



17671 - WFC3 UVIS Post-flash Monitor

Cycle: 32, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

INVESTIGATORS

| <i>Name</i> | <i>Institution</i> |
|---|--|
| Ms. Catherine A Martlin (PI) (Contact) | Space Telescope Science Institute |
| Dr. Joel David Green (CoI) (Contact) | Space Telescope Science Institute |
| Benjamin Kuhn (CoI) (Contact) | Space Telescope Science Institute |

VISITS

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 01 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:35.0 | yes |
| 02 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:36.0 | yes |
| 03 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:37.0 | yes |
| 04 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:37.0 | yes |
| 05 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:38.0 | yes |
| 06 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:38.0 | yes |

Proposal 17671 (STScI Edit Number: 1, Created: Thursday, April 3, 2025, 10:01:06AM Eastern Standard Time) - Overview

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 07 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:39.0 | yes |
| 08 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:40.0 | yes |
| 09 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:41.0 | yes |
| 10 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:41.0 | yes |
| 11 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:42.0 | yes |
| 12 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:43.0 | yes |
| 13 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:44.0 | yes |
| 14 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:44.0 | yes |
| 15 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:45.0 | yes |
| 16 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:45.0 | yes |
| 17 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:46.0 | yes |
| 18 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:47.0 | yes |
| 19 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:47.0 | yes |
| 20 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:48.0 | yes |

Proposal 17671 (STScI Edit Number: 1, Created: Thursday, April 3, 2025, 10:01:06AM Eastern Standard Time) - Overview

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 21 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:48.0 | yes |
| 22 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:49.0 | yes |
| 23 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:49.0 | yes |
| 24 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:51.0 | yes |
| 25 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:51.0 | yes |
| 26 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:51.0 | yes |
| 27 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:52.0 | yes |
| 28 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:53.0 | yes |
| 29 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:53.0 | yes |
| 30 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:54.0 | yes |
| 31 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:55.0 | yes |
| 32 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:55.0 | yes |
| 33 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:56.0 | yes |
| 34 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:56.0 | yes |

Proposal 17671 (STScI Edit Number: 1, Created: Thursday, April 3, 2025, 10:01:06AM Eastern Standard Time) - Overview

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 35 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:57.0 | yes |
| 36 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:58.0 | yes |
| 37 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:58.0 | yes |
| 38 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:59.0 | yes |
| 39 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:00:59.0 | yes |
| 40 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:01:00.0 | yes |
| 41 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:01:00.0 | yes |
| 42 | DARK | S/C WFC3/UVIS | 1 | 03-Apr-2025 11:01:01.0 | yes |
| 43 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:01.0 | yes |
| 44 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:02.0 | yes |
| 45 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:02.0 | yes |
| 46 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:02.0 | yes |
| 47 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:02.0 | yes |
| 48 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:03.0 | yes |
| 49 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:03.0 | yes |
| 50 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:03.0 | yes |
| 51 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:04.0 | yes |
| 52 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:04.0 | yes |
| 53 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:04.0 | yes |

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 54 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:05.0 | yes |
| 55 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:05.0 | yes |
| 56 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:05.0 | yes |
| 57 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:05.0 | yes |
| 58 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:06.0 | yes |
| 59 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:06.0 | yes |
| 60 | DARK | WFC3/UVIS | 1 | 03-Apr-2025 11:01:06.0 | yes |

60 Total Orbits Used

ABSTRACT

This monitor is used in order to track possible changes in the postflash light distribution or in the brightness of the LED. Further, these results are used to provide updated postflash reference files for use in the CALWF3 pipeline. These reference files are generated from the data within this monitor.

OBSERVING DESCRIPTION

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

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

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

(1) A 100s post-flash image at medium current to characterize the light distribution. These very bright images are taken on both shutters using a full-

frame aperture. In addition, a 1K x 1K subarray image is taken with a flash of 12 electrons (see visit 3).

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

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

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

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

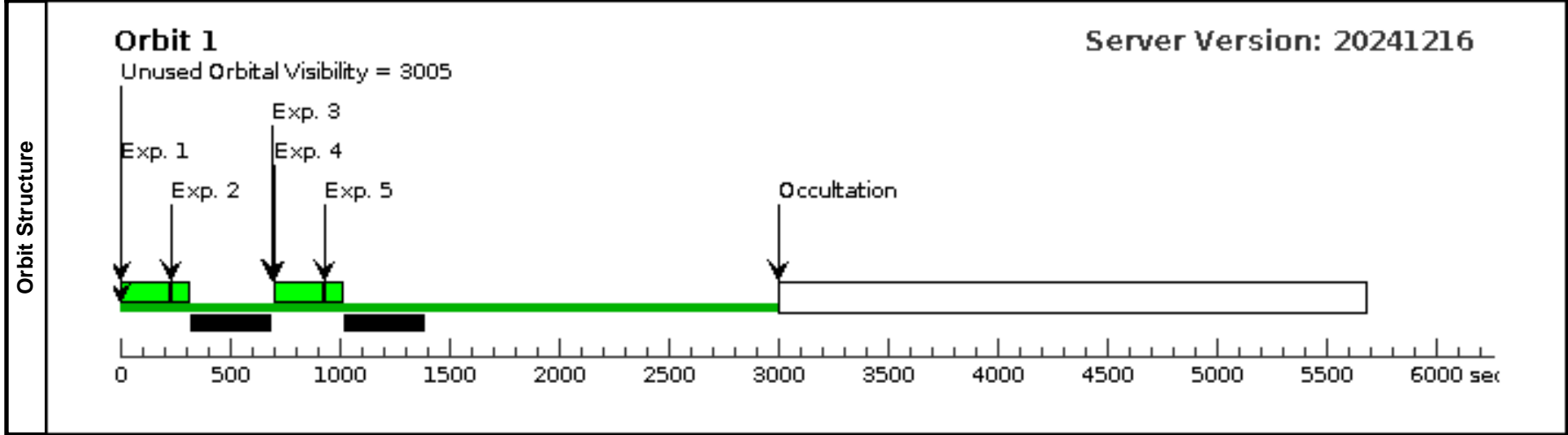
(Cycle 20: 13078, Cycle 21: 13560, Cycle 22: 14006, Cycle 23: 14372, Cycle 24: 14535, Cycle 25: 14984, Cycle 26: 15573, Cycle 27: 15718, Cycle 28: 16398, Cycle 29: 16570, Cycle 30: 16982, Cycle 31: 17351)

Proposal 17671 - November (01) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, November (01), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS, S/C | | | | | | | | | |
| | Special Requirements: BETWEEN 11-NOV-2024:00:00:00 AND 01-DEC-2024:00:00:00; PARALLEL | | | | | | | | | |
| <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | | |

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

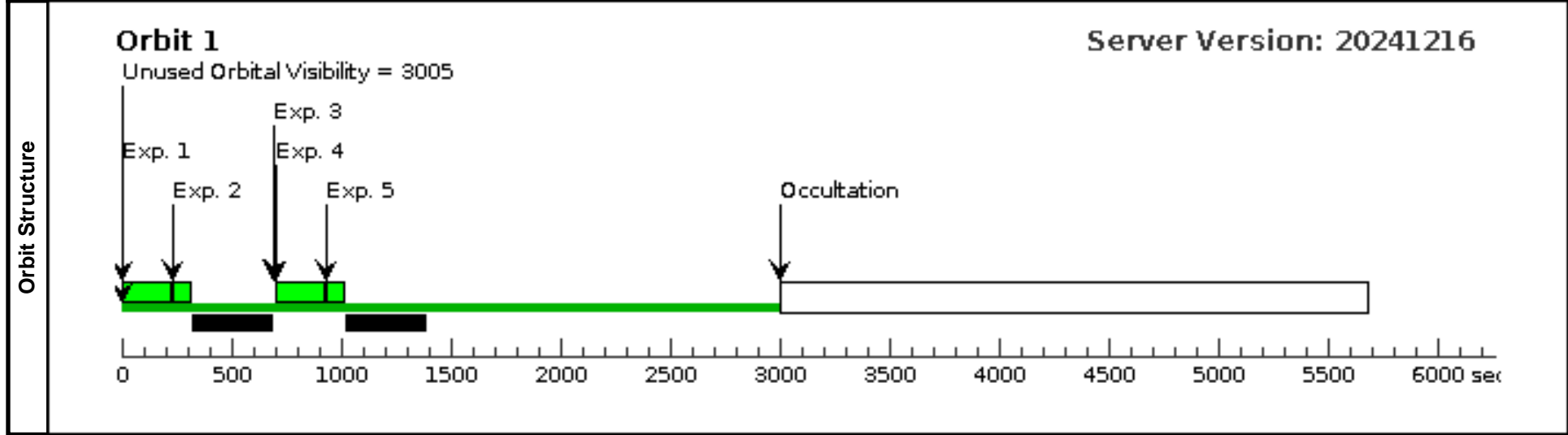


Proposal 17671 - November Start (02) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, November Start (02), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 02,01 WITHIN 1D; PARALLEL <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | |

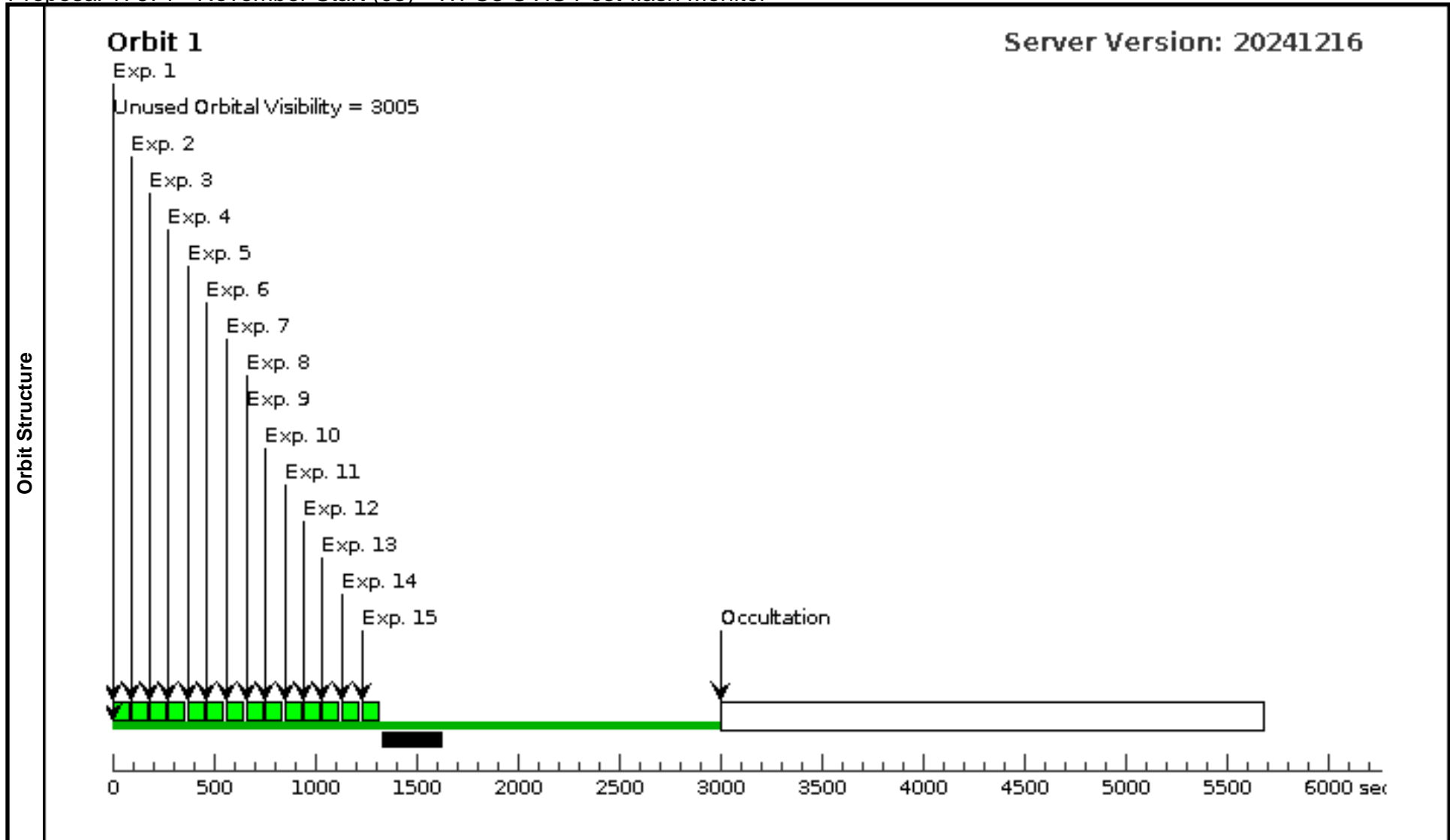
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - November Start (03) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

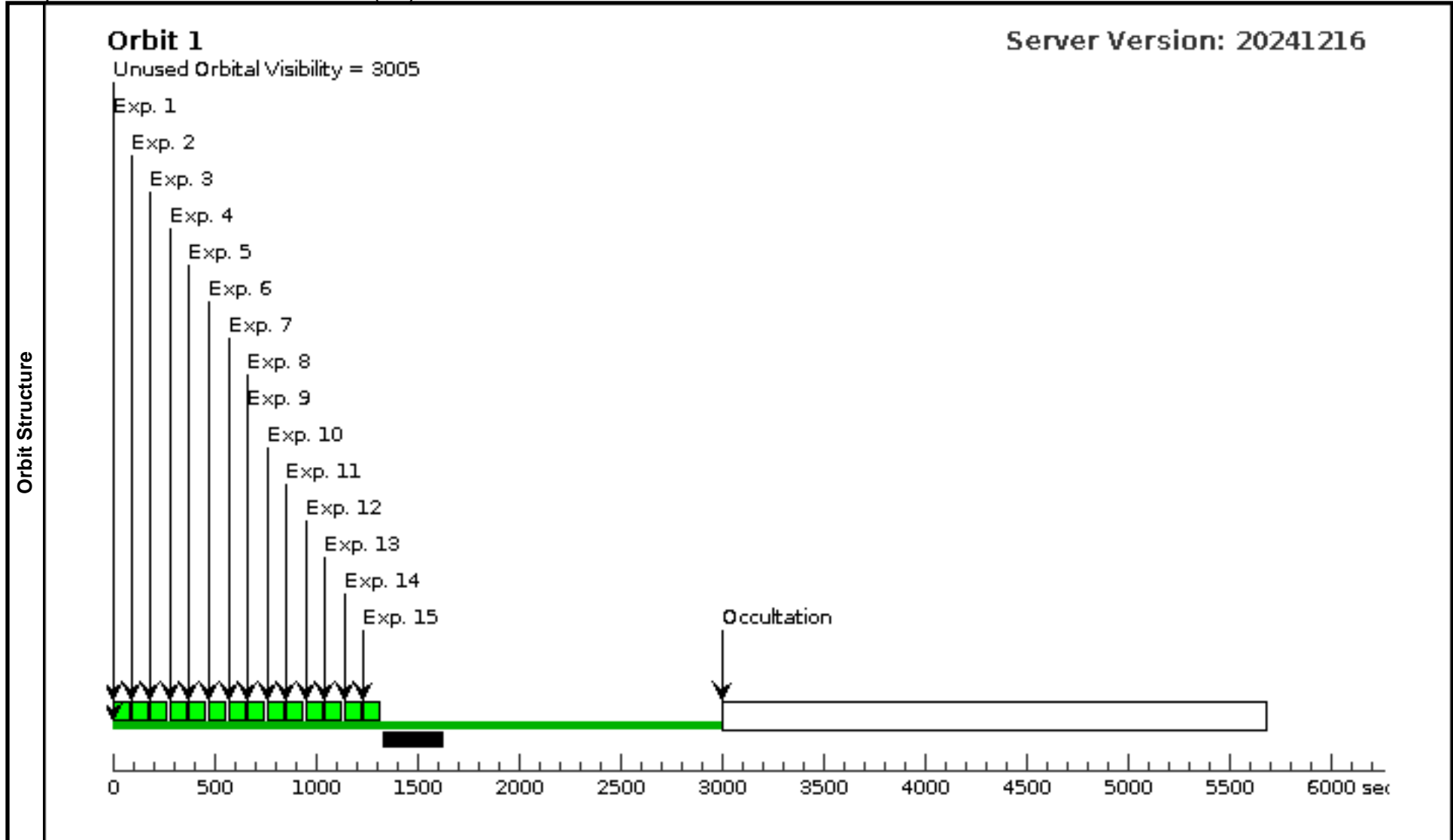
| Visit | Proposal 17671, November Start (03), completed | | | | | | | | | |
|---|--|---------------------|--------|-----------------------------------|---------------|--------------------|--------------------------|--------|---------------------------------|-------|
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| Scientific Instruments: WFC3/UVIS, S/C | | | | | | | | | | |
| Special Requirements: GROUP 03,01 WITHIN 1D; PARALLEL | | | | | | | | | | |
| Comments: Subarray flash brightness monitor | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |



Proposal 17671 - November Start (04) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| Visit | Proposal 17671, November Start (04), completed | | | | | | | | | |
|-----------|---|---------------------|----------------------|-----------------------------------|--------------|--------------------|--------------------------|---------------------------------|---------------------|-------|
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 04,01 WITHIN 1D; PARALLEL Comments: Subarray flash brightness monitor | | | | | | | | | |
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | | Orbit |
| | | | | | | | | | | |
| Exposures | 1 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |

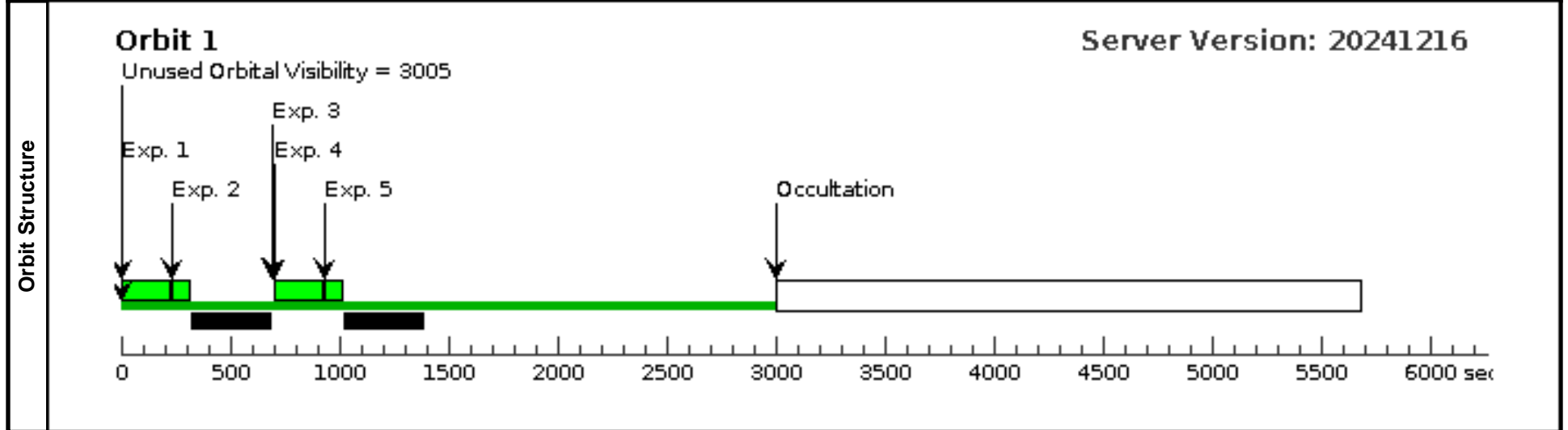


Proposal 17671 - December (05) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, December (05), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS, S/C | | | | | | | | | |
| | Special Requirements: BETWEEN 28-NOV-2024:00:00:00 AND 18-DEC-2024:00:00:00; PARALLEL | | | | | | | | | |
| <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | | |

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

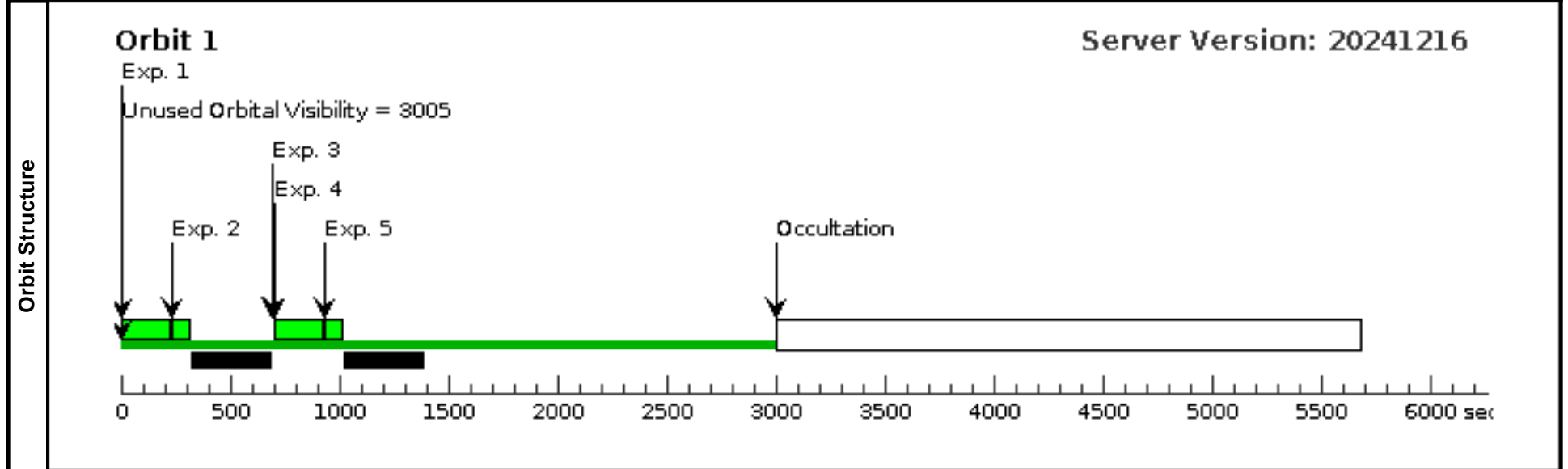


Proposal 17671 - December (06) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, December (06), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 06,05 WITHIN 1D; PARALLEL <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | |

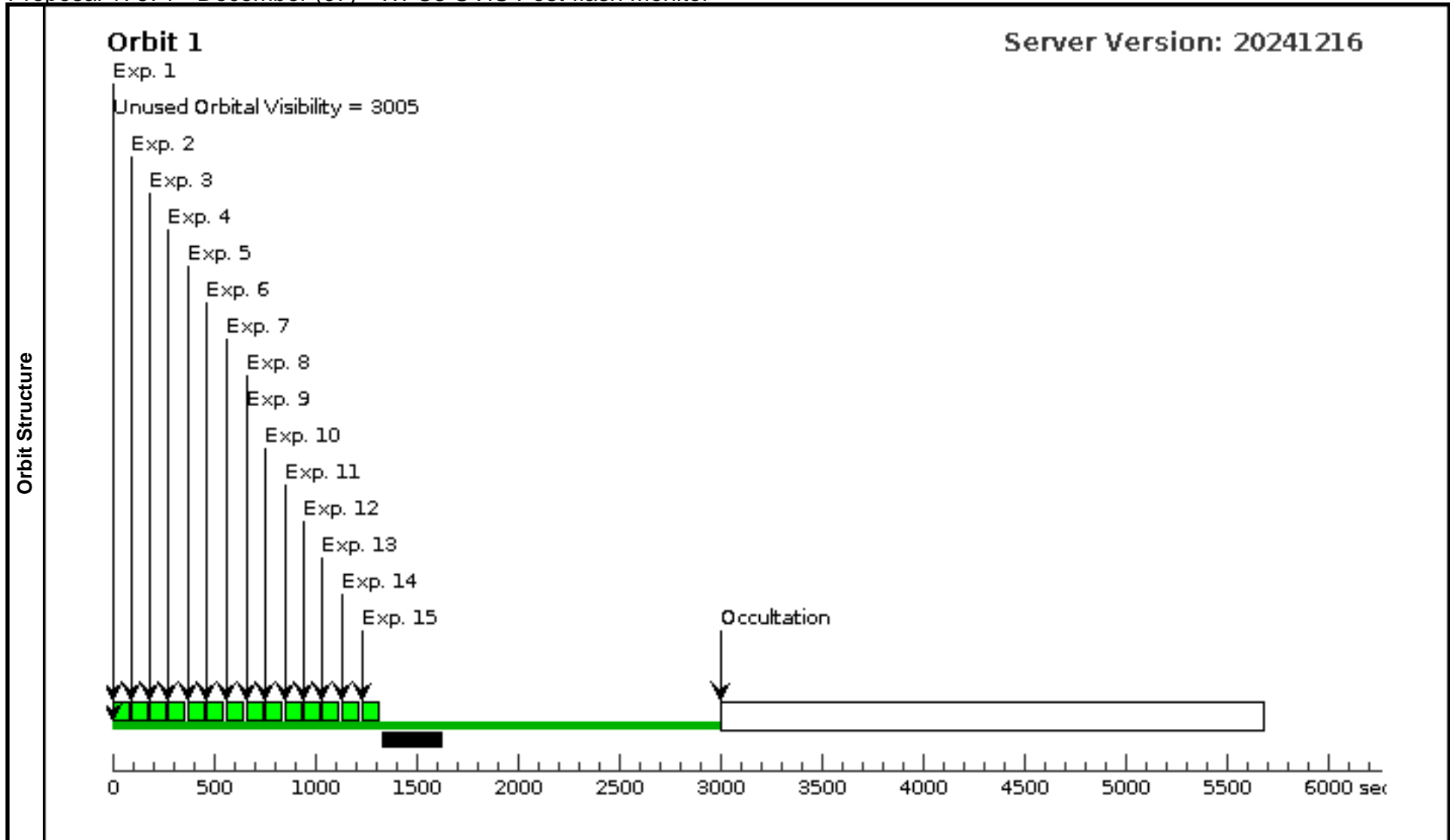
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - December (07) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

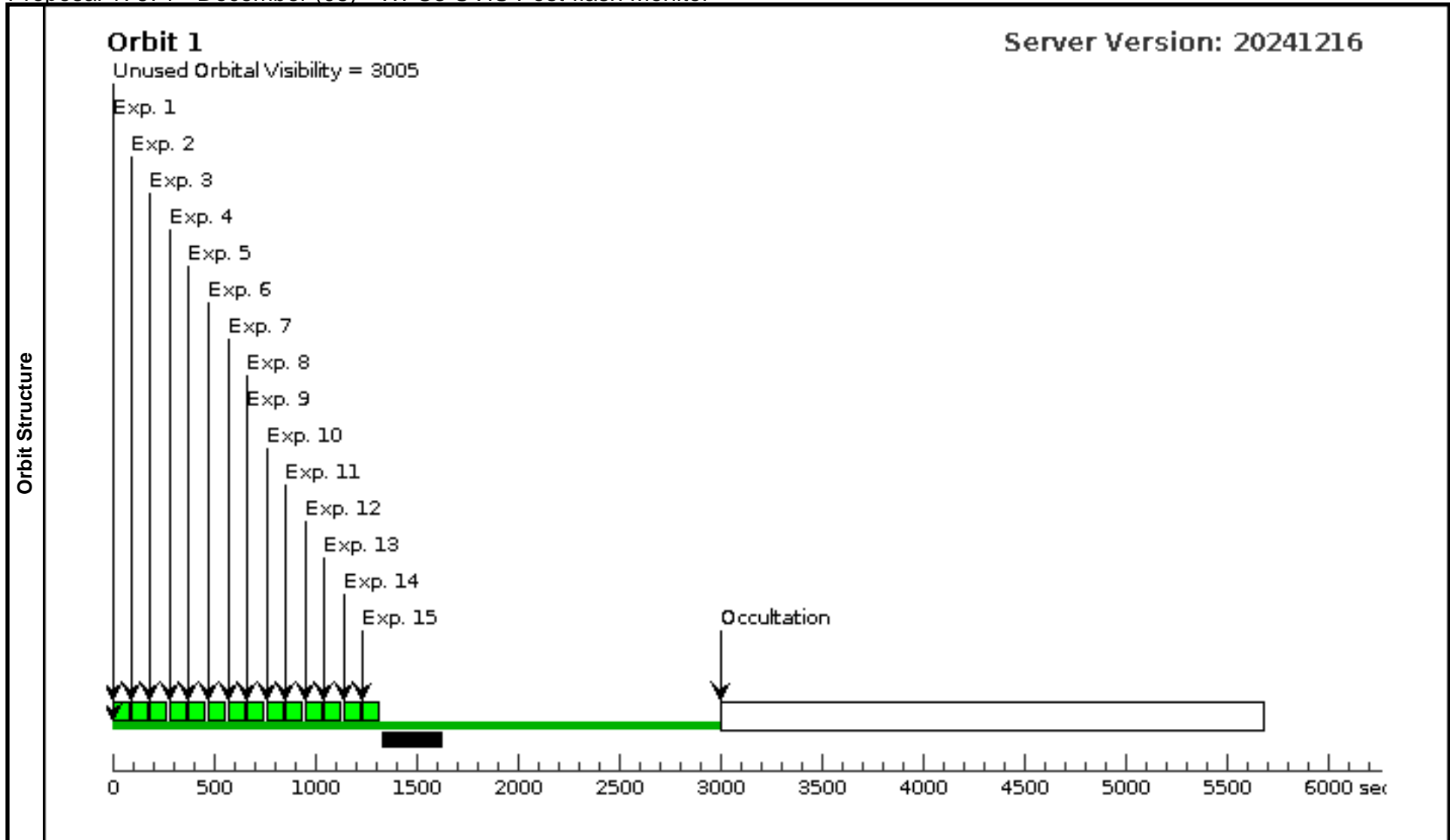
| Visit | Proposal 17671, December (07), completed | | | | | | | | | |
|---|--|---------------------|--------|-----------------------------------|---------------|--------------------|--------------------------|--------|---------------------------------|-------|
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| Scientific Instruments: WFC3/UVIS, S/C | | | | | | | | | | |
| Special Requirements: GROUP 07,05 WITHIN 2D; PARALLEL | | | | | | | | | | |
| Comments: Subarray flash brightness monitor | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |



Proposal 17671 - December (08) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| Visit | Proposal 17671, December (08), completed | | | | | | | | | |
|-----------|---|---------------------|----------------------|-----------------------------------|--------------|--------------------|--------------------------|---------------------------------|---------------------|-------|
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 08,05 WITHIN 1D; PARALLEL Comments: Subarray flash brightness monitor | | | | | | | | | |
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | | Orbit |
| | | | | | | | | | | |
| Exposures | 1 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |

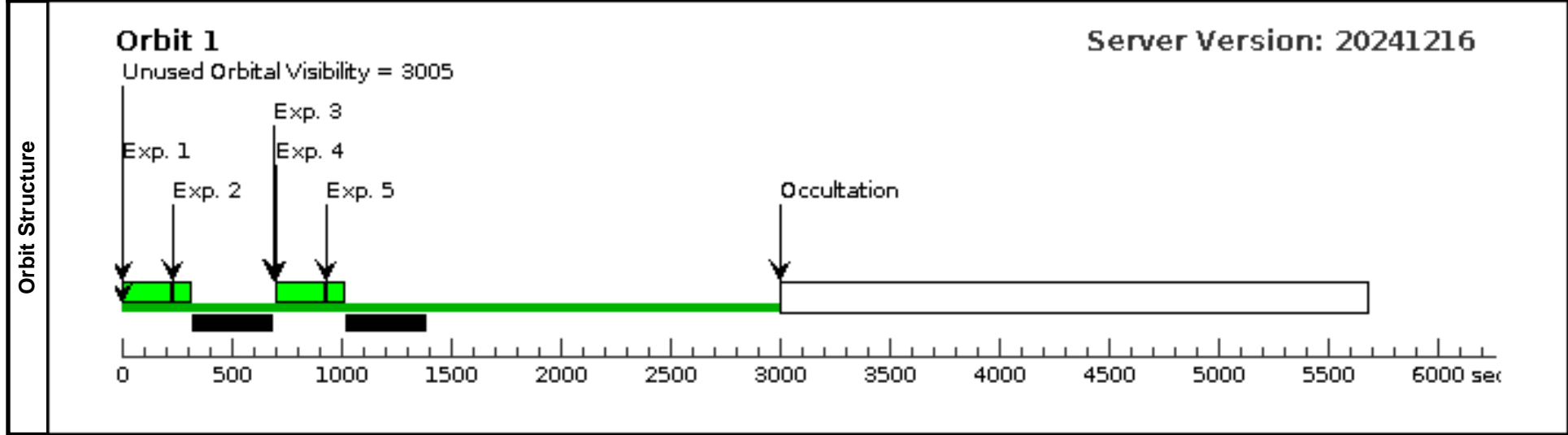


Proposal 17671 - December (09) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, December (09), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 10-DEC-2024:00:00:00 AND 30-DEC-2024:00:00:00; PARALLEL <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | |

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

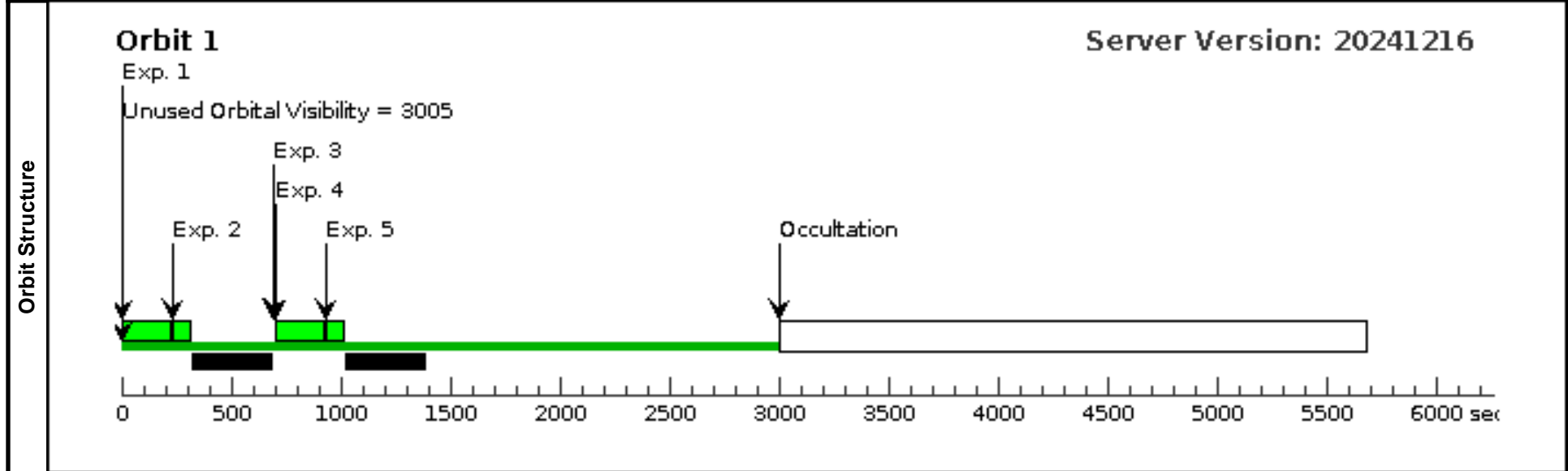


Proposal 17671 - December (10) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, December (10), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 10,09 WITHIN 1D; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

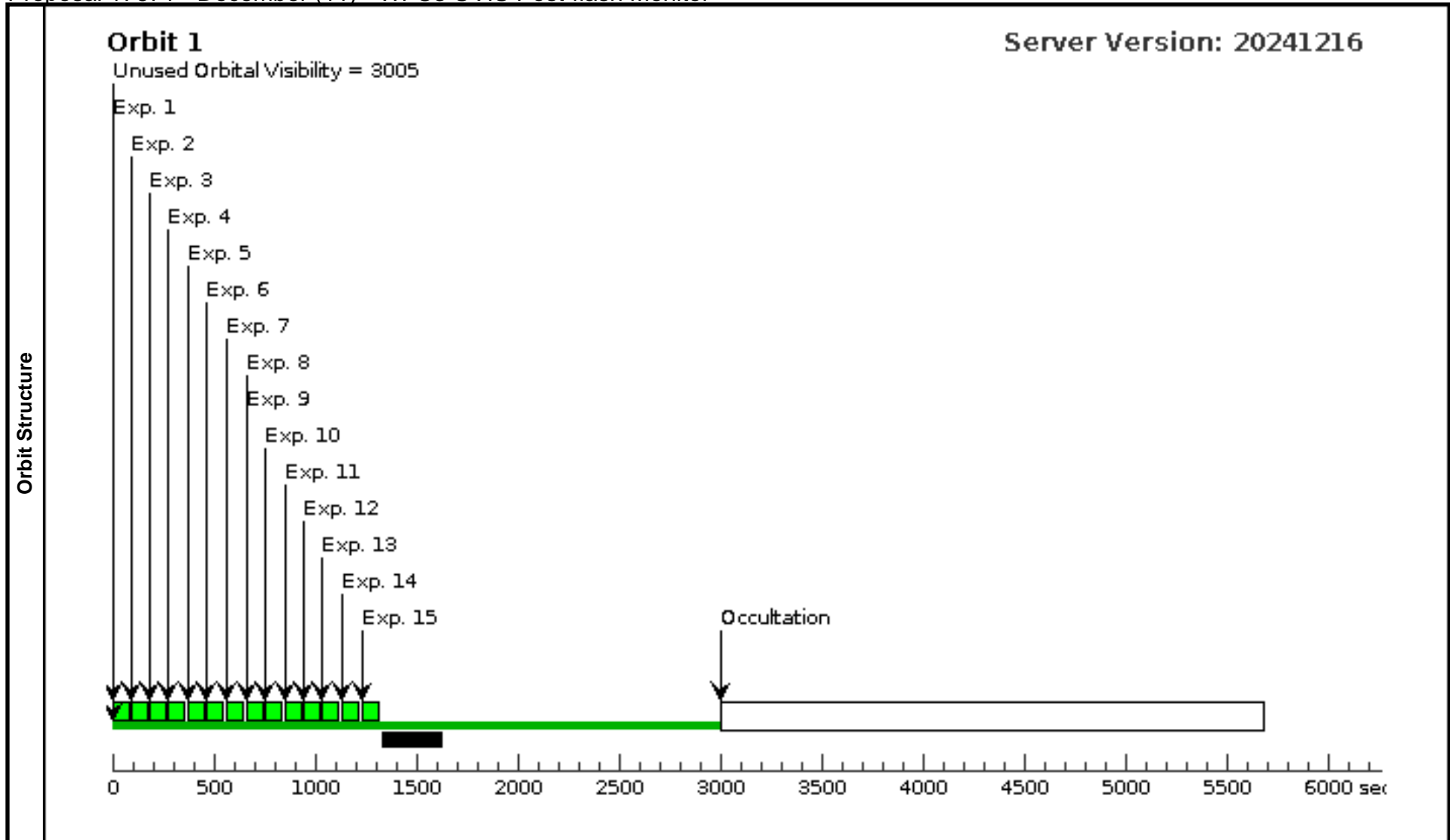
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - December (11) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

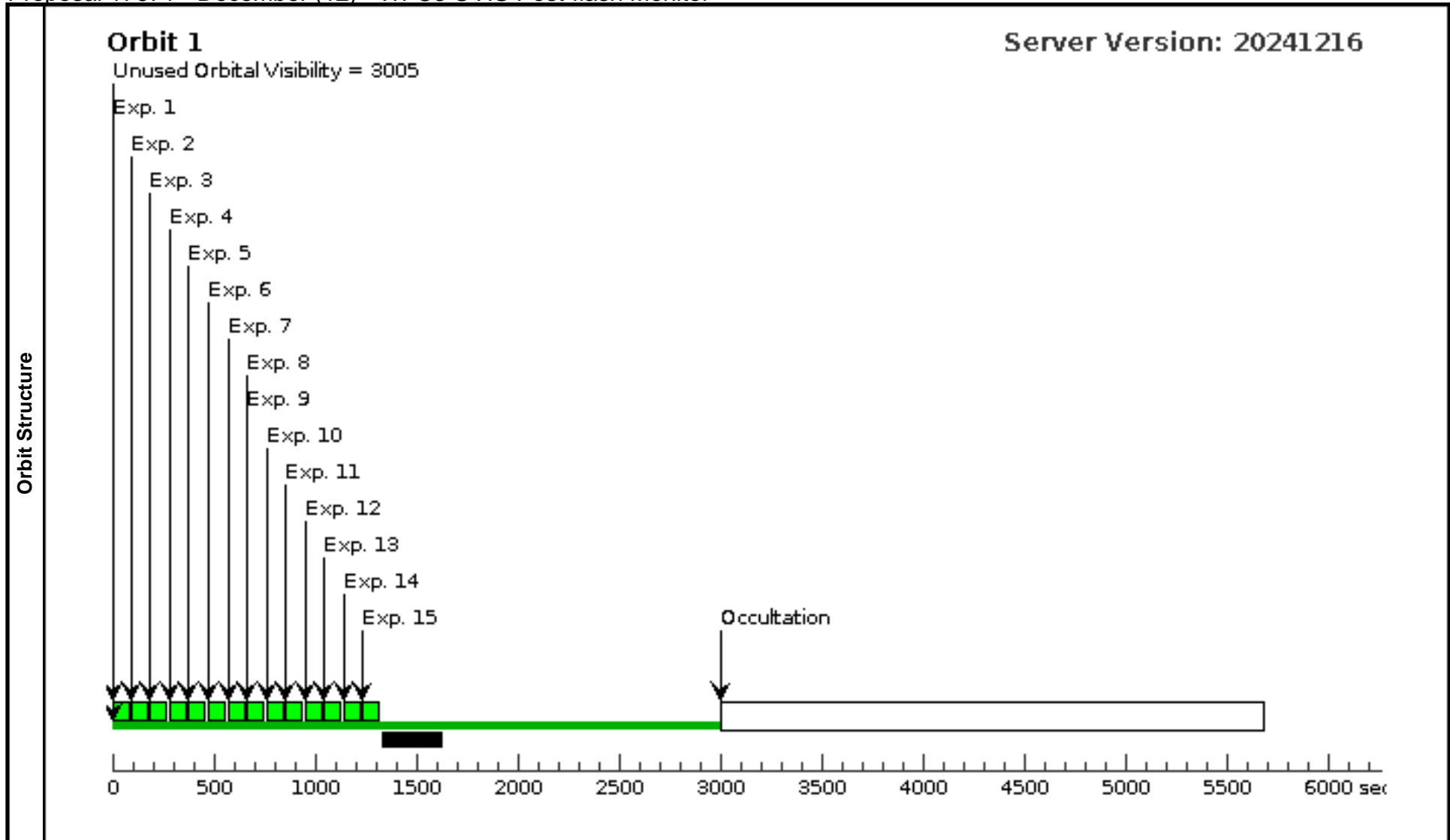
| Visit | Proposal 17671, December (11), completed | | | | | | | | | |
|-----------|---|---------------------|----------------------|-----------------------------------|--------------|--------------------|--------------------------|---------------------------------|---------------------|-------|
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 11,09 WITHIN 1D; PARALLEL Comments: Subarray flash brightness monitor | | | | | | | | | |
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | | Orbit |
| | | | | | | | | | | |
| Exposures | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |



Proposal 17671 - December (12) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| Visit | Proposal 17671, December (12), completed | | | | | | | | | |
|---|--|---------------------|--------|-----------------------------------|---------------|--------------------|--------------------------|--------|---------------------------------|-------|
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| Scientific Instruments: WFC3/UVIS, S/C | | | | | | | | | | |
| Special Requirements: GROUP 12,09 WITHIN 1D; PARALLEL | | | | | | | | | | |
| Comments: Subarray flash brightness monitor | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |

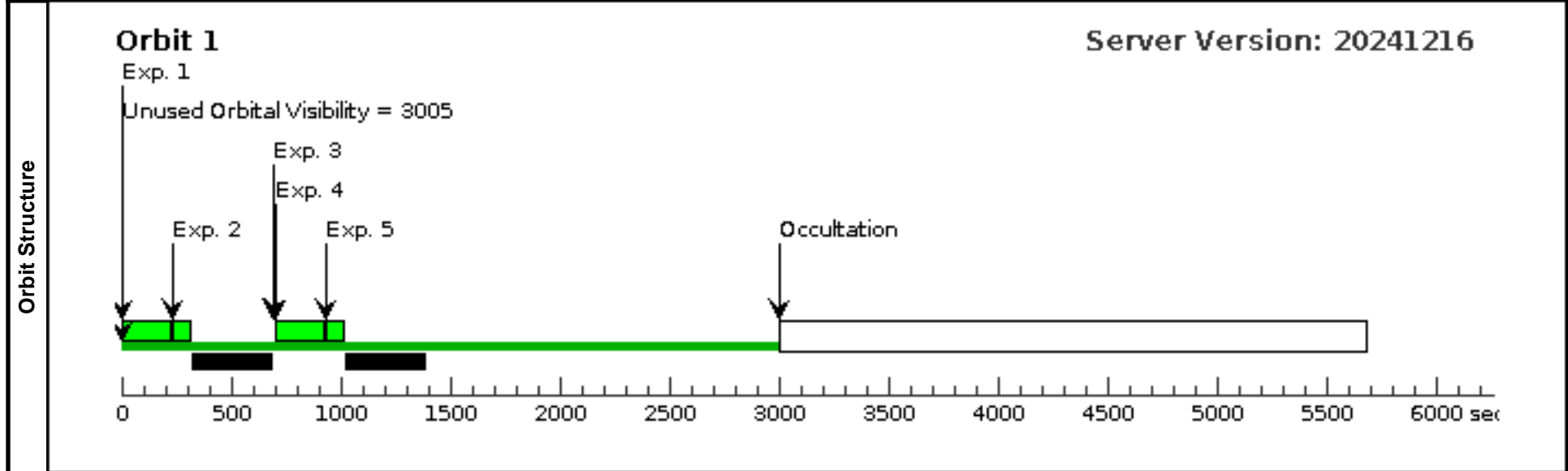


Proposal 17671 - January (13) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, January (13), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 07-JAN-2025:00:00:00 AND 27-JAN-2025:00:00:00; PARALLEL <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | |
| | | | | | | | | | | |

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

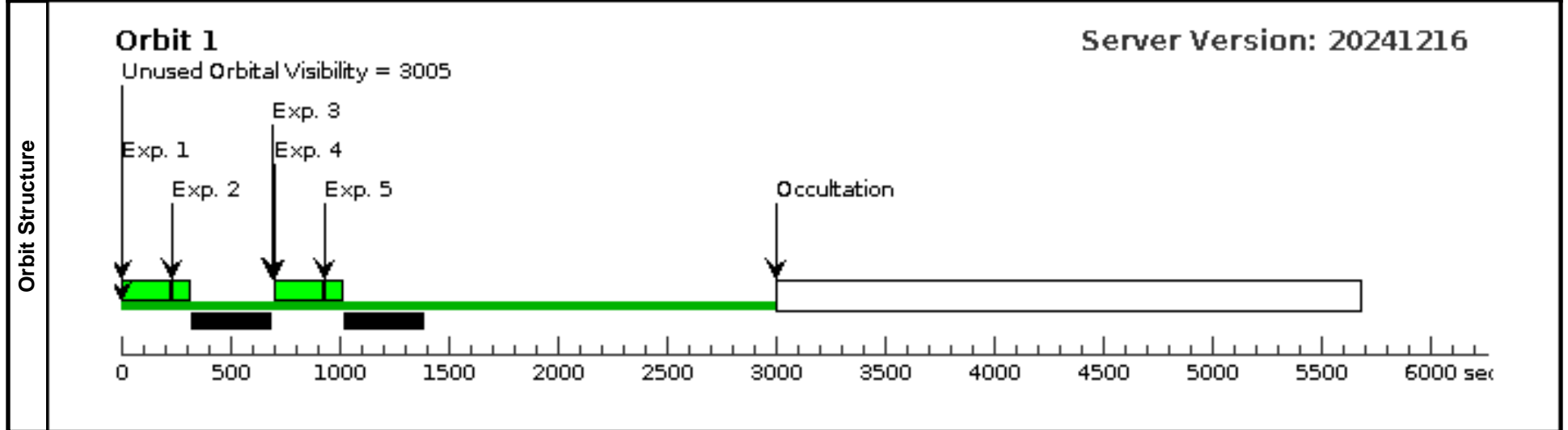


Proposal 17671 - January (14) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, January (14), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 14,13 WITHIN 1D; PARALLEL <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | |
| | | | | | | | | | | |

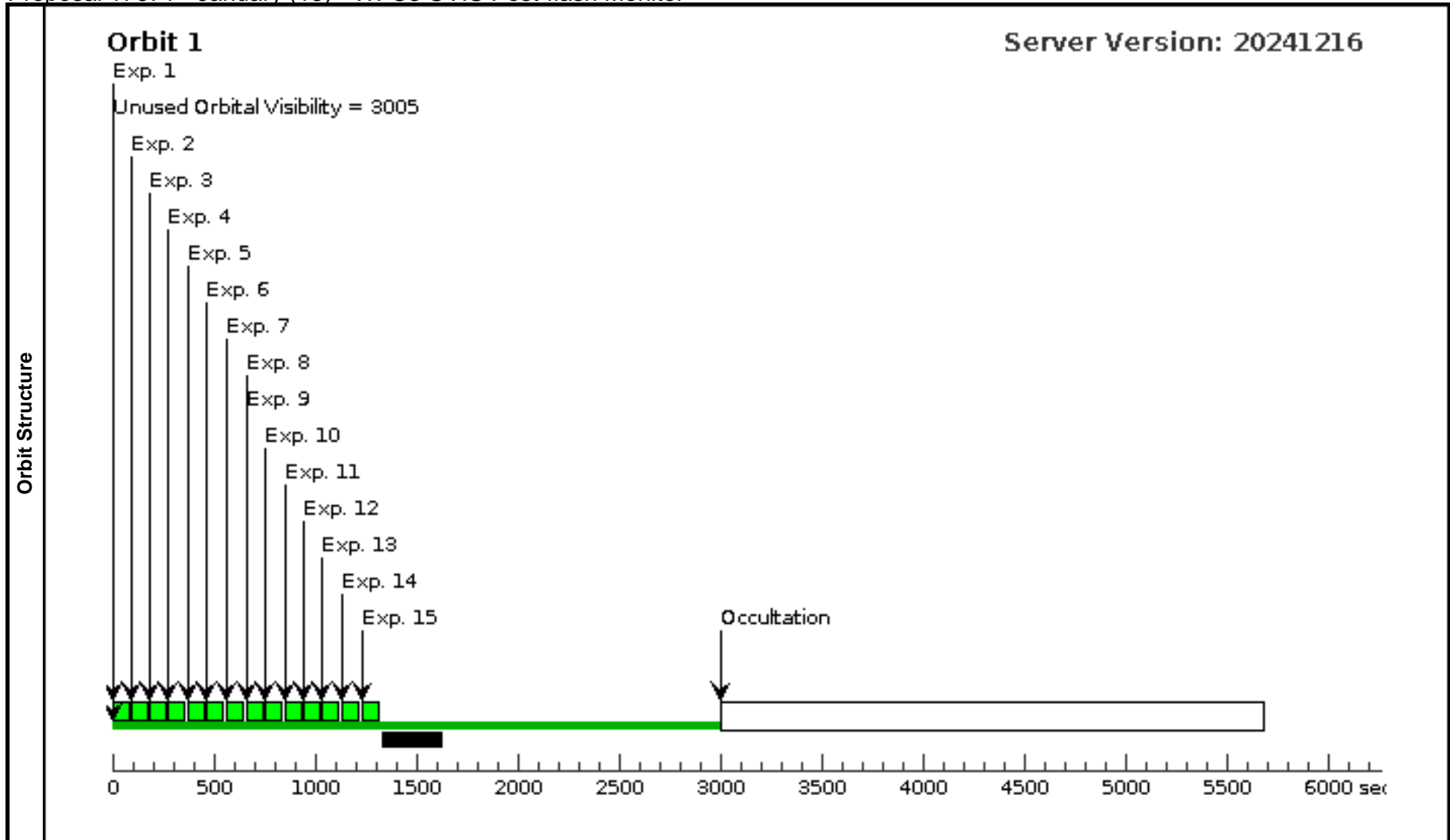
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - January (15) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| Visit | Proposal 17671, January (15), completed | | | | | | | | | |
|-----------|---|---------------------|--------------------|-----------------------------------|-----------------------------------|--------------------|--------------------------|--------|---------------------------------|------------------------------|
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 15,13 WITHIN 1D; PARALLEL Comments: Subarray flash brightness monitor | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) [==>] |
| 2 | | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 3 | | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 4 | | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 5 | | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 6 | | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 7 | | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 8 | | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) [==>] | [1] |
| 9 | | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 10 | | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 11 | | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 12 | | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 13 | | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 14 | | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 15 | | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |

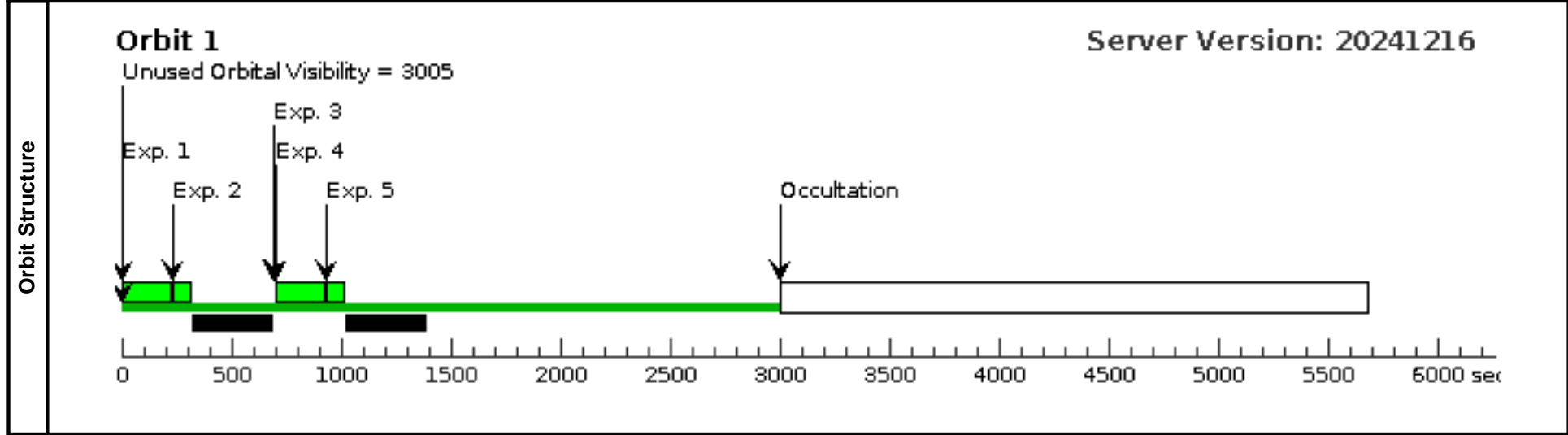


Proposal 17671 - February (16) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, February (16), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 04-FEB-2025:00:00:00 AND 24-FEB-2025:00:00:00; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

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

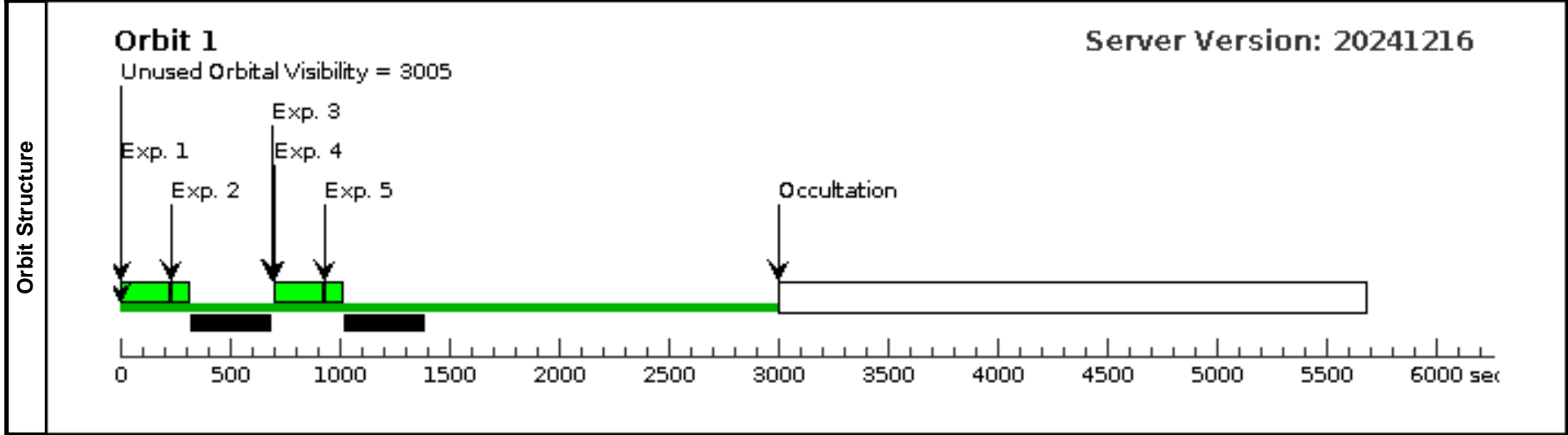


Proposal 17671 - February (17) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, February (17), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 17,16 WITHIN 1D; PARALLEL <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | |

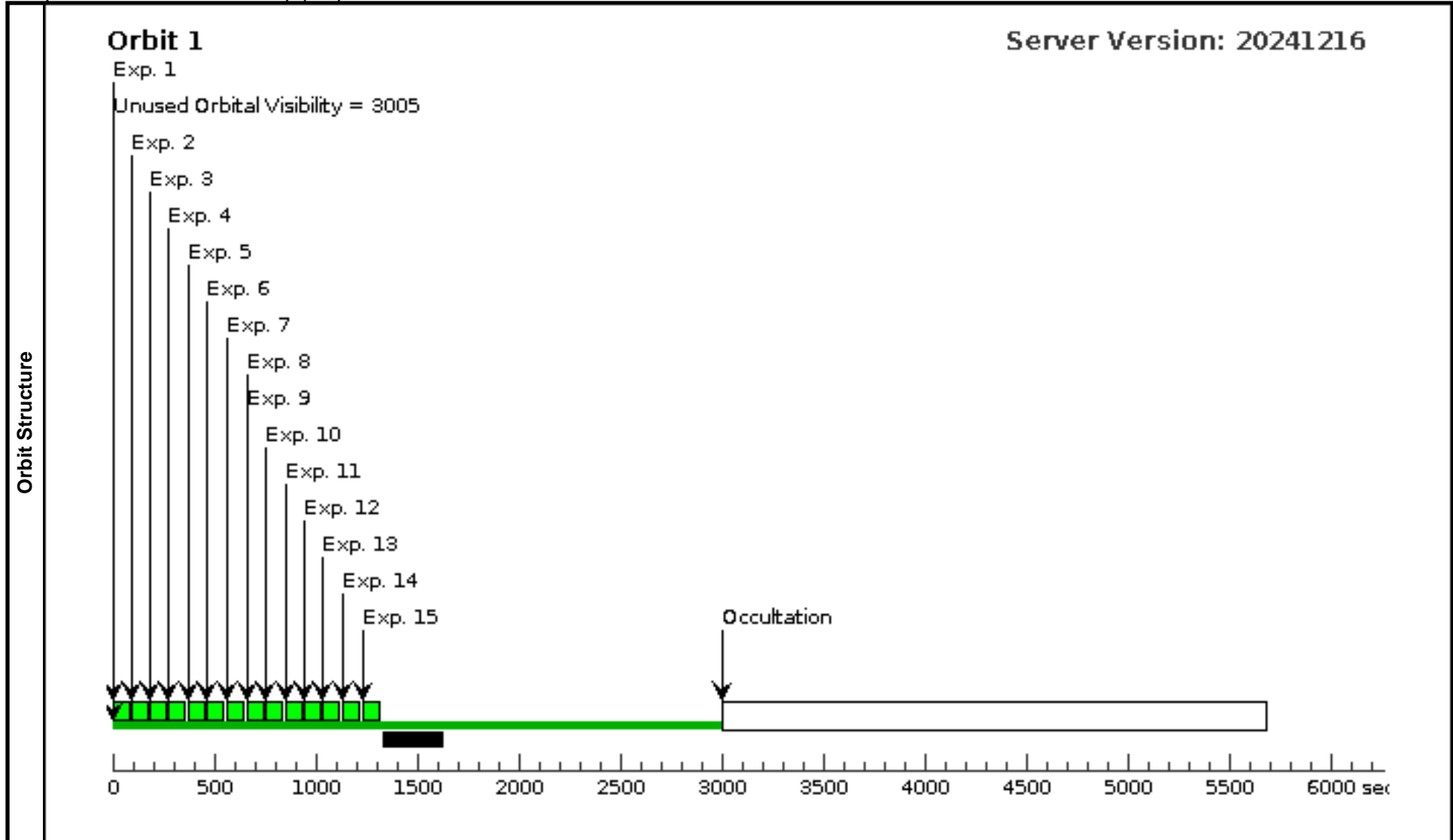
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - February (18) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| Visit | Proposal 17671, February (18), completed | | | | | | | | | |
|---|--|---------------------|--------|-----------------------------------|---------------|--------------------|--------------------------|--------|---------------------------------|-------|
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| Scientific Instruments: WFC3/UVIS, S/C | | | | | | | | | | |
| Special Requirements: GROUP 18,16 WITHIN 1D; PARALLEL | | | | | | | | | | |
| Comments: Subarray flash brightness monitor | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |

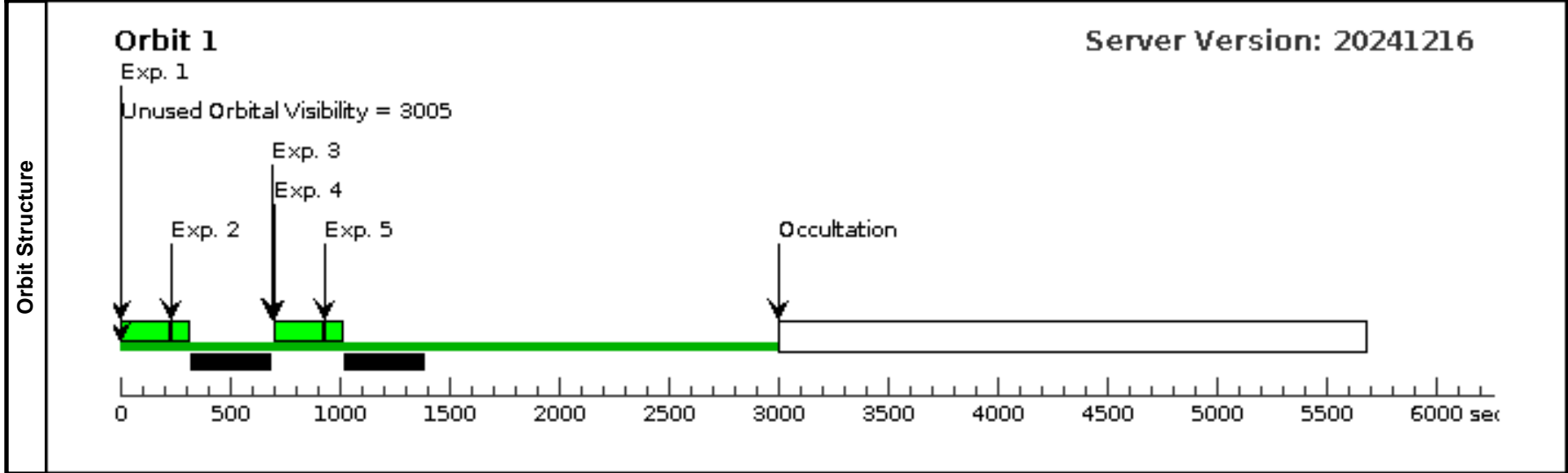


Proposal 17671 - March (19) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, March (19), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 04-MAR-2025:00:00:00 AND 24-MAR-2025:00:00:00; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

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

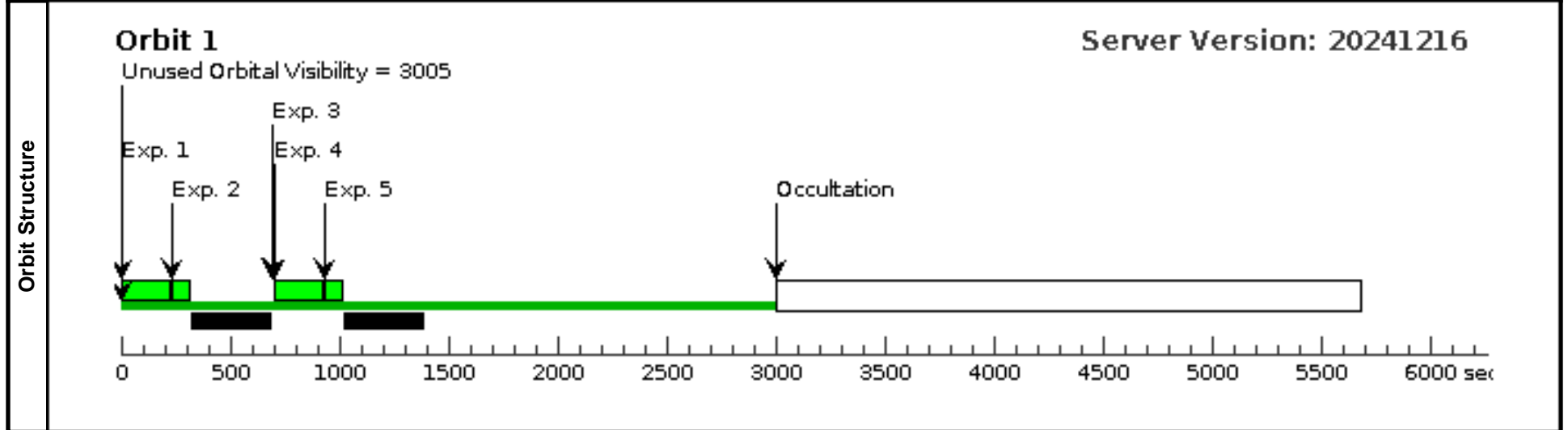


Proposal 17671 - March (20) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, March (20), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 20,19 WITHIN 1D; PARALLEL <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | |
| | | | | | | | | | | |

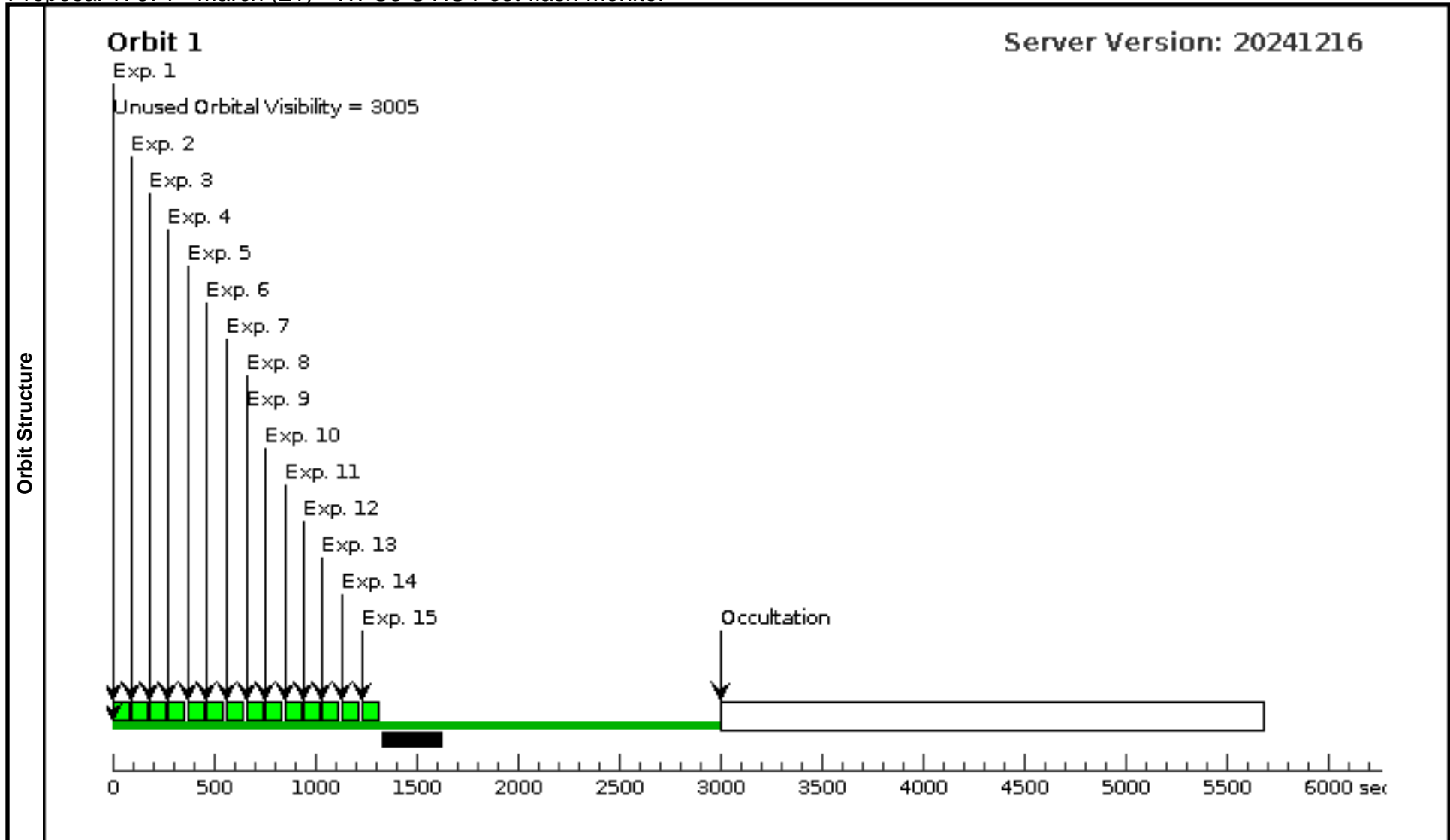
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - March (21) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| Visit | Proposal 17671, March (21), completed | | | | | | | | | |
|---|---------------------------------------|---------------------|--------|-----------------------------------|---------------|--------------------|--------------------------|--------|---------------------------------|-------|
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| Scientific Instruments: WFC3/UVIS, S/C | | | | | | | | | | |
| Special Requirements: GROUP 21,19 WITHIN 1D; PARALLEL | | | | | | | | | | |
| Comments: Subarray flash brightness monitor | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |

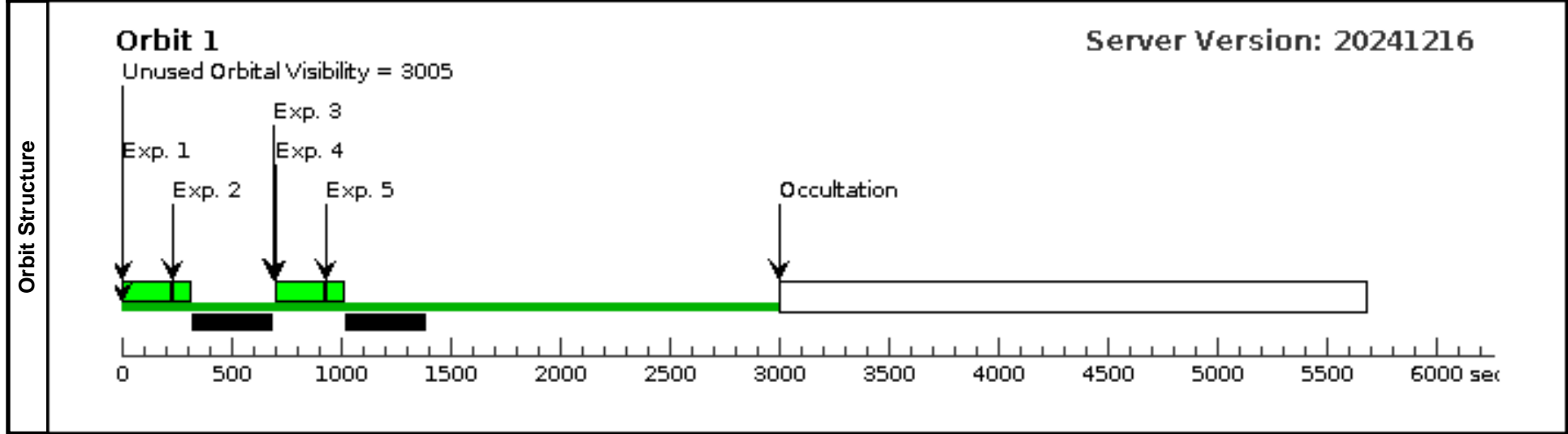


Proposal 17671 - April (22) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, April (22), scheduled Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 01-APR-2025:00:00:00 AND 21-APR-2025:00:00:00; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

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

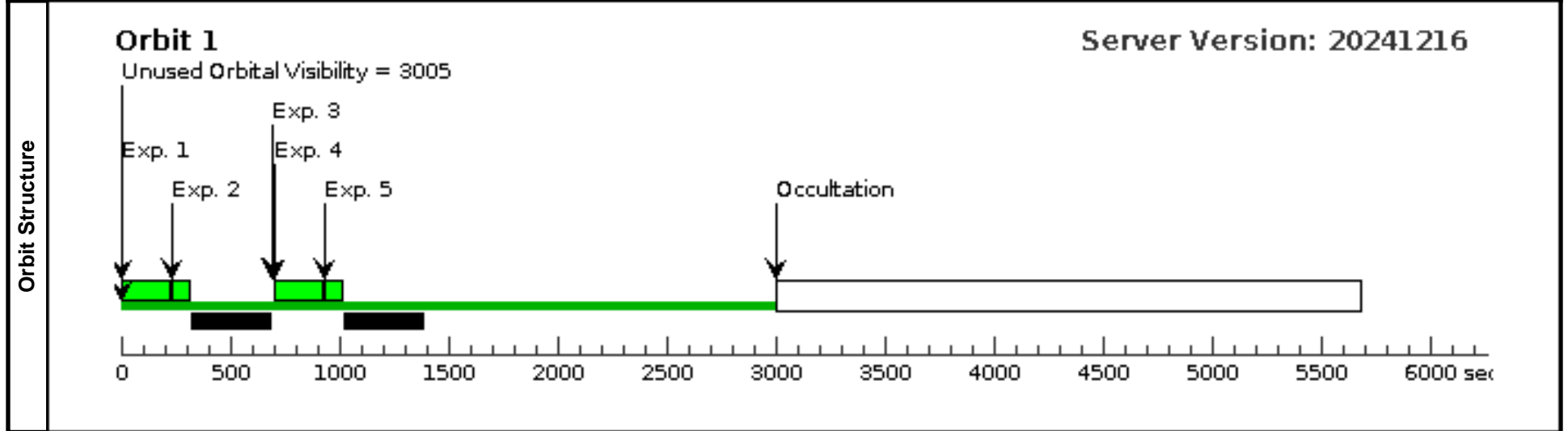


Proposal 17671 - April (23) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, April (23), scheduled Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 23,22 WITHIN 1D; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

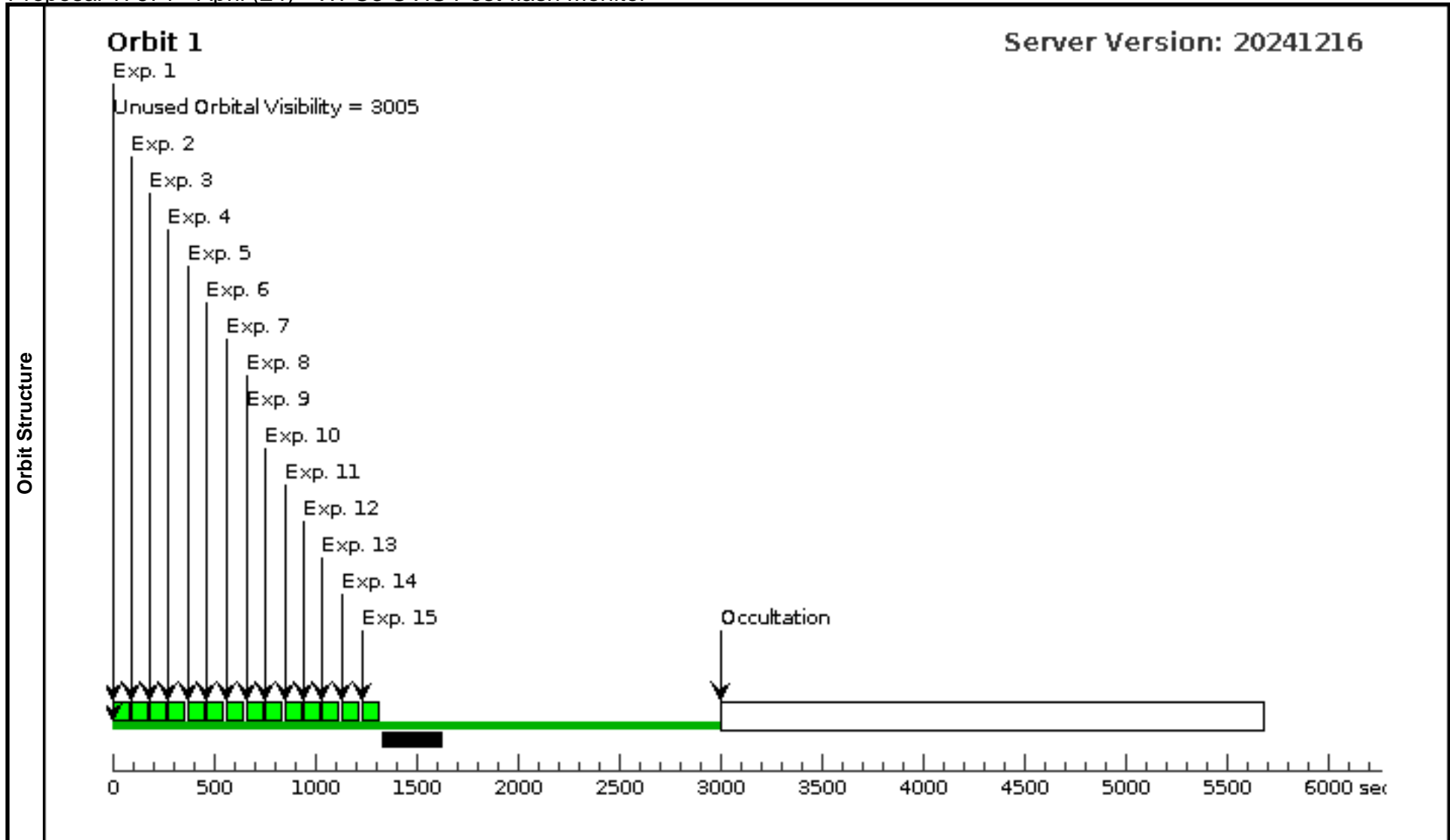
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - April (24) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| Visit | Proposal 17671, April (24), scheduled | | | | | | | | | |
|---|---------------------------------------|---------------------|--------|-----------------------------------|---------------|--------------------|--------------------------|--------|---------------------------------|-------|
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| Scientific Instruments: WFC3/UVIS, S/C | | | | | | | | | | |
| Special Requirements: GROUP 24,22 WITHIN 1D; PARALLEL | | | | | | | | | | |
| Comments: Subarray flash brightness monitor | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |

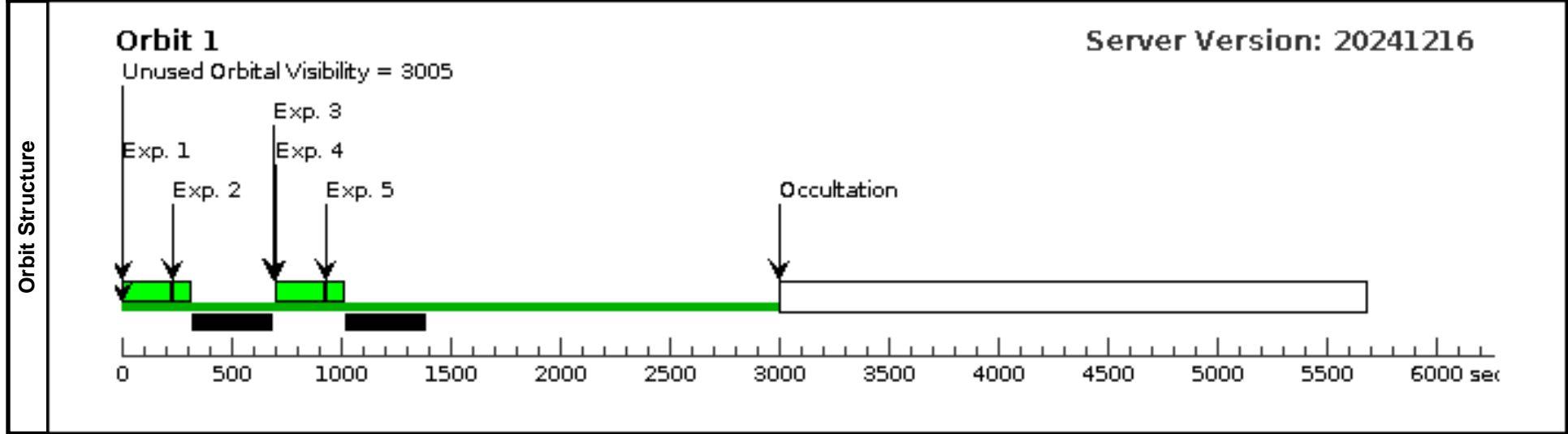


Proposal 17671 - May (25) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, May (25), pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 06-MAY-2025:00:00:00 AND 26-MAY-2025:00:00:00; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

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

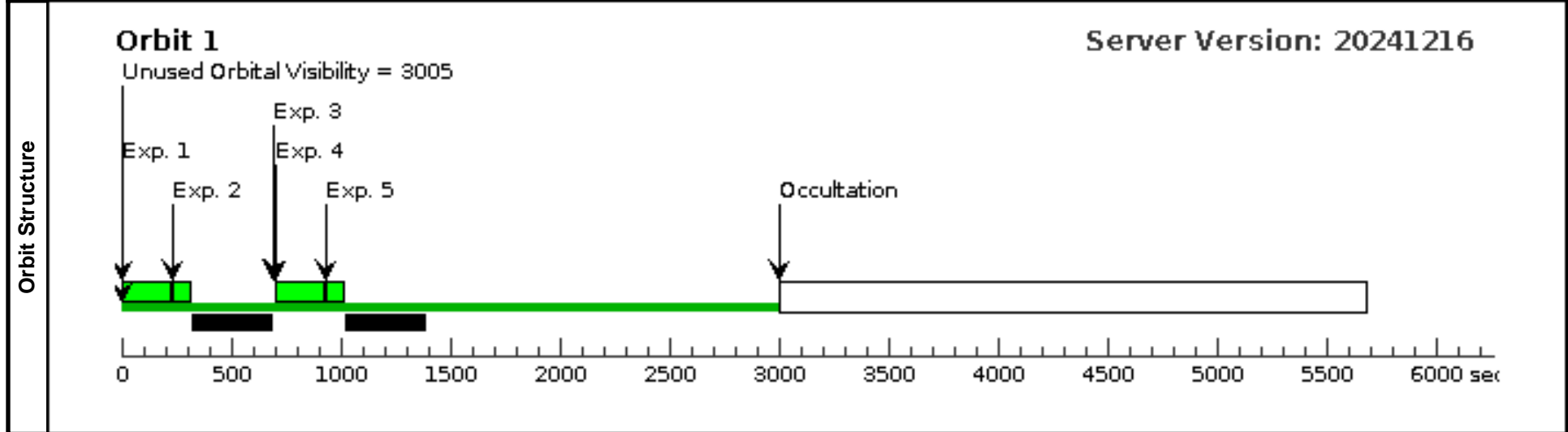


Proposal 17671 - May (26) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, May (26), pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 26,25 WITHIN 1D; PARALLEL <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | |
| | | | | | | | | | | |

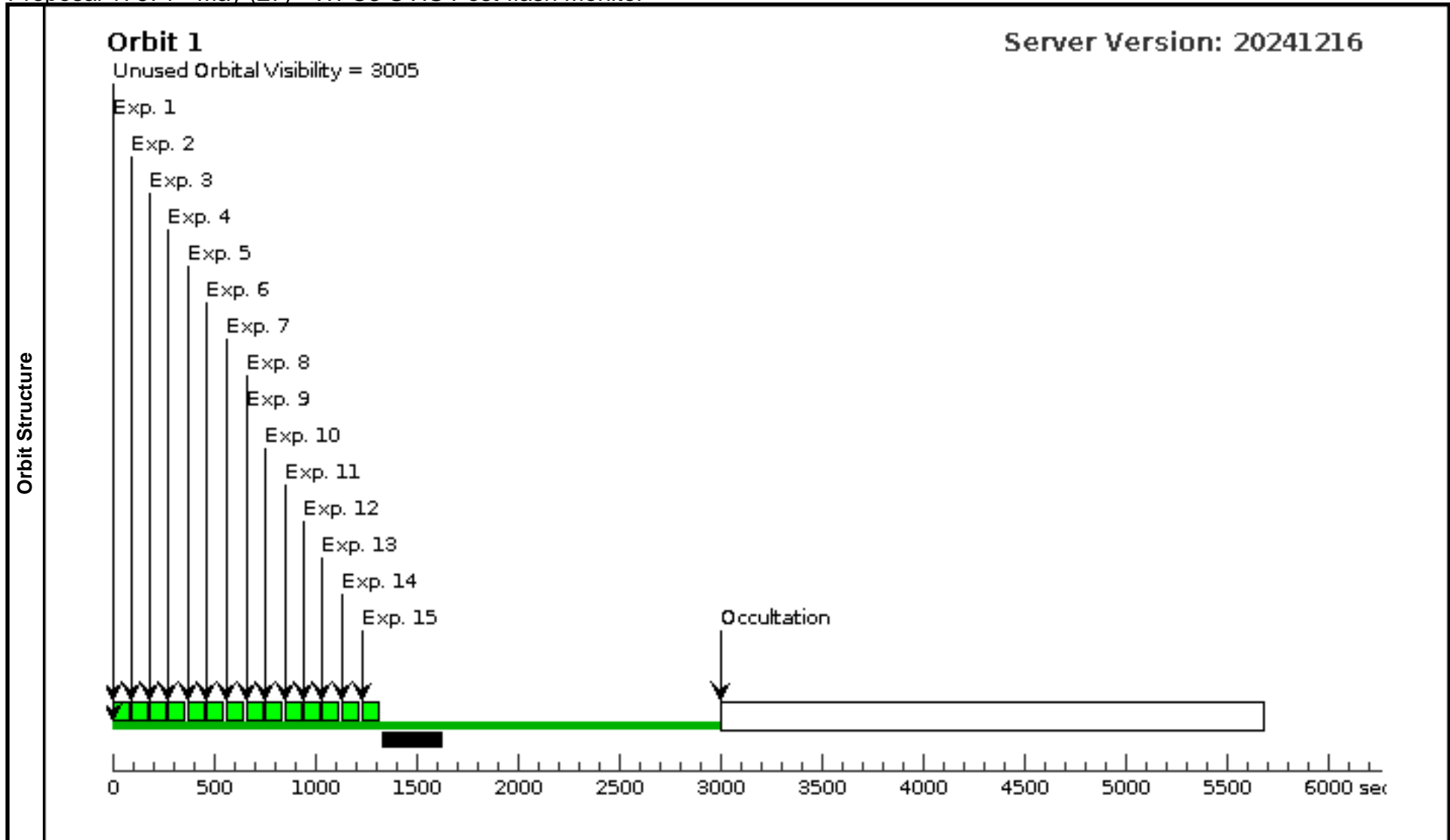
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - May (27) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:07 GMT 2025

| Visit | Proposal 17671, May (27), pi | | | | | | | | | |
|-----------|---|---------------------|----------------------|-----------------------------------|--------------|--------------------|--------------------------|---------------------------------|---------------------|-------|
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 27,25 WITHIN 1D; PARALLEL Comments: Subarray flash brightness monitor | | | | | | | | | |
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | | Orbit |
| | | | | | | | | | | |
| Exposures | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |

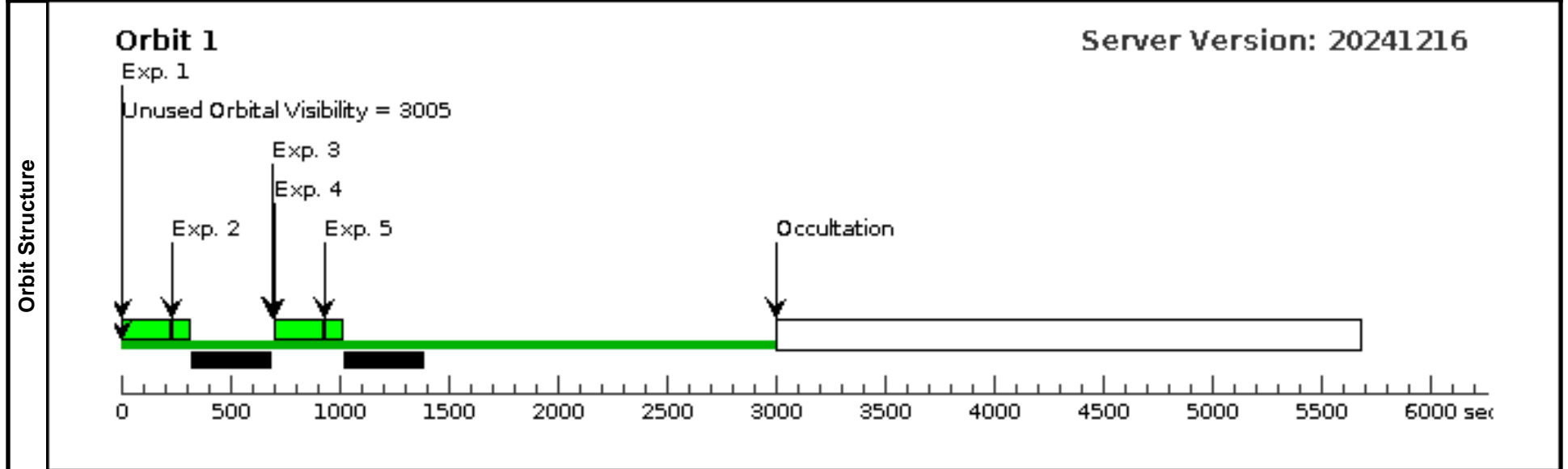


Proposal 17671 - June (28) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, June (28), pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 03-JUN-2025:00:00:00 AND 23-JUN-2025:00:00:00; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

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

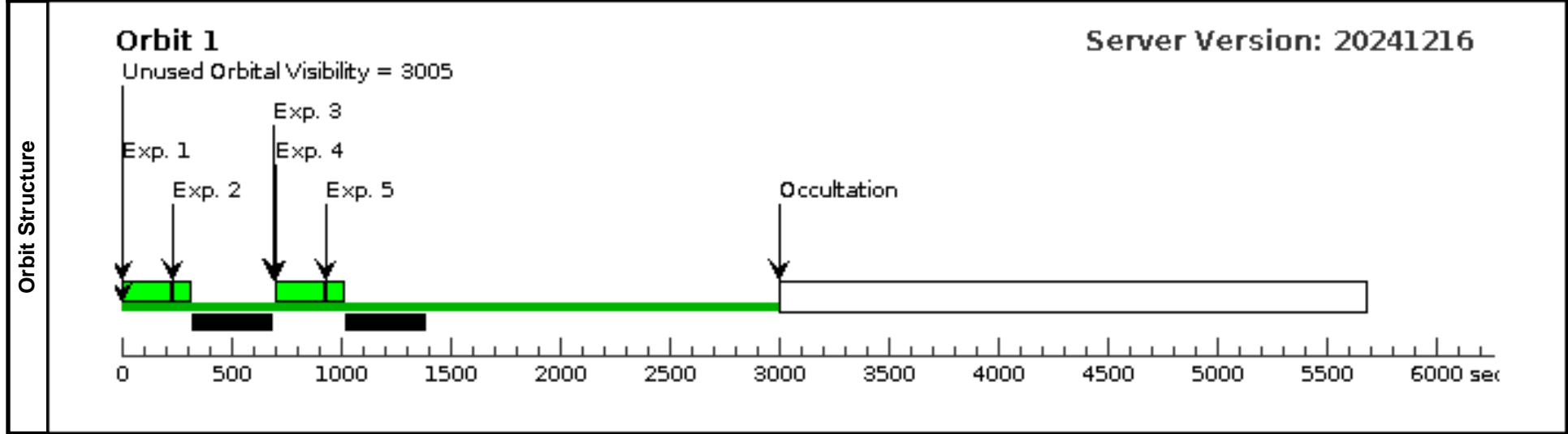


Proposal 17671 - June (29) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, June (29), pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 29,28 WITHIN 1D; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

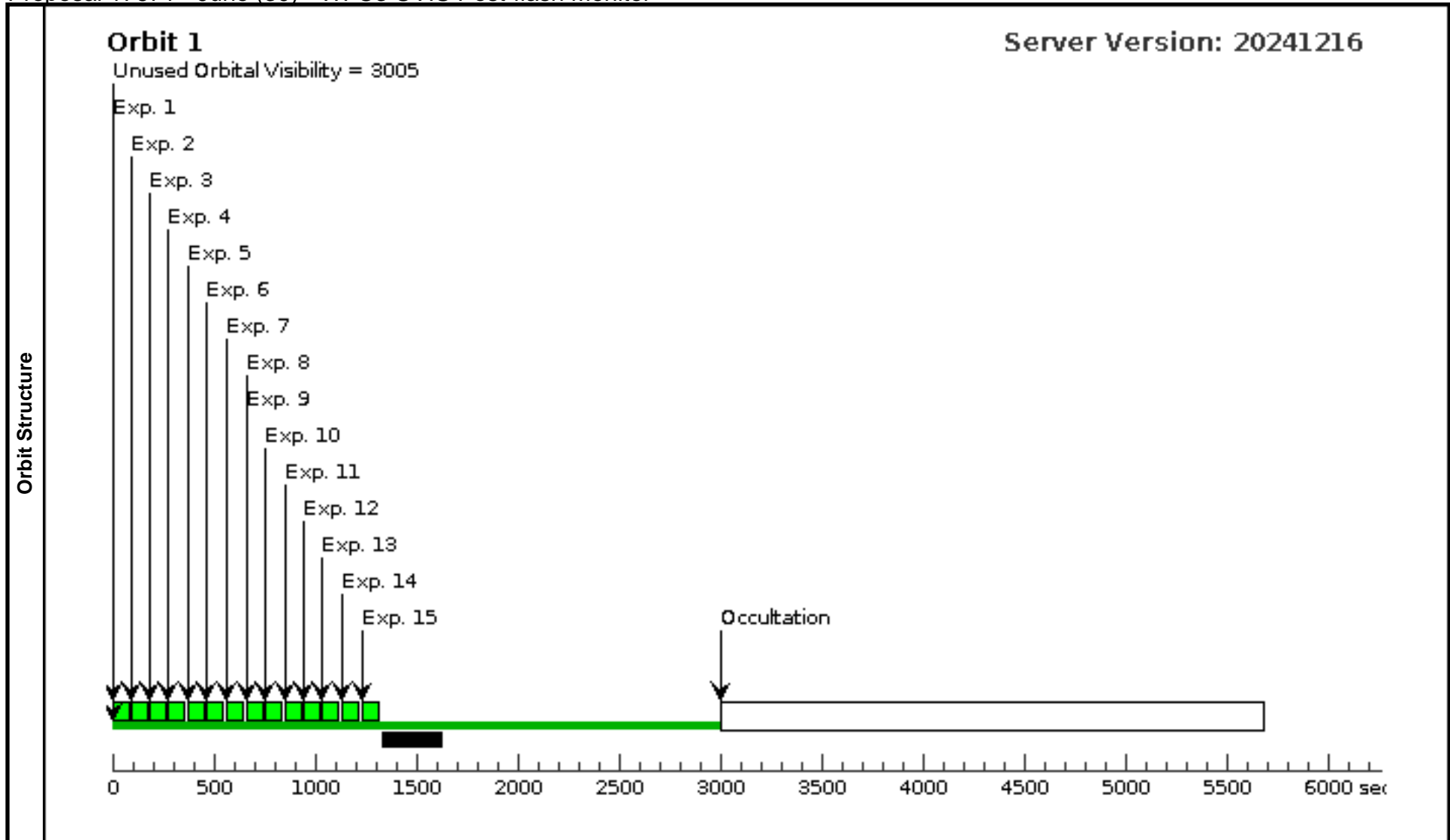
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - June (30) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| Visit | Proposal 17671, June (30), pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 30,28 WITHIN 1D; PARALLEL Comments: Subarray flash brightness monitor | | | | | | | | | |
|-----------|--|---------------------|--------|-----------------------------------|---------------|--------------------|--------------------------|--------|---------------------------------|-------|
| | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| Exposures | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 2 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 3 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 4 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 5 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 7 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) [==>] | [1] |
| | 9 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 10 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 11 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 12 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 13 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 14 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| | 15 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |

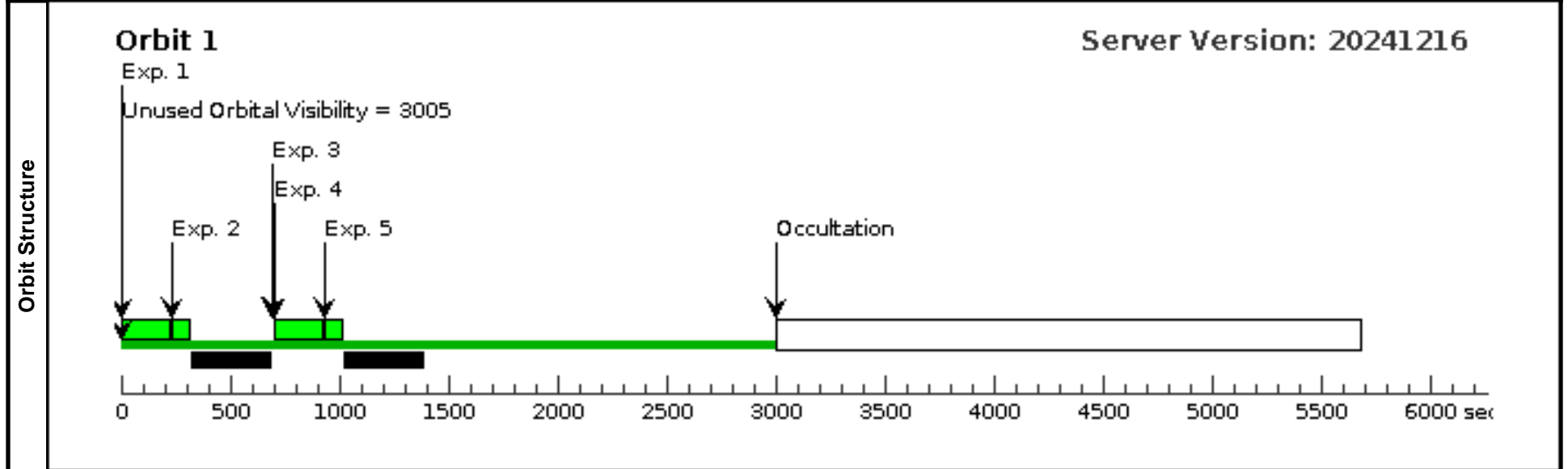


Proposal 17671 - July (31) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, July (31), pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 01-JUL-2025:00:00:00 AND 21-JUL-2025:00:00:00; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

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

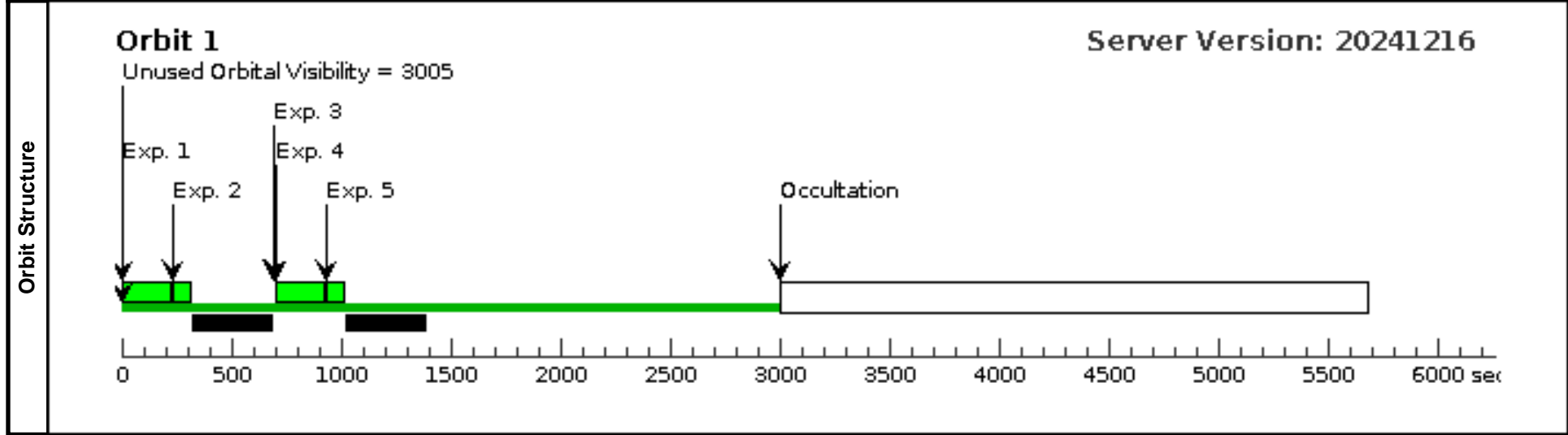


Proposal 17671 - July (32) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, July (32), pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 32,31 WITHIN 1D; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

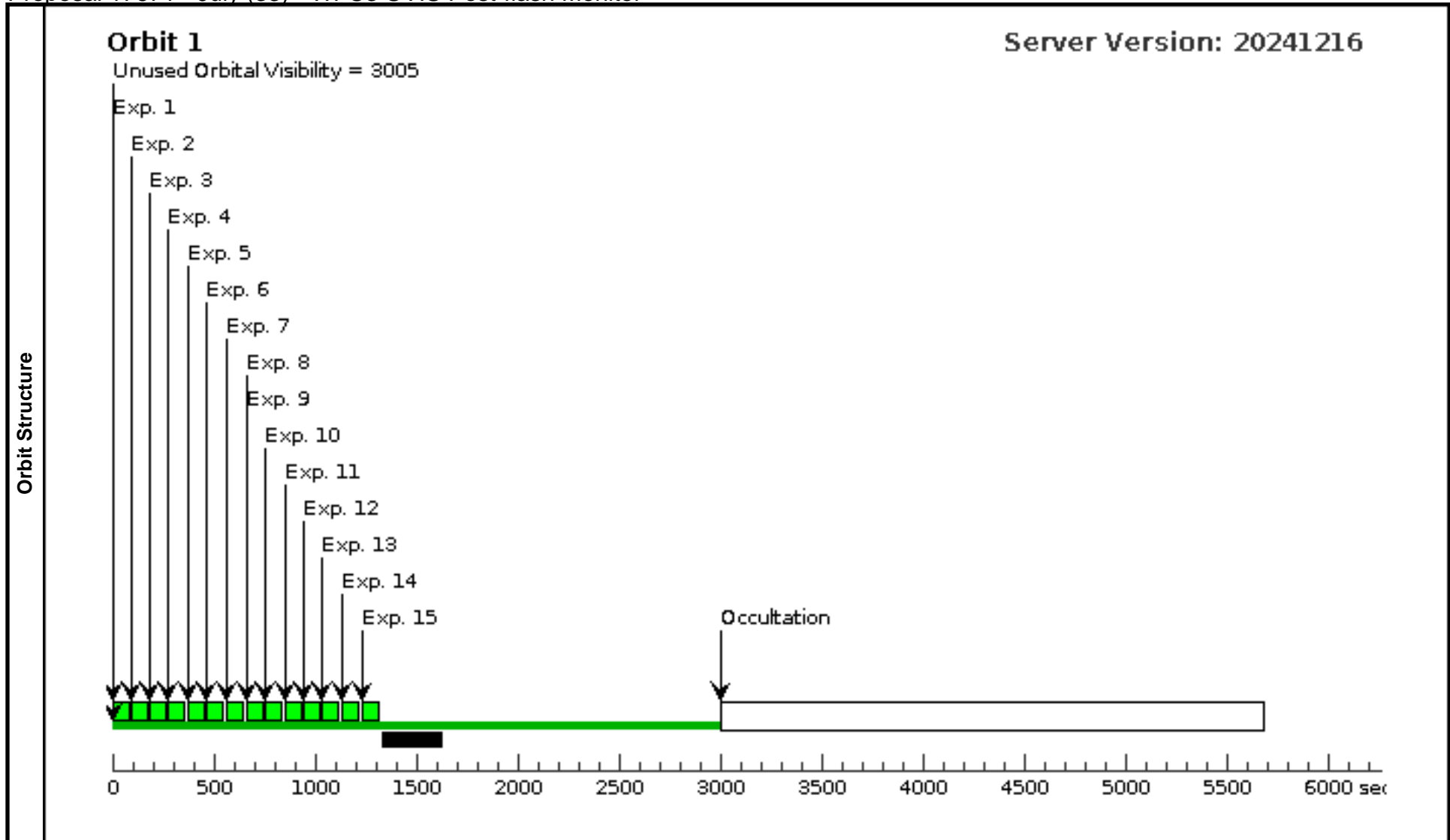
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - July (33) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| Visit | Proposal 17671, July (33), pi | | | | | | | | | |
|-----------|---|---------------------|----------------------|-----------------------------------|--------------|--------------------|--------------------------|---------------------------------|---------------------|-------|
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 33,31 WITHIN 1D; PARALLEL Comments: Subarray flash brightness monitor | | | | | | | | | |
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | | Orbit |
| | | | | | | | | | | |
| Exposures | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |

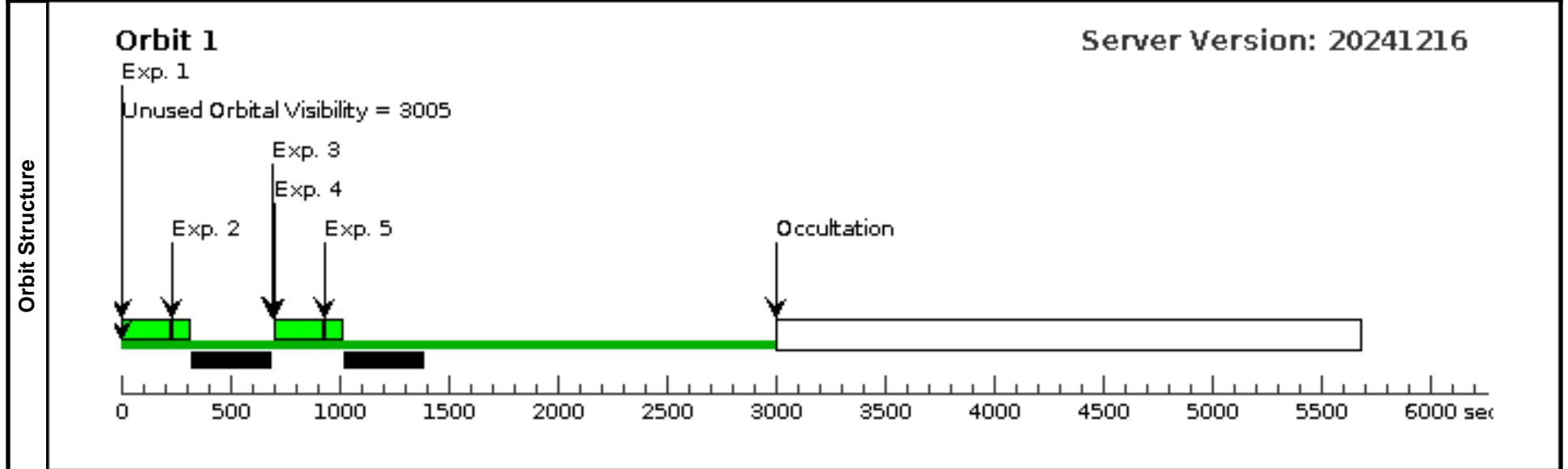


Proposal 17671 - August (34) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, August (34), pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: BETWEEN 29-JUL-2025:00:00:00 AND 18-AUG-2025:00:00:00; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

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

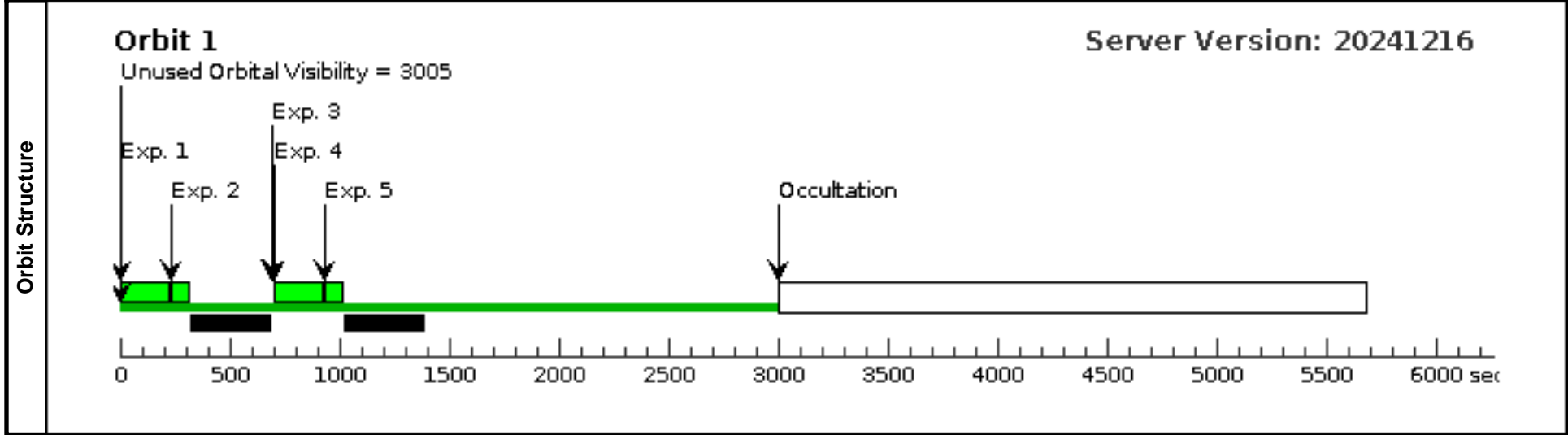


Proposal 17671 - August (35) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, August (35), pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 35,34 WITHIN 1D; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

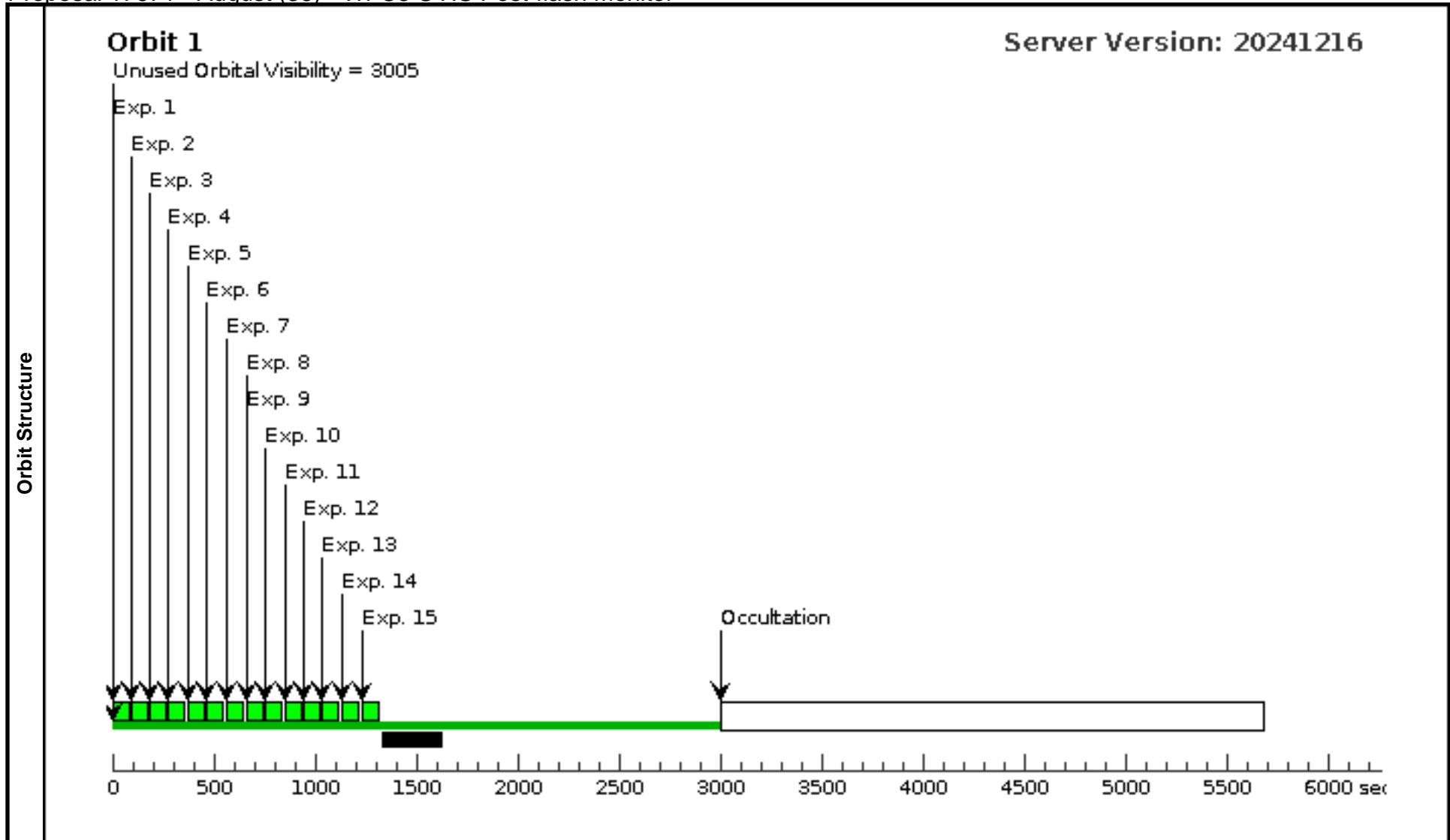
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - August (36) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| Visit | Proposal 17671, August (36), pi | | | | | | | | | |
|-----------|---|---------------------|----------------------|-----------------------------------|--------------|--------------------|--------------------------|---------------------------------|---------------------|-------|
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 36,34 WITHIN 1D; PARALLEL Comments: Subarray flash brightness monitor | | | | | | | | | |
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | | Orbit |
| | | | | | | | | | | |
| Exposures | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |

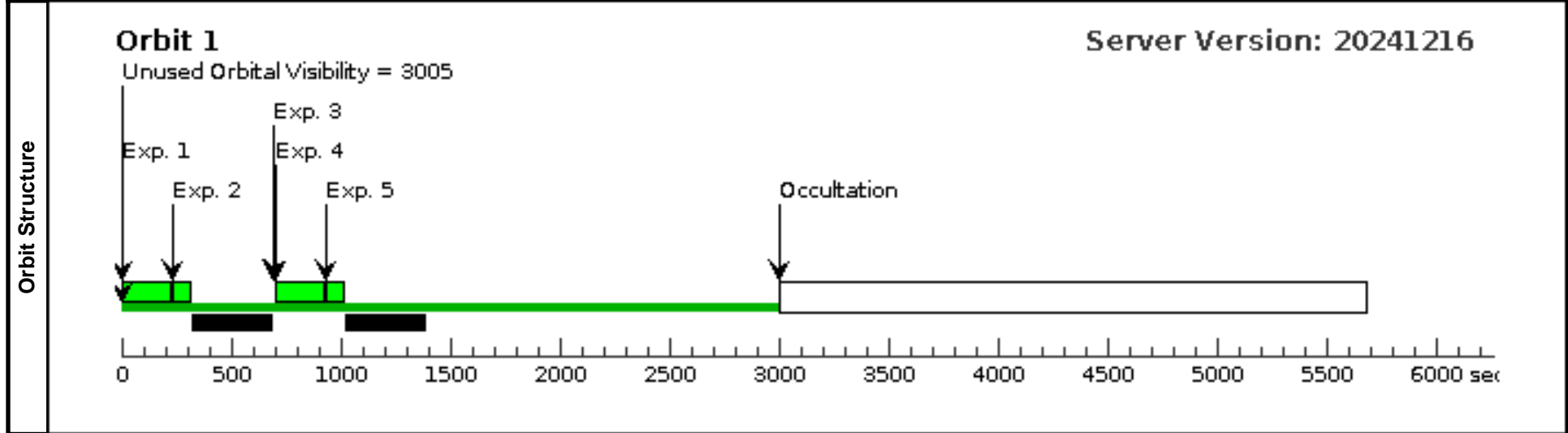


Proposal 17671 - September (37) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, September (37), pi | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS, S/C | | | | | | | | | |
| | Special Requirements: BETWEEN 26-AUG-2025:00:00:00 AND 15-SEP-2025:00:00:00; PARALLEL | | | | | | | | | |
| <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | | |

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

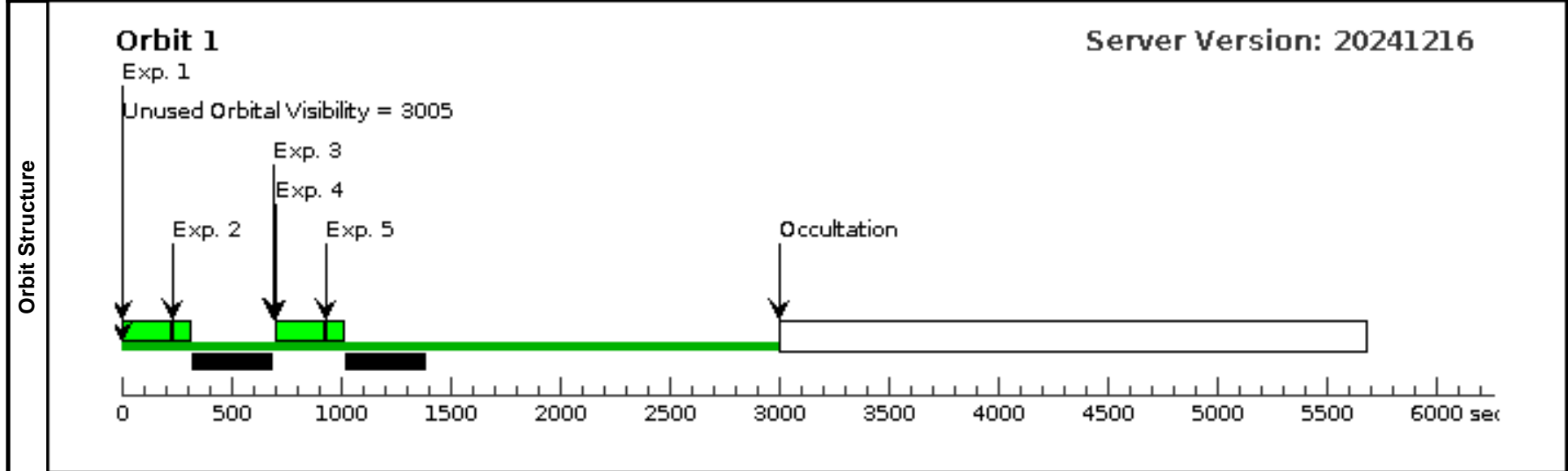


Proposal 17671 - September (38) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, September (38), pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 38,37 WITHIN 1D; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

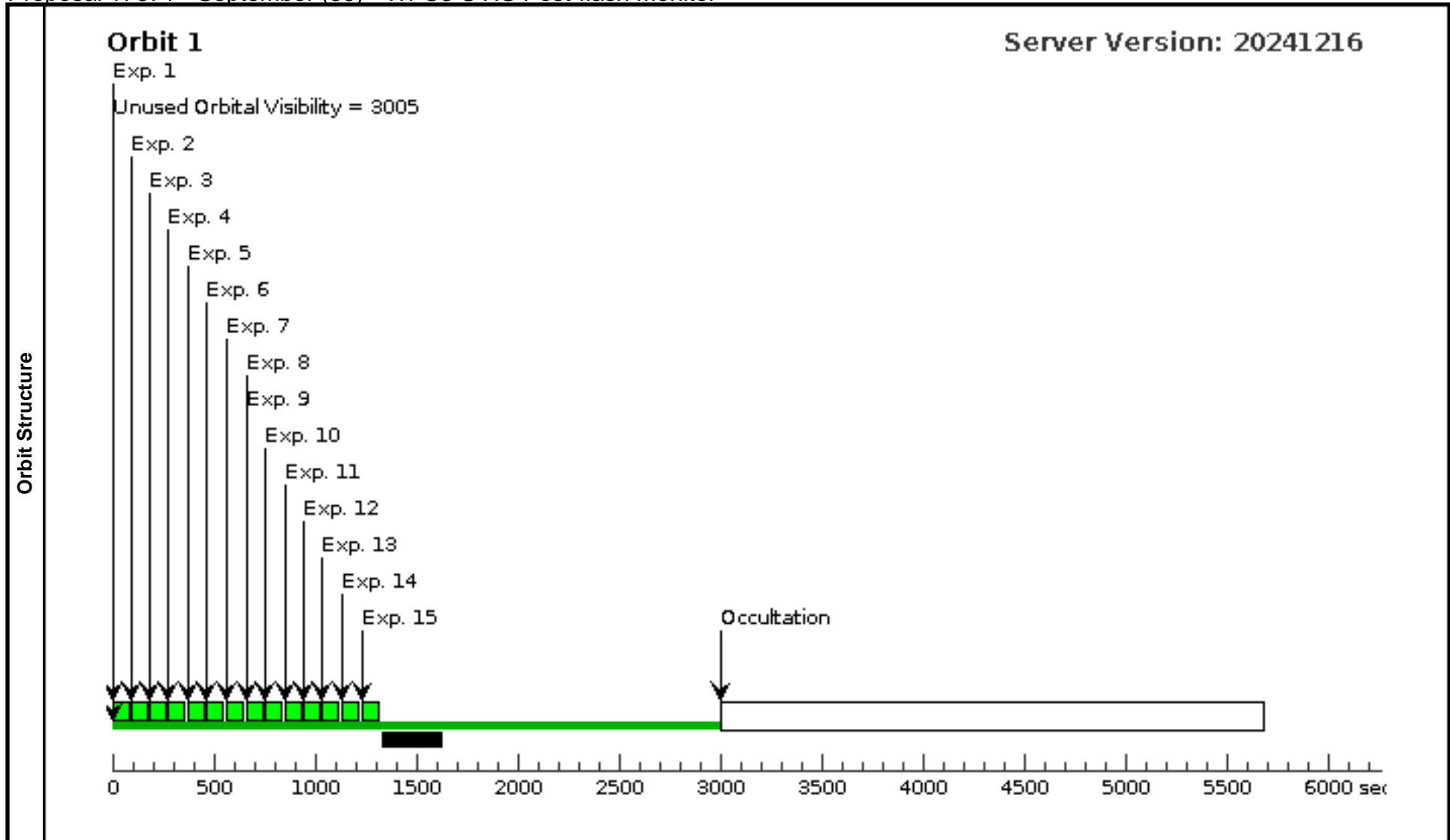
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - September (39) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| Visit | Proposal 17671, September (39), pi | | | | | | | | | |
|-----------|---|---------------------|--------------------|-----------------------------------|-----------------------------------|--------------------|-------------------|--------------------------|---------------------------------|------------------------------|
| | Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 39,37 WITHIN 1D; PARALLEL Comments: Subarray flash brightness monitor | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) [==>] |
| 2 | | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 3 | | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 4 | | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 5 | | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 6 | | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 7 | | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 8 | | Toggle Shutter | DARK | S/C, DATA, NONE | | | | SPEC COM INSTR EISHUTTER | 4 Secs (4 Secs) [==>] | [1] |
| 9 | | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 10 | | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 11 | | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 12 | | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 13 | | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 14 | | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |
| 15 | | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) [==>] | [1] |

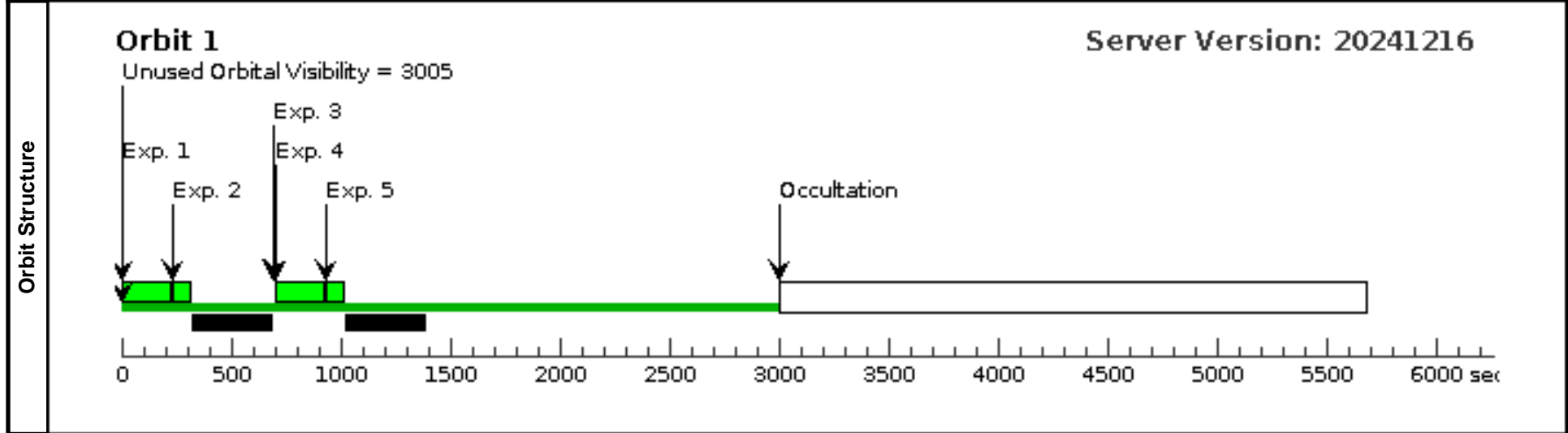


Proposal 17671 - October (40) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, October (40), pi | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS, S/C | | | | | | | | | |
| | Special Requirements: BETWEEN 23-SEP-2025:00:00:00 AND 13-OCT-2025:00:00:00; PARALLEL | | | | | | | | | |
| <i>Comments: Very bright flash on each shutter</i> | | | | | | | | | | |

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

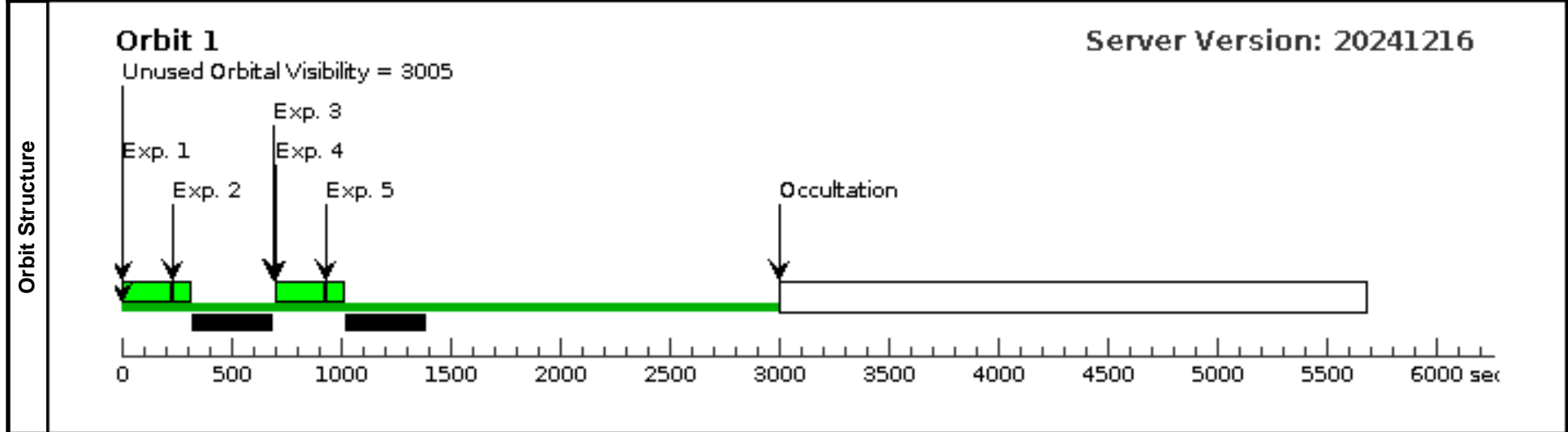


Proposal 17671 - October (41) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, October (41), pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, S/C Special Requirements: GROUP 41,40 WITHIN 1D; PARALLEL Comments: Very bright flash on each shutter | | | | | | | | | |
| | | | | | | | | | | |

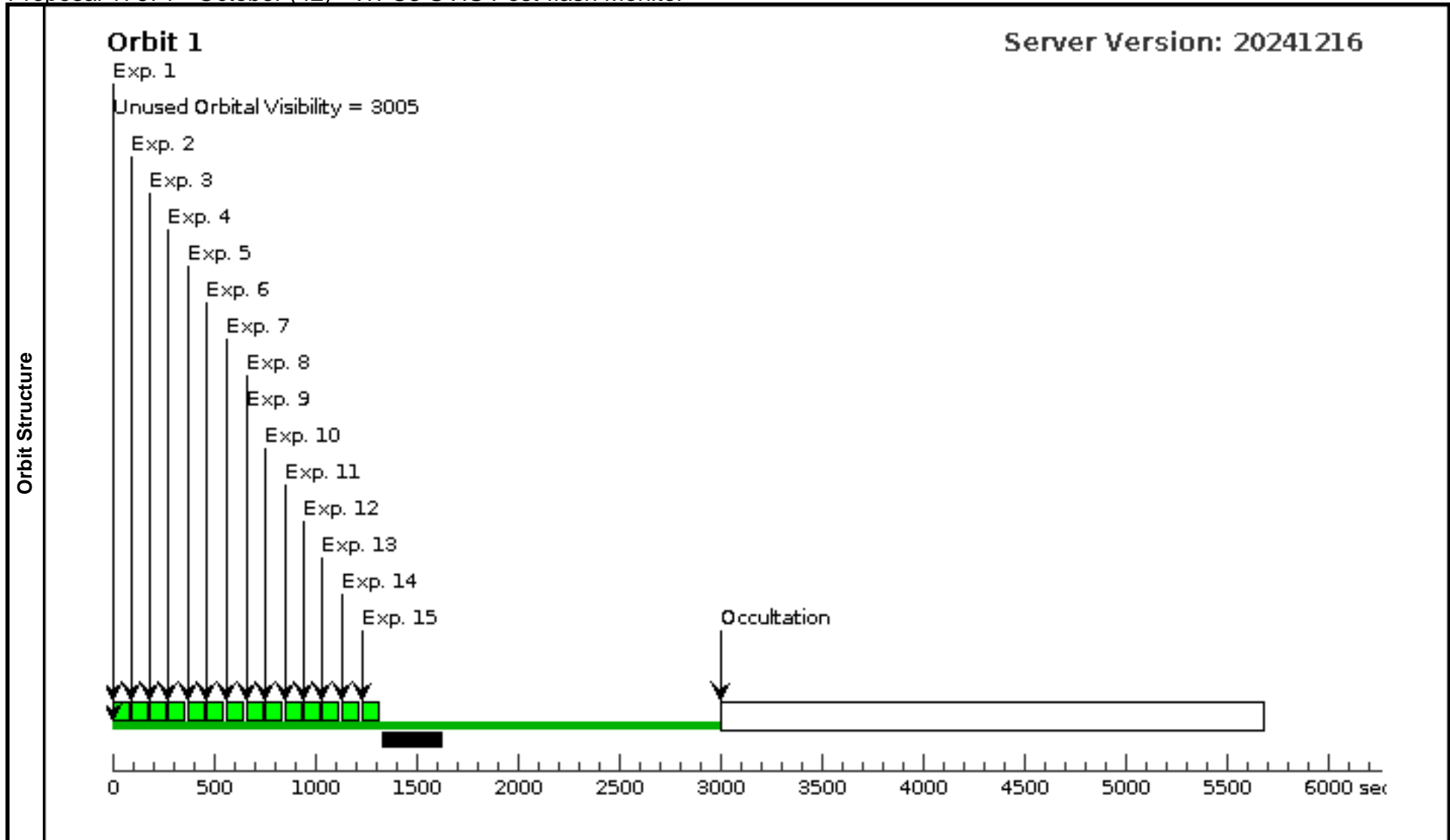
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|------------------|---|----------------------|-------------------|-----------------------------------|------------------------|---|---|--------|---------------------------------|-----------------------------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



Proposal 17671 - October (42) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| Visit | Proposal 17671, October (42), pi | | | | | | | | | |
|---|-----------------------------------|---------------------|--------|-----------------------------------|---------------|--------------------|--------------------------|--------|---------------------------------|-------|
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| Scientific Instruments: WFC3/UVIS, S/C | | | | | | | | | | |
| Special Requirements: GROUP 42,40 WITHIN 1D; PARALLEL | | | | | | | | | | |
| Comments: Subarray flash brightness monitor | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 2 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 3 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 4 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 5 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 6 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 7 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 8 | Toggle Shutter | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EISHUTTER | | 4 Secs (4 Secs) | [1] |
| | 9 | Subarray 3 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=3 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 10 | Subarray 5 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=5 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 11 | Subarray 8 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=8 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 12 | Subarray 10 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=10 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 13 | Subarray 15 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=15 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 14 | Subarray 20 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=20 | | | 0.5 Secs (0.5 Secs) | [1] |
| | 15 | Subarray 22 e-Flash | DARK | WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB | DEF | GAIN=1.5; FLASH=22 | | | 0.5 Secs (0.5 Secs) | [1] |

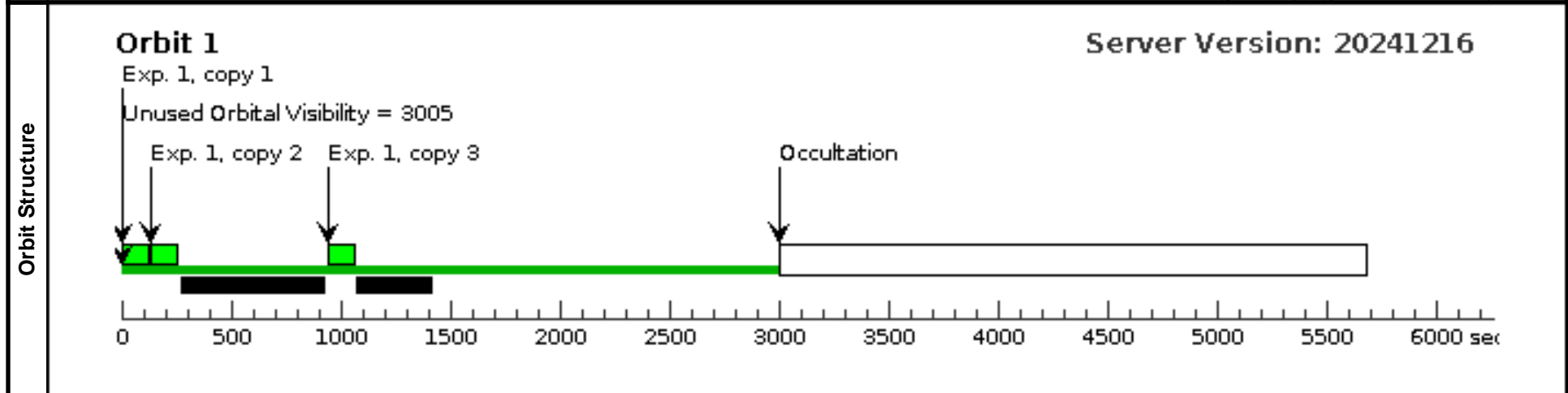


Proposal 17671 - refile 1 Shutter A (43) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, refile 1 Shutter A (43), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 28-NOV-2024:00:00:00 AND 12-FEB-2025:00:00:00; GROUP 43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60 WITHIN 14D; PARALLEL | | | | | | | | | |
| | | | | | | | | | | |

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



Proposal 17671 - refile 2 Shutter A (44) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

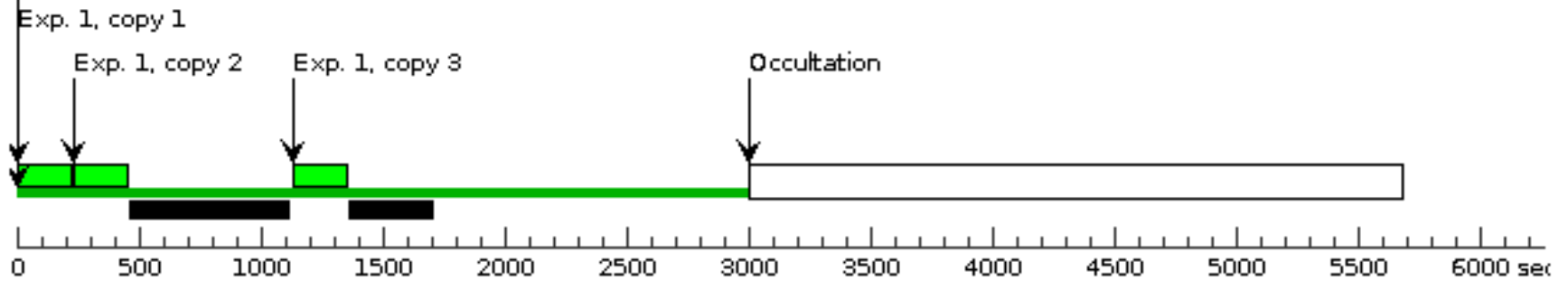
| Visit | Proposal 17671, refile 2 Shutter A (44), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PARALLEL | | | | | | | | | |
|-----------|--|----------------------|--------|------------------------|---------------|---|----------------------|--------|--|-------|
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | Post-Flash Shutter A | DARK | WFC3/UVIS, ACCUM, UVIS | DEF | FLASHEXP=0.3; GAIN=1.5; FLASHCUR=MEDI UM | QESIPARM BLAD E A | | 100 Secs X 3 (300 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] | [1] |

Orbit 1

Server Version: 20241216

Unused Orbital Visibility = 3005

Orbit Structure

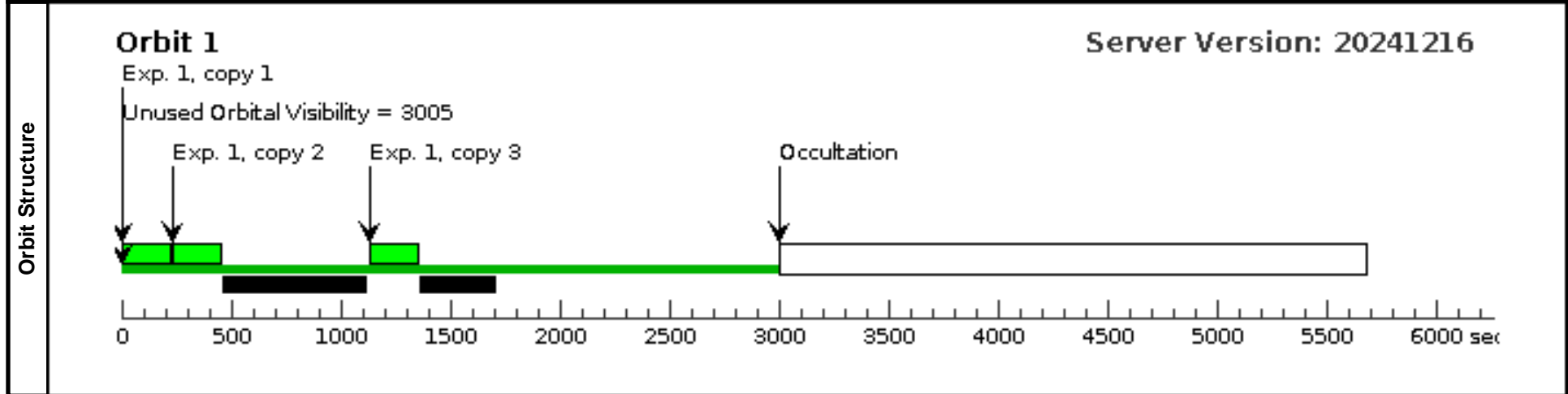


Proposal 17671 - refile 3 Shutter A (45) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, refile 3 Shutter A (45), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS | | | | | | | | | |
| | Special Requirements: PARALLEL | | | | | | | | | |

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

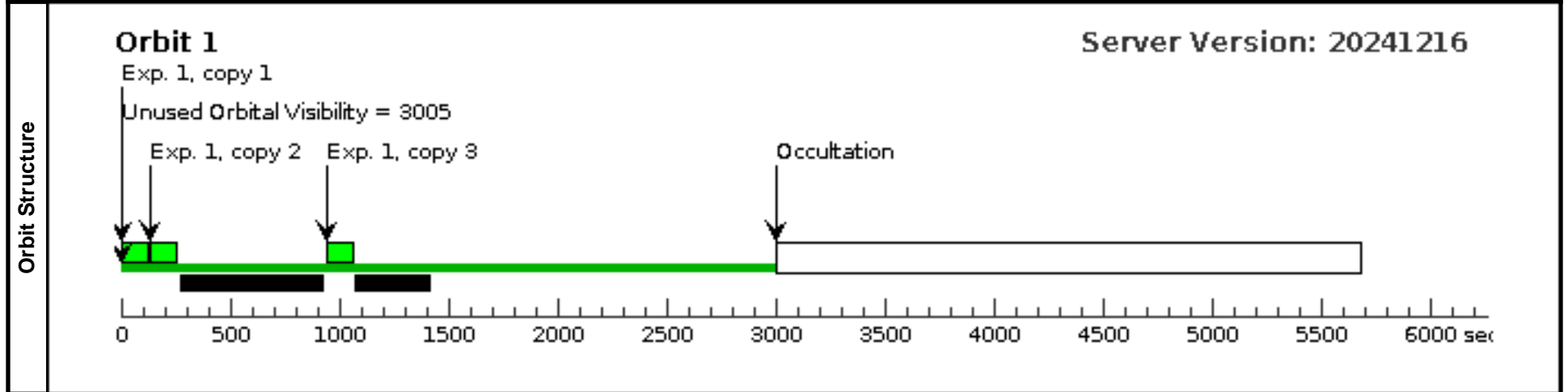


Proposal 17671 - refile 4 Shutter A (46) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, refile 4 Shutter A (46), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS | | | | | | | | | |
| | Special Requirements: PARALLEL | | | | | | | | | |

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



Proposal 17671 - refile 5 Shutter A (47) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|------------------------|--|--------------------------|---------------|-----------------------------|----------------------|---|----------------------|---------------|--|--------------|
| Visit | Proposal 17671, refile 5 Shutter A (47), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PARALLEL | | | | | | | | | |
| | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | Post-Flash S hutter A | DARK | WFC3/UVIS, ACCUM, UVIS | DEF | FLASHEXP=0.3; GAIN=1.5; FLASHCUR=MEDI UM | QESIPARM BLAD E A | | 100 Secs X 3 (300 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] | [1] |
| Orbit Structure | <p>Orbit 1 Server Version: 20241216</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3005</p> <p>Exp. 1, copy 2 Exp. 1, copy 3 Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p> | | | | | | | | | |
| | | | | | | | | | | |

Proposal 17671 - refile 6 Shutter A (48) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

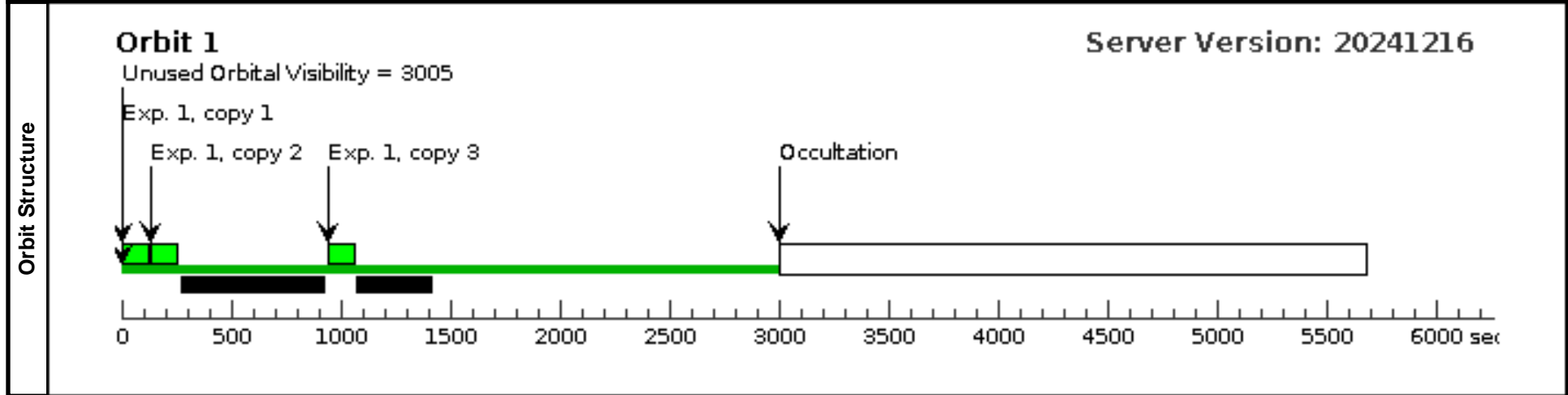
| | | | | | | | | | | |
|------------------------|--|--------------------|---------------|-----------------------------|----------------------|---|----------------------|---------------|--|--------------|
| Visit | Proposal 17671, refile 6 Shutter A (48), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PARALLEL | | | | | | | | | |
| | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | High S/N Shutter A | DARK | WFC3/UVIS, ACCUM, UVIS | DEF | GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100 | QESIPARM BLAD E A | | .5 Secs X 3 (1.5 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] | [1] |
| Orbit Structure | <p>Orbit 1 Server Version: 20241216</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3005</p> <p>Exp. 1, copy 2 Exp. 1, copy 3 Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p> | | | | | | | | | |
| | | | | | | | | | | |

Proposal 17671 - refile 7 Shutter A (49) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, refile 7 Shutter A (49), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS | | | | | | | | | |
| | Special Requirements: PARALLEL | | | | | | | | | |

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

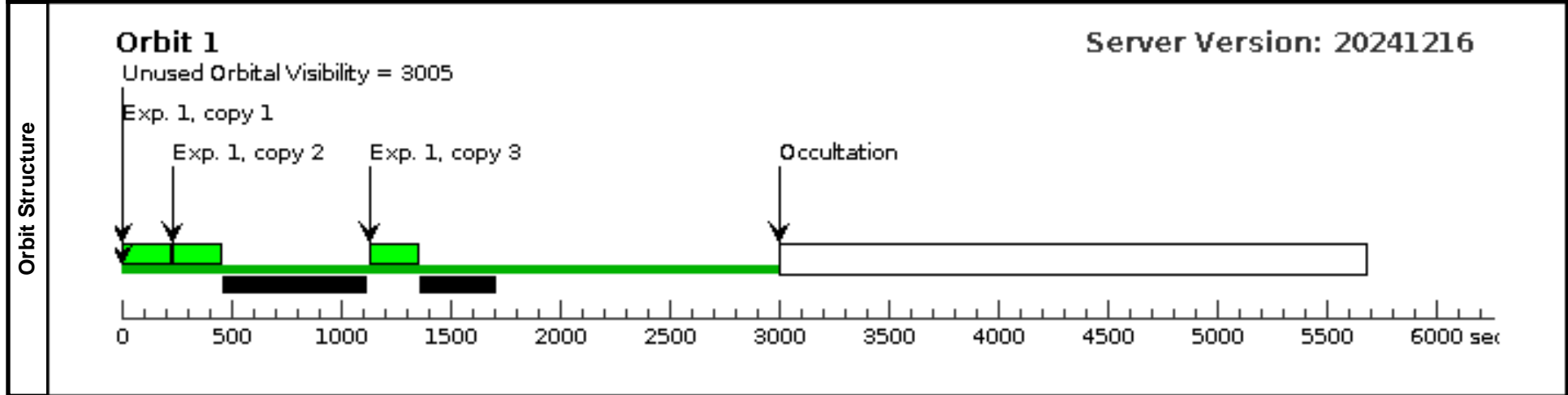


Proposal 17671 - reffile 8 Shutter A (50) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, reffile 8 Shutter A (50), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS | | | | | | | | | |
| | Special Requirements: PARALLEL | | | | | | | | | |

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

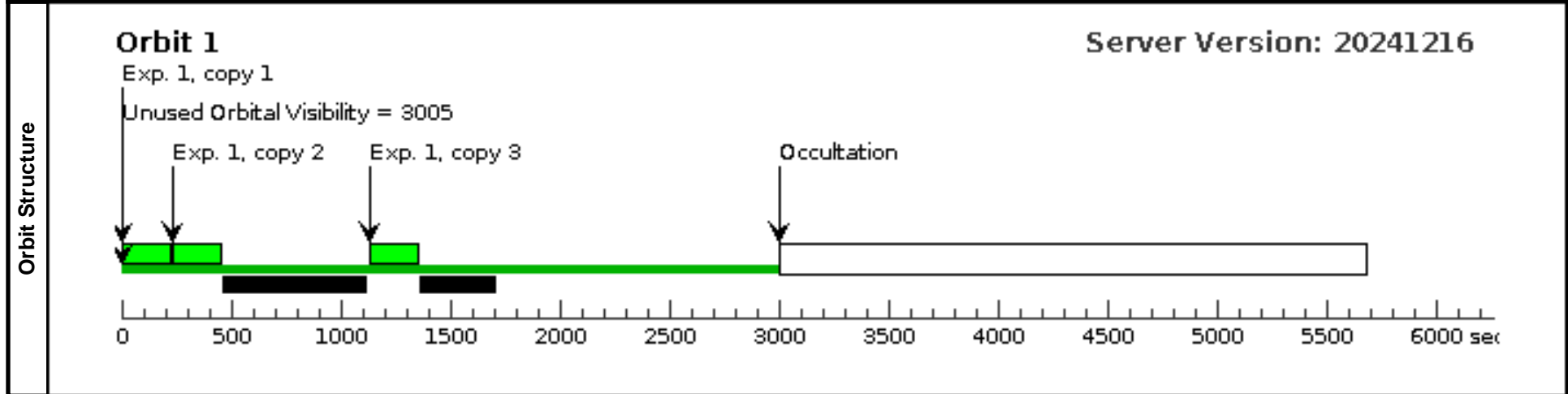


Proposal 17671 - refile 9 Shutter A (51) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, refile 9 Shutter A (51), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS | | | | | | | | | |
| | Special Requirements: PARALLEL | | | | | | | | | |

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

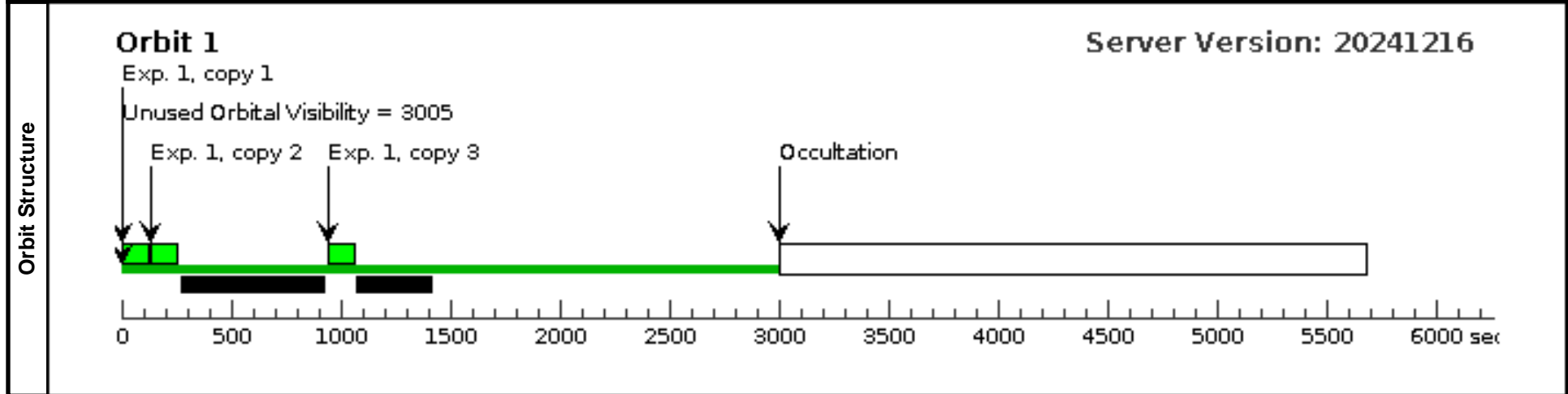


Proposal 17671 - refile 1 Shutter B (52) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, refile 1 Shutter B (52), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS | | | | | | | | | |
| | Special Requirements: PARALLEL | | | | | | | | | |

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

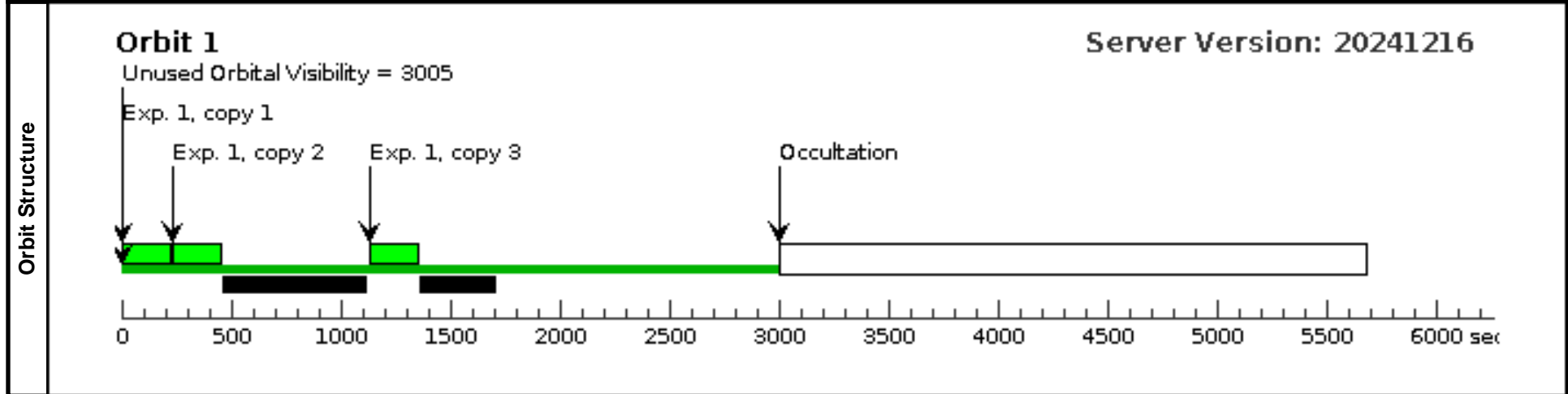


Proposal 17671 - reffile 2 Shutter B (53) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, reffile 2 Shutter B (53), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS | | | | | | | | | |
| | Special Requirements: PARALLEL | | | | | | | | | |

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

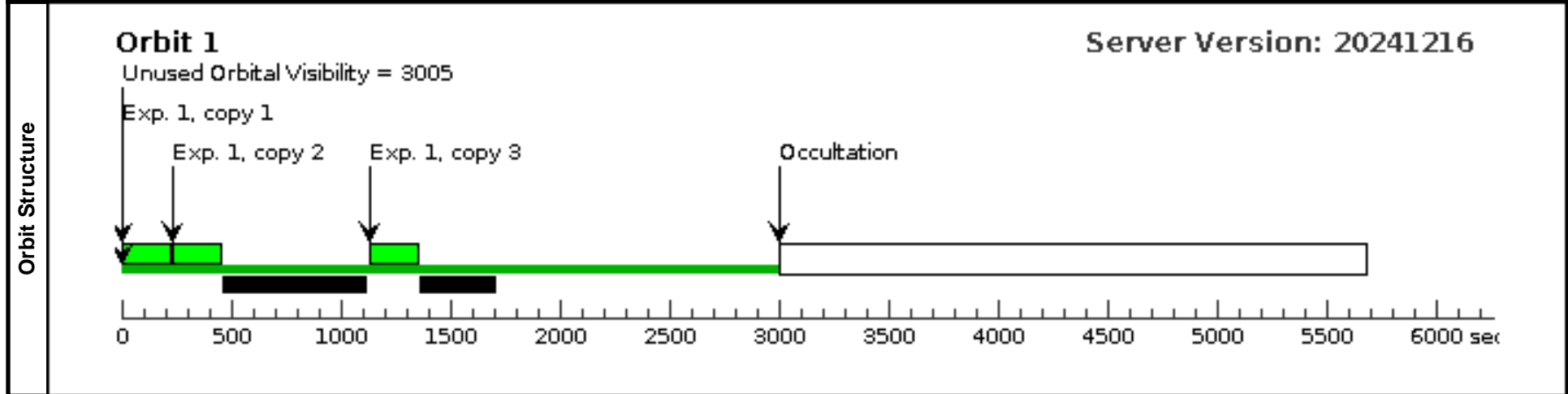


Proposal 17671 - refile 3 Shutter B (54) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, refile 3 Shutter B (54), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS | | | | | | | | | |
| | Special Requirements: PARALLEL | | | | | | | | | |

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

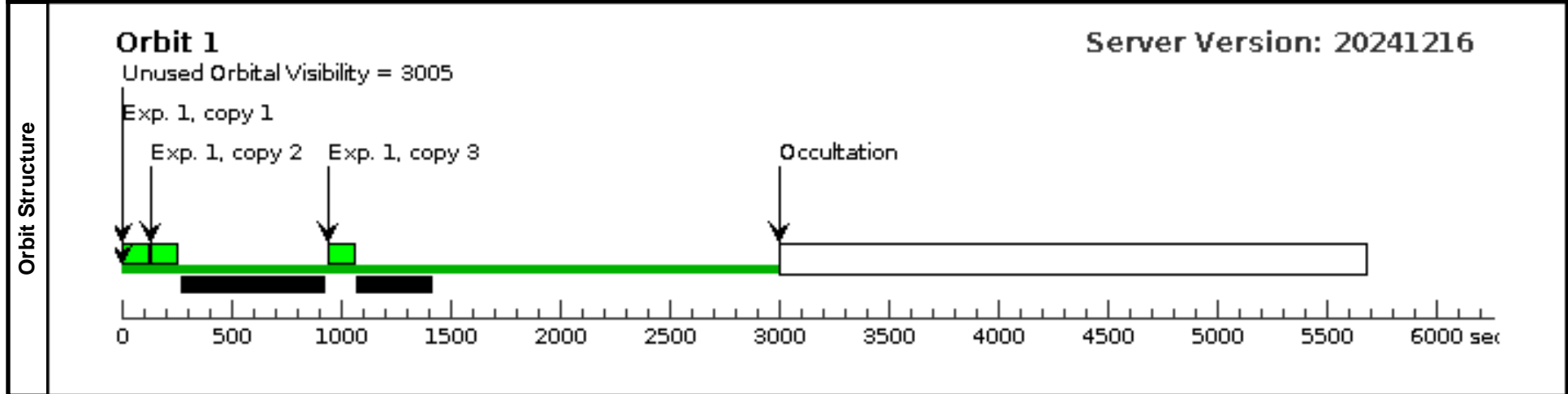


Proposal 17671 - refile 4 Shutter B (55) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, refile 4 Shutter B (55), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS | | | | | | | | | |
| | Special Requirements: PARALLEL | | | | | | | | | |

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

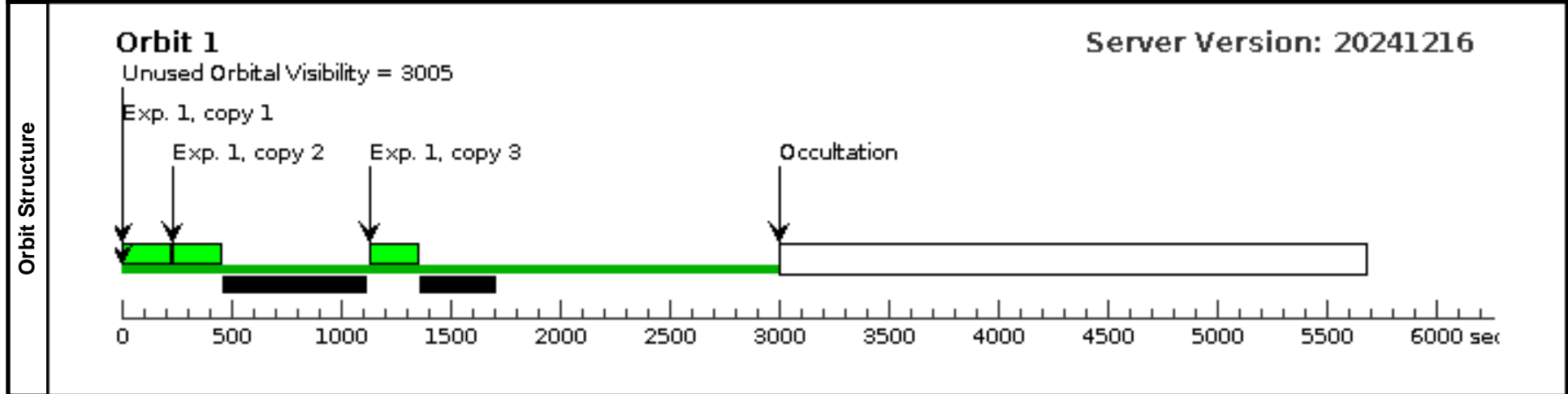


Proposal 17671 - reffile 5 Shutter B (56) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, reffile 5 Shutter B (56), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS | | | | | | | | | |
| | Special Requirements: PARALLEL | | | | | | | | | |

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



Proposal 17671 - refile 6 Shutter B (57) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

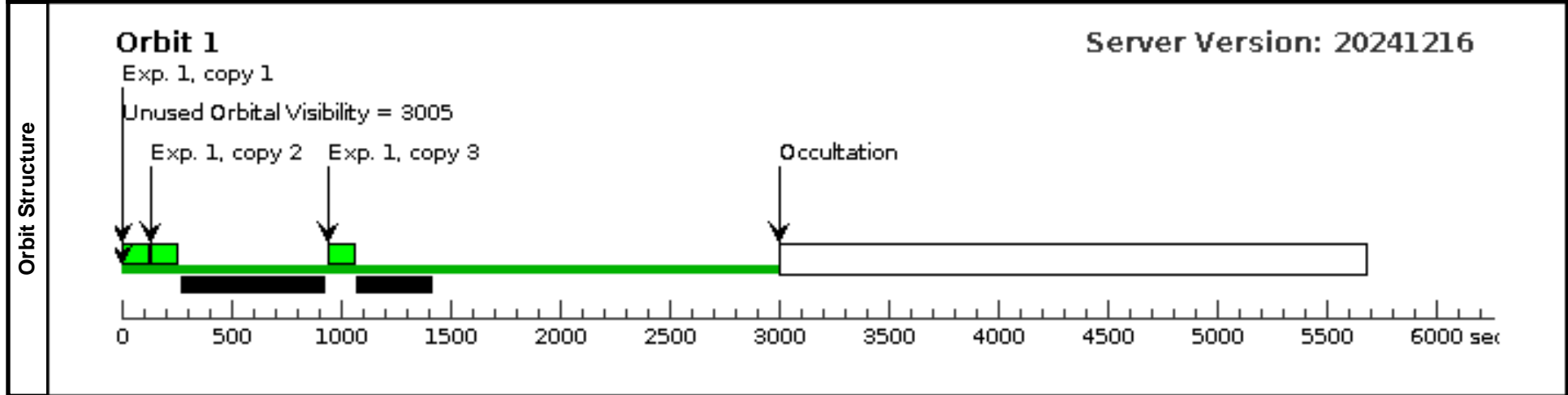
| | | | | | | | | | | |
|------------------------|--|--------------------|---------------|-----------------------------|----------------------|---|----------------------|---------------|--|--------------|
| Visit | Proposal 17671, refile 6 Shutter B (57), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PARALLEL | | | | | | | | | |
| | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | High S/N Shutter B | DARK | WFC3/UVIS, ACCUM, UVIS | DEF | GAIN=1.5; FLASHCUR=MEDIUM; FLASHEXP=100 | QESIPARM BLAD E B | | .5 Secs X 3 (1.5 Secs) [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] | [1] |
| Orbit Structure | <p>Orbit 1 Server Version: 20241216</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3005</p> <p>Exp. 1, copy 2 Exp. 1, copy 3 Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p> | | | | | | | | | |
| | | | | | | | | | | |

Proposal 17671 - refile 7 Shutter B (58) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|
| Visit | Proposal 17671, refile 7 Shutter B (58), completed | | | | | | | | | |
| | Diagnostic Status: No Diagnostics | | | | | | | | | |
| | Scientific Instruments: WFC3/UVIS | | | | | | | | | |
| | Special Requirements: PARALLEL | | | | | | | | | |

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



Proposal 17671 - reffile 8 Shutter B (59) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|------------------------|---|----------------------|---------------|-----------------------------|----------------------|---|----------------------|---------------|--|--|
| Visit | Proposal 17671, reffile 8 Shutter B (59), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PARALLEL | | | | | | | | | |
| | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | Post-Flash Shutter B | DARK | WFC3/UVIS, ACCUM, UVIS | DEF | FLASHEXP=0.3; GAIN=1.5; FLASHCUR=MEDI UM | QESIPARM BLAD E B | | | 100 Secs X 3 (300 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] |
| Orbit Structure | <p>Orbit 1 Server Version: 20241216</p> <p>Unused Orbital Visibility = 3005</p> <p>The timeline shows three exposure copies (green bars) occurring between 0 and 3000 seconds. Copy 1 starts at 0s, Copy 2 at ~200s, and Copy 3 at ~1200s. An occultation (white bar) begins at 3000s and continues until approximately 5700s. The x-axis is labeled '0', '500', '1000', '1500', '2000', '2500', '3000', '3500', '4000', '4500', '5000', '5500', '6000 sec'.</p> | | | | | | | | | |
| | | | | | | | | | | |

Proposal 17671 - refile 9 Shutter B (60) - WFC3 UVIS Post-flash Monitor

Thu Apr 03 15:01:08 GMT 2025

| | | | | | | | | | | |
|------------------------|--|--------------------|---------------|-----------------------------|----------------------|---|----------------------|---------------|---|--------------|
| Visit | Proposal 17671, refile 9 Shutter B (60), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PARALLEL | | | | | | | | | |
| | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | High S/N Shutter B | DARK | WFC3/UVIS, ACCUM, UVIS | DEF | GAIN=1.5; FLASHCUR=MEDI UM; FLASHEXP=100 | QESIPARM BLAD E B | | .5 Secs X 3 (1.5 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] | [1] |
| Orbit Structure | <p>Orbit 1 Server Version: 20241216</p> <p>Exp. 1, copy 1 Unused Orbital Visibility = 3005</p> <p>Exp. 1, copy 2 Exp. 1, copy 3 Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p> | | | | | | | | | |
| | | | | | | | | | | |