



14366 - WFC3 UVIS Anneal

Cycle: 23, Proposal Category: CAL/WFC3

(Calibration)

(Availability Mode: RESTRICTED)

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>
11	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:51:47.0	yes
12	NONE	WFC3	1	13-Oct-2015 21:51:48.0	yes
13	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:51:49.0	yes
14	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:51:51.0	yes
21	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:51:53.0	yes
22	NONE	WFC3	1	13-Oct-2015 21:51:53.0	yes
23	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:51:54.0	yes
24	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:51:55.0	yes

Proposal 14366 (STScI Edit Number: 2, Created: Tuesday, October 13, 2015 8:52:52 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>
31	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:51:57.0	yes
32	NONE	WFC3	1	13-Oct-2015 21:51:58.0	yes
33	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:51:58.0	yes
34	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:00.0	yes
41	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:02.0	yes
42	NONE	WFC3	1	13-Oct-2015 21:52:02.0	yes
43	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:03.0	yes
44	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:06.0	yes
51	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:08.0	yes
52	NONE	WFC3	1	13-Oct-2015 21:52:09.0	yes
53	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:09.0	yes
54	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:10.0	yes
61	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:12.0	yes
62	NONE	WFC3	1	13-Oct-2015 21:52:13.0	yes
63	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:13.0	yes
64	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:14.0	yes
71	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:16.0	yes
72	NONE	WFC3	1	13-Oct-2015 21:52:17.0	yes
73	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:17.0	yes

Proposal 14366 (STScI Edit Number: 2, Created: Tuesday, October 13, 2015 8:52:52 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>
74	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:18.0	yes
81	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:20.0	yes
82	NONE	WFC3	1	13-Oct-2015 21:52:20.0	yes
83	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:21.0	yes
84	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:22.0	yes
91	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:24.0	yes
92	NONE	WFC3	1	13-Oct-2015 21:52:24.0	yes
93	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:25.0	yes
94	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:26.0	yes
A1	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:27.0	yes
A2	NONE	WFC3	1	13-Oct-2015 21:52:28.0	yes
A3	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:29.0	yes
A4	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:30.0	yes
B1	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:31.0	yes
B2	NONE	WFC3	1	13-Oct-2015 21:52:32.0	yes
B3	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:32.0	yes
B4	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:34.0	yes
C1	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:35.0	yes
C2	NONE	WFC3	1	13-Oct-2015 21:52:36.0	yes

Proposal 14366 (STScI Edit Number: 2, Created: Tuesday, October 13, 2015 8:52:52 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>
C3	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:36.0	yes
C4	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:37.0	yes
D1	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:40.0	yes
D2	NONE	WFC3	1	13-Oct-2015 21:52:40.0	yes
D3	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:41.0	yes
D4	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:42.0	yes
H1	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:44.0	yes
H2	NONE	WFC3	1	13-Oct-2015 21:52:44.0	yes
H3	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:45.0	yes
H4	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:46.0	yes
H5	DARK	WFC3/IR	1	13-Oct-2015 21:52:47.0	yes
E1	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:48.0	yes
E2	NONE	WFC3	1	13-Oct-2015 21:52:49.0	yes
E3	TUNGSTEN	WFC3/UVIS	1	13-Oct-2015 21:52:49.0	yes
E4	BIAS DARK	WFC3/UVIS	2	13-Oct-2015 21:52:50.0	yes

91 Total Orbits Used

ABSTRACT

The on-orbit radiation environment of WFC3 continuously generates new hot pixels. A large fraction of these can be restored to normal levels by warming the detectors up to ~20C during an anneal procedure. This proposal executes the required anneals for Cycle 23. To perform the warmup, the two-stage thermo-electric cooler (TEC) is turned off and the four-stage TEC is used as a heater to warm the detectors. Immediately after the cooldown following each anneal, before any other WFC3 imaging, a bowtie visit (a triplet of UVIS internal flatfields) is acquired to prevent

hysteresis. To monitor the efficacy of the anneal procedures, UVIS darks and biases are acquired before and after each anneal. The images allow for an assessment of the hot pixel population as well as a check of readnoise, bias level and global dark current; the data are also used in the generation of calibration reference files.

OBSERVING DESCRIPTION

The cadence of the WFC3 anneals specified in this proposal (every 28 days) provides reasonable control of the hot pixel population growth as well as optimal interleaving with other significant activities required by the rest of the HST instruments. Unbinned internal biases as well as darks are taken before and after each procedure to provide a check of bias level, read noise, global dark current, and hot pixel population. The darks are post-flashed in order to reduce the effects of CTE losses. Two of the biases are post-flashed (via short 0.5 sec darks since post-flashed biases are disallowed). Two un-flashed biases are acquired to allow a readnoise measurement for comparison to previous cycles. A bowtie visit (a triplet of internal flatfields) is taken immediately after each anneal to provide a hysteresis-neutralizing image as well as verify that any hysteresis present has been successfully quenched. The SEQ-WITHIN requirement is used to ensure that all visits from a given anneal iteration execute in the desired order.

During Cycle 22, the WFC3 anneals were performed keeping the IR detector cold (IRTEMP=COLD). In Cycle 23, one iteration may be executed according to the original anneal procedure commanding which includes a partial warming of the IR detector; in that event, one post-anneal IR dark will be needed. The on-hold IR-cold anneal and associated internals are contained in the on-hold visits H1-H5.

All active anneal iterations (visits 11-14, 21-24, ... E1-E4) are performed keeping the IR detector cold (IRTEMP=COLD). In the event the on-hold anneal visit should be required during Cycle 23, it will be used in place of one of the IRTEMP=COLD anneals iterations.

No WFC3 science imaging should be done before the post-anneal internals are taken and preferably no WFC3 science imaging should be done between the pre-anneal visits and the anneal.

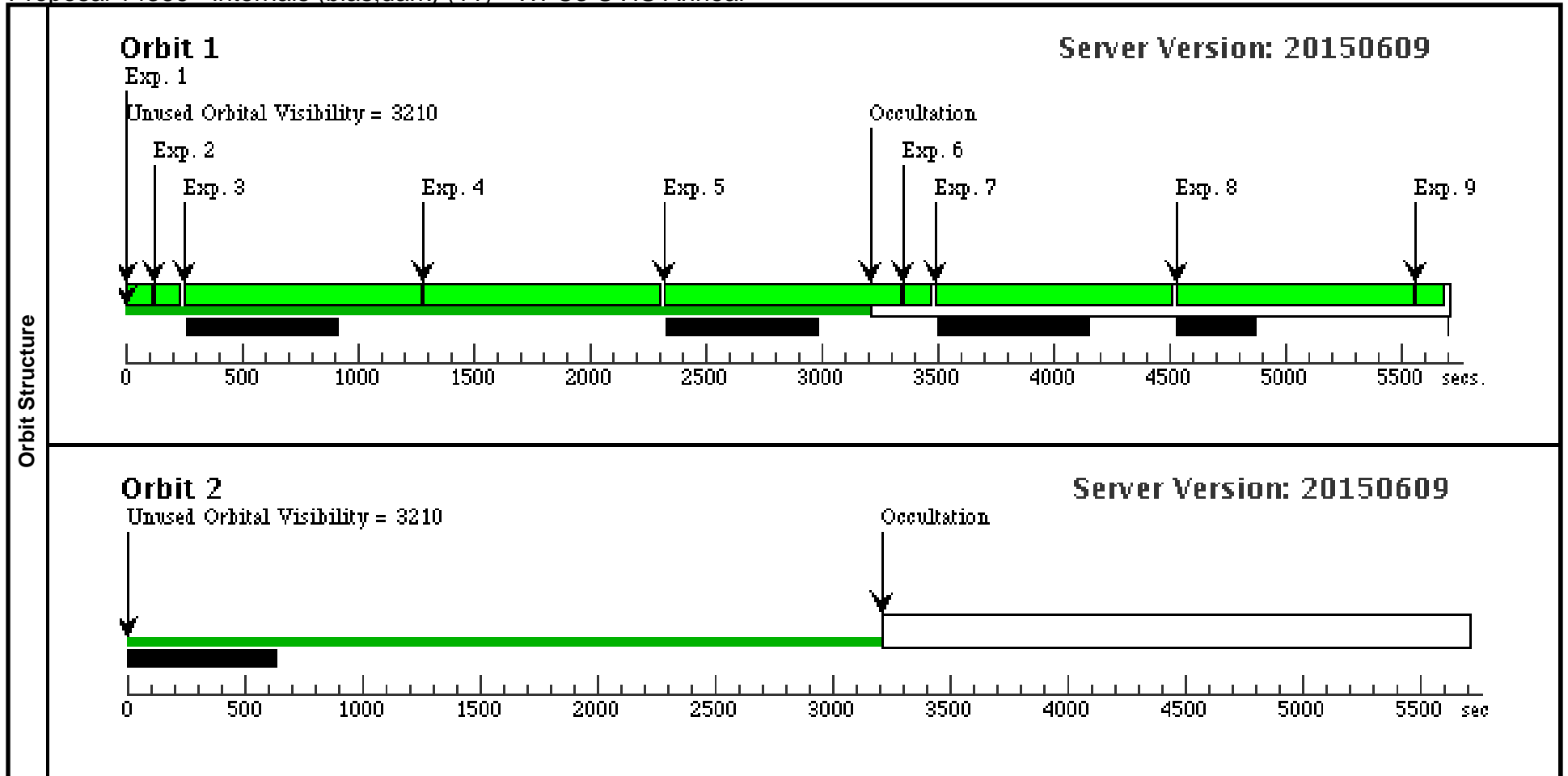
----- Calibration Justification -----

The hot pixel changes, readnoise, and dark current will be evaluated based upon the internal data. The results will be compared to previous iterations and reported on a routine basis. The bowtie monitor visit after each anneal serves as a bowtie check and neutralizer; results from this visit are evaluated in conjunction with images from the standard bowtie monitor (proposal 14367 in Cycle 23). Bias and dark data will be combined with that from other proposals (e.g., 14368, -369, -370) to generate superbias and superdark reference files for the calibration pipeline.

Proposal 14366 - internals (bias,dark) (11) - WFC3 UVIS Anneal

Wed Oct 14 01:52:52 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (11), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 28-DEC-2015:00:00:00 AND 03-JAN-2016:23:59:59; SEQ 11,12,13,14 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (11)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
									[==>]	[1]	
6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Visit	Proposal 14366, Dec 2015 anneal procedure (12), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609</p> <p>Exp. 1</p> <p>Unused Orbital Visibility = 3210</p> <p style="text-align: center;">Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

Proposal 14366 - bowtie check/fix (13) - WFC3 UVIS Anneal

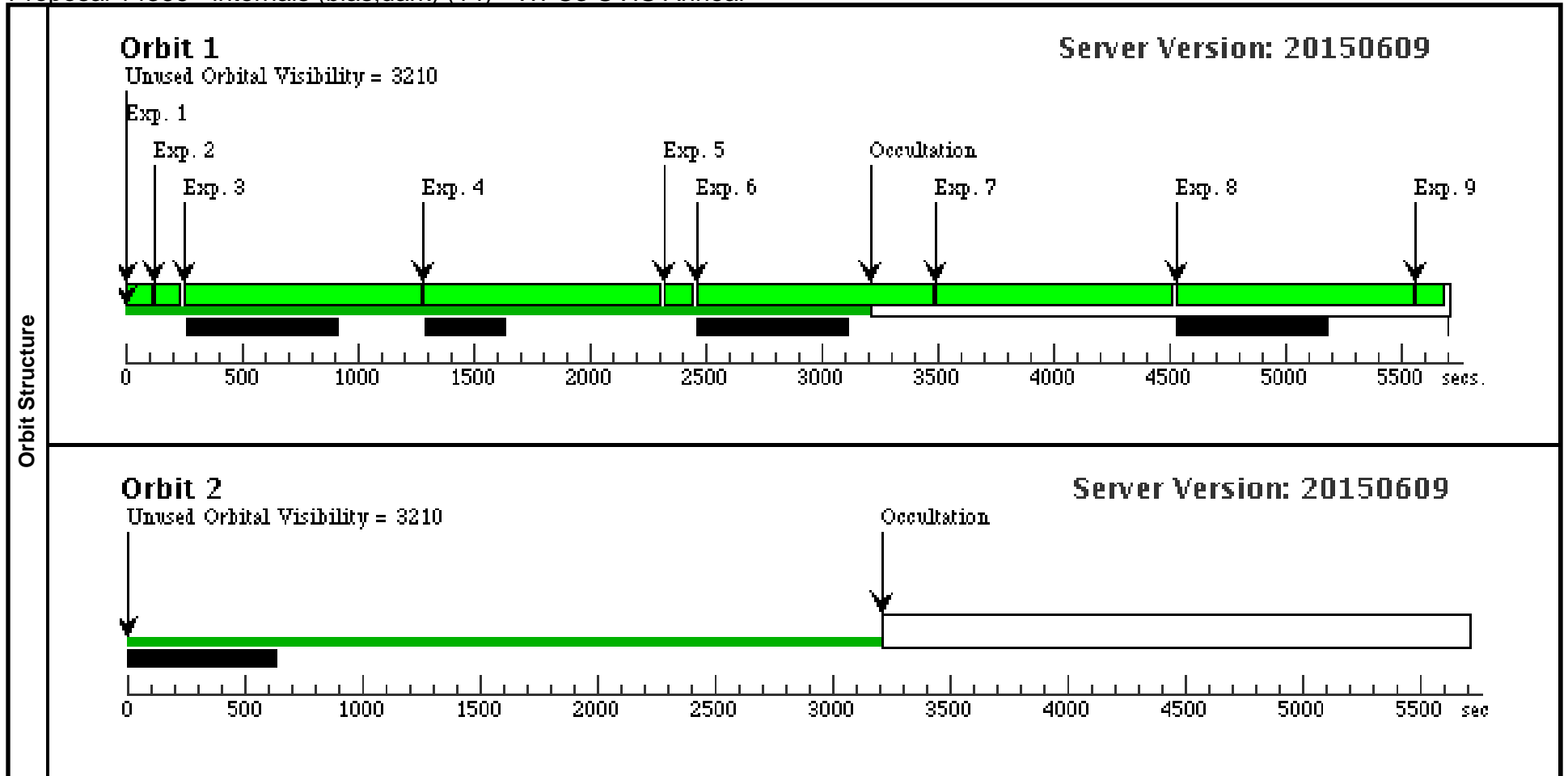
Wed Oct 14 01:52:53 GMT 2015

Visit	Proposal 14366, bowtie check/fix (13), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	(initial check (13.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (neutralizer (13.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (final check (13.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (13)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (13)	200.0 Secs (200 Secs) [==>]	[1]
	3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (13)	1.0 Secs (1 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Unused Orbital Visibility = 3210</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. Three vertical arrows labeled 'Exp. 1', 'Exp. 2', and 'Exp. 3' point to small green bars at approximately 0, 100, and 400 seconds respectively. A vertical arrow labeled 'Reconfig' points to a small black bar at approximately 450 seconds. A long vertical arrow labeled 'Occultation' points to a long white bar starting at approximately 3200 seconds and ending at 5500 seconds. The x-axis is labeled 'sec' and has major ticks every 500 units.</p>									
	<p>Server Version: 20150609</p>									

Proposal 14366 - internals (bias,dark) (14) - WFC3 UVIS Anneal

Wed Oct 14 01:52:53 GMT 2015

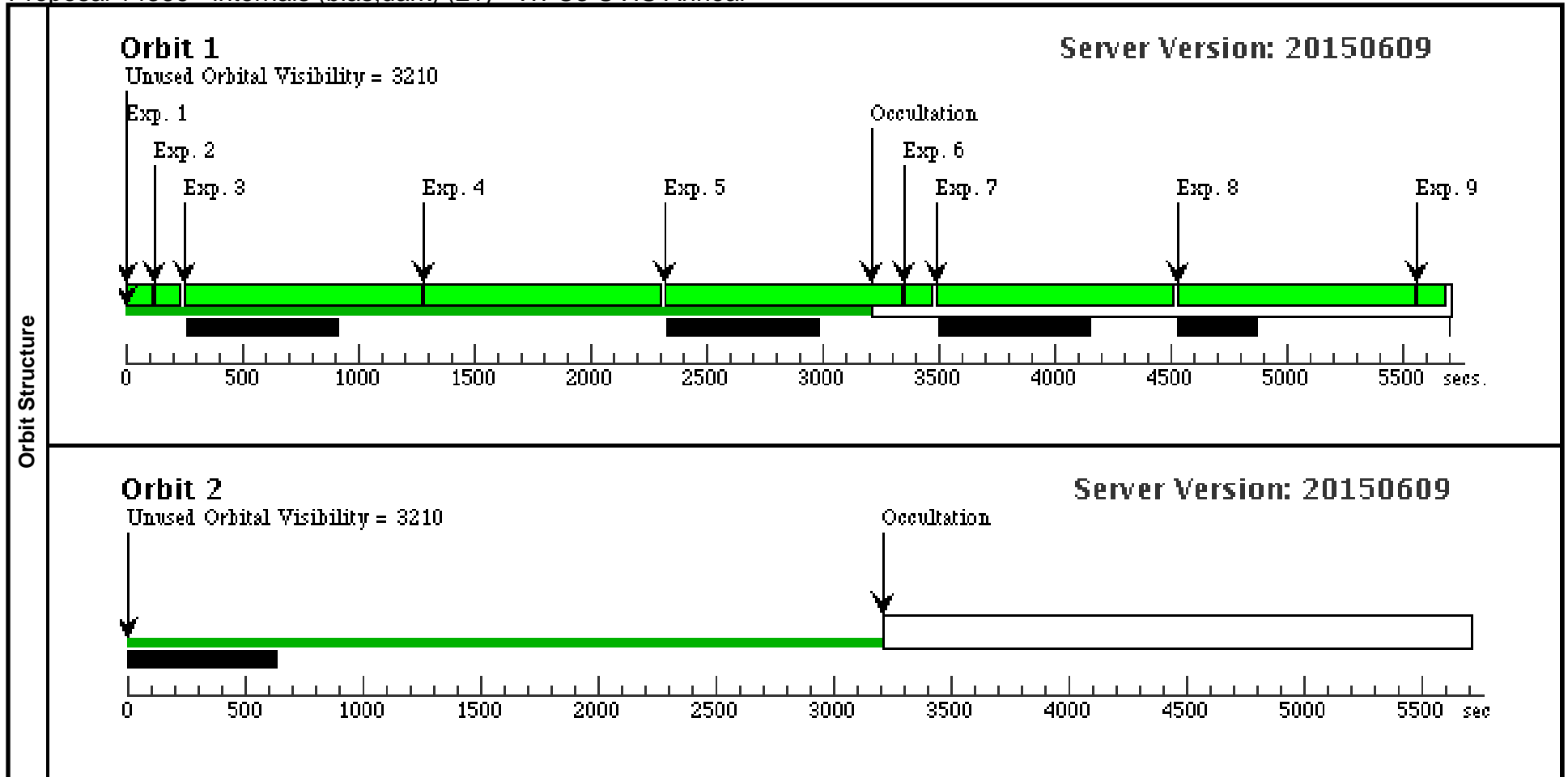
Visit	Proposal 14366, internals (bias,dark) (14), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (14)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (21) - WFC3 UVIS Anneal

Wed Oct 14 01:52:53 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (21), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-JAN-2016:00:00:00 AND 31-JAN-2016:23:59:59; SEQ 21,22,23,24 WITHIN 72 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (21)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
									[==>]	[1]	
6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Visit	Proposal 14366, Jan 2016 anneal procedure (22), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609 Unused Orbital Visibility = 3210</p> <p>The diagram shows a horizontal axis representing time in seconds, ranging from 0 to 5500 with major ticks every 500 seconds. A green bar starts at 0 seconds and ends at approximately 3200 seconds, labeled 'Exp. 1'. A white bar starts at approximately 3200 seconds and ends at approximately 5500 seconds, labeled 'Occultation'. Two arrows point to the start of the green bar at 0 seconds. The text 'Unused Orbital Visibility = 3210' is located above the green bar.</p>									

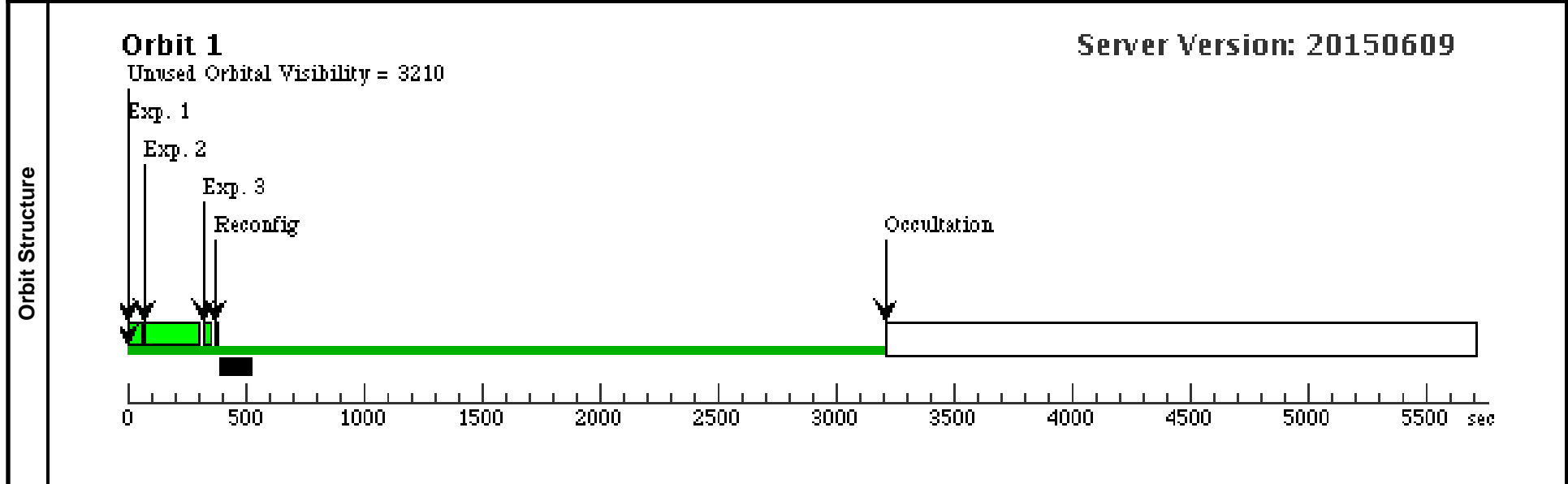
Proposal 14366 - bowtie check/fix (23) - WFC3 UVIS Anneal

Wed Oct 14 01:52:53 GMT 2015

Visit	<p>Proposal 14366, bowtie check/fix (23), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(initial check (23.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(neutralizer (23.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(final check (23.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>
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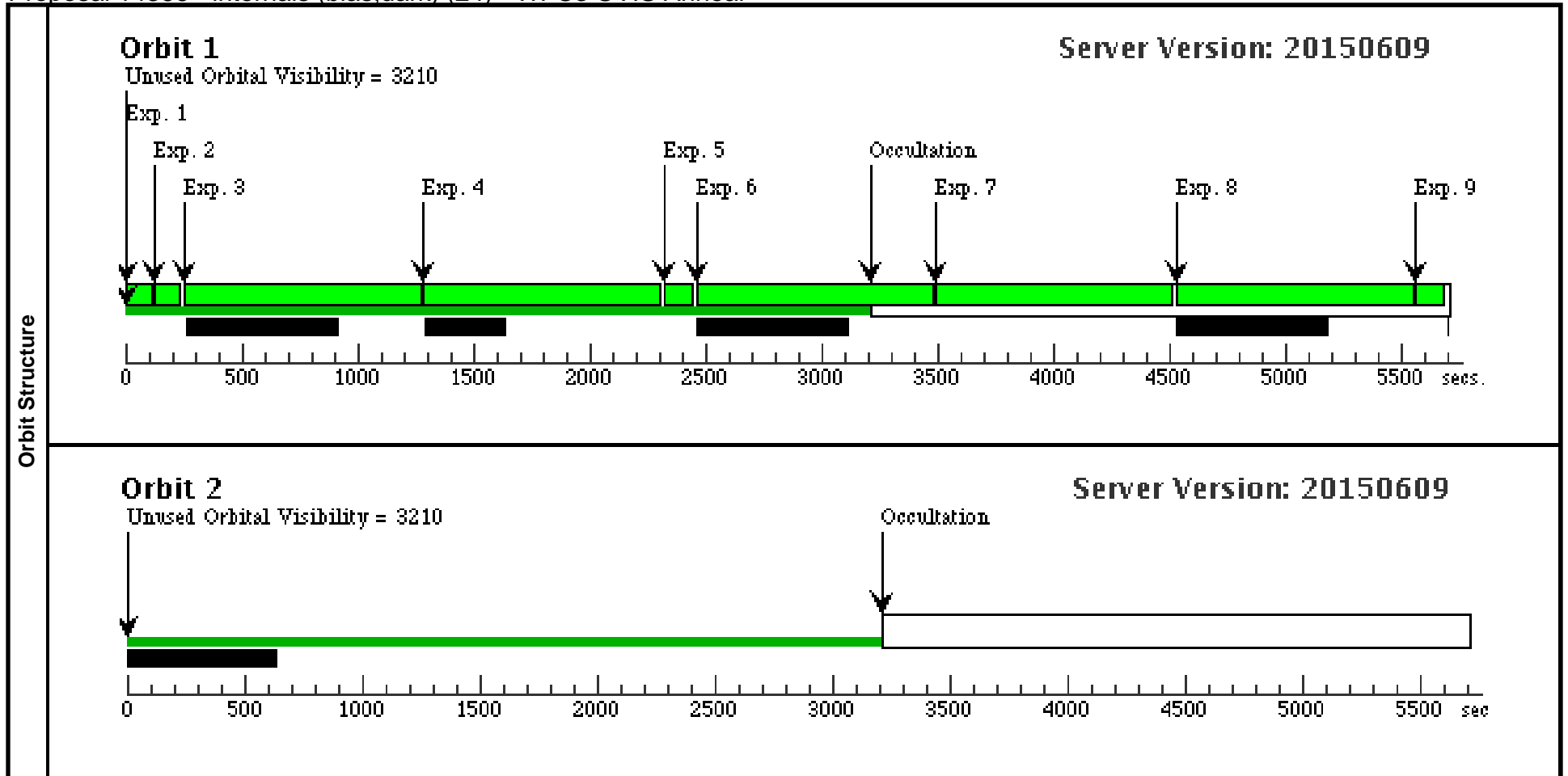
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (23)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (23)	200.0 Secs (200 Secs) [==>]	[1]
3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (23)	1.0 Secs (1 Secs) [==>]	[1]



Proposal 14366 - internals (bias,dark) (24) - WFC3 UVIS Anneal

Wed Oct 14 01:52:53 GMT 2015

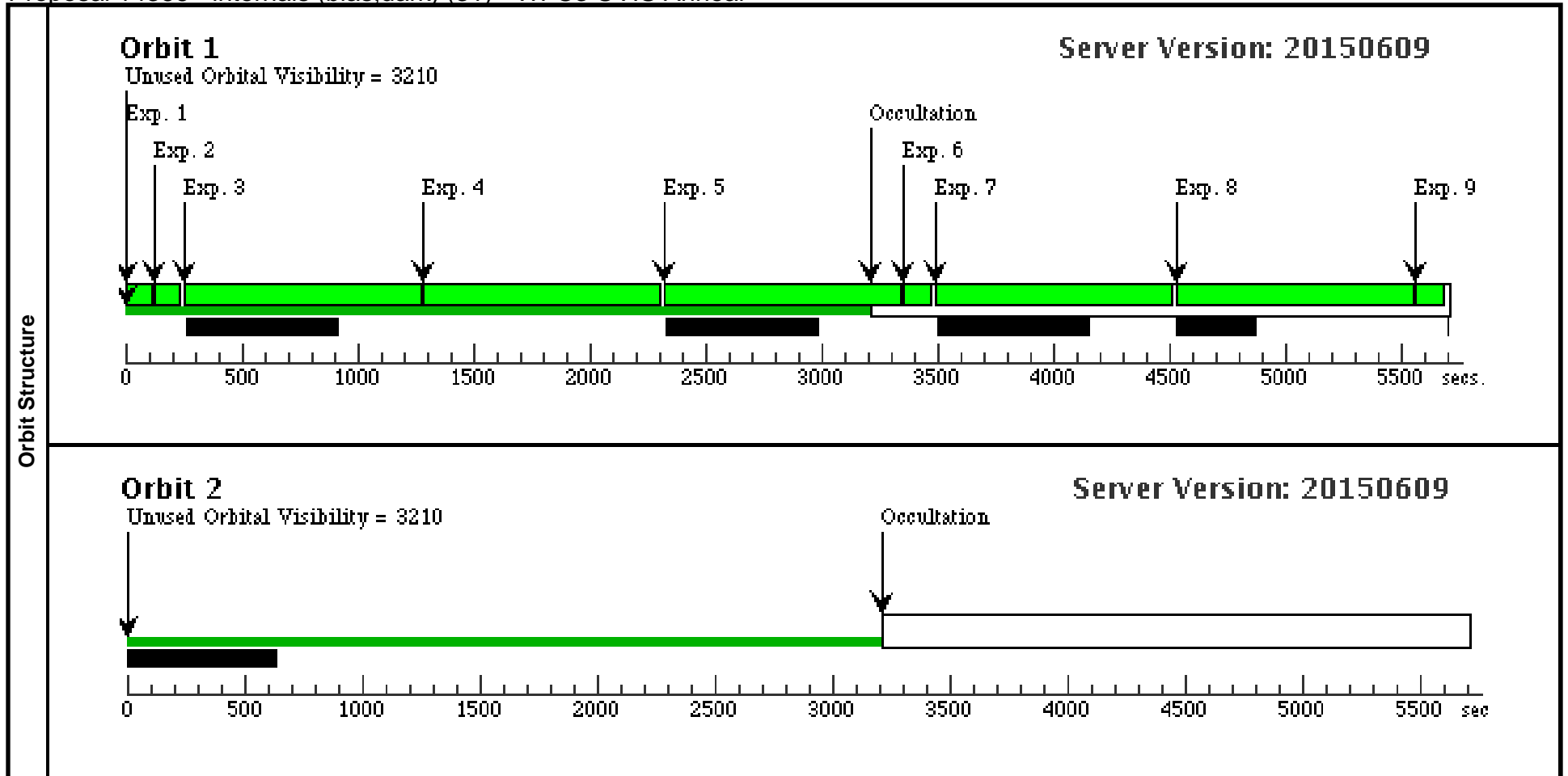
Visit	Proposal 14366, internals (bias,dark) (24), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (24)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (31) - WFC3 UVIS Anneal

Wed Oct 14 01:52:53 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (31), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 22-FEB-2016:00:00:00 AND 28-FEB-2016:23:59:59; SEQ 31,32,33,34 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (31)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
									[==>]	[1]	
6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Visit	Proposal 14366, Feb 2016 anneal procedure (32), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609 Unused Orbital Visibility = 3210</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A green bar representing 'Exp. 1' starts at 0 and ends at approximately 3200 seconds. A white bar representing 'Occultation' starts at approximately 3200 seconds and ends at approximately 5600 seconds. Arrows point to the start of 'Exp. 1' and the start of 'Occultation'. The x-axis is labeled 'sec'.</p>									

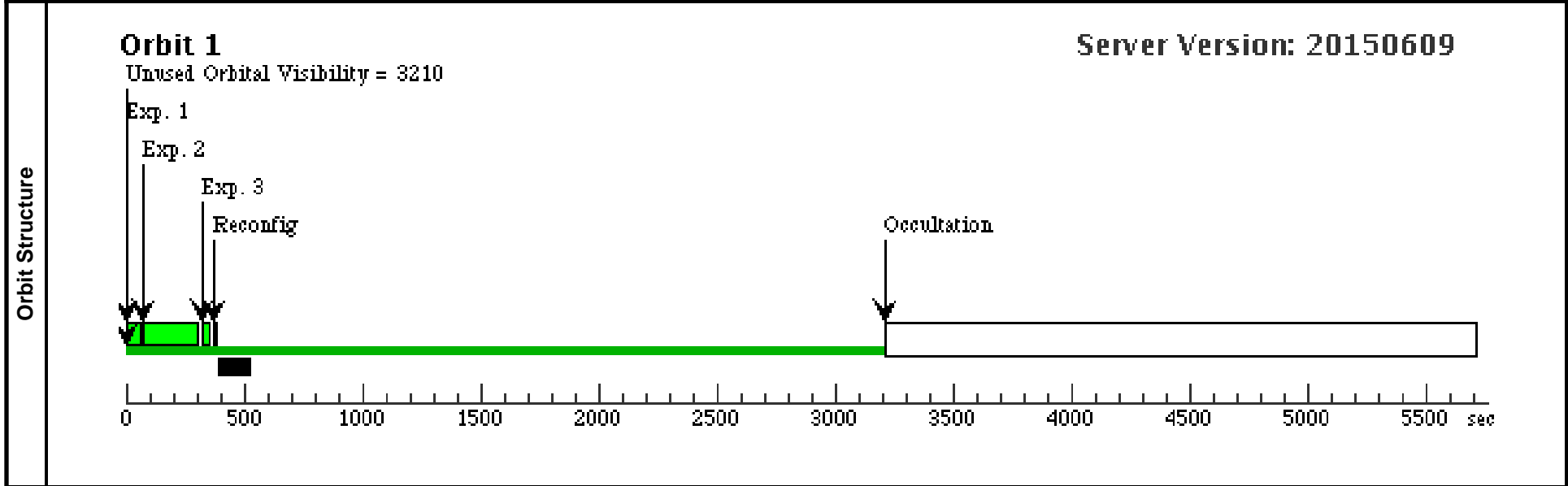
Proposal 14366 - bowtie check/fix (33) - WFC3 UVIS Anneal

Wed Oct 14 01:52:54 GMT 2015

Visit	<p>Proposal 14366, bowtie check/fix (33), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(initial check (33.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(neutralizer (33.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(final check (33.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>
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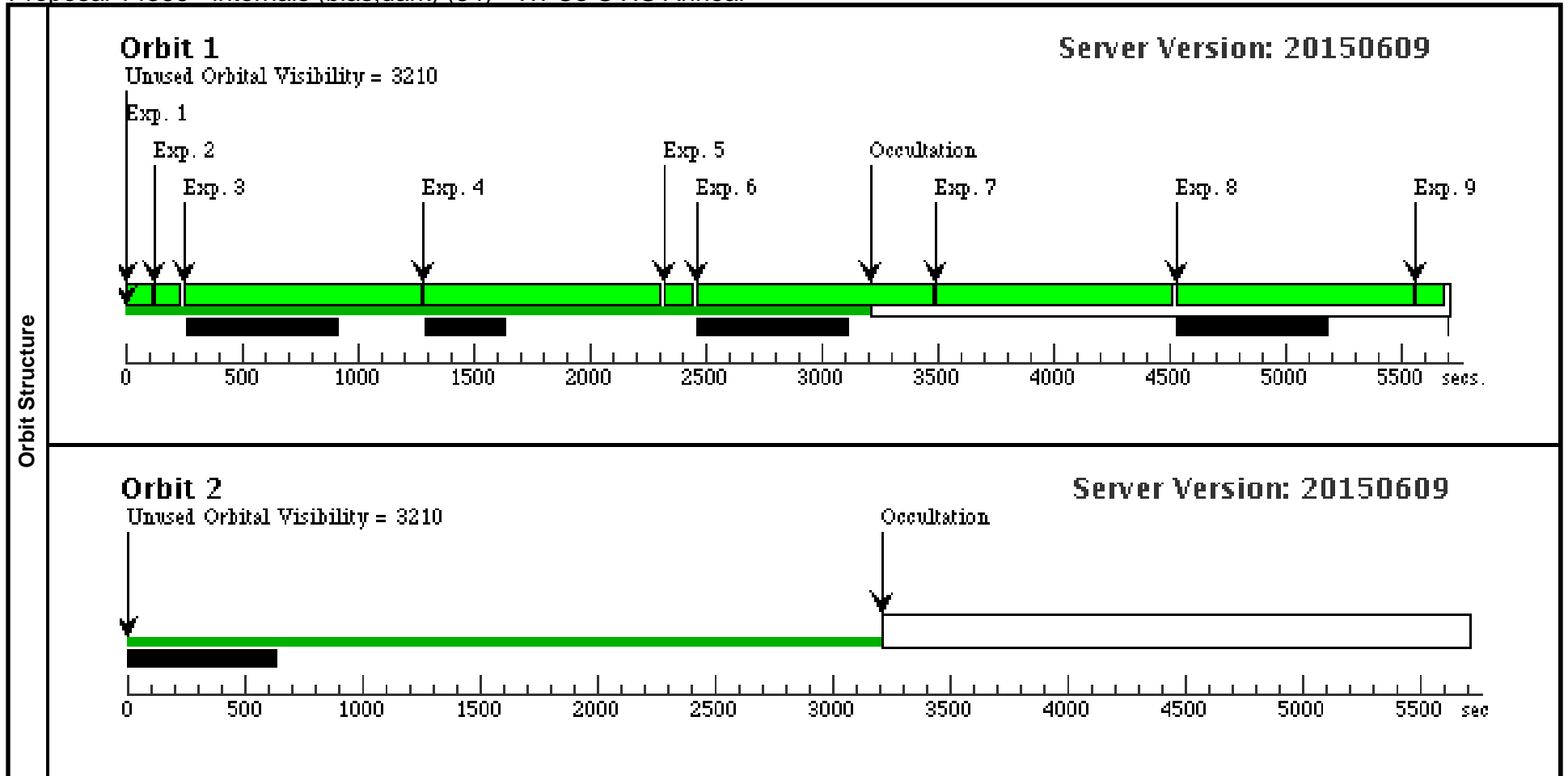
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (33)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (33)	200.0 Secs (200 Secs) [==>]	[1]
3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (33)	1.0 Secs (1 Secs) [==>]	[1]



Proposal 14366 - internals (bias,dark) (34) - WFC3 UVIS Anneal

Wed Oct 14 01:52:54 GMT 2015

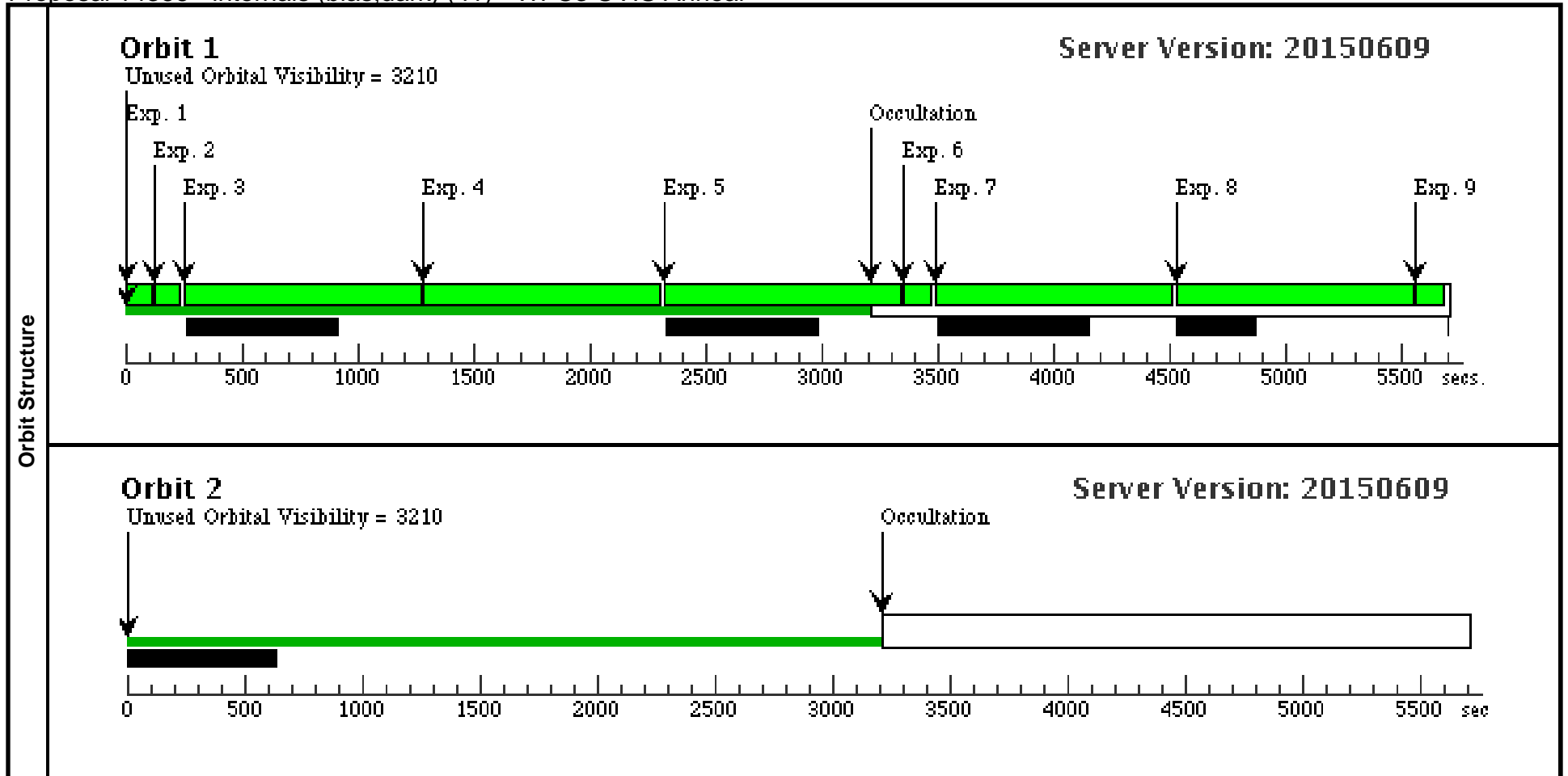
Visit	Proposal 14366, internals (bias,dark) (34), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (34)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (41) - WFC3 UVIS Anneal

Wed Oct 14 01:52:54 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (41), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 21-MAR-2016:00:00:00 AND 27-MAR-2016:23:59:59; SEQ 41,42,43,44 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (41)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
									[==>]	[1]	
6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



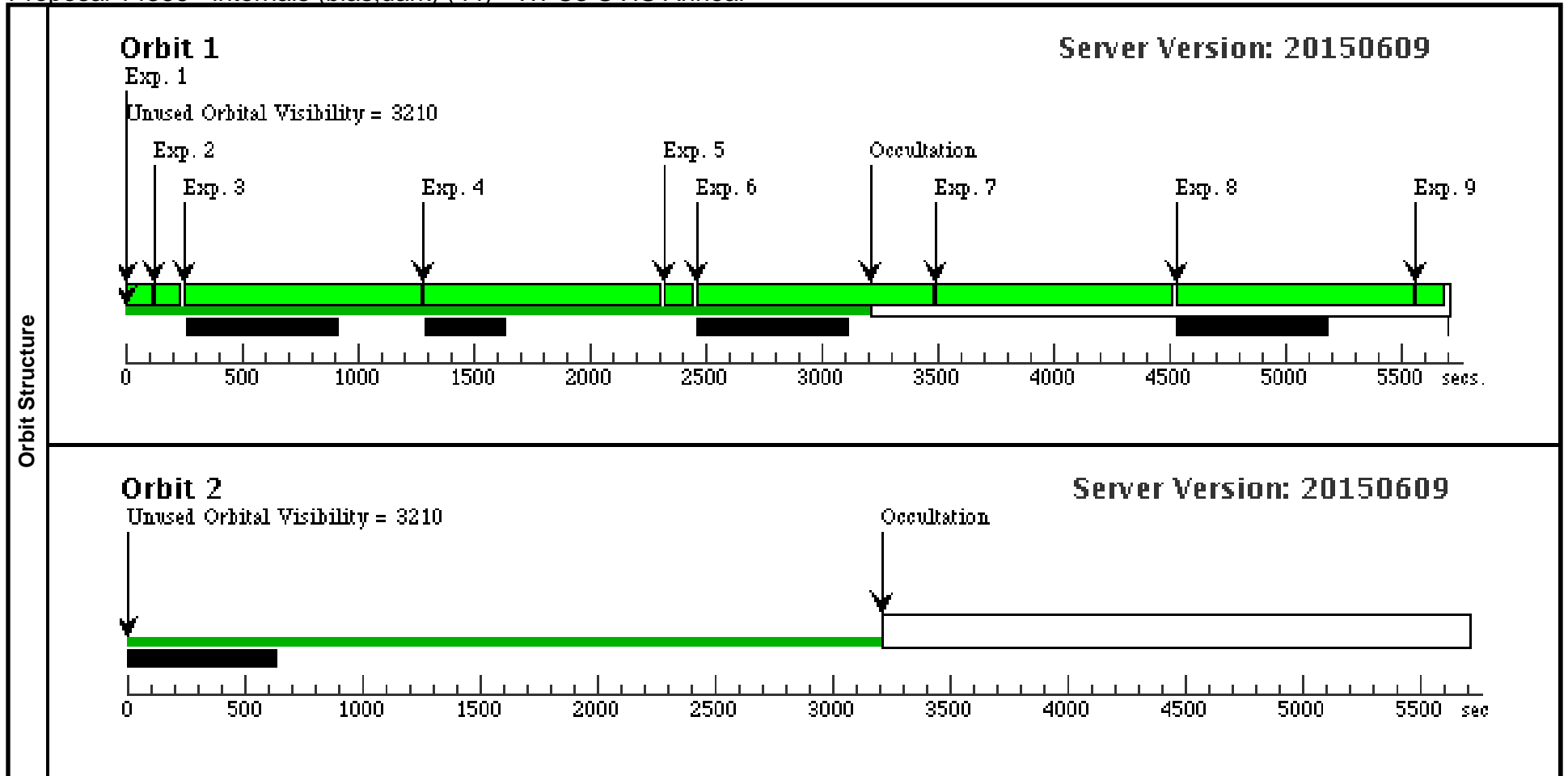
Visit	Proposal 14366, Mar 2016 anneal procedure (42), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609</p> <p>Exp. 1</p> <p>Unused Orbital Visibility = 3210</p> <p style="text-align: center;">Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

Visit	Proposal 14366, bowtie check/fix (43), implementation										
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
Diagnostics	(initial check (43.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (neutralizer (43.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (final check (43.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (43)	1.0 Secs (1 Secs) [==>]	[1]
2		neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (43)	200.0 Secs (200 Secs) [==>]	[1]	
	3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (43)	1.0 Secs (1 Secs) [==>]	[1]	
Orbit Structure	<p>Orbit 1 Unused Orbital Visibility = 3210</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. Three vertical arrows labeled 'Exp. 1', 'Exp. 2', and 'Exp. 3' point to the start of three green rectangular bars representing exposures. A vertical arrow labeled 'Reconfig' points to a small black rectangle. A vertical arrow labeled 'Occultation' points to the start of a long white rectangular bar that begins at approximately 3200 seconds and ends at 5500 seconds.</p>										
	<p>Server Version: 20150609</p>										

Proposal 14366 - internals (bias,dark) (44) - WFC3 UVIS Anneal

Wed Oct 14 01:52:54 GMT 2015

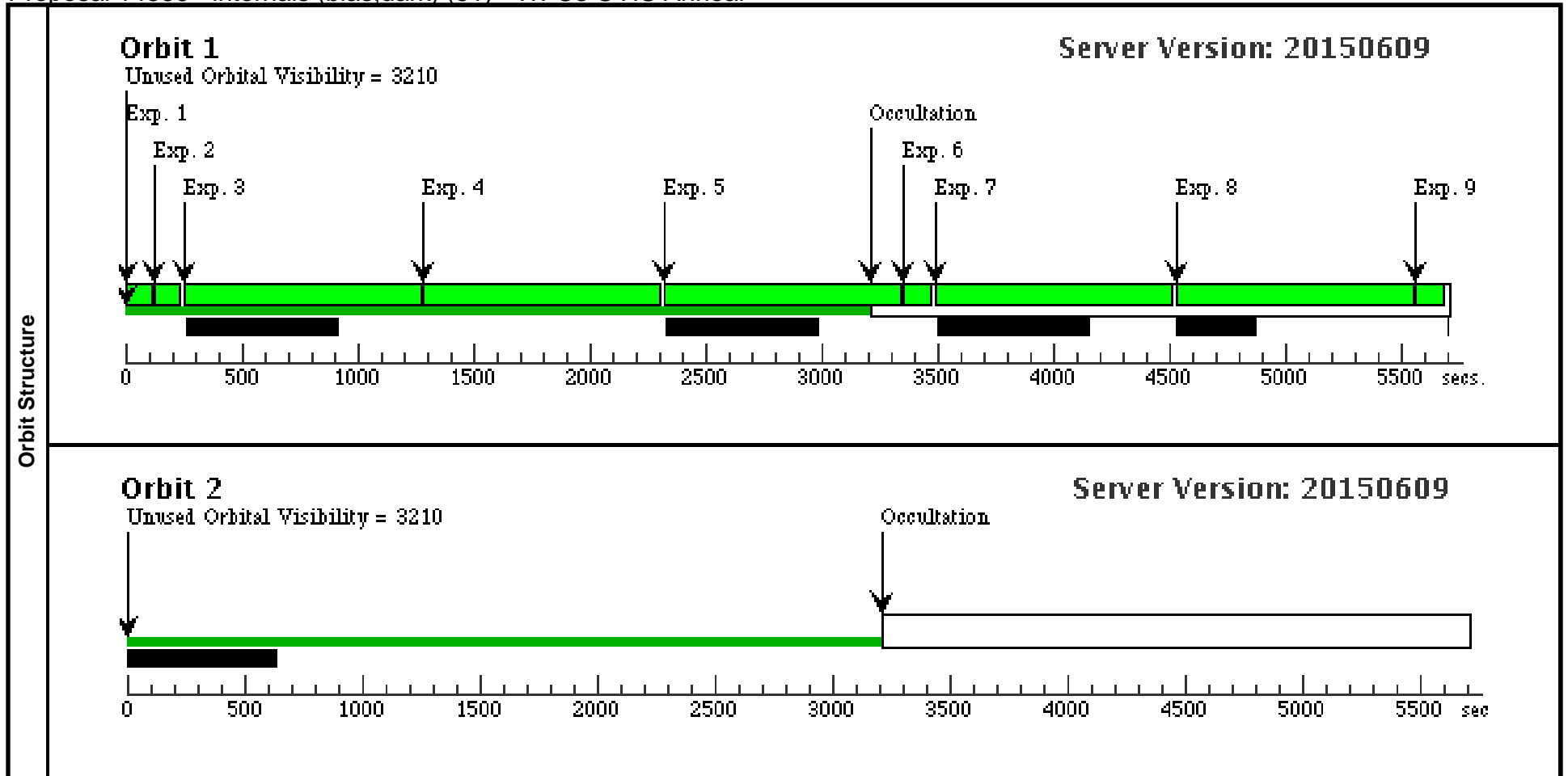
Visit	Proposal 14366, internals (bias,dark) (44), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (44)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (51) - WFC3 UVIS Anneal

Wed Oct 14 01:52:54 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (51), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 18-APR-2016:00:00:00 AND 24-APR-2016:23:59:59; SEQ 51,52,53,54 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (51)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs) [==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs) [==>]	[1]	
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	
	7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	



Visit	Proposal 14366, Apr 2016 anneal procedure (52), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	Orbit 1 Unused Orbital Visibility = 3210 Server Version: 20150609									
	<p>The diagram shows a horizontal axis representing time in seconds, ranging from 0 to 5500. A green bar starts at 0 and ends at approximately 3210 seconds, indicating the duration of the exposure. An arrow labeled 'Occultation' points to the end of this bar. The text 'Unused Orbital Visibility = 3210' is displayed above the axis. The label 'Exp. 1' is positioned at the start of the green bar, and 'Orbit 1' is at the top left. The server version '20150609' is noted at the top right.</p>									

Proposal 14366 - bowtie check/fix (53) - WFC3 UVIS Anneal

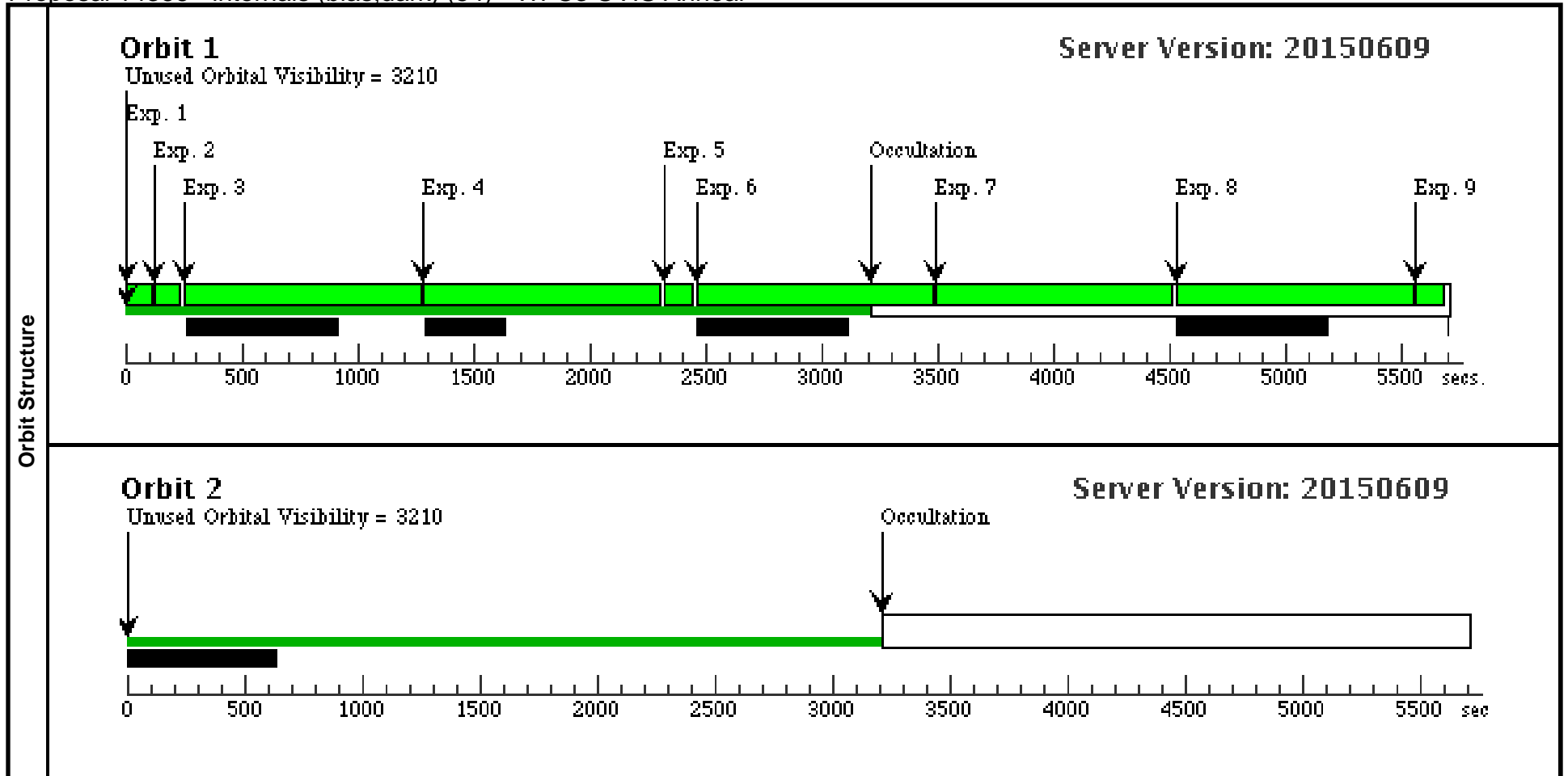
Wed Oct 14 01:52:54 GMT 2015

Visit	Proposal 14366, bowtie check/fix (53), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	(initial check (53.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (neutralizer (53.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (final check (53.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (53)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (53)	200.0 Secs (200 Secs) [==>]	[1]
	3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (53)	1.0 Secs (1 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Unused Orbital Visibility = 3210</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. At the start (0s), three exposures are indicated by vertical arrows: Exp. 1 (at ~10s), Exp. 2 (at ~100s), and Exp. 3 (at ~300s). Below the timeline, there are three green rectangular blocks representing exposure durations. A 'Reconfig' period is shown as a small black rectangle between approximately 300s and 400s. A long 'Occultation' period is shown as a white rectangle with a black border, starting at approximately 3200s and ending at approximately 5500s.</p>									
	<p>Server Version: 20150609</p>									

Proposal 14366 - internals (bias,dark) (54) - WFC3 UVIS Anneal

Wed Oct 14 01:52:54 GMT 2015

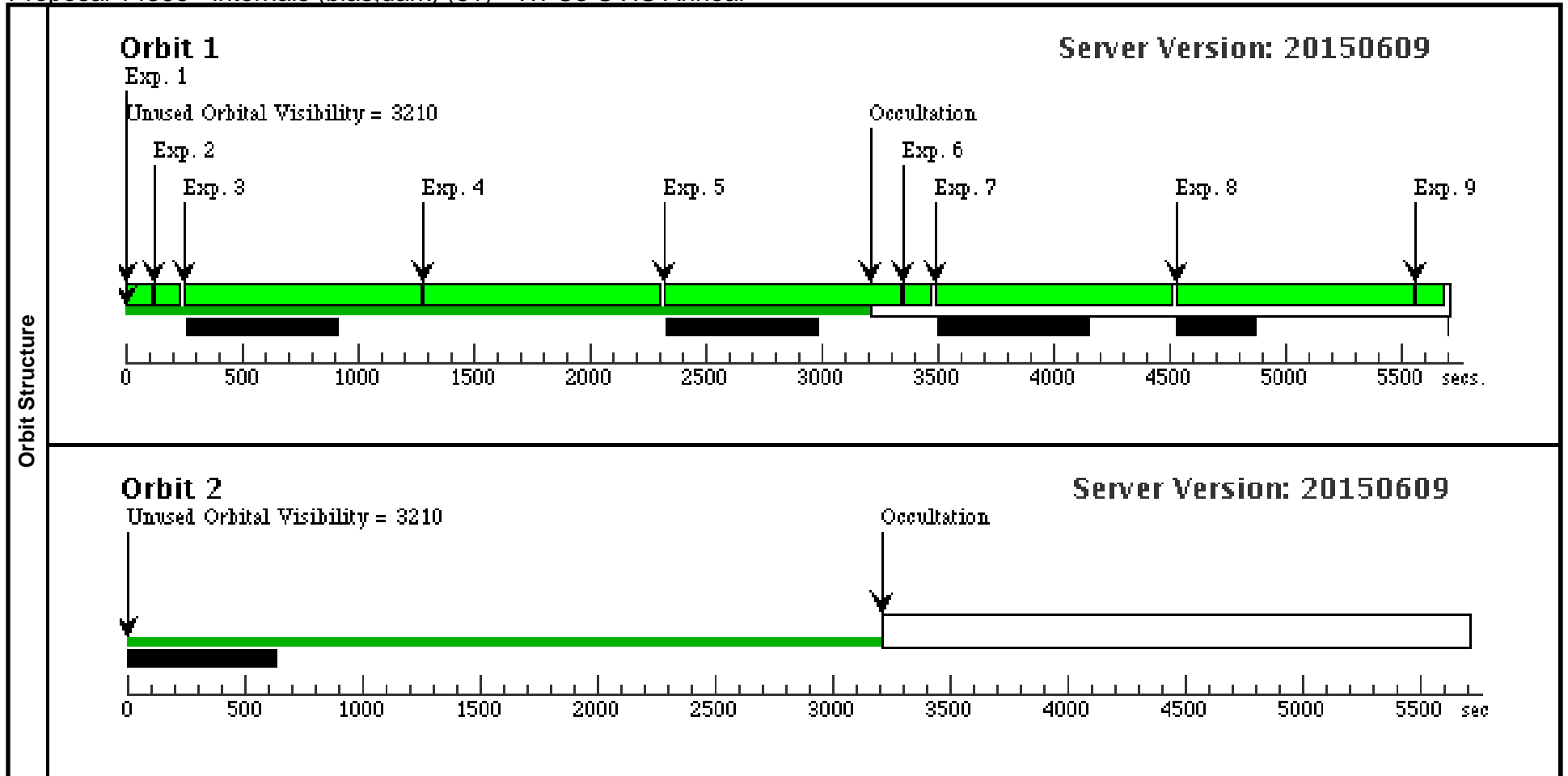
Visit	Proposal 14366, internals (bias,dark) (54), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (54)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (61) - WFC3 UVIS Anneal

Wed Oct 14 01:52:54 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (61), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-MAY-2016:00:00:00 AND 22-MAY-2016:23:59:59; SEQ 61,62,63,64 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (61)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs) [==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs) [==>]	[1]	
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	
	7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	

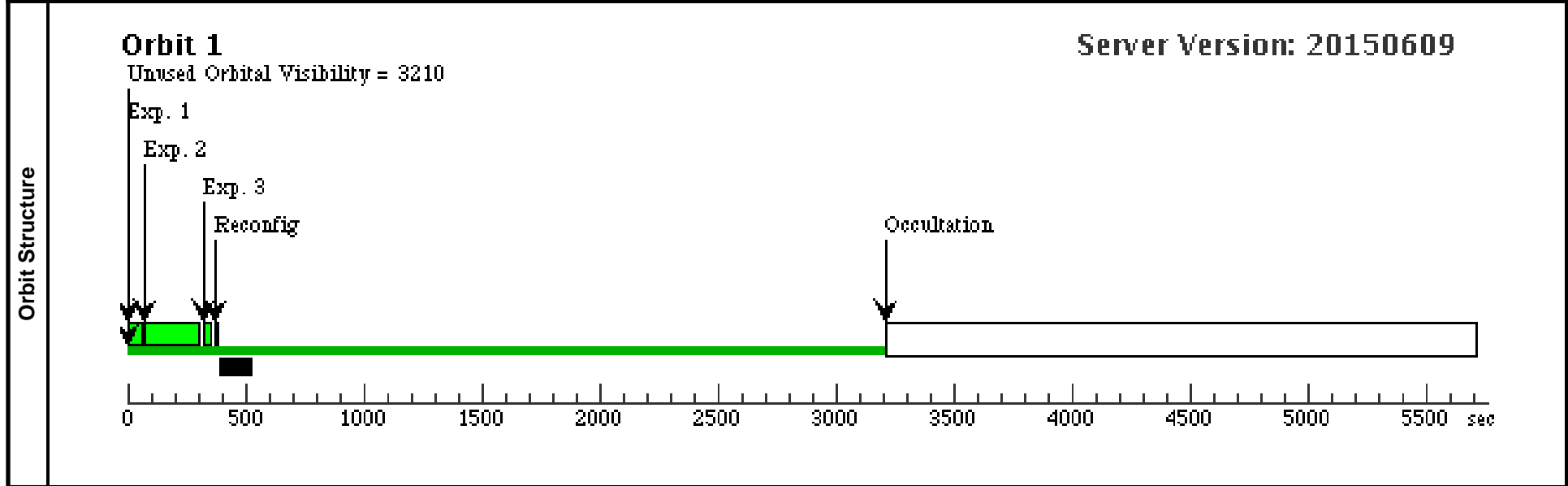


Visit	Proposal 14366, May 2016 anneal procedure (62), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609 Unused Orbital Visibility = 3210</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A green bar representing 'Exp. 1' starts at 0 and ends at approximately 3200 seconds. A white bar representing 'Occultation' starts at approximately 3200 seconds and ends at 5500 seconds. Arrows point to the start of 'Exp. 1' and the start of 'Occultation'. The text 'Unused Orbital Visibility = 3210' is located above the green bar.</p>									

Visit	<p>Proposal 14366, bowtie check/fix (63), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(initial check (63.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(neutralizer (63.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(final check (63.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>
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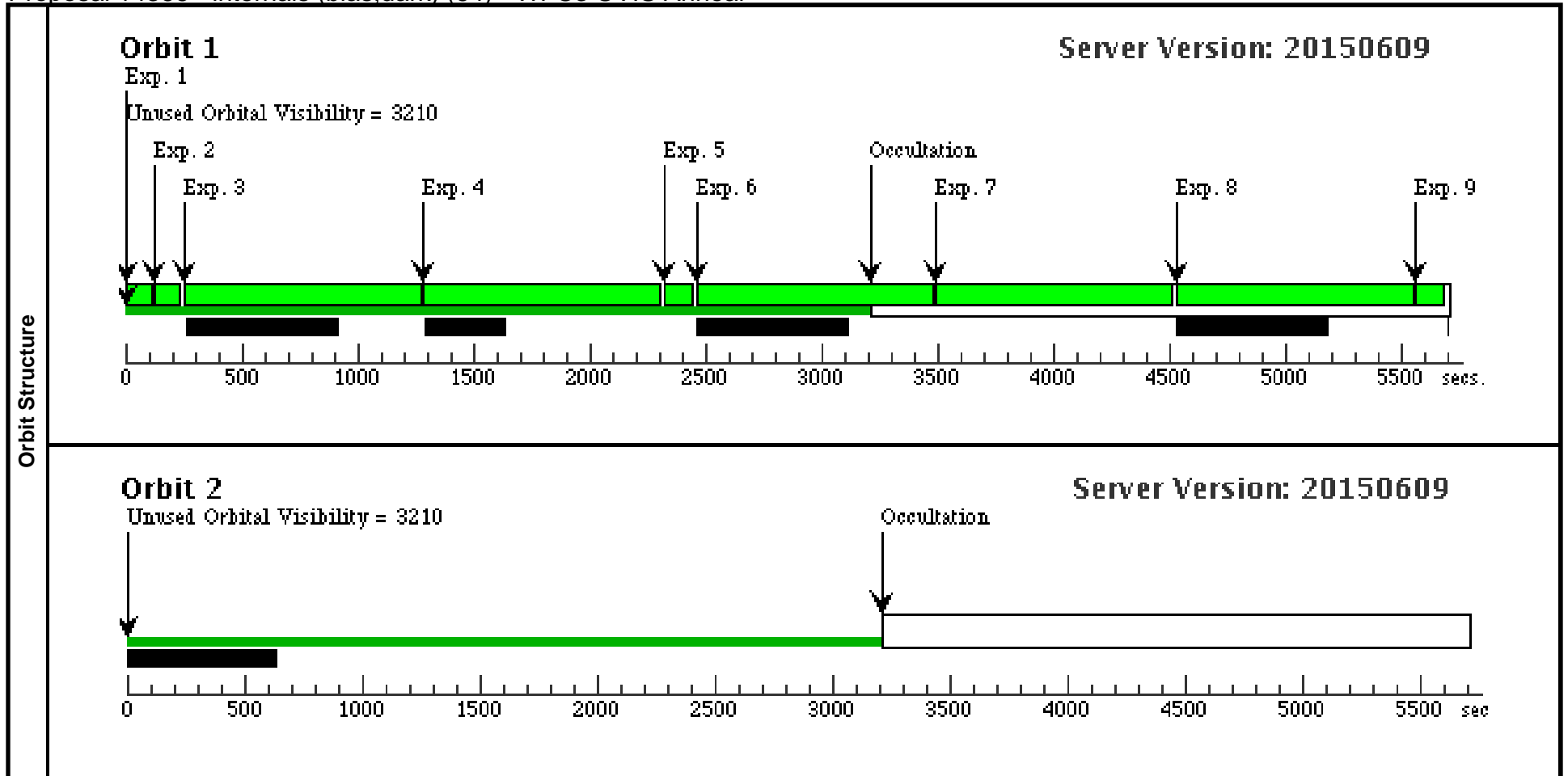
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (63)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (63)	200.0 Secs (200 Secs) [==>]	[1]
3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (63)	1.0 Secs (1 Secs) [==>]	[1]



Proposal 14366 - internals (bias,dark) (64) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

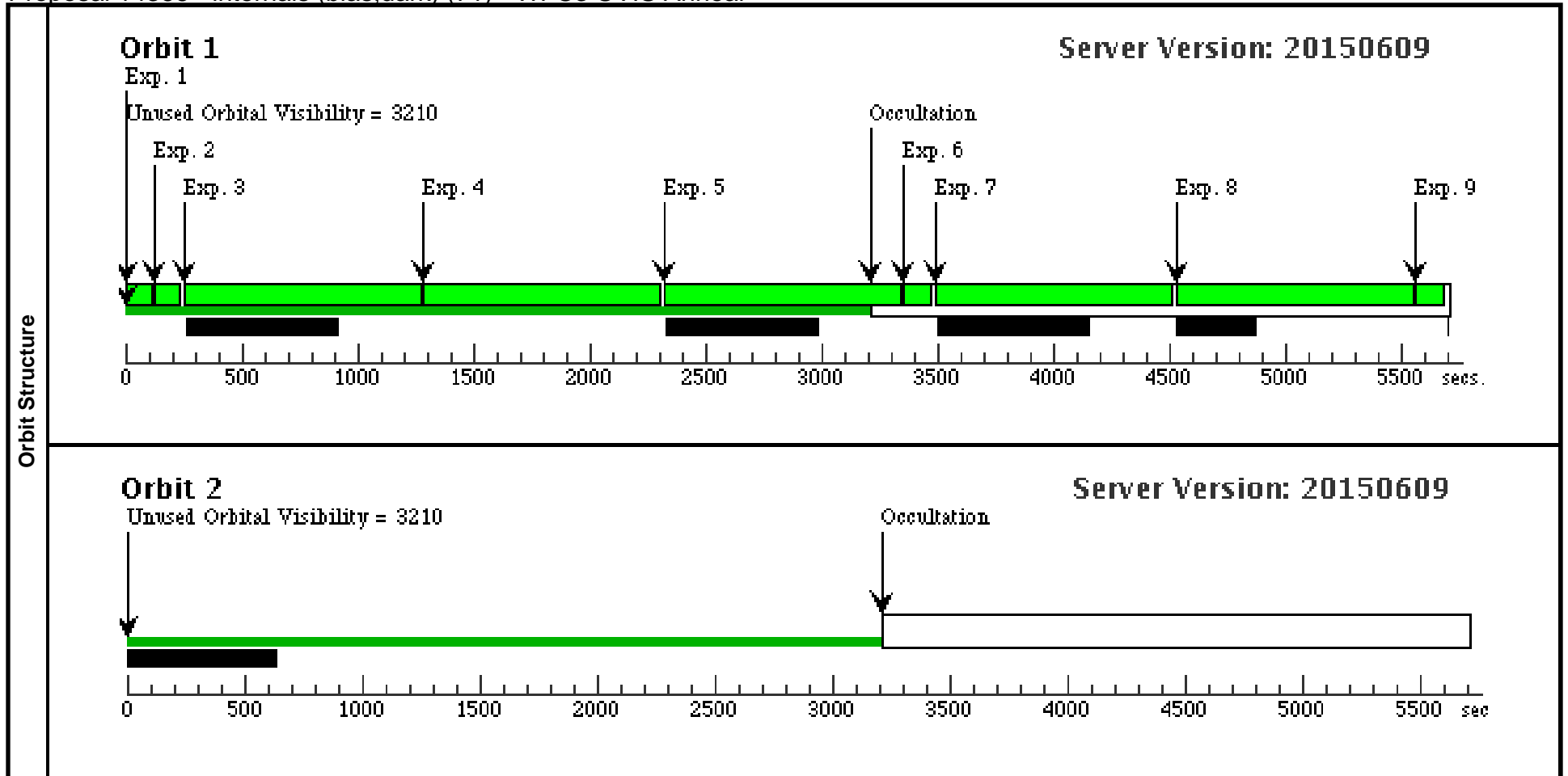
Visit	Proposal 14366, internals (bias,dark) (64), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (64)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (71) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (71), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-JUN-2016:00:00:00 AND 19-JUN-2016:23:59:59; SEQ 71,72,73,74 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>									
	Diagnosics (internals (bias,dark) (71)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs) [==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs) [==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]
	6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]
	7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]
	8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]
	9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]



Visit	Proposal 14366, Jun 2016 anneal procedure (72), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609 Unused Orbital Visibility = 3210</p> <p>The diagram shows a horizontal axis representing time in seconds, ranging from 0 to 5500 with major ticks every 500 seconds. A green bar starts at 0 seconds and ends at approximately 3200 seconds, labeled 'Exp. 1'. A white bar starts at approximately 3200 seconds and ends at approximately 5600 seconds, labeled 'Occultation'. Arrows point to the start of each bar. The text 'Unused Orbital Visibility = 3210' is located above the green bar.</p>									

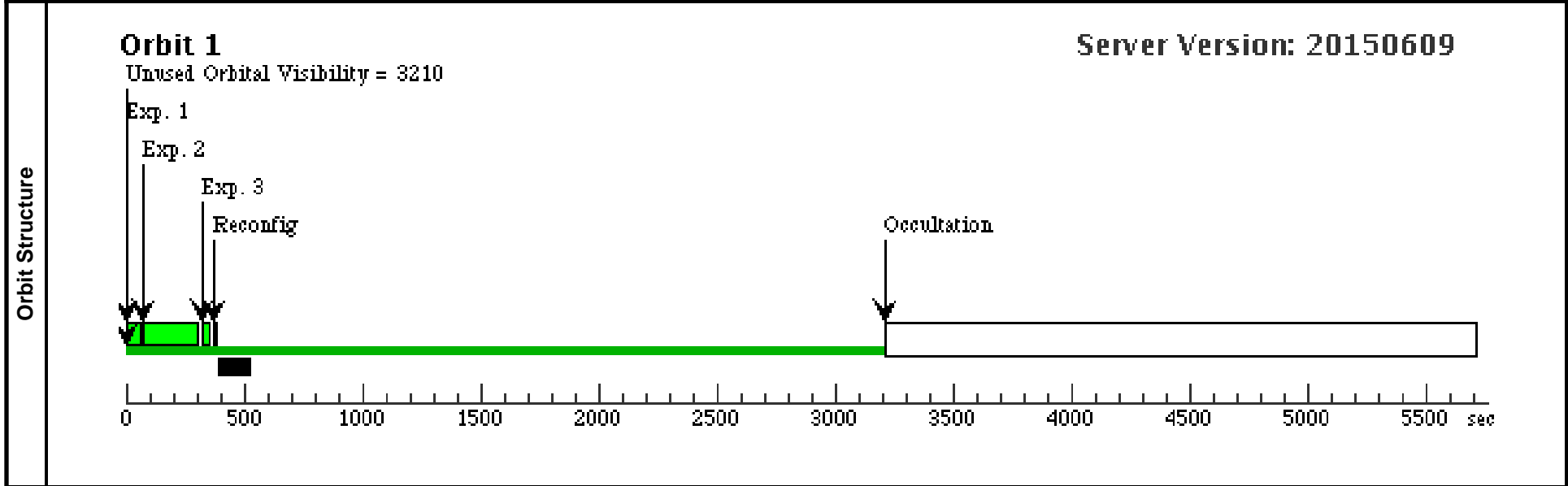
Proposal 14366 - bowtie check/fix (73) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

Visit	<p>Proposal 14366, bowtie check/fix (73), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(initial check (73.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(neutralizer (73.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(final check (73.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>
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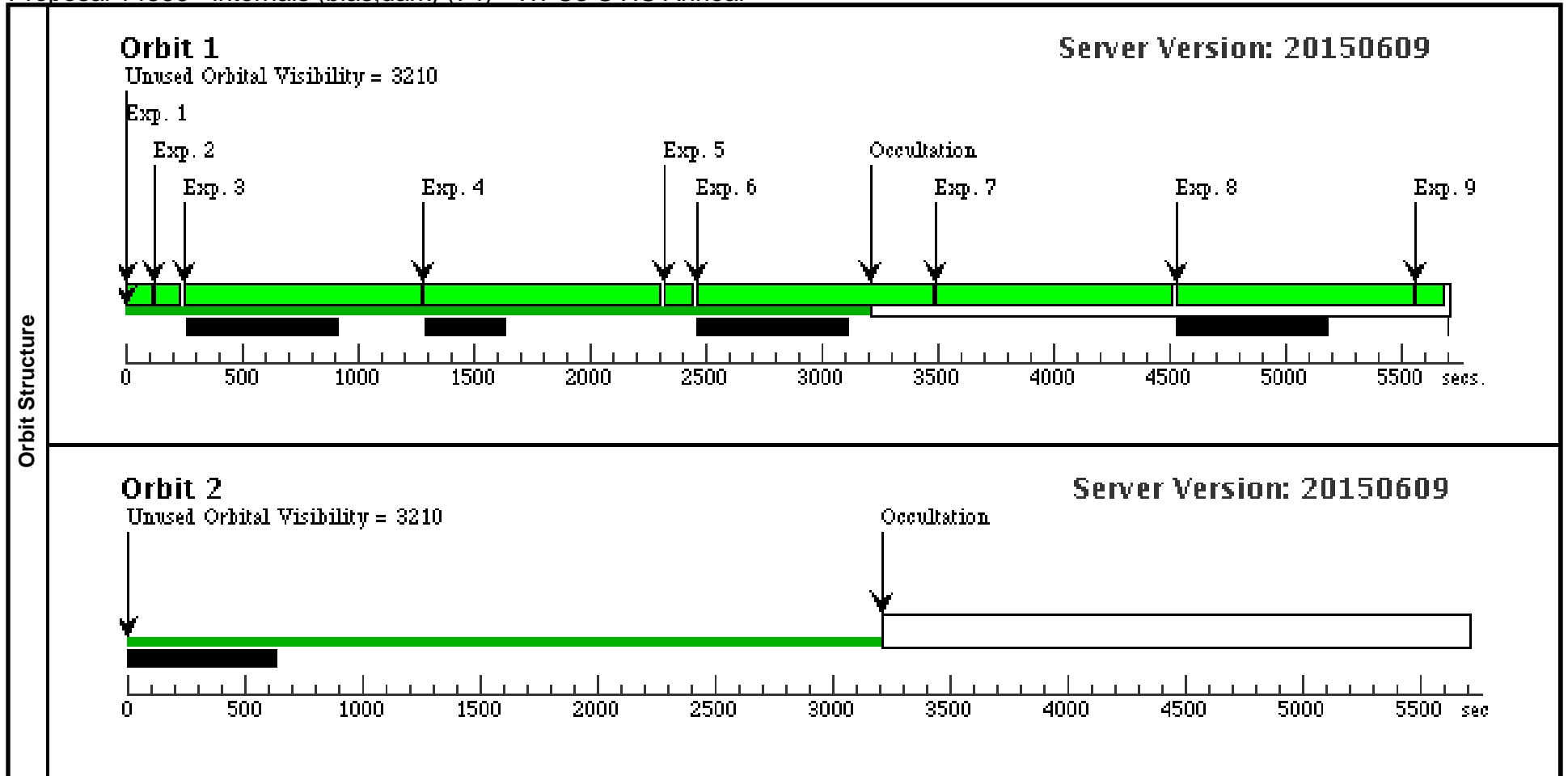
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (73)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (73)	200.0 Secs (200 Secs) [==>]	[1]
3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (73)	1.0 Secs (1 Secs) [==>]	[1]



Proposal 14366 - internals (bias,dark) (74) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

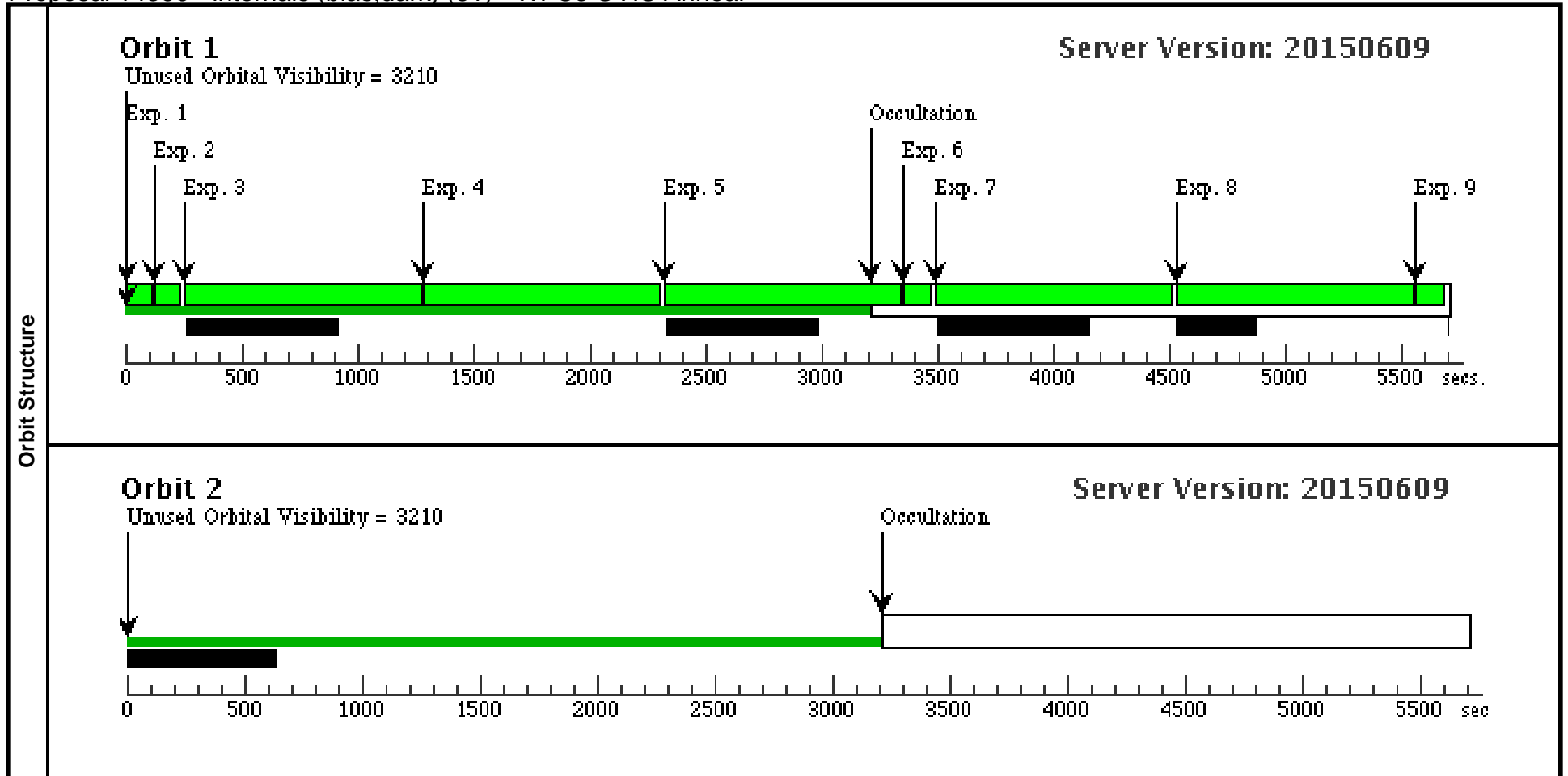
Visit	Proposal 14366, internals (bias,dark) (74), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (74)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (81) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (81), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 11-JUL-2016:00:00:00 AND 17-JUL-2016:23:59:59; SEQ 81,82,83,84 WITHIN 72.0 H Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.										
	Diagnostics	(internals (bias,dark) (81)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs) [==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs) [==>]	[1]	
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	
	7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	

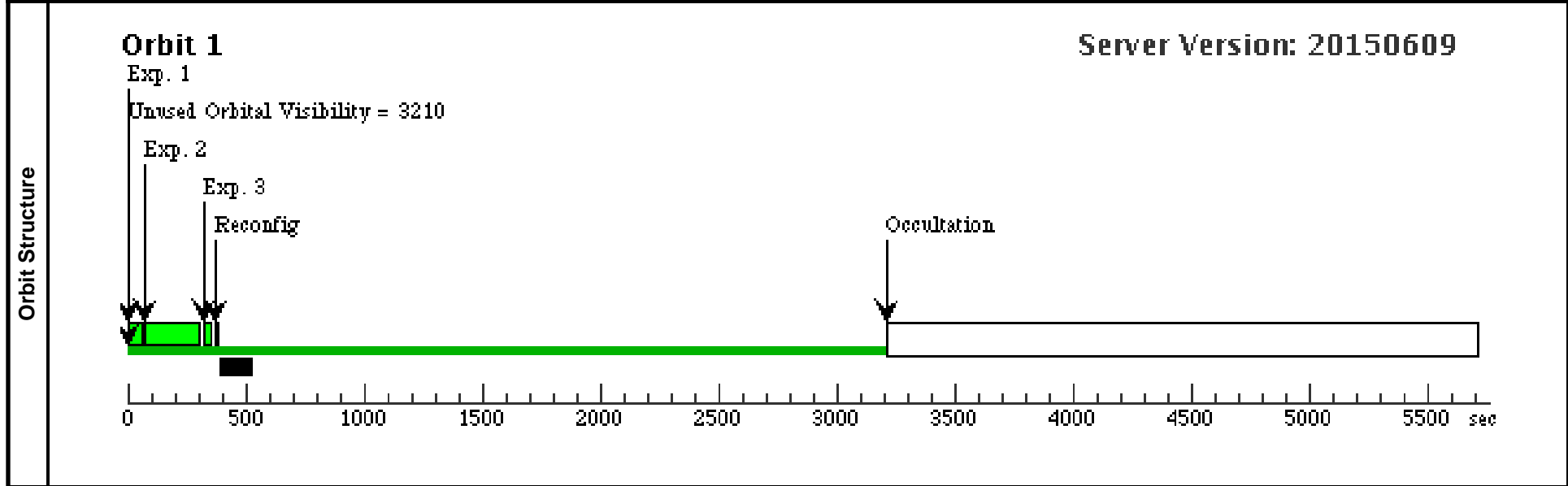


Visit	Proposal 14366, Jul 2016 anneal procedure (82), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609</p> <p>Exp. 1</p> <p>Unused Orbital Visibility = 3210</p> <p style="text-align: center;">Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

Visit	<p>Proposal 14366, bowtie check/fix (83), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(initial check (83.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(neutralizer (83.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(final check (83.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>
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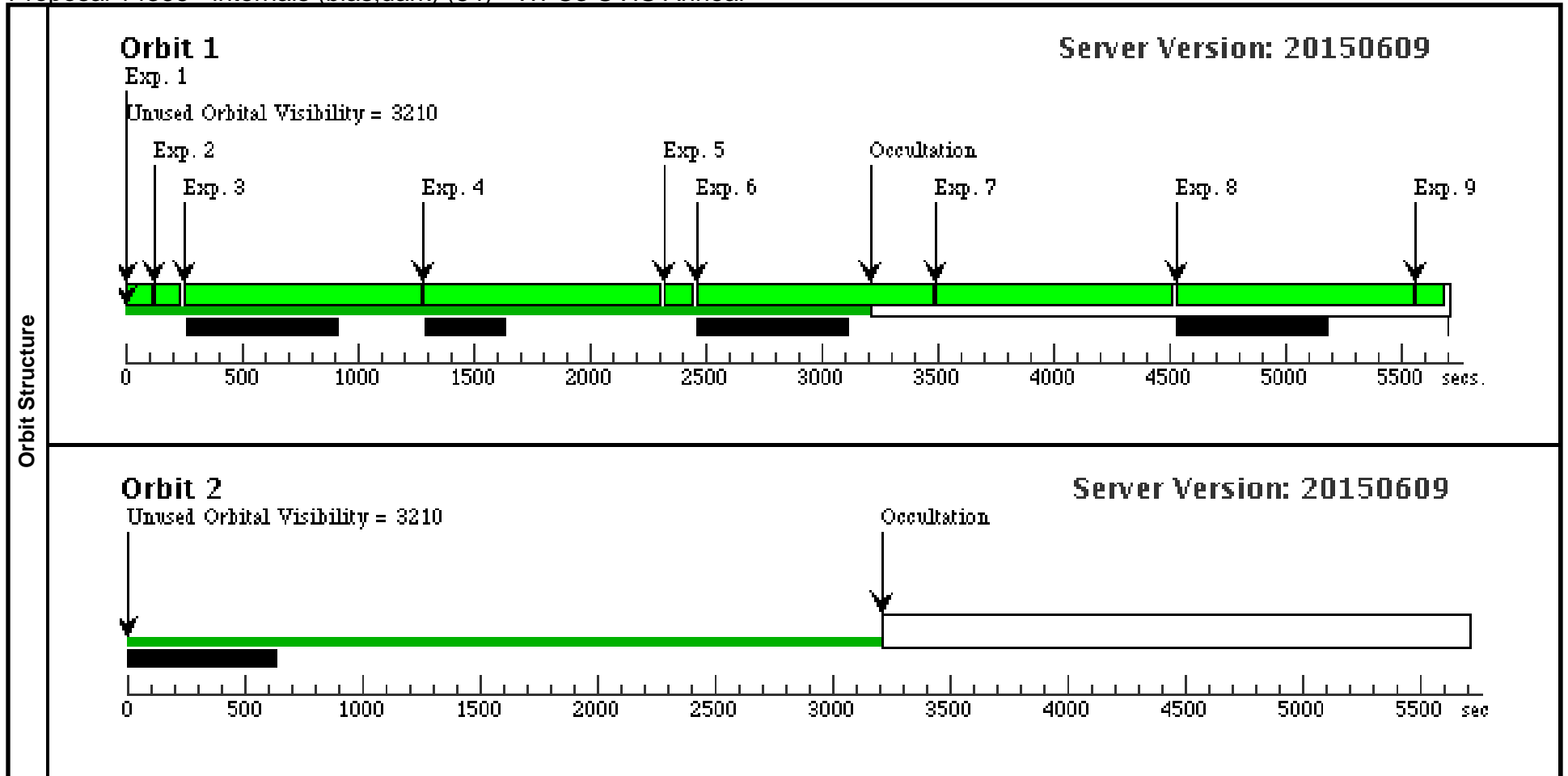
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (83)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (83)	200.0 Secs (200 Secs) [==>]	[1]
3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (83)	1.0 Secs (1 Secs) [==>]	[1]



Proposal 14366 - internals (bias,dark) (84) - WFC3 UVIS Anneal

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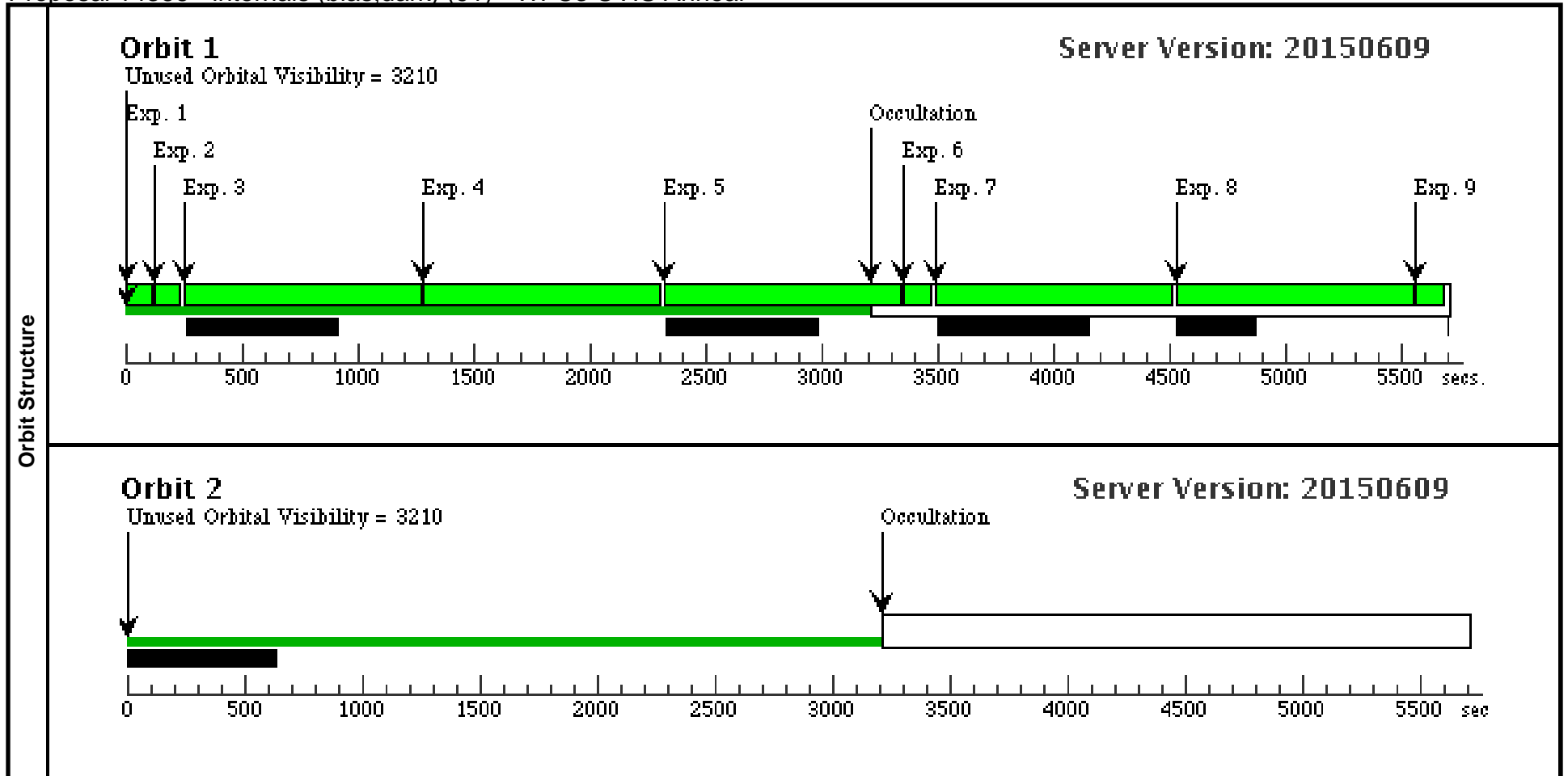
Visit	Proposal 14366, internals (bias,dark) (84), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (84)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (91) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (91), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-AUG-2016:00:00:00 AND 14-AUG-2016:23:59:59; SEQ 91,92,93,94 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (91)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs) [==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs) [==>]	[1]	
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	
	7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	



Visit	Proposal 14366, Aug 2016 anneal procedure (92), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609</p> <p>Exp. 1</p> <p>Unused Orbital Visibility = 3210</p> <p style="text-align: center;">Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

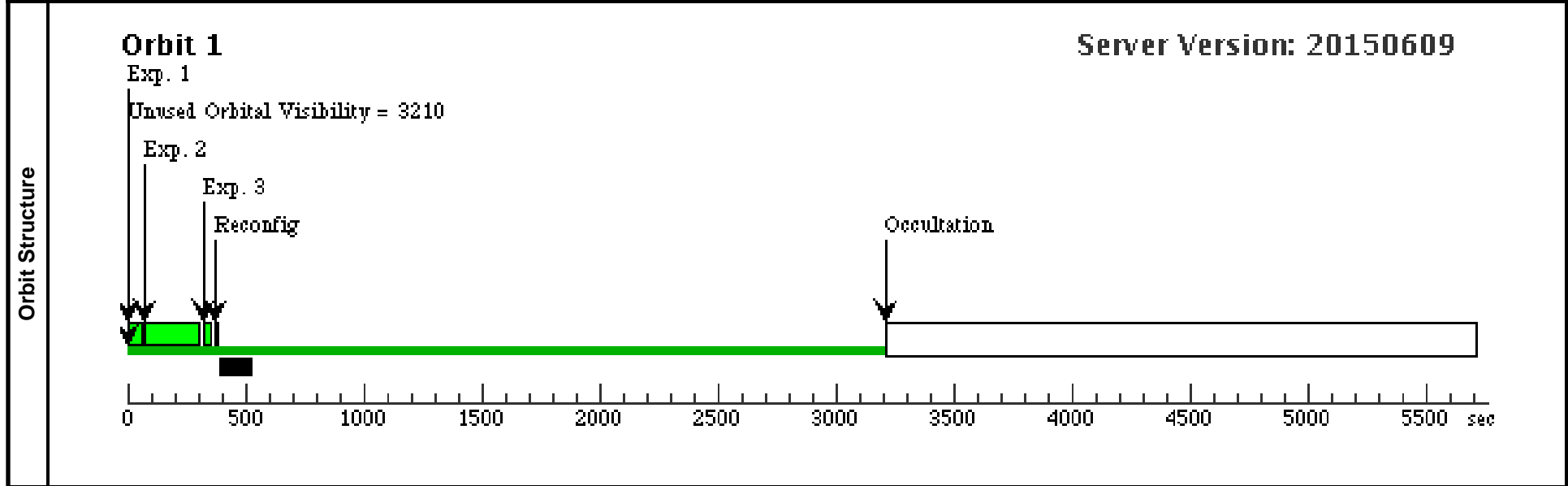
Proposal 14366 - bowtie check/fix (93) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

Visit	<p>Proposal 14366, bowtie check/fix (93), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(initial check (93.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(neutralizer (93.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(final check (93.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>
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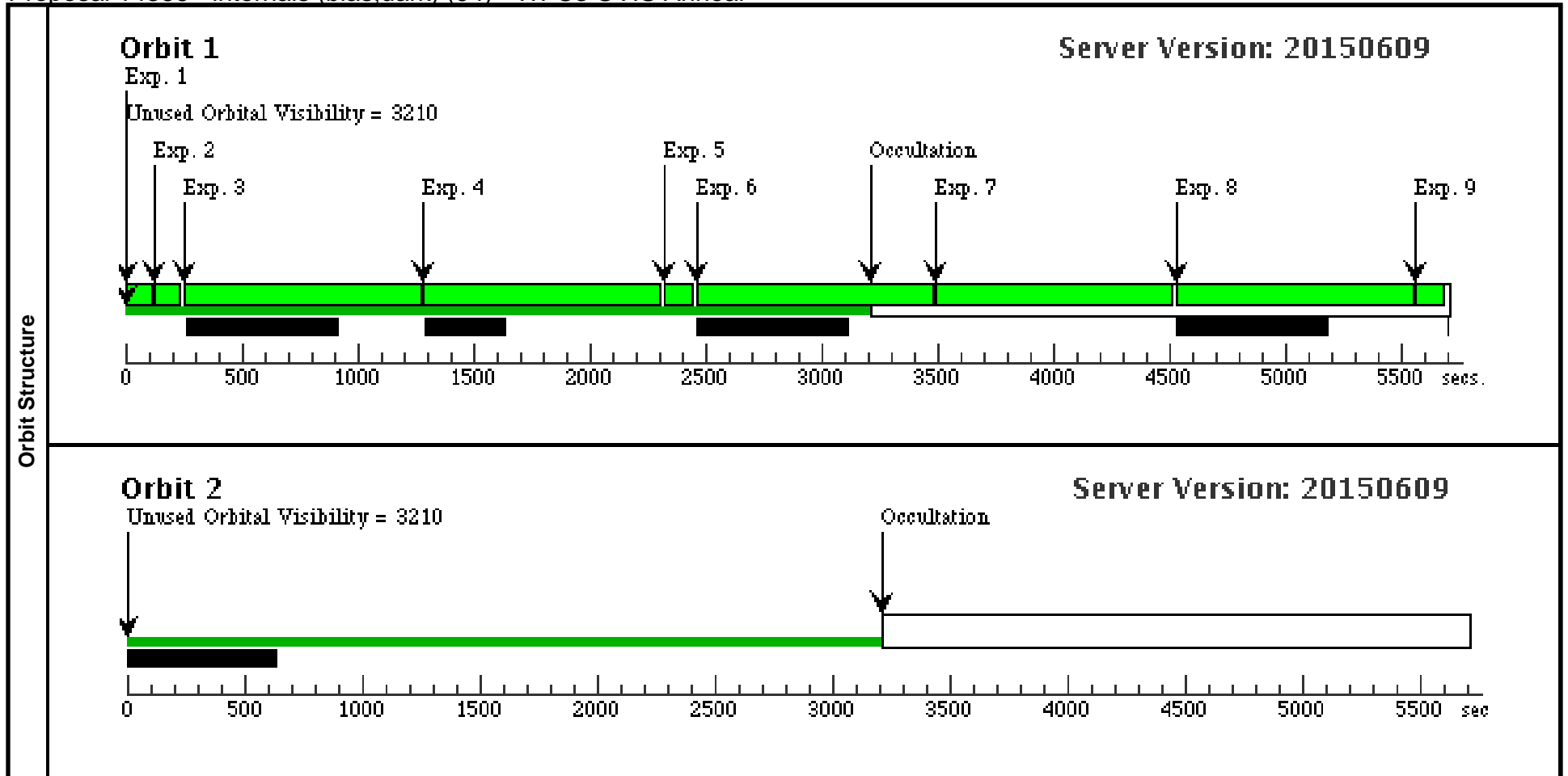
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (93)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (93)	200.0 Secs (200 Secs) [==>]	[1]
3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (93)	1.0 Secs (1 Secs) [==>]	[1]



Proposal 14366 - internals (bias,dark) (94) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

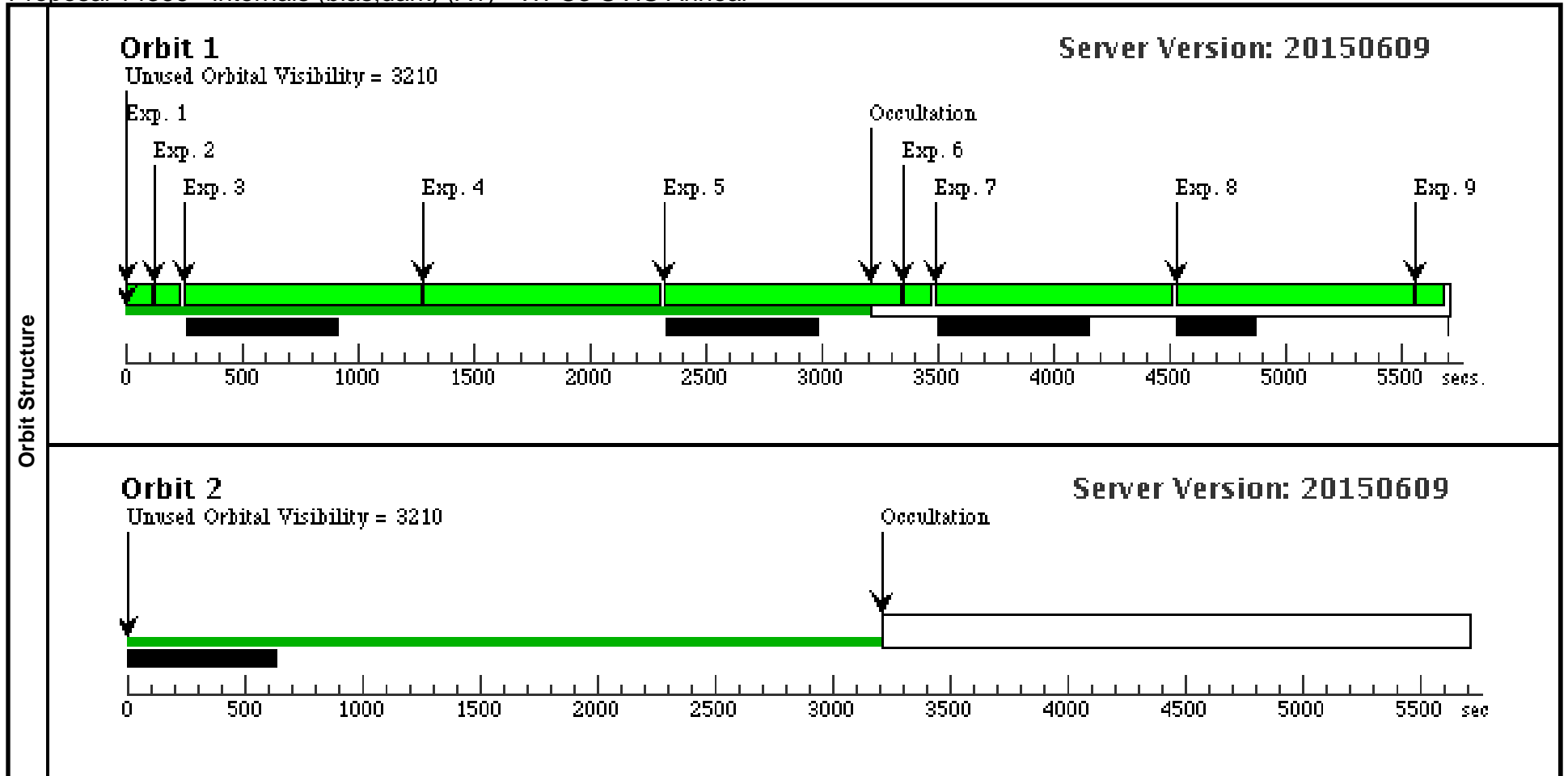
Visit	Proposal 14366, internals (bias,dark) (94), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (94)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (A1) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (A1), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 05-SEP-2016:00:00:00 AND 11-SEP-2016:23:59:59; SEQ A1,A2,A3,A4 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (A1)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs) [==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs) [==>]	[1]	
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	
	7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	



Proposal 14366 - Sep 2016 anneal procedure (A2) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

Visit	Proposal 14366, Sep 2016 anneal procedure (A2), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>										
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD				0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609</p> <p>Exp. 1</p> <p>Unused Orbital Visibility = 3210</p> <p style="text-align: center;">Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>										
	This row is implicitly filled by the diagram content above										

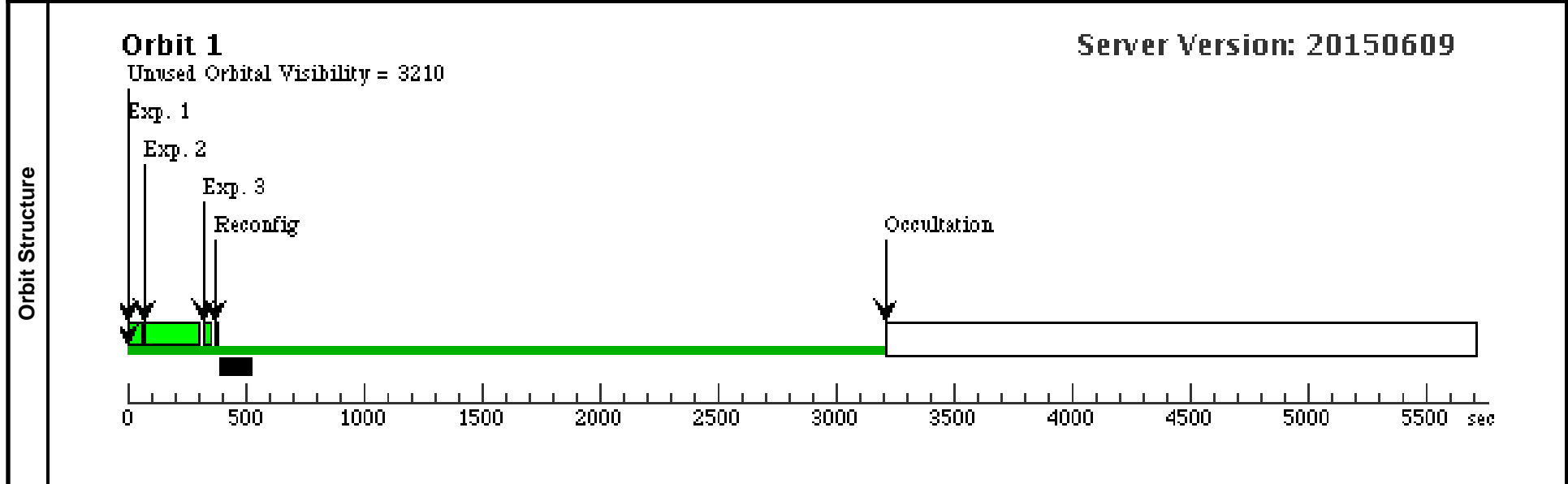
Proposal 14366 - bowtie check/fix (A3) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

Visit	<p>Proposal 14366, bowtie check/fix (A3), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(initial check (A3.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(neutralizer (A3.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(final check (A3.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>
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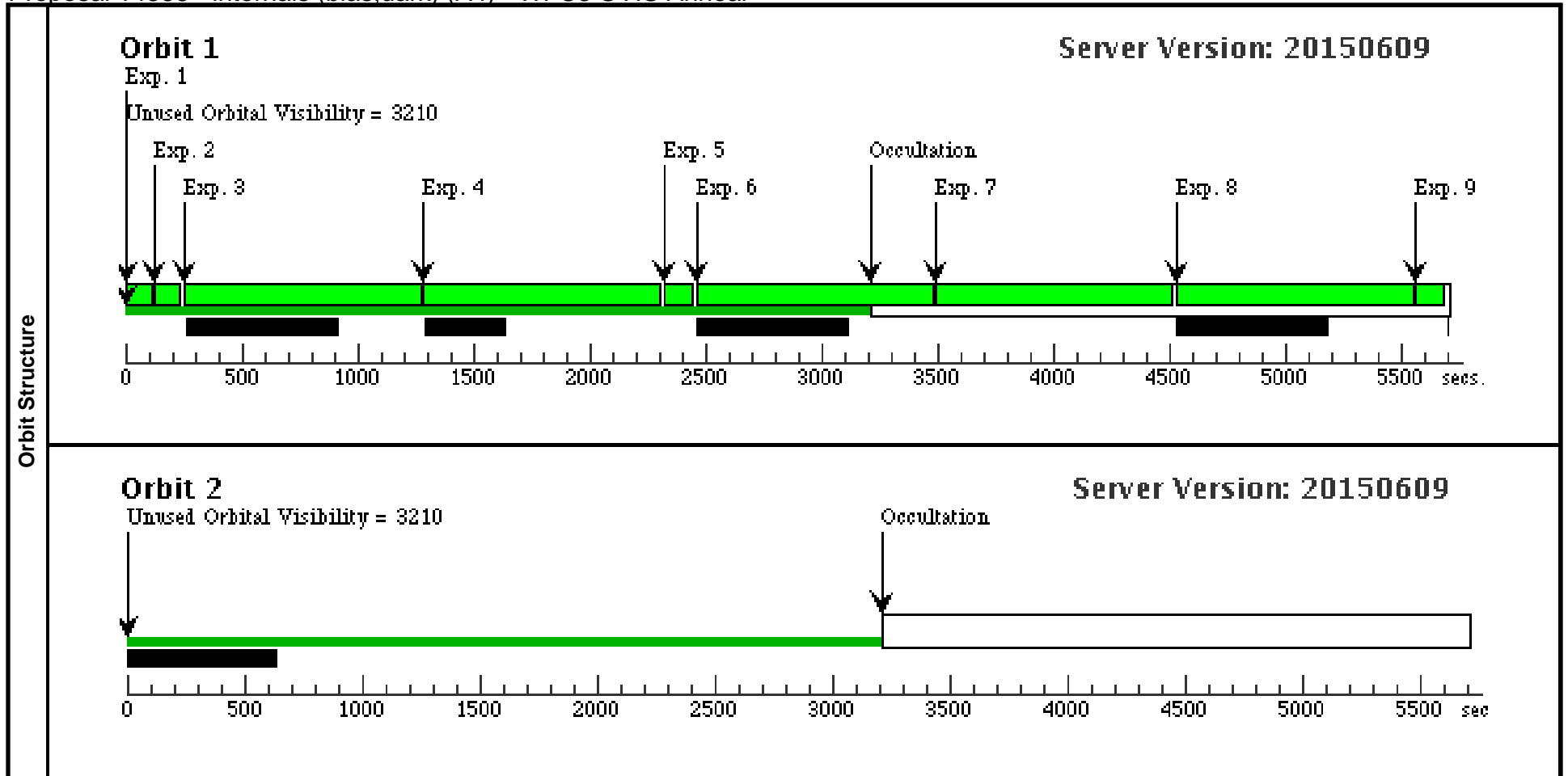
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (A3)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (A3)	200.0 Secs (200 Secs) [==>]	[1]	
3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (A3)	1.0 Secs (1 Secs) [==>]	[1]	



Proposal 14366 - internals (bias,dark) (A4) - WFC3 UVIS Anneal

Wed Oct 14 01:52:55 GMT 2015

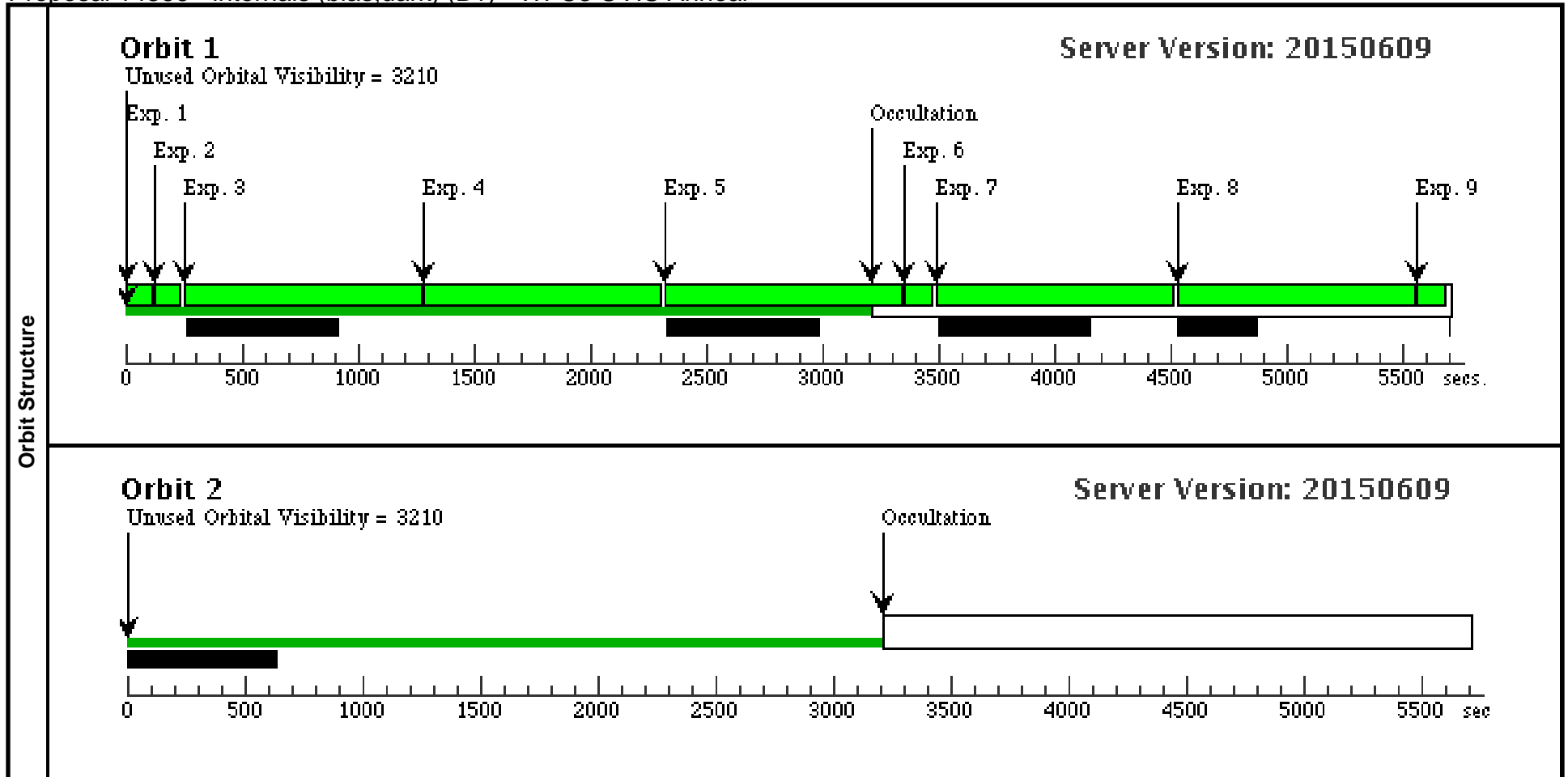
Visit	Proposal 14366, internals (bias,dark) (A4), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (A4)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (B1) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (B1), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 03-OCT-2016:00:00:00 AND 09-OCT-2016:23:59:59; SEQ B1,B2,B3,B4 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (B1)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
									[==>]	[1]	
6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Visit	Proposal 14366, Oct 2016 anneal procedure (B2), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609 Unused Orbital Visibility = 3210</p> <p>The diagram shows a horizontal axis representing time in seconds, ranging from 0 to 5500 with major ticks every 500 seconds. A green horizontal bar starts at 0 seconds and ends at approximately 3200 seconds. An arrow labeled 'Exp. 1' points to the start of this bar at 0 seconds. Another arrow labeled 'Occultation' points to the end of the green bar at approximately 3200 seconds. A white horizontal bar continues from approximately 3200 seconds to 5500 seconds.</p>									

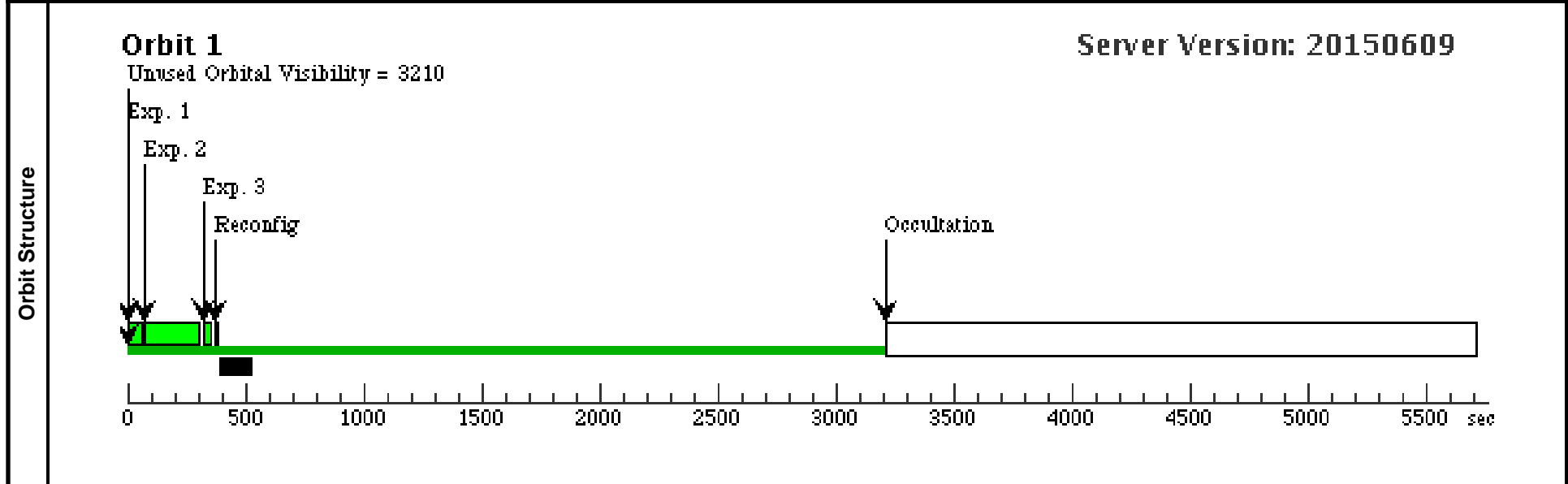
Proposal 14366 - bowtie check/fix (B3) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	<p>Proposal 14366, bowtie check/fix (B3), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(initial check (B3.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(neutralizer (B3.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(final check (B3.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>
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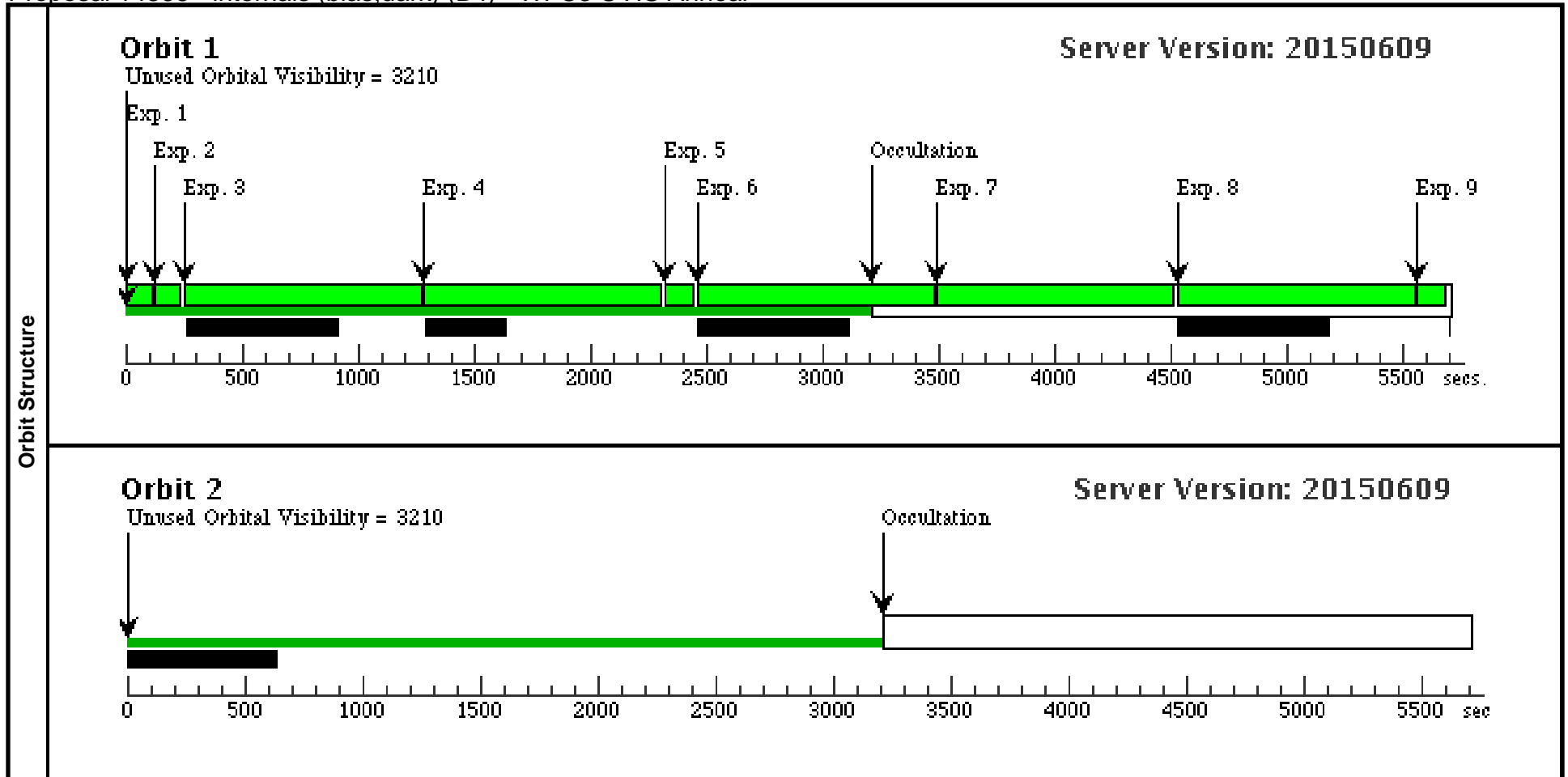
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (B3)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (B3)	200.0 Secs (200 Secs) [==>]	[1]
3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (B3)	1.0 Secs (1 Secs) [==>]	[1]



Proposal 14366 - internals (bias,dark) (B4) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

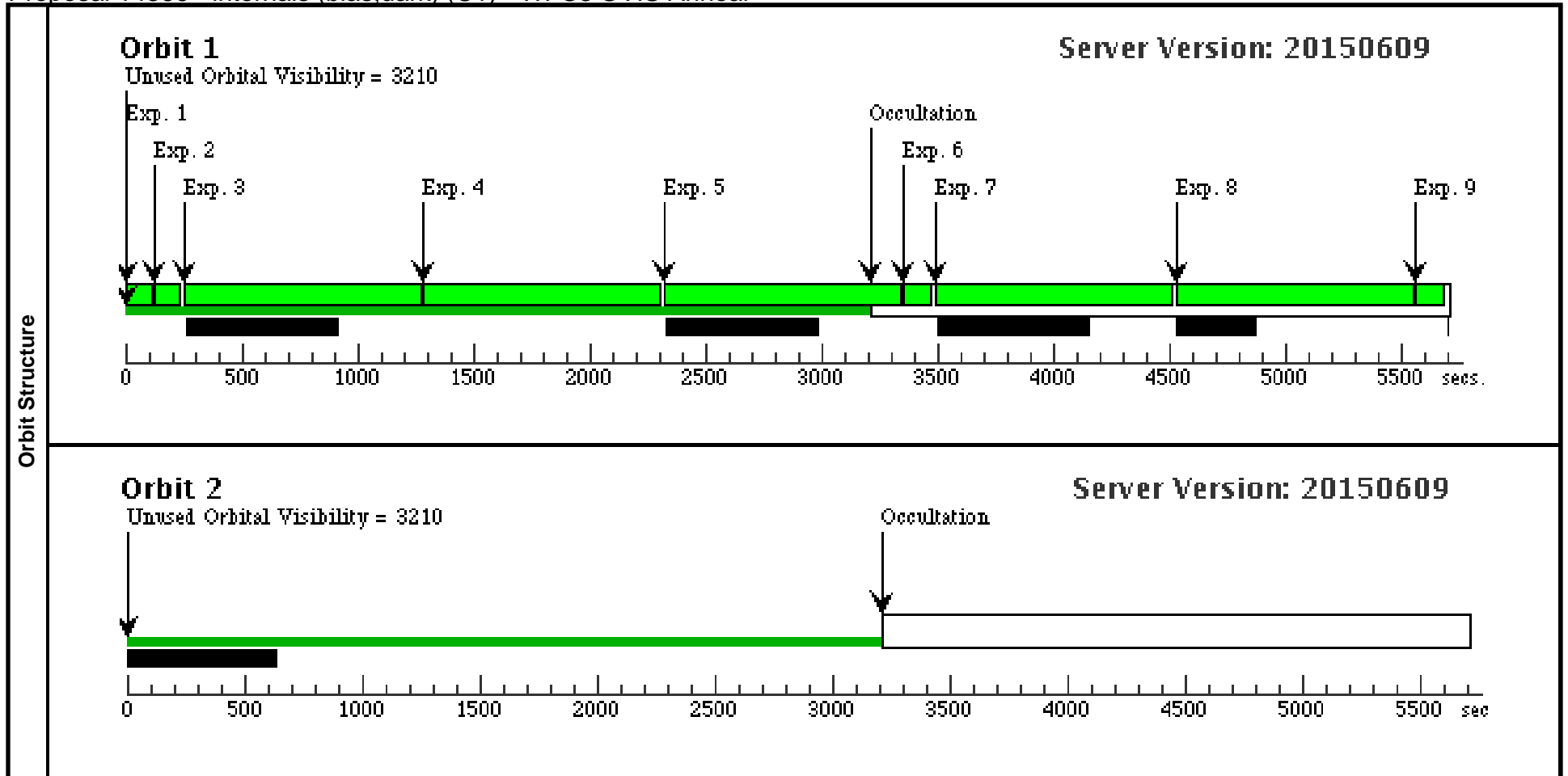
Visit	Proposal 14366, internals (bias,dark) (B4), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (B4)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (C1) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (C1), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 31-OCT-2016:00:00:00 AND 06-NOV-2016:23:59:59; SEQ C1,C2,C3,C4 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (C1)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs) [==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs) [==>]	[1]	
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	
	7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	



Visit	Proposal 14366, Nov 2016 anneal procedure (C2), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	Orbit 1 Unused Orbital Visibility = 3210 Server Version: 20150609									
	<p>The diagram shows a horizontal axis representing time in seconds, ranging from 0 to 5500 with major ticks every 500 seconds. A green horizontal bar starts at 0 seconds and ends at approximately 3210 seconds, representing the exposure duration. An arrow labeled 'Exp. 1' points to the start of this bar at 0 seconds. Another arrow labeled 'Occultation' points to the end of the green bar at approximately 3210 seconds. The area to the right of the green bar, from approximately 3210 to 5500 seconds, is empty, representing unused orbital visibility.</p>									

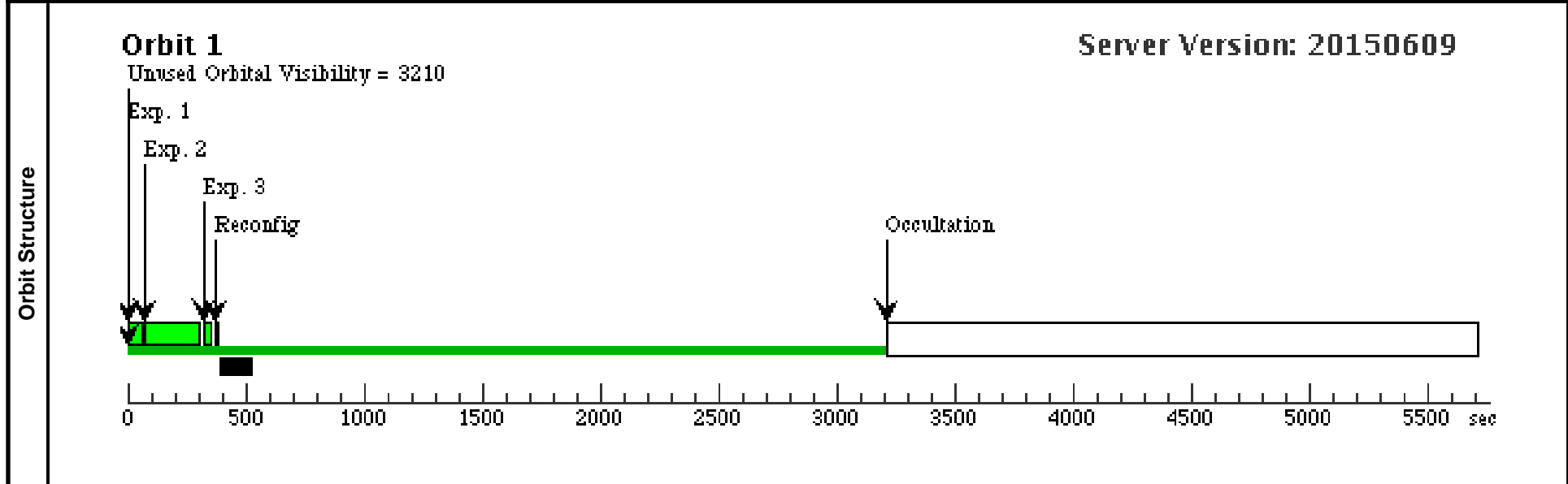
Proposal 14366 - bowtie check/fix (C3) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	<p>Proposal 14366, bowtie check/fix (C3), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(initial check (C3.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(neutralizer (C3.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(final check (C3.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>
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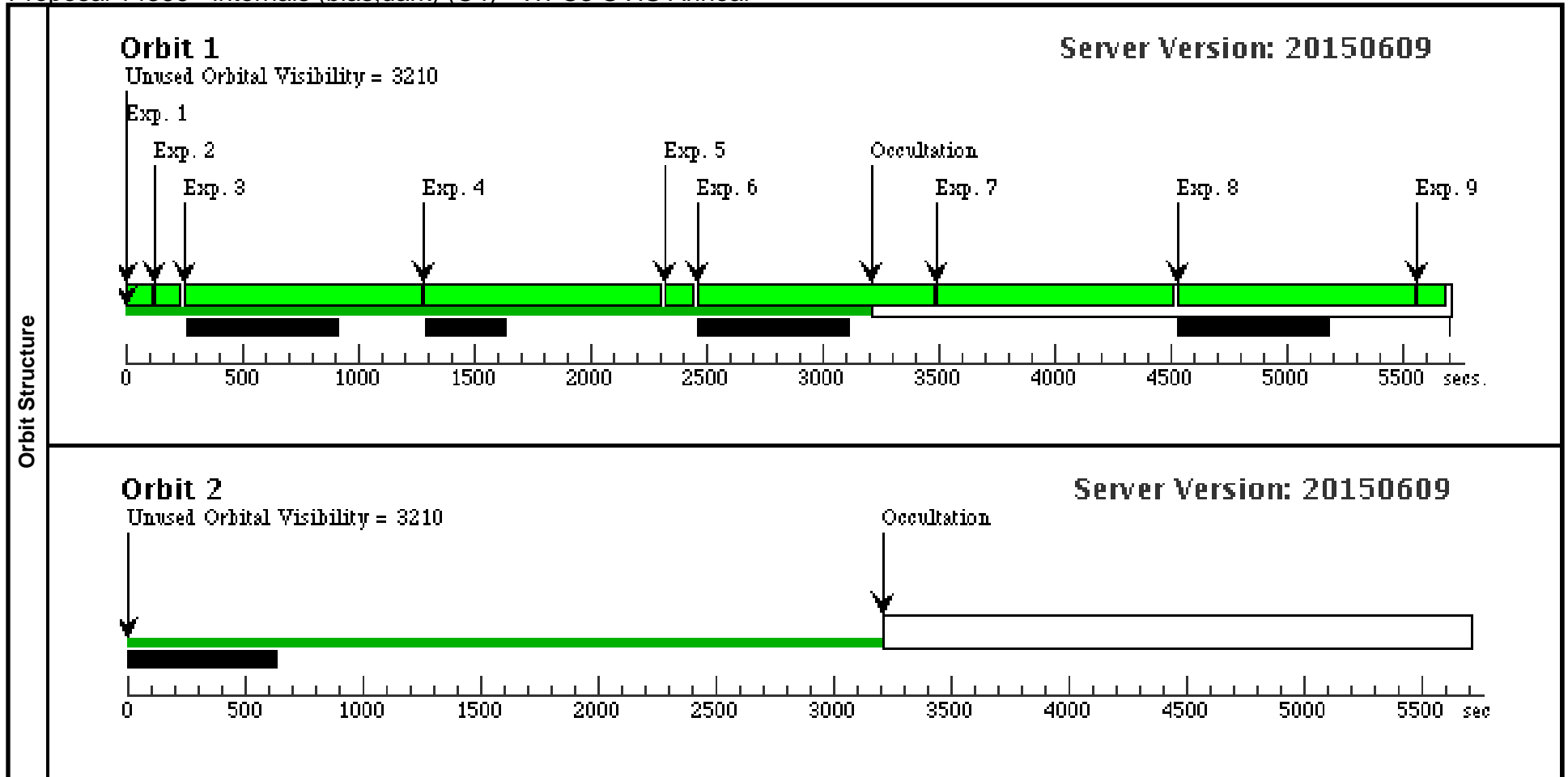
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (C3)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (C3)	200.0 Secs (200 Secs) [==>]	[1]
3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (C3)	1.0 Secs (1 Secs) [==>]	[1]



Proposal 14366 - internals (bias,dark) (C4) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

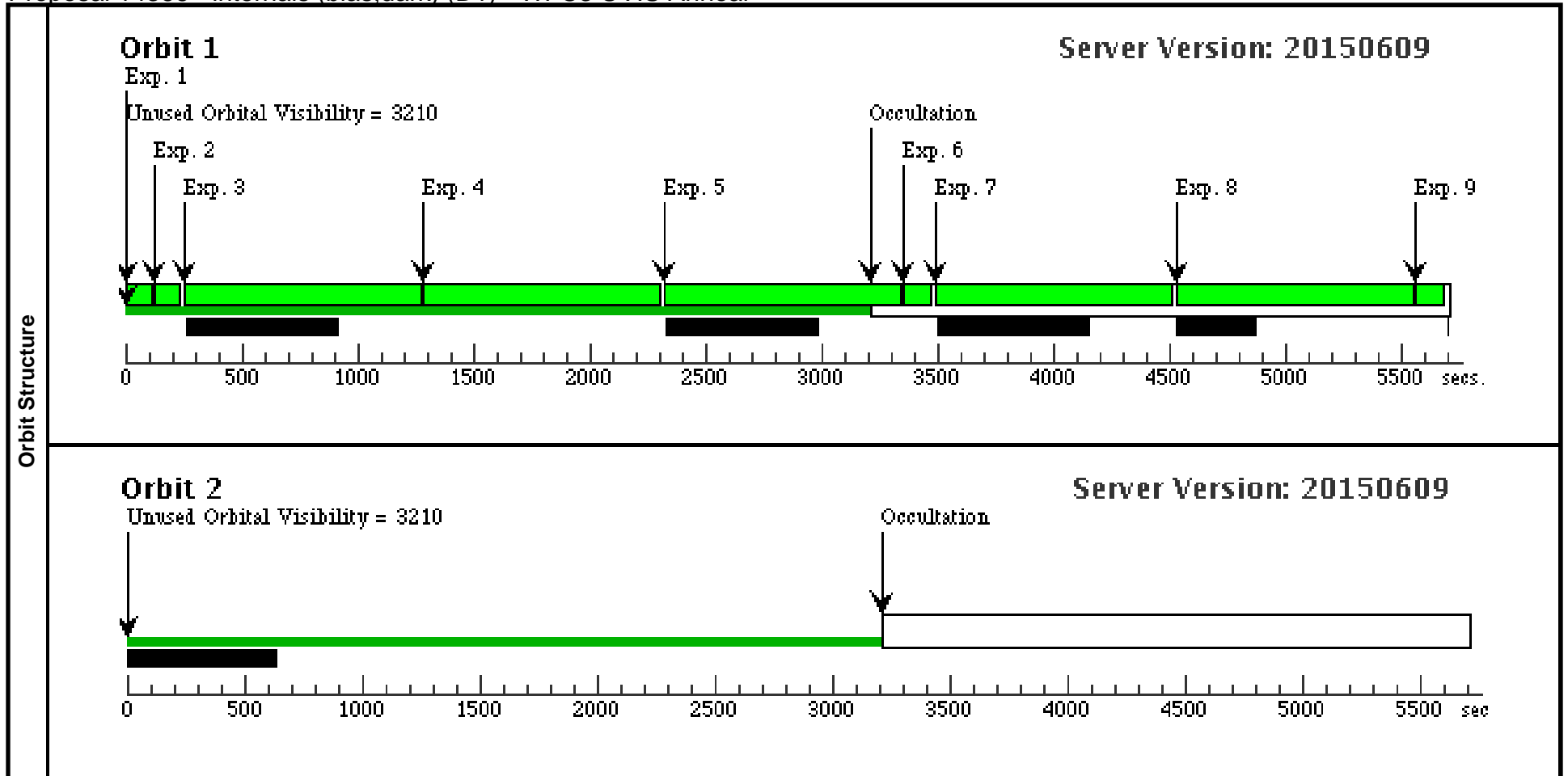
Visit	Proposal 14366, internals (bias,dark) (C4), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (C4)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - internals (bias,dark) (D1) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (D1) Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 02-NOV-2015:00:00:00 AND 08-NOV-2015:23:59:59; SEQ D1,D2,D3,D4 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (D1)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs) [==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs) [==>]	[1]	
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	
	7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]	
	9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]	



Visit	Proposal 14366, Nov 2016, 2nd anneal procedure (D2) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609</p> <p>Exp. 1</p> <p>Unused Orbital Visibility = 3210</p> <p style="text-align: center;">Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

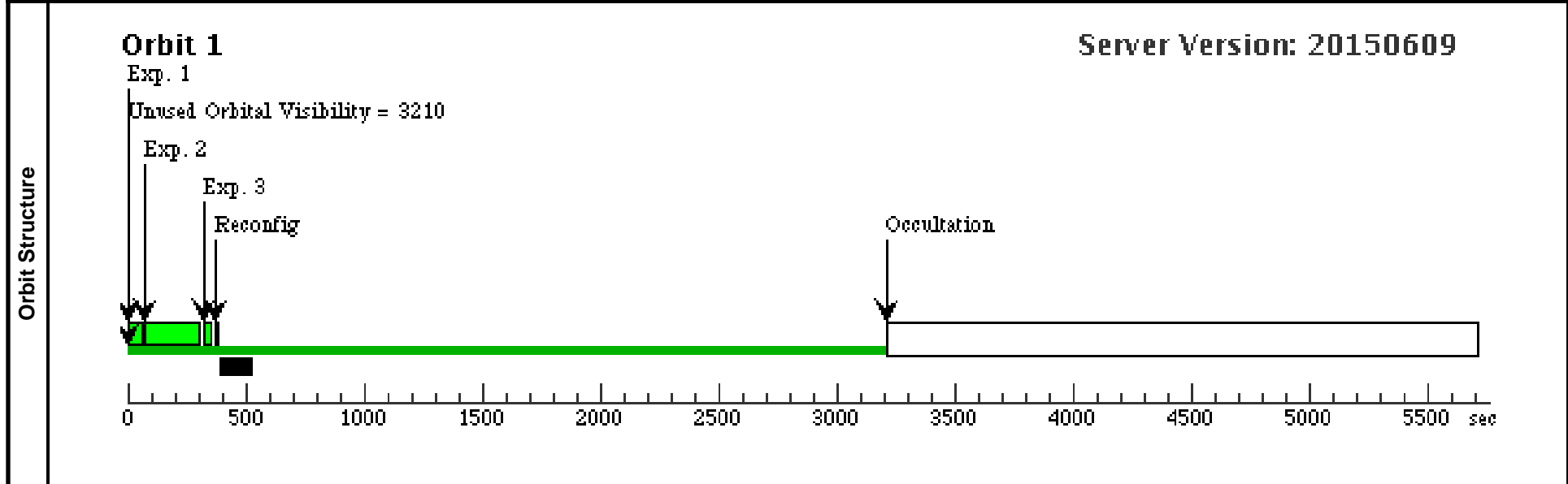
Proposal 14366 - bowtie check/fix (D3) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	<p>Proposal 14366, bowtie check/fix (D3), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(initial check (D3.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(neutralizer (D3.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(final check (D3.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>
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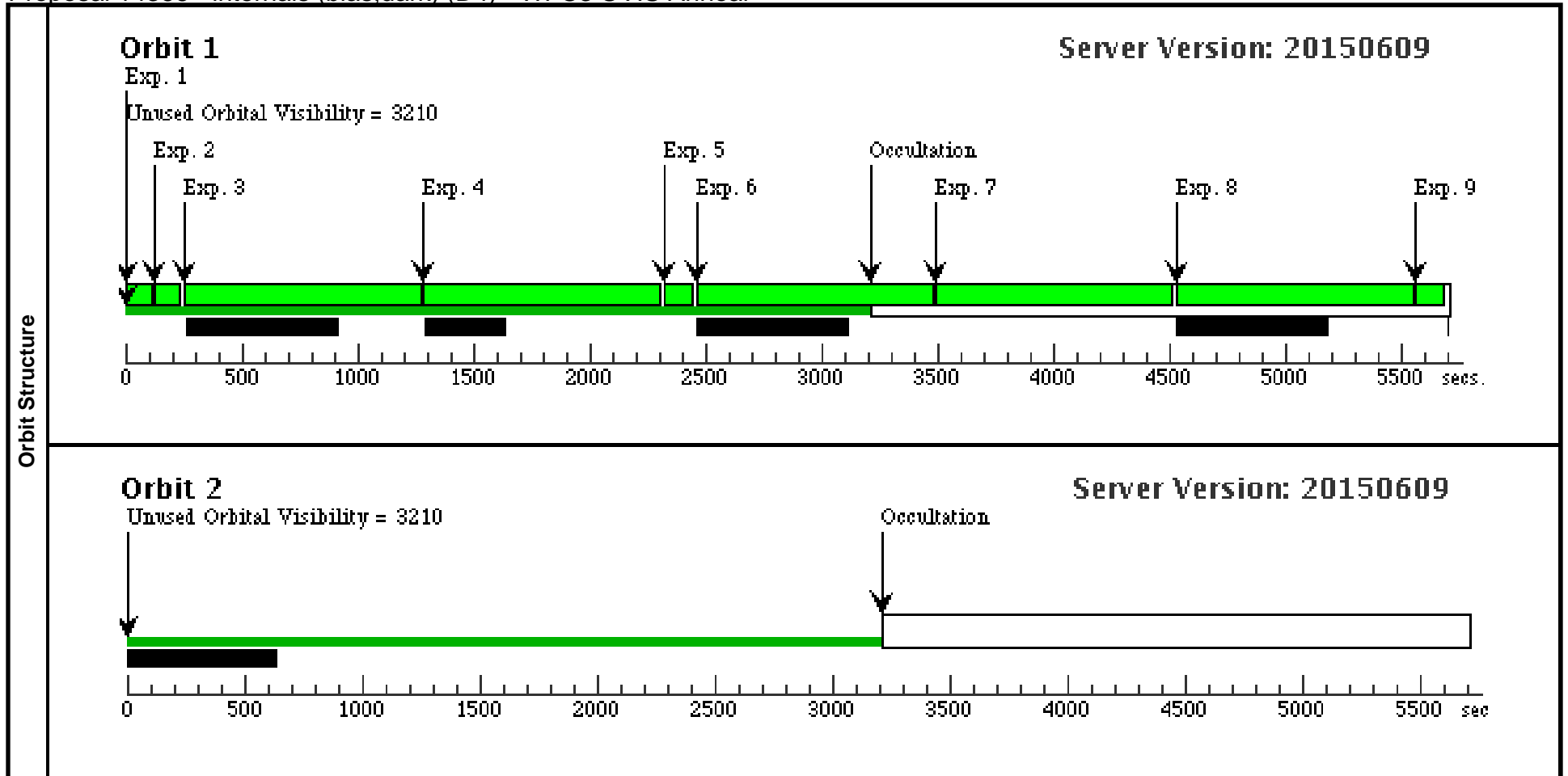
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (D3)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (D3)	200.0 Secs (200 Secs) [==>]	[1]
3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (D3)	1.0 Secs (1 Secs) [==>]	[1]



Proposal 14366 - internals (bias,dark) (D4) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

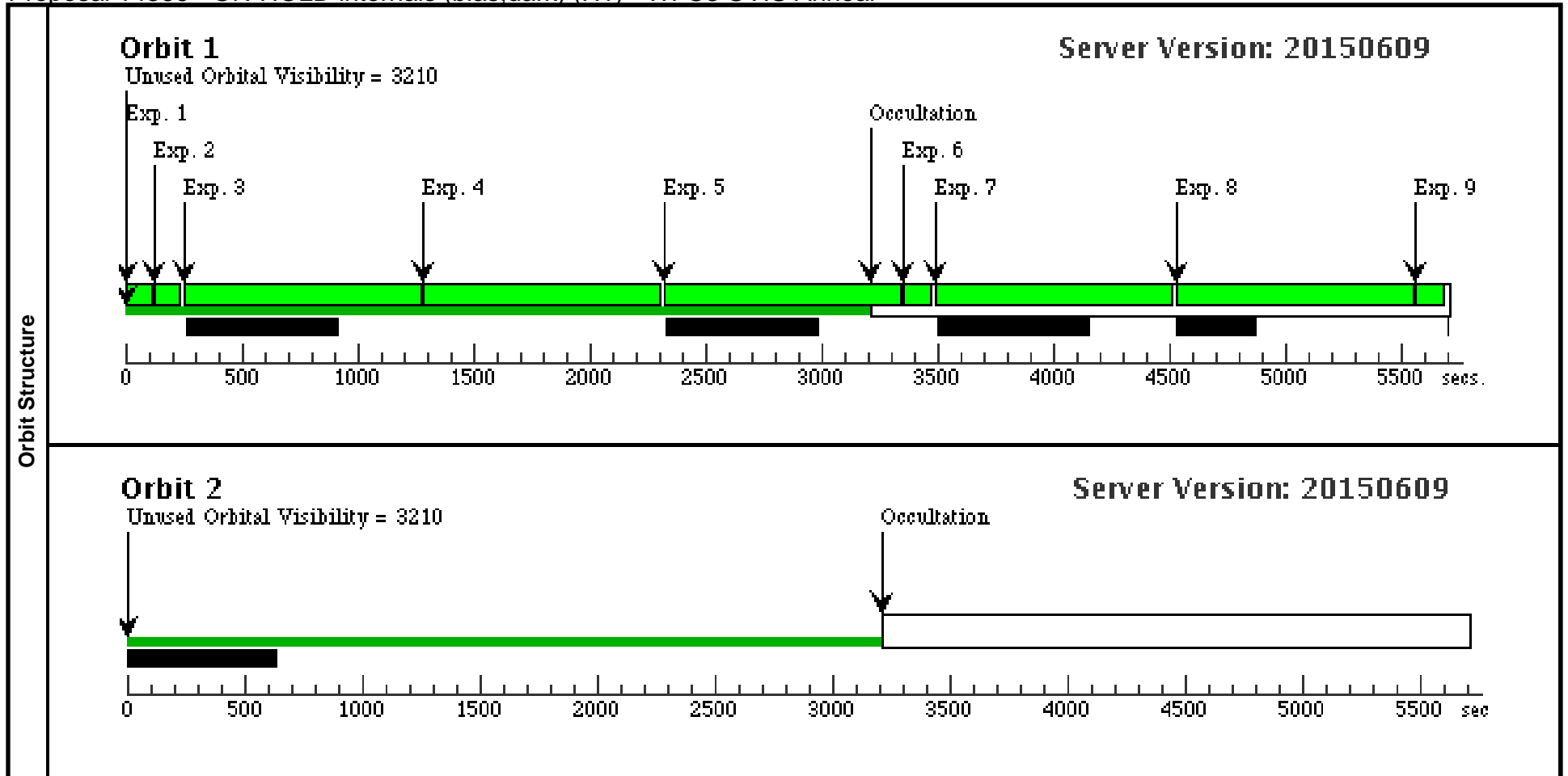
Visit	Proposal 14366, internals (bias,dark) (D4), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (D4)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	



Proposal 14366 - ON-HOLD internals (bias,dark) (H1) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	<p>Proposal 14366, ON-HOLD internals (bias,dark) (H1), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: SEQ H1,H2,H3,H4,H5 WITHIN 72.0 H; ON HOLD</p> <p><i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i></p> <p><i>On Hold Comments: This anneal iteration performs the original procedure which includes a partial warming of the IR detector. If this iteration is required, it will be used instead of one of the currently-active IRTEMP=COLD anneals.</i></p>									
	<p>(ON-HOLD internals (bias,dark) (H1)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU</p>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs) [==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs) [==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]
	6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]
	7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]
	8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs) [==>]	[1]
	9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 14366 - ON-HOLD IR warm anneal (H2) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	Proposal 14366, ON-HOLD IR warm anneal (H2), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=WARM			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609 Unused Orbital Visibility = 3210</p>									
	<p>Exp. 1</p>									

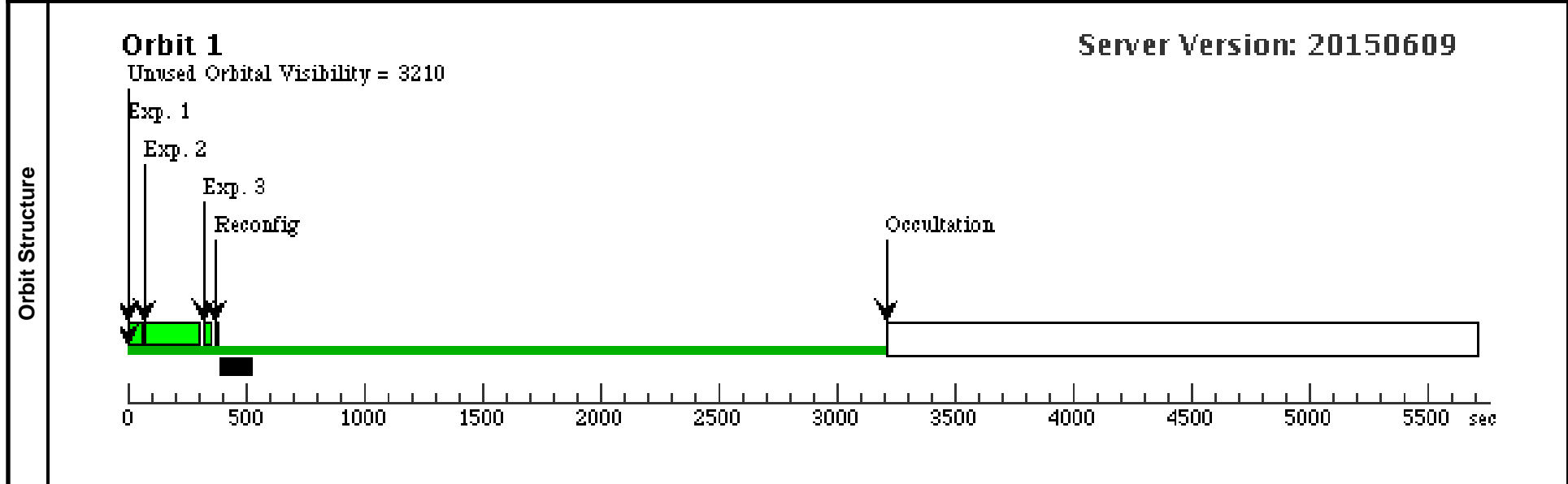
Proposal 14366 - ON-HOLD bowtie check/fix (H3) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	Proposal 14366, ON-HOLD bowtie check/fix (H3), implementation	
	Diagnostic Status: Warning	
	Scientific Instruments: WFC3/UVIS	
	Special Requirements: (none)	

Diagnostics	(initial check (H3.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
	(neutralizer (H3.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
	(final check (H3.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

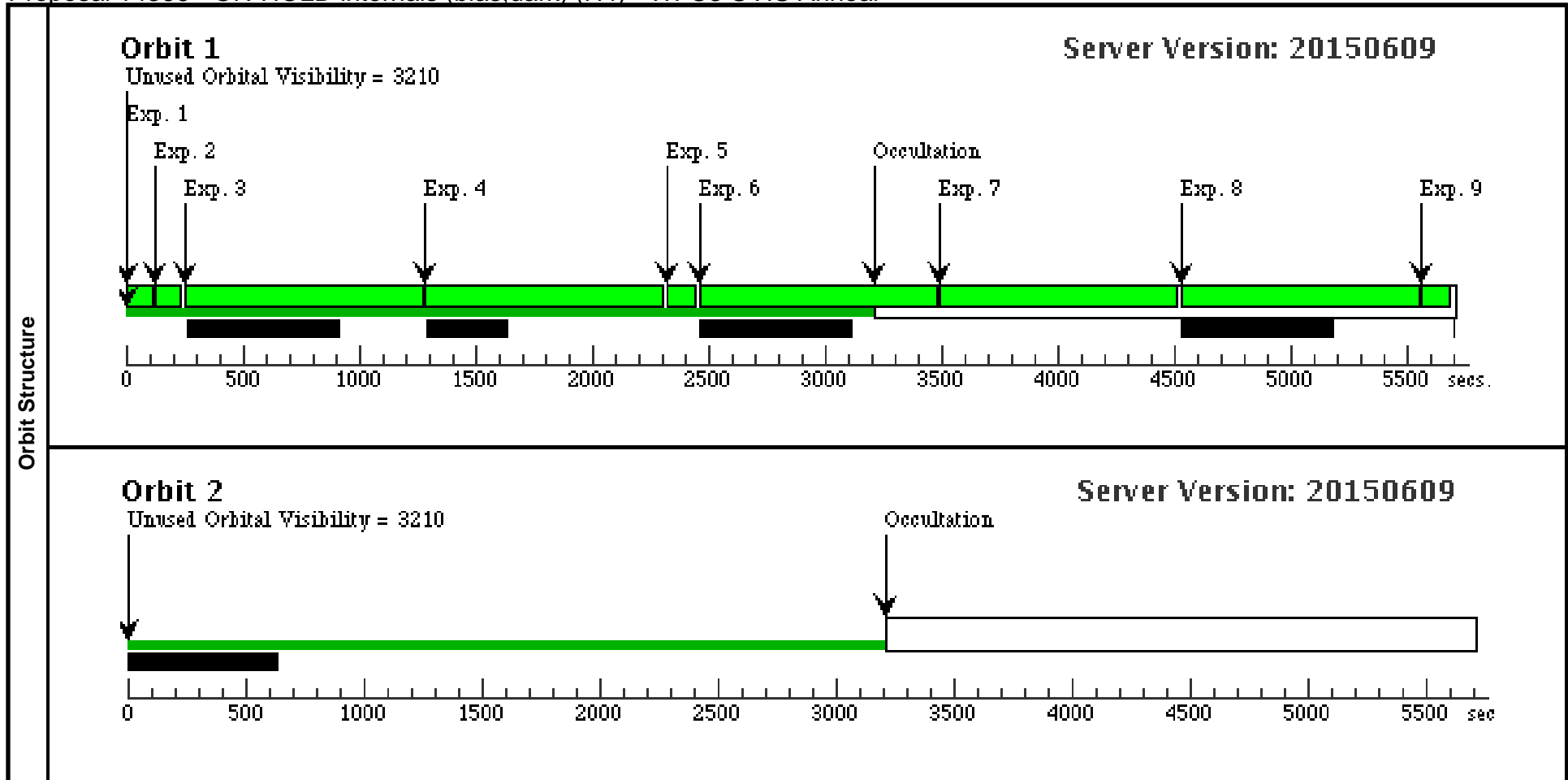
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in ON-HOLD bowtie check/fix (H3)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in ON-HOLD bowtie check/fix (H3)	200.0 Secs (200 Secs) [==>]	[1]
	3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in ON-HOLD bowtie check/fix (H3)	1.0 Secs (1 Secs) [==>]	[1]



Proposal 14366 - ON-HOLD internals (bias,dark) (H4) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	Proposal 14366, ON-HOLD internals (bias,dark) (H4), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(ON-HOLD internals (bias,dark) (H4)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	

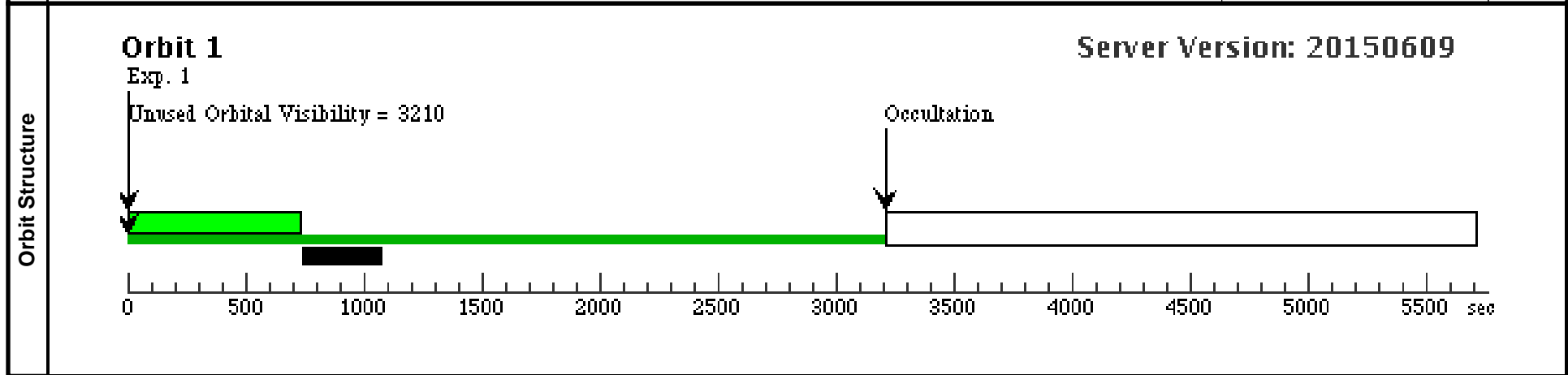


Proposal 14366 - ON-HOLD IR dark (H5) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	Proposal 14366, ON-HOLD IR dark (H5), implementation									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

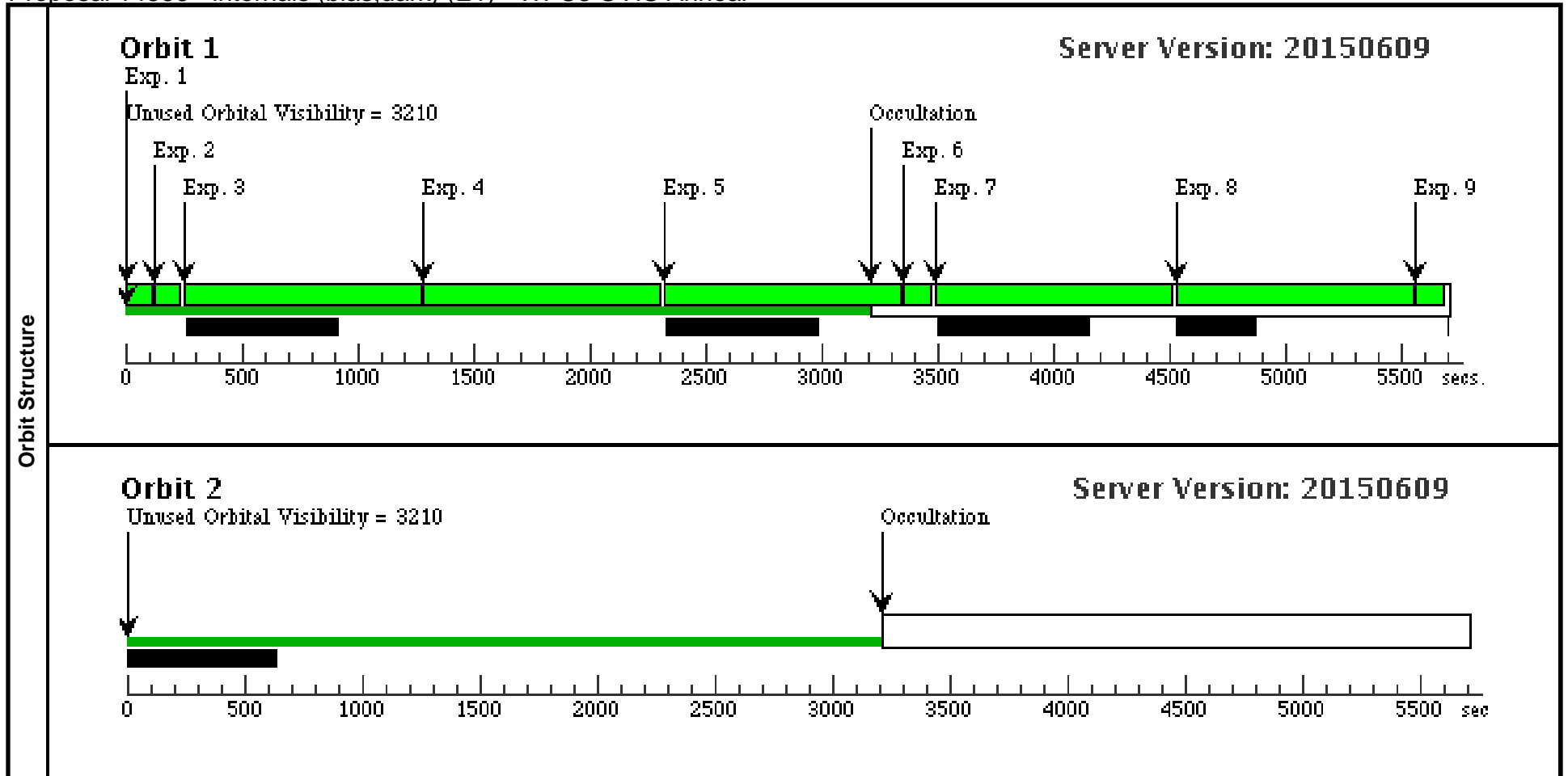
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	IR dark	DARK	WFC3/IR, MULTIACCUM, IR	BLANK	SAMP-SEQ=SPARS 50; NSAMP=15				702.938605 Secs (702.939 Secs) [==>]



Proposal 14366 - internals (bias,dark) (E1) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (E1) Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 30-NOV-2015:00:00:00 AND 06-DEC-2015:23:59:59; SEQ E1,E2,E3,E4 WITHIN 72.0 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>									
	Diagnosics (internals (bias,dark) (E1)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs)	
									[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF				0.0 Secs (0 Secs)	
									[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs)	
									[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs)	
									[==>]	[1]
	5	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs)	
								[==>]	[1]	
6	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs)		
								[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs)		
								[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			900.0 Secs (900 Secs)		
								[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.			0.5 Secs (0.5 Secs)		
								[==>]	[1]	



Visit	Proposal 14366, Nov 2015, 2nd anneal procedure (E2) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20150609 Unused Orbital Visibility = 3210</p>									
	<p>Exp. 1</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

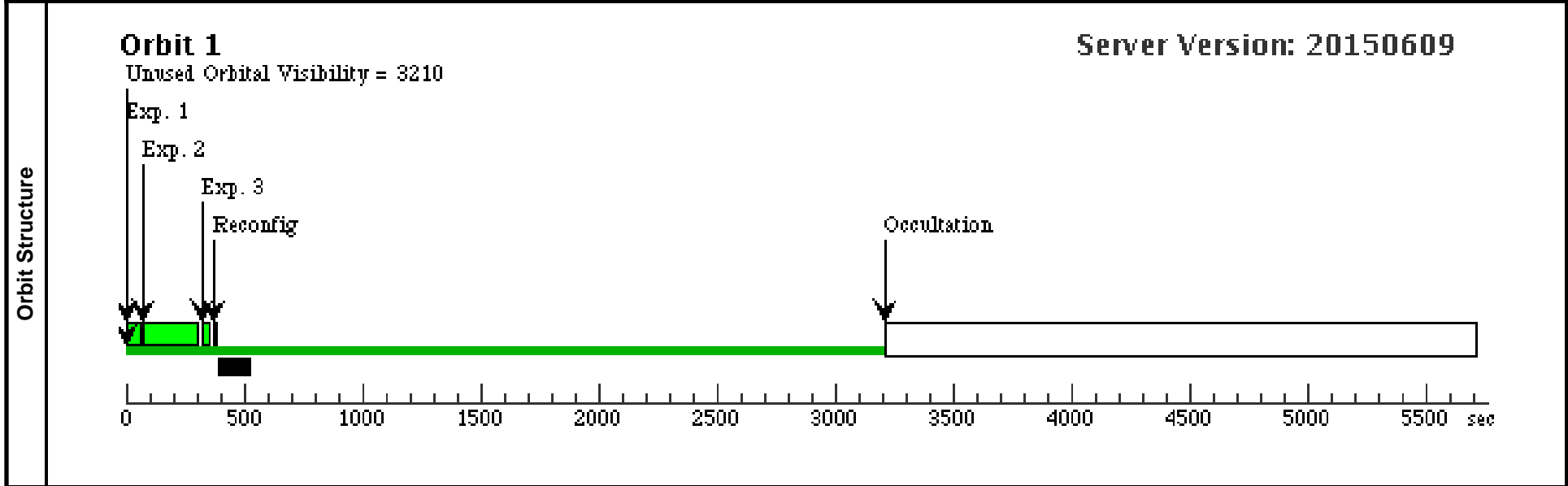
Proposal 14366 - bowtie check/fix (E3) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	<p>Proposal 14366, bowtie check/fix (E3)</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(initial check (E3.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(neutralizer (E3.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p> <p>(final check (E3.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser</p>
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (E3)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (E3)	200.0 Secs (200 Secs) [==>]	[1]	
3	final check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (E3)	1.0 Secs (1 Secs) [==>]	[1]	



Proposal 14366 - internals (bias,dark) (E4) - WFC3 UVIS Anneal

Wed Oct 14 01:52:56 GMT 2015

Visit	Proposal 14366, internals (bias,dark) (E4) Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (E4)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	2	Bias - no PF	BIAS	WFC3/UVIS, ACCUM, UVIS	DEF					0.0 Secs (0 Secs)	
										[==>]	[1]
	3	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	4	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)	
										[==>]	[1]
	5	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)	
									[==>]	[1]	
6	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
7	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
8	Dark	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				900.0 Secs (900 Secs)		
									[==>]	[1]	
9	Bias - PF	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASH=12.				0.5 Secs (0.5 Secs)		
									[==>]	[1]	

