



16402 - WFC3 UVIS Traps with Charge Injection

Cycle: 28, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Jennifer Medina (PI) (Contact)	Space Telescope Science Institute	jmedina@stsci.edu
Heather Kurtz (CoI)	Space Telescope Science Institute	hkurtz@stsci.edu
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	13-Aug-2020 16:00:12.0	yes
02	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:12.0	yes
03	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:13.0	yes
04	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:13.0	yes
05	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:14.0	yes
06	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:14.0	yes
07	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:15.0	yes
08	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:15.0	yes
09	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:15.0	yes
10	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:16.0	yes
11	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:16.0	yes
12	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:17.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
13	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:17.0	yes
14	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:17.0	yes
15	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:18.0	yes
16	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:18.0	yes
17	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:19.0	yes
18	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:19.0	yes
19	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:20.0	yes
20	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:20.0	yes
21	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:20.0	yes
22	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:21.0	yes
23	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:21.0	yes
24	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:22.0	yes
25	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:22.0	yes
26	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:22.0	yes
27	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:23.0	yes
28	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:23.0	yes
29	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:24.0	yes
30	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:24.0	yes
31	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:24.0	yes
32	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:25.0	yes
33	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:25.0	yes
34	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:26.0	yes
35	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:26.0	yes
36	BIAS	WFC3/UVIS	1	13-Aug-2020 16:00:27.0	yes

36 Total Orbits Used

ABSTRACT

The Charge Transfer Efficiency (CTE) on the WFC3/UVIS detector continues to decline, 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.

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

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--

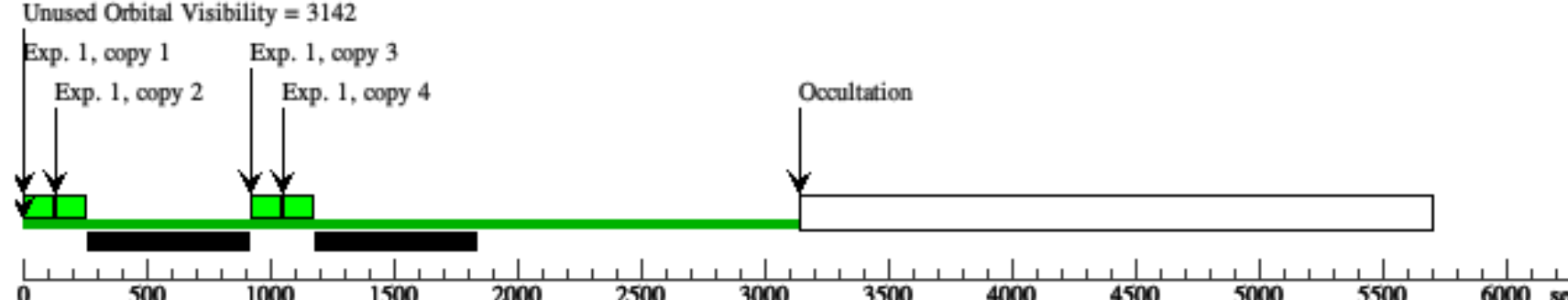
4 iterations of each exposure are performed to improve the signal to noise of the final superbias.

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

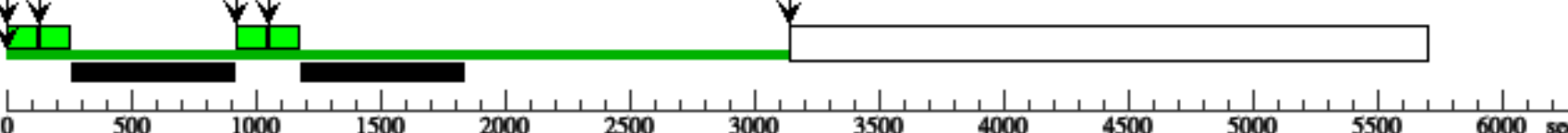
Proposal 16402 - Visit 01 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 01										Thu Aug 13 20:00:27 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 04-NOV-2020:00:00:00 AND 09-NOV-2020:00:00:00										
Diagnostics	(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	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619										

Proposal 16402 - Visit 02 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 02										Thu Aug 13 20:00:27 GMT 2020
	Diagnostic Status: Warning										
Diagnostics	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 14-NOV-2020:00:00:00 AND 19-NOV-2020:00:00:00										
Exposures	(Visit 02) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU										
Orbit Structure	#	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 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation  050010001500200025003000350040004500500055006000 sec										

Proposal 16402 - Visit 03 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 03										Thu Aug 13 20:00:27 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 24-NOV-2020:00:00:00 AND 29-NOV-2020:00:00:00										
Diagnostics	(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)	[1]	
									[==>(Copy 1)]		
									[==>(Copy 2)]		
								[==>(Copy 3)]			
									[==>(Copy 4)]		
Orbit Structure	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation  Server Version: 20200619										

Proposal 16402 - Visit 04 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 04										Thu Aug 13 20:00:27 GMT 2020
	Diagnostic Status: Warning										
Diagnostics	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 04-DEC-2020:00:00:00 AND 09-DEC-2020:00:00:00										
	(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)]	[1]	
									[==>(Copy 2)]		
									[==>(Copy 3)]		
								[==>(Copy 4)]			
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619 050010001500200025003000350040004500500055006000 sec										

Proposal 16402 - Visit 05 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 05									Thu Aug 13 20:00:27 GMT 2020
	Diagnostic Status: Warning									
Diagnostics	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 14-DEC-2020:00:00:00 AND 19-DEC-2020:00:00:00									
	(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)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
								[==>(Copy 4)]		
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619									

Proposal 16402 - Visit 06 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 06 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 24-DEC-2020:00:00:00 AND 29-DEC-2020:00:00:00									Thu Aug 13 20:00:27 GMT 2020
Diagnostics	(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	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec Server Version: 20200619									

Proposal 16402 - Visit 07 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 07									Thu Aug 13 20:00:27 GMT 2020
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 03-JAN-2021:00:00:00 AND 08-JAN-2021:00:00:00									
Diagnostics	(Visit 07) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
								[==>(Copy 4)]		
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619									

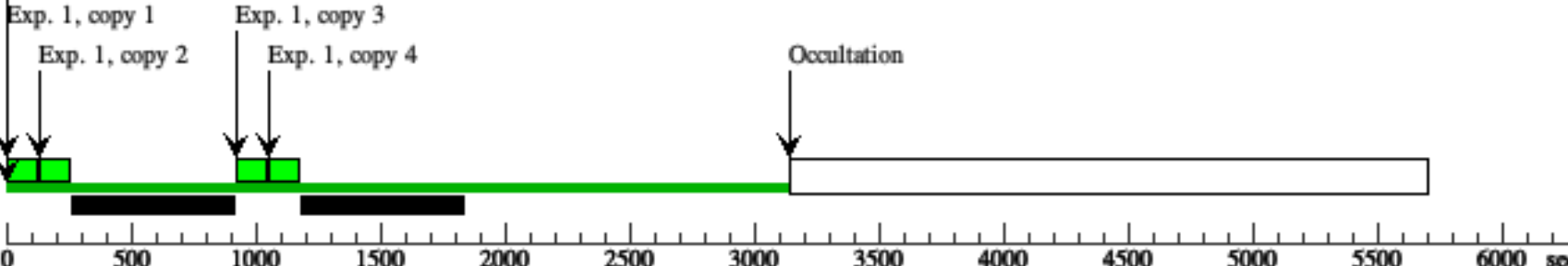
Proposal 16402 - Visit 08 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 08 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-JAN-2021:00:00:00 AND 18-JAN-2021:00:00:00									Thu Aug 13 20:00:27 GMT 2020
Diagnostics	(Visit 08) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]
Orbit Structure	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec Server Version: 20200619									

Proposal 16402 - Visit 09 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 09										Thu Aug 13 20:00:27 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 23-JAN-2021:00:00:00 AND 28-JAN-2021:00:00:00										
Diagnostics	(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	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619										

Proposal 16402 - Visit 10 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 10										Thu Aug 13 20:00:27 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 02-FEB-2021:00:00:00 AND 07-FEB-2021:00:00:00										
Diagnostics	(Visit 10) 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)]	[1]	
Orbit Structure											
	Orbit 1										
	Unused Orbital Visibility = 3142										
	Server Version: 20200619										
Orbit Structure											
	Exp. 1, copy 1										
	Exp. 1, copy 2										
	Exp. 1, copy 3										
Orbit Structure	Exp. 1, copy 4										
	Occultation										

Proposal 16402 - Visit 11 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 11										Thu Aug 13 20:00:27 GMT 2020
	Diagnostic Status: Warning										
Diagnostics	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 12-FEB-2021:00:00:00 AND 17-FEB-2021:00:00:00										
	(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)]	[1]	
									[==>(Copy 2)]		
									[==>(Copy 3)]		
								[==>(Copy 4)]			
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619 050010001500200025003000350040004500500055006000 sec										

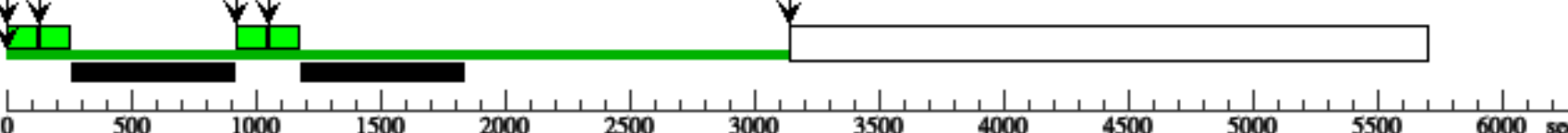
Proposal 16402 - Visit 12 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 12										Thu Aug 13 20:00:27 GMT 2020
	Diagnostic Status: Warning										
Diagnostics	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 22-FEB-2021:00:00:00 AND 27-FEB-2021:00:00:00										
	(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)]	[1]	
									[==>(Copy 2)]		
									[==>(Copy 3)]		
								[==>(Copy 4)]			
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619										

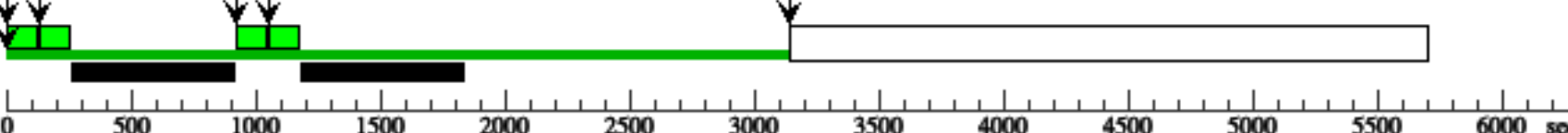
Proposal 16402 - Visit 13 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 13 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 04-MAR-2021:00:00:00 AND 09-MAR-2021:00:00:00 Thu Aug 13 20:00:28 GMT 2020									
	(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	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619									

Proposal 16402 - Visit 14 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 14										Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 14-MAR-2021:00:00:00 AND 19-MAR-2021:00:00:00										
Diagnostics	(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)		[1]
									[==>(Copy 1)]		
									[==>(Copy 2)]		
									[==>(Copy 3)]		
									[==>(Copy 4)]		
Orbit Structure	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation  Server Version: 20200619										

Proposal 16402 - Visit 15 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 15										Thu Aug 13 20:00:28 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: BETWEEN 24-MAR-2021:00:00:00 AND 29-MAR-2021:00:00:00											
Diagnostics	(Visit 15) 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)	[1]		
									[==>(Copy 1)]			
									[==>(Copy 2)]			
								[==>(Copy 3)]				
								[==>(Copy 4)]				
Orbit Structure	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation 											Server Version: 20200619

Proposal 16402 - Visit 16 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 16 Thu Aug 13 20:00:28 GMT 2020									
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 03-APR-2021:00:00:00 AND 08-APR-2021:00:00:00									
Diagnostics	(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	Orbit 1 Unused Orbital Visibility = 3142 Server Version: 20200619									

Proposal 16402 - Visit 17 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 17 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-APR-2021:00:00:00 AND 18-APR-2021:00:00:00 Thu Aug 13 20:00:28 GMT 2020									
Diagnostics	(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)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
								[==>(Copy 4)]		
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619									

Proposal 16402 - Visit 18 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 18										Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 23-APR-2021:00:00:00 AND 28-APR-2021:00:00:00										
Diagnostics	(Visit 18) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)		
									[==>(Copy 1)]		
									[==>(Copy 2)]	[1]	
									[==>(Copy 3)]		
									[==>(Copy 4)]		
Orbit Structure	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec Server Version: 20200619										

Proposal 16402 - Visit 19 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 19 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 03-MAY-2021:00:00:00 AND 08-MAY-2021:00:00:00 Thu Aug 13 20:00:28 GMT 2020									
Diagnostics	(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)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
								[==>(Copy 4)]		
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619									

Proposal 16402 - Visit 20 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 20										Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning										
Diagnostics	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 13-MAY-2021:00:00:00 AND 18-MAY-2021:00:00:00										
	(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)]	[1]	
									[==>(Copy 2)]		
									[==>(Copy 3)]		
								[==>(Copy 4)]			
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619 050010001500200025003000350040004500500055006000 sec										

Proposal 16402 - Visit 21 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 21 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 23-MAY-2021:00:00:00 AND 28-MAY-2021:00:00:00									Thu Aug 13 20:00:28 GMT 2020
Diagnostics	(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	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619									

Proposal 16402 - Visit 22 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 22										Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning										
Diagnostics	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 02-JUN-2021:00:00:00 AND 07-JUN-2021:00:00:00										
	(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)]	[1]	
									[==>(Copy 2)]		
									[==>(Copy 3)]		
								[==>(Copy 4)]			
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619										

Proposal 16402 - Visit 23 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 23										Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 12-JUN-2021:00:00:00 AND 17-JUN-2021:00:00:00										
Diagnostics	(Visit 23) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)		
									[==>(Copy 1)]		
									[==>(Copy 2)]		
									[==>(Copy 3)]		
									[==>(Copy 4)]		[1]
Orbit Structure	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619										

Proposal 16402 - Visit 24 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 24									Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 22-JUN-2021:00:00:00 AND 27-JUN-2021:00:00:00									
Diagnostics	(Visit 24) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
								[==>(Copy 4)]		
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619									

Proposal 16402 - Visit 25 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 25										Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning										
Diagnostics	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 02-JUL-2021:00:00:00 AND 07-JUL-2021:00:00:00										
	(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)]	[1]	
									[==>(Copy 2)]		
									[==>(Copy 3)]		
								[==>(Copy 4)]			
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619										

Proposal 16402 - Visit 26 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 26									Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 12-JUL-2021:00:00:00 AND 17-JUL-2021:00:00:00									
Diagnostics	(Visit 26) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
								[==>(Copy 4)]		
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619									

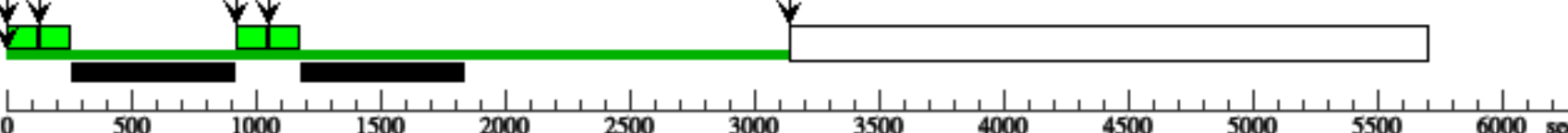
Proposal 16402 - Visit 27 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 27										Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 22-JUL-2021:00:00:00 AND 27-JUL-2021:00:00:00										
Diagnostics	(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)]	[1]	
									[==>(Copy 2)]		
									[==>(Copy 3)]		
								[==>(Copy 4)]			
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619 050010001500200025003000350040004500500055006000 sec										

Proposal 16402 - Visit 28 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 28 Thu Aug 13 20:00:28 GMT 2020									
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-AUG-2021:00:00:00 AND 06-AUG-2021:00:00:00									
Diagnostics	(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 = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619 The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 6000. Green bars indicate exposure periods, while black bars indicate occultation periods. The first exposure period (Exp. 1, copy 1) occurs at the beginning of the orbit. Subsequent copies (2, 3, 4) are shown as smaller green bars. The occultation period is a long black bar that starts around 3142 seconds and continues until the end of the orbit. The text 'Unused Orbital Visibility = 3142' is displayed near the start of the orbit.									

Proposal 16402 - Visit 29 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 29										Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 11-AUG-2021:00:00:00 AND 16-AUG-2021:00:00:00										
Diagnostics	(Visit 29) 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)]	[1]	
Orbit Structure									[==>(Copy 3)]		
									[==>(Copy 4)]		
	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation 										Server Version: 20200619

Proposal 16402 - Visit 30 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 30									Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning									
Diagnostics	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 21-AUG-2021:00:00:00 AND 26-AUG-2021:00:00:00									
(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)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
								[==>(Copy 4)]		
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619									

Proposal 16402 - Visit 31 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 31									Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning									
Diagnostics	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 31-AUG-2021:00:00:00 AND 05-SEP-2021:00:00:00									
	(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)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
								[==>(Copy 4)]		
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619									

Proposal 16402 - Visit 32 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 32										Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning										
Diagnostics	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 10-SEP-2021:00:00:00 AND 15-SEP-2021:00:00:00										
	(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)]	[1]	
									[==>(Copy 2)]		
									[==>(Copy 3)]		
								[==>(Copy 4)]			
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619 050010001500200025003000350040004500500055006000 sec										

Proposal 16402 - Visit 33 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 33 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 20-SEP-2021:00:00:00 AND 25-SEP-2021:00:00:00										Thu Aug 13 20:00:28 GMT 2020
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)]		[1]
									[==>(Copy 2)]		
									[==>(Copy 3)]		
								[==>(Copy 4)]			
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation 050010001500200025003000350040004500500055006000 sec Server Version: 20200619										

Proposal 16402 - Visit 34 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 34									Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 30-SEP-2021:00:00:00 AND 05-OCT-2021:00:00:00									
Diagnostics	(Visit 34) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		BIAS	WFC3/UVIS, ACCUM, UVIS	DEF	INJECT=LINE25			0 Secs X 4 (0 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	
								[==>(Copy 4)]		
Orbit Structure	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619									

Proposal 16402 - Visit 35 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 35 Thu Aug 13 20:00:28 GMT 2020									
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 10-OCT-2021:00:00:00 AND 15-OCT-2021:00:00:00									
Diagnostics	(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	Orbit 1 Exp. 1, copy 1 Unused Orbital Visibility = 3142 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619 The diagram illustrates the orbital structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 6000. Green bars indicate exposure periods, while black bars indicate occultation periods. The first exposure period (Exp. 1, copy 1) occurs at the start of the orbit. Subsequent copies (2, 3, 4) are shown as smaller green bars. The occultation period is a long black bar that begins around 3142 seconds and continues until the end of the orbit. The text 'Unused Orbital Visibility = 3142' is displayed near the start of the orbit.									

Proposal 16402 - Visit 36 - WFC3 UVIS Traps with Charge Injection

Visit	Proposal 16402, Visit 36										Thu Aug 13 20:00:28 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: BETWEEN 20-OCT-2021:00:00:00 AND 25-OCT-2021:00:00:00										
Diagnostics	(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)]	[1]	
									[==>(Copy 3)]		
									[==>(Copy 4)]		
Orbit Structure	Orbit 1 Unused Orbital Visibility = 3142 Exp. 1, copy 1 Exp. 1, copy 2 Exp. 1, copy 3 Exp. 1, copy 4 Occultation Server Version: 20200619										