



17010 - WFC3 Characterization of UVIS Traps with Charge Injection

Cycle: 30, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Mariarosa Marinelli (PI) (Contact)	Space Telescope Science Institute	mmarinelli@stsci.edu
Mr. Harish Khandrika (CoI) (Contact)	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	12-Jul-2022 16:01:46.0	yes
02	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:47.0	yes
03	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:47.0	yes
04	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:48.0	yes
05	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:48.0	yes
06	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:49.0	yes
07	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:49.0	yes
08	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:49.0	yes
09	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:50.0	yes
10	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:50.0	yes
11	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:51.0	yes
12	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:51.0	yes
13	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:52.0	yes

Proposal 17010 (STScI Edit Number: 0, Created: Tuesday, July 12, 2022 at 3:02:01 PM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
14	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:52.0	yes
15	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:52.0	yes
16	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:53.0	yes
17	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:53.0	yes
18	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:54.0	yes
19	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:54.0	yes
20	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:54.0	yes
21	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:55.0	yes
22	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:55.0	yes
23	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:56.0	yes
24	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:56.0	yes
25	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:57.0	yes
26	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:57.0	yes
27	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:57.0	yes
28	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:58.0	yes
29	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:58.0	yes
30	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:59.0	yes
31	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:59.0	yes
32	BIAS	WFC3/UVIS	1	12-Jul-2022 16:01:59.0	yes
33	BIAS	WFC3/UVIS	1	12-Jul-2022 16:02:00.0	yes
34	BIAS	WFC3/UVIS	1	12-Jul-2022 16:02:00.0	yes
35	BIAS	WFC3/UVIS	1	12-Jul-2022 16:02:01.0	yes
36	BIAS	WFC3/UVIS	1	12-Jul-2022 16:02:01.0	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

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 17010 - Visit 01 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:01 GMT 2022

Visit	Proposal 17010, Visit 01 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-NOV-2022:00:00:00 AND 12-NOV-2022:00:00:00										
	(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 Unused Orbital Visibility = 3142</p> <p style="text-align: right;">Server Version: 20220516</p>										
	<p>Exp. 1, copy 1 Exp. 1, copy 3 Exp. 1, copy 2 Exp. 1, copy 4</p> <p style="text-align: center;">Occultation</p> <p style="text-align: center;">0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>										

Proposal 17010 - Visit 02 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 02 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-NOV-2022:00:00:00 AND 22-NOV-2022:00:00:00																																																													
	Diagnostics	(Visit 02) 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																																																				
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								[==>(Copy 2)]																																																						
								[==>(Copy 3)]																																																						
								[==>(Copy 4)]																																																						
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="210 600 735 1023"> <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> </div> <div data-bbox="1428 600 1890 649"> <p>Server Version: 20220516</p> </div> </div>																																																													

Proposal 17010 - Visit 03 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 03 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-NOV-2022:00:00:00 AND 02-DEC-2022:00:00:00									
	(Visit 03) 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: 20220516</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <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 copies are shown as green rectangles: 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 periods of Earth occultation. A white bar from 3142 to 5700 seconds represents the occultation period.</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 17010 - Visit 04 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 04 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-DEC-2022:00:00:00 AND 12-DEC-2022:00:00:00									
	(Visit 04) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	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: 20220516</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <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 copies (Exp. 1, copy 1 through 4) are shown as small green rectangles within this period. Copy 1 is at the start (0-100s), copy 2 is shortly after (100-200s), copy 3 is at approximately 1000s, and copy 4 is shortly after (1000-1100s). Black bars below the green bar indicate periods of occultation. A large white rectangle labeled 'Occultation' starts at approximately 3142 seconds and continues until the end of the orbit at 6000 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 17010 - Visit 05 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 05 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-DEC-2022:00:00:00 AND 22-DEC-2022:00:00:00									
	(Visit 05) 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: 20220516</p> <p>Unused Orbital Visibility = 3142</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 6000 sec</p>									

Proposal 17010 - Visit 06 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 06 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-DEC-2022:00:00:00 AND 01-JAN-2023:00:00:00									
	(Visit 06) 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: 20220516</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>									
	This row is implicitly filled by the diagram content above									

Proposal 17010 - Visit 07 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 07 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-JAN-2023:00:00:00 AND 11-JAN-2023:00:00:00																																																												
Diagnostics	(Visit 07) 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																																																				
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Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="210 600 735 1023"> <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> </div> <div data-bbox="1428 600 1890 649"> <p>Server Version: 20220516</p> </div> </div>																																																												

Proposal 17010 - Visit 08 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 08 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-JAN-2023:00:00:00 AND 21-JAN-2023:00:00:00									
	(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	<p>Orbit 1 Server Version: 20220516</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 17010 - Visit 09 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 09 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 26-JAN-2023:00:00:00 AND 31-JAN-2023:00:00:00										
	(Visit 09) 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: 20220516</p> <p>Unused Orbital Visibility = 3142</p>										
	<p>Exp. 1, copy 1 Exp. 1, copy 3 Exp. 1, copy 2 Exp. 1, copy 4</p> <p style="text-align: center;">Occultation</p> <p style="text-align: right;">0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>										

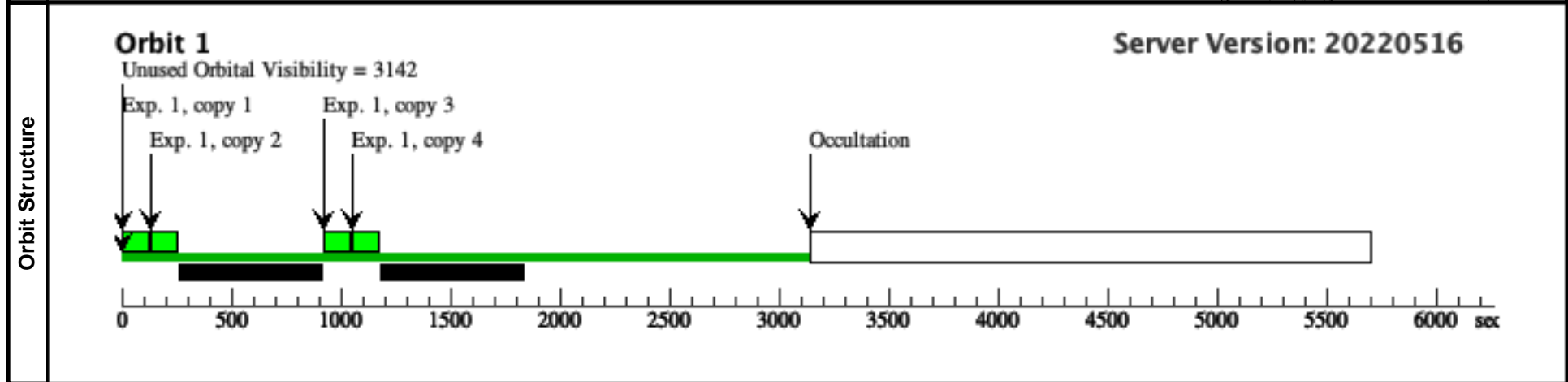
Proposal 17010 - Visit 10 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 10 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 05-FEB-2023:00:00:00 AND 10-FEB-2023:00:00:00

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)]	
									[=>(Copy 2)]	
									[=>(Copy 3)]	[1]
									[=>(Copy 4)]	



Proposal 17010 - Visit 11 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 11 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 15-FEB-2023:00:00:00 AND 20-FEB-2023:00:00:00										
	(Visit 11) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		BIAS	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> <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> </div> <div style="text-align: right;"> <p>Server Version: 20220516</p> </div> </div>										

Proposal 17010 - Visit 12 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 12 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-FEB-2023:00:00:00 AND 02-MAR-2023:00:00:00									
	(Visit 12) 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: 20220516</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>									
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Proposal 17010 - Visit 13 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 13 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-MAR-2023:00:00:00 AND 12-MAR-2023:00:00:00									
	(Visit 13) 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 Unused Orbital Visibility = 3142</p> <p style="text-align: right;">Server Version: 20220516</p>									
	<p>Exp. 1, copy 1 Exp. 1, copy 3 Exp. 1, copy 2 Exp. 1, copy 4</p> <p style="text-align: center;">Occultation</p> <p style="text-align: right;">0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 17010 - Visit 14 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 14 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-MAR-2023:00:00:00 AND 22-MAR-2023:00:00:00										
	(Visit 14) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		BIAS	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 Unused Orbital Visibility = 3142</p> <p style="text-align: right;">Server Version: 20220516</p>										
	<p>Exp. 1, copy 1 Exp. 1, copy 3 Exp. 1, copy 2 Exp. 1, copy 4</p> <p style="text-align: center;">Occultation</p> <p style="text-align: center;">0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>										

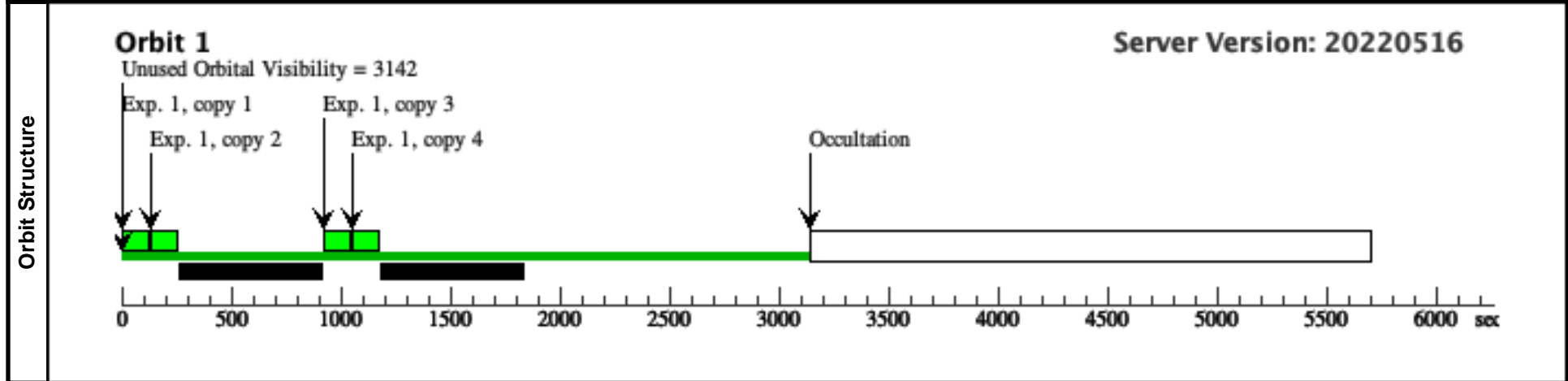
Proposal 17010 - Visit 15 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 15 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-MAR-2023:00:00:00 AND 01-APR-2023:00:00:00

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)]	
									[=>(Copy 2)]	
									[=>(Copy 3)]	[1]
									[=>(Copy 4)]	



Proposal 17010 - Visit 16 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 16 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-APR-2023:00:00:00 AND 11-APR-2023:00:00:00									
	(Visit 16) 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 Unused Orbital Visibility = 3142</p> <p style="text-align: right;">Server Version: 20220516</p>									
	<p>Exp. 1, copy 1 Exp. 1, copy 3 Exp. 1, copy 2 Exp. 1, copy 4</p> <p style="text-align: center;">Occultation</p> <p style="text-align: center;">0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 17010 - Visit 17 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 17 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-APR-2023:00:00:00 AND 21-APR-2023:00:00:00										
	(Visit 17) 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: 20220516</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>										
	This row is implicitly filled by the diagram content above										

Proposal 17010 - Visit 18 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 18 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 26-APR-2023:00:00:00 AND 01-MAY-2023:00:00:00
	(Visit 18) 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)]																																																		

Orbit Structure	<p>Orbit 1 Unused Orbital Visibility = 3142</p> <p>Server Version: 20220516</p>
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Proposal 17010 - Visit 19 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 19 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2023:00:00:00 AND 11-MAY-2023:00:00:00									
	(Visit 19) 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: 20220516</p> <p>Unused Orbital Visibility = 3142</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 6000 sec</p>									

Proposal 17010 - Visit 20 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 20 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-MAY-2023:00:00:00 AND 21-MAY-2023:00:00:00									
	(Visit 20) 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> <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> </div> <div style="text-align: right;"> <p>Server Version: 20220516</p> </div> </div> <p>The diagram shows the timeline for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 6000. Key features include: <ul style="list-style-type: none"> Exposure 1, copy 1: A green bar starting at 0 seconds and ending at approximately 100 seconds. Exposure 1, copy 2: A green bar starting at approximately 100 seconds and ending at approximately 200 seconds. Exposure 1, copy 3: A green bar starting at approximately 1000 seconds and ending at approximately 1100 seconds. Exposure 1, copy 4: A green bar starting at approximately 1100 seconds and ending at approximately 1200 seconds. Occultation: A long white bar starting at approximately 3142 seconds and extending to the end of the orbit at 6000 seconds. Unused Orbital Visibility: A vertical line at 0 seconds indicates a total unused visibility of 3142 seconds. </p>									

Proposal 17010 - Visit 21 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 21 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 26-MAY-2023:00:00:00 AND 31-MAY-2023:00:00:00									
	(Visit 21) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	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: 20220516</p> <p>Unused Orbital Visibility = 3142</p> <p>The diagram shows a timeline from 0 to 6000 seconds. Green bars indicate exposure periods: two small bars from 0 to 100 seconds (labeled 'Exp. 1, copy 1' and 'Exp. 1, copy 2') and two small bars from 1000 to 1100 seconds (labeled 'Exp. 1, copy 3' and 'Exp. 1, copy 4'). Black bars indicate occultation periods from 100 to 200 seconds and from 1200 to 1800 seconds. A long white bar indicates occultation from 3142 seconds to 5700 seconds. The text 'Unused Orbital Visibility = 3142' is shown at the top left, and 'Server Version: 20220516' is at the top right.</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 6000 sec</p>									

Proposal 17010 - Visit 22 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 22 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 05-JUN-2023:00:00:00 AND 10-JUN-2023:00:00:00										
	(Visit 22) 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: 20220516</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 17010 - Visit 23 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 23 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 15-JUN-2023:00:00:00 AND 20-JUN-2023:00:00:00																																																													
	Diagnostics	(Visit 23) 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 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>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p> </div> <div data-bbox="1428 600 1890 649"> <p>Server Version: 20220516</p> </div> </div>																																																													

Proposal 17010 - Visit 24 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 24 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-JUN-2023:00:00:00 AND 30-JUN-2023:00:00:00									
	(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)] [=>(Copy 4)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20220516</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <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 copies are shown as green rectangles: '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 long white bar starting at 3142 seconds and ending at approximately 5700 seconds is labeled 'Occultation'.</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 17010 - Visit 25 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 25 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 05-JUL-2023:00:00:00 AND 10-JUL-2023:00:00:00									
	(Visit 25) 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 Unused Orbital Visibility = 3142</p> <p>Server Version: 20220516</p>									
	<p>Exp. 1, copy 1 Exp. 1, copy 3 Exp. 1, copy 2 Exp. 1, copy 4 Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 17010 - Visit 26 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 26 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 15-JUL-2023:00:00:00 AND 20-JUL-2023:00:00:00																																																													
	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>[==>(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="210 600 735 974"> <p>Orbit 1 Unused Orbital Visibility = 3142</p> </div> <div data-bbox="1428 600 1890 649"> <p>Server Version: 20220516</p> </div> </div>																																																													

Proposal 17010 - Visit 27 - WFC3 Characterization of UVIS Traps with Charge Injection

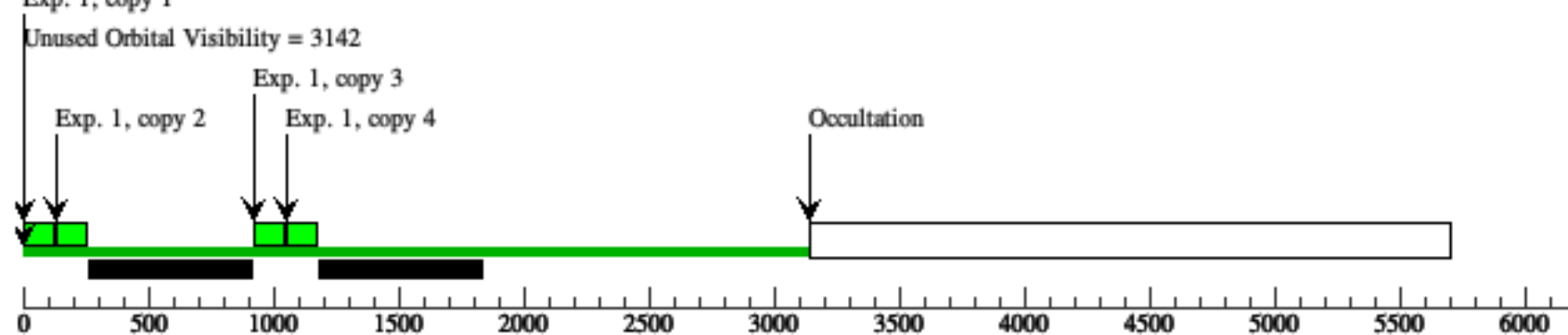
Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 27 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-JUL-2023:00:00:00 AND 30-JUL-2023:00:00:00									
	(Visit 27) 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: 20220516</p> <p>Unused Orbital Visibility = 3142</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 6000 sec</p>									

Proposal 17010 - Visit 28 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 28 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 04-AUG-2023:00:00:00 AND 09-AUG-2023:00:00:00									
	(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	<p>Orbit 1 Server Version: 20220516</p> <p>Unused Orbital Visibility = 3142</p>									
	<p>Exp. 1, copy 1 Exp. 1, copy 3 Exp. 1, copy 2 Exp. 1, copy 4</p> <p style="text-align: center;">Occultation</p> <p style="text-align: right;">0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Visit	Proposal 17010, Visit 29 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 14-AUG-2023:00:00:00 AND 19-AUG-2023:00:00:00																																																												
	Diagnostics	(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>[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)																																																					
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								[==>(Copy 2)]																																																					
								[==>(Copy 3)]																																																					
								[==>(Copy 4)]																																																					
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="210 600 735 1023"> <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> </div> <div data-bbox="1428 600 1890 649"> <p>Server Version: 20220516</p> </div> </div>  <p>The figure is a timeline plot for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 6000 with major ticks every 500 seconds. A green horizontal bar at the bottom indicates the total orbital visibility duration, which ends at approximately 3142 seconds. Four small green rectangular blocks 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 horizontal bars below the green bar indicate periods of occultation, occurring between approximately 250s-900s and 1100s-1800s. A larger white rectangular block labeled 'Occultation' starts at approximately 3142 seconds and extends to the end of the orbit at 6000 seconds.</p>																																																												

Proposal 17010 - Visit 30 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:02 GMT 2022

Visit	Proposal 17010, Visit 30 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 24-AUG-2023:00:00:00 AND 29-AUG-2023:00:00:00										
	(Visit 30) 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: 20220516</p> <p>Unused Orbital Visibility = 3142</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 17010 - Visit 31 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:03 GMT 2022

Visit	Proposal 17010, Visit 31 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 03-SEP-2023:00:00:00 AND 08-SEP-2023:00:00:00									
	(Visit 31) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	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: 20220516</p> <p>Unused Orbital Visibility = 3142</p> <p>The diagram shows a timeline for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 6000. A green horizontal bar indicates the period of orbital visibility, from 0 to approximately 3100 seconds. Within this green bar, there are four green rectangular pulses representing exposures: 'Exp. 1, copy 1' and 'Exp. 1, copy 2' occur between 0 and 100 seconds; 'Exp. 1, copy 3' and 'Exp. 1, copy 4' occur between 1000 and 1100 seconds. Black horizontal bars below the green bar indicate occultation periods: one from 100 to 200 seconds, and another from 1100 to 1800 seconds. A long white horizontal bar starting at 3100 seconds and ending at 5700 seconds represents a major occultation period. The text 'Unused Orbital Visibility = 3142' is shown above the green bar. The text 'Server Version: 20220516' is shown in the top right corner of the diagram area.</p>									
	<p>Exp. 1, copy 1 Exp. 1, copy 3 Exp. 1, copy 2 Exp. 1, copy 4 Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 17010 - Visit 32 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:03 GMT 2022

Visit	Proposal 17010, Visit 32 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-SEP-2023:00:00:00 AND 18-SEP-2023:00:00:00										
	(Visit 32) 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: 20220516</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 17010 - Visit 33 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:03 GMT 2022

Visit	Proposal 17010, Visit 33 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 23-SEP-2023:00:00:00 AND 28-SEP-2023:00:00:00									
Diagnostics	(Visit 33) 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 1023"> <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>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p> </div> <div data-bbox="1428 600 1890 649"> <p>Server Version: 20220516</p> </div> </div>									

Proposal 17010 - Visit 34 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:03 GMT 2022

Visit	Proposal 17010, Visit 34 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 03-OCT-2023:00:00:00 AND 08-OCT-2023:00:00:00
	(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)]																																																		

Orbit Structure	<p>Orbit 1 Unused Orbital Visibility = 3142</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 6000 sec</p>
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Server Version: 20220516

Proposal 17010 - Visit 35 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:03 GMT 2022

Visit	Proposal 17010, Visit 35 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-OCT-2023:00:00:00 AND 18-OCT-2023:00:00:00									
	(Visit 35) 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 Unused Orbital Visibility = 3142</p>									
	<p>Server Version: 20220516</p>									

Proposal 17010 - Visit 36 - WFC3 Characterization of UVIS Traps with Charge Injection

Tue Jul 12 20:02:03 GMT 2022

Visit	Proposal 17010, Visit 36 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 23-OCT-2023:00:00:00 AND 28-OCT-2023:00:00:00										
	(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: 20220516</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>										
	<p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>										