



## 15577 - WFC3 Characterization of UVIS traps with CI

Cycle: 26, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

### INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
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Mr. Harish Khandrika (CoI)	Space Telescope Science Institute	hkhandrika@stsci.edu

### 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	08-Aug-2018 12:08:23.0	yes
02	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:24.0	yes
03	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:25.0	yes
04	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:25.0	yes
05	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:26.0	yes
06	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:26.0	yes
07	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:27.0	yes
08	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:27.0	yes
09	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:28.0	yes
10	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:28.0	yes
11	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:28.0	yes
12	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:29.0	yes

Proposal 15577 (STScI Edit Number: 0, Created: Wednesday, August 8, 2018 11:08:41 AM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
13	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:29.0	yes
14	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:30.0	yes
15	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:30.0	yes
16	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:31.0	yes
17	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:31.0	yes
18	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:31.0	yes
19	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:32.0	yes
20	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:32.0	yes
21	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:33.0	yes
22	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:33.0	yes
23	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:34.0	yes
24	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:34.0	yes
25	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:35.0	yes
26	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:35.0	yes
27	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:35.0	yes
28	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:36.0	yes
29	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:36.0	yes
30	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:37.0	yes
31	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:37.0	yes
32	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:38.0	yes
33	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:38.0	yes
34	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:38.0	yes
35	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:39.0	yes
36	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:39.0	yes
37	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:40.0	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>
38	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:40.0	yes
39	BIAS	WFC3/UVIS	1	08-Aug-2018 12:08:41.0	yes

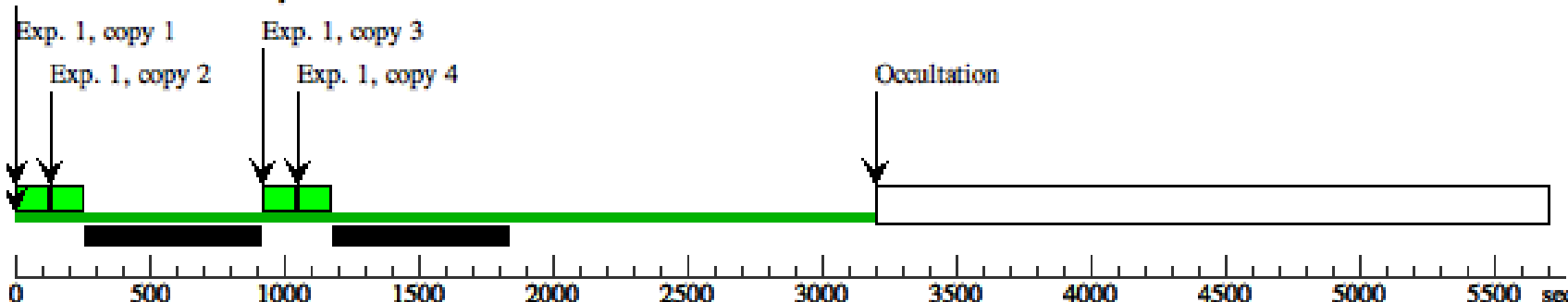
39 Total Orbits Used

### **ABSTRACT**

The Charge Transfer Efficiency (CTE) continues to decline for the WFC3/UVIS channel, as radiation continues to damage the silicon lattice of the UVIS CCD chips over time. A way to slow down 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.

### **OBSERVING DESCRIPTION**

There will be a total of 39 internal orbits: 36 orbits + 3 extra orbits to account for cycle boundary mismatch. 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.

Visit	Proposal 15577, Visit 01 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 10-OCT-2018:00:00:00 AND 15-OCT-2018:00:00:00																																																																						
	Diagnostics	(Visit 01) 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>[==&gt;(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>[==&gt;(Copy 2)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(Copy 3)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(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)]											
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								[==>(Copy 4)]																																																															
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="226 613 714 682"> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> </div> <div data-bbox="1402 613 1869 649"> <p>Server Version: 20180409</p> </div> </div>  <p>The diagram shows a timeline for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. A green bar at the bottom indicates the total orbital visibility. Four exposure events are marked with arrows and labels: 'Exp. 1, copy 1' at approximately 100s, 'Exp. 1, copy 2' at approximately 200s, 'Exp. 1, copy 3' at approximately 1000s, and 'Exp. 1, copy 4' at approximately 1100s. Black bars below the green bar indicate periods of occultation. A large white bar starting at approximately 3200s and ending at 5500s is labeled 'Occultation'.</p>																																																																						

<b>Visit</b>	Proposal 15577, Visit 02 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 20-OCT-2018:00:00:00 AND 25-OCT-2018:00:00:00									
	(Visit 02) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	#	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]
<b>Orbit Structure</b>	<div style="display: flex; justify-content: space-between;"> <div> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3202 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 white bar from ~3202s to ~5500s is labeled 'Occultation'.</p> </div> <div> <p><b>Server Version: 20180409</b></p> </div> </div>									

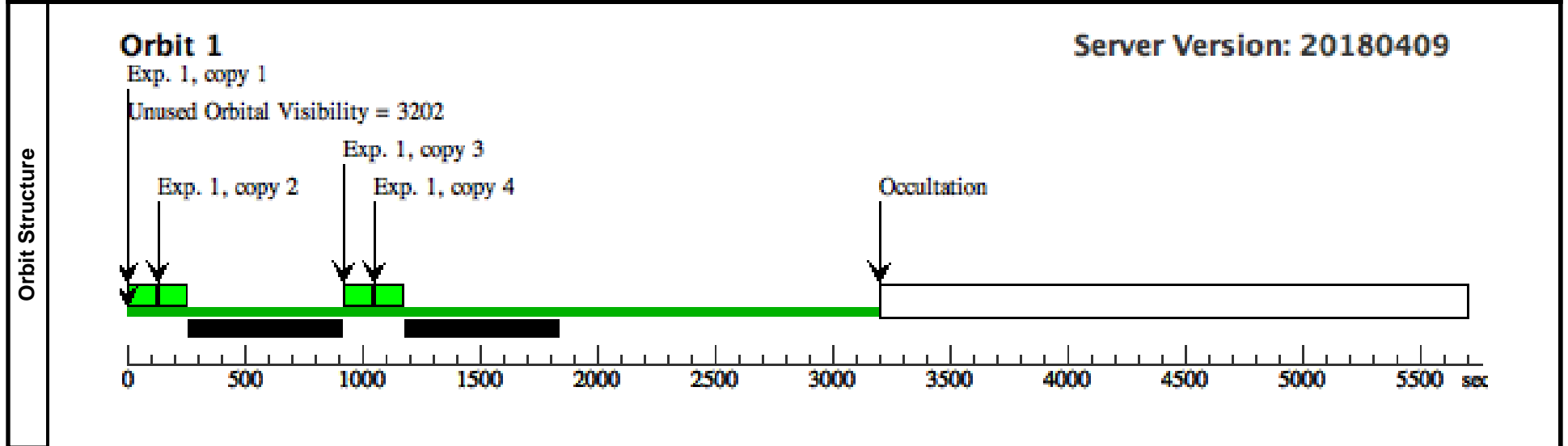
<b>Visit</b>	Proposal 15577, Visit 03 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 30-OCT-2018:00:00:00 AND 04-NOV-2018:00:00:00									
	(Visit 03) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	<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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20180409</b></span></p> <p>Unused Orbital Visibility = 3202</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3202 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 white bar from ~3202s to ~5600s is labeled 'Occultation'.</p>									
	<p>Timeline axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec</p>									

<b>Visit</b>	Proposal 15577, Visit 04 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 09-NOV-2018:00:00:00 AND 14-NOV-2018:00:00:00									
	(Visit 04) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	#	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]
<b>Orbit Structure</b>	<div style="display: flex; justify-content: space-between;"> <div> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3202 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 white bar from ~3202s to ~5600s is labeled 'Occultation'.</p> </div> <div> <p><b>Server Version: 20180409</b></p> </div> </div>									

<b>Visit</b>	Proposal 15577, Visit 05 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 19-NOV-2018:00:00:00 AND 24-NOV-2018:00:00:00

<b>Diagnostics</b>	(Visit 05) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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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		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
									[==>(Copy 4)]	





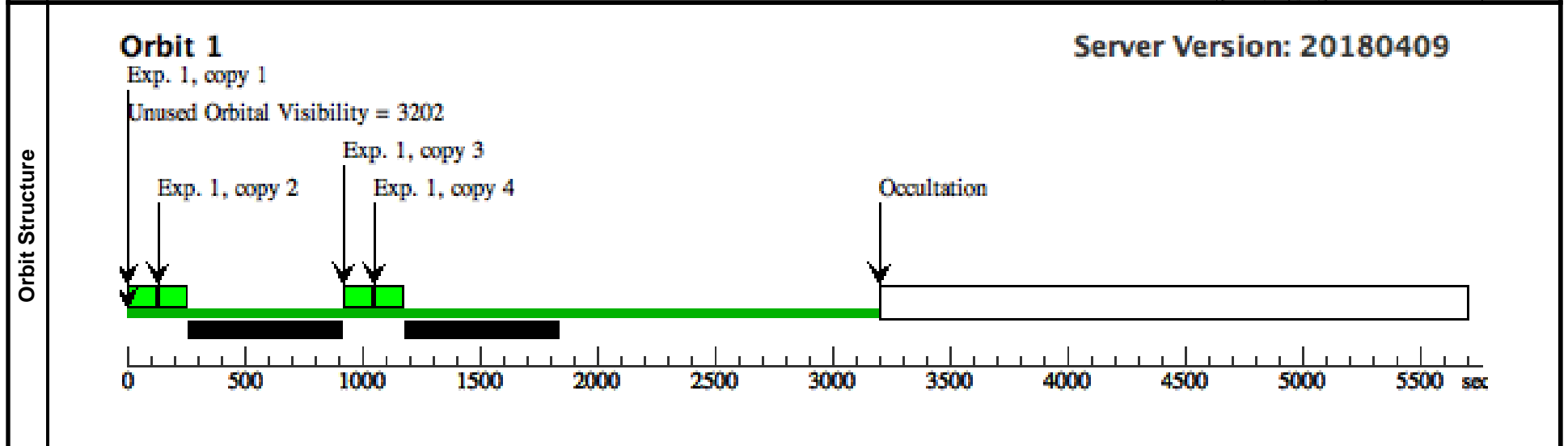
<b>Visit</b>	Proposal 15577, Visit 06 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 29-NOV-2018:00:00:00 AND 04-DEC-2018:00:00:00									
	(Visit 06) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	<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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20180409</b></span></p> <p>Unused Orbital Visibility = 3202</p>									
	<p>Exp. 1, copy 1      Exp. 1, copy 3                  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 sec</p>									

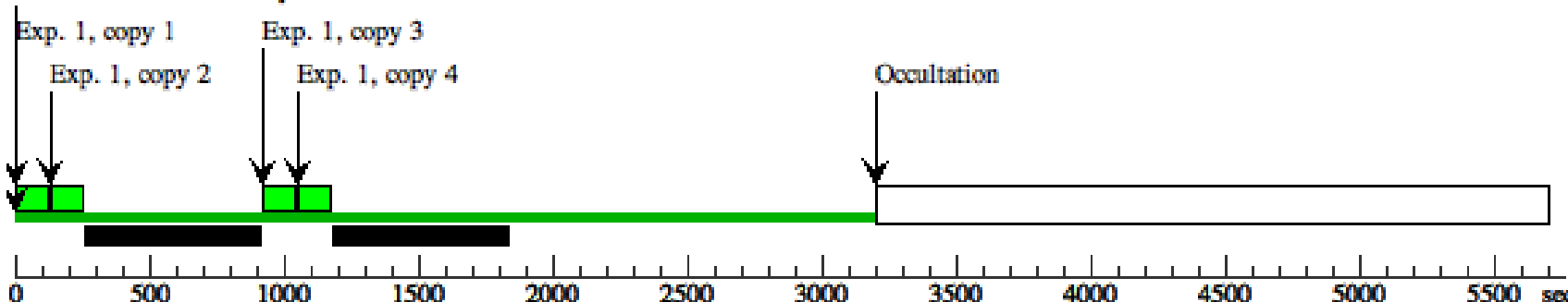
<b>Visit</b>	Proposal 15577, Visit 07 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 09-DEC-2018:00:00:00 AND 14-DEC-2018:00:00:00										
	(Visit 07) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU										
<b>Exposures</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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25				0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20180409</b></span></p> <p>Unused Orbital Visibility = 3202</p> <p>The diagram shows a horizontal axis for time in seconds, ranging from 0 to 5500 with major ticks every 500 seconds. A green line represents the orbital visibility. Four green rectangular bars 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). Below these green bars are black bars indicating gaps in visibility. A white rectangular bar from approximately 3200s to 5500s is labeled 'Occultation'.</p>										
	<p>Exp. 1, copy 1      Exp. 1, copy 2      Exp. 1, copy 3      Exp. 1, copy 4      Occultation</p>										

<b>Visit</b>	Proposal 15577, Visit 08 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 19-DEC-2018:00:00:00 AND 24-DEC-2018:00:00:00
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<b>Diagnostics</b>	(Visit 08) 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)]	

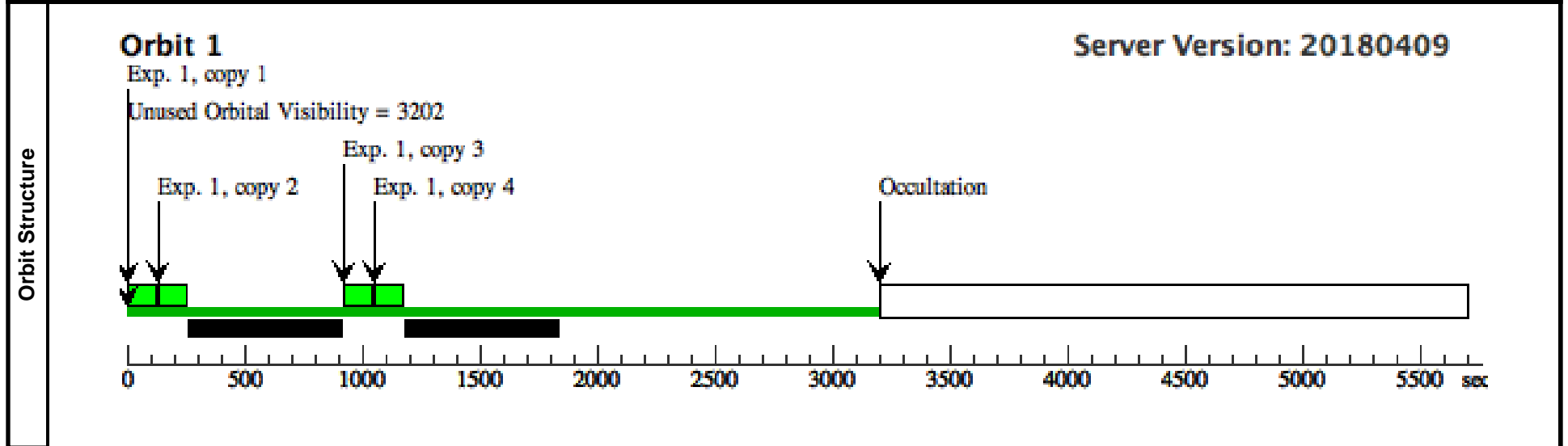


Visit	Proposal 15577, Visit 09 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 29-DEC-2018:00:00:00 AND 03-JAN-2019:00:00:00																																																													
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<b>Visit</b>	Proposal 15577, Visit 10 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-JAN-2019:00:00:00 AND 13-JAN-2019:00:00:00
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<b>Diagnostics</b>	(Visit 10) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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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		BIAS		WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]



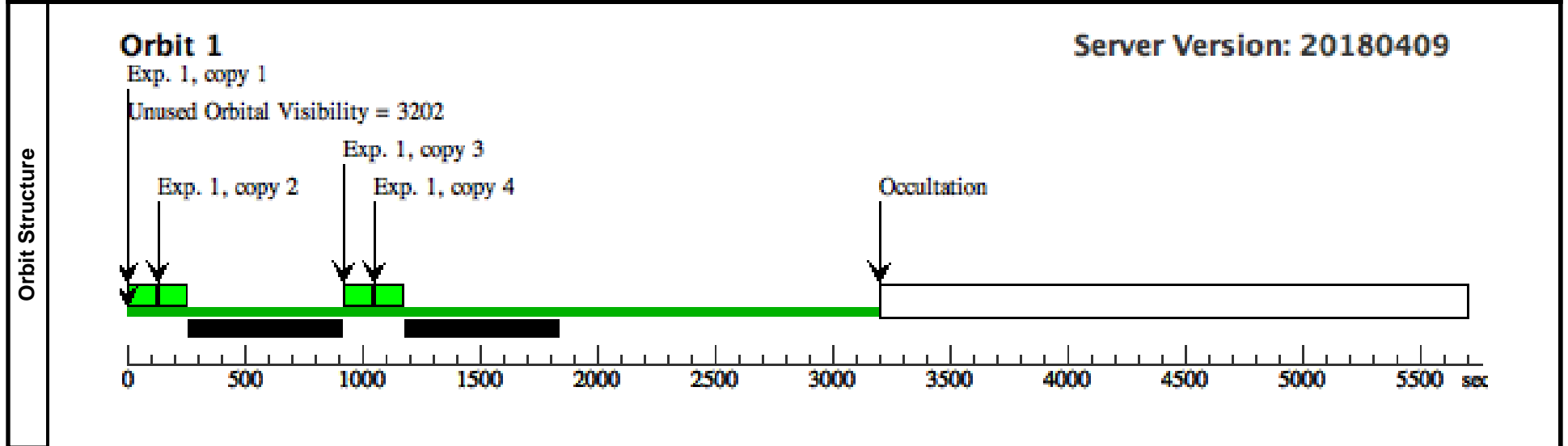
<b>Visit</b>	Proposal 15577, Visit 11 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 18-JAN-2019:00:00:00 AND 23-JAN-2019:00:00:00										
	(Visit 11) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU										
<b>Exposures</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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25				0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<div style="display: flex; justify-content: space-between;"> <div> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> </div> <div> <p><b>Server Version: 20180409</b></p> </div> </div>										

Visit	Proposal 15577, Visit 12 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 28-JAN-2019:00:00:00 AND 02-FEB-2019:00:00:00																																																													
	Diagnostics	(Visit 12) 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>[==&gt;(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>[==&gt;(Copy 2)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(Copy 3)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(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																																																				
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Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="226 613 724 1063"> <p><b>Orbit 1</b> Exp. 1, copy 1 Unused Orbital Visibility = 3202</p> <p>The timeline shows a green bar representing the orbit from 0 to approximately 3200 seconds. Four exposure copies are marked with arrows: 'Exp. 1, copy 2' at ~100s, 'Exp. 1, copy 3' at ~1000s, and 'Exp. 1, copy 4' at ~1100s. A white bar labeled 'Occultation' starts at ~3200s and ends at ~5600s. Black bars below the green bar indicate gaps in visibility.</p> </div> <div data-bbox="1402 613 1869 649"> <p>Server Version: 20180409</p> </div> </div>																																																													

<b>Visit</b>	Proposal 15577, Visit 13 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-FEB-2019:00:00:00 AND 12-FEB-2019:00:00:00
	(Visit 13) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

<b>Diagnostics</b>	(Visit 13) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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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
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									[==>(Copy 3)]	
									[==>(Copy 4)]	

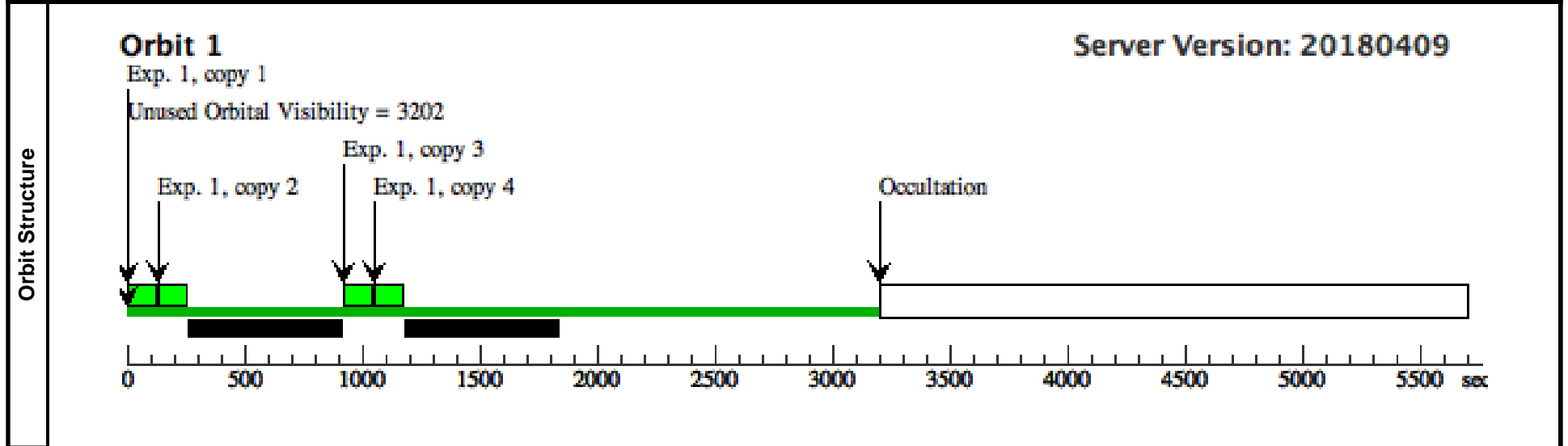




<b>Visit</b>	Proposal 15577, Visit 14 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-FEB-2019:00:00:00 AND 22-FEB-2019:00:00:00
	(Visit 14) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

<b>Diagnostics</b>	(Visit 14) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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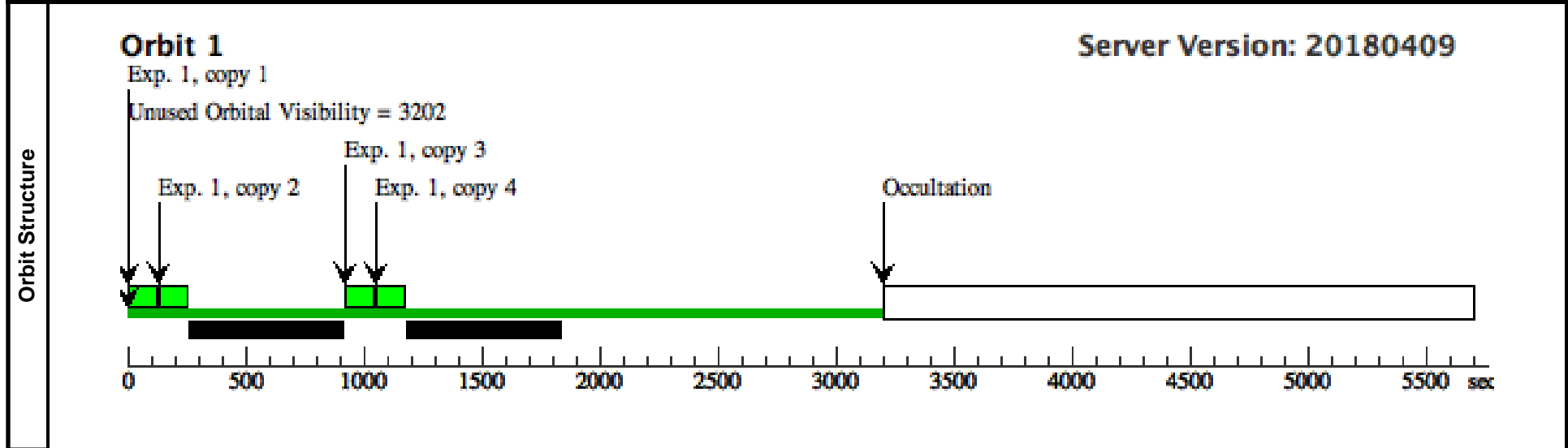
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
									[==>(Copy 4)]	



<b>Visit</b>	Proposal 15577, Visit 15 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-FEB-2019:00:00:00 AND 04-MAR-2019:00:00:00
	(Visit 15) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

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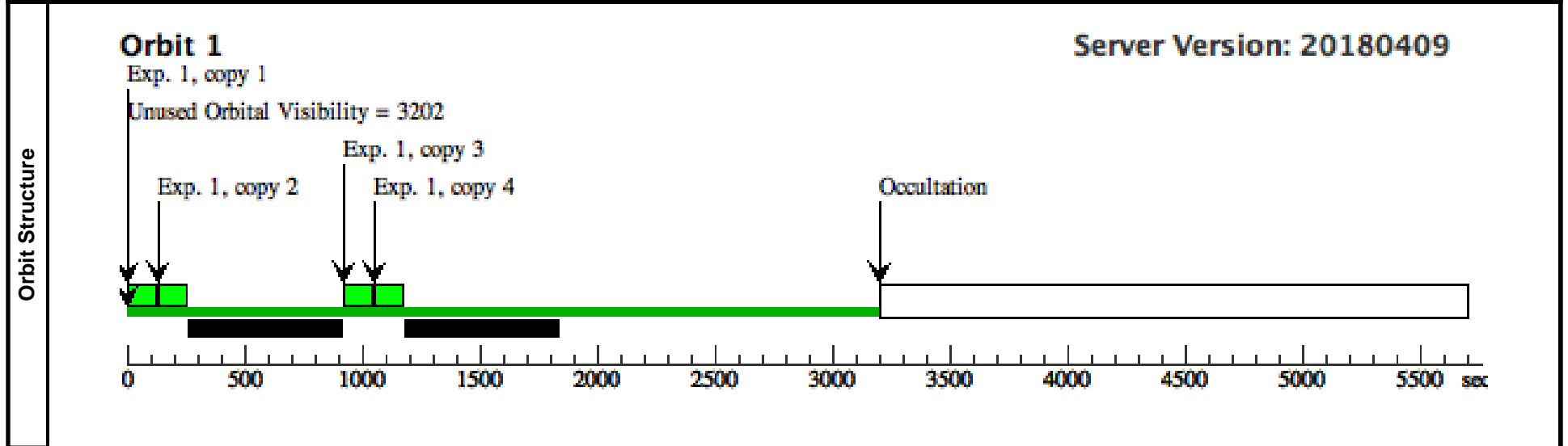
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
									[==>(Copy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



<b>Visit</b>	Proposal 15577, Visit 16 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 09-MAR-2019:00:00:00 AND 14-MAR-2019:00:00:00
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<b>Diagnostics</b>	(Visit 16) 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)]	



<b>Visit</b>	Proposal 15577, Visit 17 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 19-MAR-2019:00:00:00 AND 24-MAR-2019:00:00:00									
	(Visit 17) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	#	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]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20180409</b></span></p> <p>Unused Orbital Visibility = 3202</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3202 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 white bar labeled 'Occultation' starts at approximately 3202 seconds and continues to the end of the timeline at 5500 seconds.</p>									
	<p>Timeline axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec</p>									

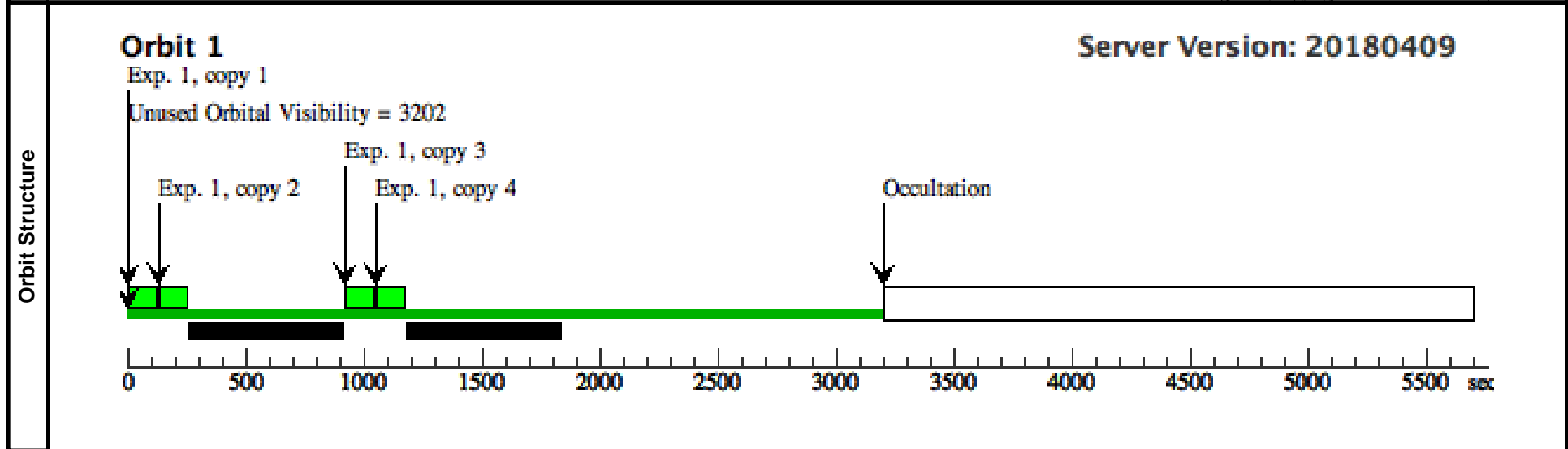
Proposal 15577 - Visit 18 - WFC3 Characterization of UVIS traps with CI

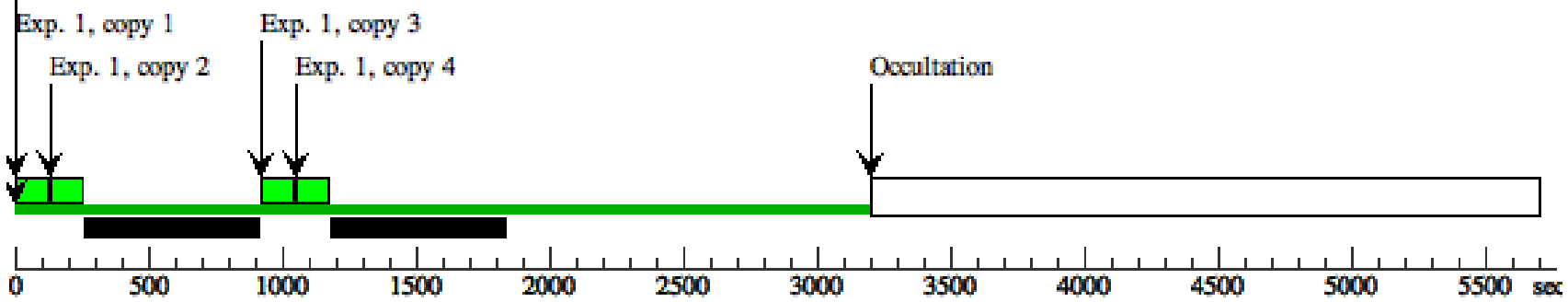
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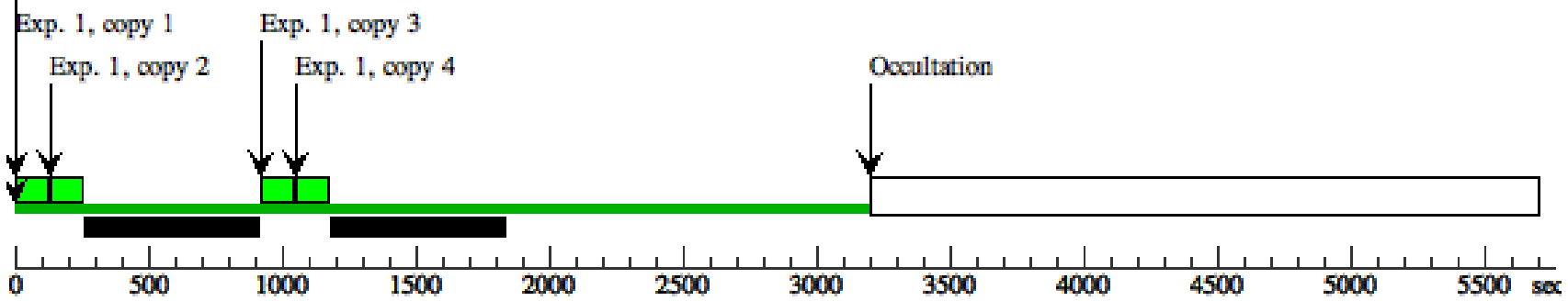
<b>Visit</b>	Proposal 15577, Visit 18 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 29-MAR-2019:00:00:00 AND 03-APR-2019:00:00:00
	(Visit 18) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

<b>Diagnostics</b>	(Visit 18) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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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		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
									[==>(Copy 4)]	



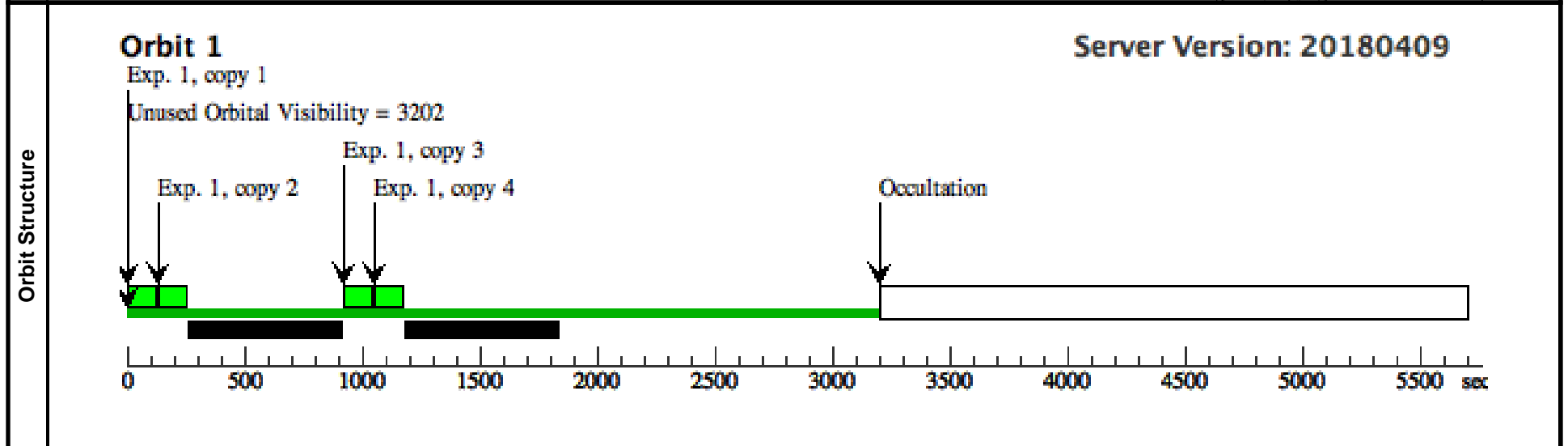
Visit	Proposal 15577, Visit 19 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-APR-2019:00:00:00 AND 13-APR-2019:00:00:00																																																													
	Diagnostics	(Visit 19) Warning (Orbit Planner): MAXIMUM DURATION 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>[==&gt;(Copy 1)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(Copy 2)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(Copy 3)]</td> <td>[1]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(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)]										[==>(Copy 2)]										[==>(Copy 3)]	[1]									[==>(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 4)]																																																						
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="226 613 714 690"> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> </div> <div data-bbox="1402 613 1869 657"> <p><b>Server Version: 20180409</b></p> </div> </div>  <p>The diagram shows a timeline for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. A green horizontal bar indicates the total orbital visibility. Four exposure copies are shown as green rectangles: '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). Black bars below the green bar indicate periods of occultation. A large white rectangle from approx. 3200s to 5500s is labeled 'Occultation'.</p>																																																													

Visit	Proposal 15577, Visit 20 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 18-APR-2019:00:00:00 AND 23-APR-2019:00:00:00																																																													
	Diagnostics	(Visit 20) 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>[==&gt;(Copy 1)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(Copy 2)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(Copy 3)]</td> <td>[1]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(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)]										[==>(Copy 2)]										[==>(Copy 3)]	[1]									[==>(Copy 4)]		
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								[==>(Copy 4)]																																																						
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="226 613 724 690"> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> </div> <div data-bbox="1402 613 1869 649"> <p>Server Version: 20180409</p> </div> </div>  <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3202 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 white bar from ~3202s to ~5600s is labeled 'Occultation'.</p>																																																													

<b>Visit</b>	Proposal 15577, Visit 21 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 28-APR-2019:00:00:00 AND 03-MAY-2019:00:00:00
	(Visit 21) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

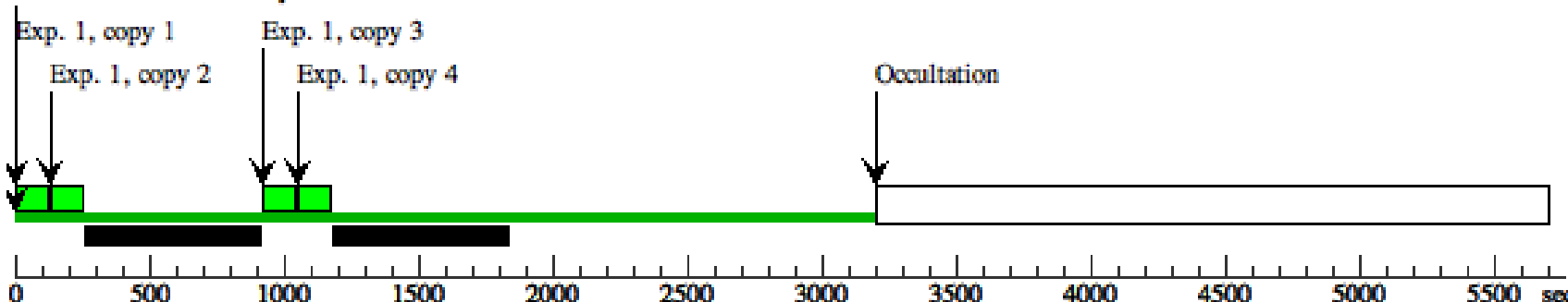
<b>Diagnostics</b>	(Visit 21) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit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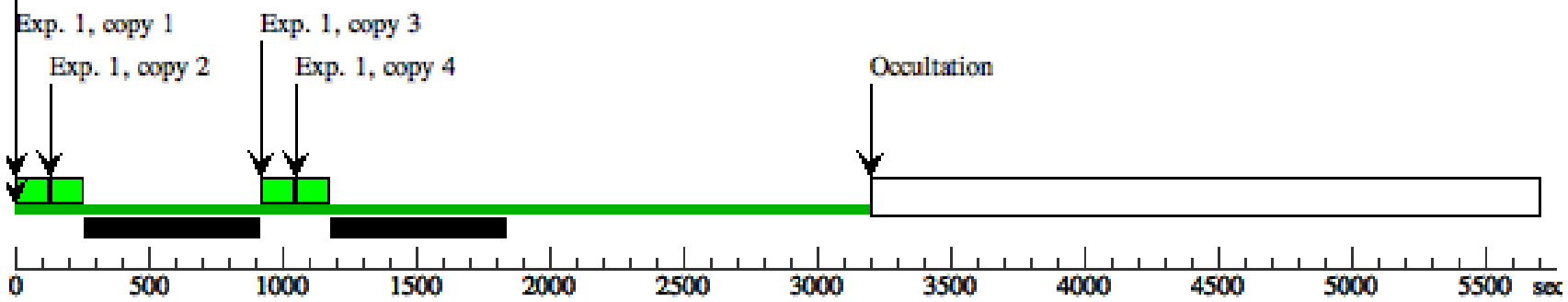


<b>Visit</b>	Proposal 15577, Visit 22 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-MAY-2019:00:00:00 AND 13-MAY-2019:00:00:00									
	(Visit 22) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<div style="display: flex; justify-content: space-between;"> <div> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3200 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 white bar from ~3200s to ~5600s is labeled 'Occultation'.</p> </div> <div> <p><b>Server Version: 20180409</b></p> </div> </div>									

Visit	Proposal 15577, Visit 23 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 18-MAY-2019:00:00:00 AND 23-MAY-2019:00:00:00																																																													
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Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="226 613 714 682"> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> </div> <div data-bbox="1402 613 1869 649"> <p>Server Version: 20180409</p> </div> </div>  <p>The diagram shows a timeline for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. A green horizontal bar indicates the total orbital visibility. Four exposure copies are marked with arrows and labels: 'Exp. 1, copy 1' at approximately 100s, 'Exp. 1, copy 2' at approximately 200s, 'Exp. 1, copy 3' at approximately 1000s, and 'Exp. 1, copy 4' at approximately 1100s. Black bars below the green bar indicate periods of occultation. A large white rectangular area starting at approximately 3200s and ending at 5500s is labeled 'Occultation'.</p>																																																													

<b>Visit</b>	Proposal 15577, Visit 24 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 28-MAY-2019:00:00:00 AND 02-JUN-2019:00:00:00										
	(Visit 24) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25				0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20180409</b></span></p> <p>Unused Orbital Visibility = 3202</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3202 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 white bar labeled 'Occultation' starts at approximately 3202 seconds and continues to the end of the timeline at 5500 seconds.</p>										
	<p>Timeline axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec</p>										

<b>Visit</b>	Proposal 15577, Visit 25 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-JUN-2019:00:00:00 AND 12-JUN-2019:00:00:00										
	(Visit 25) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25				0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20180409</b></span></p> <p>Unused Orbital Visibility = 3202</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A green bar represents the orbit's visibility. Four green rectangles represent exposures: 'Exp. 1, copy 1' (0-100s), 'Exp. 1, copy 2' (100-200s), 'Exp. 1, copy 3' (1000-1100s), and 'Exp. 1, copy 4' (1100-1200s). Black bars below the green bar indicate occultations. A white bar from 3200 to 5500 seconds is labeled 'Occultation'.</p>										
	<p>Exp. 1, copy 1      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 sec</p>										

Visit	Proposal 15577, Visit 26 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-JUN-2019:00:00:00 AND 22-JUN-2019:00:00:00																																																												
	Diagnostics	(Visit 26) 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>[==&gt;(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>[==&gt;(Copy 2)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(Copy 3)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(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																																																			
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								[==>(Copy 3)]																																																					
								[==>(Copy 4)]																																																					
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="226 613 714 690"> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> </div> <div data-bbox="1402 613 1869 657"> <p><b>Server Version: 20180409</b></p> </div> </div>  <p>The diagram shows a timeline for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500 with major ticks every 500 seconds. A green horizontal bar represents the total orbital visibility, which ends at approximately 3202 seconds. Below this bar, four green rectangular pulses represent exposure times, labeled 'Exp. 1, copy 1' (approx. 0-100s), 'Exp. 1, copy 2' (approx. 100-200s), 'Exp. 1, copy 3' (approx. 1000-1100s), and 'Exp. 1, copy 4' (approx. 1100-1200s). Black horizontal bars below the green bar indicate periods of occultation. A white rectangular bar starting at approximately 3202 seconds and extending to 5500 seconds represents the occultation period.</p>																																																												

<b>Visit</b>	Proposal 15577, Visit 27 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-JUN-2019:00:00:00 AND 02-JUL-2019:00:00:00										
	(Visit 27) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25				0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<div style="display: flex; justify-content: space-between;"> <div> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3202 seconds. Four exposure times 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 white bar from ~3202s to ~5600s is labeled 'Occultation'.</p> </div> <div> <p><b>Server Version: 20180409</b></p> </div> </div>										

Visit	Proposal 15577, Visit 28 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-JUL-2019:00:00:00 AND 12-JUL-2019:00:00:00									
	(Visit 28) 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 Exp. 1, copy 1 Unused Orbital Visibility = 3202									
	<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 sec</p>									

Server Version: 20180409

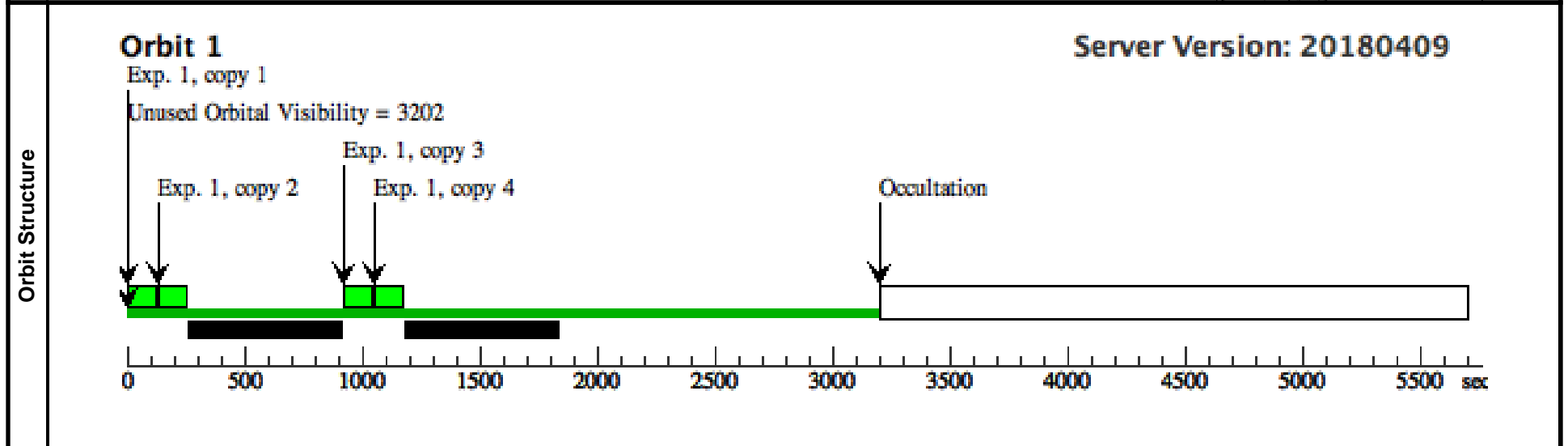
<b>Visit</b>	Proposal 15577, Visit 29 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-JUL-2019:00:00:00 AND 22-JUL-2019:00:00:00									
	(Visit 29) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
<b>Exposures</b>	#	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]
<b>Orbit Structure</b>	<div style="display: flex; justify-content: space-between;"> <div> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3202 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 white bar from ~3202s to ~5600s is labeled 'Occultation'.</p> </div> <div> <p><b>Server Version: 20180409</b></p> </div> </div>									



<b>Visit</b>	Proposal 15577, Visit 30 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-JUL-2019:00:00:00 AND 01-AUG-2019:00:00:00

<b>Diagnostics</b>	(Visit 30) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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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		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
									[==>(Copy 4)]	

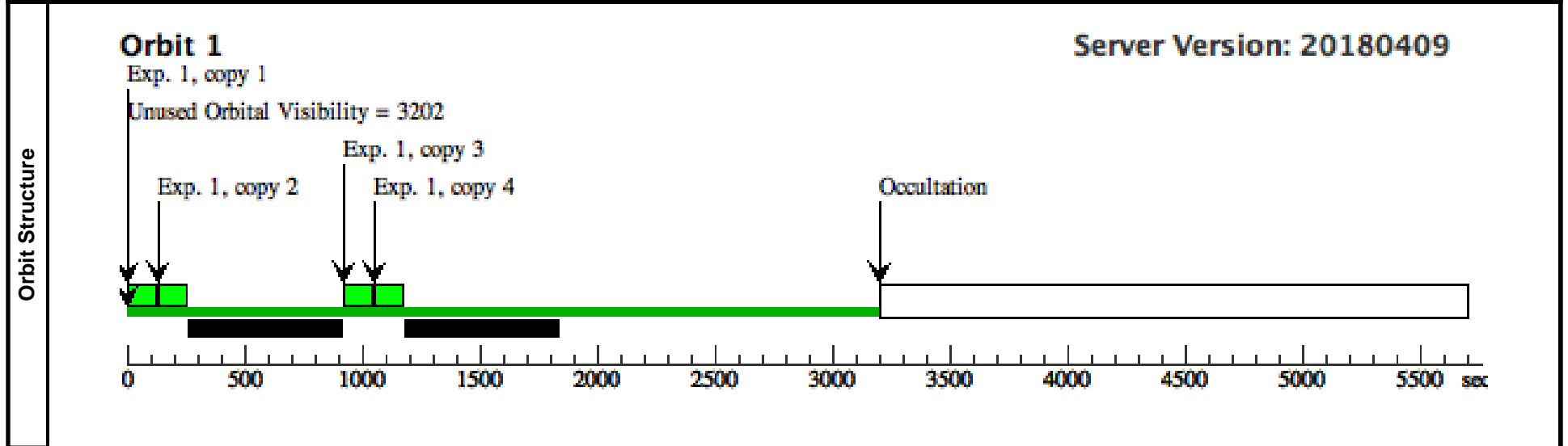


<b>Visit</b>	Proposal 15577, Visit 31 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-AUG-2019:00:00:00 AND 11-AUG-2019:00:00:00										
	(Visit 31) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU										
<b>Exposures</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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25				0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<div style="display: flex; justify-content: space-between;"> <div> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> </div> <div style="text-align: right;"> <p><b>Server Version: 20180409</b></p> </div> </div>										

<b>Visit</b>	Proposal 15577, Visit 32 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-AUG-2019:00:00:00 AND 21-AUG-2019:00:00:00
	(Visit 32) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

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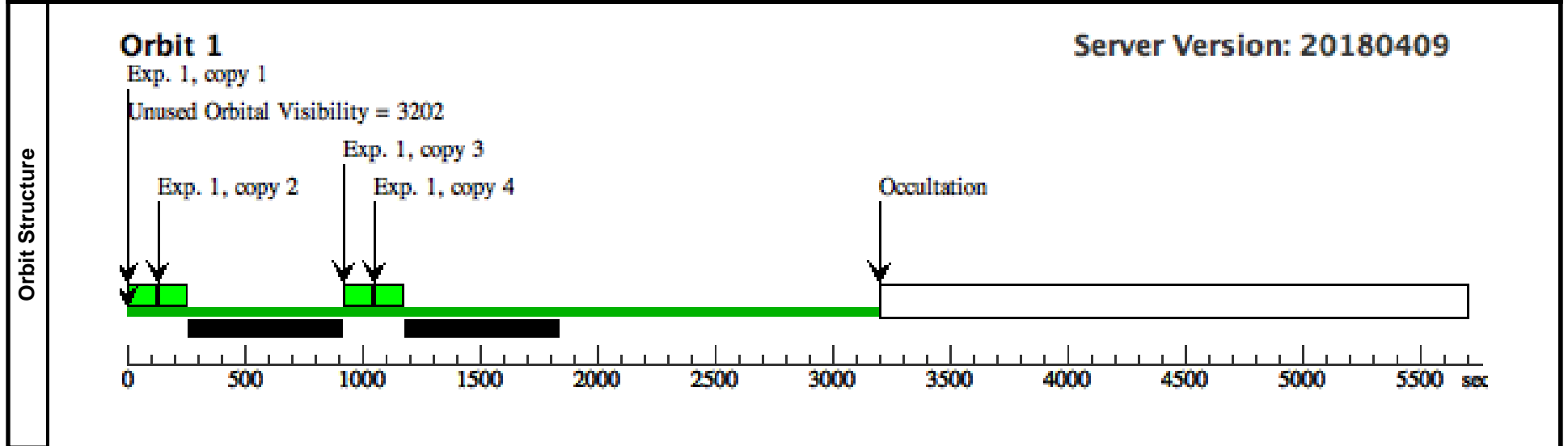
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
									[==>(Copy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



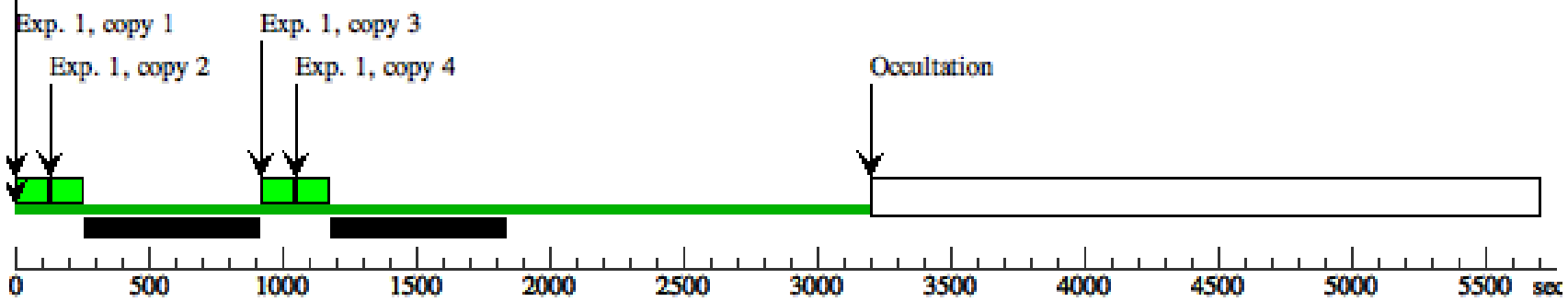
<b>Visit</b>	Proposal 15577, Visit 33 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 26-AUG-2019:00:00:00 AND 31-AUG-2019:00:00:00
	(Visit 33) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

<b>Diagnosics</b>	(Visit 33) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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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		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
									[==>(Copy 4)]	



<b>Visit</b>	Proposal 15577, Visit 34 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 05-SEP-2019:00:00:00 AND 10-SEP-2019:00:00:00										
	(Visit 34) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25				0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20180409</b></span></p> <p>Unused Orbital Visibility = 3202</p> <p>The timeline shows a green bar representing orbital visibility from 0 to approximately 3202 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 white bar from ~3202s to ~5600s is labeled 'Occultation'.</p>										
	<p>Timeline axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec</p>										

Visit	Proposal 15577, Visit 35 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 15-SEP-2019:00:00:00 AND 20-SEP-2019:00:00:00																																																													
	Diagnostics	(Visit 35) 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>[==&gt;(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>[==&gt;(Copy 2)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(Copy 3)]</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;(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="226 613 714 690"> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> </div> <div data-bbox="1402 613 1869 657"> <p><b>Server Version: 20180409</b></p> </div> </div>  <p>The diagram shows a timeline for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. A green horizontal bar indicates the total orbital visibility. Four exposure copies are shown as green rectangles: '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). Black bars below the green bar indicate periods of occultation. A large white rectangle from approx. 3200s to 5500s is labeled 'Occultation'.</p>																																																													

<b>Visit</b>	Proposal 15577, Visit 36 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-SEP-2019:00:00:00 AND 30-SEP-2019:00:00:00										
	(Visit 36) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25				0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> <p style="text-align: right;"><b>Server Version: 20180409</b></p>										
	<p>Exp. 1, copy 1      Exp. 1, copy 3 Exp. 1, copy 2      Exp. 1, copy 4</p> <p style="text-align: right;">Occultation</p> <p style="text-align: right;">0      500      1000      1500      2000      2500      3000      3500      4000      4500      5000      5500 sec</p>										

<b>Visit</b>	Proposal 15577, Visit 37 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 05-OCT-2019:00:00:00 AND 10-OCT-2019:00:00:00										
	(Visit 37) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25				0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<b>Orbit 1</b> Unused Orbital Visibility = 3202 Server Version: 20180409										



<b>Visit</b>	Proposal 15577, Visit 38 <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 15-OCT-2019:00:00:00 AND 20-OCT-2019:00:00:00									
	(Visit 38) 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	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]
<b>Orbit Structure</b>	<div style="display: flex; justify-content: space-between;"> <div> <p><b>Orbit 1</b> Unused Orbital Visibility = 3202</p> <p>The timeline shows a green bar representing the orbit's visibility from 0 to approximately 3200 seconds. Four green rectangular pulses represent exposure times for 'Exp. 1, copy 1' (0-100s), 'Exp. 1, copy 2' (100-200s), 'Exp. 1, copy 3' (1000-1100s), and 'Exp. 1, copy 4' (1100-1200s). Black bars below the green bar indicate occultation periods. A white rectangular bar from approximately 3200 to 5600 seconds is labeled 'Occultation'. The x-axis is labeled 'sec' and ranges from 0 to 5500 with major ticks every 500 units.</p> </div> <div> <p><b>Server Version: 20180409</b></p> </div> </div>									

<b>Visit</b>	Proposal 15577, Visit 39 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-OCT-2019:00:00:00 AND 30-OCT-2019:00:00:00

<b>Diagnostics</b>	(Visit 39) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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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		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
									[==>(Copy 4)]	

