



16398 - WFC3 UVIS Post-flash Monitor

Cycle: 28, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:19.0	yes
02	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:20.0	yes
03	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:21.0	yes
04	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:23.0	yes
05	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:24.0	yes
06	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:24.0	yes

Proposal 16398 (STScI Edit Number: 1, Created: Thursday, August 13, 2020 at 1:02:08 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>
07	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:26.0	yes
08	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:27.0	yes
09	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:28.0	yes
10	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:29.0	yes
11	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:30.0	yes
12	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:32.0	yes
13	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:33.0	yes
14	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:34.0	yes
15	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:35.0	yes
16	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:36.0	yes
17	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:36.0	yes
18	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:38.0	yes
19	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:39.0	yes
20	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:39.0	yes

Proposal 16398 (STScI Edit Number: 1, Created: Thursday, August 13, 2020 at 1:02:08 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>
21	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:41.0	yes
22	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:41.0	yes
23	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:42.0	yes
24	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:43.0	yes
25	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:44.0	yes
26	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:45.0	yes
27	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:47.0	yes
28	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:47.0	yes
29	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:48.0	yes
30	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:49.0	yes
31	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:50.0	yes
32	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:51.0	yes
33	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:52.0	yes
34	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:53.0	yes

Proposal 16398 (STScI Edit Number: 1, Created: Thursday, August 13, 2020 at 1:02:08 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>
35	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:54.0	yes
36	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:55.0	yes
37	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:56.0	yes
38	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:56.0	yes
39	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:58.0	yes
40	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:58.0	yes
41	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:01:59.0	yes
42	DARK	S/C WFC3/UVIS	1	13-Aug-2020 14:02:01.0	yes
43	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:01.0	yes
44	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:02.0	yes
45	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:02.0	yes
46	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:02.0	yes
47	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:03.0	yes
48	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:03.0	yes
49	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:04.0	yes
50	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:04.0	yes
51	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:04.0	yes
52	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:05.0	yes
53	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:05.0	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>
54	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:05.0	yes
55	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:06.0	yes
56	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:06.0	yes
57	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:07.0	yes
58	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:07.0	yes
59	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:07.0	yes
60	DARK	WFC3/UVIS	1	13-Aug-2020 14:02:08.0	yes

60 Total Orbits Used

ABSTRACT

This monitor is used to track possible changes in the post-flash light distribution or in the brightness of the LED. We also use these results to provide updated post-flash reference files for use in the CALWF3 pipeline. These reference files are generated from the data within this monitor.

OBSERVING DESCRIPTION

The post-flash monitoring consists of two primary tasks: (1) checking for change in the illumination pattern various factors such as moving or new dust spots, optical changes, degradation of the shutter blades, and (2) checking for change in the brightness of the flash due to the aforementioned effects as well as aging or degradation of the LED lamp and relevant electronics.

100s flashes using the medium current level are used to create high signal-to-noise images of the light distribution, as well as the CALWF3 reference files.

Three internal visits consisting of one orbit each are used on a monthly basis to take data. The visits are scheduled within a period lasting three weeks after each anneal. To ensure the flash is measured on both shutters a spacecraft line is used to toggle the shutter. The three visits are as follows:

(1) A 100s post-flash image at medium current to characterize the light distribution. These very bright images are taken on both shutters using a full-frame aperture. In addition, a 1K x 1K subarray image is taken with a flash of 12 electrons (see visit 3).

(2) Duplicate of visit 1 to minimize error from cosmic rays.

(3) Post-flash images at flash levels of 3, 5, 8, 10, 12, 15, 20, and 22 electrons are taken on both shutters to quantify the brightness of typical flares used by GOs. The 12 electron flash images have been moved to visits 1 and 2 to optimize visit length.

No images are taken using the bright current setting, as GO observations do not use it, and the overall illumination only increases by about 10%.

18 additional visits are used to create a new post-flash reference file for both shutters. Nine visits have qesiparms set to "BLADE = A", with the other nine set to "BLADE = B" to ensure a correct reference file can be made for both shutters.

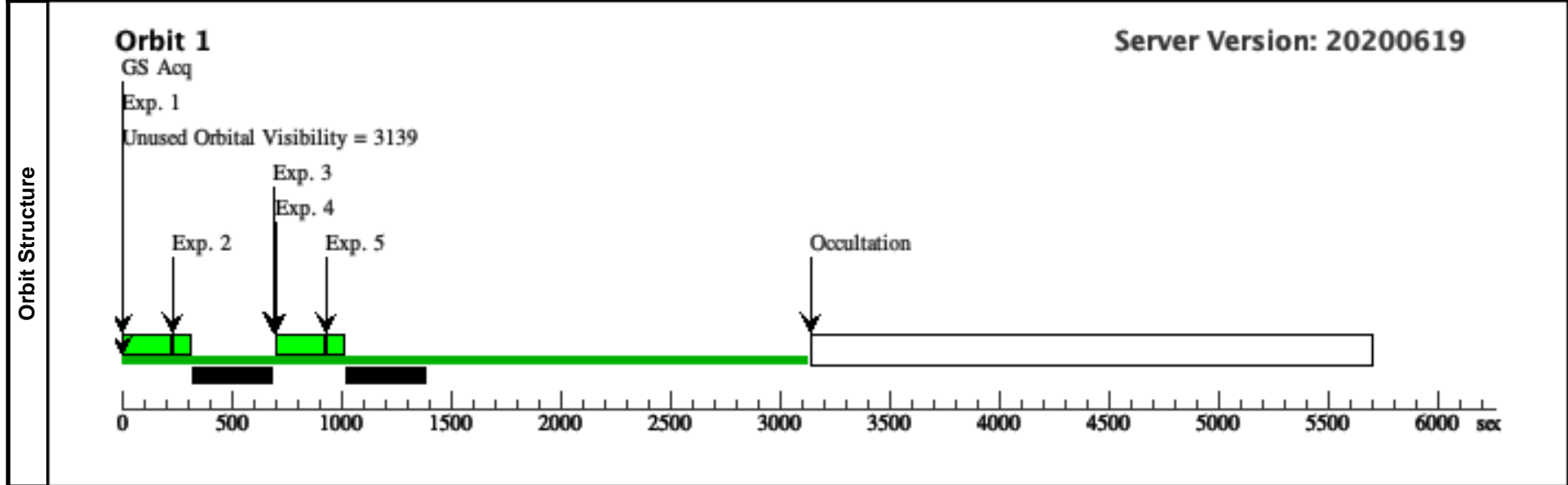
(Cycle 20: 13078, Cycle 21: 13560, Cycle 22: 14006, Cycle 23: 14372, Cycle 24: 14535, Cycle 25: 14984, Cycle 26: 15573, Cycle 27: 15718)

Proposal 16398 - November Start (01) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:08 GMT 2020

Visit	Proposal 16398, November Start (01) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 03-NOV-2020:00:00:00 AND 22-NOV-2020:00:00:00 Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
3		Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
4		Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

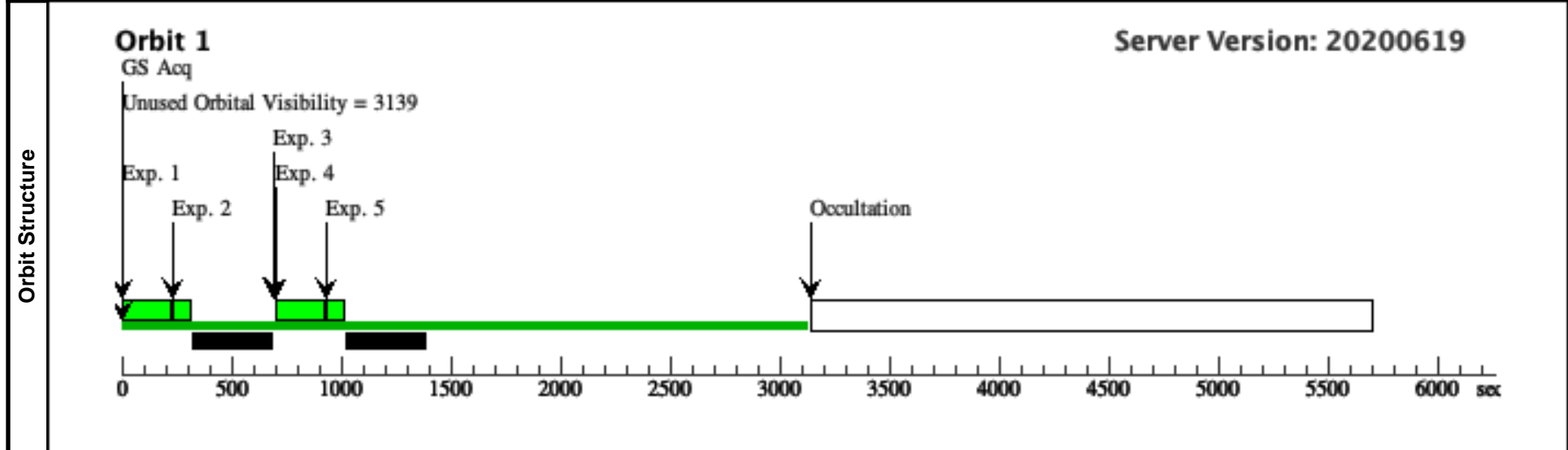


Proposal 16398 - November Start (02) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:08 GMT 2020

Visit	Proposal 16398, November Start (02)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 02,01 WITHIN 1D <i>Comments: Very bright flash on each shutter</i>									

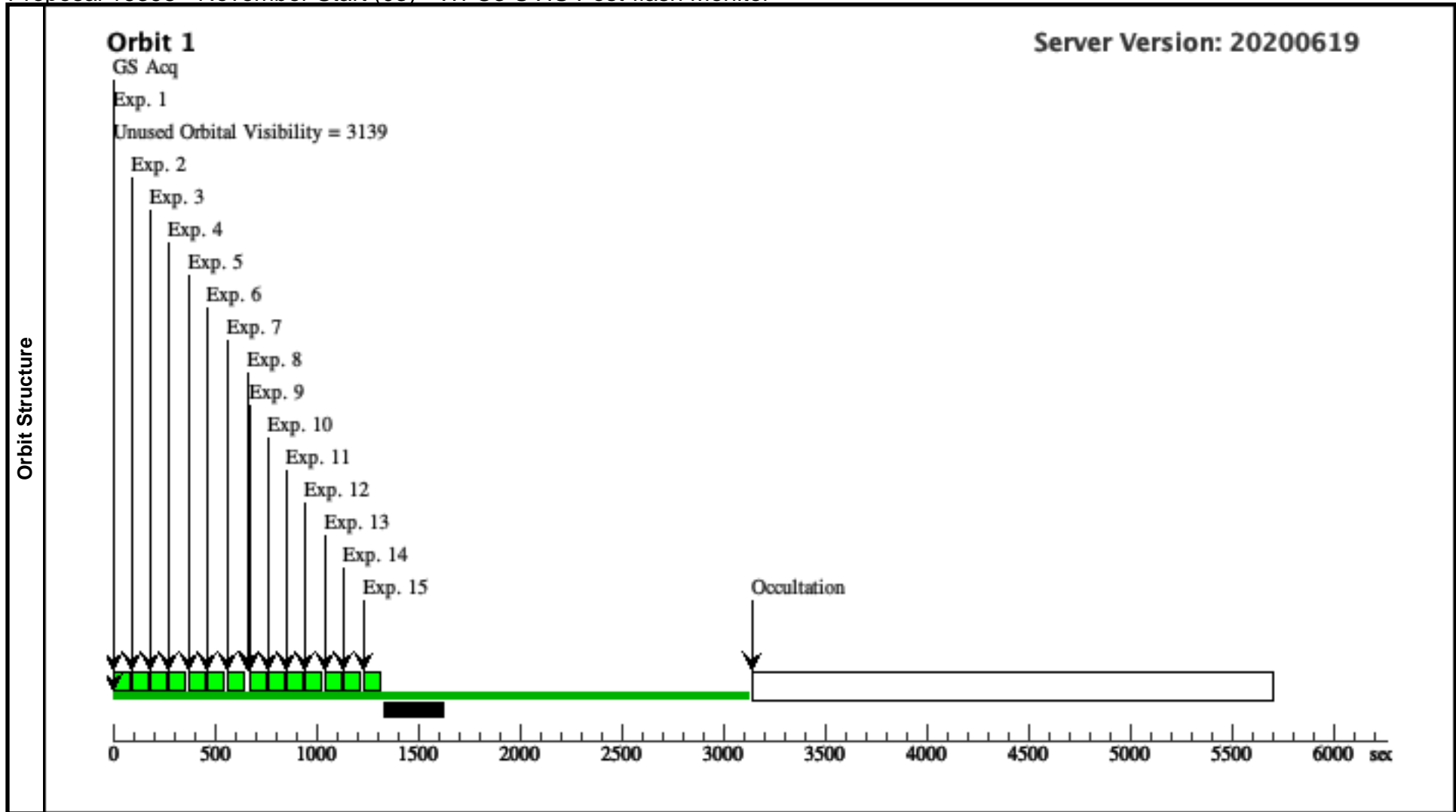
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - November Start (03) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:08 GMT 2020

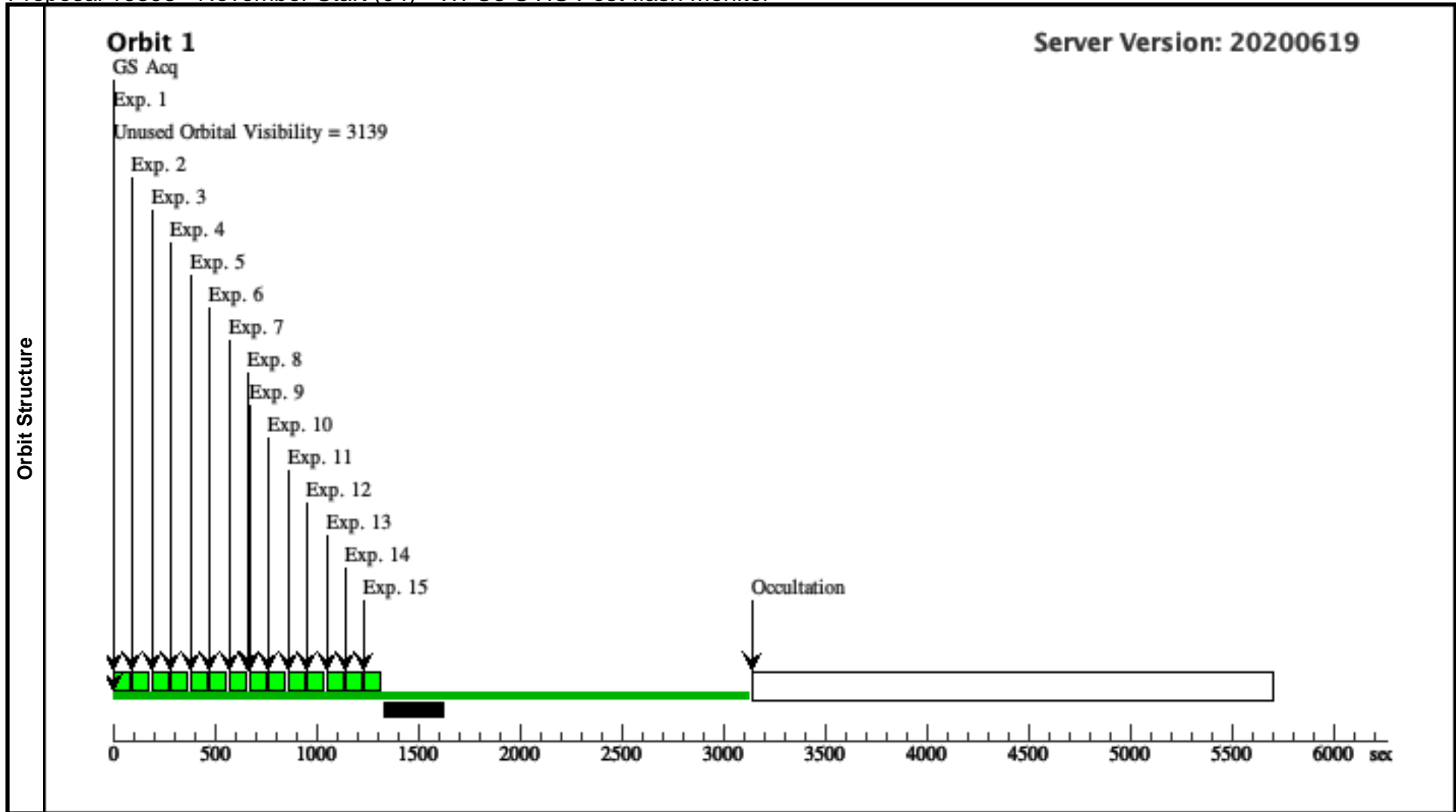
Visit	Proposal 16398, November Start (03)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 03,01 WITHIN 1D Comments: Subarray flash brightness monitor									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	8	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs)	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	10	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	12	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	14	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]



Proposal 16398 - November Start (04) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:08 GMT 2020

Visit	Proposal 16398, November Start (04)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 04,01 WITHIN 1D Comments: Subarray flash brightness monitor									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	2	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	3	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	4	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	5	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	7	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	8	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs)	[1]
	9	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	10	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	11	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	12	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	13	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	14	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	15	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]

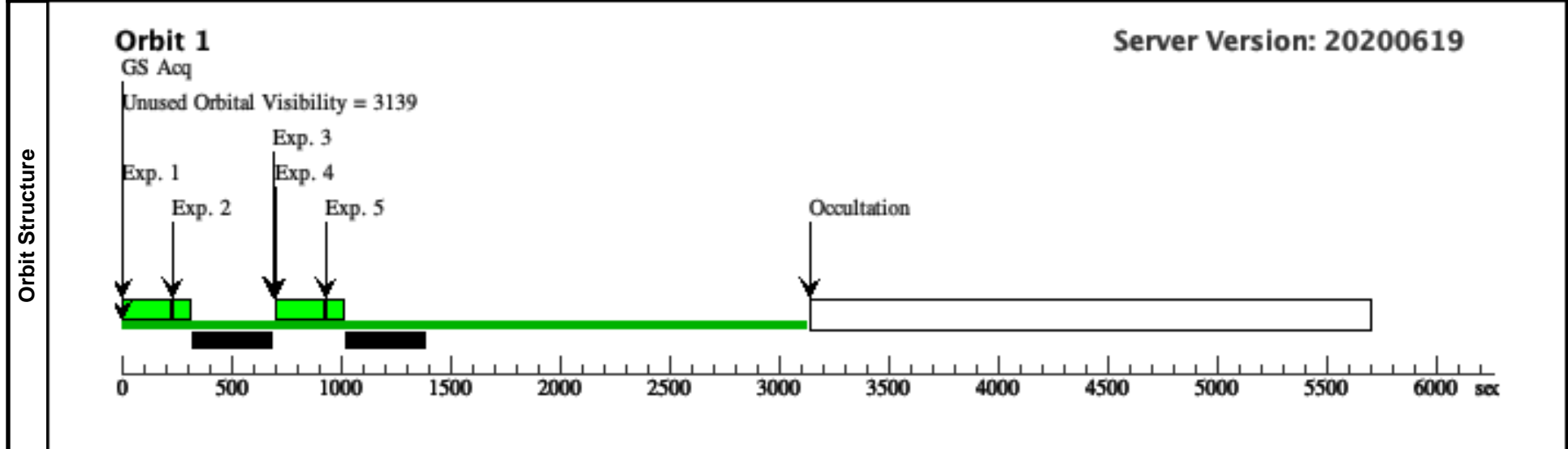


Proposal 16398 - December (05) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, December (05)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 01-DEC-2020:00:00:00 AND 20-DEC-2020:00:00:00 <i>Comments: Very bright flash on each shutter</i>									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
3		Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
4		Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

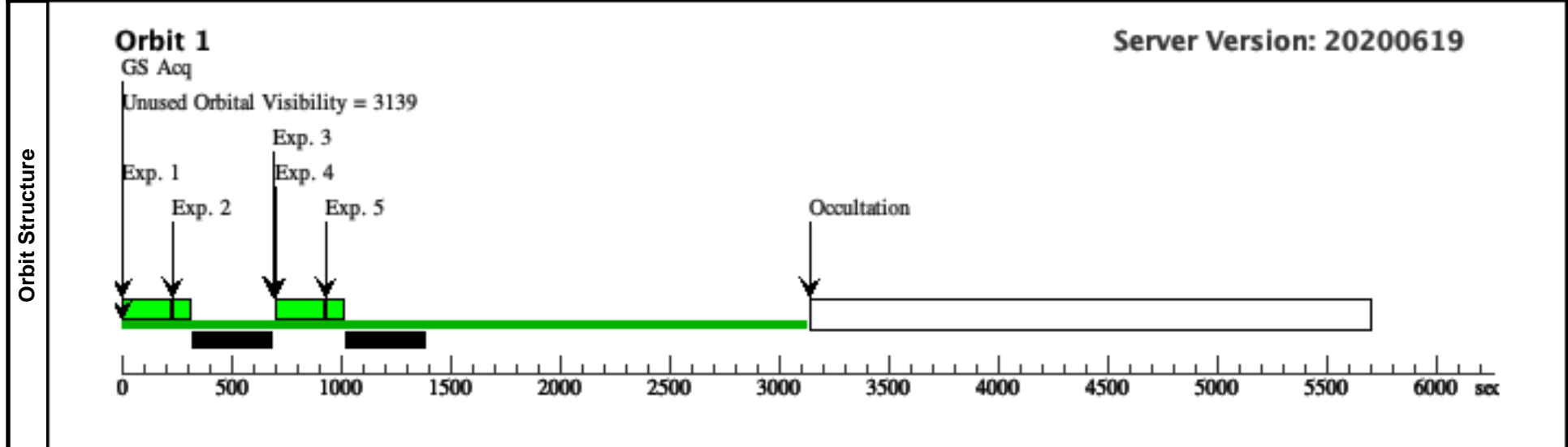


Proposal 16398 - December (06) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, December (06)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 06,05 WITHIN 1D <i>Comments: Very bright flash on each shutter</i>									

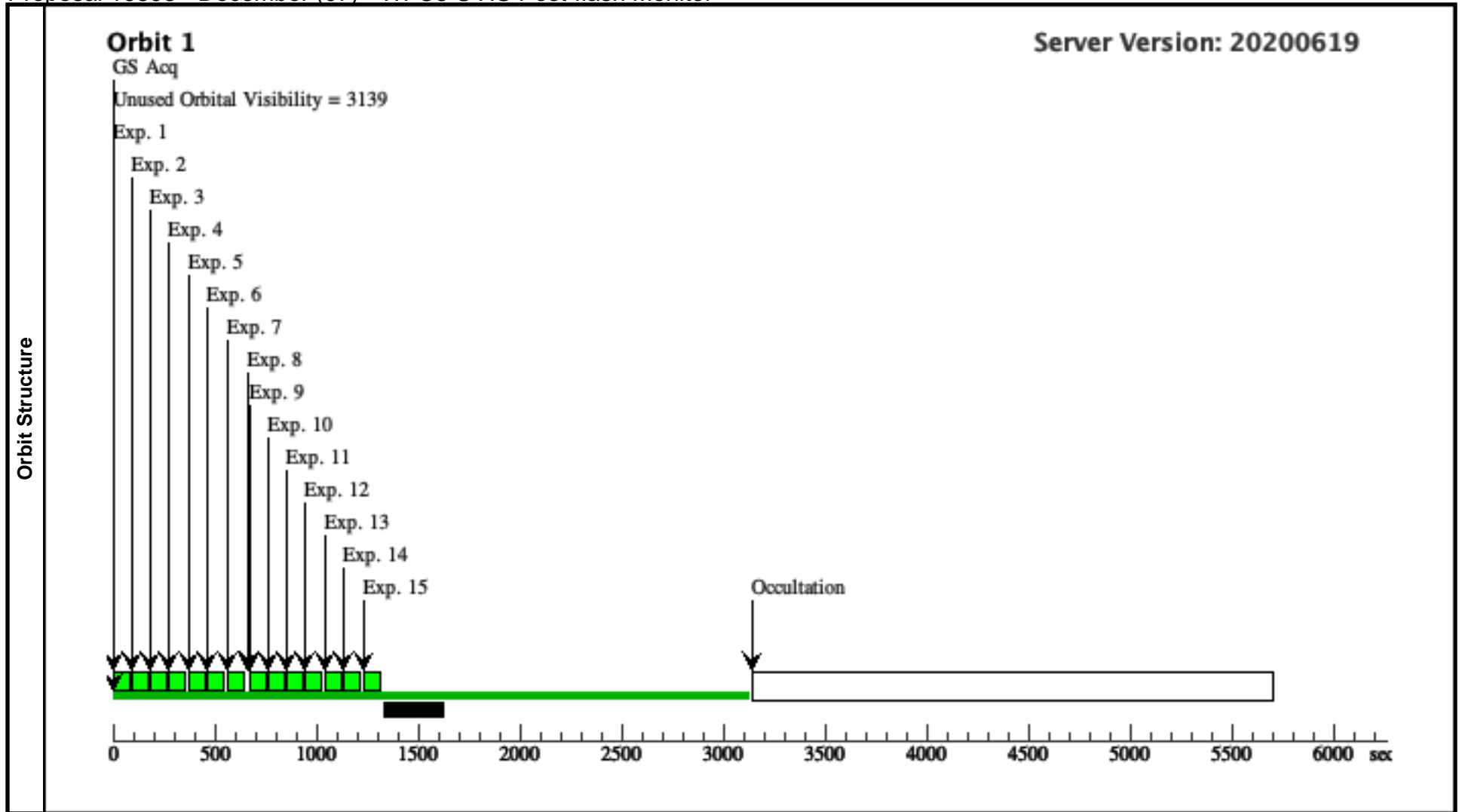
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
3		Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
4		Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - December (07) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, December (07)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 07,05 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]
2		Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
3		Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
4		Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]	[1]
6		Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
7		Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]
8		Toggle Shutter	DARK	S/C, DATA, NONE				SPEC COM INSTR EISHUTTER	4 Secs (4 Secs) [==>]	[1]
9		Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]	[1]
10		Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
11		Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
12		Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
13		Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]	[1]
14		Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
15		Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - December (08) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, December (08)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 08,05 WITHIN 1D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]
	4	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
	7	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
	8	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	9	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
	10	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
	11	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
	12	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]
	13	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
	14	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]	[1]
	15	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]	[1]

Orbit Structure

Orbit 1

GS Acq

Exp. 1

Unused Orbital Visibility = 3139

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Exp. 8

Exp. 9

Exp. 10

Exp. 11

Exp. 12

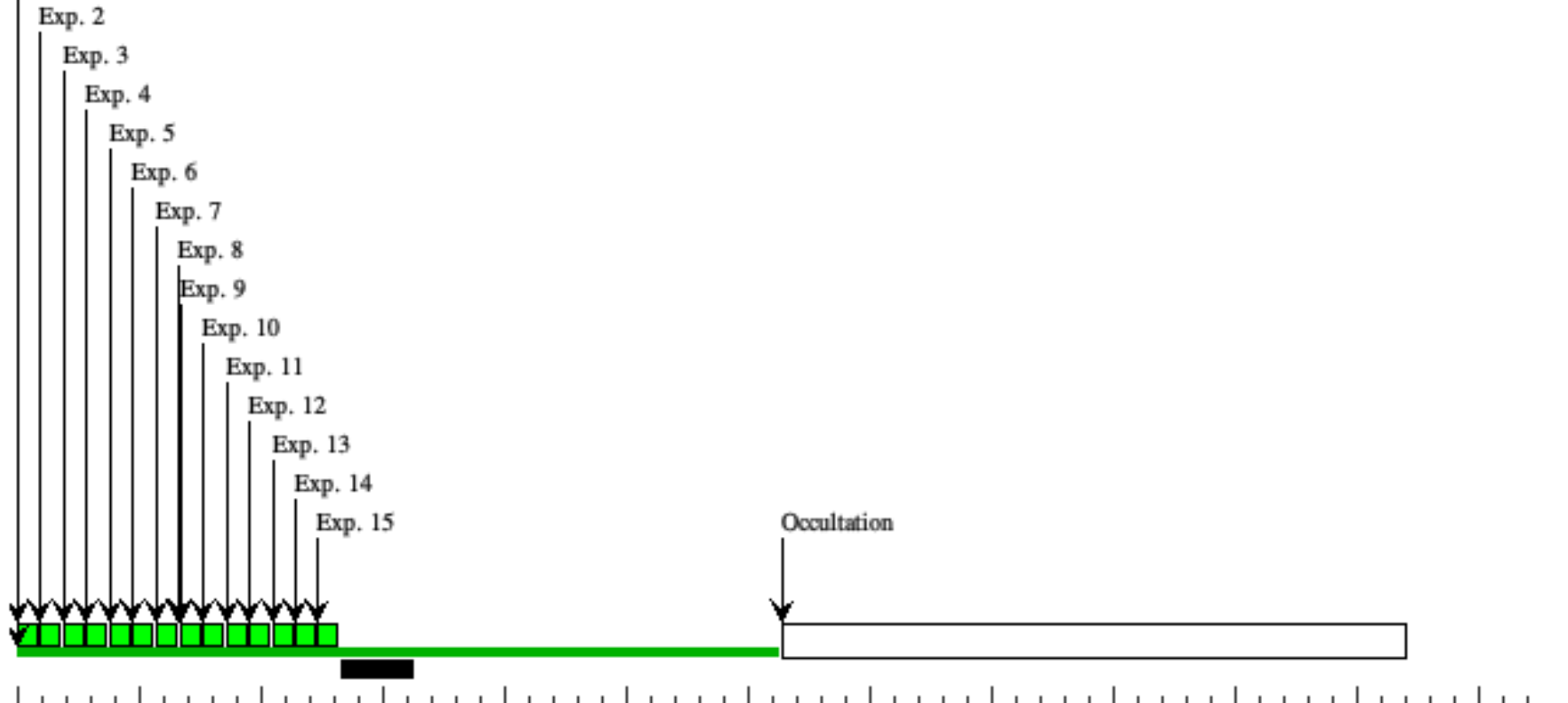
Exp. 13

Exp. 14

Exp. 15

Occultation

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec

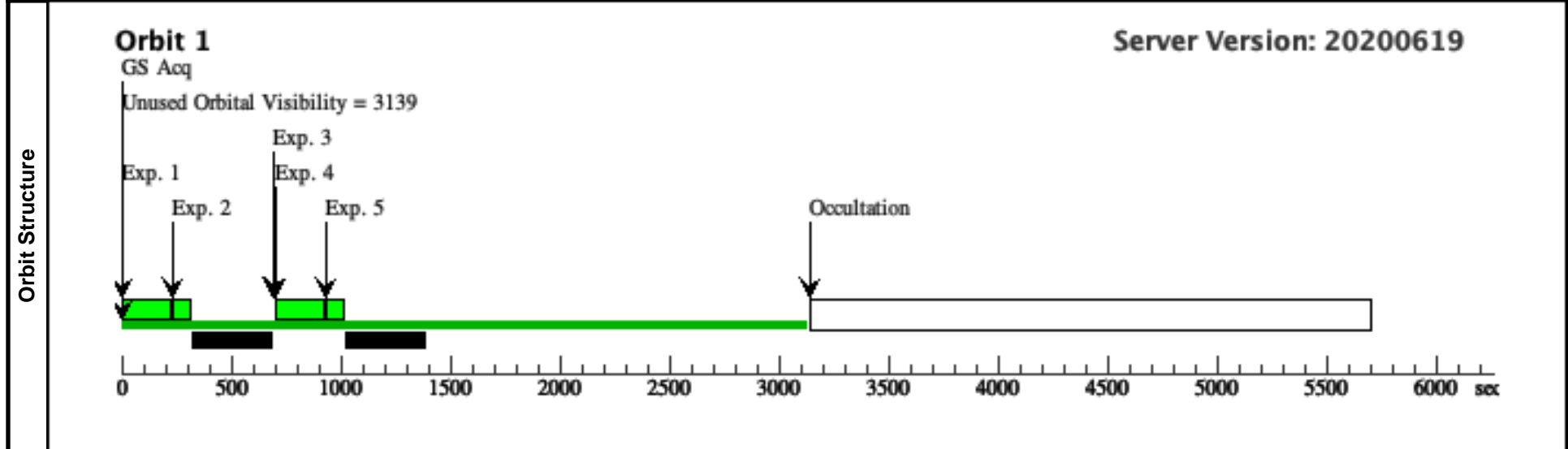


Proposal 16398 - January (09) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, January (09)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 29-DEC-2020:00:00:00 AND 17-JAN-2021:00:00:00 Comments: <i>Very bright flash on each shutter</i>									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
3		Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
4		Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

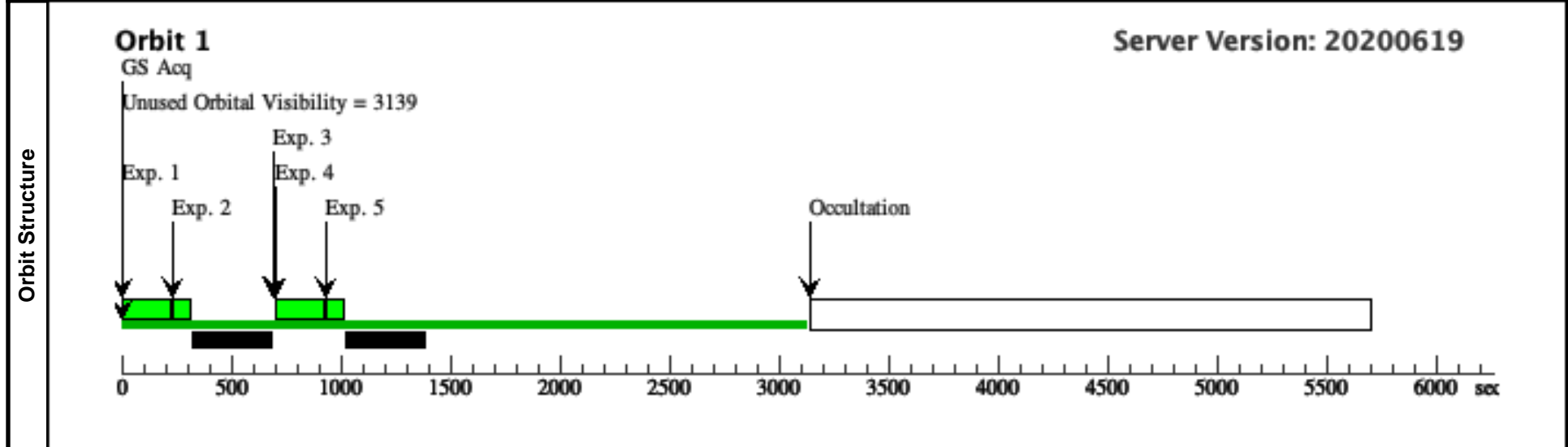


Proposal 16398 - January (10) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, January (10)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 10,09 WITHIN 1D <i>Comments: Very bright flash on each shutter</i>									

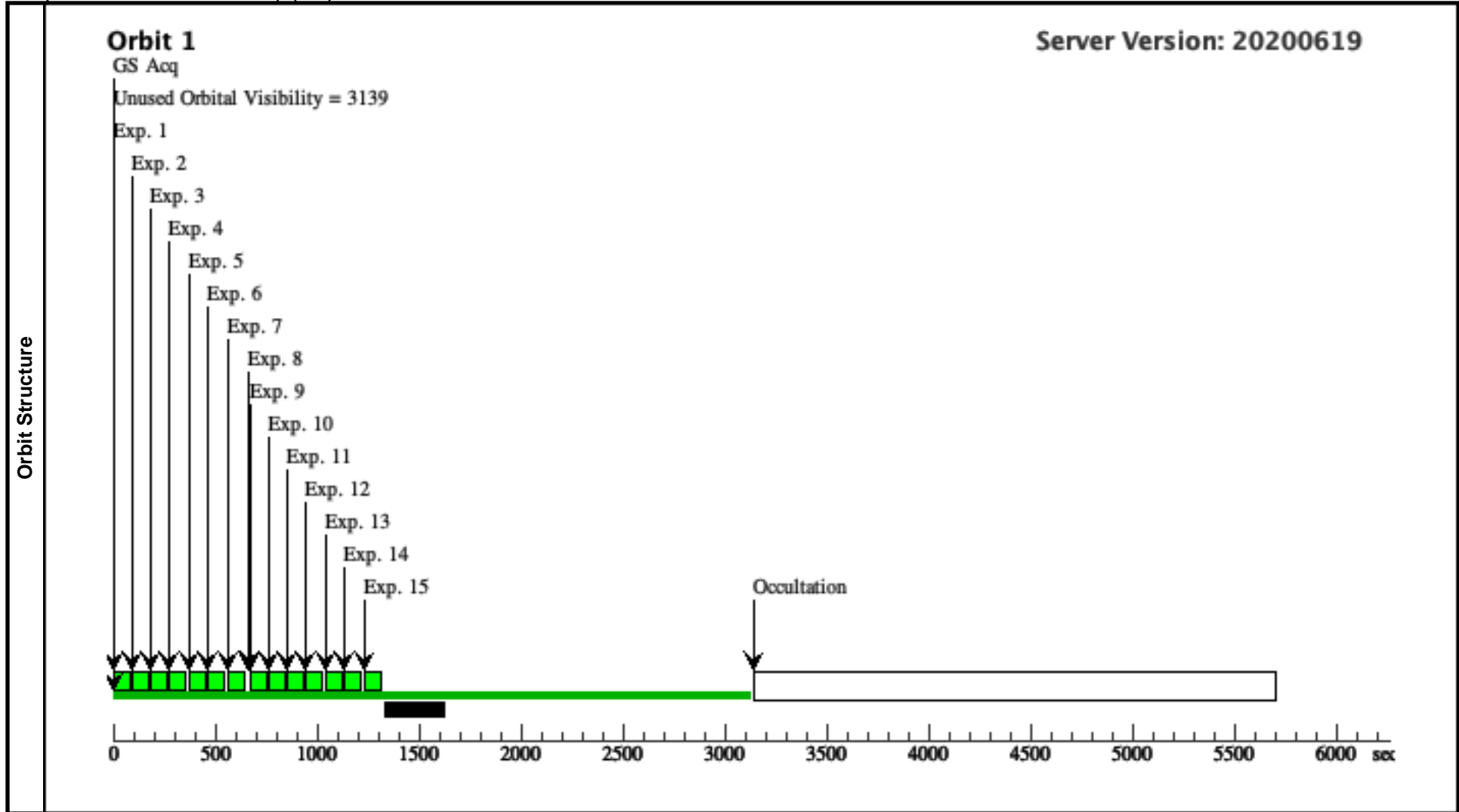
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
3		Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
4		Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - January (11) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

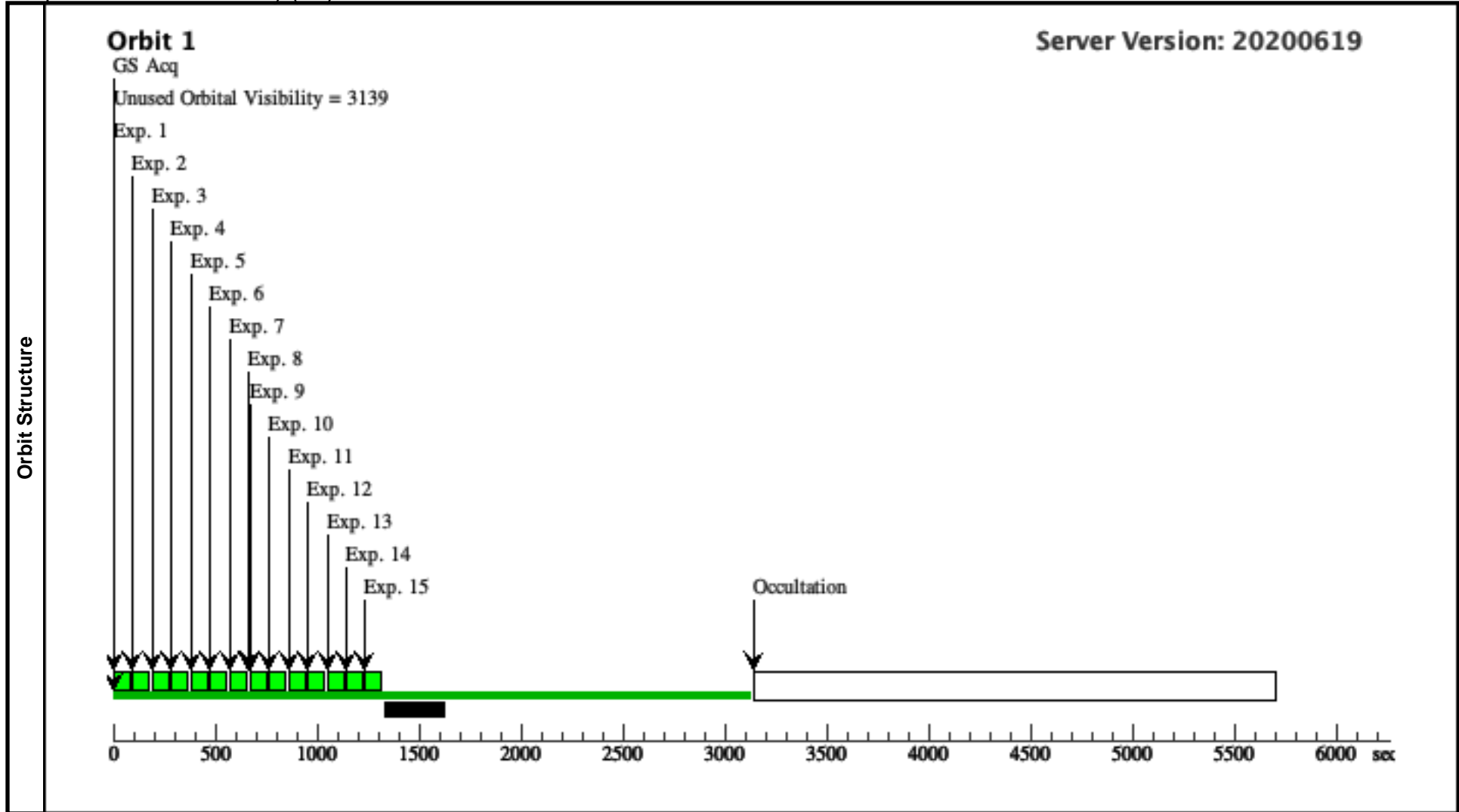
Visit	Proposal 16398, January (11)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 11,09 WITHIN 1D Comments: Subarray flash brightness monitor									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	8	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs)	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	10	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	12	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	14	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]



Proposal 16398 - January (12) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, January (12)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 12,09 WITHIN 1D Comments: Subarray flash brightness monitor									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	2	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	3	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	4	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	5	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	7	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	8	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs)	[1]
	9	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	10	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	11	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	12	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	13	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	14	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	15	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]

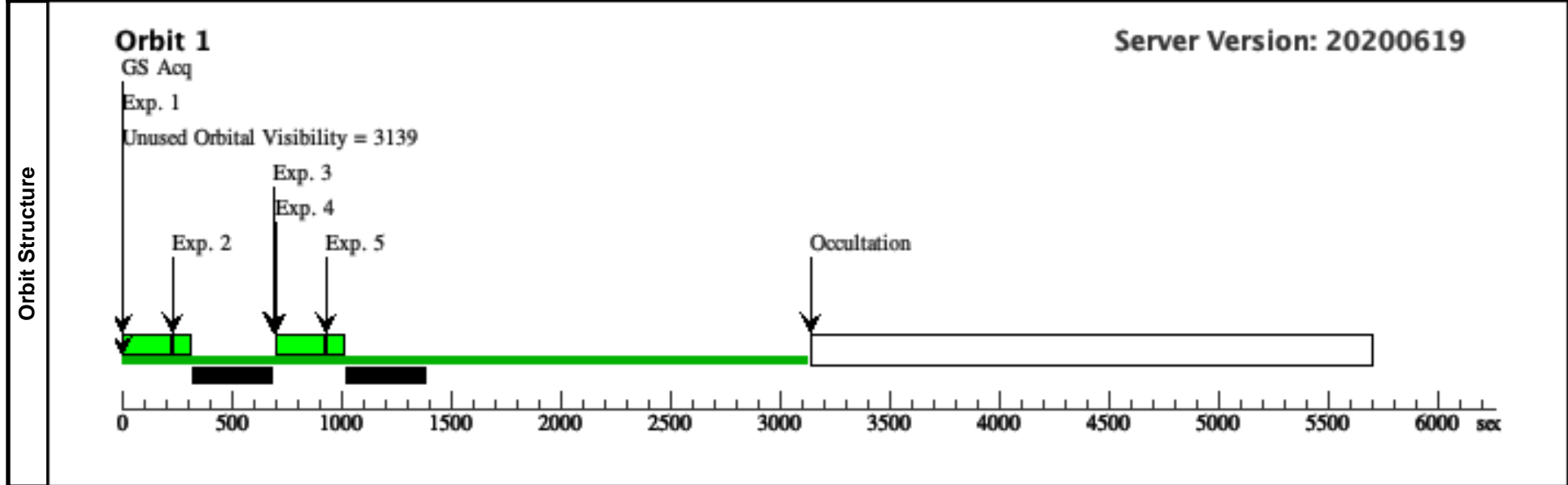


Proposal 16398 - February (13) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, February (13) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 26-JAN-2021:00:00:00 AND 14-FEB-2021:00:00:00 Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

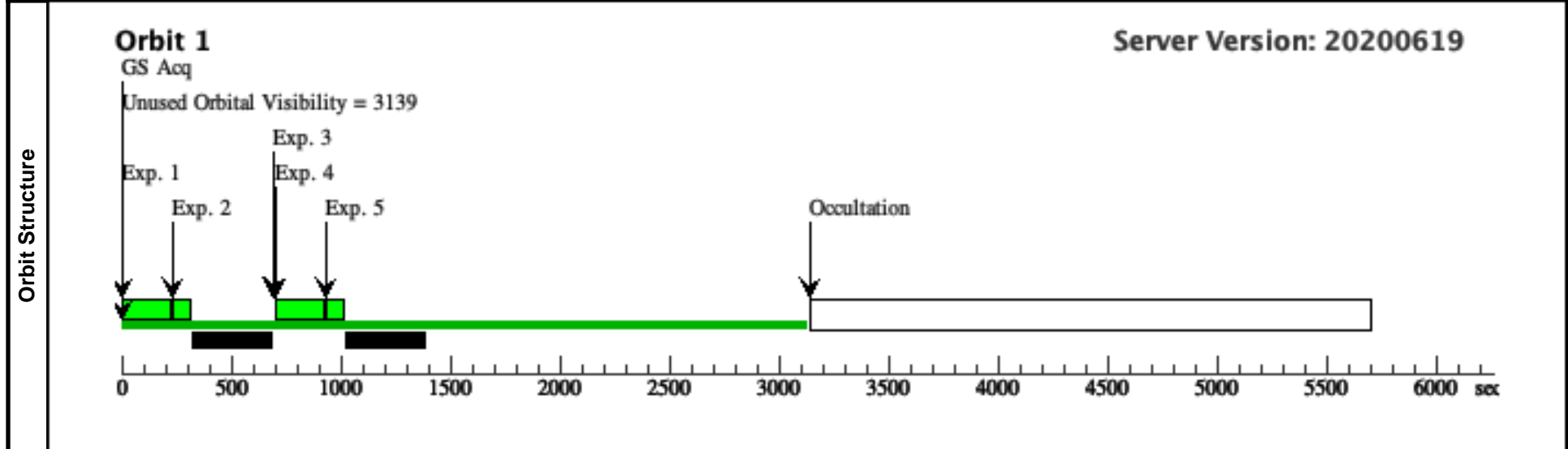


Proposal 16398 - February (14) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, February (14)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 14,13 WITHIN 1D <i>Comments: Very bright flash on each shutter</i>									

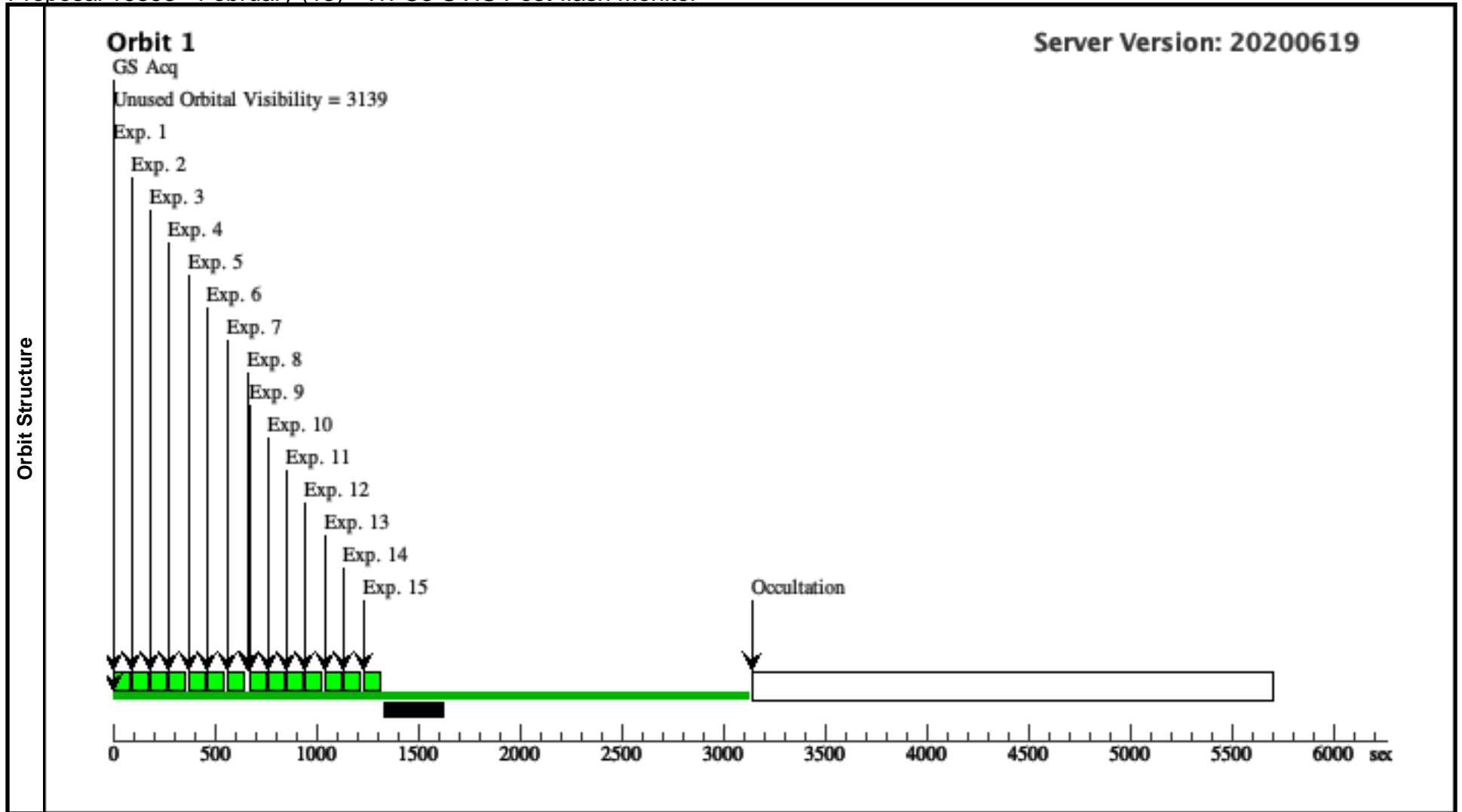
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
3		Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
4		Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - February (15) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, February (15)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 15,13 WITHIN 1D Comments: Subarray flash brightness monitor									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	8	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs)	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	10	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	12	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	14	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]

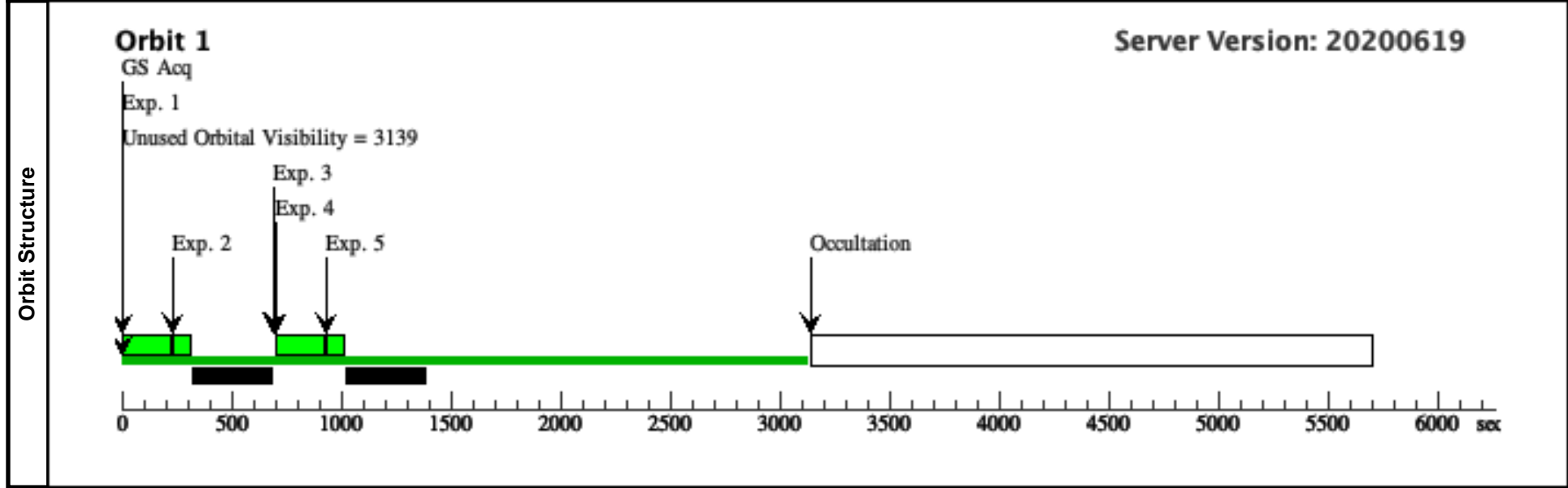


Proposal 16398 - March (16) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, March (16) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 23-FEB-2021:00:00:00 AND 14-MAR-2021:00:00:00 Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

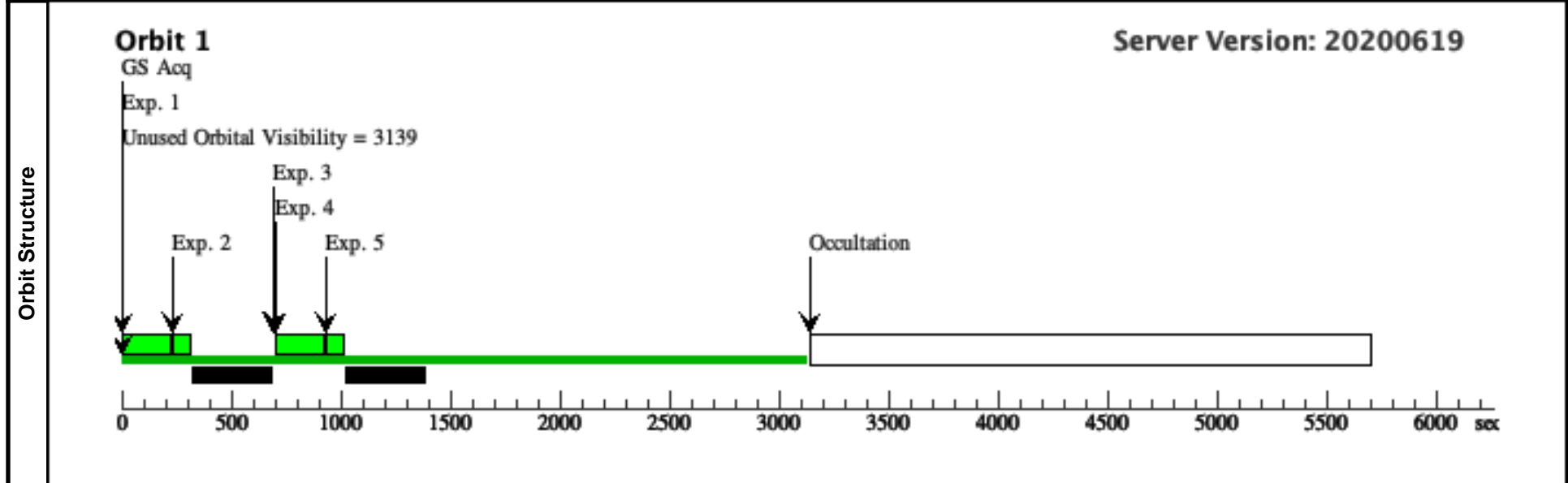


Proposal 16398 - March (17) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, March (17) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 17,16 WITHIN 1D Comments: Very bright flash on each shutter									

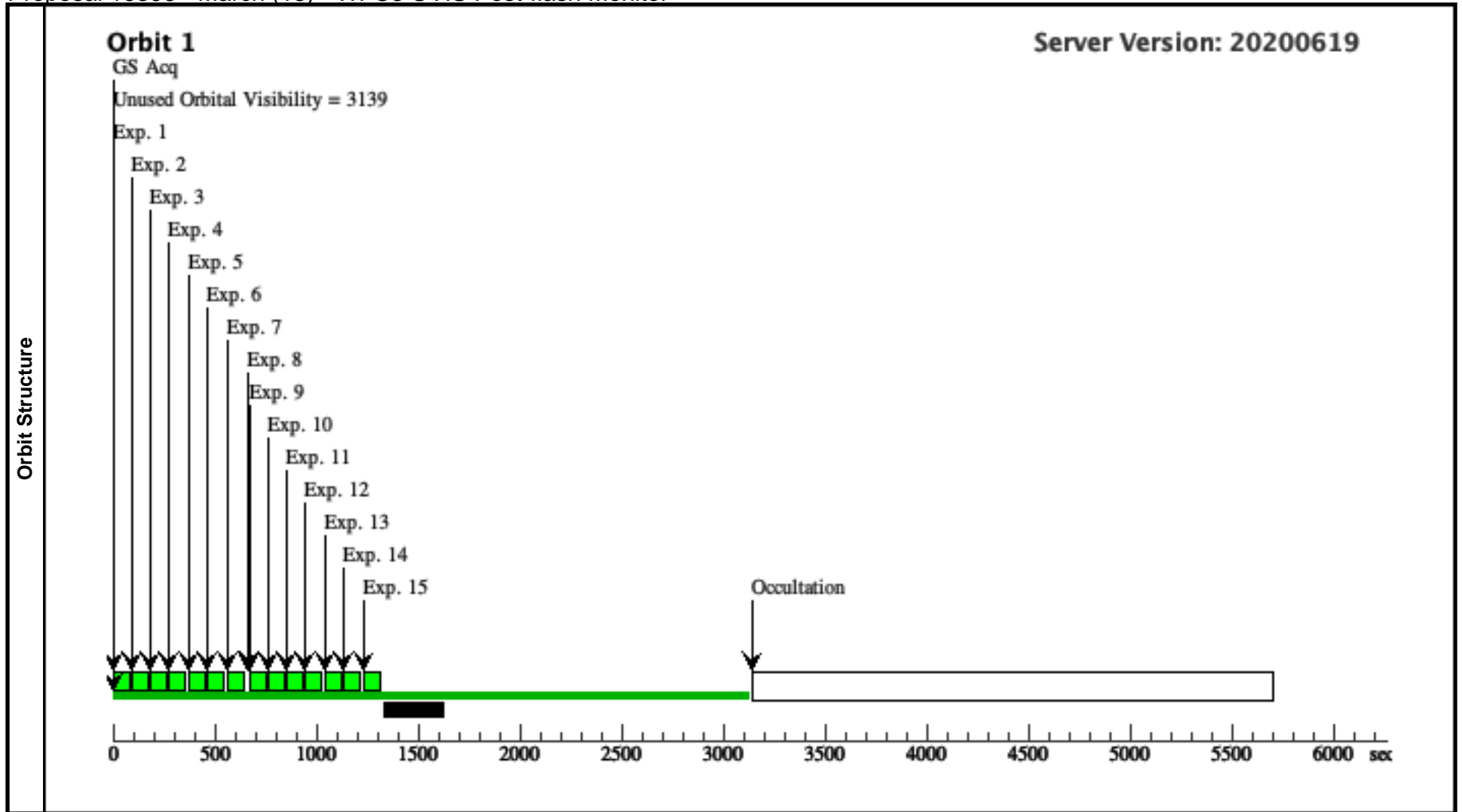
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - March (18) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, March (18)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 18,16 WITHIN 1D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]
2		Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
3		Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
4		Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]	[1]
6		Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
7		Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]
8		Toggle Shutter	DARK	S/C, DATA, NONE				SPEC COM INSTR EISHUTTER	4 Secs (4 Secs) [==>]	[1]
9		Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]	[1]
10		Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
11		Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
12		Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
13		Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]	[1]
14		Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
15		Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]

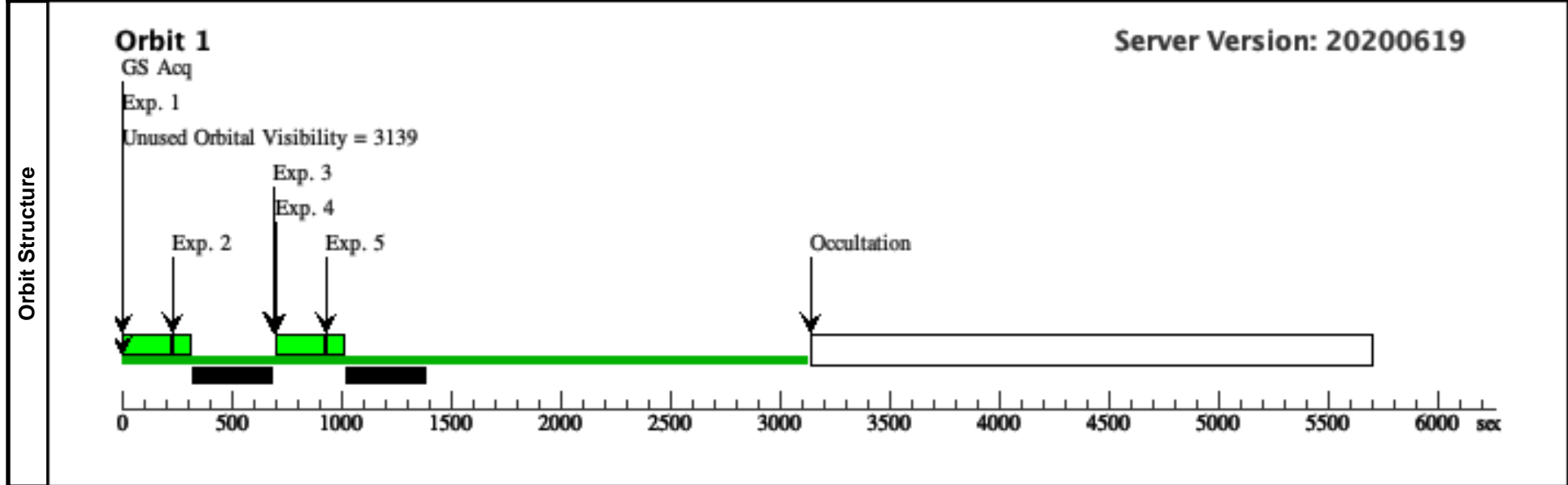


Proposal 16398 - April (19) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, April (19) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 23-MAR-2021:00:00:00 AND 11-APR-2021:00:00:00 Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

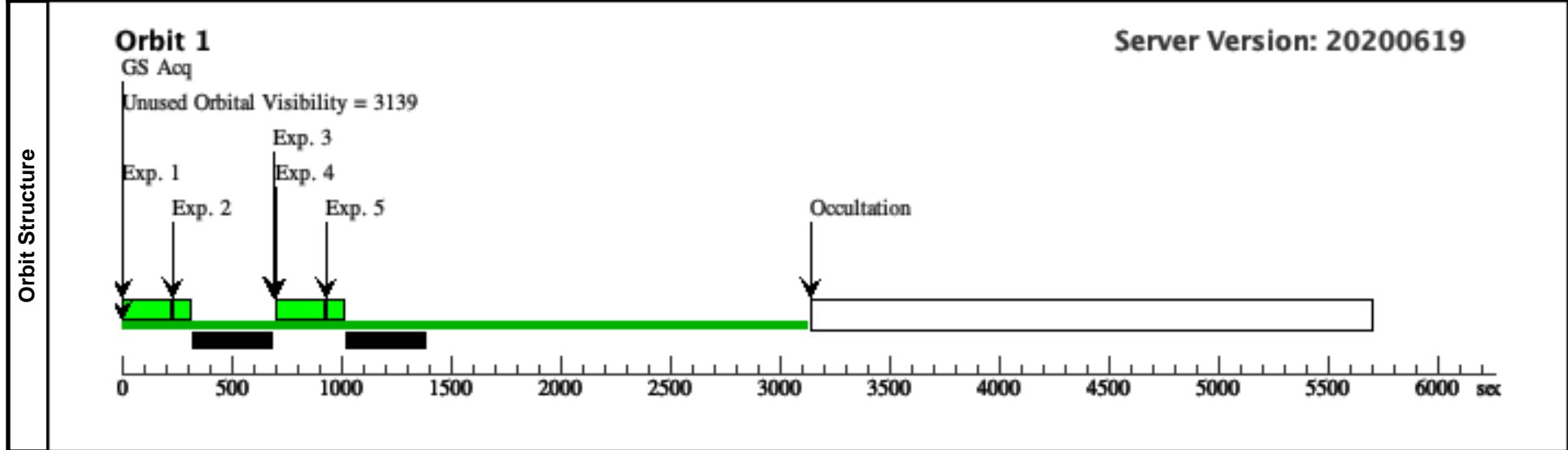


Proposal 16398 - April (20) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, April (20) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 20,19 WITHIN 1D Comments: Very bright flash on each shutter									

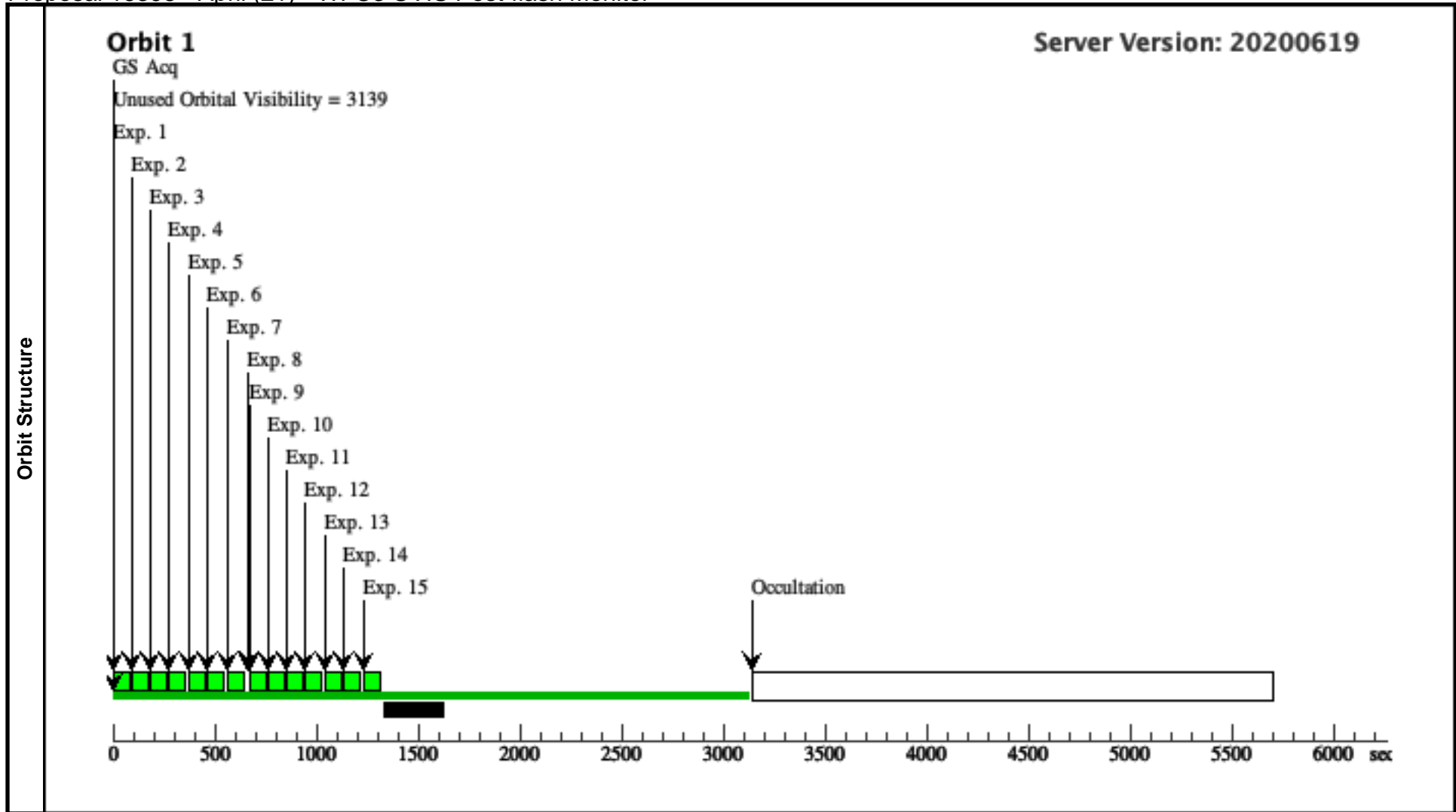
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - April (21) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, April (21)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 21,19 WITHIN 1D Comments: Subarray flash brightness monitor									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	8	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs)	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	10	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	12	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	14	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]

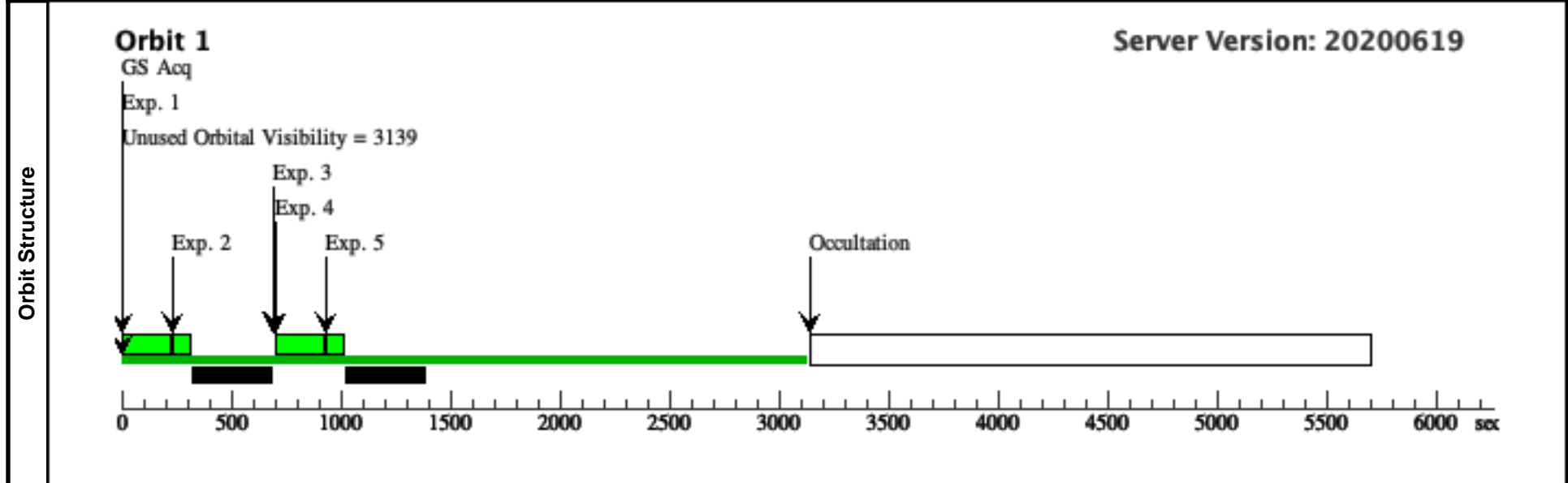


Proposal 16398 - May (22) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, May (22) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 20-APR-2021:00:00:00 AND 09-MAY-2021:00:00:00 Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
3		Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
4		Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

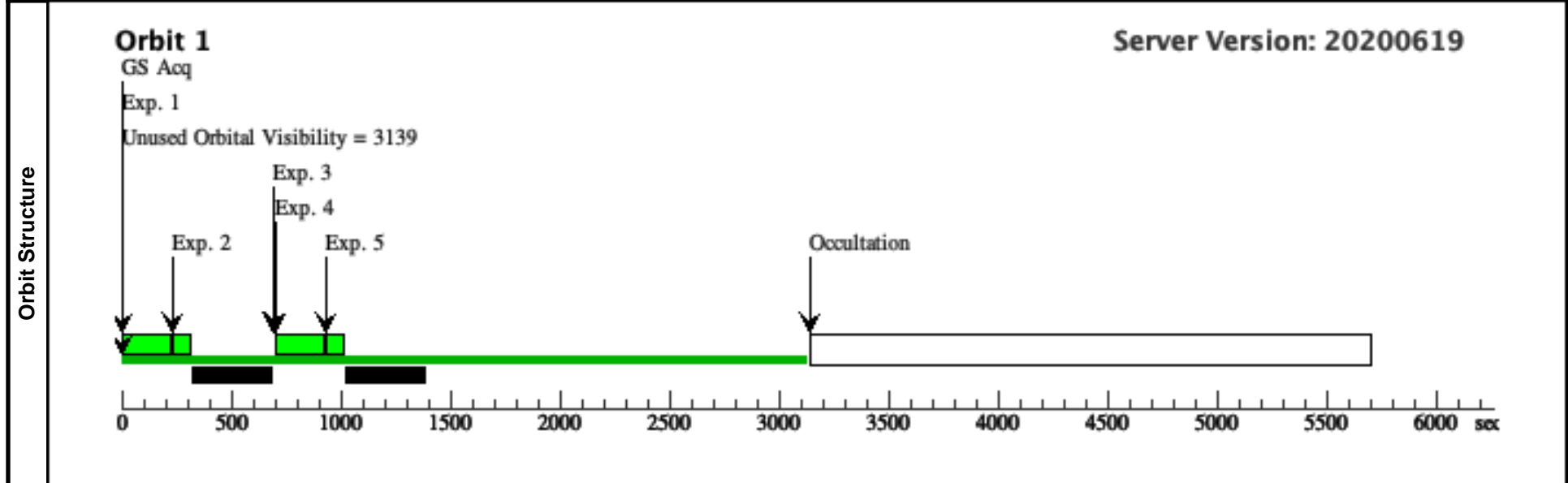


Proposal 16398 - May (23) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, May (23) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 23,22 WITHIN 1D Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - May (24) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, May (24)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 24,22 WITHIN 1D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]
2		Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
3		Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
4		Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]	[1]
6		Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
7		Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]
8		Toggle Shutter	DARK	S/C, DATA, NONE				SPEC COM INSTR EISHUTTER	4 Secs (4 Secs) [==>]	[1]
9		Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]	[1]
10		Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
11		Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
12		Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
13		Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]	[1]
14		Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
15		Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]

Orbit Structure

Orbit 1

GS Acq

Exp. 1

Unused Orbital Visibility = 3139

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Exp. 8

Exp. 9

Exp. 10

Exp. 11

Exp. 12

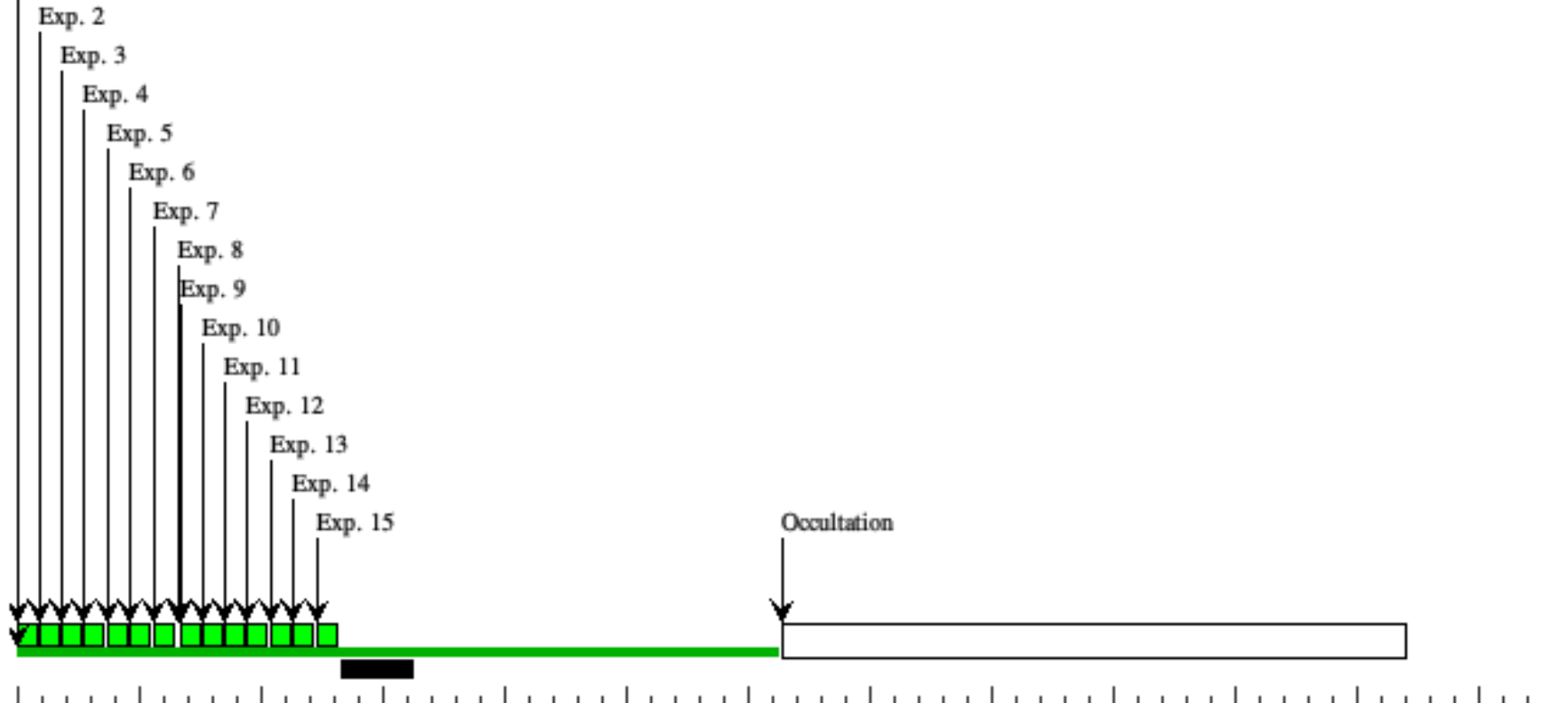
Exp. 13

Exp. 14

Exp. 15

Occultation

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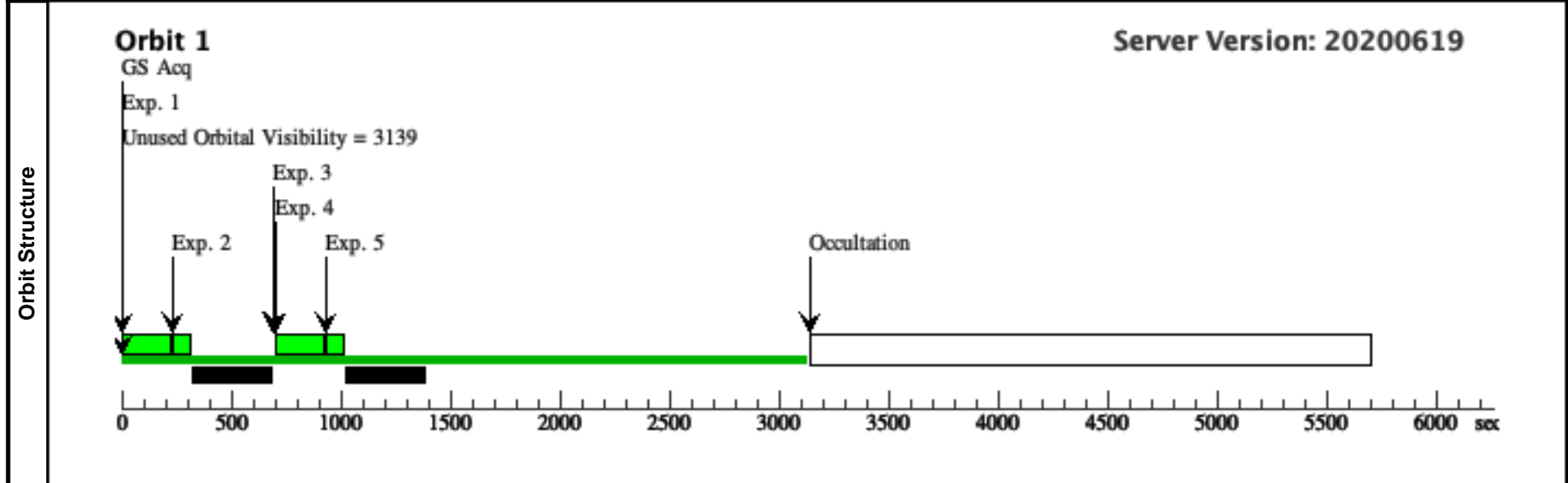


Proposal 16398 - June (25) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:09 GMT 2020

Visit	Proposal 16398, June (25) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 18-MAY-2021:00:00:00 AND 06-JUN-2021:00:00:00 Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

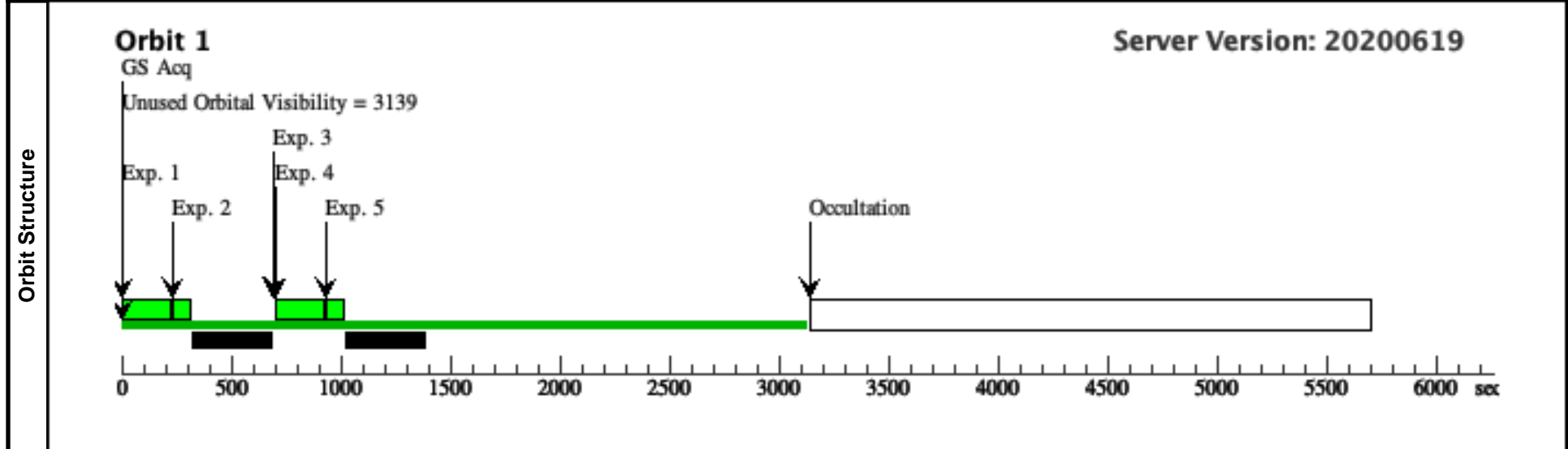


Proposal 16398 - June (26) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, June (26) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 26,25 WITHIN 1D <i>Comments: Very bright flash on each shutter</i>									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4.0 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - June (27) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, June (27)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 27,25 WITHIN 1D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]
2		Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
3		Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
4		Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]	[1]
6		Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
7		Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]
8		Toggle Shutter	DARK	S/C, DATA, NONE				SPEC COM INSTR EISHUTTER	4 Secs (4 Secs) [==>]	[1]
9		Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]	[1]
10		Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
11		Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
12		Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
13		Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]	[1]
14		Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
15		Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]

Orbit Structure

Orbit 1

GS Acq

Exp. 1

Unused Orbital Visibility = 3139

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Exp. 8

Exp. 9

Exp. 10

Exp. 11

Exp. 12

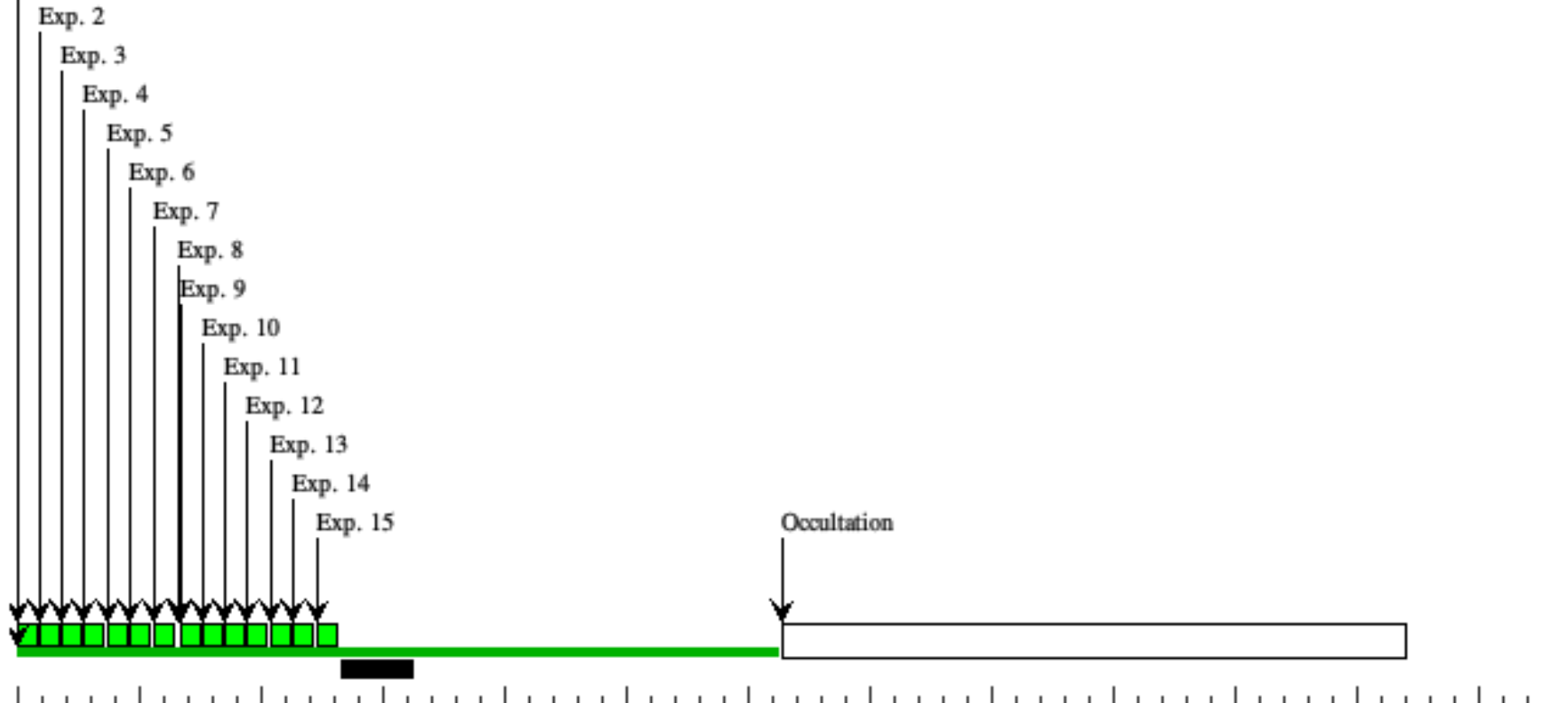
Exp. 13

Exp. 14

Exp. 15

Occultation

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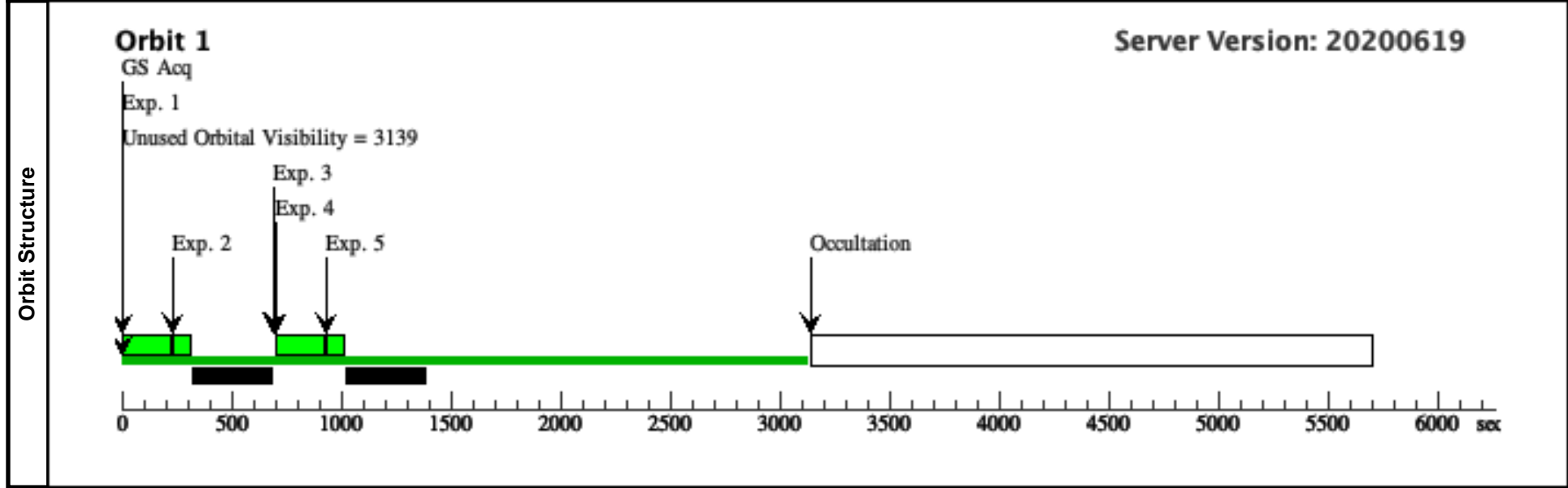


Proposal 16398 - July (28) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, July (28) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 15-JUN-2021:00:00:00 AND 04-JUL-2021:00:00:00 Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

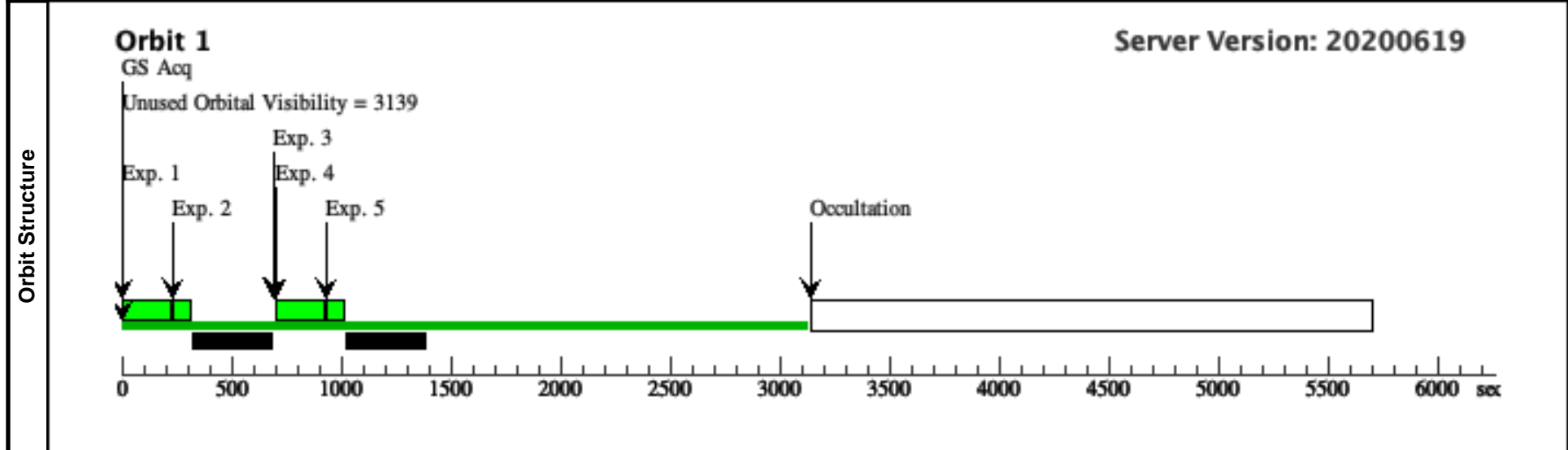


Proposal 16398 - July (29) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, July (29) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 29,28 WITHIN 1D Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - July (30) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, July (30)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 30,28 WITHIN 1D Comments: Subarray flash brightness monitor									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	8	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs)	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	10	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	12	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	14	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]

Orbit Structure

Orbit 1

GS Acq

Exp. 1

Unused Orbital Visibility = 3139

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Exp. 8

Exp. 9

Exp. 10

Exp. 11

Exp. 12

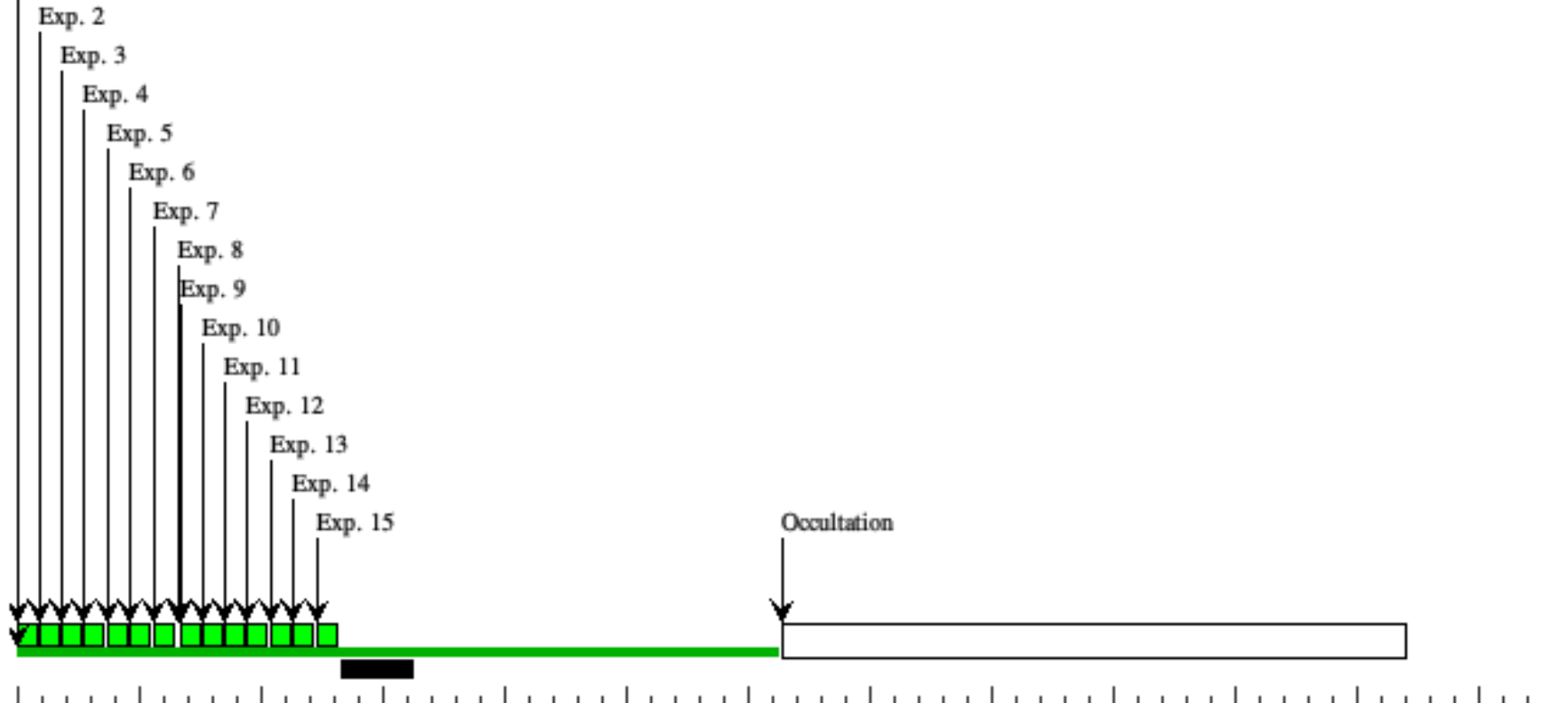
Exp. 13

Exp. 14

Exp. 15

Occultation

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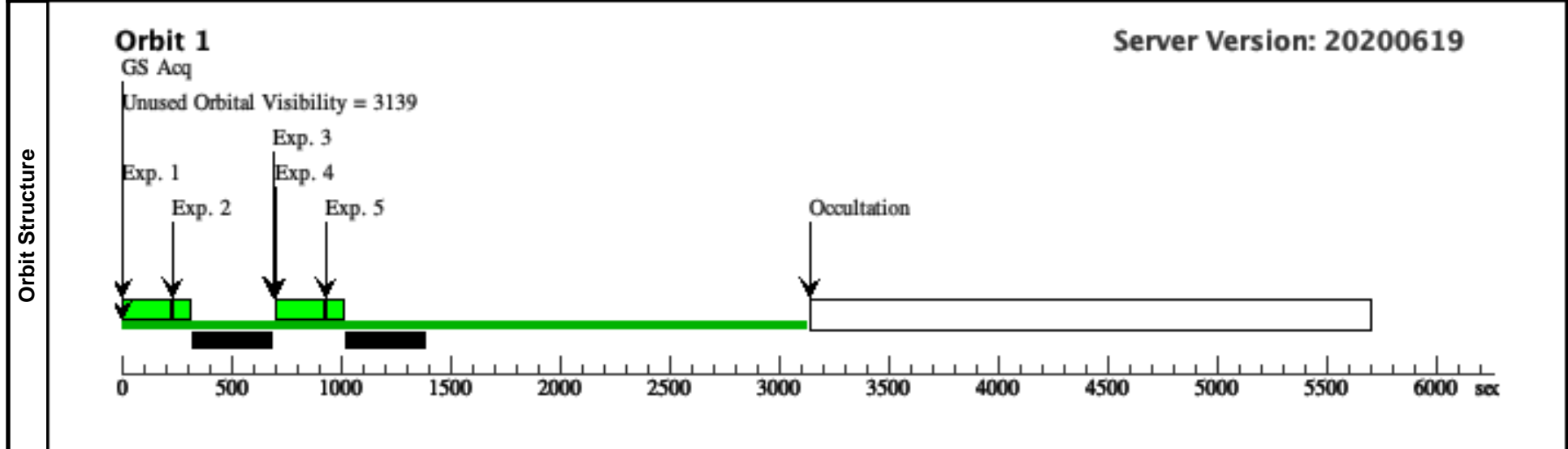


Proposal 16398 - August (31) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, August (31) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 13-JUL-2021:00:00:00 AND 01-AUG-2021:00:00:00 Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
3		Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
4		Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

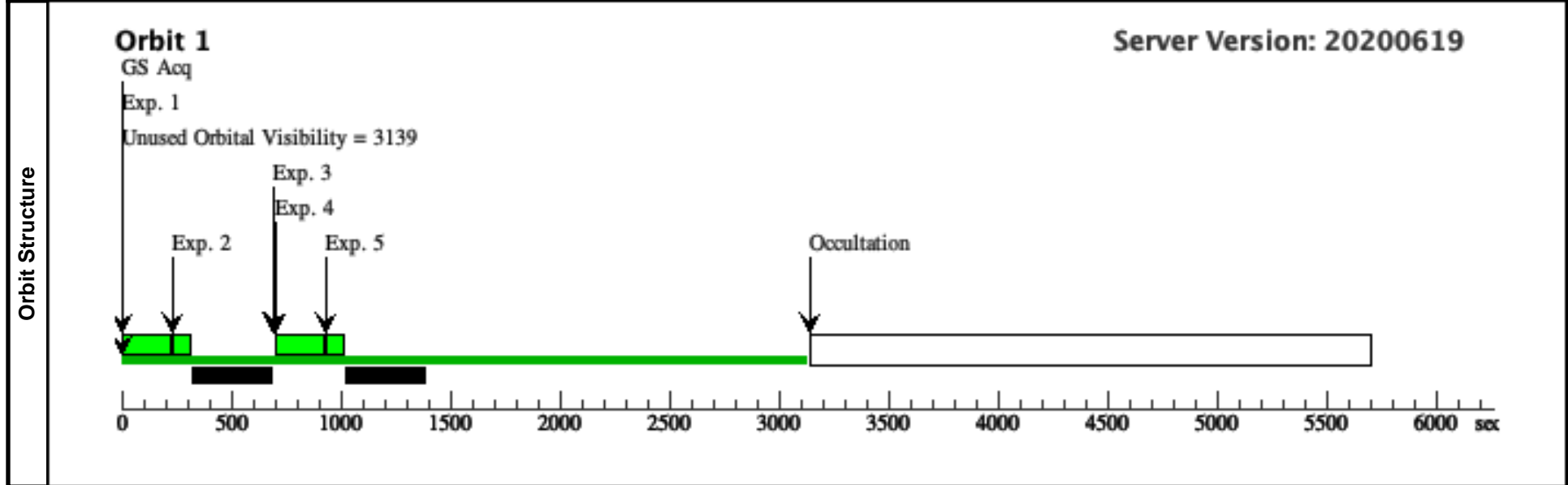


Proposal 16398 - August (32) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, August (32) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 32,31 WITHIN 1D <i>Comments: Very bright flash on each shutter</i>									

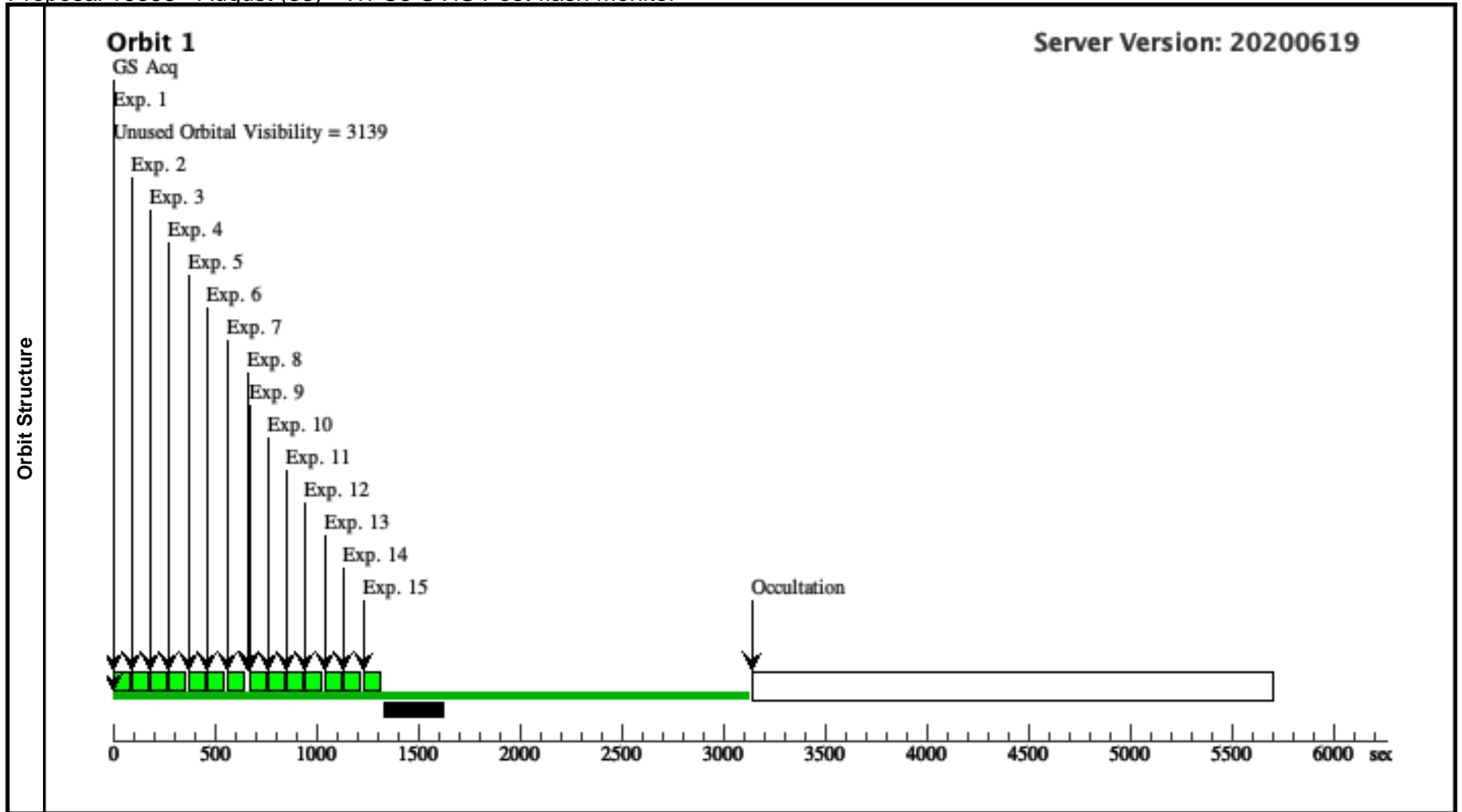
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - August (33) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, August (33)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 33,31 WITHIN 1D Comments: Subarray flash brightness monitor									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	8	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs)	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	10	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	12	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	14	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]

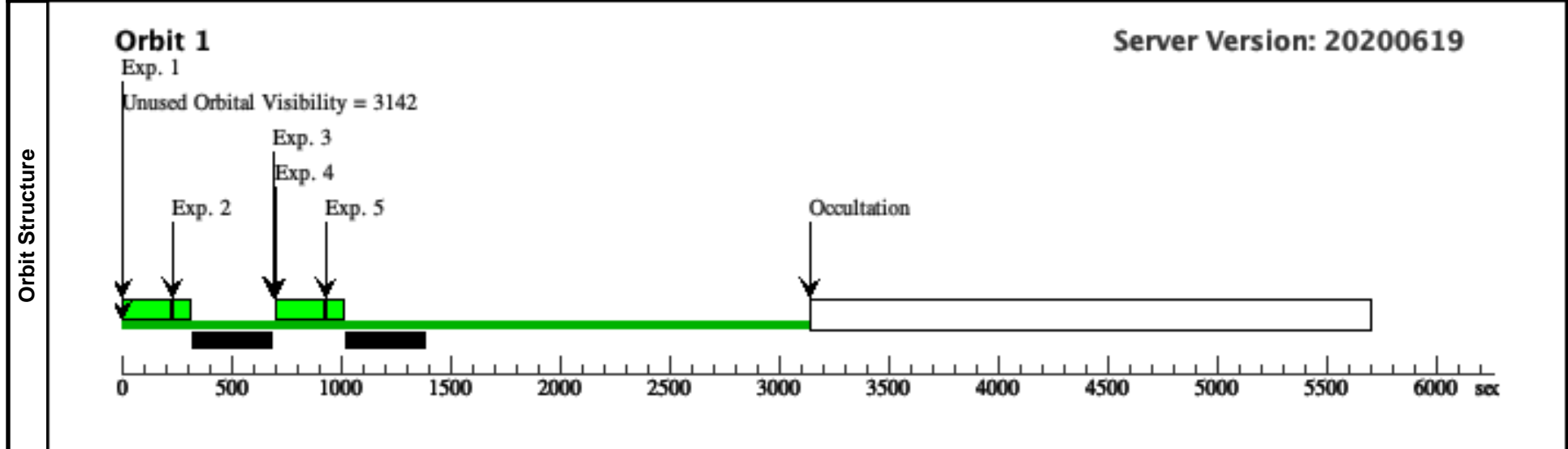


Proposal 16398 - September (34) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, September (34)									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, S/C									
	Special Requirements: BETWEEN 08-AUG-2021:00:00:00 AND 29-AUG-2021:00:00:00; PARALLEL									
<i>Comments: Very bright flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]	

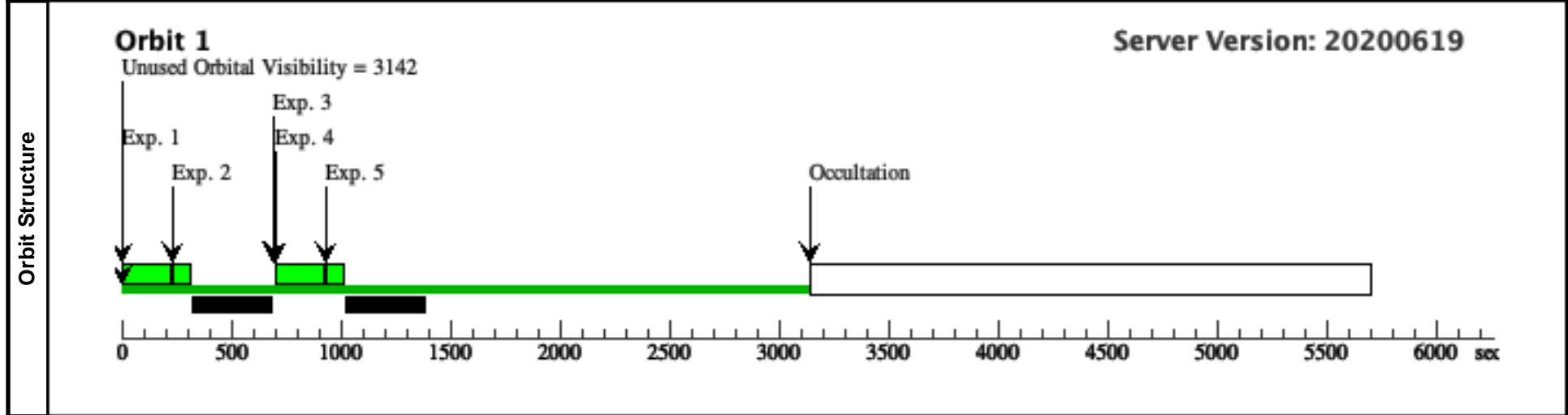


Proposal 16398 - September (35) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, September (35)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 35,34 WITHIN 1D; PARALLEL <i>Comments: Very bright flash on each shutter</i>									

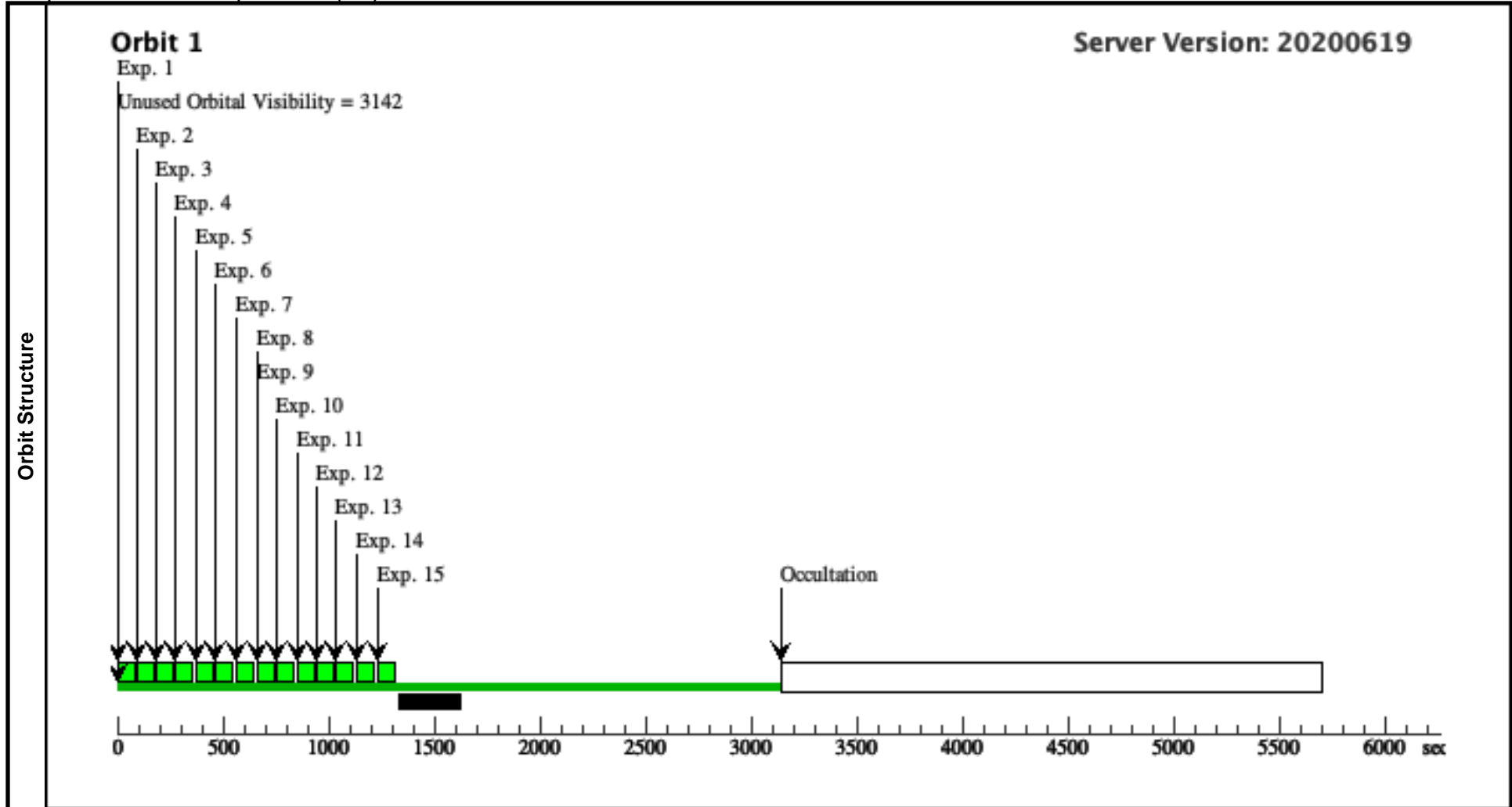
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - September (36) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, September (36)									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/UVIS, S/C										
Special Requirements: GROUP 36,34 WITHIN 1D; PARALLEL										
Comments: Subarray flash brightness monitor										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	8	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs)	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	10	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	12	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	14	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]

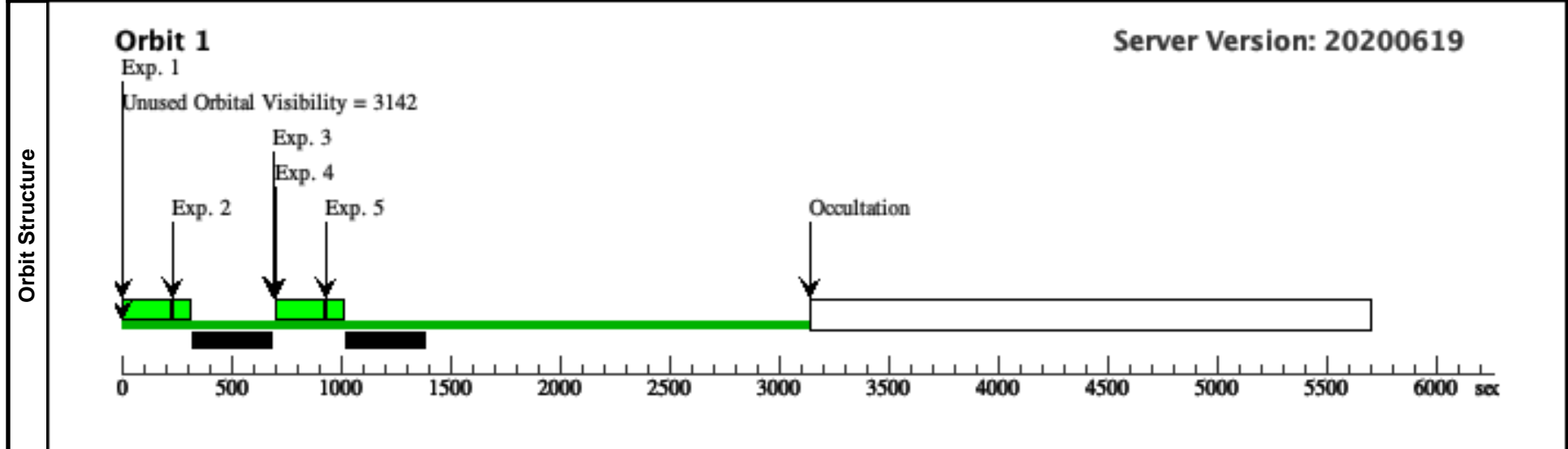


Proposal 16398 - October (37) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, October (37)									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, S/C									
	Special Requirements: BETWEEN 07-SEP-2021:00:00:00 AND 26-SEP-2021:00:00:00; PARALLEL									
<i>Comments: Very bright flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

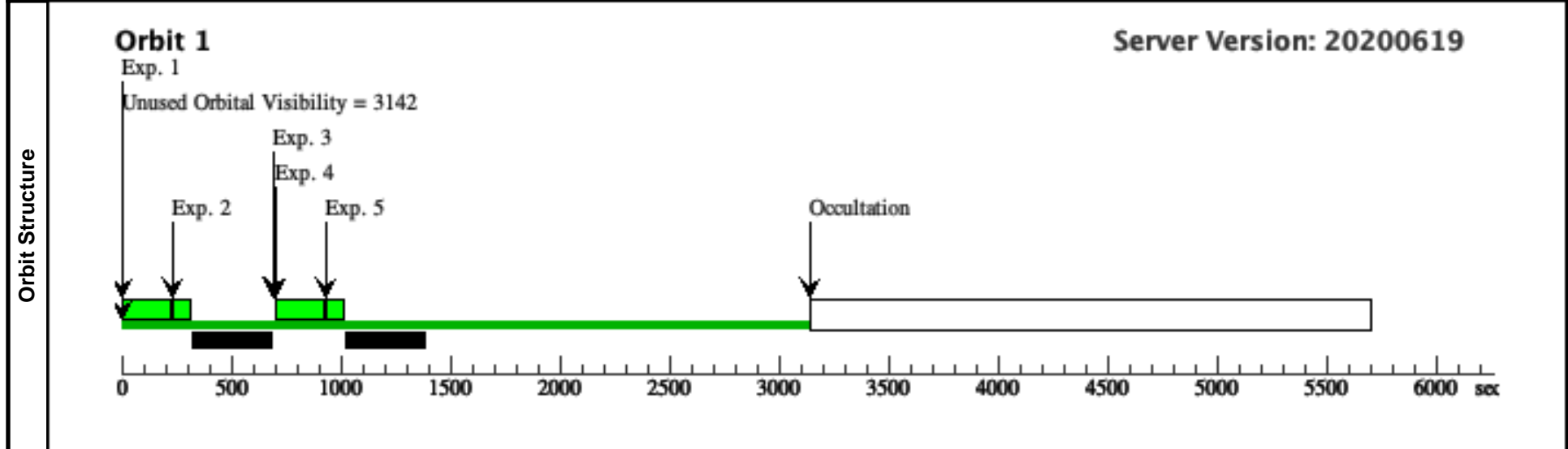


Proposal 16398 - October (38) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, October (38)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 38,37 WITHIN 1D; PARALLEL <i>Comments: Very bright flash on each shutter</i>									

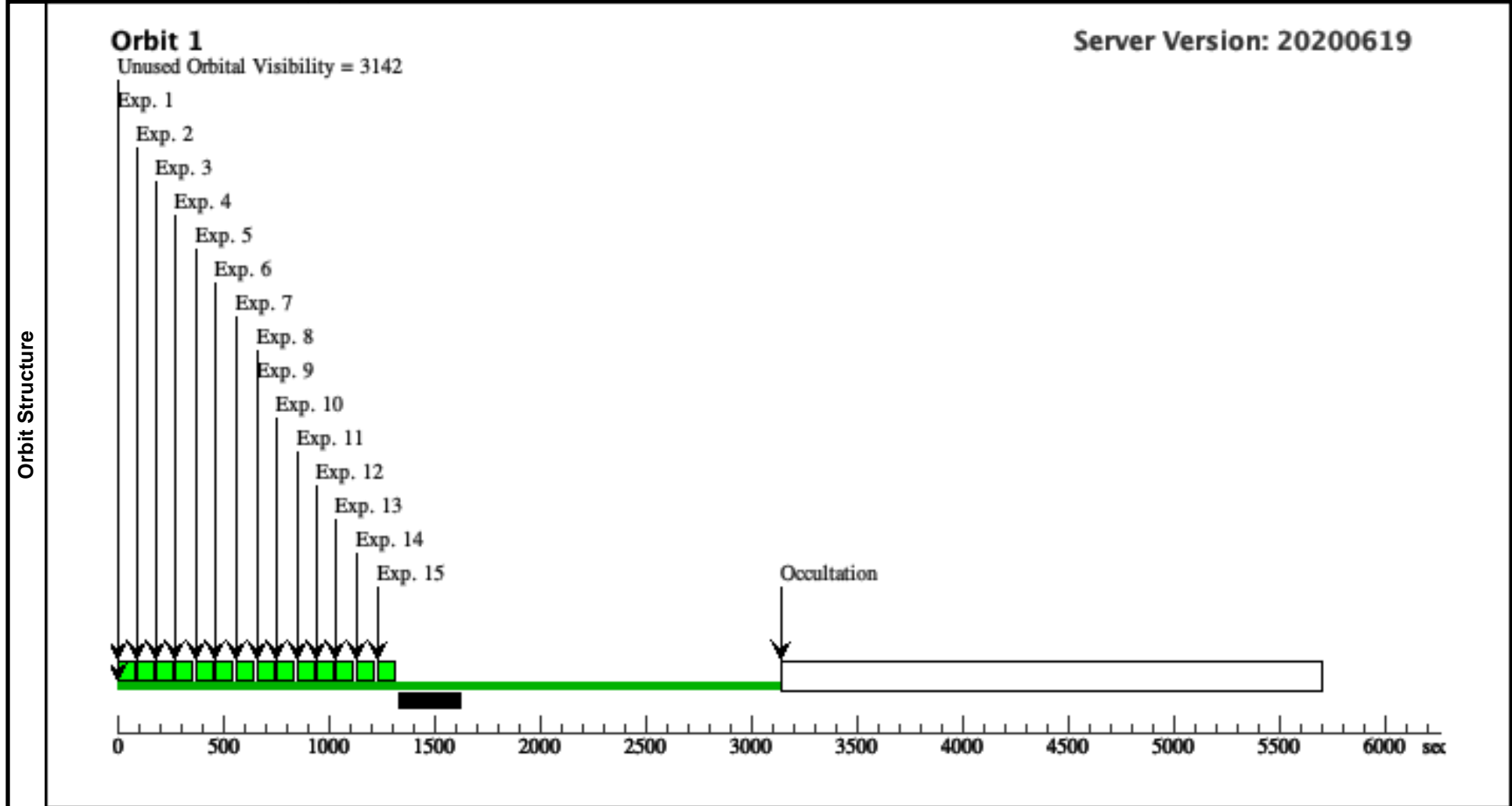
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
3		Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
4		Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - October (39) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, October (39)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 39,37 WITHIN 1D; PARALLEL Comments: Subarray flash brightness monitor									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	Exposures	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]
2		Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
3		Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
4		Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
5		Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]	[1]
6		Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
7		Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]
8		Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
9		Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs) [==>]	[1]
10		Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs) [==>]	[1]
11		Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs) [==>]	[1]
12		Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs) [==>]	[1]
13		Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs) [==>]	[1]
14		Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs) [==>]	[1]
15		Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs) [==>]	[1]

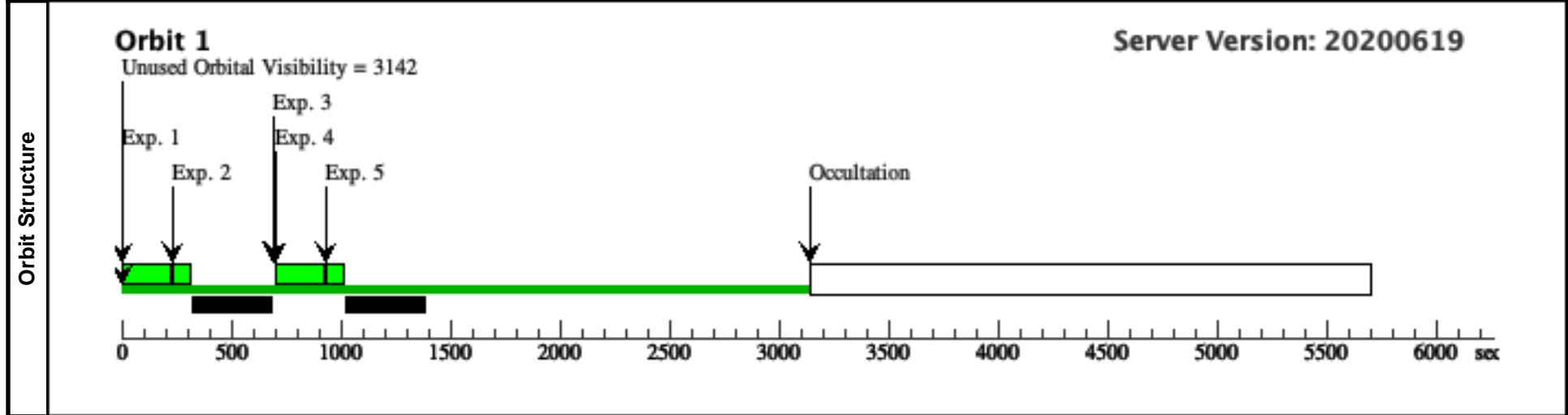


Proposal 16398 - November (40) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, November (40) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 05-OCT-2021:00:00:00 AND 25-OCT-2021:00:00:00; PARALLEL Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs (0.5 Secs) [==>]	[1]

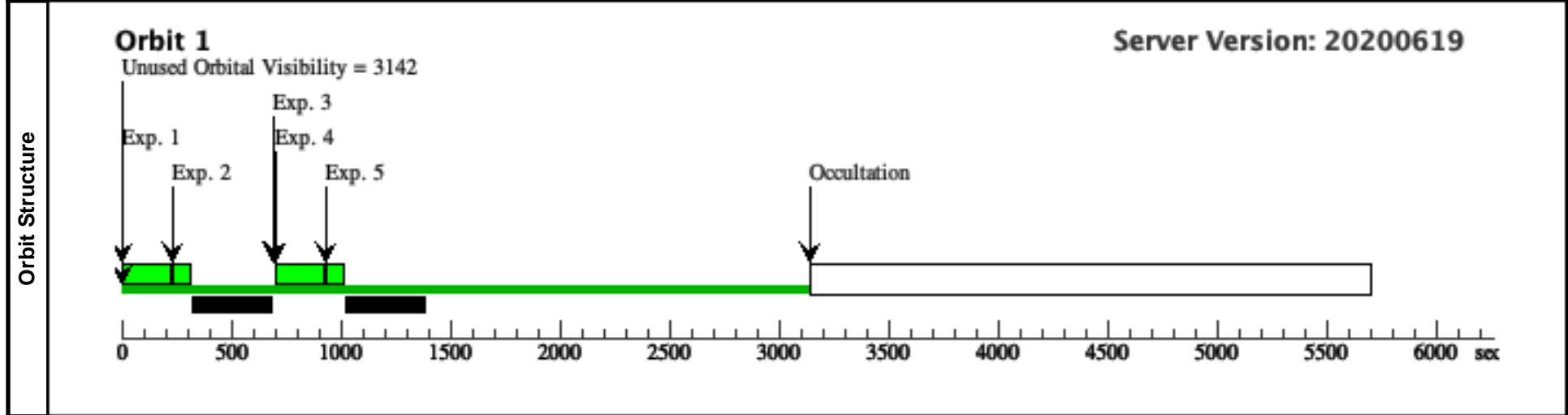


Proposal 16398 - November (41) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, November (41)									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, S/C									
	Special Requirements: GROUP 41,40 WITHIN 1D; PARALLEL									
<i>Comments: Very bright flash on each shutter</i>										

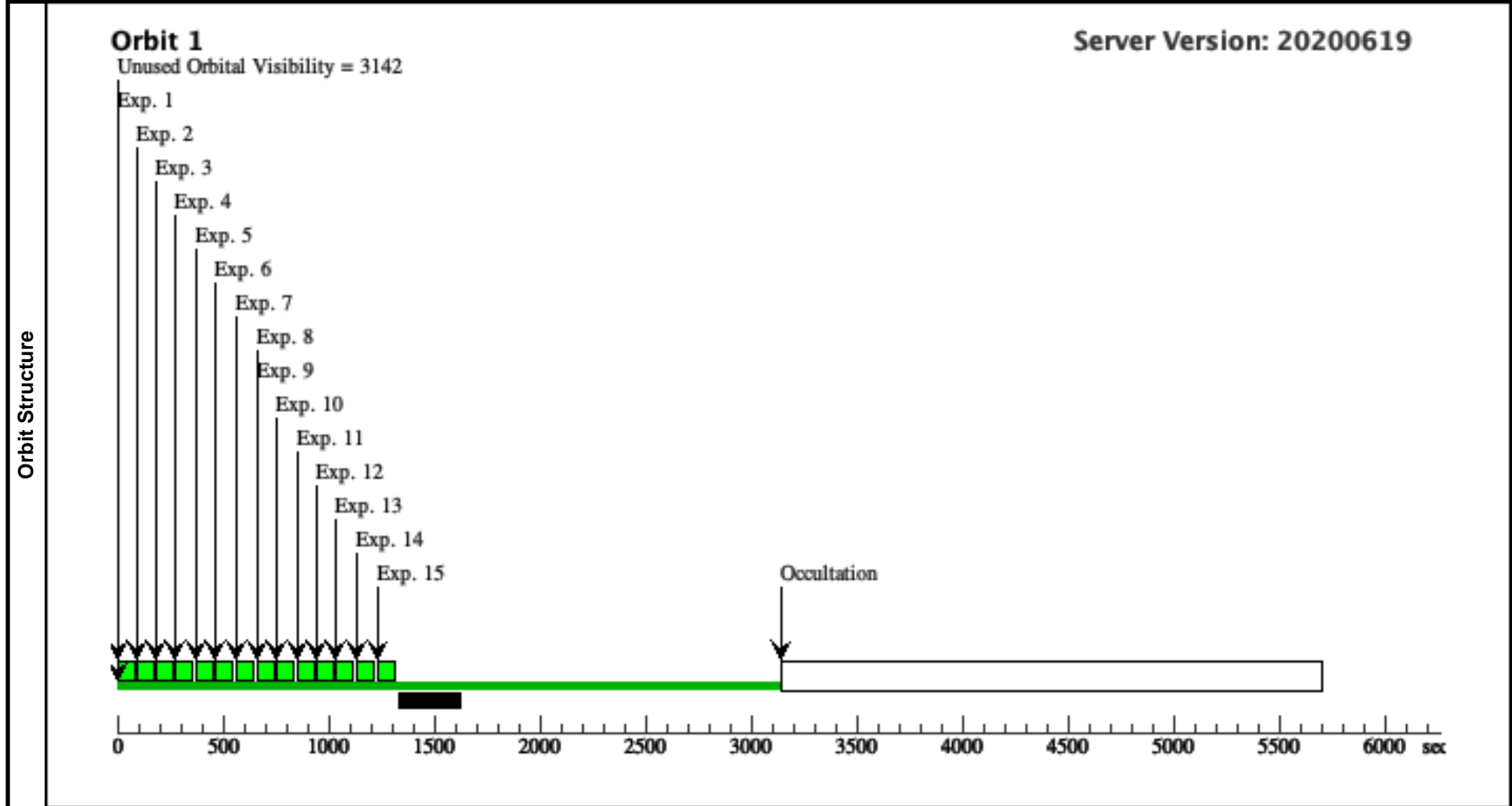
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100		0.5 Secs (0.5 Secs) [==>]	[1]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12		0.5 Secs (0.5 Secs) [==>]	[1]
	3	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER	4 Secs (4 Secs) [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100		0.5 Secs (0.5 Secs) [==>]	[1]
	5	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12		0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 16398 - November (42) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, November (42)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 42,40 WITHIN 1D; PARALLEL Comments: Subarray flash brightness monitor									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]
	8	Toggle Shutter	DARK	S/C, DATA, NONE			SPEC COM INSTR EISHUTTER		4 Secs (4 Secs)	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs (0.5 Secs)	[1]
	10	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			0.5 Secs (0.5 Secs)	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			0.5 Secs (0.5 Secs)	[1]
	12	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			0.5 Secs (0.5 Secs)	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			0.5 Secs (0.5 Secs)	[1]
	14	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			0.5 Secs (0.5 Secs)	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs (0.5 Secs)	[1]

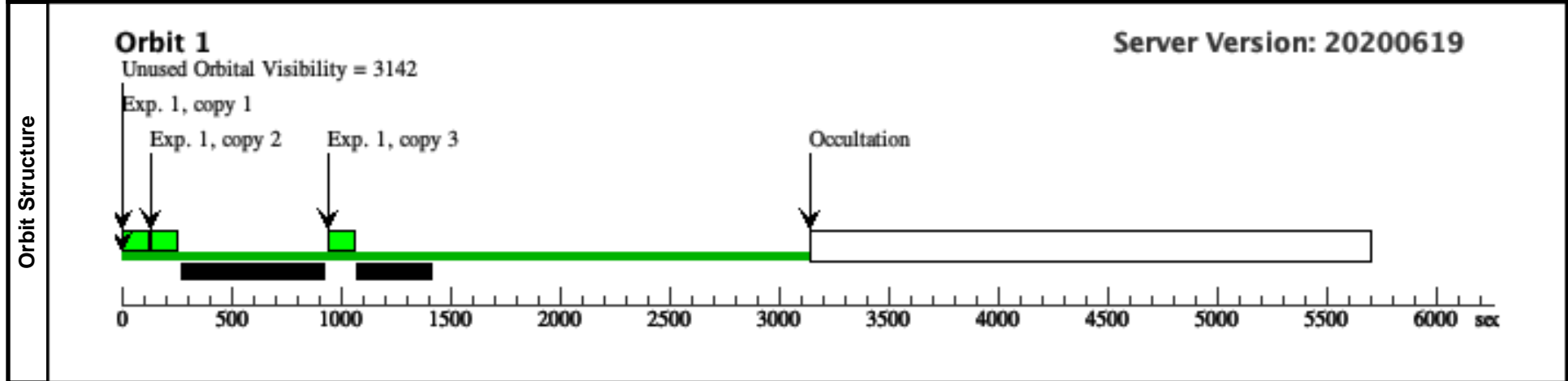


Proposal 16398 - refile 1 Shutter A (43) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, refile 1 Shutter A (43)									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 07-DEC-2020:00:00:00 AND 07-FEB-2021:00:00:00: GROUP 43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60 WITHIN 14D									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Low current Shutter A	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASHCUR=LOW; FLASHEXP=4.7; GAIN=1.5	QESIPARM BLAD E A			.5 Secs X 3 (1.5 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]



Proposal 16398 - refile 2 Shutter A (44) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, refile 2 Shutter A (44) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
	1	Post-Flash S hutter A	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASHEXP=0.3; GAIN=1.5; FLASHCUR=MEDI UM	QESIPARM BLAD E A		100 Secs X 3 (300 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div> <p>Orbit 1 Unused Orbital Visibility = 3142</p> </div> <div style="text-align: right;"> <p>Server Version: 20200619</p> </div> </div>									

Proposal 16398 - reffile 3 Shutter A (45) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, reffile 3 Shutter A (45) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	High S/N Shutter A	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDI UM; FLASHEXP=100	QESIPARM BLAD E A		.5 Secs X 3 (1.5 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20200619</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 with major ticks every 500 seconds. A green horizontal bar spans from 0 to approximately 3142 seconds, representing the active observation period. Three green rectangular pulses are shown above this bar, labeled 'Exp. 1, copy 1' (at ~100s), 'Exp. 1, copy 2' (at ~300s), and 'Exp. 1, copy 3' (at ~1200s). Below the green bar, there are three black rectangular blocks representing occultations: one from ~500s to ~1100s, one from ~1300s to ~1700s, and one from ~3142s to ~5700s. The occultation starting at 3142s is labeled 'Occultation' with an arrow pointing to the white bar that covers the rest of the orbit.</p>									

Proposal 16398 - refile 4 Shutter A (46) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, refile 4 Shutter A (46) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Low current Shutter A	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASHCUR=LOW; FLASHEXP=4.7; GAIN=1.5	QESIPARM BLAD E A		.5 Secs X 3 (1.5 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20200619</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <p>Exp. 1, copy 2 Exp. 1, copy 3</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 16398 - refile 5 Shutter A (47) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, refile 5 Shutter A (47) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Post-Flash S hutter A	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASHEXP=0.3; GAIN=1.5; FLASHCUR=MEDI UM	QESIPARM BLAD E A			100 Secs X 3 (300 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]
Orbit Structure	<p>Orbit 1 Server Version: 20200619</p> <p>Unused Orbital Visibility = 3142</p>									

Proposal 16398 - reffile 6 Shutter A (48) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

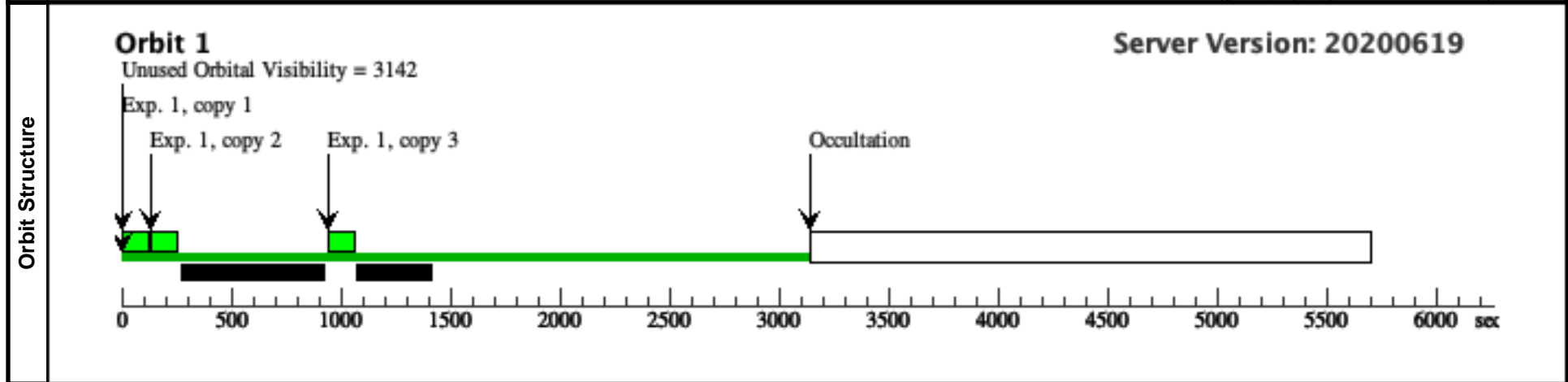
Visit	Proposal 16398, reffile 6 Shutter A (48) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	High S/N Shutter A	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDI UM; FLASHEXP=100	QESIPARM BLAD E A		.5 Secs X 3 (1.5 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="220 414 703 787"> <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> </div> <div data-bbox="1438 414 1879 446"> <p>Server Version: 20200619</p> </div> </div>									

Proposal 16398 - refile 7 Shutter A (49) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, refile 7 Shutter A (49)									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Low current Shutter A	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASHCUR=LOW; FLASHEXP=4.7; GAIN=1.5	QESIPARM BLAD E A			.5 Secs X 3 (1.5 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)]



Proposal 16398 - reffile 8 Shutter A (50) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, reffile 8 Shutter A (50) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
	1	Post-Flash S hutter A	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASHEXP=0.3; GAIN=1.5; FLASHCUR=MEDI UM	QESIPARM BLAD E A		100 Secs X 3 (300 Secs)	[1]
									[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div> <p>Orbit 1 Unused Orbital Visibility = 3142</p> </div> <div> <p>Server Version: 20200619</p> </div> </div>									

Proposal 16398 - refile 9 Shutter A (51) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, refile 9 Shutter A (51) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	High S/N Shutter A	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDI UM; FLASHEXP=100	QESIPARM BLAD E A		.5 Secs X 3 (1.5 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20200619</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 with major ticks every 500 seconds. A green horizontal bar spans from 0 to approximately 3142 seconds, representing the active observation period. Three green rectangular pulses are shown above this bar, labeled 'Exp. 1, copy 1', 'Exp. 1, copy 2', and 'Exp. 1, copy 3'. The first pulse is between 0 and 500 seconds, the second between 1000 and 1500 seconds, and the third between 1500 and 2000 seconds. A white rectangular bar labeled 'Occultation' starts at approximately 3142 seconds and extends to the end of the orbit at 6000 seconds.</p>									

Proposal 16398 - refile 1 Shutter B (52) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

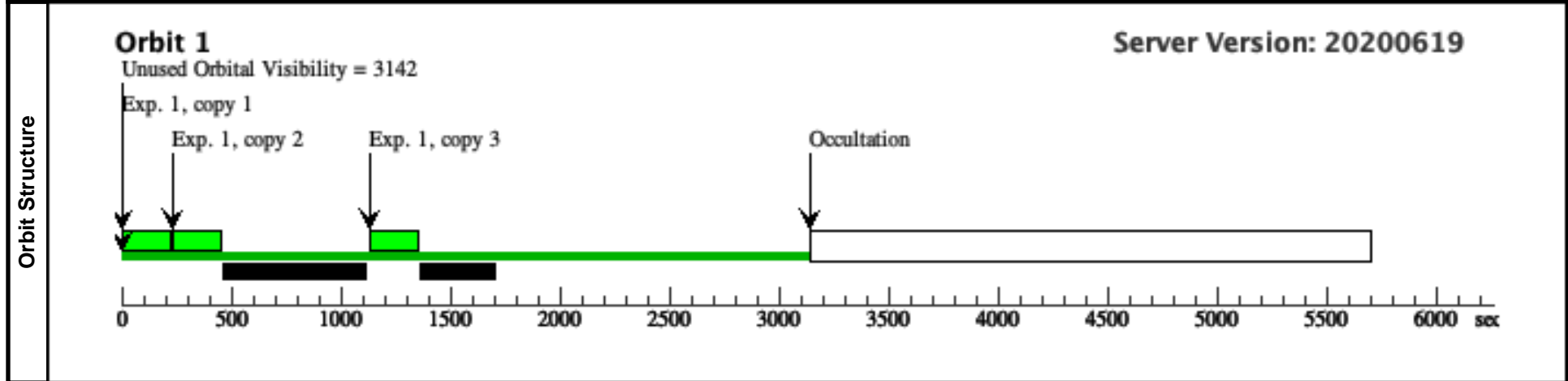
Visit	Proposal 16398, refile 1 Shutter B (52) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		Low current Shutter B	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASHCUR=LOW; FLASHEXP=4.7; GAIN=1.5	QESIPARM BLAD E B		.5 Secs X 3 (1.5 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20200619</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <p>Exp. 1, copy 2 Exp. 1, copy 3 Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 16398 - refile 2 Shutter B (53) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, refile 2 Shutter B (53)									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Post-Flash S hutter B	DARK		WFC3/UVIS, ACCUM, UVIS	DEF	FLASHEXP=0.3; GAIN=1.5; FLASHCUR=MEDI UM	QESIPARM BLAD E B		100 Secs X 3 (300 Secs)
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	

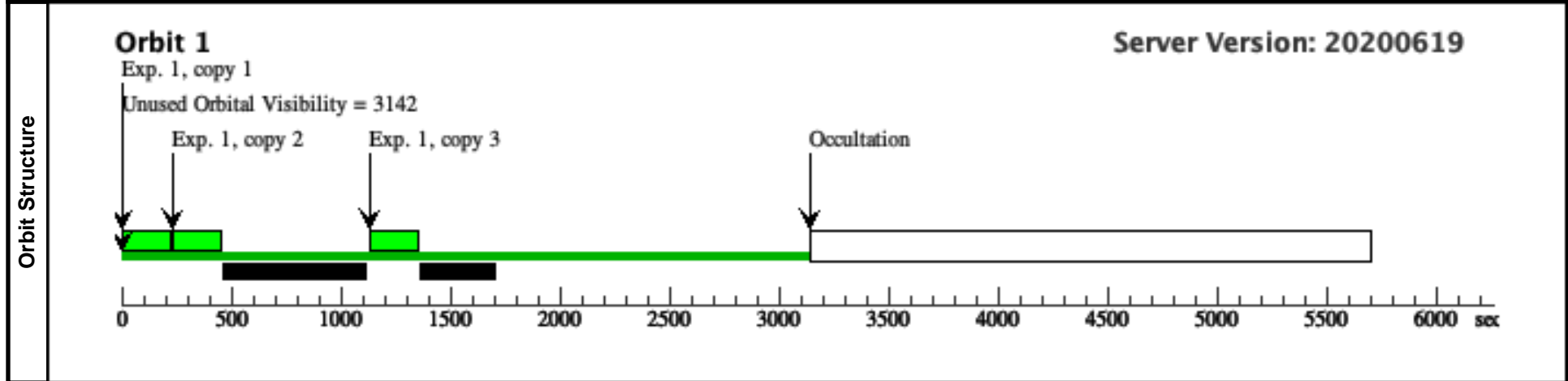


Proposal 16398 - reffile 3 Shutter B (54) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, reffile 3 Shutter B (54)									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	High S/N Shutter B	DARK		WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100	QESIPARM BLAD E B		.5 Secs X 3 (1.5 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)]



Proposal 16398 - refile 4 Shutter B (55) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

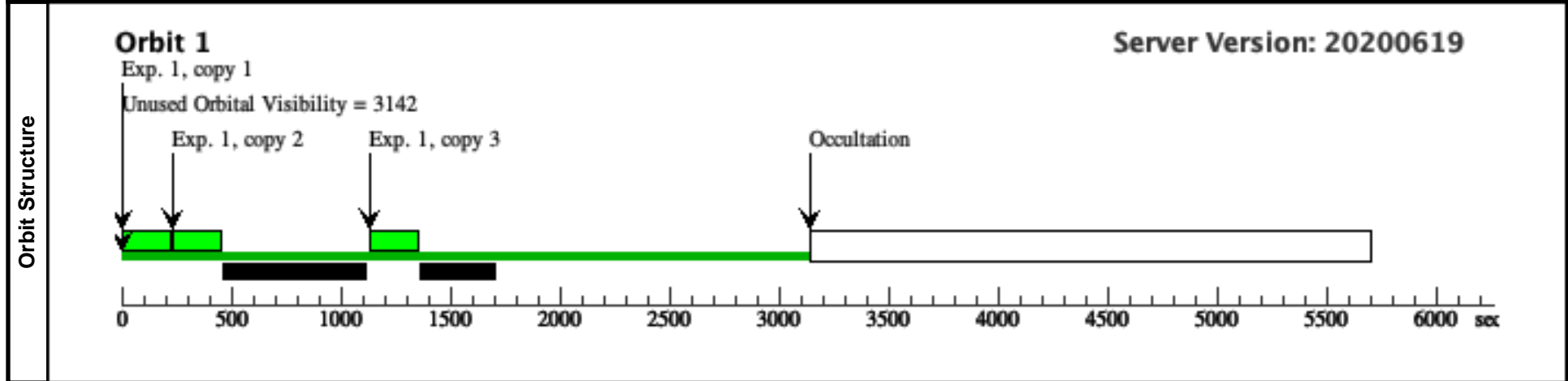
Visit	Proposal 16398, refile 4 Shutter B (55) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		Low current Shutter B	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASHCUR=LOW; FLASHEXP=4.7; GAIN=1.5	QESIPARM BLAD E B		.5 Secs X 3 (1.5 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20200619</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <p>Exp. 1, copy 2 Exp. 1, copy 3</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 16398 - refile 5 Shutter B (56) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, refile 5 Shutter B (56)									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Post-Flash S hutter B	DARK		WFC3/UVIS, ACCUM, UVIS	DEF	FLASHEXP=0.3; GAIN=1.5; FLASHCUR=MEDI UM	QESIPARM BLAD E B		100 Secs X 3 (300 Secs)
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
									[==>(Copy 3)]	



Proposal 16398 - reffile 6 Shutter B (57) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, reffile 6 Shutter B (57) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		High S/N Shutter B	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100	QESIPARM BLAD E B			.5 Secs X 3 (1.5 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)]
Orbit Structure	<p>Orbit 1 Server Version: 20200619</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <p>The diagram shows a horizontal timeline from 0 to 6000 seconds. A green bar at the top represents the total orbital visibility. Three green bars represent exposure times: 'Exp. 1, copy 1' (approx. 0-400s), 'Exp. 1, copy 2' (approx. 400-1100s), and 'Exp. 1, copy 3' (approx. 1100-1400s). Black bars below the green bar indicate occultations. A long white bar starting at approx. 3142 seconds and ending at approx. 5700s is labeled 'Occultation'.</p>									
	<p>Exp. 1, copy 2</p> <p>Exp. 1, copy 3</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

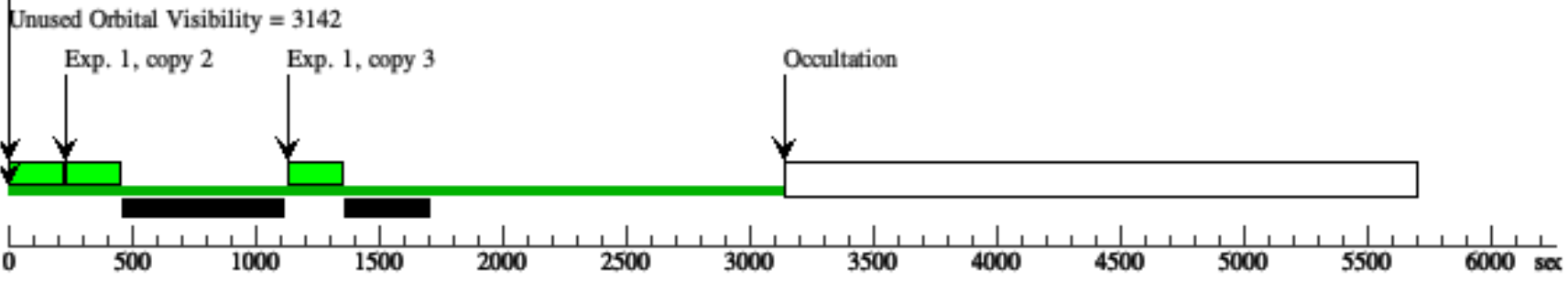
Proposal 16398 - refile 7 Shutter B (58) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:10 GMT 2020

Visit	Proposal 16398, refile 7 Shutter B (58) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Low current Shutter B	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASHCUR=LOW; FLASHEXP=4.7; GAIN=1.5	QESIPARM BLAD E B		.5 Secs X 3 (1.5 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="226 418 667 792"> <p>Orbit 1 Unused Orbital Visibility = 3142</p> </div> <div data-bbox="1444 418 1885 451"> <p>Server Version: 20200619</p> </div> </div>									

Proposal 16398 - reffile 8 Shutter B (59) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:11 GMT 2020

Visit	Proposal 16398, reffile 8 Shutter B (59) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Post-Flash S hutter B	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	FLASHEXP=0.3; GAIN=1.5; FLASHCUR=MEDI UM	QESIPARM BLAD E B		100 Secs X 3 (300 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div data-bbox="226 418 352 451"> <p>Orbit 1</p> <p>Exp. 1, copy 1</p> <p>Unused Orbital Visibility = 3142</p> </div> <div data-bbox="1444 418 1885 451"> <p>Server Version: 20200619</p> </div> </div>  <p>The diagram illustrates the timing of three copies of an exposure (Exp. 1, copy 1, 2, and 3) within an orbit. The x-axis represents time in seconds, ranging from 0 to 6000. The exposure times are shown as green bars. Copy 1 starts at 0s and ends at approximately 400s. Copy 2 starts at approximately 200s and ends at approximately 500s. Copy 3 starts at approximately 1100s and ends at approximately 1300s. There are black bars below the green bars, likely representing dead time or other activities. An occultation period is shown as a white bar starting at approximately 3142 seconds and ending at approximately 5700 seconds. The text 'Unused Orbital Visibility = 3142' is also present.</p>									

Proposal 16398 - reffile 9 Shutter B (60) - WFC3 UVIS Post-flash Monitor

Thu Aug 13 18:02:11 GMT 2020

Visit	Proposal 16398, reffile 9 Shutter B (60) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]
1		High S/N Shutter B	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100	QESIPARM BLAD E B			.5 Secs X 3 (1.5 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)]
Orbit Structure	<p>Orbit 1 Server Version: 20200619</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3142</p> <p>The diagram shows a horizontal timeline from 0 to 6000 seconds. A green bar starts at 0 and ends at approximately 3142 seconds, with three small green rectangles labeled 'Exp. 1, copy 1', 'Exp. 1, copy 2', and 'Exp. 1, copy 3' within it. A white bar starts at approximately 3142 seconds and ends at approximately 5700 seconds, labeled 'Occultation'. The x-axis is labeled 'sec' with major ticks every 500 units.</p>									