



16535 - Cycle 29 COS/NUV Detector Dark Monitor

Cycle: 29, Proposal Category: CAL/COS

(Availability Mode: RESTRICTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dzhuliya "Julia" Dashtamirova (PI) (Contact)	Space Telescope Science Institute	dashtamirova@stsci.edu
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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	DARK	COS/NUV	1	18-Jun-2021 07:00:16.0	yes
02	DARK	COS/NUV	1	18-Jun-2021 07:00:17.0	yes
03	DARK	COS/NUV	1	18-Jun-2021 07:00:17.0	yes
04	DARK	COS/NUV	1	18-Jun-2021 07:00:17.0	yes
05	DARK	COS/NUV	1	18-Jun-2021 07:00:18.0	yes
06	DARK	COS/NUV	1	18-Jun-2021 07:00:18.0	yes
07	DARK	COS/NUV	1	18-Jun-2021 07:00:18.0	yes
08	DARK	COS/NUV	1	18-Jun-2021 07:00:18.0	yes
09	DARK	COS/NUV	1	18-Jun-2021 07:00:19.0	yes
0A	DARK	COS/NUV	1	18-Jun-2021 07:00:19.0	yes
0B	DARK	COS/NUV	1	18-Jun-2021 07:00:19.0	yes
0C	DARK	COS/NUV	1	18-Jun-2021 07:00:19.0	yes

Proposal 16535 (STScI Edit Number: 4, Created: Friday, June 18, 2021 at 6:00:30 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>
0D	DARK	COS/NUV	1	18-Jun-2021 07:00:20.0	yes
0E	DARK	COS/NUV	1	18-Jun-2021 07:00:20.0	yes
0F	DARK	COS/NUV	1	18-Jun-2021 07:00:20.0	yes
0G	DARK	COS/NUV	1	18-Jun-2021 07:00:20.0	yes
0H	DARK	COS/NUV	1	18-Jun-2021 07:00:21.0	yes
0I	DARK	COS/NUV	1	18-Jun-2021 07:00:21.0	yes
0J	DARK	COS/NUV	1	18-Jun-2021 07:00:21.0	yes
0K	DARK	COS/NUV	1	18-Jun-2021 07:00:21.0	yes
0L	DARK	COS/NUV	1	18-Jun-2021 07:00:22.0	yes
0M	DARK	COS/NUV	1	18-Jun-2021 07:00:22.0	yes
0N	DARK	COS/NUV	1	18-Jun-2021 07:00:22.0	yes
0O	DARK	COS/NUV	1	18-Jun-2021 07:00:22.0	yes
0P	DARK	COS/NUV	1	18-Jun-2021 07:00:23.0	yes
0Q	DARK	COS/NUV	1	18-Jun-2021 07:00:23.0	yes
0R	DARK	COS/NUV	1	18-Jun-2021 07:00:23.0	yes
0S	DARK	COS/NUV	1	18-Jun-2021 07:00:23.0	yes
0T	DARK	COS/NUV	1	18-Jun-2021 07:00:24.0	yes
0U	DARK	COS/NUV	1	18-Jun-2021 07:00:24.0	yes
0V	DARK	COS/NUV	1	18-Jun-2021 07:00:24.0	yes
0W	DARK	COS/NUV	1	18-Jun-2021 07:00:24.0	yes
0X	DARK	COS/NUV	1	18-Jun-2021 07:00:25.0	yes
0Y	DARK	COS/NUV	1	18-Jun-2021 07:00:25.0	yes
0Z	DARK	COS/NUV	1	18-Jun-2021 07:00:25.0	yes
10	DARK	COS/NUV	1	18-Jun-2021 07:00:25.0	yes
11	DARK	COS/NUV	1	18-Jun-2021 07:00:26.0	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>
12	DARK	COS/NUV	1	18-Jun-2021 07:00:26.0	yes
13	DARK	COS/NUV	1	18-Jun-2021 07:00:26.0	yes
14	DARK	COS/NUV	1	18-Jun-2021 07:00:26.0	yes
15	DARK	COS/NUV	1	18-Jun-2021 07:00:27.0	yes
16	DARK	COS/NUV	1	18-Jun-2021 07:00:27.0	yes
17	DARK	COS/NUV	1	18-Jun-2021 07:00:27.0	yes
18	DARK	COS/NUV	1	18-Jun-2021 07:00:27.0	yes
19	DARK	COS/NUV	1	18-Jun-2021 07:00:28.0	yes
1A	DARK	COS/NUV	1	18-Jun-2021 07:00:28.0	yes
1B	DARK	COS/NUV	1	18-Jun-2021 07:00:28.0	yes
1C	DARK	COS/NUV	1	18-Jun-2021 07:00:28.0	yes
1D	DARK	COS/NUV	1	18-Jun-2021 07:00:29.0	yes
1E	DARK	COS/NUV	1	18-Jun-2021 07:00:29.0	yes
1F	DARK	COS/NUV	1	18-Jun-2021 07:00:29.0	yes
1G	DARK	COS/NUV	1	18-Jun-2021 07:00:29.0	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 other 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 -----

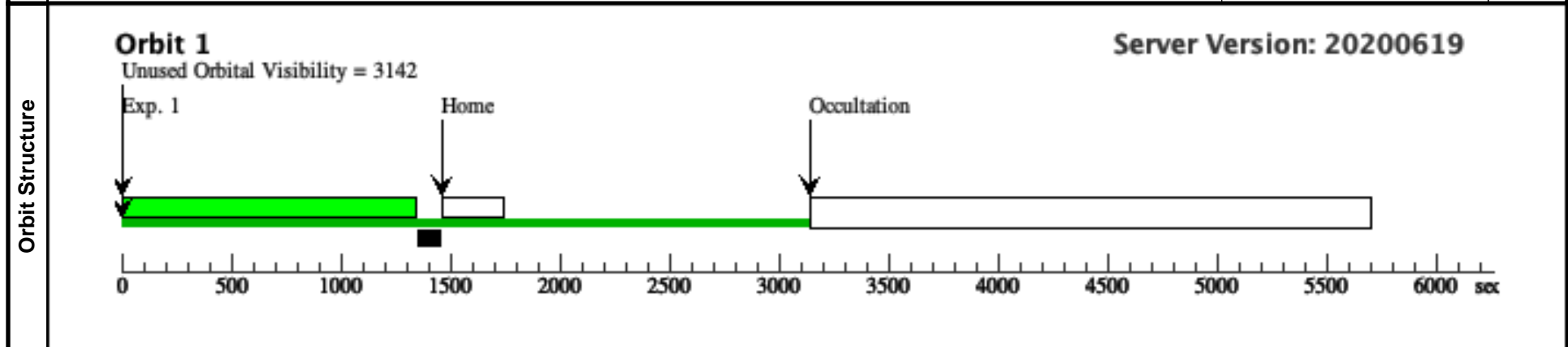
----- Additional Comments -----

Proposal 16535 - Visit 01 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 01									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 01-NOV-2021:00:00:00 AND 07-NOV-2021:23:59:59									

Exposures	#	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]

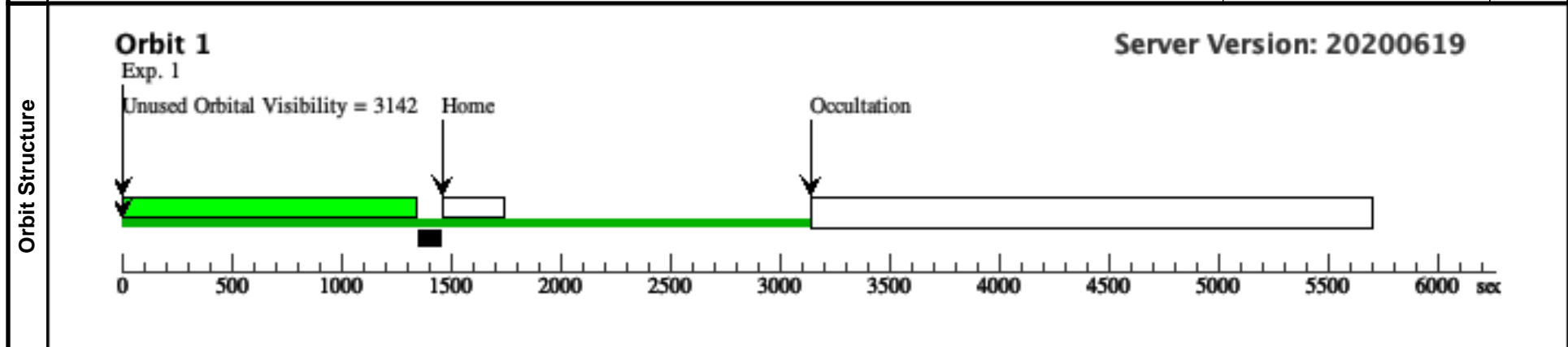


Proposal 16535 - Visit 02 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 02 Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: AFTER 01 BY 5.5 Orbits TO 8.5 Orbits									
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Exposures	#	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]

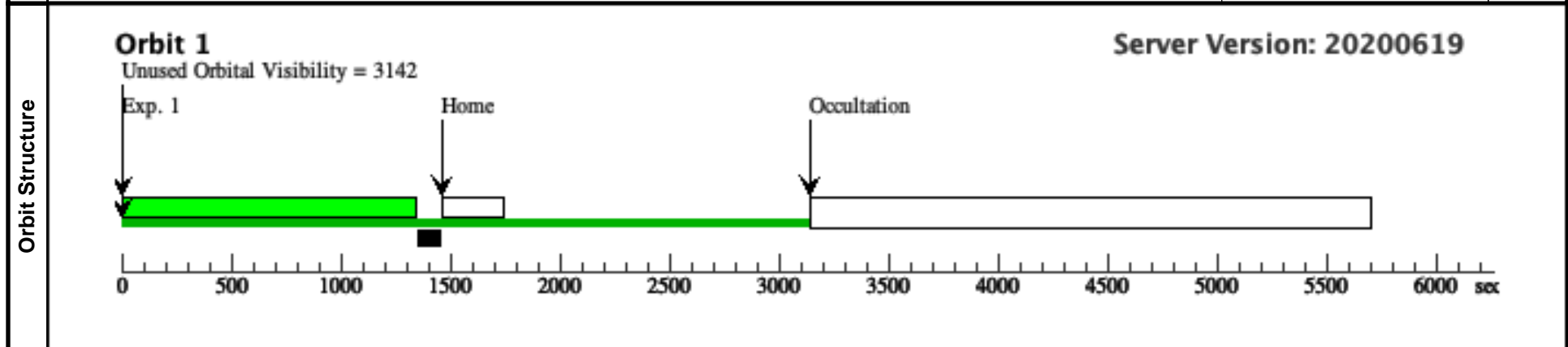


Proposal 16535 - Visit 03 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 03									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 15-NOV-2021:00:00:00 AND 21-NOV-2021:23:59:59									

Exposures	#	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]

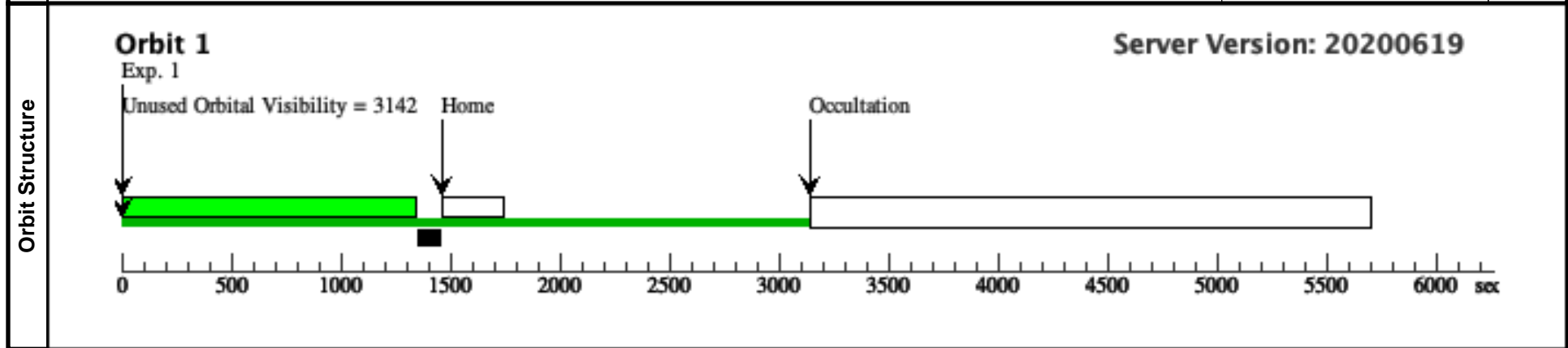


Proposal 16535 - Visit 04 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 04 Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: AFTER 03 BY 5.5 Orbits TO 8.5 Orbits									
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Exposures	#	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) [==>]

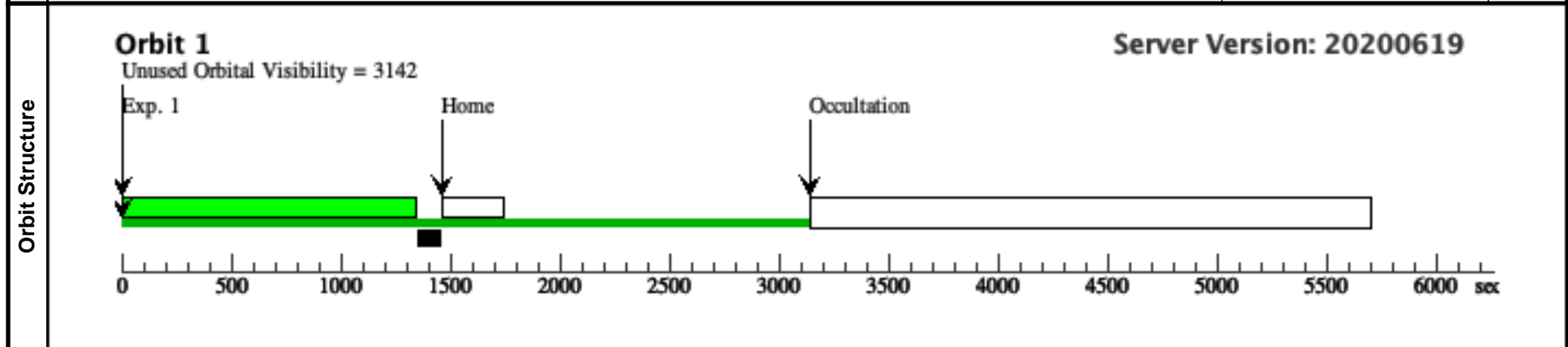


Proposal 16535 - Visit 05 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 05									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 29-NOV-2021:00:00:00 AND 05-DEC-2021:23:59:59									

Exposures	#	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]

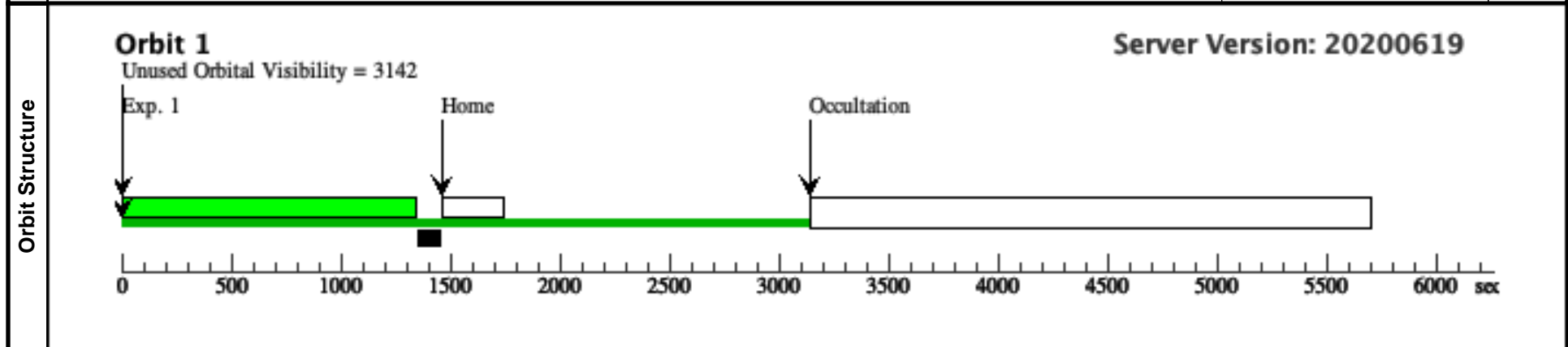


Proposal 16535 - Visit 06 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 06									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 05 BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

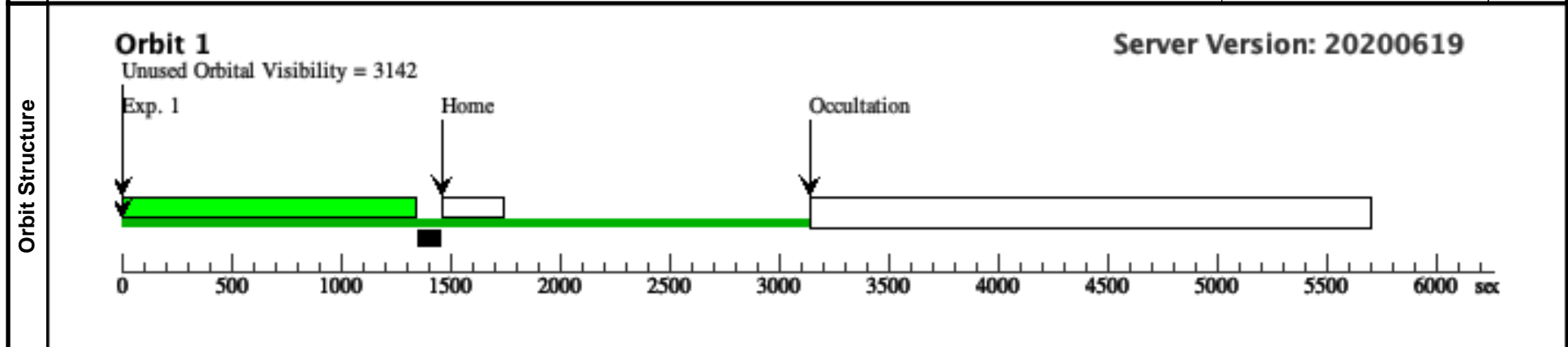


Proposal 16535 - Visit 07 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 07									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 13-DEC-2021:00:00:00 AND 19-DEC-2021:23:59:59									

Exposures	#	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) [==>]

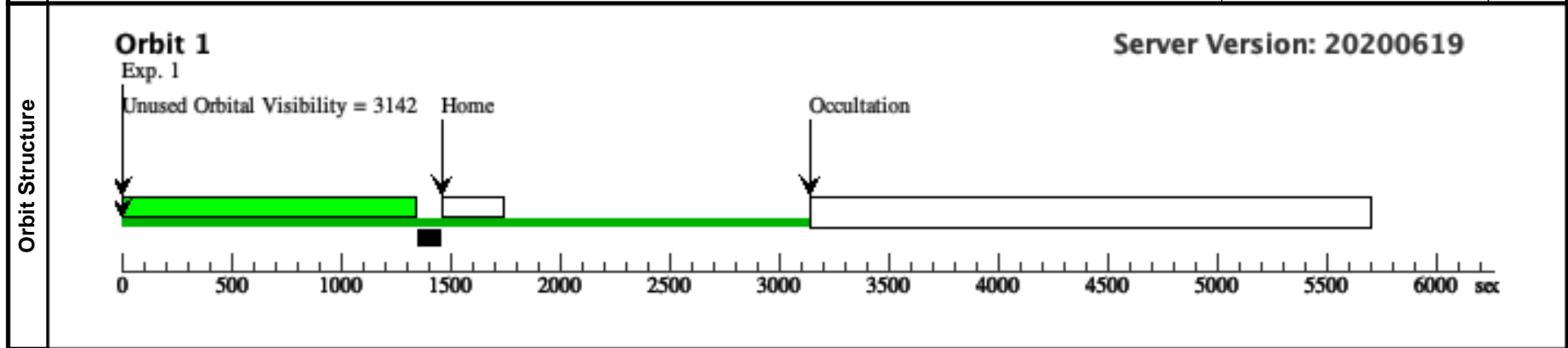


Proposal 16535 - Visit 08 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 08									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 07 BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

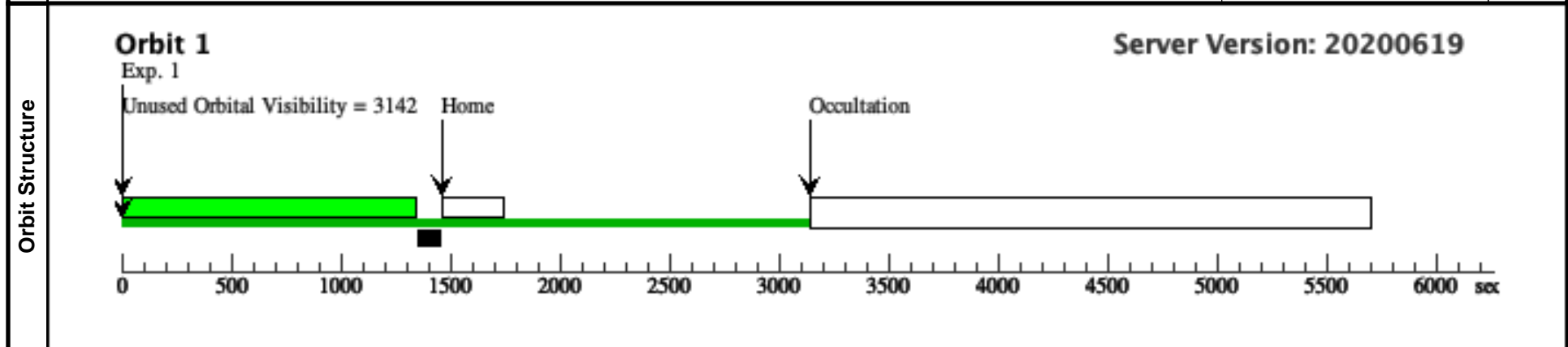


Proposal 16535 - Visit 09 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 09									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 27-DEC-2021:00:00:00 AND 02-JAN-2022:23:59:59									

Exposures	#	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) [==>]

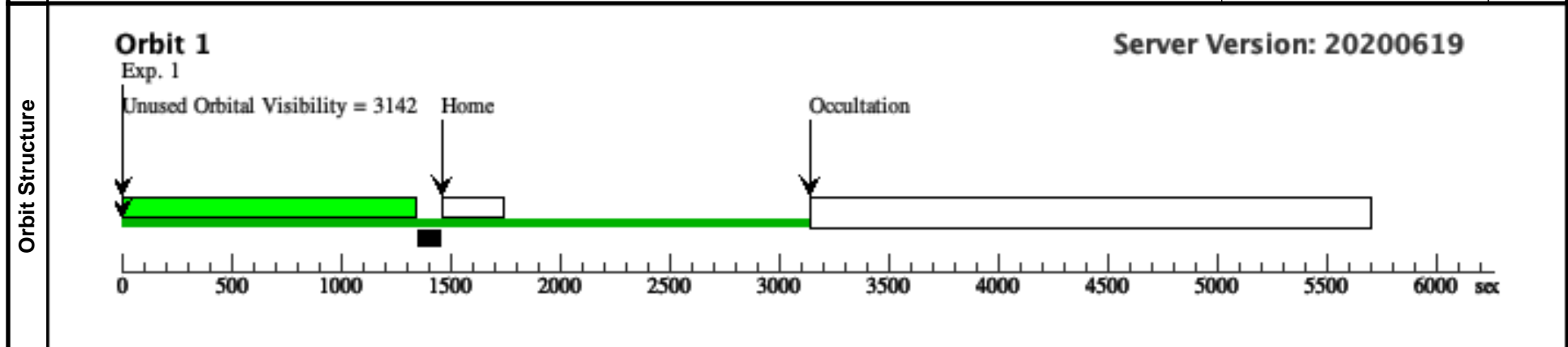


Proposal 16535 - Visit 0A - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 0A									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 09 BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

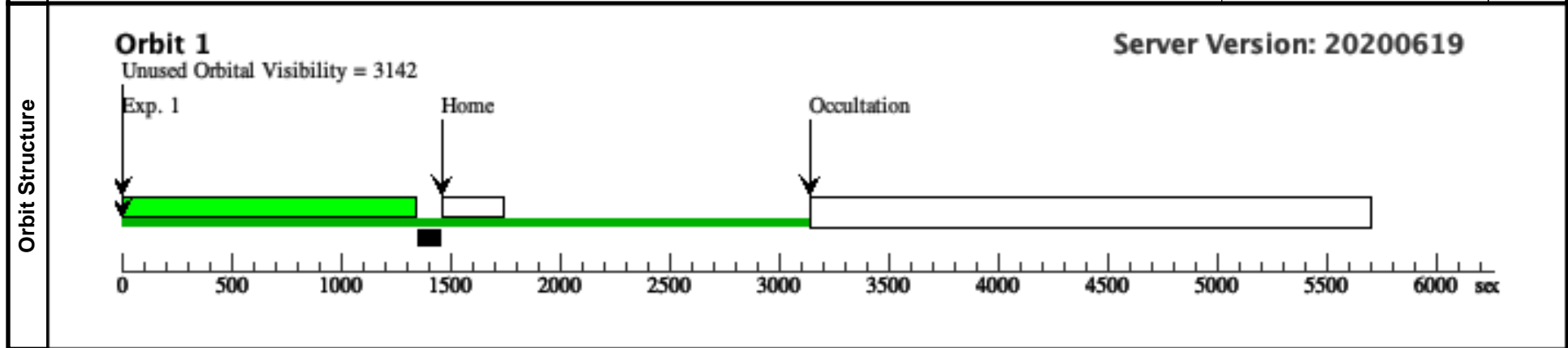


Proposal 16535 - Visit 0B - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 0B									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 10-JAN-2022:00:00:00 AND 16-JAN-2022:23:59:59									

Exposures	#	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) [==>]

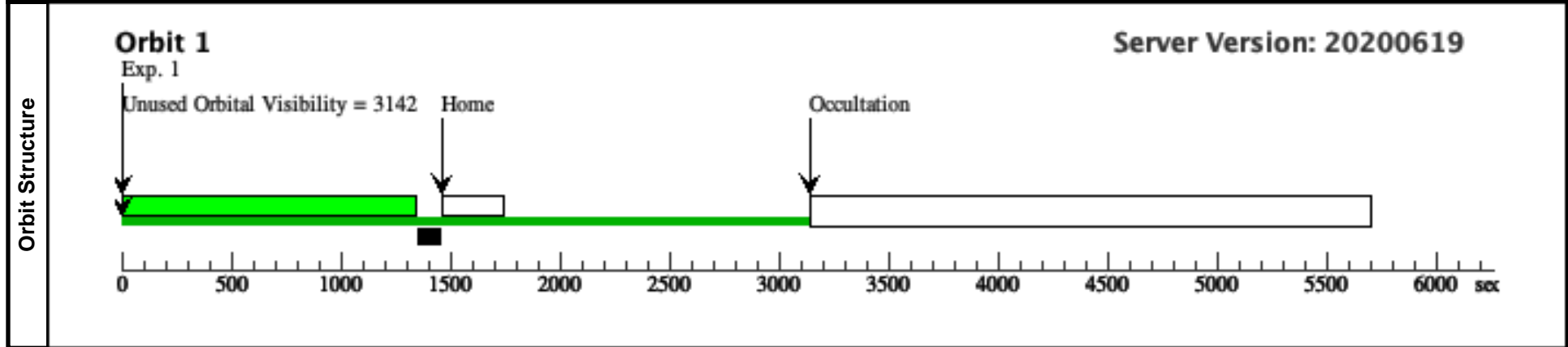


Proposal 16535 - Visit 0C - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 0C									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0B BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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) [==>]

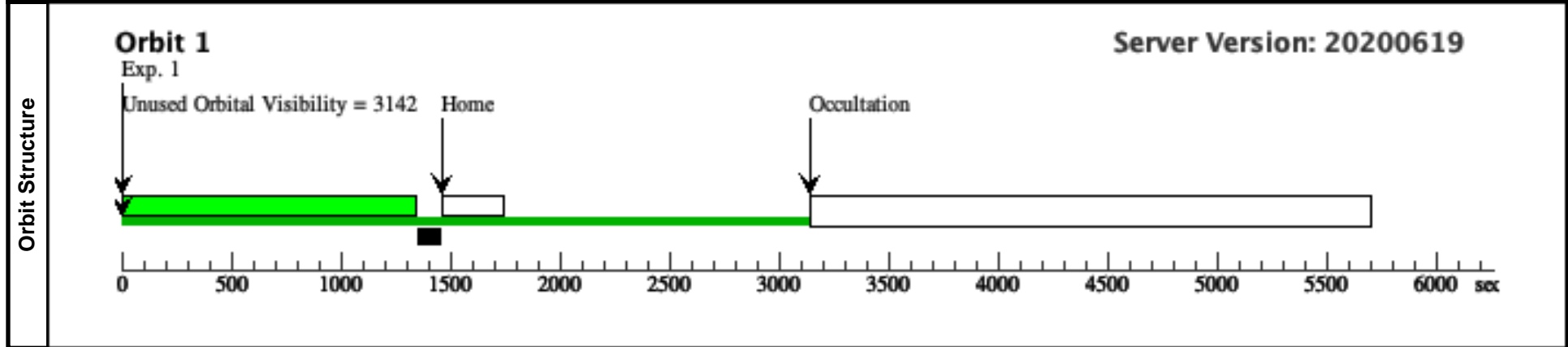


Proposal 16535 - Visit 0D - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 0D									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 24-JAN-2022:00:00:00 AND 30-JAN-2022:23:59:59									

Exposures	#	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) [==>]

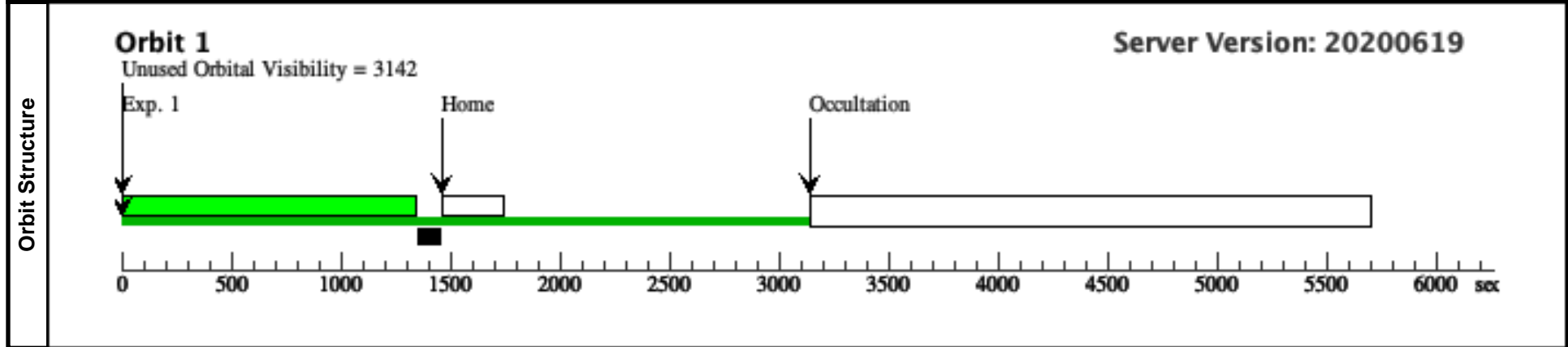


Proposal 16535 - Visit 0E - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 0E									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0D BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

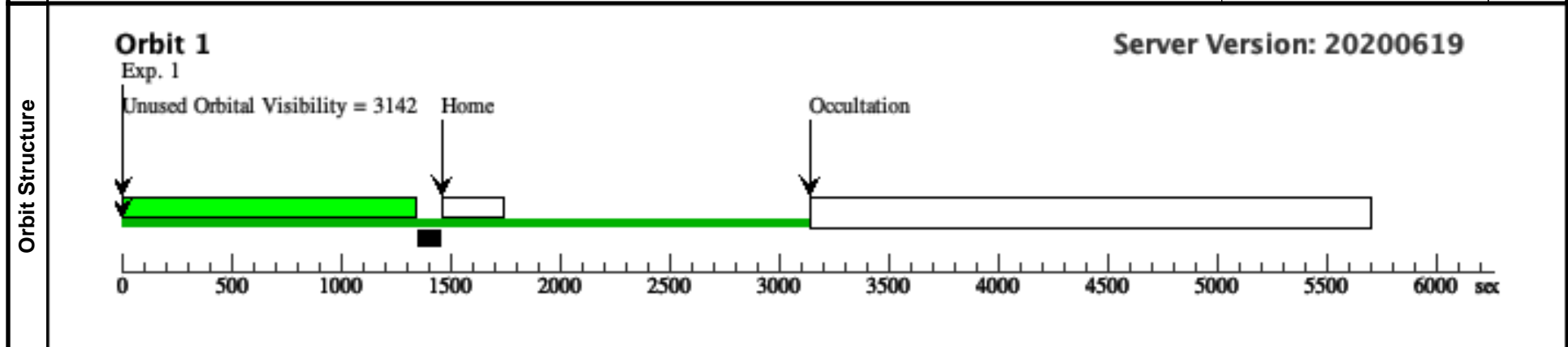


Proposal 16535 - Visit 0F - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 0F									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 07-FEB-2022:00:00:00 AND 13-FEB-2022:23:59:59									

Exposures	#	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]

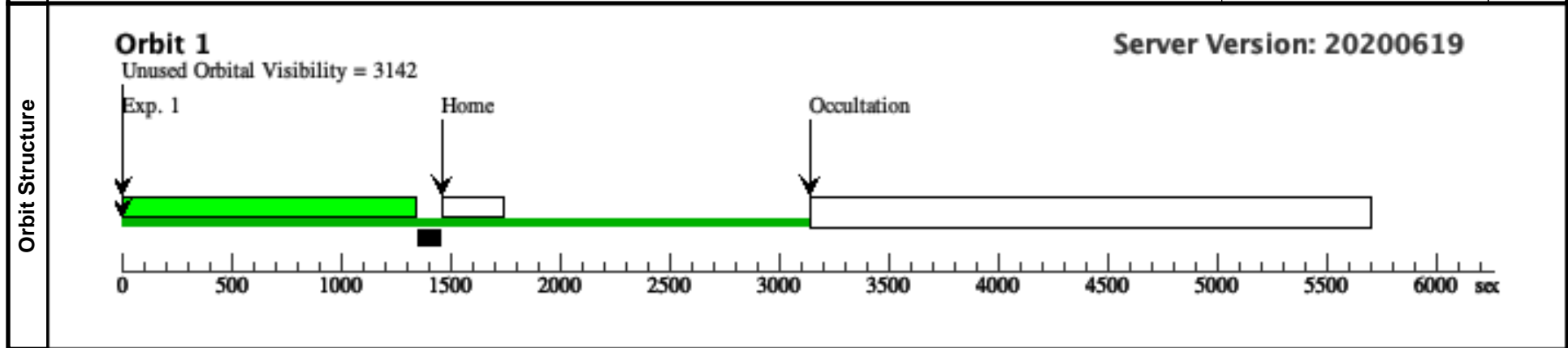


Proposal 16535 - Visit 0G - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 0G									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0F BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

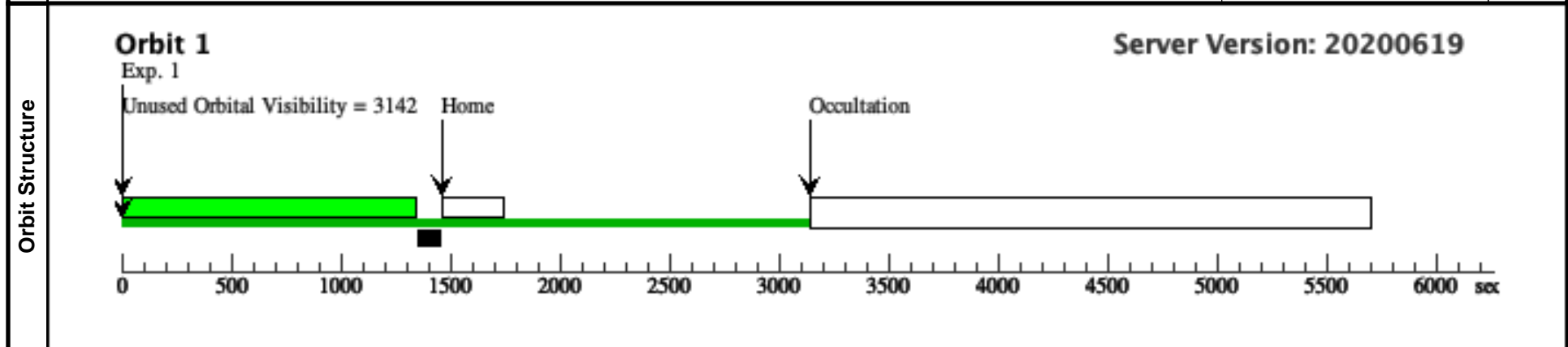


Proposal 16535 - Visit 0H - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 0H									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 21-FEB-2022:00:00:00 AND 27-FEB-2022:23:59:59									

Exposures	#	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) [==>]

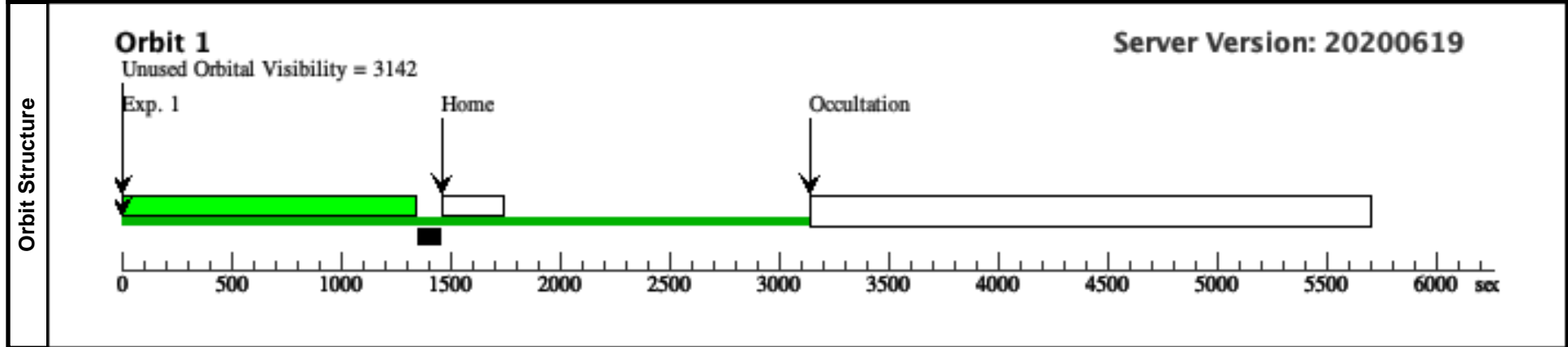


Proposal 16535 - Visit 01 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:30 GMT 2021

Visit	Proposal 16535, Visit 01									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0H BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

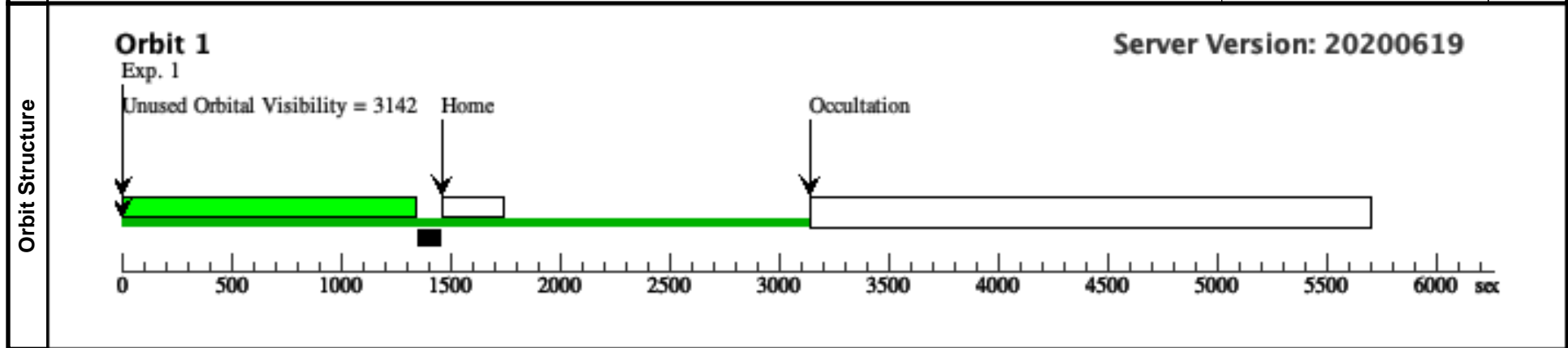


Proposal 16535 - Visit 0J - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0J									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 07-MAR-2022:00:00:00 AND 13-MAR-2022:23:59:59									

Exposures	#	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]

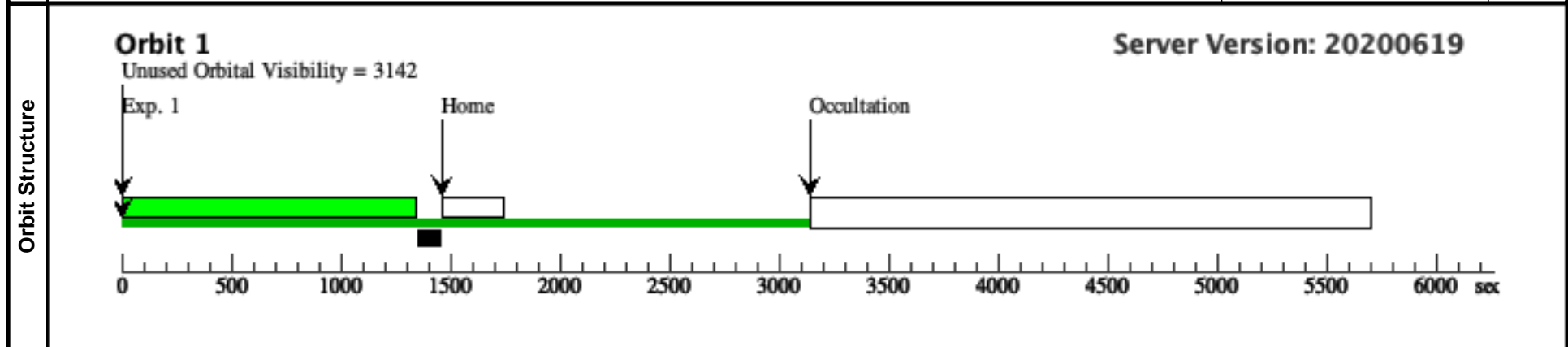


Proposal 16535 - Visit 0K - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0K									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0J BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

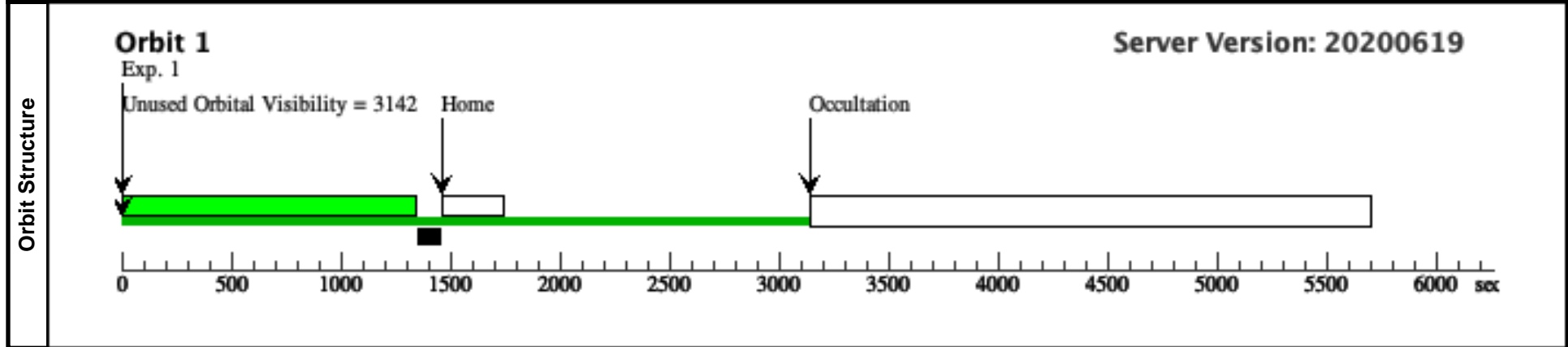


Proposal 16535 - Visit 0L - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0L									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 21-MAR-2022:00:00:00 AND 27-MAR-2022:23:59:59									

Exposures	#	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) [==>]

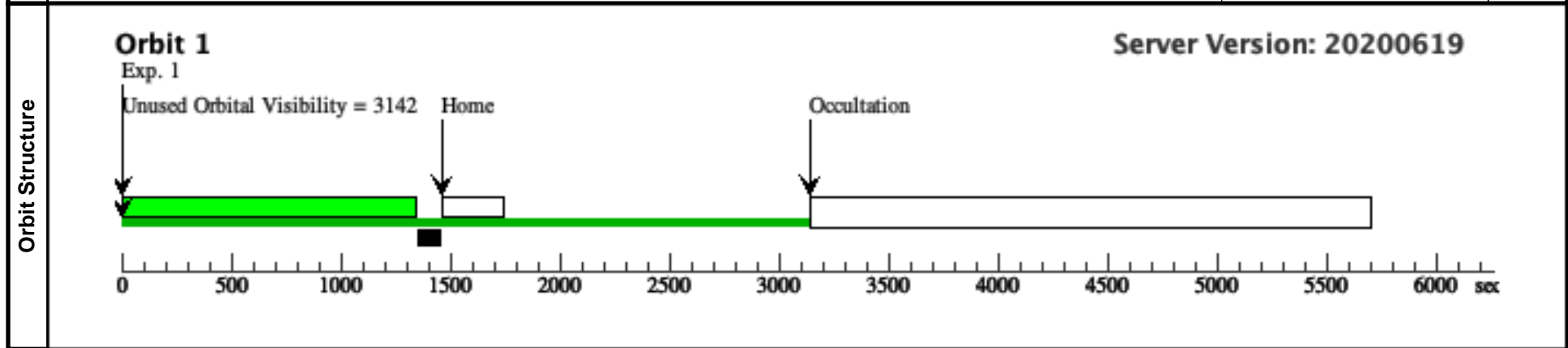


Proposal 16535 - Visit 0M - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0M									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0L BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

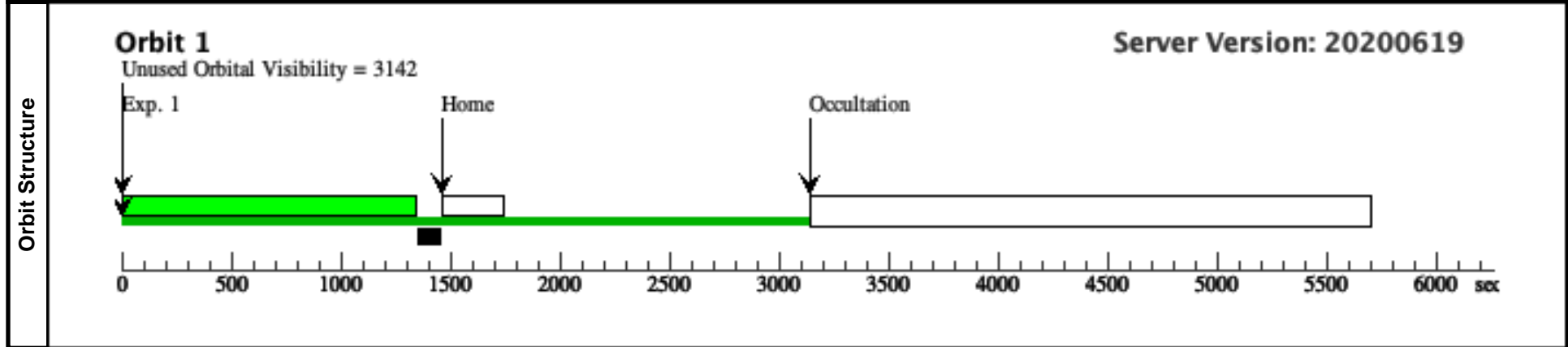


Proposal 16535 - Visit 0N - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0N									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 04-APR-2022:00:00:00 AND 10-APR-2022:23:59:59									

Exposures	#	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]

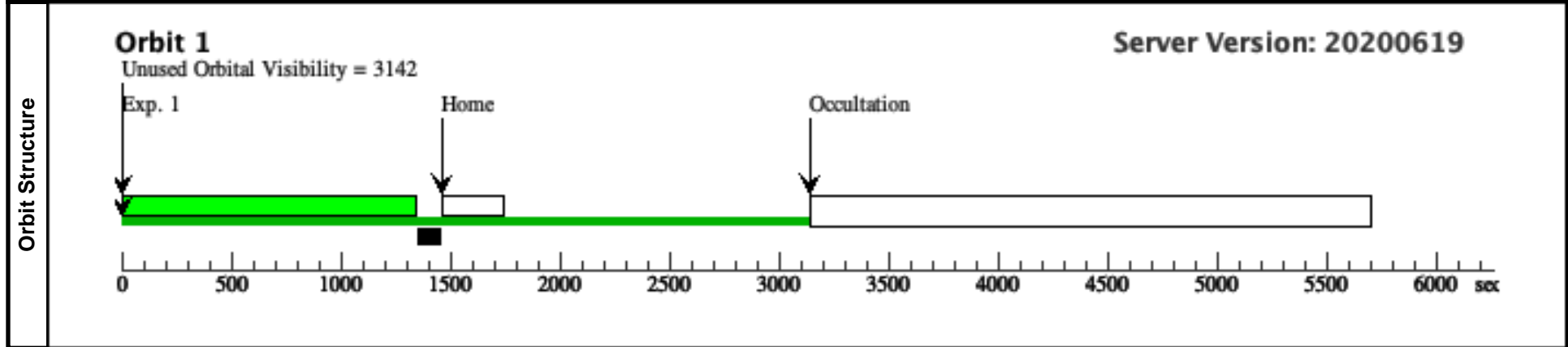


Proposal 16535 - Visit 00 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 00									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0N BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

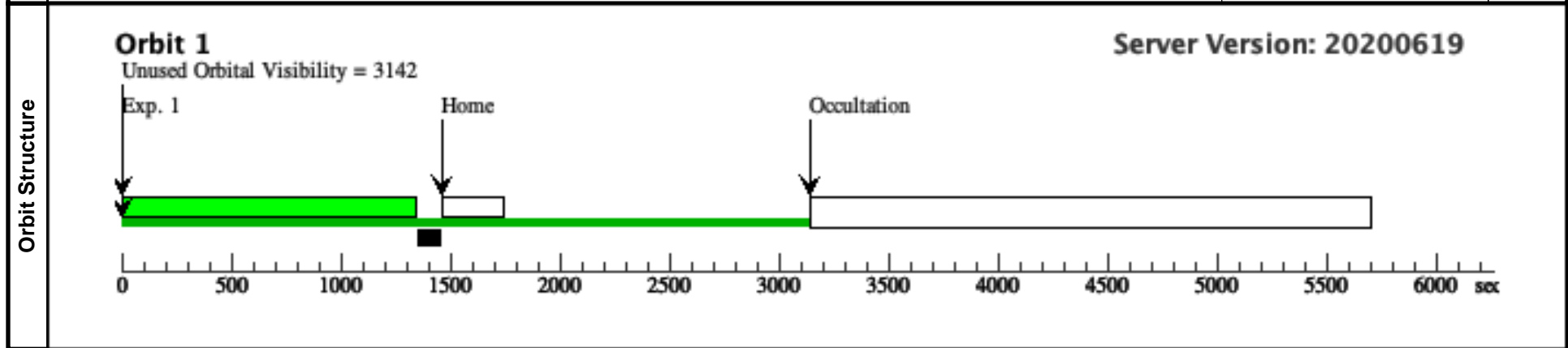


Proposal 16535 - Visit 0P - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0P									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 18-APR-2022:00:00:00 AND 24-APR-2022:23:59:59									

Exposures	#	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) [==>]

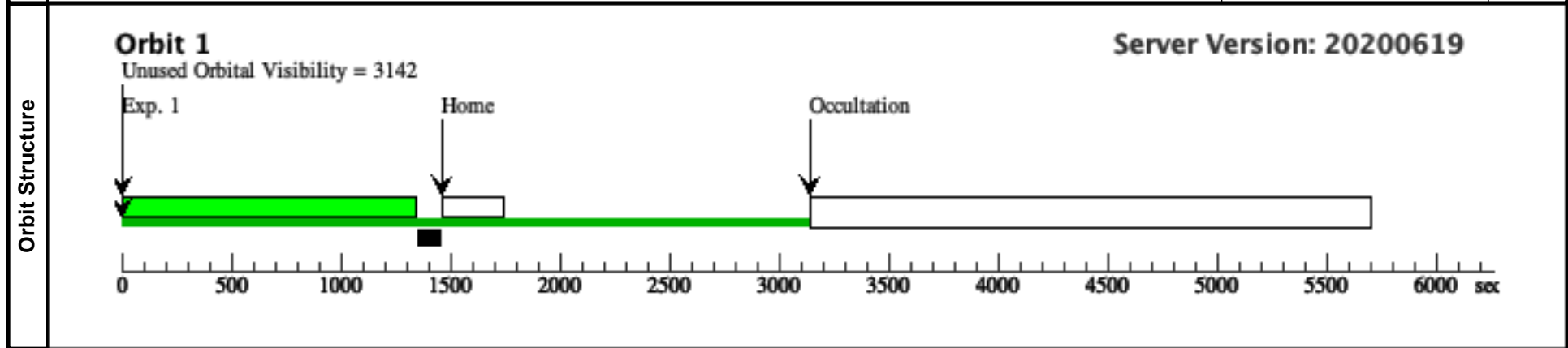


Proposal 16535 - Visit 0Q - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0Q									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER OP BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

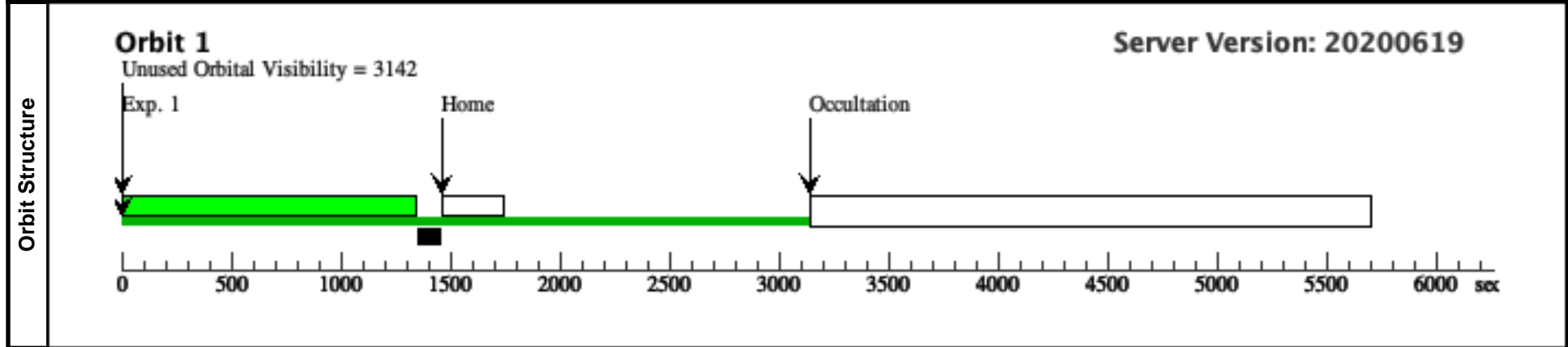


Proposal 16535 - Visit 0R - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0R									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 02-MAY-2022:00:00:00 AND 08-MAY-2022:23:59:59									

Exposures	#	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]

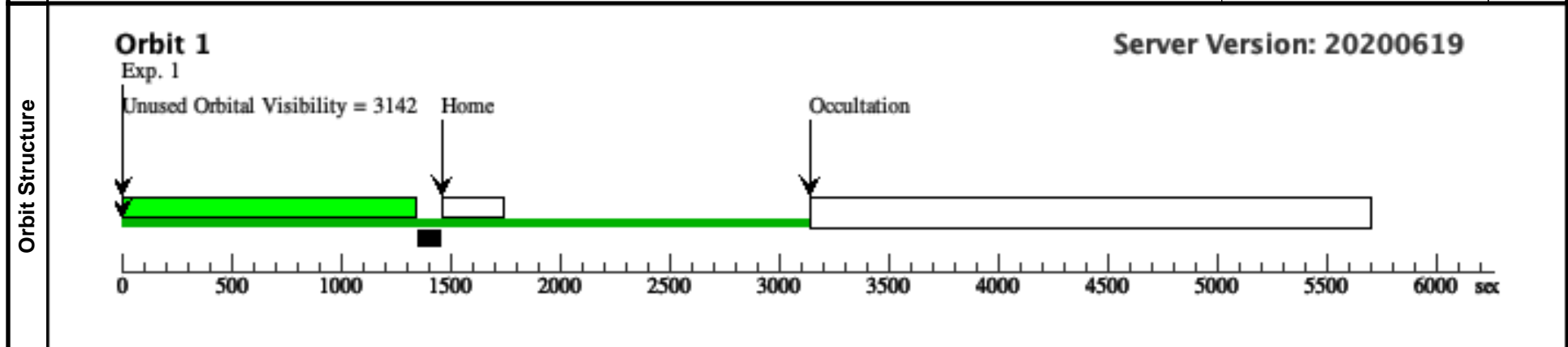


Proposal 16535 - Visit 0S - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0S									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0R BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

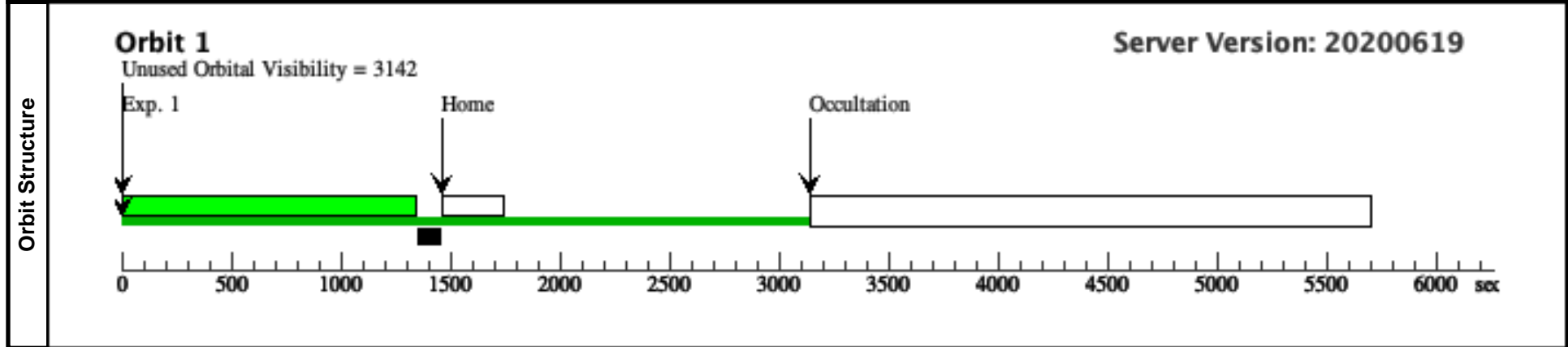


Proposal 16535 - Visit 0T - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0T									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 16-MAY-2022:00:00:00 AND 22-MAY-2022:23:59:59									

Exposures	#	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) [==>]

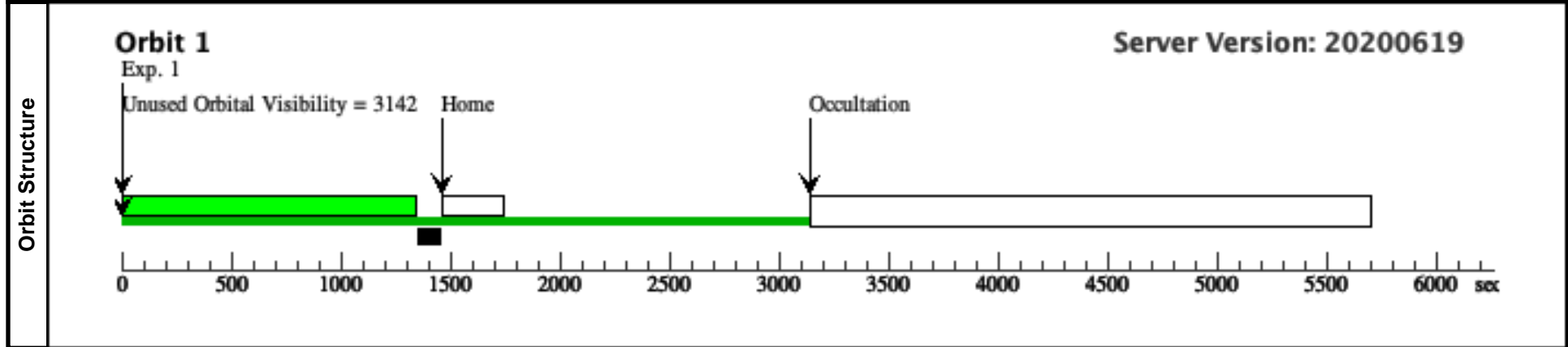


Proposal 16535 - Visit 0U - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0U									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0T BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

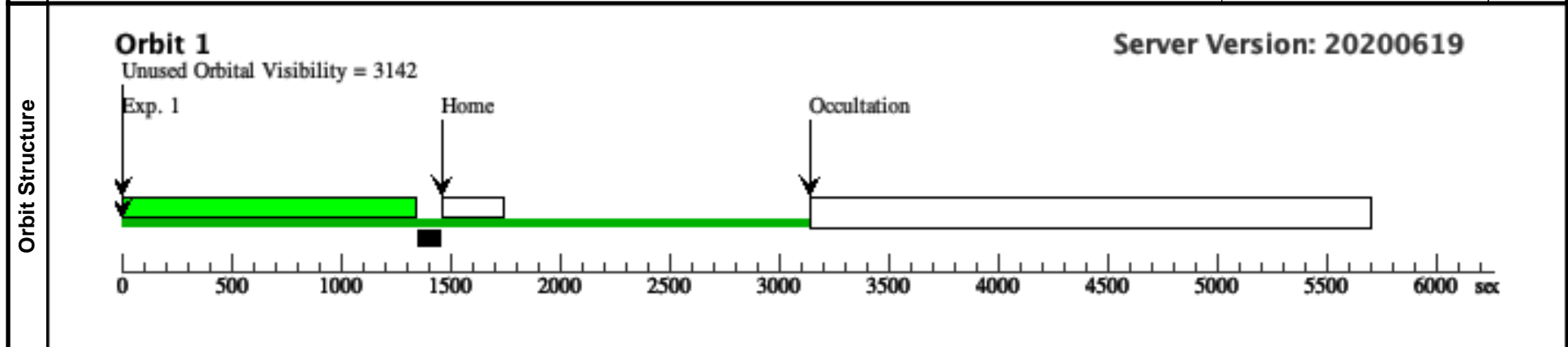


Proposal 16535 - Visit 0V - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0V									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 30-MAY-2022:00:00:00 AND 05-JUN-2022:23:59:59									

Exposures	#	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]

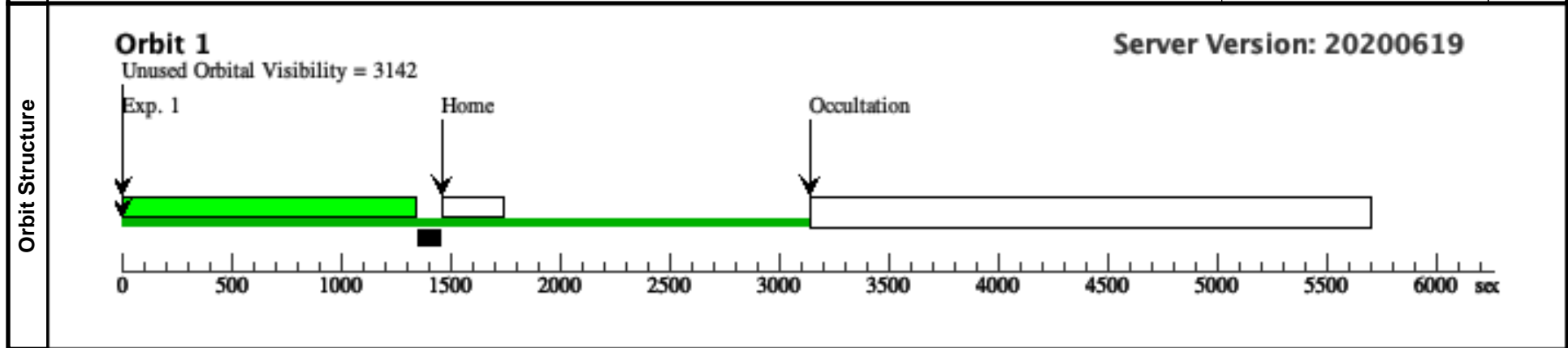


Proposal 16535 - Visit 0W - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0W									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0V BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

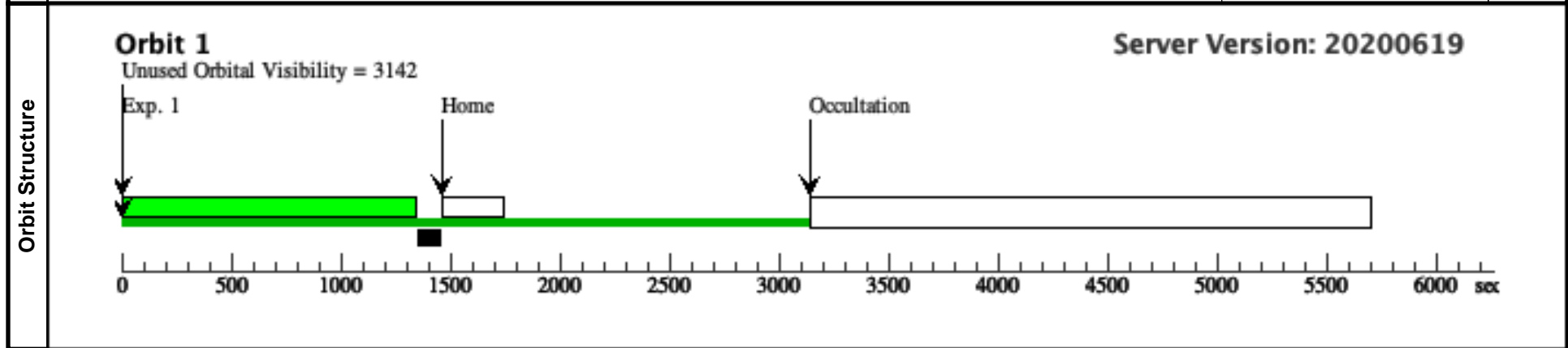


Proposal 16535 - Visit 0X - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0X									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 13-JUN-2022:00:00:00 AND 19-JUN-2022:23:59:59									

Exposures	#	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]

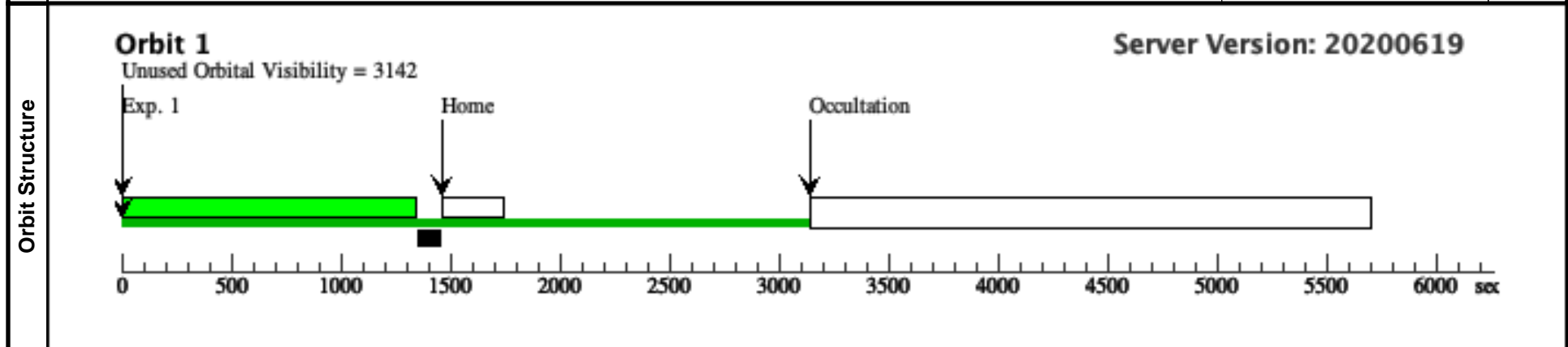


Proposal 16535 - Visit 0Y - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0Y									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0X BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

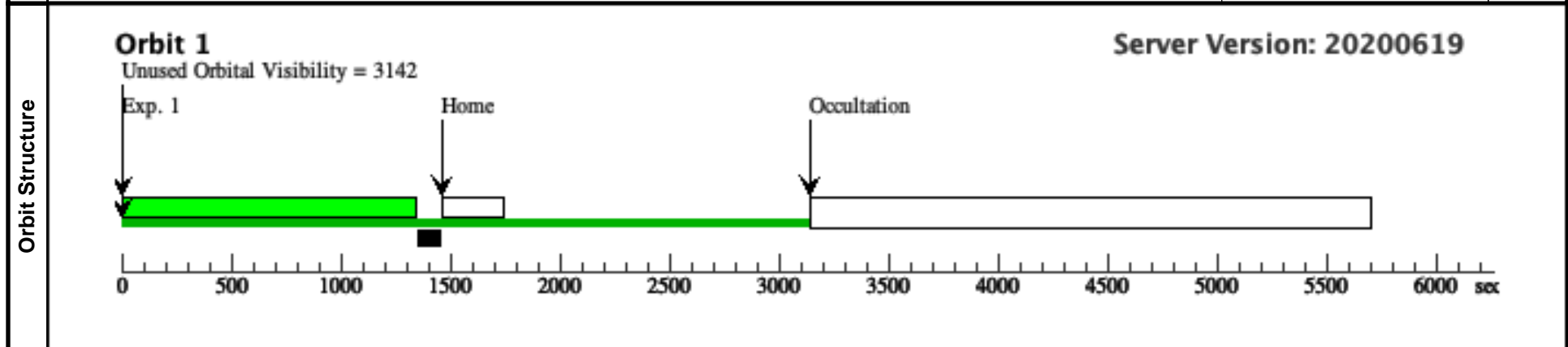


Proposal 16535 - Visit 0Z - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 0Z									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 27-JUN-2022:00:00:00 AND 03-JUL-2022:23:59:59									

Exposures	#	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) [==>]

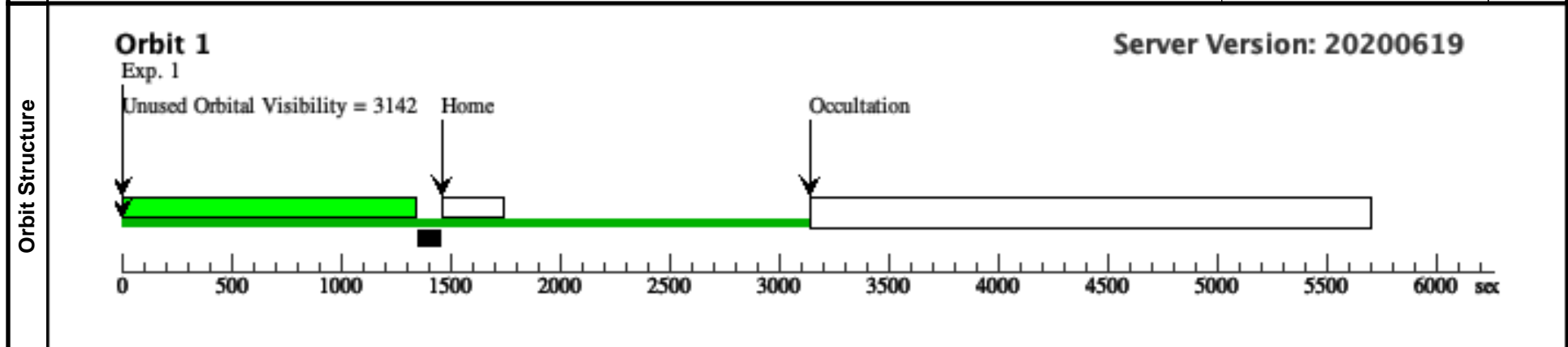


Proposal 16535 - Visit 10 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 10									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 0Z BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

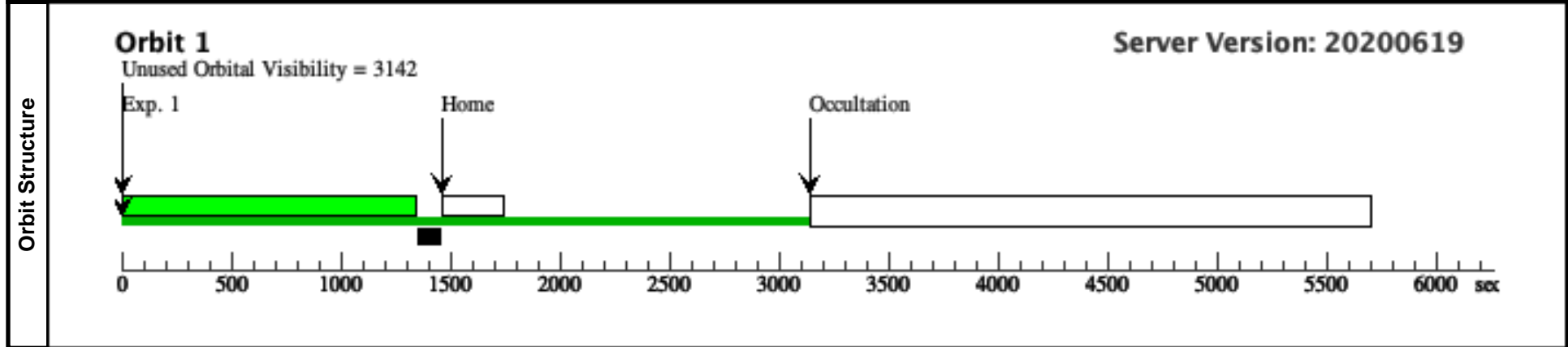


Proposal 16535 - Visit 11 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 11 Diagnostic Status: No Diagnostics Scientific Instruments: COS/NUV Special Requirements: BETWEEN 11-JUL-2022:00:00:00 AND 17-JUL-2022:23:59:59									

Exposures	#	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) [==>]

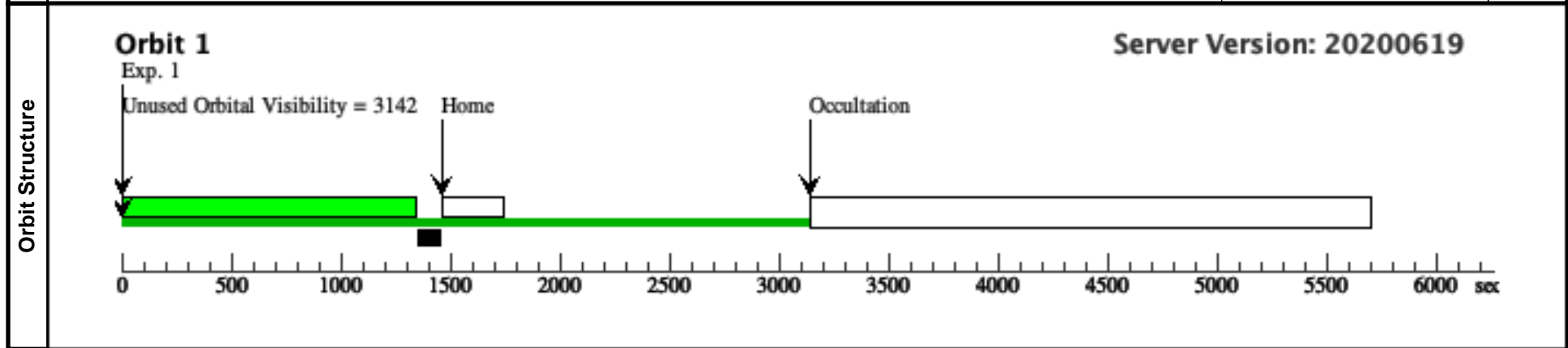


Proposal 16535 - Visit 12 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 12									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 11 BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

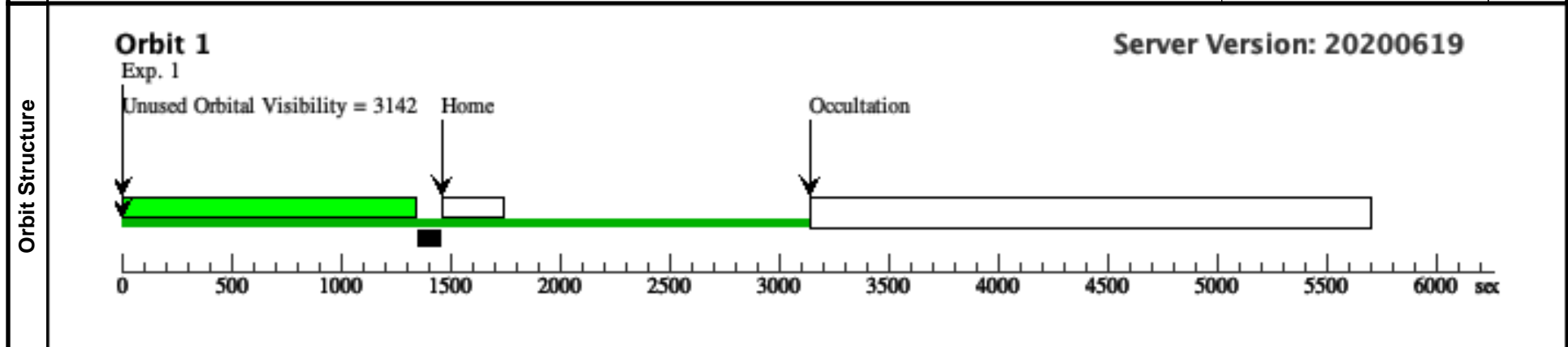


Proposal 16535 - Visit 13 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 13									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 25-JUL-2022:00:00:00 AND 31-JUL-2022:23:59:59									

Exposures	#	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]

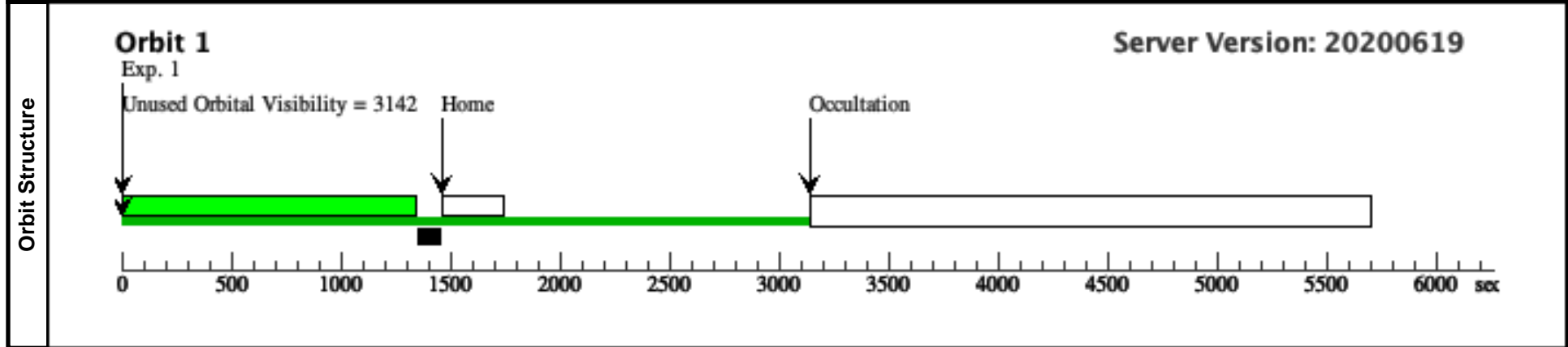


Proposal 16535 - Visit 14 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 14									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 13 BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

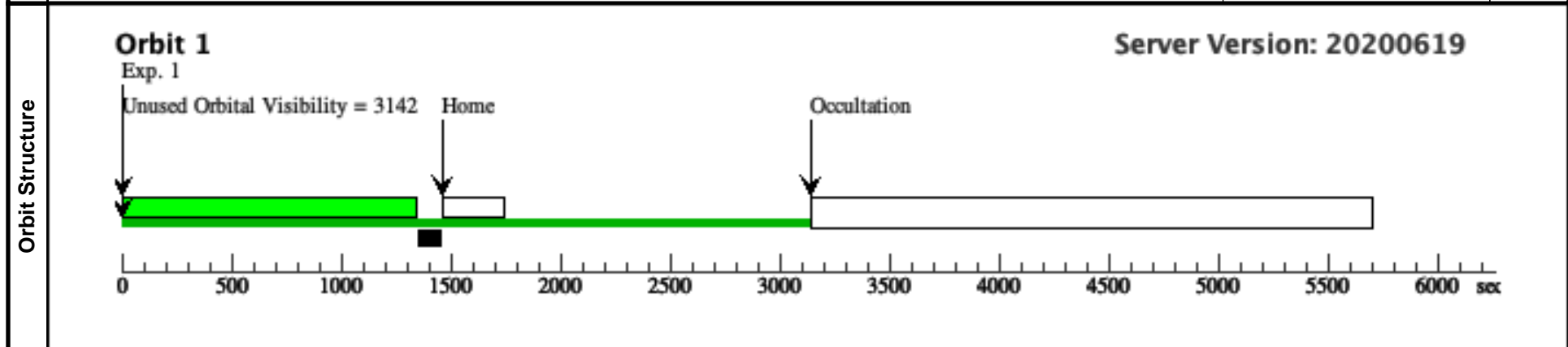


Proposal 16535 - Visit 15 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 15									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 08-AUG-2022:00:00:00 AND 14-AUG-2022:23:59:59									

Exposures	#	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]

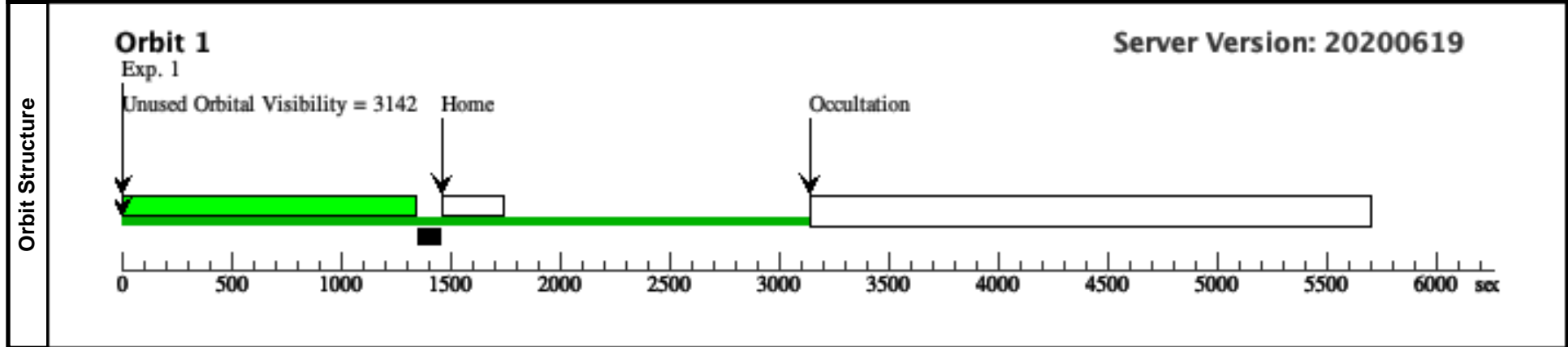


Proposal 16535 - Visit 16 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 16									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 15 BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

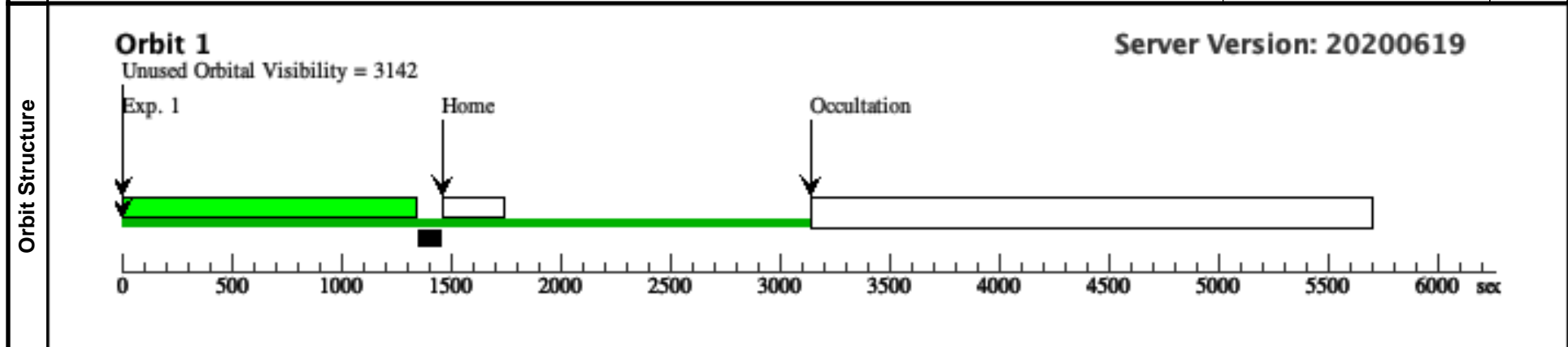


Proposal 16535 - Visit 17 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 17									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 22-AUG-2022:00:00:00 AND 28-AUG-2022:23:59:59									

Exposures	#	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]

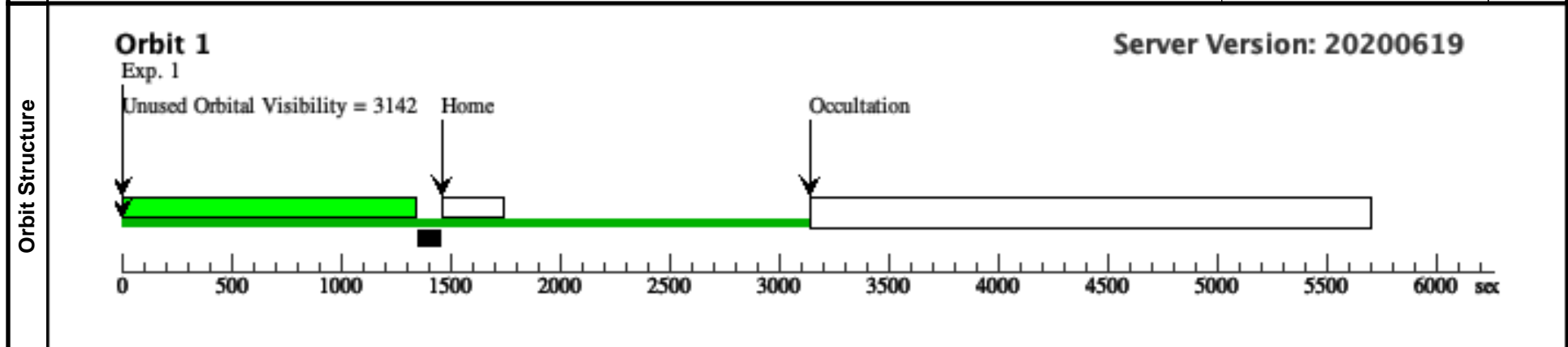


Proposal 16535 - Visit 18 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 18									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 17 BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

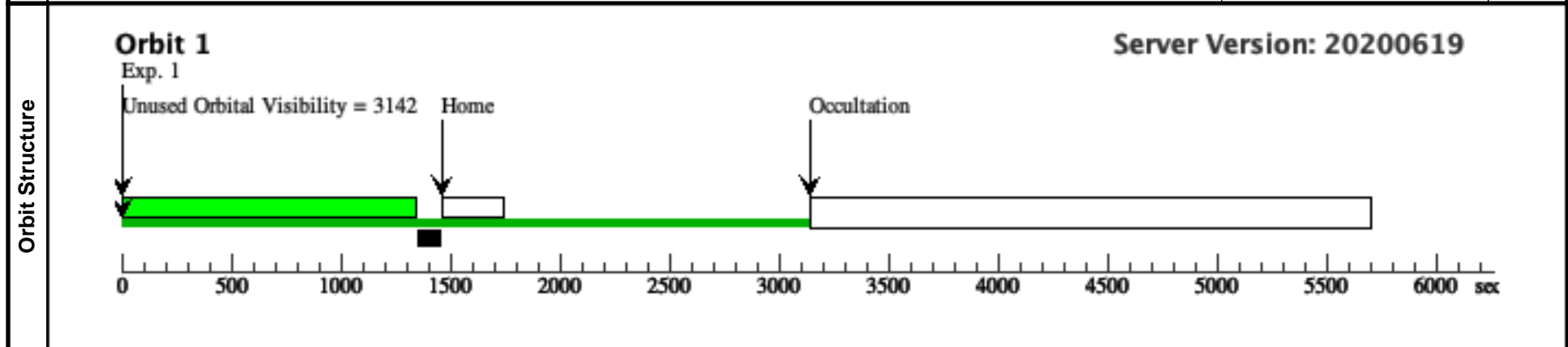


Proposal 16535 - Visit 19 - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 19									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 05-SEP-2022:00:00:00 AND 11-SEP-2022:23:59:59									

Exposures	#	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]

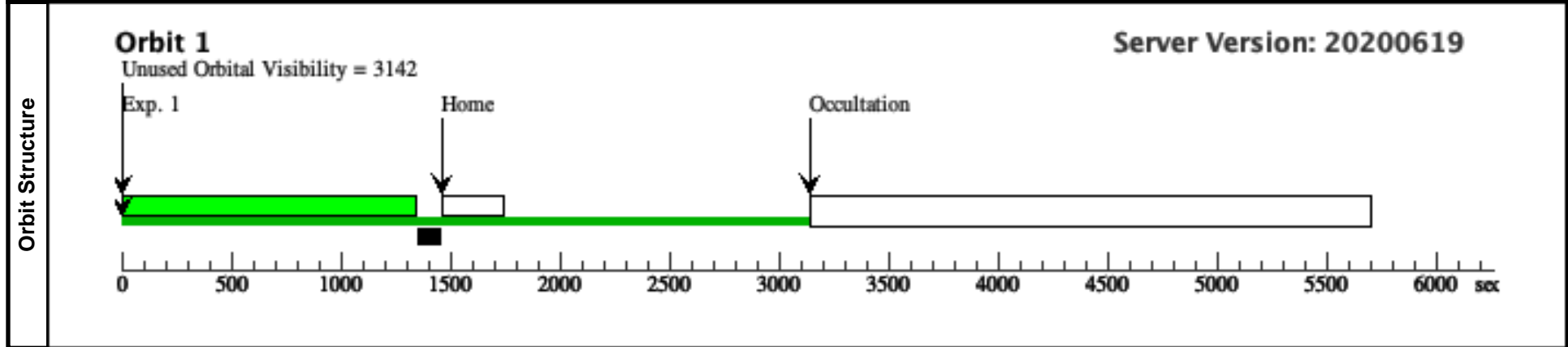


Proposal 16535 - Visit 1A - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 1A									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 19 BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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) [==>]

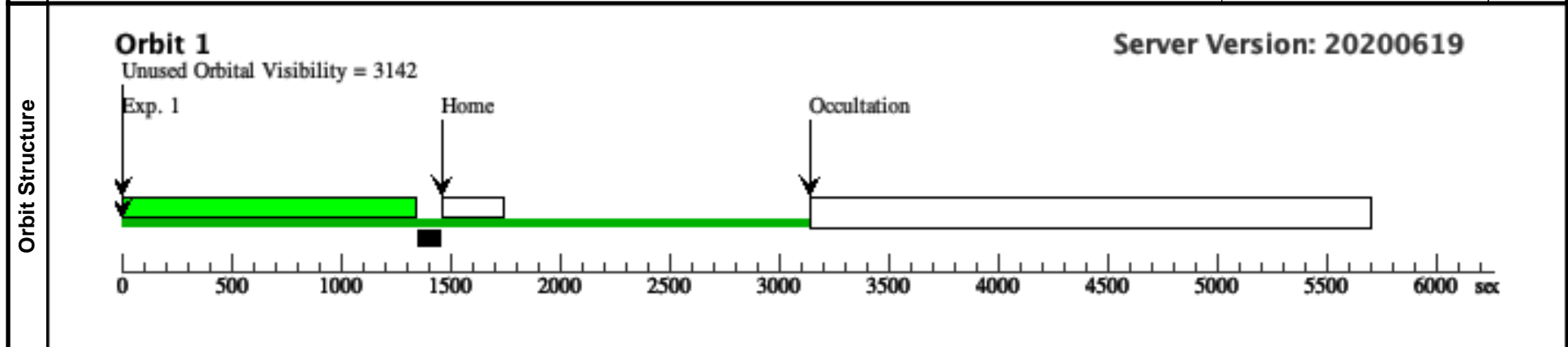


Proposal 16535 - Visit 1B - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 1B									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 19-SEP-2022:00:00:00 AND 25-SEP-2022:23:59:59									

Exposures	#	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) [==>]

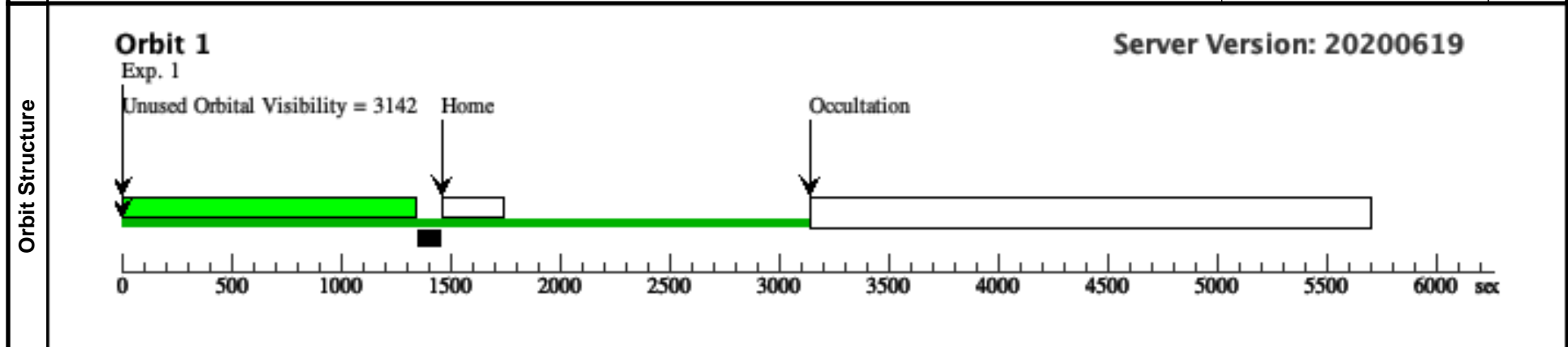


Proposal 16535 - Visit 1C - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 1C									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 1B BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

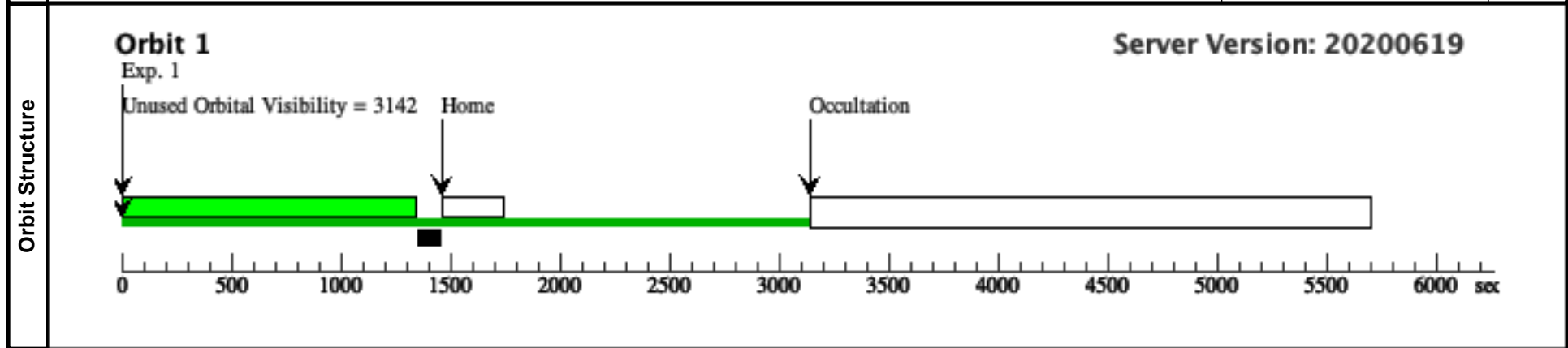


Proposal 16535 - Visit 1D - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 1D									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 03-OCT-2022:00:00:00 AND 09-OCT-2022:23:59:59									

Exposures	#	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) [==>]

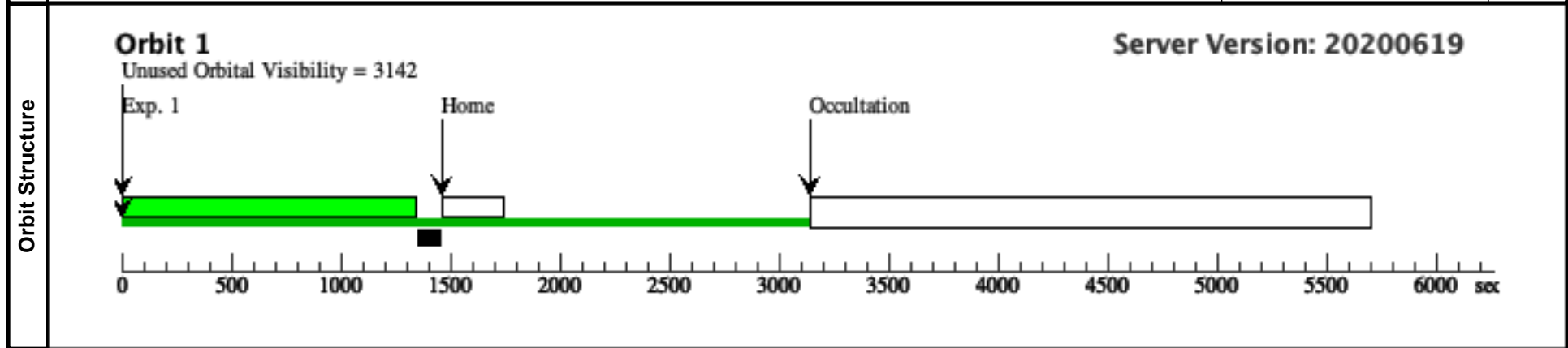


Proposal 16535 - Visit 1E - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 1E									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 1D BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

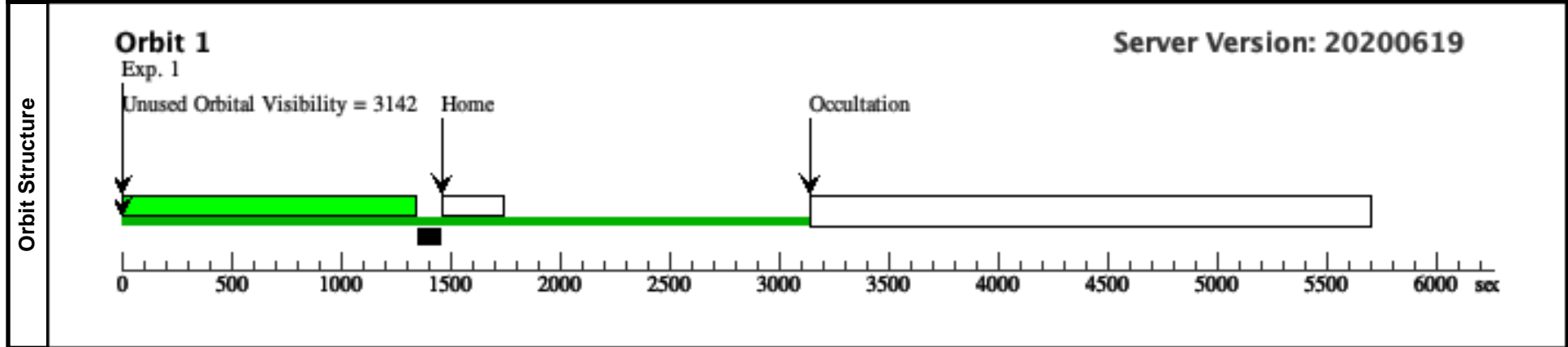


Proposal 16535 - Visit 1F - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 1F									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: BETWEEN 17-OCT-2022:00:00:00 AND 23-OCT-2022:23:59:59									

Exposures	#	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 16535 - Visit 1G - Cycle 29 COS/NUV Detector Dark Monitor

Fri Jun 18 11:00:31 GMT 2021

Visit	Proposal 16535, Visit 1G									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV									
	Special Requirements: AFTER 1F BY 5.5 Orbits TO 8.5 Orbits									

Exposures	#	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]

