



## 13554 - WFC3 UVIS Anneal

Cycle: 21, 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>
01	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:57:51.0	yes
02	NONE	WFC3	1	23-Sep-2013 21:57:56.0	yes
03	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 21:57:59.0	yes
04	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:58:08.0	yes
11	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:58:17.0	yes
12	NONE	WFC3	1	23-Sep-2013 21:58:20.0	yes
13	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 21:58:23.0	yes
14	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:58:31.0	yes

Proposal 13554 (STScI Edit Number: 2, Created: Monday, September 23, 2013 9:03:19 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>
21	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:58:40.0	yes
22	NONE	WFC3	1	23-Sep-2013 21:58:44.0	yes
23	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 21:58:46.0	yes
24	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:58:54.0	yes
31	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:59:03.0	yes
32	NONE	WFC3	1	23-Sep-2013 21:59:06.0	yes
33	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 21:59:08.0	yes
34	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:59:15.0	yes
41	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:59:24.0	yes
42	NONE	WFC3	1	23-Sep-2013 21:59:27.0	yes
43	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 21:59:30.0	yes
44	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:59:37.0	yes
51	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:59:45.0	yes
52	NONE	WFC3	1	23-Sep-2013 21:59:48.0	yes
53	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 21:59:51.0	yes
54	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 21:59:58.0	yes
61	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:00:06.0	yes
62	NONE	WFC3	1	23-Sep-2013 22:00:09.0	yes
63	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 22:00:12.0	yes

Proposal 13554 (STScI Edit Number: 2, Created: Monday, September 23, 2013 9:03:19 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>
64	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:00:19.0	yes
71	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:00:27.0	yes
72	NONE	WFC3	1	23-Sep-2013 22:00:30.0	yes
73	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 22:00:32.0	yes
74	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:00:39.0	yes
81	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:00:47.0	yes
82	NONE	WFC3	1	23-Sep-2013 22:00:50.0	yes
83	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 22:00:53.0	yes
84	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:01:00.0	yes
91	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:01:08.0	yes
92	NONE	WFC3	1	23-Sep-2013 22:01:11.0	yes
93	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 22:01:13.0	yes
94	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:01:20.0	yes
A1	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:01:29.0	yes
A2	NONE	WFC3	1	23-Sep-2013 22:01:32.0	yes
A3	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 22:01:35.0	yes
A4	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:01:42.0	yes
B1	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:01:50.0	yes
B2	NONE	WFC3	1	23-Sep-2013 22:01:53.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
B3	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 22:01:55.0	yes
B4	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:02:02.0	yes
C1	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:02:11.0	yes
C2	NONE	WFC3	1	23-Sep-2013 22:02:13.0	yes
C3	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 22:02:16.0	yes
C4	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:02:23.0	yes
D1	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:02:31.0	yes
D2	NONE	WFC3	1	23-Sep-2013 22:02:34.0	yes
D3	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 22:02:37.0	yes
D4	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:02:43.0	yes
H1	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:02:52.0	yes
H2	NONE	WFC3	1	23-Sep-2013 22:02:55.0	yes
H3	TUNGSTEN	WFC3/UVIS	1	23-Sep-2013 22:02:57.0	yes
H4	BIAS DARK	WFC3/UVIS	2	23-Sep-2013 22:03:04.0	yes
H5	DARK	WFC3/IR	1	23-Sep-2013 22:03:07.0	yes

91 Total Orbits Used

### **ABSTRACT**

New hot pixels are continuously generated in the WFC3 devices due to the on-orbit radiation environment. A large fraction of these hot pixels can be restored to normal levels by warming the detectors up to ~20C during a procedure called an anneal. During the anneal, the two-stage thermo-electric cooler (TEC) is turned off and the four-stage TEC is used as a heater to warm the detectors. To monitor the efficacy of the process, UVIS darks and biases are acquired before and after each anneal. These data allow for an assessment of the hot pixel levels 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. In addition, after each anneal, a short visit with UVIS internal flatfields provides hysteresis prevention.

### **OBSERVING DESCRIPTION**

The anneal procedure is performed every 28 days, a cadence which optimally interleaves the WFC3 procedure with other routine activities on other HST instruments. A set of unbinned UVIS bias and dark full-frames are acquired immediately before and after each anneal, to allow for an assessment of the state of the instrument. The darks are post-flashed in order to reduce the effects of CTE losses (charge trailing from hot pixels and cosmic rays). Two of the biases are post-flashed, done as 0.5 sec darks since post-flashed biases are not allowed. Two un-flashed biases are acquired to provide a readnoise measurement for comparison to results from previous cycles. A bowtie visit is obtained (a set of 3 internal UVIS subarray flatfields, SEQ NON-INT) immediately after the anneal in order to check for and neutralize any hysteresis. A SEQ-WITHIN requirement is used to ensure that all visits from a given anneal iteration execute in the desired order.

All active anneal iterations (visits 01-04, 11-14, 21-24, ... D1-D4) are performed keeping the IR detector cold (IRTEMP=COLD). One on-hold iteration (visits H1-H5) has been set up to perform the original anneal procedure commanding which includes a partial warming of the IR detector (IRTEMP=WARM) and includes one IR dark after the procedure. In the event the on-hold anneal visit should be required during Cycle 21, it will be used in place of one of the IRTEMP=COLD anneals.

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.

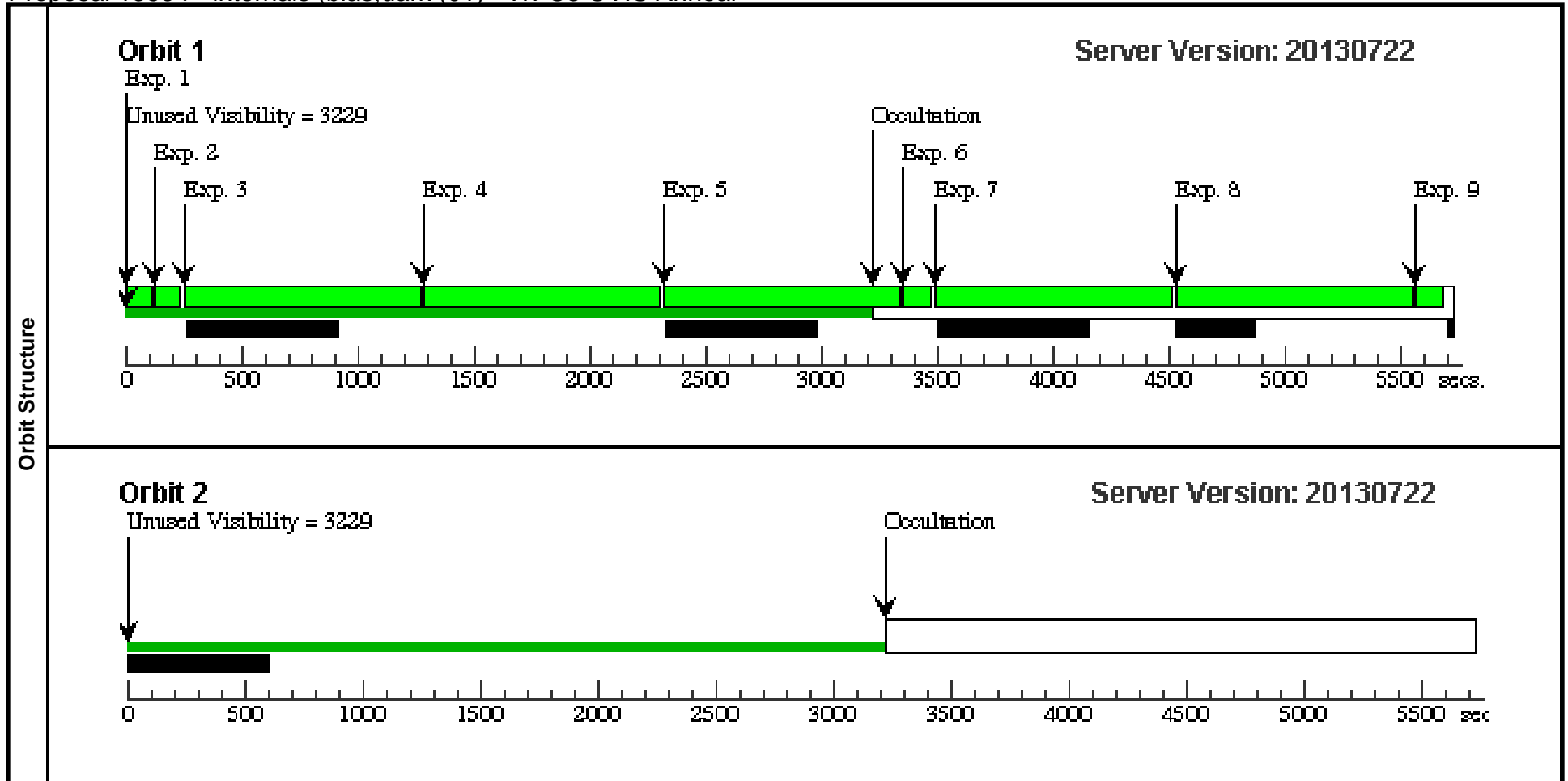
### **CALIBRATION JUSTIFICATION**

The internals will be compared to images taken during previous iterations. The hot pixel changes, readnoise, and dark current will be evaluated and results routinely reported. The bowtie monitor visit after each anneal serves as a bowtie check and neutralizer; results from this visit are evaluated in conjunction with the equivalent images from the standard bowtie monitor (proposal 13555 in Cycle 21). Bias and dark data will be combined with that from other proposals (e.g., 13556-13558) to generate superbias and superdark reference files for the calibration pipeline.

Proposal 13554 - internals (bias,dark (01)) - WFC3 UVIS Anneal

Tue Sep 24 02:03:20 GMT 2013

<b>Visit</b>	<b>Proposal 13554, internals (bias,dark (01)), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 04-NOV-2013:00:00:00 AND 10-NOV-2013:23:59:59; SEQ 01,02,03,04 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>									
	<b>Diagnosics</b> (internals (bias,dark (01))) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	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]



<b>Visit</b>	Proposal 13554, Nov 2013 anneal procedure (02), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>										
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD				0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span>                  Unused Visibility = 3229</p>										
	<p>Timeline details: The x-axis represents 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. Another arrow labeled 'Occultation' points to the end of the green bar. The area between 3200 and 5500 seconds is empty, indicating no data or exposure during this period.</p>										

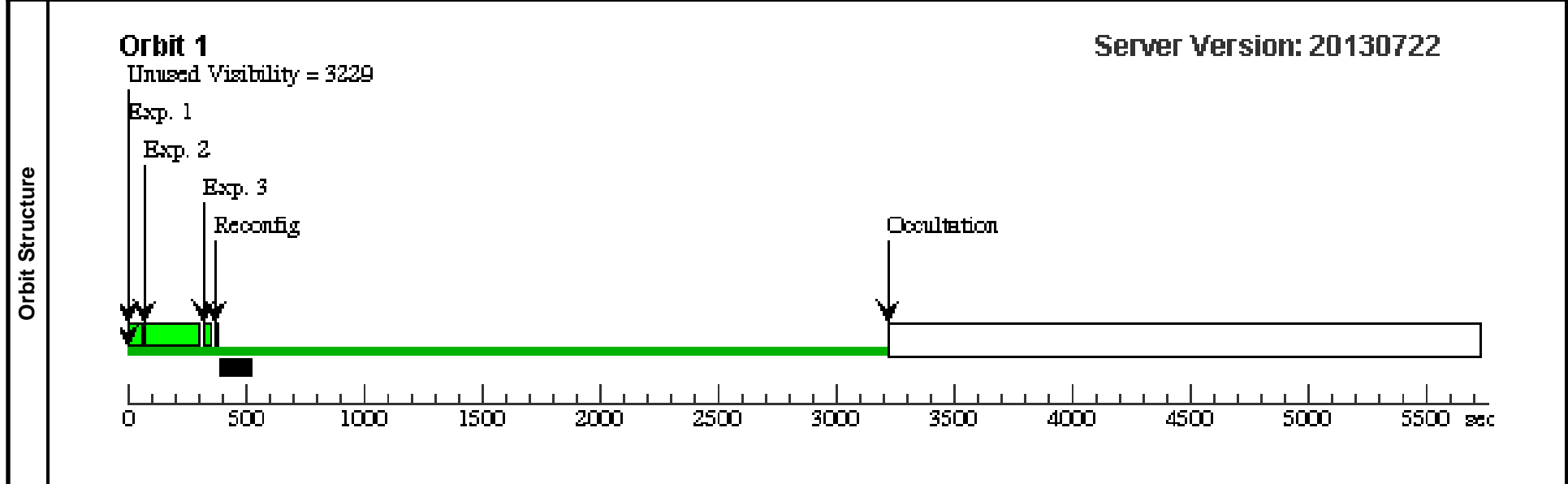


Proposal 13554 - bowtie check/fix (03) - WFC3 UVIS Anneal

Tue Sep 24 02:03:23 GMT 2013

<b>Visit</b>	Proposal 13554, bowtie check/fix (03), implementation								
	Diagnostic Status: No Diagnostics								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: (none)								

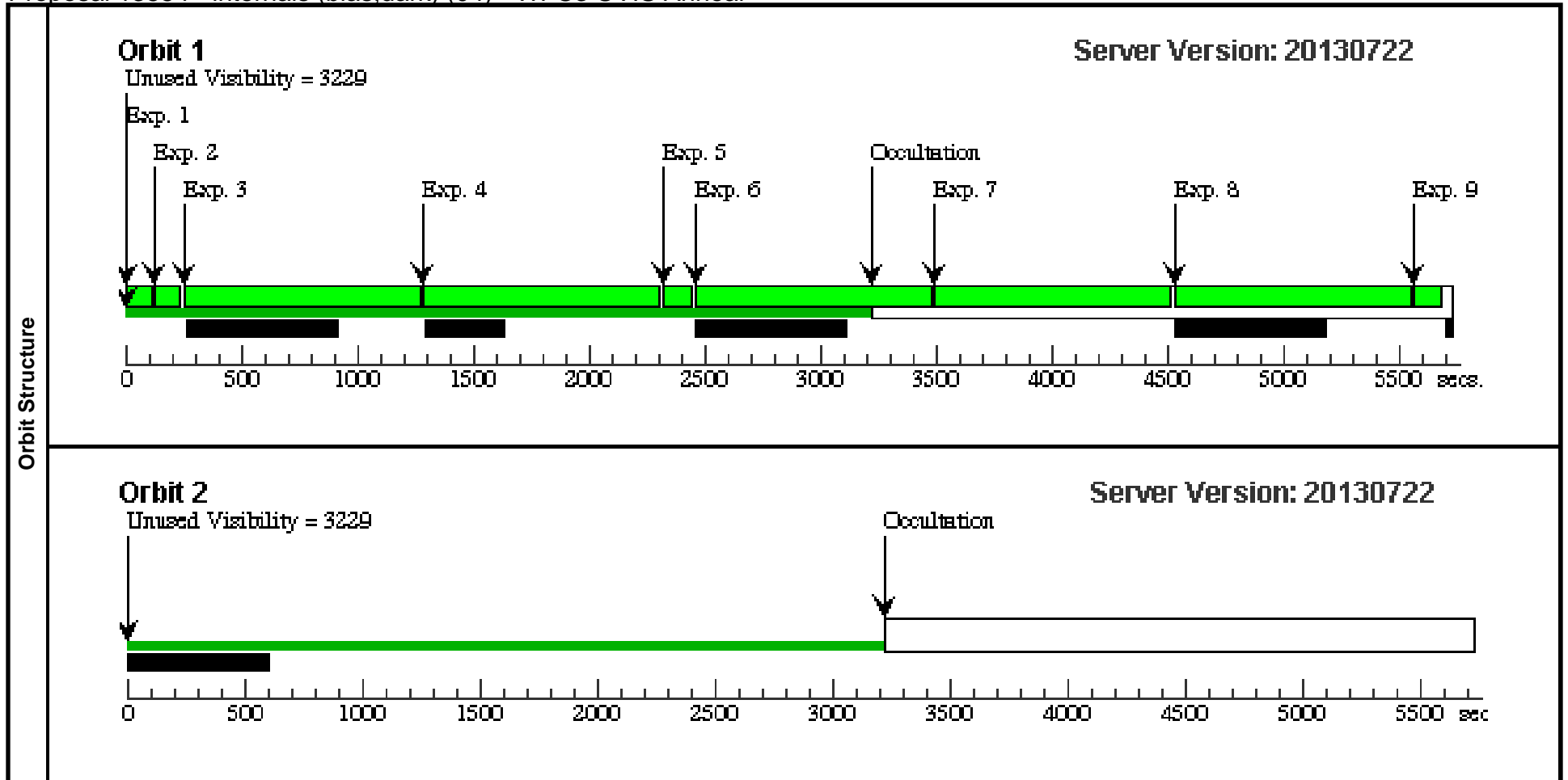
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (03)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (03)	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 (03)	1.0 Secs (1 Secs) [==>]	[1]



Proposal 13554 - internals (bias,dark) (04) - WFC3 UVIS Anneal

Tue Sep 24 02:03:23 GMT 2013

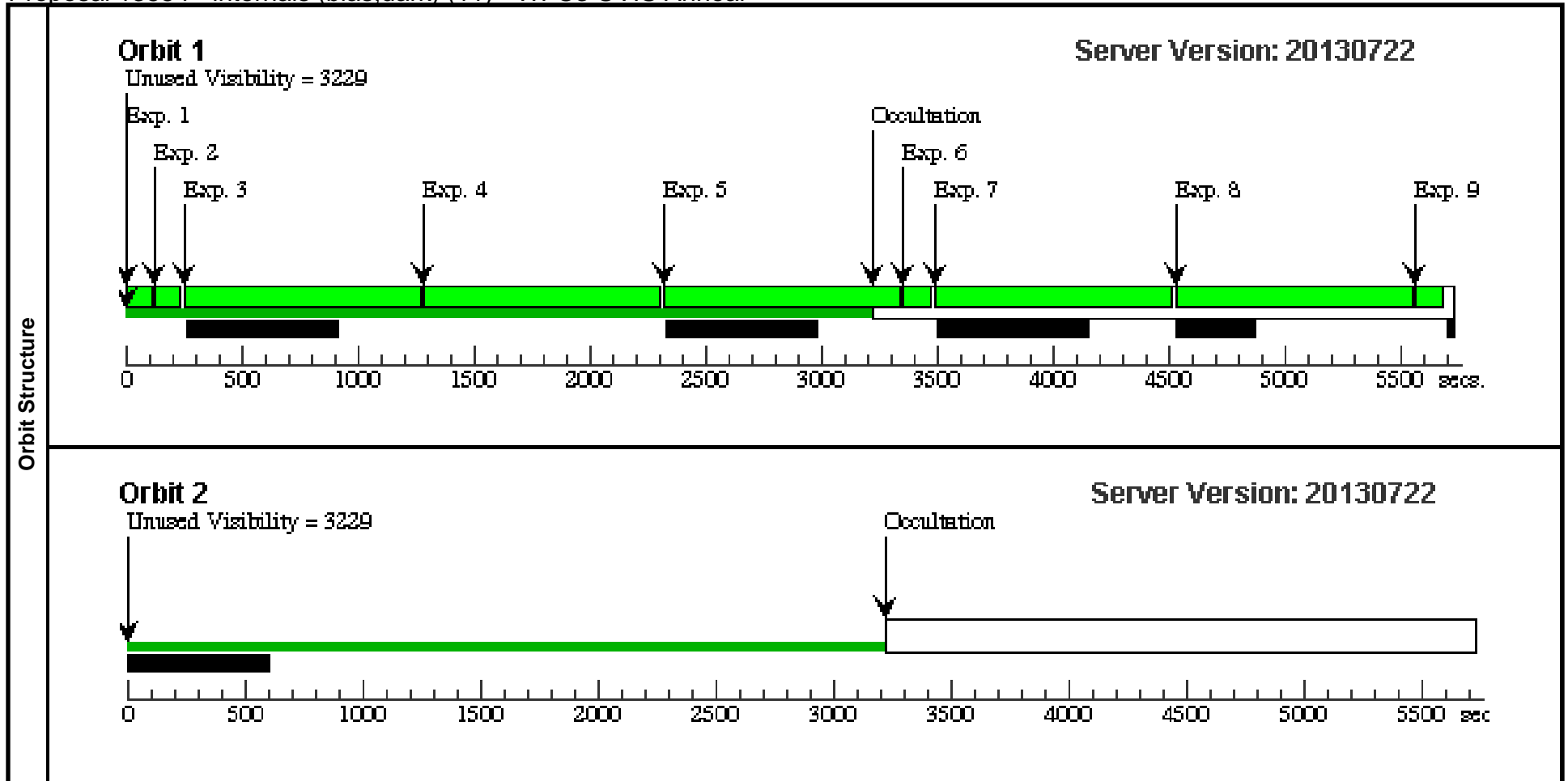
Visit	<b>Proposal 13554, internals (bias,dark) (04), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (04)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 13554 - internals (bias,dark) (11) - WFC3 UVIS Anneal

Tue Sep 24 02:03:24 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (11), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 02-DEC-2013:00:00:00 AND 08-DEC-2013:23:59:59; 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]	

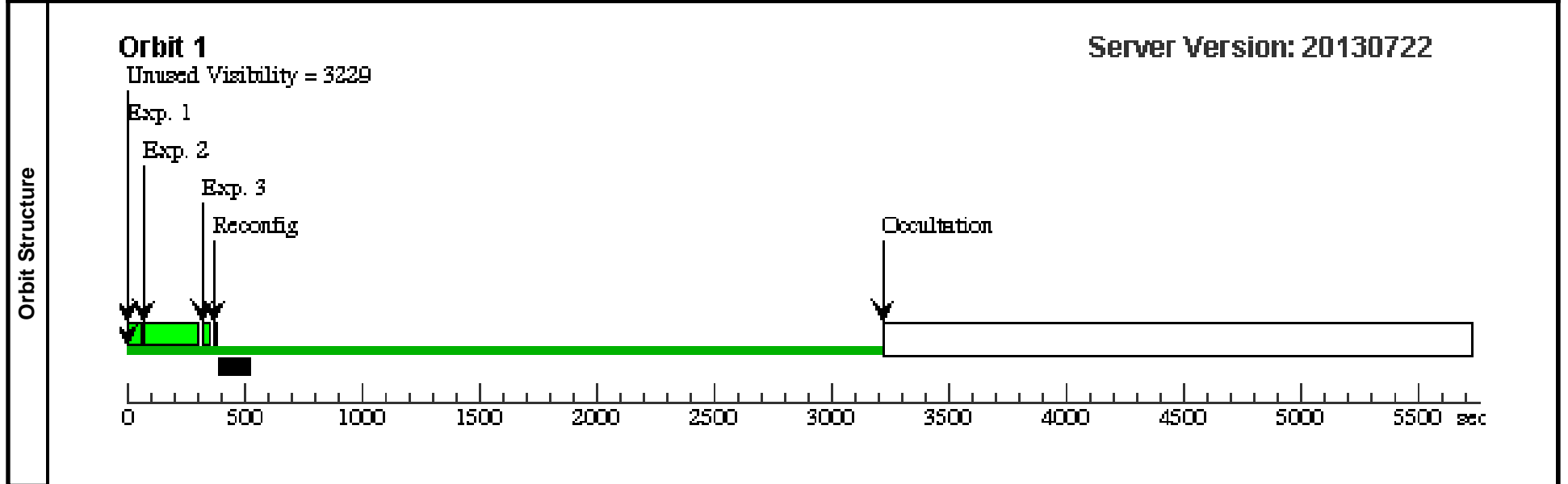


<b>Visit</b>	Proposal 13554, Dec 2013 anneal procedure (12), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>										
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD				0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span></p> <p>Exp. 1</p> <p>Unused Visibility = 3229</p> <p>Occultation</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 and ends at 3229 seconds, representing the exposure duration. A white bar starts at 3229 seconds and ends at 5500 seconds, representing the occultation period. Two arrows point to the start of the green bar at 0 seconds. The text 'Unused Visibility = 3229' is positioned above the green bar. The text 'Occultation' is positioned above the white bar.</p>										

Proposal 13554 - bowtie check/fix (13) - WFC3 UVIS Anneal

<b>Visit</b>	<b>Proposal 13554, bowtie check/fix (13), implementation</b> <span style="float: right;">Tue Sep 24 02:03:26 GMT 2013</span>							
	<b>Diagnostic Status: No Diagnostics</b>							
	Scientific Instruments: WFC3/UVIS							
	Special Requirements: (none)							

<b>Exposures</b>	#	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]

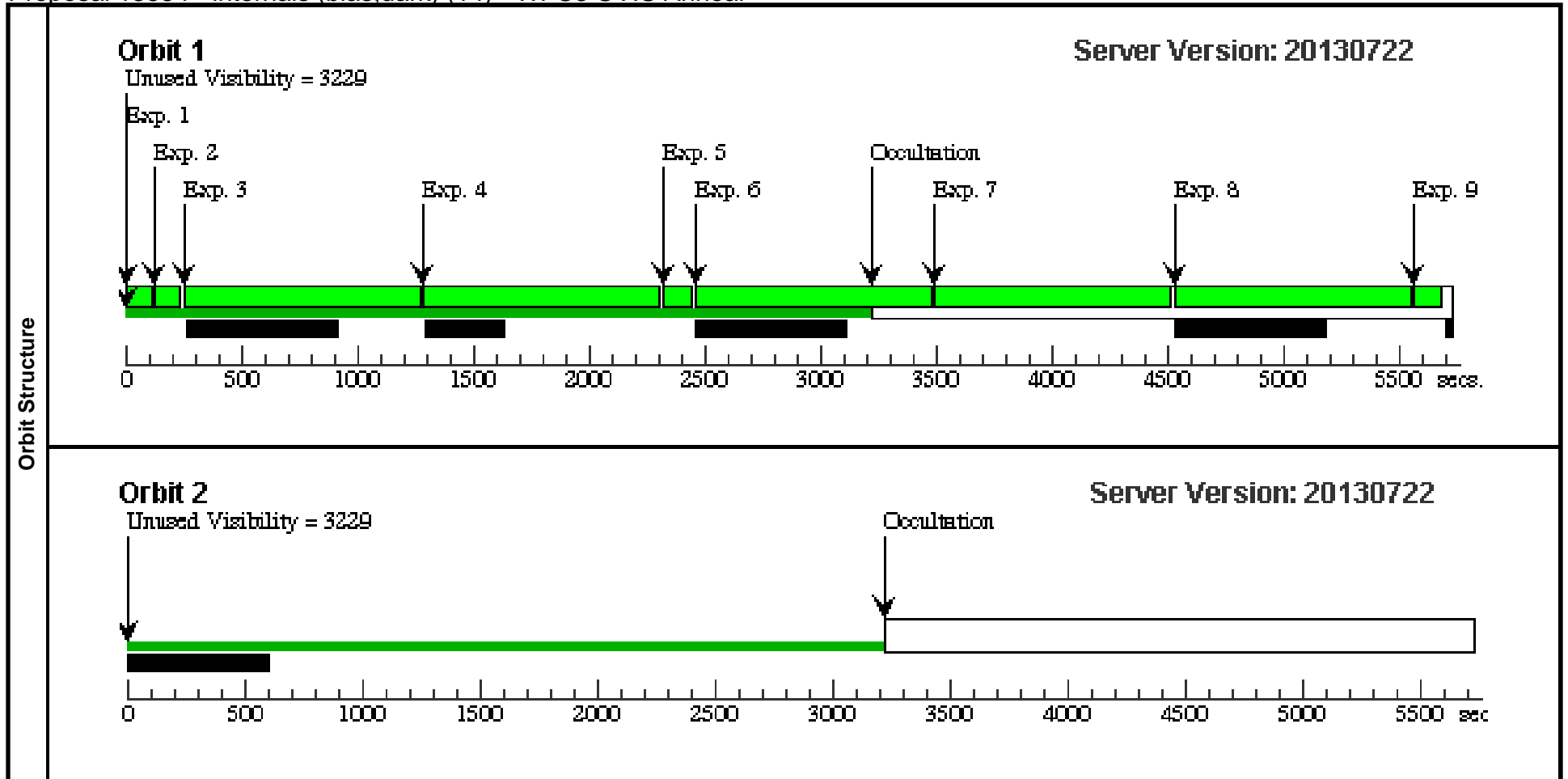


Proposal 13554 - internals (bias,dark) (14) - WFC3 UVIS Anneal

Tue Sep 24 02:03:26 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (14), implementation</b> <b>Diagnostic Status: Warning</b> 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]	

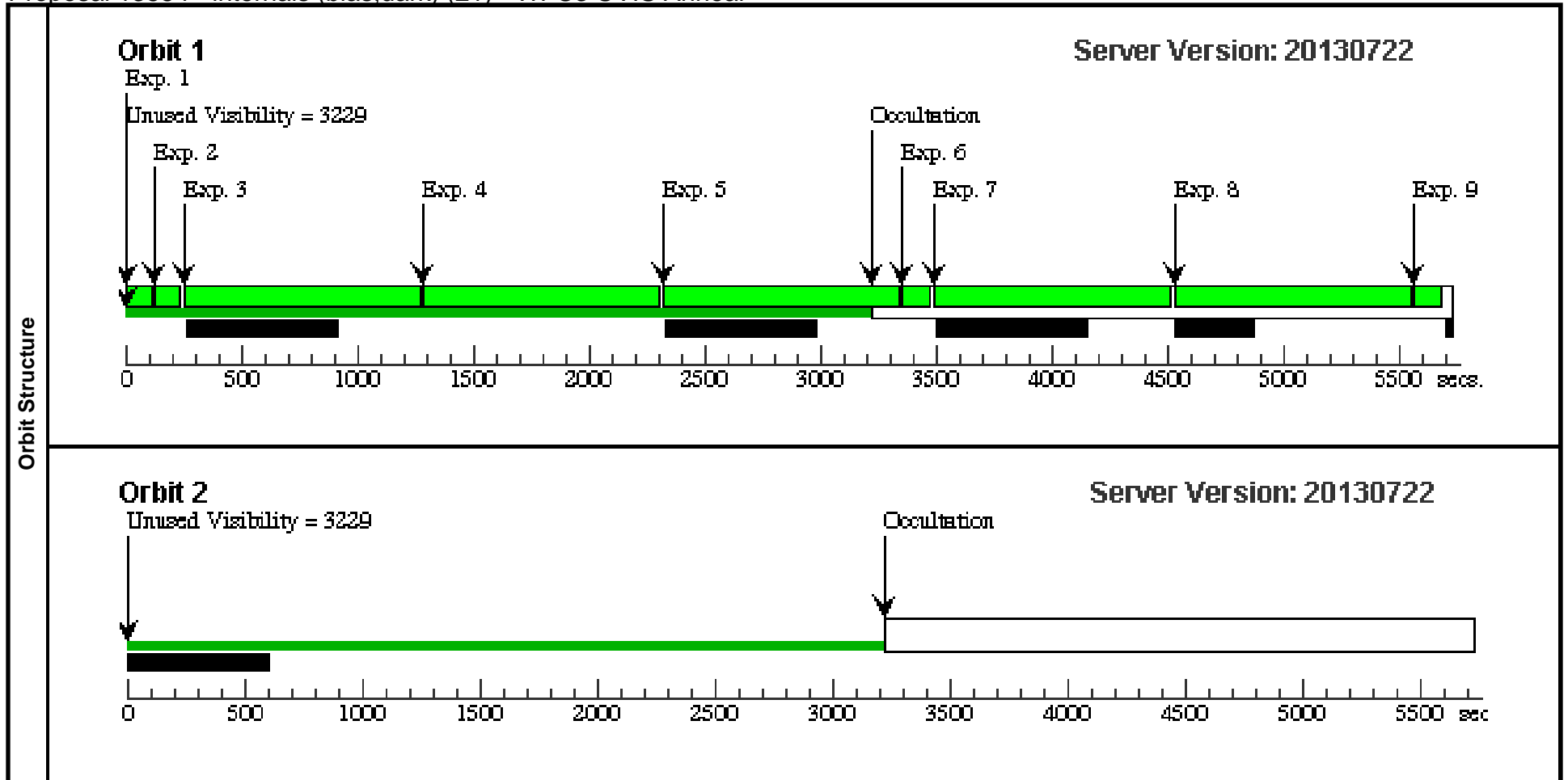




Proposal 13554 - internals (bias,dark) (21) - WFC3 UVIS Anneal

Tue Sep 24 02:03:27 GMT 2013

<b>Visit</b>	<b>Proposal 13554, internals (bias,dark) (21), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 30-DEC-2013:00:00:00 AND 05-JAN-2014:23:59:59; 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>									
	<b>Diagnosics</b> (internals (bias,dark) (21)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	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]



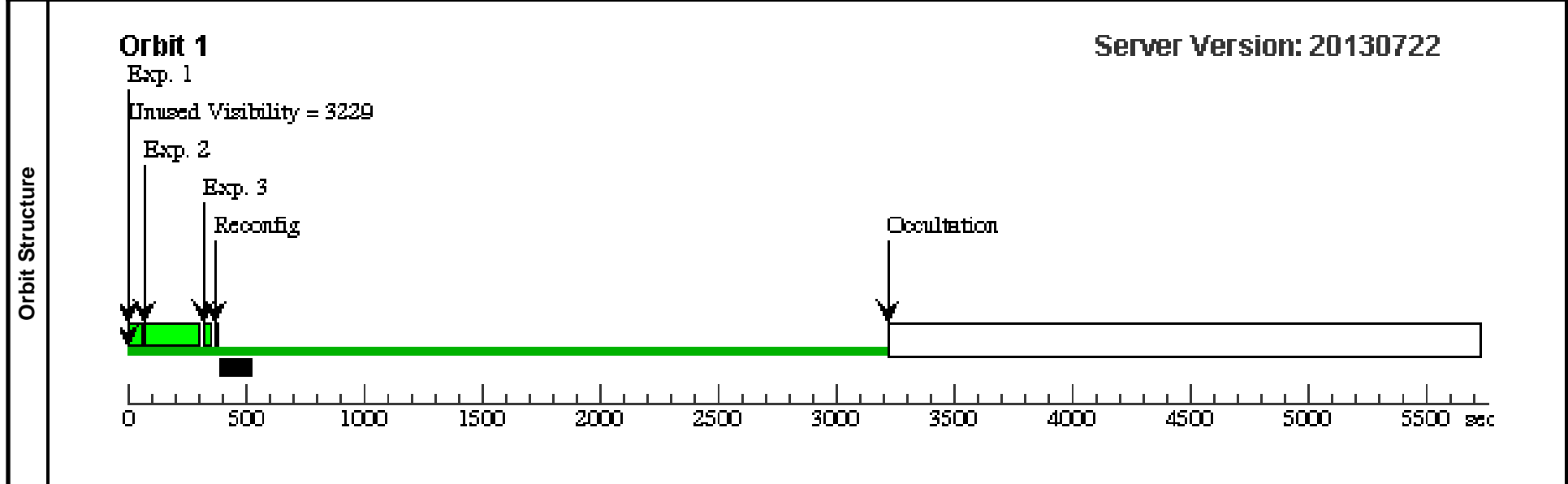
<b>Visit</b>	Proposal 13554, Dec 2013b anneal procedure (22), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>										
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD				0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span></p> <p>Exp. 1</p> <p>Unused Visibility = 3229</p> <p>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 13554 - bowtie check/fix (23) - WFC3 UVIS Anneal

Tue Sep 24 02:03:28 GMT 2013

<b>Visit</b>	Proposal 13554, bowtie check/fix (23), implementation								
	Diagnostic Status: No Diagnostics								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: (none)								

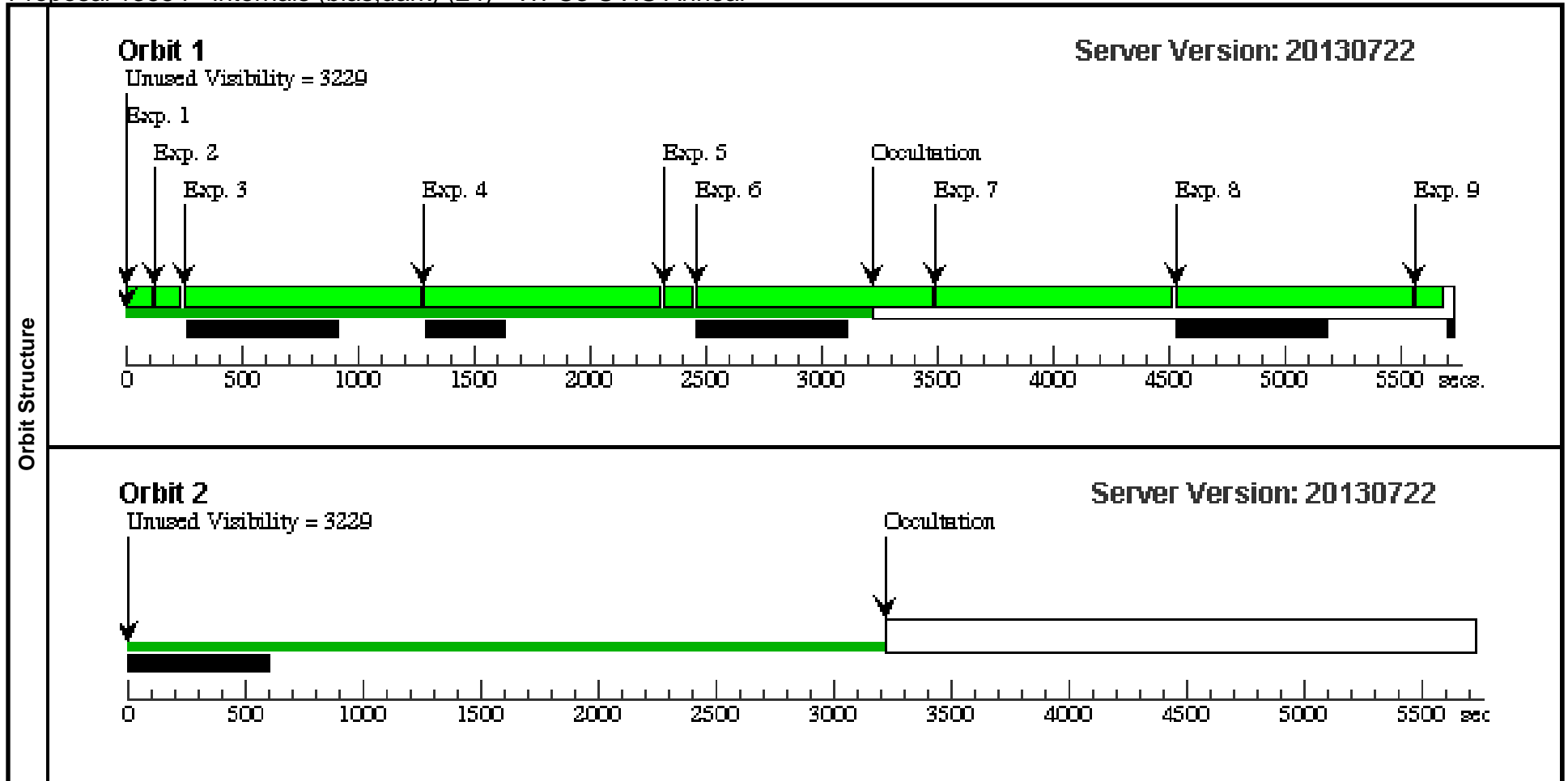
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (23)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, 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 13554 - internals (bias,dark) (24) - WFC3 UVIS Anneal

Tue Sep 24 02:03:29 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (24), implementation</b> <b>Diagnostic Status: Warning</b> 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]	

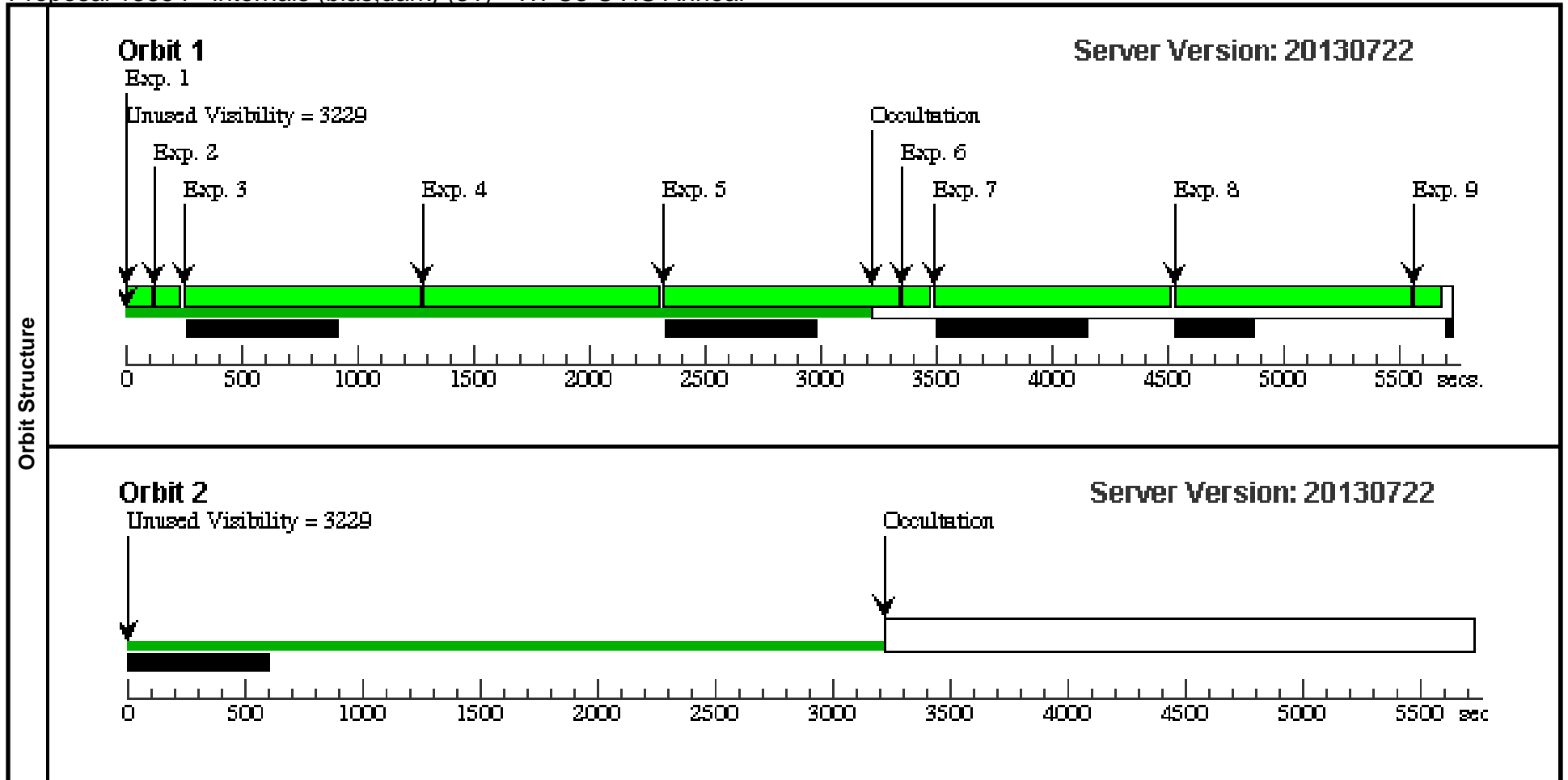


Proposal 13554 - internals (bias,dark) (31) - WFC3 UVIS Anneal

Tue Sep 24 02:03:29 GMT 2013

<b>Visit</b>	<b>Proposal 13554, internals (bias,dark) (31), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-JAN-2014:00:00:00 AND 02-FEB-2014:23:59:59; 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>									
	<b>Diagnosics</b> (internals (bias,dark) (31)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	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]





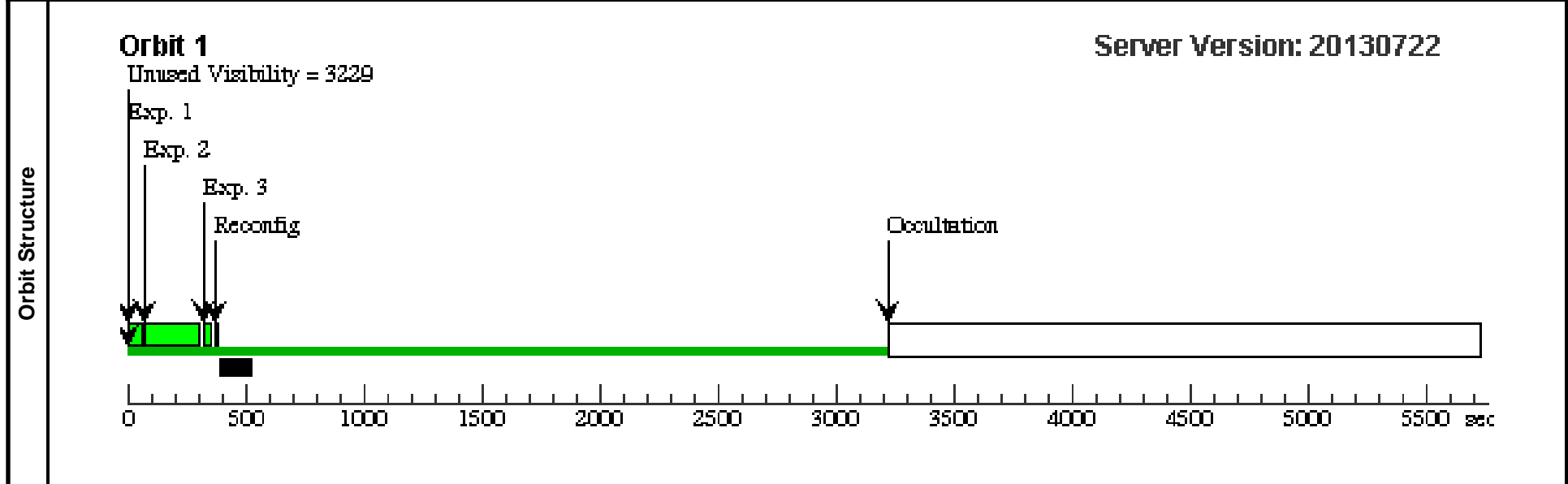
<b>Visit</b>	Proposal 13554, Jan 2014 anneal procedure (32), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.									
	<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;">Server Version: 20130722</span>                  Unused Visibility = 3229</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, labeled 'Exp. 1'. A white horizontal bar starts at approximately 3200 seconds and ends at 5500 seconds, labeled 'Occultation'. Two vertical arrows point downwards from the start of the green bar at 0 seconds and the start of the white bar at approximately 3200 seconds.</p>									

Proposal 13554 - bowtie check/fix (33) - WFC3 UVIS Anneal

Tue Sep 24 02:03:31 GMT 2013

<b>Visit</b>	<b>Proposal 13554, bowtie check/fix (33), implementation</b>								
	<b>Diagnostic Status: No Diagnostics</b>								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: (none)								

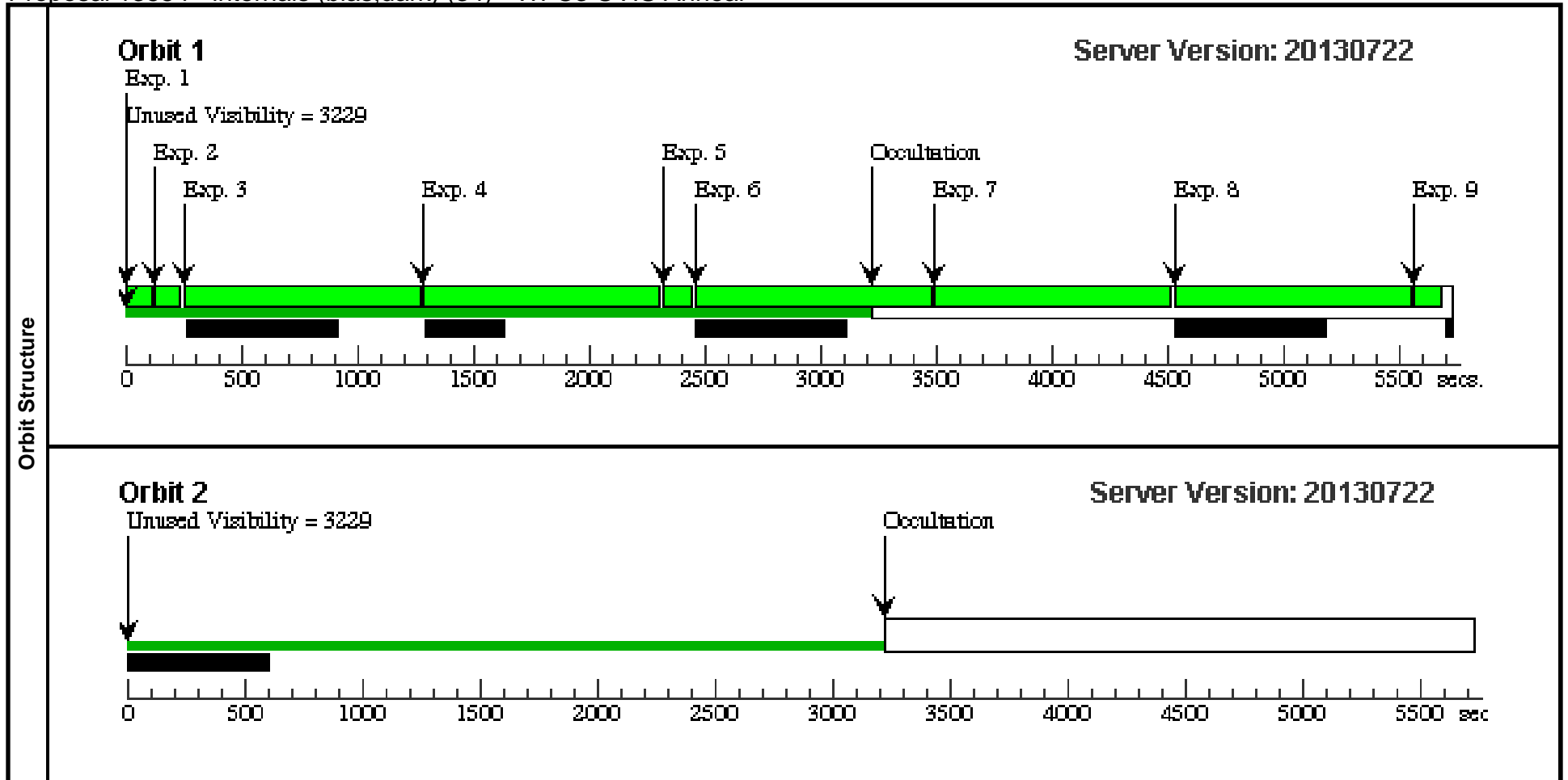
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (33)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, 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 13554 - internals (bias,dark) (34) - WFC3 UVIS Anneal

Tue Sep 24 02:03:31 GMT 2013

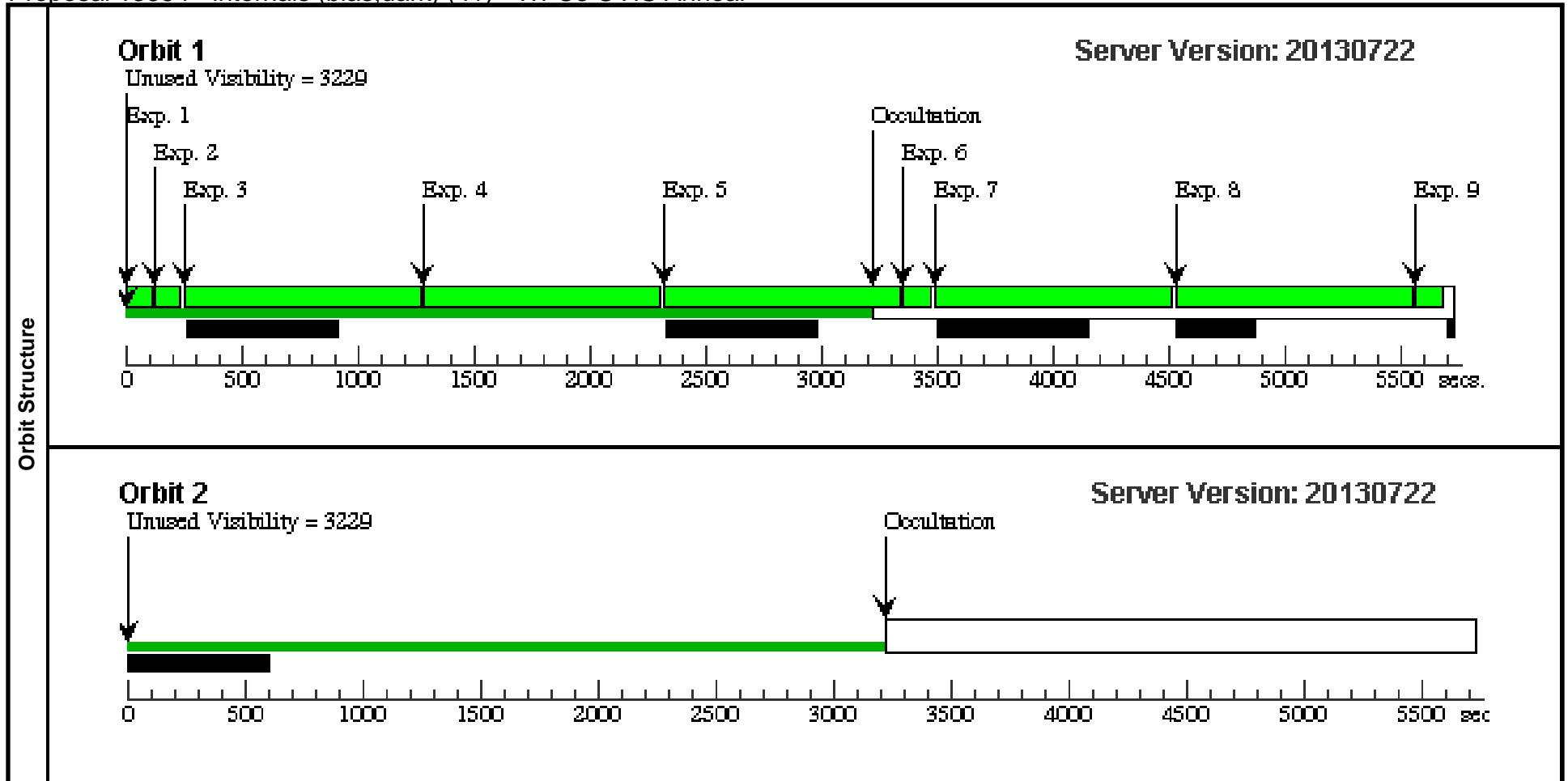
Visit	<b>Proposal 13554, internals (bias,dark) (34), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (34)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 13554 - internals (bias,dark) (41) - WFC3 UVIS Anneal

Tue Sep 24 02:03:32 GMT 2013

<b>Visit</b>	<b>Proposal 13554, internals (bias,dark) (41), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 24-FEB-2014:00:00:00 AND 02-MAR-2014:23:59:59; 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>									
	<b>Diagnosics</b> (internals (bias,dark) (41)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	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]	



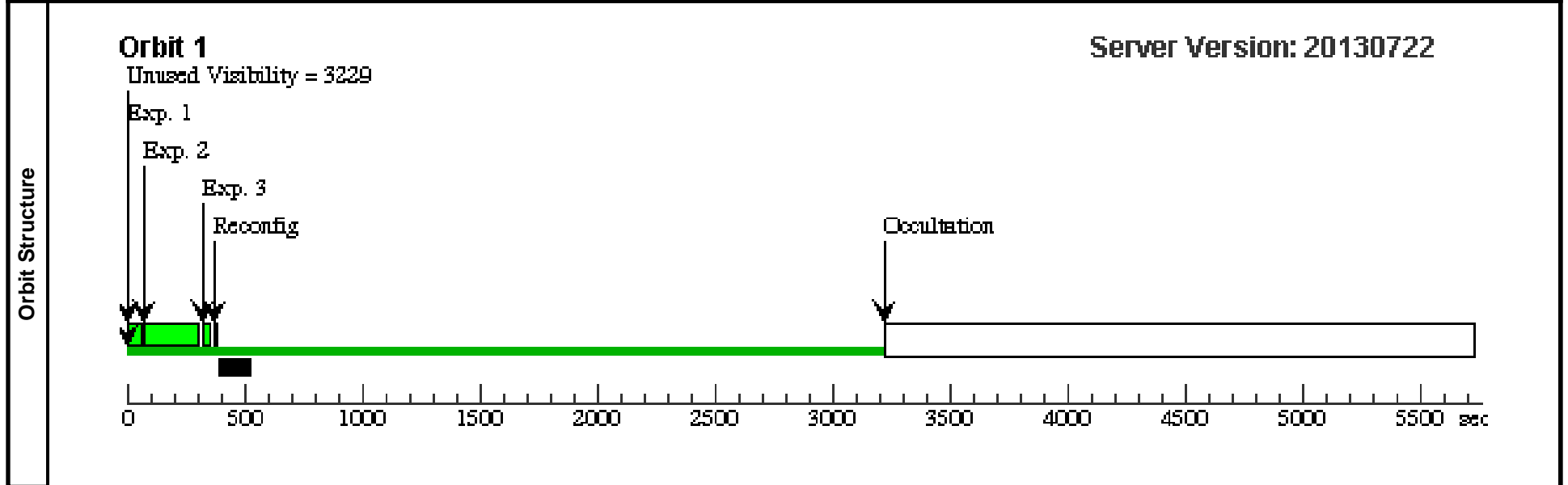
<b>Visit</b>	Proposal 13554, Feb 2014 anneal procedure (42), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span>                  Unused Visibility = 3229</p>									
	<p>Exp. 1</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									



Proposal 13554 - bowtie check/fix (43) - WFC3 UVIS Anneal

<b>Visit</b>	<b>Proposal 13554, bowtie check/fix (43), implementation</b> <span style="float: right;">Tue Sep 24 02:03:33 GMT 2013</span>							
	<b>Diagnostic Status: No Diagnostics</b>							
	Scientific Instruments: WFC3/UVIS							
	Special Requirements: (none)							

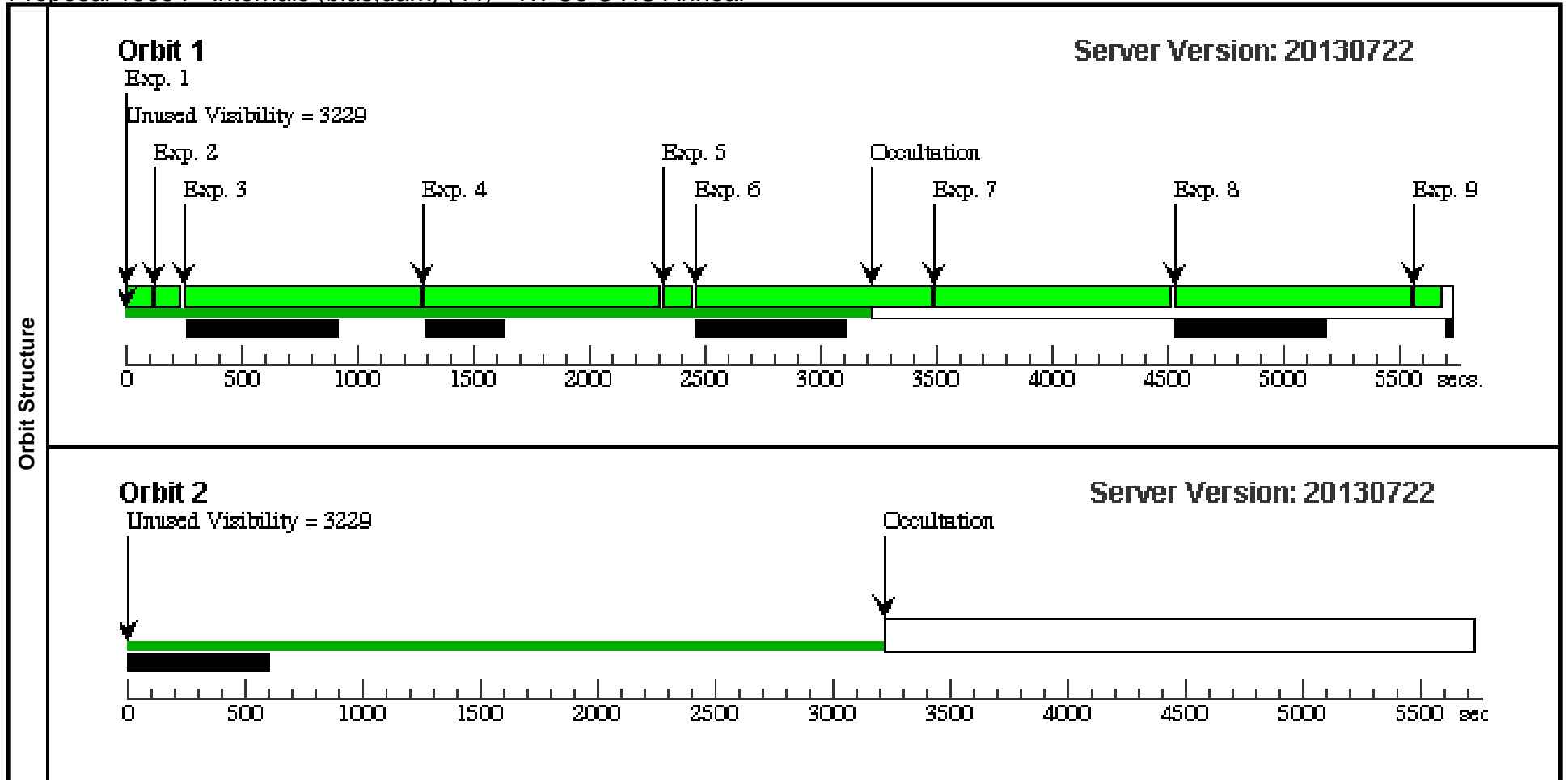
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (43)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, 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]



Proposal 13554 - internals (bias,dark) (44) - WFC3 UVIS Anneal

Tue Sep 24 02:03:33 GMT 2013

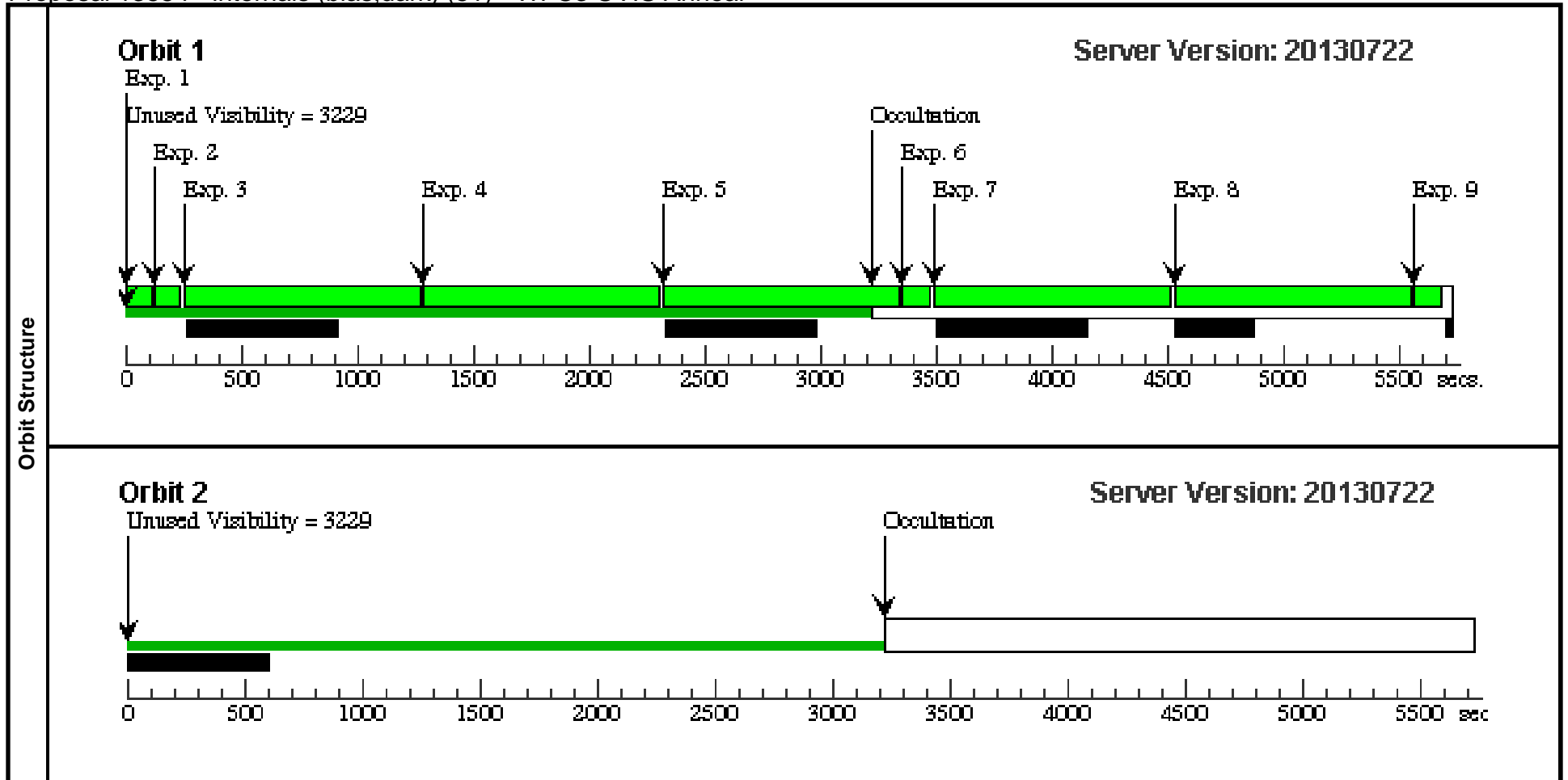
Visit	<b>Proposal 13554, internals (bias,dark) (44), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (44)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 13554 - internals (bias,dark) (51) - WFC3 UVIS Anneal

Tue Sep 24 02:03:34 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (51), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 24-MAR-2014:00:00:00 AND 30-MAR-2014:23:59:59; 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]	



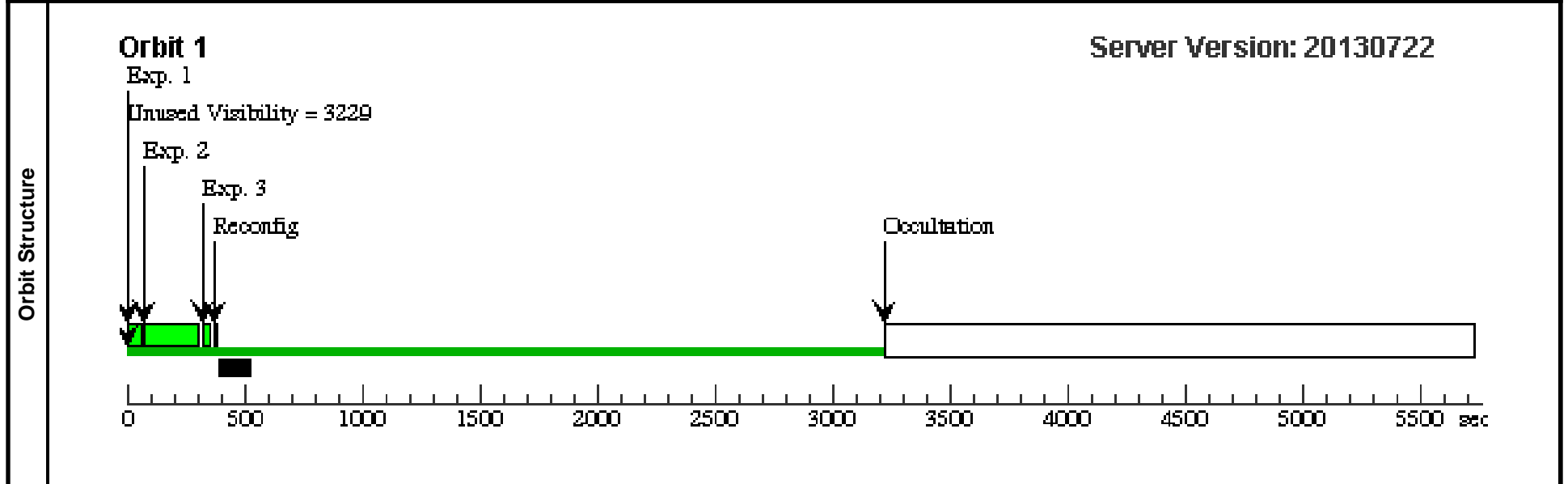
<b>Visit</b>	Proposal 13554, Mar 2014 anneal procedure (52), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>										
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD				0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span></p> <p>Exp. 1</p> <p>Unused Visibility = 3229</p> <p>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 13554 - bowtie check/fix (53) - WFC3 UVIS Anneal

Tue Sep 24 02:03:35 GMT 2013

<b>Visit</b>	Proposal 13554, bowtie check/fix (53), implementation								
	Diagnostic Status: No Diagnostics								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: (none)								

<b>Exposures</b>	#	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]

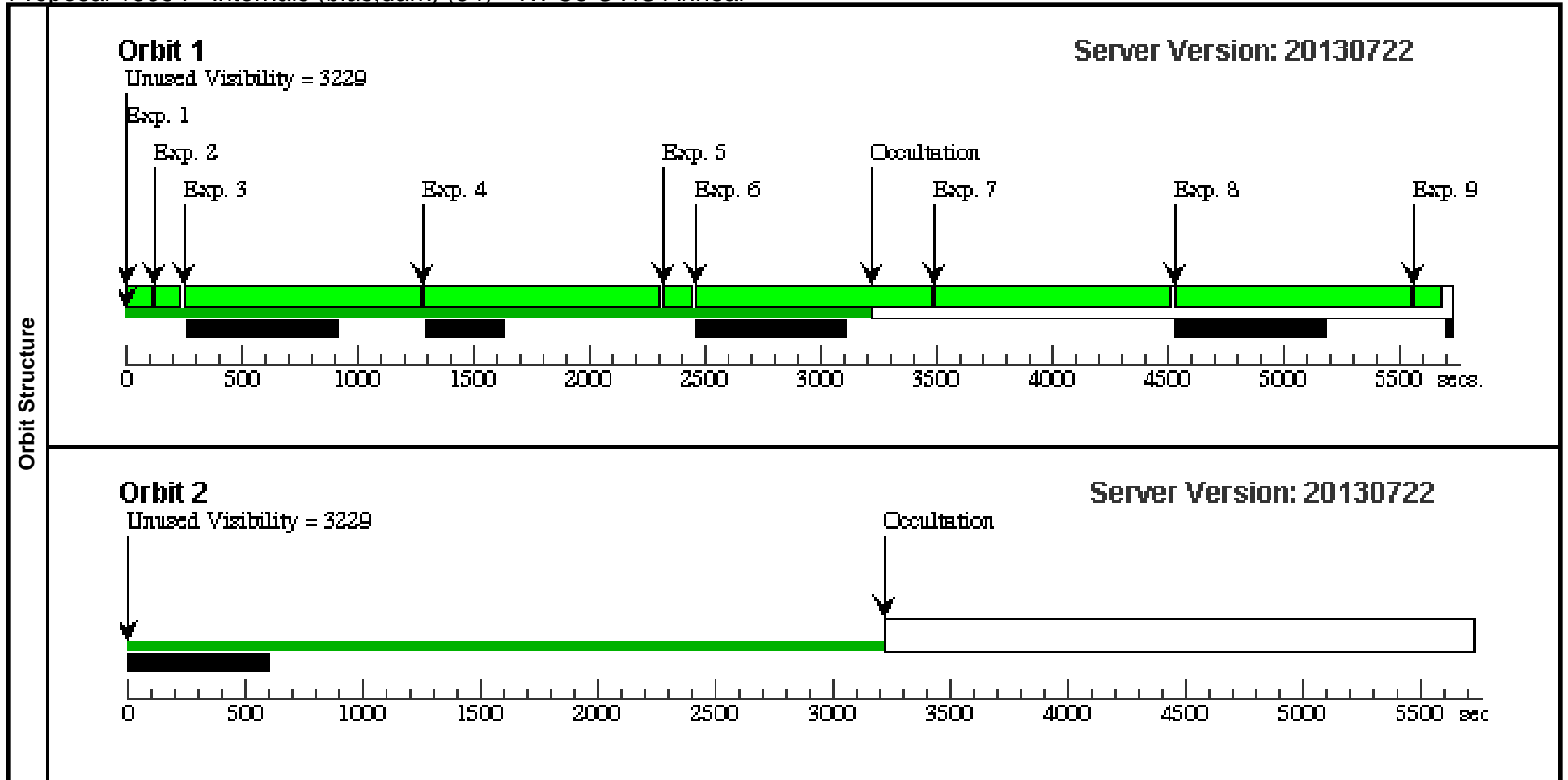


Proposal 13554 - internals (bias,dark) (54) - WFC3 UVIS Anneal

Tue Sep 24 02:03:35 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (54), implementation</b> <b>Diagnostic Status: Warning</b> 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]	

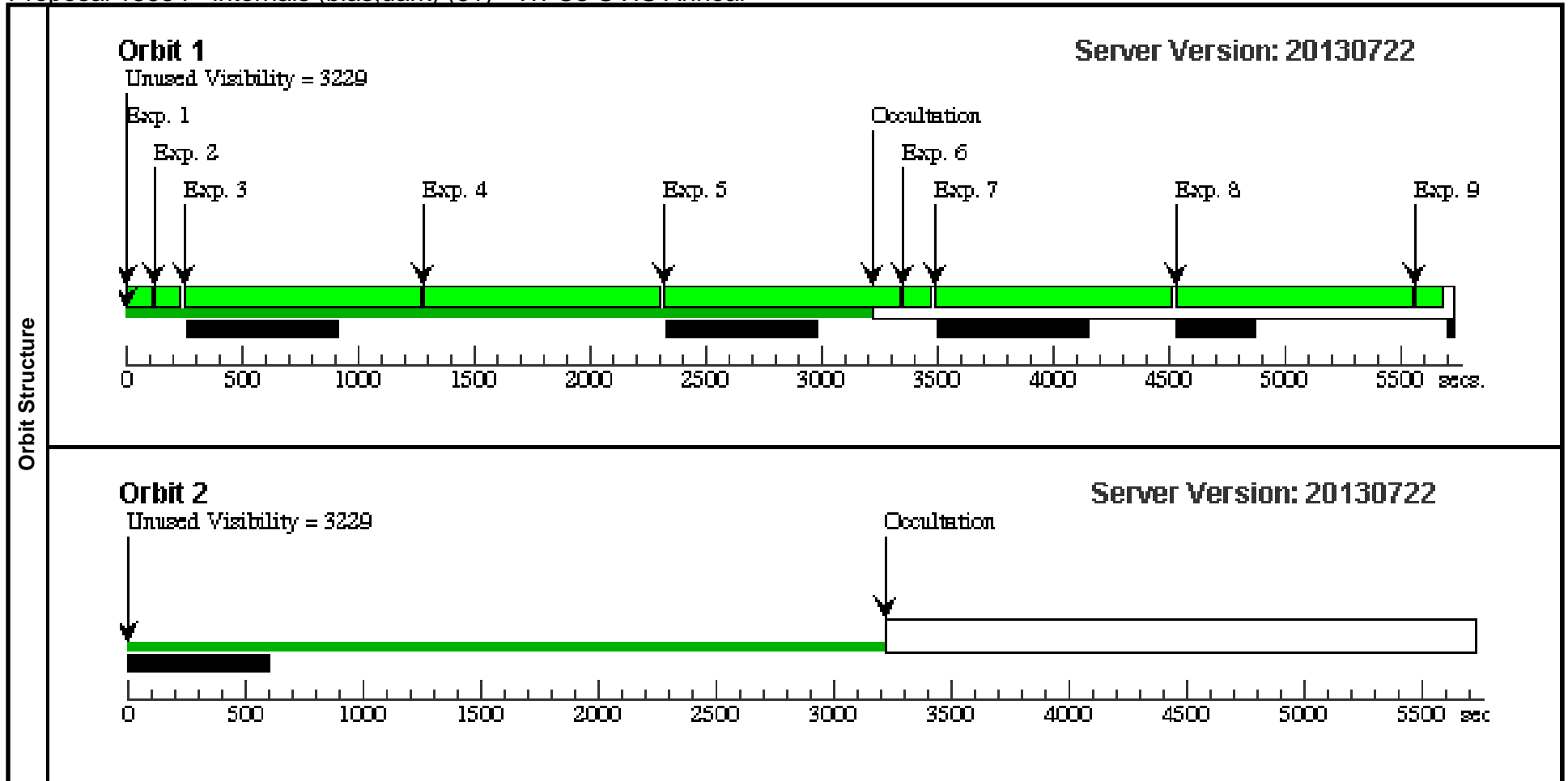




Proposal 13554 - internals (bias,dark) (61) - WFC3 UVIS Anneal

Tue Sep 24 02:03:36 GMT 2013

<b>Visit</b>	<b>Proposal 13554, internals (bias,dark) (61), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 21-APR-2014:00:00:00 AND 27-APR-2014:23:59:59; 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>									
	<b>Diagnosics</b> (internals (bias,dark) (61)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	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]



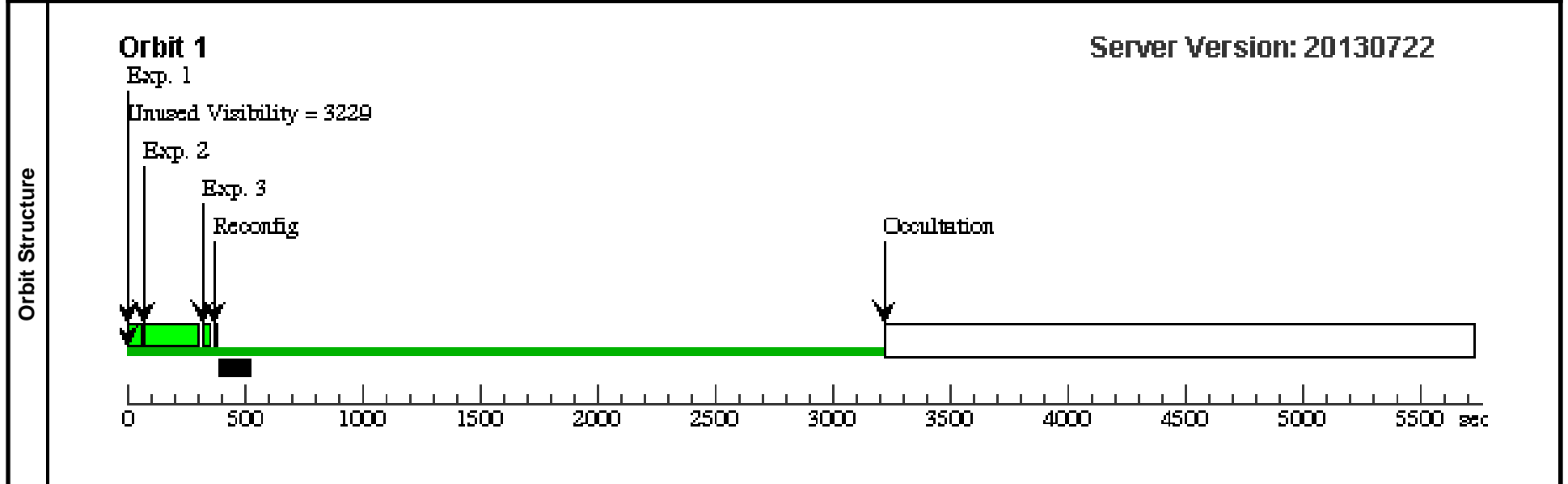
<b>Visit</b>	Proposal 13554, Apr 2014 anneal procedure (62), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>										
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD				0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span>                  Unused Visibility = 3229</p>										
	<p>Timeline details: The x-axis represents time in seconds, ranging from 0 to 5500. A green bar labeled 'Exp. 1' starts at 0 and ends at approximately 3200 seconds. A white bar labeled 'Occultation' starts at approximately 3200 seconds and ends at 5500 seconds. The text 'Unused Visibility = 3229' is located above the green bar.</p>										

Proposal 13554 - bowtie check/fix (63) - WFC3 UVIS Anneal

Tue Sep 24 02:03:37 GMT 2013

<b>Visit</b>	<b>Proposal 13554, bowtie check/fix (63), implementation</b>								
	<b>Diagnostic Status: No Diagnostics</b>								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: (none)								

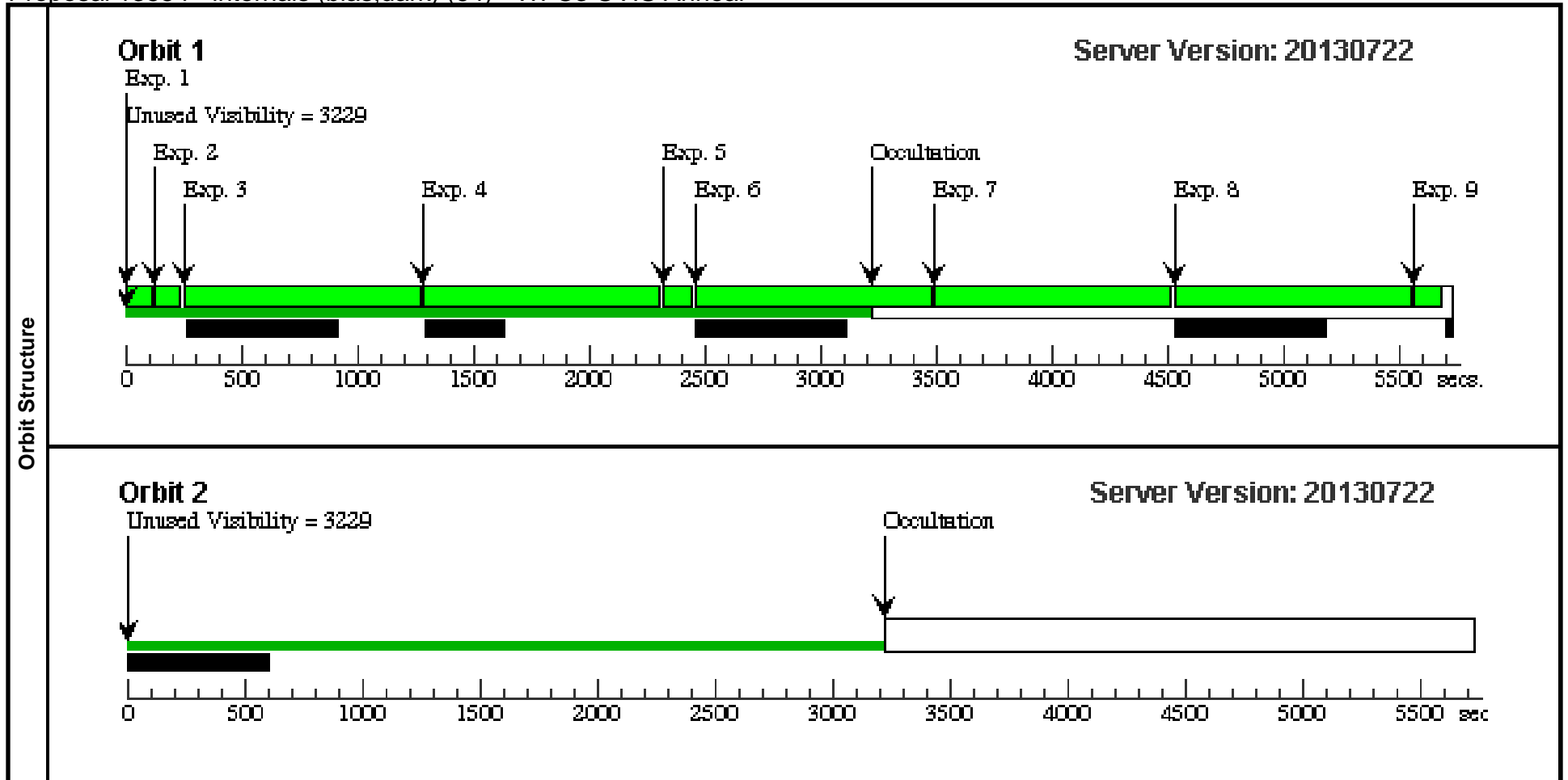
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (63)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, 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 13554 - internals (bias,dark) (64) - WFC3 UVIS Anneal

Tue Sep 24 02:03:37 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (64), implementation</b> <b>Diagnostic Status: Warning</b> 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]	

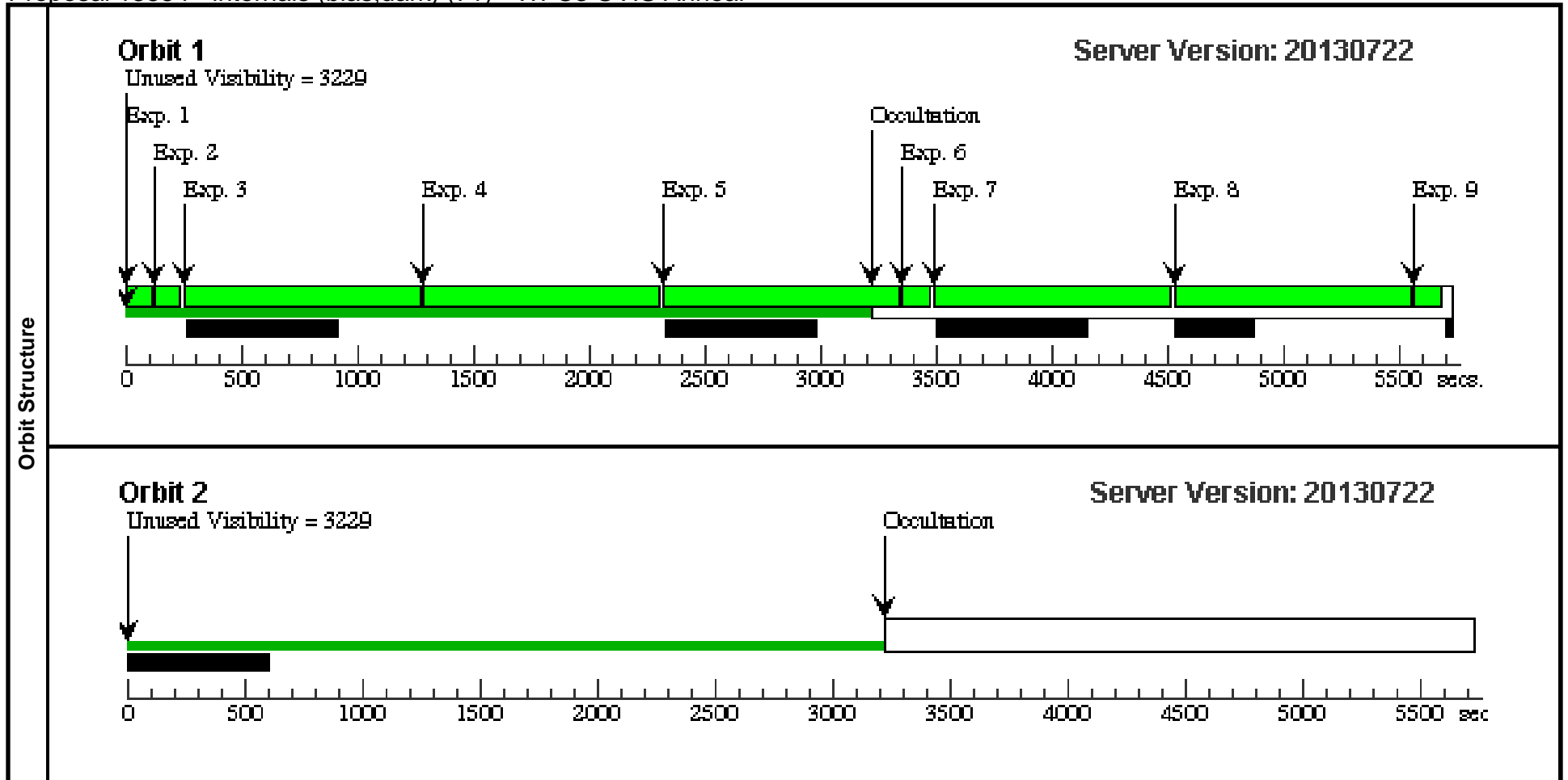


Proposal 13554 - internals (bias,dark) (71) - WFC3 UVIS Anneal

Tue Sep 24 02:03:38 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (71), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 19-MAY-2014:00:00:00 AND 25-MAY-2014:23:59:59; 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>										
	Diagnostics	(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]	





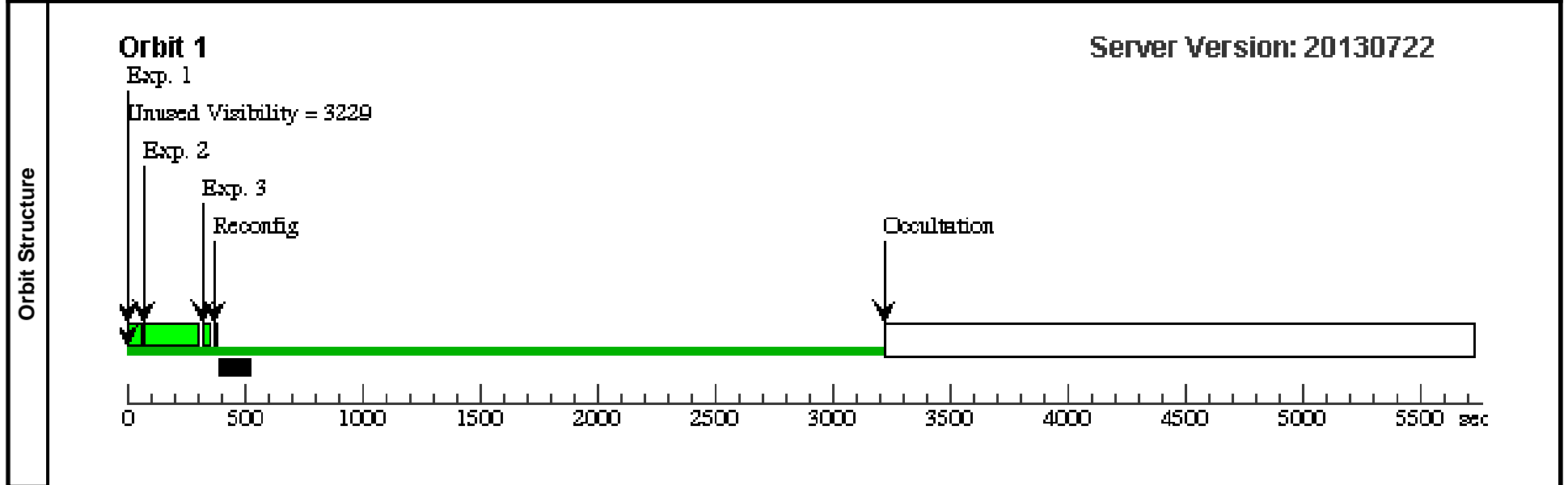
<b>Visit</b>	Proposal 13554, May 2014 anneal procedure (72), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>										
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD				0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span></p> <p>Exp. 1</p> <p>Unused Visibility = 3229</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 13554 - bowtie check/fix (73) - WFC3 UVIS Anneal

Tue Sep 24 02:03:39 GMT 2013

<b>Visit</b>	Proposal 13554, bowtie check/fix (73), implementation								
	Diagnostic Status: No Diagnostics								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: (none)								

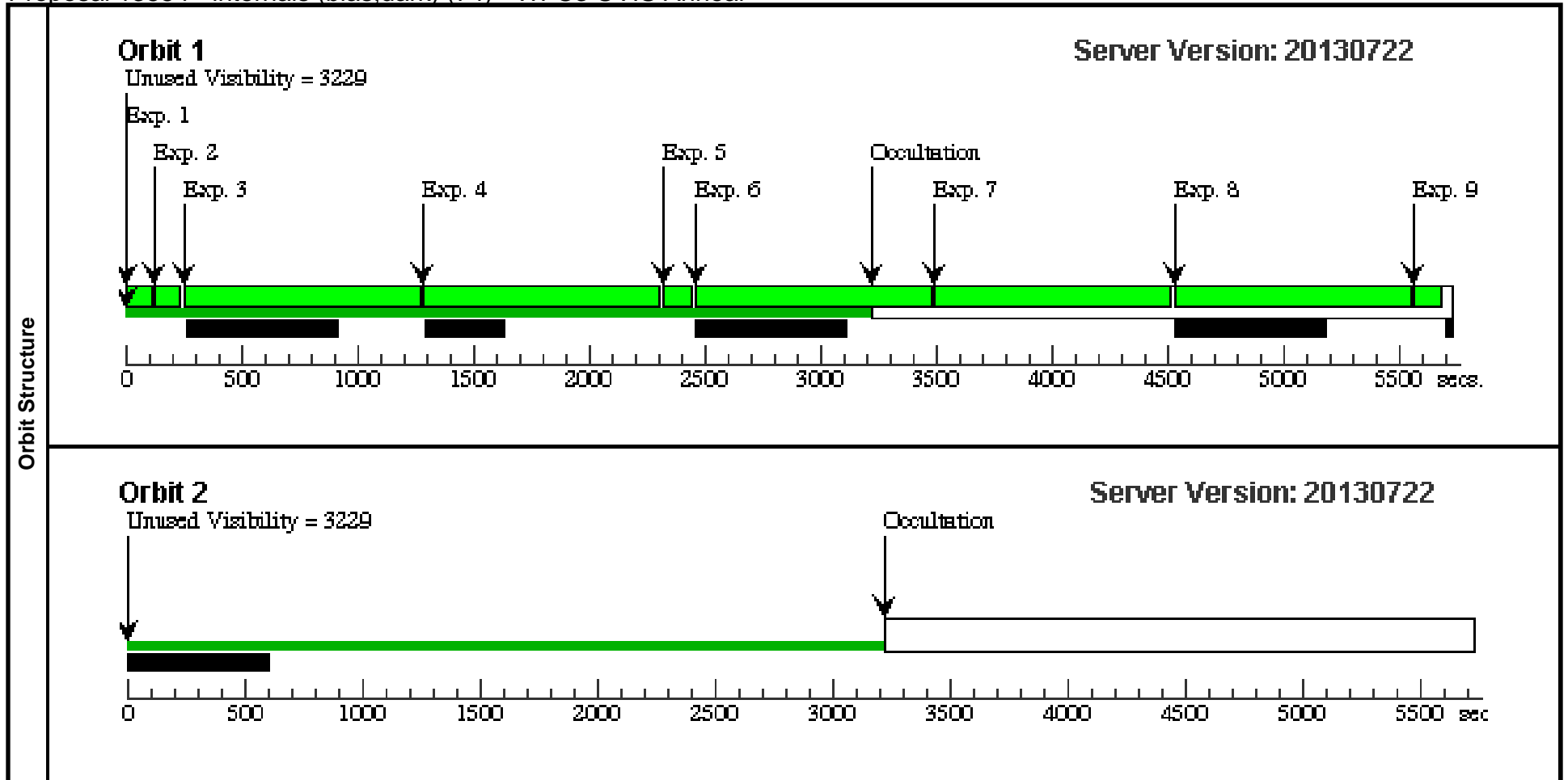
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (73)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, 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 13554 - internals (bias,dark) (74) - WFC3 UVIS Anneal

Tue Sep 24 02:03:39 GMT 2013

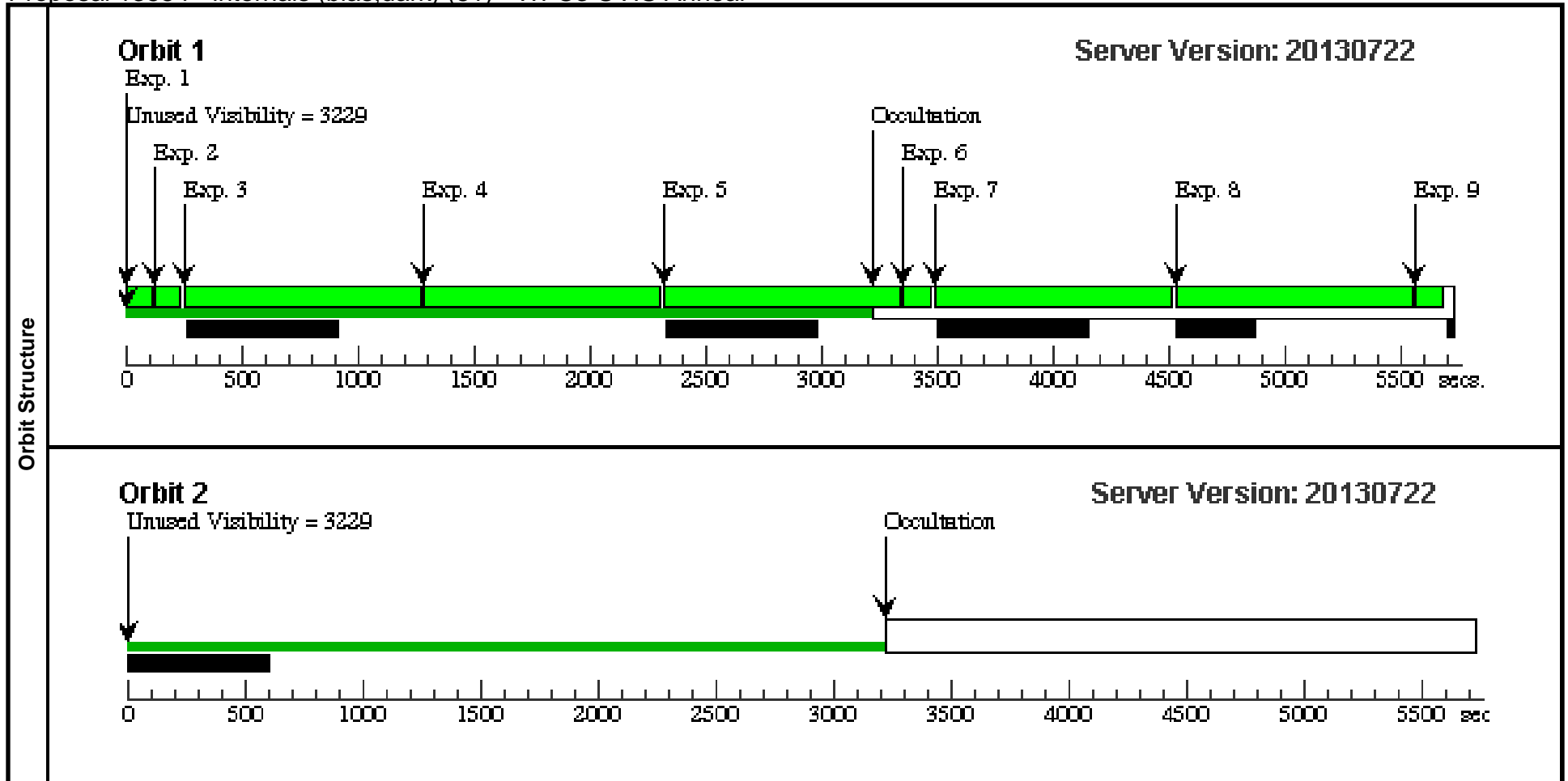
Visit	<b>Proposal 13554, internals (bias,dark) (74), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (74)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 13554 - internals (bias,dark) (81) - WFC3 UVIS Anneal

Tue Sep 24 02:03:40 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (81), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-JUN-2014:00:00:00 AND 22-JUN-2014:23:59:59; SEQ 81,82,83,84 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) (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]	



<b>Visit</b>	Proposal 13554, Jun 2014 anneal procedure (82), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span></p> <p>Exp. 1</p> <p>Unused Visibility = 3229</p> <p>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									

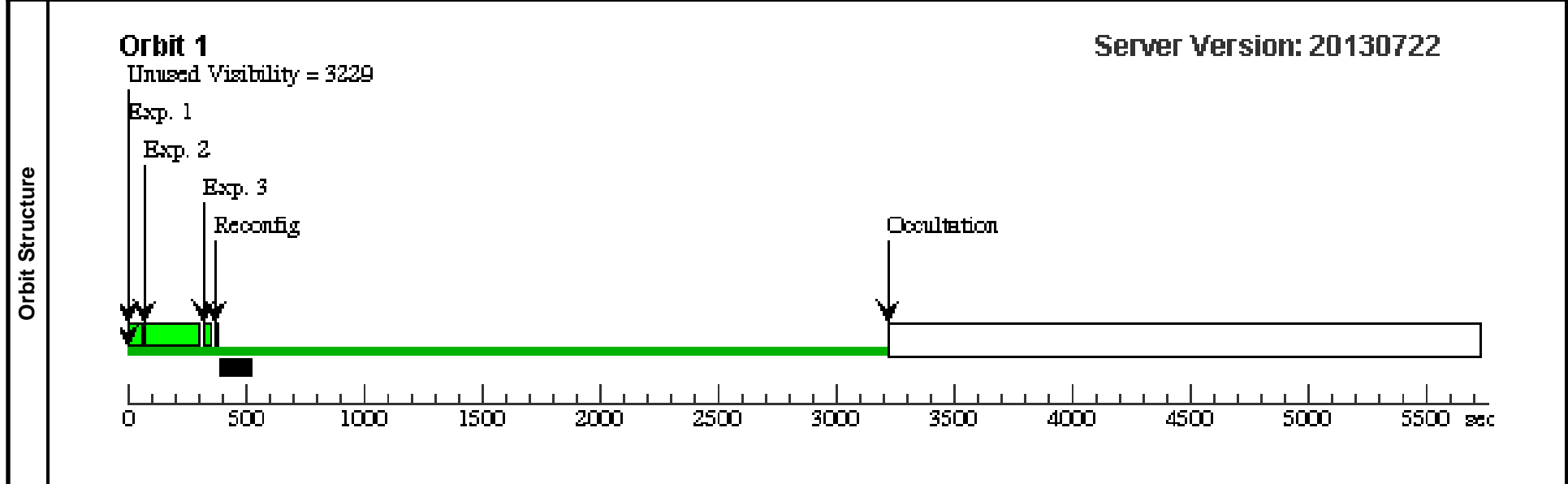


Proposal 13554 - bowtie check/fix (83) - WFC3 UVIS Anneal

Tue Sep 24 02:03:41 GMT 2013

<b>Visit</b>	Proposal 13554, bowtie check/fix (83), implementation								
	Diagnostic Status: No Diagnostics								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: (none)								

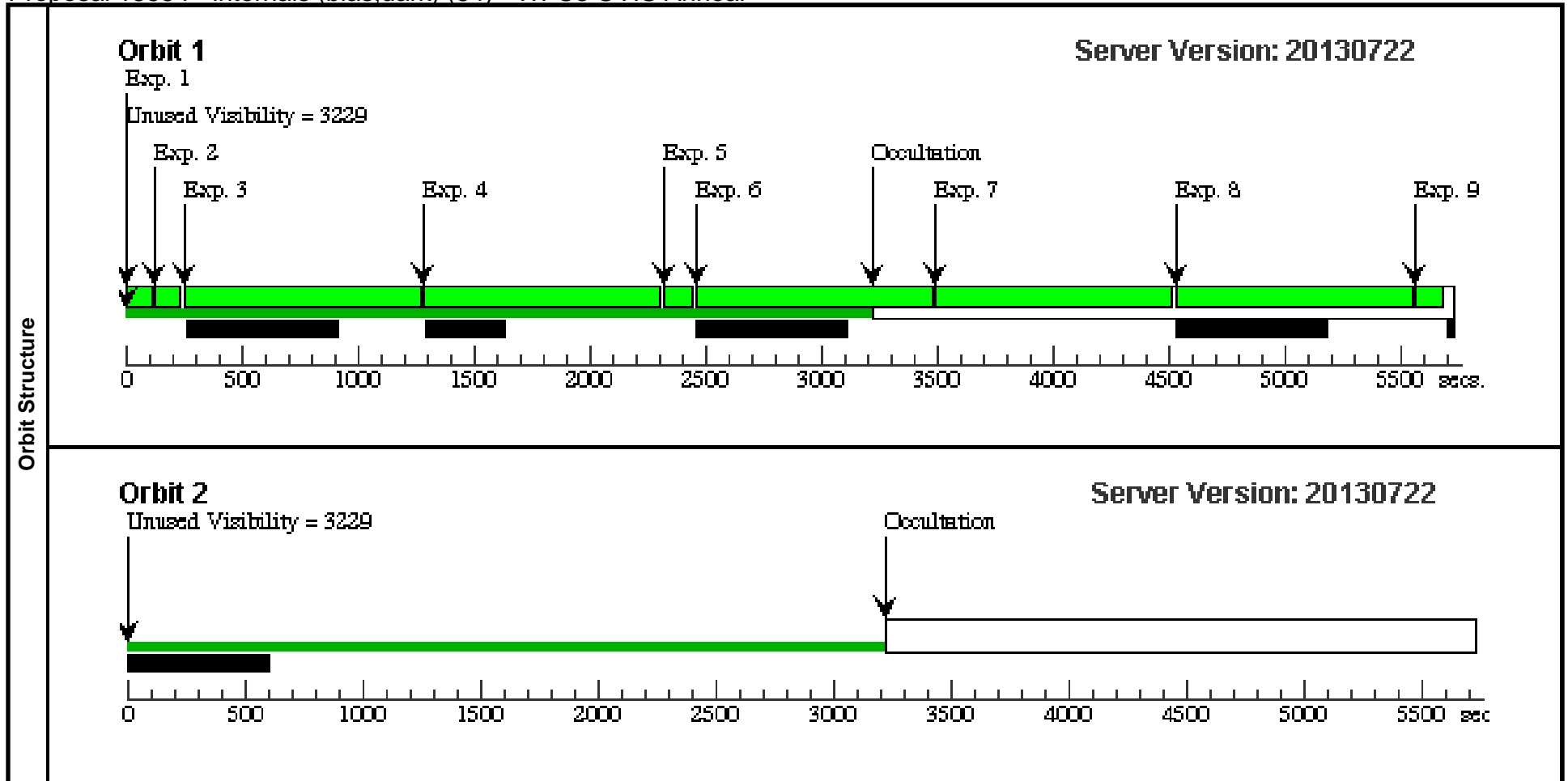
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (83)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, 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 13554 - internals (bias,dark) (84) - WFC3 UVIS Anneal

Tue Sep 24 02:03:41 GMT 2013

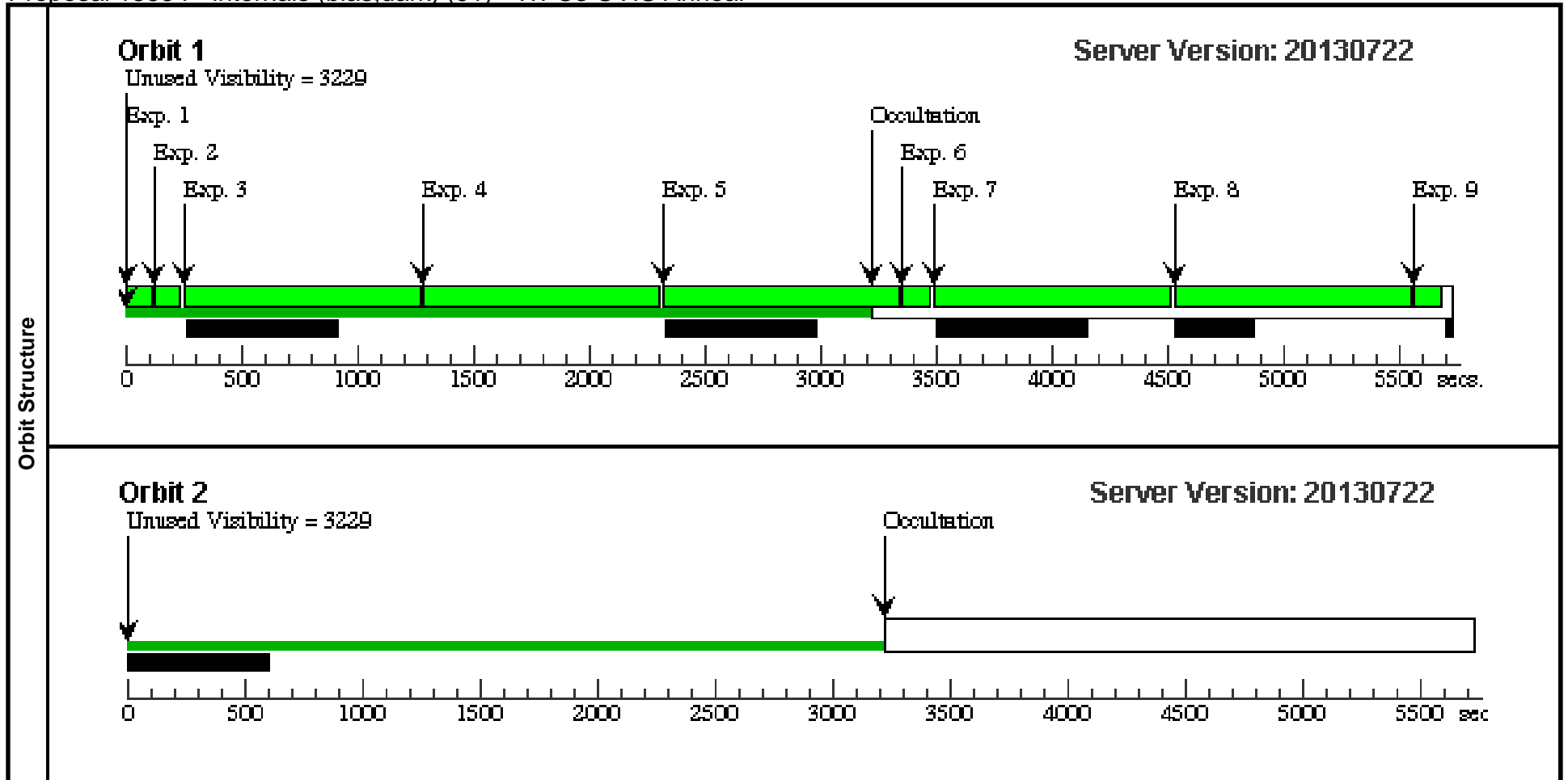
Visit	<b>Proposal 13554, internals (bias,dark) (84), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (84)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 13554 - internals (bias,dark) (91) - WFC3 UVIS Anneal

Tue Sep 24 02:03:42 GMT 2013

<b>Visit</b>	<b>Proposal 13554, internals (bias,dark) (91), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 14-JUL-2014:00:00:00 AND 20-JUL-2014:23:59:59; 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>									
	<b>Diagnosics</b> (internals (bias,dark) (91)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	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]



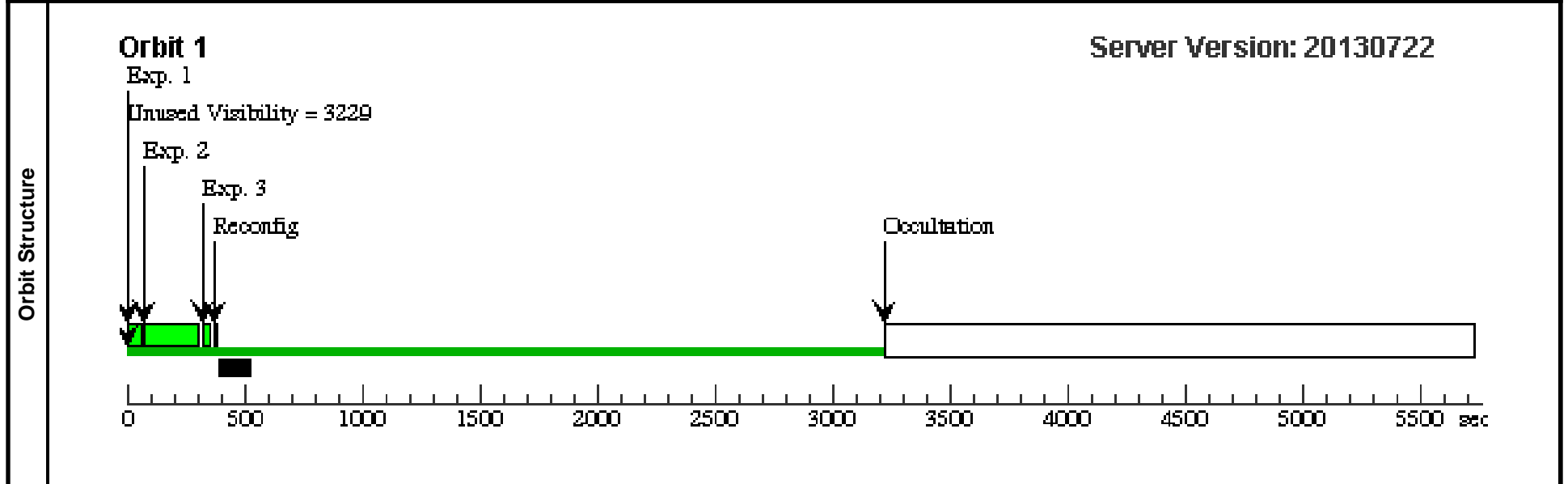
<b>Visit</b>	Proposal 13554, Jul 2014 anneal procedure (92), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>										
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD				0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span></p> <p>Exp. 1</p> <p>Unused Visibility = 3229</p> <p>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 13554 - bowtie check/fix (93) - WFC3 UVIS Anneal

Tue Sep 24 02:03:42 GMT 2013

<b>Visit</b>	Proposal 13554, bowtie check/fix (93), implementation								
	Diagnostic Status: No Diagnostics								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: (none)								

<b>Exposures</b>	#	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]

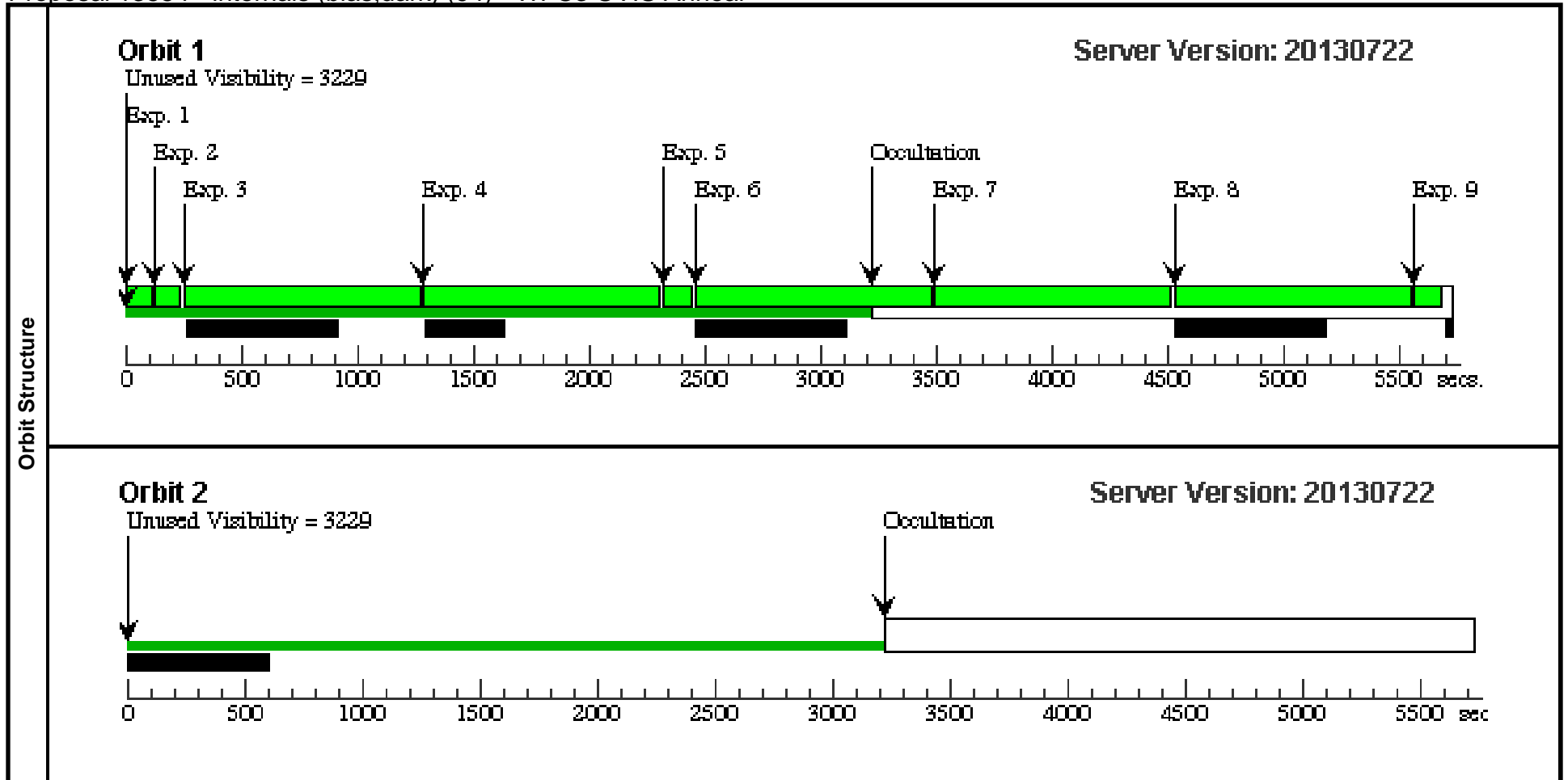


Proposal 13554 - internals (bias,dark) (94) - WFC3 UVIS Anneal

Tue Sep 24 02:03:43 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (94), implementation</b> <b>Diagnostic Status: Warning</b> 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]	

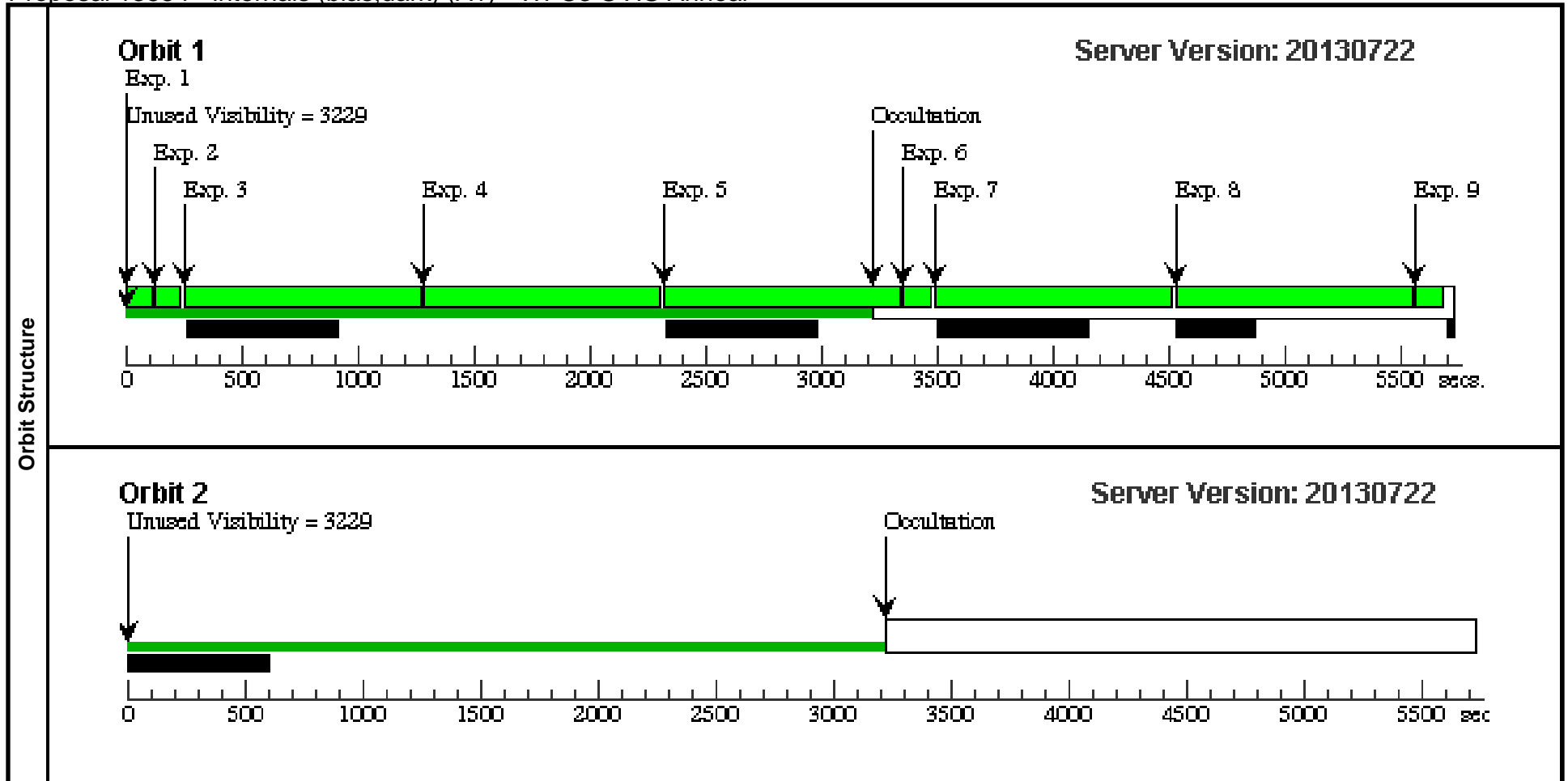




Proposal 13554 - internals (bias,dark) (A1) - WFC3 UVIS Anneal

Tue Sep 24 02:03:43 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (A1), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 11-AUG-2014:00:00:00 AND 17-AUG-2014:23:59:59; 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 13554 - Aug 2014 anneal procedure (A2) - WFC3 UVIS Anneal

Tue Sep 24 02:03:44 GMT 2013

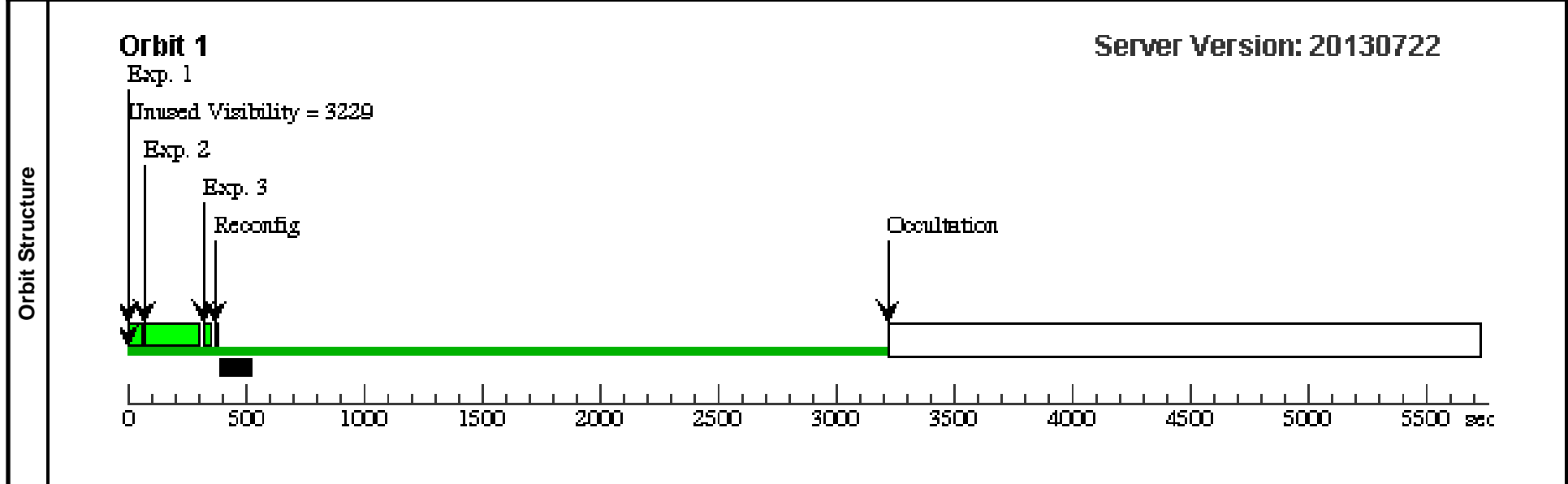
<b>Visit</b>	Proposal 13554, Aug 2014 anneal procedure (A2), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>										
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD				0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span></p> <p>Exp. 1</p> <p>Unused Visibility = 3229</p> <p style="text-align: center;">Occultation</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, representing the exposure period. A white bar starts at approximately 3200 seconds and ends at approximately 5600 seconds, representing the occultation period. Two vertical arrows point downwards from the top of the green bar at the start and end points. The text 'Unused Visibility = 3229' is located above the green bar. The text 'Occultation' is located above the white bar.</p>										
	<p>0      500      1000      1500      2000      2500      3000      3500      4000      4500      5000      5500 sec</p>										

Proposal 13554 - bowtie check/fix (A3) - WFC3 UVIS Anneal

Tue Sep 24 02:03:44 GMT 2013

<b>Visit</b>	<b>Proposal 13554, bowtie check/fix (A3), implementation</b>								
	<b>Diagnostic Status: No Diagnostics</b>								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: (none)								

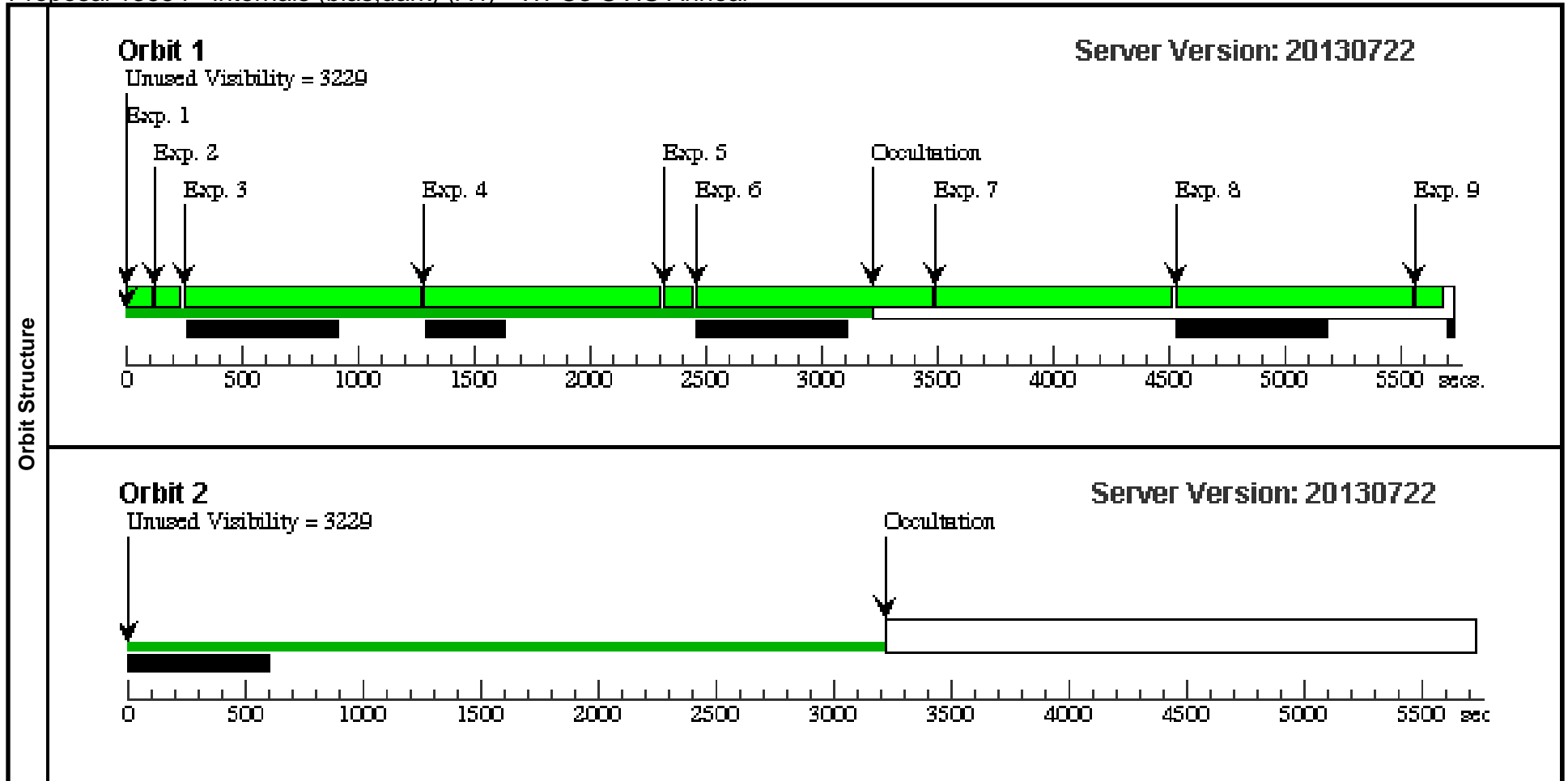
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (A3)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, 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 13554 - internals (bias,dark) (A4) - WFC3 UVIS Anneal

Tue Sep 24 02:03:45 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (A4), implementation</b> <b>Diagnostic Status: Warning</b> 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]	

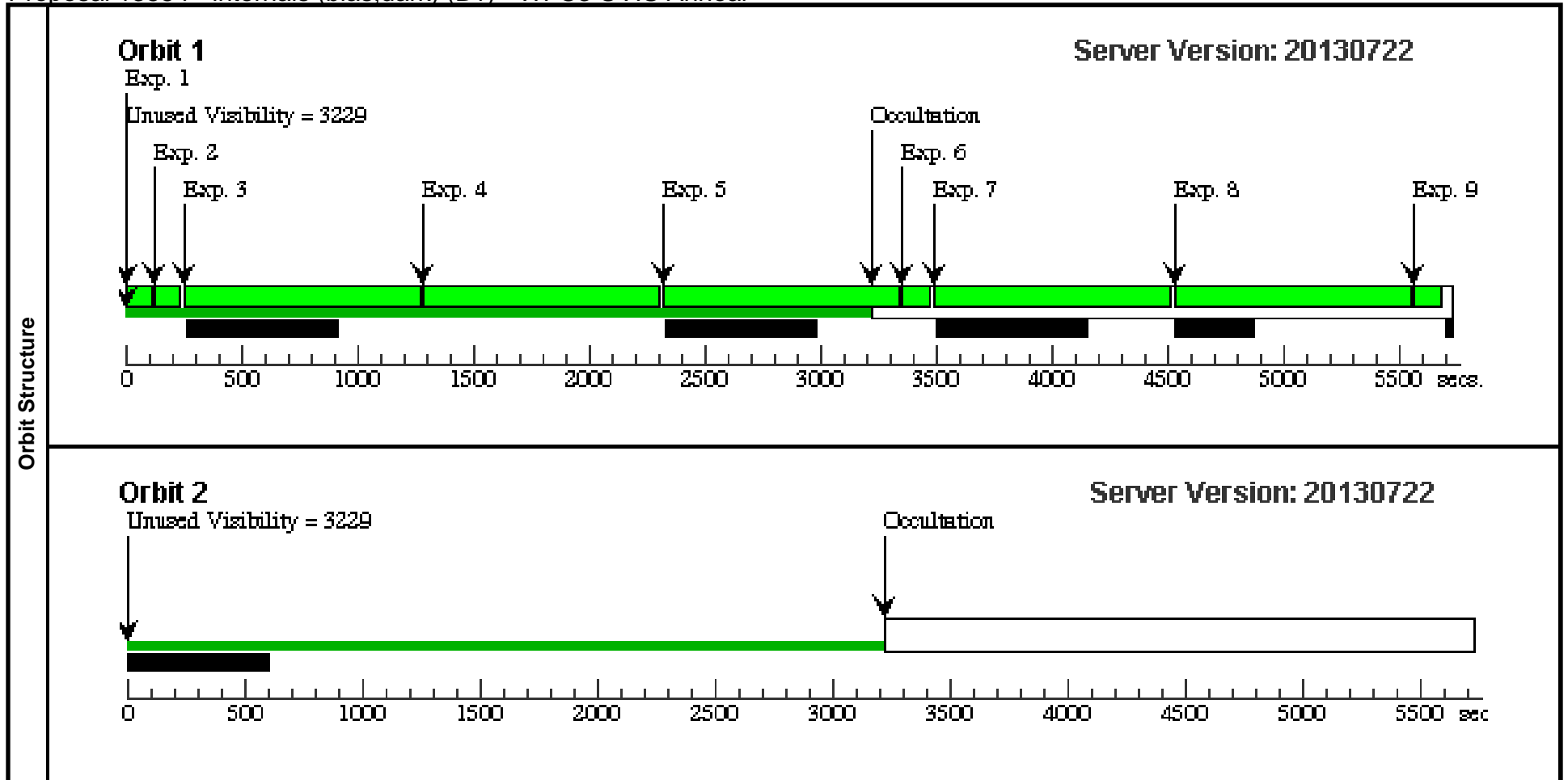


Proposal 13554 - internals (bias,dark) (B1) - WFC3 UVIS Anneal

Tue Sep 24 02:03:45 GMT 2013

<b>Visit</b>	<b>Proposal 13554, internals (bias,dark) (B1), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-SEP-2014:00:00:00 AND 14-SEP-2014:23:59:59; 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>									
	<b>Diagnosics</b> (internals (bias,dark) (B1)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	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]



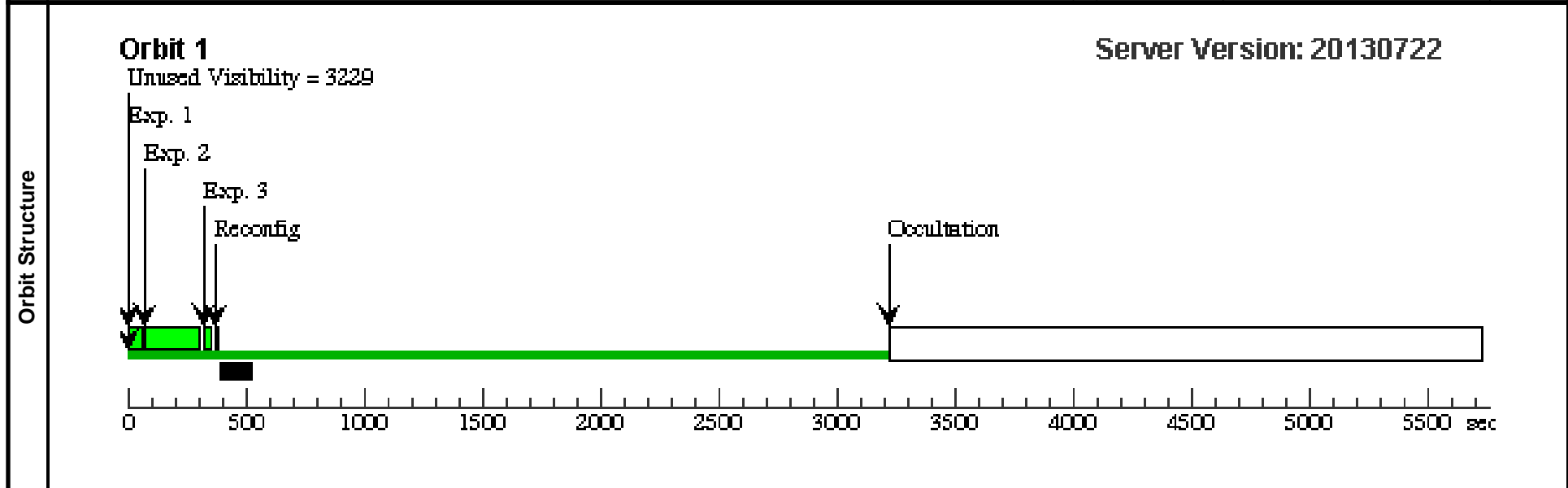


<b>Visit</b>	Proposal 13554, Sep 2014 anneal procedure (B2), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>										
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD				0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span></p> <p>Exp. 1</p> <p>Unused Visibility = 3229</p> <p>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 13554 - bowtie check/fix (B3) - WFC3 UVIS Anneal

<b>Visit</b>	<b>Proposal 13554, bowtie check/fix (B3), implementation</b> <span style="float: right;">Tue Sep 24 02:03:46 GMT 2013</span>							
	<b>Diagnostic Status: No Diagnostics</b>							
	Scientific Instruments: WFC3/UVIS							
	Special Requirements: (none)							

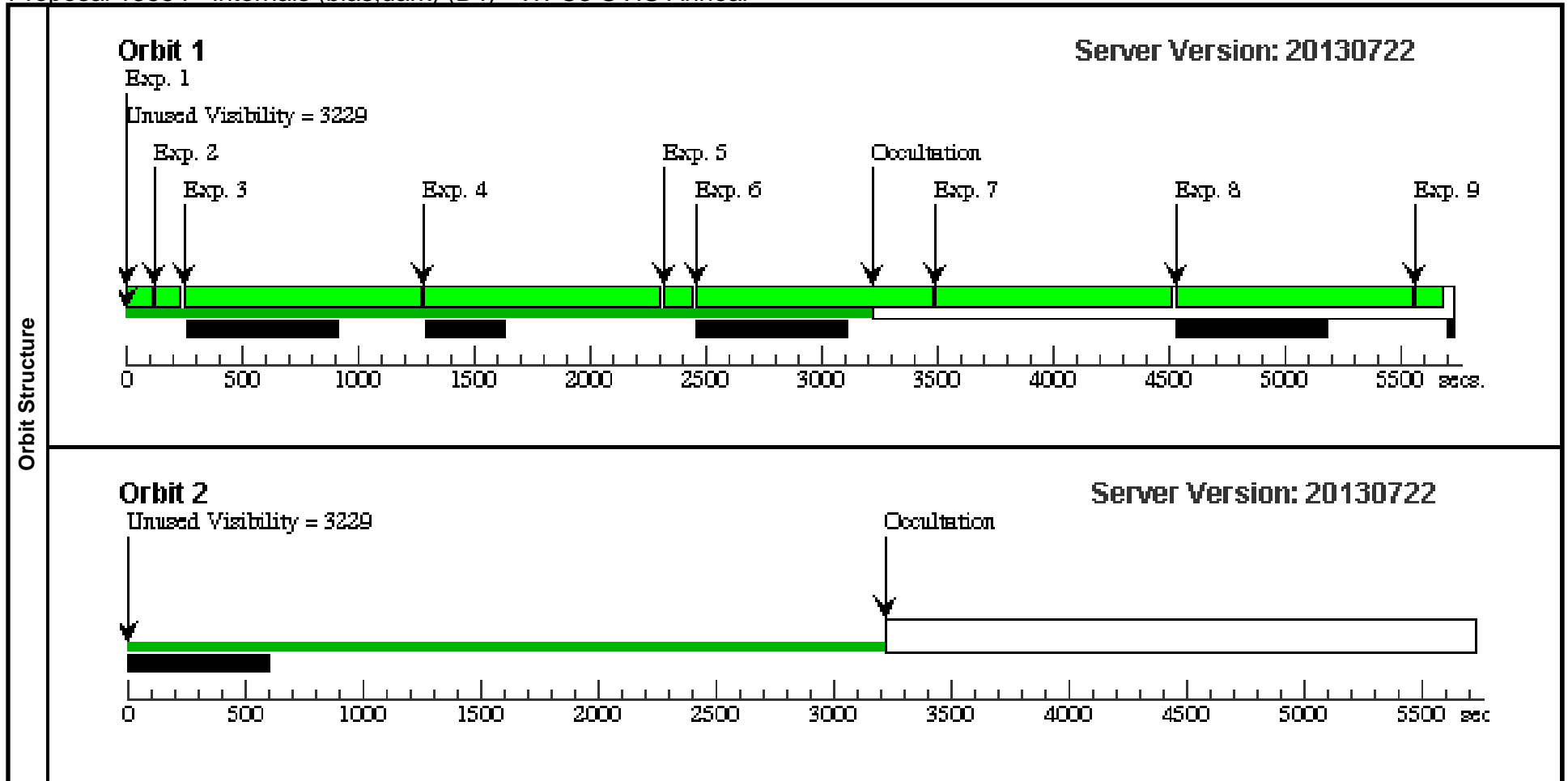
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (B3)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, 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 13554 - internals (bias,dark) (B4) - WFC3 UVIS Anneal

Tue Sep 24 02:03:46 GMT 2013

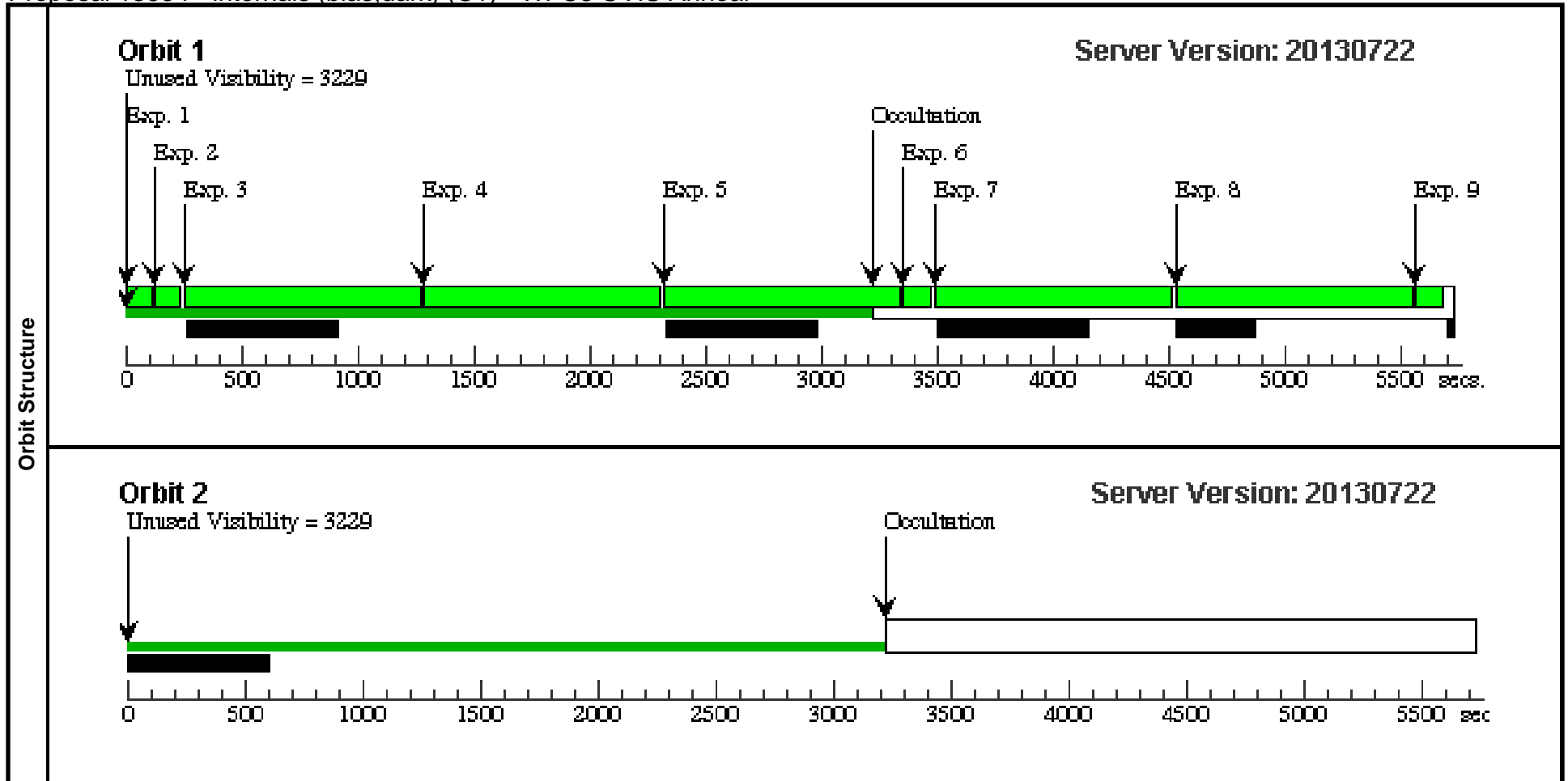
Visit	<b>Proposal 13554, internals (bias,dark) (B4), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (B4)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 13554 - internals (bias,dark) (C1) - WFC3 UVIS Anneal

Tue Sep 24 02:03:47 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (C1), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-OCT-2014:00:00:00 AND 12-OCT-2014:23:59:59; 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]	



<b>Visit</b>	Proposal 13554, Oct 2014 anneal procedure (C2), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>									
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>
1		Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD			0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span>                  Unused Visibility = 3229</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, labeled 'Exp. 1'. A white horizontal bar starts at approximately 3200 seconds and ends at 5500 seconds, labeled 'Occultation'. Two downward-pointing arrows are positioned at the start of the green bar (0 seconds) and the start of the white bar (approximately 3200 seconds).</p>									

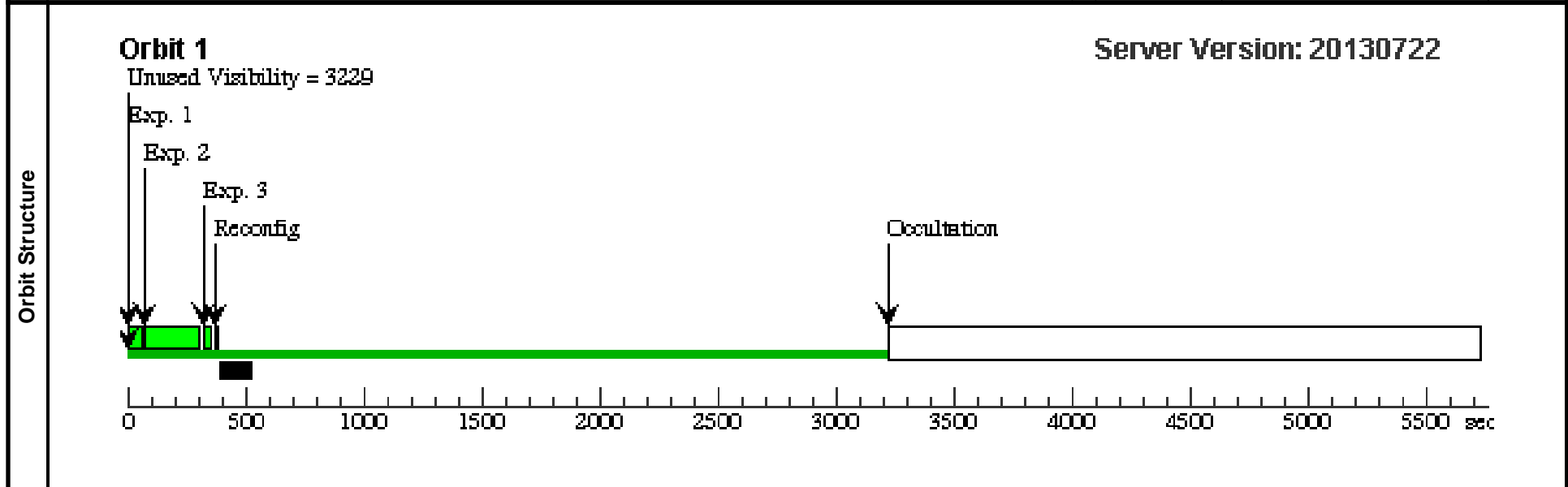


Proposal 13554 - bowtie check/fix (C3) - WFC3 UVIS Anneal

Tue Sep 24 02:03:48 GMT 2013

<b>Visit</b>	Proposal 13554, bowtie check/fix (C3), implementation								
	Diagnostic Status: No Diagnostics								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: (none)								

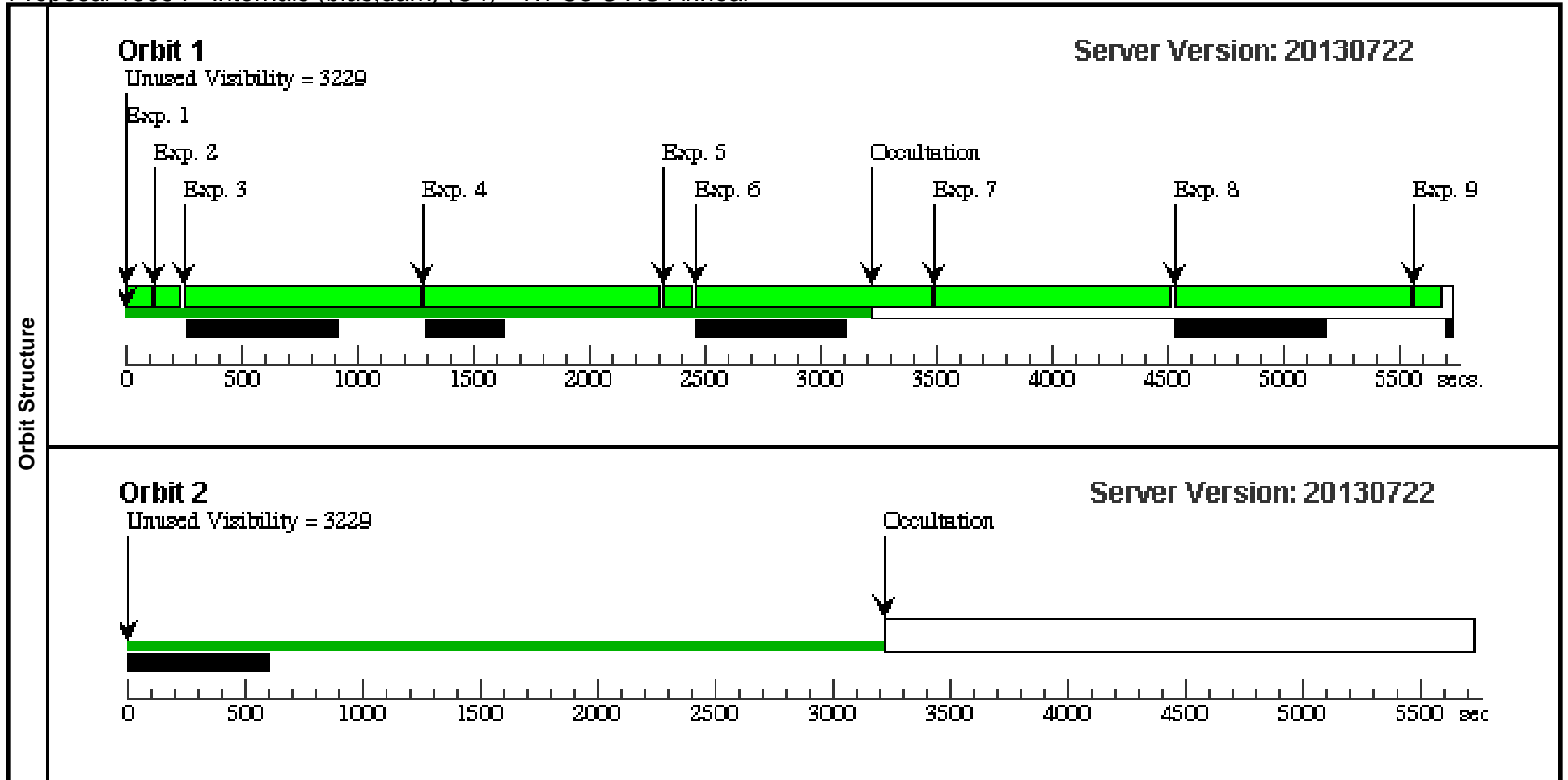
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (C3)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	WFC3/UVIS, 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 13554 - internals (bias,dark) (C4) - WFC3 UVIS Anneal

Tue Sep 24 02:03:48 GMT 2013

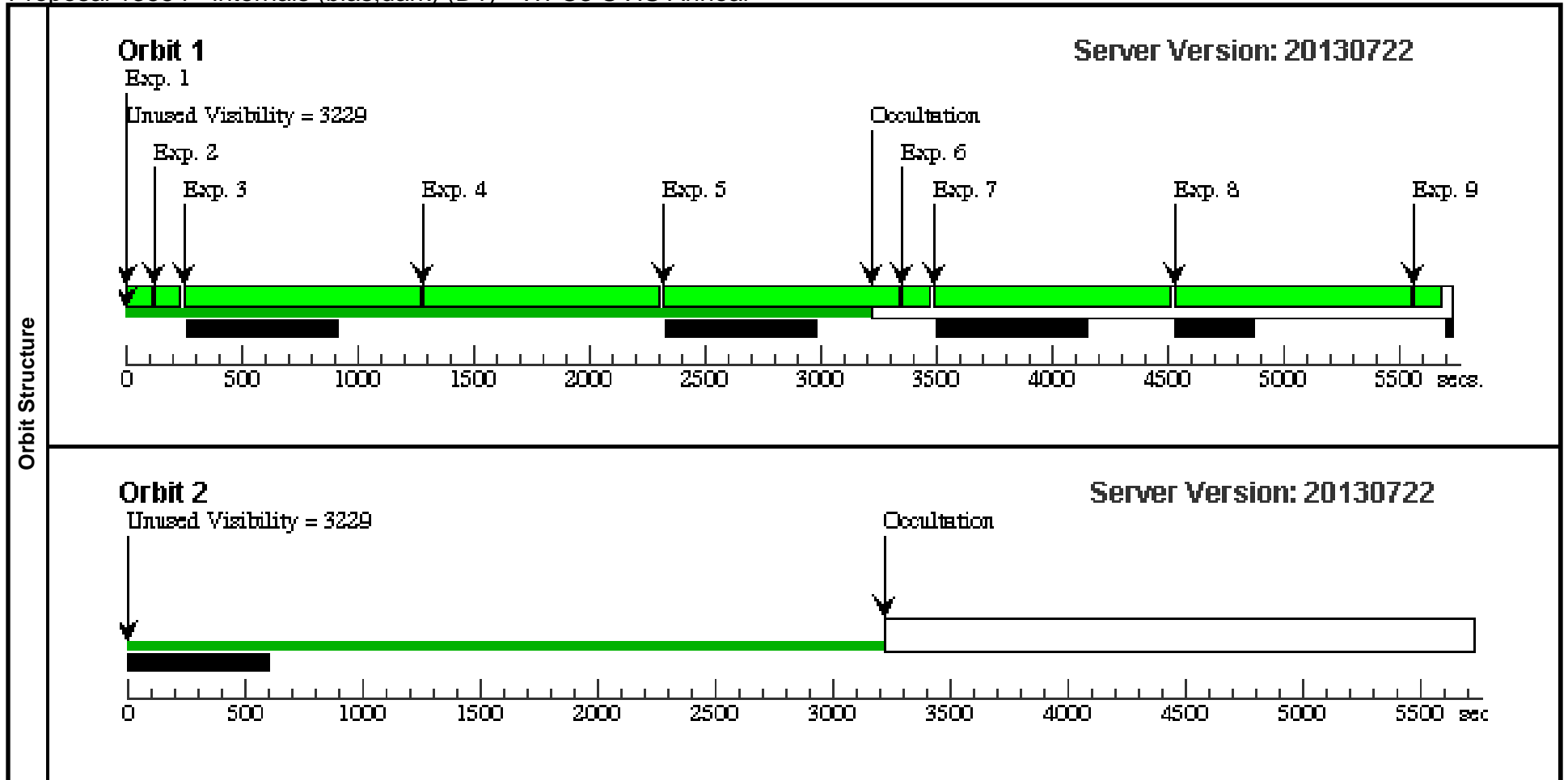
Visit	<b>Proposal 13554, internals (bias,dark) (C4), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (C4)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 13554 - internals (bias,dark) (D1) - WFC3 UVIS Anneal

Tue Sep 24 02:03:49 GMT 2013

<b>Visit</b>	<b>Proposal 13554, internals (bias,dark) (D1), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 03-NOV-2014:00:00:00 AND 09-NOV-2014:23:59:59; 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>									
	<b>Diagnosics</b> (internals (bias,dark) (D1)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	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]



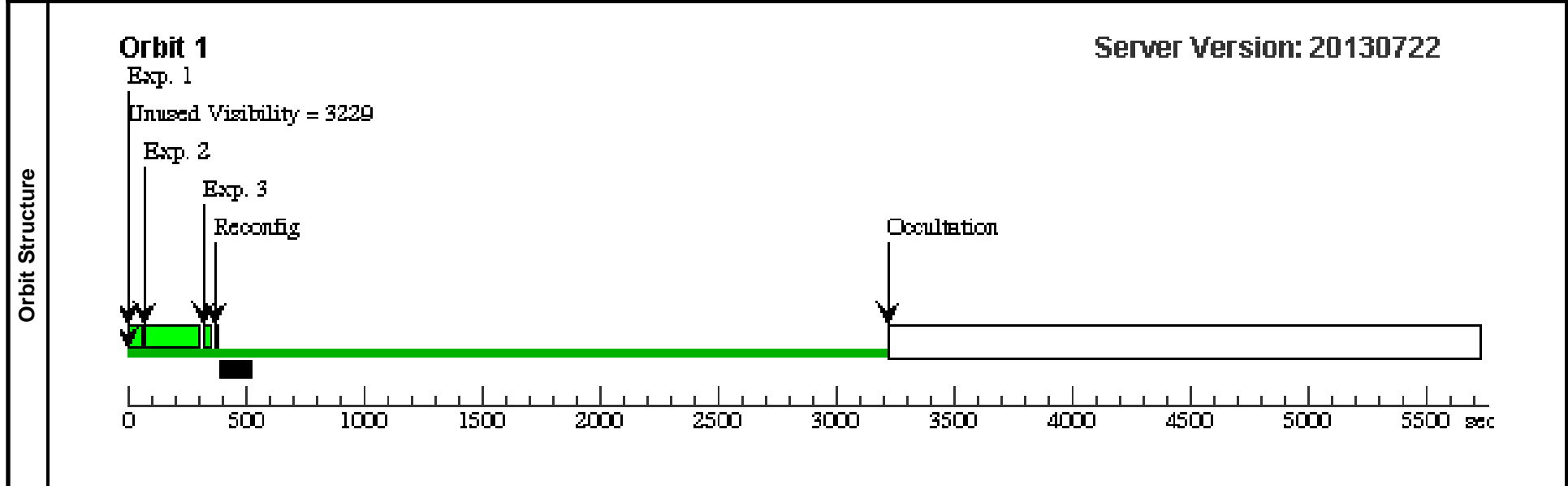
<b>Visit</b>	Proposal 13554, Nov 2014 anneal procedure (D2), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>		<b>Orbit</b>
	1	Anneal	NONE	WFC3, ANNEAL		IRTEMP=COLD				0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span>                  Unused Visibility = 3229</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 representing the exposure period starts at 0 seconds and ends at approximately 3200 seconds. A white bar representing the occultation period starts at approximately 3200 seconds and ends at approximately 5600 seconds. Two vertical arrows point downwards from the top of the green bar: one at the start (0 seconds) labeled 'Exp. 1', and one at the end (~3200 seconds) labeled 'Occultation'.</p>										

Proposal 13554 - bowtie check/fix (D3) - WFC3 UVIS Anneal

Tue Sep 24 02:03:49 GMT 2013

<b>Visit</b>	Proposal 13554, bowtie check/fix (D3), implementation								
	Diagnostic Status: No Diagnostics								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: (none)								

<b>Exposures</b>	#	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]

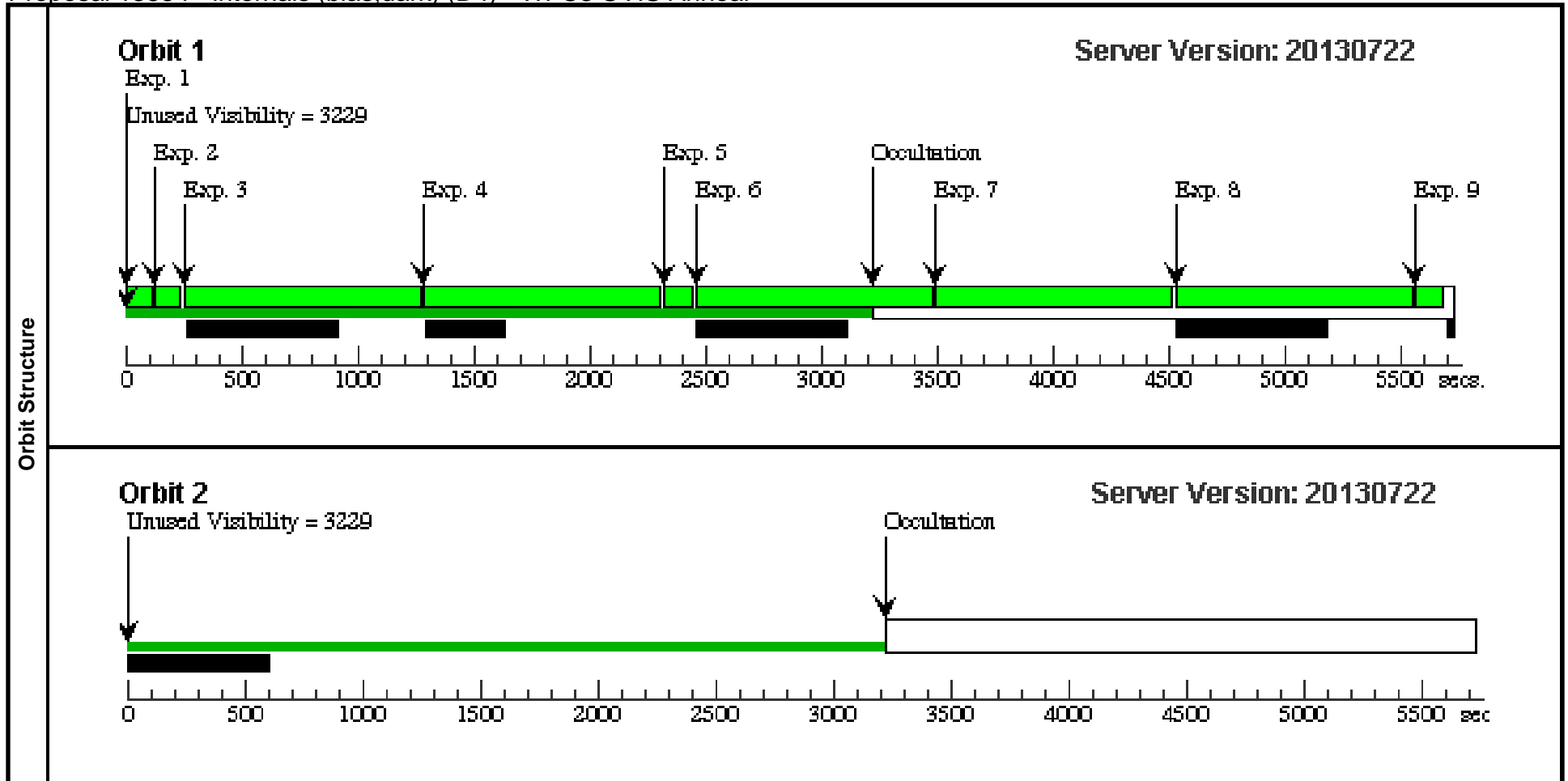


Proposal 13554 - internals (bias,dark) (D4) - WFC3 UVIS Anneal

Tue Sep 24 02:03:50 GMT 2013

Visit	<b>Proposal 13554, internals (bias,dark) (D4), implementation</b> <b>Diagnostic Status: Warning</b> 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]	

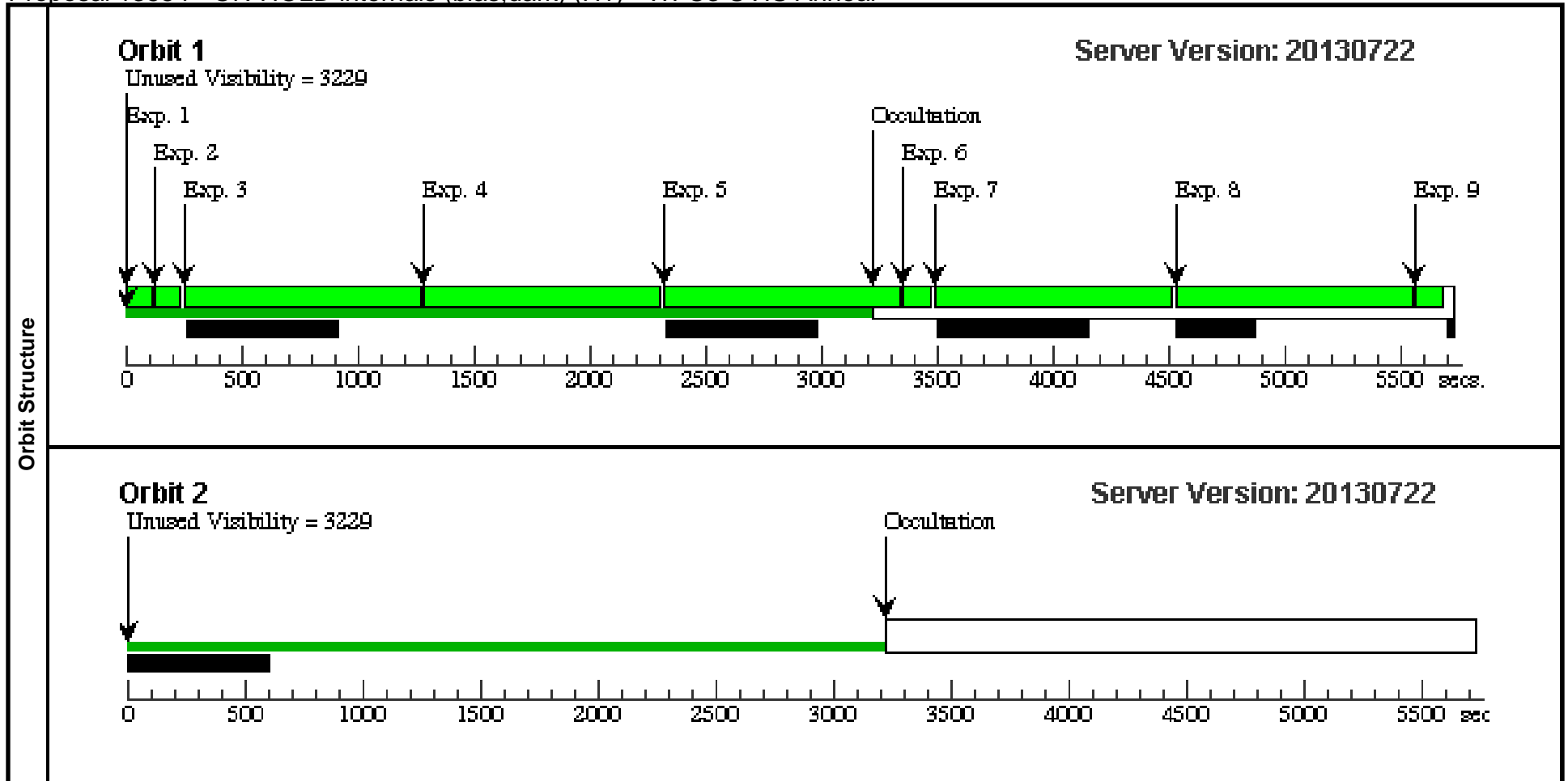




Proposal 13554 - ON-HOLD internals (bias,dark) (H1) - WFC3 UVIS Anneal

Tue Sep 24 02:03:50 GMT 2013

<b>Visit</b>	<b>Proposal 13554, ON-HOLD internals (bias,dark) (H1), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-DEC-2014:00:00:00 AND 07-DEC-2014:23:59:59; SEQ H1,H2,H3,H4,H5 WITHIN 72.0 H; ON HOLD Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back. 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.									
	<b>Diagnosics</b> (ON-HOLD internals (bias,dark) (H1)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	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 13554 - ON-HOLD IR warm anneal (H2) - WFC3 UVIS Anneal

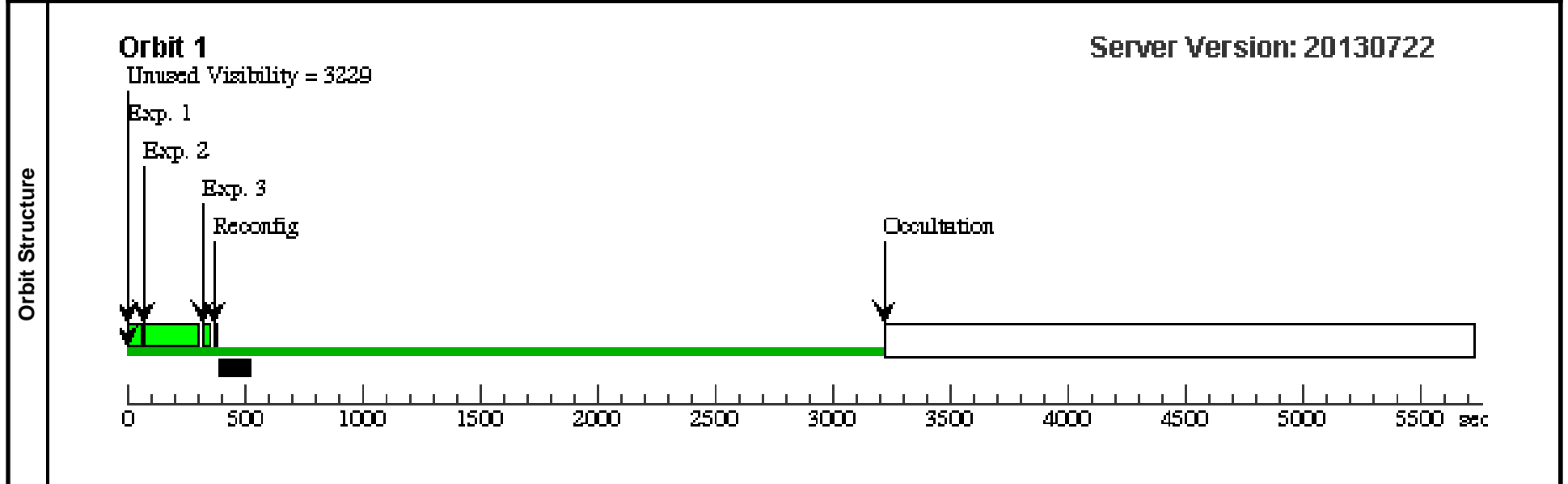
Tue Sep 24 02:03:51 GMT 2013

<b>Visit</b>	Proposal 13554, ON-HOLD IR warm anneal (H2), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	Anneal	NONE	WFC3, ANNEAL		IRTEMP=WARM			0 Secs (0 Secs) [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20130722</b></span></p> <p>Exp. 1</p> <p>Unused Visibility = 3229</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

Proposal 13554 - ON-HOLD bowtie check/fix (H3) - WFC3 UVIS Anneal

<b>Visit</b>	<b>Proposal 13554, ON-HOLD bowtie check/fix (H3), implementation</b> <span style="float: right;">Tue Sep 24 02:03:51 GMT 2013</span>							
	<b>Diagnostic Status: No Diagnostics</b>							
	Scientific Instruments: WFC3/UVIS							
	Special Requirements: (none)							

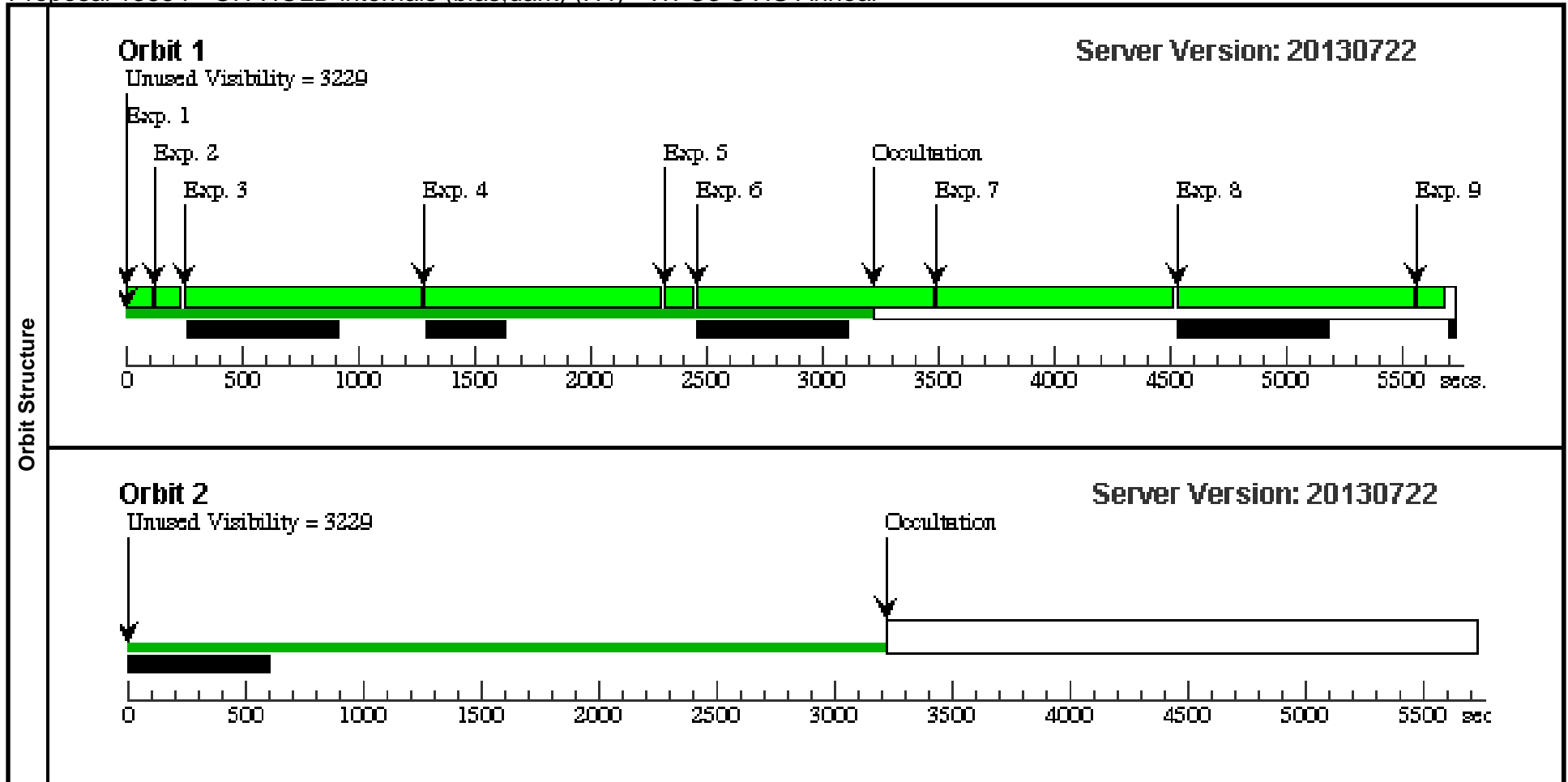
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in ON-HOLD bowtie check/fix (H3)	1.0 Secs (1 Secs) [==>]	[1]
	2	neutralizer	TUNGSTEN	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 13554 - ON-HOLD internals (bias,dark) (H4) - WFC3 UVIS Anneal

Tue Sep 24 02:03:51 GMT 2013

Visit	<b>Proposal 13554, ON-HOLD internals (bias,dark) (H4), implementation</b> <b>Diagnostic Status: Warning</b> 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 13554 - ON-HOLD IR dark (H5) - WFC3 UVIS Anneal

Tue Sep 24 02:03:52 GMT 2013

<b>Visit</b>	Proposal 13554, ON-HOLD IR dark (H5), implementation									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

<b>Exposures</b>	#	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) [==>]

