



13078 - UVIS Post-Flash Monitor

Cycle: 20, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. John A. Biretta (PI) (Contact)	Space Telescope Science Institute	biretta@stsci.edu
Dr. Sylvia M. Baggett (CoI)	Space Telescope Science Institute	sbaggett@stsci.edu

VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
A1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:19:12.0	yes
A2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:19:20.0	yes
A3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:19:33.0	yes
A4	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:19:40.0	yes
A5	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:19:46.0	yes
A6	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:19:57.0	yes
A7	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:20:11.0	yes
A8	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:20:17.0	yes

Proposal 13078 (STScI Edit Number: 0, Created: Tuesday, October 23, 2012 8:26:19 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
A9	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:20:23.0	yes
AA	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:20:29.0	yes
AB	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:20:34.0	yes
AC	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:20:40.0	yes
AD	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:20:45.0	yes
AE	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:20:50.0	yes
AF	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:20:55.0	yes
AG	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:21:00.0	yes
B1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:21:06.0	yes
B2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:21:11.0	yes
B3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:21:22.0	yes
C1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:21:29.0	yes
C2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:21:34.0	yes
C3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:21:44.0	yes
D1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:21:51.0	yes
D2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:21:56.0	yes

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<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>
D3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:22:07.0	yes
E1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:22:14.0	yes
E2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:22:19.0	yes
E3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:22:29.0	yes
F1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:22:36.0	yes
F2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:22:41.0	yes
F3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:22:51.0	yes
G1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:22:58.0	yes
G2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:23:03.0	yes
G3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:23:13.0	yes
G4	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:23:23.0	yes
G5	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:23:28.0	yes
G6	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:23:33.0	yes
H1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:23:38.0	yes
H2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:23:44.0	yes
H3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:23:54.0	yes

Proposal 13078 (STScI Edit Number: 0, Created: Tuesday, October 23, 2012 8:26:19 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
I1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:24:01.0	yes
I2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:24:06.0	yes
I3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:24:16.0	yes
J1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:24:23.0	yes
J2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:24:28.0	yes
J3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:24:38.0	yes
K1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:24:45.0	yes
K2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:24:50.0	yes
K3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:25:00.0	yes
L1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:25:07.0	yes
L2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:25:12.0	yes
L3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:25:22.0	yes
M1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:25:29.0	yes
M2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:25:34.0	yes
M3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:25:44.0	yes
N1	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:25:51.0	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>
N2	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:25:56.0	yes
N3	DARK TUNGSTEN	WFC3/UVIS	1	23-Oct-2012 21:26:06.0	yes

58 Total Orbits Used

ABSTRACT

We monitor the post-flash for changes in light distribution and changes in brightness. The images obtained will also be used to generate post-flash reference files for use in the calibration pipeline.

OBSERVING DESCRIPTION

We have two primary concerns with the post-flash: that the light distribution might change due to motion of dust spots, addition of dust spots, changes in optical alignment, aging of paint on the shutters, etc. And that the brightness of the post-flash might change due to the effects, but also due to aging of the LED lamp and associated electronics.

The light distribution is monitored using 100s flashes at the medium current level. These provide highly exposed post-flash images with relatively low noise. These images can also be scaled (presumably) to generate high signal-to-noise reference files.

The brightness is monitored using 1K subarray images, since many can be taken on a single orbit. We concentrate our efforts on the most popular post-flash values used by observers in Cyce 20. These are 5, 8, 10, 12, and 20 electrons. For completeness we also include 3 electrons to monitor effects at very brief exposure times, and 15 and 22 electrons since these exercise the medium current setting. We use 12 electron flash for the dark calibration images, so that is included as well.

Each month we obtain three single orbit internal visits to calibrate the post-flash. These are scheduled 10 - 18 days after the anneals, to avoid having the observations split or interrupted by the anneal. Data are taken on both shutters by forcing a shutter toggle using an internal tungsten flat image. The three orbits are:

Visit 1: full-frame very bright post-flash to calibrate any features or structure in the post-flash pattern. A 100s flash at medium current is obtained on

each shutter.

Visit 2: repeat of visit 1 to aid in cosmic ray rejection.

Visit 3: 1K subarray post-flash images to calibrate and monitor the brightness of flashes typically used by GOs. Flashes of 3, 5, 8, 10, 12, 15, 20, and 22 electrons are used. Images are obtained on both shutters. (The 12 electron flash has been moved to visits 1 and 2, to reduce the visit duration.)

In addition to the above regular monitor, we take extra data during the first and seventh months. These extra data include 100s and 300s post flash images in the low current setting, which can be used to test that the low and medium current levels give the same illumination pattern (while this is expected, it is probably wise to test it). During the first month there are also full-frame 12 electron post flash images to test that the gain and illumination pattern of the 1K subarray matches that of the full frame image (again this is expected, but will also test).

We note that the UVIS Daily Monitor Program (13073-13077) also obtains large numbers of full-frame 12 electron post-flash images.

We do not use the bright current setting for anything, since it is only slightly brighter (about 10% brighter) than the medium current, and does not seem to justify a separate calibration effort.

The proposal has been allocated 64 orbits. So far we only use 58 orbits, with 6 orbits held in reserve in case of problems.

CALIBRATION JUSTIFICATION

The observations will be used to generate post-flash reference files for use in the calibration pipeline.

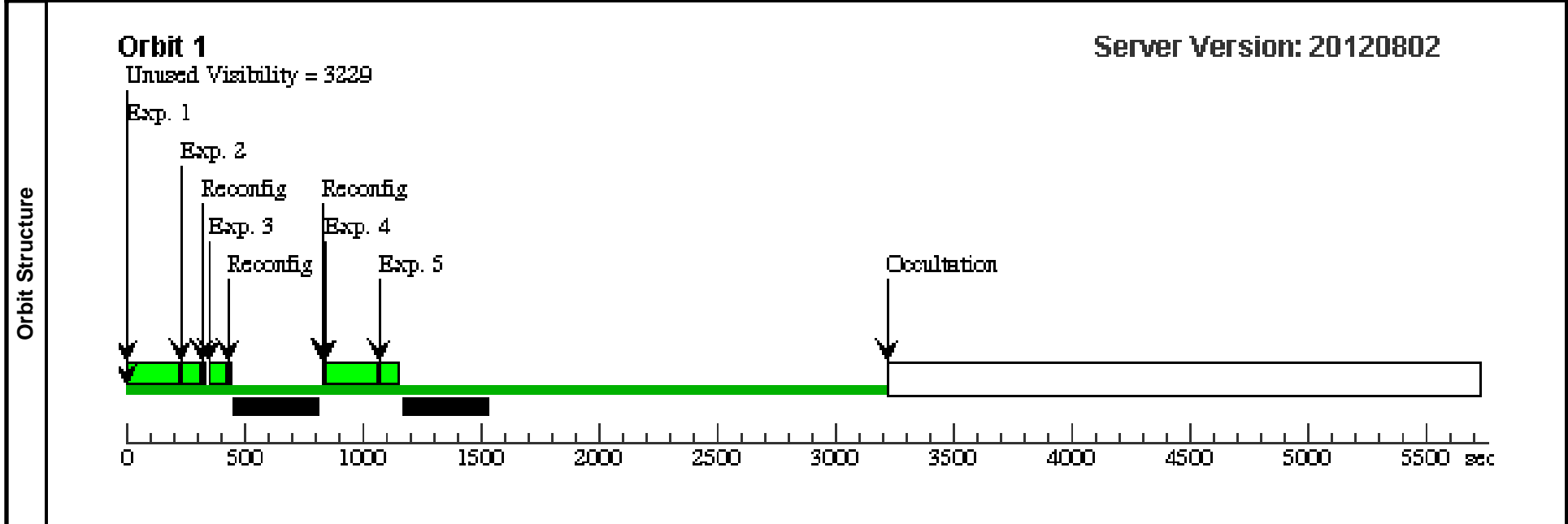
Proposal 13078 - Visit A1 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:20 GMT 2012

Visit	Proposal 13078, Visit A1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 17-NOV-2012:00:00:00 AND 24-NOV-2012:00:00:00									

Comments: Very bright flash on each shutter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]	

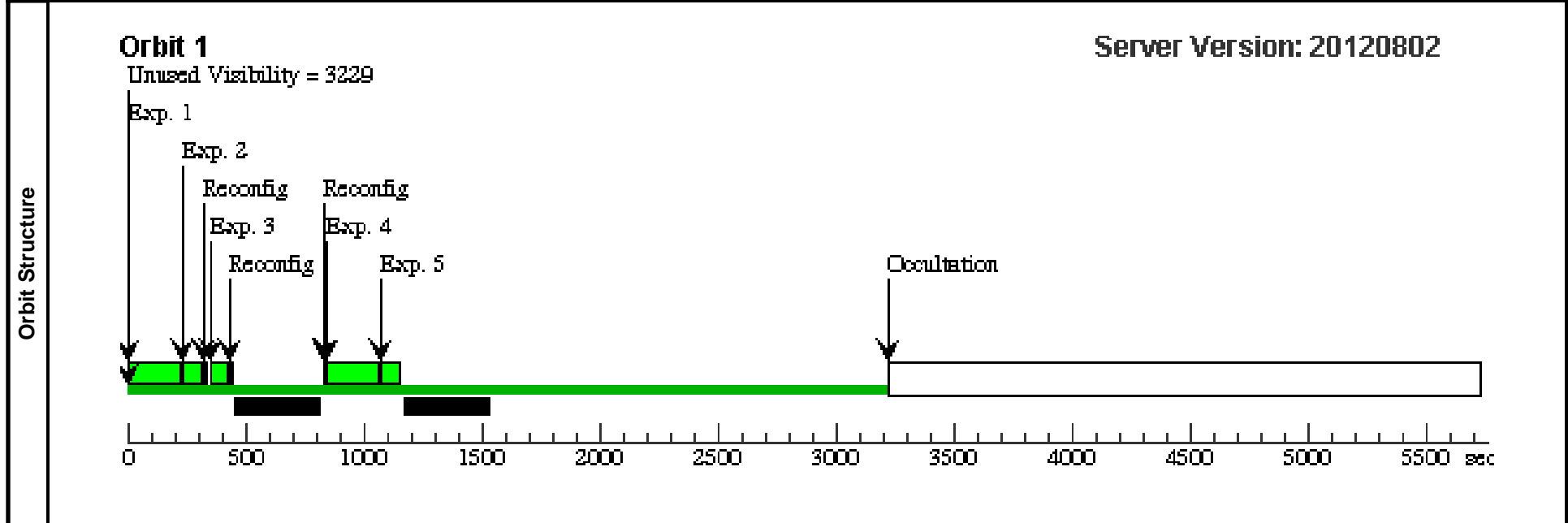


Proposal 13078 - Visit A2 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:22 GMT 2012

Visit	Proposal 13078, Visit A2									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP A2,A1 WITHIN 1D <i>Comments: Very bright flash on each shutter</i>									

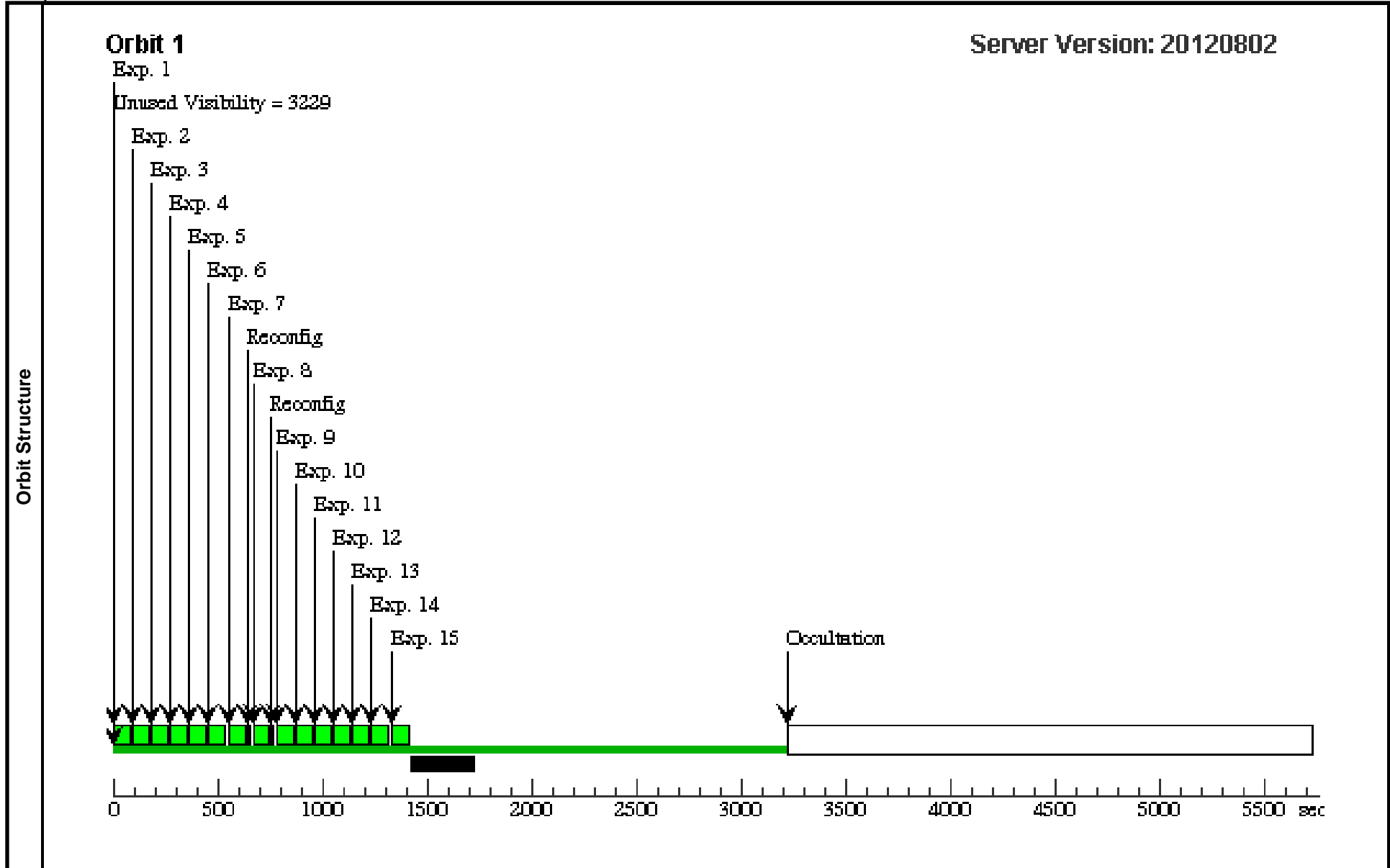
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit A3 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:23 GMT 2012

Visit	Proposal 13078, Visit A3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP A3,A1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

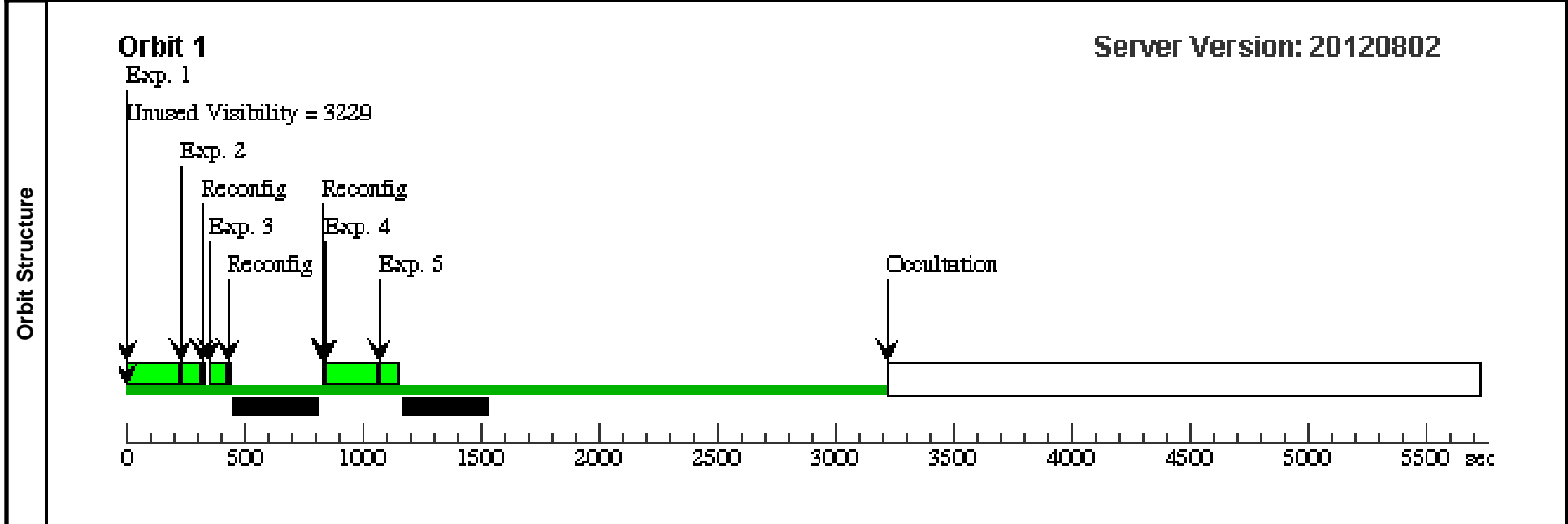


Proposal 13078 - Visit A4 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:24 GMT 2012

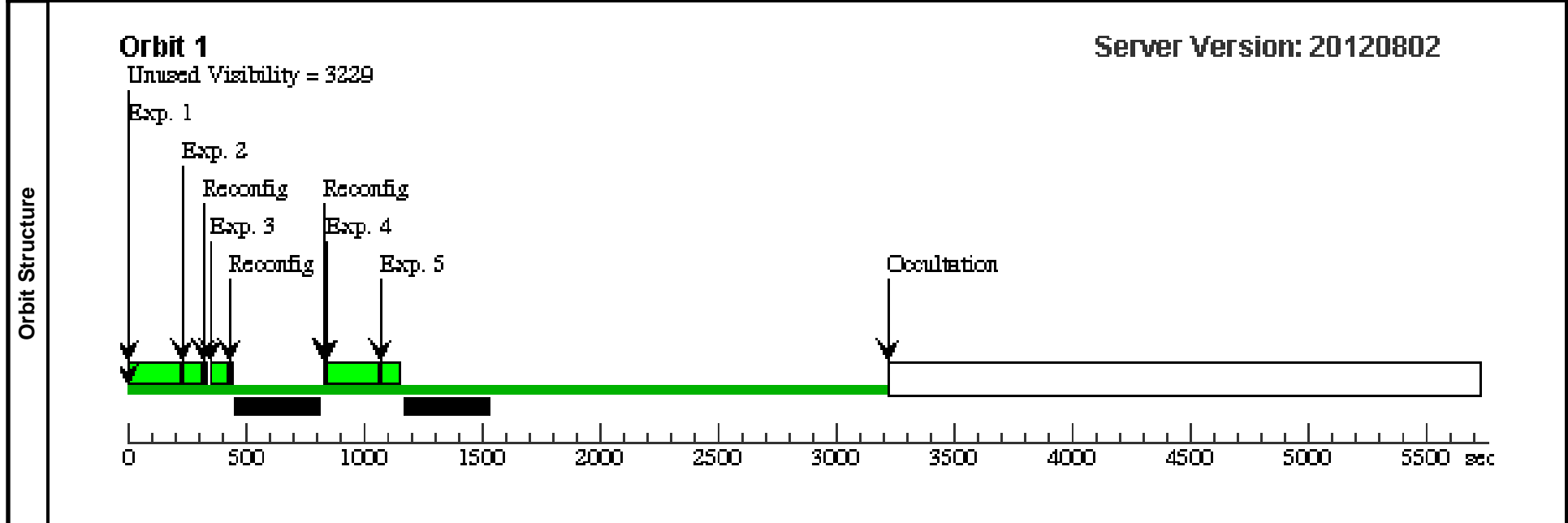
Visit	Proposal 13078, Visit A4								
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP A4,A1 WITHIN 3D Comments: Very bright flash on each shutter								

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Visit	Proposal 13078, Visit A5									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP A5,A1 WITHIN 3D Comments: <i>Very bright flash on each shutter</i>									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit A6 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:26 GMT 2012

Visit	Proposal 13078, Visit A6									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP A6,A1 WITHIN 4D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs [==>]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			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 [==>]	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			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 [==>]	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			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 [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Exp. 1

Unused Visibility = 3229

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Reconfig

Exp. 8

Reconfig

Exp. 9

Exp. 10

Exp. 11

Exp. 12

Exp. 13

Exp. 14

Exp. 15

Occultation

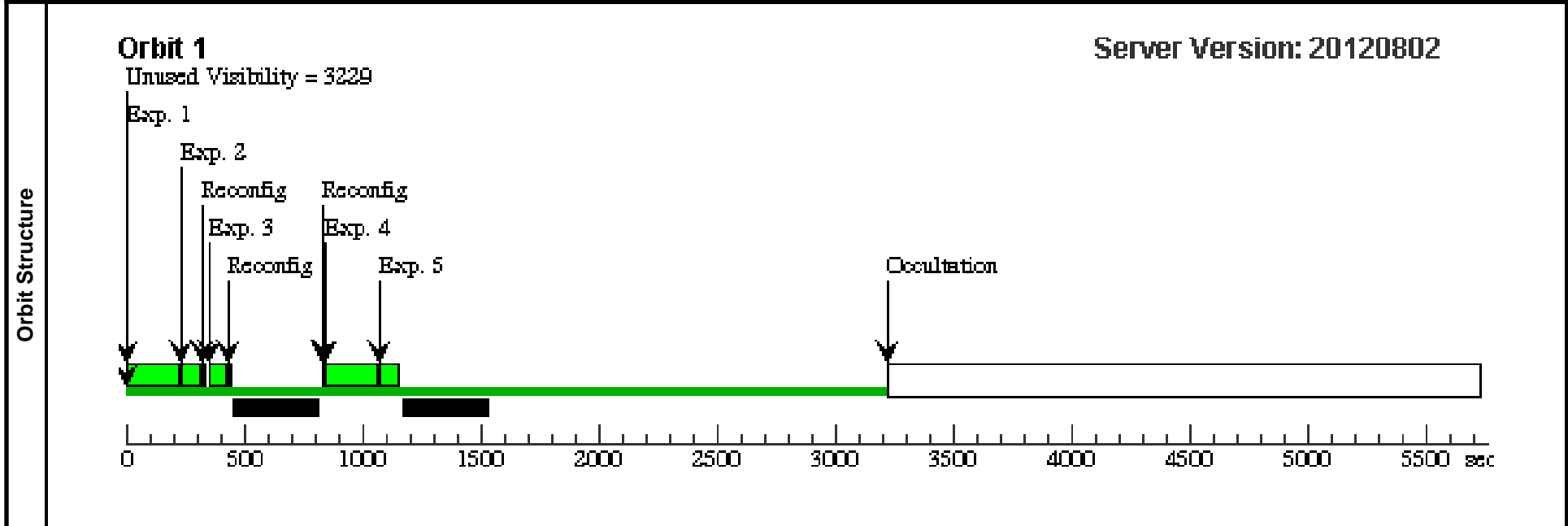


Proposal 13078 - Visit A7 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:27 GMT 2012

Visit	Proposal 13078, Visit A7									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP A7,A1 WITHIN 1D									
	<i>Comments: Medium bright flash on each shutter</i>									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=100			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 [==>]	[1]	

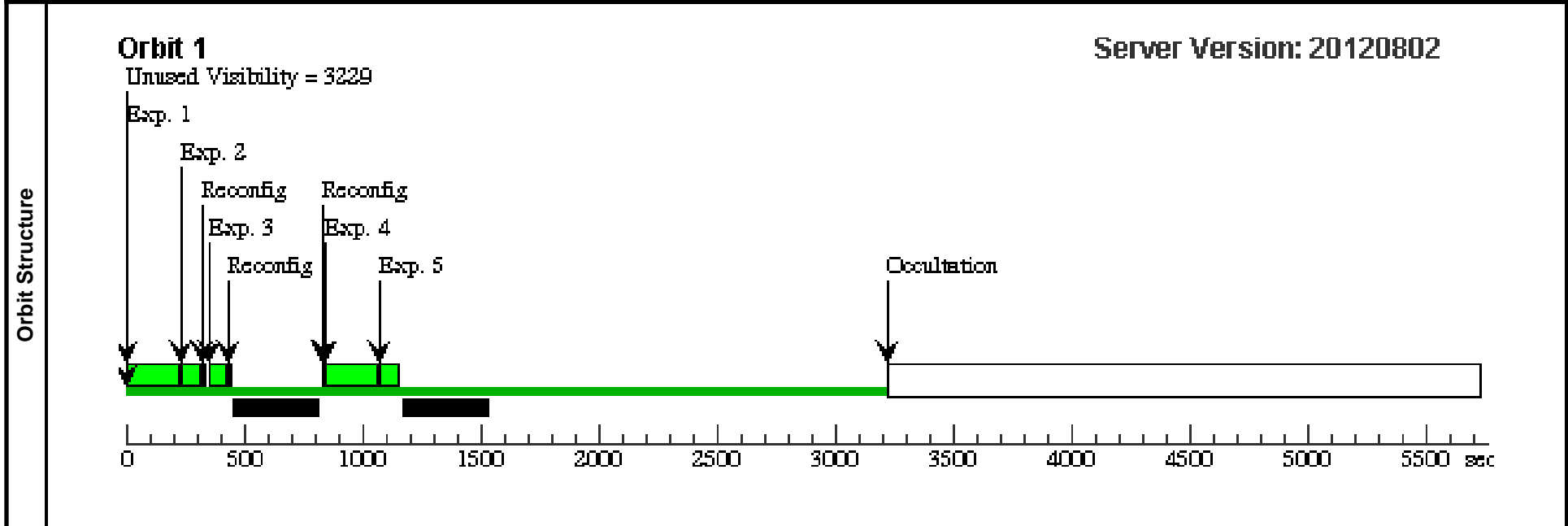


Proposal 13078 - Visit A8 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:28 GMT 2012

Visit	Proposal 13078, Visit A8									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP A8,A1 WITHIN 1D									
	<i>Comments: Medium bright flash on each shutter</i>									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=100			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 [==>]	[1]	

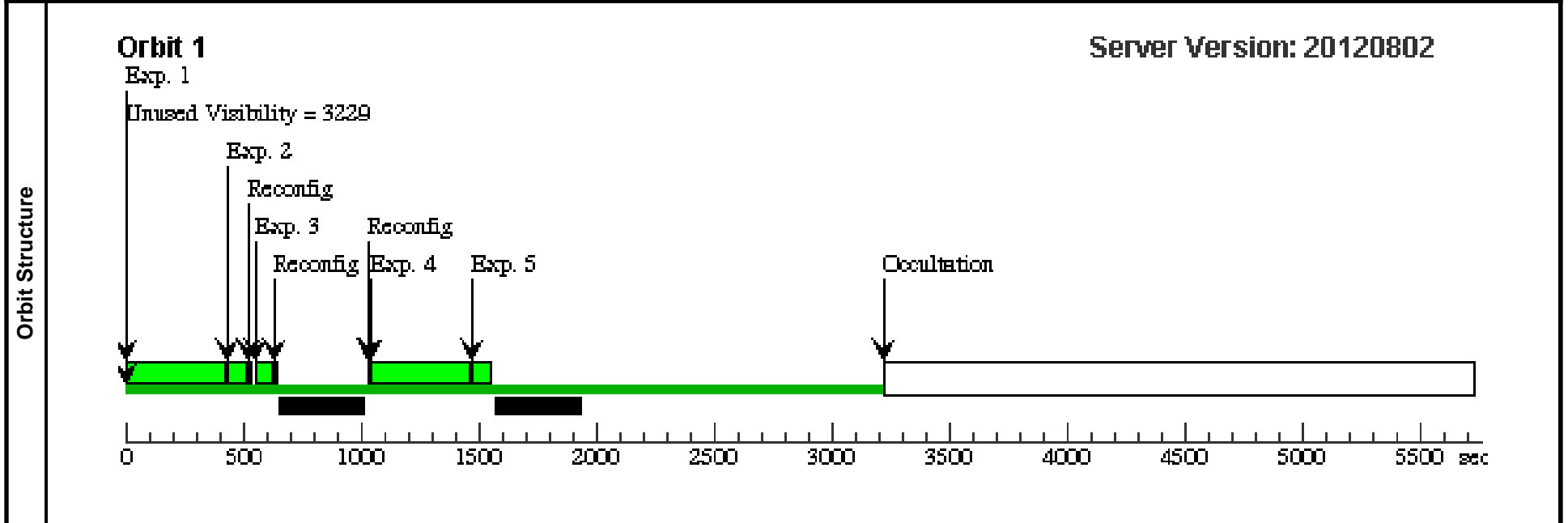


Visit	Proposal 13078, Visit A9 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: GROUP A9,A1 WITHIN 2D <i>Comments: Medium bright flash on each shutter</i>									
	Diagnostics (Visit A9) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]	
Orbit Structure	<p>Orbit 1 Unused Visibility = 3229</p> <p>The diagram shows a timeline for Orbit 1. The x-axis represents time in seconds from 0 to 5500. Key events are marked with vertical arrows: Exp. 1 at ~100s, Reconfig at ~200s, Exp. 2 at ~300s, Reconfig at ~400s, Exp. 3 at ~500s, Reconfig at ~600s, Exp. 4 at ~1000s, Reconfig at ~1100s, and Exp. 5 at ~1500s. A long occultation period begins at ~3200s and ends at ~5500s. Green bars on the timeline indicate the duration of each exposure. Black bars below the green bars indicate periods of occultation.</p> <p style="text-align: right;">Server Version: 20120802</p>									

Visit	<p>Proposal 13078, Visit AA</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: GROUP AA,A1 WITHIN 2D</p> <p><i>Comments: Medium bright flash on each shutter</i></p>
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Diagnostics	(Visit AA) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]
3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
4	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]



Visit	Proposal 13078, Visit AB Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: GROUP AB,A1 WITHIN 3D <i>Comments: Medium bright flash on each shutter</i>									
	Diagnostics (Visit AB) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]	
Orbit Structure	<p>Orbit 1 Unused Visibility = 3229</p> <p>The diagram shows a timeline for Orbit 1. The x-axis represents time in seconds from 0 to 5500. Key events are marked with vertical arrows: Exp. 1 at ~100s, Reconfig at ~200s, Exp. 2 at ~300s, Reconfig at ~400s, Exp. 3 at ~500s, Reconfig at ~600s, Exp. 4 at ~1000s, Reconfig at ~1100s, Exp. 5 at ~1500s, and Occultation at ~3200s. Green bars represent exposure durations, and black bars represent reconfiguration periods. A long white bar indicates the occultation period starting at 3200s.</p> <p style="text-align: right;">Server Version: 20120802</p>									

Visit	Proposal 13078, Visit AC Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: GROUP AC,A1 WITHIN 3D Comments: Medium bright flash on each shutter									
	(Visit AC) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]	
Orbit Structure	<p>Orbit 1 Unused Visibility = 3229</p> <p>The diagram shows a timeline for Orbit 1. The x-axis represents time in seconds from 0 to 5500. A green bar at the bottom indicates the total duration of the orbit. Key events are marked with vertical arrows: Exp. 1 at ~100s, Reconfig at ~200s, Exp. 2 at ~300s, Reconfig at ~400s, Exp. 3 at ~500s, Reconfig at ~600s, Exp. 4 at ~1000s, Reconfig at ~1100s, Exp. 5 at ~1500s, and Occultation at ~3200s. Black bars below the green bar indicate periods of occultation or instrument downtime.</p> <p style="text-align: right;">Server Version: 20120802</p>									

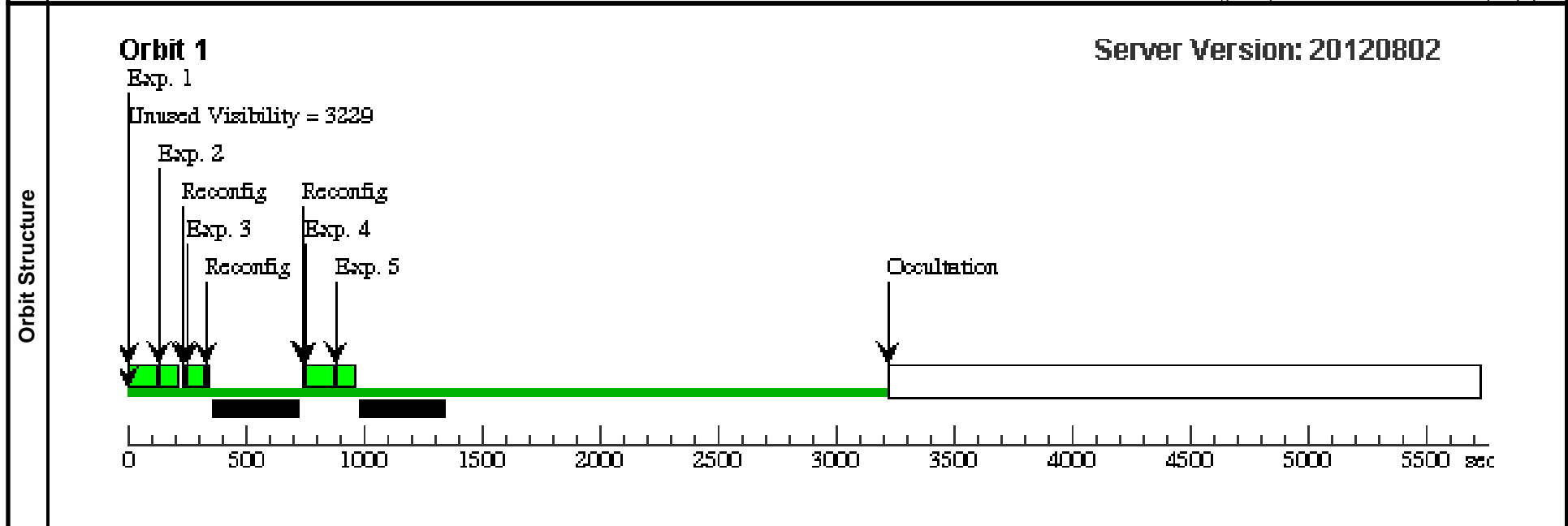
Proposal 13078 - Visit AD - UVIS Post-Flash Monitor

Wed Oct 24 01:26:33 GMT 2012

Visit	Proposal 13078, Visit AD									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP AD,A1 WITHIN 1D; SEQ A1,AD WITHIN 1 D									

Comments: Full frame 12 e- flash on each shutter

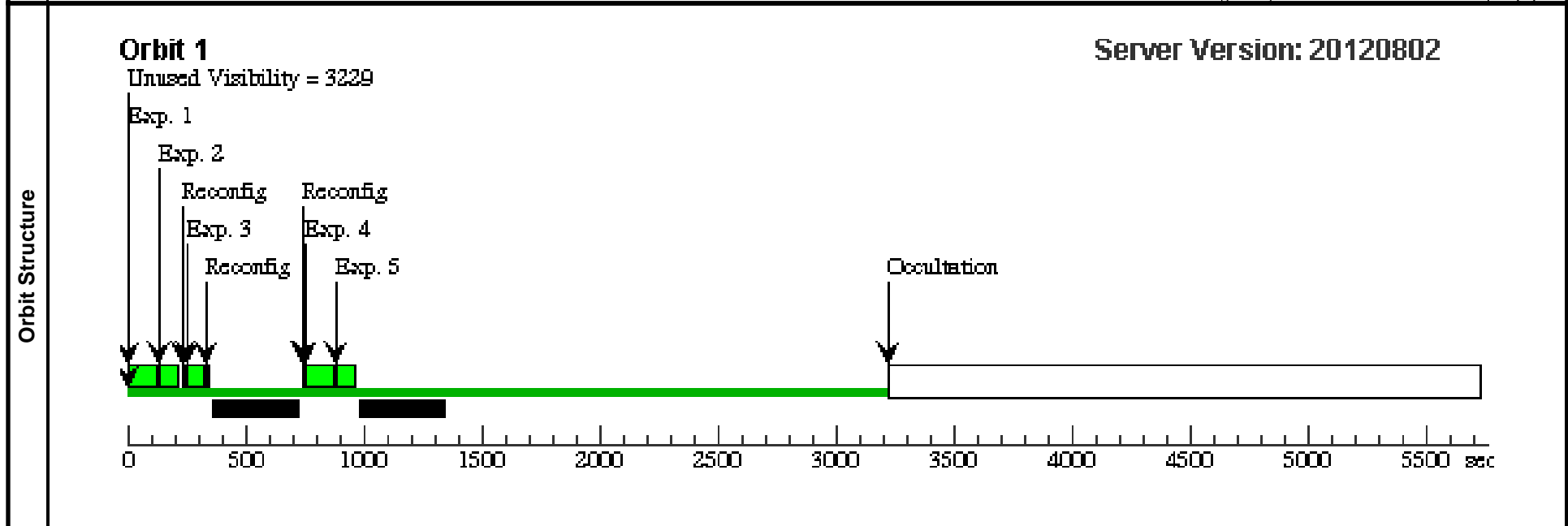
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Full-frame 1 2 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
3		Toggle Shutt er	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
4		Full-frame 1 2 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASH=12			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 [==>]	[1]



Visit	Proposal 13078, Visit AE									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 17-NOV-2012:00:00:00 AND 24-NOV-2012:00:00:00; GROUP AE,A1 WITHIN 1D; SEQ A1,AE WITHIN 1 D									

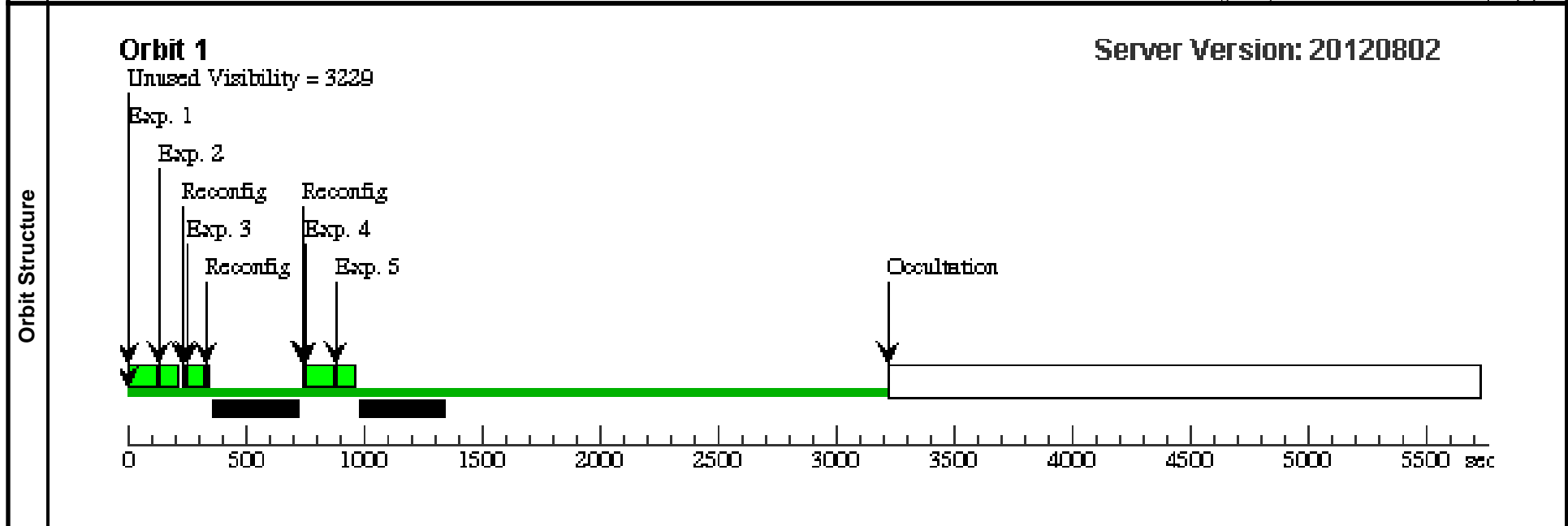
Comments: Full frame 12 e- flash on each shutter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Full-frame 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
3		Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
4		Full-frame 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASH=12			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 [==>]	[1]



Visit	Proposal 13078, Visit AF									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP AF,A1 WITHIN 2D; SEQ A1,AF WITHIN 2 D									
<i>Comments: Full frame 12 e- flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Full-frame 1 2 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
3		Toggle Shutt er	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
4		Full-frame 1 2 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASH=12			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 [==>]	[1]

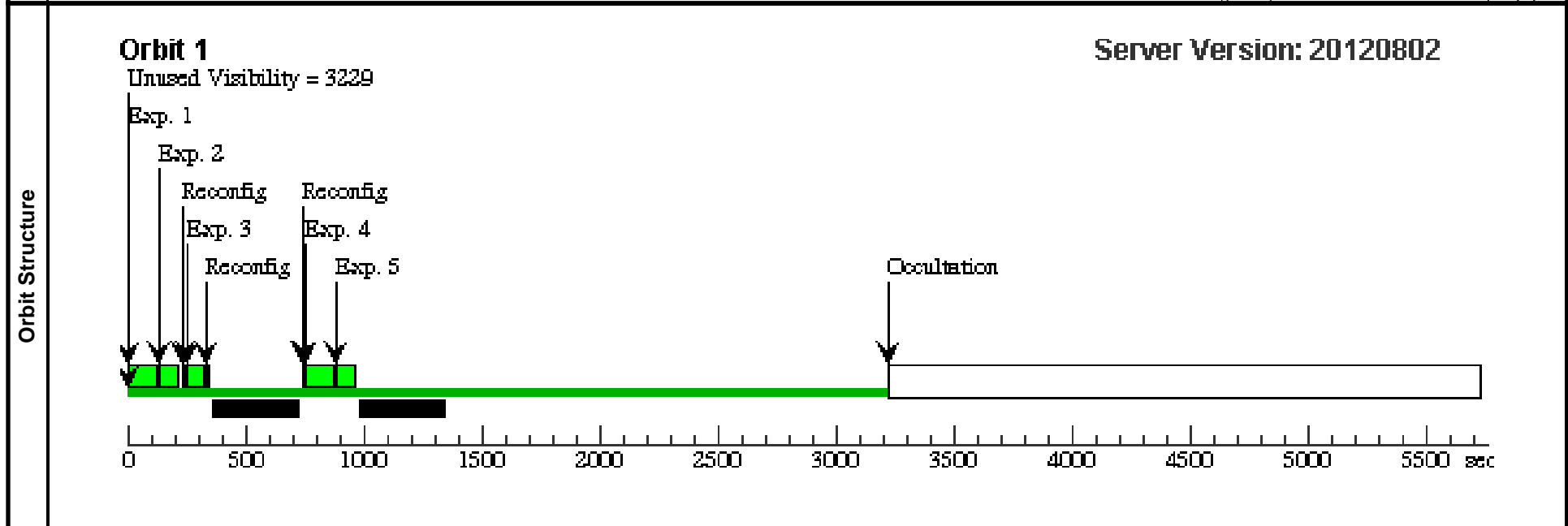


Proposal 13078 - Visit AG - UVIS Post-Flash Monitor

Wed Oct 24 01:26:36 GMT 2012

Visit	Proposal 13078, Visit AG									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP AG,A1 WITHIN 2D; SEQ A1,AG WITHIN 2 D									
<i>Comments: Full frame 12 e-flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Full-frame 1 2 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]
2		Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
3		Toggle Shutt er	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
4		Full-frame 1 2 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASH=12			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 [==>]	[1]

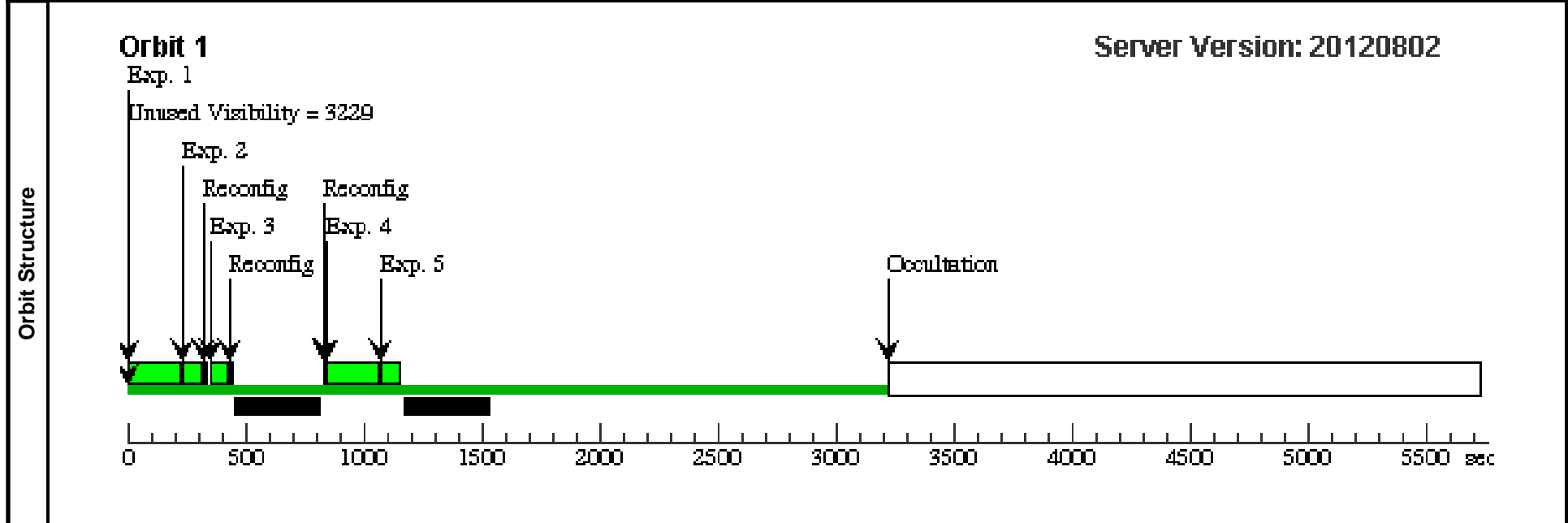


Proposal 13078 - Visit B1 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:37 GMT 2012

Visit	Proposal 13078, Visit B1								
	Diagnostic Status: No Diagnostics								
	Scientific Instruments: WFC3/UVIS								
	Special Requirements: BETWEEN 15-DEC-2012:00:00:00 AND 23-DEC-2012:00:00:00								
<i>Comments: Very bright flash on each shutter</i>									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]

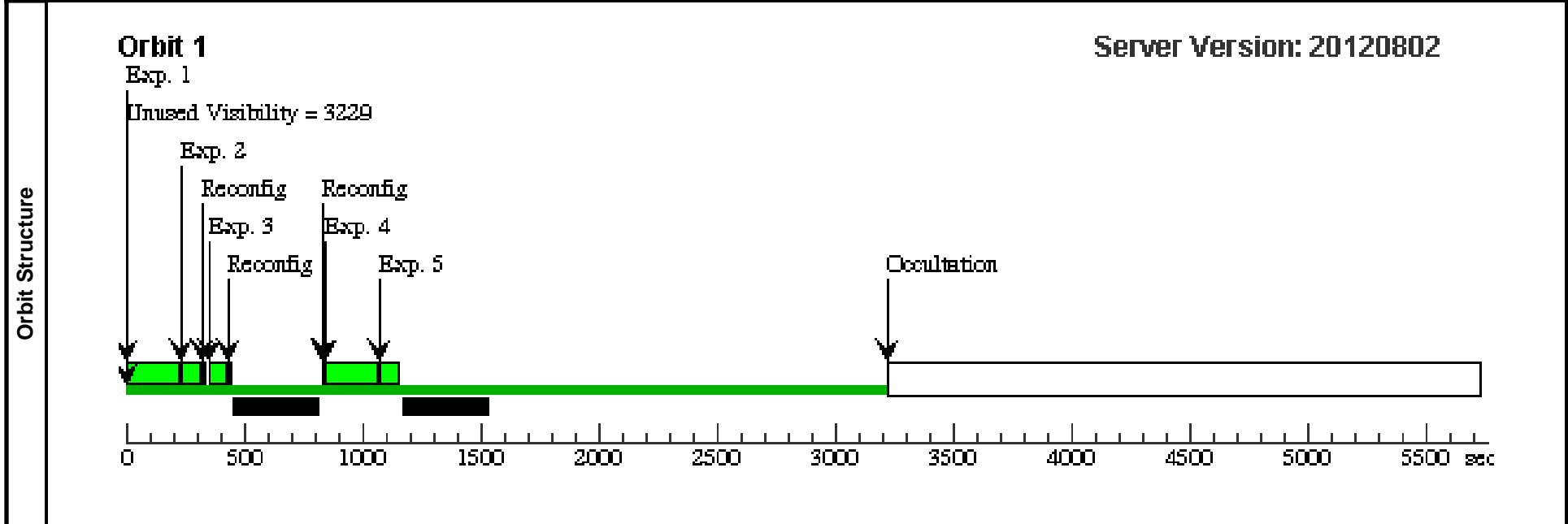


Proposal 13078 - Visit B2 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:37 GMT 2012

Visit	Proposal 13078, Visit B2 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP B2,B1 WITHIN 1D Comments: <i>Very bright flash on each shutter</i>								

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit B3 - UVIS Post-Flash Monitor

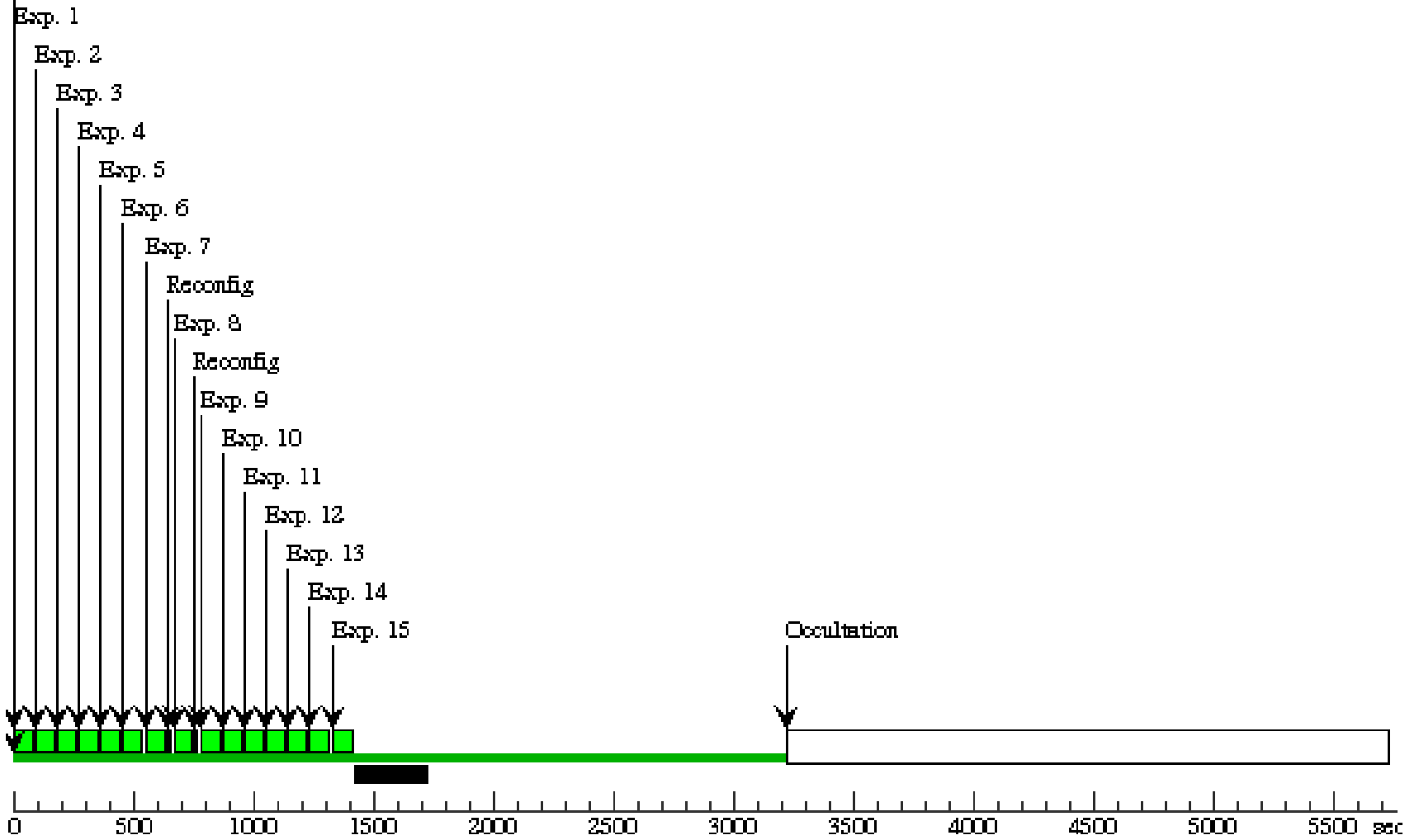
Wed Oct 24 01:26:38 GMT 2012

Visit	Proposal 13078, Visit B3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP B3,B1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs [==>]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			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 [==>]	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			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 [==>]	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			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 [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Unused Visibility = 3229

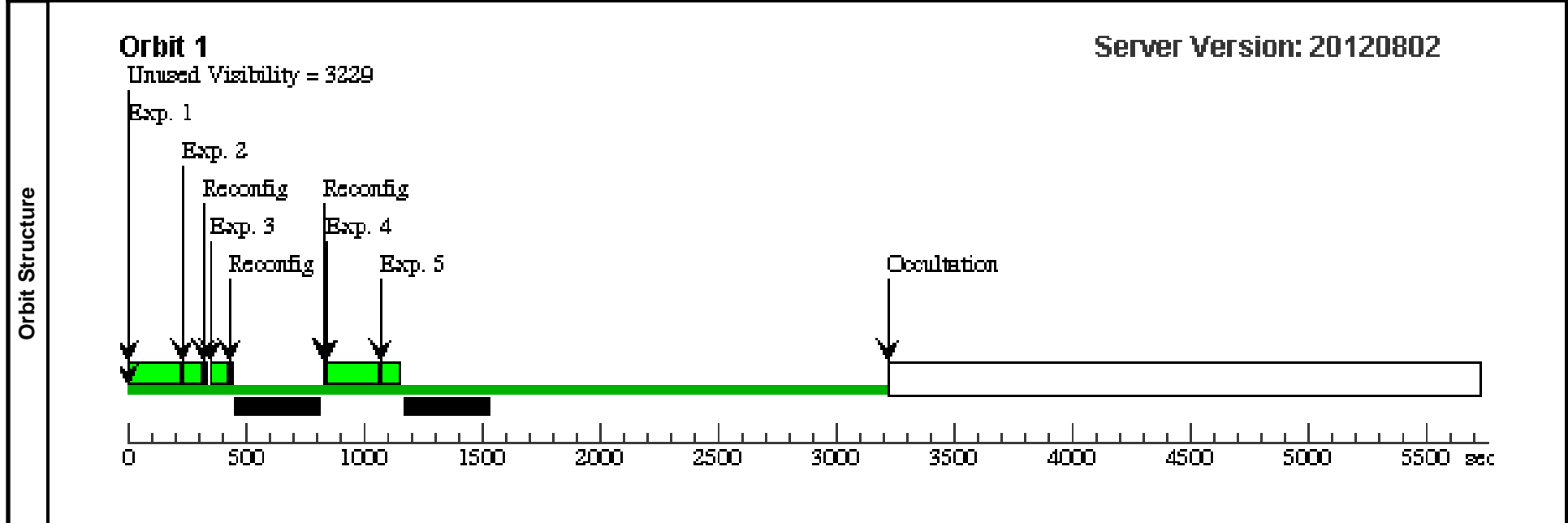


Proposal 13078 - Visit C1 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:39 GMT 2012

Visit	Proposal 13078, Visit C1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 12-JAN-2013:00:00:00 AND 20-JAN-2013:00:00:00									
<i>Comments: Very bright flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]	

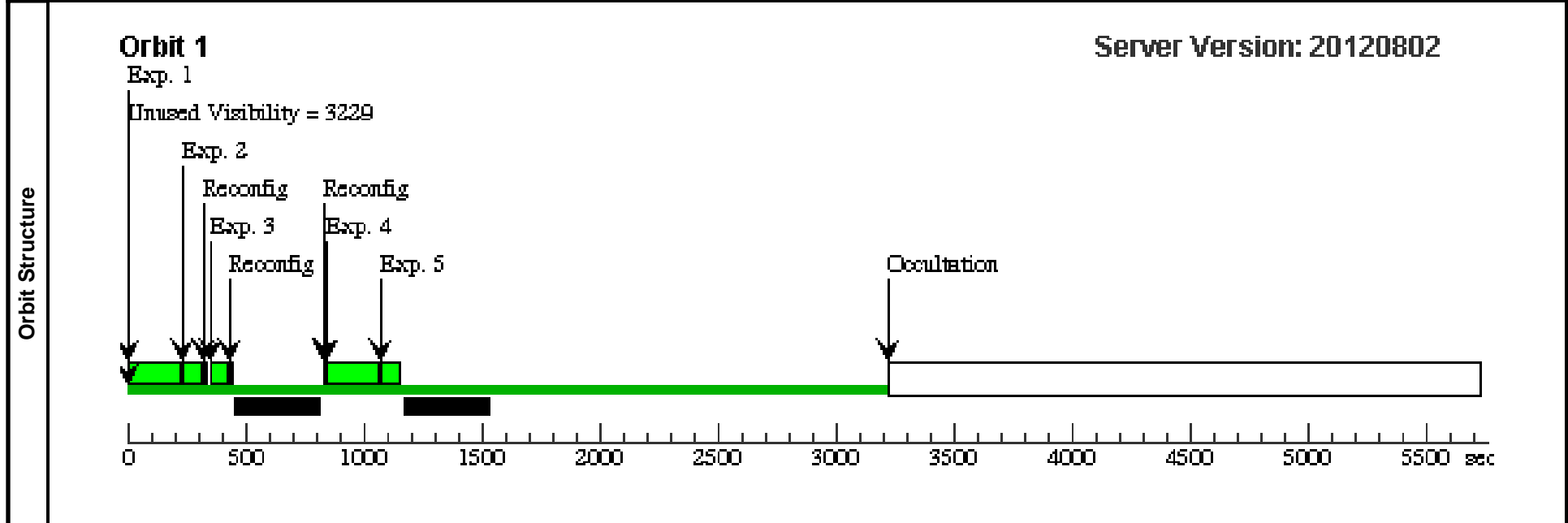


Proposal 13078 - Visit C2 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:40 GMT 2012

Visit	Proposal 13078, Visit C2									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP C2,C1 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/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit C3 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:41 GMT 2012

Visit	Proposal 13078, Visit C3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP C3,C1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs [==>]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			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 [==>]	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			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 [==>]	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			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 [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Exp. 1

Unused Visibility = 3229

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Reconfig

Exp. 8

Reconfig

Exp. 9

Exp. 10

Exp. 11

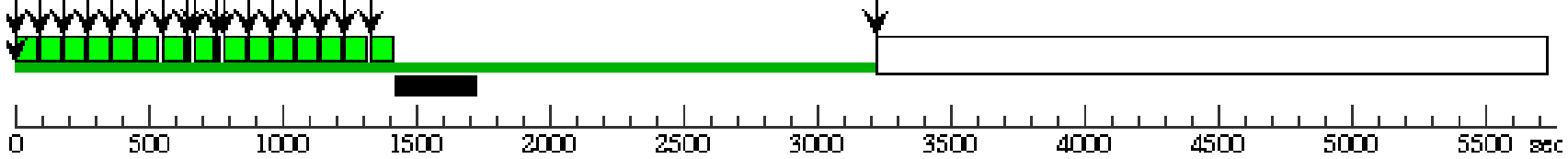
Exp. 12

Exp. 13

Exp. 14

Exp. 15

Occultation

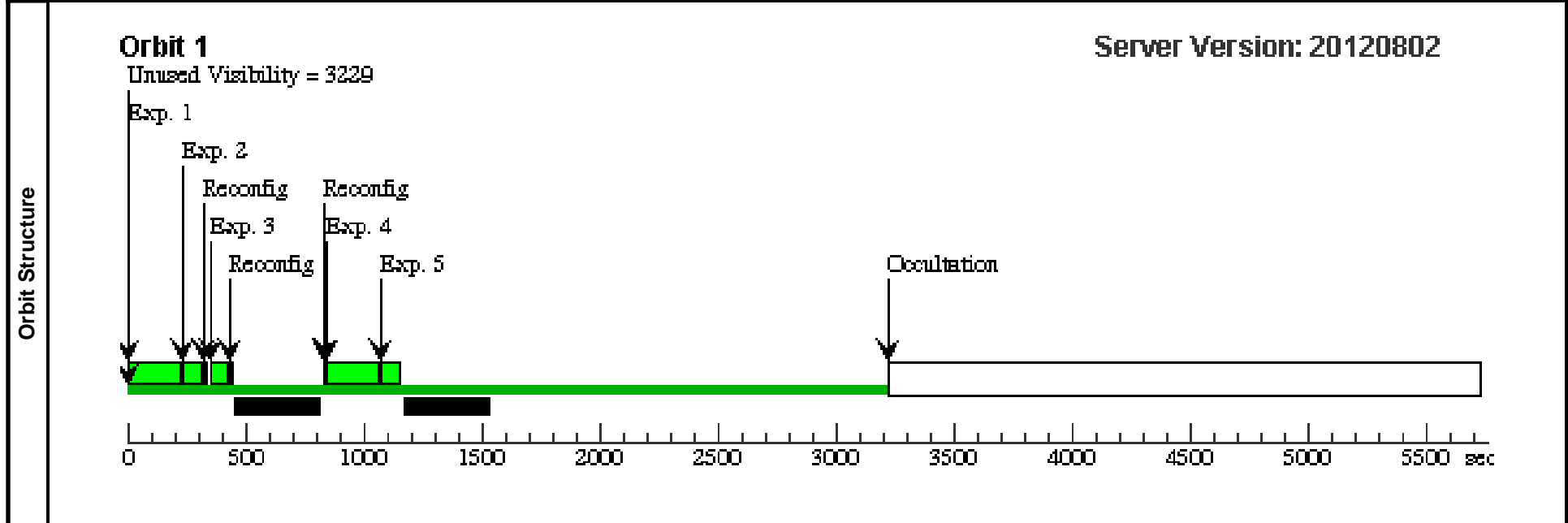


Proposal 13078 - Visit D1 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:42 GMT 2012

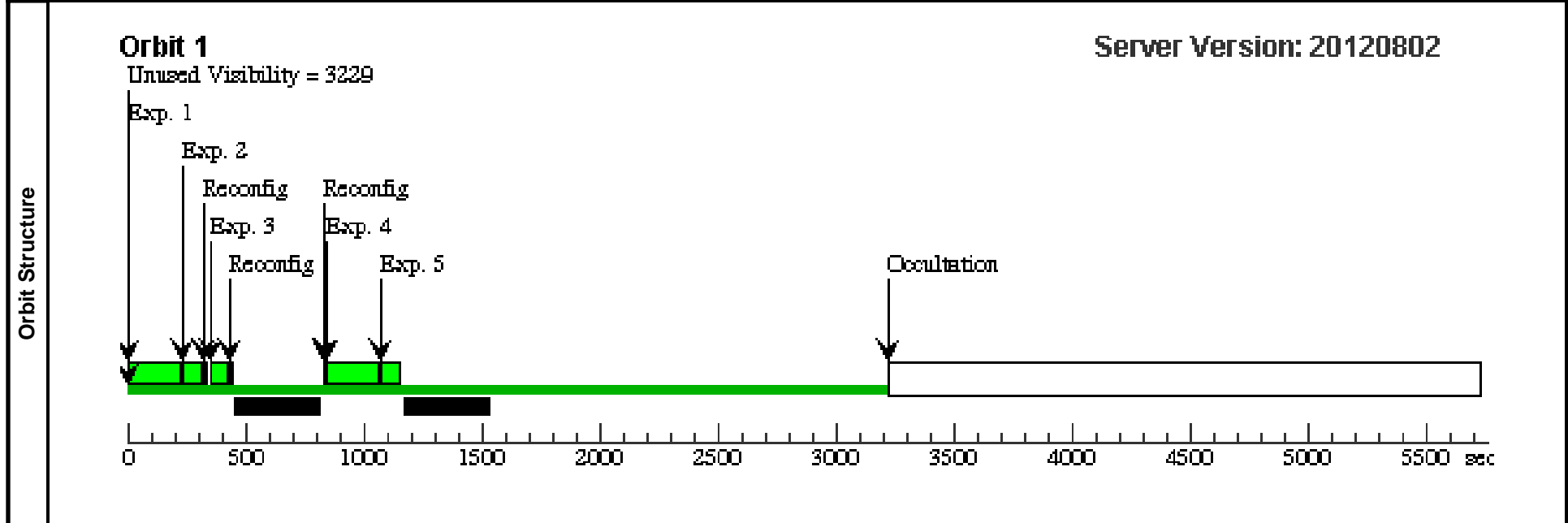
Visit	Proposal 13078, Visit D1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 09-FEB-2013:00:00:00 AND 17-FEB-2013:00:00:00									
<i>Comments: Very bright flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Visit	Proposal 13078, Visit D2									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP D2,D1 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/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit D3 - UVIS Post-Flash Monitor

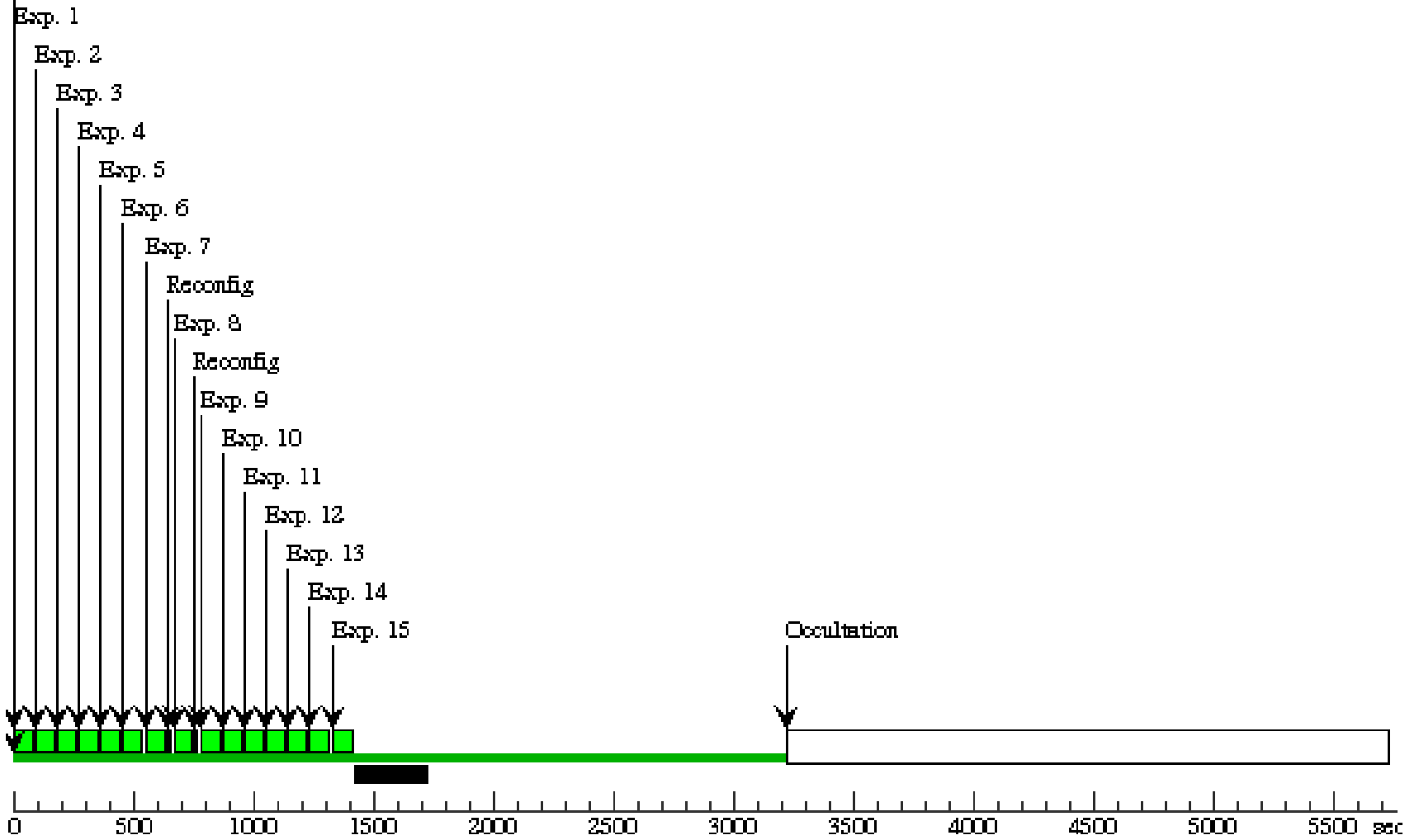
Wed Oct 24 01:26:43 GMT 2012

Visit	Proposal 13078, Visit D3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP D3,D1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Unused Visibility = 3229

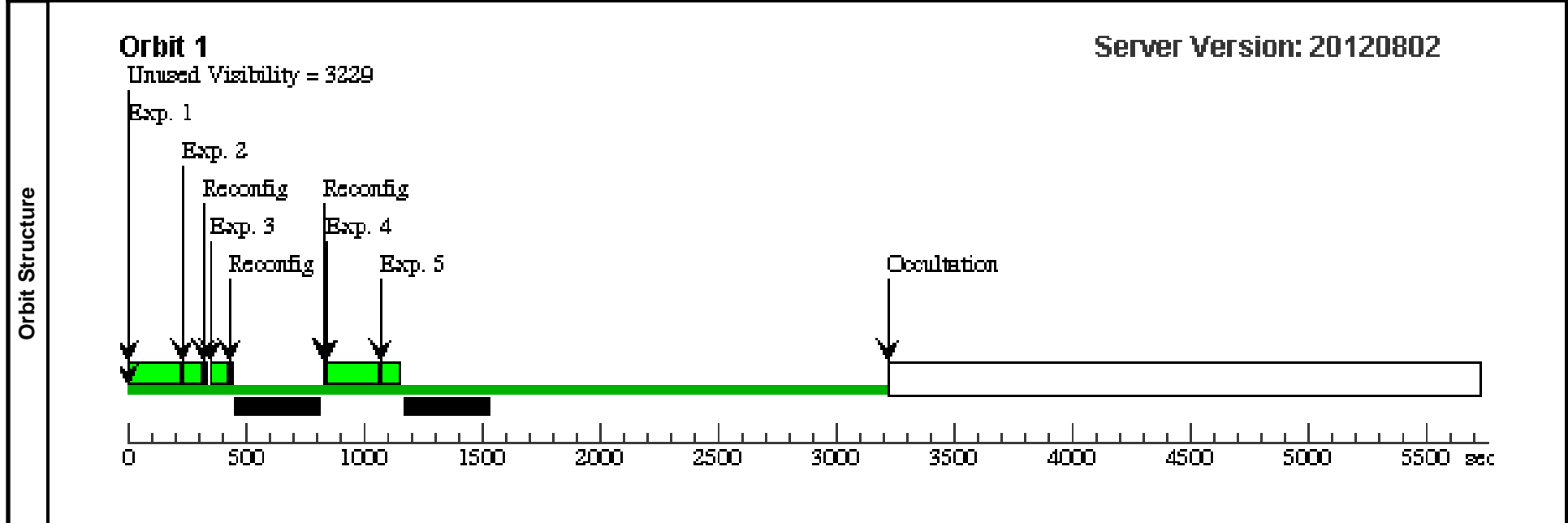


Proposal 13078 - Visit E1 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:45 GMT 2012

Visit	Proposal 13078, Visit E1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 09-MAR-2013:00:00:00 AND 17-MAR-2013:00:00:00									
<i>Comments: Very bright flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]

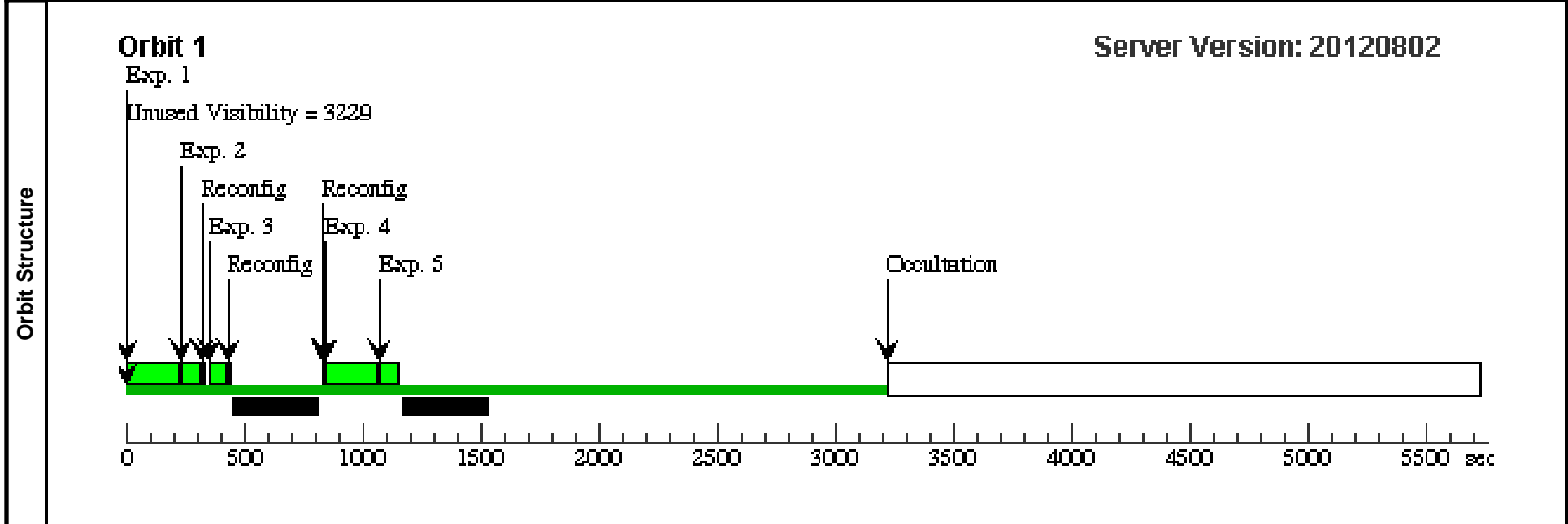


Proposal 13078 - Visit E2 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:45 GMT 2012

Visit	Proposal 13078, Visit E2									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP E2,E1 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/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit E3 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:46 GMT 2012

Visit	Proposal 13078, Visit E3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP E3,E1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Exp. 1

Unused Visibility = 3229

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Reconfig

Exp. 8

Reconfig

Exp. 9

Exp. 10

Exp. 11

Exp. 12

Exp. 13

Exp. 14

Exp. 15

Occultation

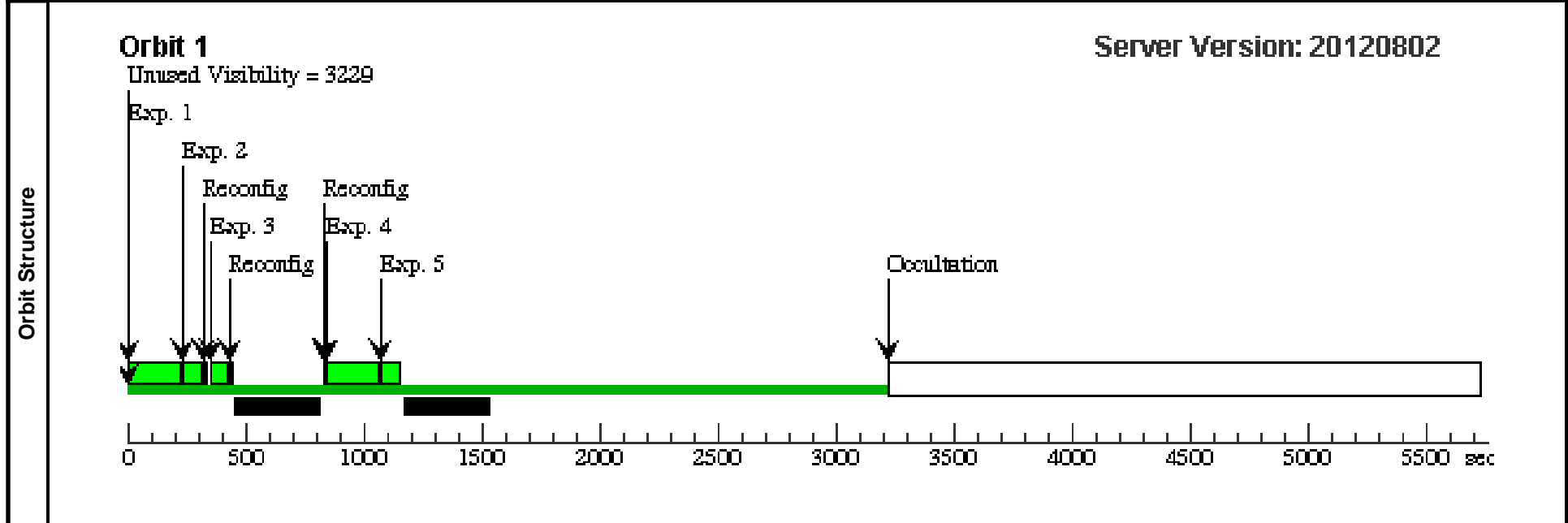


Proposal 13078 - Visit F1 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:47 GMT 2012

Visit	Proposal 13078, Visit F1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 06-APR-2013:00:00:00 AND 14-APR-2013:00:00:00									
<i>Comments: Very bright flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]

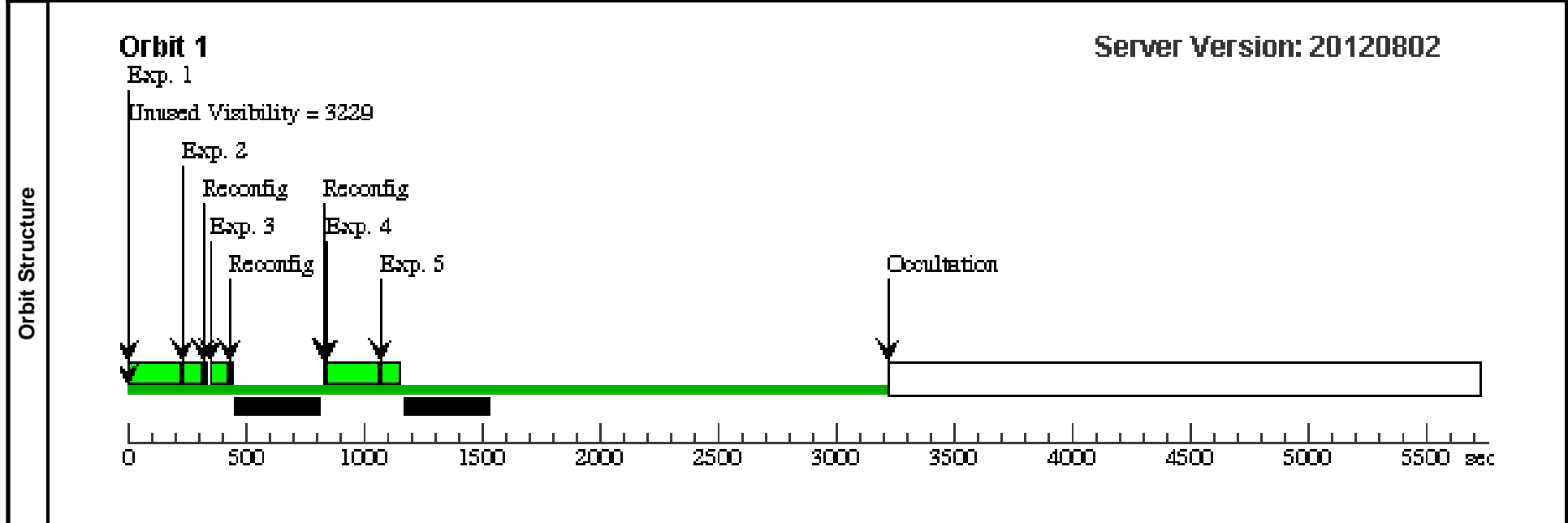


Proposal 13078 - Visit F2 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:48 GMT 2012

Visit	Proposal 13078, Visit F2									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP F2,F1 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/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit F3 - UVIS Post-Flash Monitor

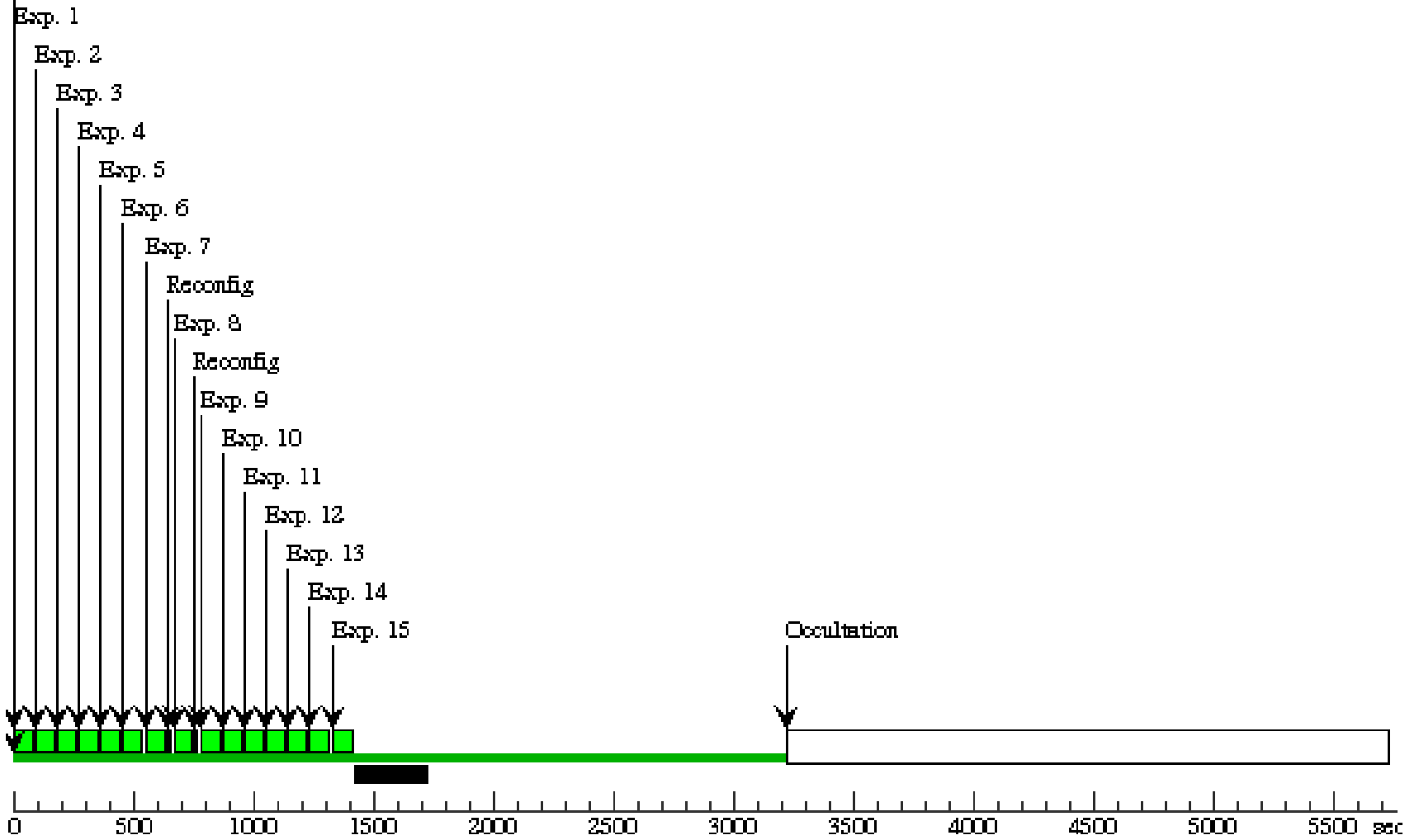
Wed Oct 24 01:26:48 GMT 2012

Visit	Proposal 13078, Visit F3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP F3,F1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Unused Visibility = 3229

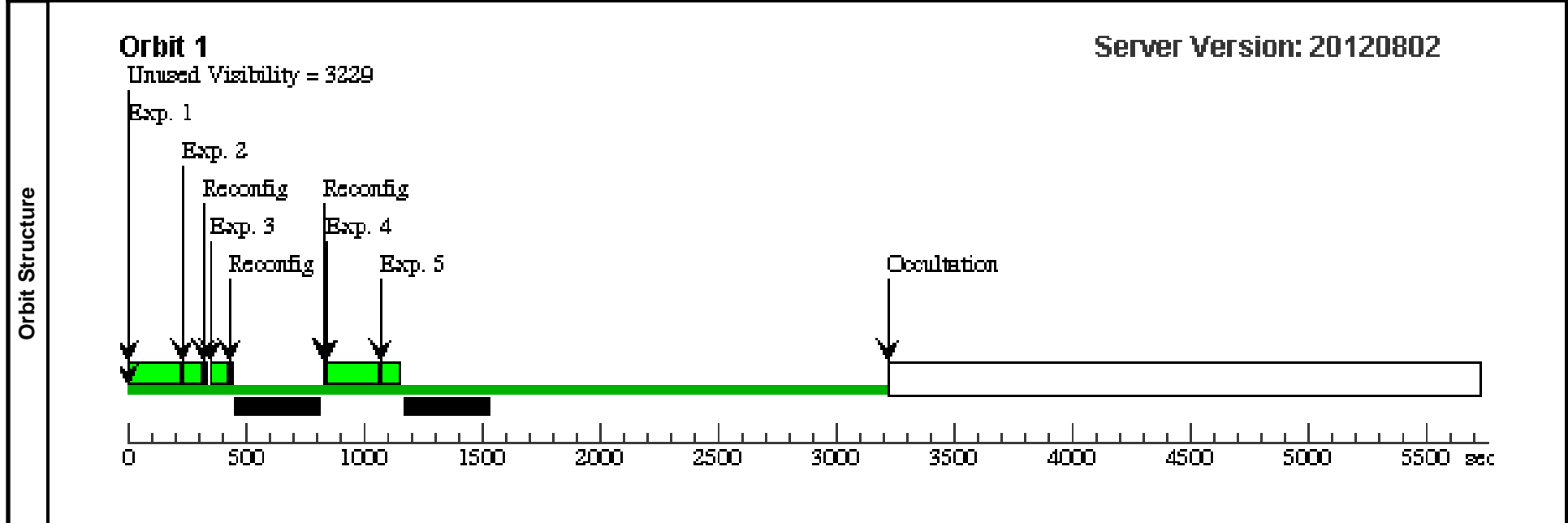


Proposal 13078 - Visit G1 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:49 GMT 2012

Visit	Proposal 13078, Visit G1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 04-MAY-2013:00:00:00 AND 12-MAY-2013:00:00:00									
<i>Comments: Very bright flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]

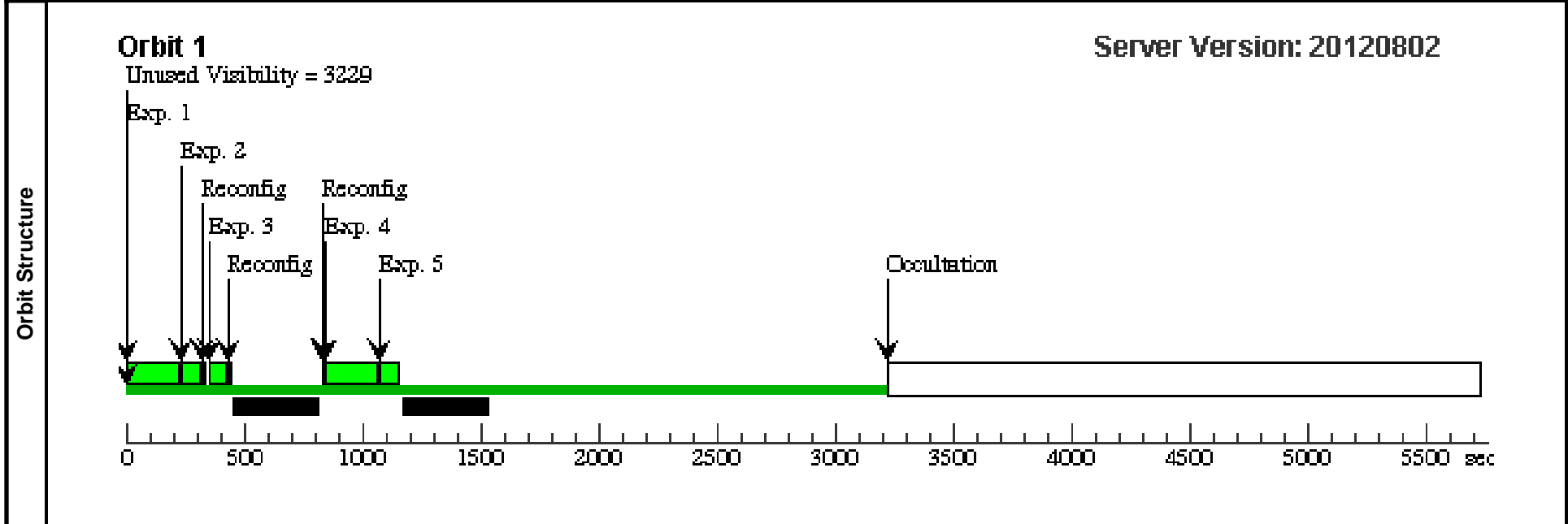


Proposal 13078 - Visit G2 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:50 GMT 2012

Visit	Proposal 13078, Visit G2									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP G2,G1 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/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]	



Proposal 13078 - Visit G3 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:51 GMT 2012

Visit	Proposal 13078, Visit G3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP G3,G1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Exp. 1

Unused Visibility = 3229

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Reconfig

Exp. 8

Reconfig

Exp. 9

Exp. 10

Exp. 11

Exp. 12

Exp. 13

Exp. 14

Exp. 15

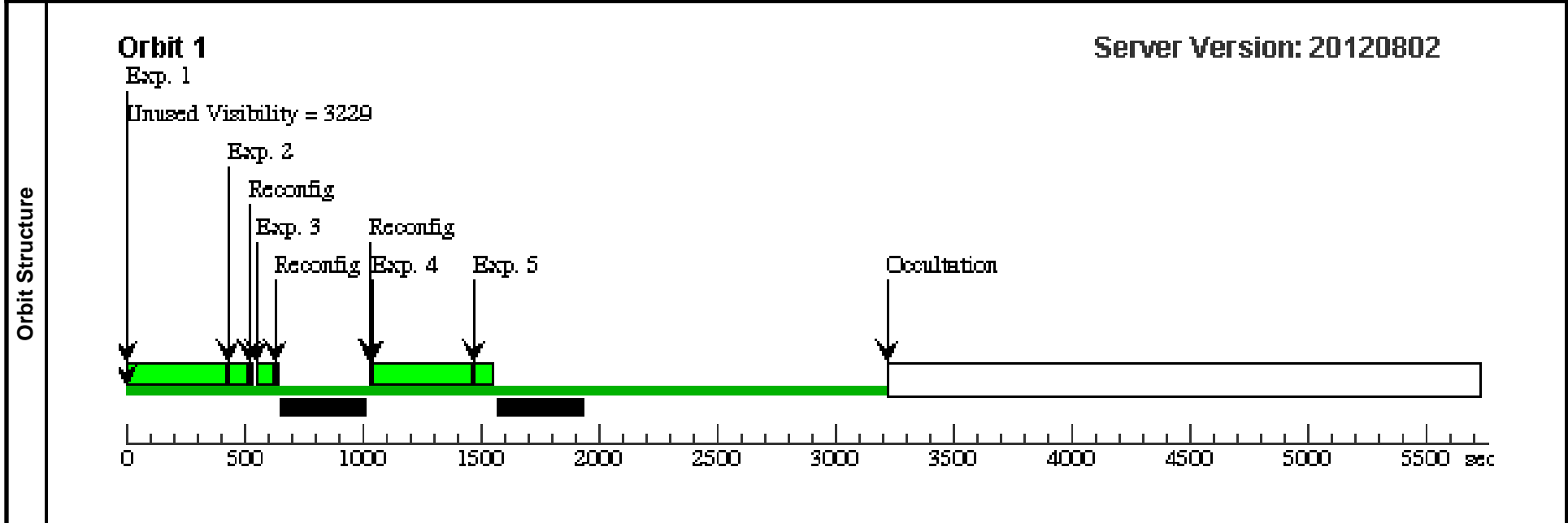
Occultation



Visit	Proposal 13078, Visit G4 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: GROUP G4,G1 WITHIN 1D <i>Comments: Medium bright flash on each shutter</i>
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Diagnostics	(Visit G4) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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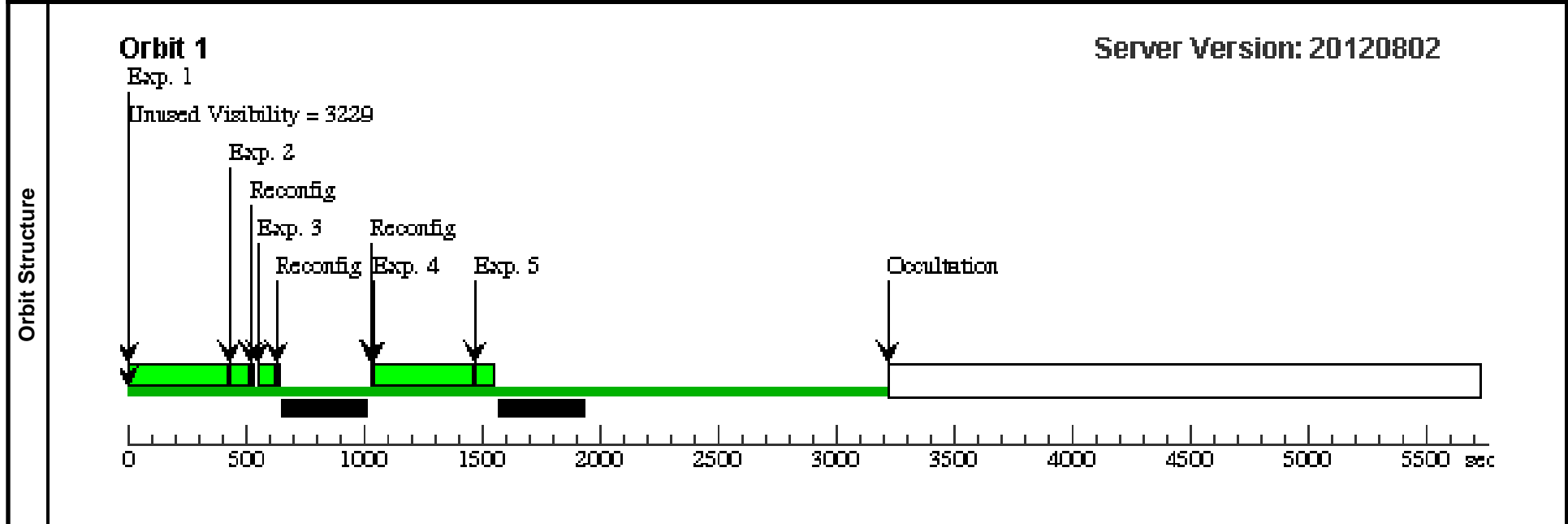
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			0.5 Secs [==>]	[1]
2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
4	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]



Visit	<p>Proposal 13078, Visit G5</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: GROUP G5,G1 WITHIN 1D</p> <p><i>Comments: Medium bright flash on each shutter</i></p>
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Diagnostics	(Visit G5) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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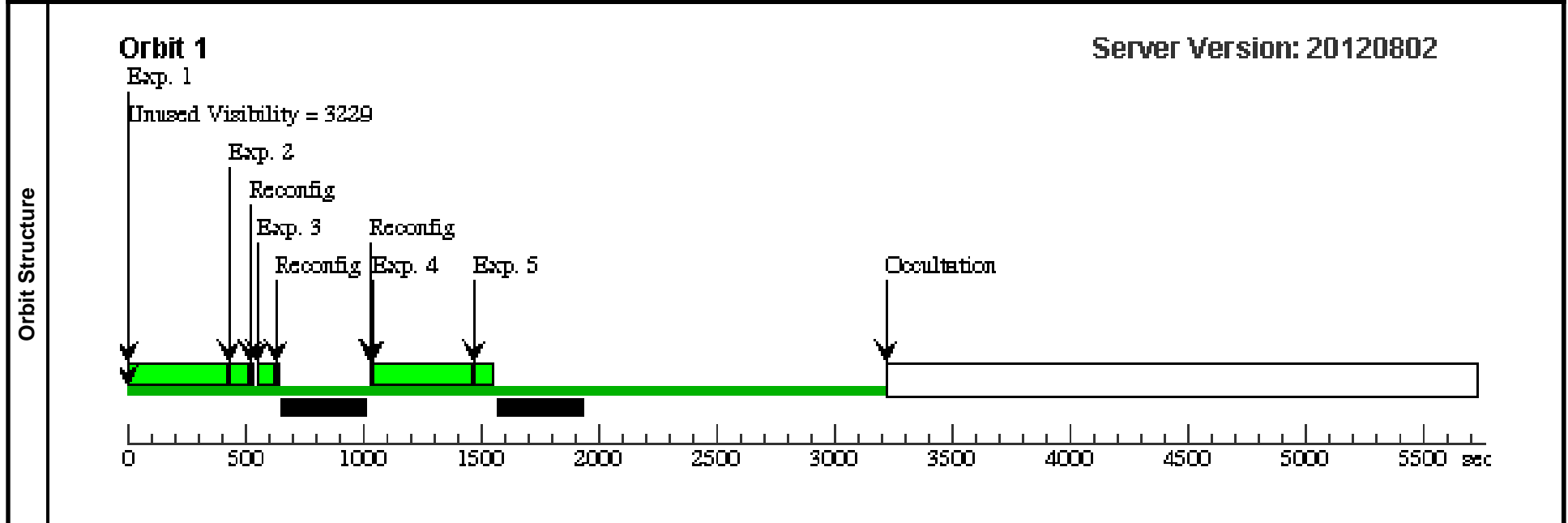
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			0.5 Secs [==>]	[1]
2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
4	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]



Visit	<p>Proposal 13078, Visit G6</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: GROUP G6,G1 WITHIN 1D</p> <p><i>Comments: Medium bright flash on each shutter</i></p>
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Diagnostics	(Visit G6) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]
3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
4	Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=LOW; FLASHEXP=300			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 [==>]	[1]

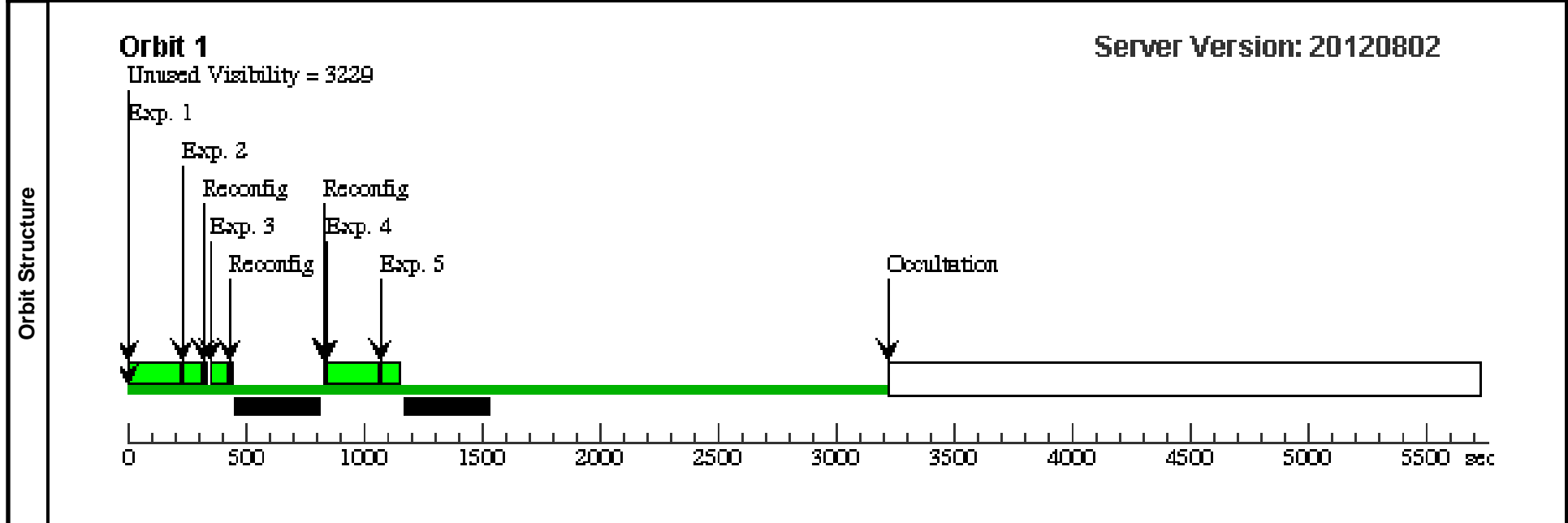


Proposal 13078 - Visit H1 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:55 GMT 2012

Visit	Proposal 13078, Visit H1									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-JUN-2013:00:00:00 AND 09-JUN-2013:00:00:00 Comments: Very bright flash on each shutter									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]

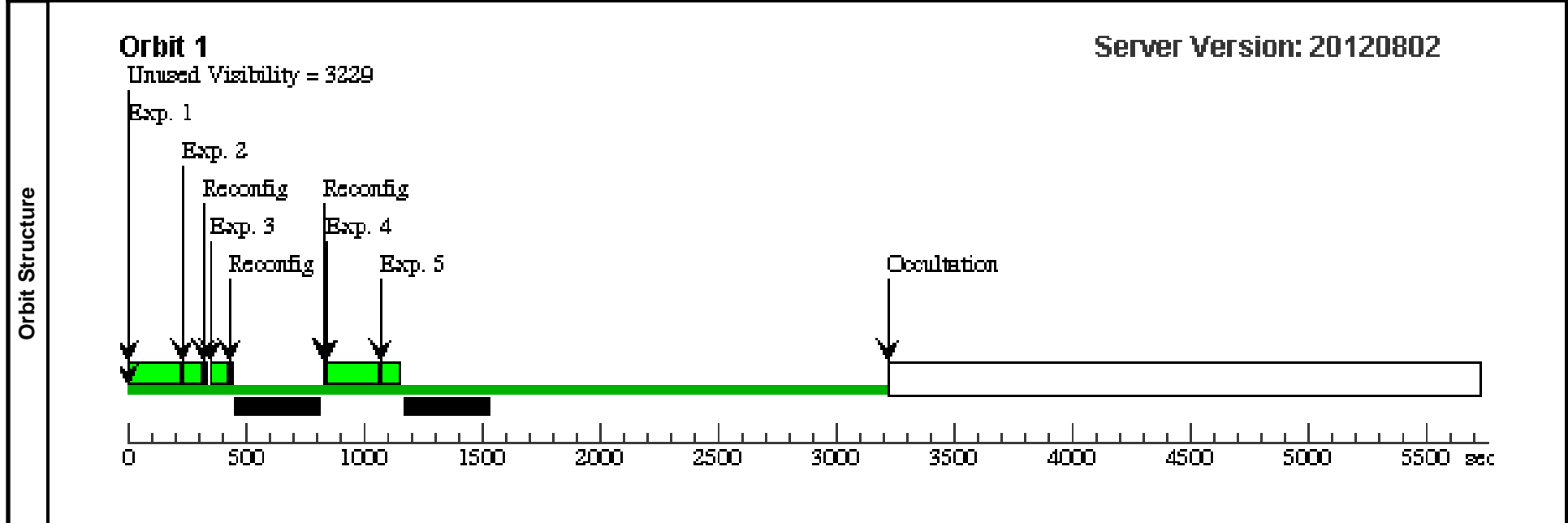


Proposal 13078 - Visit H2 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:55 GMT 2012

Visit	Proposal 13078, Visit H2									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP H2,H1 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/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]	



Proposal 13078 - Visit H3 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:56 GMT 2012

Visit	Proposal 13078, Visit H3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP H3,H1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Exp. 1

Unused Visibility = 3229

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Reconfig

Exp. 8

Reconfig

Exp. 9

Exp. 10

Exp. 11

Exp. 12

Exp. 13

Exp. 14

Exp. 15

Occultation

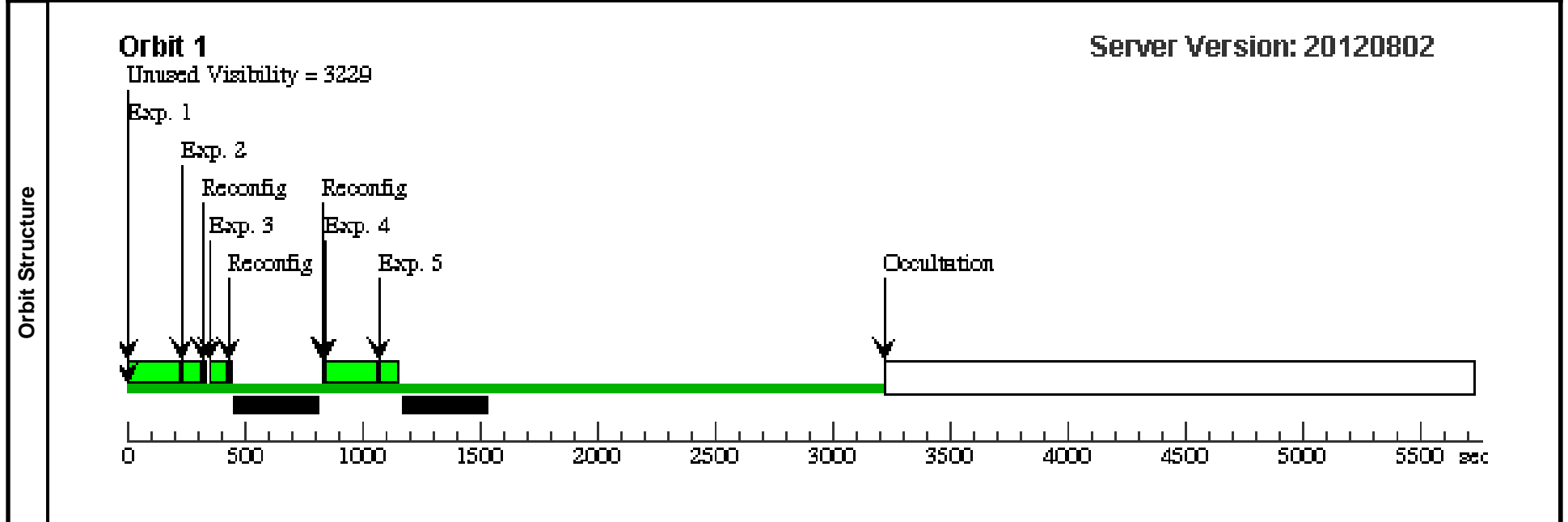


Proposal 13078 - Visit I1 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:57 GMT 2012

Visit	Proposal 13078, Visit I1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 29-JUN-2013:00:00:00 AND 07-JUL-2013:00:00:00									
<i>Comments: Very bright flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]

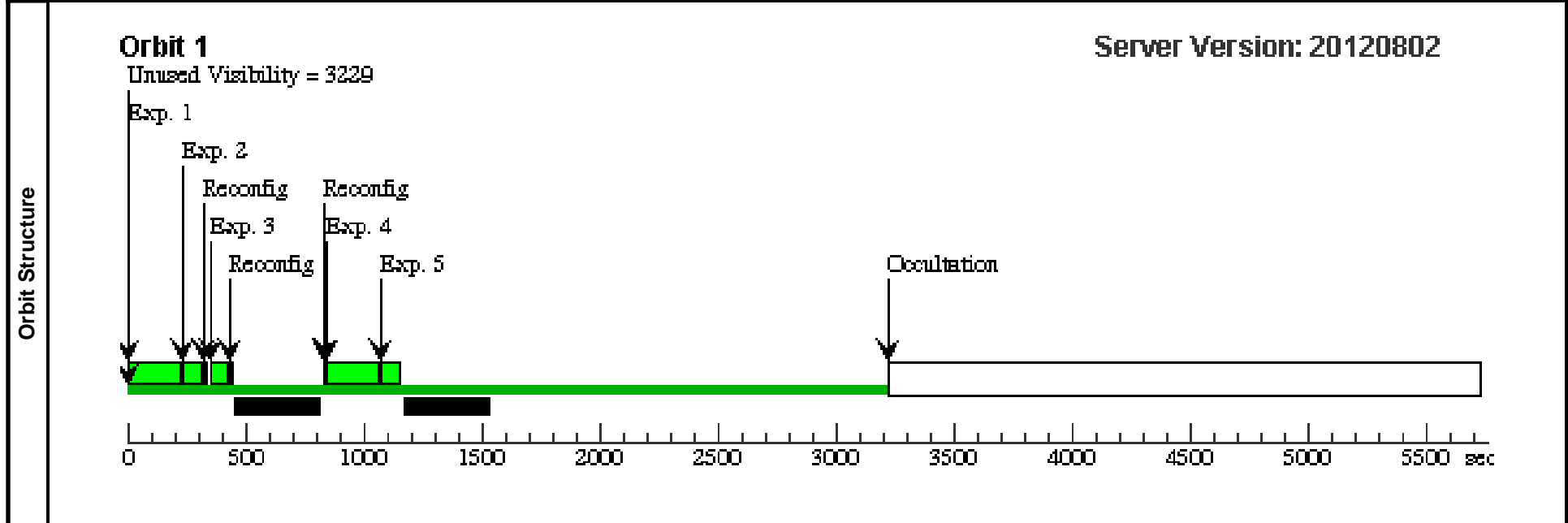


Proposal 13078 - Visit I2 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:58 GMT 2012

Visit	Proposal 13078, Visit I2									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP I2,I1 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/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]	



Proposal 13078 - Visit I3 - UVIS Post-Flash Monitor

Wed Oct 24 01:26:59 GMT 2012

Visit	Proposal 13078, Visit I3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP I3,I1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			0.5 Secs [==>]
	2	Subarray 5 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=5			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 [==>]	[1]
	4	Subarray 10 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=10			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 [==>]	[1]
	6	Subarray 20 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=20			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 [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Exp. 1

Unused Visibility = 3229

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Reconfig

Exp. 8

Reconfig

Exp. 9

Exp. 10

Exp. 11

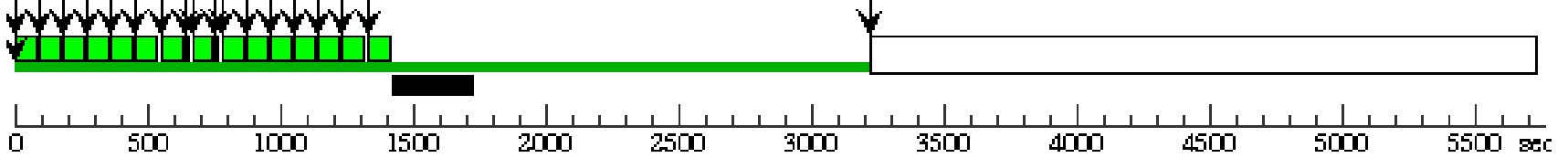
Exp. 12

Exp. 13

Exp. 14

Exp. 15

Occultation



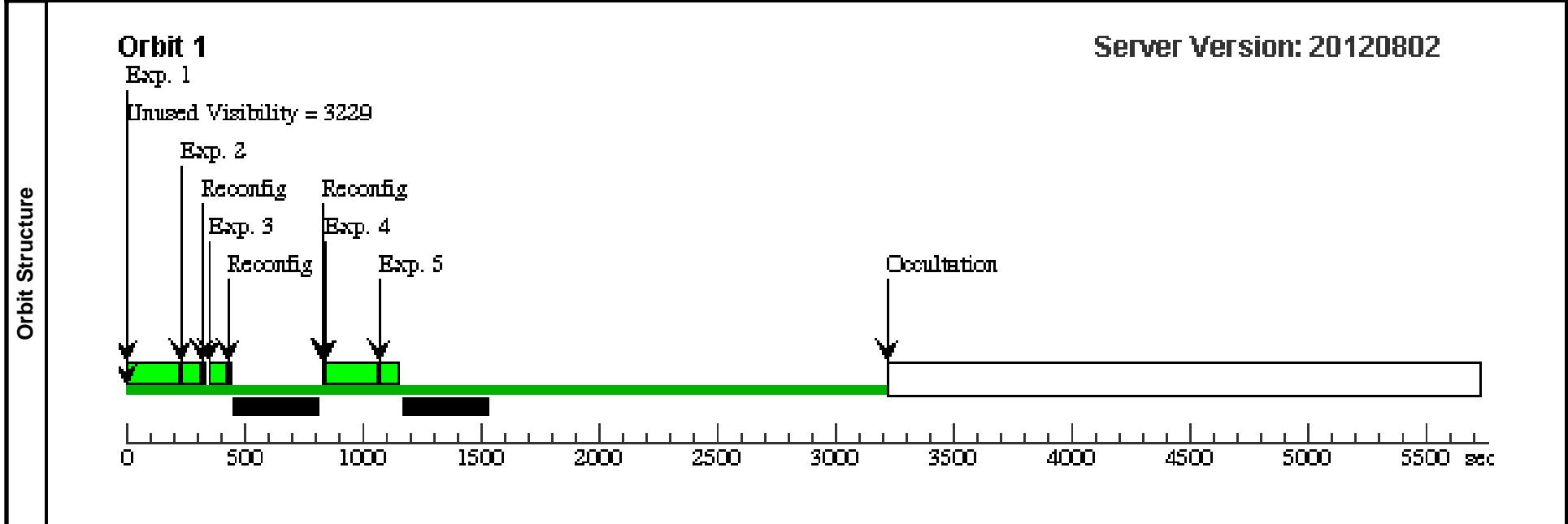
Proposal 13078 - Visit J1 - UVIS Post-Flash Monitor

Wed Oct 24 01:27:00 GMT 2012

Visit	Proposal 13078, Visit J1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 27-JUL-2013:00:00:00 AND 04-AUG-2013:00:00:00									

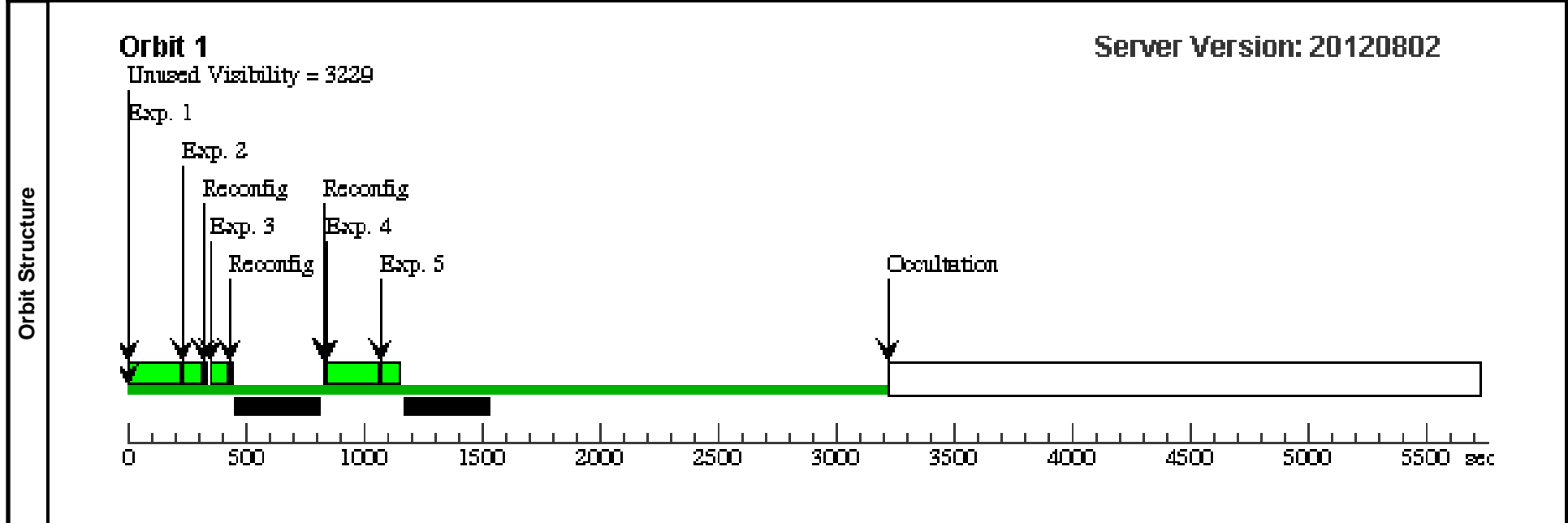
Comments: Very bright flash on each shutter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Visit	Proposal 13078, Visit J2									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP J2,J1 WITHIN 1D									
<i>Comments: Very bright flash on each shutter</i>										

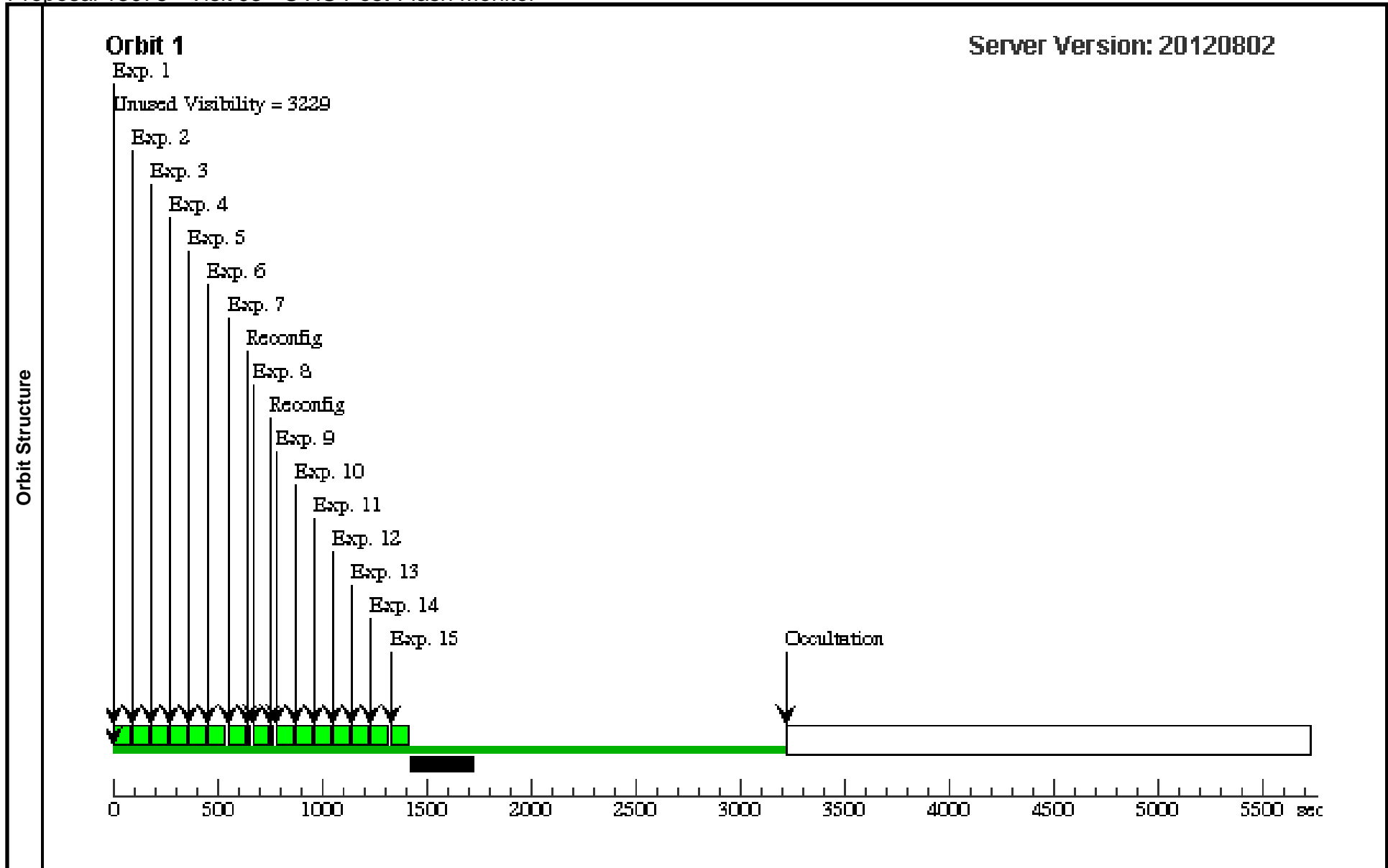
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs [==>]	[1]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit J3 - UVIS Post-Flash Monitor

Wed Oct 24 01:27:01 GMT 2012

Visit	Proposal 13078, Visit J3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP J3,J1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

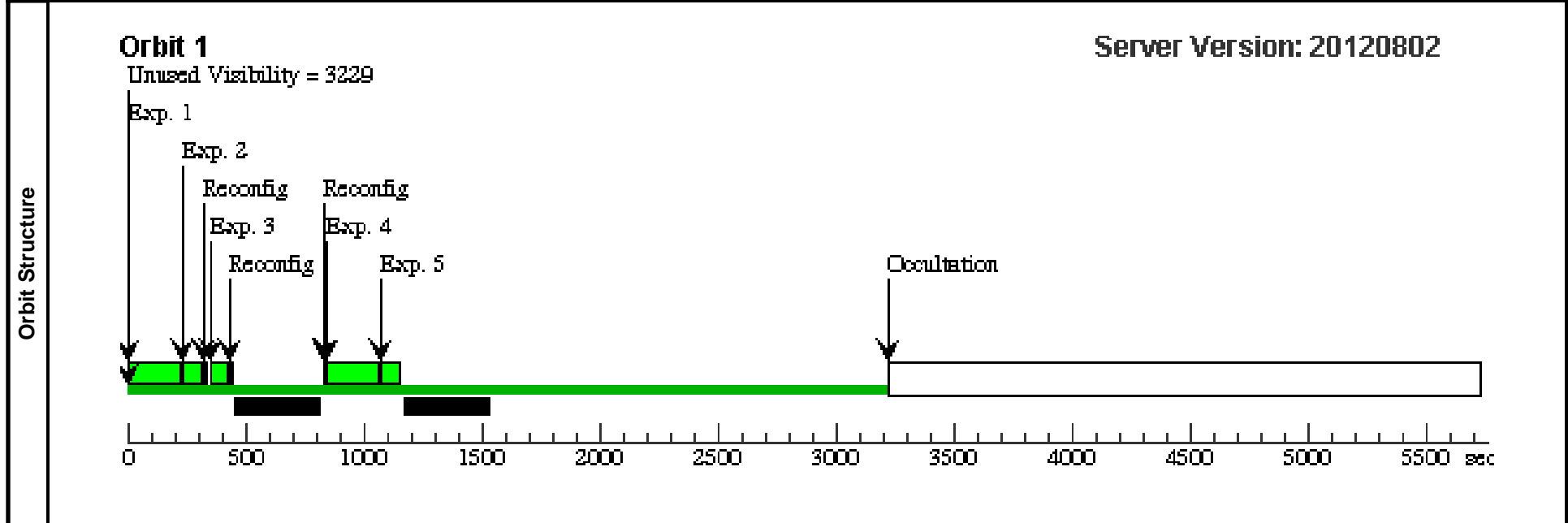


Proposal 13078 - Visit K1 - UVIS Post-Flash Monitor

Wed Oct 24 01:27:02 GMT 2012

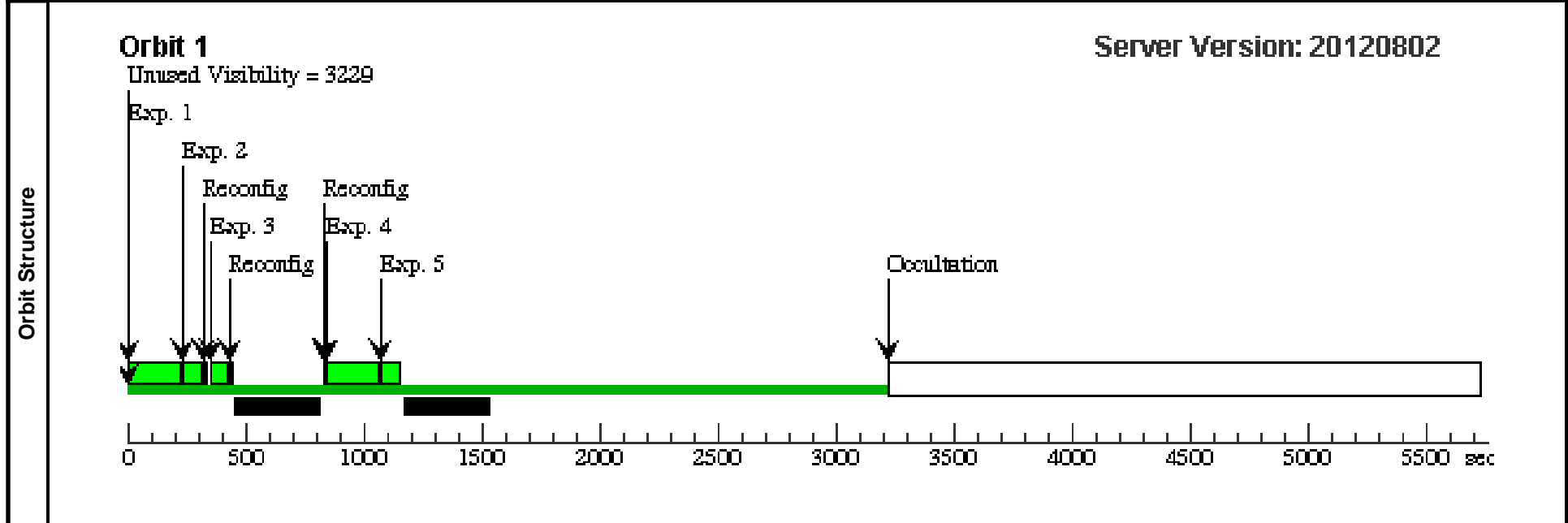
Visit	Proposal 13078, Visit K1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 24-AUG-2013:00:00:00 AND 01-SEP-2013:00:00:00									
<i>Comments: Very bright flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Visit	Proposal 13078, Visit K2									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP K2,K1 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/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit K3 - UVIS Post-Flash Monitor

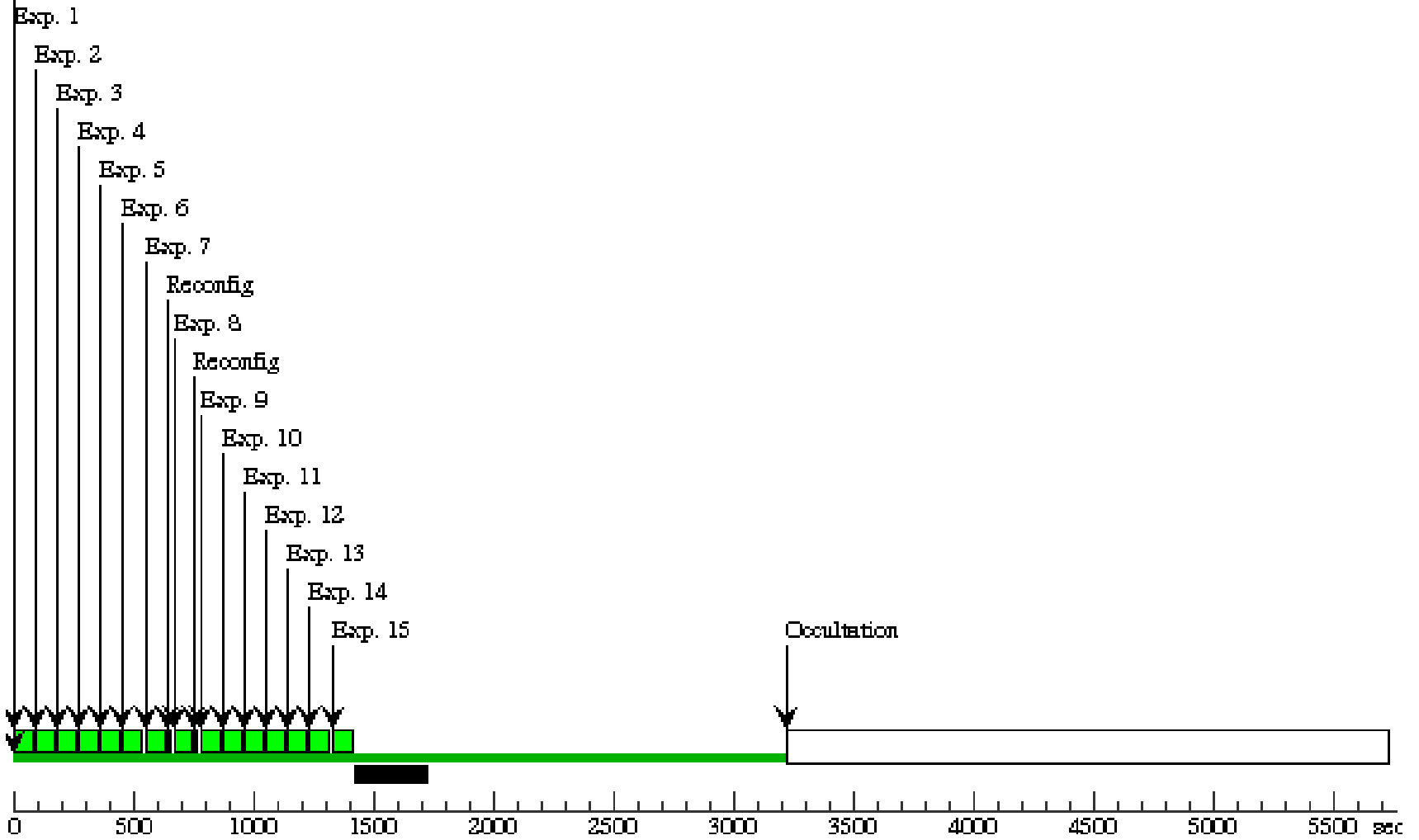
Wed Oct 24 01:27:04 GMT 2012

Visit	Proposal 13078, Visit K3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP K3,K1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Unused Visibility = 3229



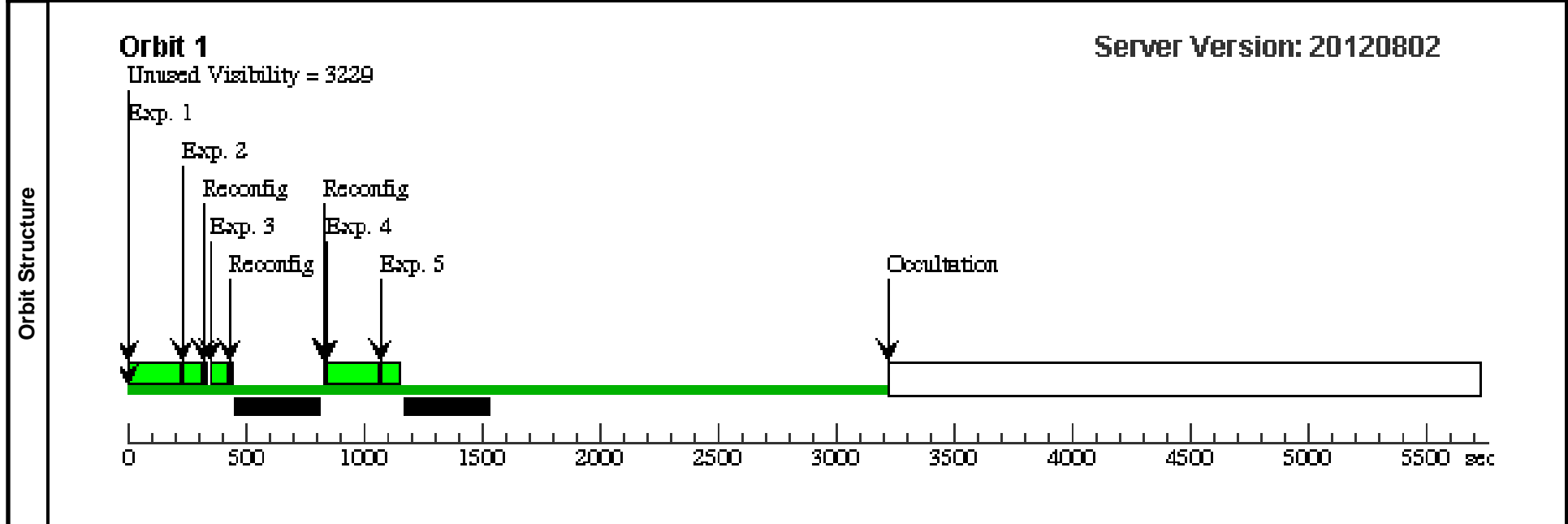
Proposal 13078 - Visit L1 - UVIS Post-Flash Monitor

Wed Oct 24 01:27:05 GMT 2012

Visit	Proposal 13078, Visit L1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 21-SEP-2013:00:00:00 AND 29-SEP-2013:00:00:00									

Comments: Very bright flash on each shutter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]	

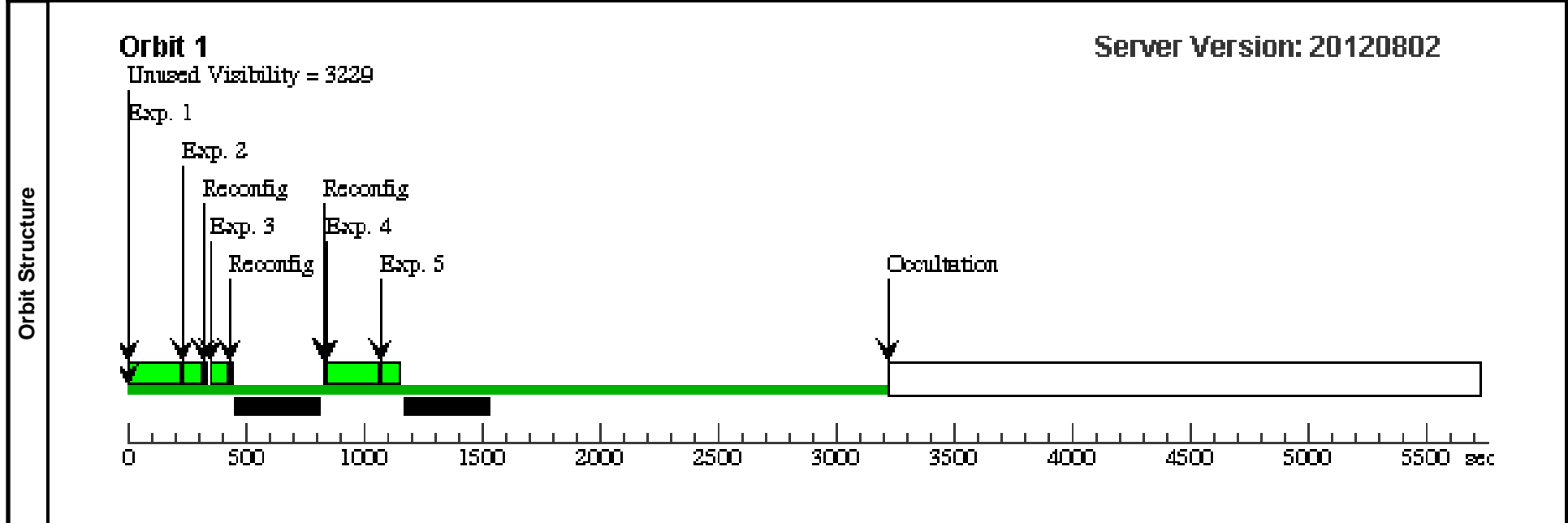


Proposal 13078 - Visit L2 - UVIS Post-Flash Monitor

Wed Oct 24 01:27:05 GMT 2012

Visit	Proposal 13078, Visit L2									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: GROUP L2,L1 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/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit L3 - UVIS Post-Flash Monitor

Wed Oct 24 01:27:06 GMT 2012

Visit	Proposal 13078, Visit L3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP L3,L1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Exp. 1

Unused Visibility = 3229

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Reconfig

Exp. 8

Reconfig

Exp. 9

Exp. 10

Exp. 11

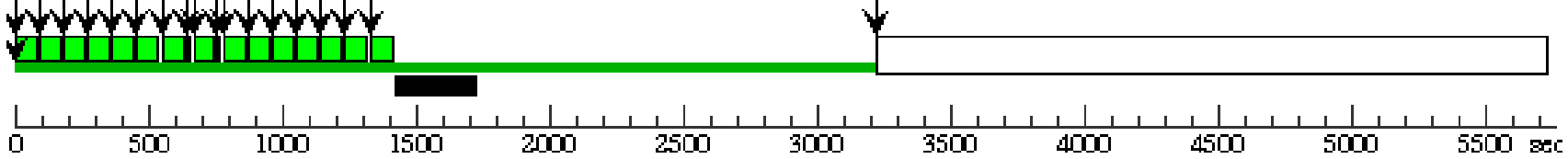
Exp. 12

Exp. 13

Exp. 14

Exp. 15

Occultation



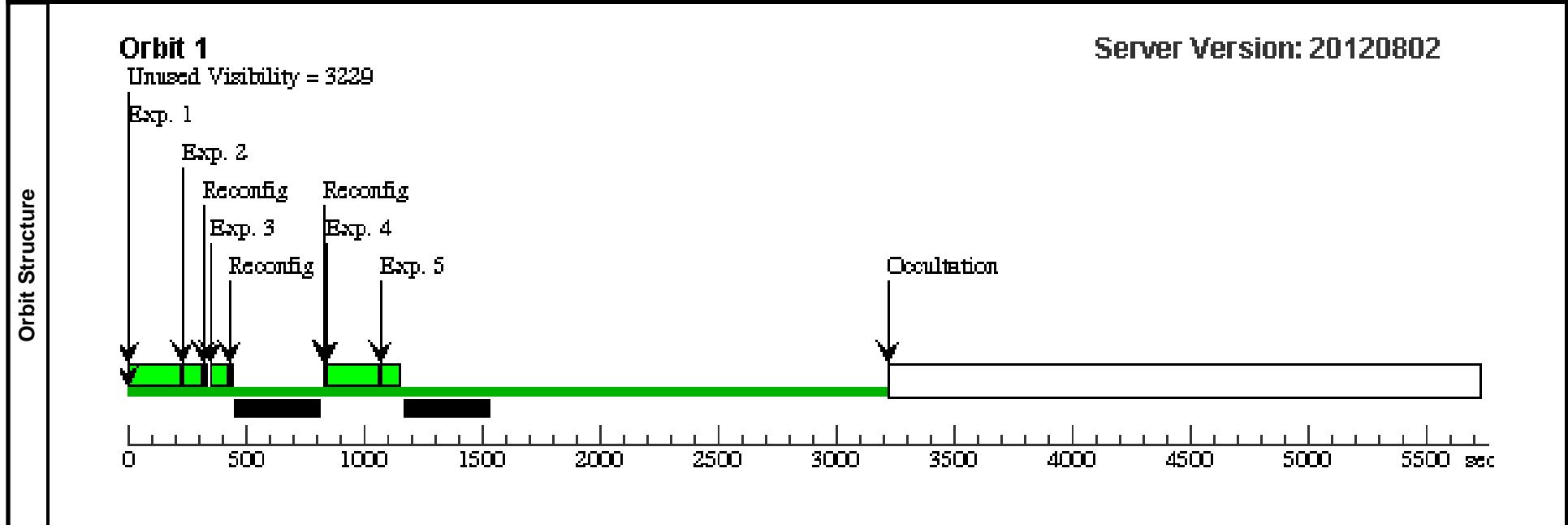
Proposal 13078 - Visit M1 - UVIS Post-Flash Monitor

Wed Oct 24 01:27:07 GMT 2012

Visit	Proposal 13078, Visit M1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 19-OCT-2013:00:00:00 AND 27-OCT-2013:00:00:00									

Comments: Very bright flash on each shutter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]

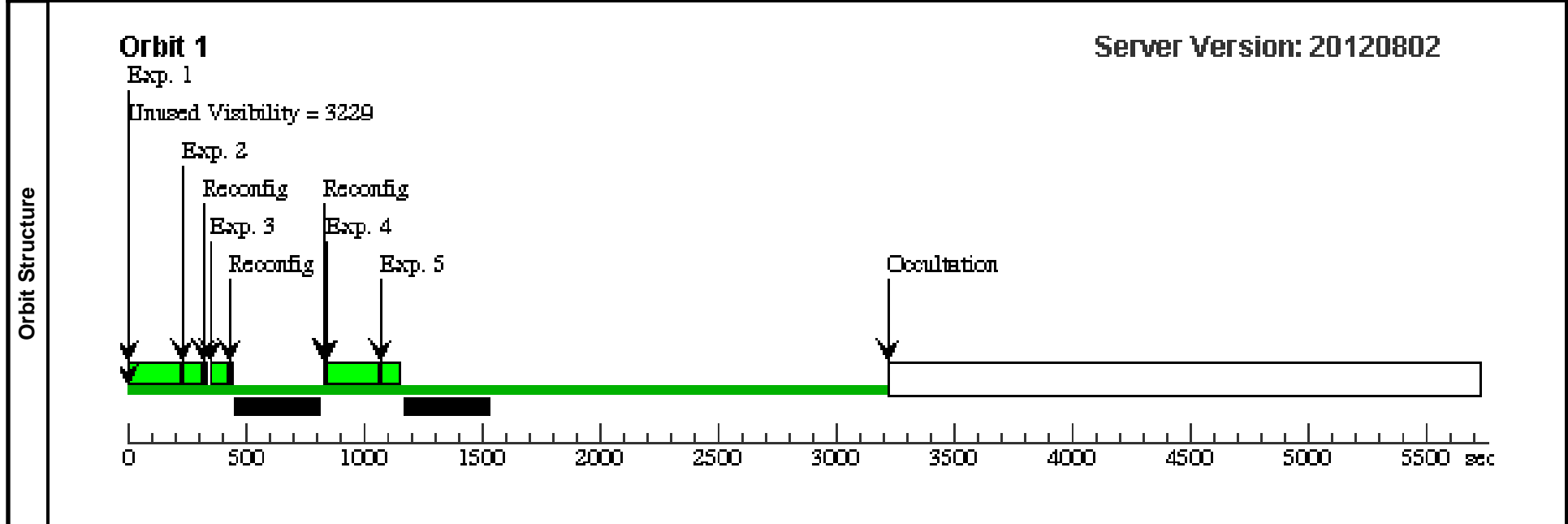


Proposal 13078 - Visit M2 - UVIS Post-Flash Monitor

Wed Oct 24 01:27:08 GMT 2012

Visit	Proposal 13078, Visit M2								
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP M2,M1 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/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit M3 - UVIS Post-Flash Monitor

Wed Oct 24 01:27:08 GMT 2012

Visit	Proposal 13078, Visit M3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP M3,M1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Exp. 1

Unused Visibility = 3229

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Reconfig

Exp. 8

Reconfig

Exp. 9

Exp. 10

Exp. 11

Exp. 12

Exp. 13

Exp. 14

Exp. 15

Occultation

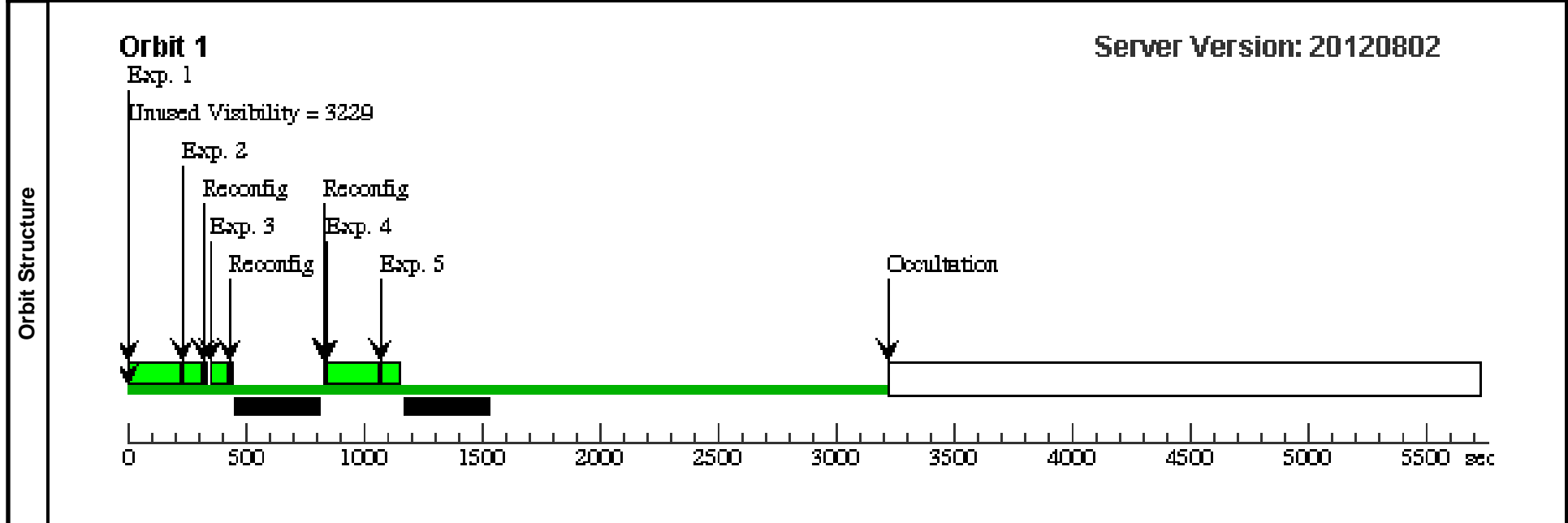


Proposal 13078 - Visit N1 - UVIS Post-Flash Monitor

Wed Oct 24 01:27:09 GMT 2012

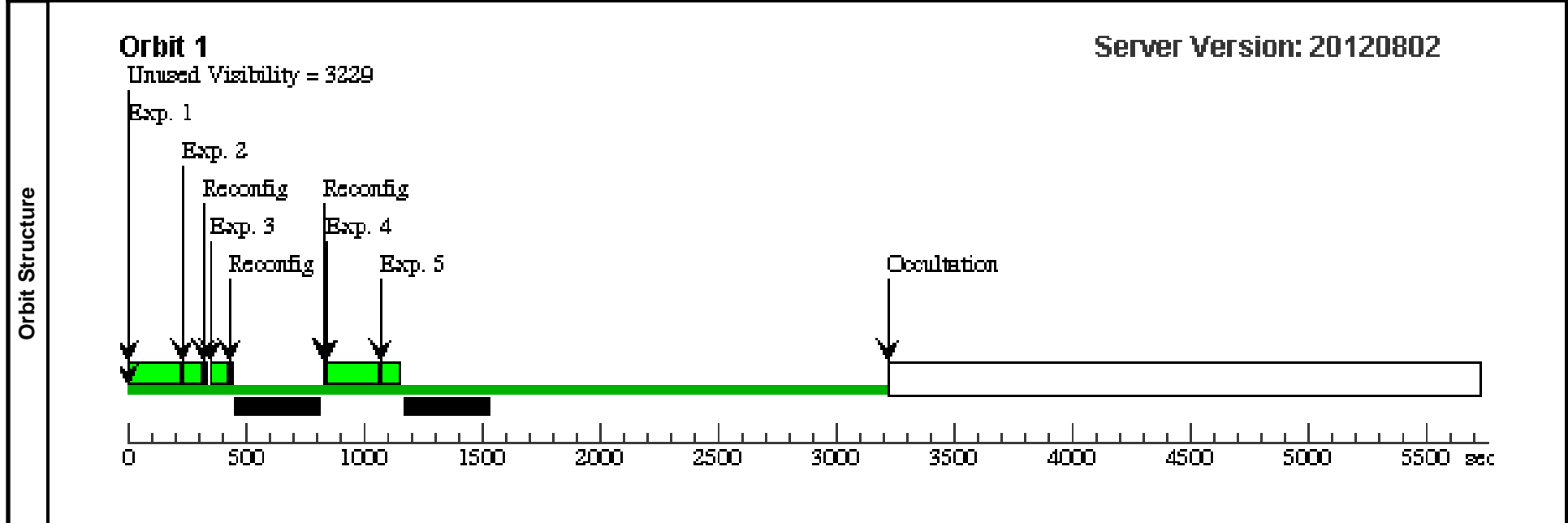
Visit	Proposal 13078, Visit N1									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 16-NOV-2013:00:00:00 AND 24-NOV-2013:00:00:00									
<i>Comments: Very bright flash on each shutter</i>										

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Visit	Proposal 13078, Visit N2									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP N2,N1 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/[Actual Dur.]	Orbit
		1	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			0.5 Secs [==>]
	2	Subarray 12 e- Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=12			0.5 Secs [==>]	[1]
	3	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	4	Very Bright Flash	DARK	WFC3/UVIS, ACCUM, UVIS	DEF	GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100			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 [==>]	[1]



Proposal 13078 - Visit N3 - UVIS Post-Flash Monitor

Wed Oct 24 01:27:11 GMT 2012

Visit	Proposal 13078, Visit N3									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: GROUP N3,N1 WITHIN 2D Comments: Subarray flash brightness monitor									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	3	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	5	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	7	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]
	8	Toggle Shutter	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F343N	GAIN=1.5			0.5 Secs [==>]	[1]
	9	Subarray 3 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=3			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 [==>]	[1]
	11	Subarray 8 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=8			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 [==>]	[1]
	13	Subarray 15 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=15			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 [==>]	[1]
	15	Subarray 22 e-Flash	DARK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	DEF	GAIN=1.5; FLASH=22			0.5 Secs [==>]	[1]

Orbit Structure

Orbit 1

Exp. 1

Unused Visibility = 3229

Exp. 2

Exp. 3

Exp. 4

Exp. 5

Exp. 6

Exp. 7

Reconfig

Exp. 8

Reconfig

Exp. 9

Exp. 10

Exp. 11

Exp. 12

Exp. 13

Exp. 14

Exp. 15

Occultation

