015

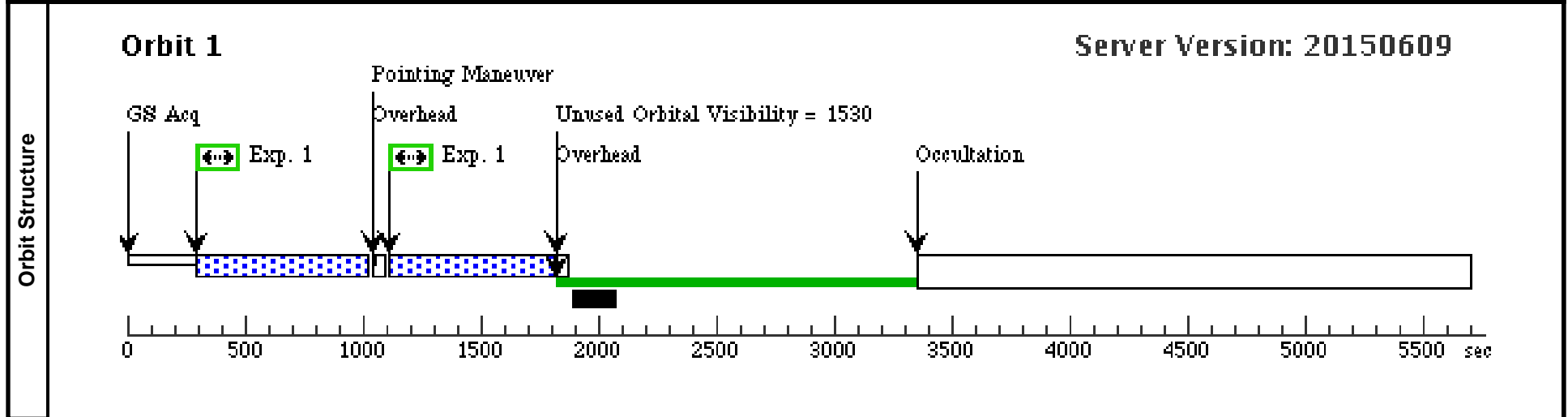
<b>Visit</b>	<b>Proposal 14163, Visit 11, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	PTF09DNP	RA: 15 19 25.3440 (229.8556000d) Dec: +49 30 5.04 (49.50140d) Equinox: J2000	Redshift: 0.03717	V=20.09	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) PTF09DNP	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -54.99,- 15.99	Pattern 1, Exps 1-1 i n Visit 11 (1)	700 Secs (1400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 12 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:36 GMT 2015

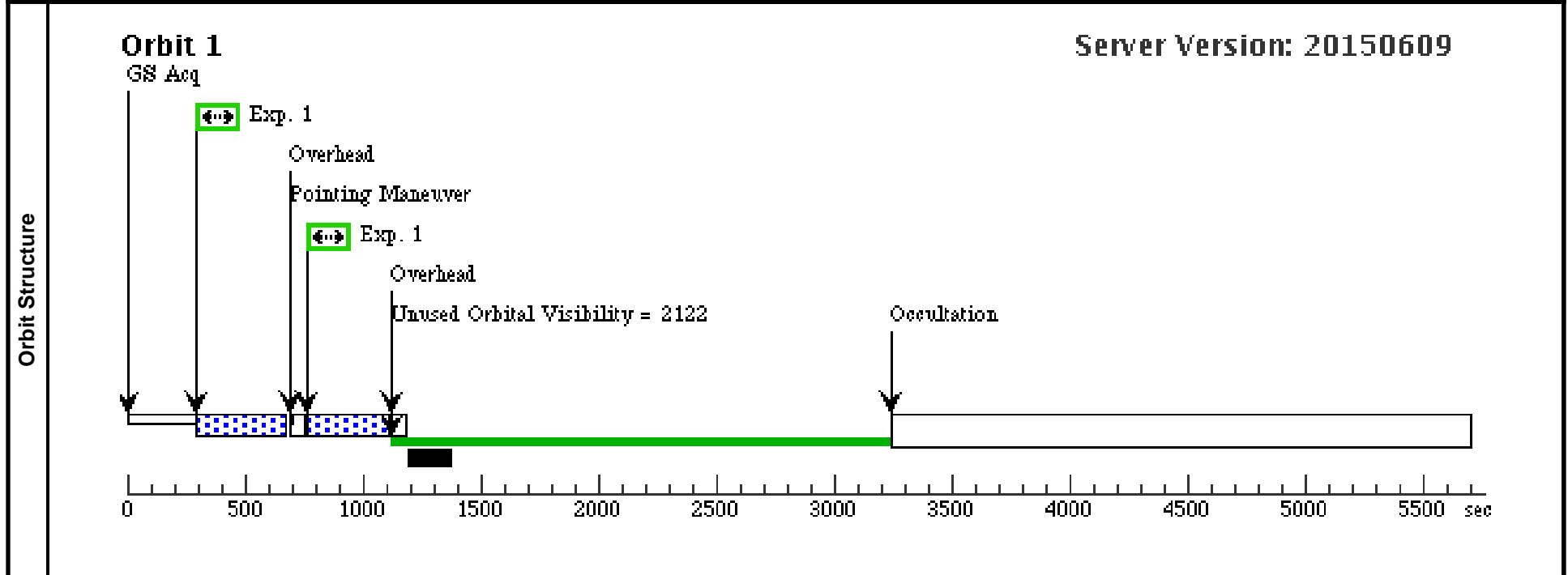
<b>Visit</b>	<b>Proposal 14163, Visit 12, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	PTF09FOX	RA: 23 20 47.8080 (350.1992000d) Dec: +32 30 6.12 (32.50170d) Equinox: J2000	Redshift: 0.07254	V=19.03	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(12) PTF09FOX	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -68.53,- 31.53	Pattern 1, Exps 1-1 i n Visit 12 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 13 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

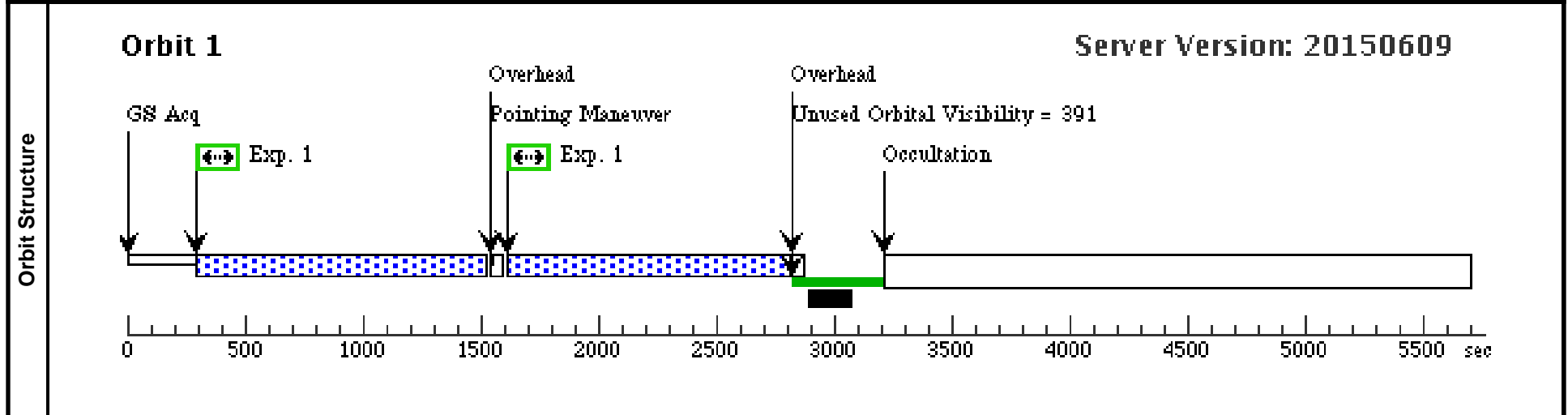
Sun Jul 26 01:21:36 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 13, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(13)	PTF09FOZ	RA: 00 42 11.9280 (10.5497000d) Dec: -09 52 54.84 (-9.88190d) Equinox: J2000	Redshift: 0.05406	V=18.78	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(13) PTF09FOZ	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -62.67,- 24.67	Pattern 1, Exps 1-1 i n Visit 13 (1)	1200 Secs (2400 Secs)	[1]
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	



Proposal 14163 - Visit 14 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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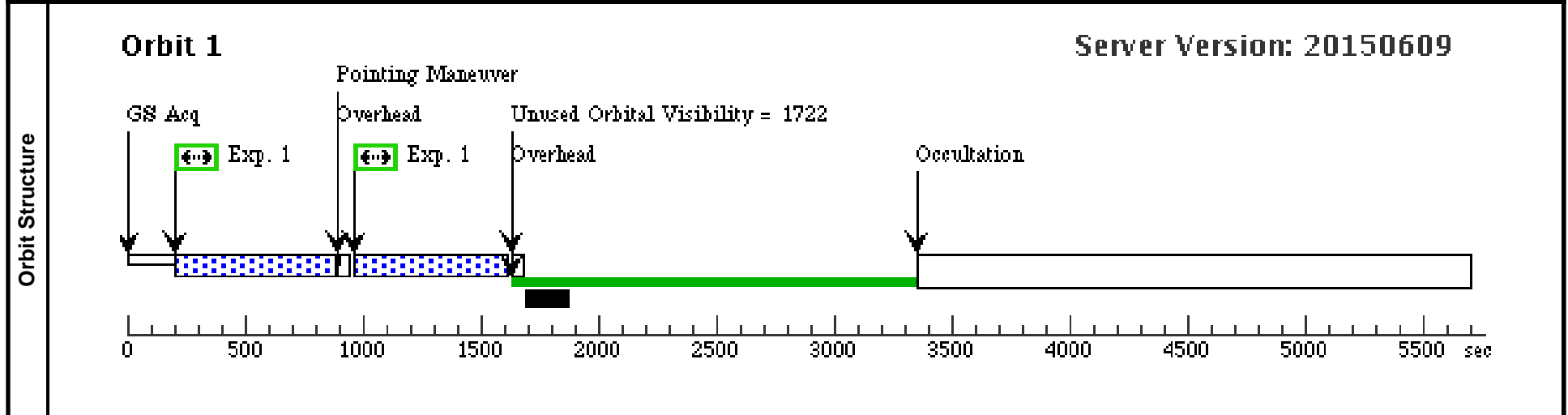
<b>Visit</b>	<b>Proposal 14163, Visit 14, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	PTF10HMV	RA: 12 11 33.3120 (182.8888000d) Dec: +47 16 28.56 (47.27460d) Equinox: J2000	Redshift: 0.03152	V=19.49	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(14) PTF10HMV	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -67.66,-30.66; GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 in Visit 14 (1)	650 Secs (1300 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 15 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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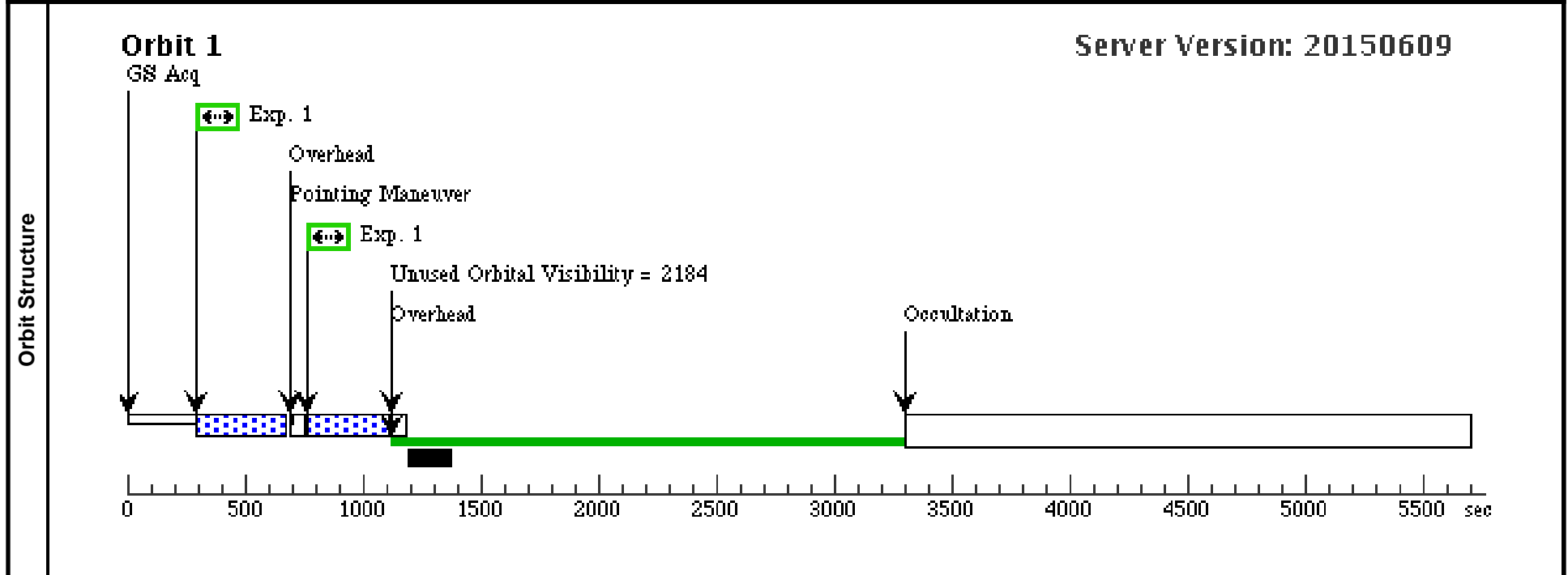
<b>Visit</b>	<b>Proposal 14163, Visit 15, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	PTF10MWB	RA: 17 17 50.1120 (259.4588000d) Dec: +40 52 52.68 (40.88130d) Equinox: J2000	Redshift: 0.03136	V=19.14	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(15) PTF10MWB	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -60.25,- 21.25	Pattern 1, Exps 1-1 i n Visit 15 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 16 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:36 GMT 2015

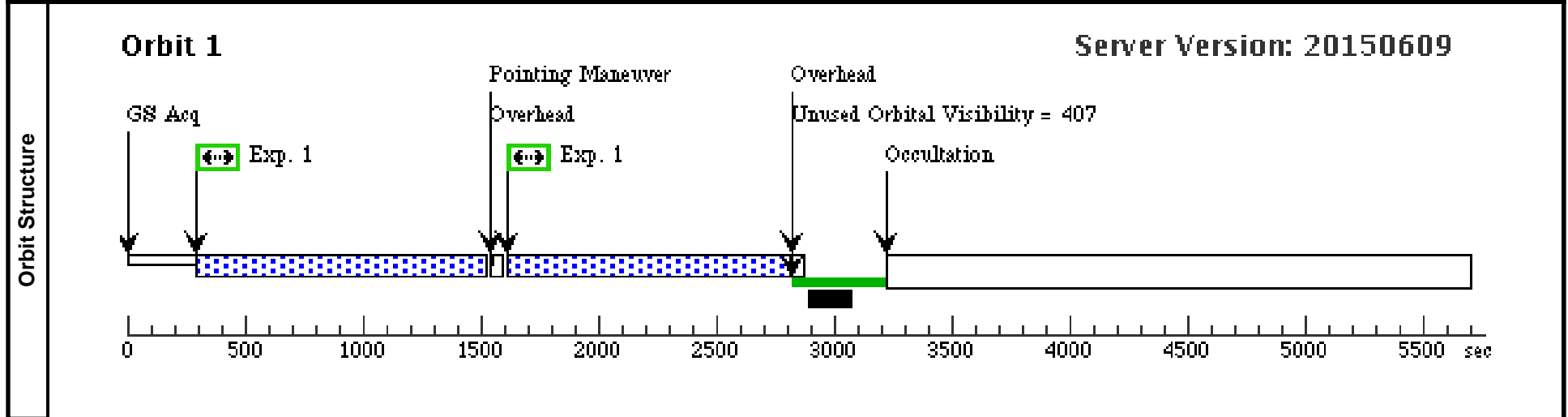
<b>Visit</b>	<b>Proposal 14163, Visit 16, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	PTF10NDC	RA: 17 19 49.8720 (259.9578000d) Dec: +28 42 1.44 (28.70040d) Equinox: J2000	Redshift: 0.0812	V=22.79	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(16) PTF10NDC	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -68.00,- 31.00	Pattern 1, Exps 1-1 i n Visit 16 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 17 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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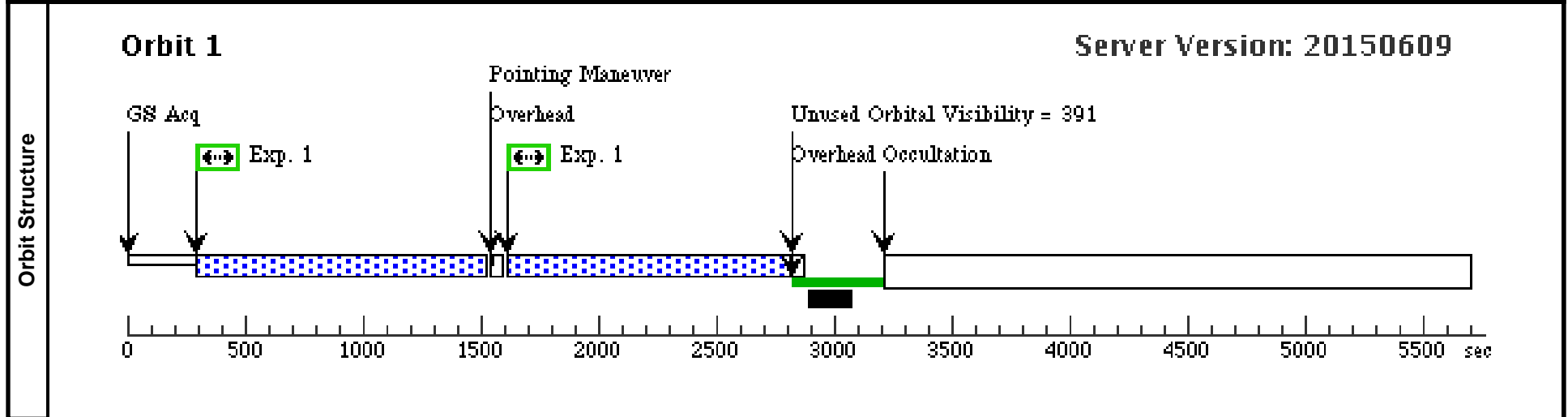
<b>Visit</b>	<b>Proposal 14163, Visit 17, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	PTF10OPS	RA: 21 47 33.4560 (326.8894000d) Dec: +05 51 30.24 (5.85840d) Equinox: J2000	Redshift: 0.06	V=23.45	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(17) PTF10OPS	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.81,- 27.81	Pattern 1, Exps 1-1 i n Visit 17 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 18 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

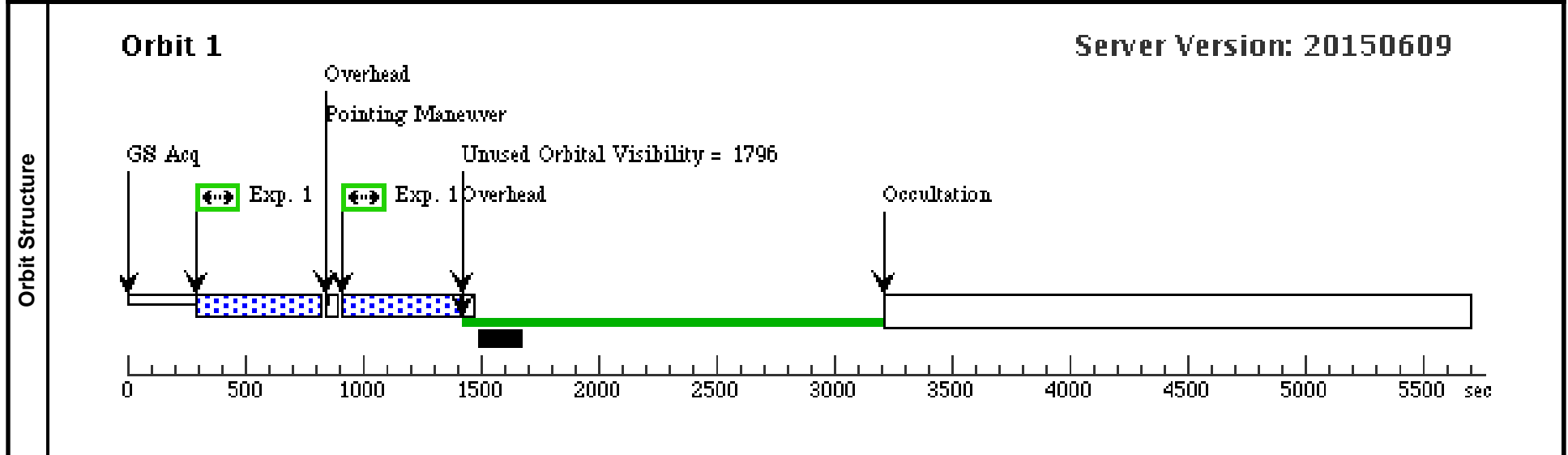
Sun Jul 26 01:21:36 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 18, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	PTF10QJL	RA: 16 39 59.2560 (249.9969000d) Dec: +12 06 26.64 (12.10740d) Equinox: J2000	Redshift: 0.05746	V=20.46	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) PTF10QJL	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -64.95,- 27.95	Pattern 1, Exps 1-1 i n Visit 18 (1)	500 Secs (1000 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 19 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

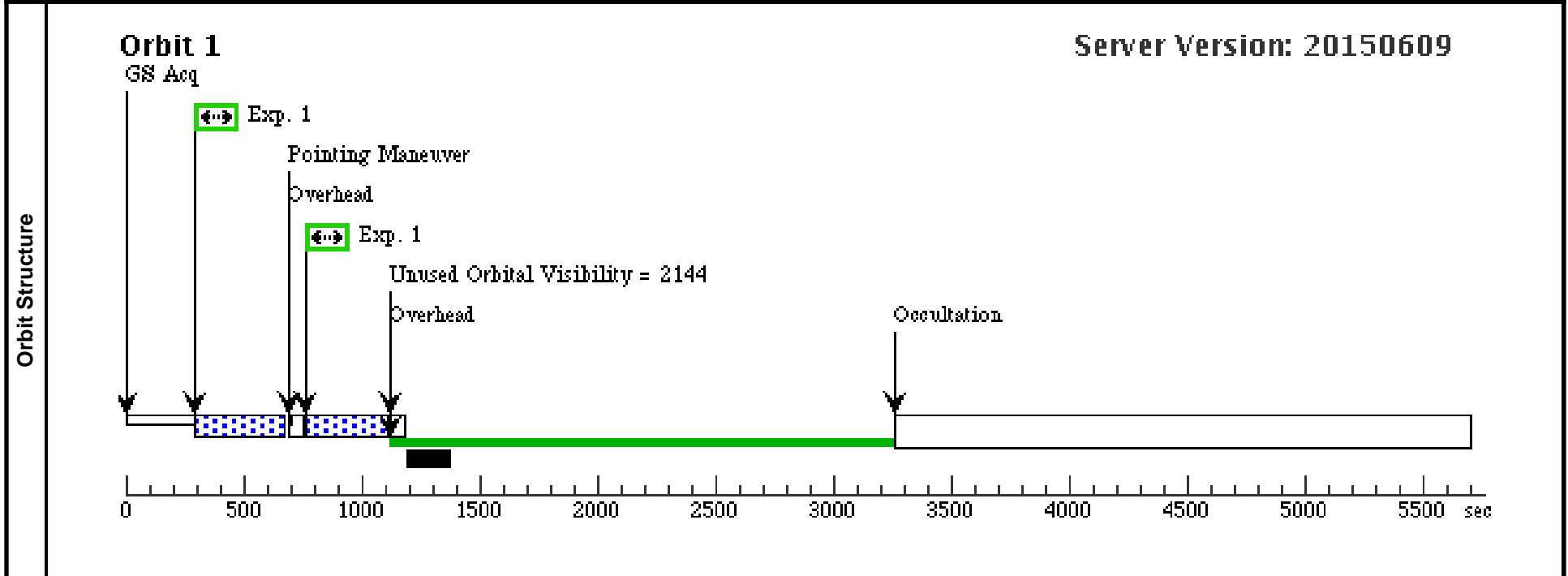
Sun Jul 26 01:21:36 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 19, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(19)	PTF10QJQ	RA: 17 07 12.3840 (256.8016000d) Dec: +35 30 36.00 (35.51000d) Equinox: J2000	Redshift: 0.02811	V=16.04	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(19) PTF10QJQ	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -53.35,- 16.35	Pattern 1, Exps 1-1 i n Visit 19 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 20 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:36 GMT 2015

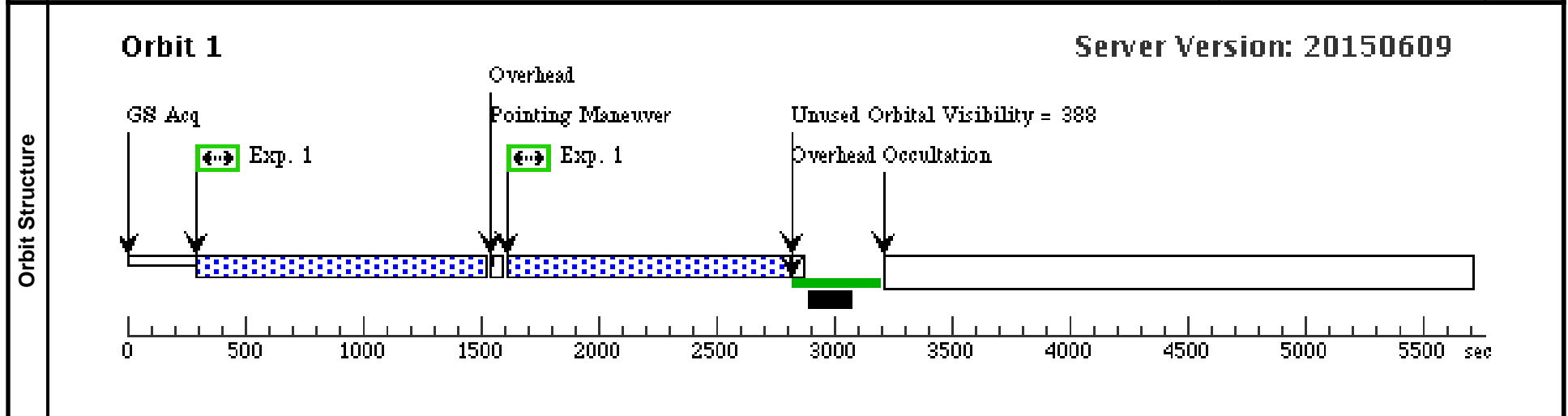
<b>Visit</b>	<b>Proposal 14163, Visit 20, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	PTF10QYZ	RA: 02 27 12.0000 (36.8000000d) Dec: -04 32 5.28 (-4.53480d) Equinox: J2000	Redshift: 0.06	V=25.4	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) PTF10QYZ	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.18,- 27.18	Pattern 1, Exps 1-1 i n Visit 20 (1)	1200 Secs (2400 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 21 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:36 GMT 2015

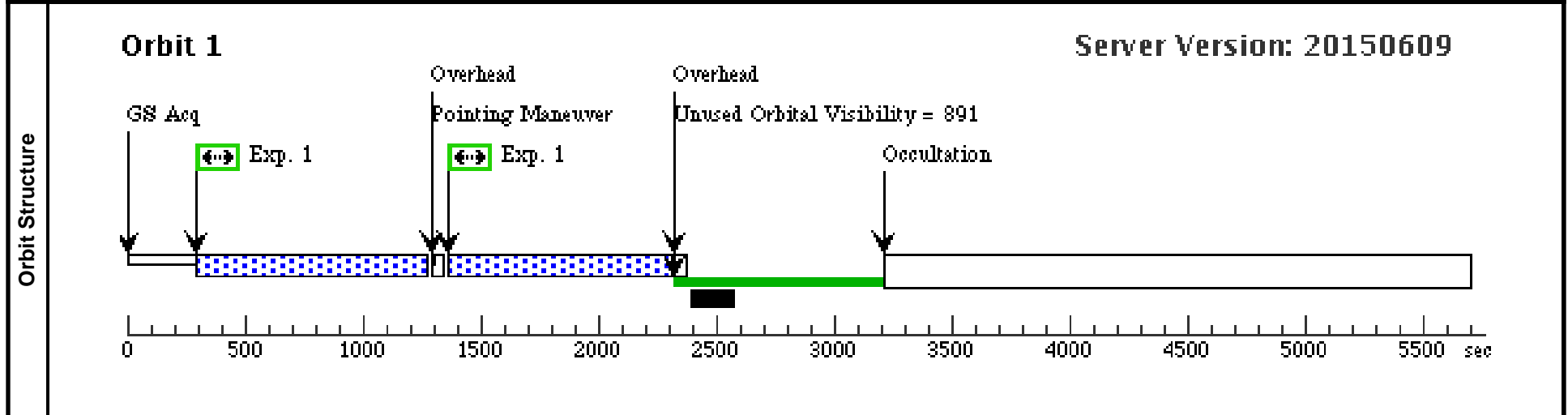
<b>Visit</b>	<b>Proposal 14163, Visit 21, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(21)	PTF10TCE	RA: 23 19 9.7440 (349.7906000d) Dec: +09 11 45.60 (9.196000d) Equinox: J2000	Redshift: 0.04095	V=20.18	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(21) PTF10TCE	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -56.75,- 19.75	Pattern 1, Exps 1-1 i n Visit 21 (1)	950 Secs (1900 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 22 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:36 GMT 2015

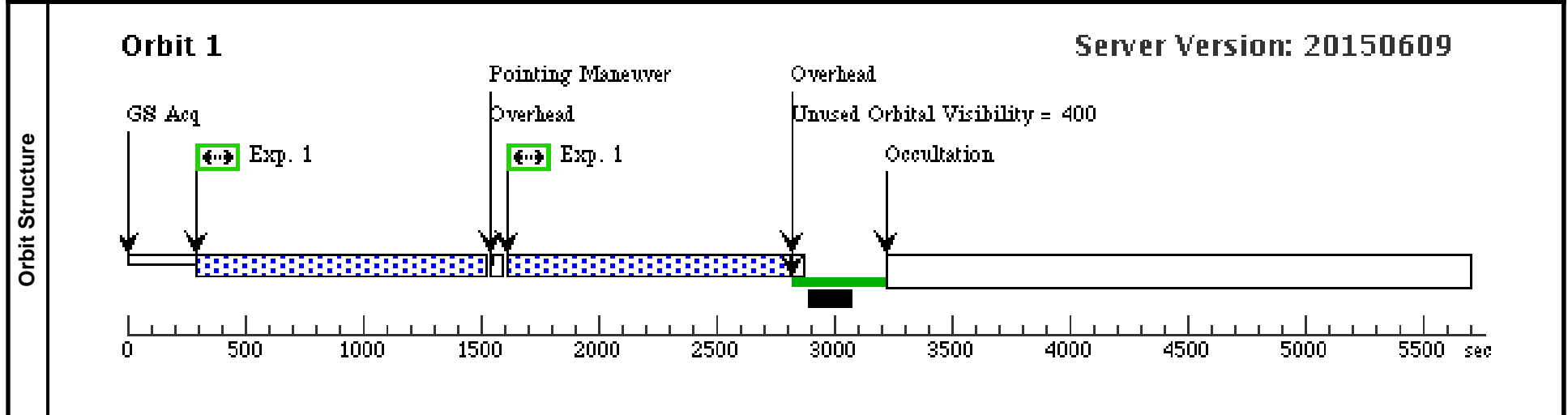
<b>Visit</b>	<b>Proposal 14163, Visit 22, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(22)	PTF10UFJ	RA: 02 25 37.6560 (36.4069000d) Dec: +24 45 57.60 (24.76600d) Equinox: J2000	Redshift: 0.07	V=24.6	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(22) PTF10UFJ	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -57.03,- 20.03	Pattern 1, Exps 1-1 i n Visit 22 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 23 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:36 GMT 2015

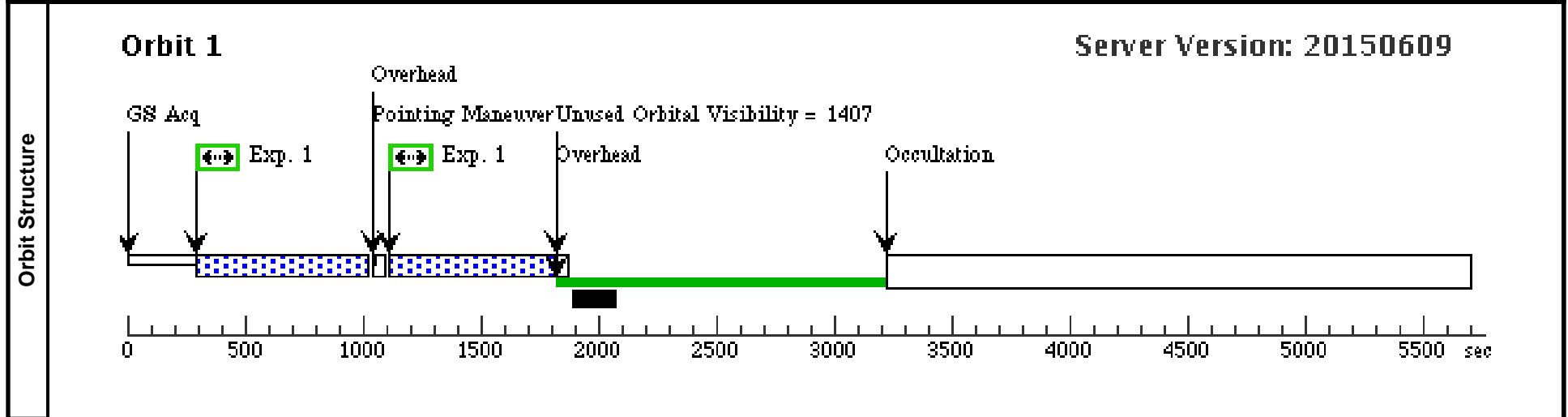
<b>Visit</b>	<b>Proposal 14163, Visit 23, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(23)	PTF10WNM	RA: 00 22 3.6960 (5.5154000d) Dec: +27 02 21.48 (27.03930d) Equinox: J2000	Redshift: 0.07	V=20.04	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(23) PTF10WNM	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -62.60,- 24.60	Pattern 1, Exps 1-1 i n Visit 23 (1)	700 Secs (1400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 24 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

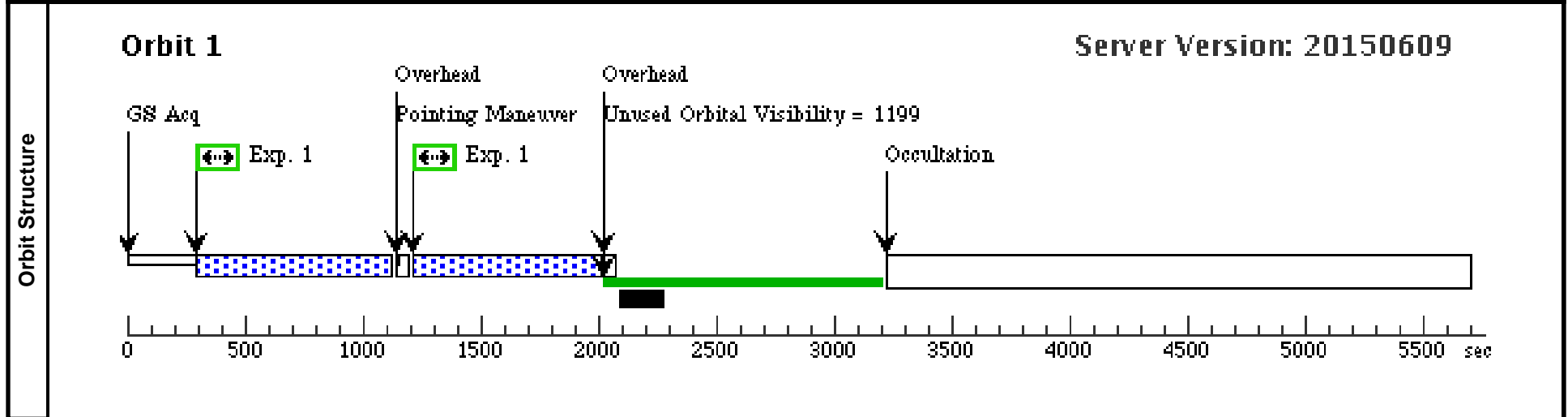
Sun Jul 26 01:21:36 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 24, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(24)	PTF10WOF	RA: 23 32 41.3760 (353.1724000d) Dec: +15 21 31.68 (15.35880d) Equinox: J2000	Redshift: 0.05256	V=20.03	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(24) PTF10WOF	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -62.02,- 23.02	Pattern 1, Exps 1-1 i n Visit 24 (1)	800 Secs (1600 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 25 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:37 GMT 2015

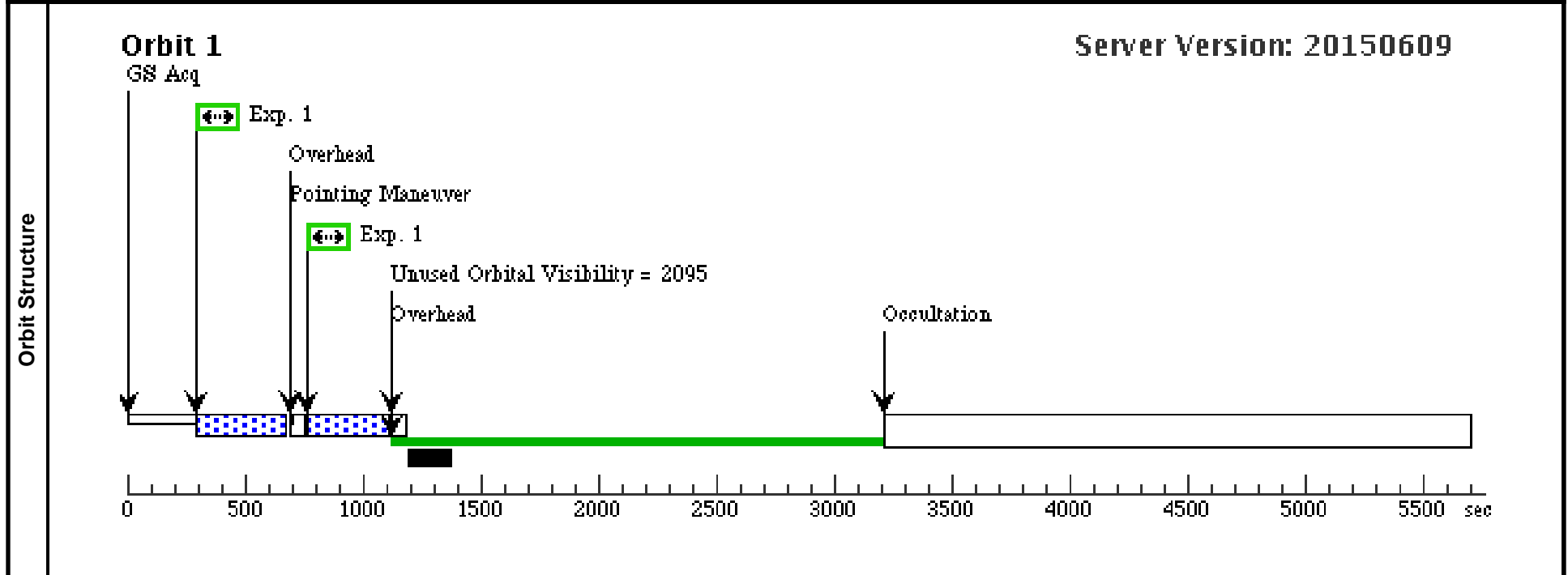
<b>Visit</b>	<b>Proposal 14163, Visit 25, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(25)	PTF10XYT	RA: 23 19 2.4240 (349.7601000d) Dec: +13 47 26.16 (13.79060d) Equinox: J2000	Redshift: 0.049	V=18.64	Reference Frame: ICRS

Comments: Extended=YES

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(25) PTF10XYT	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -68.94,- 30.94	Pattern 1, Exps 1-1 i n Visit 25 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 26 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:37 GMT 2015

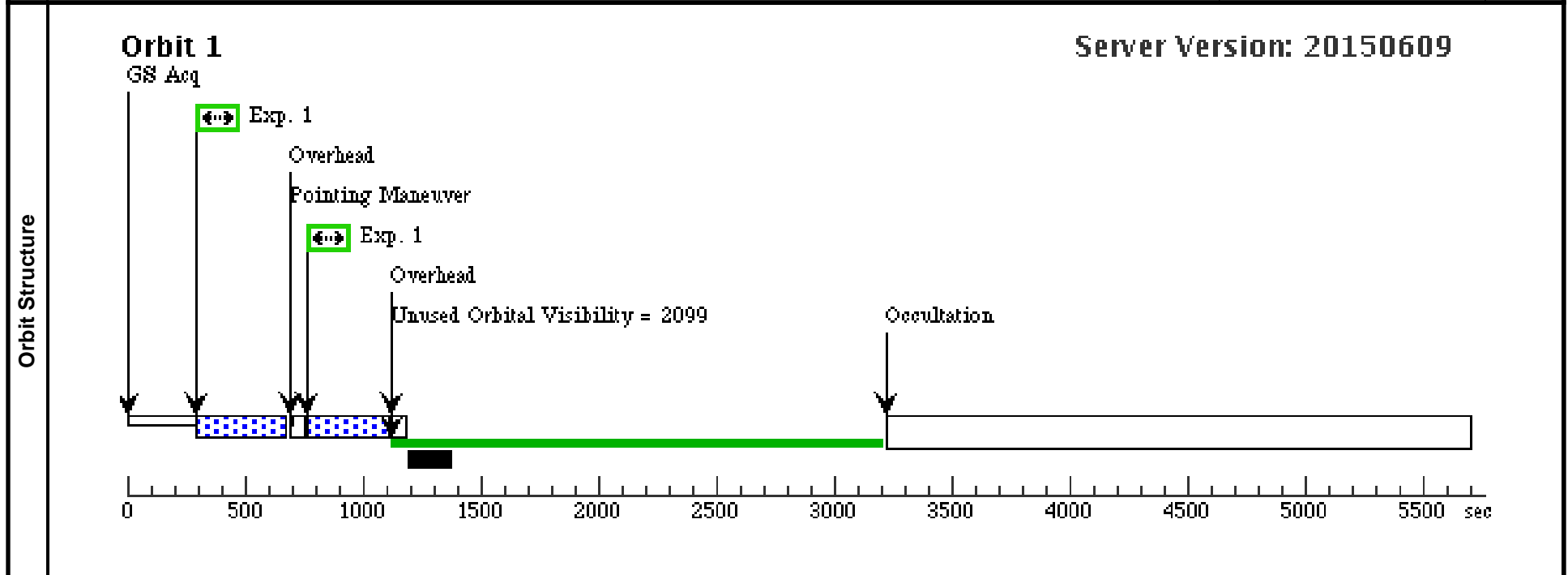
<b>Visit</b>	<b>Proposal 14163, Visit 26, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(26)	PTF10ZDK	RA: 02 14 7.4400 (33.5310000d) Dec: +23 37 48.36 (23.63010d) Equinox: J2000	Redshift: 0.034	V=17.07	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(26) PTF10ZDK	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -59.95,- 22.95	Pattern 1, Exps 1-1 i n Visit 26 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 27 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

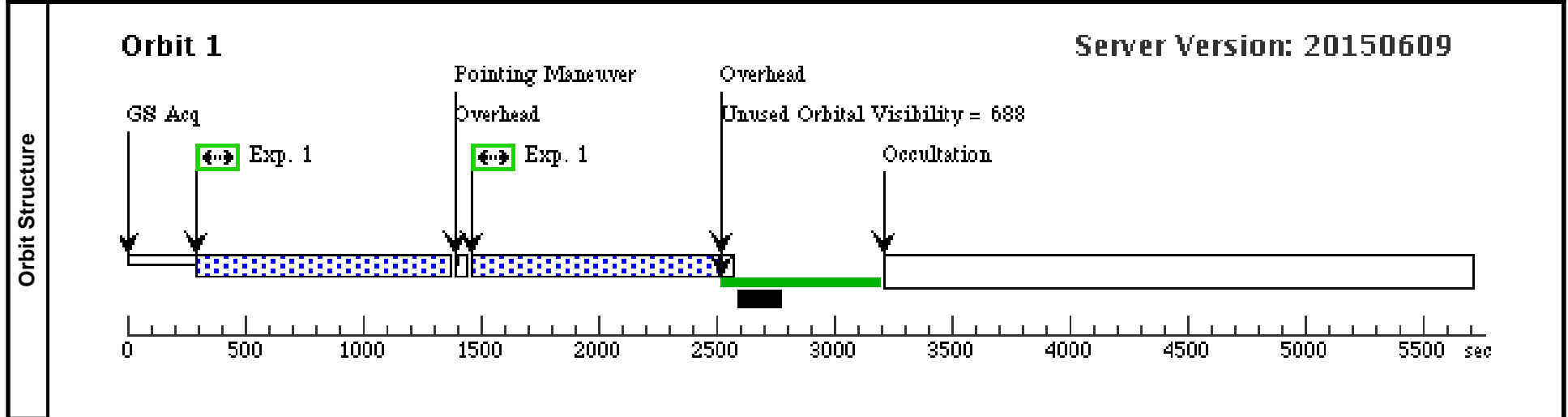
Sun Jul 26 01:21:37 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 27, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(27)	SN2005ED	RA: 00 02 49.2480 (.7052000d) Dec: +00 45 5.76 (.75160d) Equinox: J2000	Redshift: 0.08504	V=19.4	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(27) SN2005ED	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.13,- 27.13	Pattern 1, Exps 1-1 i n Visit 27 (1)	1050 Secs (2100 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 28 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

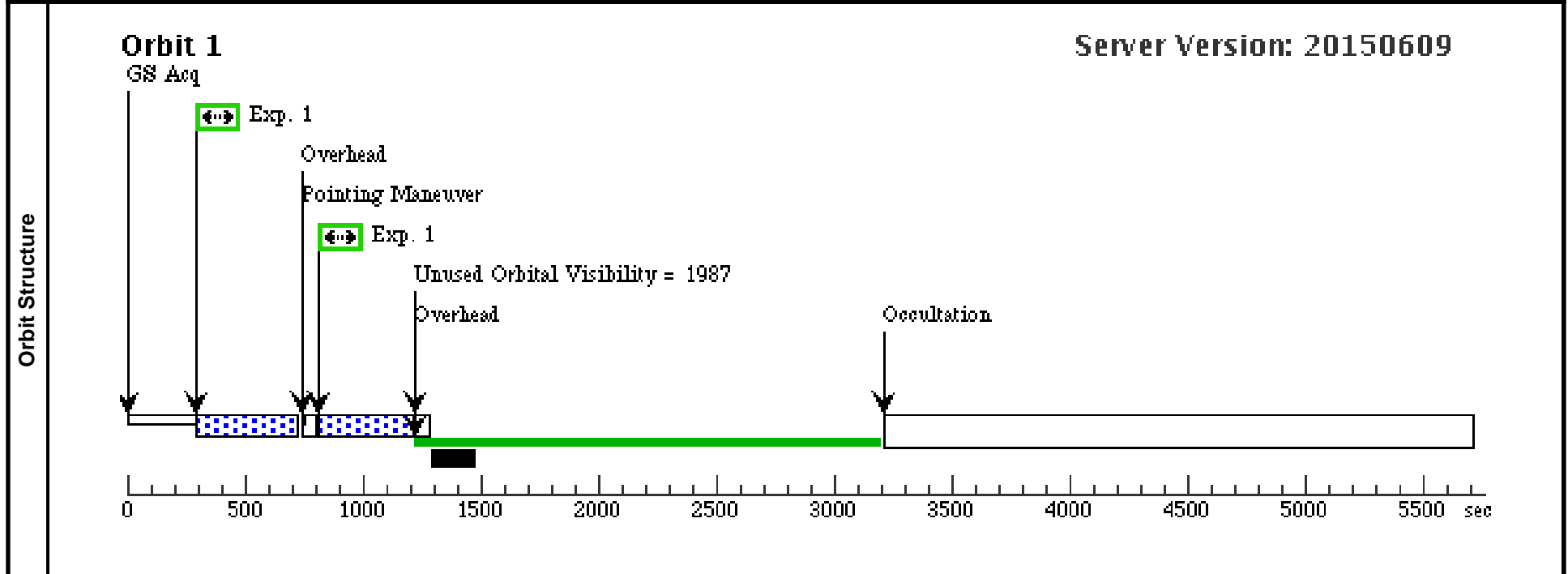
Sun Jul 26 01:21:37 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 28, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(28)	SN2005EX	RA: 01 41 51.2400 (25.4635000d) Dec: -00 52 35.04 (-.87640d) Equinox: J2000	Redshift: 0.09227	V=19.1	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(28) SN2005EX	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -70.15,- 32.15	Pattern 1, Exps 1-1 i n Visit 28 (1)	400 Secs (800 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 29 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:37 GMT 2015

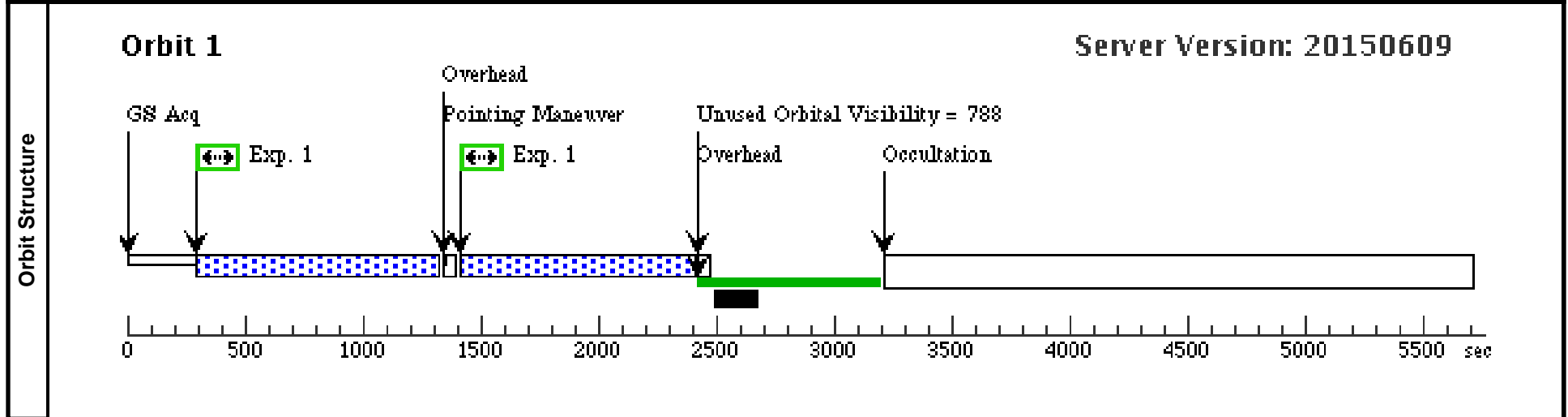
<b>Visit</b>	<b>Proposal 14163, Visit 29, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(29)	SN2005FF	RA: 22 30 41.1600 (337.6715000d) Dec: -00 46 34.32 (-.77620d) Equinox: J2000	Redshift: 0.08848	V=21.89	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(29) SN2005FF	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -68.76,- 32.76	Pattern 1, Exps 1-1 i n Visit 29 (1)	1000 Secs (2000 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 30 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:37 GMT 2015

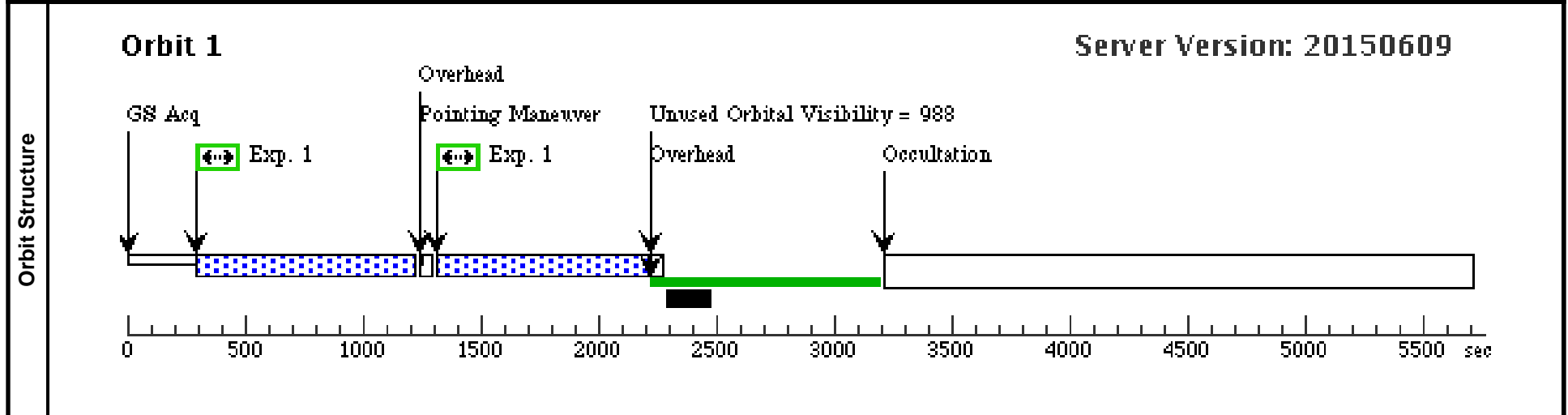
<b>Visit</b>	<b>Proposal 14163, Visit 30, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(30)	SN2005FN	RA: 20 48 53.0400 (312.2210000d) Dec: +00 11 29.76 (.19160d) Equinox: J2000	Redshift: 0.09401	V=22.15	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(30) SN2005FN	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -70.47,- 34.47	Pattern 1, Exps 1-1 i n Visit 30 (1)	900 Secs (1800 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 31 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

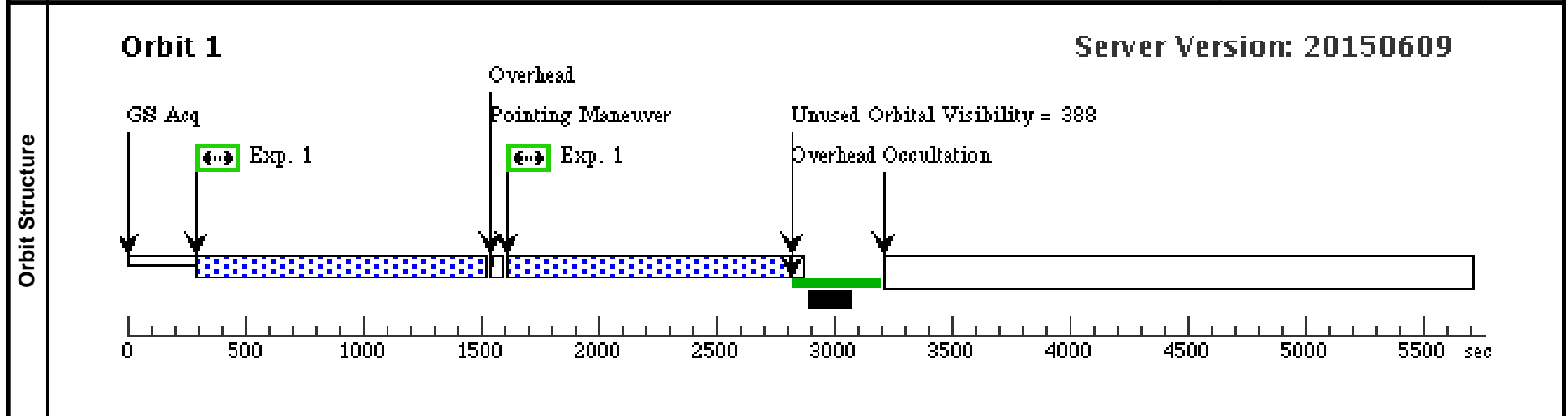
Sun Jul 26 01:21:37 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 31, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(31)	SN2005GB	RA: 01 16 12.6960 (19.0529000d) Dec: +00 47 26.16 (.79060d) Equinox: J2000	Redshift: 0.08543	V=21.1	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(31) SN2005GB	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -68.16,- 31.16	Pattern 1, Exps 1-1 i n Visit 31 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 32 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

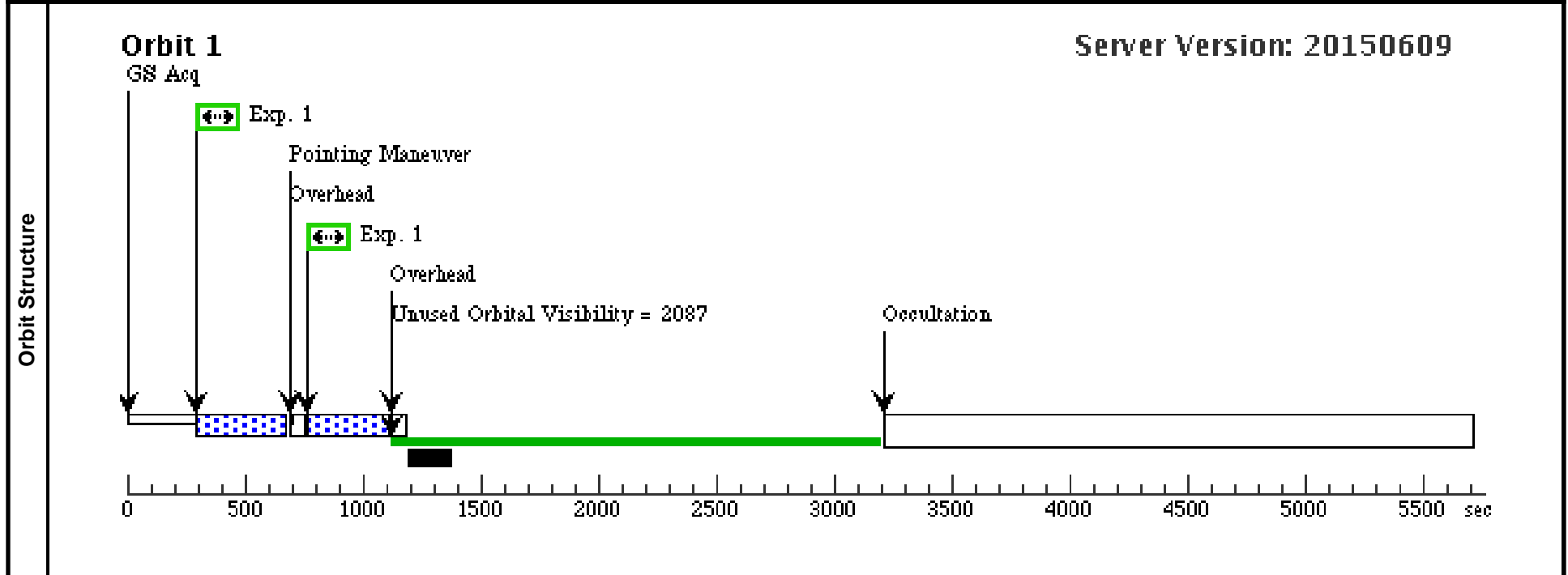
Sun Jul 26 01:21:37 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 32, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(32)	SN2005IF	RA: 03 30 12.8880 (52.5537000d) Dec: -00 58 28.20 (-.97450d) Equinox: J2000	Redshift: 0.06651	V=18.64	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(32) SN2005IF	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -66.60,- 28.60	Pattern 1, Exps 1-1 i n Visit 32 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 33 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:37 GMT 2015

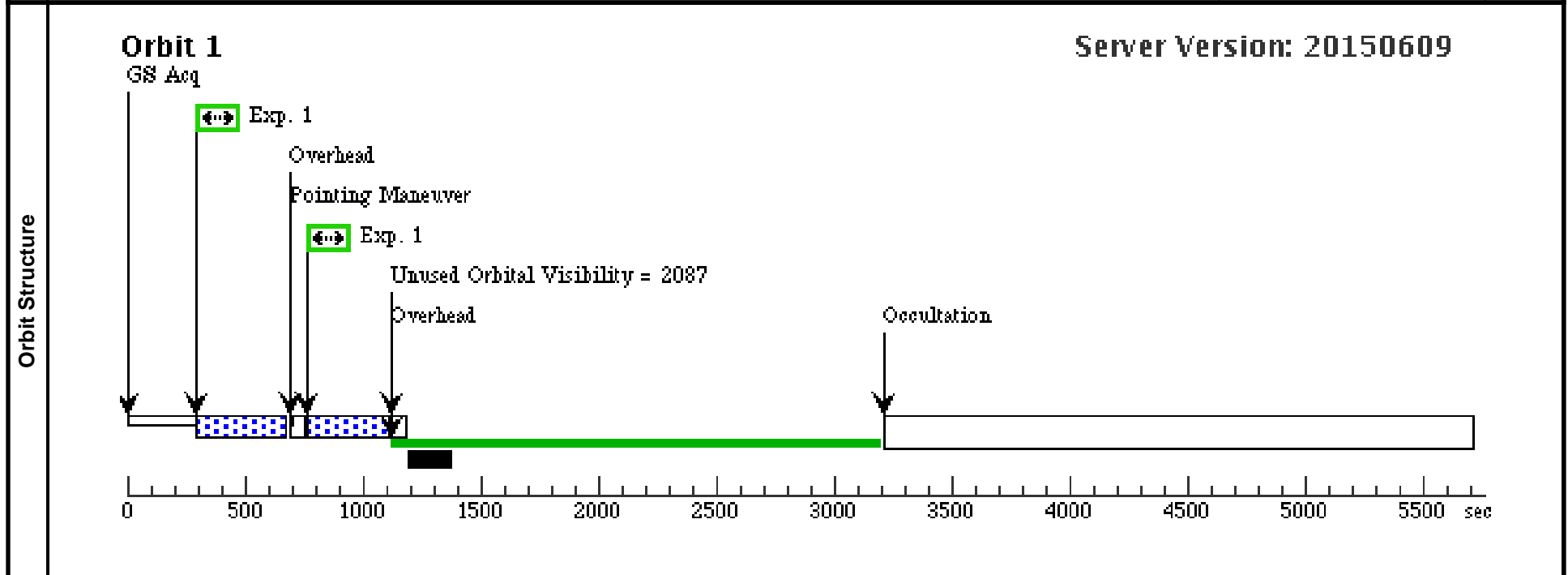
<b>Visit</b>	<b>Proposal 14163, Visit 33, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(33)	SN2005IR	RA: 01 16 43.8480 (19.1827000d) Dec: +00 47 37.32 (.79370d) Equinox: J2000	Redshift: 0.0763	V=19.59	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(33) SN2005IR	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -68.13,- 31.13	Pattern 1, Exps 1-1 i n Visit 33 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 34 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

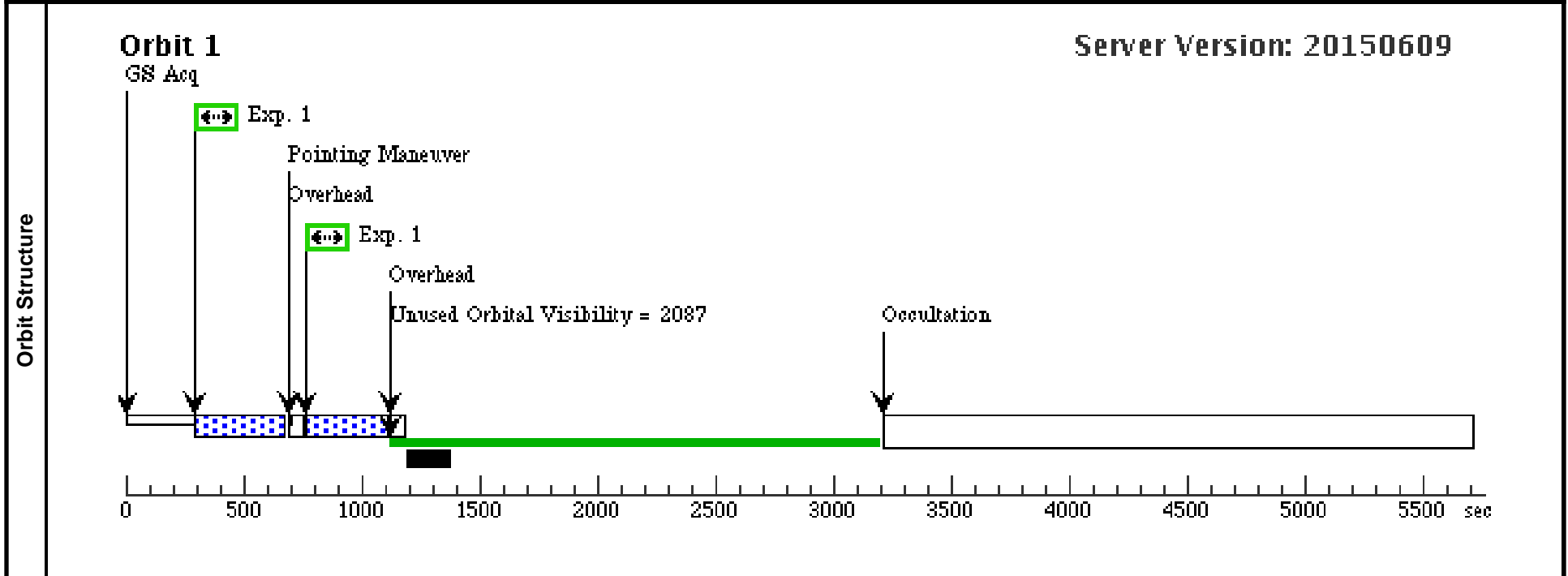
Sun Jul 26 01:21:37 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 34, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(34)	SN2005KT	RA: 01 10 58.0560 (17.7419000d) Dec: +00 16 34.32 (.27620d) Equinox: J2000	Redshift: 0.06426	V=16.99	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(34) SN2005KT	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -66.40,- 28.40	Pattern 1, Exps 1-1 i n Visit 34 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 35 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

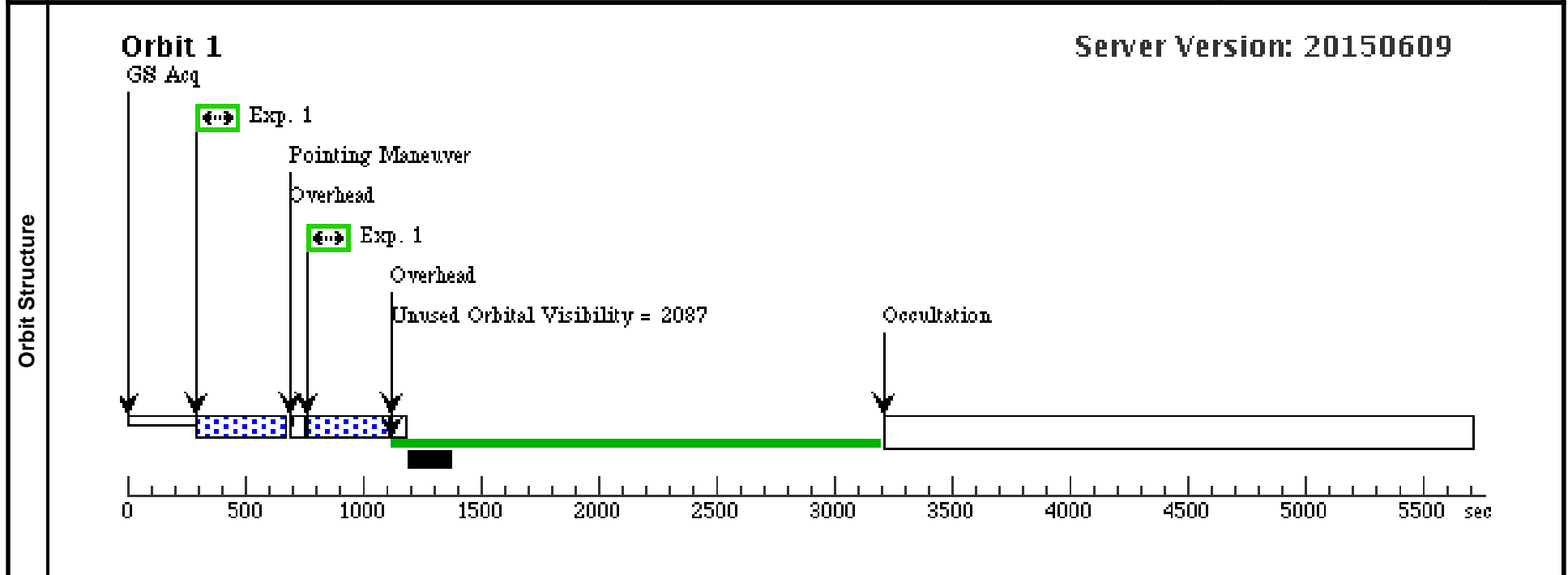
Sun Jul 26 01:21:37 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 35, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(35)	SN2005KU	RA: 22 59 42.6480 (344.9277000d) Dec: -00 00 47.88 (-.01330d) Equinox: J2000	Redshift: 0.04397	V=16.97	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(35) SN2005KU	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -64.85,- 27.85	Pattern 1, Exps 1-1 i n Visit 35 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 36 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

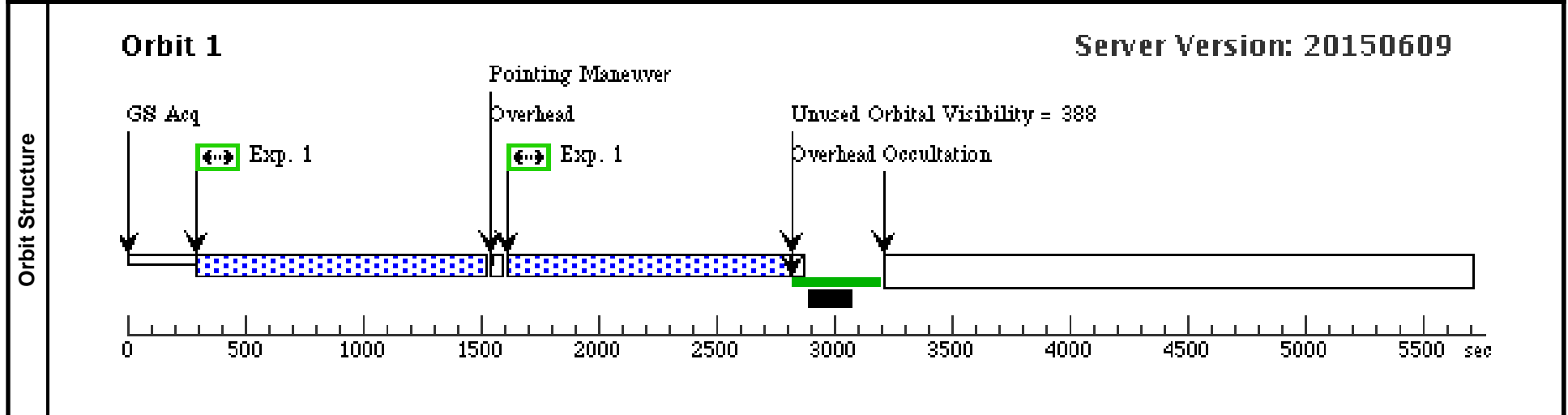
Sun Jul 26 01:21:37 GMT 2015

<b>Visit</b>	Proposal 14163, Visit 36, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)		
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<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(36)	SN2006ER	RA: 00 21 37.8960 (5.4079000d) Dec: -01 00 38.52 (-1.01070d) Equinox: J2000	Redshift: 0.08282	V=21.5	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(36) SN2006ER	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -68.45,- 31.45	Pattern 1, Exps 1-1 i n Visit 36 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 37 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:37 GMT 2015

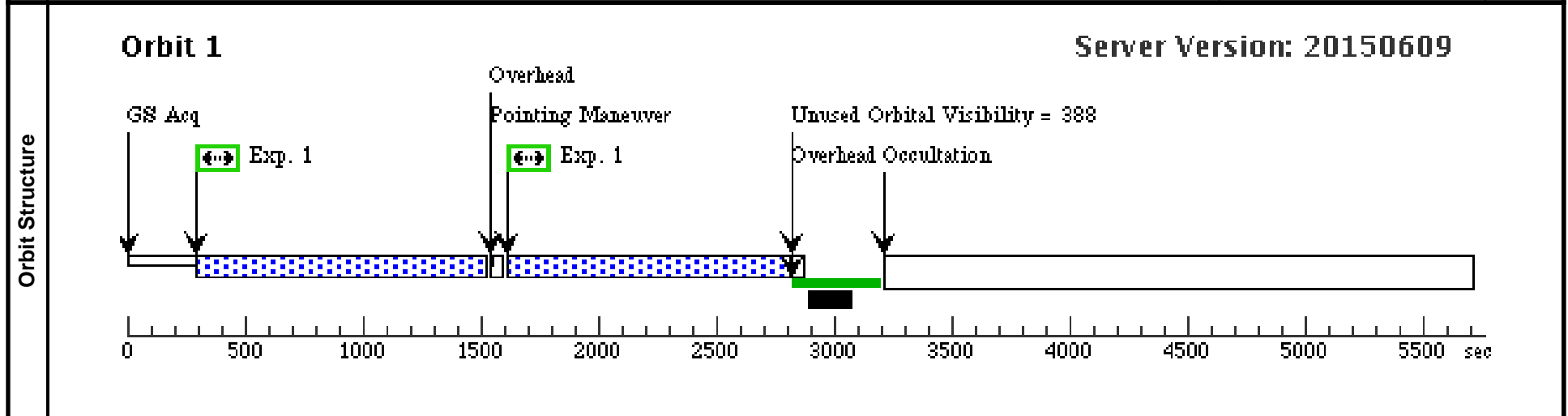
<b>Visit</b>	<b>Proposal 14163, Visit 37, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(37)	SN2006FD	RA: 20 37 53.4480 (309.4727000d) Dec: +01 13 9.84 (1.21940d) Equinox: J2000	Redshift: 0.07891	V=20.73	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(37) SN2006FD	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.08,- 28.08	Pattern 1, Exps 1-1 i n Visit 37 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 38 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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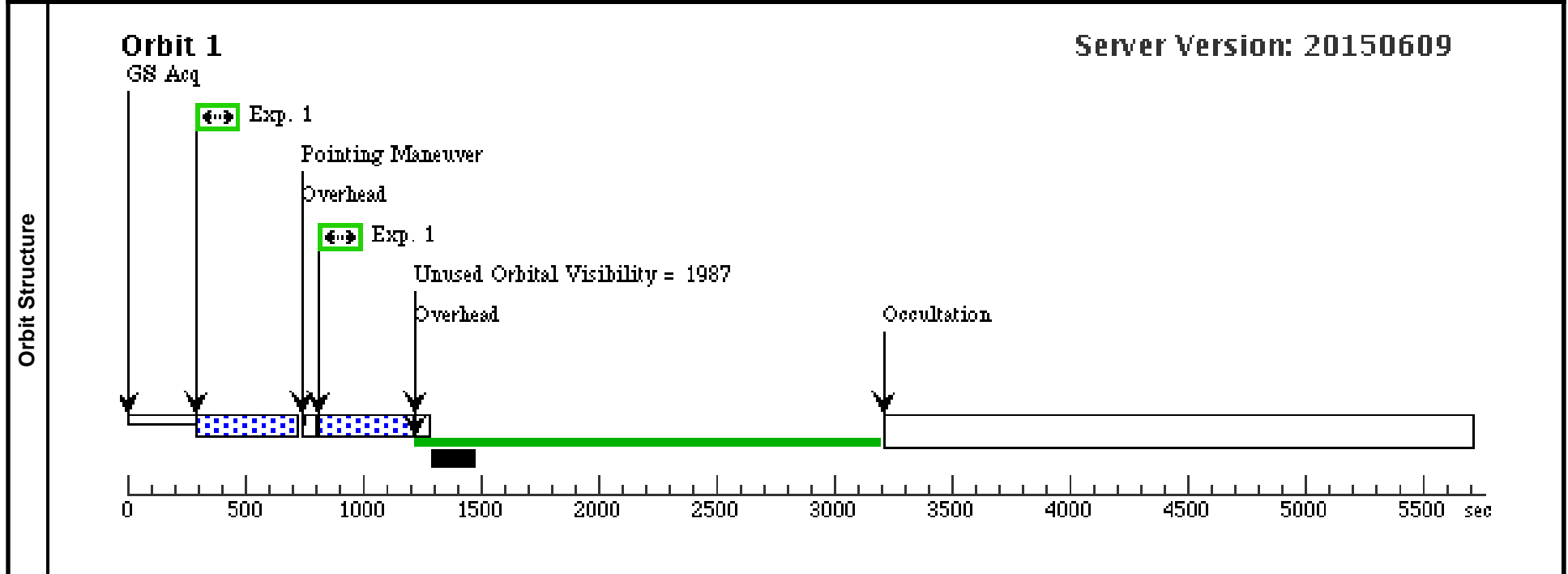
<b>Visit</b>	<b>Proposal 14163, Visit 38, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(38)	SN2006FW	RA: 01 47 10.3200 (26.7930000d) Dec: -00 08 48.84 (-.14690d) Equinox: J2000	Redshift: 0.08254	V=19.22	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(38) SN2006FW	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -68.73,- 30.73	Pattern 1, Exps 1-1 i n Visit 38 (1)	400 Secs (800 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 39 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

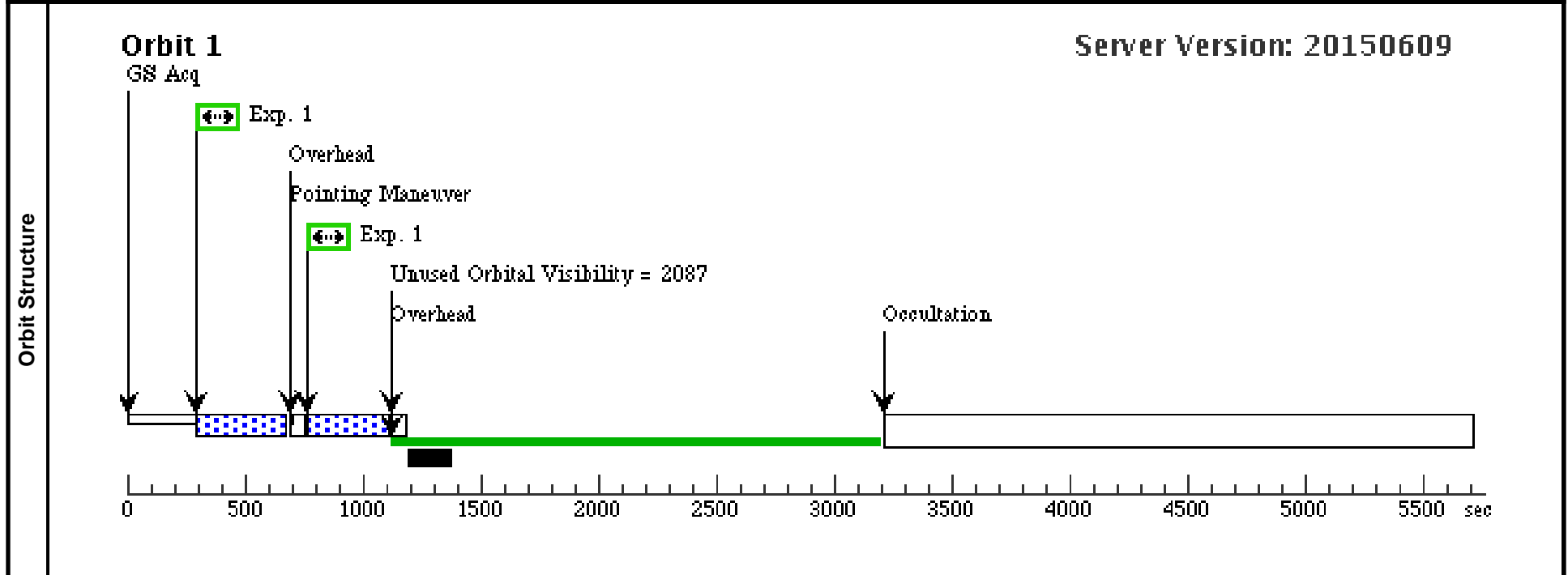
Sun Jul 26 01:21:37 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 39, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(39)	SN2006FY	RA: 23 26 40.1520 (351.6673000d) Dec: -00 50 26.16 (-.84060d) Equinox: J2000	Redshift: 0.08141	V=19.22	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(39) SN2006FY	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -68.61,- 32.61	Pattern 1, Exps 1-1 i n Visit 39 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 40 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:37 GMT 2015

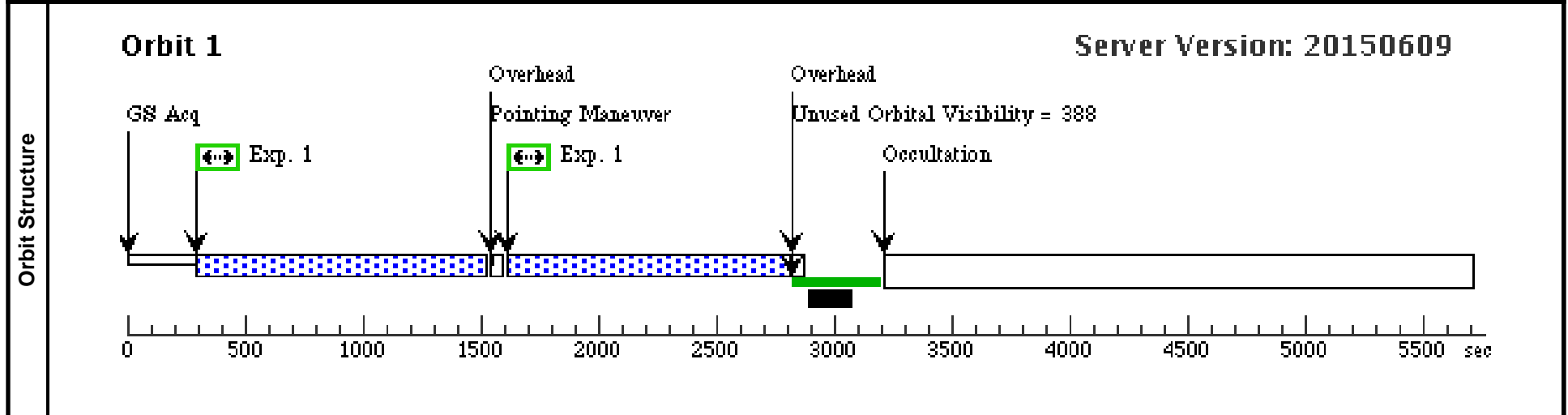
<b>Visit</b>	<b>Proposal 14163, Visit 40, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(40)	SN2006OA	RA: 21 23 42.9600 (320.9290000d) Dec: -00 50 34.80 (-.84300d) Equinox: J2000	Redshift: 0.05891	V=20.78	Reference Frame: ICRS

Comments: Extended=YES

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(40) SN2006OA	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -67.09,- 30.09	Pattern 1, Exps 1-1 i n Visit 40 (1)	1200 Secs (2400 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 41 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

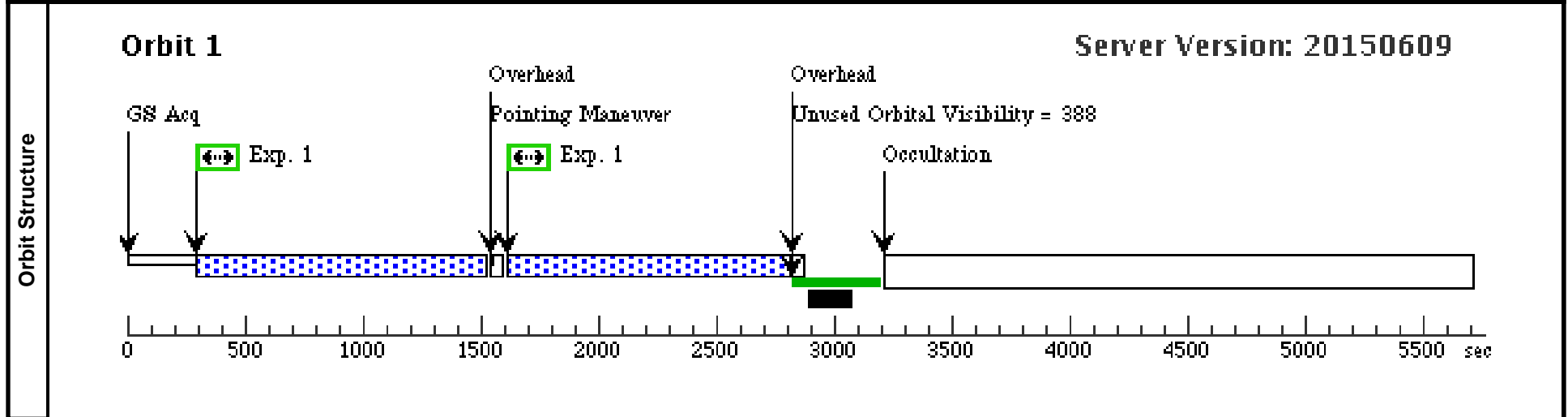
Sun Jul 26 01:21:37 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 41, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(41)	SN2006OB	RA: 01 51 48.4800 (27.9520000d) Dec: +00 15 48.60 (.26350d) Equinox: J2000	Redshift: 0.05921	V=18.86	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(41) SN2006OB	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -48.18,- 10.18	Pattern 1, Exps 1-1 i n Visit 41 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 42 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

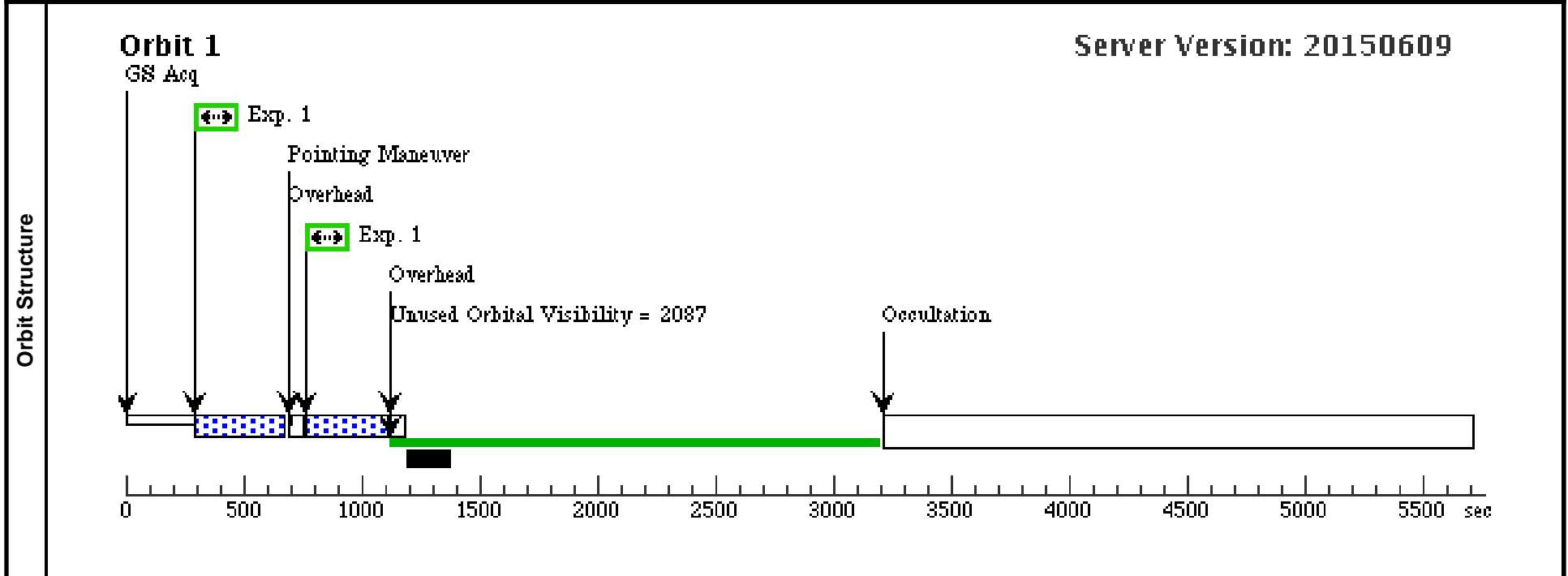
Sun Jul 26 01:21:37 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 42, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(42)	SN2006ON	RA: 21 55 58.4880 (328.9937000d) Dec: -01 04 13.08 (-1.07030d) Equinox: J2000	Redshift: 0.06884	V=17.59	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(42) SN2006ON	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -67.14,- 29.14	Pattern 1, Exps 1-1 i n Visit 42 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 43 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:37 GMT 2015

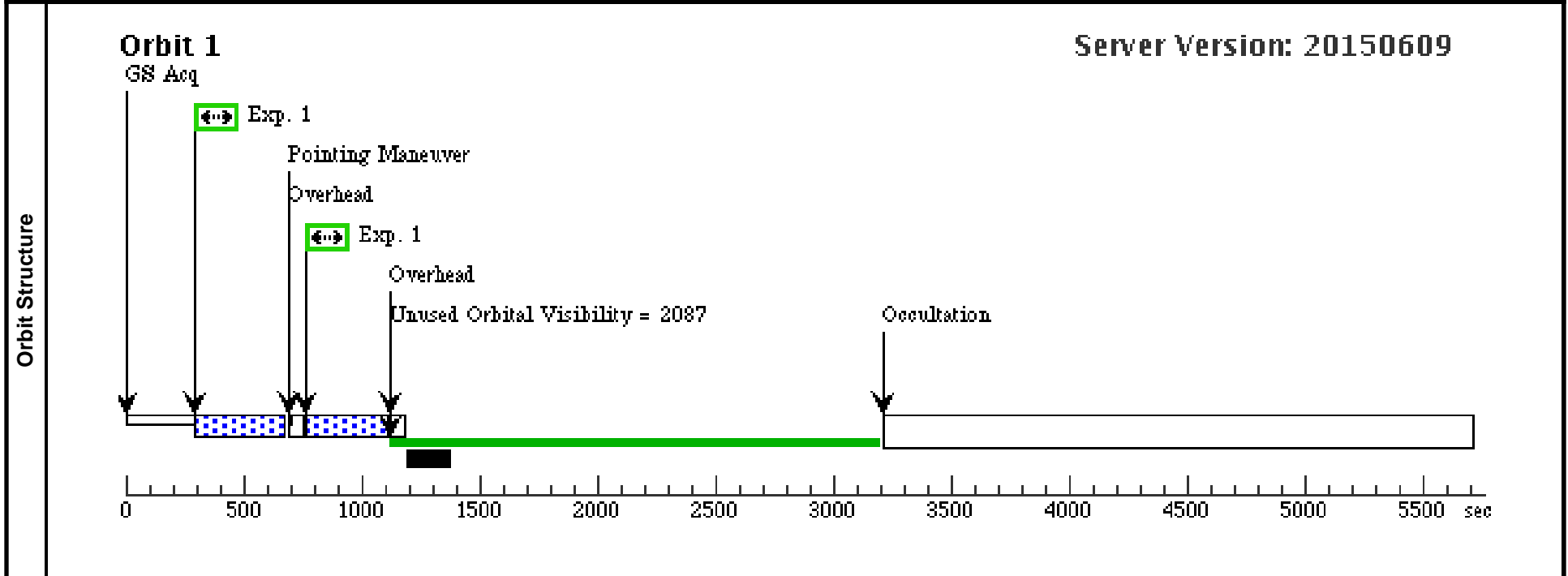
<b>Visit</b>	<b>Proposal 14163, Visit 43, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(43)	SN2006PY	RA: 22 41 42.0480 (340.4252000d) Dec: -00 08 12.84 (-.13690d) Equinox: J2000	Redshift: 0.05664	V=17.99	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(43) SN2006PY	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -65.10,- 27.10	Pattern 1, Exps 1-1 i n Visit 43 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 44 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

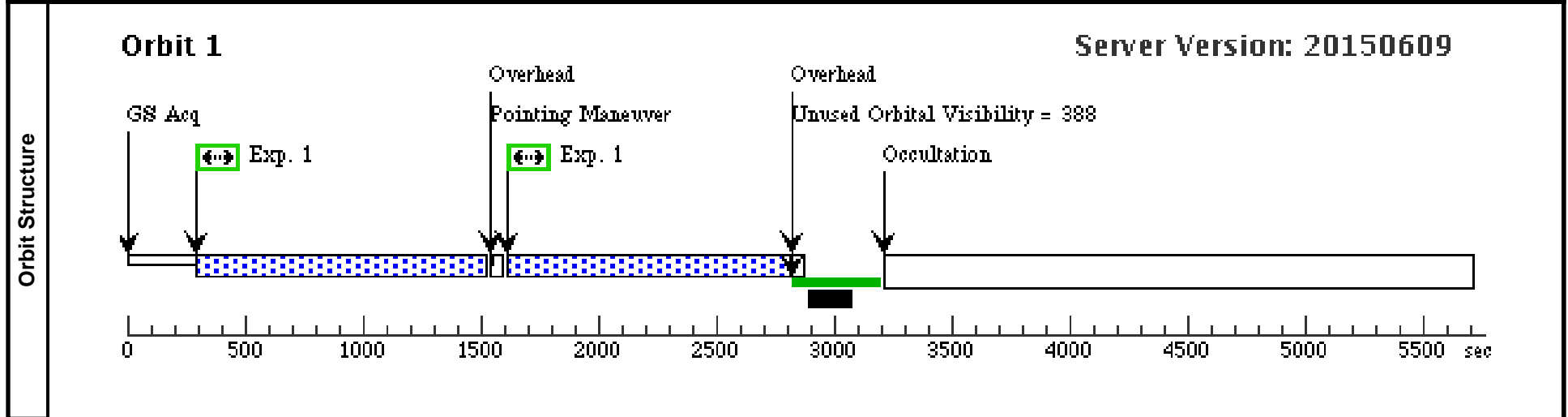
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 44, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(44)	SN2007HT	RA: 00 34 34.0080 (8.6417000d) Dec: -01 12 57.60 (-1.21600d) Equinox: J2000	Redshift: 0.07153	V=20.59	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(44) SN2007HT	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -64.59,- 26.59	Pattern 1, Exps 1-1 i n Visit 44 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 45 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:38 GMT 2015

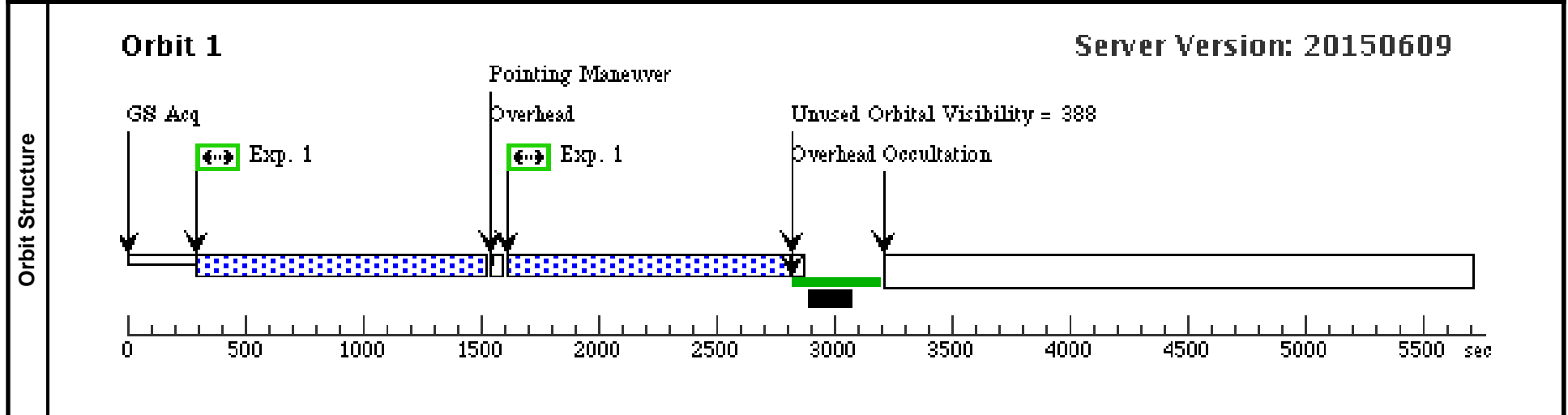
<b>Visit</b>	<b>Proposal 14163, Visit 45, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(45)	SN2007HX	RA: 02 06 27.9360 (31.6164000d) Dec: -00 53 52.08 (-.89780d) Equinox: J2000	Redshift: 0.07887	V=20.5	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(45) SN2007HX	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -54.48,- 17.48	Pattern 1, Exps 1-1 i n Visit 45 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 46 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

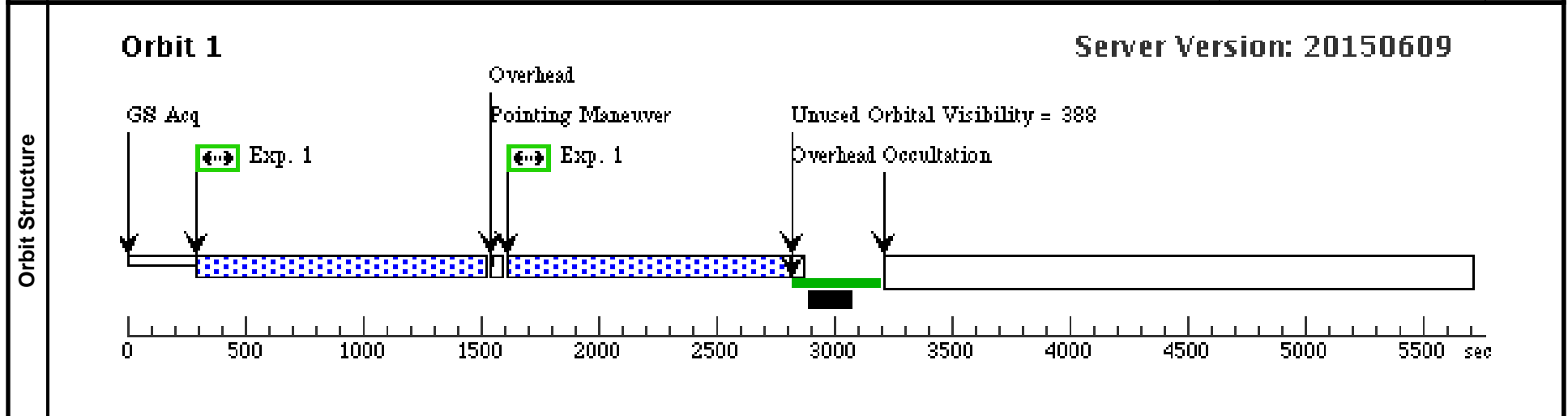
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 46, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(46)	SN2007JG	RA: 03 29 50.8320 (52.4618000d) Dec: +00 03 16.20 (.05450d) Equinox: J2000	Redshift: 0.03657	V=21.02	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(46) SN2007JG	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -63.68,- 26.68	Pattern 1, Exps 1-1 i n Visit 46 (1)	1200 Secs (2400 Secs)	[1]
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	



Proposal 14163 - Visit 47 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

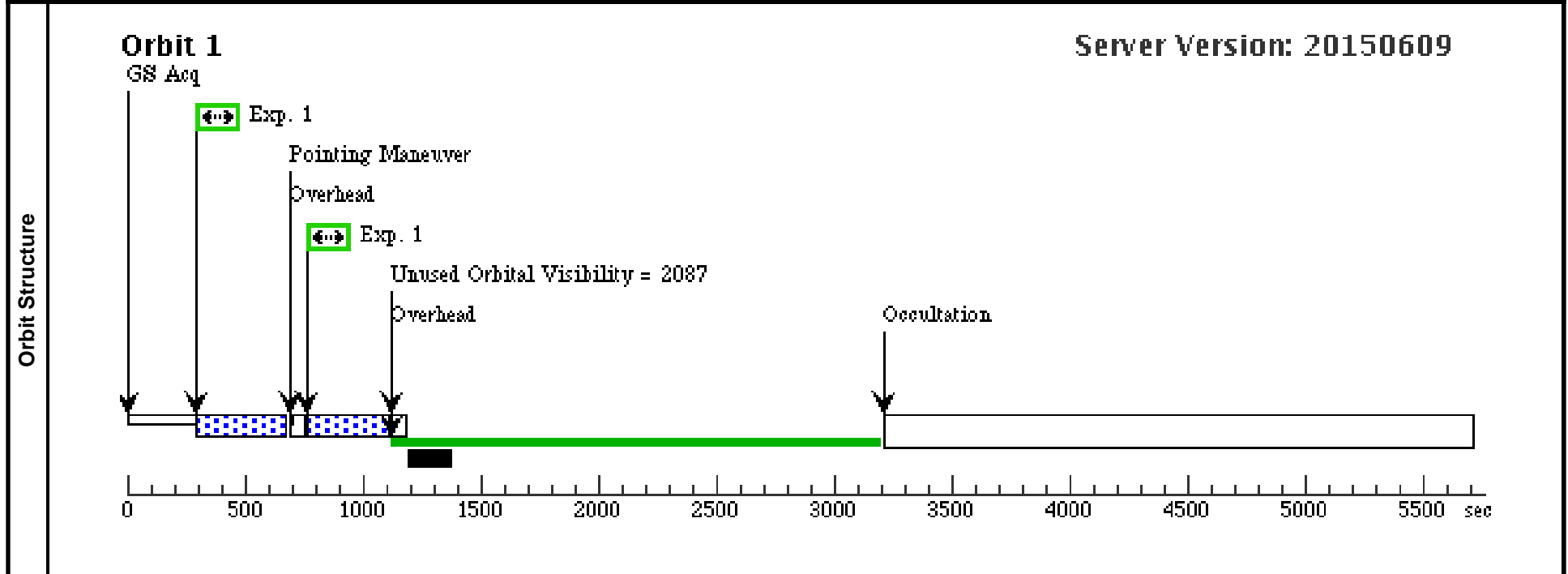
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 47, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(47)	SN2007JR	RA: 02 22 57.2880 (35.7387000d) Dec: +01 01 32.16 (1.02560d) Equinox: J2000	Redshift: 0.08806	V=19.69	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(47) SN2007JR	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -69.37,- 31.37	Pattern 1, Exps 1-1 i n Visit 47 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 48 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

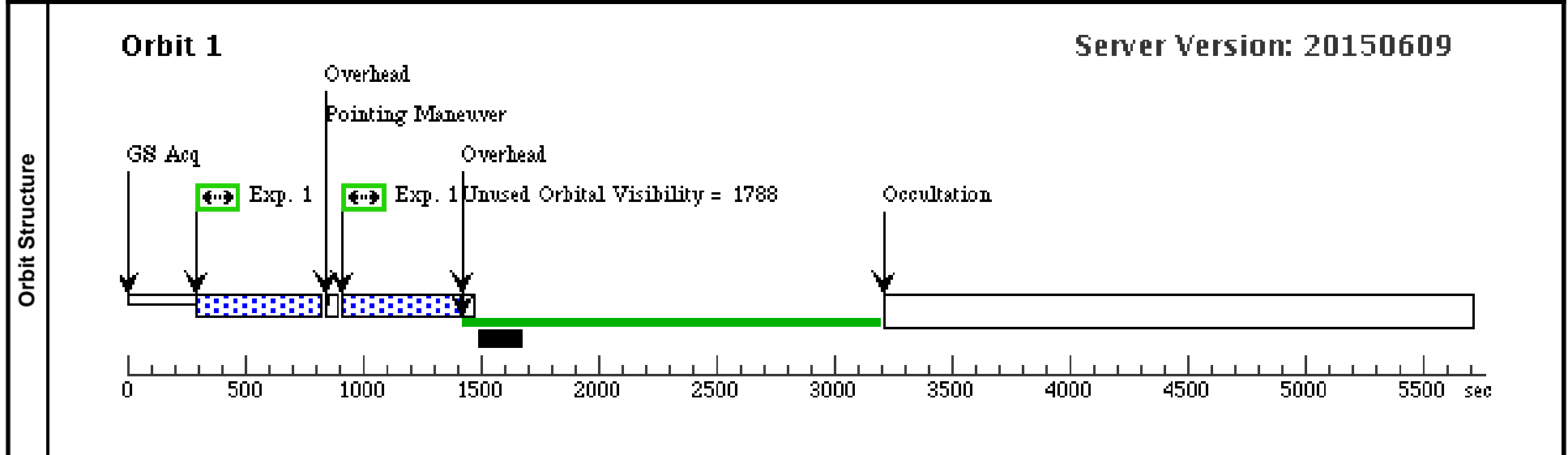
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 48, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(48)	SN2007JU	RA: 00 11 50.4720 (2.9603000d) Dec: -00 20 21.84 (-.33940d) Equinox: J2000	Redshift: 0.06214	V=19.96	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(48) SN2007JU	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.72,- 27.72	Pattern 1, Exps 1-1 i n Visit 48 (1)	500 Secs (1000 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 49 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

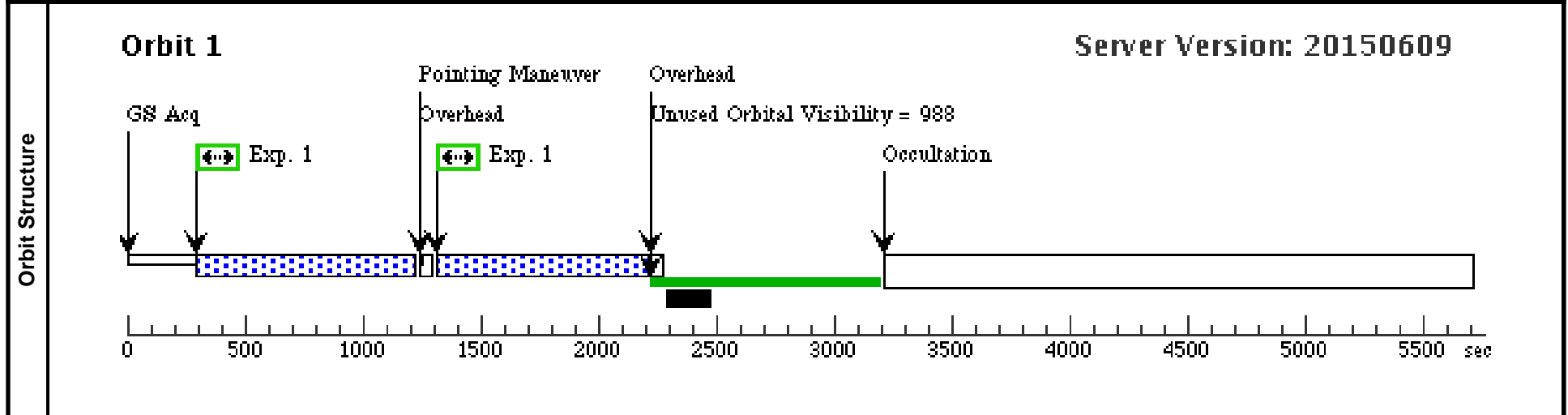
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 49, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(49)	SN2007KS	RA: 20 49 33.0000 (312.3875000d) Dec: -00 45 43.20 (-.76200d) Equinox: J2000	Redshift: 0.09391	V=20.62	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(49) SN2007KS	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -71.12,- 35.12	Pattern 1, Exps 1-1 i n Visit 49 (1)	900 Secs (1800 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 50 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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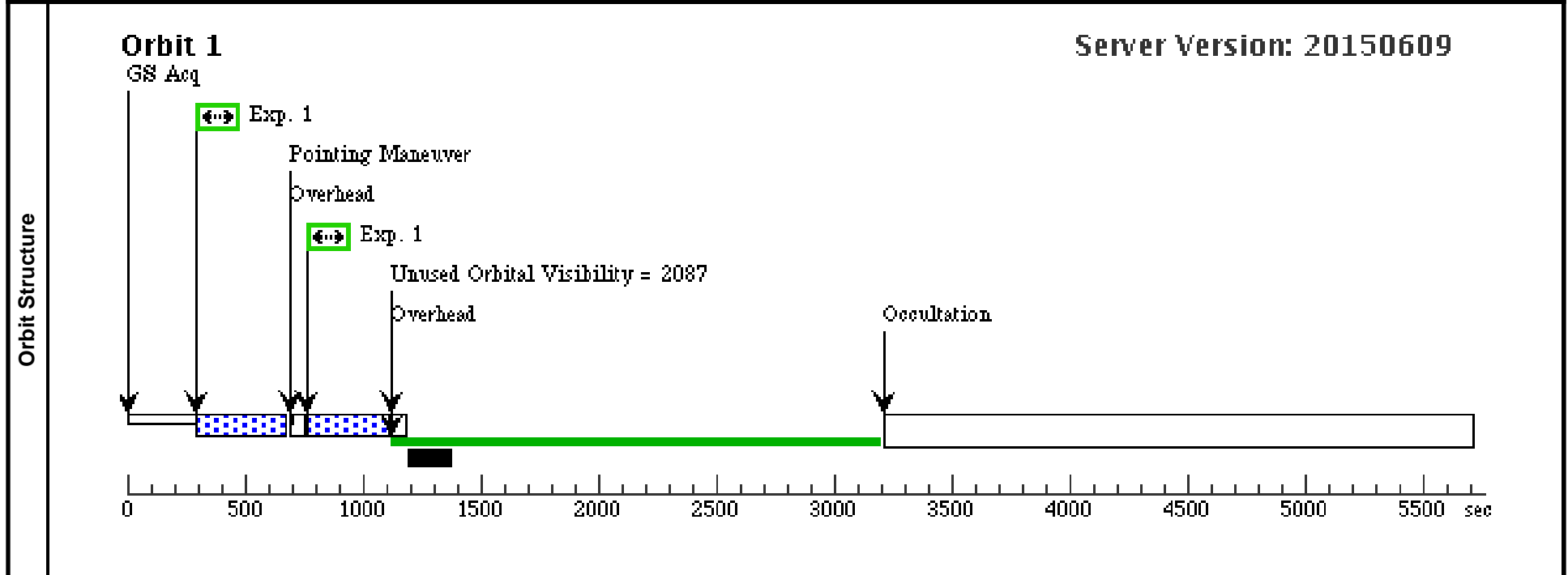
<b>Visit</b>	<b>Proposal 14163, Visit 50, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(50)	SN2007OL	RA: 01 37 23.7840 (24.3491000d) Dec: -00 18 42.12 (-.31170d) Equinox: J2000	Redshift: 0.0549	V=17.49	Reference Frame: ICRS

Comments: Extended=YES

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(50) SN2007OL	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -66.15,- 29.15	Pattern 1, Exps 1-1 i n Visit 50 (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 51 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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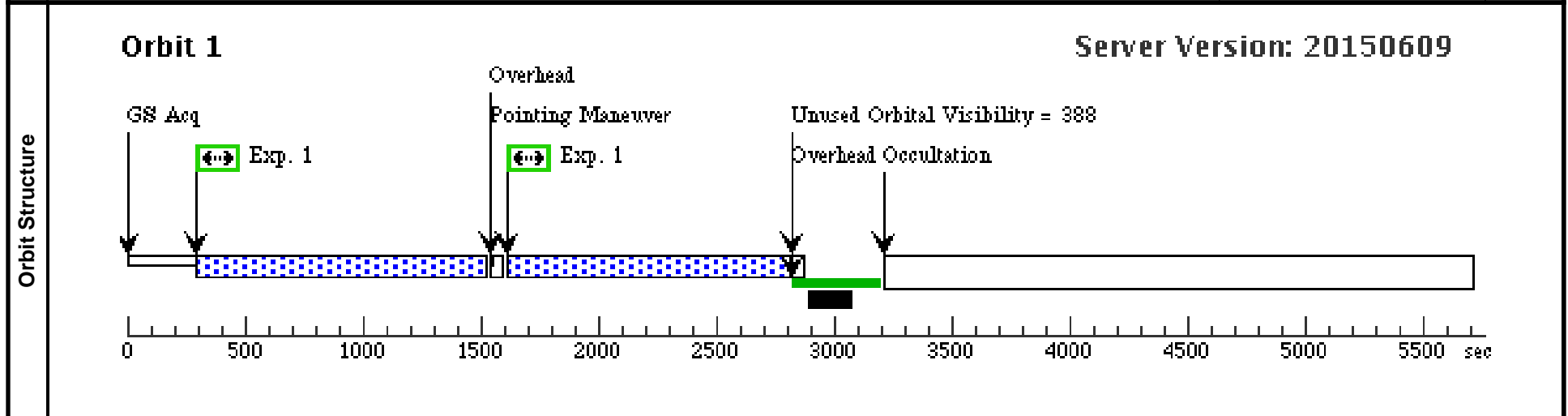
<b>Visit</b>	<b>Proposal 14163, Visit 51, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(51)	SN2007PU	RA: 22 45 58.3200 (341.4930000d) Dec: -00 38 56.04 (-.64890d) Equinox: J2000	Redshift: 0.09007	V=23.21	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(51) SN2007PU	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -70,-33.30	Pattern 1, Exps 1-1 in Visit 51 (1)	1200 Secs (2400 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 52 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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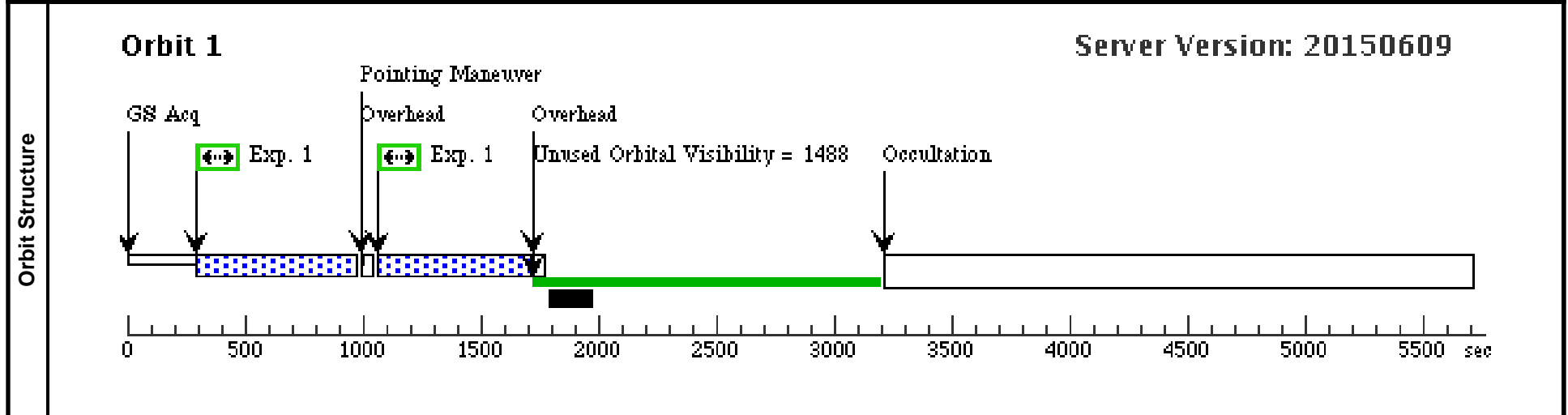
<b>Visit</b>	Proposal 14163, Visit 52, implementation		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(52)	SN2007RA	RA: 23 34 24.0720 (353.6003000d) Dec: -00 53 25.08 (-.89030d) Equinox: J2000	Redshift: 0.08784	V=19.5	Reference Frame: ICRS

Comments: Extended=YES

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(52) SN2007RA	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -69.76,- 31.76	Pattern 1, Exps 1-1 i n Visit 52 (1)	650 Secs (1300 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 53 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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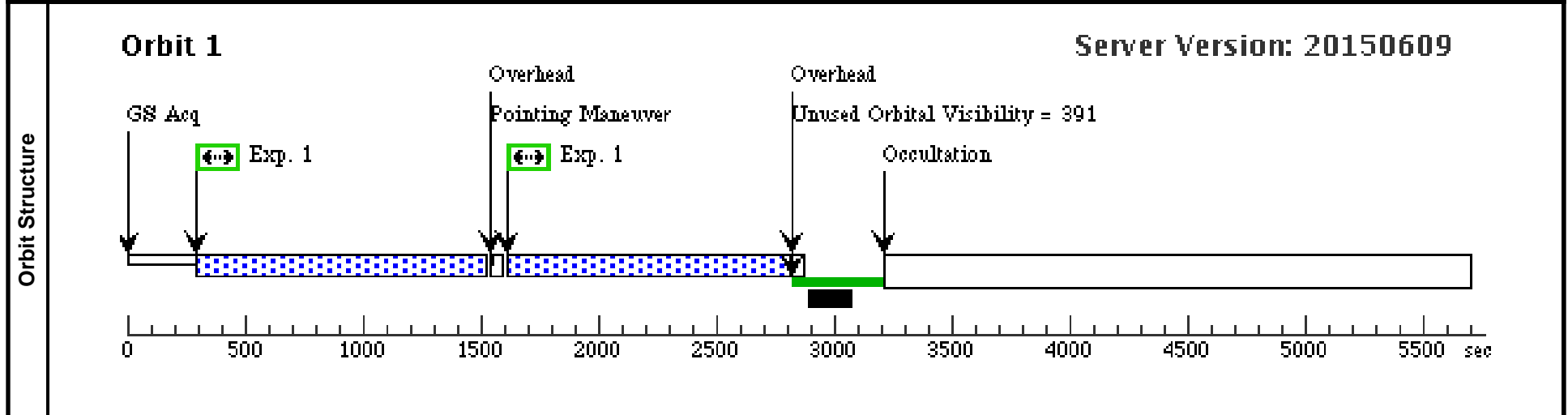
<b>Visit</b>	<b>Proposal 14163, Visit 53, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(53)	SNF20050729-002	RA: 21 33 37.3200 (323.4055000d) Dec: -08 09 56.16 (-8.16560d) Equinox: J2000	Redshift: 0.089	V=23.91	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(53) SNF20050729-002	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -69.32,-31.32	Pattern 1, Exps 1-1 in Visit 53 (1)	1200 Secs (2400 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 54 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

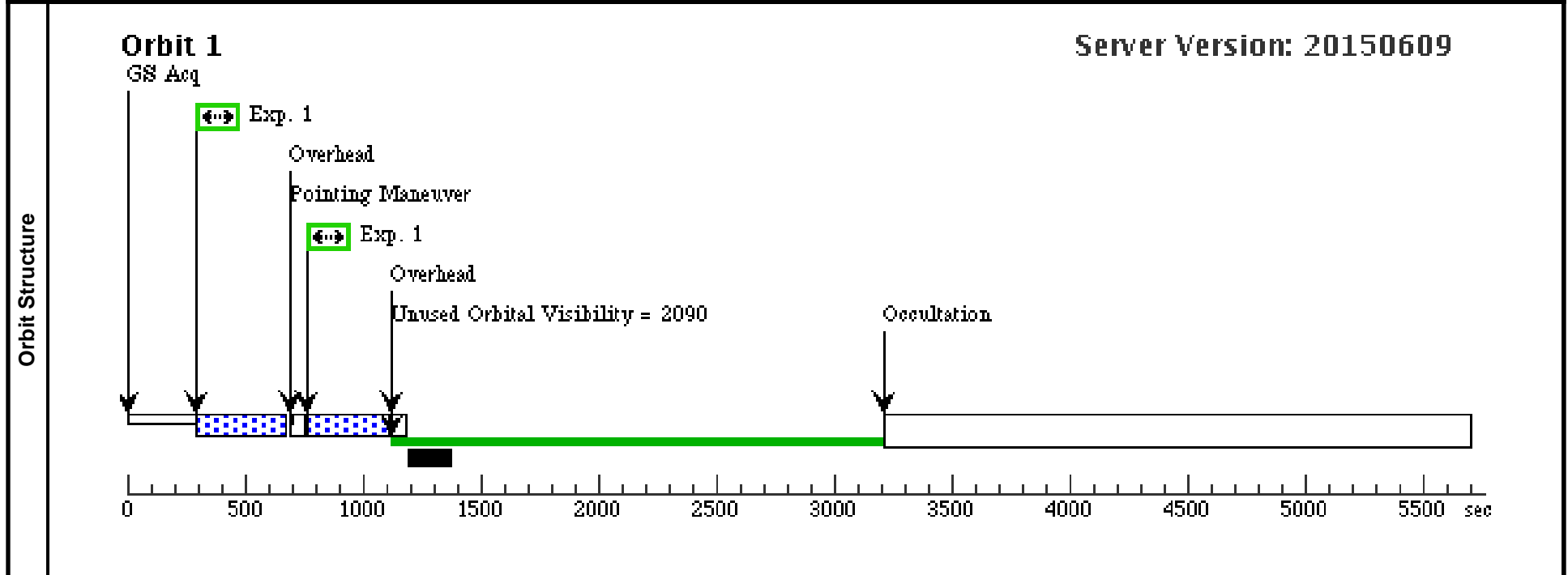
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 54, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(54)	SNF20050821-007	RA: 01 30 29.2560 (22.6219000d) Dec: +09 14 24.72 (9.24020d) Equinox: J2000	Redshift: 0.0593	V=20.39	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(54) SNF20050821-007	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -64.64,-26.64	Pattern 1, Exps 1-1 in Visit 54 (1)	350 Secs (700 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 14163 - Visit 55 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

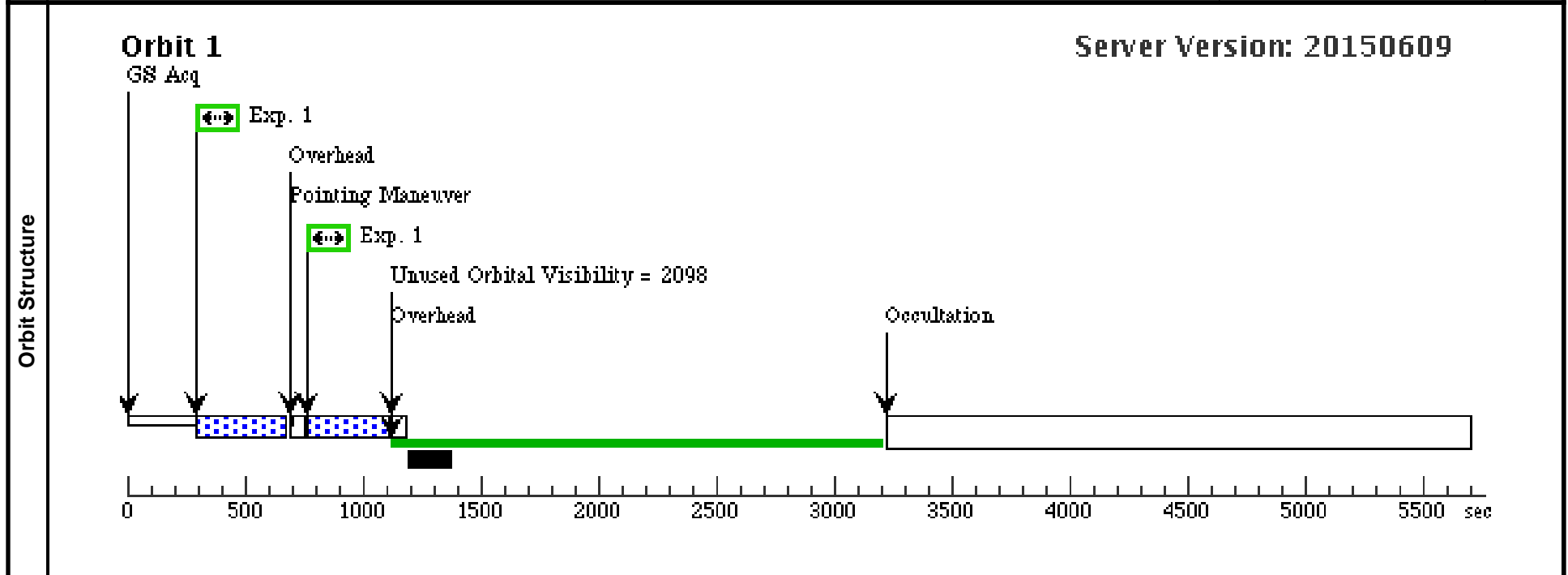
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 55, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(55)	SNF20060512-001	RA: 14 13 24.9840 (213.3541000d) Dec: +17 46 59.88 (17.78330d) Equinox: J2000	Redshift: 0.03806	V=17.62	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(55) SNF20060512-001	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -58.78,- 20.78	Pattern 1, Exps 1-1 i n Visit 55 (1)	350 Secs (700 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 56 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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<b>Visit</b>	<b>Proposal 14163, Visit 56, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

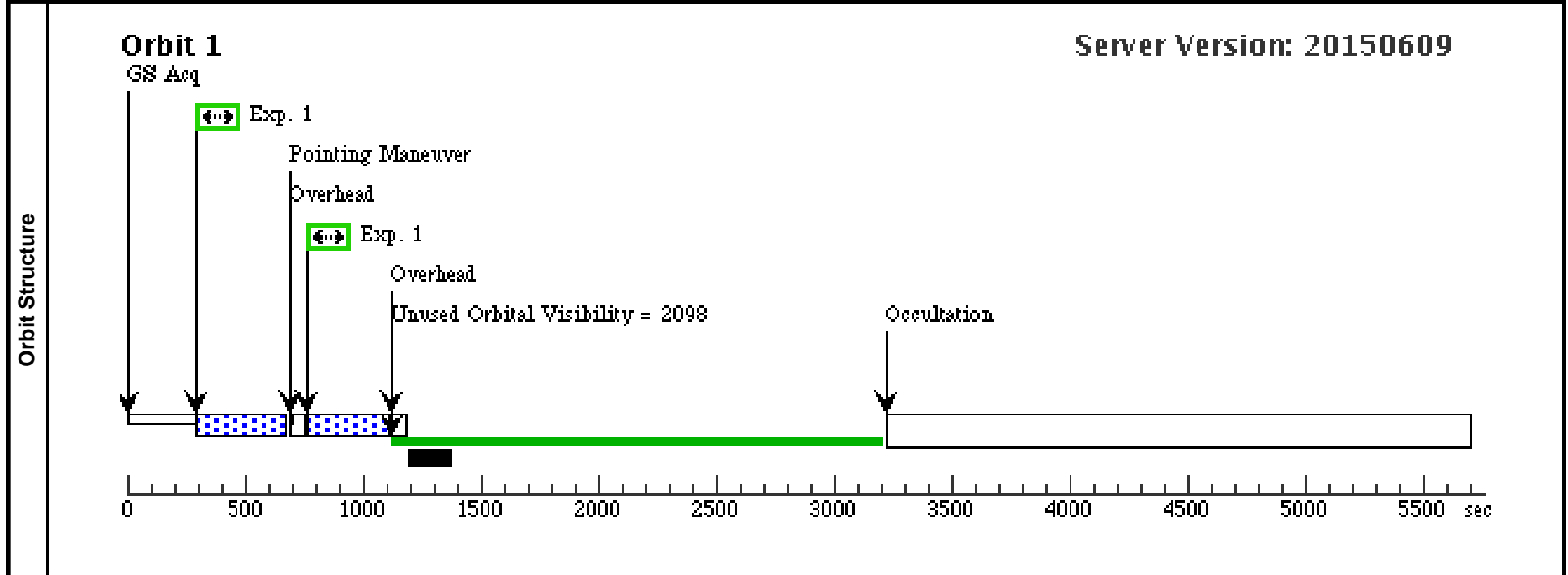
<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(56)	SNF20060512-002	RA: 14 33 31.1760 (218.3799000d) Dec: +17 01 12.00 (17.02000d) Equinox: J2000	Redshift: 0.05019	V=17.09	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(56) SNF20060512-002	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -63.42,-25.42	Pattern 1, Exps 1-1 in Visit 56 (1)	350 Secs (700 Secs)	[1]

[=>(Pattern 1)]  
[=>(Pattern 2)]



Proposal 14163 - Visit 57 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

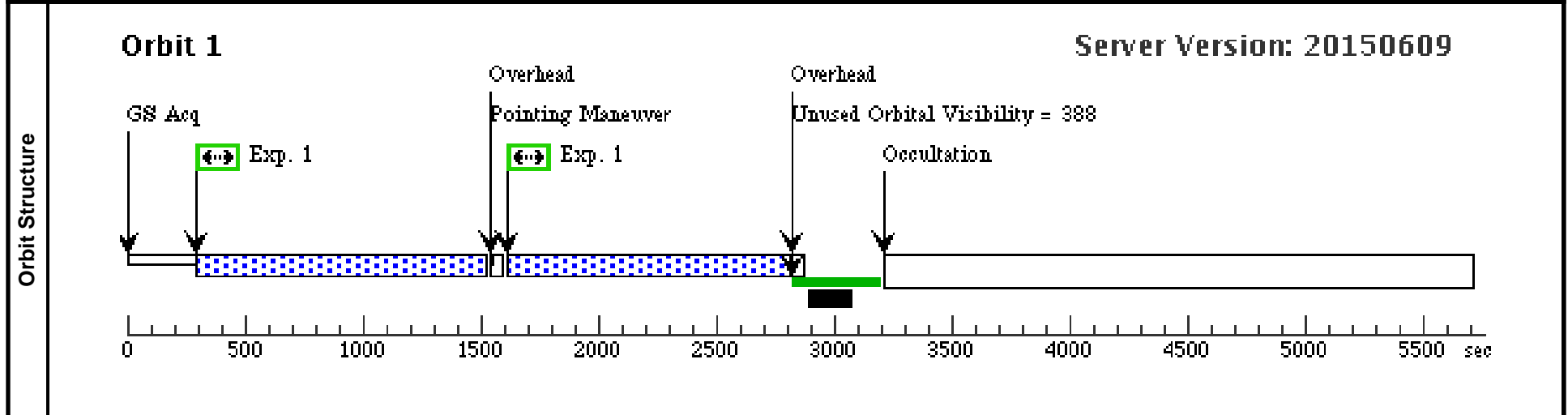
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 57, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(57)	SNF20060514-003	RA: 12 59 46.0800 (194.9420000d) Dec: -03 10 13.80 (-3.17050d) Equinox: J2000	Redshift: 0.088	V=22.58	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(57) SNF20060514-003	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -69.44,-31.44	Pattern 1, Exps 1-1 in Visit 57 (1)	1200 Secs (2400 Secs)	
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	[1]



Proposal 14163 - Visit 58 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

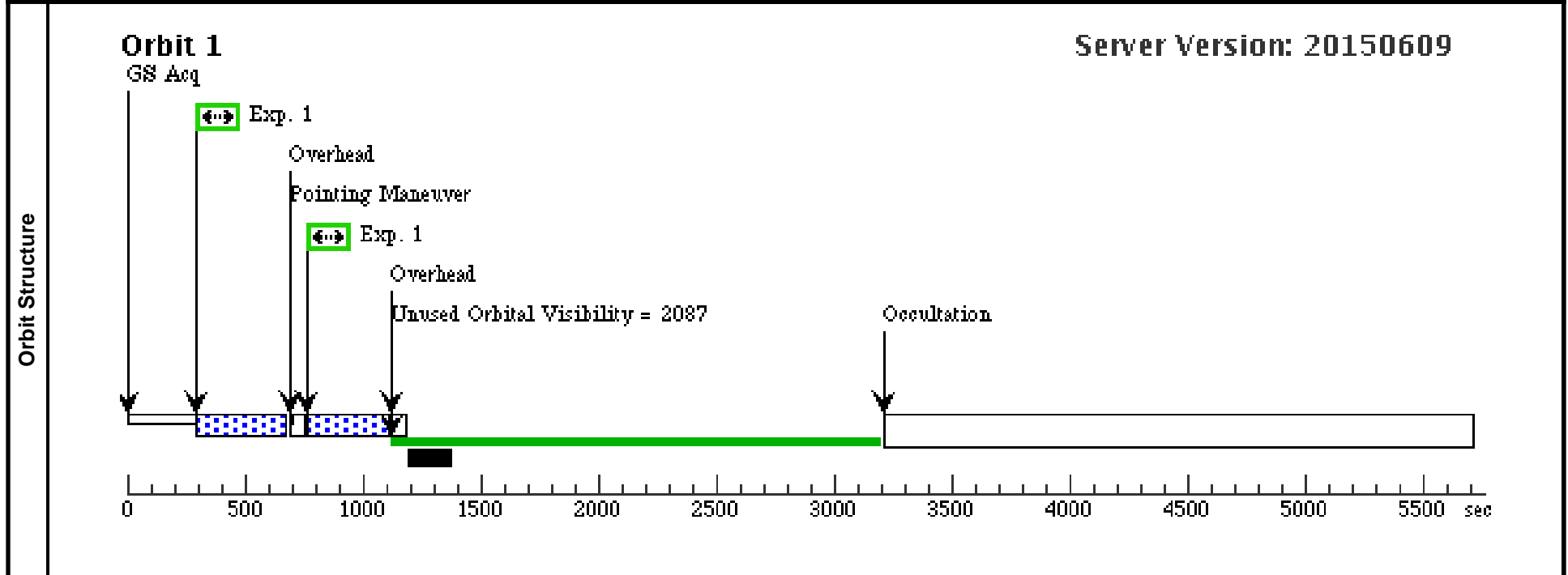
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 58, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(58)	SNF20060521-001	RA: 12 16 52.9920 (184.2208000d) Dec: -03 15 28.80 (-3.25800d) Equinox: J2000	Redshift: 0.06667	V=18.57	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(58) SNF20060521-001	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -66.85,-28.85	Pattern 1, Exps 1-1 in Visit 58 (1)	350 Secs (700 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 59 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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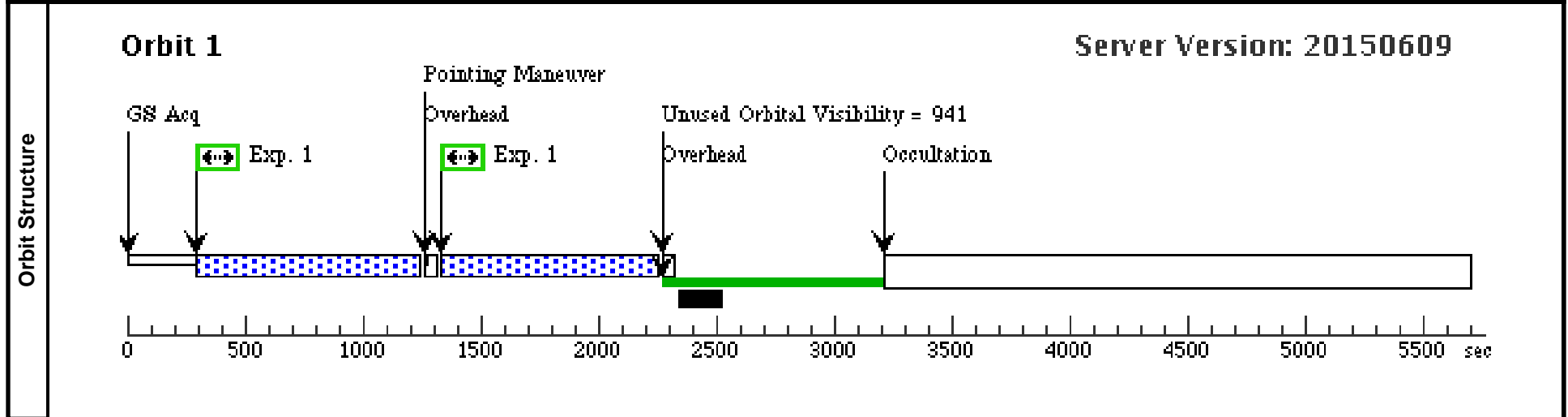
<b>Visit</b>	<b>Proposal 14163, Visit 59, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(59)	SNF20060521-008	RA: 12 44 3.0480 (191.0127000d) Dec: -05 06 33.84 (-5.10940d) Equinox: J2000	Redshift: 0.05499	V=21.76	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(59) SNF20060521-008	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -50.00,-12.00	Pattern 1, Exps 1-1 in Visit 59 (1)	925 Secs (1850 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 60 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

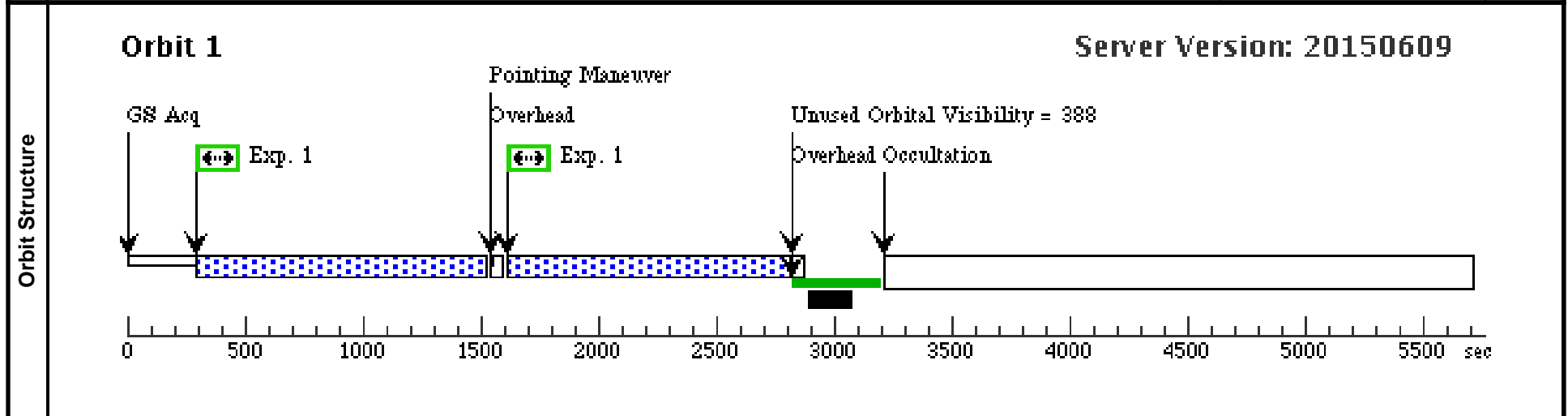
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	Proposal 14163, Visit 60, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)		
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<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(60)	SNF20060530-003	RA: 16 17 52.0080 (244.4667000d) Dec: -00 19 57.36 (-.33260d) Equinox: J2000	Redshift: 0.057	V=19.7	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(60) SNF20060530-003	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -64.85,- 28.85	Pattern 1, Exps 1-1 i n Visit 60 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 61 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

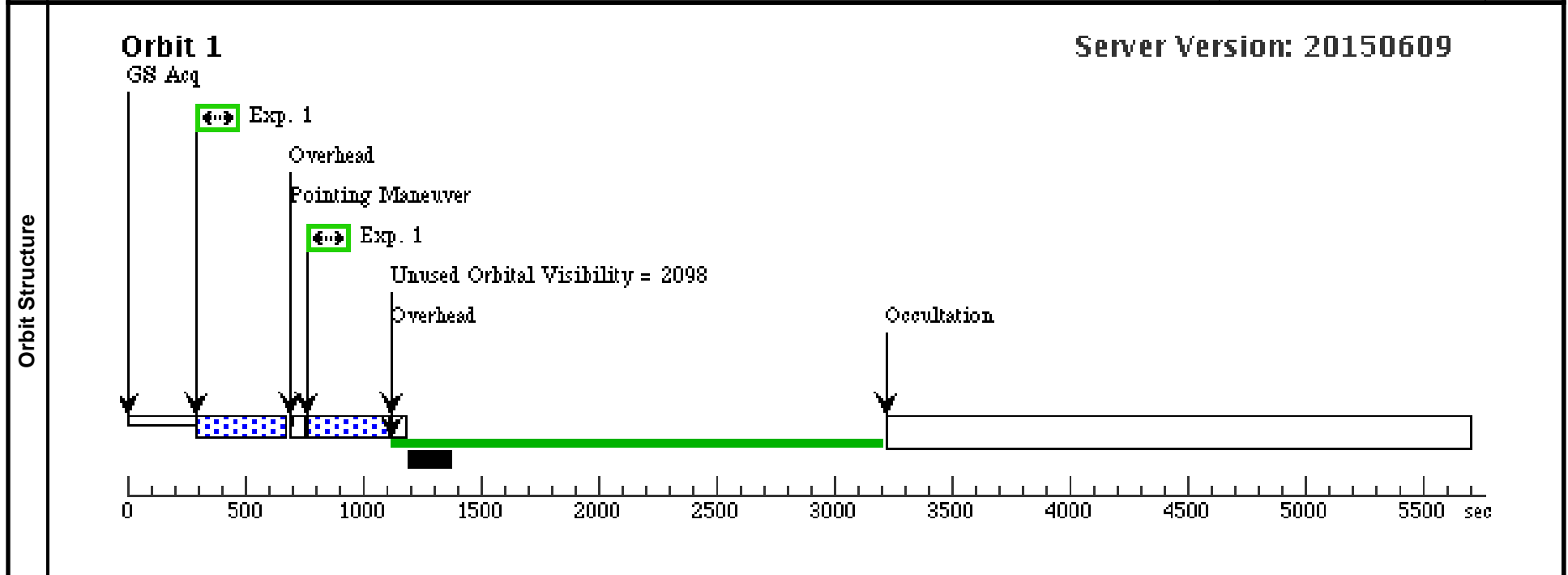
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 61, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(61)	SNF20060609-002	RA: 16 04 30.4560 (241.1269000d) Dec: +17 28 7.32 (17.46870d) Equinox: J2000	Redshift: 0.03959	V=17.04	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(61) SNF20060609-002	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -59.31,-21.31	Pattern 1, Exps 1-1 in Visit 61 (1)	350 Secs (700 Secs)	
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	[1]



Proposal 14163 - Visit 62 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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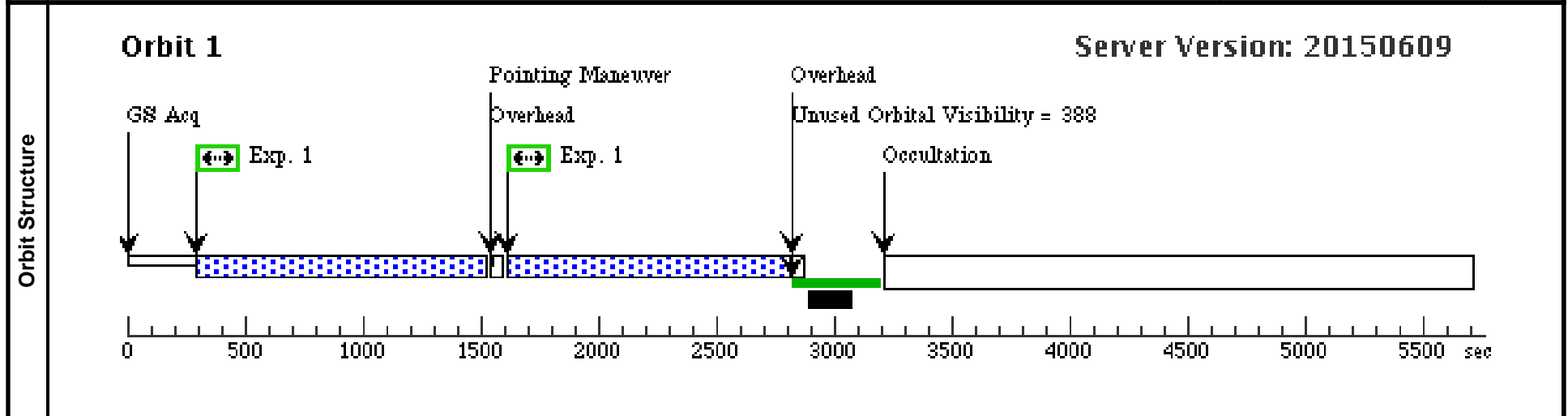
<b>Visit</b>	<b>Proposal 14163, Visit 62, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(62)	SNF20060618-014	RA: 14 47 56.6640 (221.9861000d) Dec: +02 52 18.12 (2.87170d) Equinox: J2000	Redshift: 0.06378	V=20.31	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(62) SNF20060618-014	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.72,-27.72	Pattern 1, Exps 1-14 in Visit 62 (1)	1200 Secs (2400 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 63 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

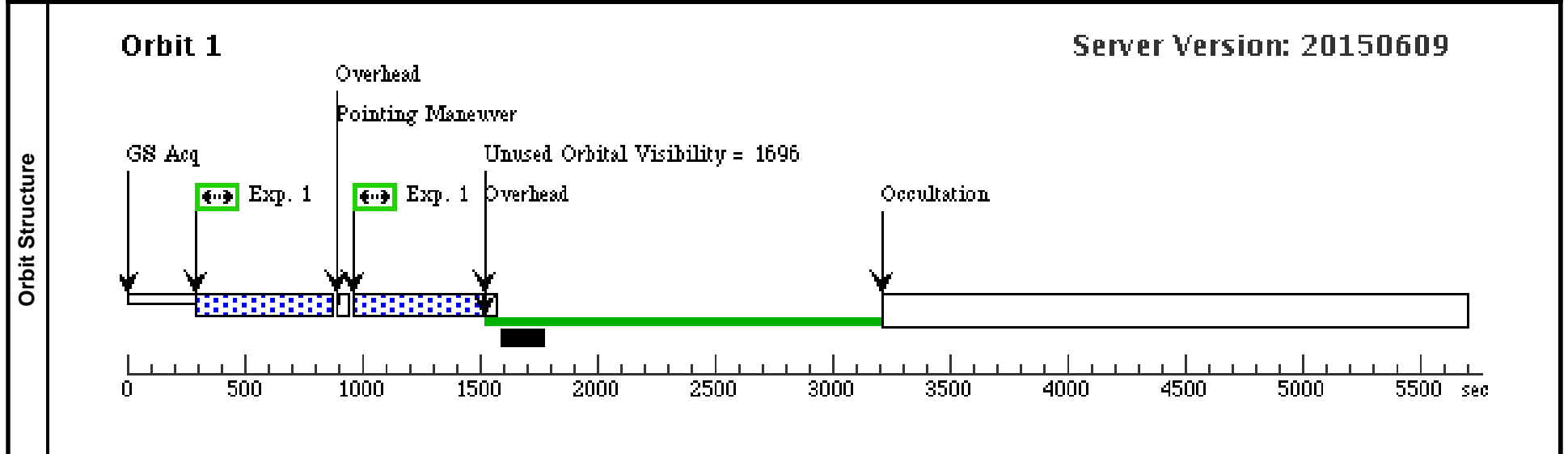
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 63, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(63)	SNF20060621-012	RA: 20 26 42.0480 (306.6752000d) Dec: -12 12 28.44 (-12.20790d) Equinox: J2000	Redshift: 0.06272	V=19.84	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(63) SNF20060621-012	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -66.15,- 28.15	Pattern 1, Exps 1-1 i n Visit 63 (1)	550 Secs (1100 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 64 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

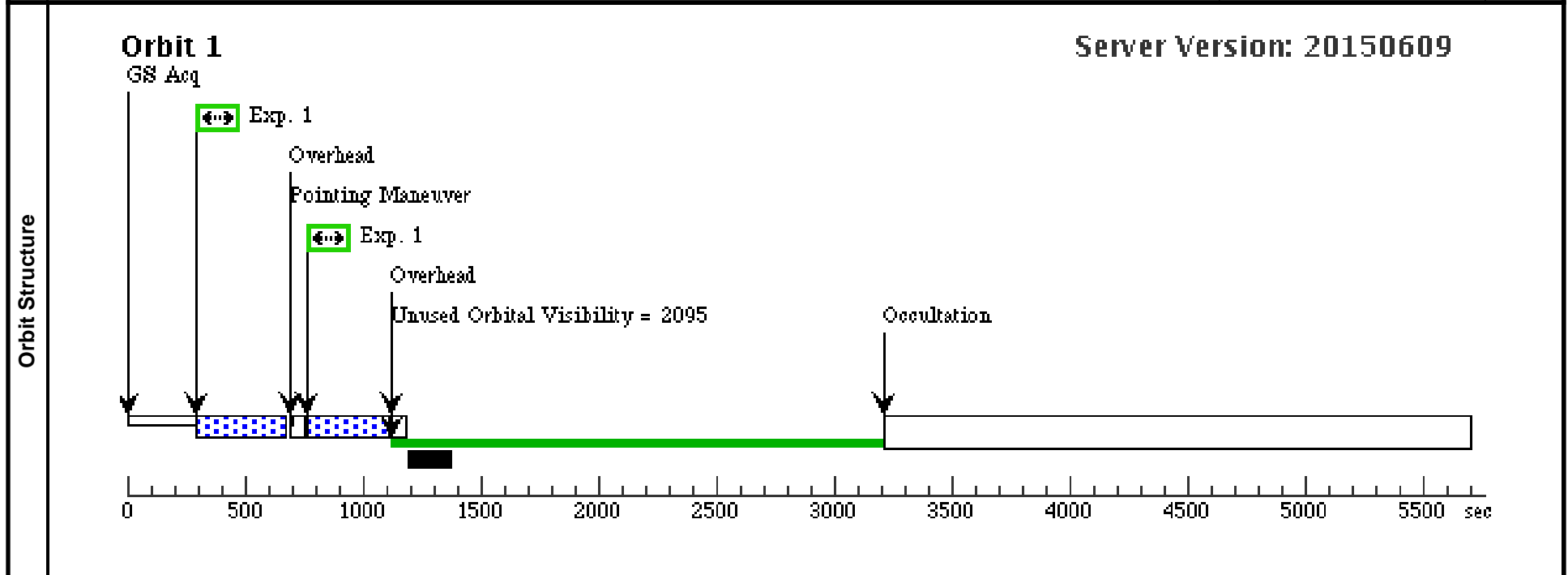
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 64, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(64)	SNF20060621-015	RA: 21 15 32.0160 (318.8834000d) Dec: -13 24 5.40 (-13.40150d) Equinox: J2000	Redshift: 0.0555	V=20.04	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(64) SNF20060621-015	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -64.81,-26.81	Pattern 1, Exps 1-1 in Visit 64 (1)	350 Secs (700 Secs)	
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	[1]



Proposal 14163 - Visit 65 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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<b>Visit</b>	<b>Proposal 14163, Visit 65, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

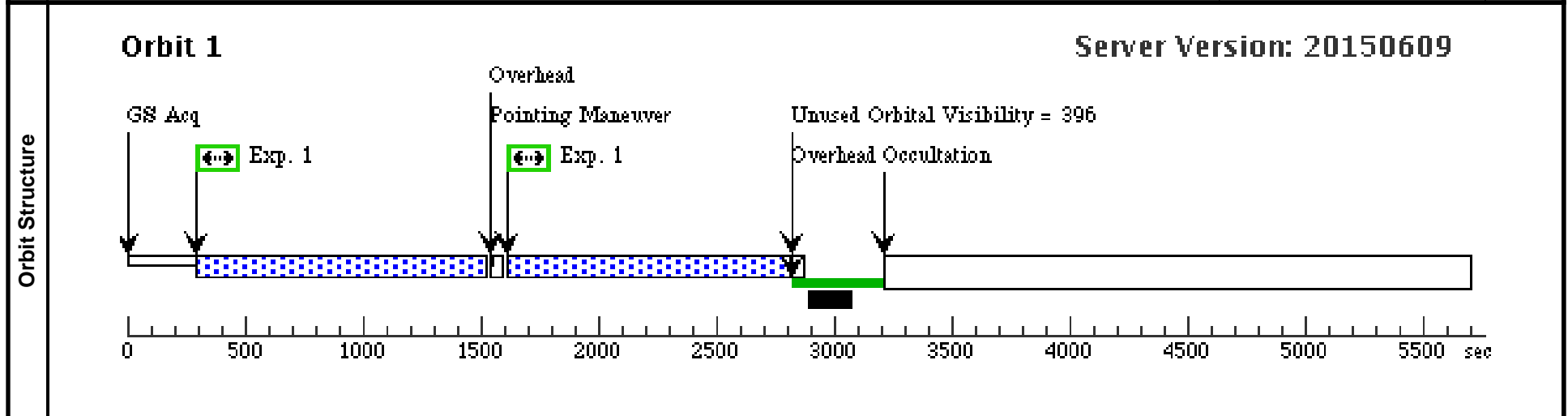
<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(65)	SNF20060908-004	RA: 20 45 33.6240 (311.3901000d) Dec: +14 47 14.28 (14.78730d) Equinox: J2000	Redshift: 0.05	V=23.57	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(65) SNF20060908-004	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.82,-28.82	Pattern 1, Exps 1-1 in Visit 65 (1)	1200 Secs (2400 Secs)	[1]

[=>(Pattern 1)]  
[=>(Pattern 2)]



Proposal 14163 - Visit 66 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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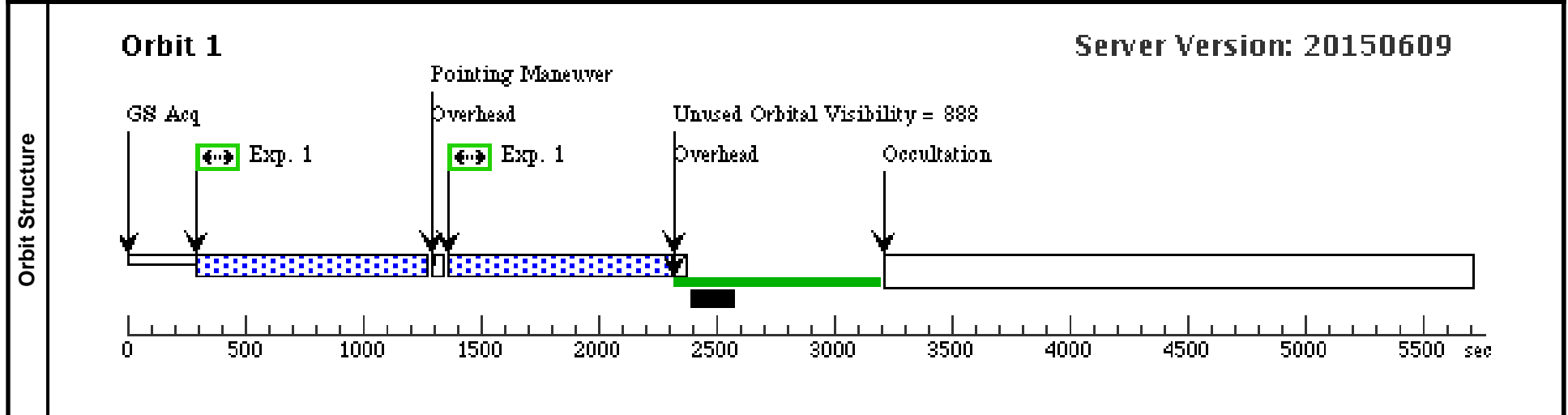
<b>Visit</b>	<b>Proposal 14163, Visit 66, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(66)	SNF20060911-014	RA: 23 02 8.1840 (345.5341000d) Dec: -04 25 21.36 (-4.42260d) Equinox: J2000	Redshift: 0.09459	V=22.18	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(66) SNF20060911-014	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -70.61,-34.61	Pattern 1, Exps 1-1 in Visit 66 (1)	950 Secs (1900 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 67 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

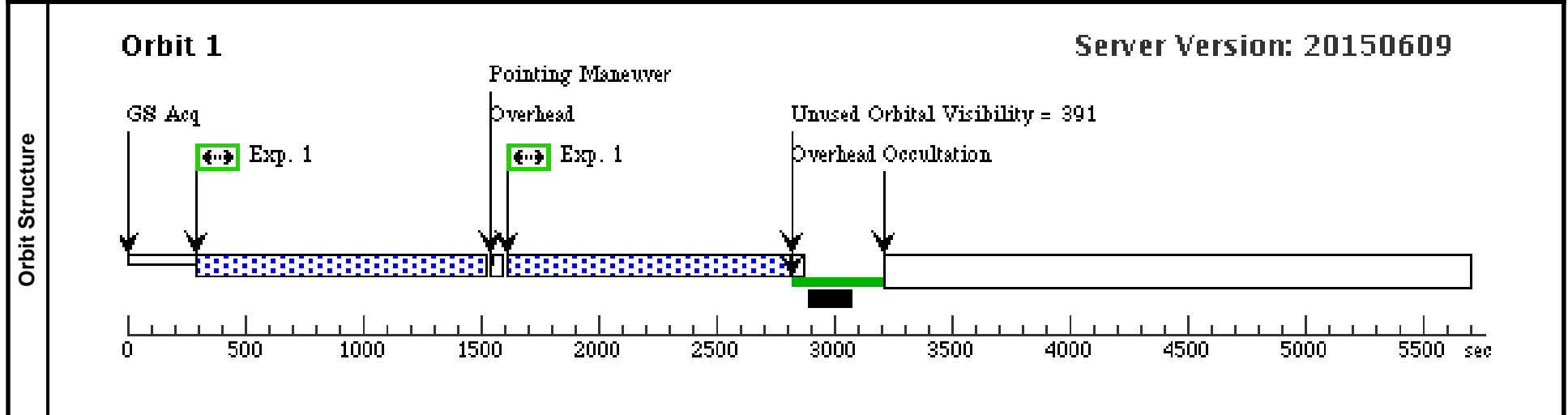
Sun Jul 26 01:21:38 GMT 2015

<b>Visit</b>	Proposal 14163, Visit 67, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)		
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<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(67)	SNF20060912-000	RA: 00 52 45.1200 (13.1880000d) Dec: -08 17 11.40 (-8.28650d) Equinox: J2000	Redshift: 0.07344	V=20.29	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(67) SNF20060912-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -63.32,- 27.32	Pattern 1, Exps 1-1 i n Visit 67 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 68 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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<b>Visit</b>	<b>Proposal 14163, Visit 68, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

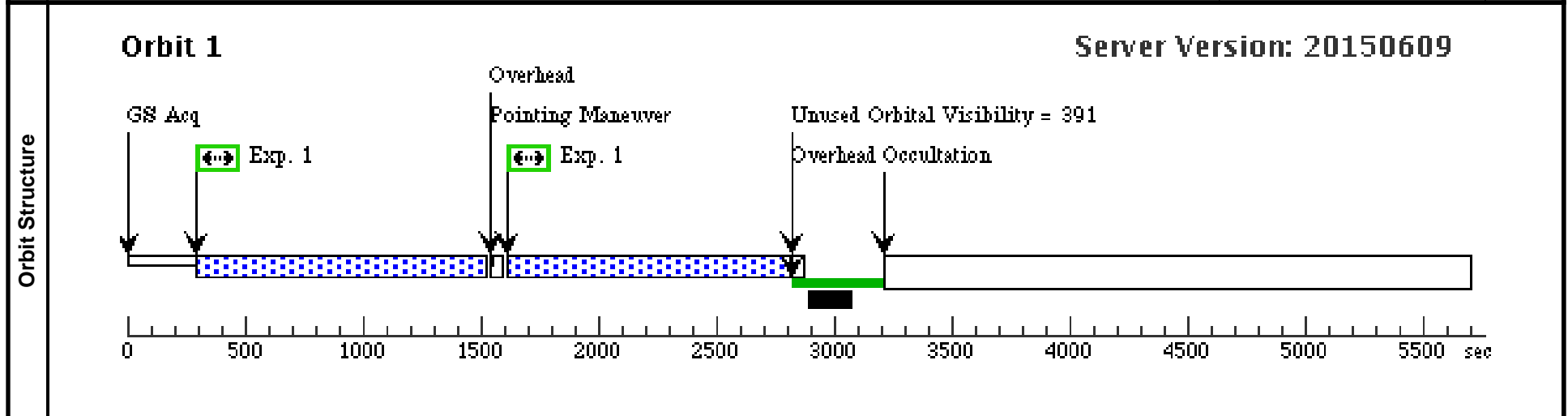
<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(68)	SNF20060912-004	RA: 01 36 27.6720 (24.1153000d) Dec: -05 40 21.36 (-5.67260d) Equinox: J2000	Redshift: 0.07799	V=20.91	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(68) SNF20060912-004	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -63.48,- 28.48	Pattern 1, Exps 1-1 i n Visit 68 (1)	1200 Secs (2400 Secs)	[1]

[=>(Pattern 1)]  
[=>(Pattern 2)]



Proposal 14163 - Visit 69 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

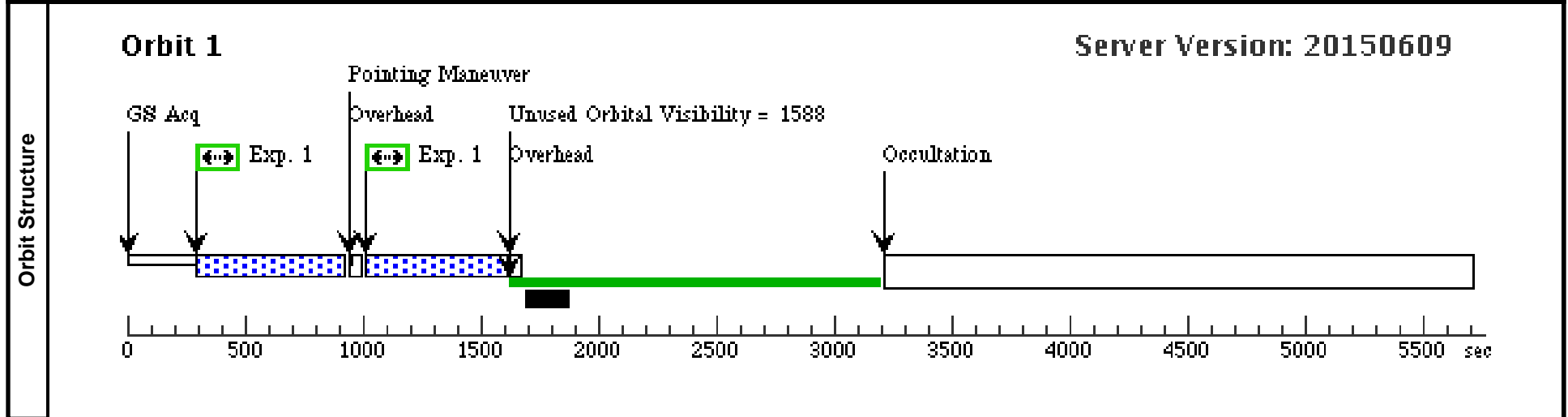
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 69, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(69)	SNF20060916-002	RA: 00 50 35.4240 (12.6476000d) Dec: +04 47 40.56 (4.79460d) Equinox: J2000	Redshift: 0.07283	V=20.94	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(69) SNF20060916-002	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -68.79,- 31.79	Pattern 1, Exps 1-1 i n Visit 69 (1)	600 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 70 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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<b>Visit</b>	<b>Proposal 14163, Visit 70, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

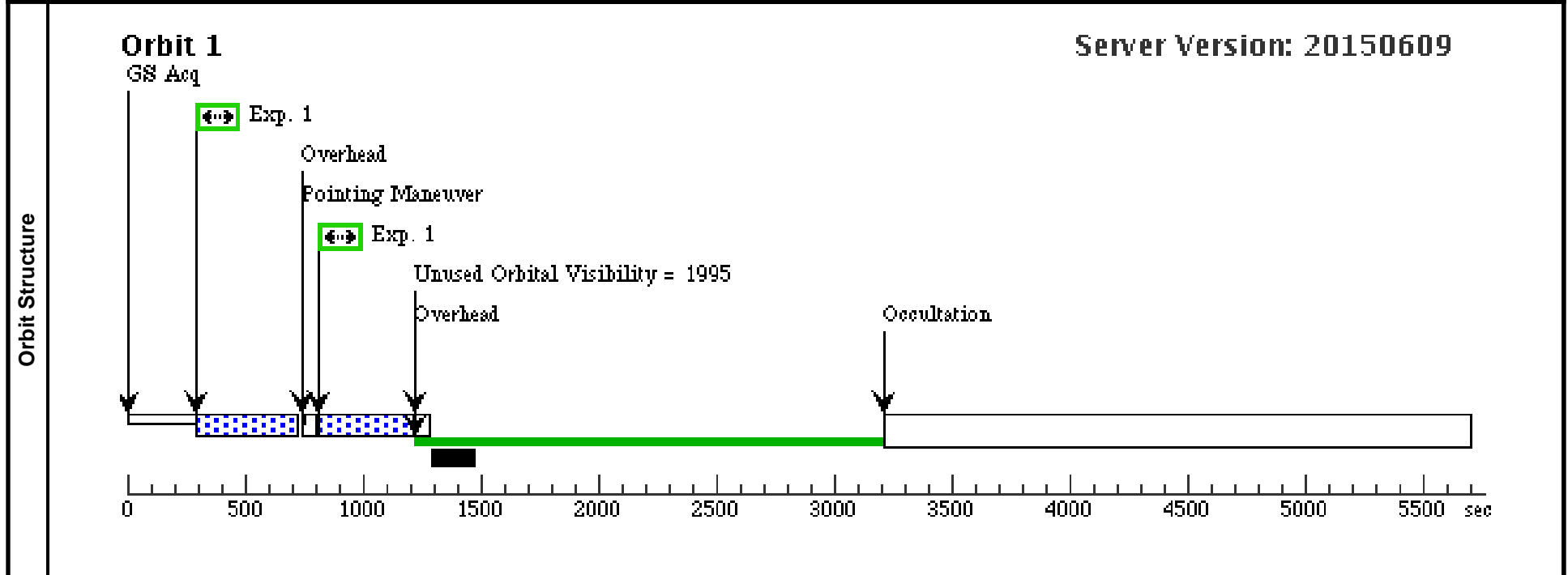
<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(70)	SNF20061009-008	RA: 00 59 51.2160 (14.9634000d) Dec: -11 02 0.96 (-11.03360d) Equinox: J2000	Redshift: 0.0572	V=20.45	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(70) SNF20061009-008	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -66.89,-29.89	Pattern 1, Exps 1-1 in Visit 70 (1)	400 Secs (800 Secs)	

[==>(Pattern 1)]  
[==>(Pattern 2)]



Proposal 14163 - Visit 71 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

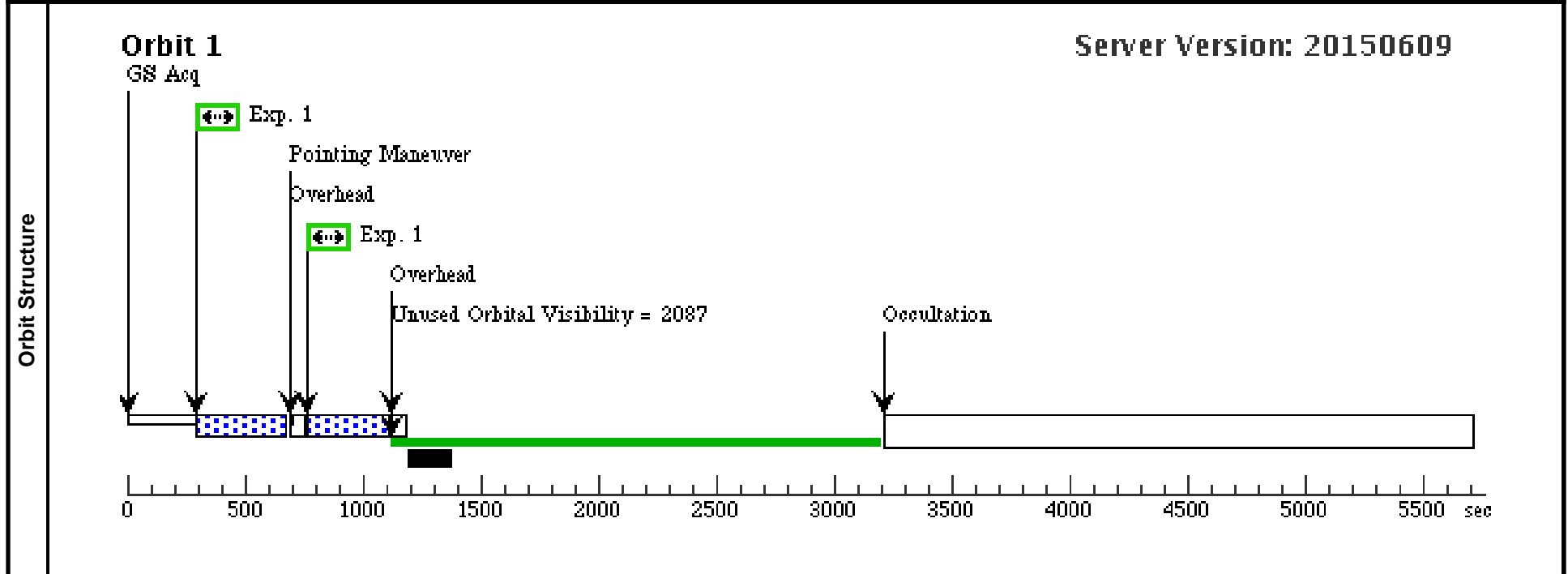
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 71, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(71)	SNF20061011-005	RA: 02 46 40.4160 (41.6684000d) Dec: -01 48 18.36 (-1.80510d) Equinox: J2000	Redshift: 0.02338	V=18.07	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(71) SNF20061011-005	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -55.54,-19.54	Pattern 1, Exps 1-1 in Visit 71 (1)	350 Secs (700 Secs)	
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	[1]



Proposal 14163 - Visit 72 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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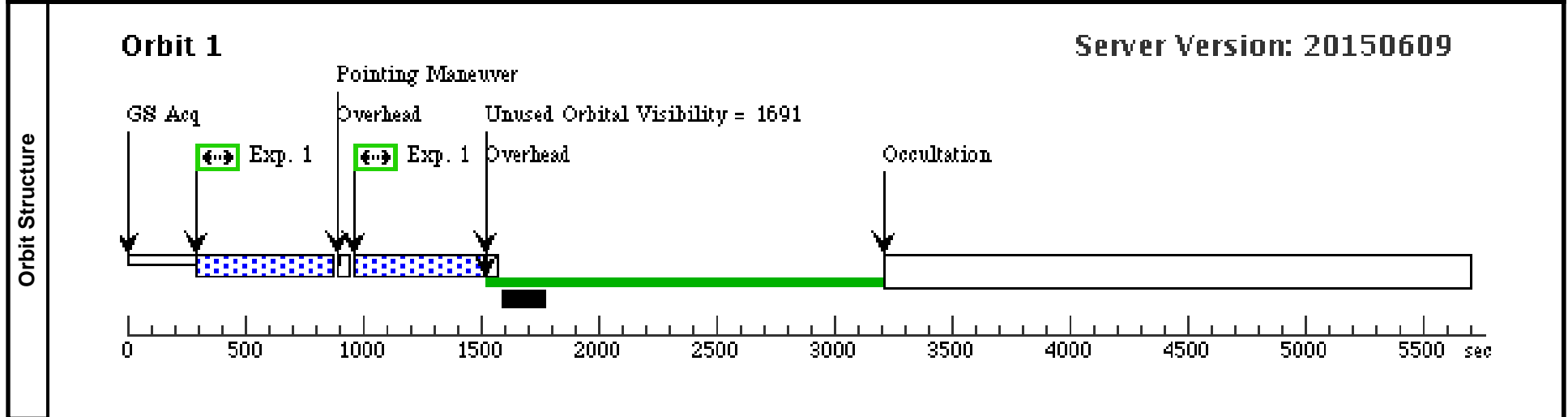
<b>Visit</b>	<b>Proposal 14163, Visit 72, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(72)	SNF20061020-000	RA: 00 41 5.2080 (10.2717000d) Dec: +06 47 44.16 (6.79560d) Equinox: J2000	Redshift: 0.03908	V=18.64	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(72) SNF20061020-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -58.10,-20.10	Pattern 1, Exps 1-1 in Visit 72 (1)	550 Secs (1100 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 73 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

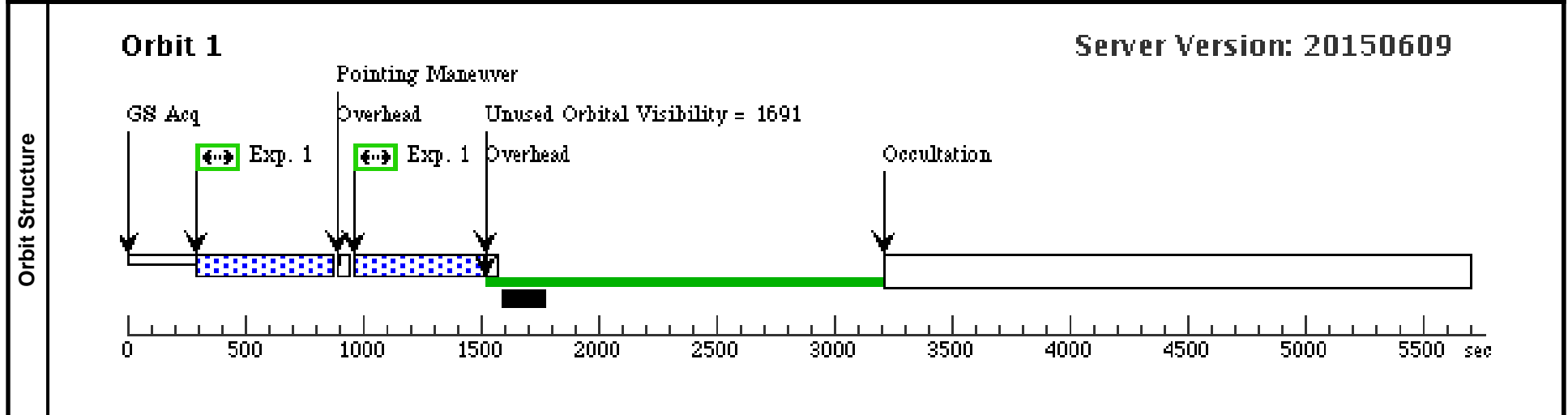
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	Proposal 14163, Visit 73, implementation		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(73)	SNF20061021-003	RA: 00 36 13.5120 (9.0563000d) Dec: +07 10 0.48 (7.16680d) Equinox: J2000	Redshift: 0.06273	V=19.93	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(73) SNF20061021-003	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -60.10,- 23.10	Pattern 1, Exps 1-1 in Visit 73 (1)	550 Secs (1100 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 74 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

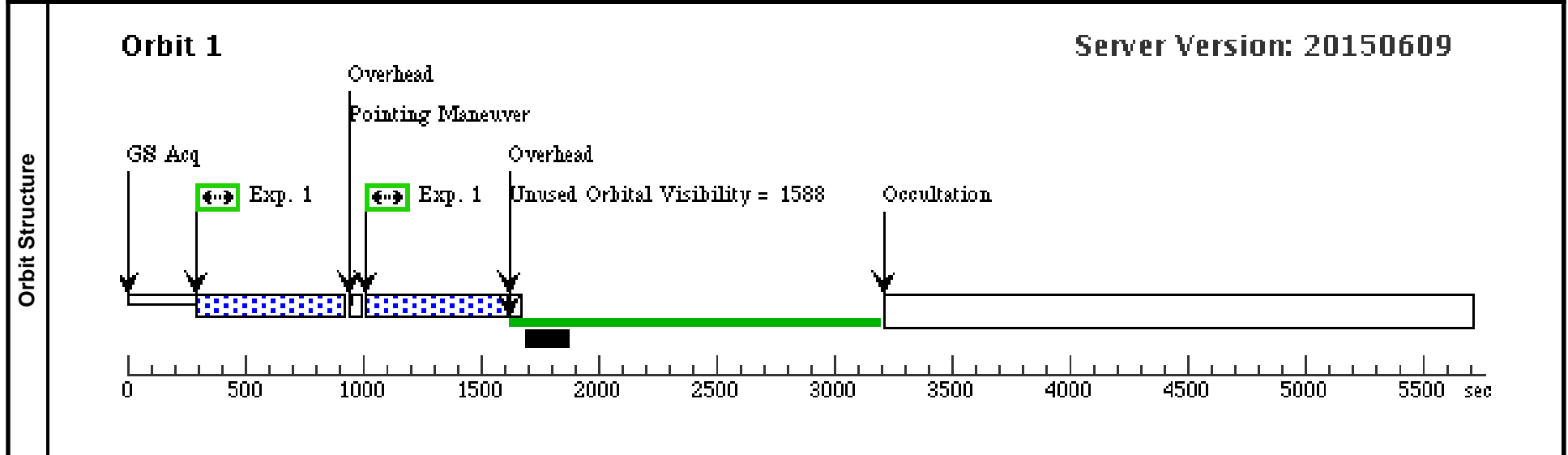
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	Proposal 14163, Visit 74, implementation		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(74)	SNF20061022-014	RA: 23 27 5.4000 (351.7725000d) Dec: +04 25 33.60 (4.426000d) Equinox: J2000	Redshift: 0.04106	V=17.67	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(74) SNF20061022-014	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -59.99,-21.99	Pattern 1, Exps 1-1 in Visit 74 (1)	600 Secs (1200 Secs)	
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	[1]



Proposal 14163 - Visit 75 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

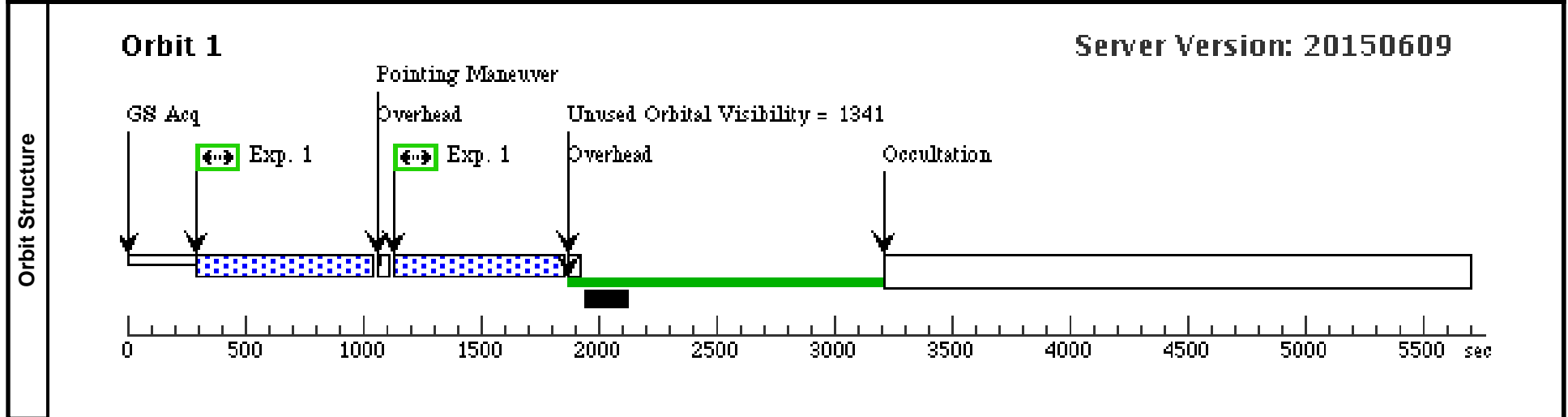
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 75, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(75)	SNF20061024-000	RA: 02 03 57.0960 (30.9879000d) Dec: -05 52 28.56 (-5.87460d) Equinox: J2000	Redshift: 0.05665	V=20.39	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(75) SNF20061024-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -55.64,-18.64	Pattern 1, Exps 1-1 in Visit 75 (1)	725 Secs (1450 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 76 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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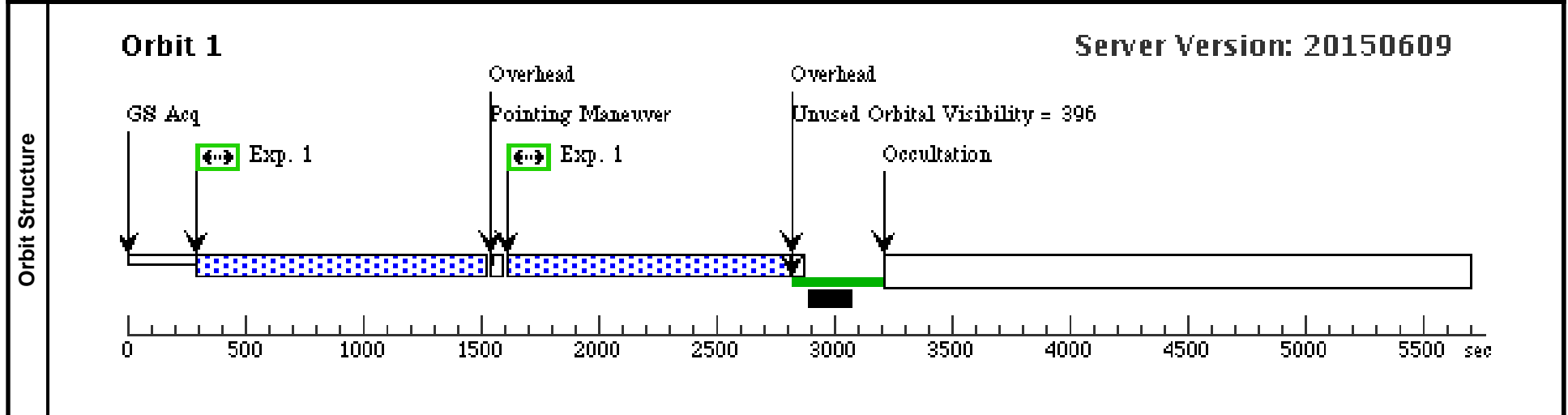
<b>Visit</b>	<b>Proposal 14163, Visit 76, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(76)	SNF20061108-004	RA: 02 11 50.6160 (32.9609000d) Dec: +14 27 11.52 (14.45320d) Equinox: J2000	Redshift: 0.08888	V=21.96	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(76) SNF20061108-004	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -70.34,- 33.34	Pattern 1, Exps 1-1 i n Visit 76 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 77 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

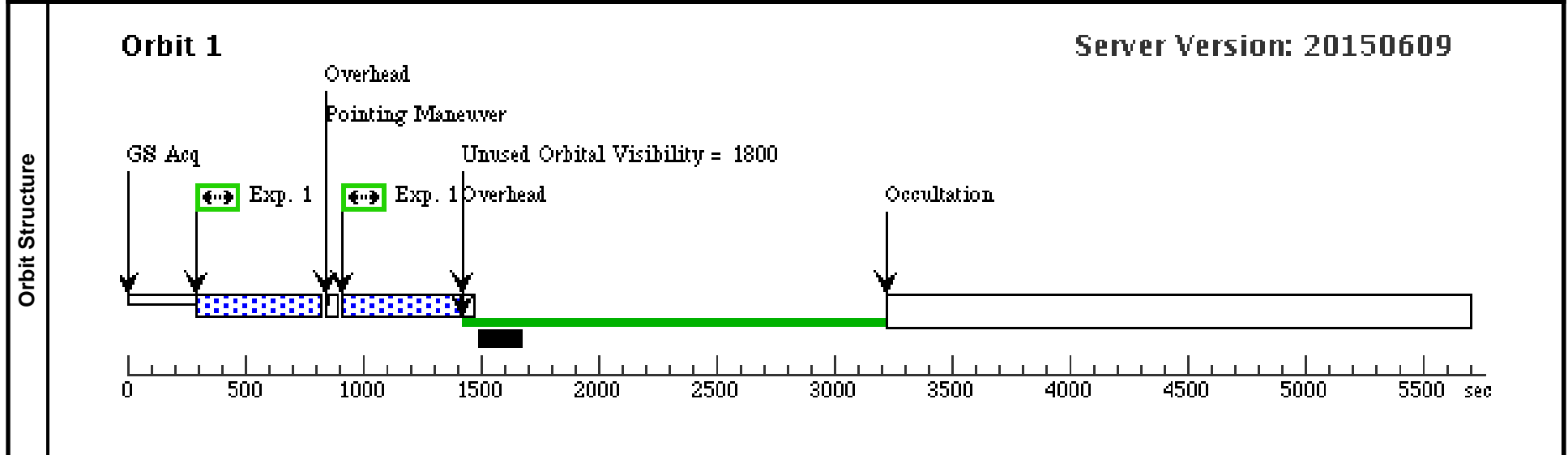
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 77, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(77)	SNF20070326-012	RA: 11 59 13.0800 (179.8045000d) Dec: +20 49 30.72 (20.82520d) Equinox: J2000	Redshift: 0.07016	V=19.23	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(77) SNF20070326-012	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -64.17,- 28.17	Pattern 1, Exps 1-1 i n Visit 77 (1)	500 Secs (1000 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 78 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

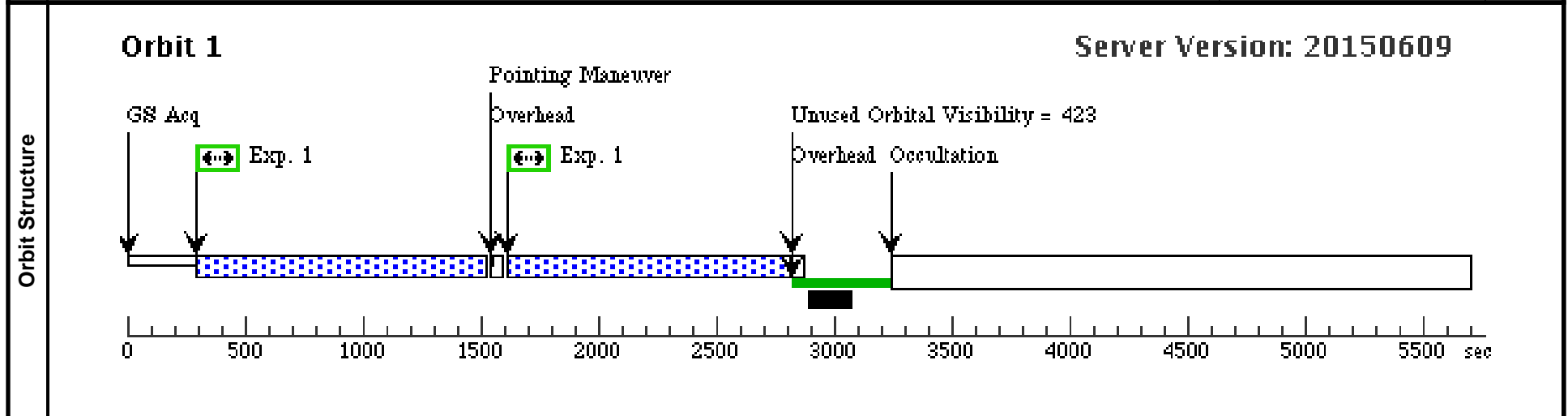
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 78, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(78)	SNF20070331-014	RA: 10 44 17.4240 (161.0726000d) Dec: +34 56 40.92 (34.94470d) Equinox: J2000	Redshift: 0.06706	V=23.49	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(78) SNF20070331-014	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -53.20,-15.20	Pattern 1, Exps 1-14 in Visit 78 (1)	1200 Secs (2400 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 79 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

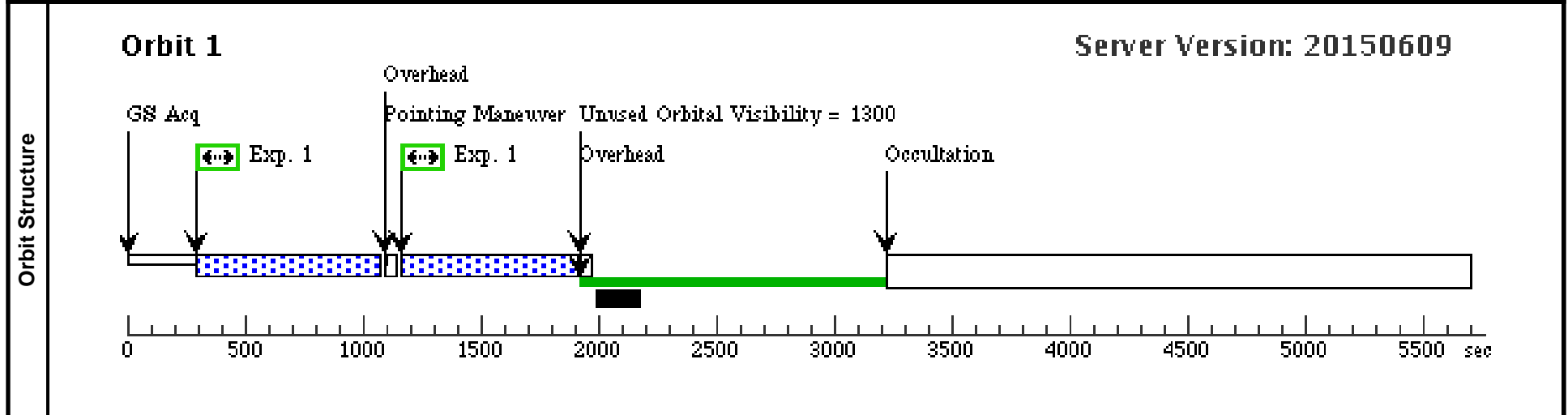
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 79, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(79)	SNF20070403-000	RA: 10 44 56.6640 (161.2361000d) Dec: +23 15 41.76 (23.26160d) Equinox: J2000	Redshift: 0.04878	V=19.91	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(79) SNF20070403-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -60.09,-23.09	Pattern 1, Exps 1-1 in Visit 79 (1)	750 Secs (1500 Secs)	
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	[1]



Proposal 14163 - Visit 80 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

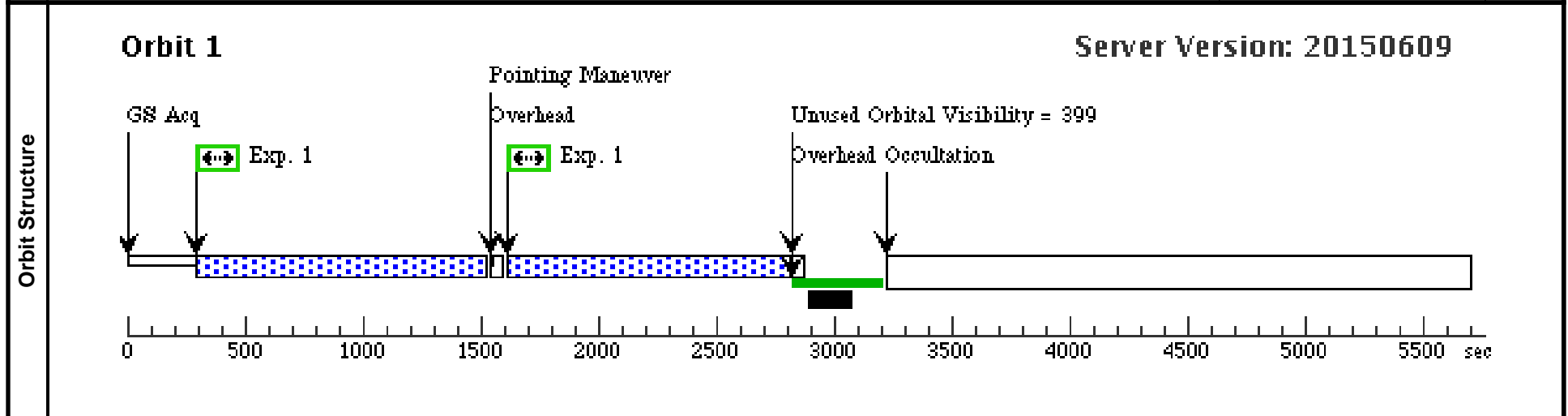
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 80, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(80)	SNF20070403-001	RA: 10 05 44.2320 (151.4343000d) Dec: +18 19 3.36 (18.31760d) Equinox: J2000	Redshift: 0.08035	V=20.88	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(80) SNF20070403-0 01	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -63.77,- 26.77	Pattern 1, Exps 1-1 i n Visit 80 (1)	1200 Secs (2400 Secs)	[1]
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	



Proposal 14163 - Visit 81 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

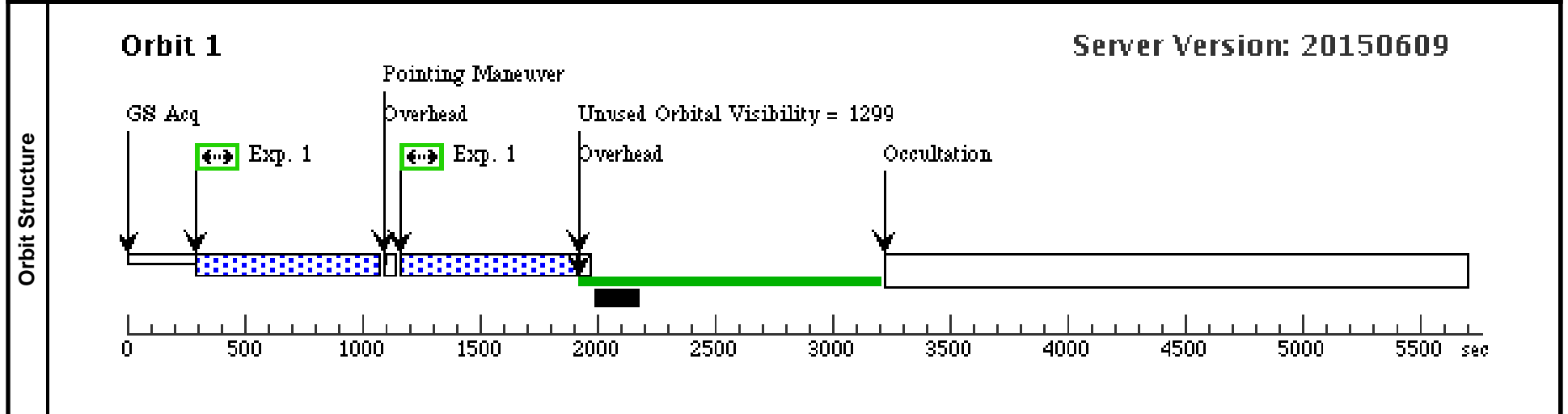
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 81, implementation</b> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)		
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<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(81)	SNF20070420-001	RA: 10 34 51.2640 (158.7136000d) Dec: +16 06 39.96 (16.11110d) Equinox: J2000	Redshift: 0.09491	V=22.5	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(81) SNF20070420-001	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -70.76,-34.76	Pattern 1, Exps 1-1 in Visit 81 (1)	750 Secs (1500 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 82 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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<b>Visit</b>	<b>Proposal 14163, Visit 82, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

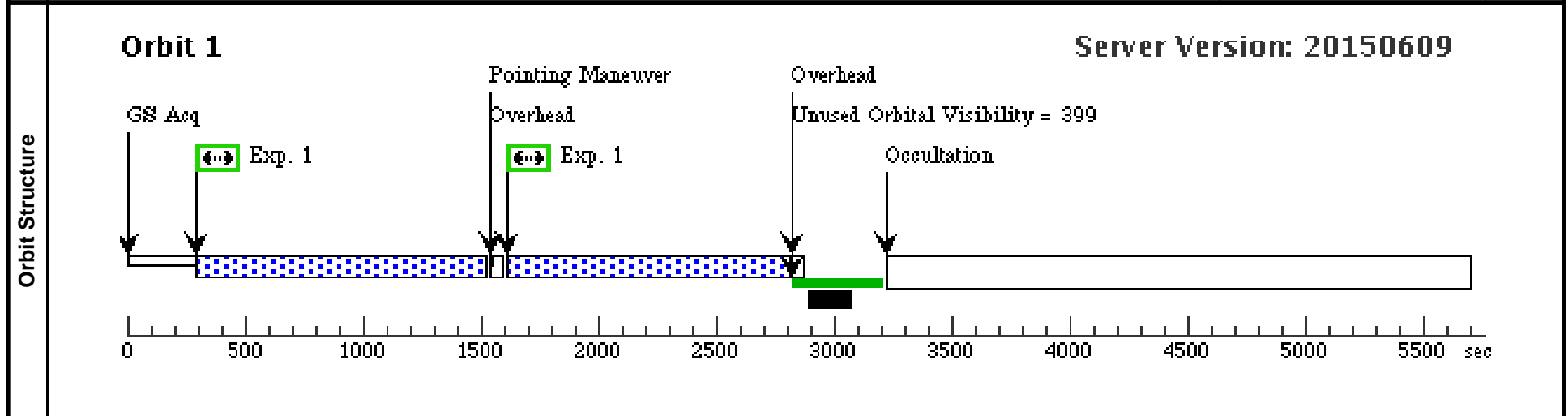
<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(82)	SNF20070424-003	RA: 14 57 54.5280 (224.4772000d) Dec: +18 36 20.88 (18.60580d) Equinox: J2000	Redshift: 0.06754	V=21.42	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(82) SNF20070424-003	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.40,-28.40	Pattern 1, Exps 1-1 in Visit 82 (1)	1200 Secs (2400 Secs)	[1]

[=>(Pattern 1)]  
[=>(Pattern 2)]



Proposal 14163 - Visit 83 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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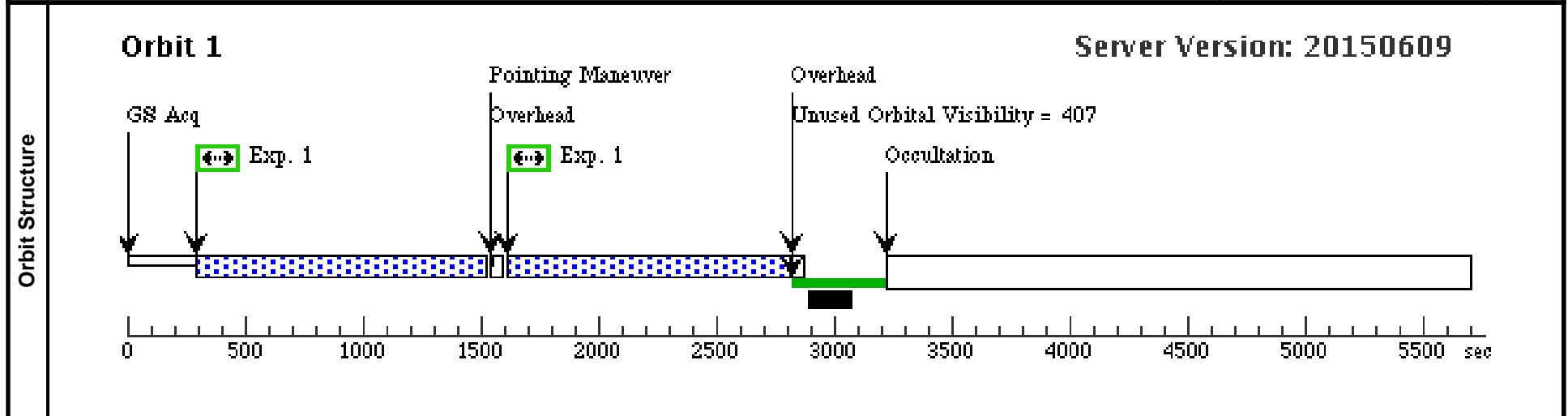
<b>Visit</b>	<b>Proposal 14163, Visit 83, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(83)	SNF20070427-001	RA: 10 56 3.7920 (164.0158000d) Dec: +28 08 37.32 (28.14370d) Equinox: J2000	Redshift: 0.0766	V=21.43	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(83) SNF20070427-001	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -66.34,-30.34	Pattern 1, Exps 1-1 in Visit 83 (1)	1200 Secs (2400 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 84 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

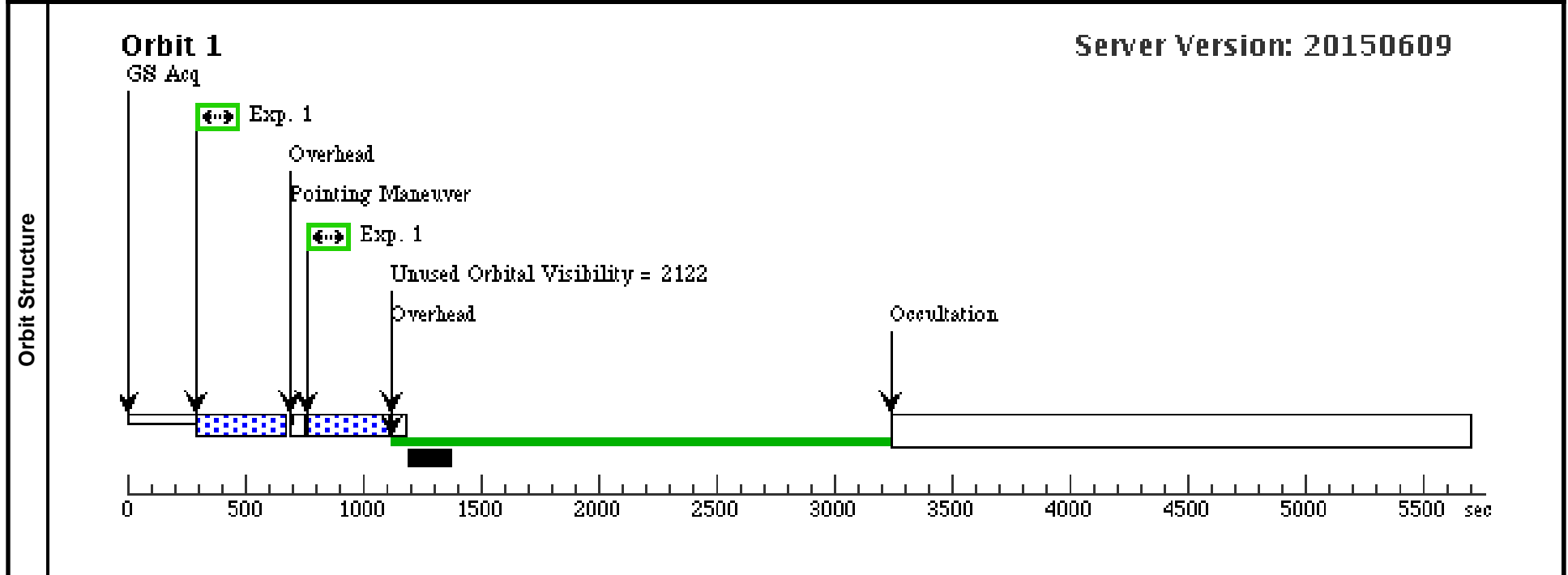
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 84, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(84)	SNF20070429-000	RA: 14 10 3.6720 (212.5153000d) Dec: +33 10 2.28 (33.16730d) Equinox: J2000	Redshift: 0.0664	V=19.85	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(84) SNF20070429-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -64.73,-27.73	Pattern 1, Exps 1-1 in Visit 84 (1)	350 Secs (700 Secs)	
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	[1]



Proposal 14163 - Visit 85 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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<b>Visit</b>	<b>Proposal 14163, Visit 85, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

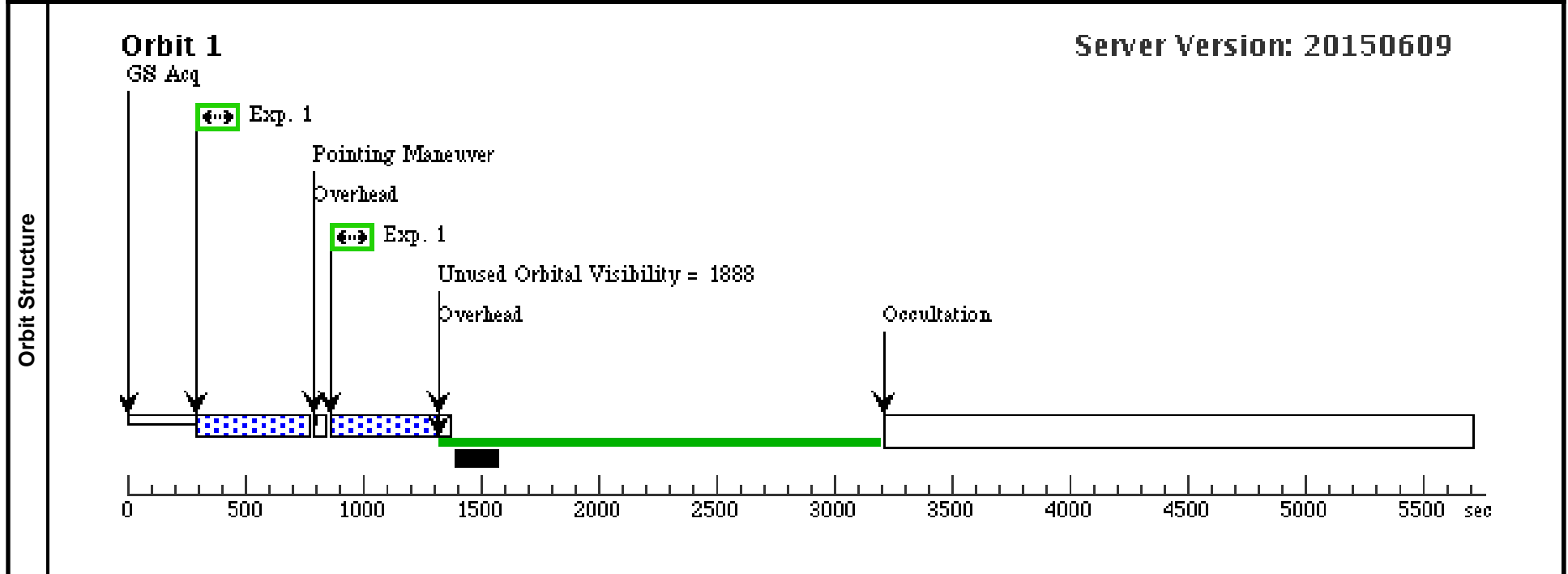
<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(85)	SNF20070506-006	RA: 15 09 34.6320 (227.3943000d) Dec: +04 52 28.92 (4.87470d) Equinox: J2000	Redshift: 0.03486	V=19.48	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(85) SNF20070506-006	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -52.58,-14.58	Pattern 1, Exps 1-1 in Visit 85 (1)	450 Secs (900 Secs)	

[=>(Pattern 1)]  
[=>(Pattern 2)]



Proposal 14163 - Visit 86 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

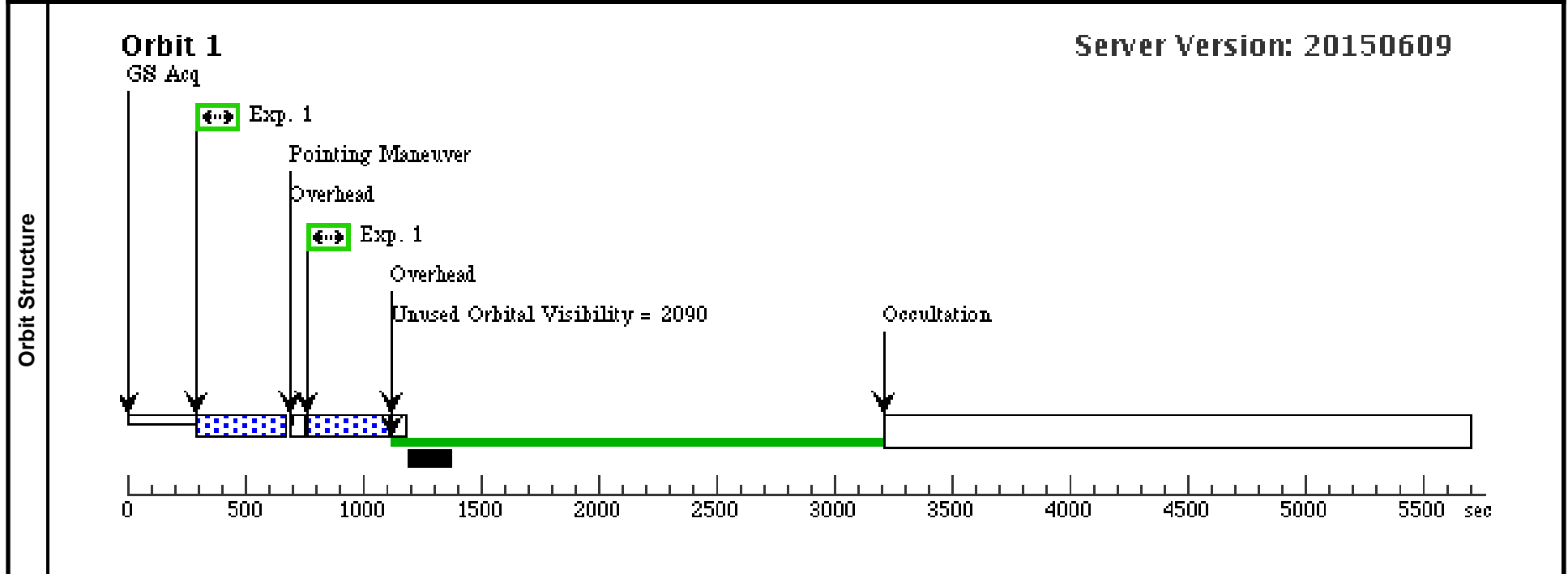
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 86, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(86)	SNF20070531-011	RA: 14 42 51.4800 (220.7145000d) Dec: +08 45 31.68 (8.75880d) Equinox: J2000	Redshift: 0.03519	V=17.81	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(86) SNF20070531-011	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -50.41,-12.41	Pattern 1, Exps 1-1 in Visit 86 (1)	350 Secs (700 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 14163 - Visit 87 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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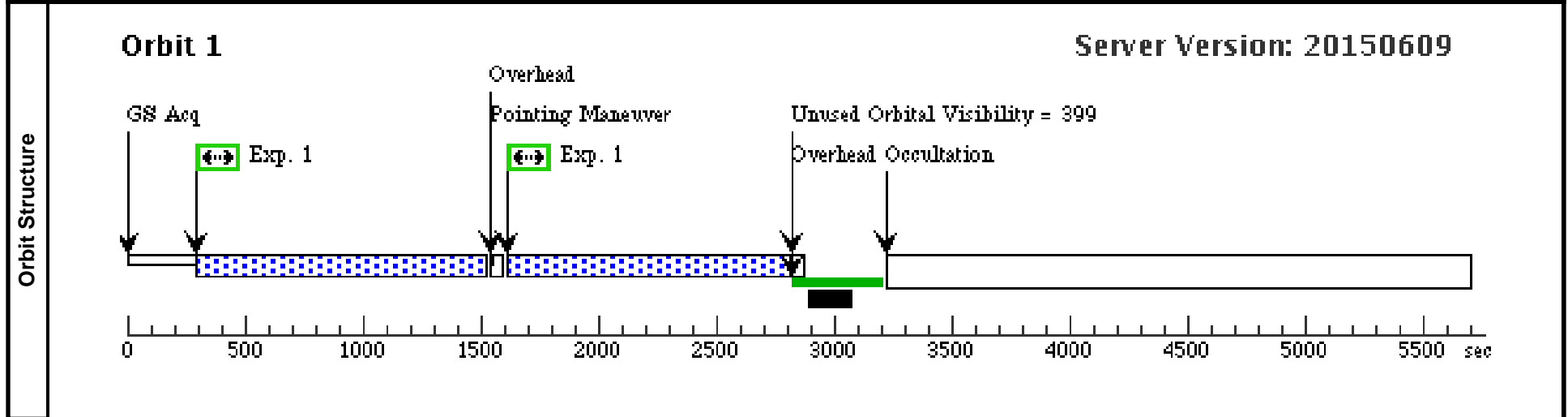
<b>Visit</b>	<b>Proposal 14163, Visit 87, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(87)	SNF20070630-006	RA: 23 35 27.5040 (353.8646000d) Dec: +19 13 25.68 (19.22380d) Equinox: J2000	Redshift: 0.07189	V=20.68	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(87) SNF20070630-006	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -67.21,- 29.21	Pattern 1, Exps 1-1 i n Visit 87 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 88 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

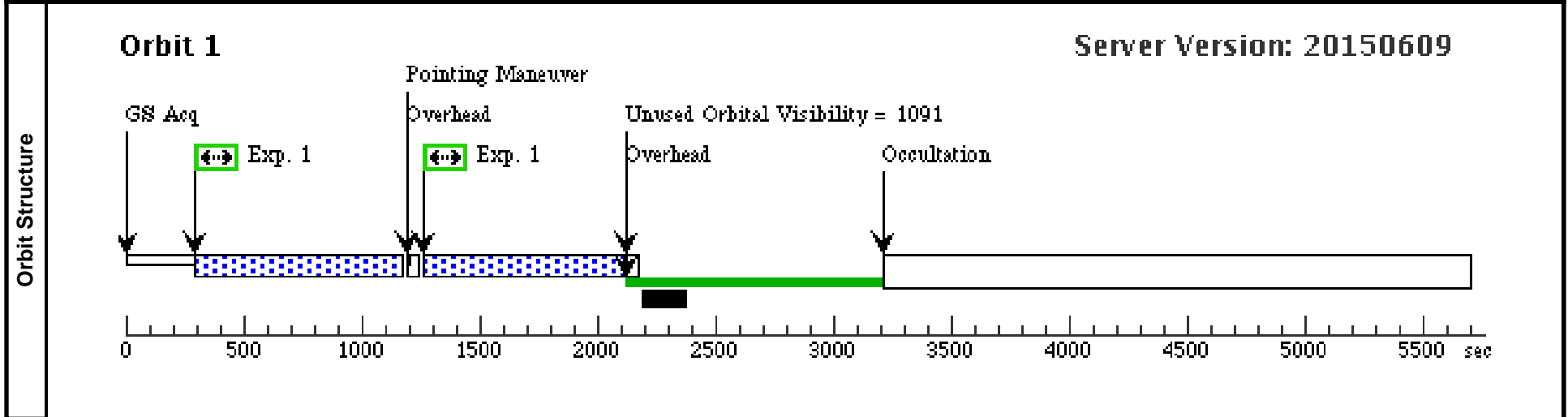
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 88, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(88)	SNF20070701-005	RA: 23 25 8.5920 (351.2858000d) Dec: -09 58 47.28 (-9.97980d) Equinox: J2000	Redshift: 0.06962	V=19.58	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(88) SNF20070701-005	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.56,-28.56	Pattern 1, Exps 1-1 in Visit 88 (1)	850 Secs (1700 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 89 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

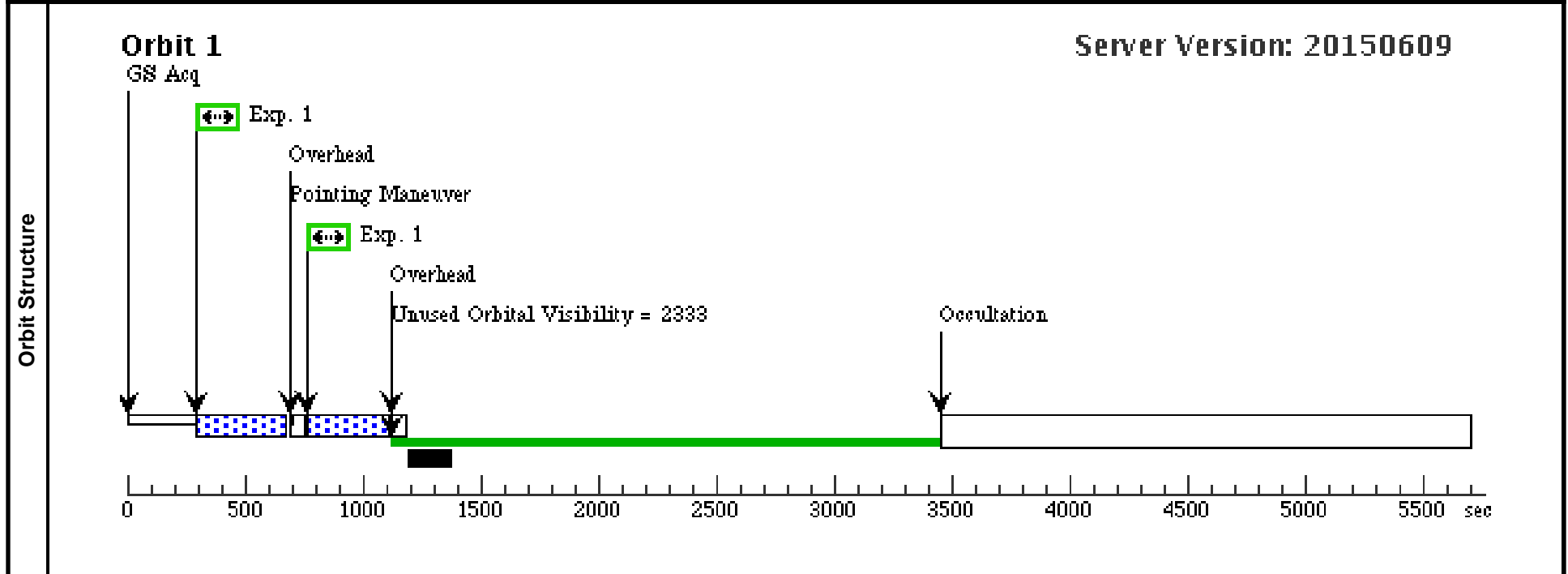
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 89, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(89)	SNF20070712-000	RA: 17 46 11.2320 (266.5468000d) Dec: +55 15 59.40 (55.26650d) Equinox: J2000	Redshift: 0.03	V=18.02	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(89) SNF20070712-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -55.52,-20.52	Pattern 1, Exps 1-1 in Visit 89 (1)	350 Secs (700 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 14163 - Visit 90 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 90, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

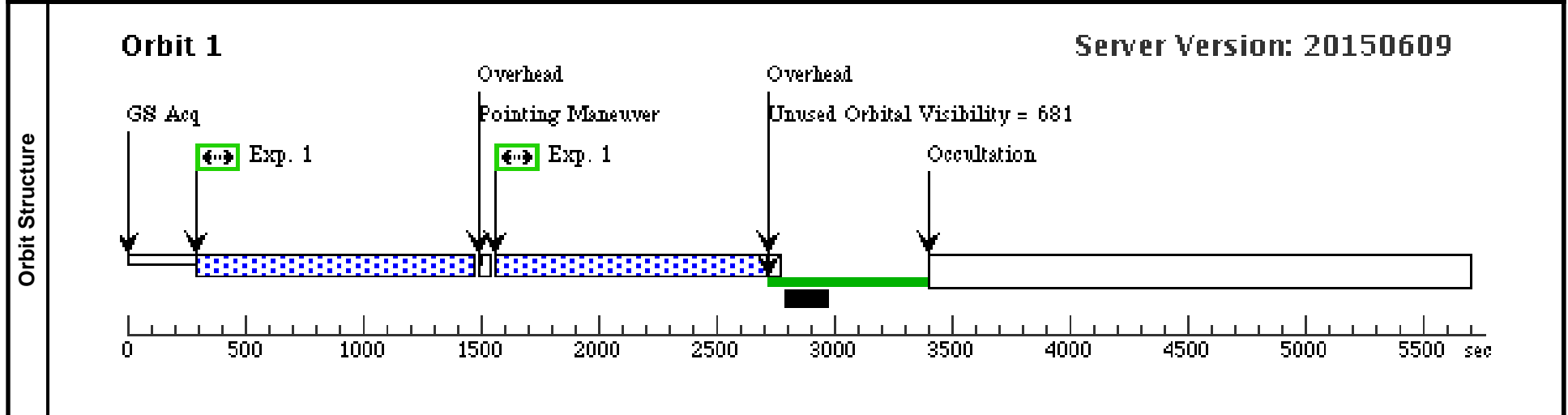
<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(90)	SNF20070712-003	RA: 16 42 40.3680 (250.6682000d) Dec: +50 35 50.28 (50.59730d) Equinox: J2000	Redshift: 0.07385	V=21.56	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(90) SNF20070712-003	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -66.65,-28.65	Pattern 1, Exps 1-1 in Visit 90 (1)	1150 Secs (2300 Secs)	

[=>(Pattern 1)]  
[=>(Pattern 2)]



Proposal 14163 - Visit 91 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

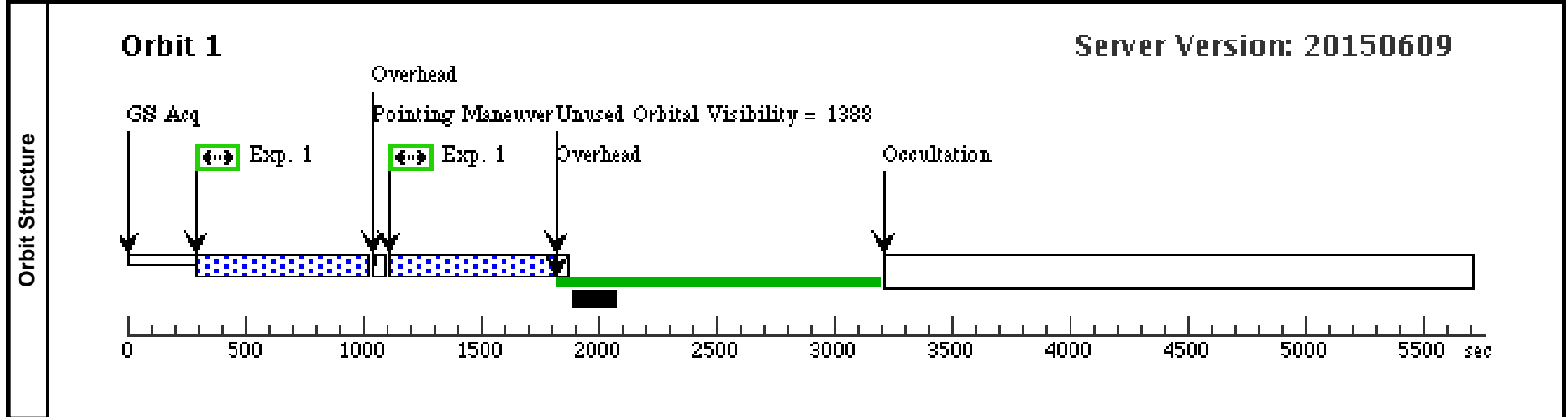
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 91, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(91)	SNF20070714-007	RA: 15 46 39.5280 (236.6647000d) Dec: +03 29 36.96 (3.49360d) Equinox: J2000	Redshift: 0.04126	V=18.31	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(91) SNF20070714-007	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -57.75,- 20.75	Pattern 1, Exps 1-1 i n Visit 91 (1)	700 Secs (1400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 92 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

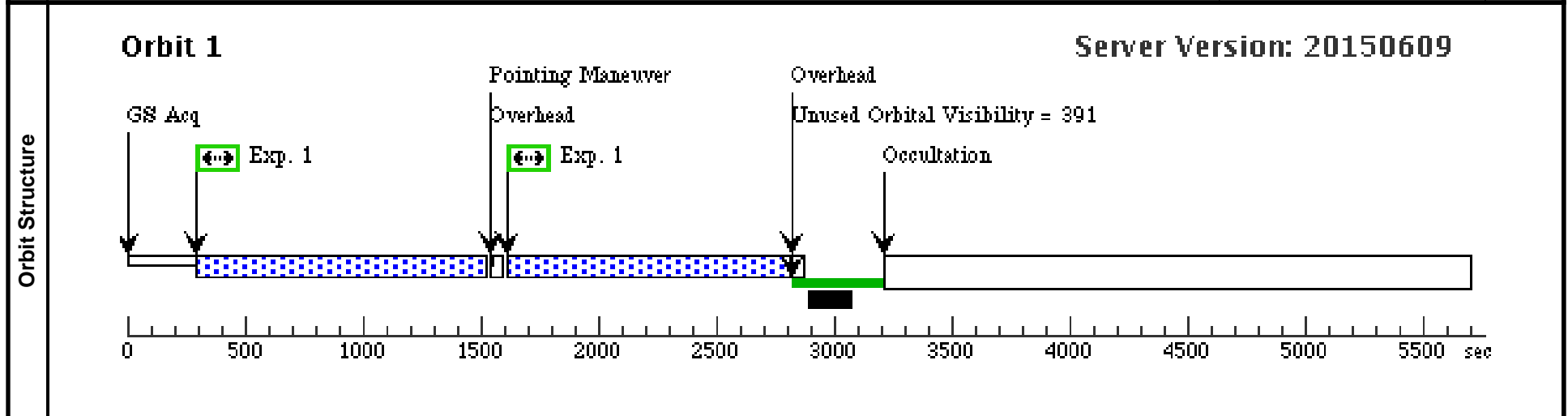
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 92, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(92)	SNF20070725-001	RA: 21 05 1.8480 (316.2577000d) Dec: +08 16 24.60 (8.27350d) Equinox: J2000	Redshift: 0.06803	V=21.61	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(92) SNF20070725-001	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -63.90,-25.90	Pattern 1, Exps 1-1 in Visit 92 (1)	1200 Secs (2400 Secs)	
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	[1]



Proposal 14163 - Visit 93 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

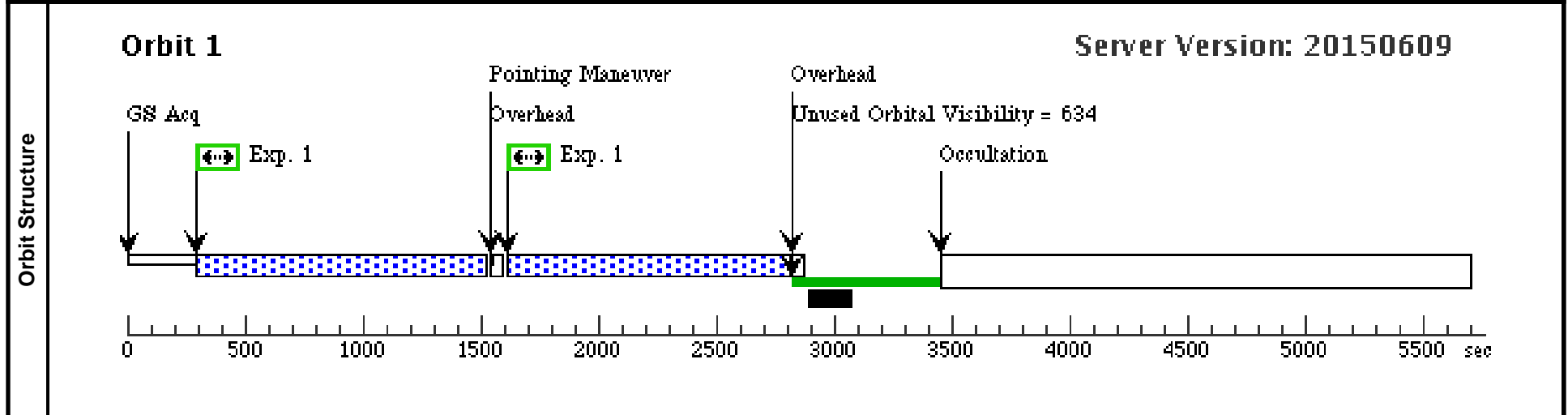
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	Proposal 14163, Visit 93, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)		
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<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(93)	SNF20070727-016	RA: 16 14 30.1200 (243.6255000d) Dec: +56 04 10.56 (56.06960d) Equinox: J2000	Redshift: 0.06606	V=25.0	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(93) SNF20070727-016	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -60.79,-22.79	Pattern 1, Exps 1-1 in Visit 93 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 94 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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<b>Visit</b>	<b>Proposal 14163, Visit 94, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

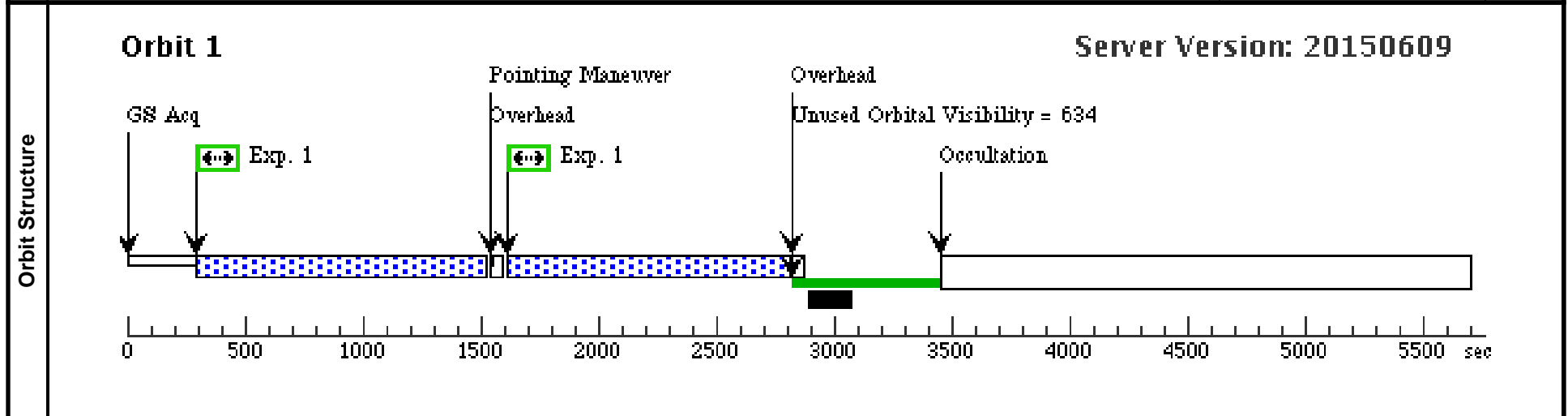
<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(94)	SNF20070802-000	RA: 16 14 51.6960 (243.7154000d) Dec: +56 23 56.04 (56.39890d) Equinox: J2000	Redshift: 0.06472	V=25.0	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(94) SNF20070802-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -40,-8	Pattern 1, Exps 1-1 in Visit 94 (1)	1200 Secs (2400 Secs)	

[=>(Pattern 1)]  
[=>(Pattern 2)]



Proposal 14163 - Visit 95 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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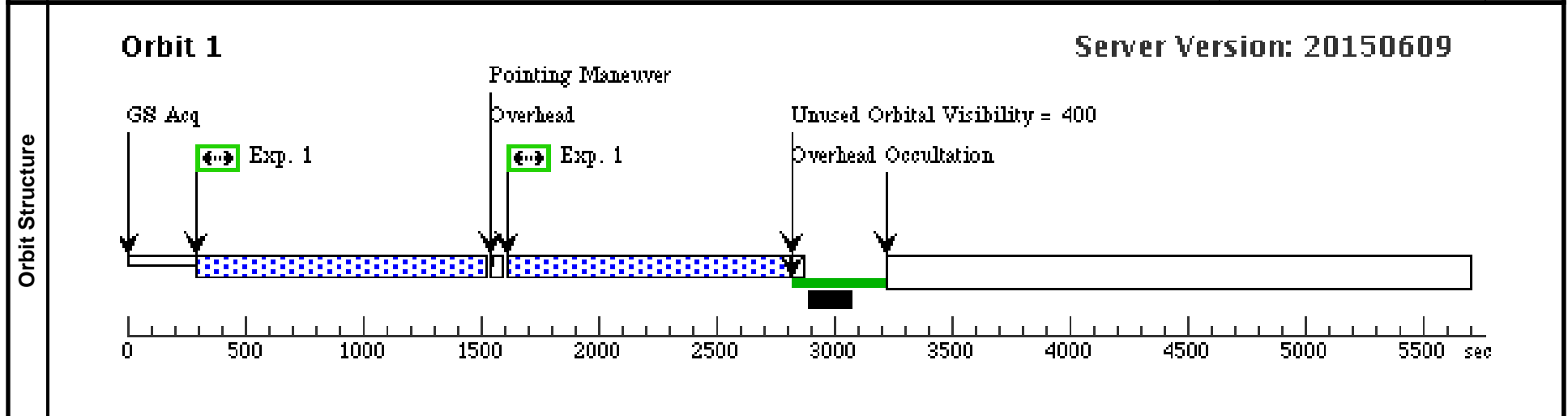
<b>Visit</b>	<b>Proposal 14163, Visit 95, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(95)	SNF20070803-005	RA: 22 26 23.6640 (336.5986000d) Dec: +21 15 5.76 (21.25160d) Equinox: J2000	Redshift: 0.03163	V=19.33	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(95) SNF20070803-005	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -55.54,- 17.54	Pattern 1, Exps 1-1 i n Visit 95 (1)	1200 Secs (2400 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)]	[1]	



Proposal 14163 - Visit 96 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

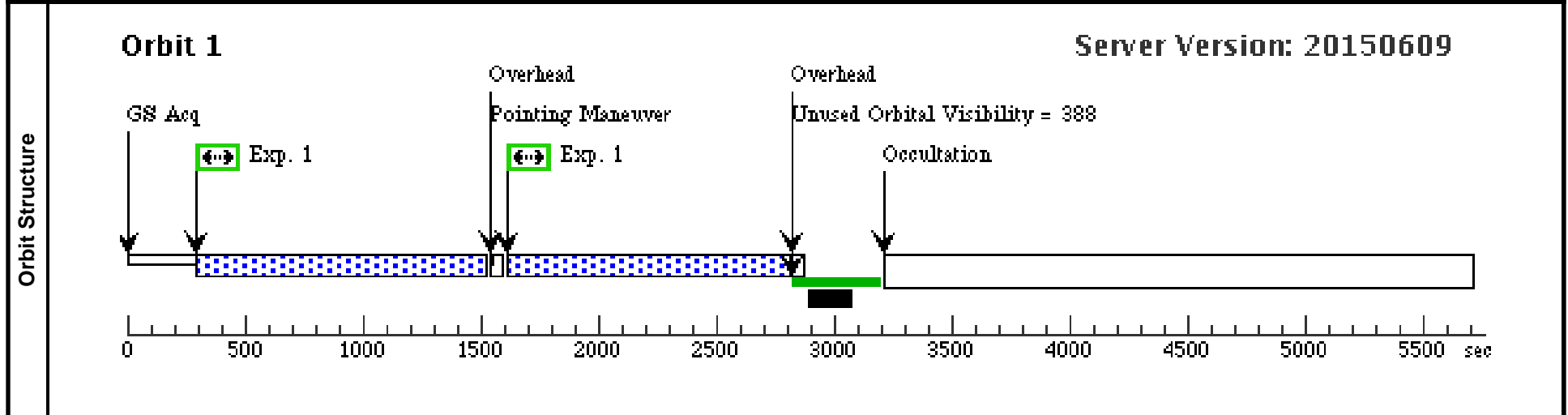
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 96, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(96)	SNF20070806-026	RA: 21 53 52.7280 (328.4697000d) Dec: +04 29 54.60 (4.49850d) Equinox: J2000	Redshift: 0.04522	V=20.6	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(96) SNF20070806-026	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -55.24,- 17.24	Pattern 1, Exps 1-1 i n Visit 96 (1)	1200 Secs (2400 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 97 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

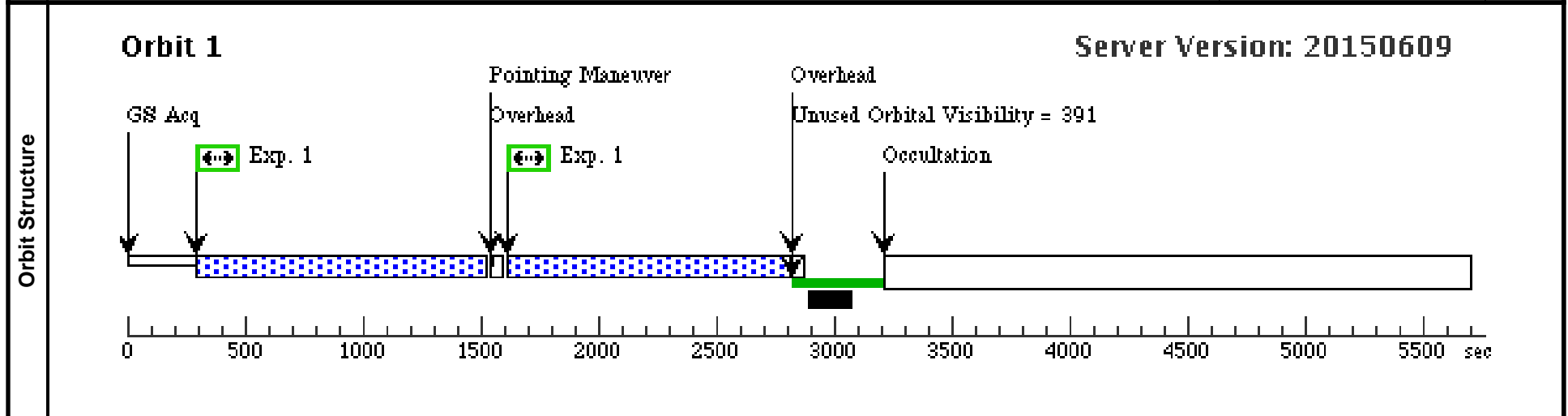
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 97, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(97)	SNF20070810-004	RA: 00 04 57.4080 (1.2392000d) Dec: -06 21 11.88 (-6.35330d) Equinox: J2000	Redshift: 0.08403	V=22.19	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(97) SNF20070810-004	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -68.32,- 30.32	Pattern 1, Exps 1-1 i n Visit 97 (1)	1200 Secs (2400 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 98 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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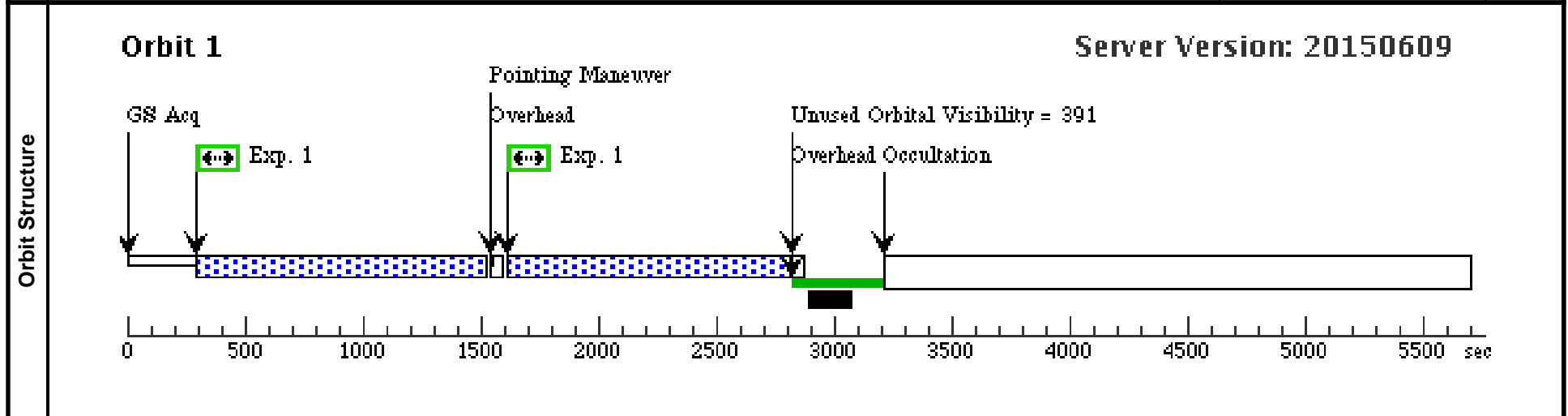
<b>Visit</b>	<b>Proposal 14163, Visit 98, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(98)	SNF20070817-003	RA: 01 37 34.4400 (24.3935000d) Dec: -09 11 55.32 (-9.19870d) Equinox: J2000	Redshift: 0.07019	V=22.55	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(98) SNF20070817-003	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -41.00,-1.00	Pattern 1, Exps 1-1 in Visit 98 (1)	1200 Secs (2400 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)]	[1]	



Proposal 14163 - Visit 99 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

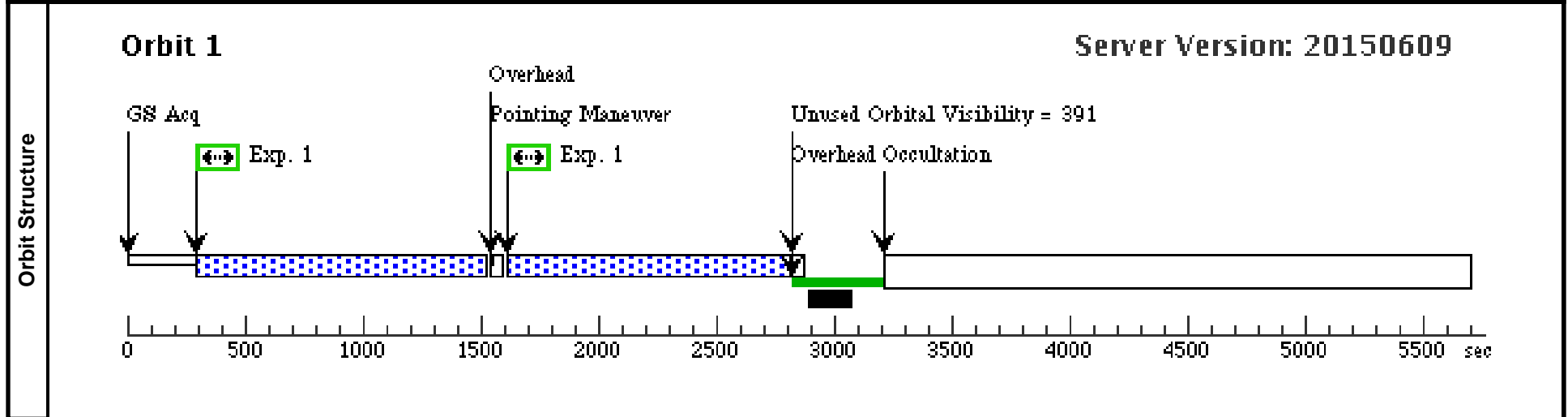
Sun Jul 26 01:21:39 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 99, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(99)	SNF20070818-001	RA: 01 10 55.2720 (17.7303000d) Dec: -06 27 9.00 (-6.45250d) Equinox: J2000	Redshift: 0.07449	V=21.81	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(99) SNF20070818-0 01	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -62.29,- 24.29	Pattern 1, Exps 1-1 i n Visit 99 (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0A - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

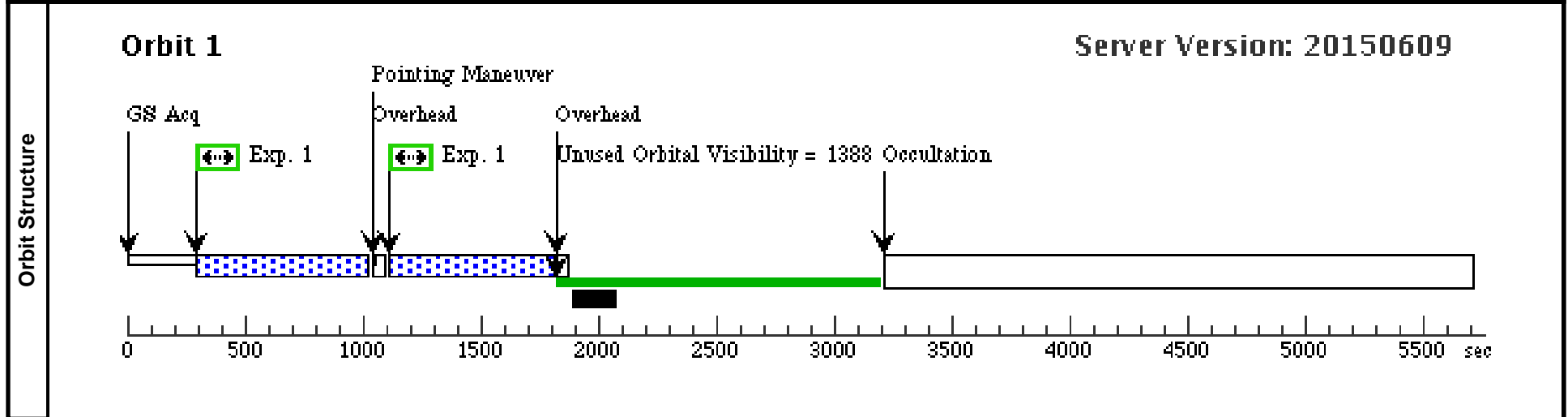
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0A, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(100)	SNF20070902-018	RA: 01 21 9.2880 (20.2887000d) Dec: -04 14 11.40 (-4.23650d) Equinox: J2000	Redshift: 0.06911	V=19.57	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(100) SNF20070902-018	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.09,- 29.09	Pattern 1, Exps 1-1 i n Visit 0A (1)	700 Secs (1400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0B - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

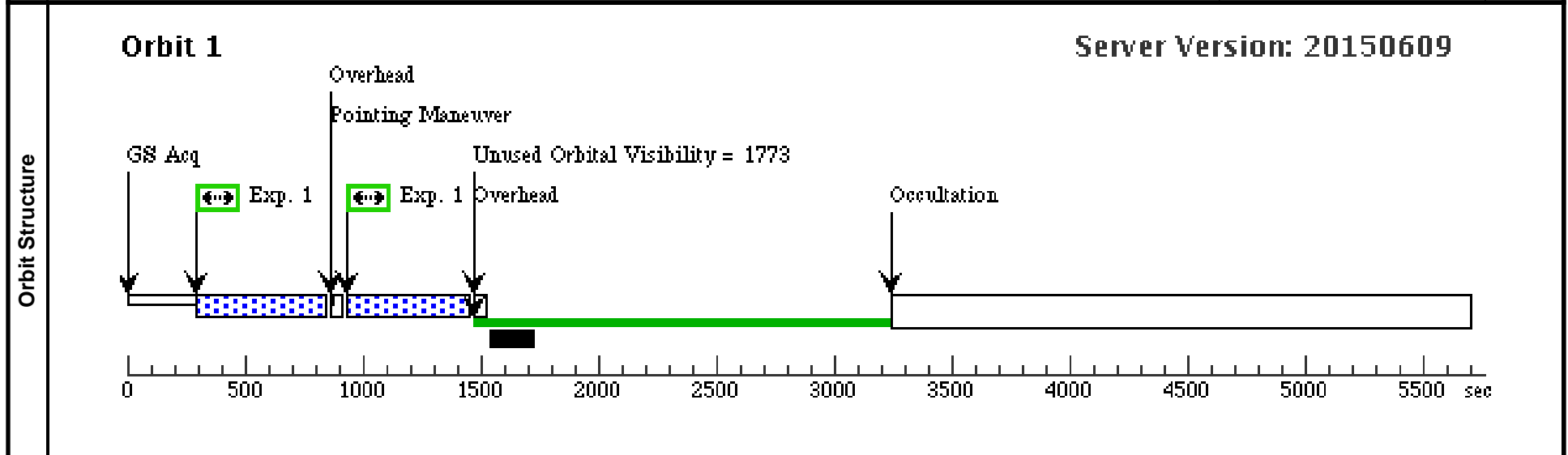
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0B, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(101)	SNF20070902-021	RA: 00 30 0.8880 (7.5037000d) Dec: +33 17 31.56 (33.29210d) Equinox: J2000	Redshift: 0.07511	V=19.98	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(101) SNF20070902-021	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -70.11,-32.11	Pattern 1, Exps 1-1 in Visit 0B (1)	525 Secs (1050 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0C - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

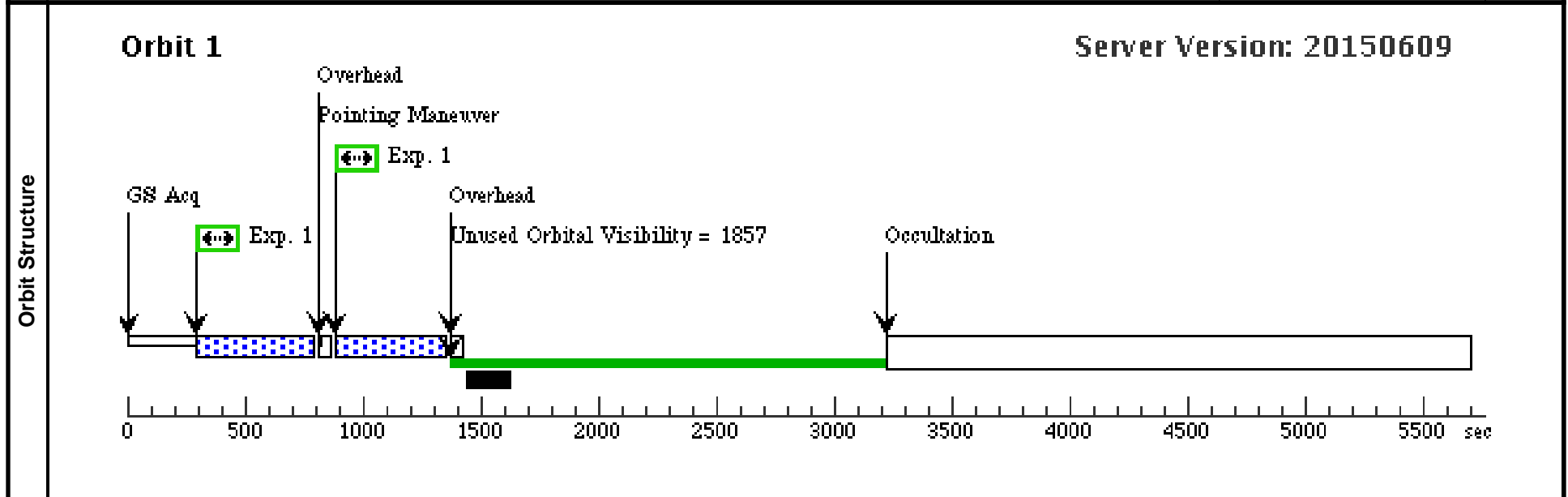
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0C, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(102)	SNF20071001-005	RA: 02 25 50.0640 (36.4586000d) Dec: +25 24 23.04 (25.40640d) Equinox: J2000	Redshift: 0.04979	V=18.02	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(102) SNF20071001-005	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -54.71,-16.71	Pattern 1, Exps 1-1 in Visit 0C (1)	475 Secs (950 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 0D - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

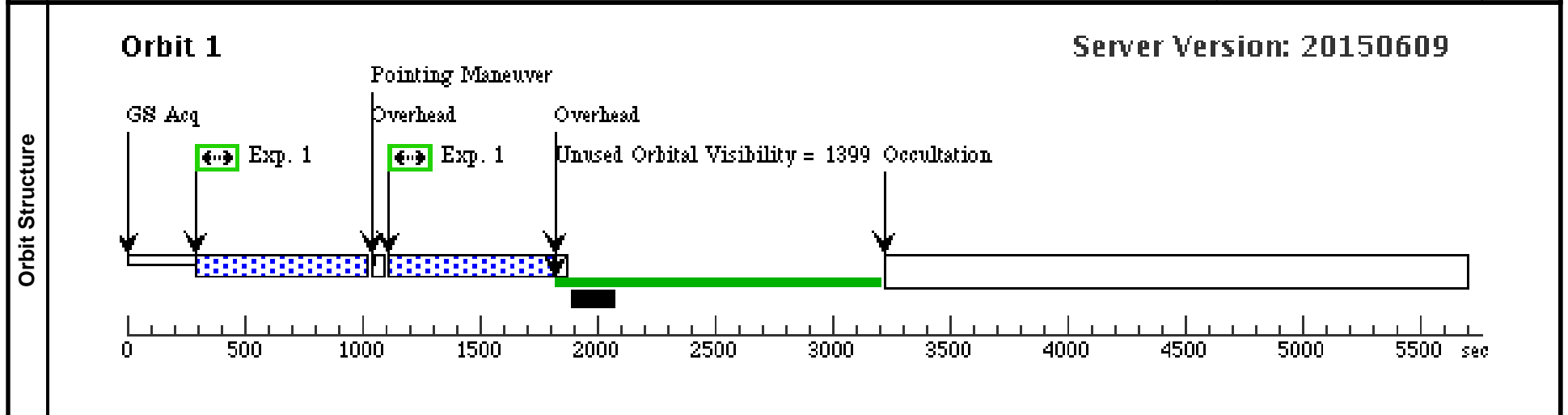
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0D, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(103)	SNF20071003-004	RA: 02 44 48.7440 (41.2031000d) Dec: -16 19 30.00 (-16.32500d) Equinox: J2000	Redshift: 0.07693	V=22.24	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(103) SNF20071003-004	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -68.30,- 31.30	Pattern 1, Exps 1-1 i n Visit 0D (1)	700 Secs (1400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0E - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

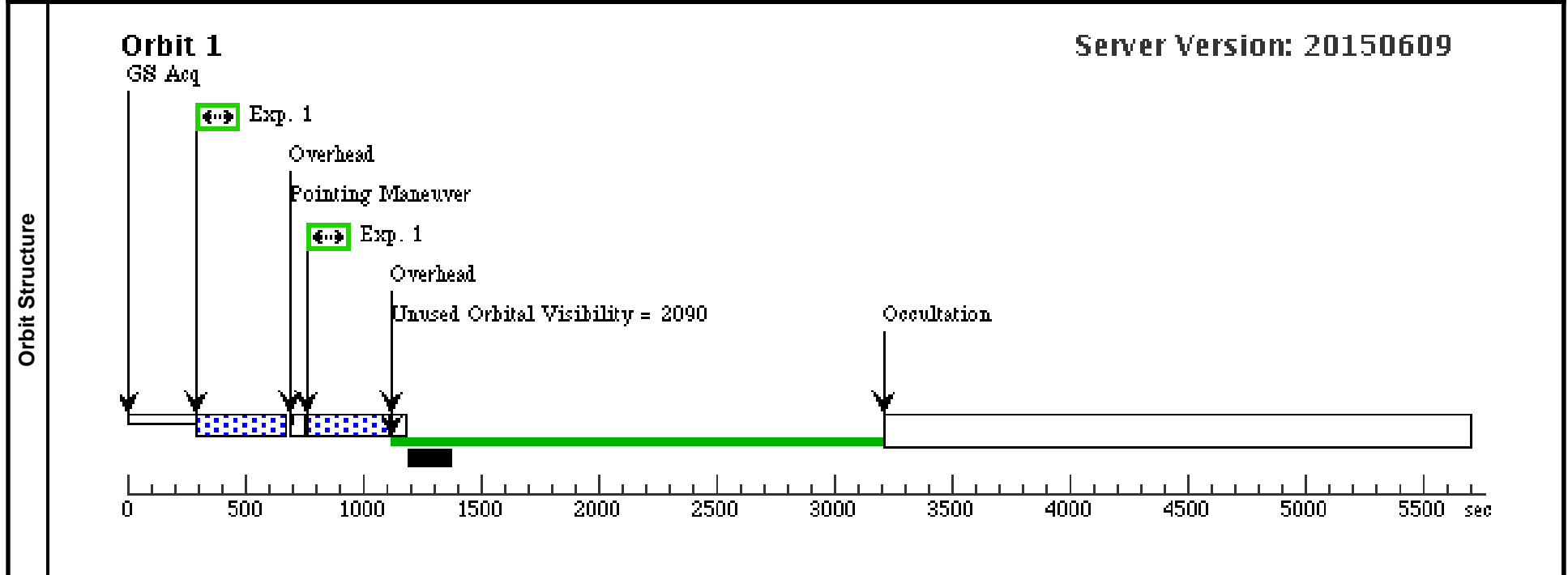
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0E, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(104)	SNF20071015-000	RA: 23 05 34.0800 (346.3920000d) Dec: +09 07 15.24 (9.12090d) Equinox: J2000	Redshift: 0.03865	V=18.32	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(104) SNF20071015-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -53.12,-13.12	Pattern 1, Exps 1-1 in Visit 0E (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0F - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

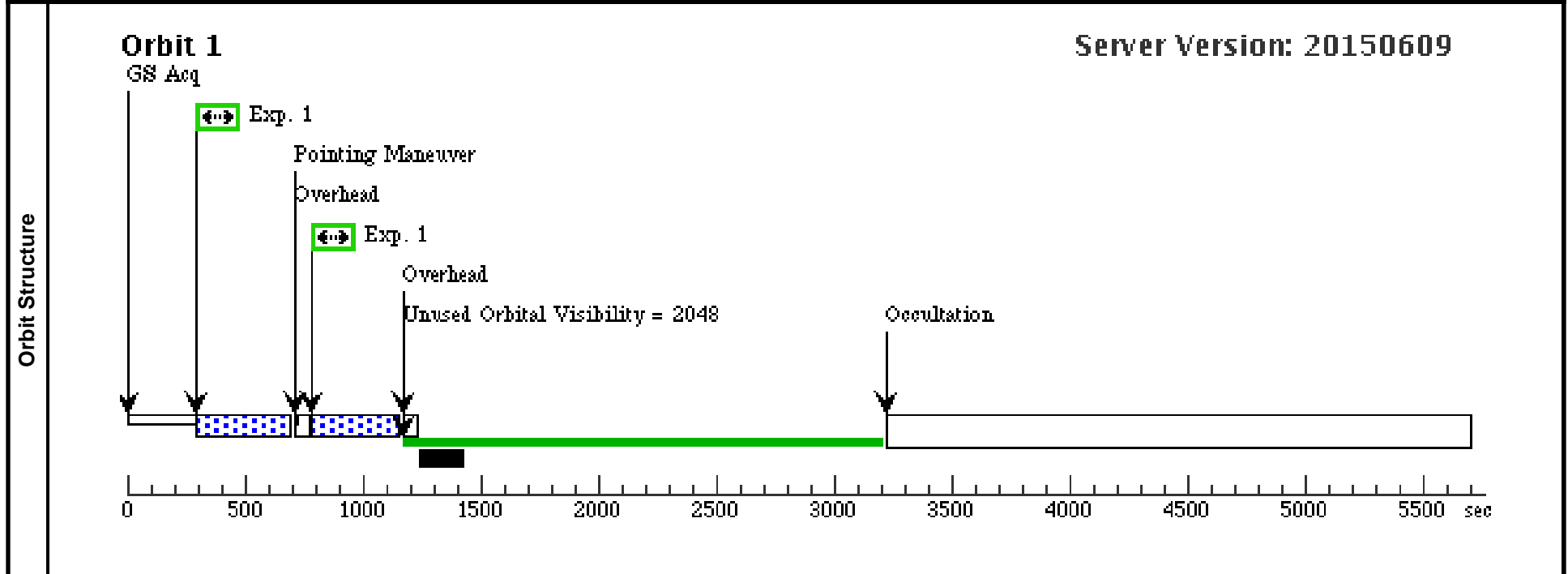
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0F, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(105)	SNF20071021-000	RA: 00 15 0.0960 (3.7504000d) Dec: +16 19 59.52 (16.33320d) Equinox: J2000	Redshift: 0.0276	V=18.28	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(105) SNF20071021-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -59.06,-22.06	Pattern 1, Exps 1-1 in Visit 0F (1)	375 Secs (750 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0G - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

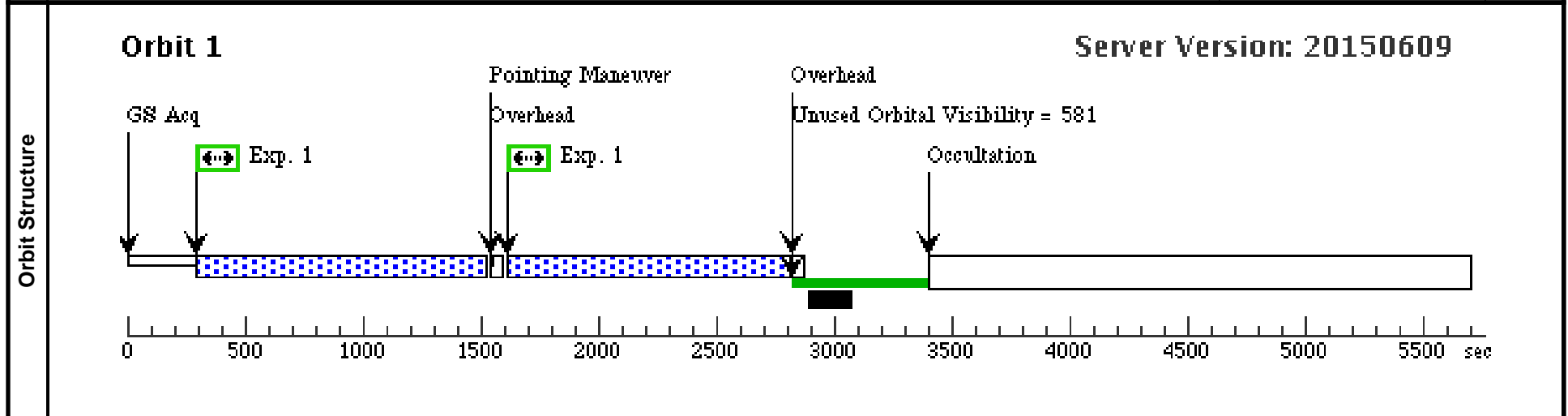
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0G, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(106)	SNF20080323-009	RA: 16 11 20.2800 (242.8345000d) Dec: +52 50 37.32 (52.84370d) Equinox: J2000	Redshift: 0.08334	V=22.16	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(106) SNF20080323-009	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -64.78,-27.78	Pattern 1, Exps 1-1 in Visit 0G (1)	1200 Secs (2400 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0H - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

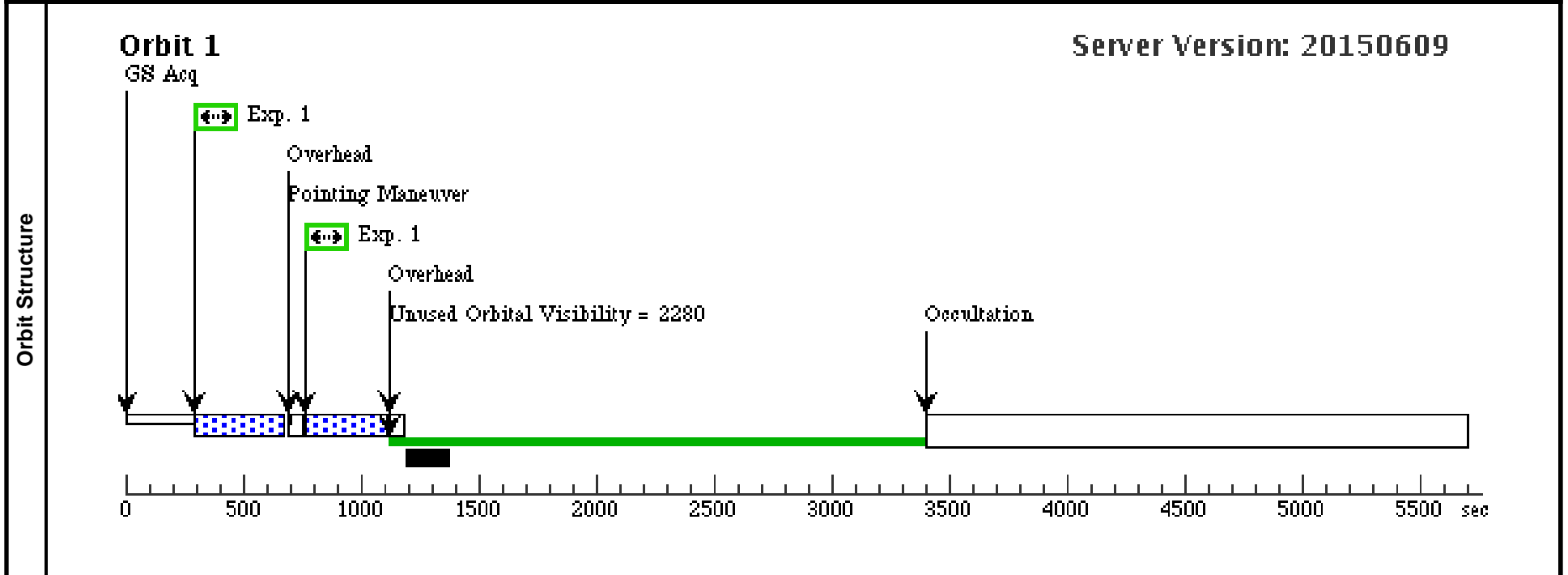
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0H, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(107)	SNF20080507-000	RA: 16 15 7.0800 (243.7795000d) Dec: +50 16 41.52 (50.27820d) Equinox: J2000	Redshift: 0.05395	V=18.12	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(107) SNF20080507-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -62.70,-24.70	Pattern 1, Exps 1-1 in Visit 0H (1)	350 Secs (700 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 14163 - Visit 0I - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

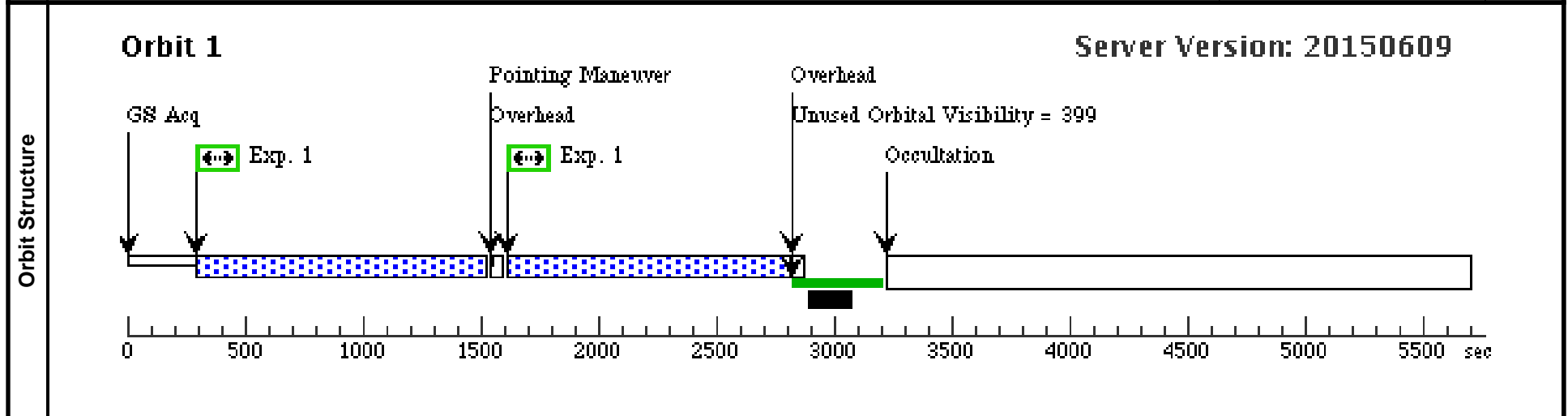
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0I, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(108)	SNF20080510-001	RA: 14 56 13.2720 (224.0553000d) Dec: +18 51 14.40 (18.85400d) Equinox: J2000	Redshift: 0.07182	V=25.66	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(108) SNF20080510-001	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -67.02,- 29.02	Pattern 1, Exps 1-1 i n Visit 0I (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0J - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

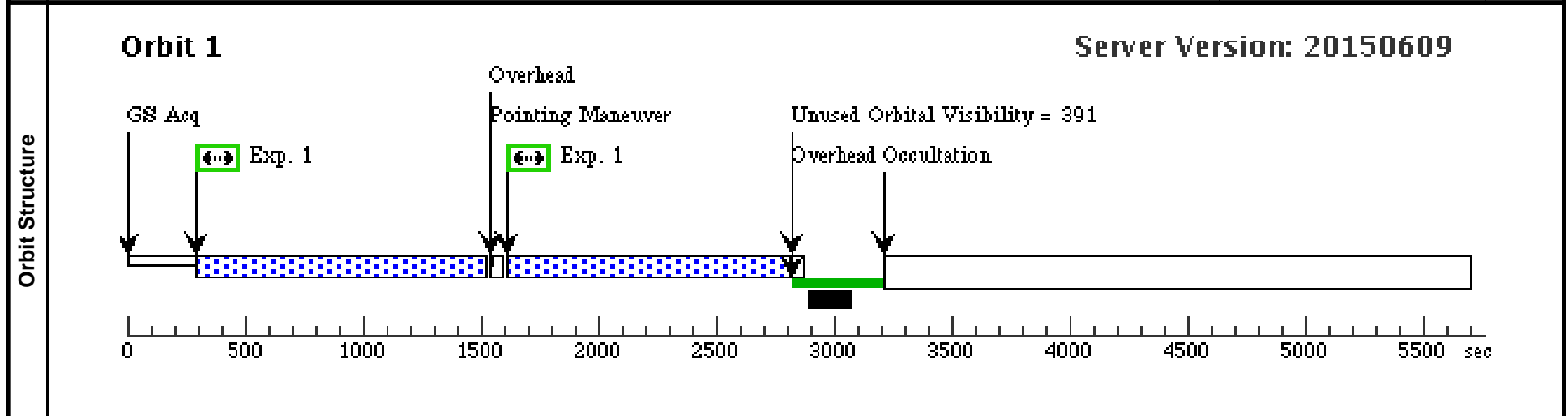
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0J, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(109)	SNF20080510-005	RA: 13 38 24.6000 (204.6025000d) Dec: +09 40 9.12 (9.66920d) Equinox: J2000	Redshift: 0.08741	V=21.11	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(109) SNF20080510-005	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -66.51,-28.51	Pattern 1, Exps 1-1 in Visit 0J (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0K - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

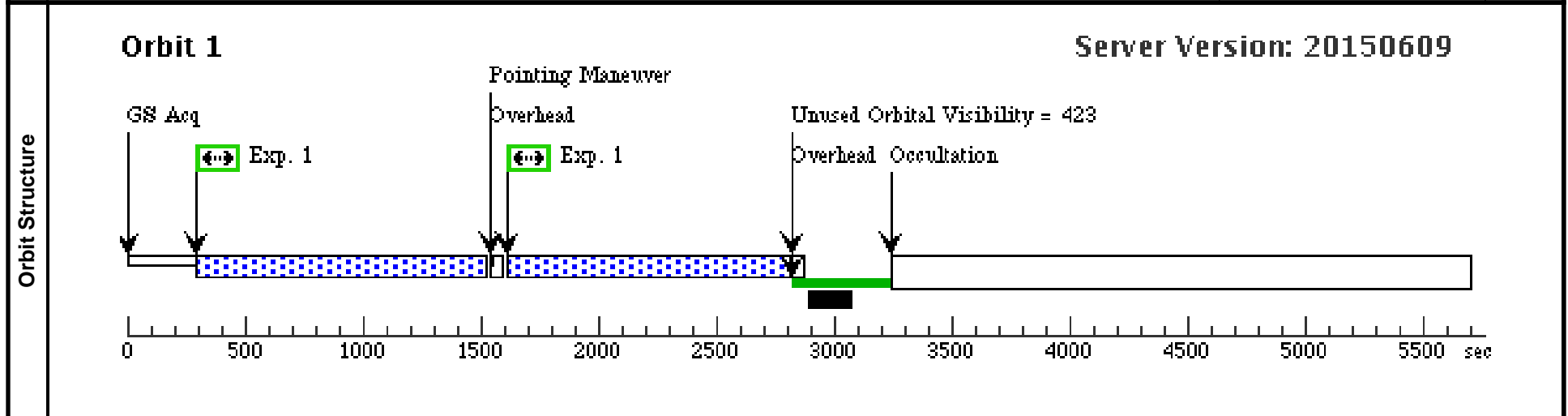
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0K, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(110)	SNF20080512-008	RA: 17 03 35.1840 (255.8966000d) Dec: +31 21 11.16 (31.35310d) Equinox: J2000	Redshift: 0.07742	V=23.13	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(110) SNF20080512-008	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -67.75,-29.75	Pattern 1, Exps 1-1 in Visit 0K (1)	1200 Secs (2400 Secs)	
									[=>(Pattern 1)]	
									[=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0L - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

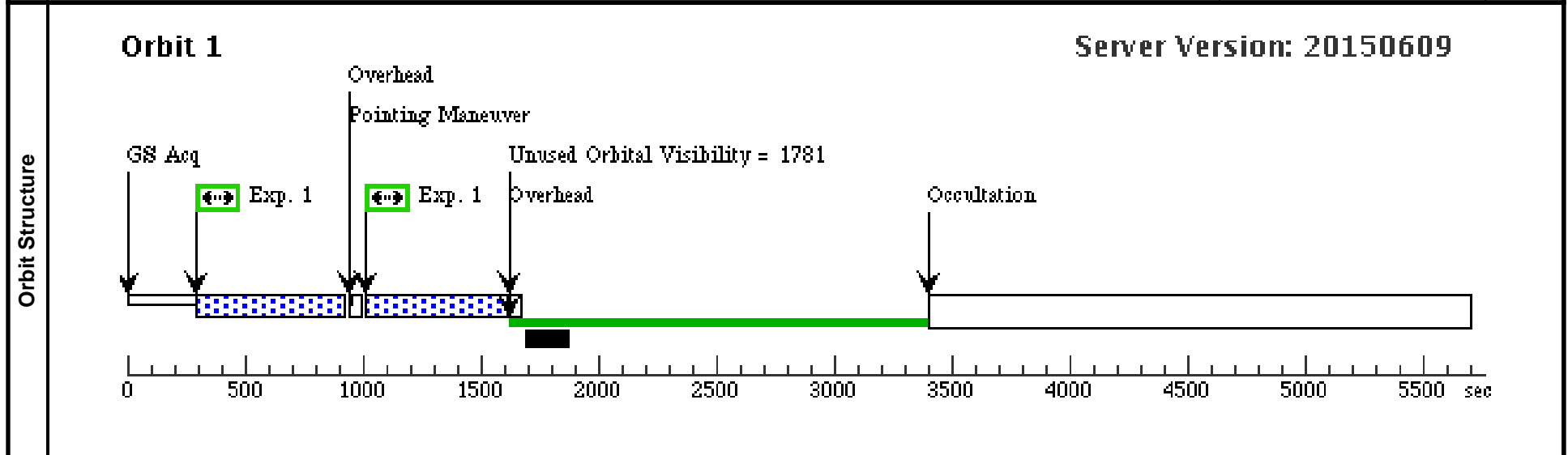
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0L, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(111)	SNF20080512-010	RA: 16 11 4.2000 (242.7675000d) Dec: +52 27 1.44 (52.45040d) Equinox: J2000	Redshift: 0.06316	V=18.99	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(111) SNF20080512-010	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -54.80,-17.80	Pattern 1, Exps 1-1 in Visit 0L (1)	600 Secs (1200 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0M - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

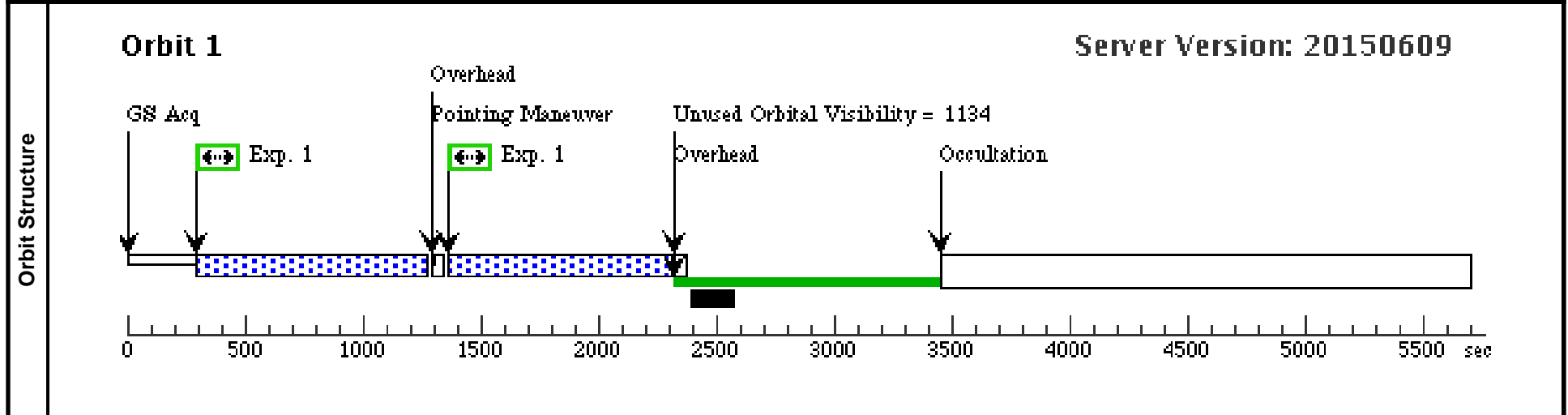
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0M, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(112)	SNF20080516-000	RA: 11 22 29.7600 (170.6240000d) Dec: +56 24 27.00 (56.40750d) Equinox: J2000	Redshift: 0.07267	V=21.38	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(112) SNF20080516-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -67.34,-29.34	Pattern 1, Exps 1-1 in Visit 0M (1)	950 Secs (1900 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0N - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

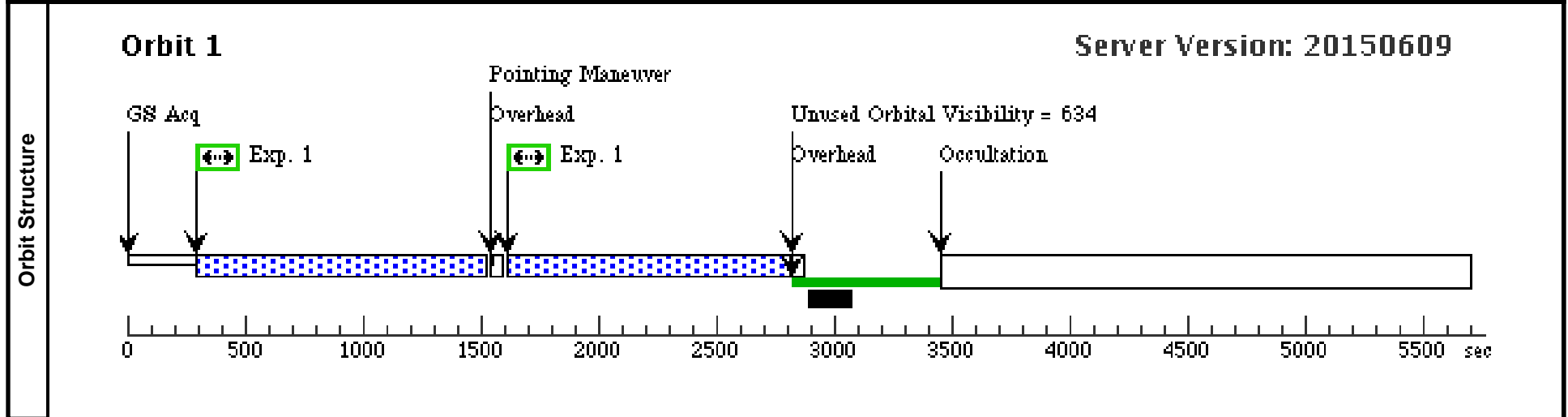
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0N, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(113)	SNF20080516-022	RA: 14 59 27.1440 (224.8631000d) Dec: +58 00 5.76 (58.00160d) Equinox: J2000	Redshift: 0.07436	V=23.61	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(113) SNF20080516-022	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -62.67,-25.67	Pattern 1, Exps 1-1 in Visit 0N (1)	1200 Secs (2400 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 00 - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

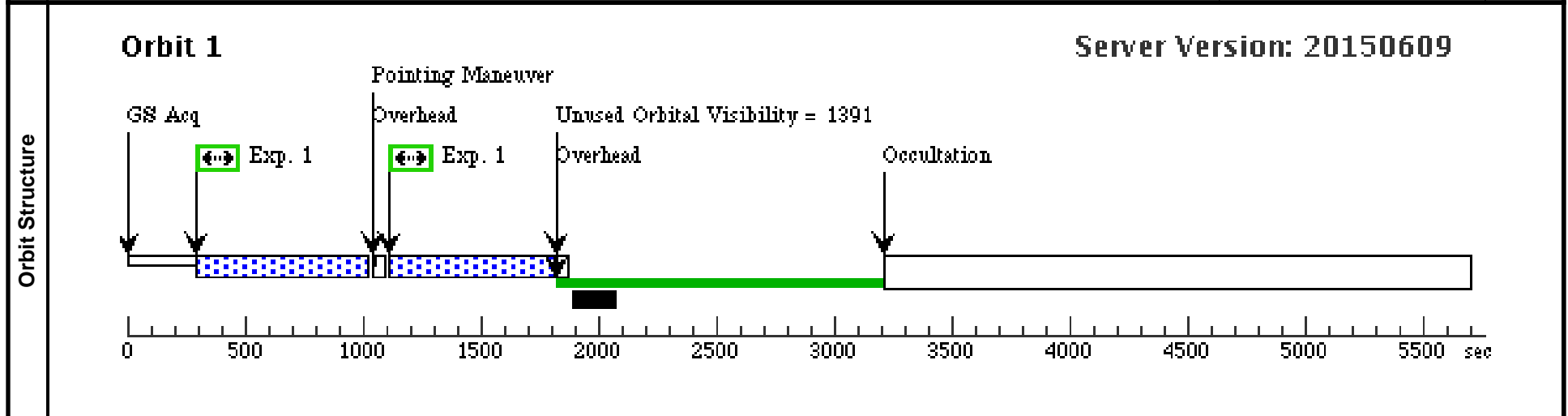
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 00, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(114)	SNF20080522-000	RA: 13 36 47.6160 (204.1984000d) Dec: +05 08 32.64 (5.14240d) Equinox: J2000	Redshift: 0.04533	V=19.15	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(114) SNF20080522-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -59.65,- 21.65	Pattern 1, Exps 1-1 i n Visit 00 (1)	700 Secs (1400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0P - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

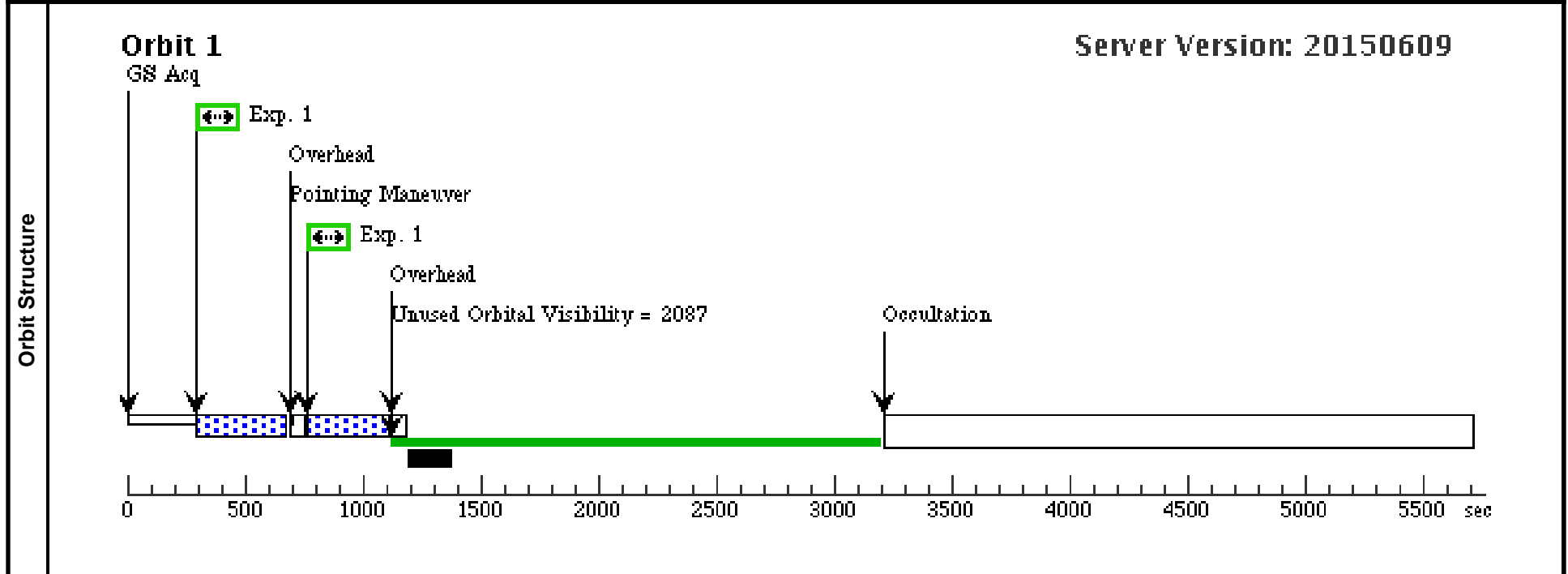
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0P, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(115)	SNF20080522-011	RA: 15 19 58.9440 (229.9956000d) Dec: +04 54 16.56 (4.90460d) Equinox: J2000	Redshift: 0.03777	V=18.8	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(115) SNF20080522-011	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -58.08,-20.08	Pattern 1, Exps 1-1 in Visit 0P (1)	350 Secs (700 Secs)	
									[==>(Pattern 1)]	
									[==>(Pattern 2)]	[1]



Proposal 14163 - Visit 0Q - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

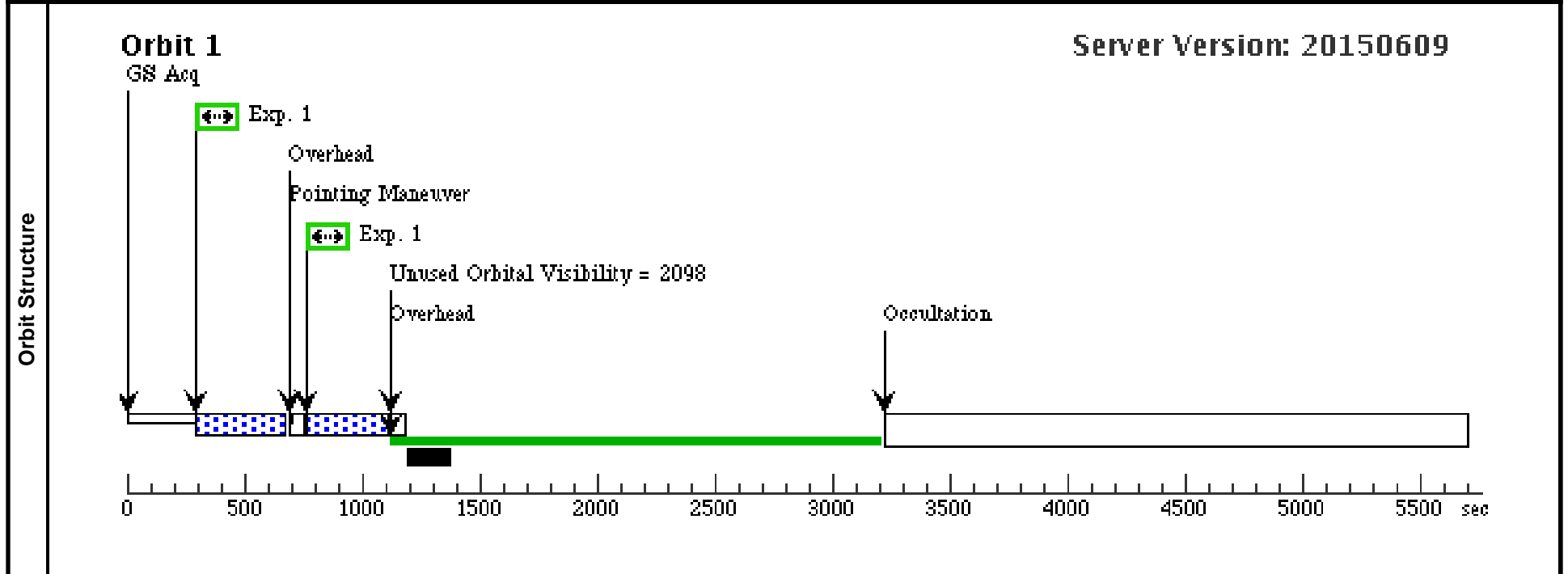
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0Q, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(116)	SNF20080531-000	RA: 16 17 0.1440 (244.2506000d) Dec: +19 07 4.80 (19.11800d) Equinox: J2000	Redshift: 0.03658	V=18.61	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(116) SNF20080531-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -58.87,-21.87	Pattern 1, Exps 1-1 in Visit 0Q (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0R - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

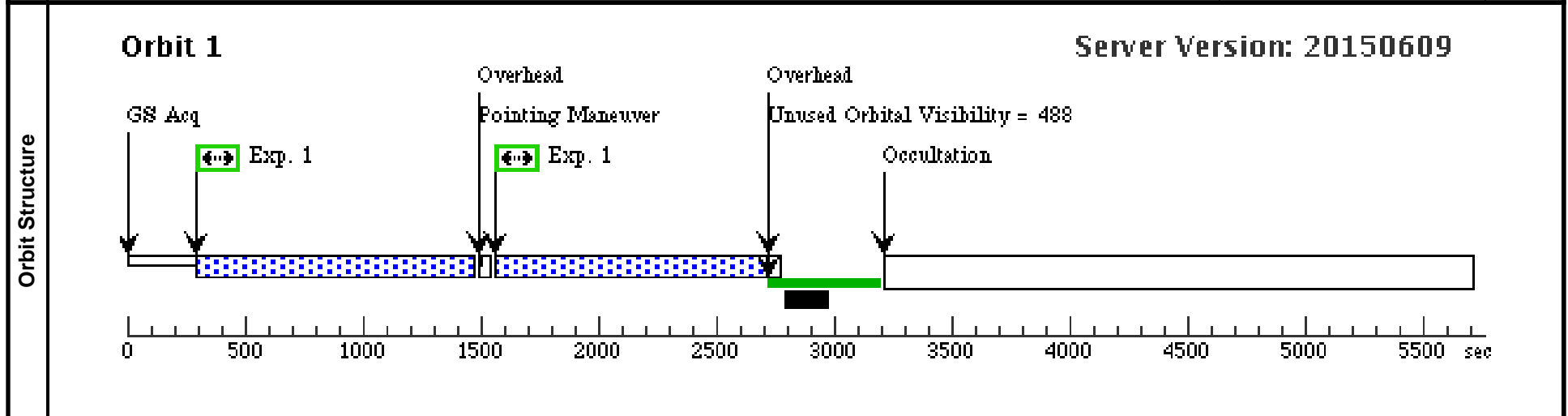
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0R, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(117)	SNF20080610-000	RA: 15 13 49.2720 (228.4553000d) Dec: +01 51 50.76 (1.86410d) Equinox: J2000	Redshift: 0.07819	V=21.57	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(117) SNF20080610-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -61.53,-23.53	Pattern 1, Exps 1-1 in Visit 0R (1)	1150 Secs (2300 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 0S - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

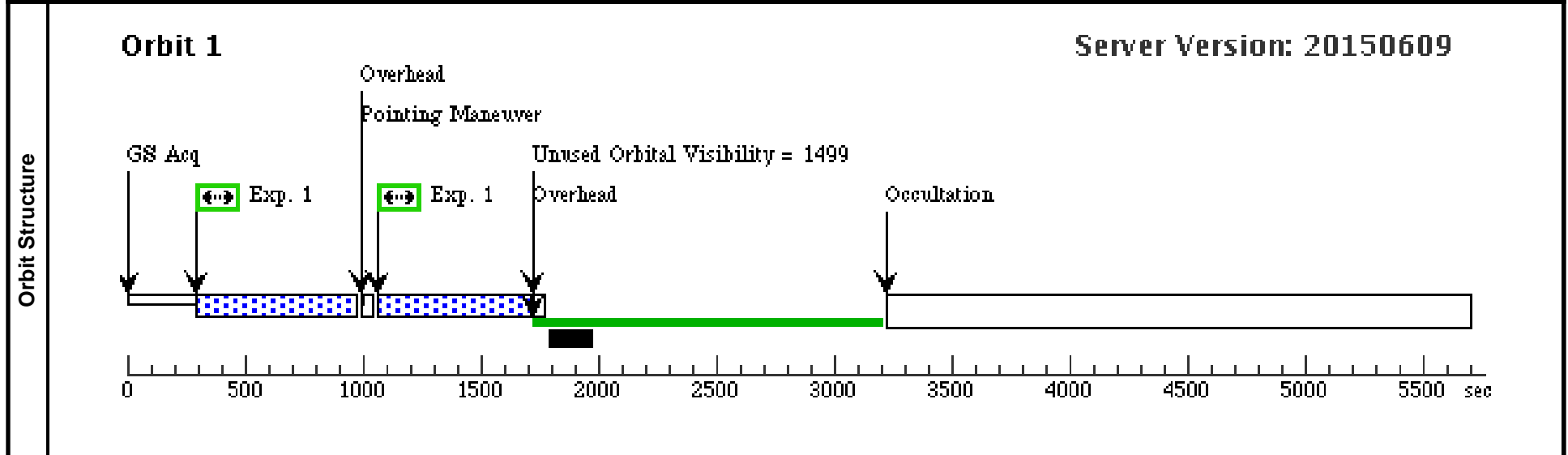
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0S, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(118)	SNF20080612-003	RA: 16 15 28.7280 (243.8697000d) Dec: +19 13 32.88 (19.22580d) Equinox: J2000	Redshift: 0.03258	V=18.05	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(118) SNF20080612-003	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -49.83,-11.83	Pattern 1, Exps 1-1 in Visit 0S (1)	650 Secs (1300 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0T - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0T, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

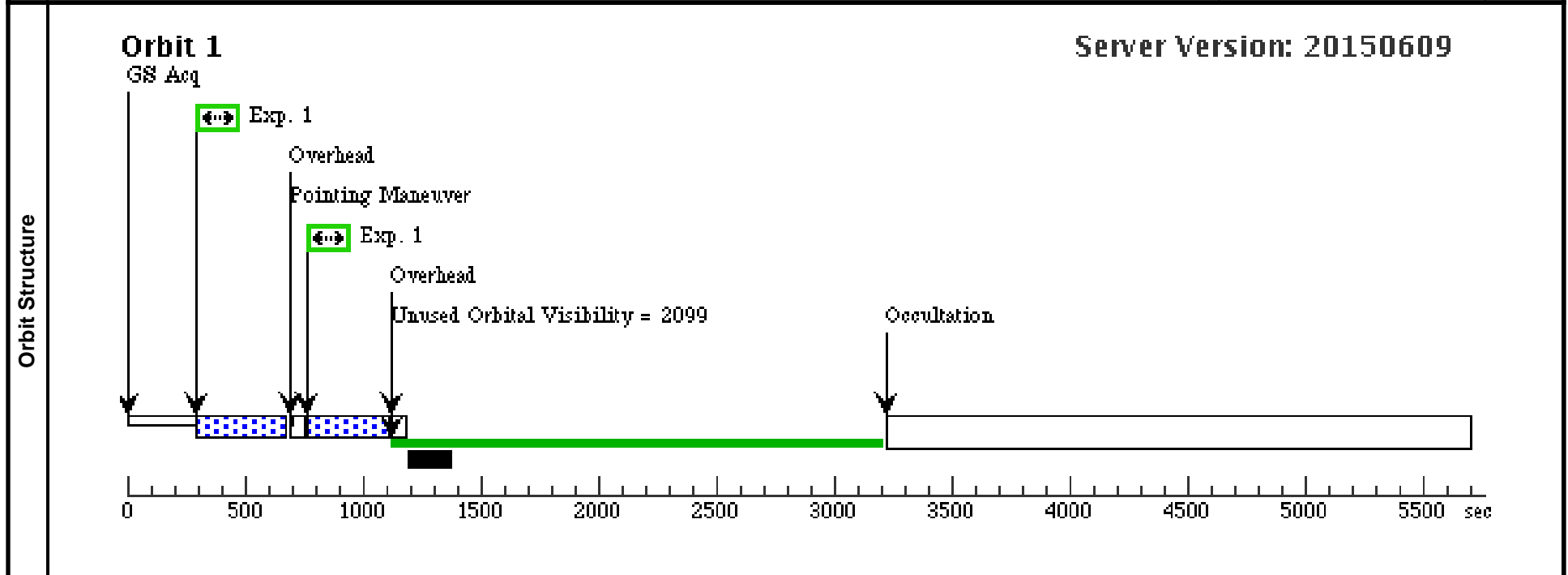
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(119)	SNF20080620-000	RA: 16 10 17.5680 (242.5732000d) Dec: +22 43 31.44 (22.72540d) Equinox: J2000	Redshift: 0.03295	V=18.0	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(119) SNF20080620-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -53.90,-15.90	Pattern 1, Exps 1-1 in Visit 0T (1)	350 Secs (700 Secs)	

[==>(Pattern 1)]  
[==>(Pattern 2)]

[1]



Proposal 14163 - Visit 0U - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

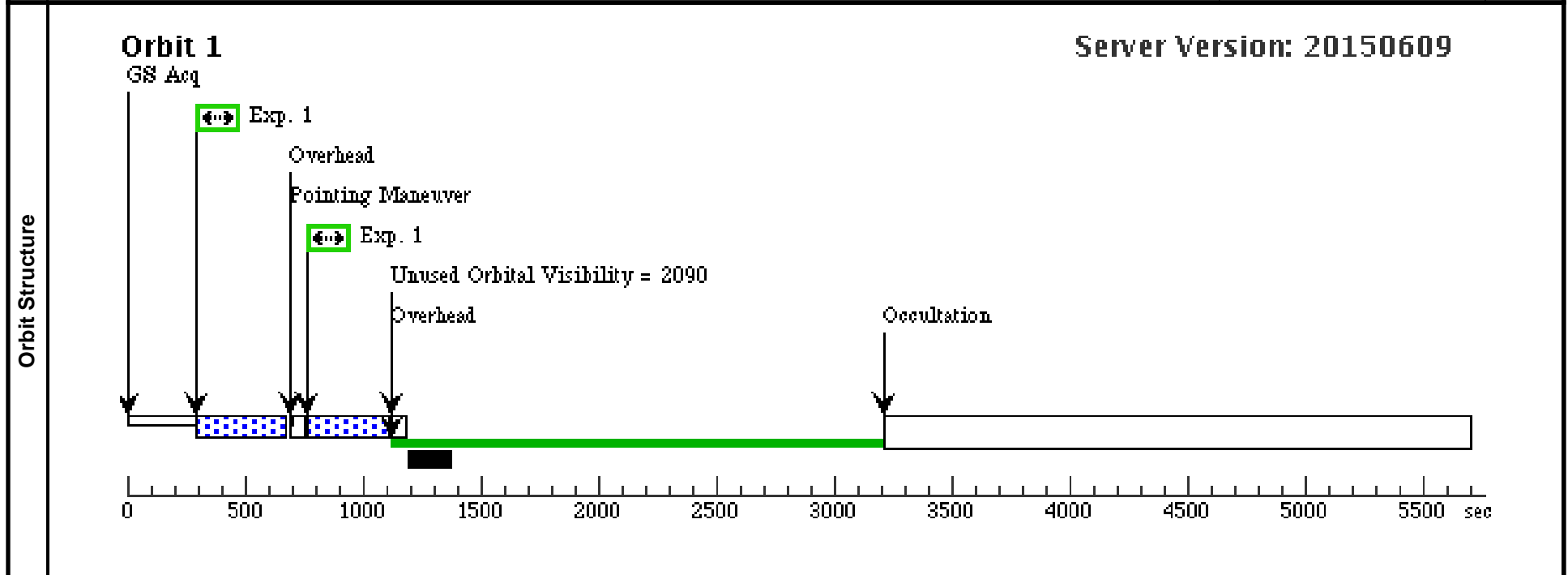
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0U, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(120)	SNF20080626-002	RA: 22 45 2.4720 (341.2603000d) Dec: +08 56 35.88 (8.94330d) Equinox: J2000	Redshift: 0.02472	V=17.77	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(120) SNF20080626-002	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -48.35,-10.35	Pattern 1, Exps 1-1 in Visit 0U (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 0V - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

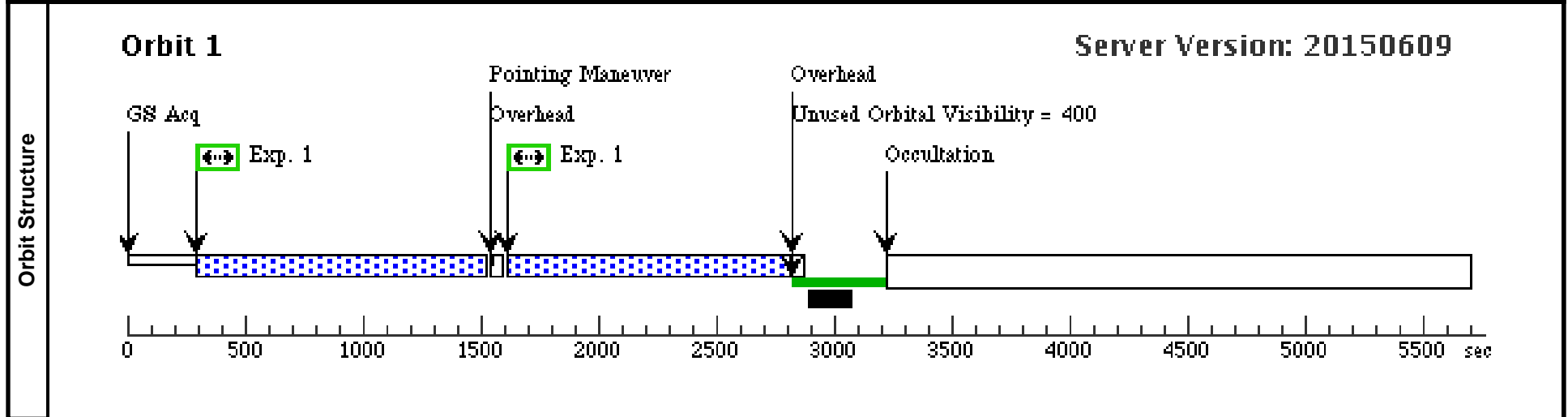
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0V, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(121)	SNF20080714-008	RA: 23 51 37.5360 (357.9064000d) Dec: +20 08 20.76 (20.13910d) Equinox: J2000	Redshift: 0.08472	V=23.24	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(121) SNF20080714-008	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.99,-28.99	Pattern 1, Exps 1-1 in Visit 0V (1)	1200 Secs (2400 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 0W - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:40 GMT 2015

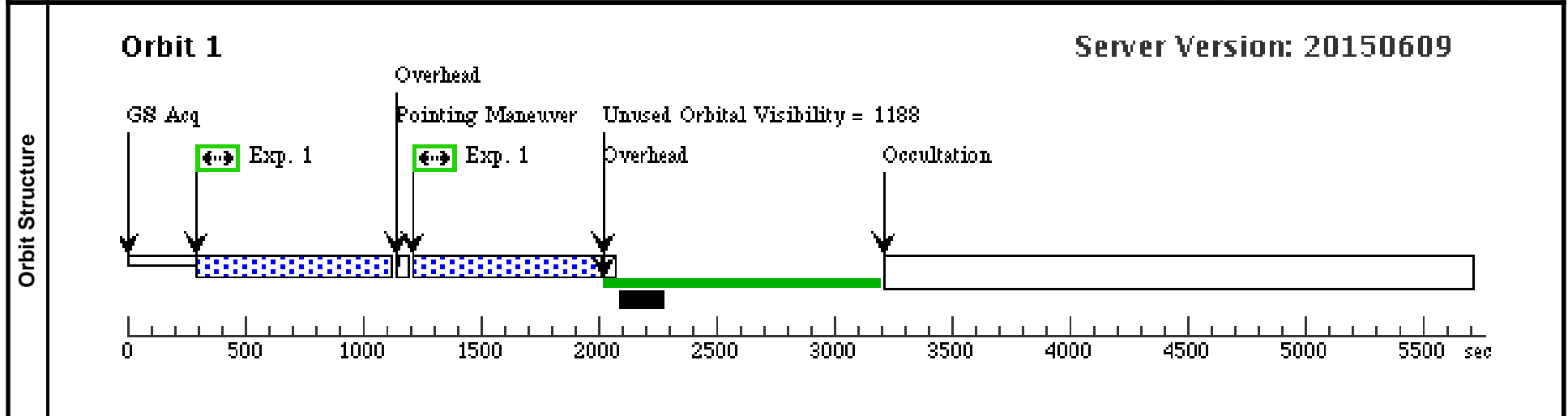
<b>Visit</b>	<b>Proposal 14163, Visit 0W, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(122)	SNF20080723-012	RA: 16 16 3.0720 (244.0128000d) Dec: +03 03 16.92 (3.05470d) Equinox: J2000	Redshift: 0.07454	V=22.01	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(122) SNF20080723-012	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.43,-27.43	Pattern 1, Exps 1-1 in Visit 0W (1)	800 Secs (1600 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 0X - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

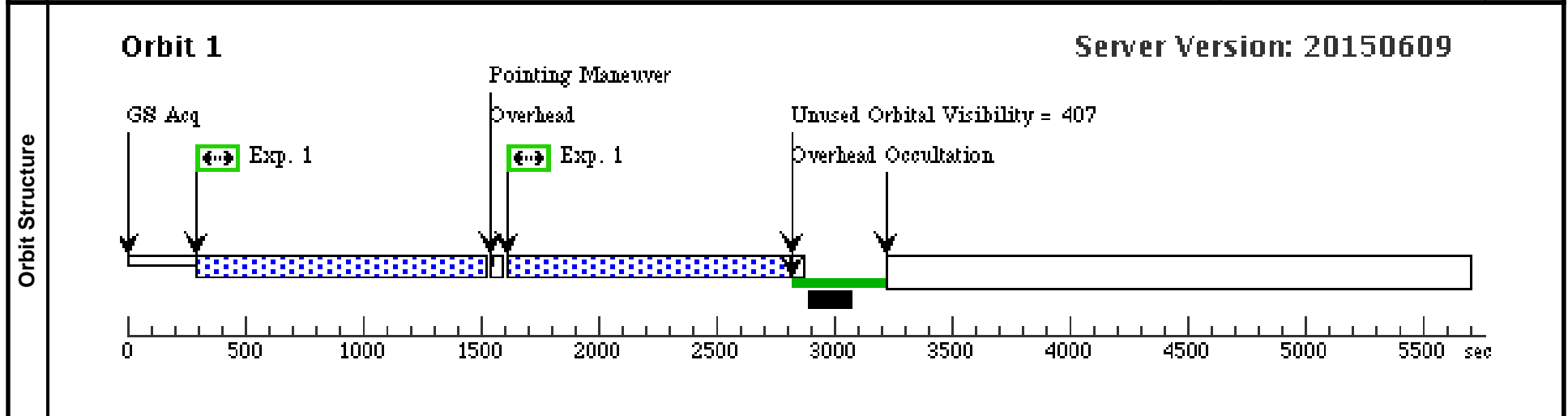
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0X, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(123)	SNF20080802-006	RA: 01 33 37.2000 (23.4050000d) Dec: +28 07 56.64 (28.13240d) Equinox: J2000	Redshift: 0.07211	V=20.73	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(123) SNF20080802-006	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -64.54,-27.54	Pattern 1, Exps 1-1 in Visit 0X (1)	1200 Secs (2400 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 0Y - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

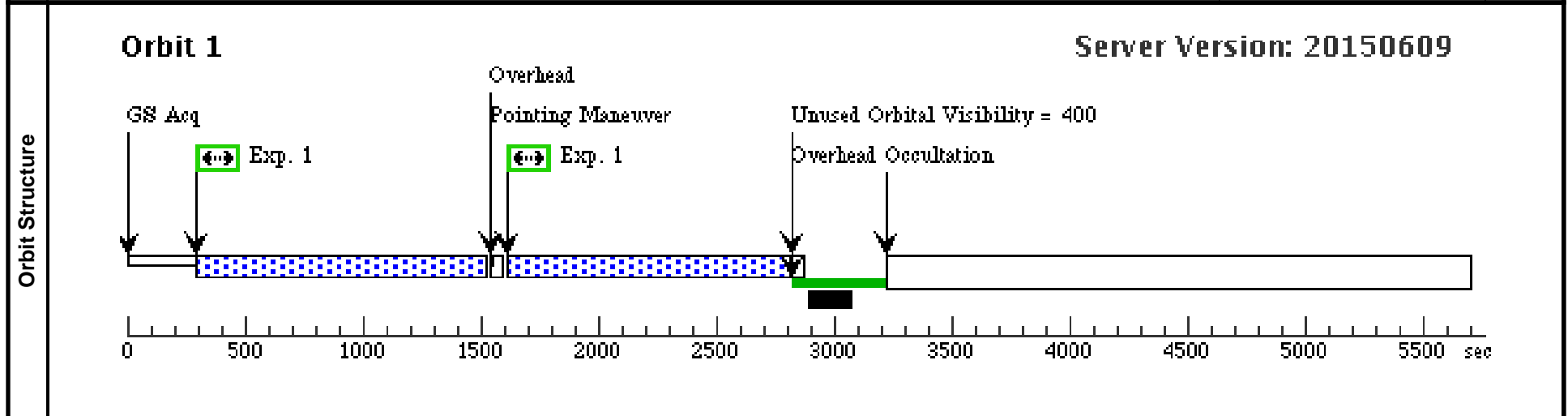
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0Y, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(124)	SNF20080803-000	RA: 17 00 7.0080 (255.0292000d) Dec: +23 07 52.68 (23.13130d) Equinox: J2000	Redshift: 0.05678	V=24.21	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(124) SNF20080803-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -53.47,-16.47	Pattern 1, Exps 1-1 in Visit 0Y (1)	1200 Secs (2400 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 0Z - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

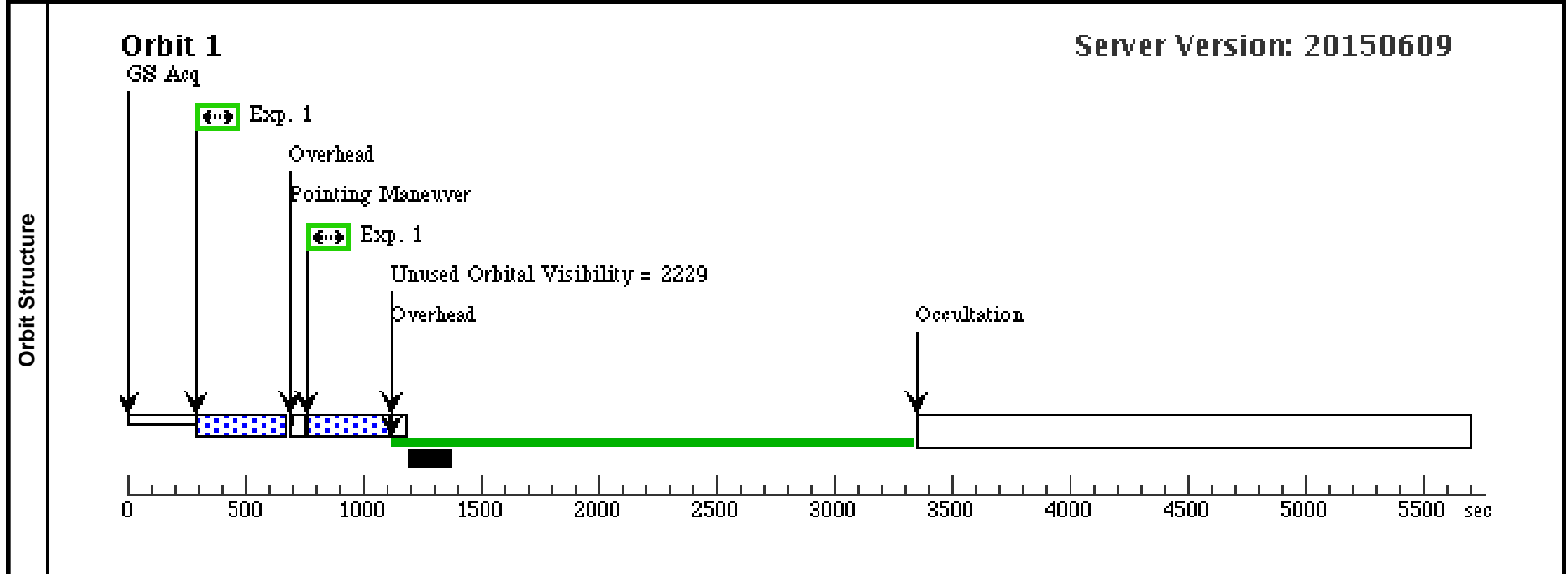
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 0Z, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(125)	SNF20080806-002	RA: 17 18 54.7440 (259.7281000d) Dec: +45 32 35.16 (45.54310d) Equinox: J2000	Redshift: 0.06115	V=18.6	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(125) SNF20080806-002	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -64.67,-27.67	Pattern 1, Exps 1-1 in Visit 0Z (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 1A - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

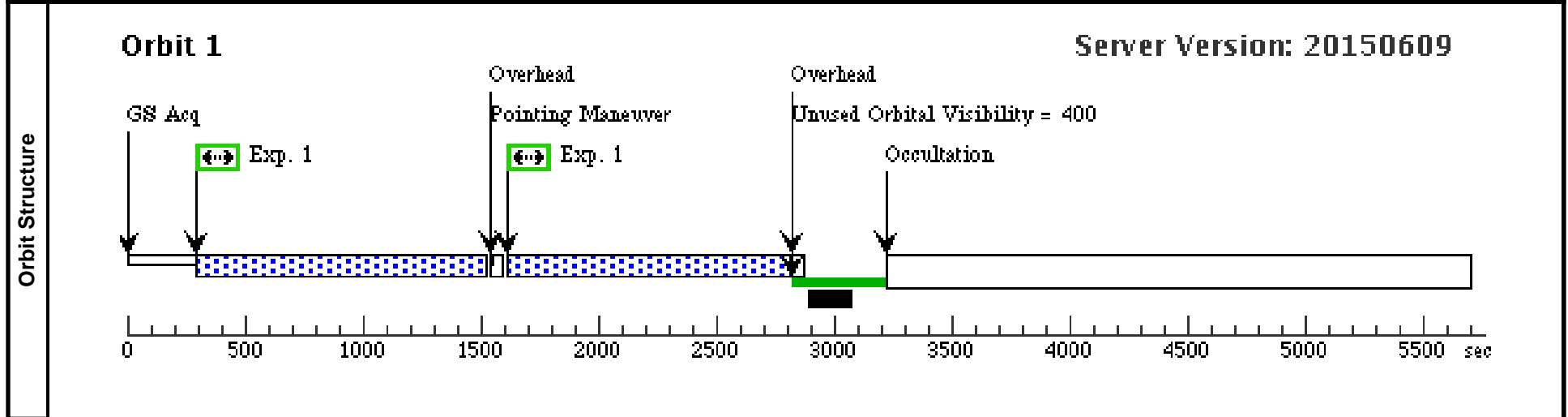
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 1A, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(126)	SNF20080815-017	RA: 22 30 16.8720 (337.5703000d) Dec: +24 59 33.36 (24.99260d) Equinox: J2000	Redshift: 0.06492	V=20.12	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(126) SNF20080815-017	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -59.59,-21.59	Pattern 1, Exps 1-1 in Visit 1A (1)	1200 Secs (2400 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 1B - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

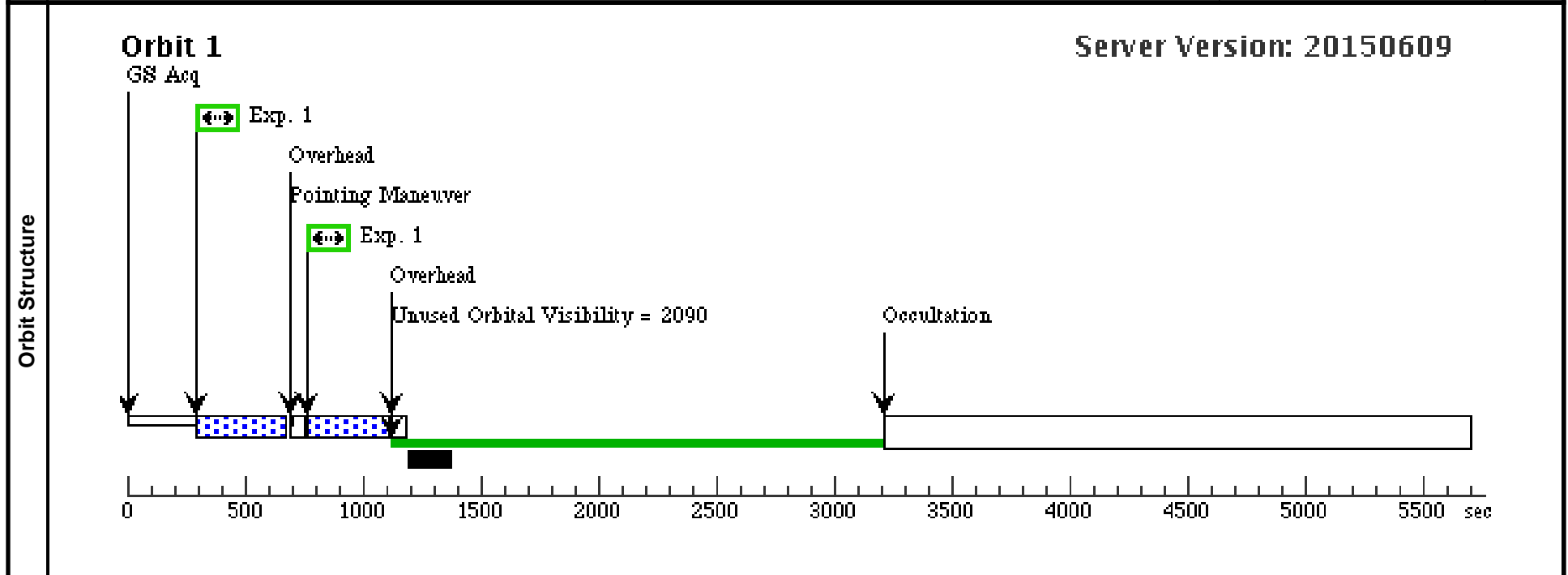
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 1B, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(127)	SNF20080821-000	RA: 20 24 20.1840 (306.0841000d) Dec: +06 10 27.84 (6.17440d) Equinox: J2000	Redshift: 0.07464	V=18.92	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(127) SNF20080821-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -64.32,-26.32	Pattern 1, Exps 1-1 in Visit 1B (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 1C - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

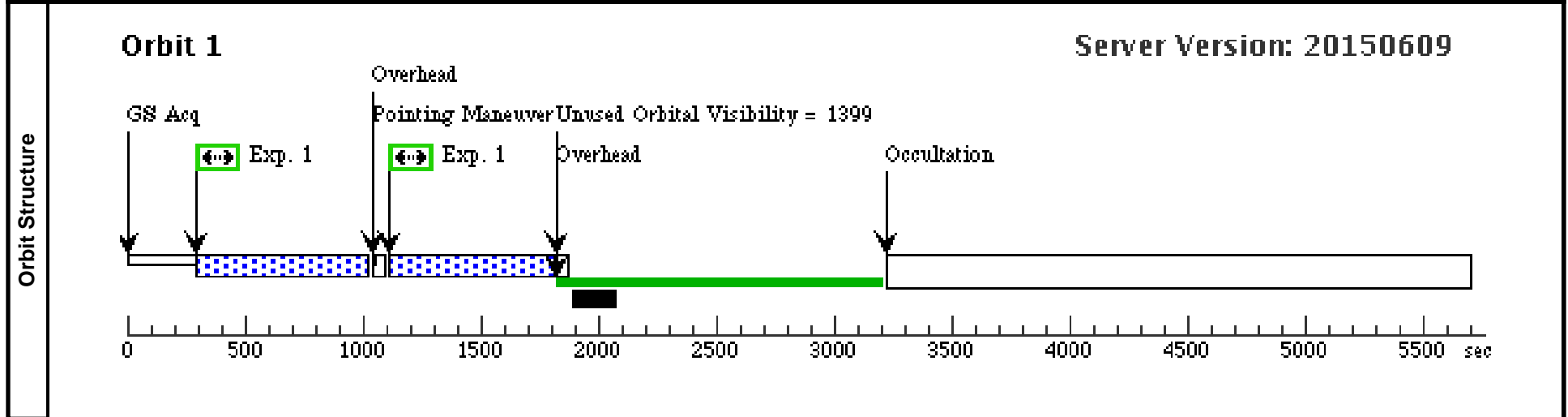
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 1C, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(128)	SNF20080822-005	RA: 23 49 21.9840 (357.3416000d) Dec: +19 12 23.04 (19.20640d) Equinox: J2000	Redshift: 0.07091	V=20.27	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(128) SNF20080822-005	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -61.63,-23.63	Pattern 1, Exps 1-1 in Visit 1C (1)	700 Secs (1400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 1D - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

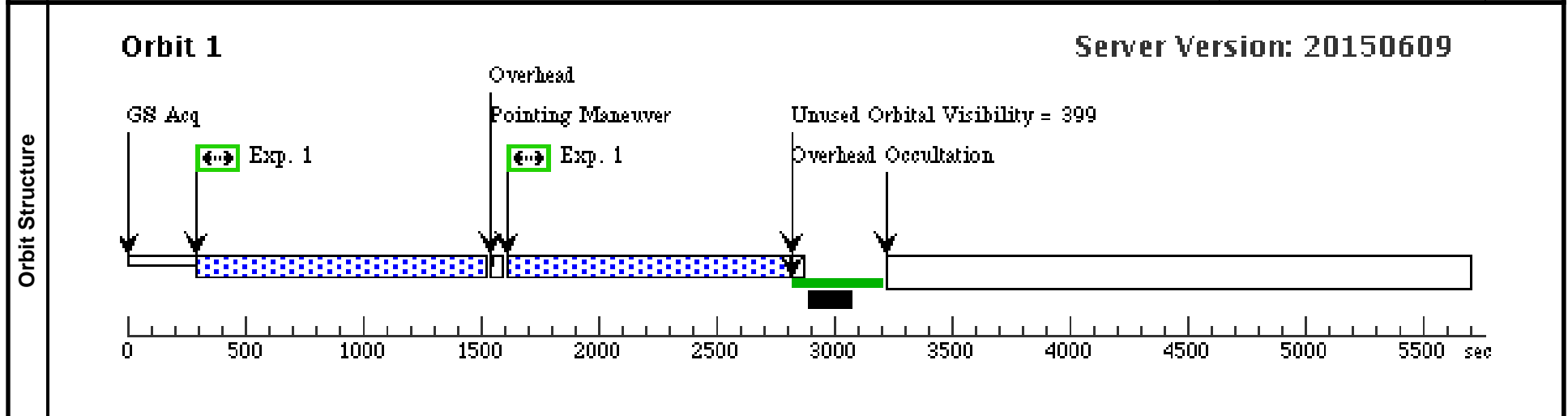
Sun Jul 26 01:21:40 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 1D, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(129)	SNF20080908-000	RA: 22 47 12.6720 (341.8028000d) Dec: -19 34 46.92 (-19.57970d) Equinox: J2000	Redshift: 0.05254	V=20.38	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(129) SNF20080908-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -60.07,- 23.07	Pattern 1, Exps 1-1 i n Visit 1D (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 1E - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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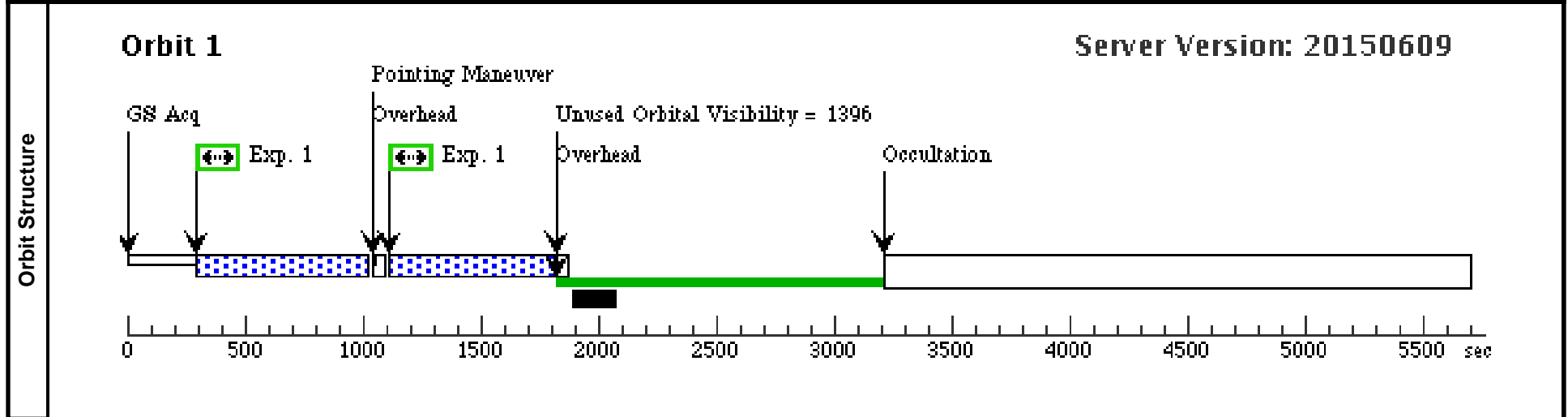
<b>Visit</b>	<b>Proposal 14163, Visit 1E, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(130)	SNF20080909-030	RA: 22 01 49.4400 (330.4560000d) Dec: +13 03 18.72 (13.05520d) Equinox: J2000	Redshift: 0.03134	V=20.35	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(130) SNF20080909-030	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -49.17,-11.17	Pattern 1, Exps 1-1 in Visit 1E (1)	700 Secs (1400 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)]	[1]	



Proposal 14163 - Visit 1F - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

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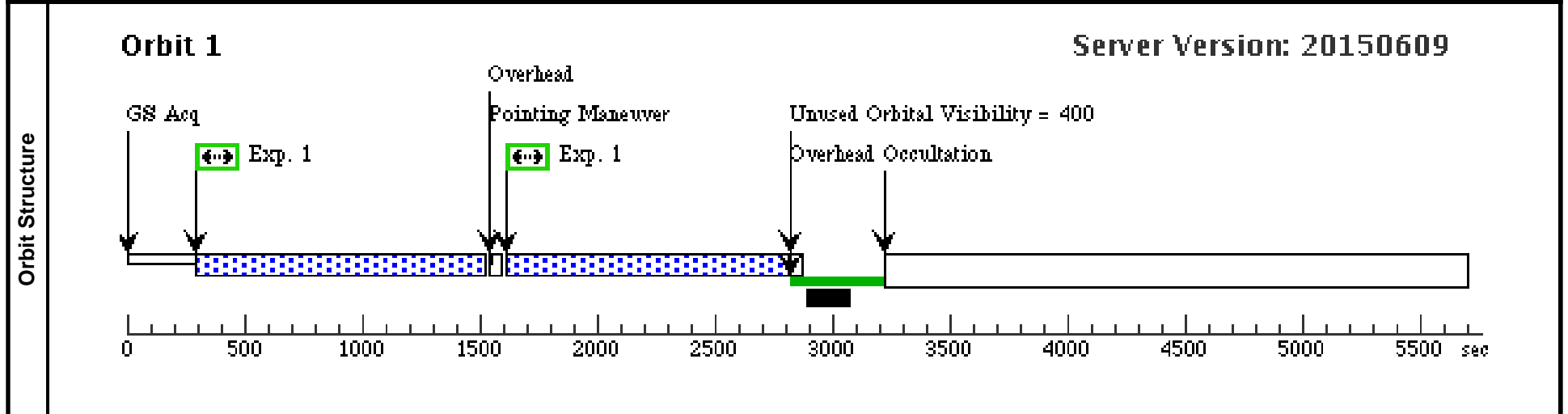
<b>Visit</b>	<b>Proposal 14163, Visit 1F, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(131)	SNF20080913-031	RA: 02 11 32.3040 (32.8846000d) Dec: +23 53 6.72 (23.88520d) Equinox: J2000	Redshift: 0.05519	V=22.91	Reference Frame: ICRS

*Comments: Extended=YES*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(131) SNF20080913-031	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -41.00,-1	Pattern 1, Exps 1-1 in Visit 1F (1)	1200 Secs (2400 Secs)	
								[=>(Pattern 1)] [=>(Pattern 2)]	[1]	



Proposal 14163 - Visit 1G - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

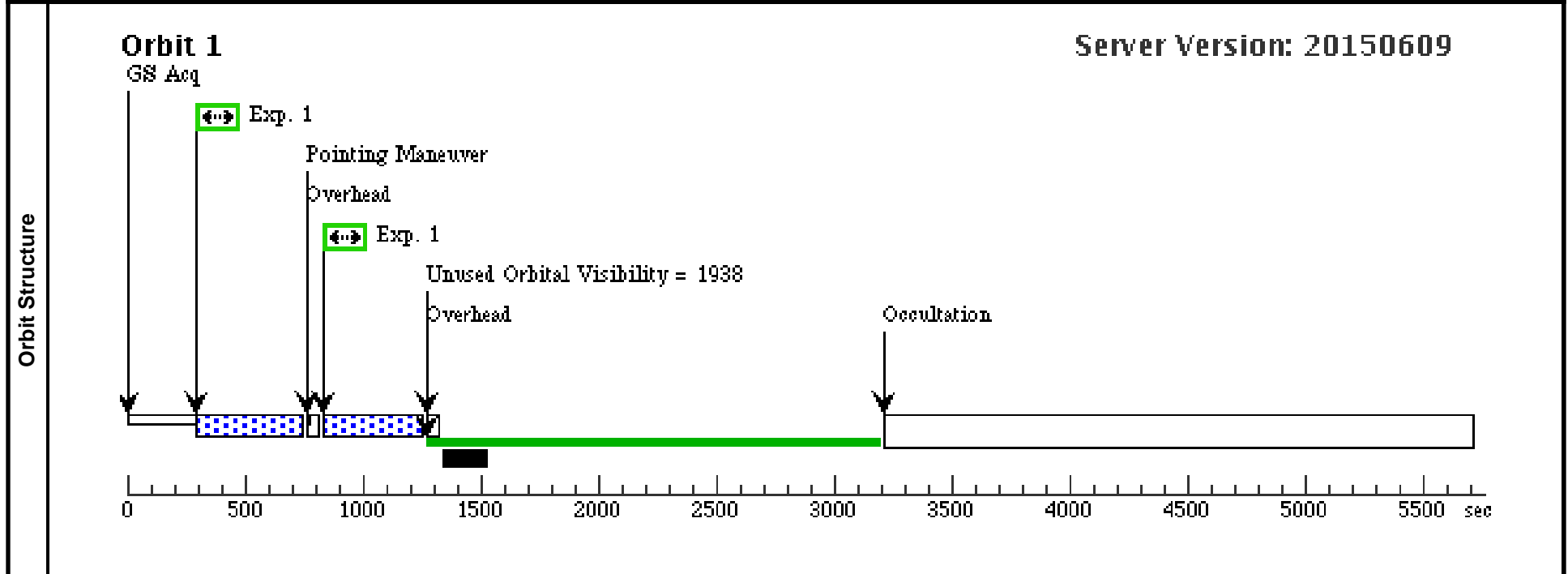
Sun Jul 26 01:21:41 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 1G, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(132)	SNF20080914-001	RA: 04 57 27.0000 (74.3625000d) Dec: -00 04 16.68 (-.07130d) Equinox: J2000	Redshift: 0.02363	V=17.69	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(132) SNF20080914-001	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -53,-13	Pattern 1, Exps 1-1 in Visit 1G (1)	425 Secs (850 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 14163 - Visit 1H - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

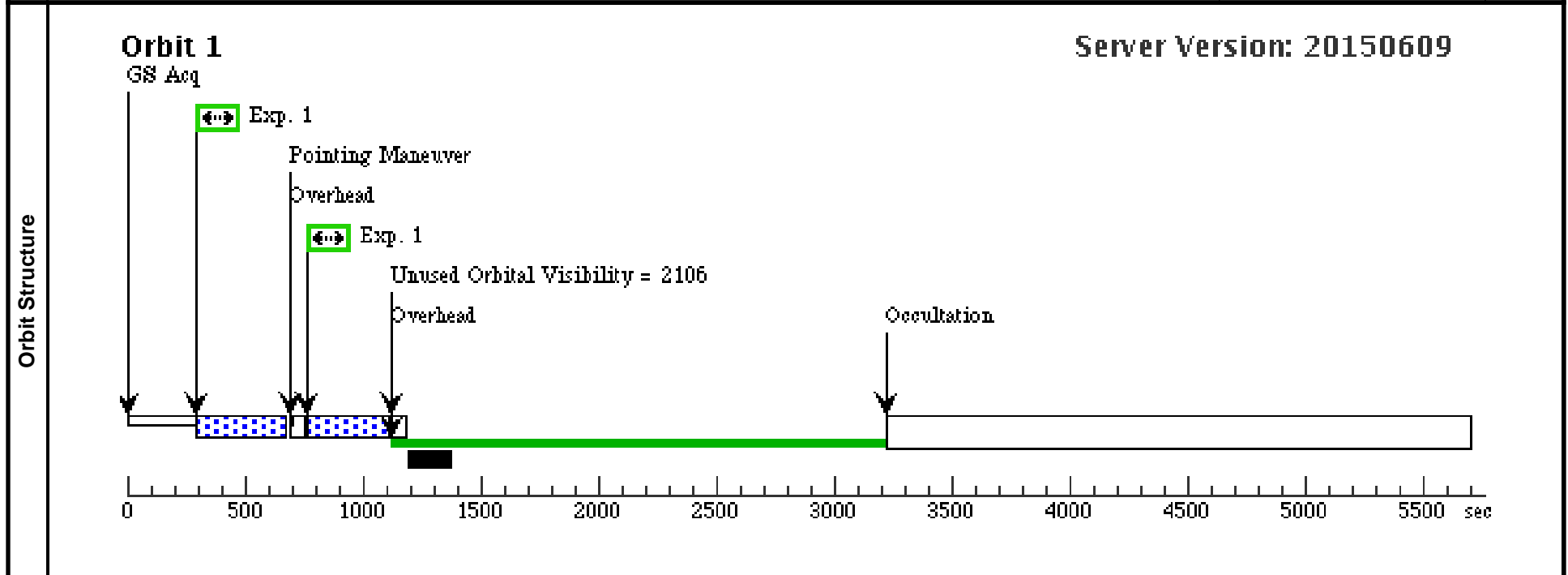
Sun Jul 26 01:21:41 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 1H, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(133)	SNF20080918-000	RA: 23 33 19.3440 (353.3306000d) Dec: +25 12 44.28 (25.21230d) Equinox: J2000	Redshift: 0.06655	V=18.45	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(133) SNF20080918-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -60.82,-25.82	Pattern 1, Exps 1-1 in Visit 1H (1)	350 Secs (700 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 1I - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

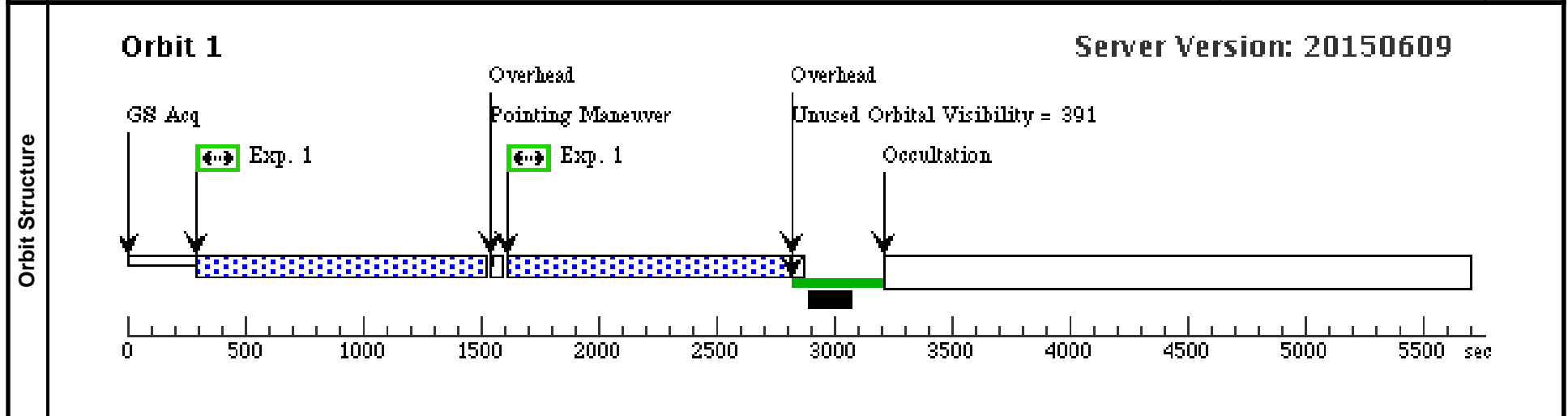
Sun Jul 26 01:21:41 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 1I, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(134)	SNF20080918-004	RA: 00 59 58.8720 (14.9953000d) Dec: -09 00 34.20 (-9.00950d) Equinox: J2000	Redshift: 0.051	V=25.0	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(134) SNF20080918-004	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -62.45,- 24.45	Pattern 1, Exps 1-1 i n Visit II (1)	1200 Secs (2400 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 14163 - Visit 1J - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

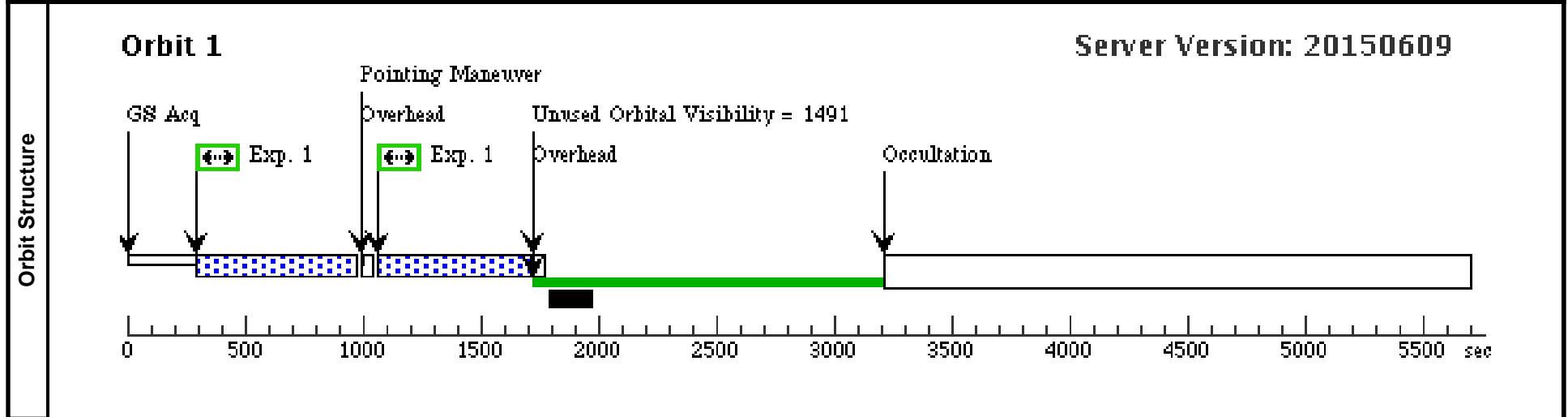
Sun Jul 26 01:21:41 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 1J, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(135)	SNF20080919-002	RA: 02 25 21.0000 (36.3375000d) Dec: -08 39 3.24 (-8.65090d) Equinox: J2000	Redshift: 0.05564	V=20.23	Reference Frame: ICRS
<i>Comments: Extended=YES</i>						

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(135) SNF20080919-002	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=10; BIN=2	POS TARG -65.10,-29.10	Pattern 1, Exps 1-1 in Visit 1J (1)	650 Secs (1300 Secs)	[=>(Pattern 1)] [=>(Pattern 2)]



Proposal 14163 - Visit 1K - Honing Type Ia Supernovae as Distance Indicators, Exploiting Environmental Bias for H0 and w.

Sun Jul 26 01:21:41 GMT 2015

<b>Visit</b>	<b>Proposal 14163, Visit 1K, implementation</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(136)	SNF20080920-000	RA: 02 20 34.1280 (35.1422000d) Dec: +04 27 17.28 (4.45480d) Equinox: J2000	Redshift: 0.04042	V=16.84	Reference Frame: ICRS
	<i>Comments: Extended=YES</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(136) SNF20080920-000	WFC3/UVIS, ACCUM, UVIS2	F225W	FLASH=11; BIN=2	POS TARG -56.82,-18.82	Pattern 1, Exps 1-1 in Visit 1K (1)	350 Secs (700 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)]	[1]

