



12711 - UVIS Internal Flats

Cycle: 19, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	DEUTERIUM	WFC3/UVIS	1	27-Sep-2011 21:12:55.0	yes
02	DEUTERIUM	WFC3/UVIS	1	27-Sep-2011 21:13:04.0	yes
03	DEUTERIUM	WFC3/UVIS	1	27-Sep-2011 21:13:11.0	yes
04	DEUTERIUM	WFC3/UVIS	1	27-Sep-2011 21:13:18.0	yes
05	DEUTERIUM	WFC3/UVIS	1	27-Sep-2011 21:13:24.0	yes
06	DEUTERIUM	WFC3/UVIS	1	27-Sep-2011 21:13:30.0	yes
11	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:13:35.0	yes
12	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:13:39.0	yes
13	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:13:45.0	yes
14	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:13:50.0	yes
15	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:13:55.0	yes
16	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:14:00.0	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>
20	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:14:04.0	yes
21	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:14:08.0	yes
22	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:14:12.0	yes
23	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:14:16.0	yes
24	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:14:21.0	yes
25	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:14:24.0	yes
26	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:14:28.0	yes
27	TUNGSTEN	WFC3/UVIS	1	27-Sep-2011 21:14:33.0	yes

20 Total Orbits Used

ABSTRACT

This proposal is designed to monitor the stability of the UVIS detector as well as the tungsten lamp through cycle 19. In addition we will take flats in the entire UVIS filter complement to ensure that the filters are in good health.

OBSERVING DESCRIPTION

There are 42 full filters and 5 quad filters (each with 4 narrow bandpass filters), resulting in 62 filters. Flat fields will be obtained for all filters using the internal D2 and Tungsten lamps.

The D2 observations are arranged in sets of 3 visits. Visits are very well packed and are about 55-75 minutes in length, in order to maximize lamp usage and minimize power cycles.

The first group of 3 visits (01, 02, 03) is repeated once more later in the cycle. All visits in the next set are nearly identical (04 contains same exposures as 01; 05 contains same exposures as 02; 06 contains same exposures as 03), the only difference is the ordering of the first filters in each visit. This is done to minimize the impact of a lamp firing delay to the flat fields accumulated for any one given filter. Ground tests showed occasional short lamp firing delays on the order of a few minutes at most, yielding no flux on the detector, and therefore blank images.

The Tungsten observations are arranged as two separate groups. Visits 11 - 16 are to be repeated once every two months, and Visits 20 - 27 are to be

completed in the first few months of the cycle.

CALIBRATION JUSTIFICATION

Flux levels within the flat fields will be compared to those from SMOV data to evaluate the D2 and Tungsten lamp performance. Flat field illumination patterns will be analyzed for any changes compared to previous on-orbit images. In addition we will monitor the performance of every filter on the UVIS camera.

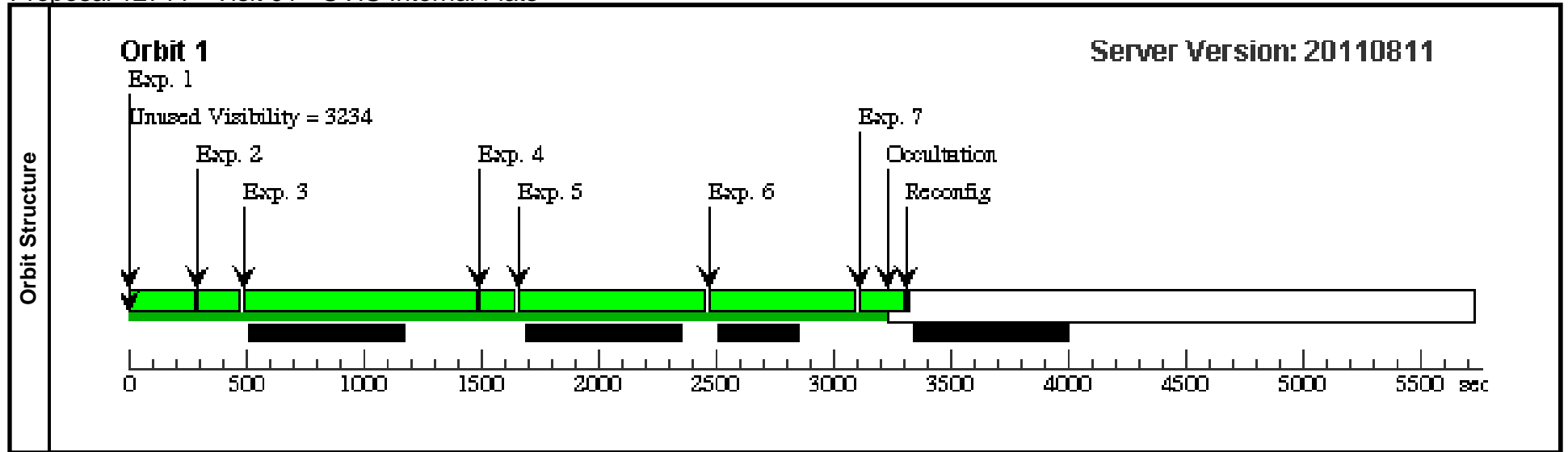
ADDITIONAL COMMENTS

The D2 lamp degrades with power cycles and total on-time, so it is requested that the lamp be turned on and off as little as possible, but should not be on for more than ~90 minutes. Also, using the lamp with the high current setting degrades the lamp faster, therefore in this proposal only the medium current is used.

Proposal 12711 - Visit 01 - UVIS Internal Flats

Wed Sep 28 01:14:41 GMT 2011

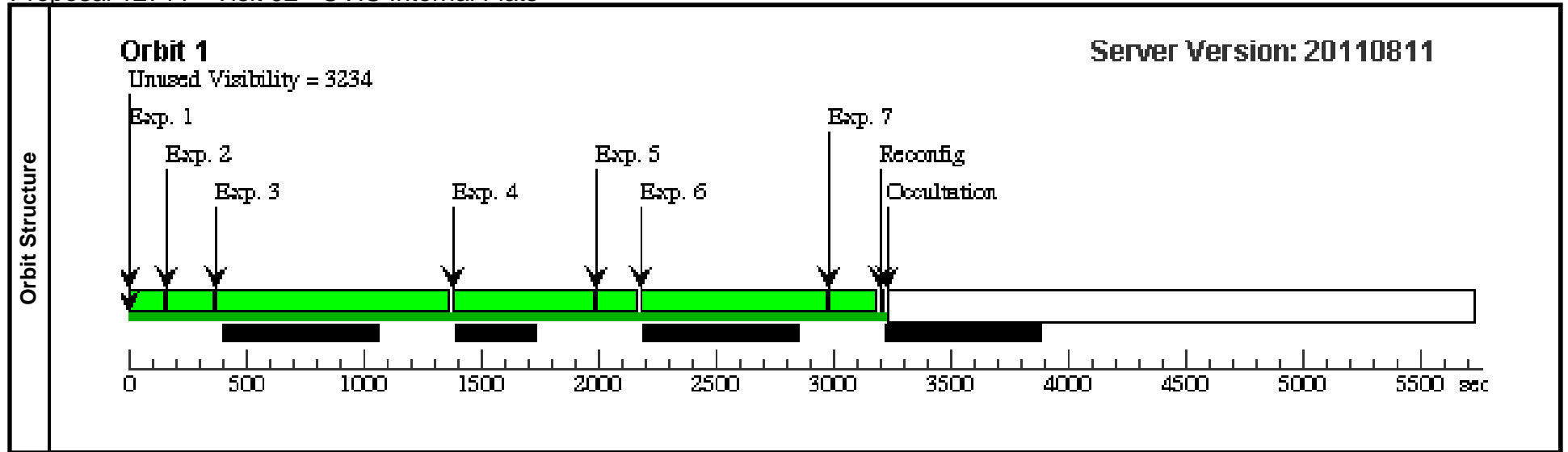
Visit	Proposal 12711, Visit 01 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-OCT-2011:00:00:00 AND 01-DEC-2011:00:00:00; GROUP 01.02.03 WITHIN 15D										
	Diagnostics	(Visit 01) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	D2 - Flat #1 F343N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F343N	CURRENT=MEDIU M				139.0 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	2	D2 - Flat #1 F275W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F275W	CURRENT=MEDIU M				34.7 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	3	D2 - Flat #1 FQ387N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ387N	CURRENT=MEDIU M				860.0 Secs [==>]	[1]
	<i>Comments: #1 of 3 exp in set A-D2, 3 exp per flat</i>										
	4	D2 - Flat #1 F225W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F225W	CURRENT=MEDIU M				16.6 Secs [==>]	[1]
	<i>Comments: #1 of 2 flats in set A-D2</i>										
5	D2 - Flat #1 F395N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F395N	CURRENT=MEDIU M				664.0 Secs [==>]	[1]	
<i>Comments: #1 of 1 flats in set A-D2</i>											
6	D2 - Flat #1 FQ232N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ232N	CURRENT=MEDIU M				475.0 Secs [==>]	[1]	
<i>Comments: #1 of 3 exp in set A-D2, 3 exp per flat, but longer than others</i>											
7	D2 - Flat #1 F390W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F390W	CURRENT=MEDIU M				56.0 Secs [==>]	[1]	
<i>Comments: #1 of 2 flats in set A-D2</i>											



Proposal 12711 - Visit 02 - UVIS Internal Flats

Wed Sep 28 01:14:42 GMT 2011

Visit	Proposal 12711, Visit 02 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(Visit 02) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	D2 - Flat #1 F200LP	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F200LP	CURRENT=MEDIU M				3.4 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	2	D2 - Flat #2 F390W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F390W	CURRENT=MEDIU M				56.0 Secs [==>]	[1]
	<i>Comments: #2 of 2 flats in set A-D2</i>										
	3	D2 - Flat #2 FQ387N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ387N	CURRENT=MEDIU M				860.0 Secs [==>]	[1]
	<i>Comments: #2 of 3 exp in set A-D2, 3 exp per flat</i>										
	4	D2 - Flat #2 FQ232N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ232N	CURRENT=MEDIU M				475.0 Secs [==>]	[1]
<i>Comments: #2 of 3 exp in set A-D2, 3 exp per flat</i>											
5	D2 - Flat #2 F275W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F275W	CURRENT=MEDIU M				34.7 Secs [==>]	[1]	
<i>Comments: #1 of 1 flats in set A-D2</i>											
6	D2 - Flat #1 F373N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F373N	CURRENT=MEDIU M				664.0 Secs [==>]	[1]	
<i>Comments: #1 of 2 flats in set A-D2, but shorter than other</i>											
7	D2 - Flat #1 F336W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F336W	CURRENT=MEDIU M				58.8 Secs [==>]	[1]	
<i>Comments: #1 of 2 flats in set A-D2</i>											



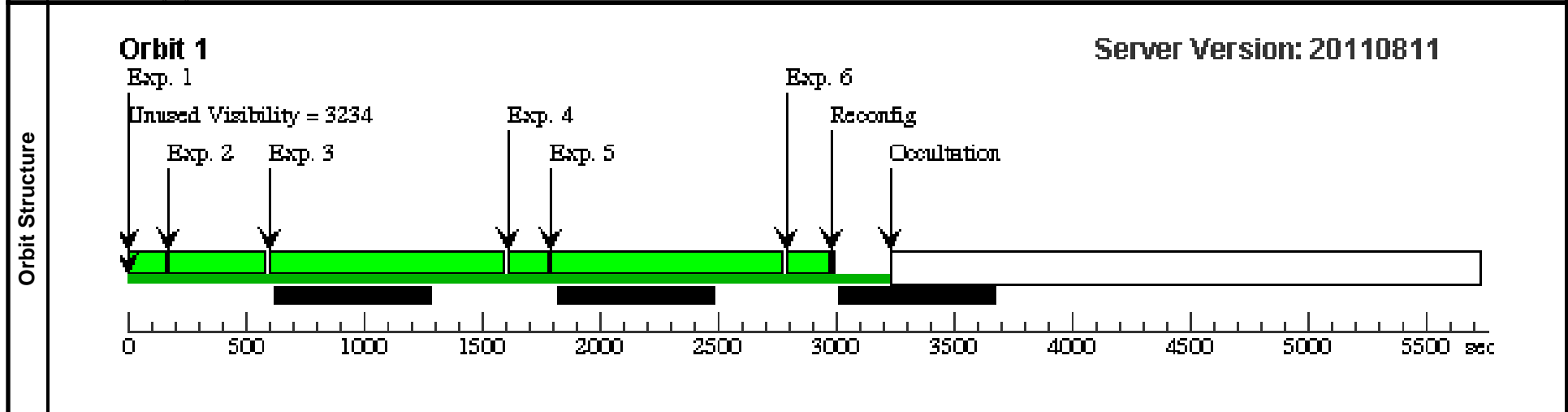
Proposal 12711 - Visit 03 - UVIS Internal Flats

Wed Sep 28 01:14:43 GMT 2011

Visit	Proposal 12711, Visit 03
	Diagnostic Status: Warning
	Scientific Instruments: WFC3/UVIS Special Requirements: (none)

Diagnostics	(Visit 03) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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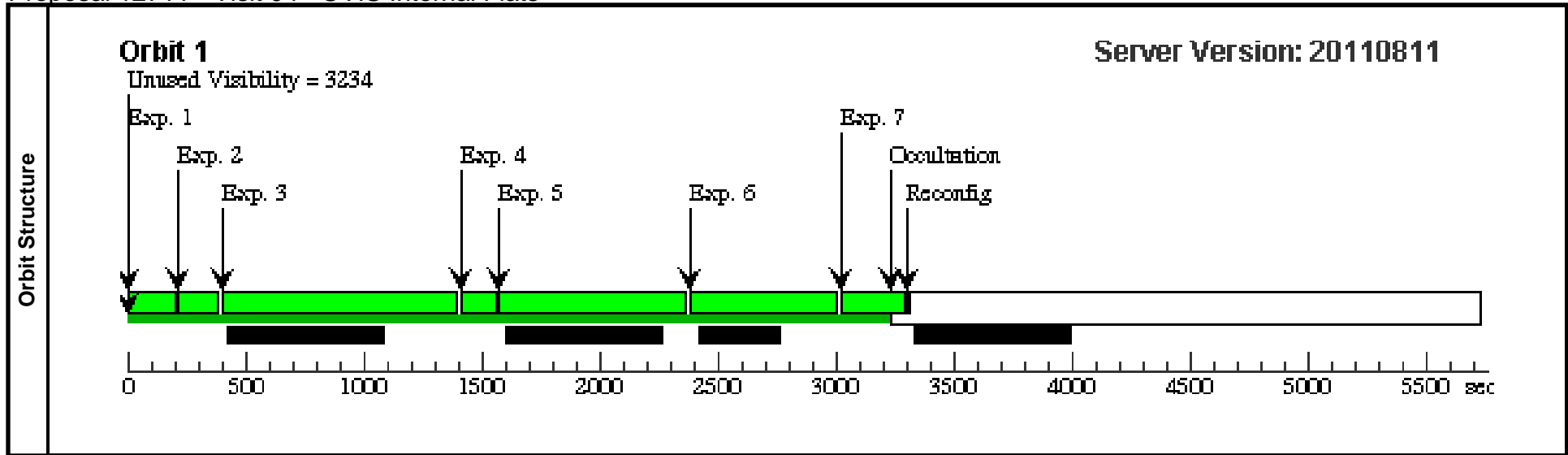
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
		1	D2 - Flat #1 F300X	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F300X	CURRENT=MEDIU M			16.8 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	2	D2 - Flat #1 F390M	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F390M	CURRENT=MEDIU M			271.0 Secs [==>]	[1]	
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	3	D2 - Flat #3 FQ387N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ387N	CURRENT=MEDIU M			860.0 Secs [==>]	[1]	
	<i>Comments: #1 of 3 exp in set A-D2, 3 exp per flat</i>										
	4	D2 - Flat #1 F218W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F218W	CURRENT=MEDIU M			35.0 Secs [==>]	[1]	
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	5	D2 - Flat #1 F280N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F280N	CURRENT=MEDIU M			845.0 Secs [==>]	[1]	
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	6	D2 - Flat #2 F336W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F336W	CURRENT=MEDIU M			58.8 Secs [==>]	[1]	
	<i>Comments: #2 of 2 flats in set A-D2</i>										



Proposal 12711 - Visit 04 - UVIS Internal Flats

Wed Sep 28 01:14:44 GMT 2011

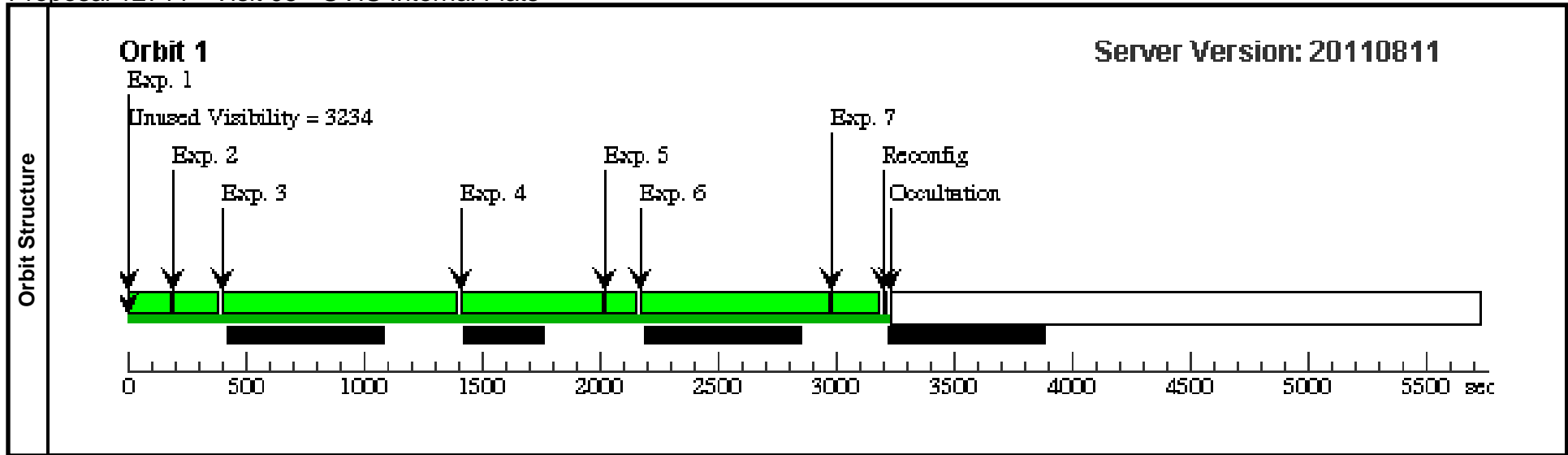
Visit	Proposal 12711, Visit 04 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-MAY-2012:00:00:00 AND 01-AUG-2012:00:00:00: GROUP 04.05.06 WITHIN 15D										
	Diagnostics	(Visit 04) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	D2 - Flat #1 F390W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F390W	CURRENT=MEDIU M				56.0 Secs [==>]	[1]
	<i>Comments: #1 of 2 flats in set A-D2</i>										
	2	D2 - Flat #1 F275W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F275W	CURRENT=MEDIU M				34.7 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	3	D2 - Flat #1 FQ387N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ387N	CURRENT=MEDIU M				860.0 Secs [==>]	[1]
	<i>Comments: #1 of 3 exp in set A-D2, 3 exp per flat</i>										
	4	D2 - Flat #1 F225W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F225W	CURRENT=MEDIU M				16.6 Secs [==>]	[1]
<i>Comments: #1 of 2 flats in set A-D2</i>											
5	D2 - Flat #1 F395N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F395N	CURRENT=MEDIU M				664.0 Secs [==>]	[1]	
<i>Comments: #1 of 1 flats in set A-D2</i>											
6	D2 - Flat #1 FQ232N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ232N	CURRENT=MEDIU M				475.0 Secs [==>]	[1]	
<i>Comments: #1 of 3 exp in set A-D2, 3 exp per flat, but longer than others</i>											
7	D2 - Flat #1 F343N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F343N	CURRENT=MEDIU M				139.0 Secs [==>]	[1]	
<i>Comments: #1 of 1 flats in set A-D2</i>											



Proposal 12711 - Visit 05 - UVIS Internal Flats

Wed Sep 28 01:14:45 GMT 2011

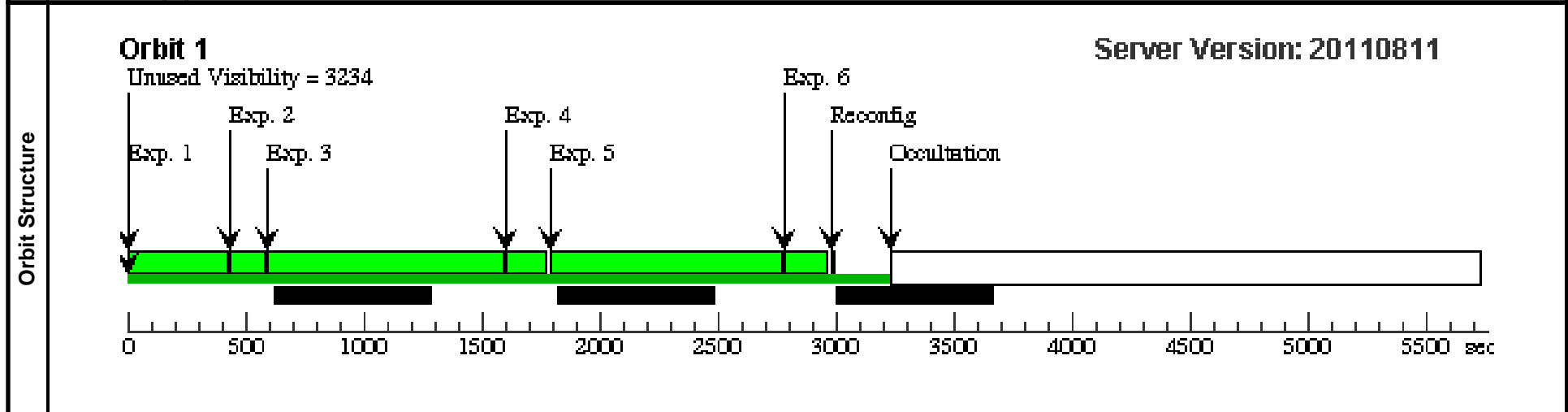
Visit	Proposal 12711, Visit 05 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(Visit 05) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	D2 - Flat #2 F275W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F275W	CURRENT=MEDIU M				34.7 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	2	D2 - Flat #2 F390W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F390W	CURRENT=MEDIU M				56.0 Secs [==>]	[1]
	<i>Comments: #2 of 2 flats in set A-D2</i>										
	3	D2 - Flat #2 FQ387N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ387N	CURRENT=MEDIU M				860.0 Secs [==>]	[1]
	<i>Comments: #2 of 3 exp in set A-D2, 3 exp per flat</i>										
	4	D2 - Flat #2 FQ232N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ232N	CURRENT=MEDIU M				475.0 Secs [==>]	[1]
<i>Comments: #2 of 3 exp in set A-D2, 3 exp per flat</i>											
5	D2 - Flat #1 F200LP	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F200LP	CURRENT=MEDIU M				3.4 Secs [==>]	[1]	
<i>Comments: #1 of 1 flats in set A-D2</i>											
6	D2 - Flat #1 F373N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F373N	CURRENT=MEDIU M				664.0 Secs [==>]	[1]	
<i>Comments: #1 of 2 flats in set A-D2, but shorter than other</i>											
7	D2 - Flat #1 F336W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F336W	CURRENT=MEDIU M				58.8 Secs [==>]	[1]	
<i>Comments: #1 of 2 flats in set A-D2</i>											



Visit	Proposal 12711, Visit 06
	Diagnostic Status: Warning
	Scientific Instruments: WFC3/UVIS Special Requirements: (none)

Diagnostics	(Visit 06) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
		1	D2 - Flat #1 F390M	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F390M	CURRENT=MEDIU M			271.0 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	2	D2 - Flat #1 F300X	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F300X	CURRENT=MEDIU M			16.8 Secs [==>]	[1]	
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	3	D2 - Flat #3 FQ387N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ387N	CURRENT=MEDIU M			860.0 Secs [==>]	[1]	
	<i>Comments: #1 of 3 exp in set A-D2, 3 exp per flat</i>										
	4	D2 - Flat #1 F218W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F218W	CURRENT=MEDIU M			35.0 Secs [==>]	[1]	
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	5	D2 - Flat #1 F280N	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F280N	CURRENT=MEDIU M			845.0 Secs [==>]	[1]	
	<i>Comments: #1 of 1 flats in set A-D2</i>										
	6	D2 - Flat #2 F336W	DEUTERIUM	WFC3/UVIS, ACCUM, UVIS	F336W	CURRENT=MEDIU M			58.8 Secs [==>]	[1]	
	<i>Comments: #2 of 2 flats in set A-D2</i>										



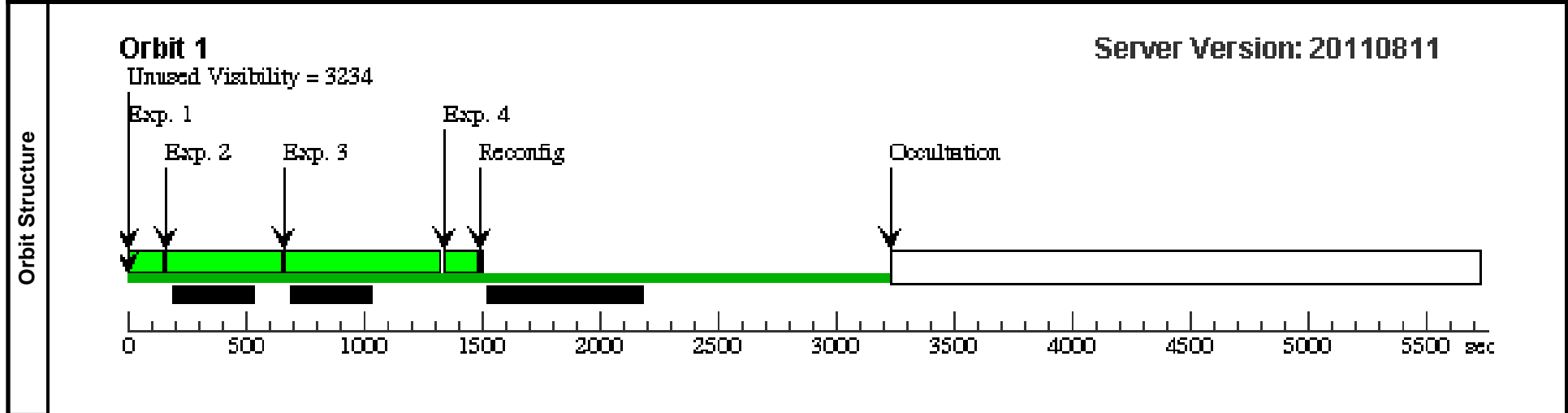
Proposal 12711 - Visit 11 - UVIS Internal Flats

Wed Sep 28 01:14:46 GMT 2011

Visit	Proposal 12711, Visit 11 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-OCT-2011:00:00:00 AND 01-NOV-2011:00:00:00

Diagnostics	(Visit 11) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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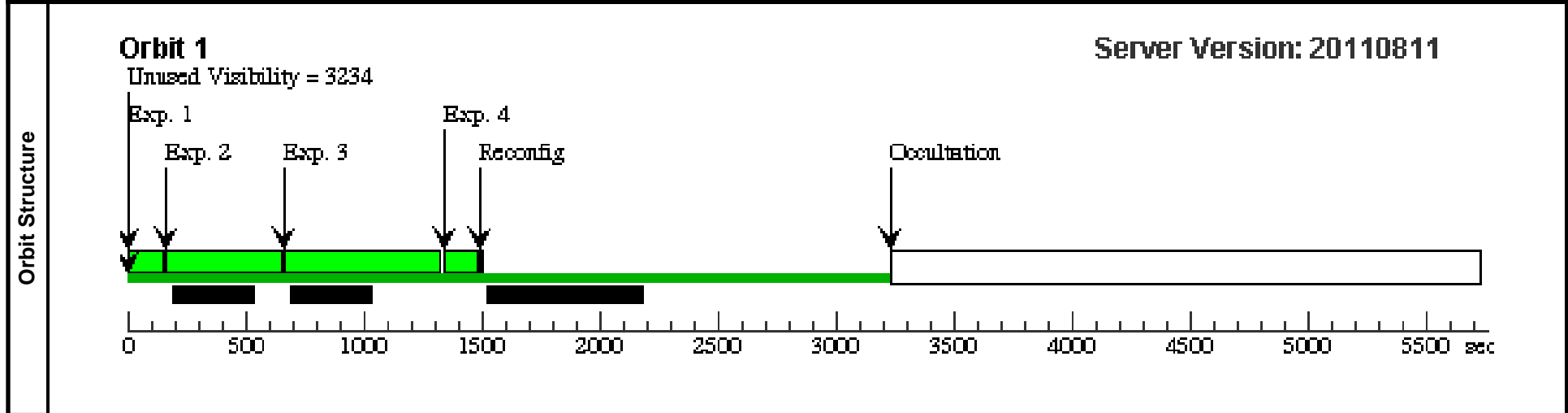
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Tu - Flat F6 06W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F606W				4.9 Secs [==>]	[1]
	<i>Comments: #1 of 4 flats in set A-Tu</i>									
	2	Tu - Flat F4 38W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F438W				350 Secs [==>]	[1]
	3	Tu - Flat F3 90W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F390W				525 Secs [==>]	[1]
	4	Tu - Flat F8 14W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F814W				2.0 Secs [==>]	[1]
<i>Comments: #1 of 4 flats in set A-Tu</i>										



Visit	Proposal 12711, Visit 12 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-DEC-2011:00:00:00 AND 01-JAN-2012:00:00:00

Diagnostics	(Visit 12) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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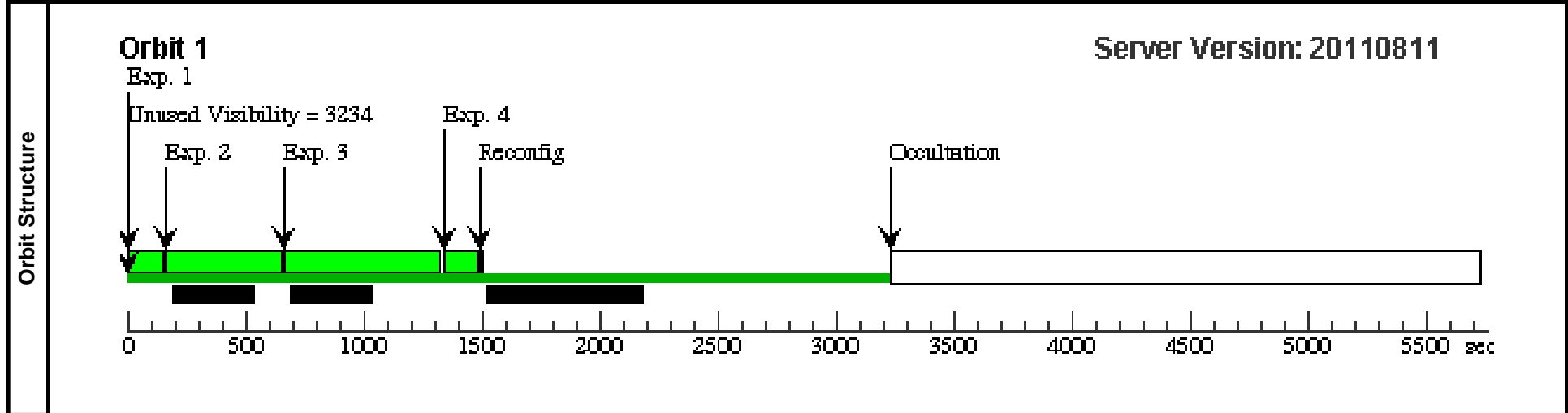
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	Tu - Flat F6 06W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F606W				4.9 Secs [==>]	[1]	
	<i>Comments: #1 of 4 flats in set A-Tu</i>										
	2	Tu - Flat F4 38W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F438W				350 Secs [==>]	[1]	
	3	Tu - Flat F3 90W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F390W				525 Secs [==>]	[1]	
	4	Tu - Flat F8 14W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F814W				2.0 Secs [==>]	[1]	
<i>Comments: #1 of 4 flats in set A-Tu</i>											



Visit	Proposal 12711, Visit 13 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-FEB-2012:00:00:00 AND 01-MAR-2012:00:00:00

Diagnostics	(Visit 13) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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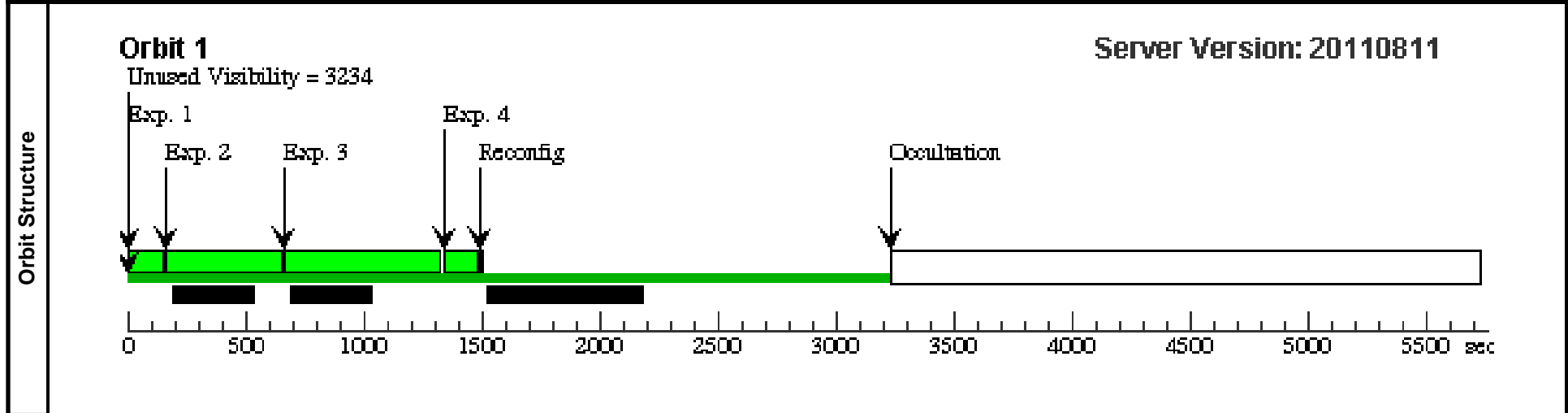
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Tu - Flat F6 06W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F606W				4.9 Secs [==>]	[1]
	<i>Comments: #1 of 4 flats in set A-Tu</i>									
	2	Tu - Flat F4 38W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F438W				350 Secs [==>]	[1]
	3	Tu - Flat F3 90W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F390W				525 Secs [==>]	[1]
	4	Tu - Flat F8 14W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F814W				2.0 Secs [==>]	[1]
<i>Comments: #1 of 4 flats in set A-Tu</i>										



Visit	Proposal 12711, Visit 14 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-APR-2012:00:00:00 AND 01-MAY-2012:00:00:00

Diagnostics	(Visit 14) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Tu - Flat F6 06W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F606W				4.9 Secs [==>]	[1]
	<i>Comments: #1 of 4 flats in set A-Tu</i>									
	2	Tu - Flat F4 38W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F438W				350 Secs [==>]	[1]
	3	Tu - Flat F3 90W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F390W				525 Secs [==>]	[1]
	4	Tu - Flat F8 14W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F814W				2.0 Secs [==>]	[1]
<i>Comments: #1 of 4 flats in set A-Tu</i>										



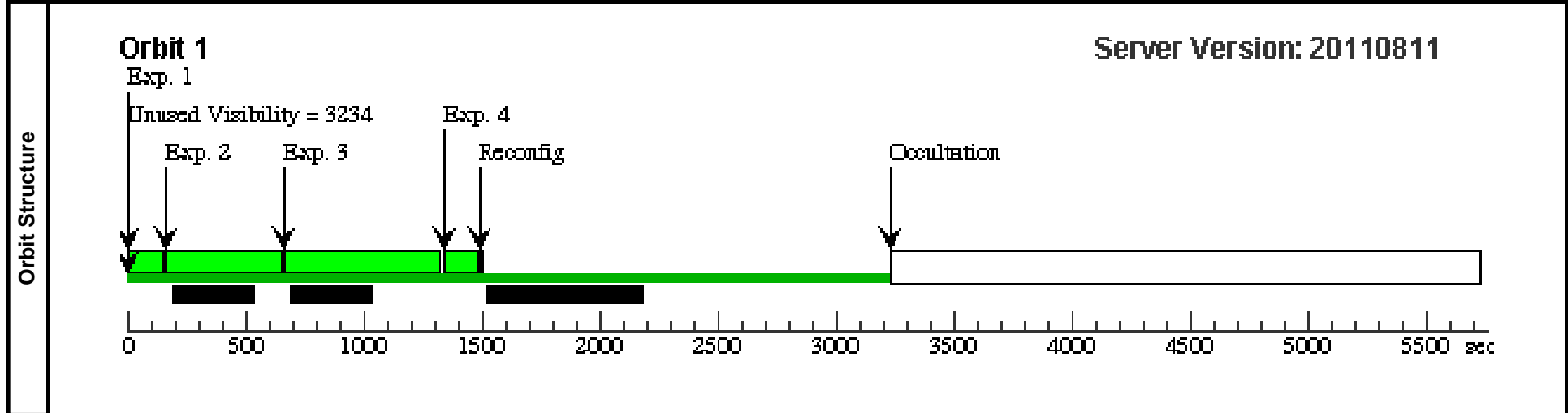
Proposal 12711 - Visit 15 - UVIS Internal Flats

Wed Sep 28 01:14:48 GMT 2011

Visit	Proposal 12711, Visit 15 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-JUN-2012:00:00:00 AND 01-JUL-2012:00:00:00

Diagnostics	(Visit 15) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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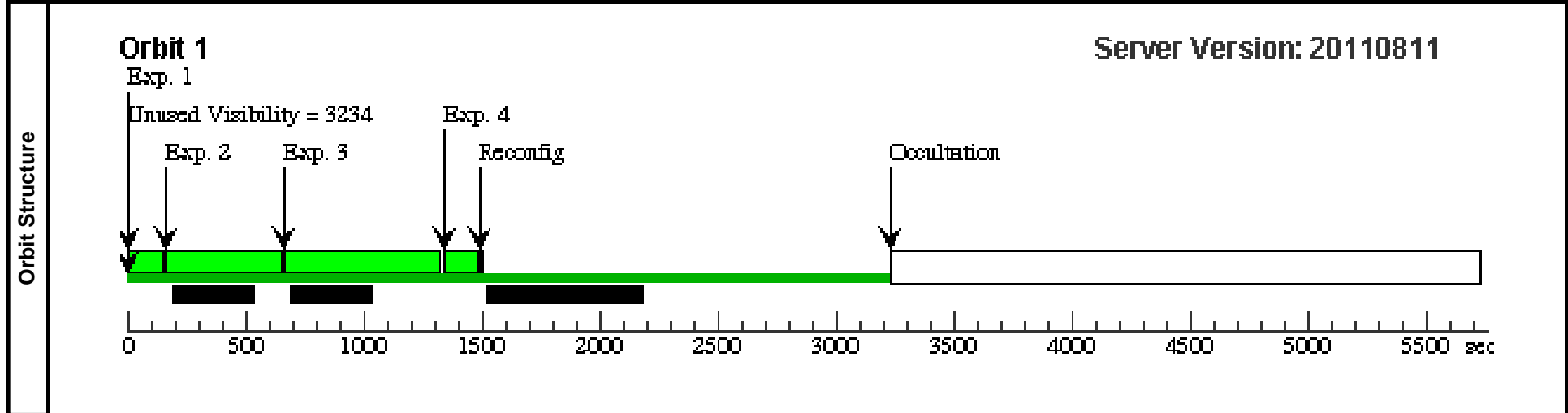
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Tu - Flat F6 06W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F606W				4.9 Secs [==>]	[1]
	<i>Comments: #1 of 4 flats in set A-Tu</i>									
	2	Tu - Flat F4 38W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F438W				350 Secs [==>]	[1]
	3	Tu - Flat F3 90W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F390W				525 Secs [==>]	[1]
	4	Tu - Flat F8 14W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F814W				2.0 Secs [==>]	[1]
<i>Comments: #1 of 4 flats in set A-Tu</i>										



Visit	Proposal 12711, Visit 16 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-AUG-2012:00:00:00 AND 01-SEP-2012:00:00:00

Diagnostics	(Visit 16) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Tu - Flat F6 06W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F606W				4.9 Secs [==>]	[1]
	<i>Comments: #1 of 4 flats in set A-Tu</i>									
	2	Tu - Flat F4 38W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F438W				350 Secs [==>]	[1]
	3	Tu - Flat F3 90W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F390W				525 Secs [==>]	[1]
	4	Tu - Flat F8 14W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F814W				2.0 Secs [==>]	[1]
<i>Comments: #1 of 4 flats in set A-Tu</i>										



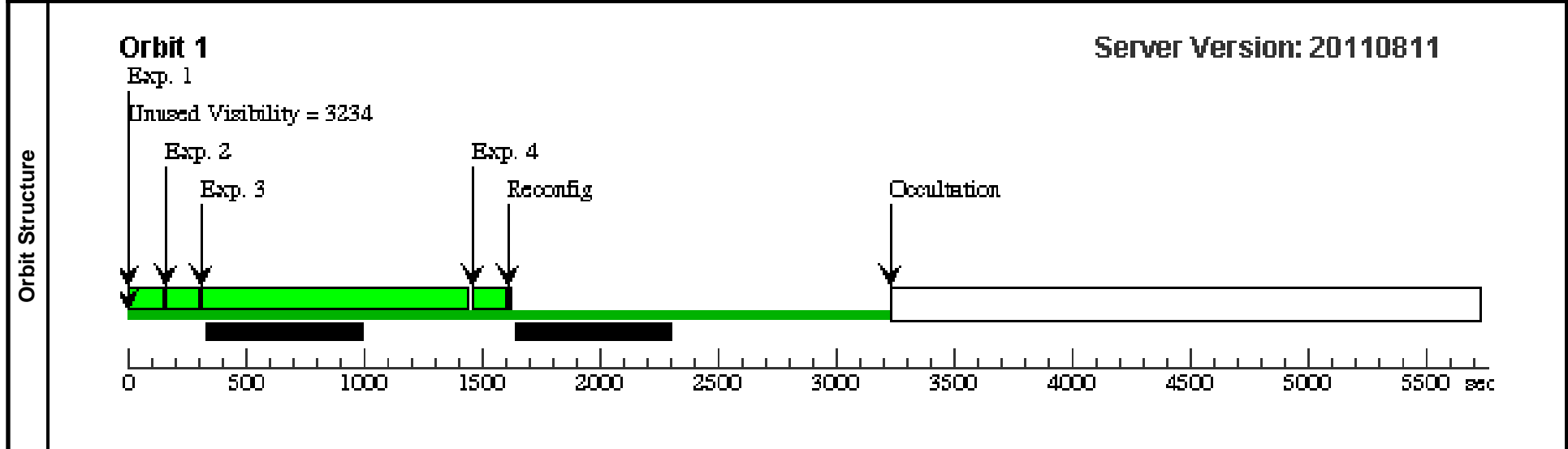
Proposal 12711 - Visit 20 - UVIS Internal Flats

Wed Sep 28 01:14:49 GMT 2011

Visit	Proposal 12711, Visit 20 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-OCT-2011:00:00:00 AND 31-DEC-2011:23:59:59
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Diagnostics	(Visit 20) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Tu - Flat #1 F350LP	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F350LP				1.2 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>									
	2	Tu - Flat #1 F600LP	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F600LP				1.3 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>									
	3	Tu - Flat #1 F469N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F469N				1000 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>									
	4	Tu - Flat #1 F200LP	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F200LP				1.4 Secs [==>]	[1]
<i>Comments: #1 of 1 flats in set A-Tu</i>										

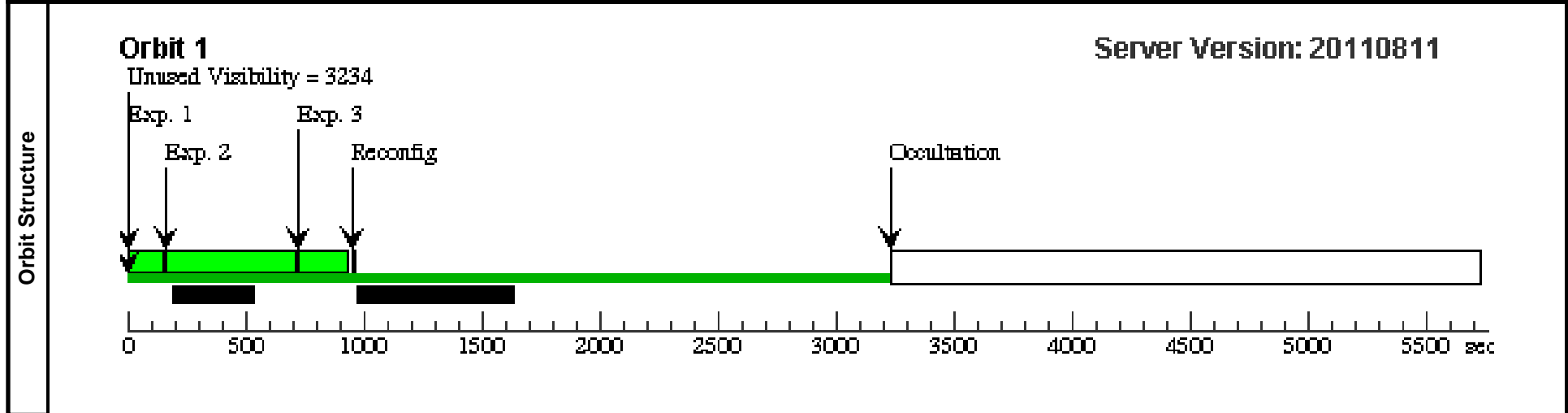


Proposal 12711 - Visit 21 - UVIS Internal Flats

Wed Sep 28 01:14:49 GMT 2011

Visit	Proposal 12711, Visit 21									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: BETWEEN 01-OCT-2011:00:00:00 AND 31-DEC-2011:23:59:59									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	Tu - Flat #1 F763M	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F763M					5.9 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>										
	2	Tu - Flat #1 F467M	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F467M					409.0 Secs [==>]	[1]
<i>Comments: #1 of 1 flats in set A-Tu</i>											
3	Tu - Flat #1 F953N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F953N					74.0 Secs [==>]	[1]	
<i>Comments: #1 of 1 flats in set A-Tu</i>											



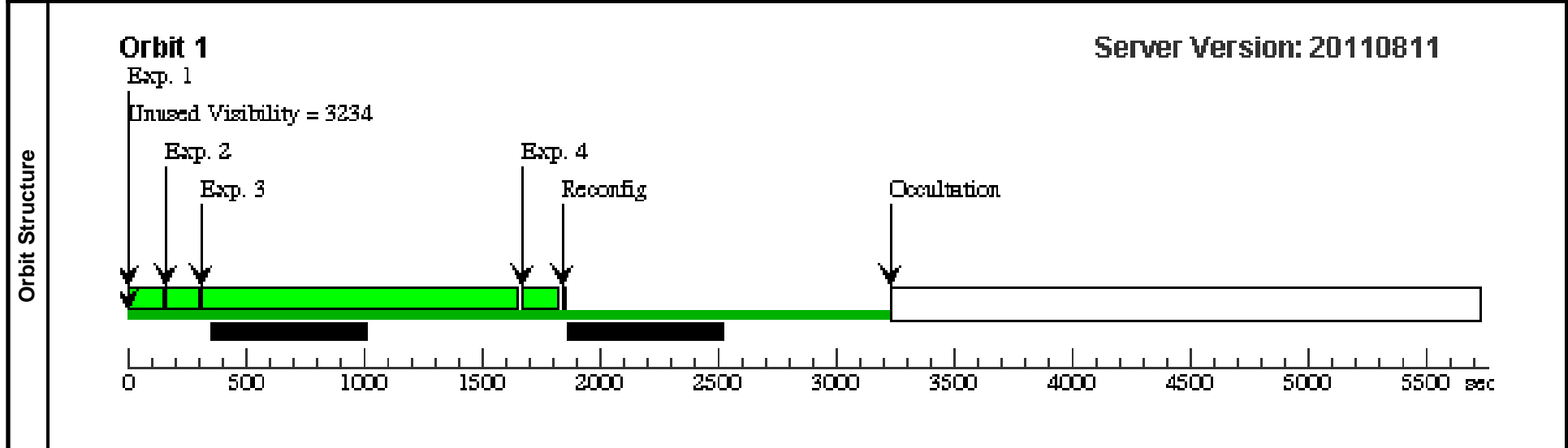
Proposal 12711 - Visit 22 - UVIS Internal Flats

Wed Sep 28 01:14:49 GMT 2011

Visit	Proposal 12711, Visit 22 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-OCT-2011:00:00:00 AND 31-DEC-2011:23:59:59
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Diagnostics	(Visit 22) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Tu - Flat #1 F625W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F625W				5.9 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>									
	2	Tu - Flat #1 F689M	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F689M				8.5 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>									
	3	Tu - Flat #1 F410M	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F410M				1200 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>									
	4	Tu - Flat #1 F555W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F555W				14.4 Secs [==>]	[1]
<i>Comments: #1 of 1 flats in set A-Tu</i>										



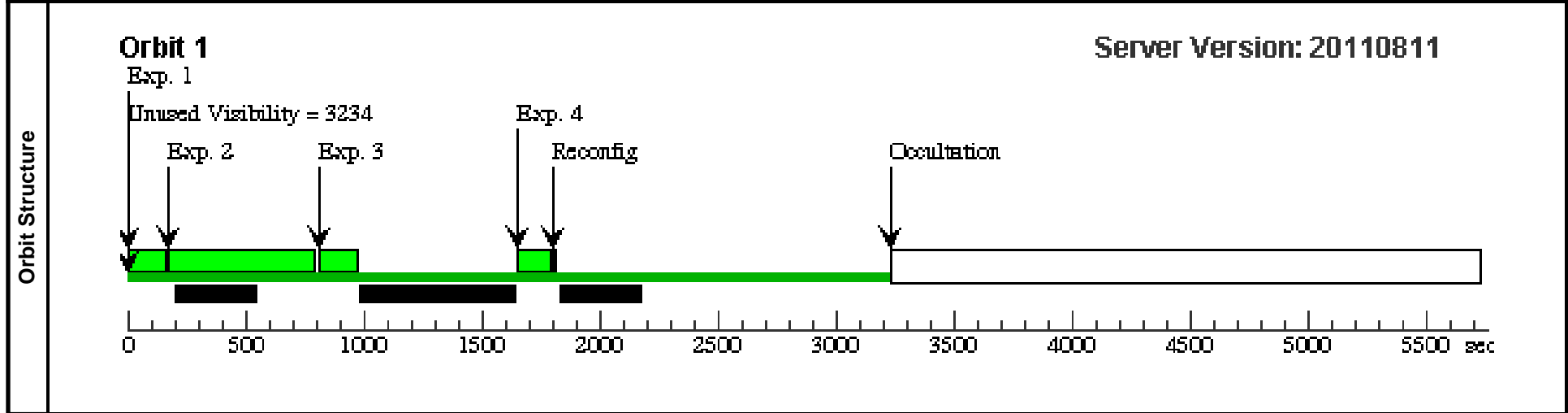
Proposal 12711 - Visit 23 - UVIS Internal Flats

Wed Sep 28 01:14:50 GMT 2011

Visit	Proposal 12711, Visit 23 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-OCT-2011:00:00:00 AND 31-DEC-2011:23:59:59
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Diagnostics	(Visit 23) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Tu - Flat #1 F621M	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F621M				14.8 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>									
	2	Tu - Flat #1 FQ508N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ508N				490.2 Secs [==>]	[1]
	<i>Comments: #1 of 1 exp in set A-Tu, 2 exp per flat</i>									
	3	Tu - Flat #1 F475X	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475X				15.6 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>									
	4	Tu - Flat #1 F845M	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F845M				5.2 Secs [==>]	[1]
<i>Comments: #1 of 1 flats in set A-Tu</i>										



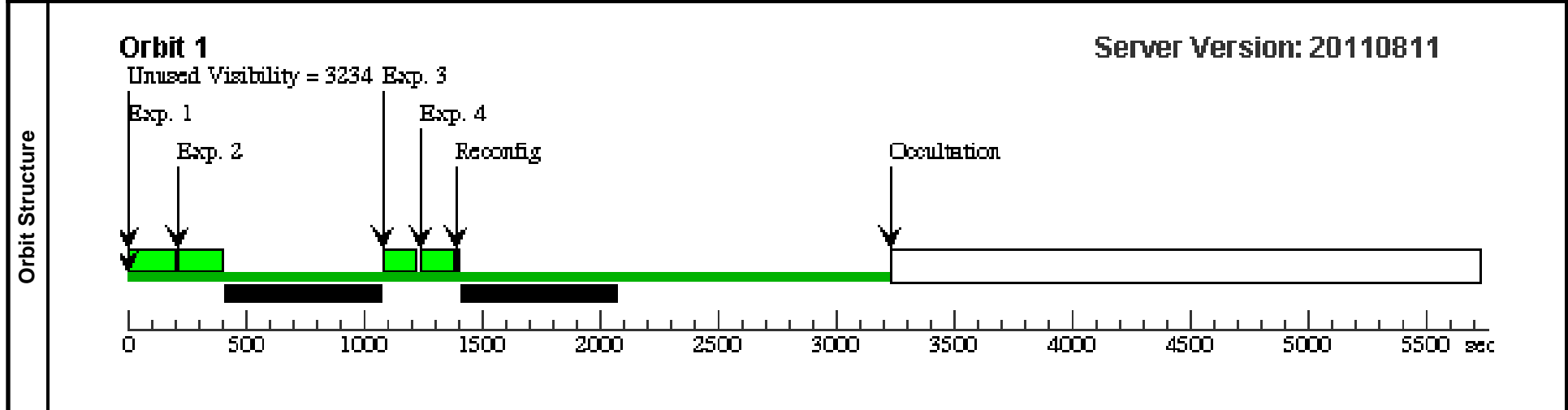
Proposal 12711 - Visit 24 - UVIS Internal Flats

Wed Sep 28 01:14:50 GMT 2011

Visit	Proposal 12711, Visit 24
	Diagnostic Status: Warning
	Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-OCT-2011:00:00:00 AND 31-DEC-2011:23:59:59

Diagnostics	(Visit 24) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	Tu - Flat #1 F665N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F665N					52.4 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>										
	2	Tu - Flat #1 F673N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F673N					54.5 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>										
3	Tu - Flat #1 F775W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F775W					3.1 Secs [==>]	[1]	
<i>Comments: #1 of 1 flats in set A-Tu</i>											
4	Tu - Flat #1 F850LP	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F850LP					3.6 Secs [==>]	[1]	
<i>Comments: #1 of 1 flats in set A-Tu</i>											



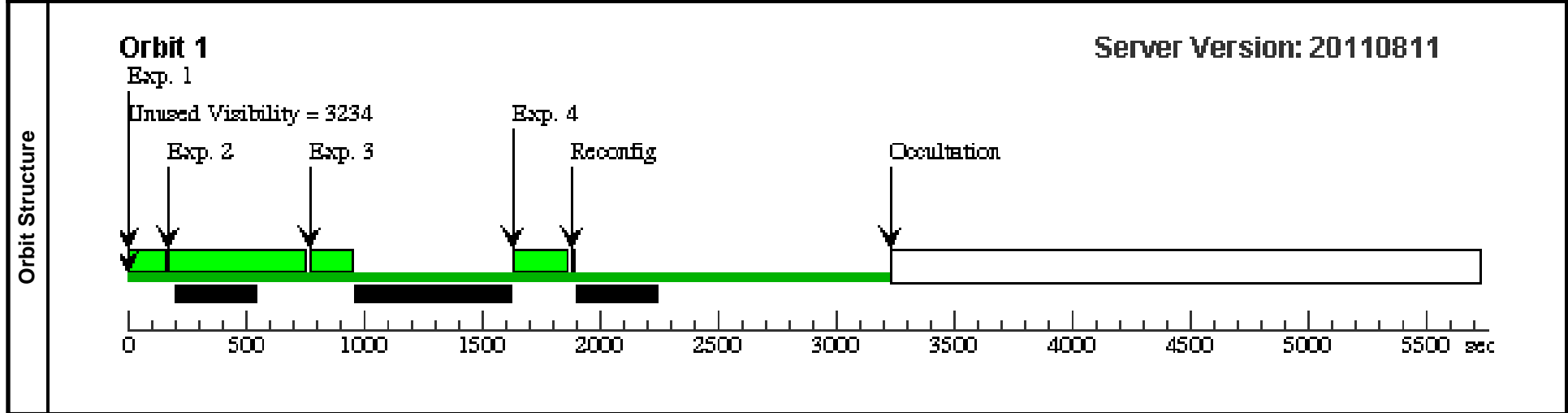
Proposal 12711 - Visit 25 - UVIS Internal Flats

Wed Sep 28 01:14:51 GMT 2011

Visit	Proposal 12711, Visit 25 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-OCT-2011:00:00:00 AND 31-DEC-2011:23:59:59
	(Visit 25) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

Diagnostics	(Visit 25) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
	(Visit 25) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Tu - Flat #1 F680N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F680N				15.7 Secs [==>]	[1]
<i>Comments: #1 of 1 flats in set A-Tu</i>									
2	Tu - Flat #1 F656N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F656N				444.0 Secs [==>]	[1]
<i>Comments: #1 of 1 flats in set A-Tu</i>									
3	Tu - Flat #1 F547M	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F547M				37.5 Secs [==>]	[1]
<i>Comments: #1 of 3 flats in set A-Tu</i>									
4	Tu - Flat #1 F645N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F645N				99.6 Secs [==>]	[1]
<i>Comments: #1 of 1 flats in set A-Tu</i>									



Proposal 12711 - Visit 26 - UVIS Internal Flats

Wed Sep 28 01:14:52 GMT 2011

Visit	Proposal 12711, Visit 26 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-OCT-2011:00:00:00 AND 31-DEC-2011:23:59:59									
	Diagnostics (Visit 26) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Tu - Flat #1 F475W	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F475W				42.7 Secs [==>]	[1]
	<i>Comments: #1 of 3 flats in set A-Tu</i>									
	2	Tu - Flat #1 F657N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F657N				57.2 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>									
3	Tu - Flat #1 F487N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F487N				1052.6 Secs [==>]	[1]	
<i>Comments: #1 of 1 flats in set A-Tu</i>										
4	Tu - Flat #1 FQ889N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ889N				57.5 Secs [==>]	[1]	
<i>Comments: #1 of 1 flats in set A-Tu</i>										
Orbit Structure	Orbit 1 Exp. 1 Unused Visibility = 3234									
	<p>Server Version: 20110811</p>									

Proposal 12711 - Visit 27 - UVIS Internal Flats

Wed Sep 28 01:14:52 GMT 2011

Visit	Proposal 12711, Visit 27 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-OCT-2011:00:00:00 AND 31-DEC-2011:23:59:59
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Diagnostics	(Visit 27) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	Tu - Flat #1 FQ619N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS-QUAD	FQ619N					101.3 Secs [==>]	[1]
	<i>Comments: #2 of 2 exp in set A-Tu, 2 exp per flat</i>										
	2	Tu - Flat #1 F631N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F631N					161.6 Secs [==>]	[1]
	<i>Comments: #1 of 1 flats in set A-Tu</i>										
3	Tu - Flat #1 F502N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F502N					742.1 Secs [==>]	[1]	
<i>Comments: #1 of 3 flats in set A-Tu</i>											
4	Tu - Flat #1 F658N	TUNGSTEN	WFC3/UVIS, ACCUM, UVIS	F658N					173.2 Secs [==>]	[1]	
<i>Comments: #1 of 1 flats in set A-Tu</i>											

