



## 16327 - Cycle 28 COS/NUV Detector Dark Monitor

Cycle: 28, Proposal Category: CAL/COS

(Availability Mode: RESTRICTED)

### INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
<b>Dzhuliya "Julia" Dashtamirova (PI) (Contact)</b>	<b>Space Telescope Science Institute</b>	<b>dashtamirova@stsci.edu</b>
Camellia Magness (CoI) (Contact)	Space Telescope Science Institute	cmagness@stsci.edu
Elaine M Frazer (CoI) (Contact)	Space Telescope Science Institute	efrazer@stsci.edu
Kate Rowlands (CoI) (Contact)	Space Telescope Science Institute	krowlands@stsci.edu

### VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	DARK	COS/NUV	1	04-Aug-2020 07:00:21.0	yes
02	DARK	COS/NUV	1	04-Aug-2020 07:00:22.0	yes
03	DARK	COS/NUV	1	04-Aug-2020 07:00:22.0	yes
04	DARK	COS/NUV	1	04-Aug-2020 07:00:22.0	yes
05	DARK	COS/NUV	1	04-Aug-2020 07:00:23.0	yes
06	DARK	COS/NUV	1	04-Aug-2020 07:00:23.0	yes
07	DARK	COS/NUV	1	04-Aug-2020 07:00:23.0	yes
08	DARK	COS/NUV	1	04-Aug-2020 07:00:23.0	yes
09	DARK	COS/NUV	1	04-Aug-2020 07:00:24.0	yes
0A	DARK	COS/NUV	1	04-Aug-2020 07:00:24.0	yes
0B	DARK	COS/NUV	1	04-Aug-2020 07:00:24.0	yes

Proposal 16327 (STScI Edit Number: 1, Created: Tuesday, August 4, 2020 at 6:00:35 AM 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>
0C	DARK	COS/NUV	1	04-Aug-2020 07:00:24.0	yes
0D	DARK	COS/NUV	1	04-Aug-2020 07:00:25.0	yes
0E	DARK	COS/NUV	1	04-Aug-2020 07:00:25.0	yes
0F	DARK	COS/NUV	1	04-Aug-2020 07:00:25.0	yes
0G	DARK	COS/NUV	1	04-Aug-2020 07:00:26.0	yes
0H	DARK	COS/NUV	1	04-Aug-2020 07:00:26.0	yes
0I	DARK	COS/NUV	1	04-Aug-2020 07:00:26.0	yes
0J	DARK	COS/NUV	1	04-Aug-2020 07:00:26.0	yes
0K	DARK	COS/NUV	1	04-Aug-2020 07:00:27.0	yes
0L	DARK	COS/NUV	1	04-Aug-2020 07:00:27.0	yes
0M	DARK	COS/NUV	1	04-Aug-2020 07:00:27.0	yes
0N	DARK	COS/NUV	1	04-Aug-2020 07:00:27.0	yes
0O	DARK	COS/NUV	1	04-Aug-2020 07:00:28.0	yes
0P	DARK	COS/NUV	1	04-Aug-2020 07:00:28.0	yes
0Q	DARK	COS/NUV	1	04-Aug-2020 07:00:28.0	yes
0R	DARK	COS/NUV	1	04-Aug-2020 07:00:28.0	yes
0S	DARK	COS/NUV	1	04-Aug-2020 07:00:29.0	yes
0T	DARK	COS/NUV	1	04-Aug-2020 07:00:29.0	yes
0U	DARK	COS/NUV	1	04-Aug-2020 07:00:29.0	yes
0V	DARK	COS/NUV	1	04-Aug-2020 07:00:29.0	yes
0W	DARK	COS/NUV	1	04-Aug-2020 07:00:30.0	yes
0X	DARK	COS/NUV	1	04-Aug-2020 07:00:30.0	yes
0Y	DARK	COS/NUV	1	04-Aug-2020 07:00:30.0	yes
0Z	DARK	COS/NUV	1	04-Aug-2020 07:00:30.0	yes
10	DARK	COS/NUV	1	04-Aug-2020 07:00:31.0	yes

Proposal 16327 (STScI Edit Number: 1, Created: Tuesday, August 4, 2020 at 6:00:35 AM 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>
11	DARK	COS/NUV	1	04-Aug-2020 07:00:31.0	yes
12	DARK	COS/NUV	1	04-Aug-2020 07:00:31.0	yes
13	DARK	COS/NUV	1	04-Aug-2020 07:00:31.0	yes
14	DARK	COS/NUV	1	04-Aug-2020 07:00:32.0	yes
15	DARK	COS/NUV	1	04-Aug-2020 07:00:32.0	yes
16	DARK	COS/NUV	1	04-Aug-2020 07:00:32.0	yes
17	DARK	COS/NUV	1	04-Aug-2020 07:00:33.0	yes
18	DARK	COS/NUV	1	04-Aug-2020 07:00:33.0	yes
19	DARK	COS/NUV	1	04-Aug-2020 07:00:33.0	yes
1A	DARK	COS/NUV	1	04-Aug-2020 07:00:33.0	yes
1B	DARK	COS/NUV	1	04-Aug-2020 07:00:34.0	yes
1C	DARK	COS/NUV	1	04-Aug-2020 07:00:34.0	yes
1D	DARK	COS/NUV	1	04-Aug-2020 07:00:34.0	yes
1E	DARK	COS/NUV	1	04-Aug-2020 07:00:34.0	yes
1F	DARK	COS/NUV	1	04-Aug-2020 07:00:35.0	yes
1G	DARK	COS/NUV	1	04-Aug-2020 07:00:35.0	yes

52 Total Orbits Used

**ABSTRACT**

Perform routine monitoring of NUV MAMA detector dark rate. The main purpose is to look for evidence of a change in the dark rate, both to track on-orbit time dependence and to check for a detector problem developing. Variations of count rates as a function of orbital positions will be analyzed to study the effect of SAA. Stacked images will help us study the spatial distribution of dark rates on the detector.

**OBSERVING DESCRIPTION**

Monitor the NUV detector dark rate by taking science exposures with no light on the detector. Twice every week a 22-min exposure is taken with the NUV detector with the shutter closed. The length of the exposures is chosen to make them fit in Earth occultations.

----- Realtime Justification -----

----- Calibration Justification -----

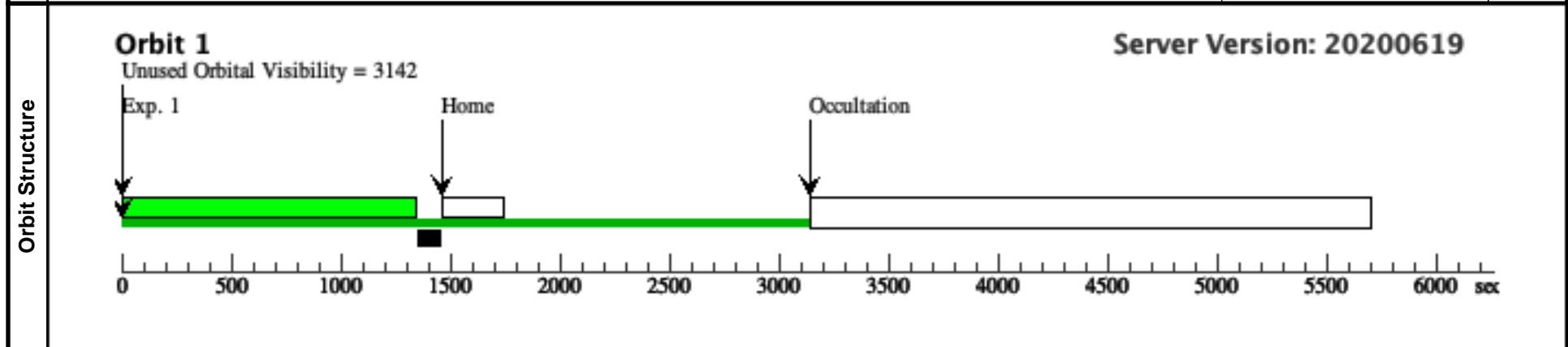
----- Additional Comments -----

Proposal 16327 - Visit 01 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:35 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 01									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 02-NOV-2020:00:00:00 AND 08-NOV-2020:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

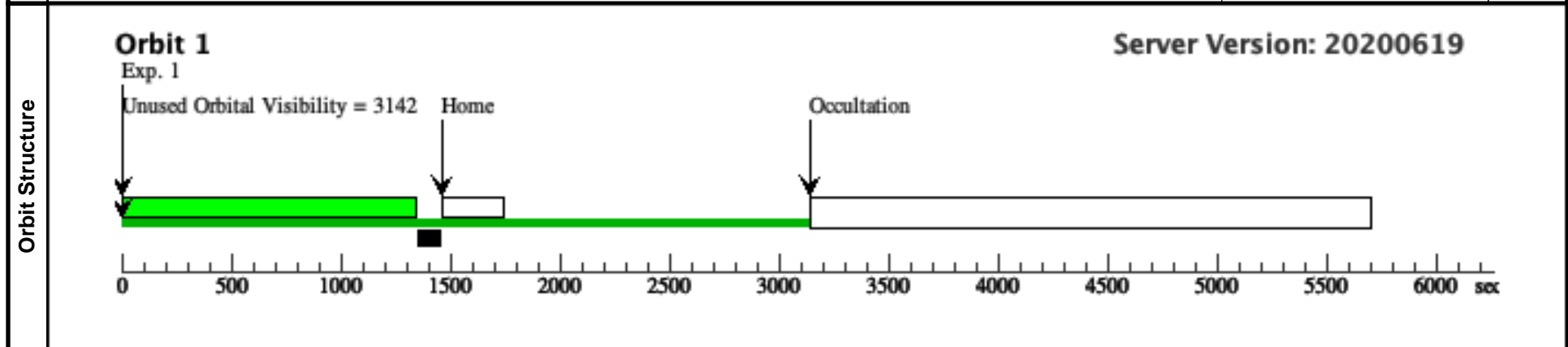


Proposal 16327 - Visit 02 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:35 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 02									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 01 BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

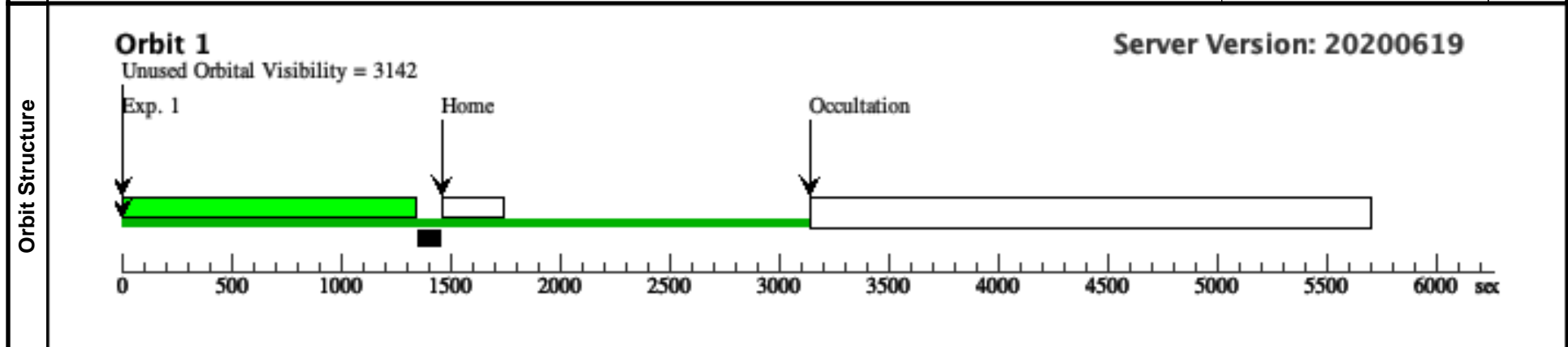


Proposal 16327 - Visit 03 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:35 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 03									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 16-NOV-2020:00:00:00 AND 22-NOV-2020:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

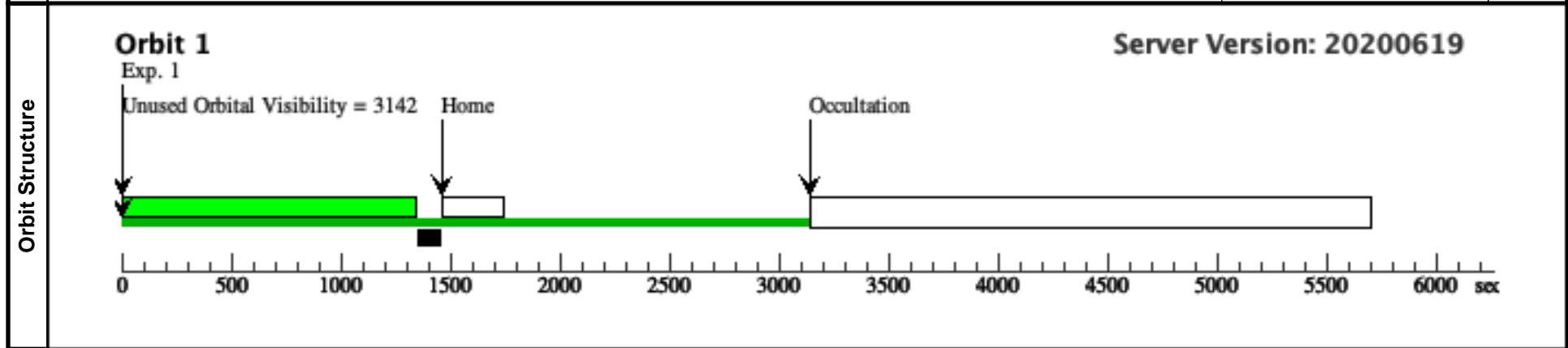


Proposal 16327 - Visit 04 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:35 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 04									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 03 BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]



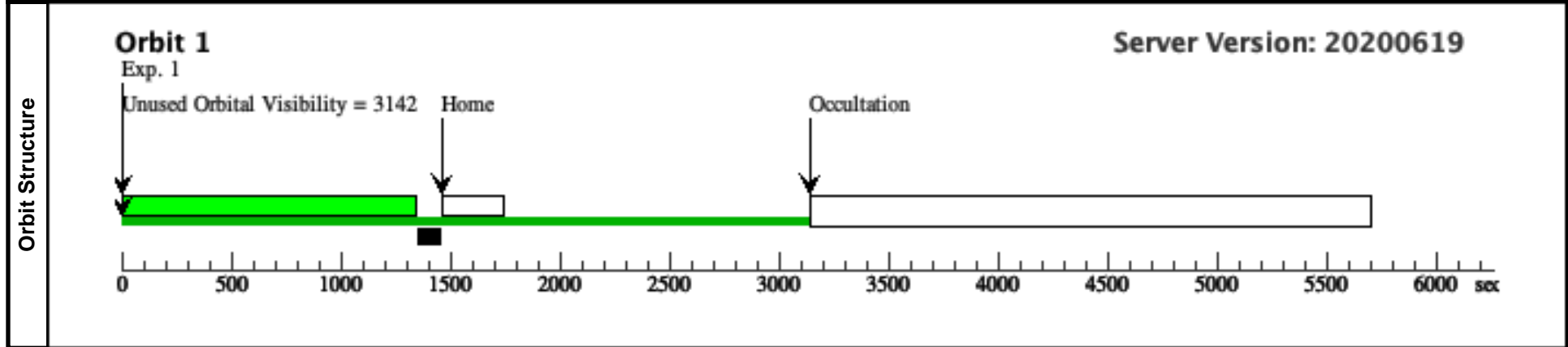


Proposal 16327 - Visit 05 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 05									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 30-NOV-2020:00:00:00 AND 06-DEC-2020:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

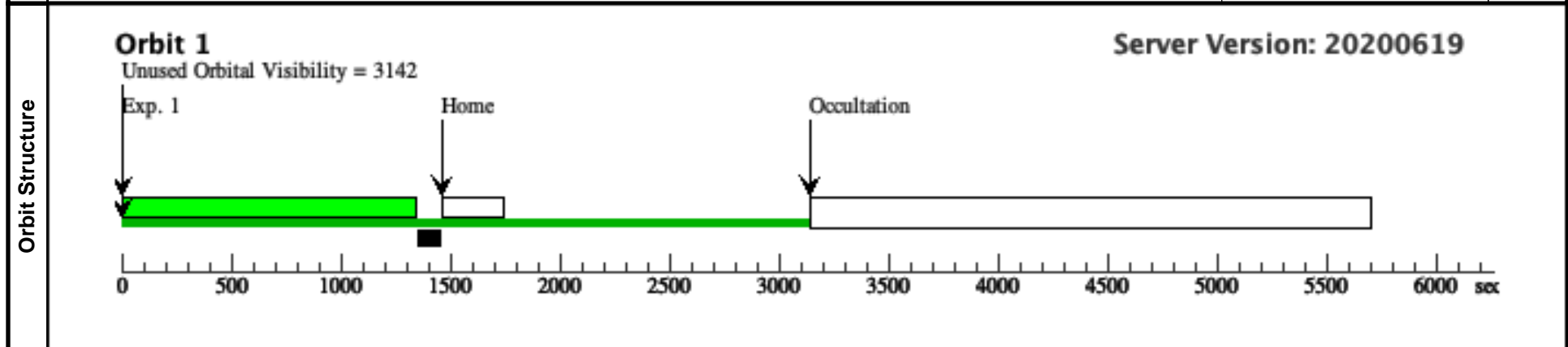


Proposal 16327 - Visit 06 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 06									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 05 BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

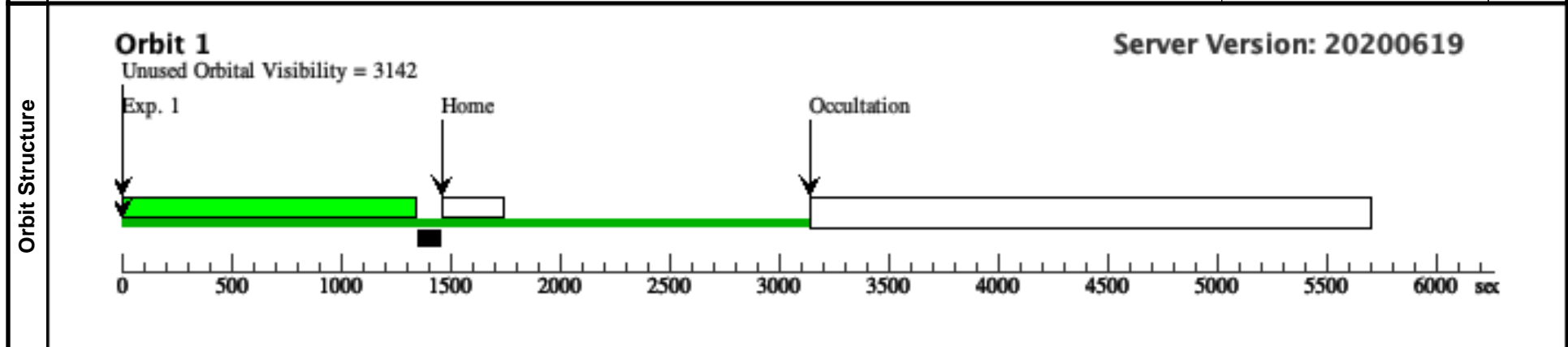


Proposal 16327 - Visit 07 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 07									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 14-DEC-2020:00:00:00 AND 20-DEC-2020:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs) [==>]

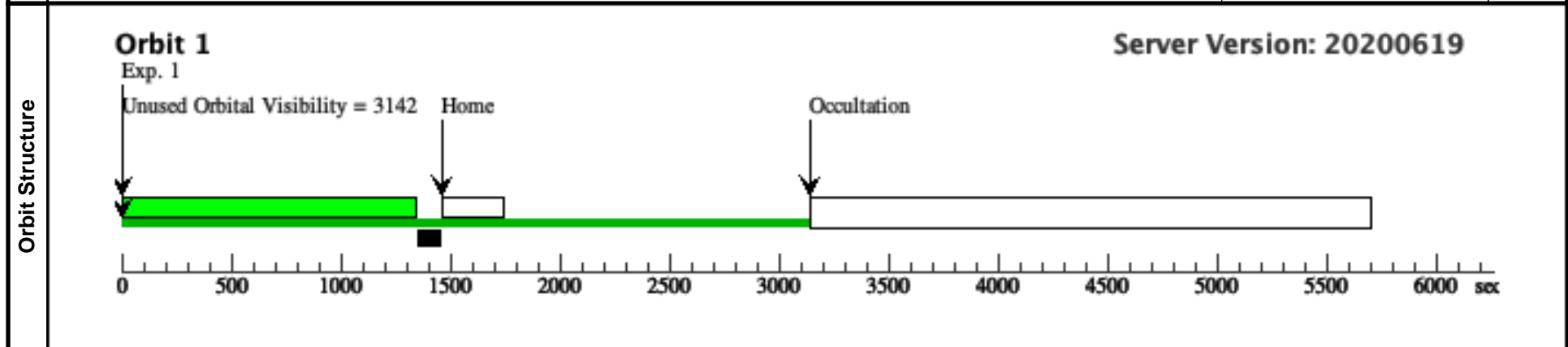


Proposal 16327 - Visit 08 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 08									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 07 BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

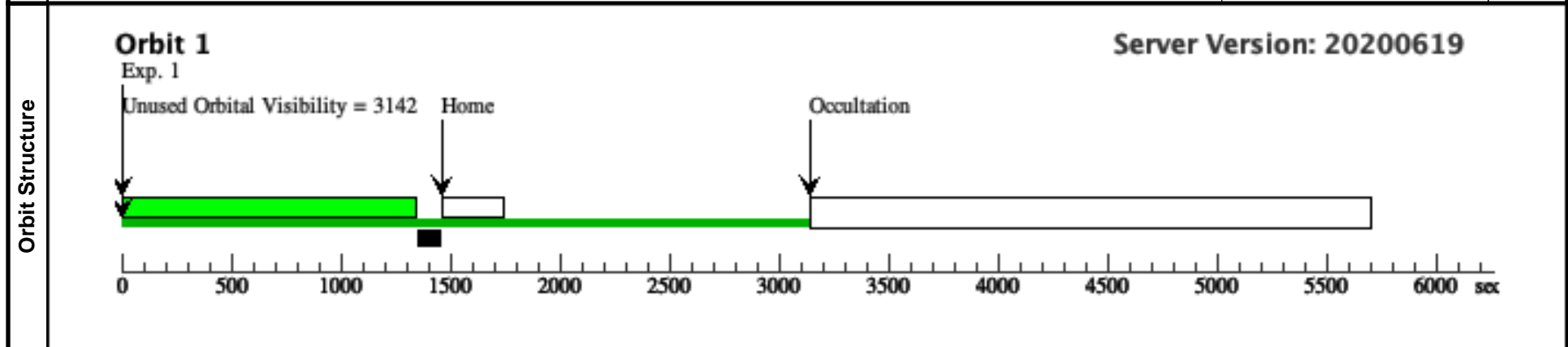


Proposal 16327 - Visit 09 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 09									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 28-DEC-2020:00:00:00 AND 03-JAN-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

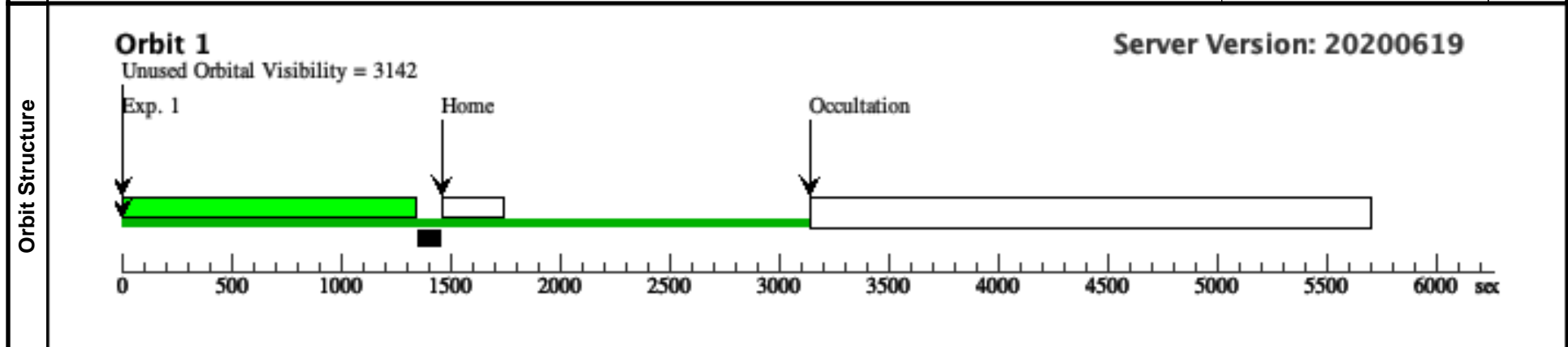


Proposal 16327 - Visit 0A - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0A									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 09 BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

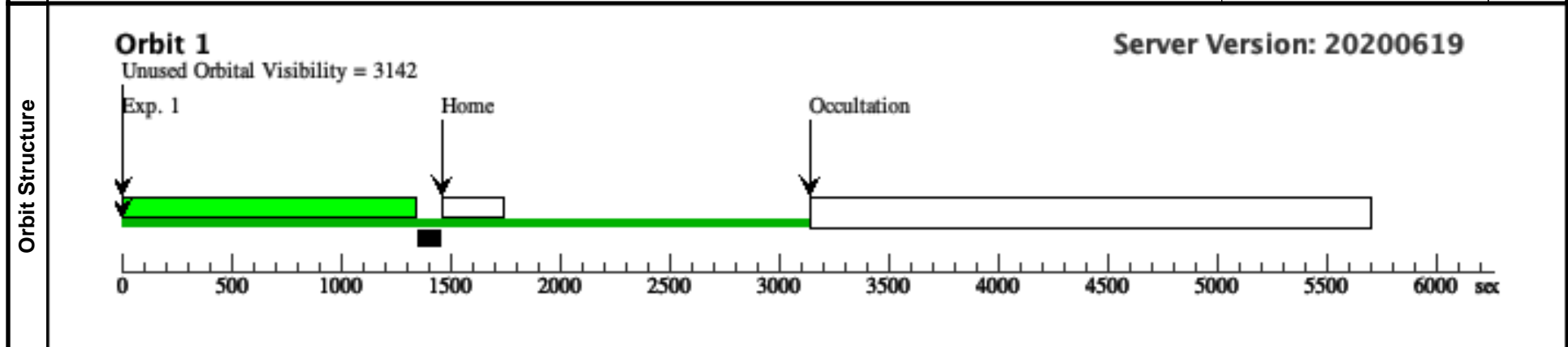


Proposal 16327 - Visit 0B - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0B									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 11-JAN-2021:00:00:00 AND 17-JAN-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

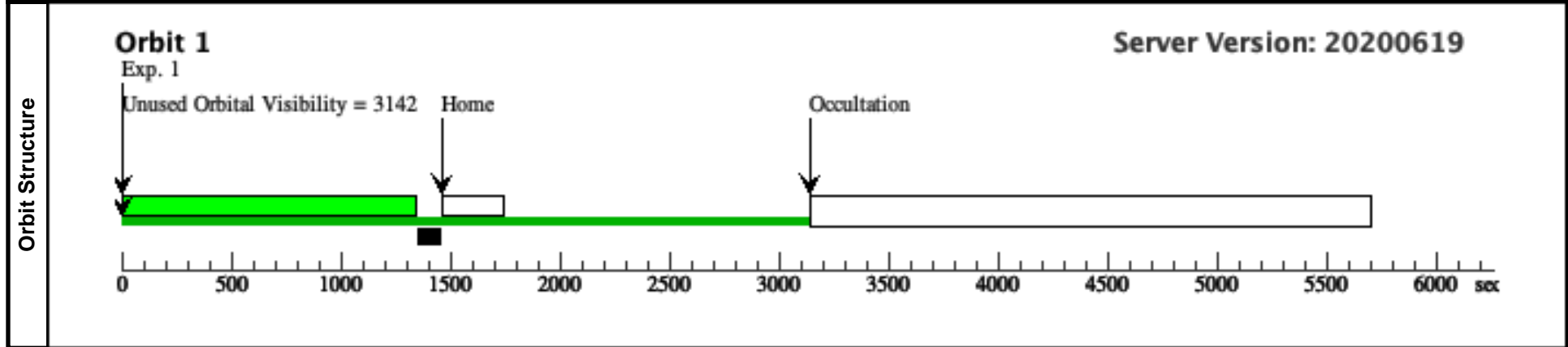


Proposal 16327 - Visit 0C - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0C									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0B BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]



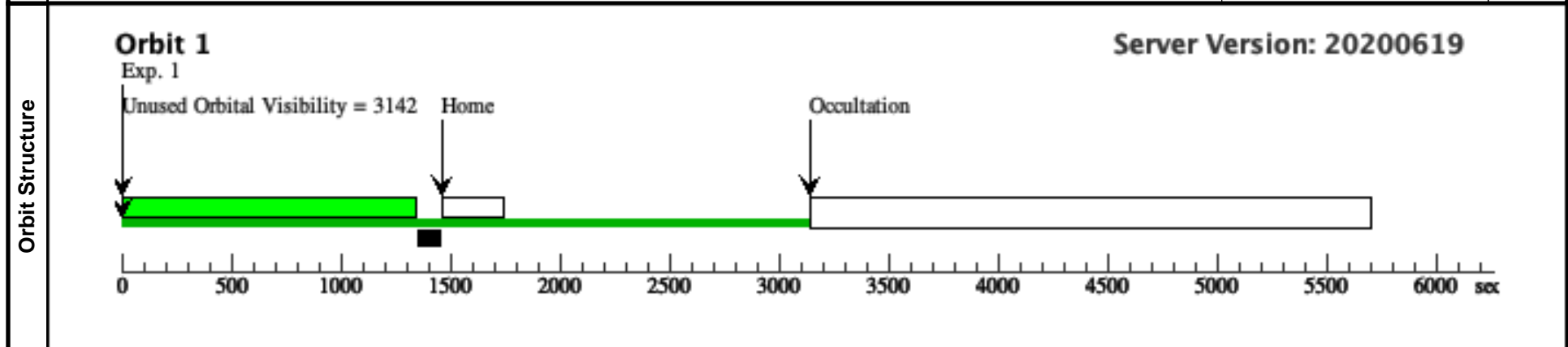


Proposal 16327 - Visit 0D - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0D									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 25-JAN-2021:00:00:00 AND 31-JAN-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

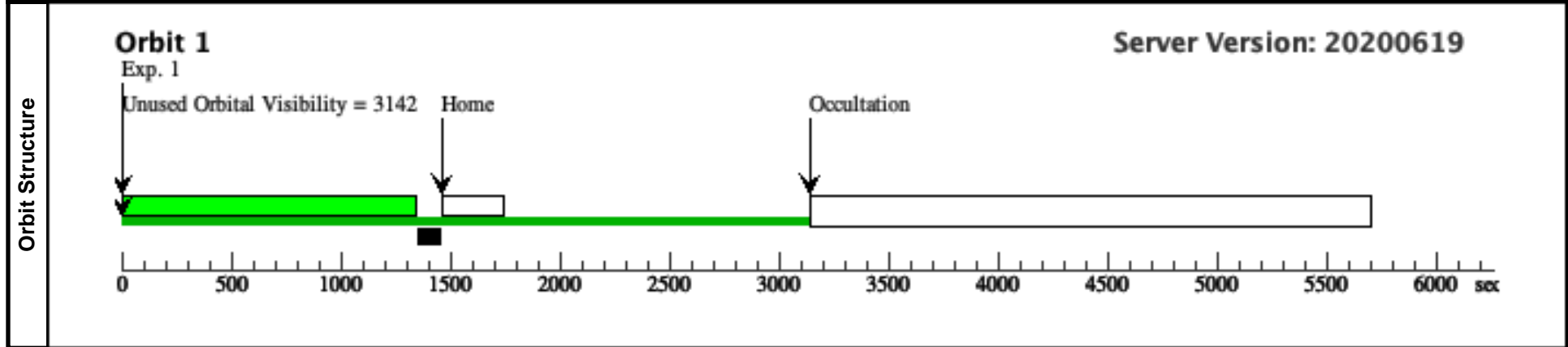


Proposal 16327 - Visit 0E - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0E									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0D BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

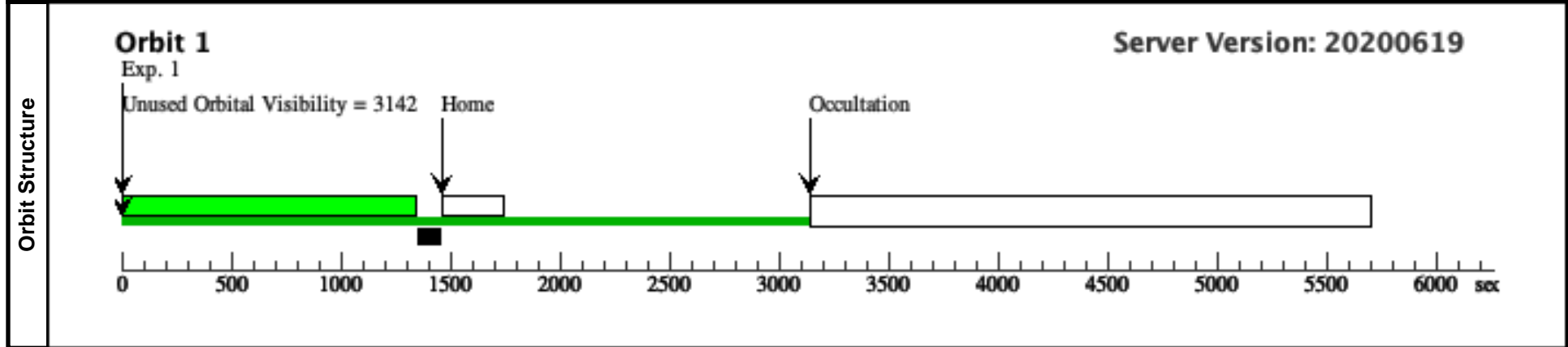


Proposal 16327 - Visit 0F - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0F									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 08-FEB-2021:00:00:00 AND 14-FEB-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

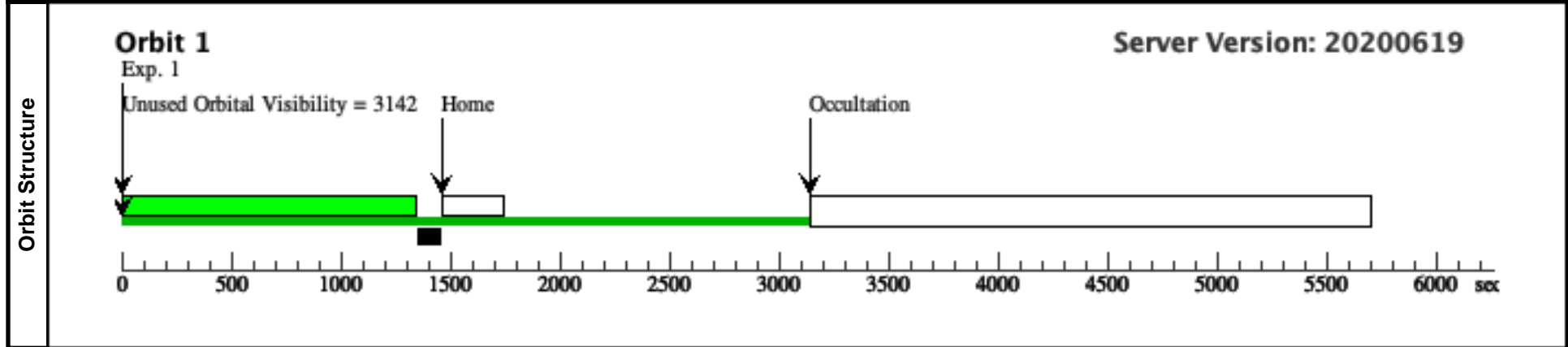


Proposal 16327 - Visit 0G - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0G									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0F BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

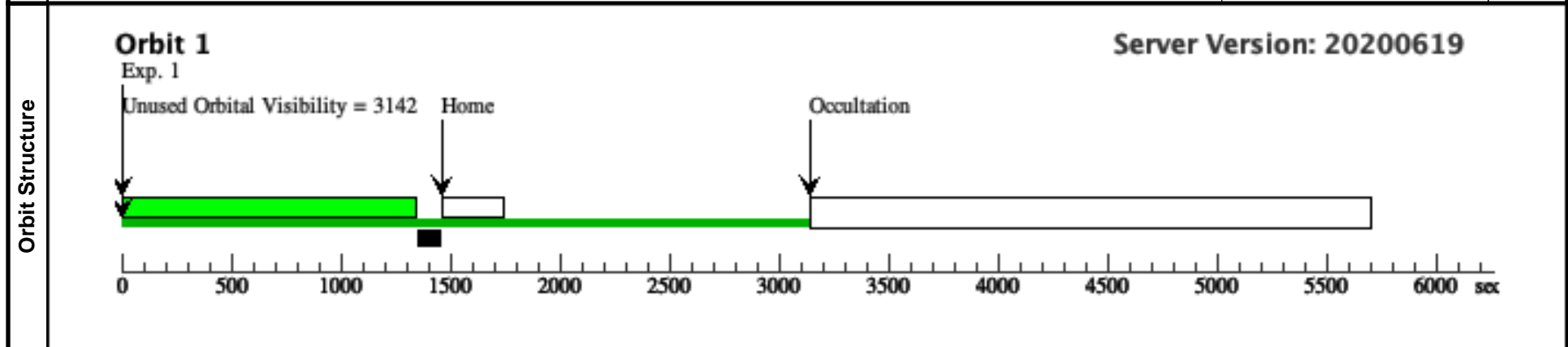


Proposal 16327 - Visit 0H - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0H									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 22-FEB-2021:00:00:00 AND 28-FEB-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs) [==>]

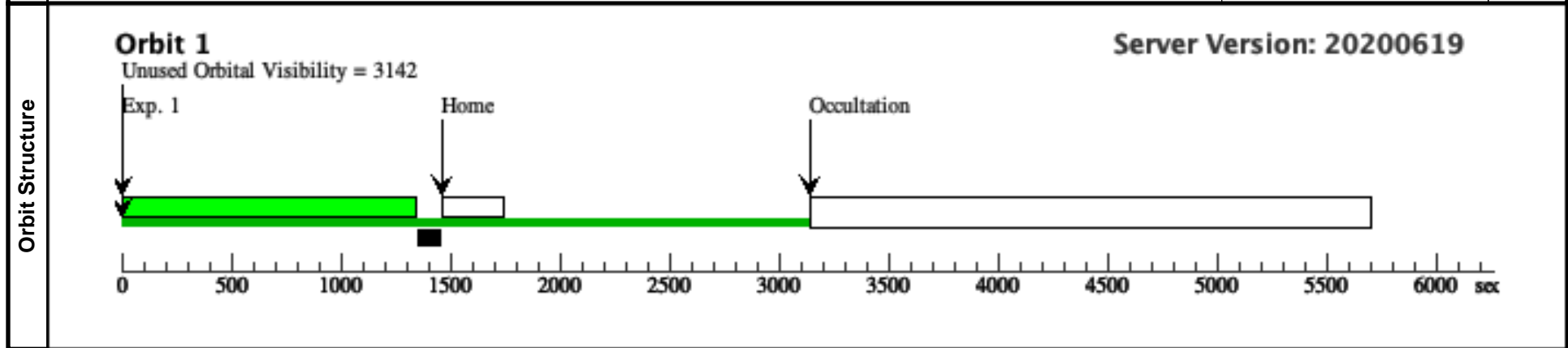


Proposal 16327 - Visit 01 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 01									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0H BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

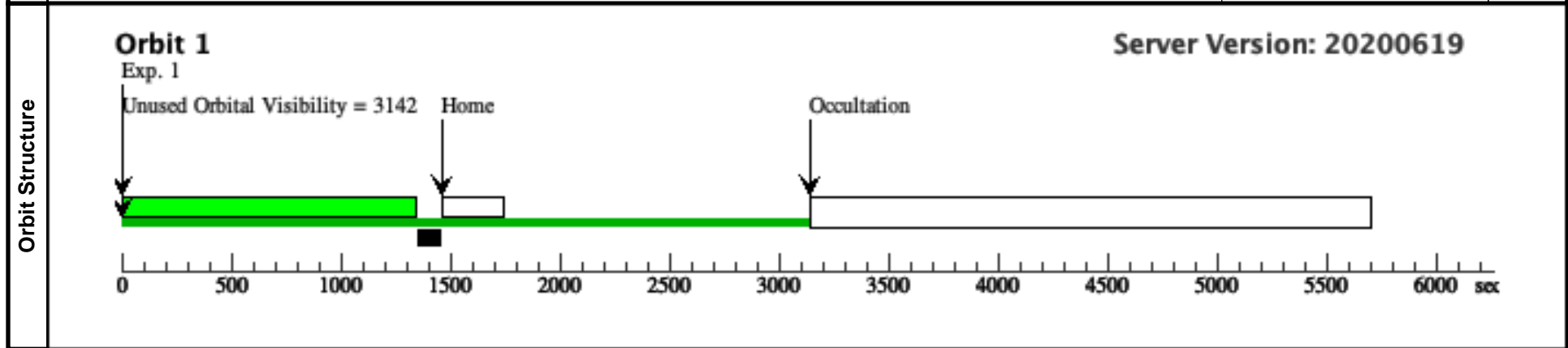


Proposal 16327 - Visit 0J - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0J									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 08-MAR-2021:00:00:00 AND 14-MAR-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

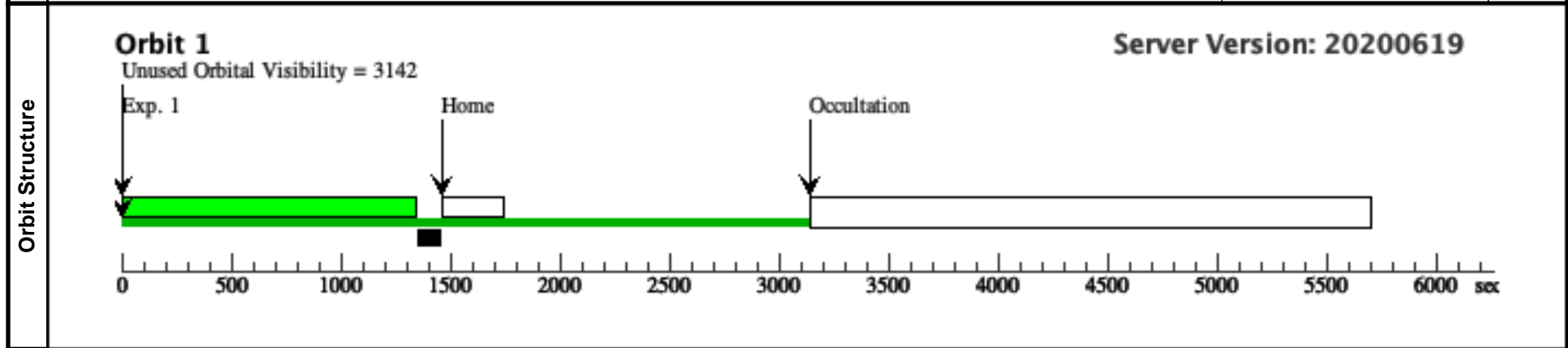


Proposal 16327 - Visit 0K - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0K									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0J BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]



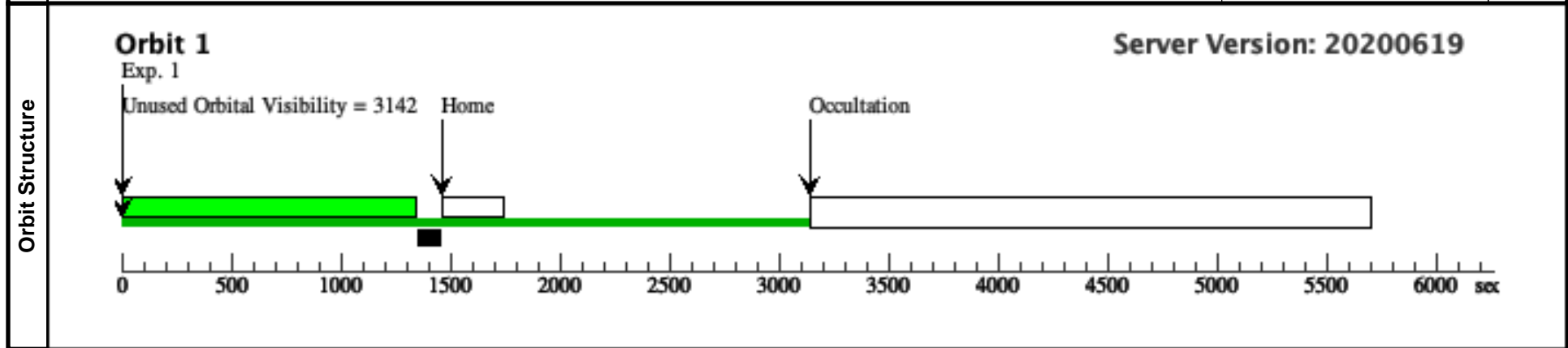


Proposal 16327 - Visit 0L - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0L									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 22-MAR-2021:00:00:00 AND 28-MAR-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

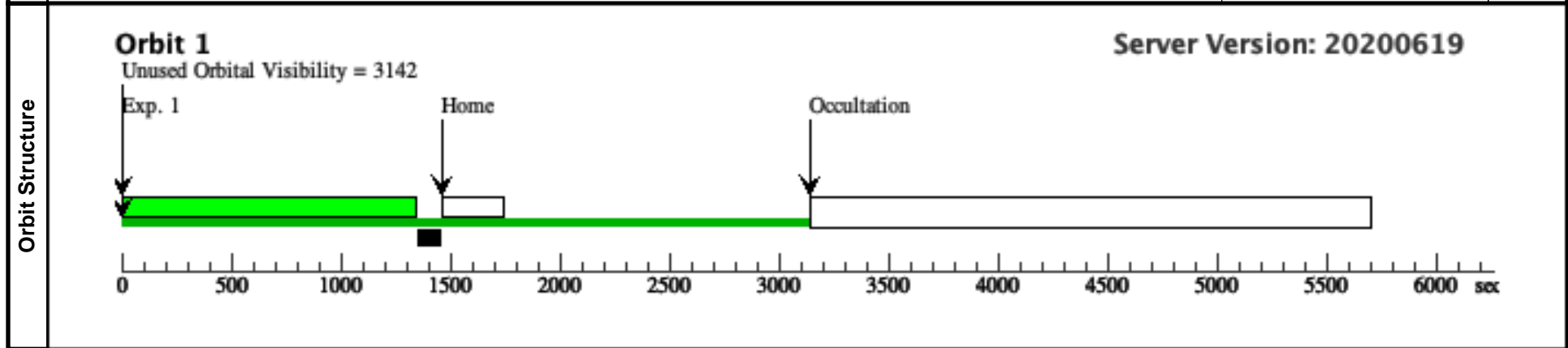


Proposal 16327 - Visit 0M - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0M									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0L BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

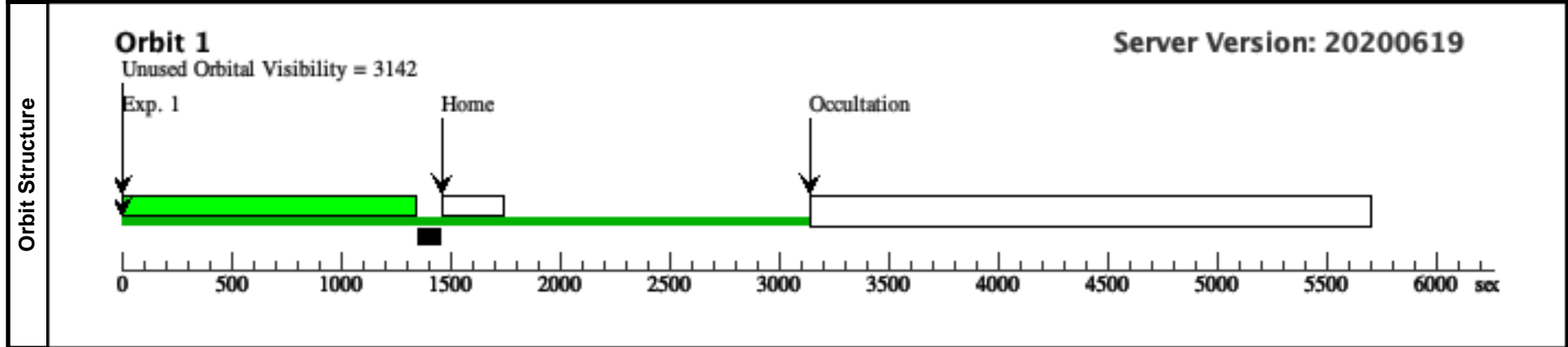


Proposal 16327 - Visit 0N - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0N									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 05-APR-2021:00:00:00 AND 11-APR-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

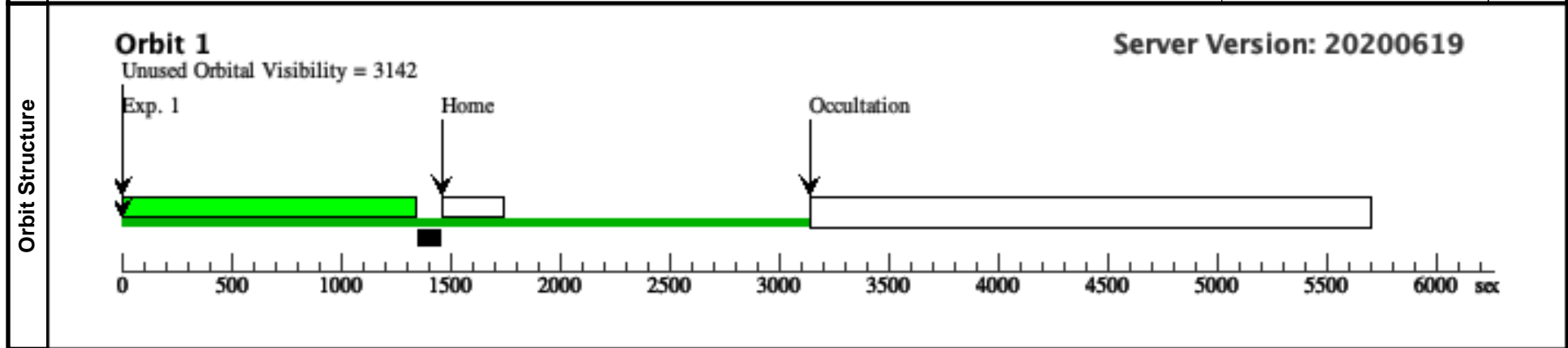


Proposal 16327 - Visit 00 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 00									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0N BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

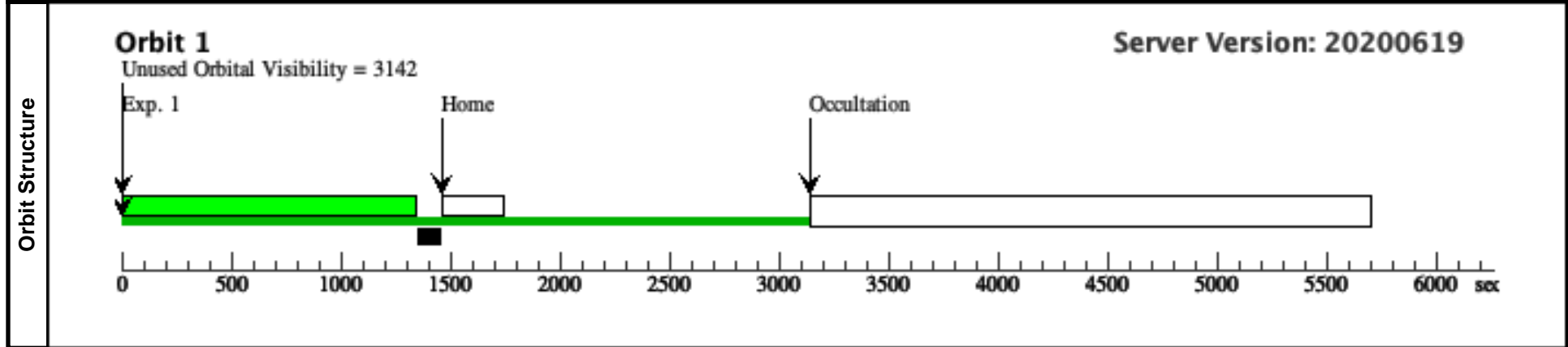


Proposal 16327 - Visit 0P - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0P									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 19-APR-2021:00:00:00 AND 25-APR-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs) [==>]

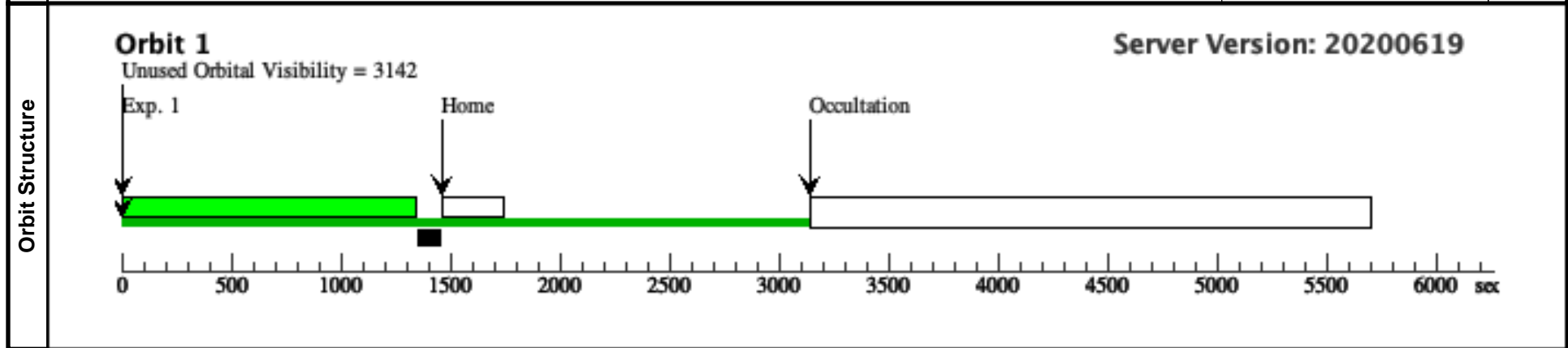


Proposal 16327 - Visit 0Q - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0Q									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER OP BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

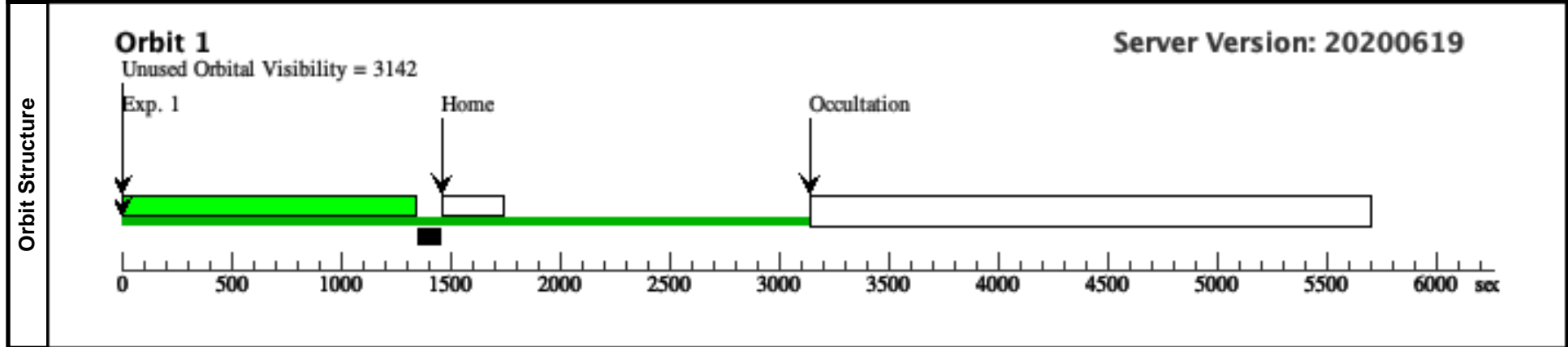


Proposal 16327 - Visit 0R - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0R									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 03-MAY-2021:00:00:00 AND 09-MAY-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

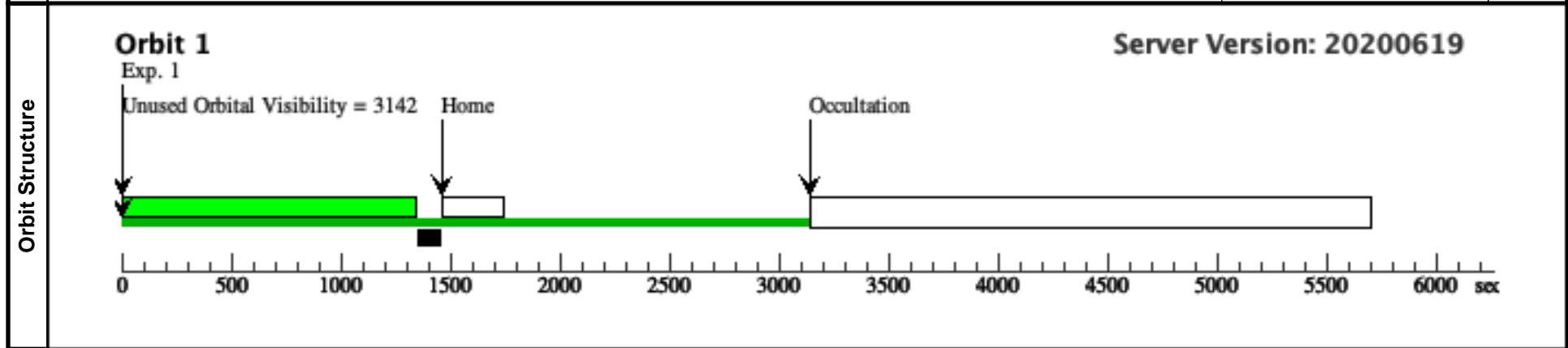


Proposal 16327 - Visit 0S - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0S									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0R BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]



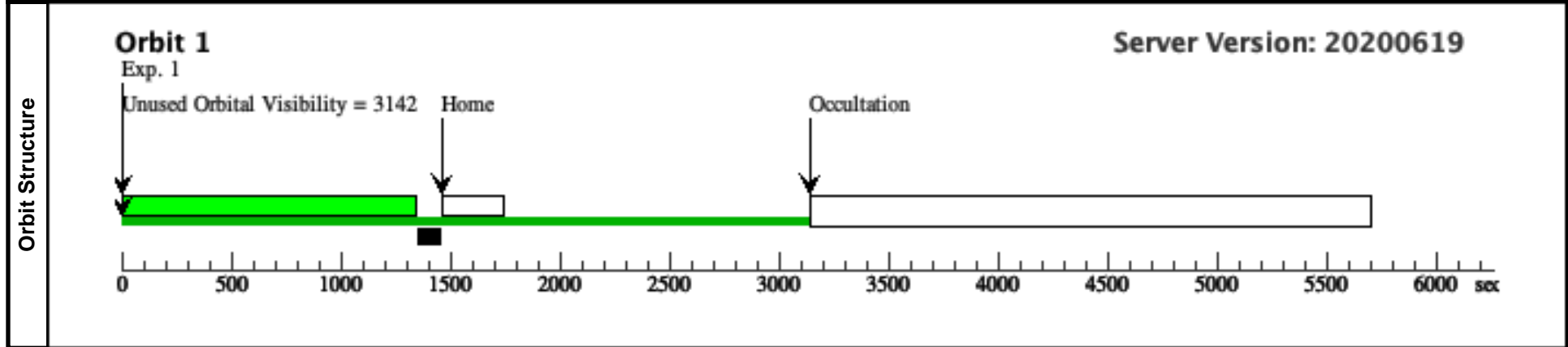


Proposal 16327 - Visit 0T - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0T									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 17-MAY-2021:00:00:00 AND 23-MAY-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs) [==>]

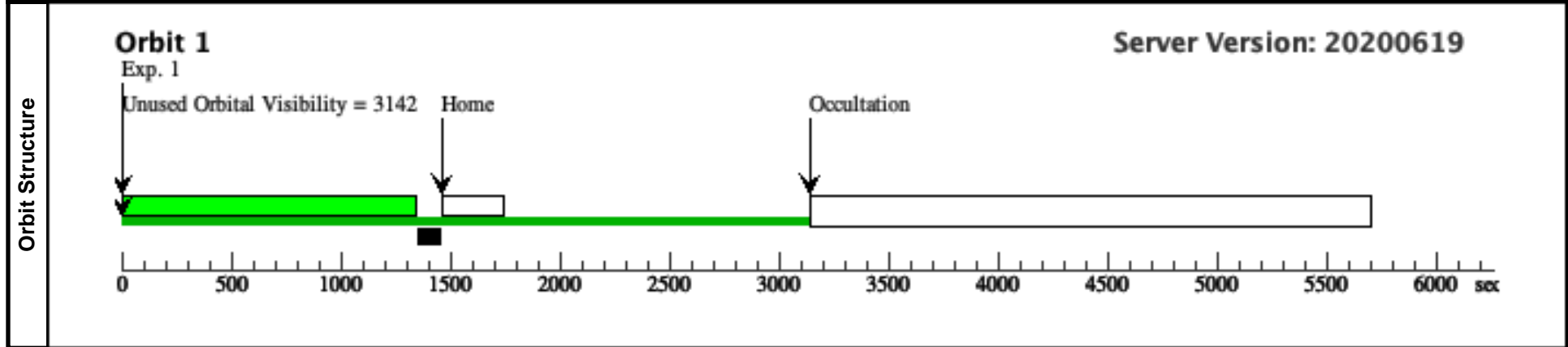


Proposal 16327 - Visit 0U - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0U									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0T BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

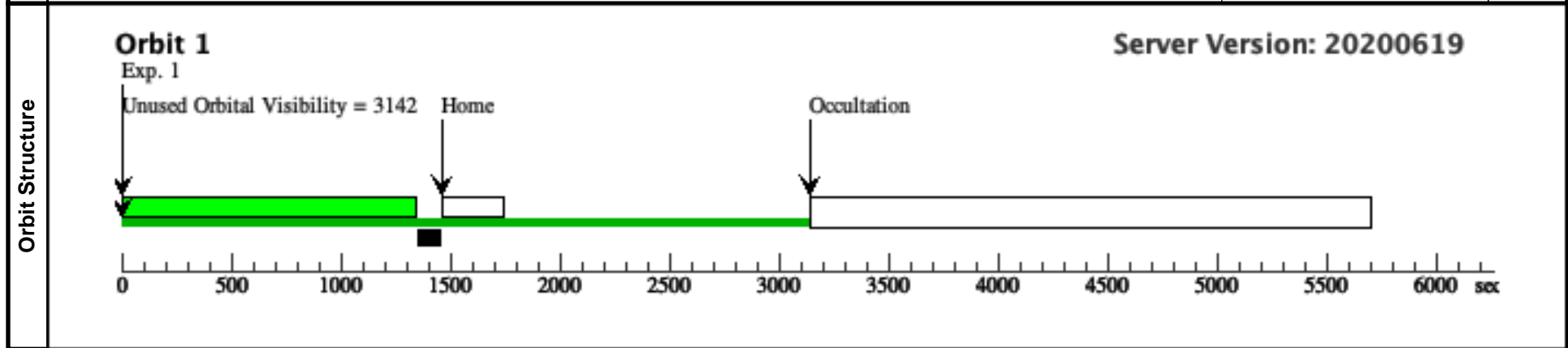


Proposal 16327 - Visit 0V - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0V									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 31-MAY-2021:00:00:00 AND 06-JUN-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs) [==>]

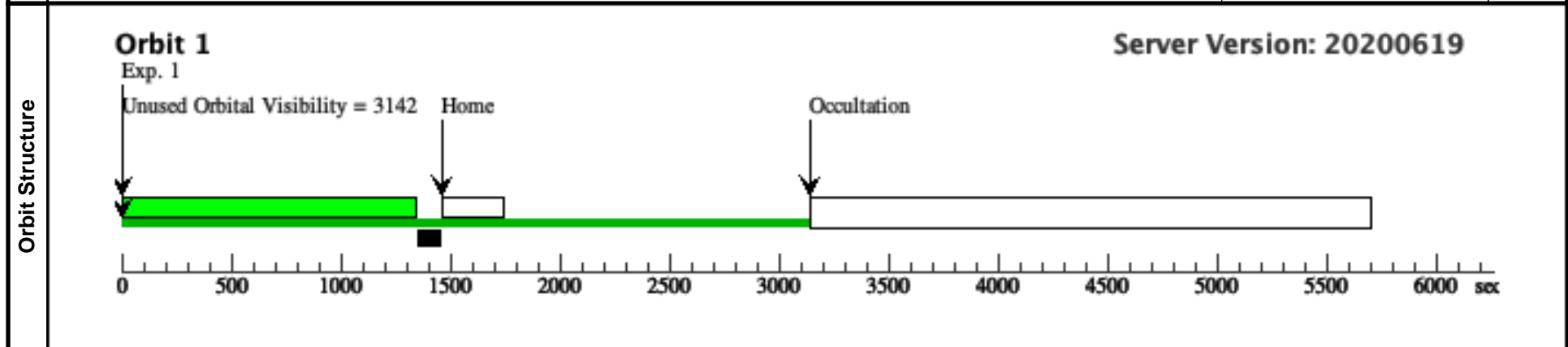


Proposal 16327 - Visit 0W - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0W									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0V BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

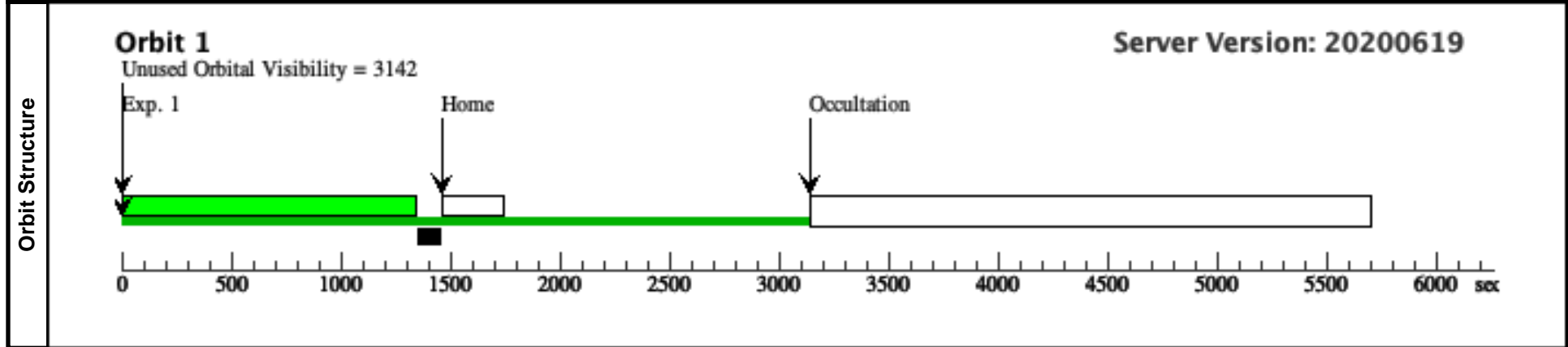


Proposal 16327 - Visit 0X - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0X									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 14-JUN-2021:00:00:00 AND 20-JUN-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs) [==>]

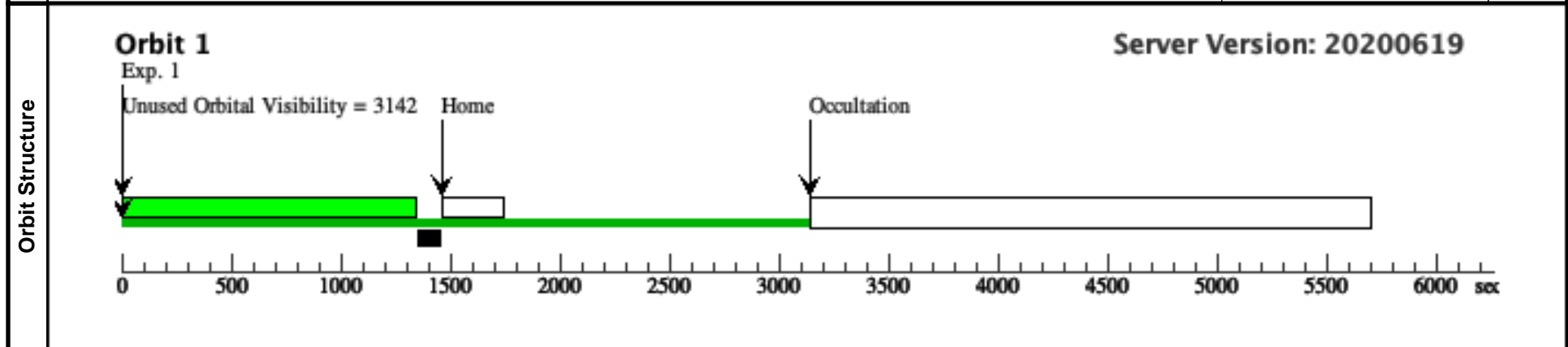


Proposal 16327 - Visit 0Y - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:36 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0Y									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0X BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

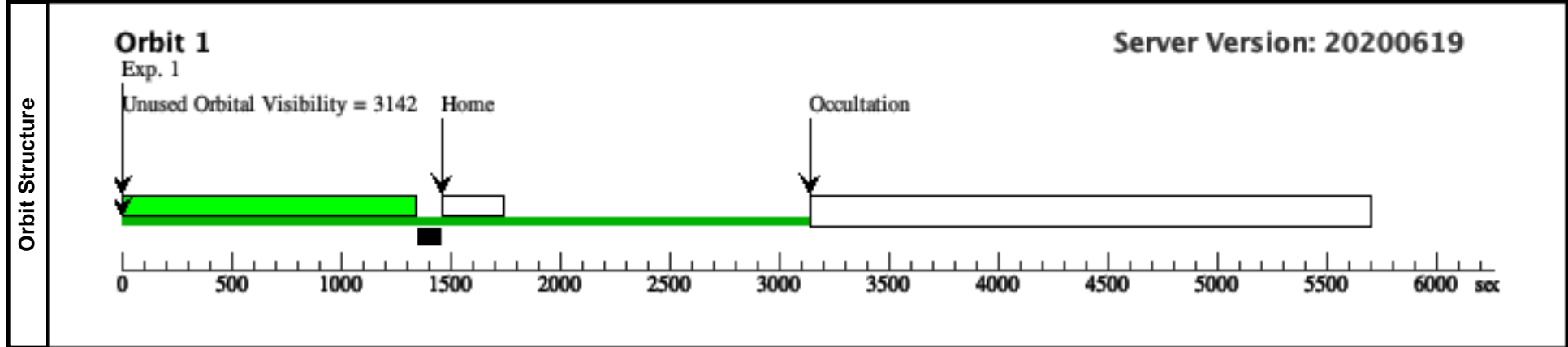


Proposal 16327 - Visit 0Z - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 0Z									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 28-JUN-2021:00:00:00 AND 04-JUL-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs) [==>]

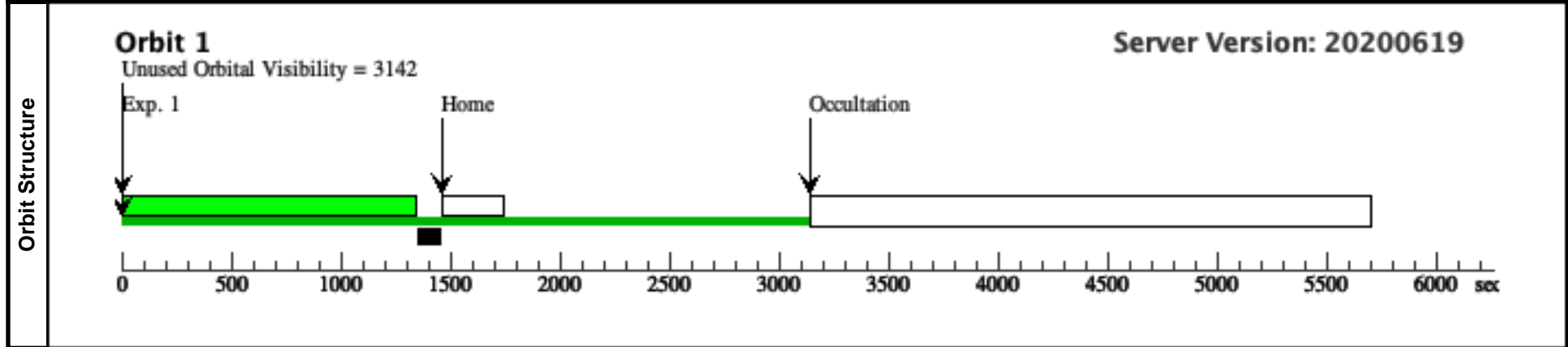


Proposal 16327 - Visit 10 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 10									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0Z BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]



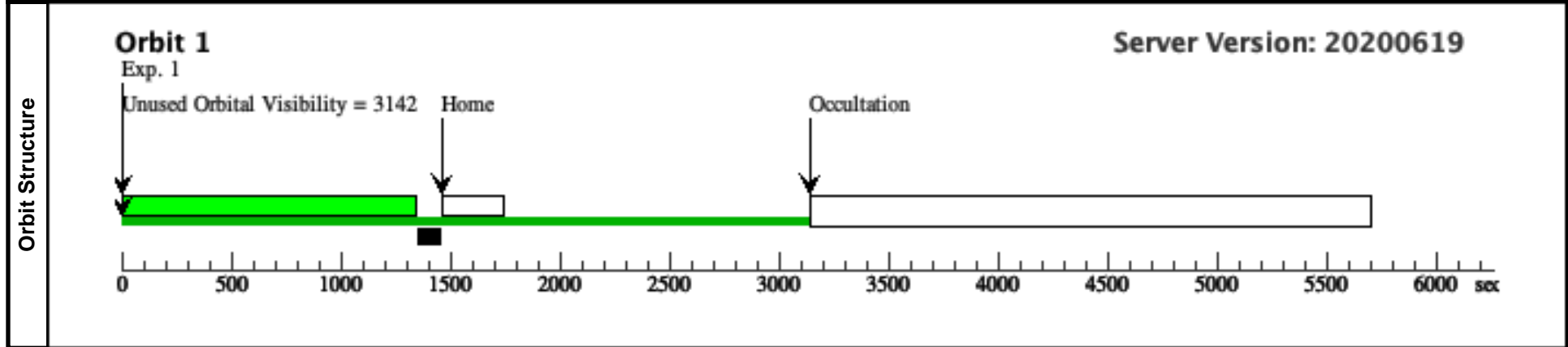


Proposal 16327 - Visit 11 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 11									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 12-JUL-2021:00:00:00 AND 18-JUL-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs) [==>]

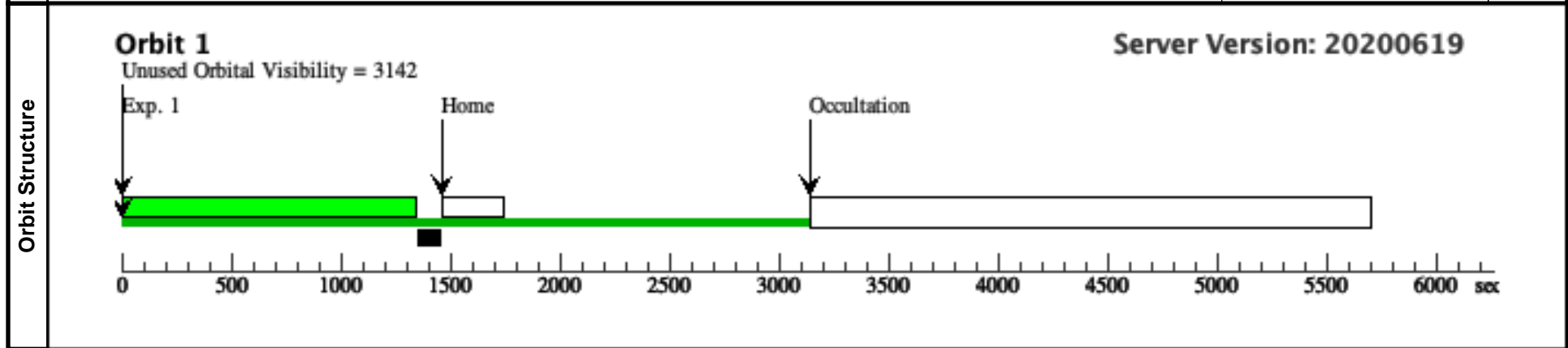


Proposal 16327 - Visit 12 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 12									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 11 BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

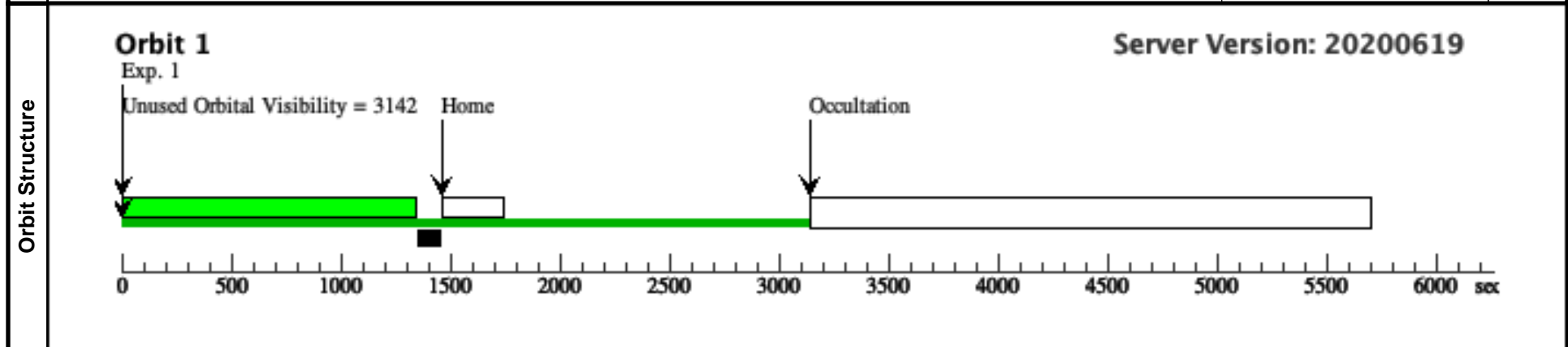


Proposal 16327 - Visit 13 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 13									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 26-JUL-2021:00:00:00 AND 01-AUG-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

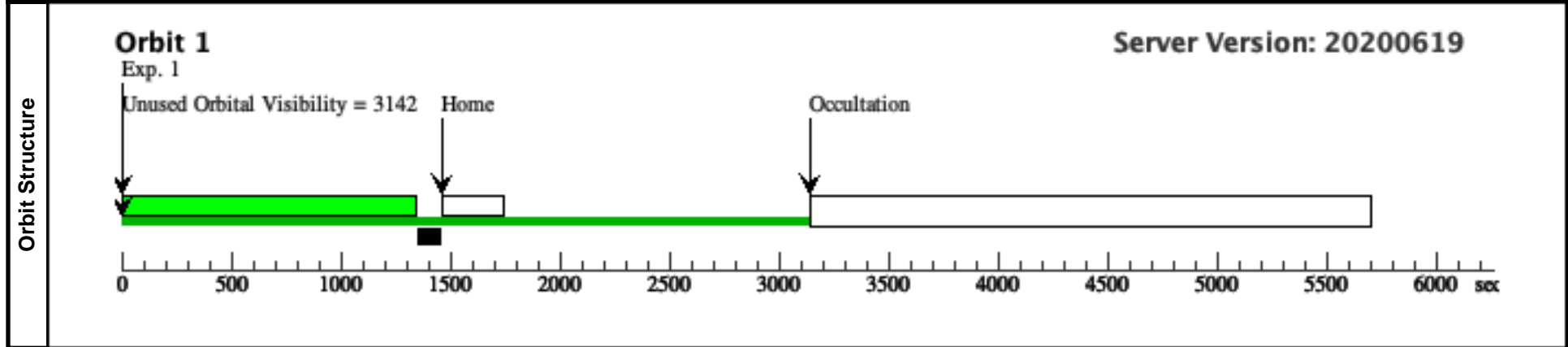


Proposal 16327 - Visit 14 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 14									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 13 BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

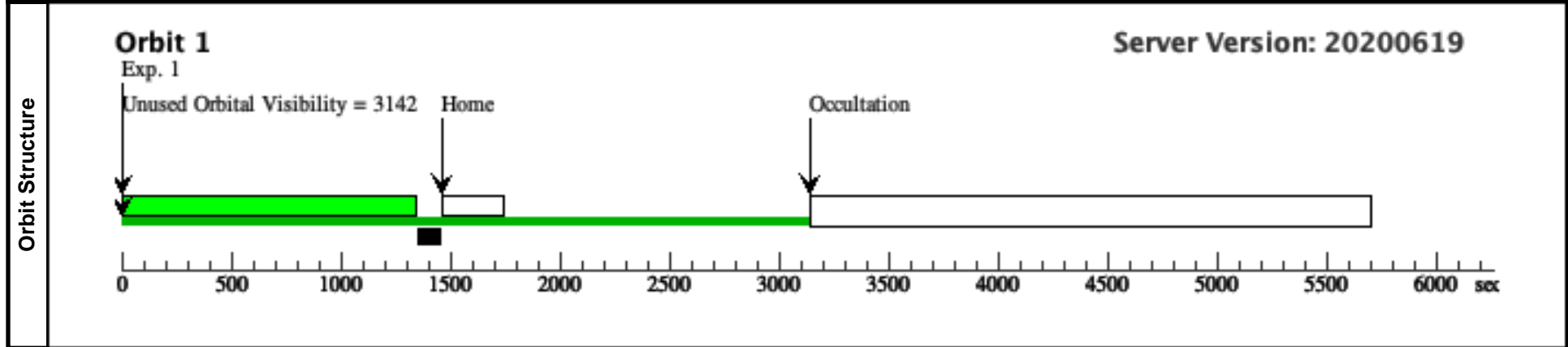


Proposal 16327 - Visit 15 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 15									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 09-AUG-2021:00:00:00 AND 15-AUG-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

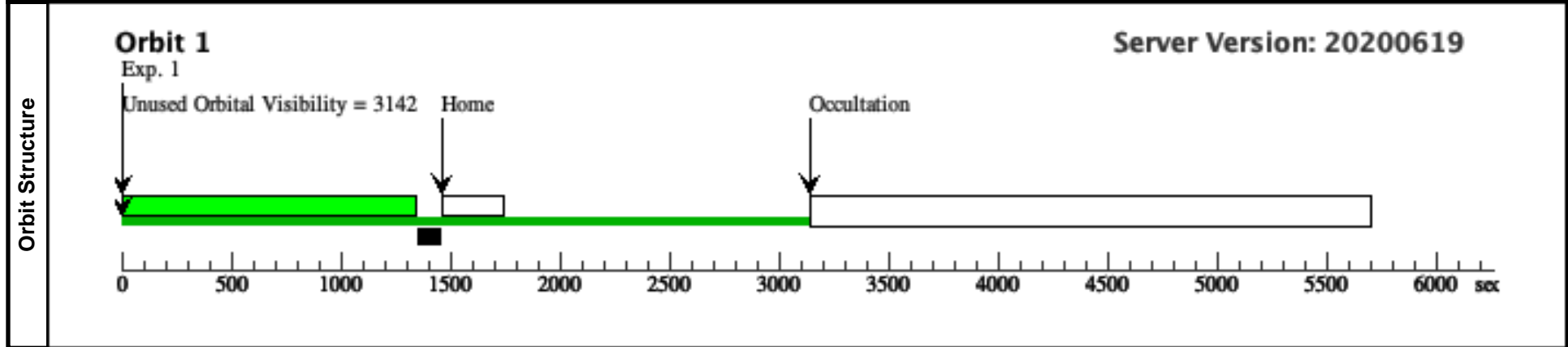


Proposal 16327 - Visit 16 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 16									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 15 BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

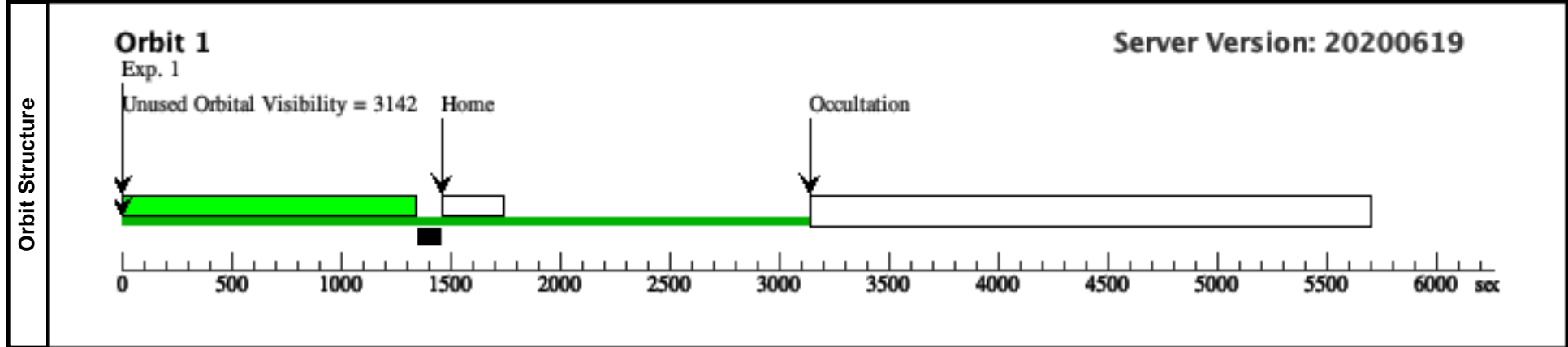


Proposal 16327 - Visit 17 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 17 Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: BETWEEN 23-AUG-2021:00:00:00 AND 29-AUG-2021:23:59:59							
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<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs) [==>]

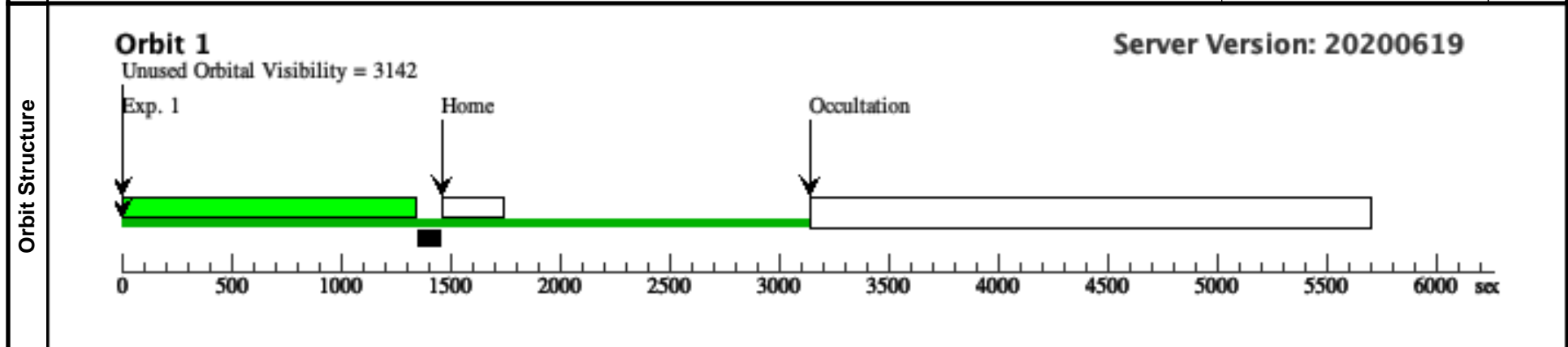


Proposal 16327 - Visit 18 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 18									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 17 BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]



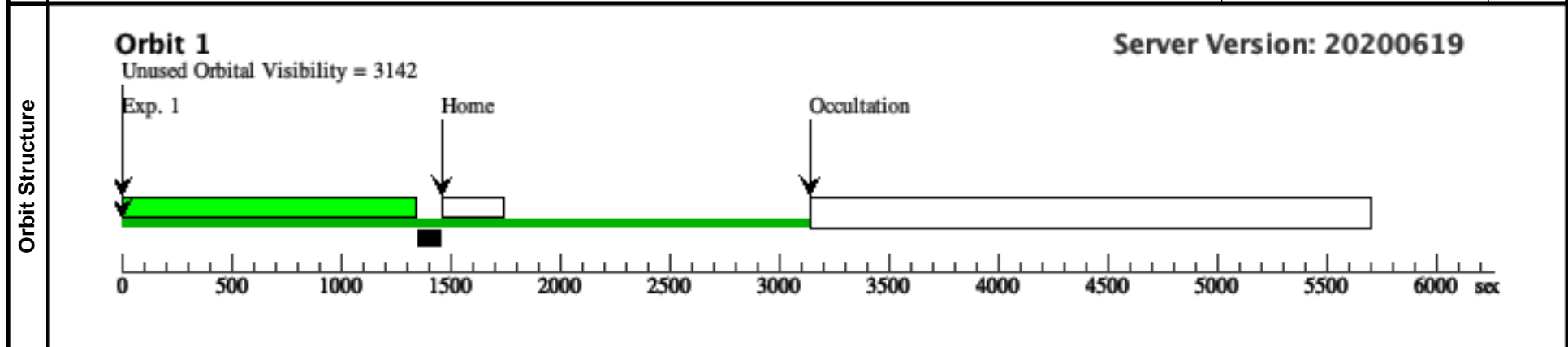


Proposal 16327 - Visit 19 - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 19									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 06-SEP-2021:00:00:00 AND 12-SEP-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

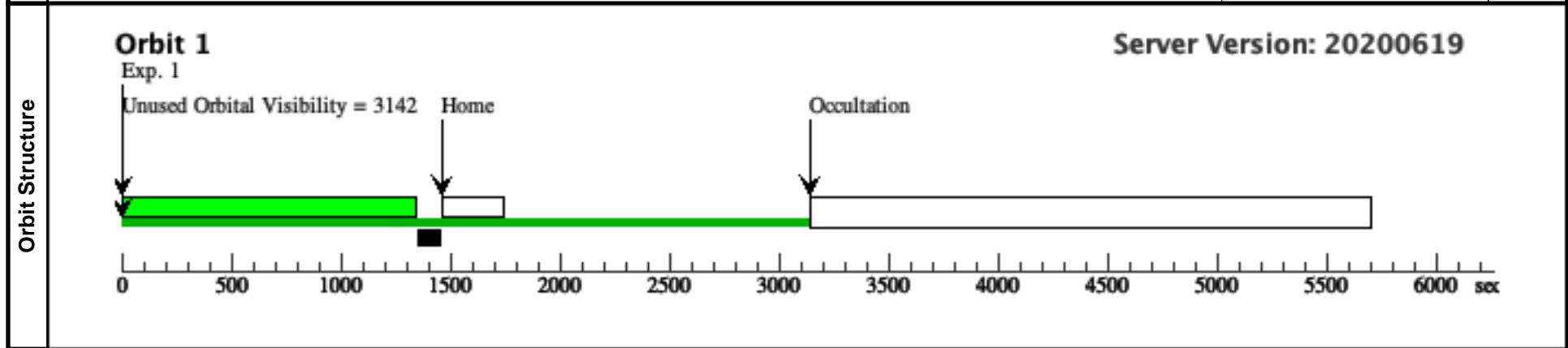


Proposal 16327 - Visit 1A - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 1A									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 19 BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

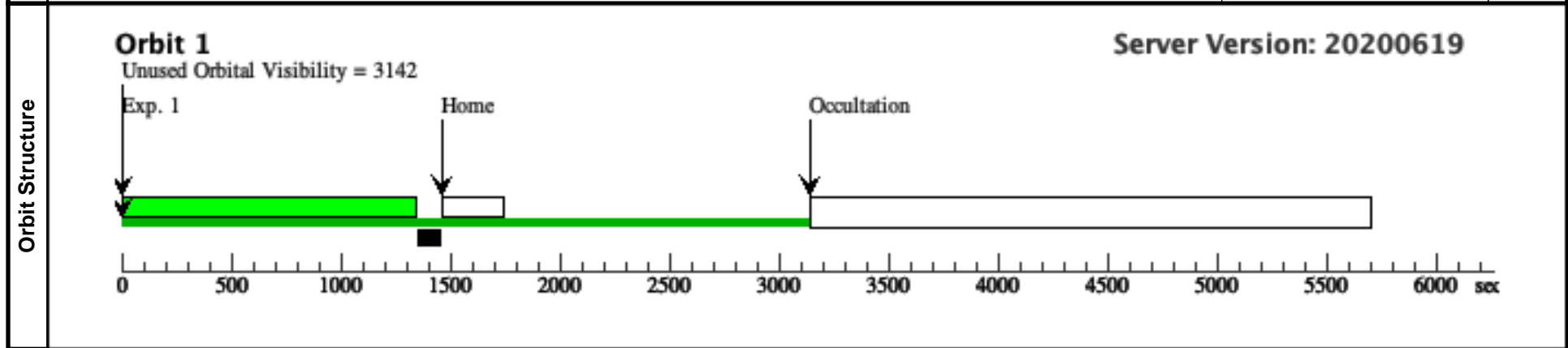


Proposal 16327 - Visit 1B - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 1B									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 20-SEP-2021:00:00:00 AND 26-SEP-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs) [==>]

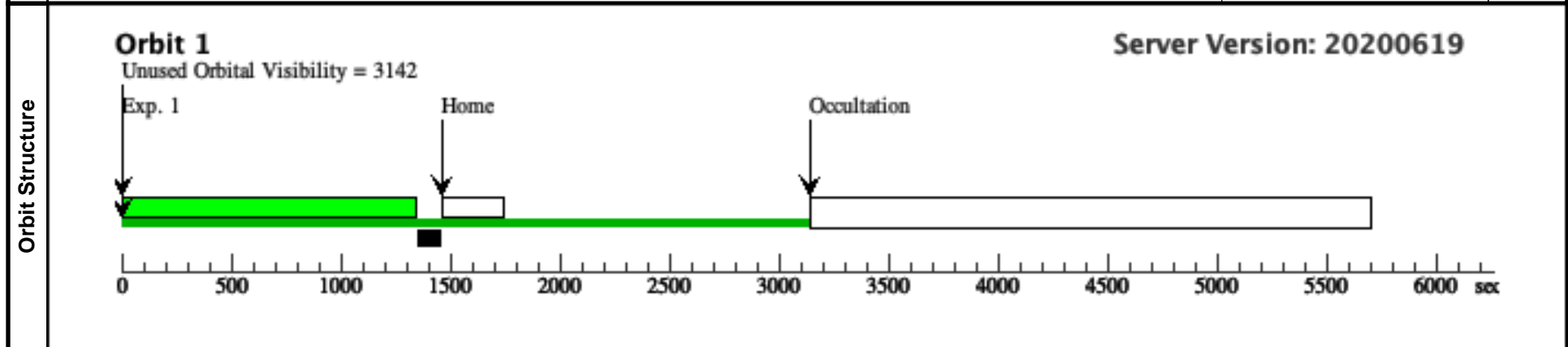


Proposal 16327 - Visit 1C - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 1C									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 1B BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

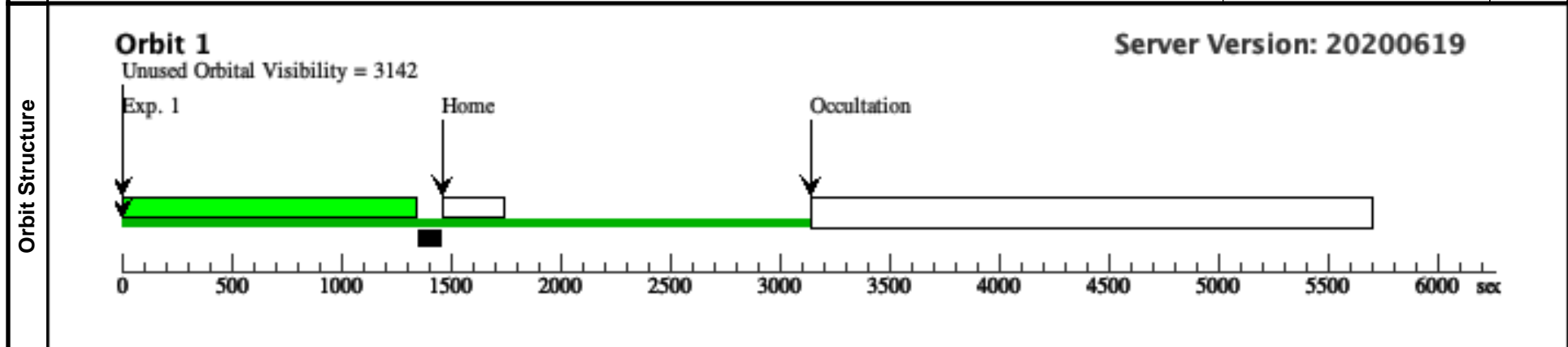


Proposal 16327 - Visit 1D - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 1D									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 04-OCT-2021:00:00:00 AND 10-OCT-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

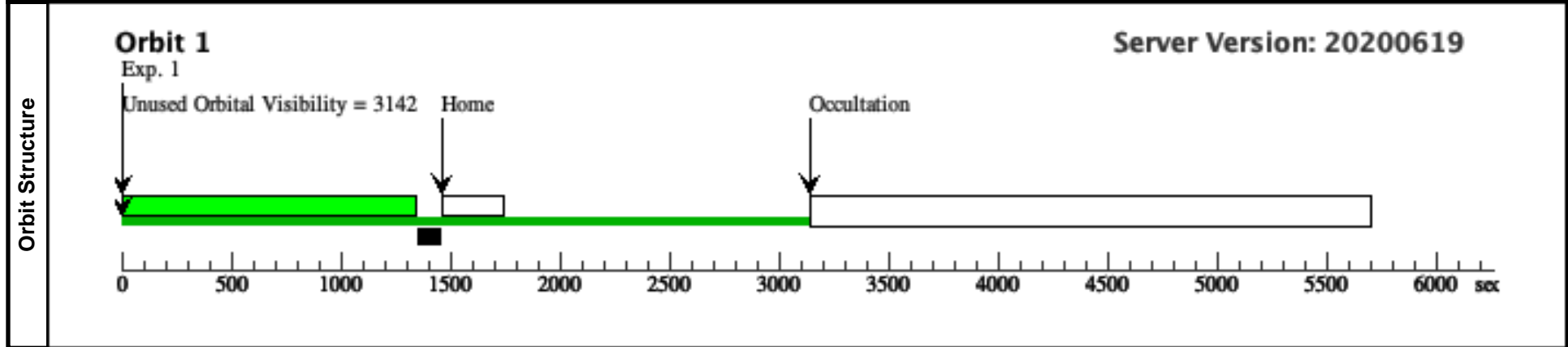


Proposal 16327 - Visit 1E - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 1E									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 1D BY 5.5 Orbits TO 8.5 Orbits									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]

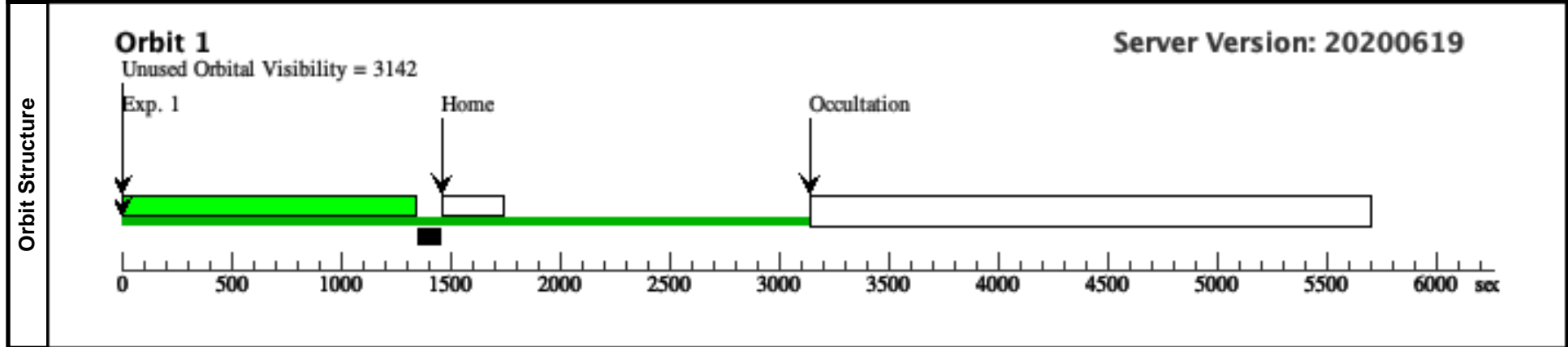


Proposal 16327 - Visit 1F - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 1F									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 18-OCT-2021:00:00:00 AND 24-OCT-2021:23:59:59									

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs)
									[==>]	[1]



Proposal 16327 - Visit 1G - Cycle 28 COS/NUV Detector Dark Monitor

Tue Aug 04 11:00:37 GMT 2020

<b>Visit</b>	Proposal 16327, Visit 1G Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: AFTER 1F BY 5.5 Orbits TO 8.5 Orbits									
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<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		DARK		COS/NUV, TIME-TAG, DEF	DEF	BUFFER-TIME=13 30			1330.0 Secs (1330 Secs) [==>]	[1]

