



## 15712 - WFC3 UVIS Anneal

Cycle: 27, Proposal Category: CAL/WFC3

(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	09-Aug-2019 17:04:28.0	yes
02	NONE	WFC3	1	09-Aug-2019 17:04:28.0	yes
03	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:04:29.0	yes
04	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:30.0	yes
11	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:31.0	yes
12	NONE	WFC3	1	09-Aug-2019 17:04:32.0	yes
13	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:04:32.0	yes
14	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:33.0	yes
21	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:35.0	yes

Proposal 15712 (STScI Edit Number: 1, Created: Friday, August 9, 2019 at 4:05:11 PM Eastern Standard Time) - 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>
22	NONE	WFC3	1	09-Aug-2019 17:04:35.0	yes
23	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:04:35.0	yes
24	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:36.0	yes
31	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:38.0	yes
32	NONE	WFC3	1	09-Aug-2019 17:04:38.0	yes
33	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:04:39.0	yes
34	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:40.0	yes
41	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:41.0	yes
42	NONE	WFC3	1	09-Aug-2019 17:04:41.0	yes
43	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:04:42.0	yes
44	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:43.0	yes
51	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:44.0	yes
52	NONE	WFC3	1	09-Aug-2019 17:04:44.0	yes
53	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:04:45.0	yes
54	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:46.0	yes
61	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:47.0	yes
62	NONE	WFC3	1	09-Aug-2019 17:04:47.0	yes
63	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:04:48.0	yes
64	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:49.0	yes

Proposal 15712 (STScI Edit Number: 1, Created: Friday, August 9, 2019 at 4:05:11 PM Eastern Standard Time) - 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>
71	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:50.0	yes
72	NONE	WFC3	1	09-Aug-2019 17:04:50.0	yes
73	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:04:51.0	yes
74	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:52.0	yes
81	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:53.0	yes
82	NONE	WFC3	1	09-Aug-2019 17:04:54.0	yes
83	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:04:54.0	yes
84	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:55.0	yes
91	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:56.0	yes
92	NONE	WFC3	1	09-Aug-2019 17:04:57.0	yes
93	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:04:57.0	yes
94	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:58.0	yes
A1	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:04:59.0	yes
A2	NONE	WFC3	1	09-Aug-2019 17:05:00.0	yes
A3	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:05:00.0	yes
A4	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:05:01.0	yes
B1	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:05:02.0	yes
B2	NONE	WFC3	1	09-Aug-2019 17:05:03.0	yes
B3	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:05:03.0	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>
B4	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:05:04.0	yes
C1	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:05:05.0	yes
C2	NONE	WFC3	1	09-Aug-2019 17:05:06.0	yes
C3	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:05:06.0	yes
C4	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:05:07.0	yes
D1	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:05:08.0	yes
D2	NONE	WFC3	1	09-Aug-2019 17:05:09.0	yes
D3	TUNGSTEN	WFC3/UVIS	1	09-Aug-2019 17:05:09.0	yes
D4	BIAS DARK	WFC3/UVIS	2	09-Aug-2019 17:05:10.0	yes
D5	DARK	WFC3/IR	1	09-Aug-2019 17:05:11.0	yes

85 Total Orbits Used

## ABSTRACT

Perform regular anneal procedures to 1) repair hot pixels and 2) acquire internal exposures to assess the effectiveness of each anneal as well as allow production of superbias and superdark reference files for the calibration pipeline.

## OBSERVING DESCRIPTION

WFC3 anneals are performed every 28 days, a cadence which optimally interleaves the WFC3 procedure with those from other instruments, one instrument per week.

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. A bowtie visit is acquired immediately after each anneal to provide a hysteresis-neutralizing image as well as verify that any hysteresis present has been successfully quenched. The Cycle 26 WFC3 anneals have been performed keeping the IR detector cold (IRTEMP=COLD). In Cycle 27, 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.

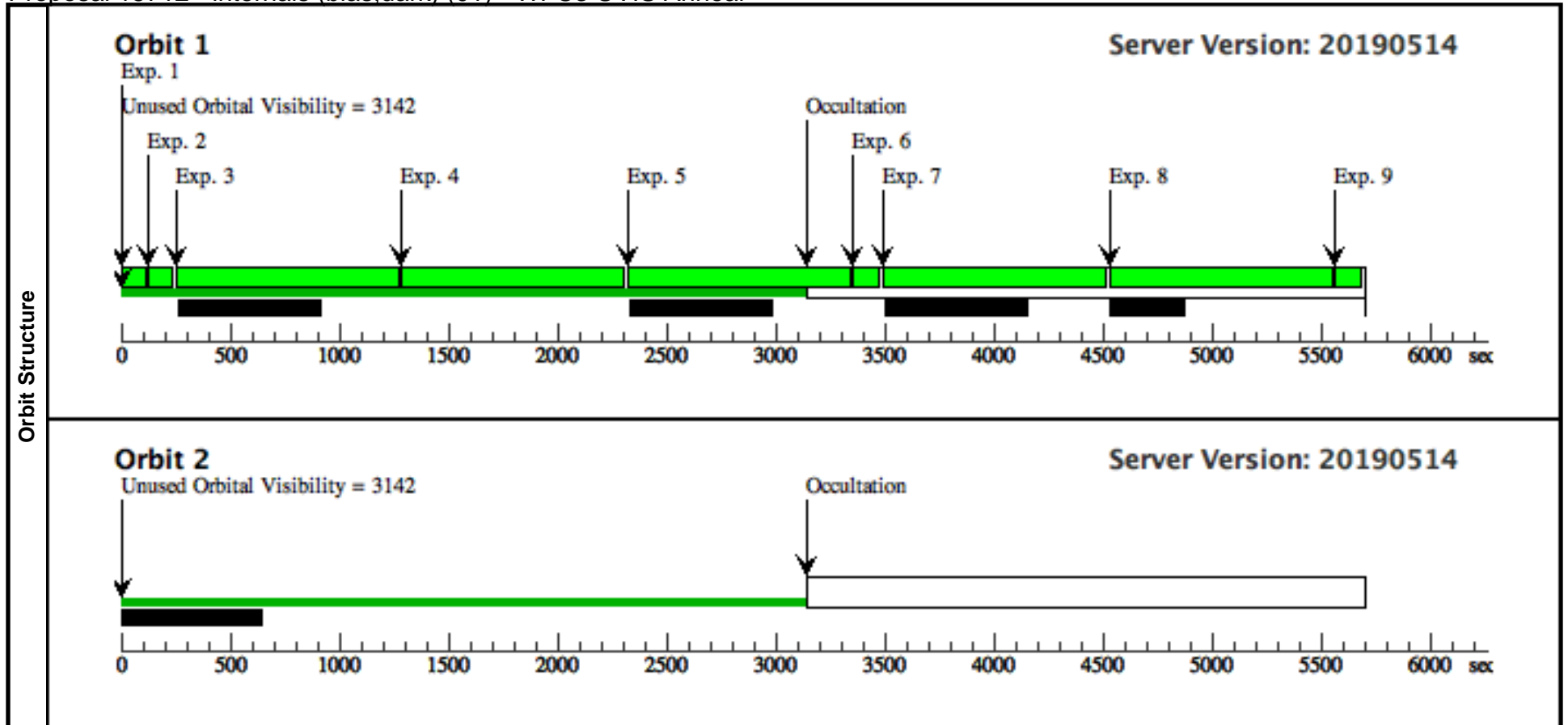
Each iteration requires 6 internal orbits (2 before/2 after each anneal for biases/darks + 1 orbit for the anneal itself + 1 orbit for the attached post-anneal bowtie visit). Seamless continuity across the cycle boundary requires 13 anneals. One orbit for 1 IR dark to be taken only in the event an original anneal procedure (warming the IR detector) is performed in Cycle 27.

Each IR-cold anneal iteration consists of a grouping of 4 visits (anneal 1: visits 1,2,3,4; anneal 2: visits 11,12,13,14; anneal 3: visits 21,22,23,24, etc.) for a total of 13 iterations. In addition, there is a 14th iteration, marked ON-HOLD (visits D1,D2,D3,D4,D5 : there is one extra orbit for 1 IR dark). In the event an IR-WARM anneal is deemed necessary in Cycle 27 (i.e. where both UVIS and IR are warmed), the ON-HOLD visits would be activated and used \*instead\* of one of the IR-COLD iterations.

Proposal 15712 - internals (bias,dark) (01) - WFC3 UVIS Anneal

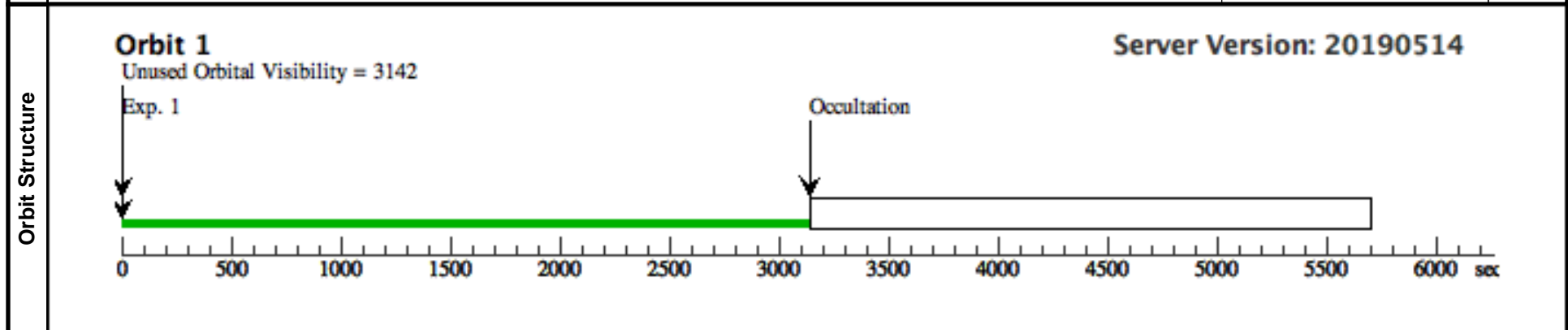
Fri Aug 09 21:05:11 GMT 2019

Visit	<b>Proposal 15712, internals (bias,dark) (01), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-NOV-2019:00:00:00 AND 02-DEC-2019:00:00:00; SEQ 01,02,03,04 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) (01)) 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 15712, Nov 2019 anneal procedure (02), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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]





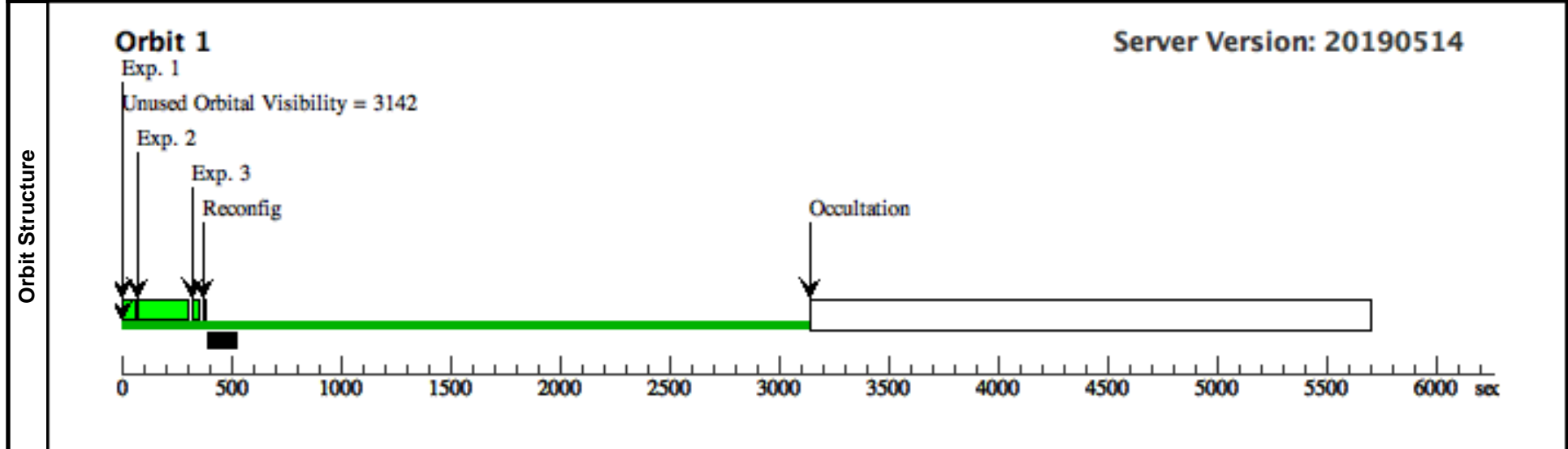
Proposal 15712 - bowtie check/fix (03) - WFC3 UVIS Anneal

Fri Aug 09 21:05:12 GMT 2019

<b>Visit</b>	<p><b>Proposal 15712, bowtie check/fix (03), implementation</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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<b>Diagnostics</b>	<p>(initial check (03.001)) 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 (03.002)) 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 (03.003)) 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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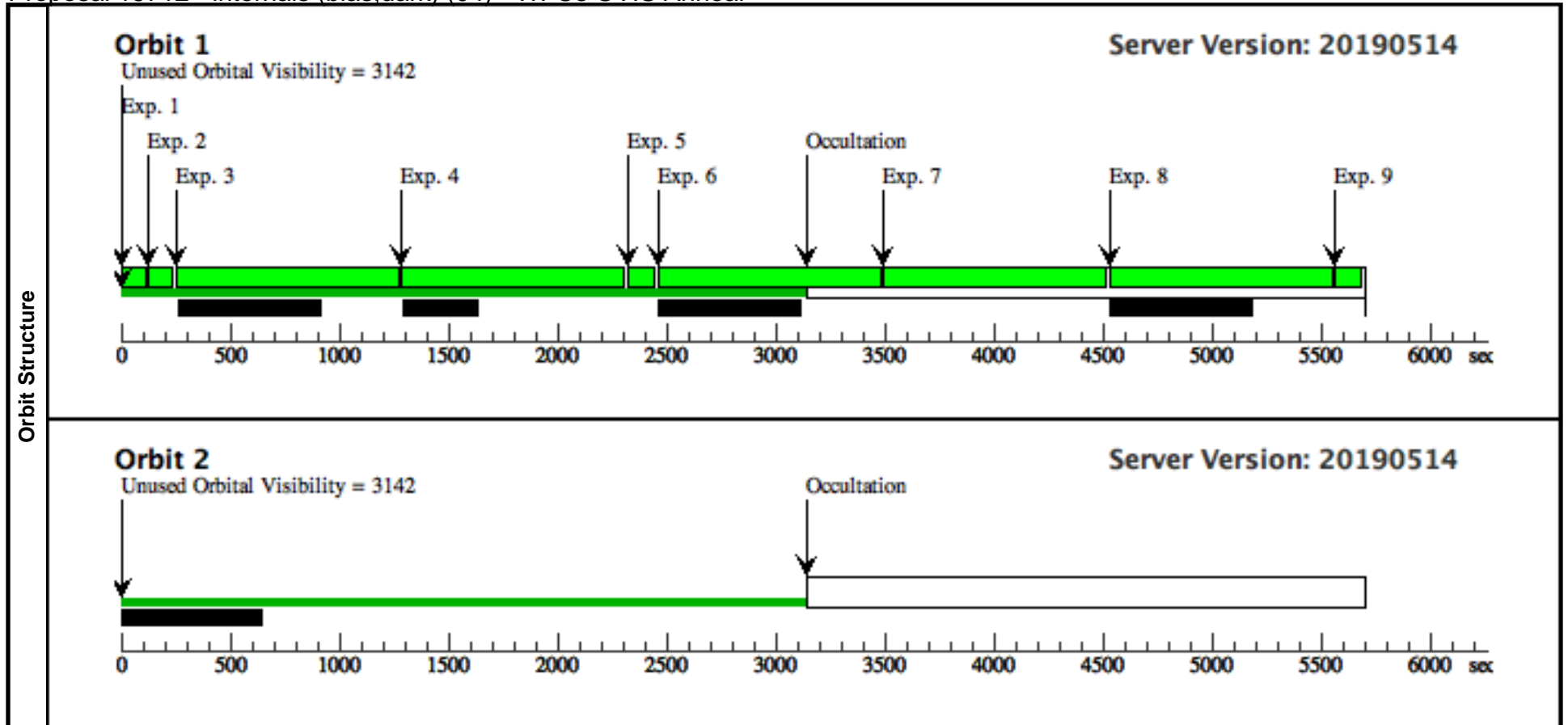
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (03)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	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 15712 - internals (bias,dark) (04) - WFC3 UVIS Anneal

Fri Aug 09 21:05:12 GMT 2019

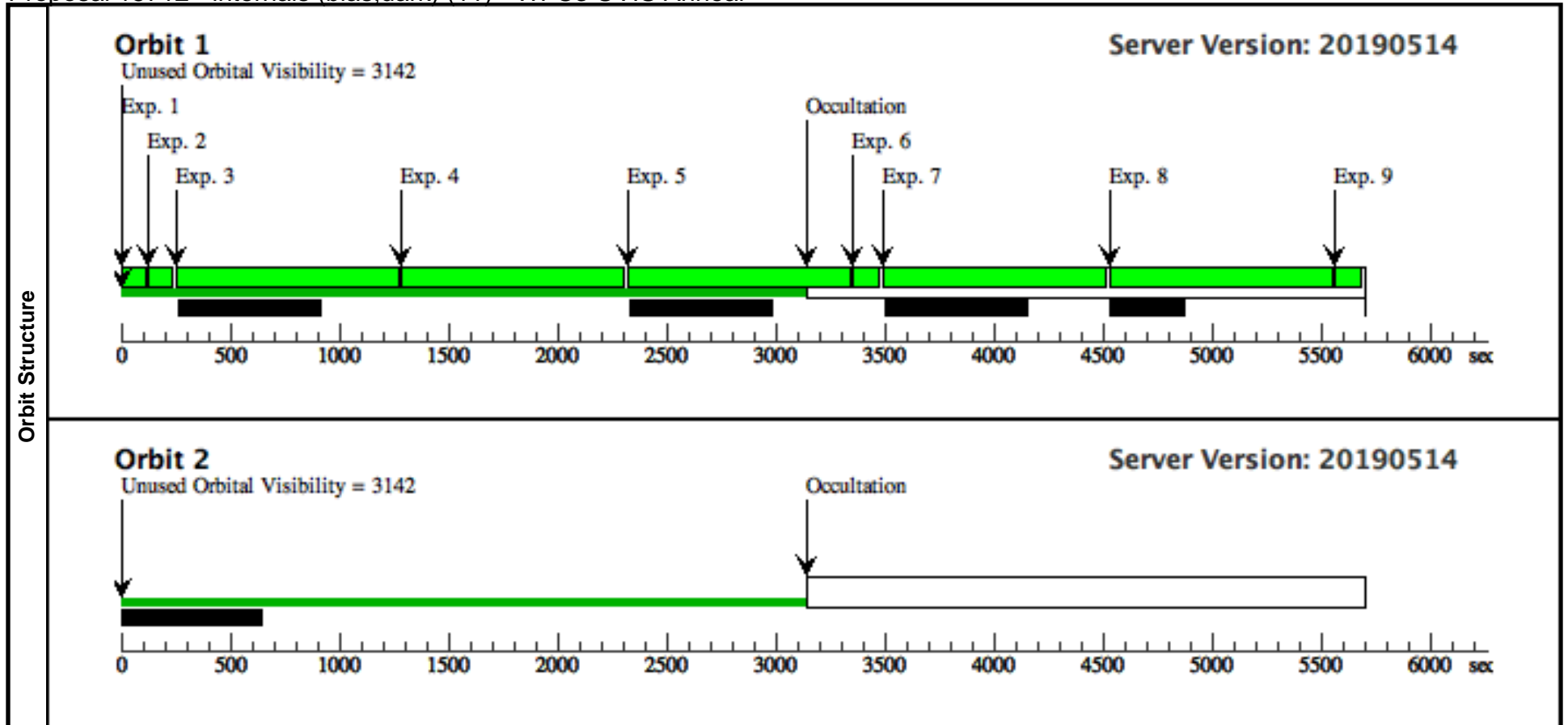
Visit	<b>Proposal 15712, internals (bias,dark) (04), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (04)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 15712 - internals (bias,dark) (11) - WFC3 UVIS Anneal

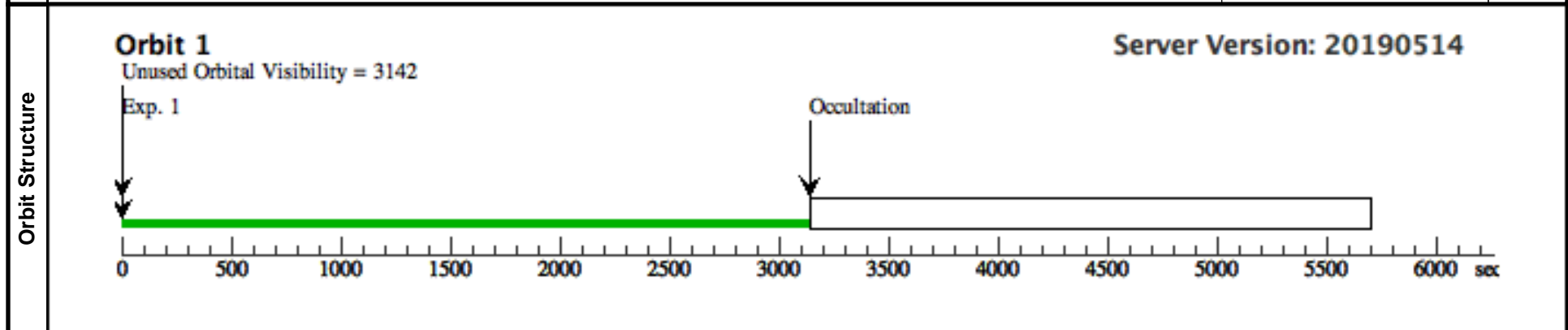
Fri Aug 09 21:05:12 GMT 2019

<b>Visit</b>	<b>Proposal 15712, internals (bias,dark) (11), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 23-DEC-2019:00:00:00 AND 30-DEC-2019:00:00:00; SEQ 11,12,13,14 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) (11)) 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 15712, Dec 2019 anneal procedure (12), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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]



Proposal 15712 - bowtie check/fix (13) - WFC3 UVIS Anneal

Fri Aug 09 21:05:12 GMT 2019

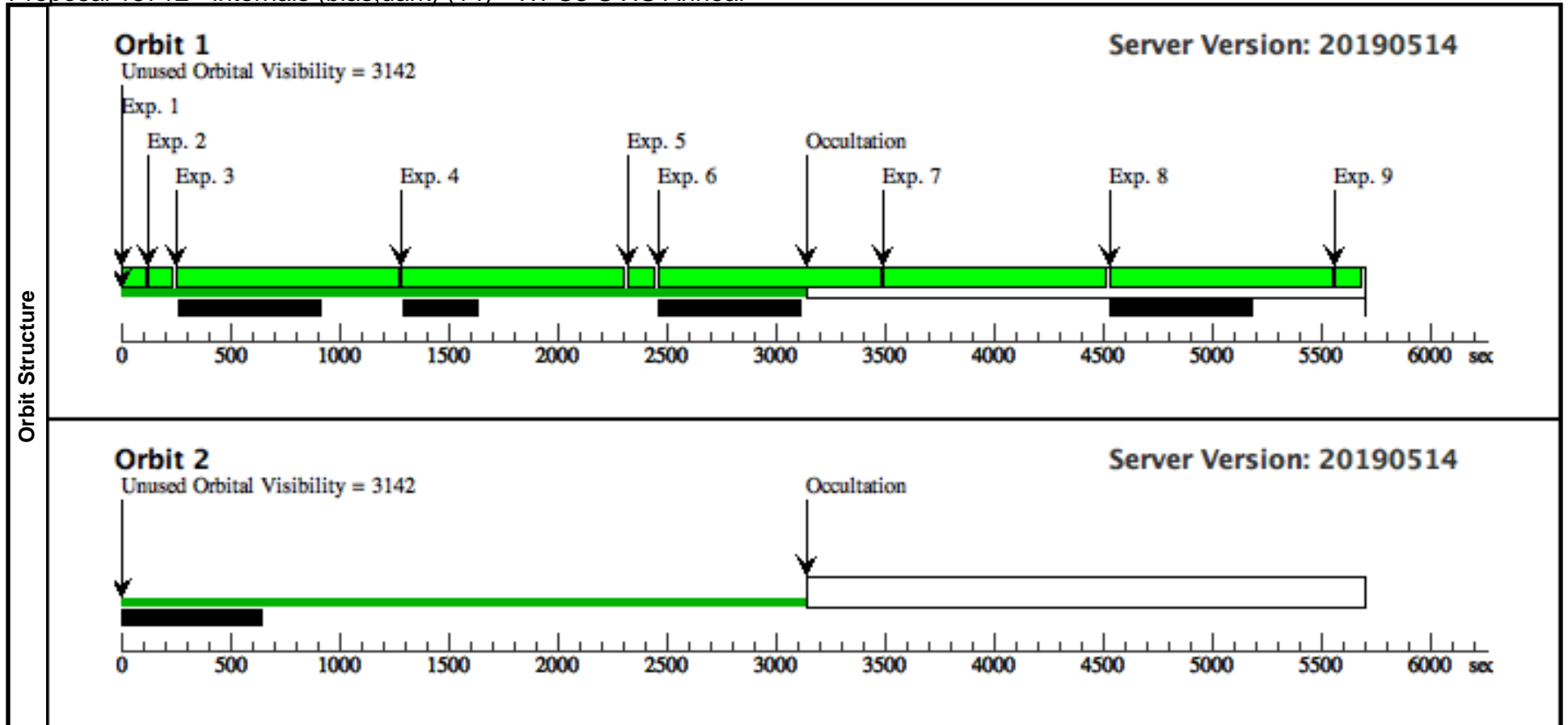
<b>Visit</b>	<b>Proposal 15712, bowtie check/fix (13), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	(initial check (13.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended 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									
<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	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]
<b>Orbit Structure</b>	<div style="display: flex; justify-content: space-between;"> <div> <p><b>Orbit 1</b></p> <p>Exp. 1</p> <p>Unused Orbital Visibility = 3142</p> <p>Exp. 2</p> <p>Exp. 3</p> <p>Reconfig</p> <p>Occultation</p> </div> <div style="text-align: right;"> <p><b>Server Version: 20190514</b></p> </div> </div> <p>The figure is a horizontal timeline representing the orbit structure over 6000 seconds. The x-axis is labeled 'sec' and has major ticks every 500 units from 0 to 6000. A green bar at the top indicates the total orbital visibility, which is 3142 seconds. Three small vertical bars represent exposures: Exp. 1 at approximately 100s, Exp. 2 at approximately 300s, and Exp. 3 at approximately 400s. A 'Reconfig' event is shown as a small black bar between Exp. 2 and Exp. 3. An 'Occultation' event is shown as a vertical line at approximately 3142s, where the green bar ends. The remaining time from 3142s to 6000s is shown as a white bar, representing the period of occultation.</p>									

Proposal 15712 - internals (bias,dark) (14) - WFC3 UVIS Anneal

Fri Aug 09 21:05:12 GMT 2019

Visit	<b>Proposal 15712, 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]	

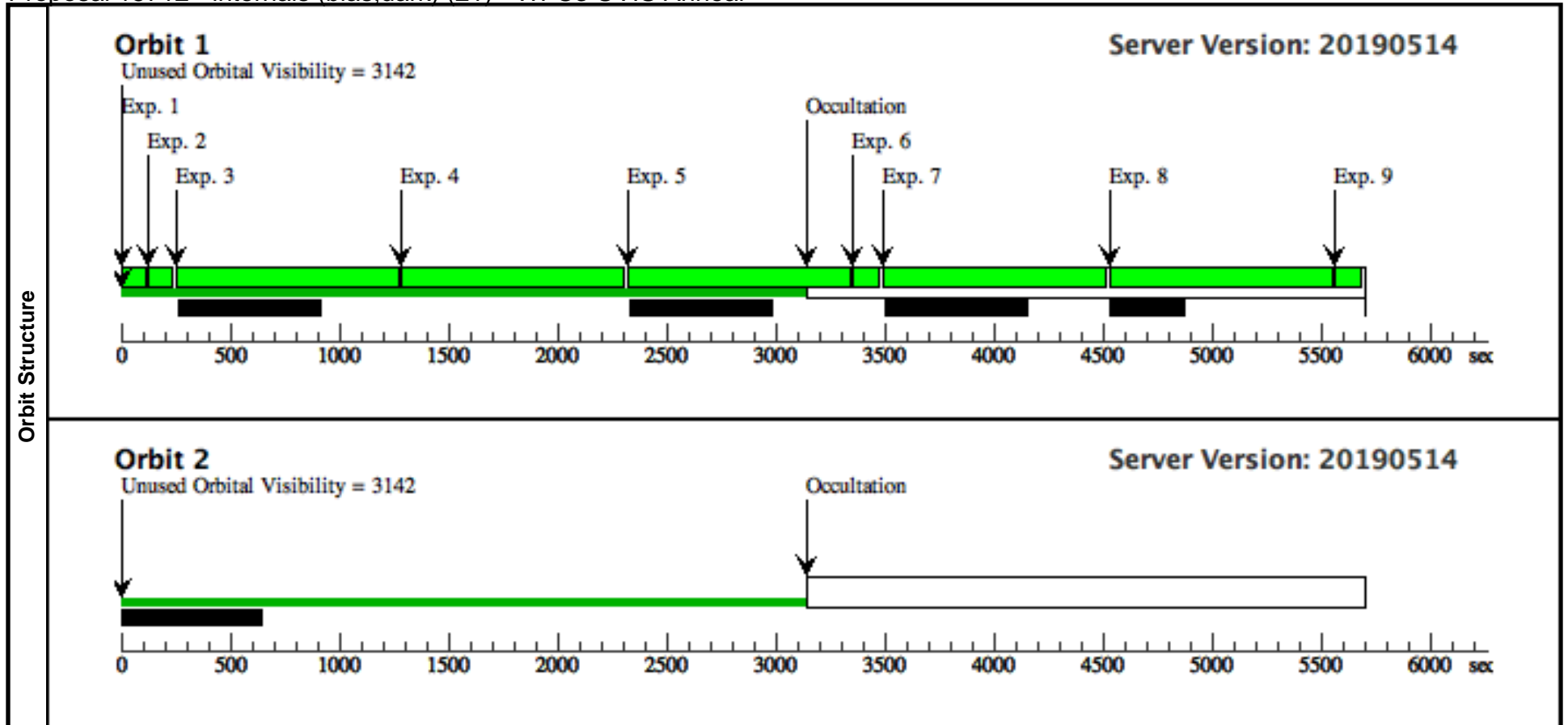




Proposal 15712 - internals (bias,dark) (21) - WFC3 UVIS Anneal

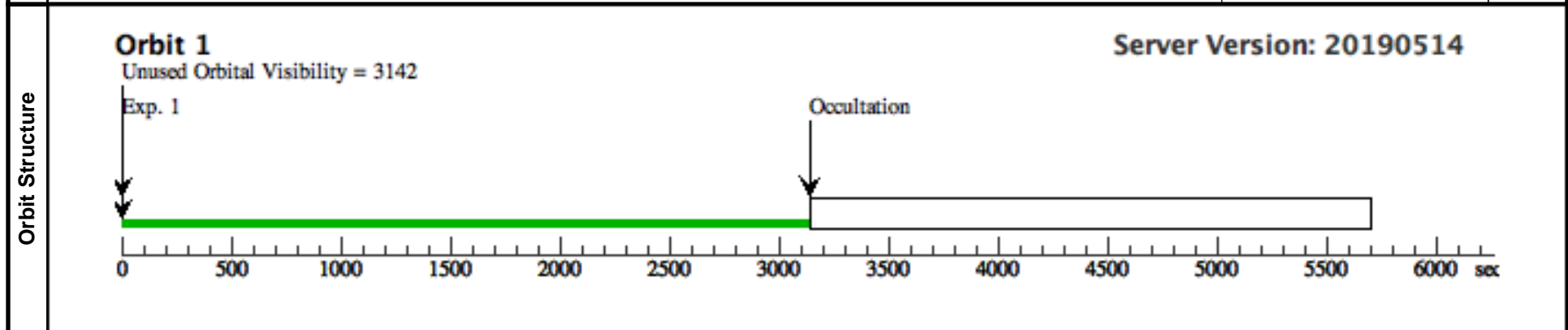
Fri Aug 09 21:05:12 GMT 2019

Visit	<b>Proposal 15712, internals (bias,dark) (21), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 20-JAN-2020:00:00:00 AND 27-JAN-2020:00:00:00; 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]	



<b>Visit</b>	Proposal 15712, Jan 2020 anneal procedure (22), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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]



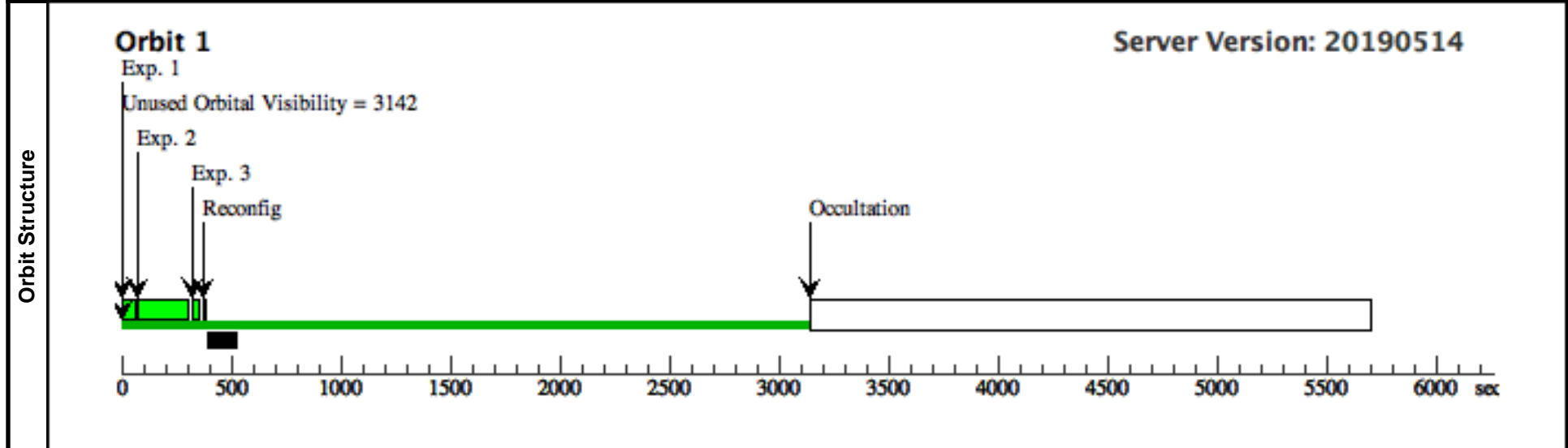
Proposal 15712 - bowtie check/fix (23) - WFC3 UVIS Anneal

Fri Aug 09 21:05:12 GMT 2019

<b>Visit</b>	<p>Proposal 15712, bowtie check/fix (23), implementation</p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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<b>Diagnostics</b>	<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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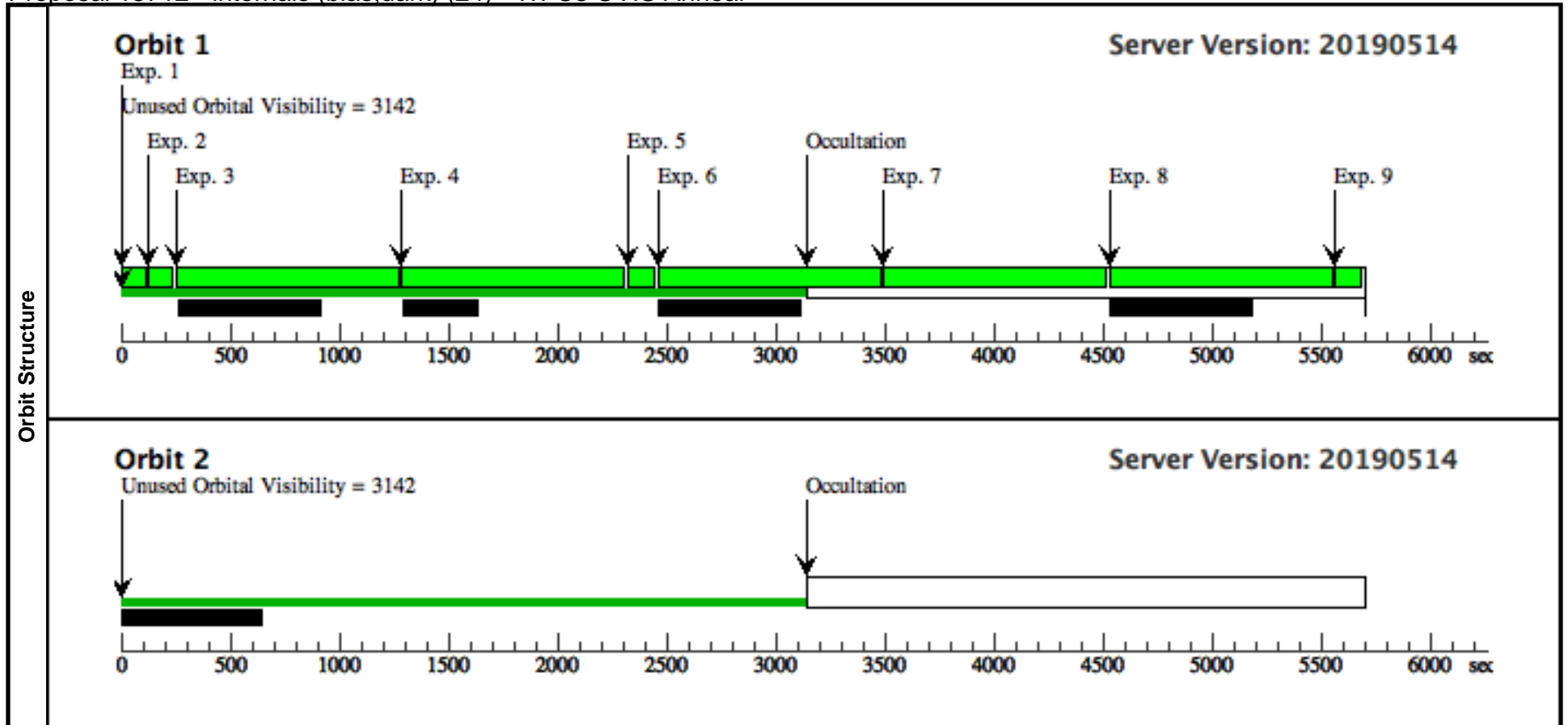
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (23)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	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 15712 - internals (bias,dark) (24) - WFC3 UVIS Anneal

Fri Aug 09 21:05:12 GMT 2019

Visit	<b>Proposal 15712, 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]	

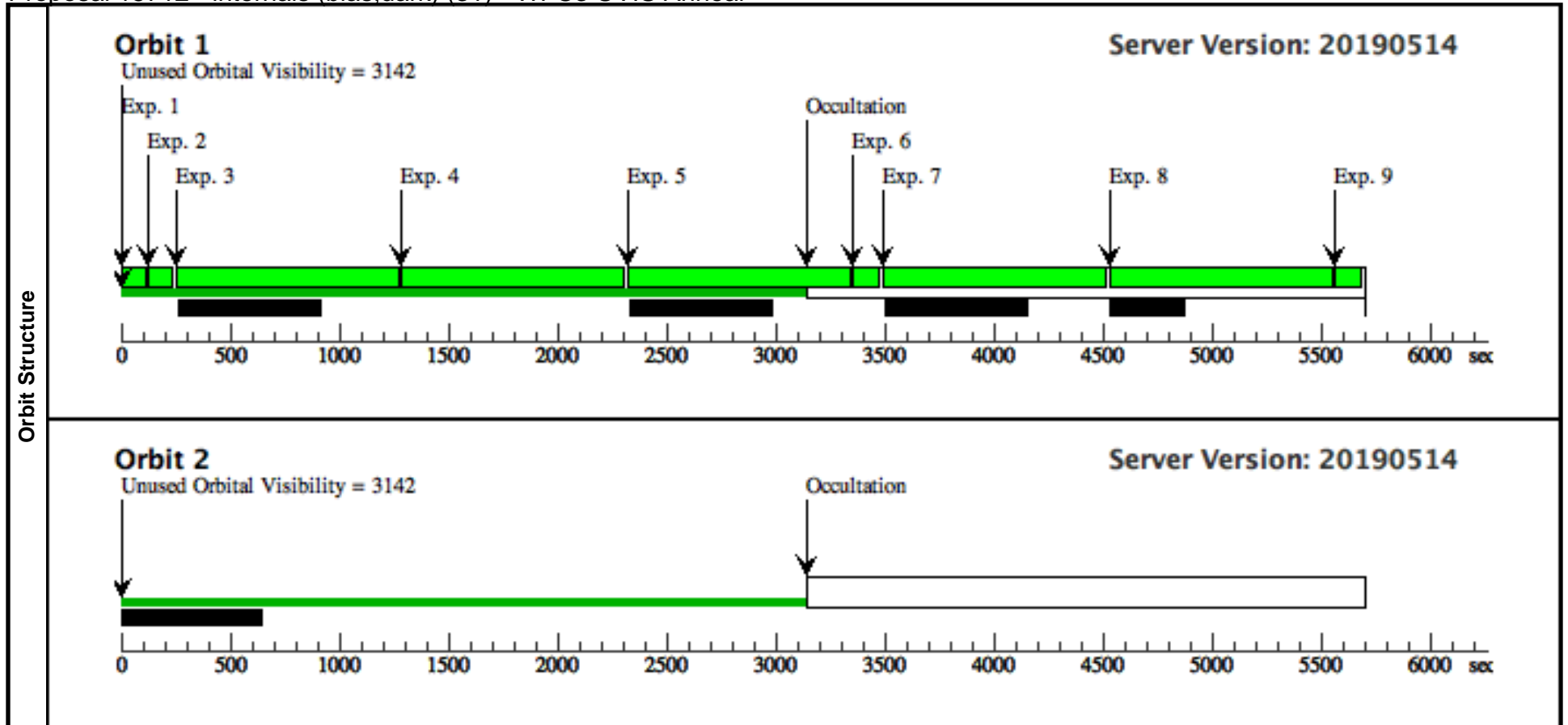


Proposal 15712 - internals (bias,dark) (31) - WFC3 UVIS Anneal

Fri Aug 09 21:05:12 GMT 2019

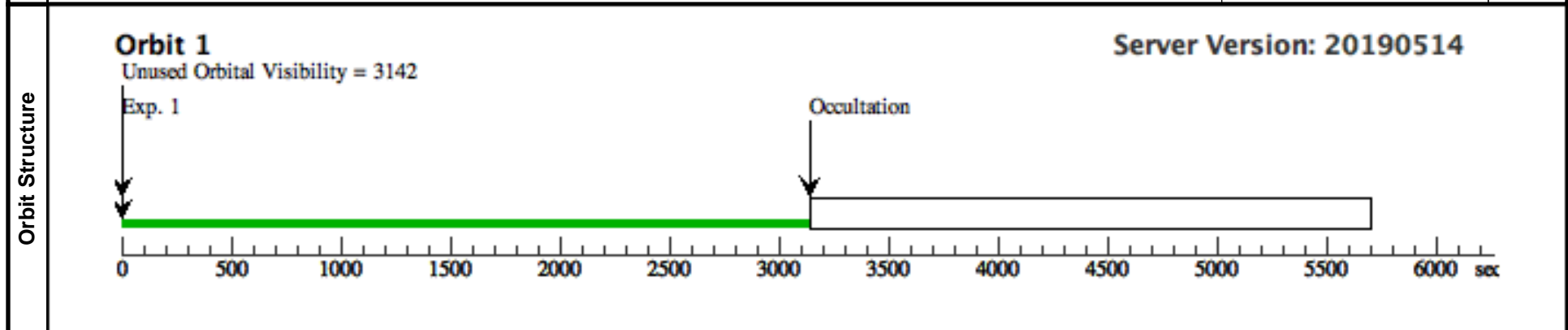
<b>Visit</b>	<b>Proposal 15712, internals (bias,dark) (31), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-FEB-2020:00:00:00 AND 24-FEB-2020:00:00:00; SEQ 31,32,33,34 WITHIN 72 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>									
	<b>Diagnosics</b> (internals (bias,dark) (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 15712, Feb 2020 anneal procedure (32), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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]



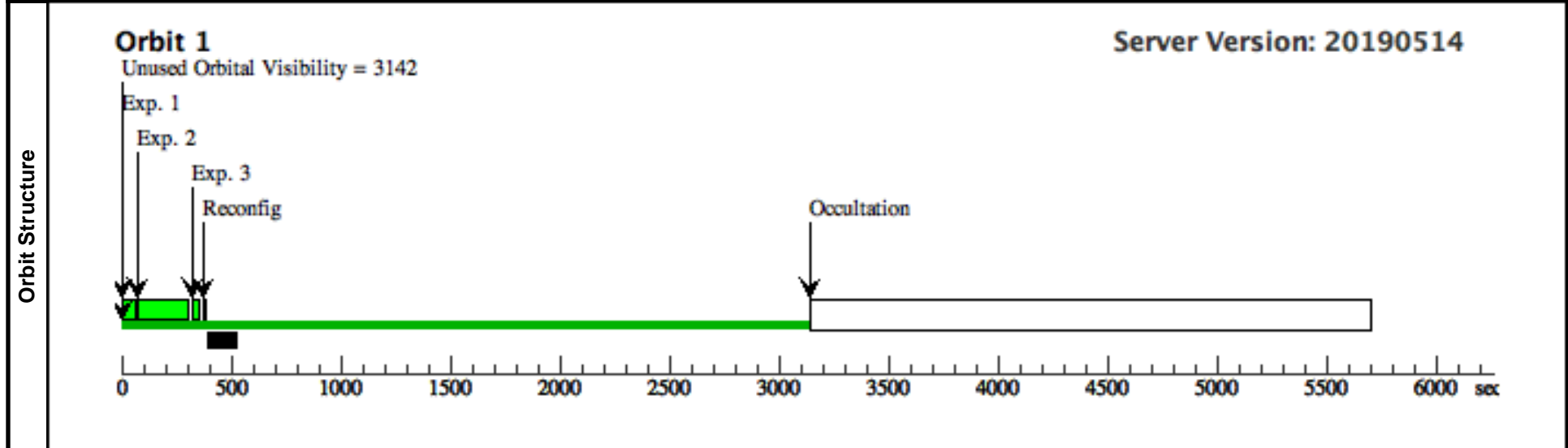
Proposal 15712 - bowtie check/fix (33) - WFC3 UVIS Anneal

Fri Aug 09 21:05:12 GMT 2019

<b>Visit</b>	<p>Proposal 15712, bowtie check/fix (33), implementation</p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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<b>Diagnostics</b>	<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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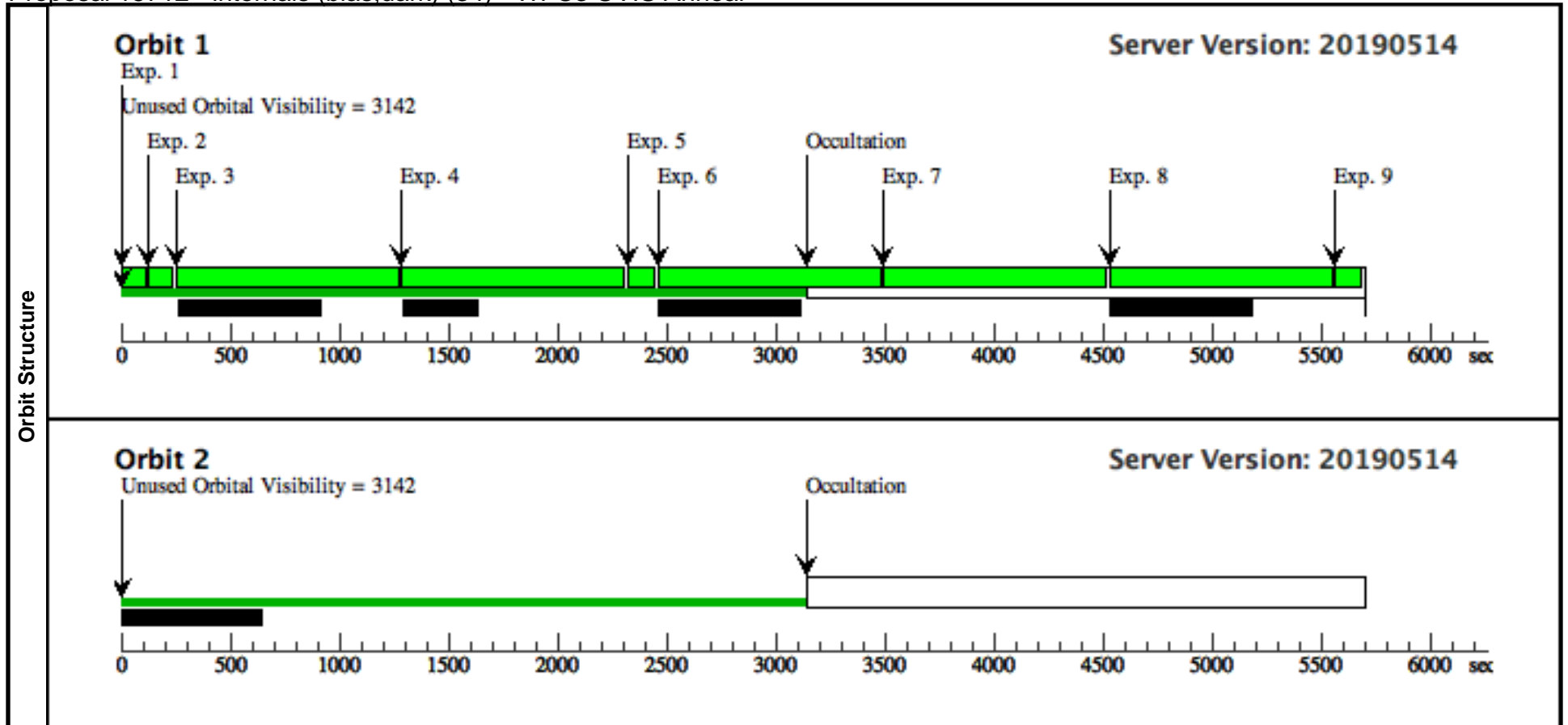
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (33)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	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 15712 - internals (bias,dark) (34) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

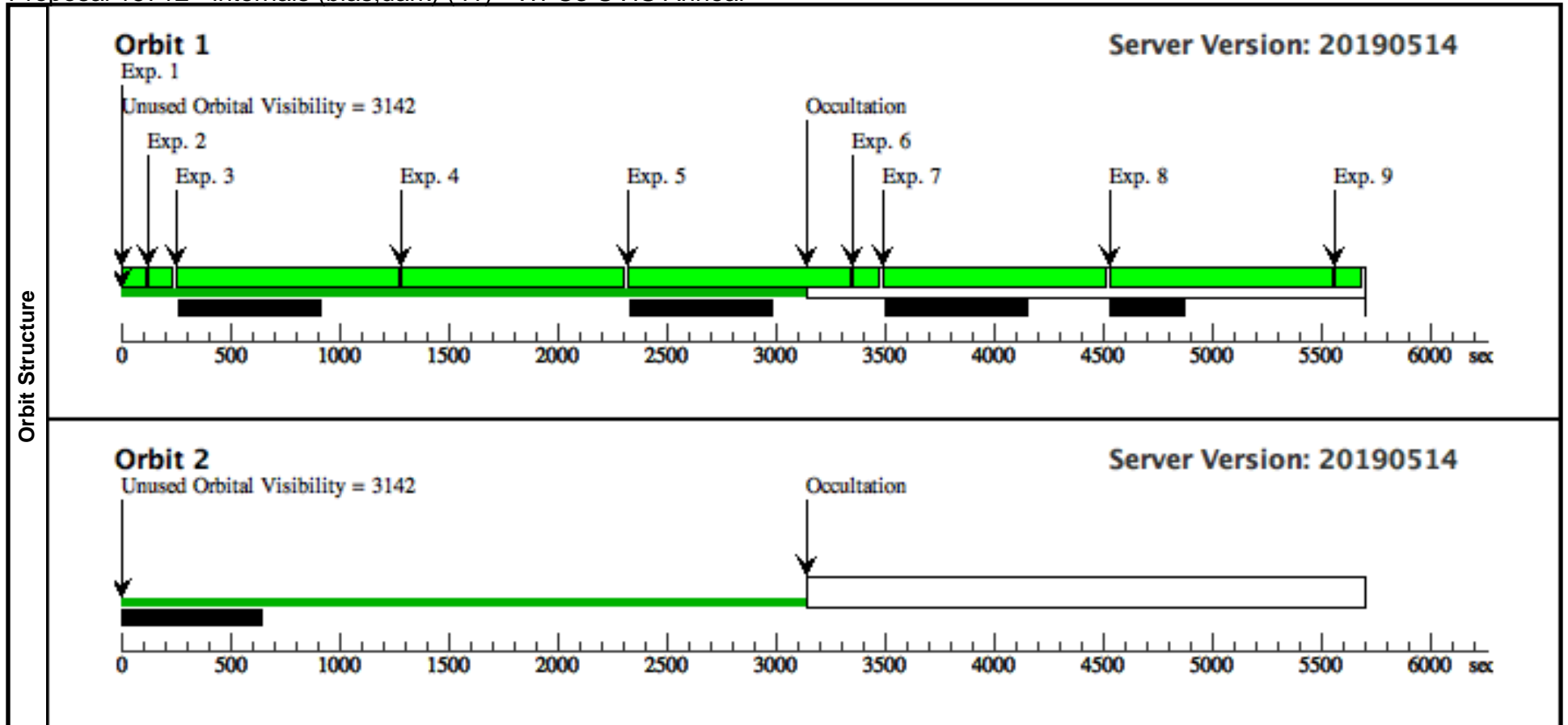
Visit	<b>Proposal 15712, internals (bias,dark) (34), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (34)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 15712 - internals (bias,dark) (41) - WFC3 UVIS Anneal

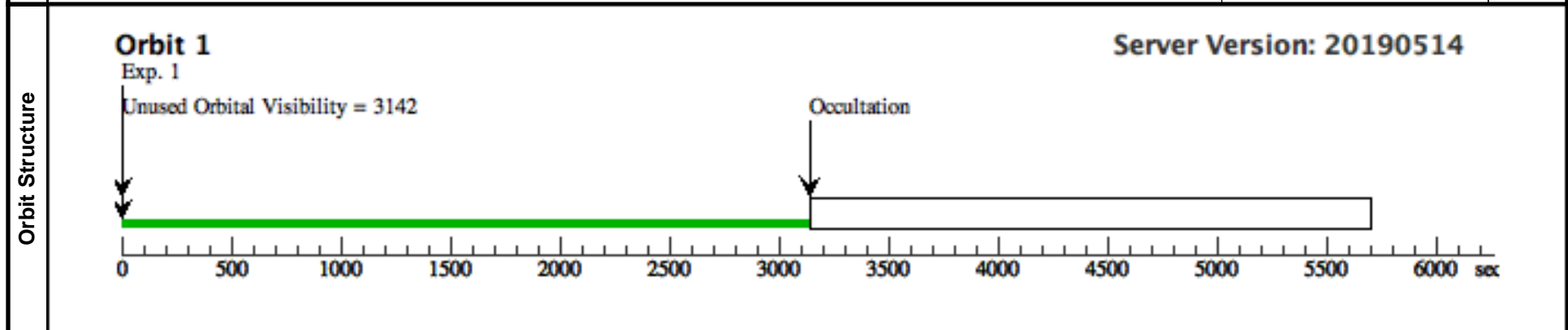
Fri Aug 09 21:05:13 GMT 2019

Visit	<b>Proposal 15712, internals (bias,dark) (41), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-MAR-2020:00:00:00 AND 23-MAR-2020:00:00:00; SEQ 41,42,43,44 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) (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]	



<b>Visit</b>	Proposal 15712, Mar 2020 anneal procedure (42), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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]





Proposal 15712 - bowtie check/fix (43) - WFC3 UVIS Anneal

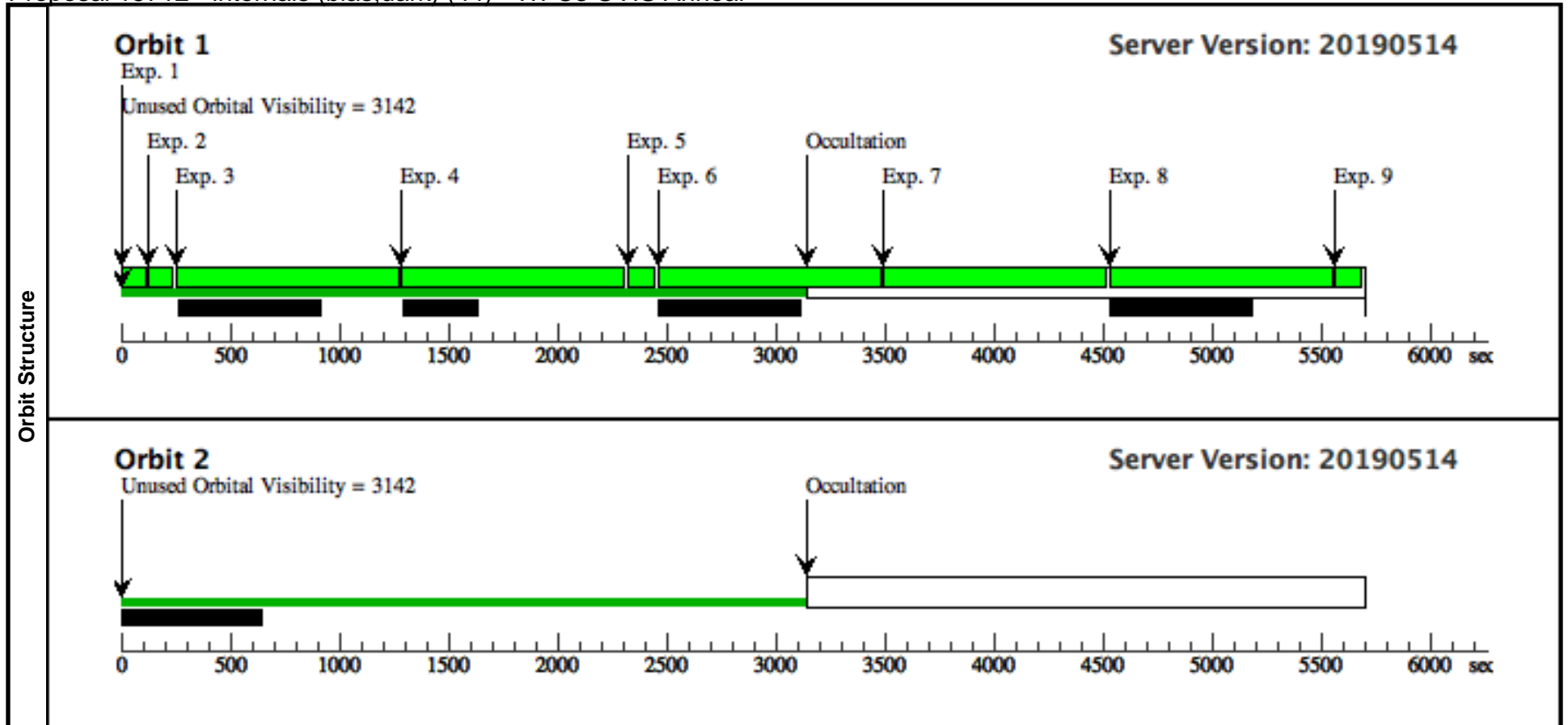
Fri Aug 09 21:05:13 GMT 2019

<b>Visit</b>	<b>Proposal 15712, bowtie check/fix (43), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	(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									
<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	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]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> Unused Orbital Visibility = 3142</p> <p>Server Version: 20190514</p>									
	<p>The diagram shows a horizontal timeline from 0 to 6000 seconds. A green bar represents the active observation period, starting at 0 and ending at approximately 3142 seconds. Three vertical arrows labeled 'Exp. 1', 'Exp. 2', and 'Exp. 3' point to the start of the green bar. A vertical arrow labeled 'Reconfig' points to a small black bar on the timeline at approximately 400 seconds. A vertical arrow labeled 'Occultation' points to the end of the green bar at approximately 3142 seconds. The x-axis is labeled 'sec' with major ticks every 500 units.</p>									

Proposal 15712 - internals (bias,dark) (44) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

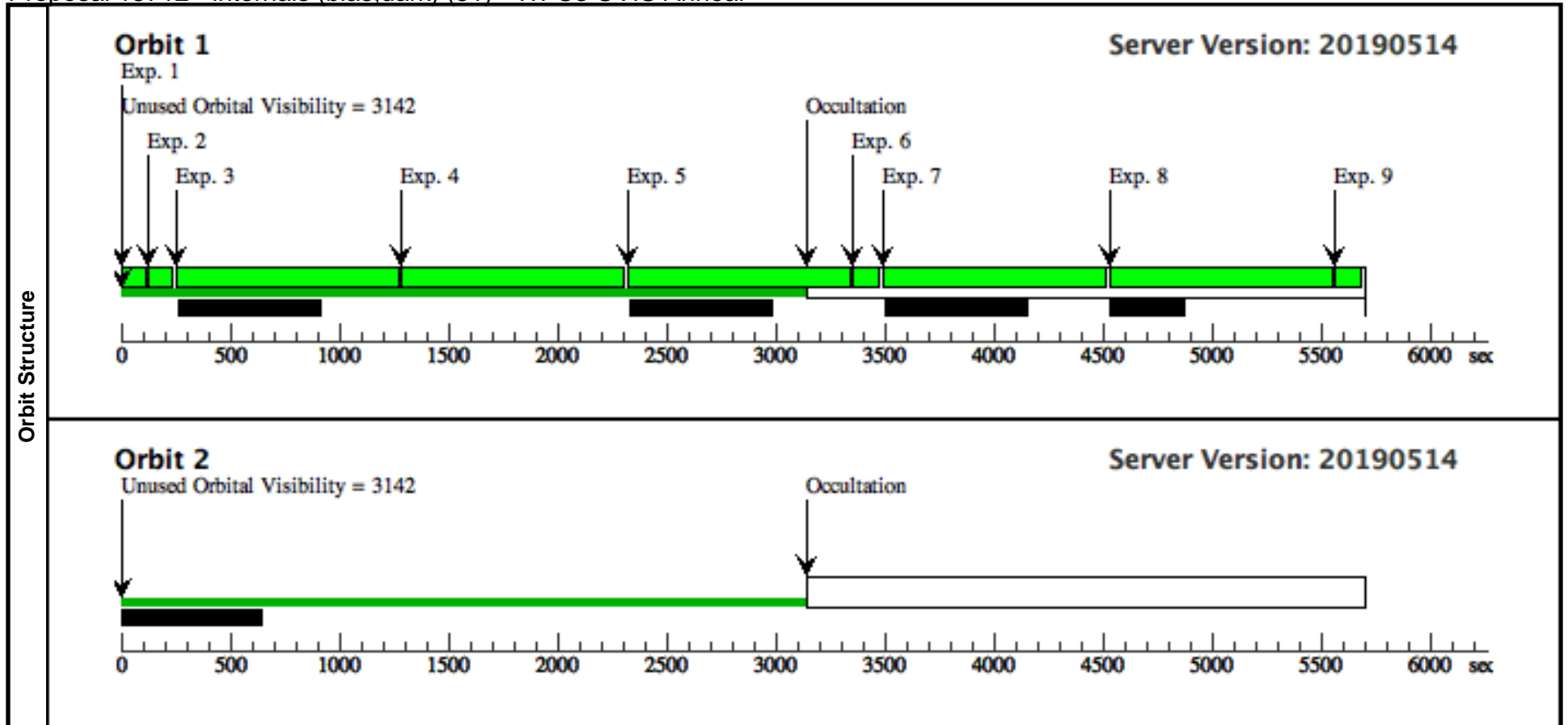
Visit	<b>Proposal 15712, internals (bias,dark) (44), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (44)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 15712 - internals (bias,dark) (51) - WFC3 UVIS Anneal

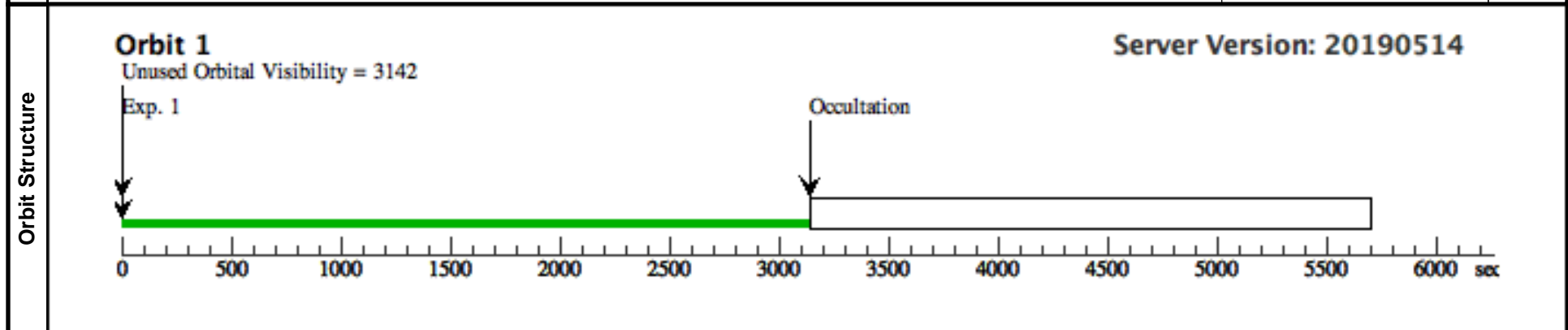
Fri Aug 09 21:05:13 GMT 2019

<b>Visit</b>	<b>Proposal 15712, internals (bias,dark) (51), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-APR-2020:00:00:00 AND 20-APR-2020:00:00:00; SEQ 51,52,53,54 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) (51)) 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 15712, Apr 2020 anneal procedure (52), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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) [==>]



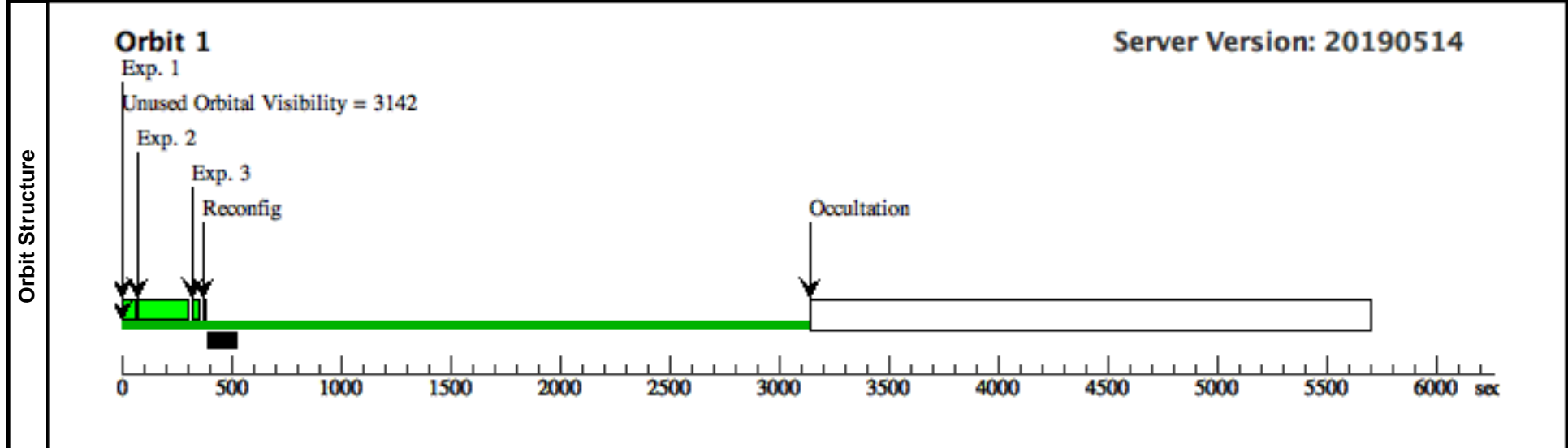
Proposal 15712 - bowtie check/fix (53) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

<b>Visit</b>	<p><b>Proposal 15712, bowtie check/fix (53), implementation</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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<b>Diagnostics</b>	<p>(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</p> <p>(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</p> <p>(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</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 (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]

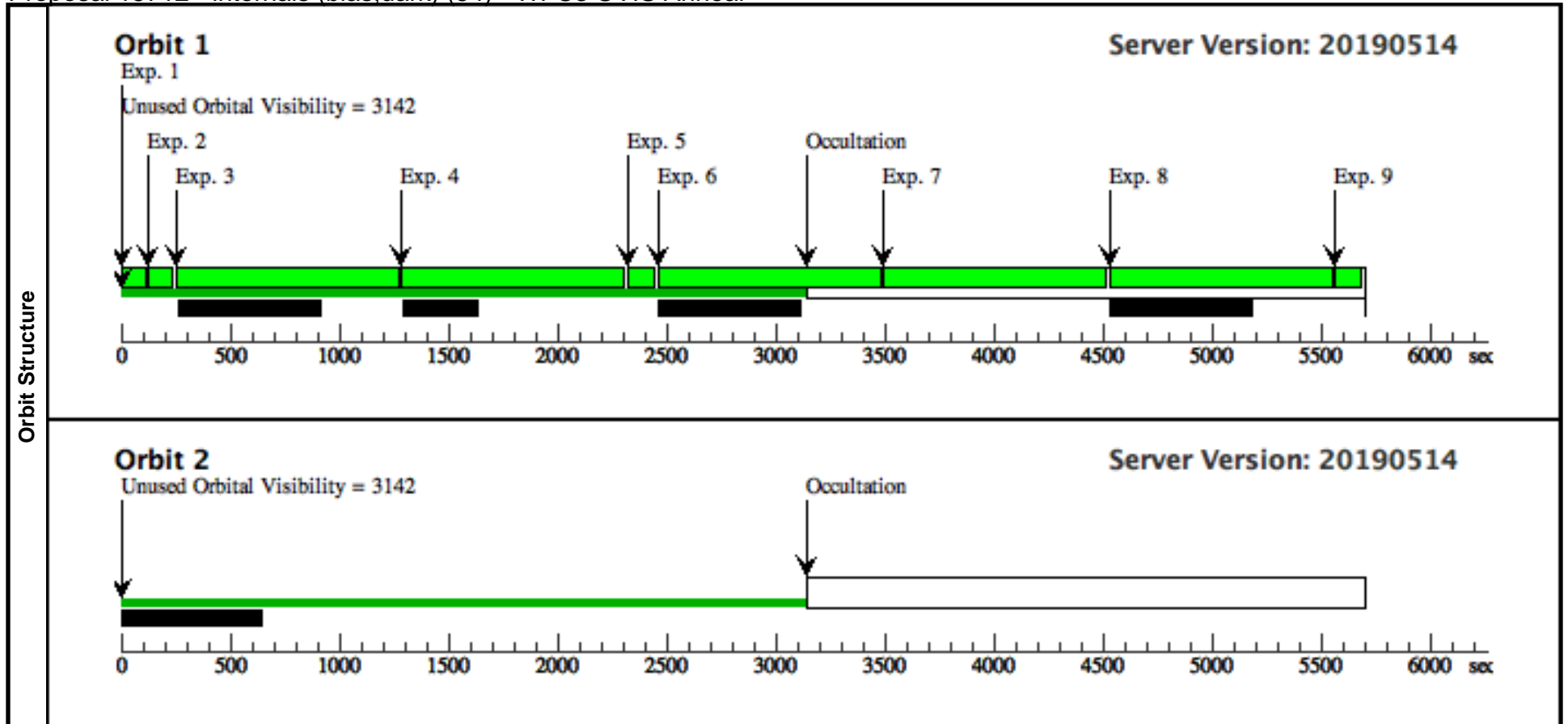


Proposal 15712 - internals (bias,dark) (54) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

Visit	<b>Proposal 15712, 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]	

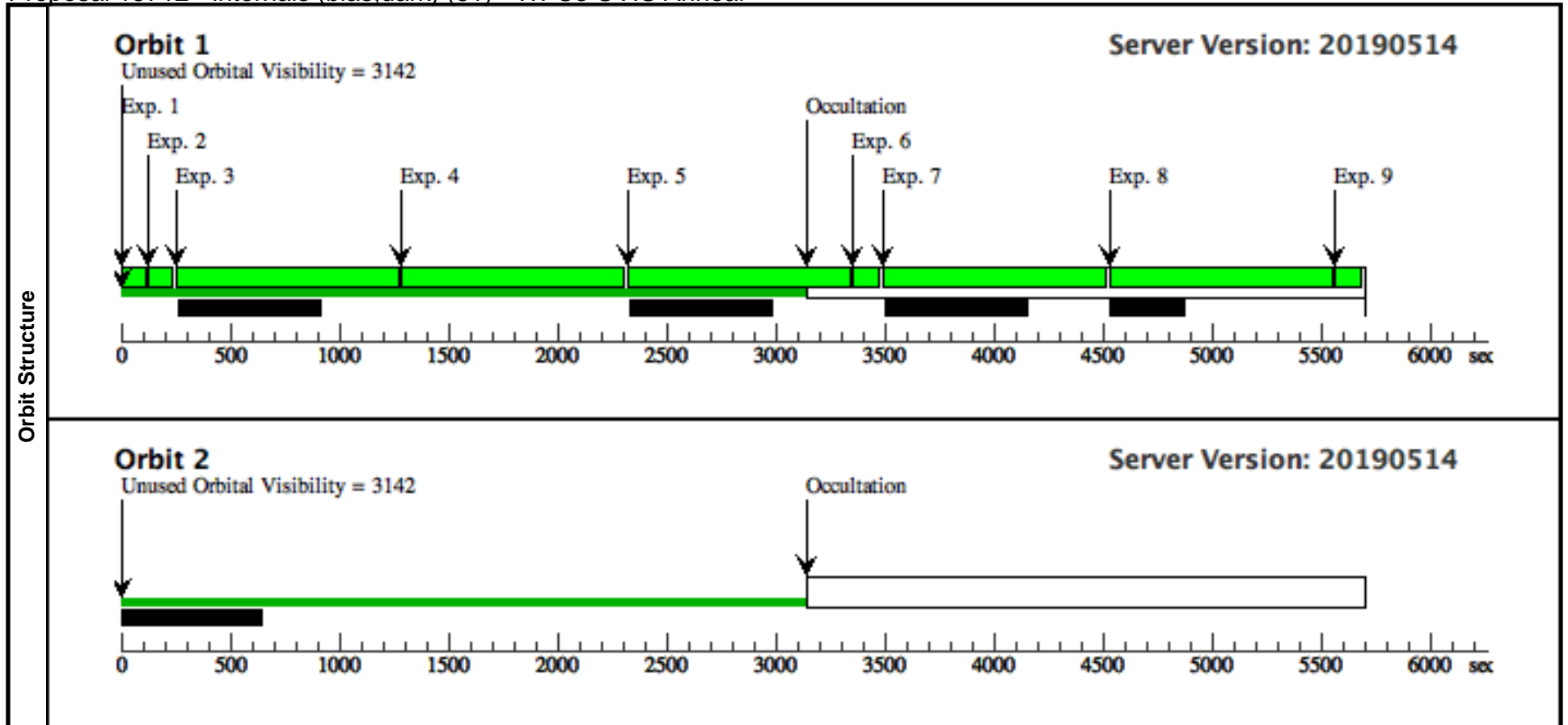




Proposal 15712 - internals (bias,dark) (61) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

Visit	<b>Proposal 15712, internals (bias,dark) (61), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 11-MAY-2020:00:00:00 AND 18-MAY-2020:00:00:00; SEQ 61,62,63,64 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) (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]	

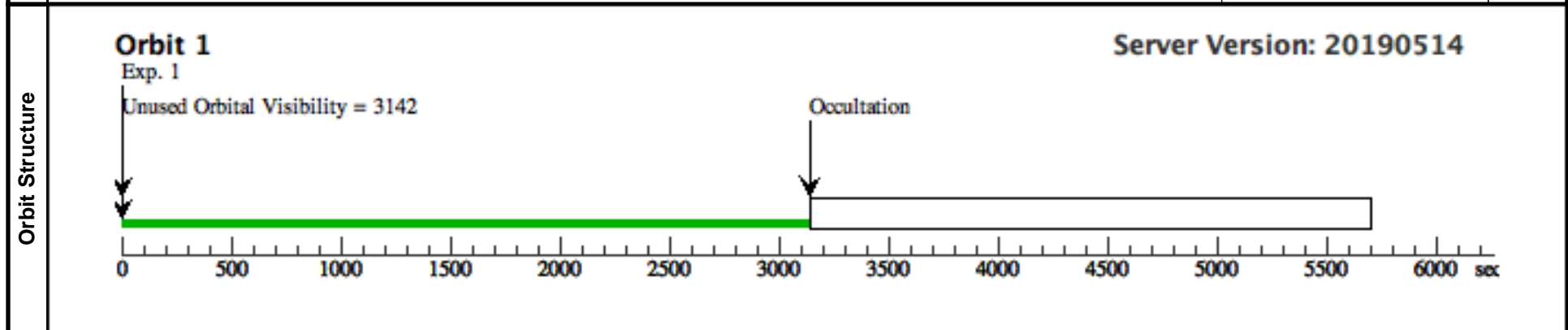


Proposal 15712 - May 2020 anneal procedure (62) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

<b>Visit</b>	Proposal 15712, May 2020 anneal procedure (62), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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]



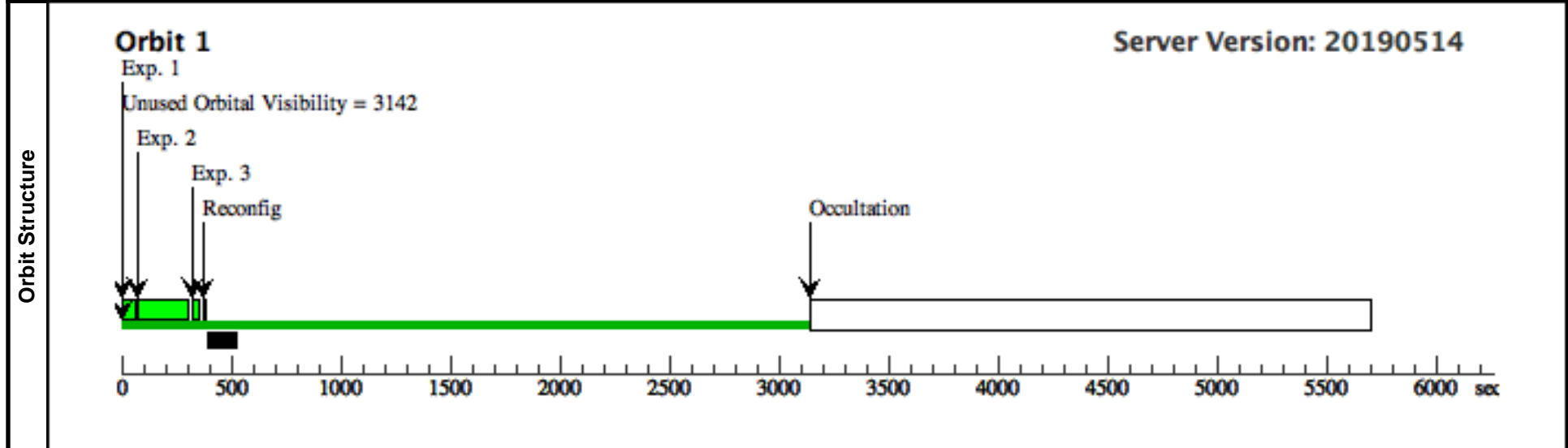
Proposal 15712 - bowtie check/fix (63) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

<b>Visit</b>	<p>Proposal 15712, bowtie check/fix (63), implementation</p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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<b>Diagnostics</b>	<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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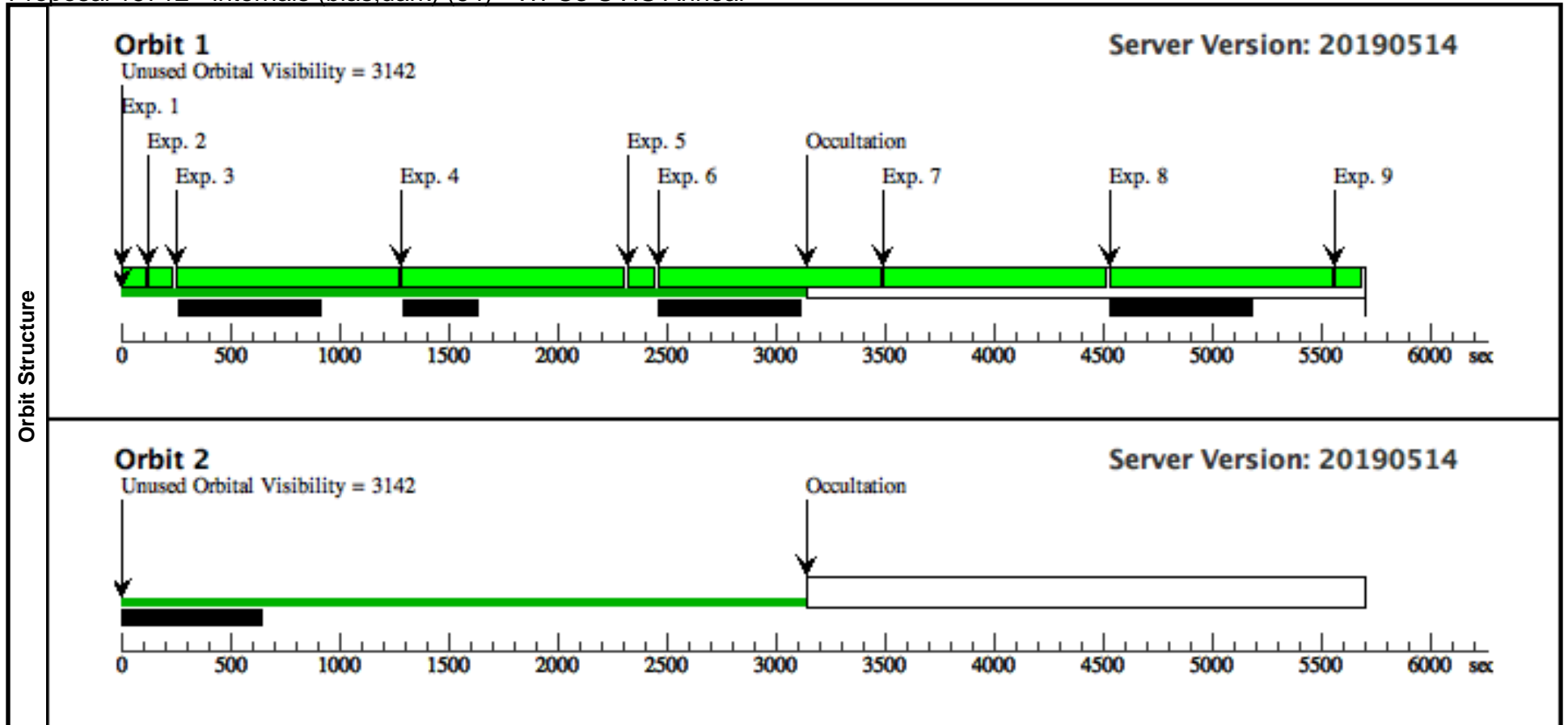
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (63)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	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 15712 - internals (bias,dark) (64) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

Visit	<b>Proposal 15712, 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]	

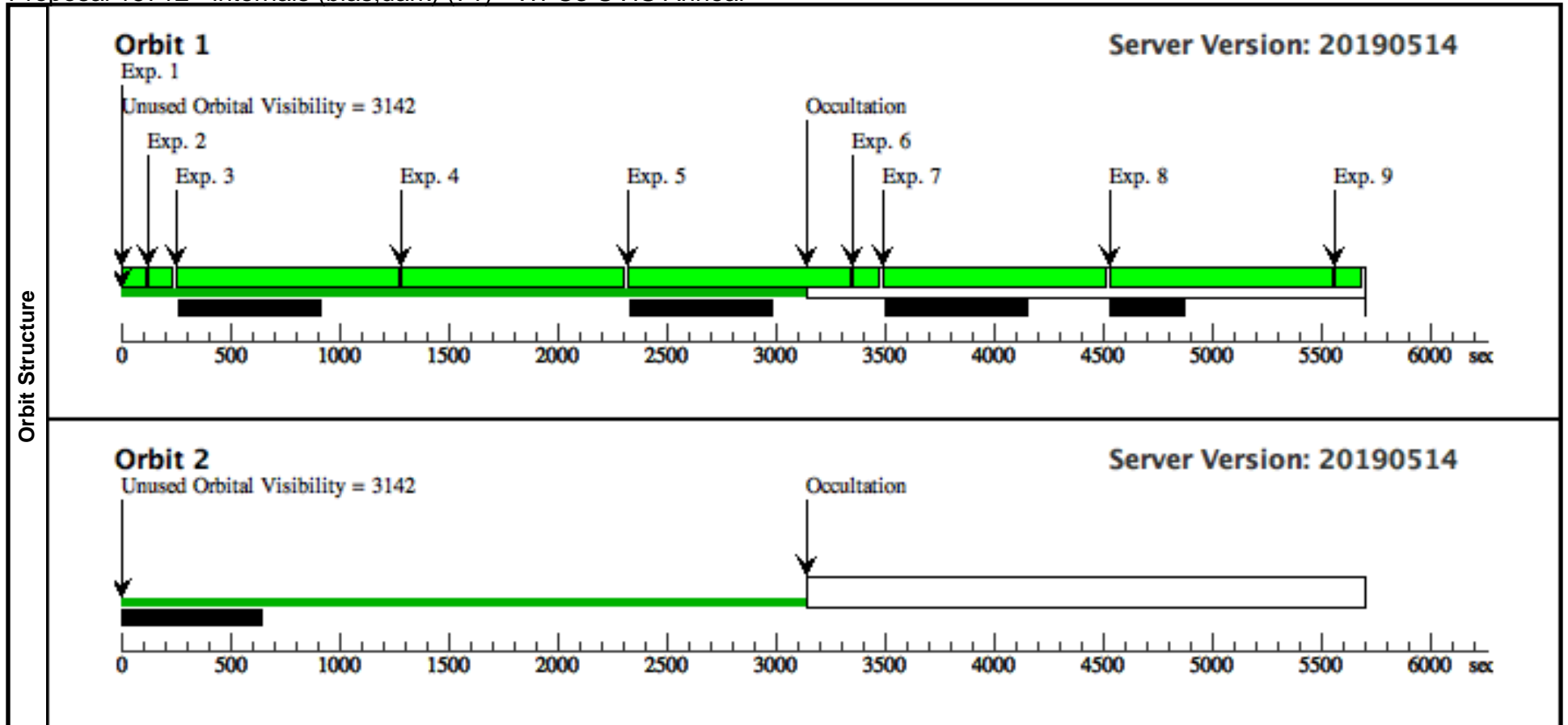


Proposal 15712 - internals (bias,dark) (71) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

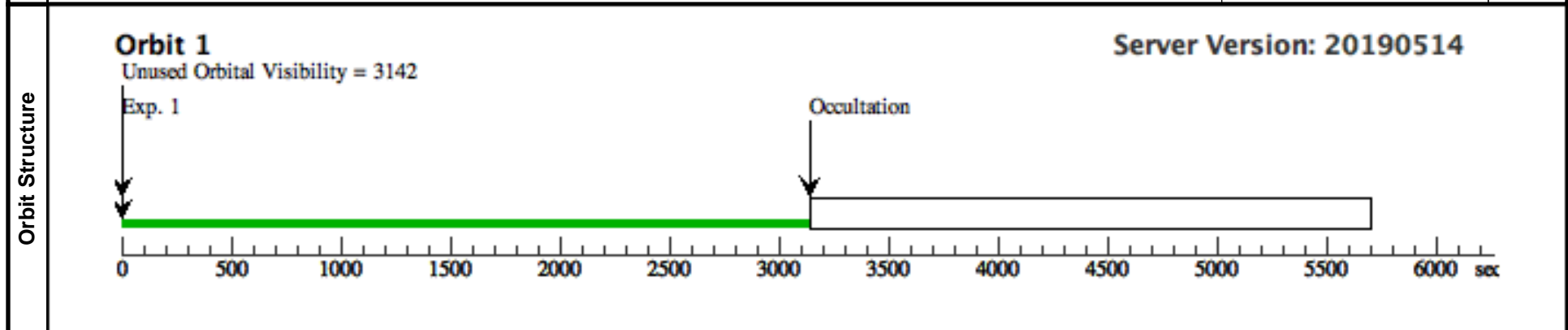
Visit	<b>Proposal 15712, internals (bias,dark) (71), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-JUN-2020:00:00:00 AND 15-JUN-2020:00:00:00; SEQ 71,72,73,74 WITHIN 72 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (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 15712, Jun 2020 anneal procedure (72), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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]



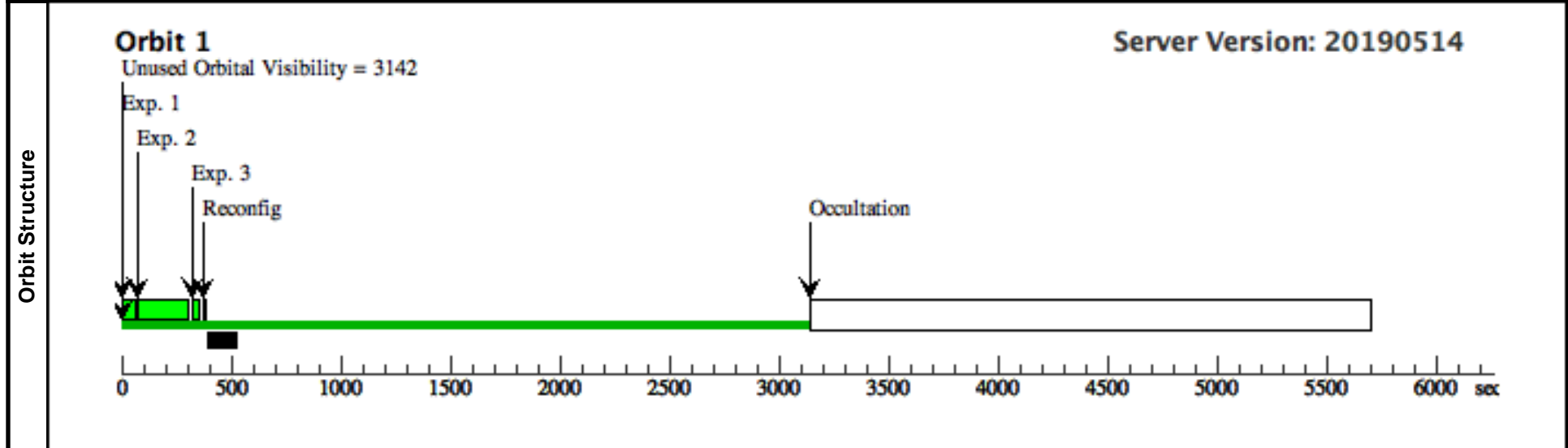
Proposal 15712 - bowtie check/fix (73) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

<b>Visit</b>	<p><b>Proposal 15712, bowtie check/fix (73), implementation</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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<b>Diagnostics</b>	<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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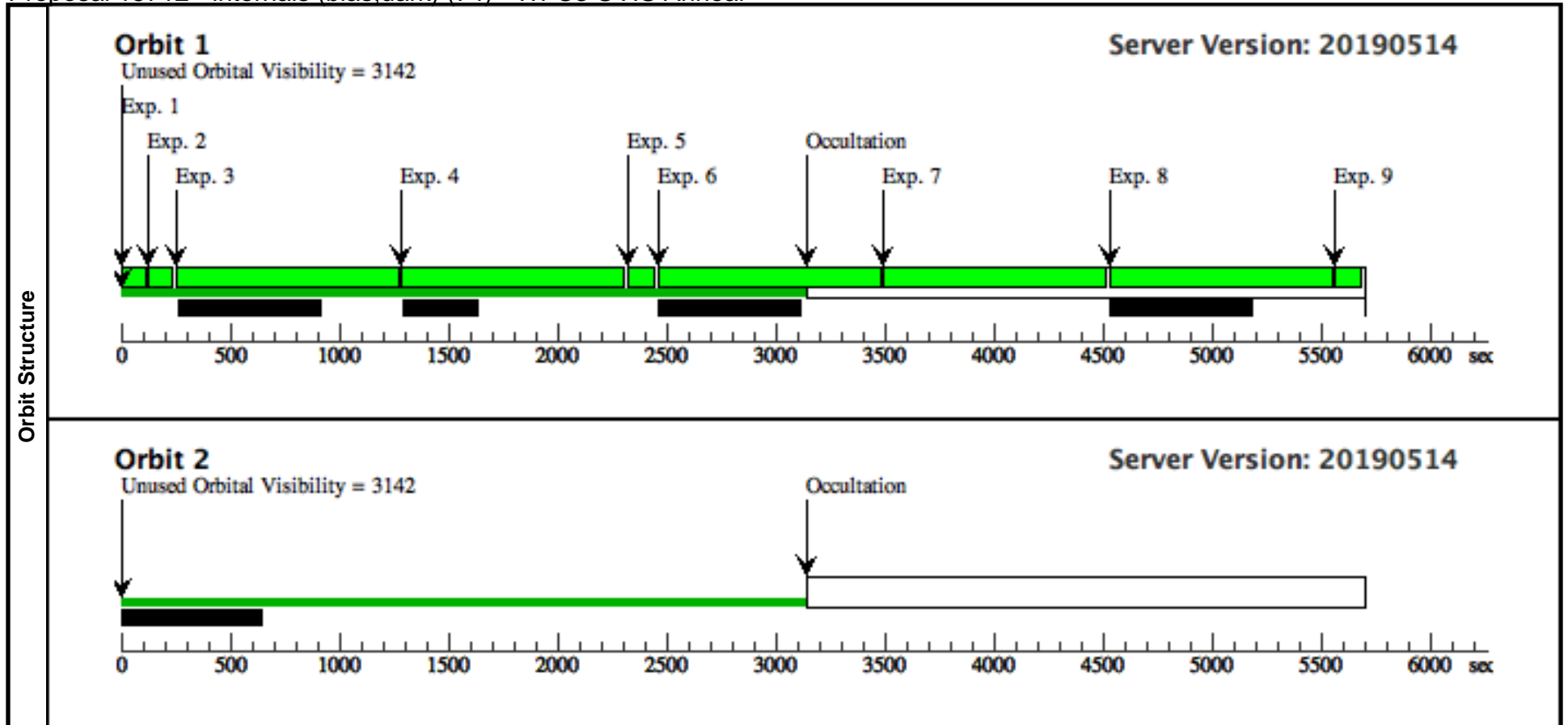
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (73)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	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 15712 - internals (bias,dark) (74) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

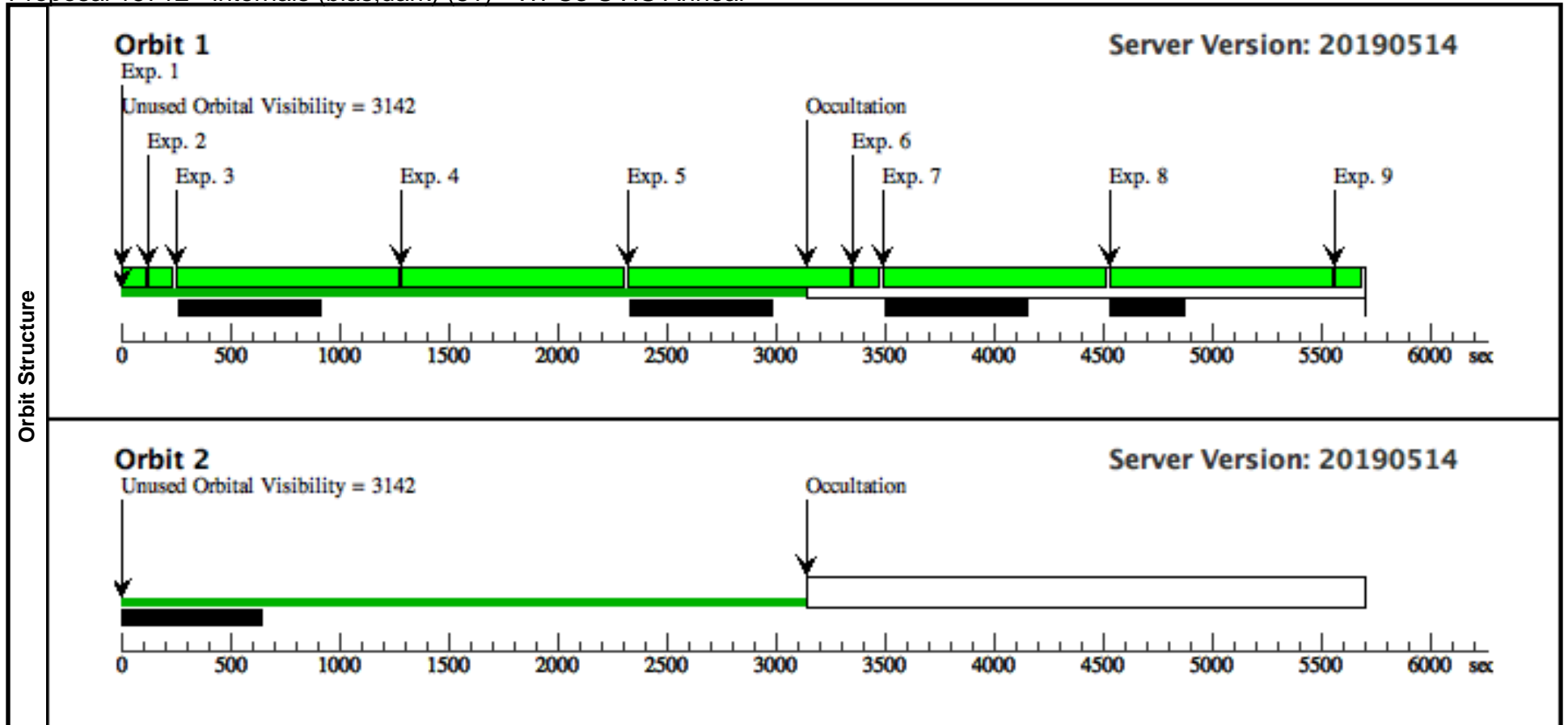
Visit	<b>Proposal 15712, internals (bias,dark) (74), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (74)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 15712 - internals (bias,dark) (81) - WFC3 UVIS Anneal

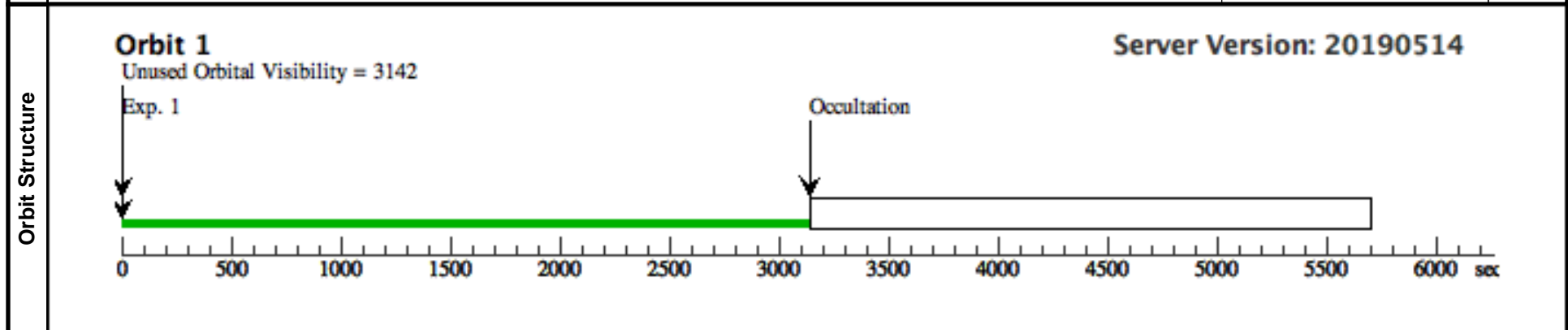
Fri Aug 09 21:05:13 GMT 2019

Visit	<b>Proposal 15712, internals (bias,dark) (81), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-JUL-2020:00:00:00 AND 13-JUL-2020:00:00:00; SEQ 81,82,83,84 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) (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 15712, Jul 2020 anneal procedure (82), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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]





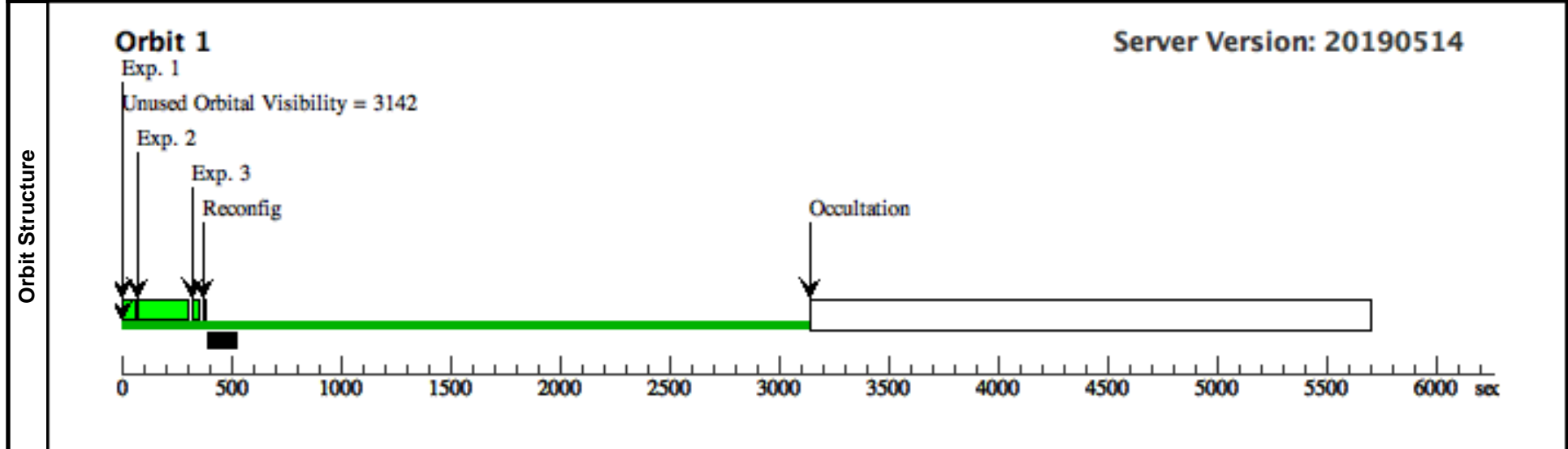
Proposal 15712 - bowtie check/fix (83) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

<b>Visit</b>	<p>Proposal 15712, bowtie check/fix (83), implementation</p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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<b>Diagnostics</b>	<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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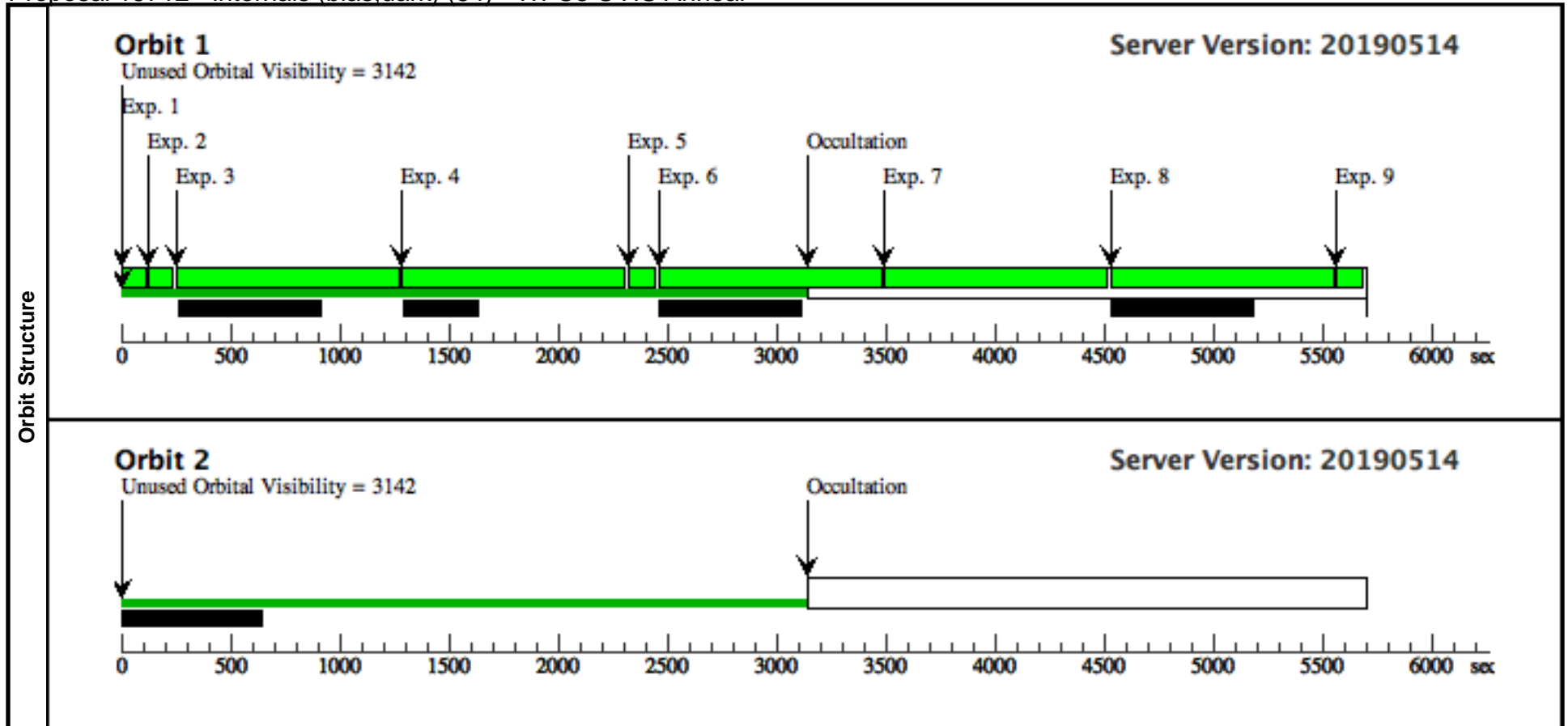
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (83)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	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 15712 - internals (bias,dark) (84) - WFC3 UVIS Anneal

Fri Aug 09 21:05:13 GMT 2019

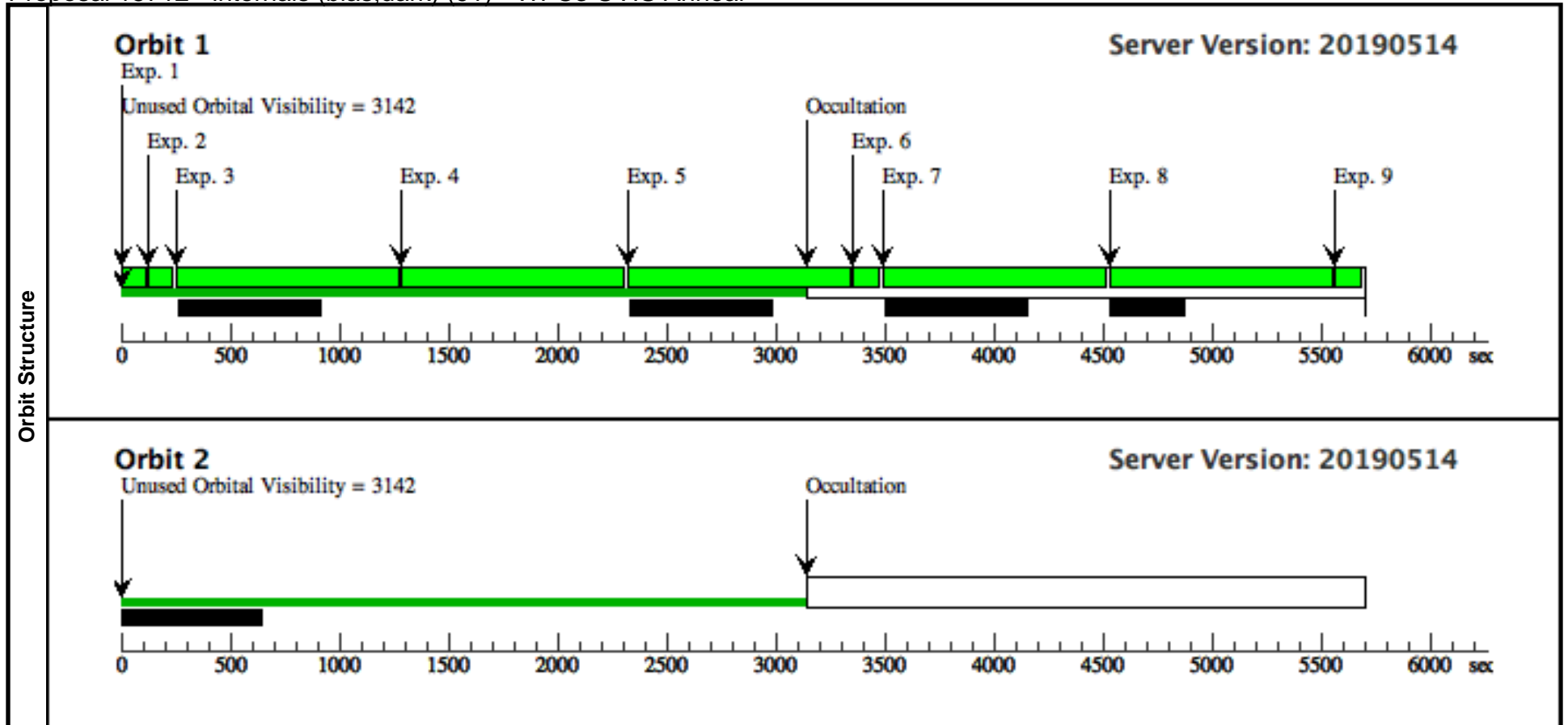
Visit	<b>Proposal 15712, internals (bias,dark) (84), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (84)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 15712 - internals (bias,dark) (91) - WFC3 UVIS Anneal

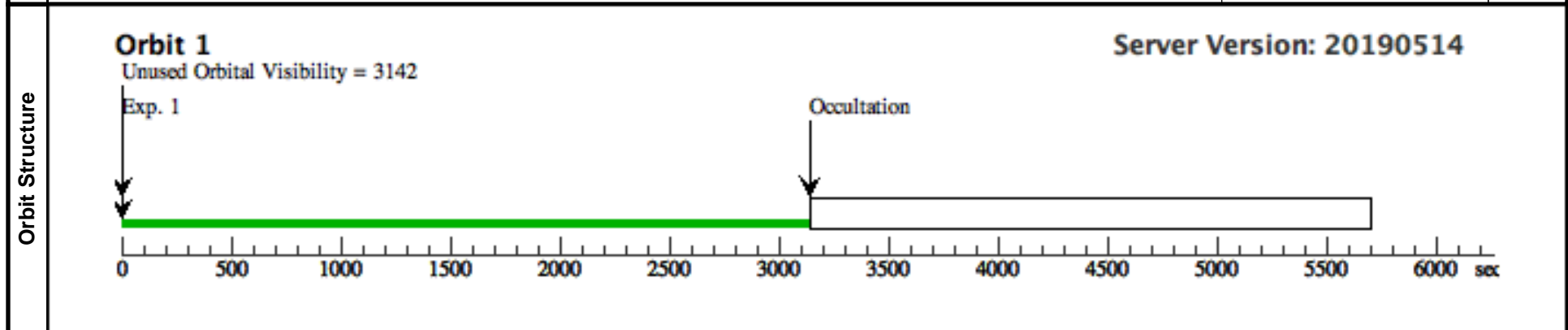
Fri Aug 09 21:05:13 GMT 2019

Visit	<b>Proposal 15712, internals (bias,dark) (91), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 03-AUG-2020:00:00:00 AND 10-AUG-2020:00:00:00; SEQ 91,92,93,94 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) (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]	



<b>Visit</b>	Proposal 15712, Aug 2020 anneal procedure (92), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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) [==>]



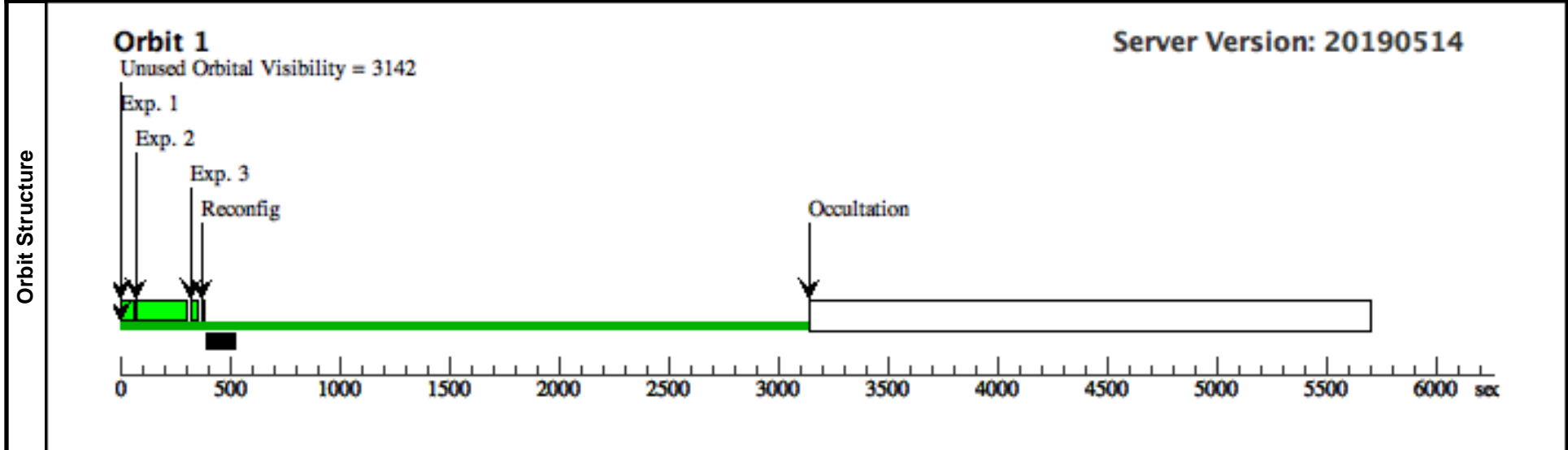
Proposal 15712 - bowtie check/fix (93) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

<b>Visit</b>	<p>Proposal 15712, bowtie check/fix (93), implementation</p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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<b>Diagnostics</b>	<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]

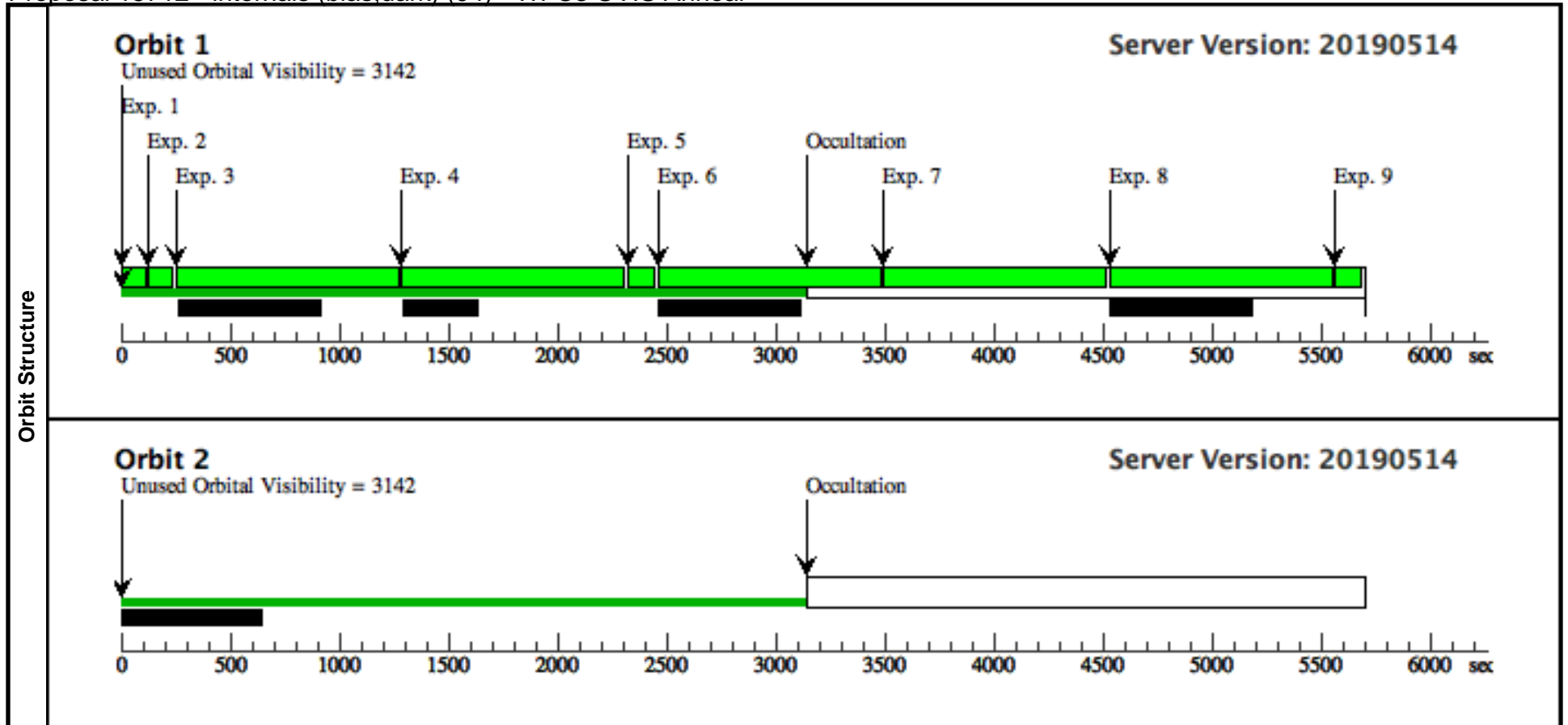


Proposal 15712 - internals (bias,dark) (94) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

Visit	<b>Proposal 15712, 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]	

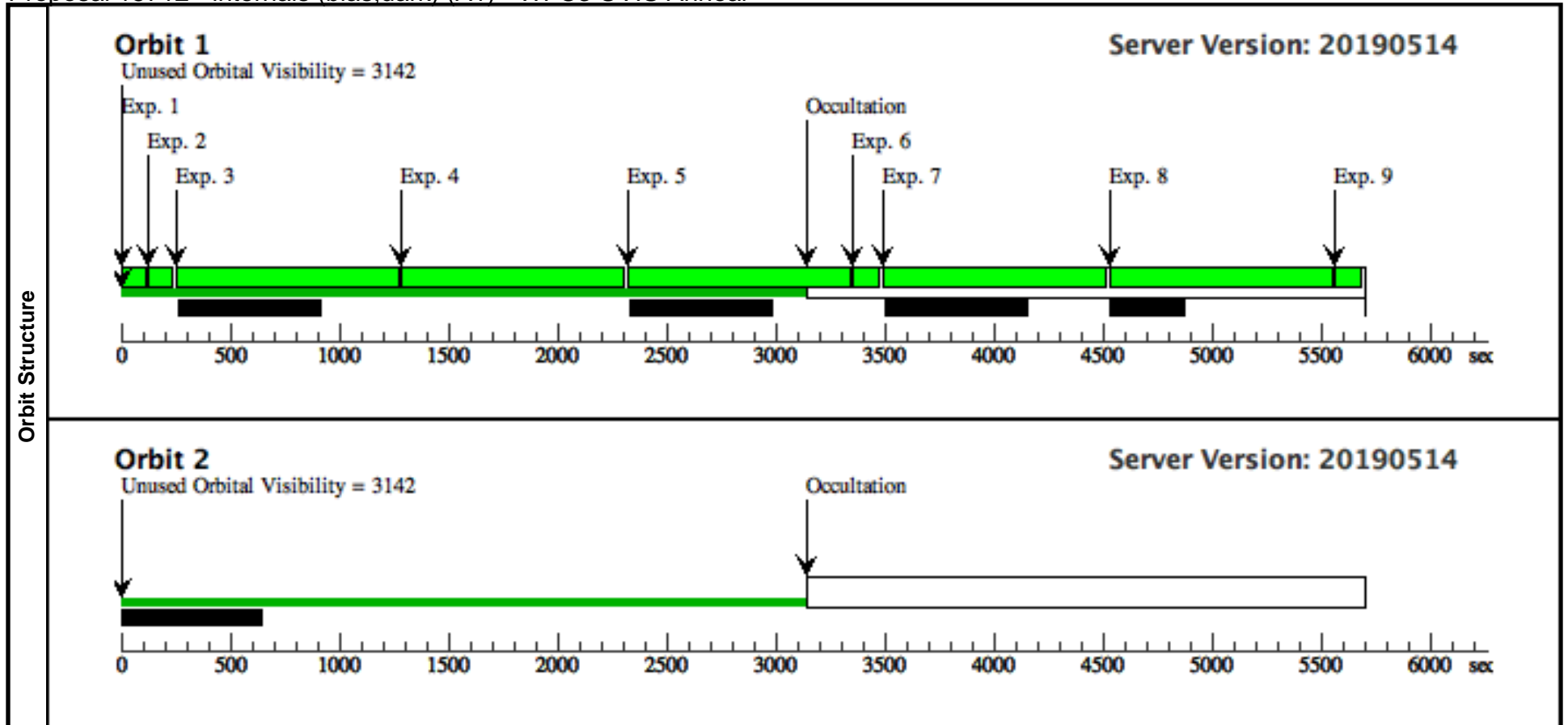




Proposal 15712 - internals (bias,dark) (A1) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

Visit	<b>Proposal 15712, internals (bias,dark) (A1), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 31-AUG-2020:00:00:00 AND 07-SEP-2020:00:00:00; SEQ A1,A2,A3,A4 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) (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]	

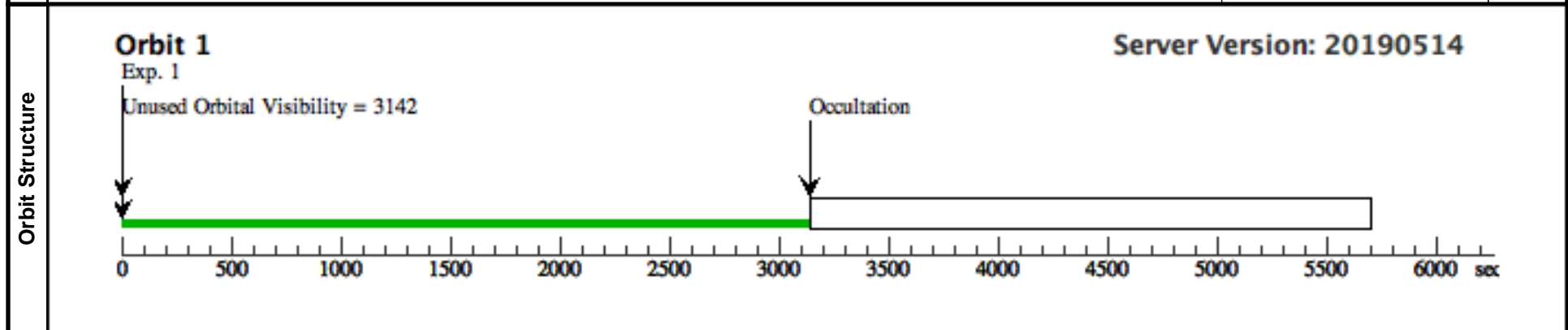


Proposal 15712 - Sep 2020 anneal procedure (A2) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

<b>Visit</b>	Proposal 15712, Sep 2020 anneal procedure (A2), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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) [==>]



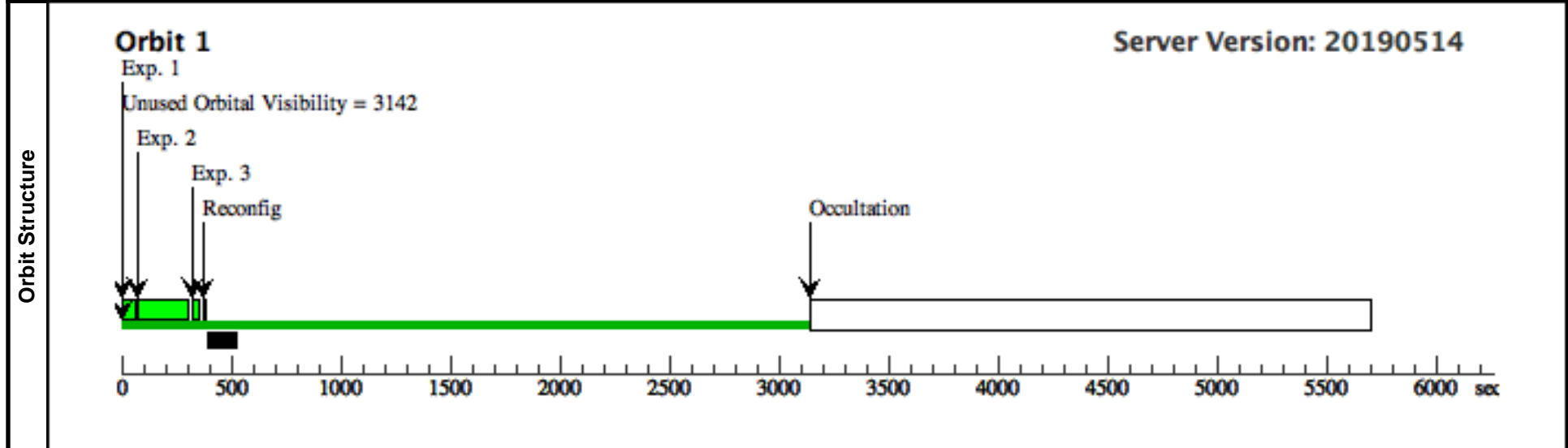
Proposal 15712 - bowtie check/fix (A3) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

<b>Visit</b>	<p><b>Proposal 15712, bowtie check/fix (A3), implementation</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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<b>Diagnostics</b>	<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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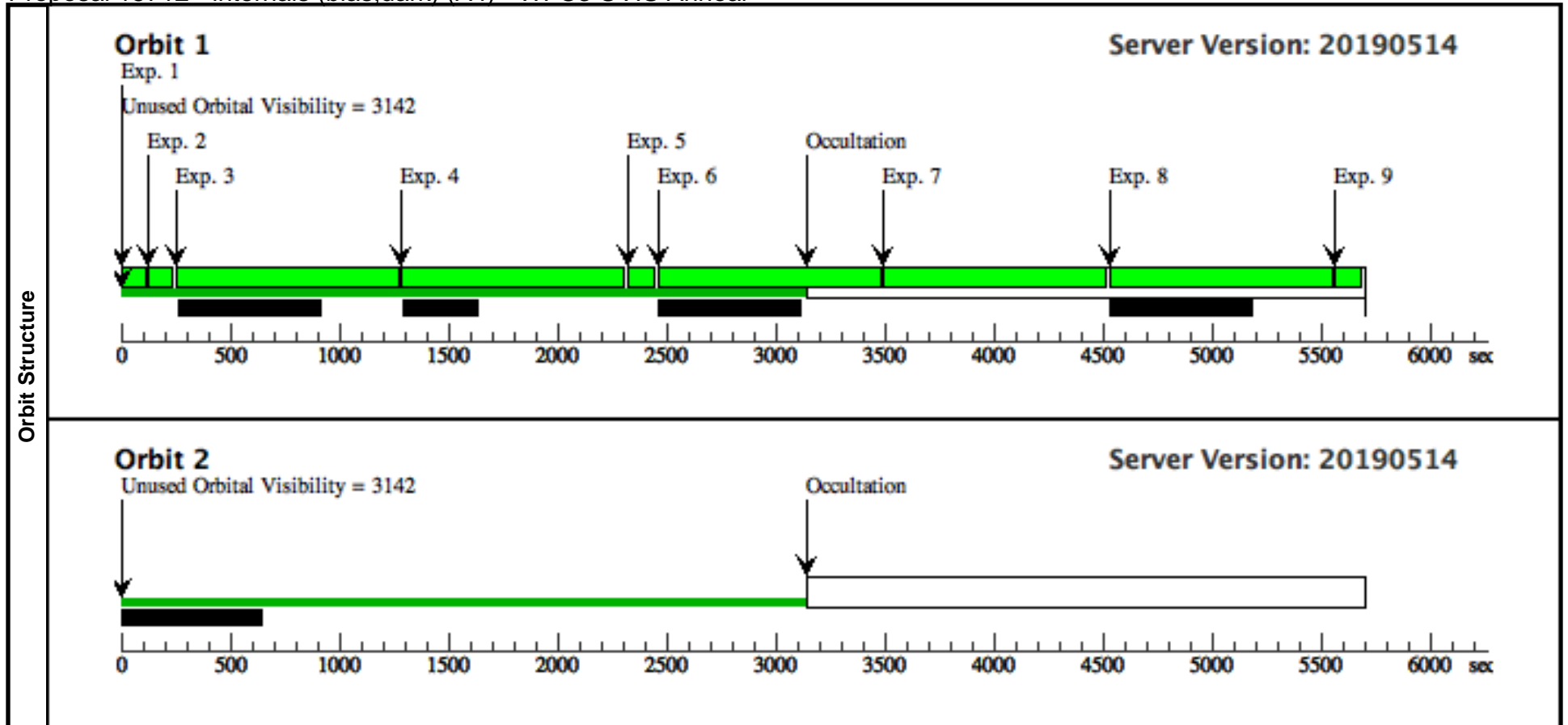
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (A3)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	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 15712 - internals (bias,dark) (A4) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

Visit	<b>Proposal 15712, 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]	

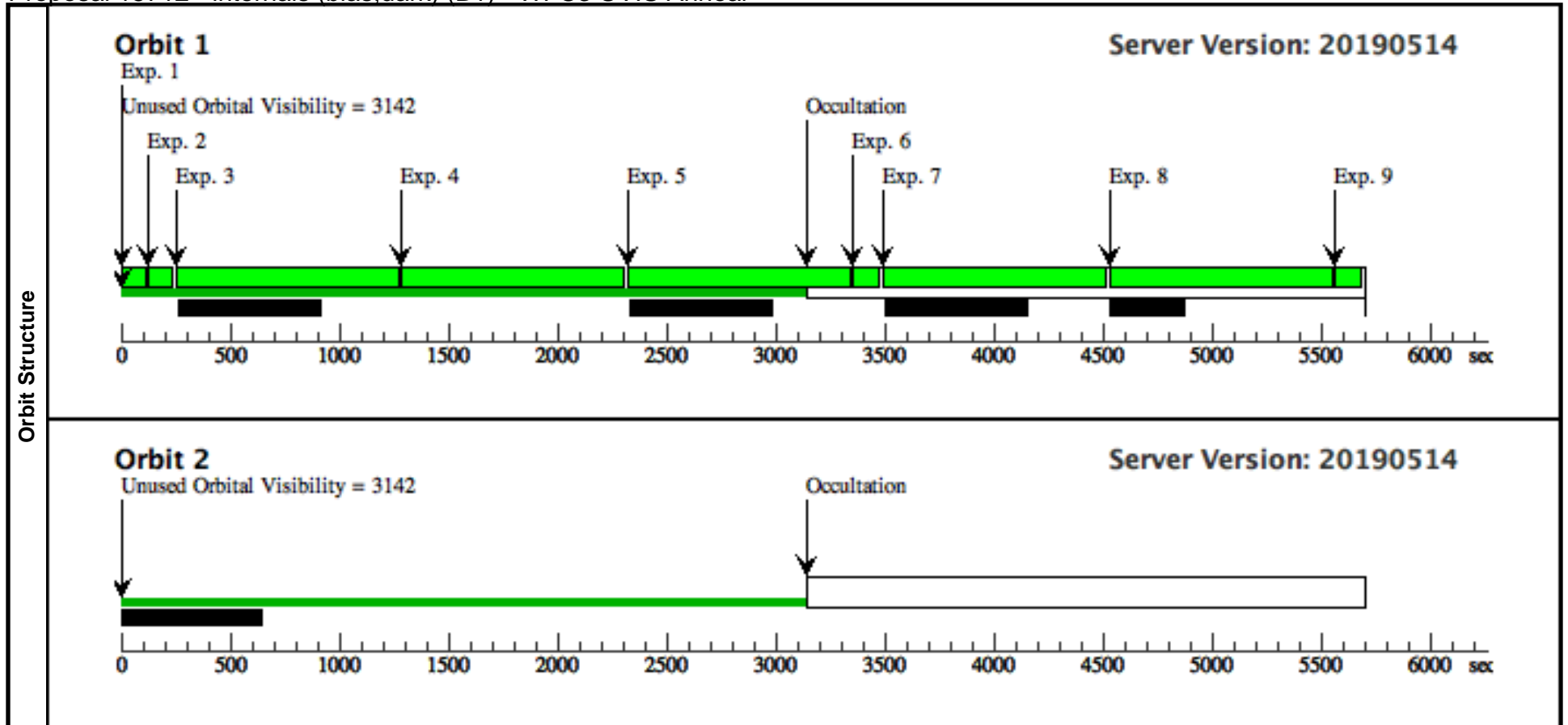


Proposal 15712 - internals (bias,dark) (B1) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

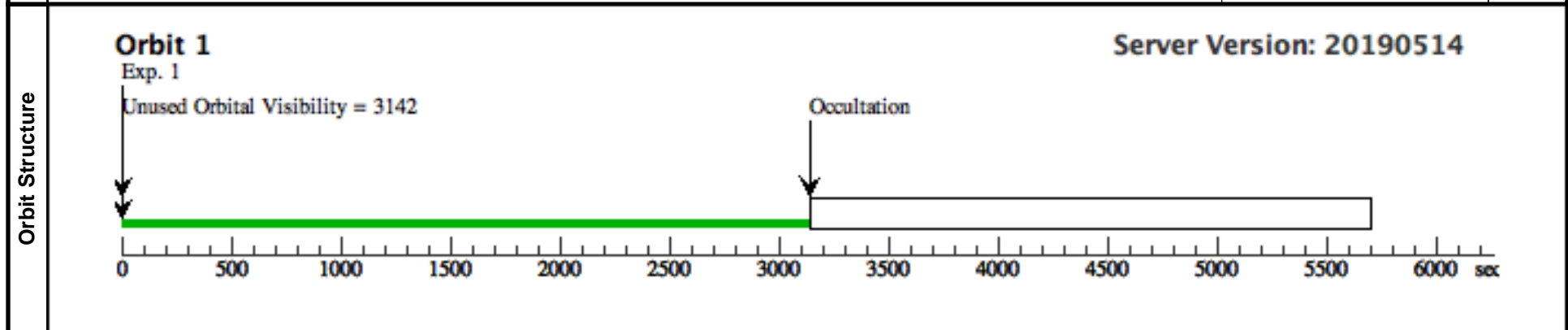
Visit	<b>Proposal 15712, internals (bias,dark) (B1), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 28-SEP-2020:00:00:00 AND 05-OCT-2020:00:00:00; SEQ B1,B2,B3,B4 WITHIN 72 H <i>Comments: No WFC3 UVIS science should be scheduled between visits; strongly prefer to have the visits scheduled back-to-back.</i>										
	Diagnostics	(internals (bias,dark) (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]	





<b>Visit</b>	Proposal 15712, Sep 2020 2nd anneal procedure (B2), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: (none) <i>Comments: Using minimum default value + 1sec.</i>								
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<b>Exposures</b>	#	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) [==>]



Proposal 15712 - bowtie check/fix (B3) - WFC3 UVIS Anneal

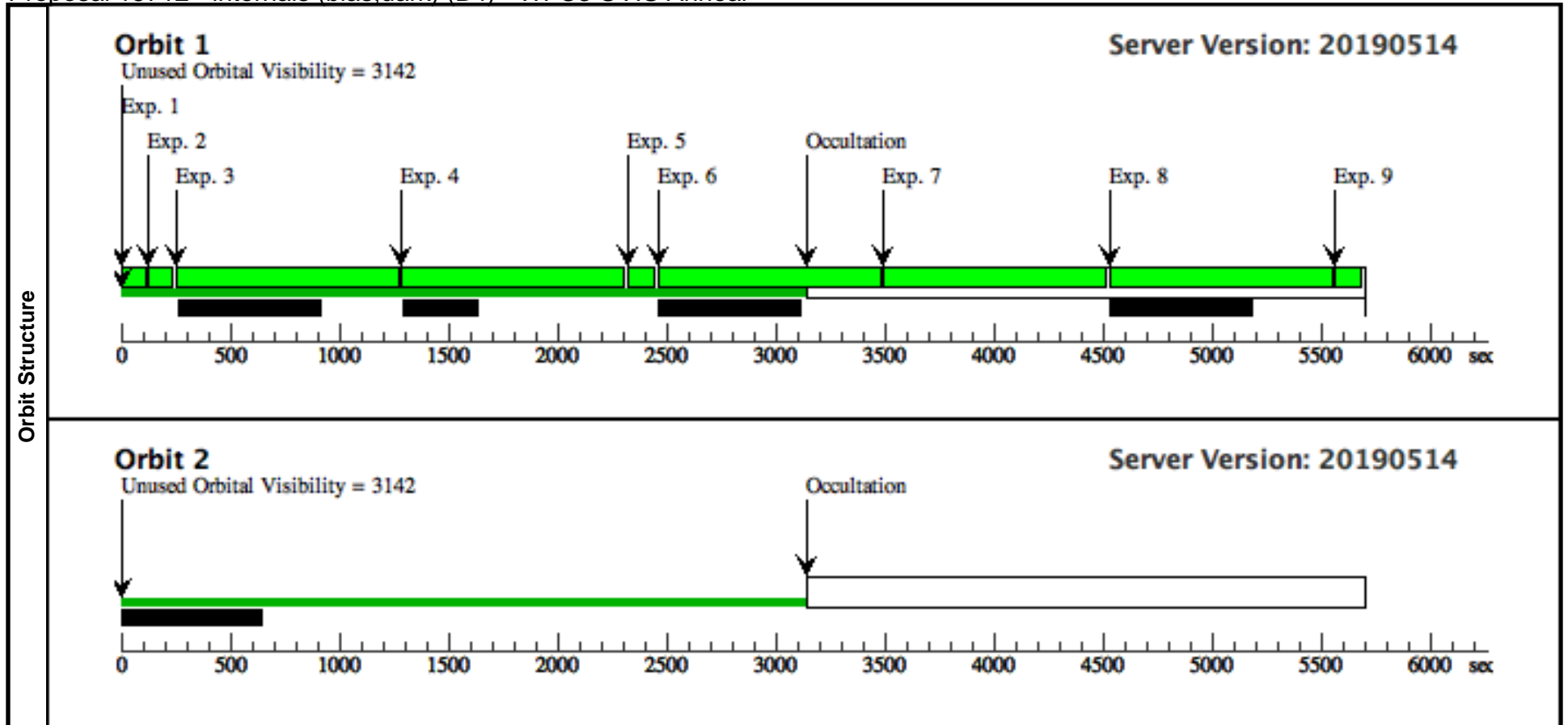
Fri Aug 09 21:05:14 GMT 2019

<b>Visit</b>	<b>Proposal 15712, bowtie check/fix (B3), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	(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 (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 (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									
<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	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]
<b>Orbit Structure</b>	<div style="display: flex; justify-content: space-between;"> <div> <p><b>Orbit 1</b></p> <p>Exp. 1</p> <p>Unused Orbital Visibility = 3142</p> <p>Exp. 2</p> <p>Exp. 3</p> <p>Reconfig</p> <p>Occultation</p> </div> <div> <p><b>Server Version: 20190514</b></p> </div> </div> <p>The diagram shows a timeline for Orbit 1. The x-axis represents time in seconds from 0 to 6000. A green bar indicates the total orbital visibility, which is 3142 seconds. Within this green bar, three small black bars represent exposures: Exp. 1 (at ~100s), Exp. 2 (at ~300s), and Exp. 3 (at ~400s). A 'Reconfig' event is shown as a small black bar at ~450s. An 'Occultation' event is shown as a white bar starting at ~3142s and ending at ~5700s.</p>									
	<p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 15712 - internals (bias,dark) (B4) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

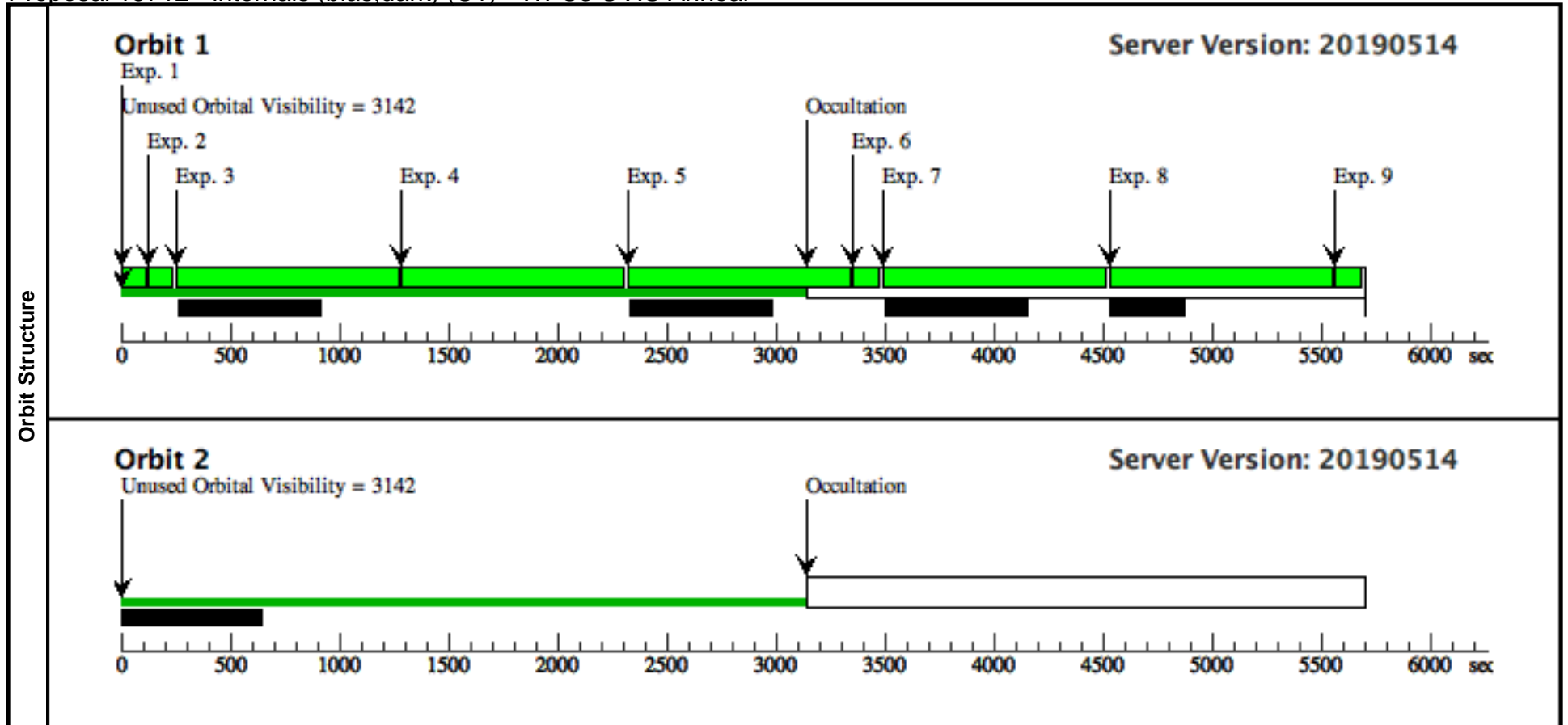
Visit	<b>Proposal 15712, internals (bias,dark) (B4), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (B4)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 15712 - internals (bias,dark) (C1) - WFC3 UVIS Anneal

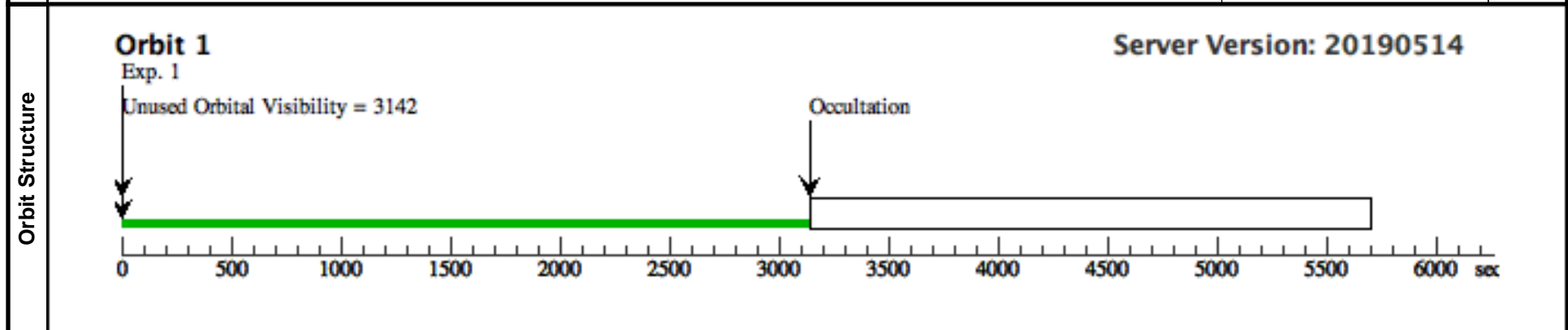
Fri Aug 09 21:05:14 GMT 2019

Visit	<b>Proposal 15712, internals (bias,dark) (C1), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 26-OCT-2020:00:00:00 AND 02-NOV-2020:00:00:00; SEQ C1,C2,C3,C4 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) (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 15712, Oct 2020 anneal procedure (C2), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3 Special Requirements: (none) Comments: Using minimum default value + 1sec.								
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<b>Exposures</b>	#	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]





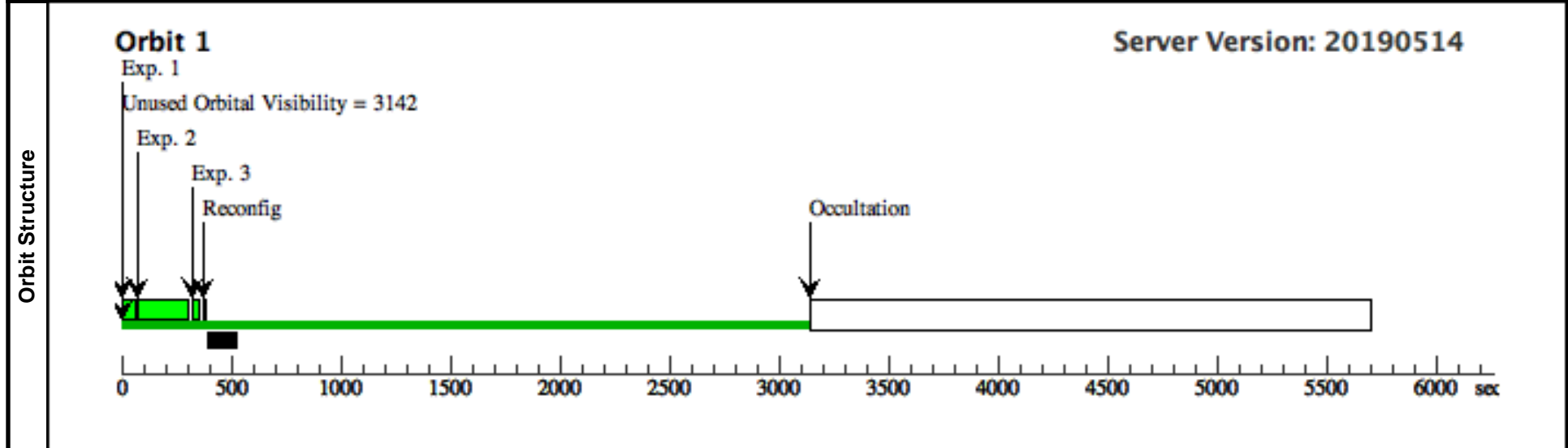
Proposal 15712 - bowtie check/fix (C3) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

<b>Visit</b>	<p><b>Proposal 15712, bowtie check/fix (C3), implementation</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>
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<b>Diagnostics</b>	<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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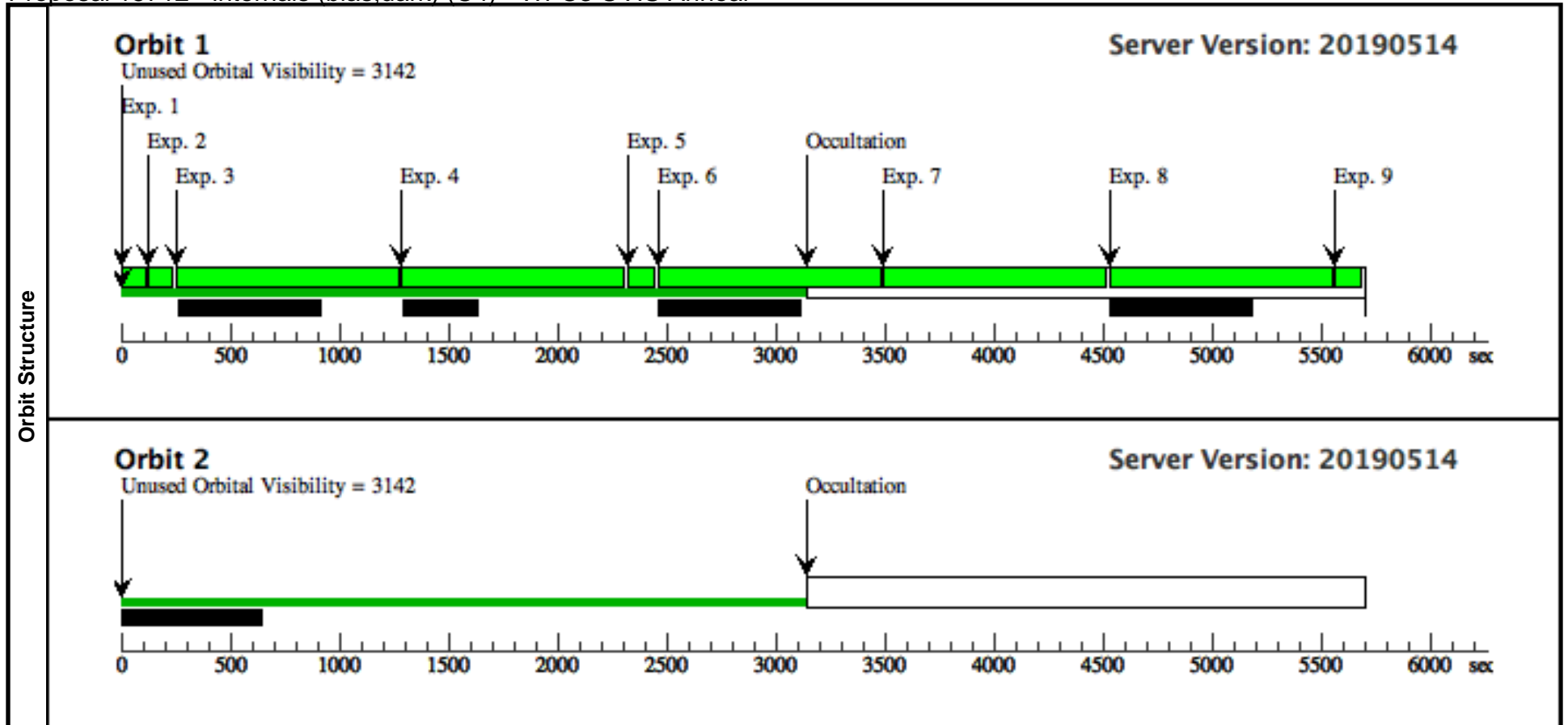
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	initial check	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X	BIN=3		Sequence 1-3 Non-Int in bowtie check/fix (C3)	1.0 Secs (1 Secs) [==>]	[1]
2	neutralizer	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	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 15712 - internals (bias,dark) (C4) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

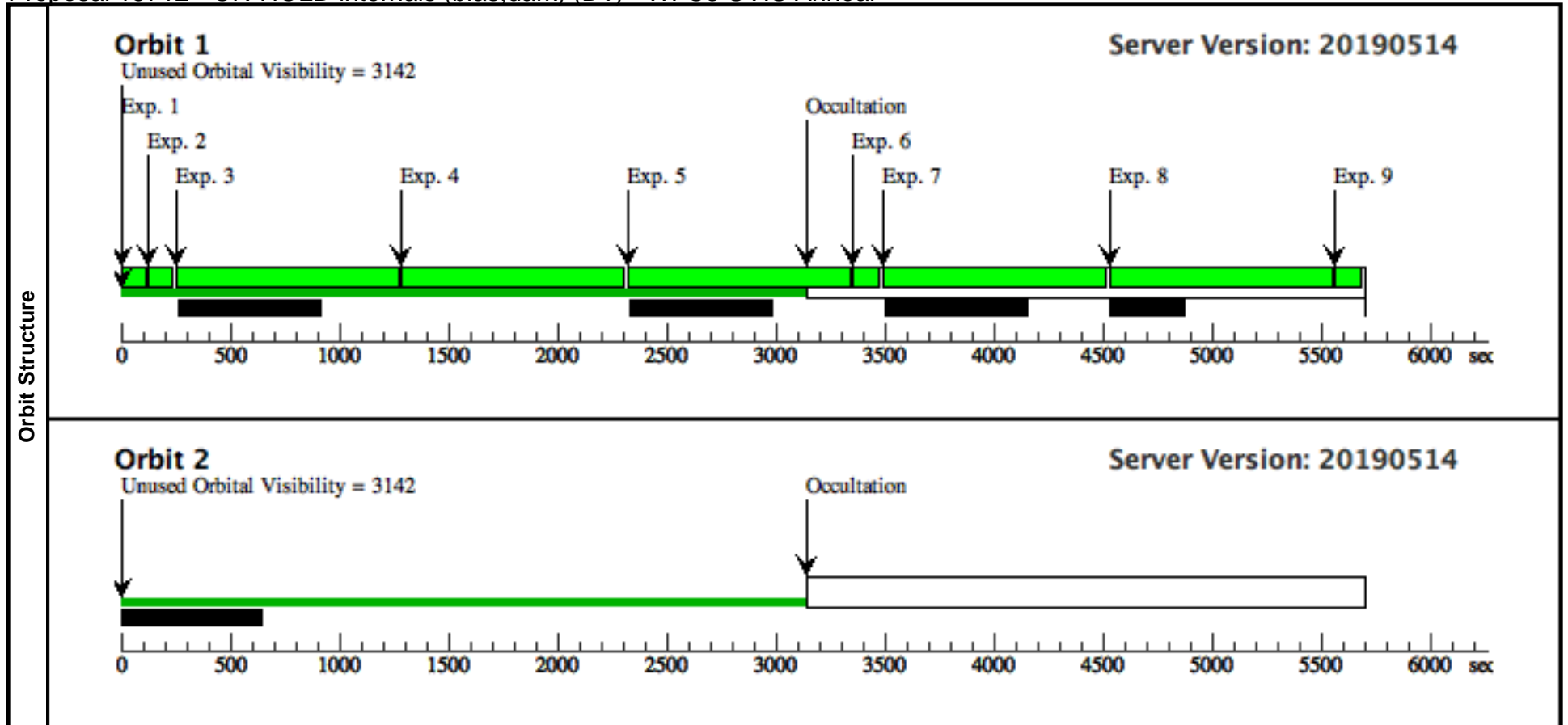
Visit	<b>Proposal 15712, internals (bias,dark) (C4), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(internals (bias,dark) (C4)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
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 15712 - ON-HOLD internals (bias,dark) (D1) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

<b>Visit</b>	<p><b>Proposal 15712, ON-HOLD internals (bias,dark) (D1), implementation</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: SEQ D1,D2,D3,D4,D5 WITHIN 72 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) (D1)) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU</p>									
<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]

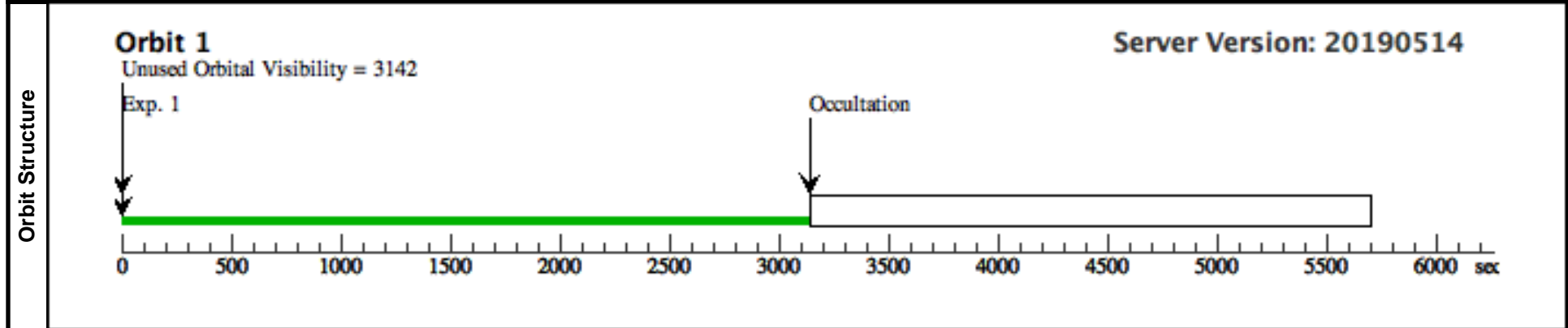


Proposal 15712 - ON-HOLD IR warm anneal (D2) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

<b>Visit</b>	Proposal 15712, ON-HOLD IR warm anneal (D2), implementation <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3 Special Requirements: ON HOLD <i>Comments: Using minimum default value + 1sec.</i> <i>On Hold Comments: Contingency visit</i>								
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<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Anneal	NONE	WFC3, ANNEAL			IRTEMP=WARM			0 Secs (0 Secs) [==>]



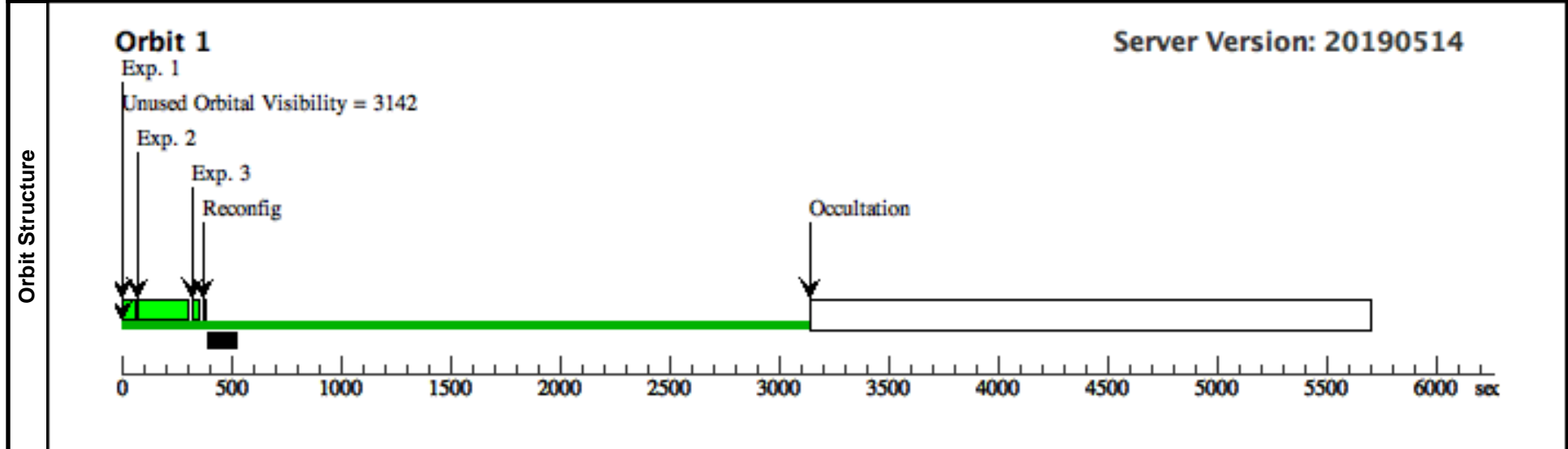
Proposal 15712 - ON-HOLD bowtie check/fix (D3) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

<b>Visit</b>	<p><b>Proposal 15712, ON-HOLD bowtie check/fix (D3), implementation</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: ON HOLD</p> <p><i>On Hold Comments: Contingency visit</i></p>
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<b>Diagnostics</b>	<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 ON-HOLD 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 ON-HOLD 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 ON-HOLD bowtie check/fix (D3)	1.0 Secs (1 Secs) [==>]	[1]

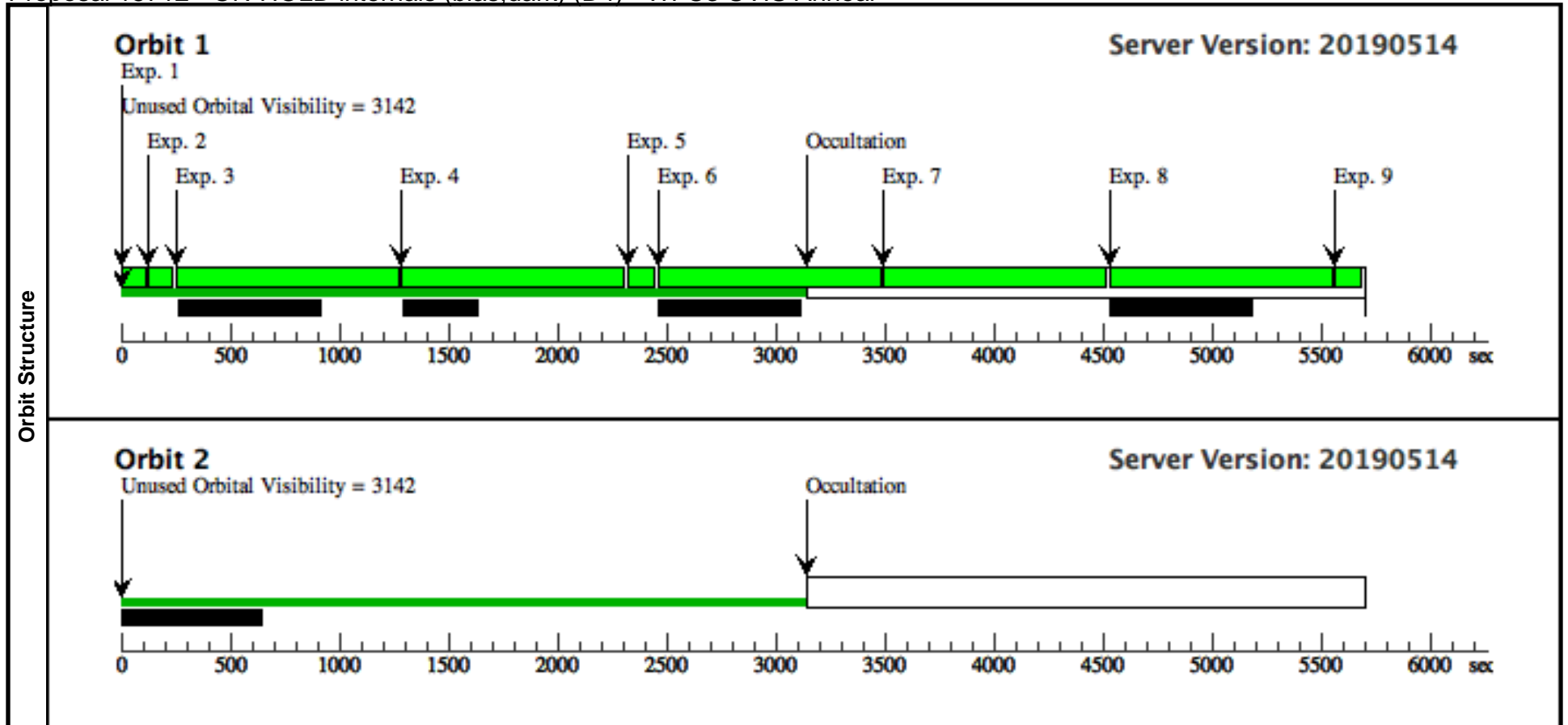


Proposal 15712 - ON-HOLD internals (bias,dark) (D4) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

<b>Visit</b>	<b>Proposal 15712, ON-HOLD internals (bias,dark) (D4), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: ON HOLD <i>On Hold Comments: Contingency visit</i>									
	(ON-HOLD internals (bias,dark) (D4)) 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	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 15712 - ON-HOLD IR dark (D5) - WFC3 UVIS Anneal

Fri Aug 09 21:05:14 GMT 2019

<b>Visit</b>	Proposal 15712, ON-HOLD IR dark (D5), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ON HOLD On Hold Comments: Contingency visit									
<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	IR dark	DARK	WFC3/IR, MULTIACCUM, IR	BLANK	SAMP-SEQ=SPARS 50; NSAMP=15			702.938605 Secs (702.939 Secs) [==>]	[1]
<b>Orbit Structure</b>	Orbit 1 Unused Orbital Visibility = 3142 Server Version: 20190514									
	<p>The diagram shows a horizontal timeline from 0 to 6000 seconds. A green bar starts at 0 and ends at approximately 700 seconds, labeled 'Exp. 1'. A black bar starts at approximately 700 seconds and ends at approximately 1000 seconds, labeled 'Occultation'. A white bar starts at 0 and ends at 6000 seconds, representing the total orbit duration. The x-axis is labeled 'sec' and has major tick marks every 500 seconds.</p>									