



17355 - WFC3 Characterization of UVIS Traps with Charge Injection

Cycle: 31, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
Anne O'Connor (PI) (Contact)	Space Telescope Science Institute
Mariarosa Marinelli (CoI) (Contact)	Space Telescope Science Institute
Mr. Harish Khandrika (CoI) (Contact)	Space Telescope Science Institute

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	WFC3/UVIS	1	18-Jul-2023 11:00:16.0	yes
02	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:16.0	yes
03	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:16.0	yes
04	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:17.0	yes
05	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:17.0	yes
06	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:18.0	yes
07	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:18.0	yes
08	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:18.0	yes
09	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:19.0	yes
10	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:19.0	yes
11	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:19.0	yes
12	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:20.0	yes

Proposal 17355 (STScI Edit Number: 0, Created: Tuesday, July 18, 2023 at 10:00:29 AM 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>
13	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:20.0	yes
14	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:21.0	yes
15	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:21.0	yes
16	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:21.0	yes
17	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:22.0	yes
18	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:22.0	yes
19	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:22.0	yes
20	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:23.0	yes
21	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:23.0	yes
22	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:24.0	yes
23	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:24.0	yes
24	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:24.0	yes
25	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:25.0	yes
26	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:25.0	yes
27	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:25.0	yes
28	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:26.0	yes
29	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:26.0	yes
30	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:27.0	yes
31	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:27.0	yes
32	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:27.0	yes
33	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:28.0	yes
34	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:28.0	yes
35	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:28.0	yes
36	BIAS	WFC3/UVIS	1	18-Jul-2023 11:00:29.0	yes

36 Total Orbits Used

ABSTRACT

Due to damage to the silicon lattice of the UVIS CCD chips over time, the charge transfer efficiency (CTE) of the UVIS camera degrades, impacting science and calibration observations. A way to slow the impact of CTE loss is by applying a pixel-based CTE correction. Such a correction requires an algorithm that can identify and locate traps that are responsible for charge loss. This program will locate and characterize these charge traps, map their distribution across the CCD chips, and monitor the trap population growth over time.

Previous programs: 12693, 13084, 13569, 14013, 14379, 14542, 14991, 15577, 15722, 16402, 16574, 17010

OBSERVING DESCRIPTION

There will be a total of 36 internal orbits: Each visit will have a 5 day window to be executed, and there will be 1 orbit of 'line 25' charge injected biases every 10 days.

--Additional Comments--

4 iterations of each exposure are performed to improve the signal to noise of the final superbias.

The ``MAXIMUM DURATION EXCEEDED`` error is due to these iterations.

Proposal 17355 - Visit 01 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:29 GMT 2023

Visit	Proposal 17355, Visit 01, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-NOV-2023:00:00:00 AND 12-NOV-2023:00:00:00									
	(Visit 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20220630</p> <p>Unused Orbital Visibility = 3142</p> <p>The timeline shows a green bar from 0 to approximately 3142 seconds, representing orbital visibility. Within this bar, four green rectangles represent exposure times for 'Exp. 1, copy 1' through 'Exp. 1, copy 4'. After 3142 seconds, a long white bar indicates the 'Occultation' period.</p>									
	<p>Exp. 1, copy 1 Exp. 1, copy 3</p> <p>Exp. 1, copy 2 Exp. 1, copy 4</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 17355 - Visit 02 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:29 GMT 2023

Visit	Proposal 17355, Visit 02, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-NOV-2023:00:00:00 AND 22-NOV-2023:00:00:00									
	(Visit 02) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20220630</p> <p>Unused Orbital Visibility = 3142</p> <p>The timeline shows a green bar representing the orbit from 0 to approximately 3142 seconds. Four exposure events are marked with arrows and labels: 'Exp. 1, copy 1' at ~100s, 'Exp. 1, copy 2' at ~200s, 'Exp. 1, copy 3' at ~1000s, and 'Exp. 1, copy 4' at ~1100s. Black bars below the green bar indicate occultation periods. A long white bar starting at ~3142s and ending at ~5700s is labeled 'Occultation'. The x-axis is labeled '0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec'.</p>									

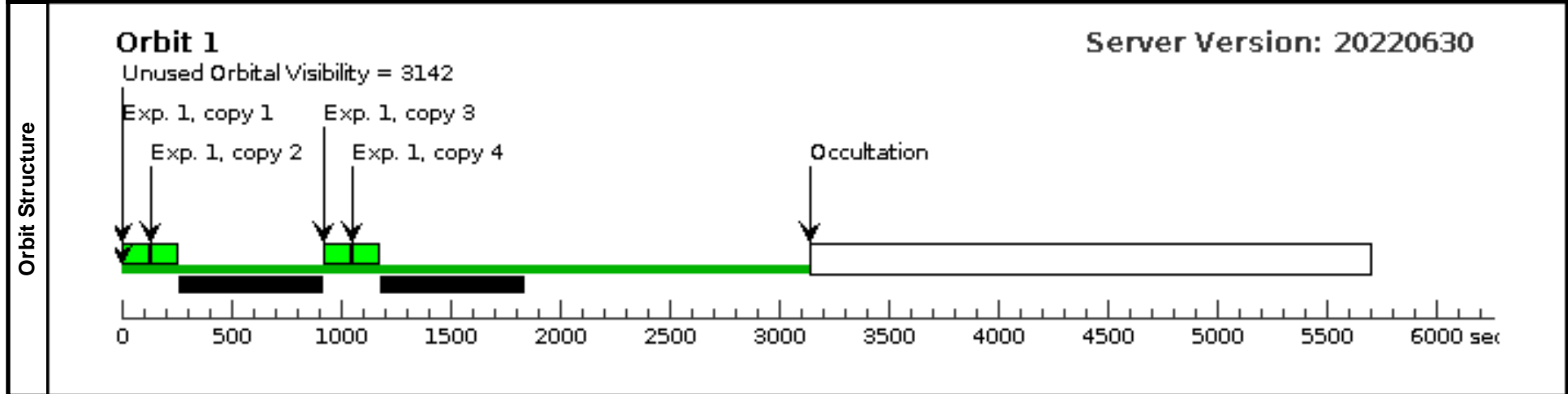
Proposal 17355 - Visit 03 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:29 GMT 2023

Visit	Proposal 17355, Visit 03, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-NOV-2023:00:00:00 AND 02-DEC-2023:00:00:00
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Diagnostics	(Visit 03) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
								[=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]



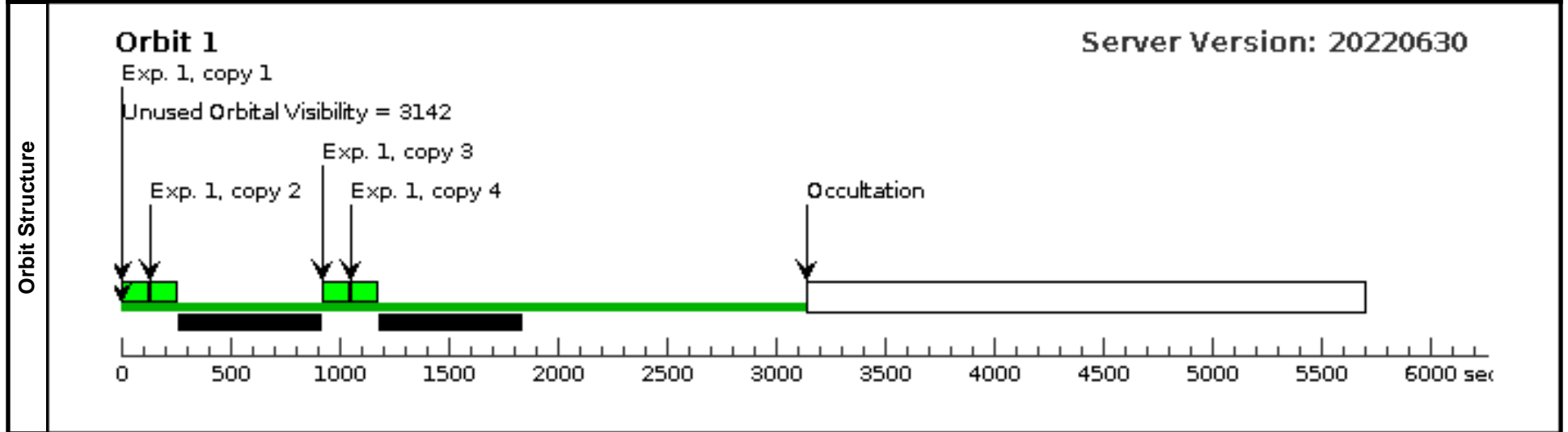
Proposal 17355 - Visit 04 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:29 GMT 2023

Visit	Proposal 17355, Visit 04, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-DEC-2023:00:00:00 AND 12-DEC-2023:00:00:00
	(Visit 04) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

Diagnostics	(Visit 04) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
									[=>(Copy 3)]	
									[=>(Copy 4)]	



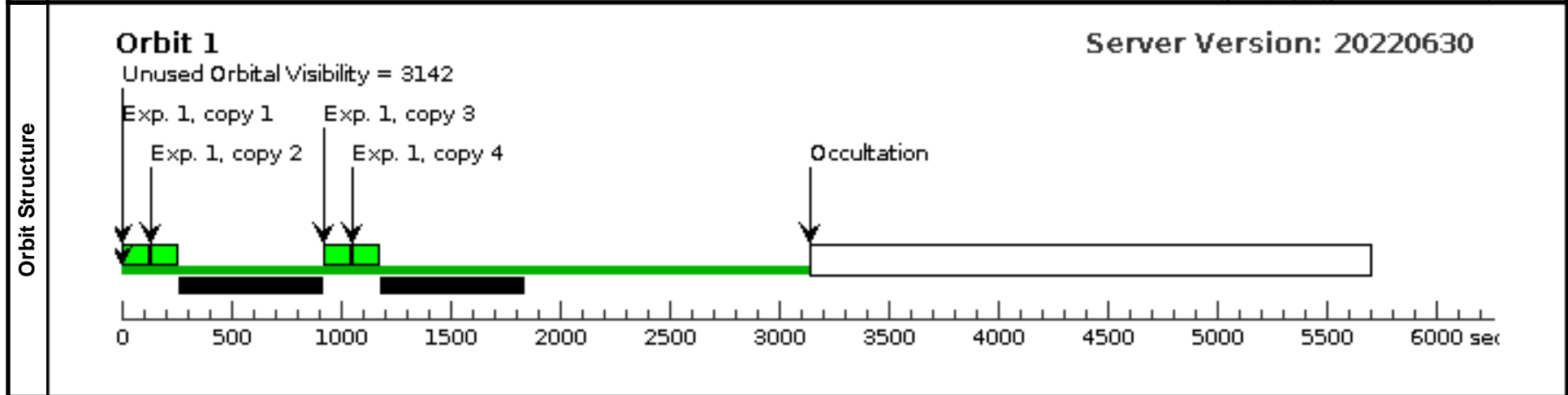
Proposal 17355 - Visit 05 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:29 GMT 2023

Visit	Proposal 17355, Visit 05, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-DEC-2023:00:00:00 AND 22-DEC-2023:00:00:00
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Diagnostics	(Visit 05) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
								[=>(Copy 1)]	
								[=>(Copy 2)]	
								[=>(Copy 3)]	[1]
								[=>(Copy 4)]	



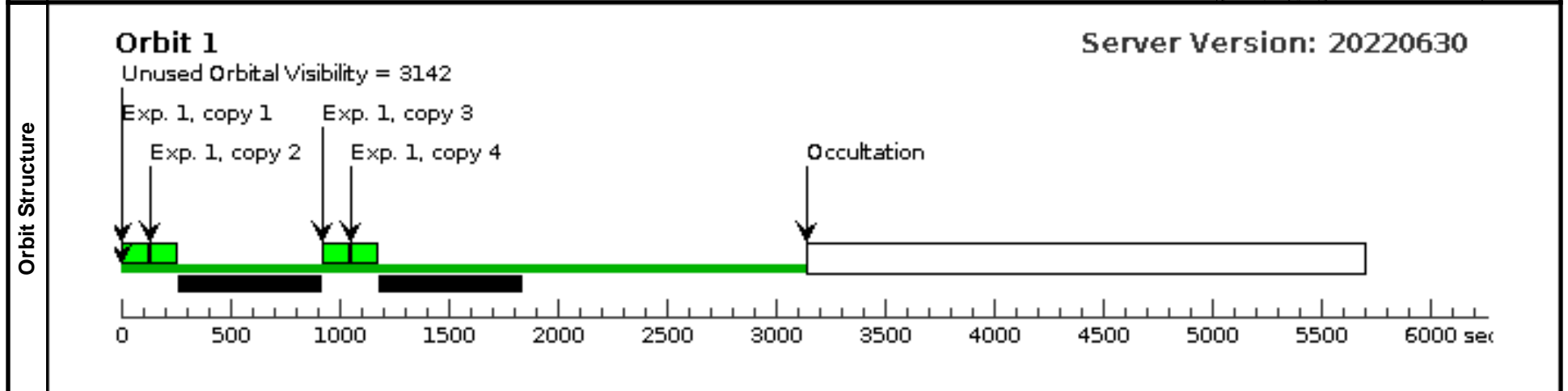
Proposal 17355 - Visit 06 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:29 GMT 2023

Visit	Proposal 17355, Visit 06, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-DEC-2023:00:00:00 AND 01-JAN-2024:00:00:00
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Diagnostics	(Visit 06) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
								[=>(Copy 1)]	[1]
								[=>(Copy 2)]	
								[=>(Copy 3)]	
								[=>(Copy 4)]	



Proposal 17355 - Visit 07 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:29 GMT 2023

Visit	Proposal 17355, Visit 07, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-JAN-2024:00:00:00 AND 11-JAN-2024:00:00:00									
	(Visit 07) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
Orbit Structure	Orbit 1 Unused Orbital Visibility = 3142 Server Version: 20220630									
	<p>The diagram shows a timeline for Orbit 1 from 0 to 6000 seconds. A green bar represents the total orbital visibility, which ends at approximately 3142 seconds. Four exposure events are marked with green rectangles and arrows: 'Exp. 1, copy 1' at ~100s, 'Exp. 1, copy 2' at ~200s, 'Exp. 1, copy 3' at ~1000s, and 'Exp. 1, copy 4' at ~1100s. Black bars below the green bar indicate occultation periods. A long white bar starting at ~3142s and ending at ~5700s is labeled 'Occultation'.</p>									

Proposal 17355 - Visit 08 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:29 GMT 2023

Visit	Proposal 17355, Visit 08, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-JAN-2024:00:00:00 AND 21-JAN-2024:00:00:00									
Diagnostics	(Visit 08) 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 WFC3/UVIS, ACCUM, UVIS DEF INJECT=LINE25 0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]										[1]
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="210 600 735 1006"> <p>Orbit 1 Unused Orbital Visibility = 3142</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3142 seconds. Four exposure events are marked with arrows and labels: 'Exp. 1, copy 1' at ~100s, 'Exp. 1, copy 2' at ~200s, 'Exp. 1, copy 3' at ~1000s, and 'Exp. 1, copy 4' at ~1100s. Black bars below the green bar indicate occultation periods. A long white bar starting at ~3142s and ending at ~5700s is labeled 'Occultation'.</p> </div> <div data-bbox="1407 600 1890 649"> <p>Server Version: 20220630</p> </div> </div>									

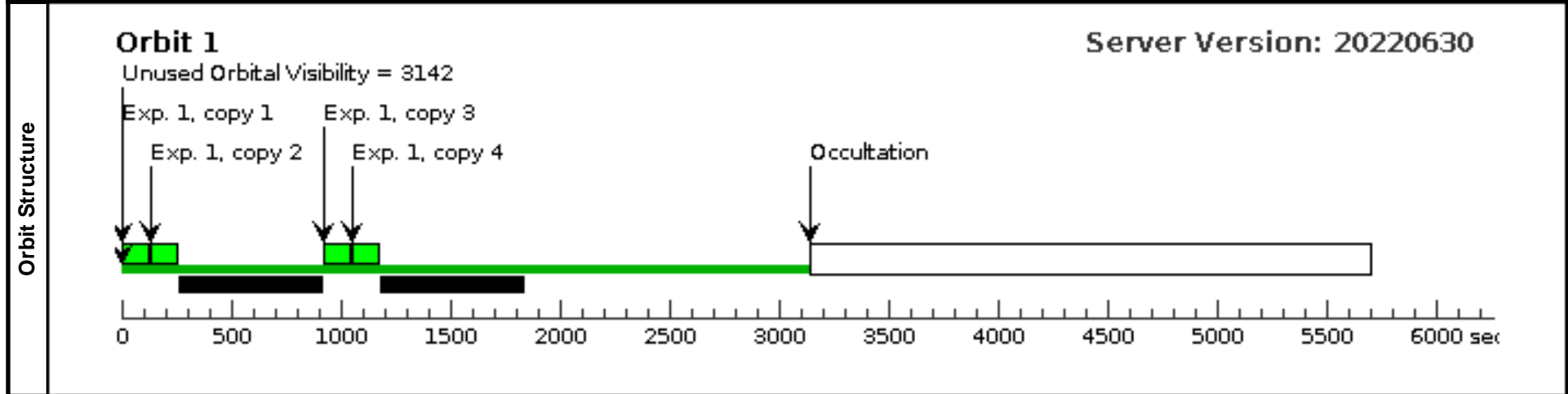
Proposal 17355 - Visit 09 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 09, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 26-JAN-2024:00:00:00 AND 31-JAN-2024:00:00:00

Diagnostics	(Visit 09) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
									[=>(Copy 3)]	
									[=>(Copy 4)]	



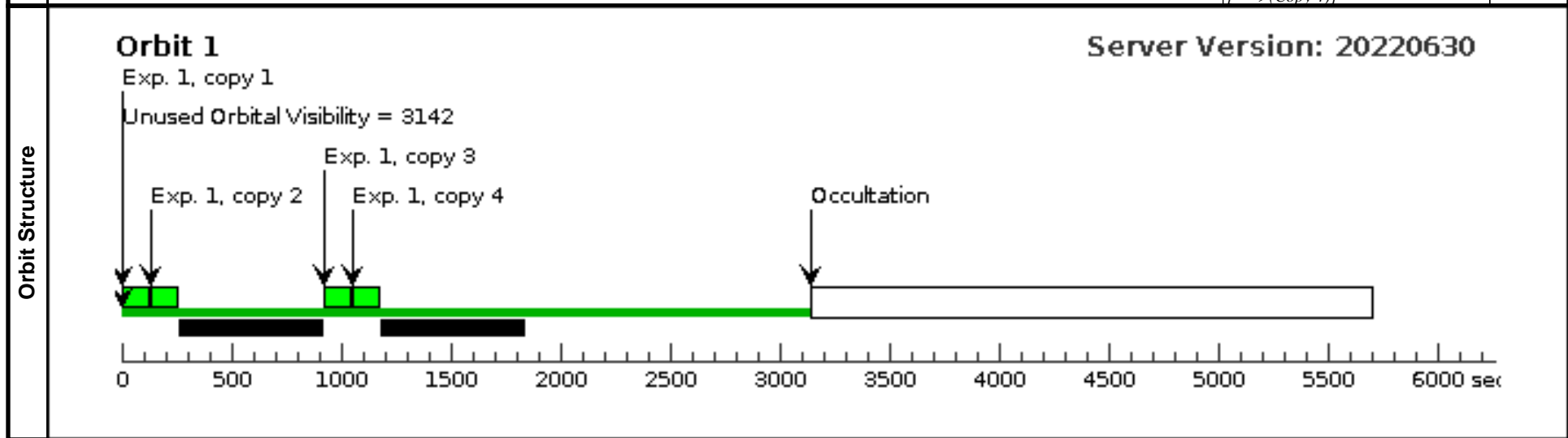
Proposal 17355 - Visit 10 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 10, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 05-FEB-2024:00:00:00 AND 10-FEB-2024:00:00:00

Diagnostics	(Visit 10) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
									[=>(Copy 3)]	
									[=>(Copy 4)]	



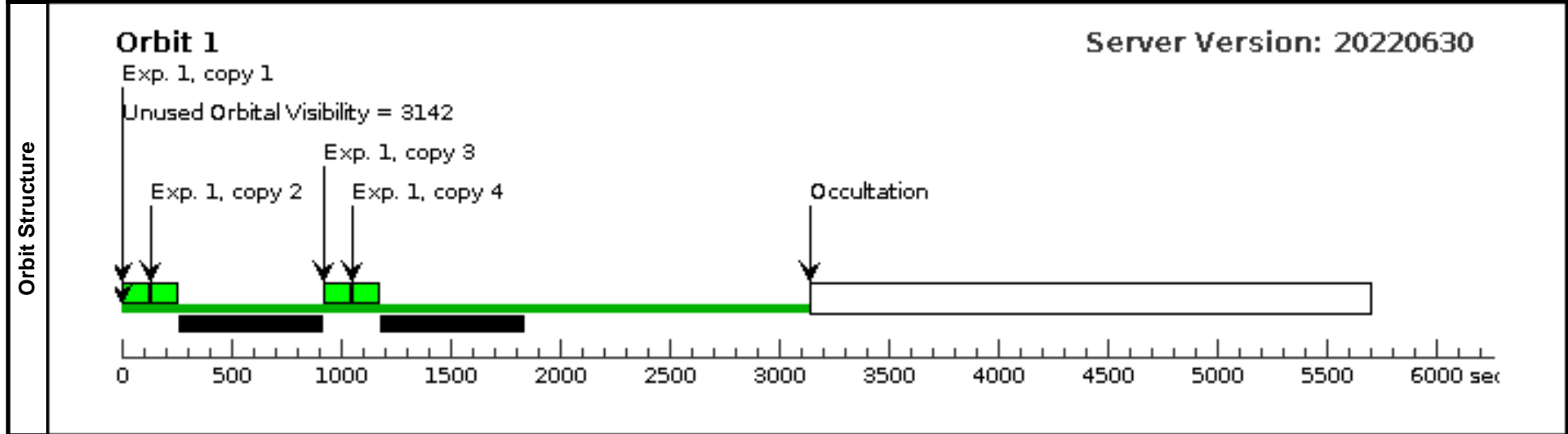
Proposal 17355 - Visit 11 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 11, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 15-FEB-2024:00:00:00 AND 20-FEB-2024:00:00:00

Diagnostics	(Visit 11) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
									[==>(Copy 4)]	



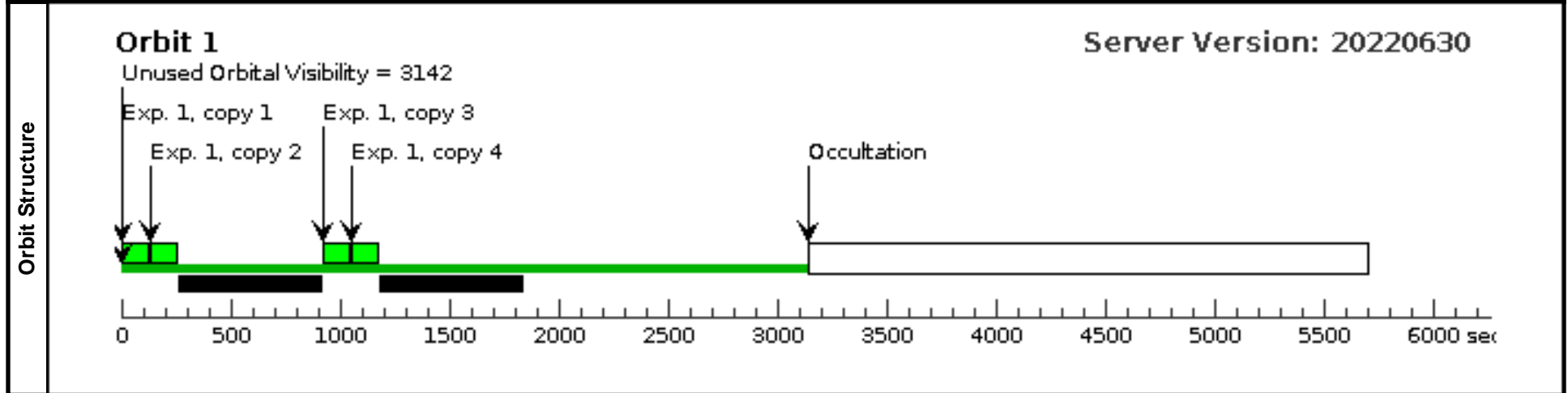
Proposal 17355 - Visit 12 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 12, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-FEB-2024:00:00:00 AND 02-MAR-2024:00:00:00

Diagnostics	(Visit 12) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
									[=>(Copy 3)]	
									[=>(Copy 4)]	



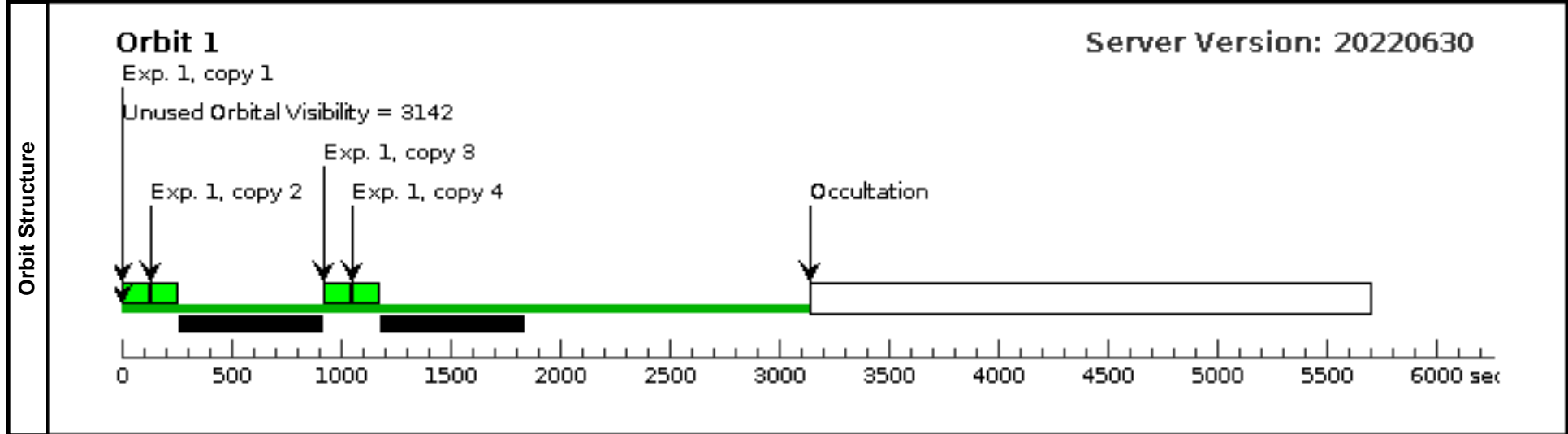
Proposal 17355 - Visit 13 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 13, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-MAR-2024:00:00:00 AND 12-MAR-2024:00:00:00
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Diagnostics	(Visit 13) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
								[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]



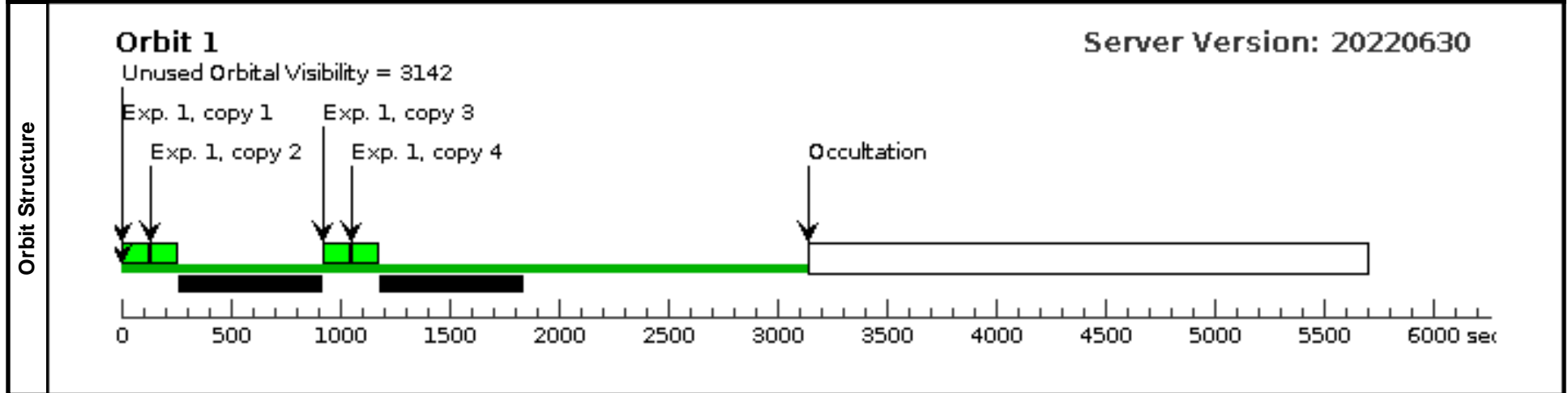
Proposal 17355 - Visit 14 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 14, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-MAR-2024:00:00:00 AND 22-MAR-2024:00:00:00
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Diagnostics	(Visit 14) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
								[=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]



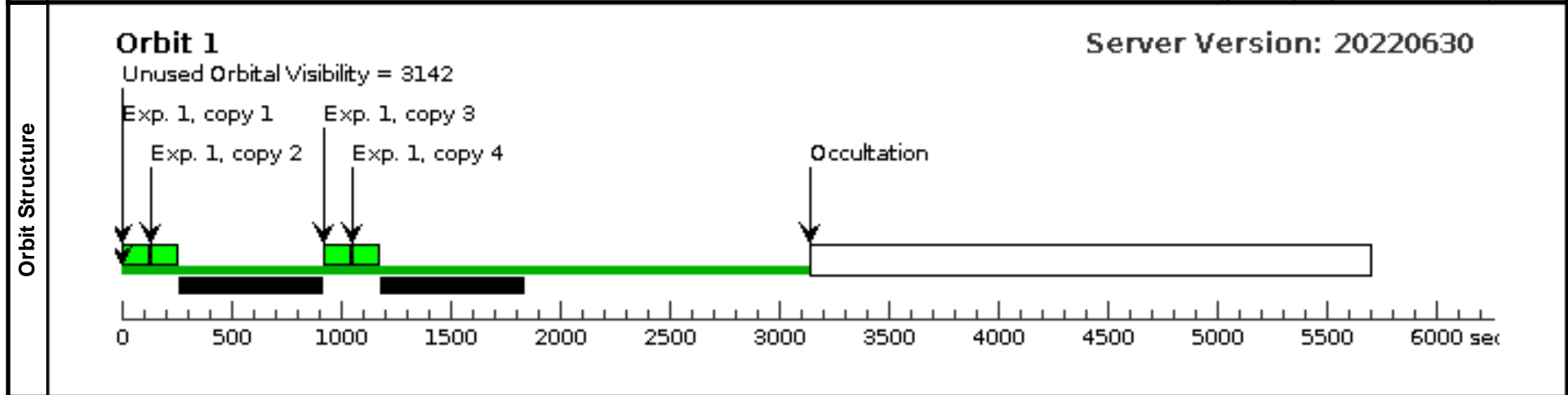
Proposal 17355 - Visit 15 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 15, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-MAR-2024:00:00:00 AND 01-APR-2024:00:00:00
	(Visit 15) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

Diagnostics	(Visit 15) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
									[=>(Copy 3)]	
									[=>(Copy 4)]	



Proposal 17355 - Visit 16 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 16, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-APR-2024:00:00:00 AND 11-APR-2024:00:00:00
	(Visit 16) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>BIAS</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>DEF</td> <td>INJECT=LINE25</td> <td></td> <td></td> <td>0 Secs X 4 (0 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 1)]</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">[1]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 2)]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 3)]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 4)]</td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)										[==>(Copy 1)]	[1]									[==>(Copy 2)]									[==>(Copy 3)]									[==>(Copy 4)]
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																
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								[==>(Copy 1)]	[1]																																																	
								[==>(Copy 2)]																																																		
								[==>(Copy 3)]																																																		
								[==>(Copy 4)]																																																		

Orbit Structure	<p>Orbit 1</p> <p>Exp. 1, copy 1</p> <p>Unused Orbital Visibility = 3142</p> <p>Exp. 1, copy 2</p> <p>Exp. 1, copy 3</p> <p>Exp. 1, copy 4</p> <p>Occultation</p> <p>The diagram shows a horizontal timeline from 0 to 6000 seconds. A green bar represents the total orbital visibility, which ends at approximately 3142 seconds. Four small green rectangles represent exposure times: 'Exp. 1, copy 1' at ~100s, 'Exp. 1, copy 2' at ~200s, 'Exp. 1, copy 3' at ~1000s, and 'Exp. 1, copy 4' at ~1100s. A white bar from ~3142s to ~5700s is labeled 'Occultation'. Black bars below the green bar indicate periods of non-visibility. The x-axis is labeled '0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec'.</p>
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Server Version: 20220630

Proposal 17355 - Visit 17 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 17, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-APR-2024:00:00:00 AND 21-APR-2024:00:00:00																																																												
Diagnostics	(Visit 17) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU																																																												
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>BIAS</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>DEF</td> <td>INJECT=LINE25</td> <td></td> <td></td> <td>0 Secs X 4 (0 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 1)]</td> <td>[1]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 2)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 3)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 4)]</td> <td></td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)										[==>(Copy 1)]	[1]									[==>(Copy 2)]										[==>(Copy 3)]										[==>(Copy 4)]	
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																				
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)																																																					
								[==>(Copy 1)]	[1]																																																				
								[==>(Copy 2)]																																																					
								[==>(Copy 3)]																																																					
								[==>(Copy 4)]																																																					
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="210 600 735 1006"> <p>Orbit 1 Unused Orbital Visibility = 3142</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3142 seconds. Four exposure events are marked with arrows and labels: 'Exp. 1, copy 1' at ~100s, 'Exp. 1, copy 2' at ~200s, 'Exp. 1, copy 3' at ~1000s, and 'Exp. 1, copy 4' at ~1100s. Black bars below the green bar indicate periods of non-visibility. An 'Occultation' event is marked with an arrow at approximately 3142 seconds, where the green bar ends and a white bar begins.</p> </div> <div data-bbox="1407 600 1890 649"> <p>Server Version: 20220630</p> </div> </div>																																																												

Proposal 17355 - Visit 18 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 18, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 26-APR-2024:00:00:00 AND 01-MAY-2024:00:00:00									
	(Visit 18) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20220630</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <p>Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation</p> <p>The diagram shows a horizontal axis representing time in seconds from 0 to 6000. A green bar at the bottom indicates the total orbital visibility. Four small green rectangles represent exposure times: 'Exp. 1, copy 1' (approx. 0-100s), 'Exp. 1, copy 2' (approx. 100-200s), 'Exp. 1, copy 3' (approx. 900-1000s), and 'Exp. 1, copy 4' (approx. 1000-1100s). A long white rectangle labeled 'Occultation' starts at approximately 3142 seconds and ends at approximately 5700 seconds. Black bars below the green bar indicate periods of non-visibility.</p>									
	<p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 17355 - Visit 19 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 19, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2024:00:00:00 AND 11-MAY-2024:00:00:00																																																																						
	(Visit 19) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU																																																																						
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>BIAS</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>DEF</td> <td>INJECT=LINE25</td> <td></td> <td></td> <td>0 Secs X 4 (0 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 1)]</td> <td>[1]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 2)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 3)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 4)]</td> <td></td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)										[==>(Copy 1)]	[1]									[==>(Copy 2)]										[==>(Copy 3)]										[==>(Copy 4)]											
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																													
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)																																																															
								[==>(Copy 1)]	[1]																																																														
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								[==>(Copy 3)]																																																															
								[==>(Copy 4)]																																																															
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="210 600 735 1055"> <p>Orbit 1</p> <p>Exp. 1, copy 1</p> <p>Unused Orbital Visibility = 3142</p> <p>Exp. 1, copy 2</p> <p>Exp. 1, copy 3</p> <p>Exp. 1, copy 4</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p> </div> <div data-bbox="1407 600 1890 649"> <p>Server Version: 20220630</p> </div> </div>																																																																						

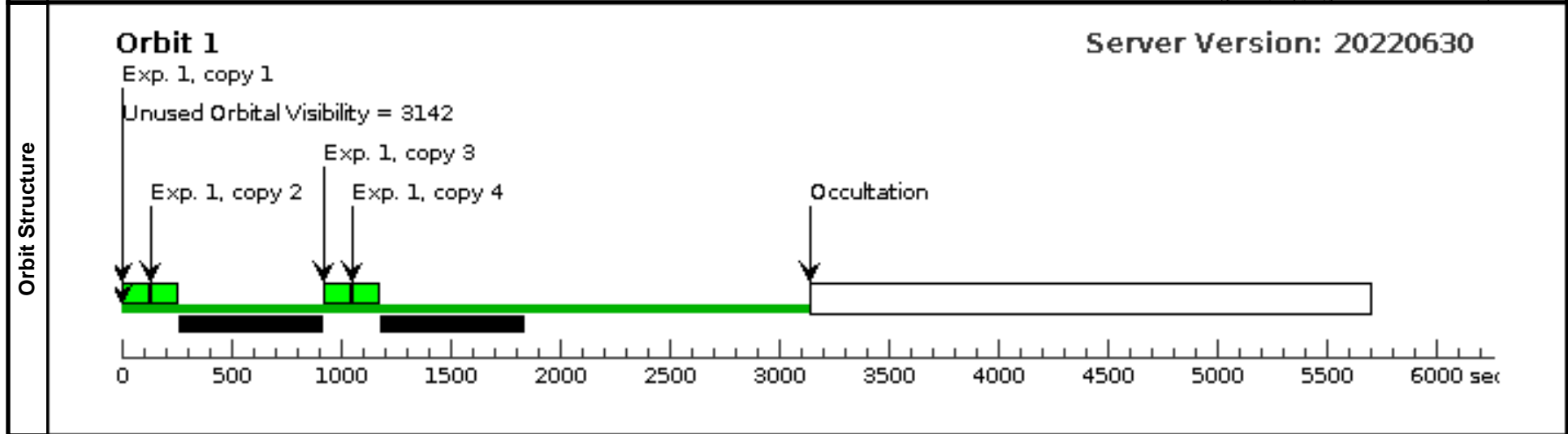
Proposal 17355 - Visit 20 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 20, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-MAY-2024:00:00:00 AND 21-MAY-2024:00:00:00
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Diagnostics	(Visit 20) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
								[=>(Copy 1)]	
								[=>(Copy 2)]	
								[=>(Copy 3)]	[1]
								[=>(Copy 4)]	



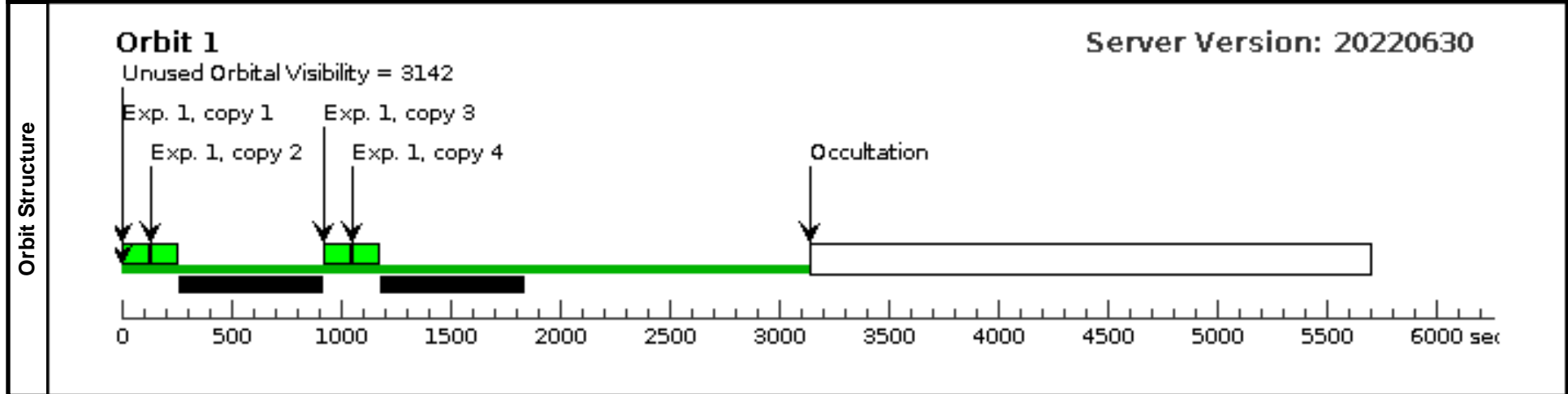
Proposal 17355 - Visit 21 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 21, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 26-MAY-2024:00:00:00 AND 31-MAY-2024:00:00:00

Diagnostics	(Visit 21) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
									[=>(Copy 3)]	
									[=>(Copy 4)]	



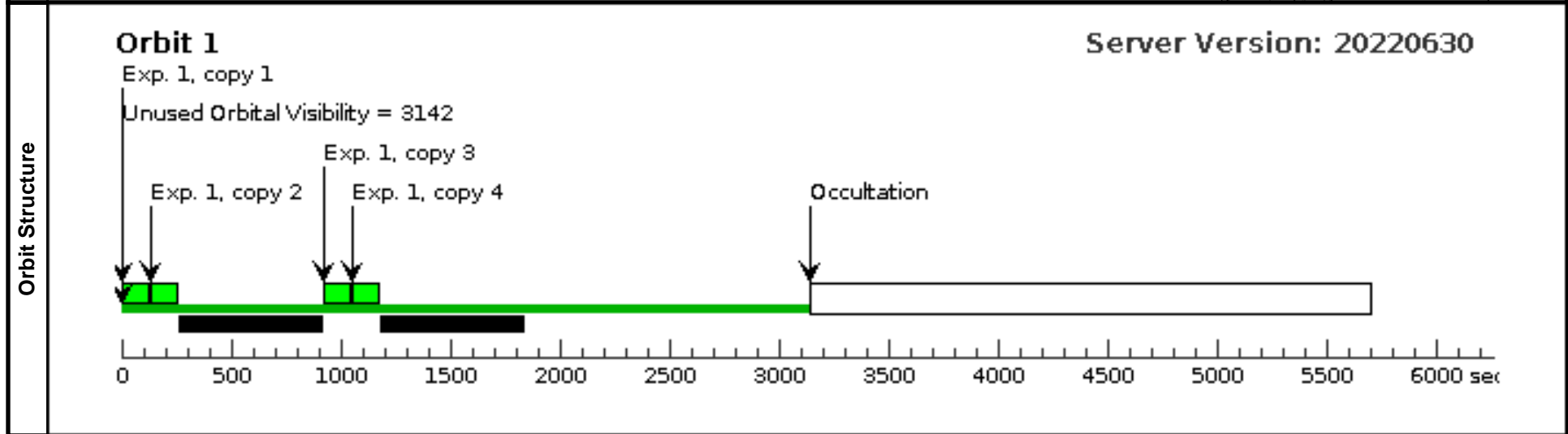
Proposal 17355 - Visit 22 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 22, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 05-JUN-2024:00:00:00 AND 10-JUN-2024:00:00:00
	(Visit 22) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

Diagnostics	(Visit 22) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
									[=>(Copy 3)]	
									[=>(Copy 4)]	



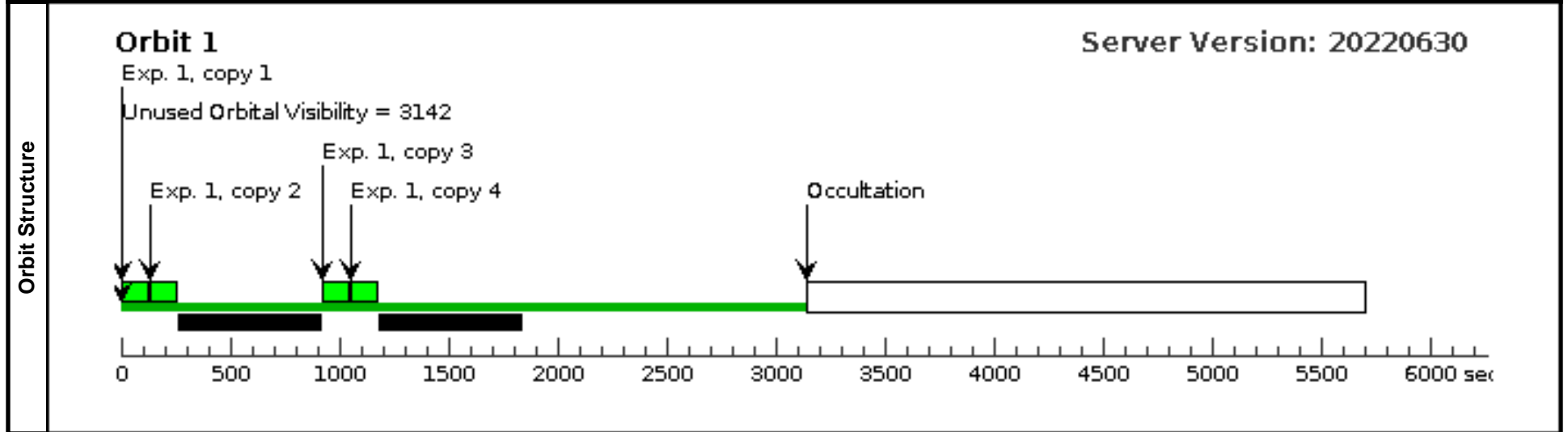
Proposal 17355 - Visit 23 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 23, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 15-JUN-2024:00:00:00 AND 20-JUN-2024:00:00:00

Diagnostics	(Visit 23) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
									[==>(Copy 4)]	



Proposal 17355 - Visit 24 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 24, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-JUN-2024:00:00:00 AND 30-JUN-2024:00:00:00									
Diagnostics	(Visit 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										
WFC3/UVIS, ACCUM, UVIS										
DEF										
INJECT=LINE25										
0 Secs X 4 (0 Secs)										
[=>(Copy 1)]										
[=>(Copy 2)]										
[=>(Copy 3)]										[1]
[=>(Copy 4)]										
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="210 600 735 1055"> <p>Orbit 1</p> <p>Exp. 1, copy 1</p> <p>Unused Orbital Visibility = 3142</p> <p>Exp. 1, copy 2</p> <p>Exp. 1, copy 3</p> <p>Exp. 1, copy 4</p> <p>Occultation</p> <p>The diagram shows a horizontal timeline from 0 to 6000 seconds. A green bar represents the total orbital visibility, starting at 0 and ending at approximately 3142 seconds. Four small green rectangles represent exposure copies: 'Exp. 1, copy 1' at ~100s, 'Exp. 1, copy 2' at ~200s, 'Exp. 1, copy 3' at ~1000s, and 'Exp. 1, copy 4' at ~1100s. Black bars below the green bar indicate occultation periods. A larger white bar with a black outline starts at ~3142s and ends at ~5700s, labeled 'Occultation'. The x-axis is labeled '0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec'.</p> </div> <div data-bbox="1407 600 1890 649"> <p>Server Version: 20220630</p> </div> </div>									

Proposal 17355 - Visit 25 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 25, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 05-JUL-2024:00:00:00 AND 10-JUL-2024:00:00:00																																																												
Diagnostics	(Visit 25) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU																																																												
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>BIAS</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>DEF</td> <td>INJECT=LINE25</td> <td></td> <td></td> <td>0 Secs X 4 (0 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 1)]</td> <td>[1]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 2)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 3)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 4)]</td> <td></td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)										[=>(Copy 1)]	[1]									[=>(Copy 2)]										[=>(Copy 3)]										[=>(Copy 4)]	
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																				
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)																																																					
								[=>(Copy 1)]	[1]																																																				
								[=>(Copy 2)]																																																					
								[=>(Copy 3)]																																																					
								[=>(Copy 4)]																																																					
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="210 600 735 1006"> <p>Orbit 1 Unused Orbital Visibility = 3142</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3142 seconds. Four exposure copies are marked with arrows: Exp. 1, copy 1 (at ~100s), Exp. 1, copy 2 (at ~200s), Exp. 1, copy 3 (at ~1000s), and Exp. 1, copy 4 (at ~1100s). Black bars below the green bar indicate occultation periods. A long white bar starting at ~3142s and ending at ~5700s is labeled 'Occultation'.</p> </div> <div data-bbox="1407 600 1890 649"> <p>Server Version: 20220630</p> </div> </div>																																																												

Proposal 17355 - Visit 26 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 26, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 15-JUL-2024:00:00:00 AND 20-JUL-2024:00:00:00									
	(Visit 26) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20220630</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <p>The diagram shows a horizontal timeline from 0 to 6000 seconds. A green bar represents the total exposure time, with four segments labeled 'Exp. 1, copy 1' through 'Exp. 1, copy 4'. Black bars below the green bar indicate occultation periods. An arrow labeled 'Occultation' points to a long white bar starting at approximately 3142 seconds and ending at 5700 seconds.</p>									
	<p>Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

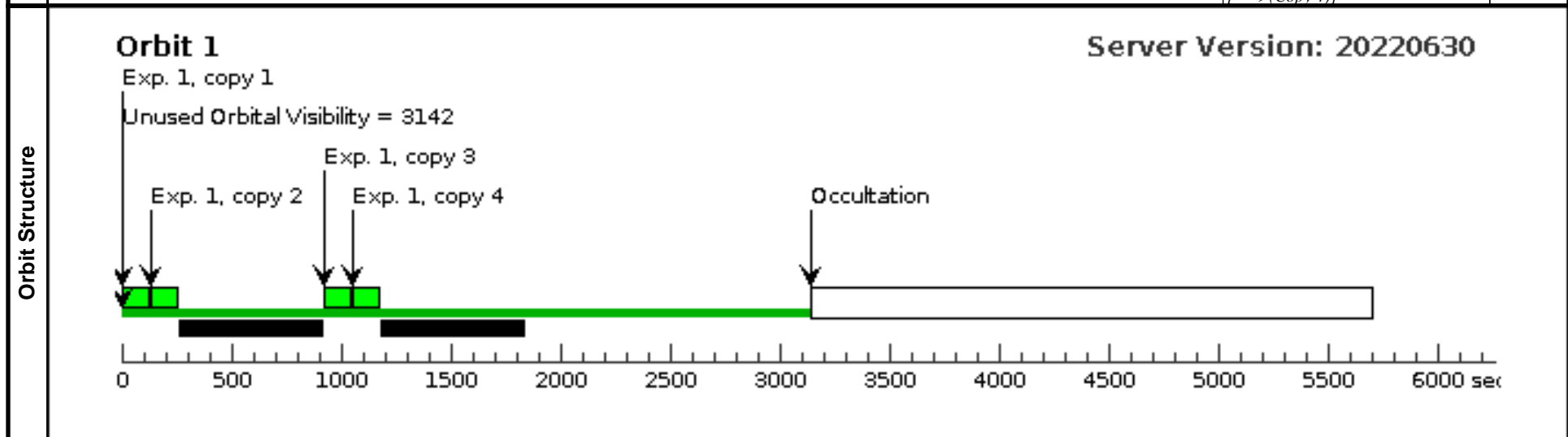
Proposal 17355 - Visit 27 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 27, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-JUL-2024:00:00:00 AND 30-JUL-2024:00:00:00
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Diagnostics	(Visit 27) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
								[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]



Proposal 17355 - Visit 28 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

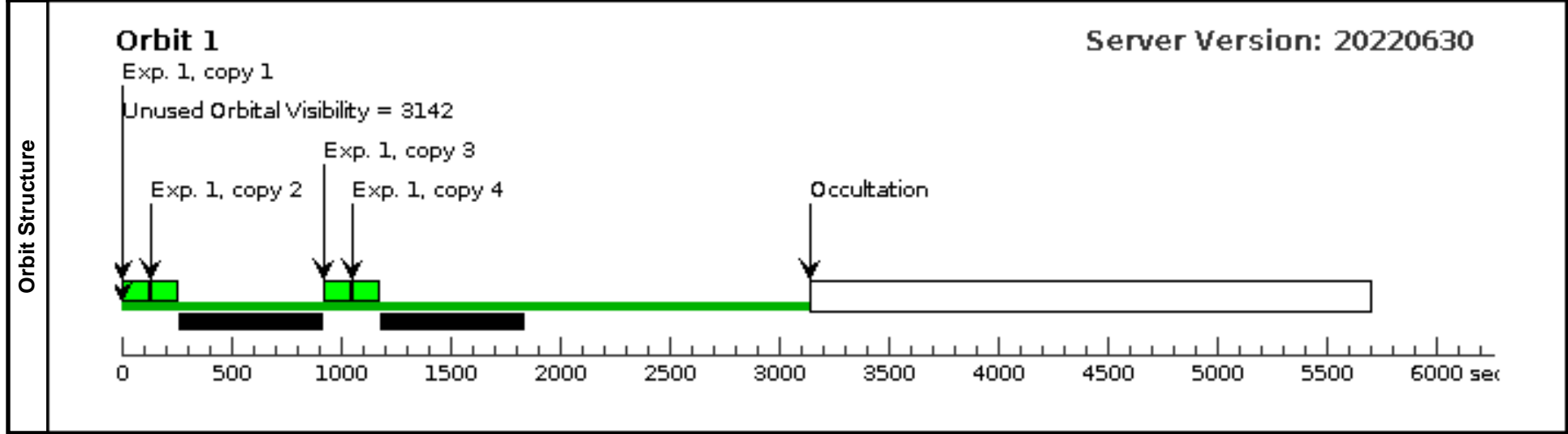
Visit	Proposal 17355, Visit 28, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 04-AUG-2024:00:00:00 AND 09-AUG-2024:00:00:00									
	(Visit 28) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Diagnostics										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20220630</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <p>Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 17355 - Visit 29 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 29, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 14-AUG-2024:00:00:00 AND 19-AUG-2024:00:00:00
	(Visit 29) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>BIAS</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>DEF</td> <td>INJECT=LINE25</td> <td></td> <td></td> <td>0 Secs X 4 (0 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 1)]</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">[1]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 2)]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 3)]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 4)]</td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)										[=>(Copy 1)]	[1]									[=>(Copy 2)]									[=>(Copy 3)]									[=>(Copy 4)]
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)																																																		
								[=>(Copy 1)]	[1]																																																	
								[=>(Copy 2)]																																																		
								[=>(Copy 3)]																																																		
								[=>(Copy 4)]																																																		



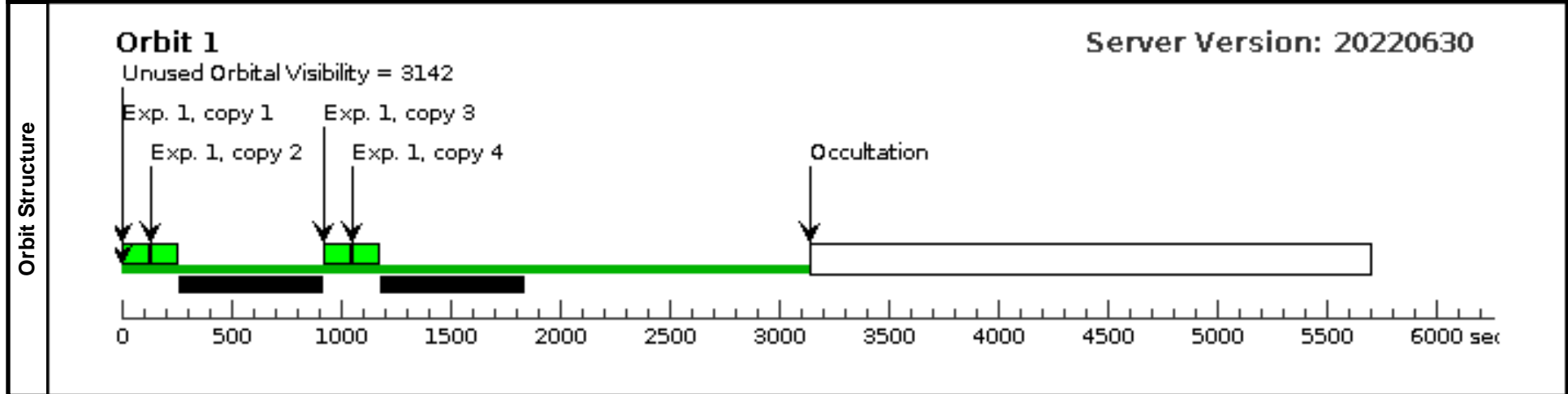
Proposal 17355 - Visit 30 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 30, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 24-AUG-2024:00:00:00 AND 29-AUG-2024:00:00:00

Diagnostics	(Visit 30) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
									[=>(Copy 3)]	
									[=>(Copy 4)]	



Proposal 17355 - Visit 31 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 31, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 03-SEP-2024:00:00:00 AND 08-SEP-2024:00:00:00									
	(Visit 31) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Diagnostics										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20220630</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <p>Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3142 seconds. Four exposure events are marked with arrows and green boxes: Exp. 1, copy 1 (at ~100s), Exp. 1, copy 2 (at ~200s), Exp. 1, copy 3 (at ~1000s), and Exp. 1, copy 4 (at ~1100s). Black bars below the green bar indicate occultation periods. A long white bar starting at ~3142s and ending at ~5700s represents the occultation period.</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

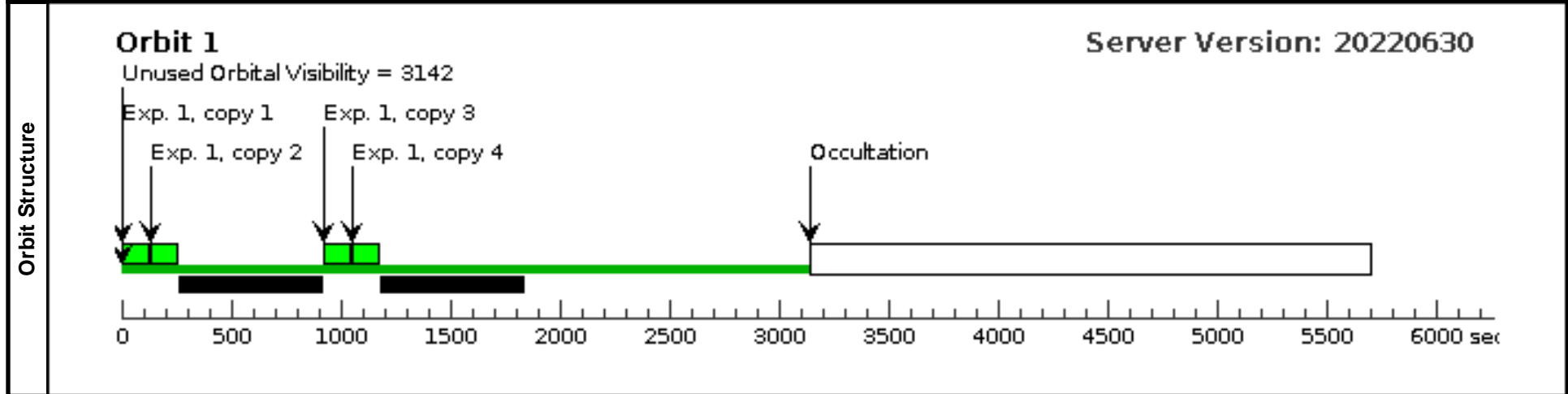
Proposal 17355 - Visit 32 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 32, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-SEP-2024:00:00:00 AND 18-SEP-2024:00:00:00

Diagnostics	(Visit 32) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
									[=>(Copy 3)]	
									[=>(Copy 4)]	



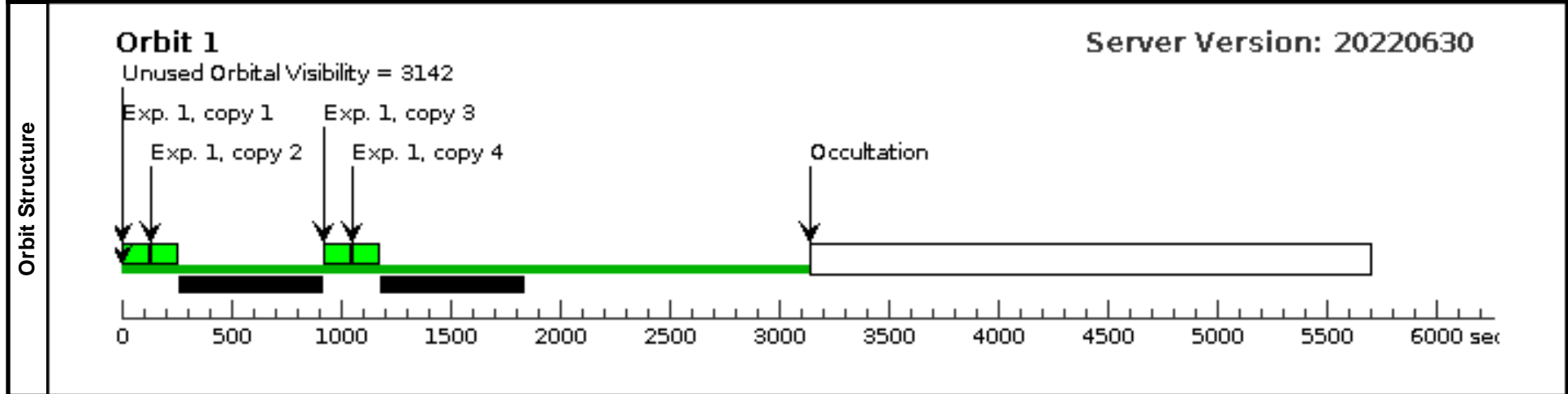
Proposal 17355 - Visit 33 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 33, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 23-SEP-2024:00:00:00 AND 28-SEP-2024:00:00:00

Diagnostics	(Visit 33) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
									[=>(Copy 3)]	
									[=>(Copy 4)]	

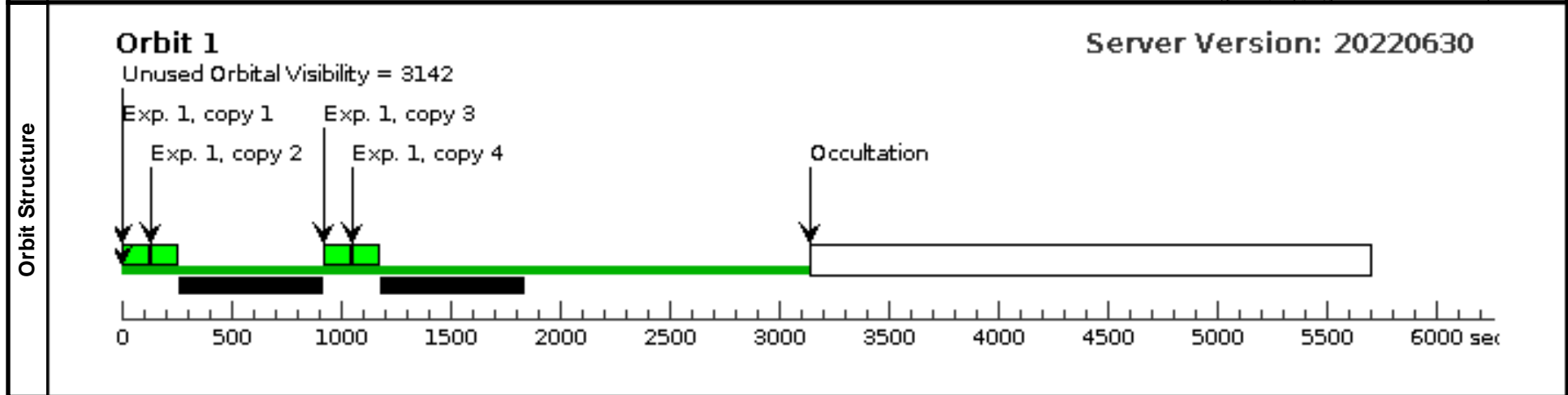


Proposal 17355 - Visit 34 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 34, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 03-OCT-2024:00:00:00 AND 08-OCT-2024:00:00:00
	(Visit 34) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>BIAS</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>DEF</td> <td>INJECT=LINE25</td> <td></td> <td></td> <td>0 Secs X 4 (0 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 1)]</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">[1]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 2)]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 3)]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[=>(Copy 4)]</td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)										[=>(Copy 1)]	[1]									[=>(Copy 2)]									[=>(Copy 3)]									[=>(Copy 4)]
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																
1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)																																																		
								[=>(Copy 1)]	[1]																																																	
								[=>(Copy 2)]																																																		
								[=>(Copy 3)]																																																		
								[=>(Copy 4)]																																																		



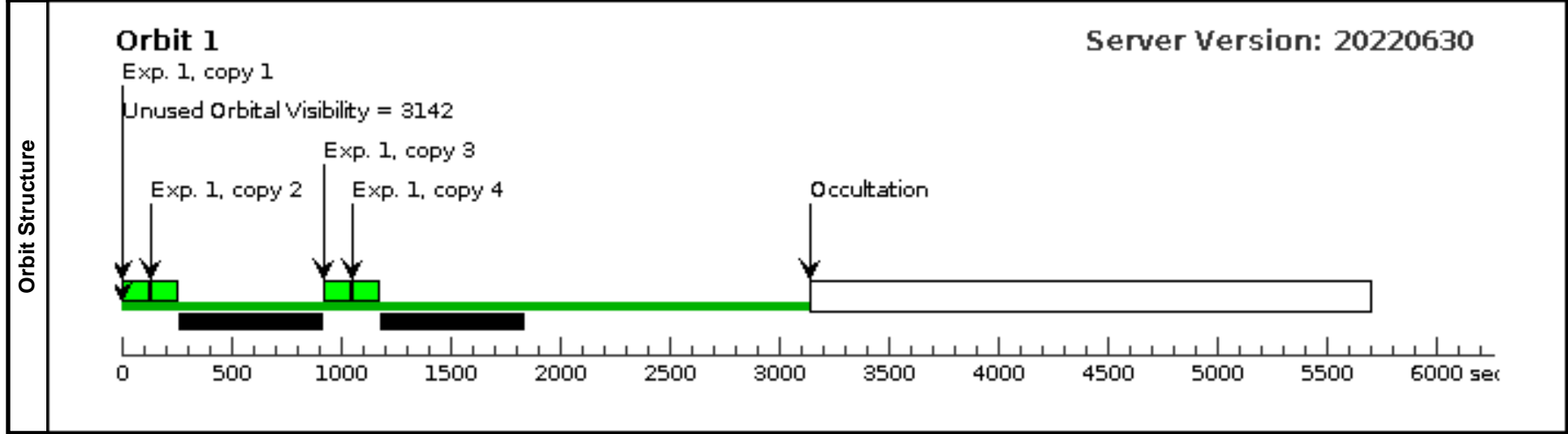
Proposal 17355 - Visit 35 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 35, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-OCT-2024:00:00:00 AND 18-OCT-2024:00:00:00
	(Visit 35) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

Diagnostics	(Visit 35) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
									[=>(Copy 3)]	
									[=>(Copy 4)]	



Proposal 17355 - Visit 36 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 18 15:00:30 GMT 2023

Visit	Proposal 17355, Visit 36, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 23-OCT-2024:00:00:00 AND 28-OCT-2024:00:00:00									
	(Visit 36) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20220630</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <p>Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation</p> <p>The diagram shows a horizontal timeline from 0 to 6000 seconds. A green bar represents the total orbital visibility, which ends at approximately 3142 seconds. Four small green rectangles represent exposure times: 'Exp. 1, copy 1' (0-100s), 'Exp. 1, copy 2' (100-200s), 'Exp. 1, copy 3' (900-1000s), and 'Exp. 1, copy 4' (1000-1100s). Black bars below the green bar indicate occultation periods. A large white rectangle labeled 'Occultation' starts at approximately 3142 seconds and extends to the end of the orbit at 6000 seconds.</p>									
	<p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									