



# 15638 - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Cycle: 26, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

## INVESTIGATORS

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Proposal 15638 (STScI Edit Number: 37, Created: Monday, February 10, 2020 at 9:01:14 AM Eastern Standard Time) - Overview

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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	(1) PJ18-NORTH-V1	STIS/FUV-MAMA	1	10-Feb-2020 09:00:31.0	yes
02	(2) PJ18-SOUTH-V2	STIS/FUV-MAMA	1	10-Feb-2020 09:00:32.0	yes
03	(3) PJ18-NORTH-V3	STIS/FUV-MAMA	1	10-Feb-2020 09:00:33.0	yes
04	(4) PJ18-SOUTH-V4	STIS/FUV-MAMA	1	10-Feb-2020 09:00:34.0	yes
05	(5) PJ18-NORTH-V5	STIS/FUV-MAMA	1	10-Feb-2020 09:00:35.0	yes
06	(6) PJ18-SOUTH-V6	STIS/FUV-MAMA	1	10-Feb-2020 09:00:35.0	yes
07	(7) PJ18-NORTH-V7	STIS/FUV-MAMA	1	10-Feb-2020 09:00:36.0	yes
08	(8) PJ18-NORTH-V8	STIS/FUV-MAMA	1	10-Feb-2020 09:00:37.0	yes
09	(9) PJ18-NORTH-V9	STIS/FUV-MAMA	1	10-Feb-2020 09:00:38.0	yes
10	(10) PJ18-NORTH-V10	STIS/FUV-MAMA	1	10-Feb-2020 09:00:39.0	yes
11	(11) PJ19-NORTH-V11	STIS/FUV-MAMA	1	10-Feb-2020 09:00:40.0	yes
12	(12) PJ19-NORTH-V12	STIS/FUV-MAMA	1	10-Feb-2020 09:00:40.0	yes
13	(13) PJ19-NORTH-V13	STIS/FUV-MAMA	1	10-Feb-2020 09:00:41.0	yes
14	(14) PJ19-NORTH-V14	STIS/FUV-MAMA	1	10-Feb-2020 09:00:42.0	yes
15	(15) PJ19-NORTH-V15	STIS/FUV-MAMA	1	10-Feb-2020 09:00:43.0	yes
16	(16) PJ19-NORTH-V16	STIS/FUV-MAMA	1	10-Feb-2020 09:00:43.0	yes
17	(17) PJ19-NORTH-V17	STIS/FUV-MAMA	1	10-Feb-2020 09:00:44.0	yes
18	(18) PJ19-NORTH-V18	STIS/FUV-MAMA	1	10-Feb-2020 09:00:45.0	yes
19	(19) PJ19-NORTH-V19	STIS/FUV-MAMA	1	10-Feb-2020 09:00:46.0	yes
20	(20) PJ19-NORTH-V20	STIS/FUV-MAMA	1	10-Feb-2020 09:00:47.0	yes

Proposal 15638 (STScI Edit Number: 37, Created: Monday, February 10, 2020 at 9:01:14 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>
21	(21) PJ20-NORTH-V21	STIS/FUV-MAMA	1	10-Feb-2020 09:00:48.0	yes
22	(22) PJ20-SOUTH-AURORA-V22	STIS/FUV-MAMA	1	10-Feb-2020 09:00:49.0	yes
23	(23) PJ20-NORTH-AURORA-V23	STIS/FUV-MAMA	1	10-Feb-2020 09:00:50.0	yes
24	(22) PJ20-SOUTH-AURORA-V22	STIS/FUV-MAMA	1	10-Feb-2020 09:00:50.0	yes
25	(25) PJ20-NORTH-AURORA-V25	STIS/FUV-MAMA	1	10-Feb-2020 09:00:51.0	yes
26	(26) PJ20-SOUTH-AURORA-V26	STIS/FUV-MAMA	1	10-Feb-2020 09:00:52.0	yes
27	(27) PJ20-NORTH-AURORA-V27	STIS/FUV-MAMA	1	10-Feb-2020 09:00:53.0	yes
28	(22) PJ20-SOUTH-AURORA-V22	STIS/FUV-MAMA	1	10-Feb-2020 09:00:53.0	yes
29	(29) PJ21-NORTH-AURORA-V29	STIS/FUV-MAMA	1	10-Feb-2020 09:00:54.0	yes
30	(30) PJ21-NORTH-AURORA-V30	STIS/FUV-MAMA	1	10-Feb-2020 09:00:55.0	yes
31	(31) PJ21-NORTH-AURORA-V31	STIS/FUV-MAMA	1	10-Feb-2020 09:00:56.0	yes
32	(32) PJ21-NORTH-AURORA-V32	STIS/FUV-MAMA	1	10-Feb-2020 09:00:56.0	yes
33	(33) PJ21-NORTH-AURORA-V33	STIS/FUV-MAMA	1	10-Feb-2020 09:00:57.0	yes
34	(31) PJ21-NORTH-AURORA-V31	STIS/FUV-MAMA	1	10-Feb-2020 09:00:58.0	yes
35	(35) PJ21-NORTH-AURORA-V35	STIS/FUV-MAMA	1	10-Feb-2020 09:00:59.0	yes
36	(36) PJ21-NORTH-AURORA-V36	STIS/FUV-MAMA	1	10-Feb-2020 09:00:59.0	yes
37	(35) PJ21-NORTH-AURORA-V35	STIS/FUV-MAMA	1	10-Feb-2020 09:01:00.0	yes
38	(38) PJ21-NORTH-AURORA-V38	STIS/FUV-MAMA	1	10-Feb-2020 09:01:01.0	yes
39	(39) PJ21-NORTH-AURORA-V39	STIS/FUV-MAMA	1	10-Feb-2020 09:01:02.0	yes
40	(40) PJ22-NORTH-AURORA-V40	STIS/FUV-MAMA	1	10-Feb-2020 09:01:02.0	yes
41	(41) PJ22-NORTH-AURORA-V41	STIS/FUV-MAMA	1	10-Feb-2020 09:01:04.0	yes
42	(42) PJ22-NORTH-AURORA-V42	STIS/FUV-MAMA	1	10-Feb-2020 09:01:04.0	yes
43	(41) PJ22-NORTH-AURORA-V41	STIS/FUV-MAMA	1	10-Feb-2020 09:01:05.0	yes
44	(44) PJ22-NORTH-AURORA-V44	STIS/FUV-MAMA	1	10-Feb-2020 09:01:06.0	yes
45	(42) PJ22-NORTH-AURORA-V42	STIS/FUV-MAMA	1	10-Feb-2020 09:01:07.0	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>
46	(46) PJ22-SOUTH-AURORA-V46	STIS/FUV-MAMA	1	10-Feb-2020 09:01:07.0	yes
47	(44) PJ22-NORTH-AURORA-V44	STIS/FUV-MAMA	1	10-Feb-2020 09:01:08.0	yes
48	(48) PJ22-NORTH-AURORA-V48	STIS/FUV-MAMA	1	10-Feb-2020 09:01:09.0	yes
49	(49) PJ22-NORTH-AURORA-V49	STIS/FUV-MAMA	1	10-Feb-2020 09:01:09.0	yes
50	(50) PJ22-NORTH-AURORA-V50	STIS/FUV-MAMA	1	10-Feb-2020 09:01:10.0	yes
51	(113) PJ18-IO-WAKE	STIS/CCD STIS/FUV-MAMA	2	10-Feb-2020 09:01:11.0	yes
52	(114) PJ18-IO-ECLIPSE	COS/FUV COS/NUV	2	10-Feb-2020 09:01:12.0	yes
53	(114) PJ18-IO-ECLIPSE	COS/FUV COS/NUV	2	10-Feb-2020 09:01:13.0	yes
D1	DARK	STIS/FUV-MAMA	1	10-Feb-2020 09:01:13.0	yes

57 Total Orbits Used

## **ABSTRACT**

We are very fortunate that HST cycle 26 falls in the middle of an era of discoveries made possible by the extension of the NASA Juno mission, in polar orbit around Jupiter. The Juno spacecraft is currently exploring Jupiter's intricate magnetosphere and revealing unexpected connections between the charged particles filling it, mainly originating from the vigorous volcanic activity of its moons, especially Io, and Jupiter's powerful auroral emissions. In the upcoming phase of the Juno mission, the spin axis approaches a direction perpendicular to the orbital plane critically limiting the coverage of the remote-sensing instruments. Hence, the role of HST to provide the necessary global context for the in-situ instruments is even more crucial than in the previous stages of the mission. The present HST program incorporates lessons learned from previous ones and strategically focuses on the times during which HST remains the only observatory capable of making the needed high spatial and temporal resolution FUV observations, while Juno is traveling through the auroral source region. This medium campaign will yield high-impact results and significantly augment the science return of the NASA Juno mission.

The Juno era is a unique opportunity to sample Jupiter's magnetosphere in situ along with remote observations of its auroral emissions. This opportunity will not be replicated in decades.

## **OBSERVING DESCRIPTION**

Like in program GO-14634, there are 3 types of observations included in this program:

- 1) STIS TTAG imaging of both hemispheres of Jupiter
- 2) STIS TTAG spectroscopy of both hemispheres of Jupiter obtained by scanning the long slit across the auroral region
- 3) STIS-COS spectroscopic observations of Jupiter's moon Io

Timing of these observations is highly constrained by the Juno Spacecraft science orbits. We will observe the Jupiter system during Juno orbits 18 to 22, from Feb. to Sep. 2019 (see table below). One Juno orbit is approximately 53 days, each of the 5 orbits is conveniently named PJ18 to PJ22 where PJ stands for preijove. We will focus on the 4-5 day periods prior and during Juno's perijoves, when the inbound leg of Juno's orbit is crossing Jupiter's current sheet and when Juno is close to Jupiter's poles. We shall mix views of the northern and southern aurorae in order to sample Jupiter's emissions at a frequency as close as possible to 1 Jovian rotation (10 hours) and at least 1 day. The distribution between north and south hemisphere observations and the overall distribution of HST orbits over the 5 Juno orbits will depend on the final timing. We are expecting to use ~10 HST orbits per Juno orbit, the exact number will be determined in time for each orbit as it depends on currently unavailable HST constraints.

Jupiter's northern hemisphere is best observed when the CML of Jupiter from Earth is between 120 and 220 (S3) deg. For the southern hemisphere the CML should be between 290 and 120 deg.

- 1) STIS TTAG imaging of both hemispheres of Jupiter

Observations of Jupiter's auroras will be obtained using the STIS/FUV-MAMA instrument using the F25SRF2 filter, in order to observe the H<sub>2</sub> Lyman and Werner emission whilst removing contamination from the geocoronal Lyman-alpha. Jupiter will be positioned such that only the auroral region and nearby disc will be in the 25x25" field of view, and thus <1/4 of the detector is filled with the planet. We will obtain ~2400 s time-tagged exposures, from which images integrated over smaller intervals (e.g. 10-100 s) will be extracted. POS\_ANG parameters will be provided in a timely manner. They depend on the exact observing time and ORIENT angle and are such that STIS MAMA repeller wire does not cross the auroral region.

- 2) STIS TTAG spectroscopy of both hemispheres of Jupiter

There are 2 orbits during which a spectral pseudo-image will be built by slewing the 52X0.5 long slit with the G140L grating across the auroral region, one in the North one in the South. In the event of STIS not being available, we could obtain these observations with the Solar Blind Channel

Proposal 15638 (STScI Edit Number: 37, Created: Monday, February 10, 2020 at 9:01:14 AM Eastern Standard Time) - Overview of the Advanced Camera for Surveys. If we use ACS we will obtain images with the F125LP and F115LP filters in order to estimate the color ratio.

### 3) STIS-COS spectroscopic observations of Io

Perijove 18 presents a unique opportunity to study Io, as it is eclipsed by Jupiter but visible for 1 hr from HST.

We will use 2 consecutive orbits with STIS/G140L 52x2" to image Io's wake region around the ~1" Io disk when Io is at orbital longitude close to 90 deg.

A 2-orbit visit will obtain COS time tag G130M/1291 spectra of Io's aurora near eclipse. NUV search acquisition in sunlight will be timed 3-5 hours prior to Juno PJ18. Integration may terminate 6 min prior to occultation to keep Jovian scattered light from entering the 2.5" PSA aperture.

### Juno

perijove date (Juno-UTC, add ~40min for HST)

PJ18 02/12/2019 17:34

PJ19 04/06/2019 12:14

PJ20 05/29/2019 08:08

PJ21 07/21/2019 04:03

PJ22 09/12/2019 03:41

Preliminary visits description and targets are given in the first version of this phase II file. It arbitrarily alternates observations in the north and in the south. Precise scheduling and targets definitions will have to be determined with the CS as a function of SAA times and available orbits, for each Juno perijoves.

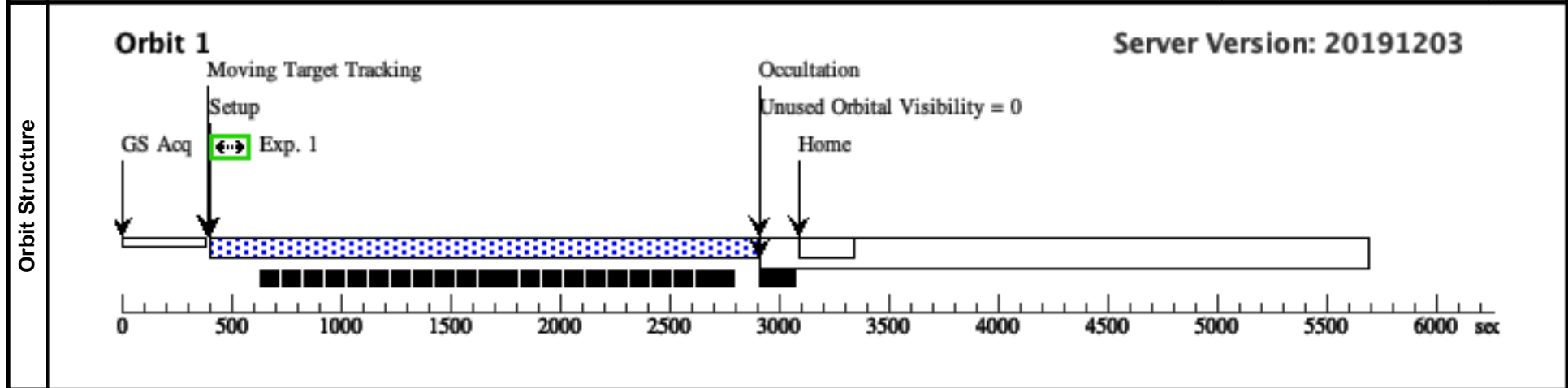
Proposal 15638 - PJ18 01 (01) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:14 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ18 01 (01), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 07-FEB-2019:00:00:00 AND 14-FEB-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(1)	PJ18-NORTH-V1	STD=JUPITER		TYPE=POS_ANGLE,RAD=22,ANG=10,REF=NORTH		NOT OCC OF PJ18-NORTH-V1 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ18							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(1) PJ18-NORTH-V1	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



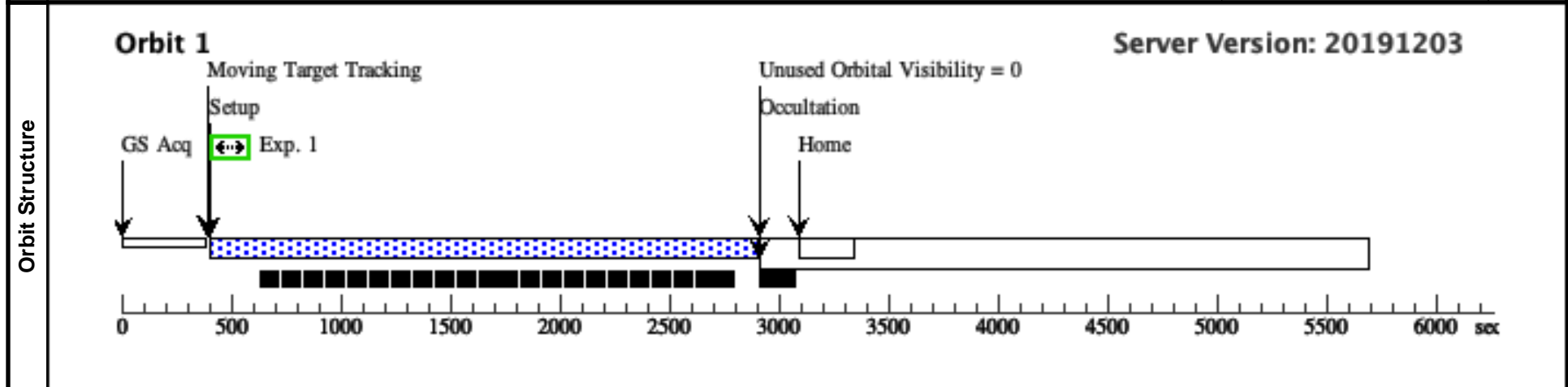
Proposal 15638 - PJ18 02 (02) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:14 GMT 2020

<b>Visit</b>	Proposal 15638, PJ18 02 (02), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 07-FEB-2019:00:00:00 AND 14-FEB-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(2)	PJ18-SOUTH-V2	STD=JUPITER		TYPE=POS_ANGLE,RAD=22,ANG=190,REF=NORTH		NOT OCC OF PJ18-SOUTH-V2 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 290 120	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER SOUTH AURORA PJ18							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(2) PJ18-SOUTH-V2	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



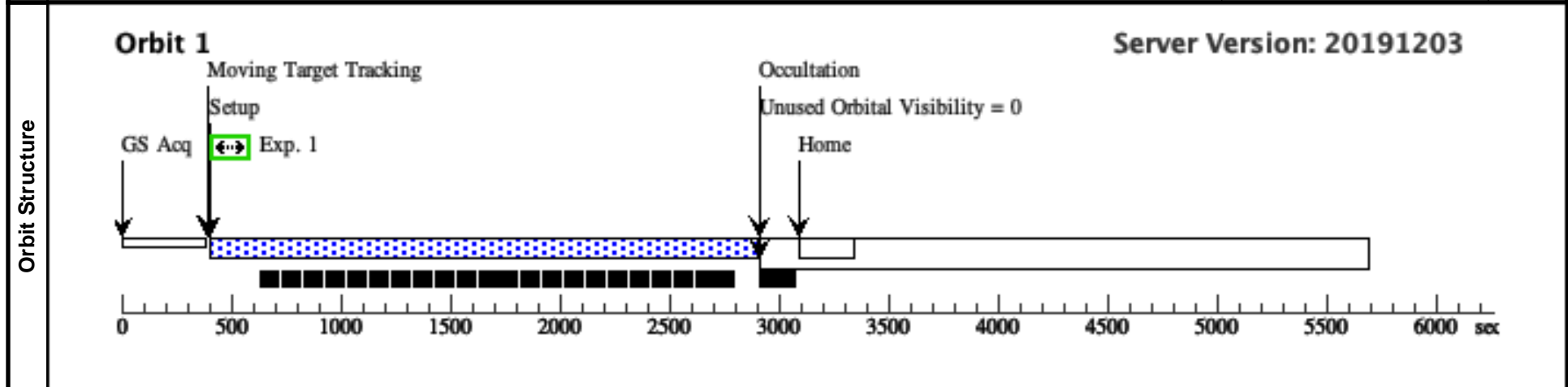
Proposal 15638 - PJ18 03 (03) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:14 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ18 03 (03), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 07-FEB-2019:00:00:00 AND 14-FEB-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(3)	PJ18-NORTH-V3	STD=JUPITER		TYPE=POS_ANGLE,RAD=22,ANG=10,REF=NORTH		NOT OCC OF PJ18-NORTH-V3 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ18							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(3) PJ18-NORTH-V3	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



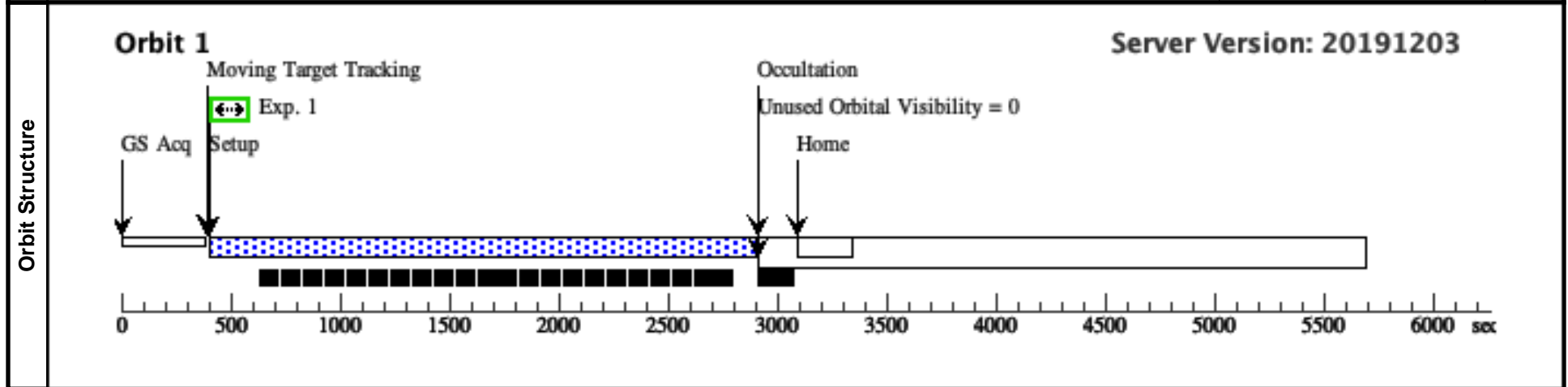
Proposal 15638 - PJ18 04 (04) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:14 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ18 04 (04), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 07-FEB-2019:00:00:00 AND 14-FEB-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(4)	PJ18-SOUTH-V4	STD=JUPITER		TYPE=POS_ANGLE,RAD=22,ANG=190,REF=NORTH		NOT OCC OF PJ18-SOUTH-V4 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 290 120	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER SOUTH AURORA PJ18							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(4) PJ18-SOUTH-V4	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



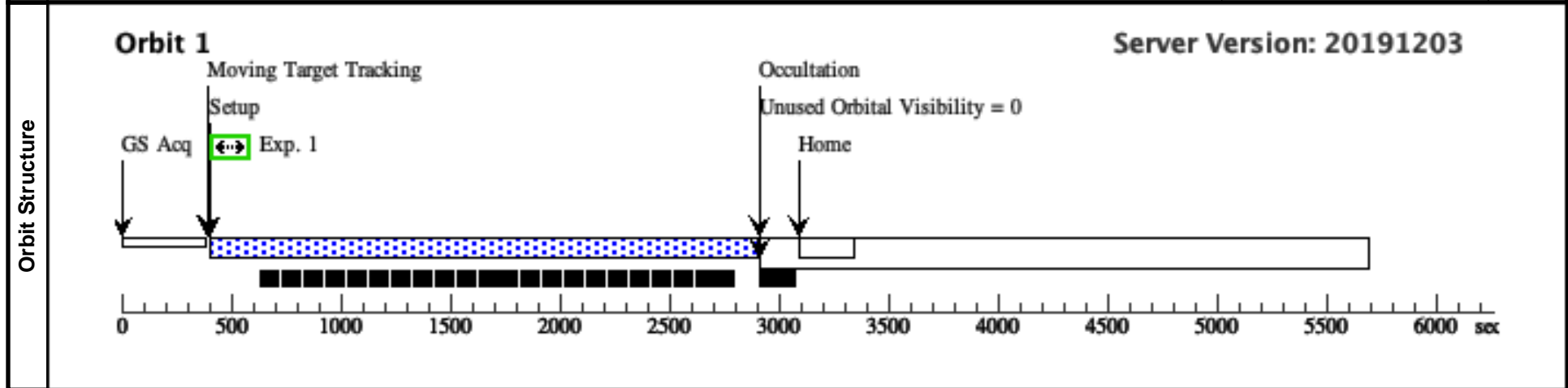
Proposal 15638 - PJ18 05 (05) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:14 GMT 2020

<b>Visit</b>	Proposal 15638, PJ18 05 (05), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 07-FEB-2019:00:00:00 AND 14-FEB-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(5)	PJ18-NORTH-V5	STD=JUPITER		TYPE=POS_ANGLE,RAD=22,ANG=10,REF=NORTH		NOT OCC OF PJ18-NORTH-V5 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ18							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(5) PJ18-NORTH-V 5	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



Proposal 15638 - PJ18 06 (06) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

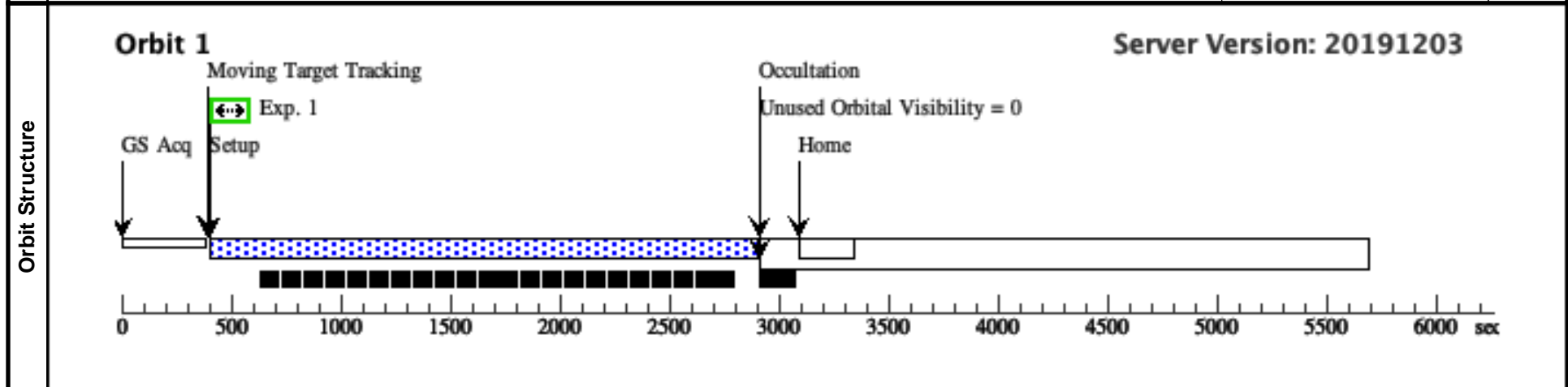
Mon Feb 10 14:01:14 GMT 2020

<b>Visit</b>	Proposal 15638, PJ18 06 (06), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 07-FEB-2019:00:00:00 AND 14-FEB-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(6)	PJ18-SOUTH-V6	STD=JUPITER		TYPE=POS_ANGLE,RAD=22,ANG=190,REF=NORTH		NOT OCC OF PJ18-SOUTH-V6 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 290 120

Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANG,RAD values.  
Description=JUPITER SOUTH AURORA PJ18

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(6) PJ18-SOUTH-V6	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]



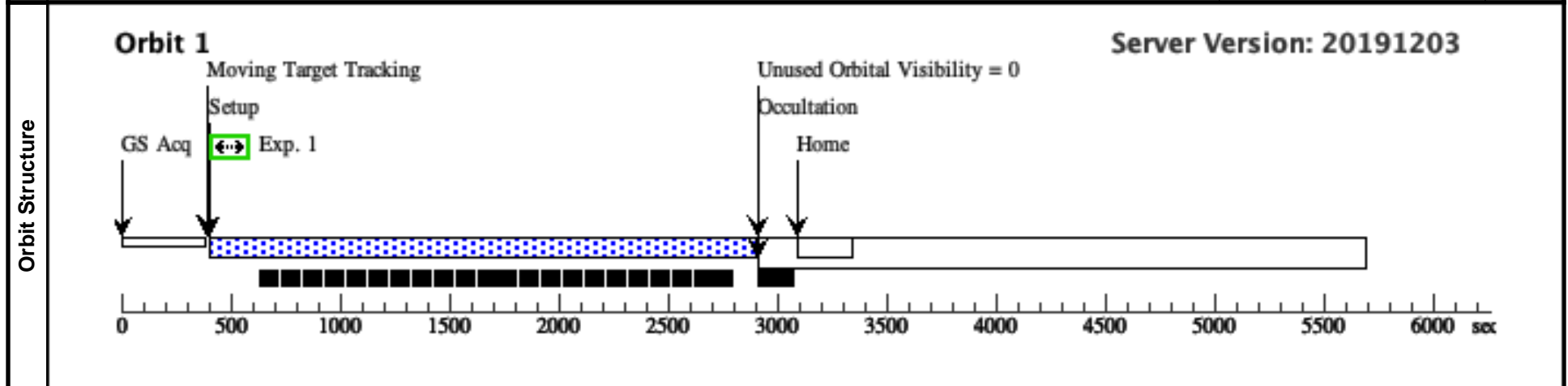
Proposal 15638 - PJ18 07 (07) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:14 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ18 07 (07), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 07-FEB-2019:00:00:00 AND 14-FEB-2019:00:00:00 Comments: Exact time will be determined with CS					

<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(7)	PJ18-NORTH-V7	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=10,REF=NORTH		NOT OCC OF PJ18-NORTH-V7 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
	Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ18						

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(7) PJ18-NORTH-V7	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE		2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



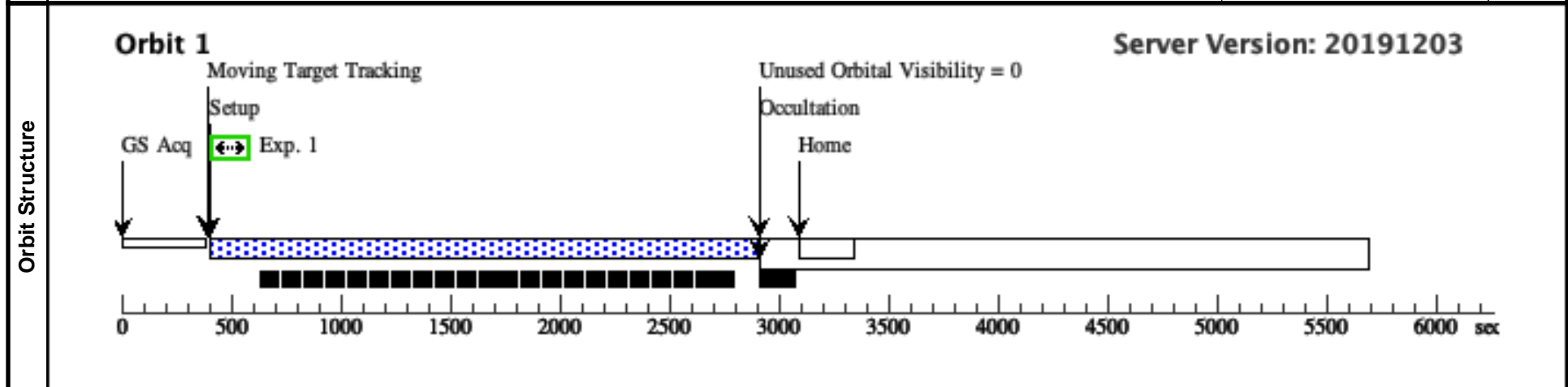
Proposal 15638 - PJ18 08 (08) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ18 08 (08), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 07-FEB-2019:00:00:00 AND 14-FEB-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(8)	PJ18-NORTH-V8	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=10,REF=NORTH			NOT OCC OF PJ18-NORTH-V8 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a apecific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER SOUTH AURORA PJ18							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(8) PJ18-NORTH-V 8	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



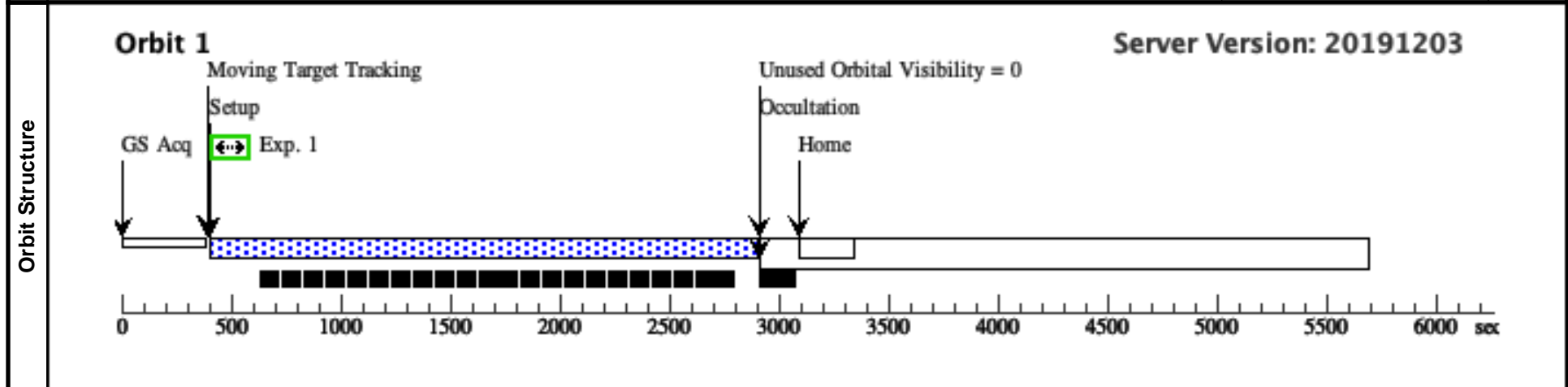
Proposal 15638 - PJ18 09 (09) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ18 09 (09), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 09-MAR-2019:11:20:00 AND 09-MAR-2019:12:10:00 <i>Comments: Exact time will be determined with CS</i>					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(9)	PJ18-NORTH-V9	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=10,REF=NORTH		NOT OCC OF PJ18-NORTH-V9 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
<i>Comments: It may be necessary to create a apecific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ18</i>							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(9) PJ18-NORTH-V 9	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]



Proposal 15638 - PJ18 10 (10) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

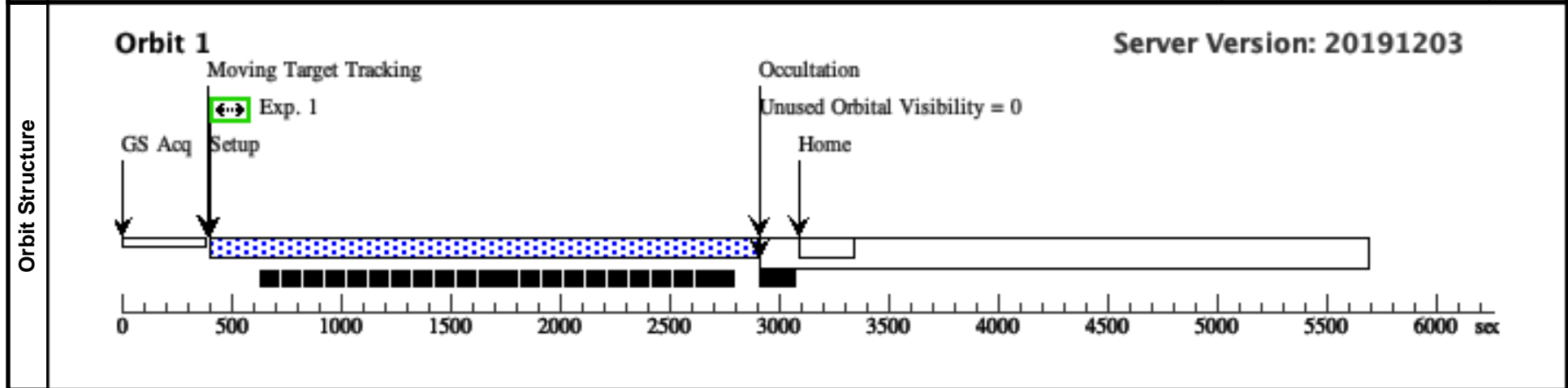
Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ18 10 (10), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 10-MAR-2019:06:20:00 AND 10-MAR-2019:07:15:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(10)	PJ18-NORTH-V10	STD=JUPITER		TYPE=POS_ANGLE,RAD=22,ANG=10,REF=NORTH		NOT OCC OF PJ18-NORTH-V10 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220

Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANG,RAD values.  
Description=JUPITER NORTH AURORA PJ18

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(10) PJ18-NORTH-V10	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]



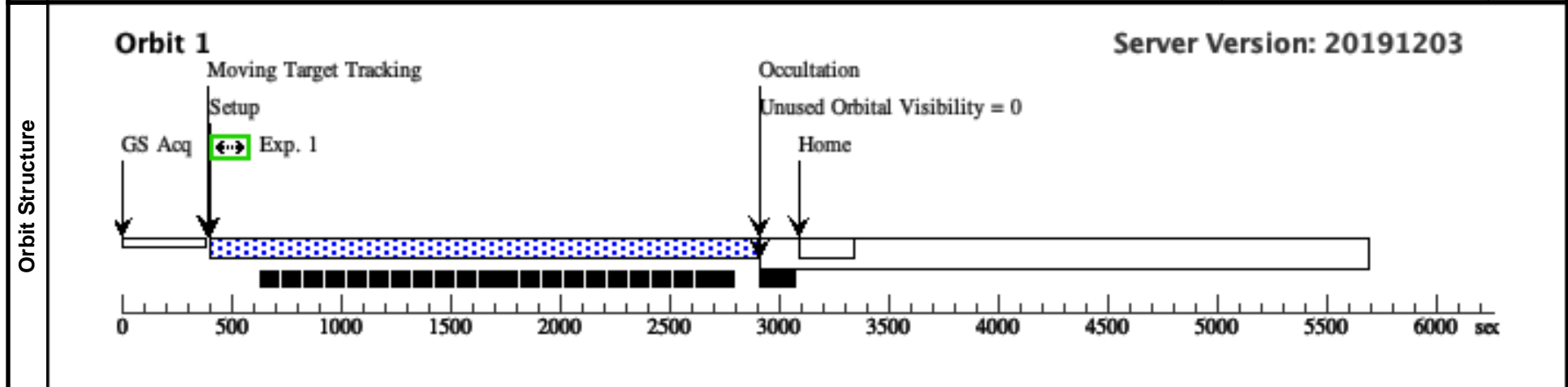
Proposal 15638 - PJ19 01 (11) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ19 01 (11), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 28-MAR-2019:20:45:00 AND 28-MAR-2019:21:50:00 <i>Comments: Exact time will be determined with CS</i>					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(11)	PJ19-NORTH-V11	STD=JUPITER	TYPE=POS_ANGLE,RAD=23.5,AN G=10,REF=NORTH			NOT OCC OF PJ19-NORTH-V11 BY EARTH JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	
<i>Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ19</i>							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(11) PJ19-NORTH-V11	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



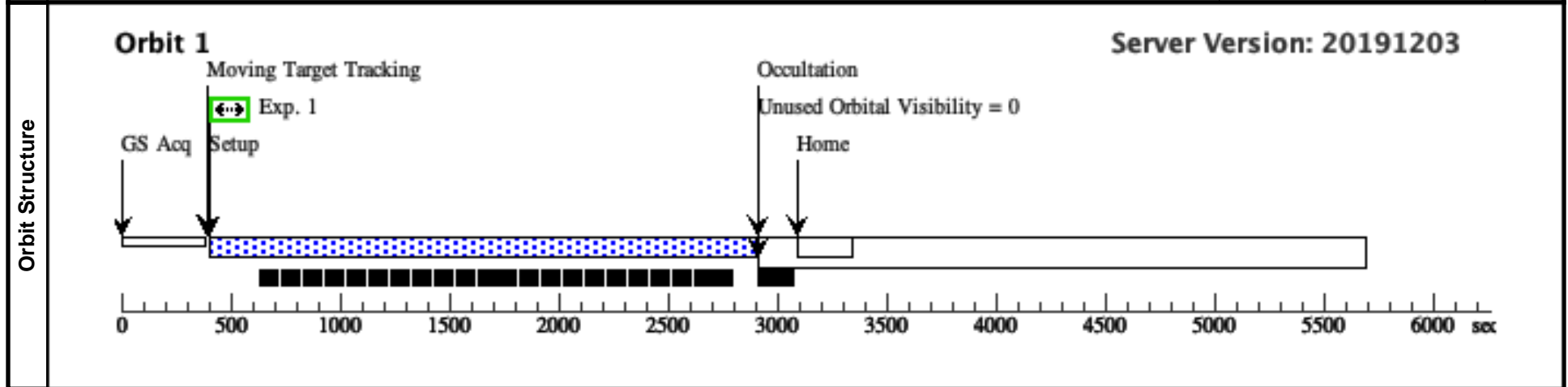
Proposal 15638 - PJ19 02 (12) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ19 02 (12), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 29-MAR-2019:17:30:00 AND 29-MAR-2019:18:30:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(12)	PJ19-NORTH-V12	STD=JUPITER		TYPE=POS_ANGLE,RAD=23.5,AN G=4,REF=NORTH		NOT OCC OF PJ19-NORTH-V12 BY EARTH JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ19							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(12) PJ19-NORTH-V12	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



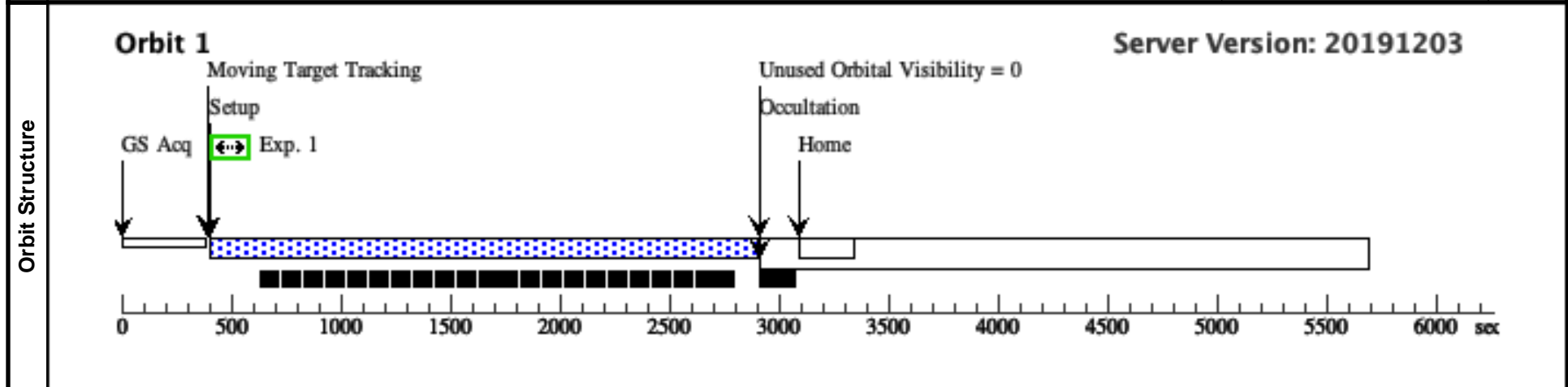
Proposal 15638 - PJ19 03 (13) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ19 03 (13), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 30-MAR-2019:22:00:00 AND 30-MAR-2019:23:00:00 Comments: Exact time will be determined with CS					

<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(13)	PJ19-NORTH-V13	STD=JUPITER	TYPE=POS_ANGLE,RAD=23.5,AN G=10,REF=NORTH		NOT OCC OF PJ19-NORTH-V13 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
	Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ19						

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(13) PJ19-NORTH-V13	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE		2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



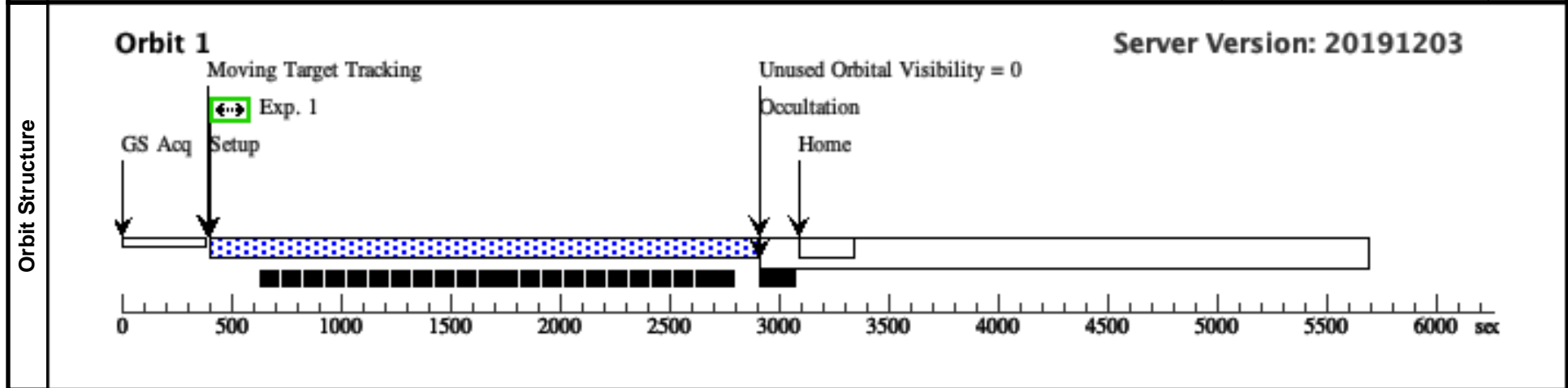
Proposal 15638 - PJ19 04 (14) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ19 04 (14), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 31-MAR-2019:18:50:00 AND 31-MAR-2019:20:50:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(14)	PJ19-NORTH-V14	STD=JUPITER		TYPE=POS_ANGLE,RAD=23.5,AN G=7,REF=NORTH		NOT OCC OF PJ19-NORTH-V14 BY EARTH JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ19							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(14) PJ19-NORTH-V14	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



Proposal 15638 - PJ19 05 (15) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

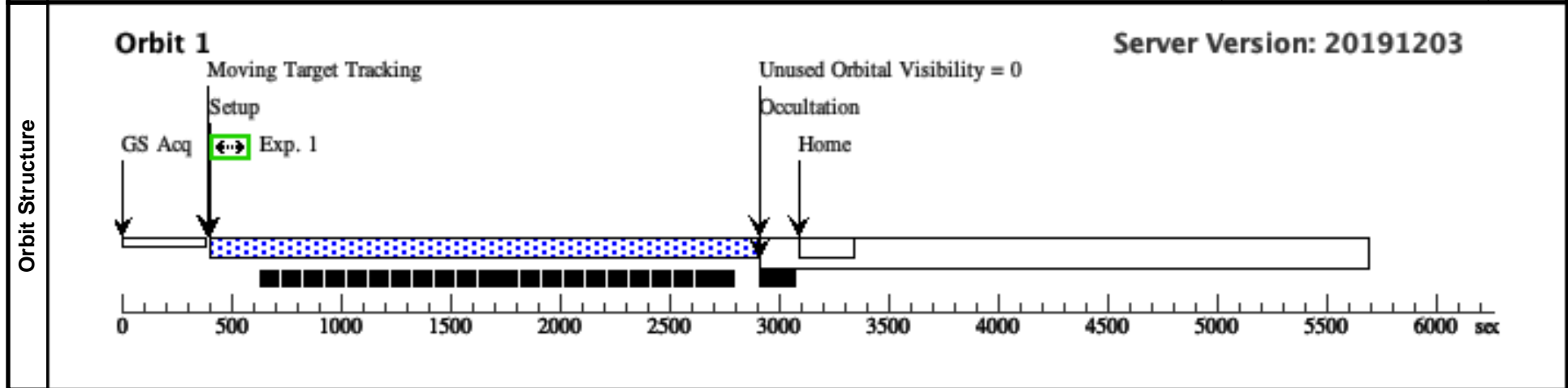
Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ19 05 (15), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 01-APR-2019:15:15:00 AND 01-APR-2019:16:10:00 <i>Comments: Exact time will be determined with CS</i>					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(15)	PJ19-NORTH-V15	STD=JUPITER	TYPE=POS_ANGLE,RAD=23.5,AN G=0,REF=NORTH		NOT OCC OF PJ19-NORTH-V15 BY EARTH JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH

*Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANG,RAD values.  
Description=JUPITER NORTH AURORA PJ19*

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(15) PJ19-NORTH-V15	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]



Proposal 15638 - PJ19 06 (16) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

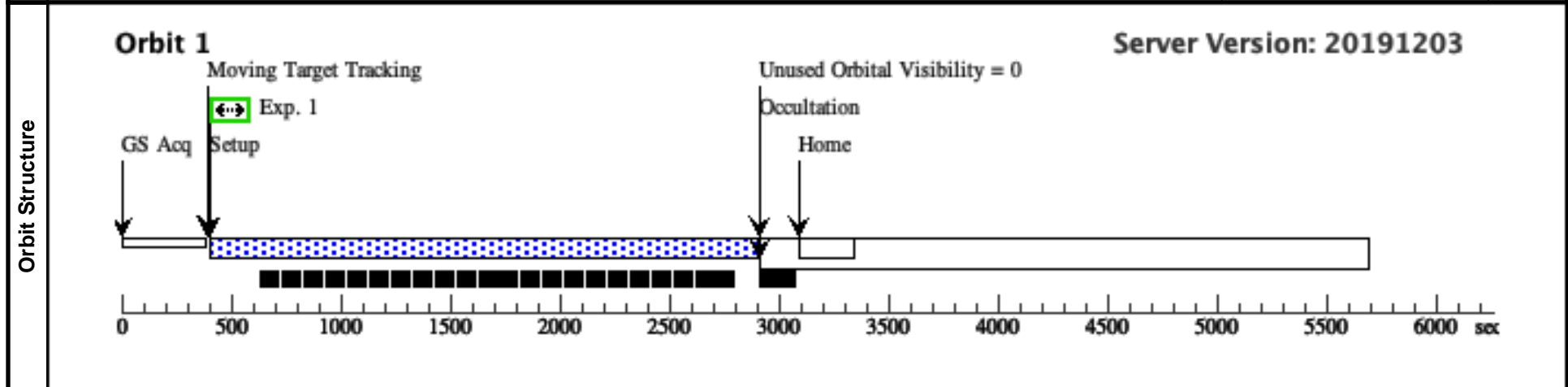
Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ19 06 (16), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 02-APR-2019:00:45:00 AND 02-APR-2019:02:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(16)	PJ19-NORTH-V16	STD=JUPITER	TYPE=POS_ANGLE,RAD=23.5,AN G=5,REF=NORTH			NOT OCC OF PJ19-NORTH-V16 BY EARTH JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220

Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANG,RAD values.  
Description=JUPITER NORTH AURORA PJ19

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(16) PJ19-NORTH-V16	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]



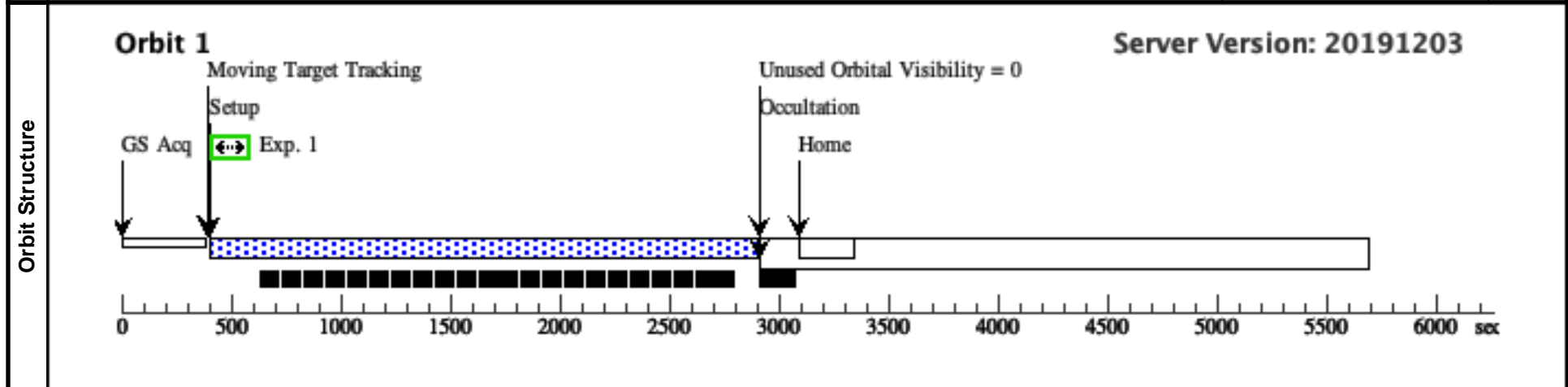
Proposal 15638 - PJ19 07 (17) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ19 07 (17), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 03-APR-2019:16:35:00 AND 03-APR-2019:17:35:00 Comments: Exact time will be determined with CS					

<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(17)	PJ19-NORTH-V17	STD=JUPITER	TYPE=POS_ANGLE,RAD=23.5,AN G=4,REF=NORTH		NOT OCC OF PJ19-NORTH-V17 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ19							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(17) PJ19-NORTH-V17	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]



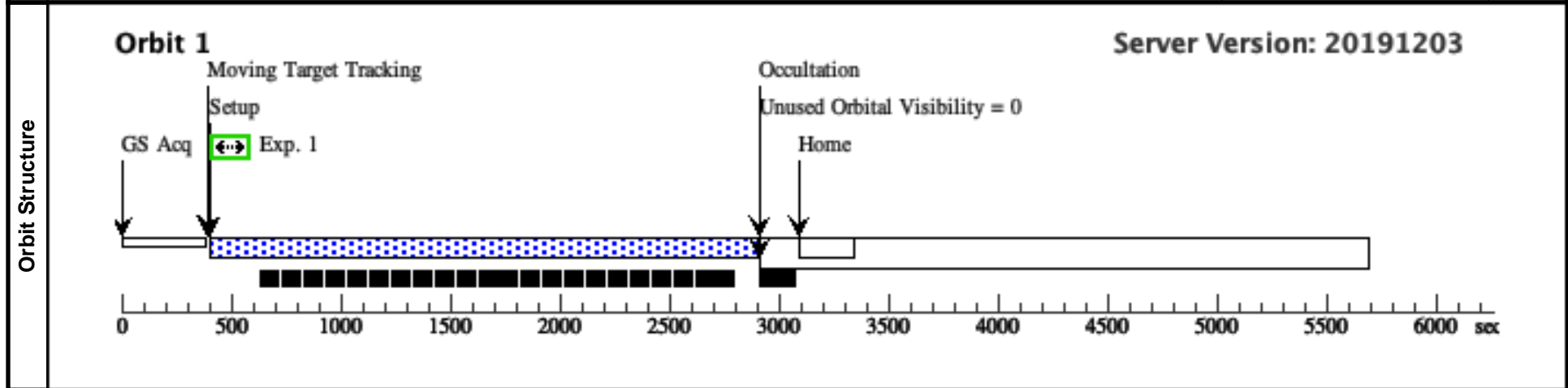
Proposal 15638 - PJ19 08 (18) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ19 08 (18), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 05-APR-2019:17:50:00 AND 05-APR-2019:19:00:00 <i>Comments: Exact time will be determined with CS</i>					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(18)	PJ19-NORTH-V18	STD=JUPITER	TYPE=POS_ANGLE,RAD=23.5,AN G=7,REF=NORTH			NOT OCC OF PJ19-NORTH-V18 BY EARTH JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	
<i>Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ19</i>							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(18) PJ19-NORTH-V18	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



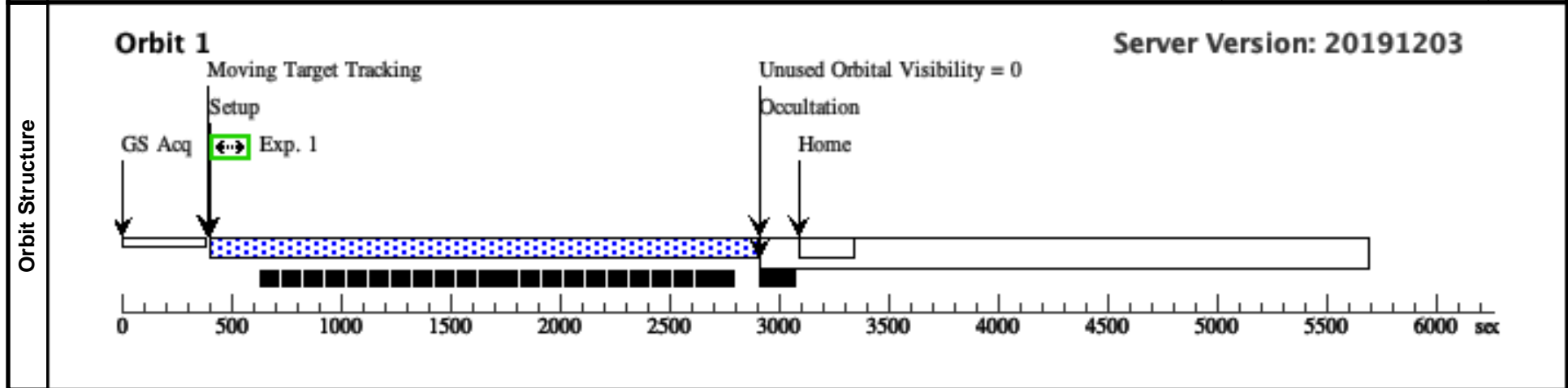
Proposal 15638 - PJ19 09 (19) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ19 09 (19), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 06-APR-2019:14:40:00 AND 06-APR-2019:15:35:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(19)	PJ19-NORTH-V19	STD=JUPITER	TYPE=POS_ANGLE,RAD=23.5,AN G=11,REF=NORTH			NOT OCC OF PJ19-NORTH-V19 BY EARTH JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ19							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(19) PJ19-NORTH-V19	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



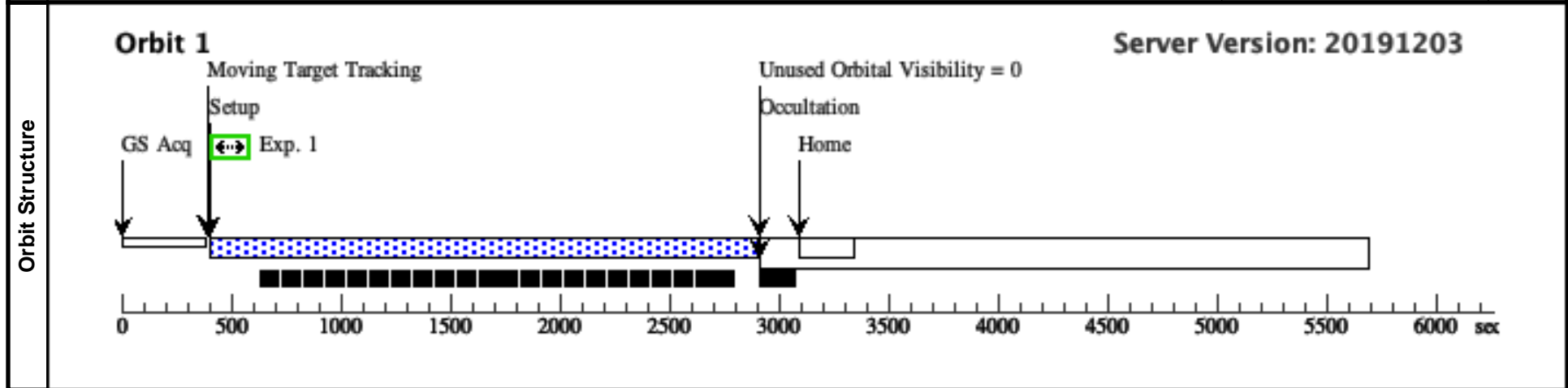
Proposal 15638 - PJ19 10 (20) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ19 10 (20), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 06-APR-2019:22:35:00 AND 06-APR-2019:23:35:00 <i>Comments: Exact time will be determined with CS</i>					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(20)	PJ19-NORTH-V20	STD=JUPITER	TYPE=POS_ANGLE,RAD=23.5,AN G=13,REF=NORTH			NOT OCC OF PJ19-NORTH-V20 BY EARTH JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	
<i>Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ19</i>							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(20) PJ19-NORTH-V20	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



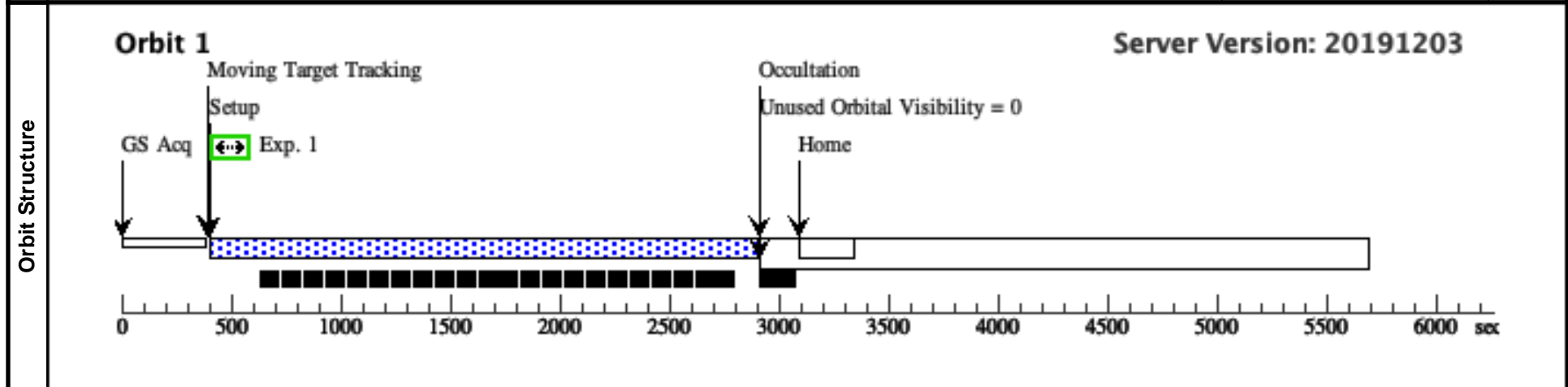
Proposal 15638 - PJ20 01 (21) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ20 01 (21), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 30-APR-2019:02:40:00 AND 30-APR-2019:03:35:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(21)	PJ20-NORTH-V21	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=13,REF=NORTH		NOT OCC OF PJ20-NORTH-V21 BY EARTH JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH	
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ20							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(21) PJ20-NORTH-V21	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



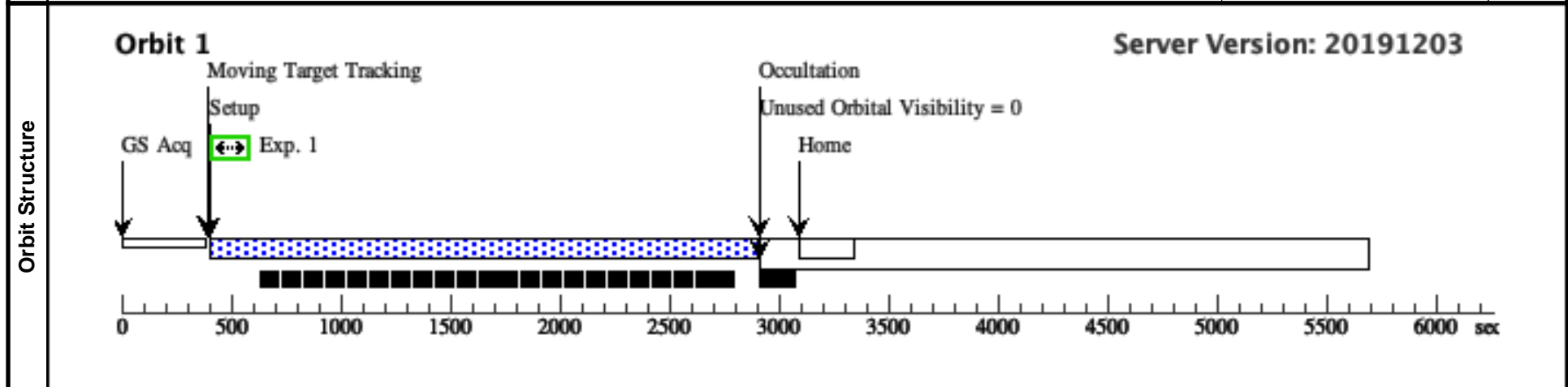
Proposal 15638 - PJ20 02 (22) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ20 02 (22), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; ORIENT 240.5D TO 250.5 D; BETWEEN 24-MAY-2019:00:00:00 AND 30-MAY-2019:00:00:00 Comments: Exact time will be determined with CS					

<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(22)	PJ20-SOUTH-AURORA-V22	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=185,REF=NORTH		NOT OCC OF PJ20-SOUTH-AURORA-V22 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 290 120	EARTH
	Comments: It may be necessary to create a apecific target for each visit with the appropriate POS_ANG,RAD values. Also used for visit 24, 28. Description=JUPITER NORTH AURORA PJ20						

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(22) PJ20-SOUTH-AURORA-V22	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE		2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



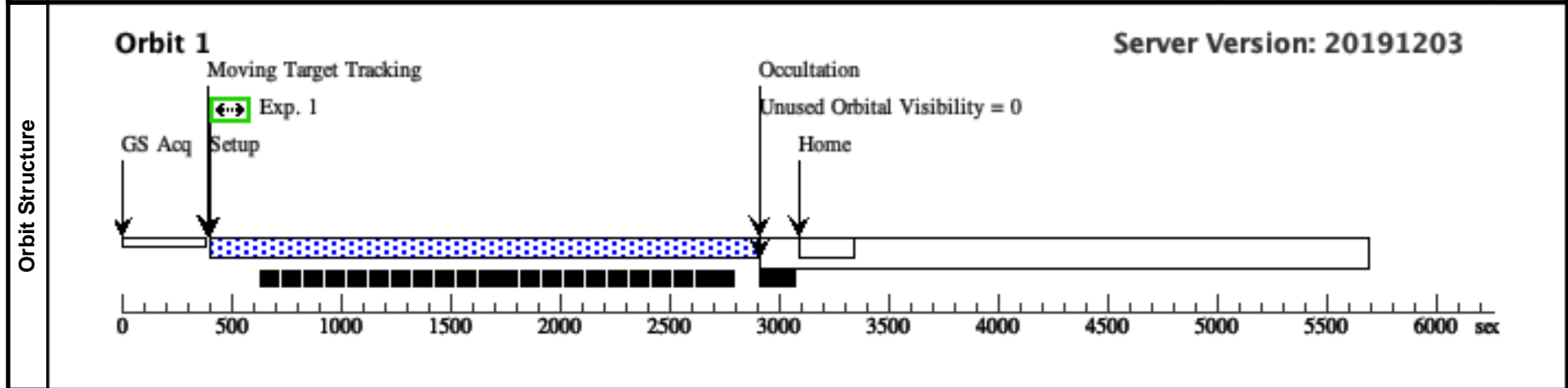
Proposal 15638 - PJ20 03 (23) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ20 03 (23), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 22-MAY-2019:00:00:00 AND 30-MAY-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(23)	PJ20-NORTH-AURORA-V23	STD=JUPITER	TYPE=POS_ANGLE,RAD=24,ANG=10,REF=NORTH			NOT OCC OF PJ20-NORTH-AURORA-V23 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ20							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(23) PJ20-NORTH-AURORA-V23	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



Proposal 15638 - PJ20 04 (24) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

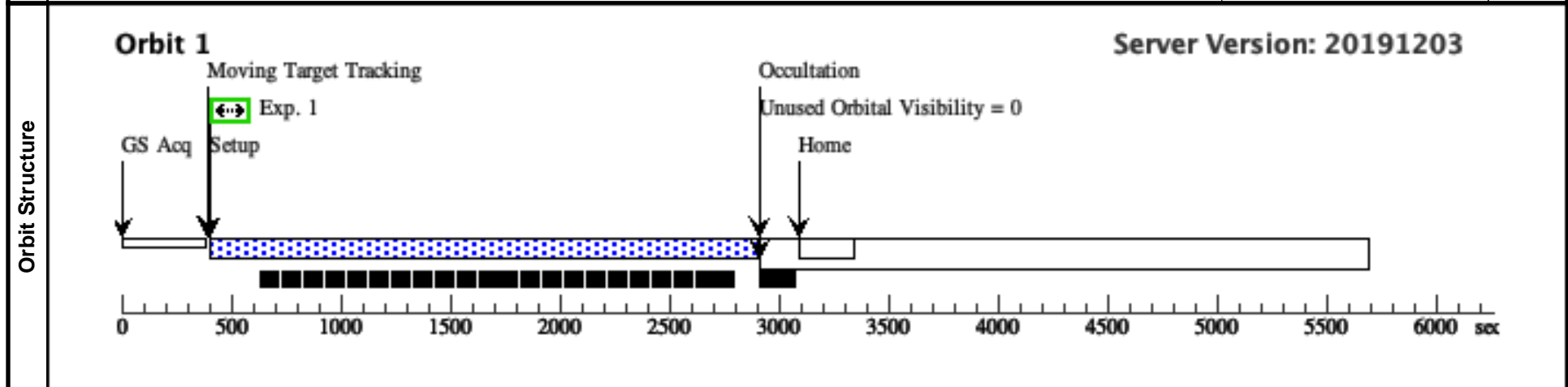
Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ20 04 (24), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 24-MAY-2019:00:00:00 AND 30-MAY-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(22)	PJ20-SOUTH-AURORA-V22	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=185,REF=NORTH		NOT OCC OF PJ20-SOUTH-AURORA-V22 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 290 120	EARTH

Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANG,RAD values. Also used for visit 24, 28.  
Description=JUPITER NORTH AURORA PJ20

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(22) PJ20-SOUTH-AURORA-V22	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]



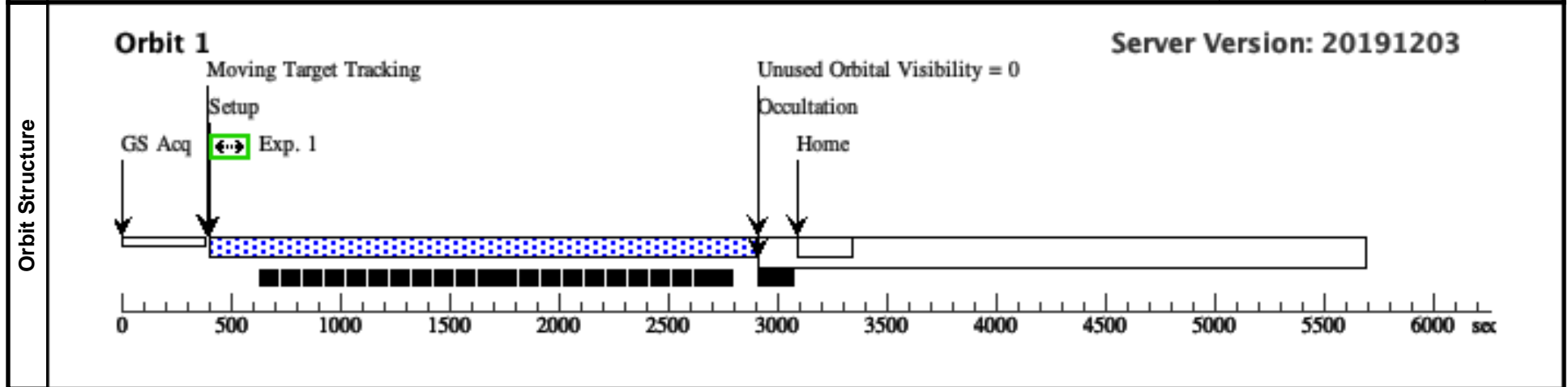
Proposal 15638 - PJ20 05 (25) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ20 05 (25), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 23-MAY-2019:00:00:00 AND 30-MAY-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(25)	PJ20-NORTH-AURORA-V25	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=12,REF=NORTH			NOT OCC OF PJ20-NORTH-AURORA-V25 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Also used with visit 27 Description=JUPITER NORTH AURORA PJ20							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(25) PJ20-NORTH-AURORA-V25	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



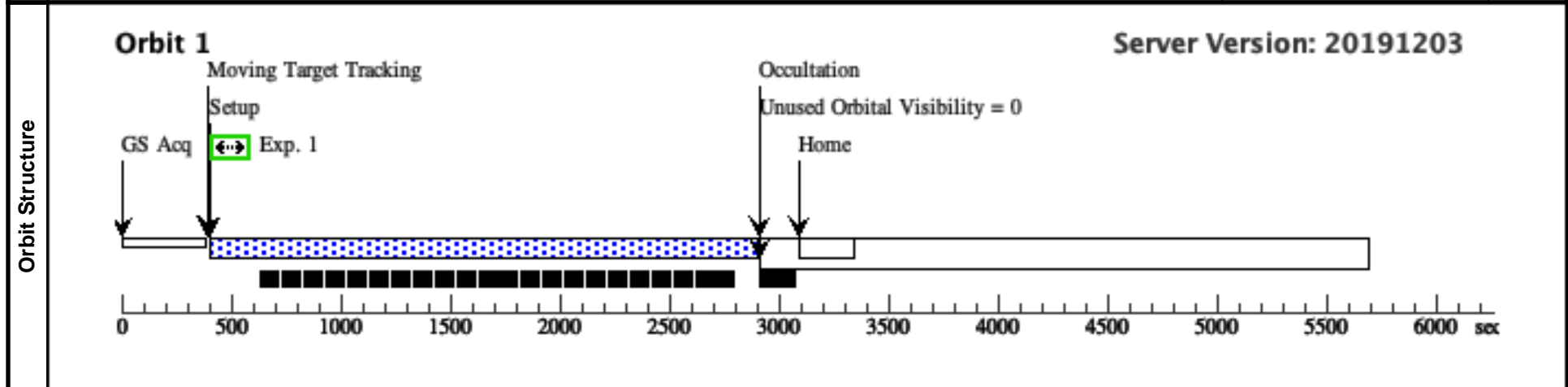
Proposal 15638 - PJ20 06 (26) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	Proposal 15638, PJ20 06 (26), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 24-MAY-2019:00:00:00 AND 30-MAY-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(26)	PJ20-SOUTH-AURORA-V26	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=194,REF=NORTH			NOT OCC OF PJ20-SOUTH-AURORA-V26 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 290 120	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ20							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(26) PJ20-SOUTH-AURORA-V26	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR		BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE		2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



Proposal 15638 - PJ20 07 (27) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

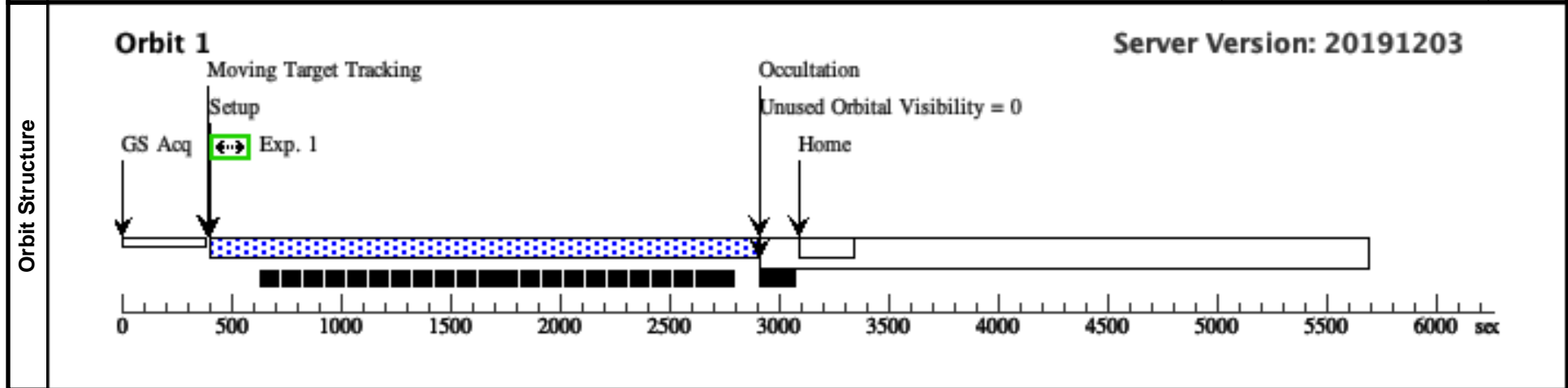
Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ20 07 (27), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 24-MAY-2019:00:00:00 AND 30-MAY-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(27)	PJ20-NORTH-AURORA-V27	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=10,REF=NORTH			NOT OCC OF PJ20-NORTH-AURORA-V27 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220

Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANG,RAD values.  
 Also used with visit 27  
 Description=JUPITER NORTH AURORA PJ20

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(27) PJ20-NORTH-AURORA-V27	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]



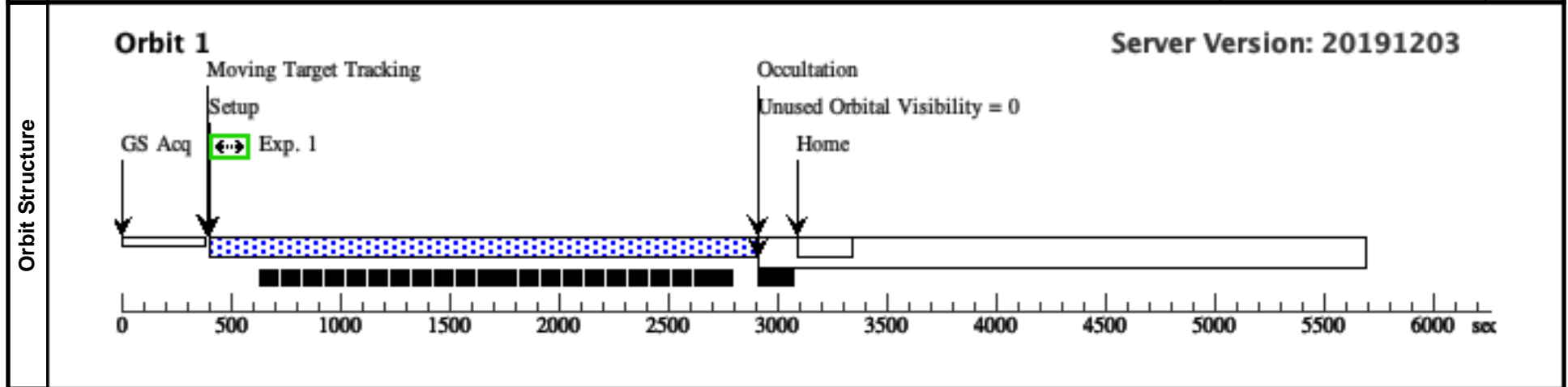
Proposal 15638 - PJ20 08 (28) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ20 08 (28), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 24-MAY-2019:00:00:00 AND 30-MAY-2019:00:00:00 Comments: Exact time will be determined with CS					

<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(22)	PJ20-SOUTH-AURORA-V22	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=185,REF=NORTH		NOT OCC OF PJ20-SOUTH-AURORA-V22 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 290 120	EARTH
	Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Also used for visit 24, 28. Description=JUPITER NORTH AURORA PJ20						

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(22) PJ20-SOUTH-AURORA-V22	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE		2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



Proposal 15638 - PJ20 09 (29) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

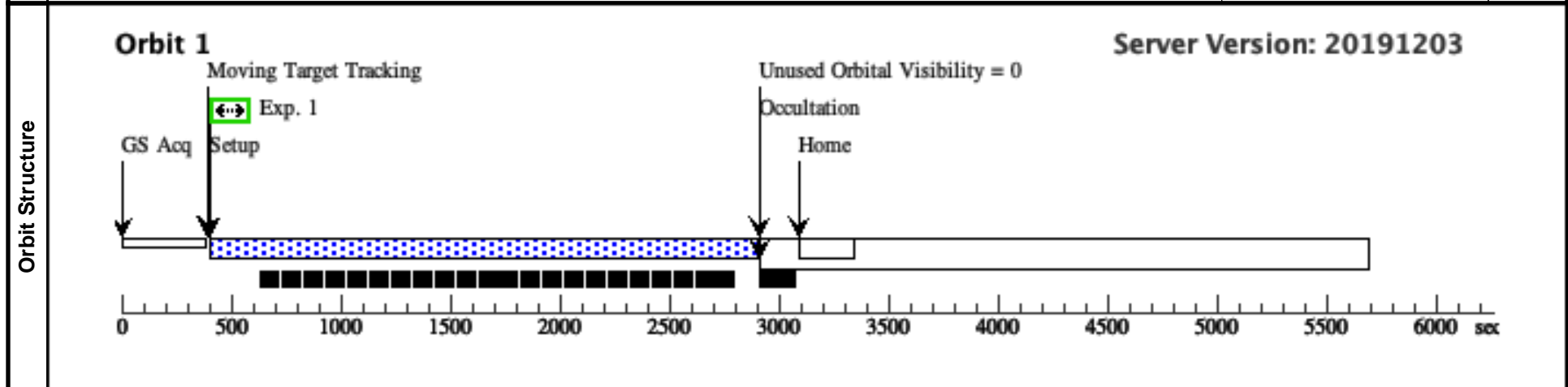
Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ20 09 (29), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 24-MAY-2019 AND 30-MAY-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(29)	PJ21-NORTH-AURORA-V29	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=5,REF=NORTH		NOT OCC OF PJ21-NORTH-AURORA-V29 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH

Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANG,RAD values.  
Description=JUPITER NORTH AURORA PJ21

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(29) PJ21-NORTH-AURORA-V29	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE		2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



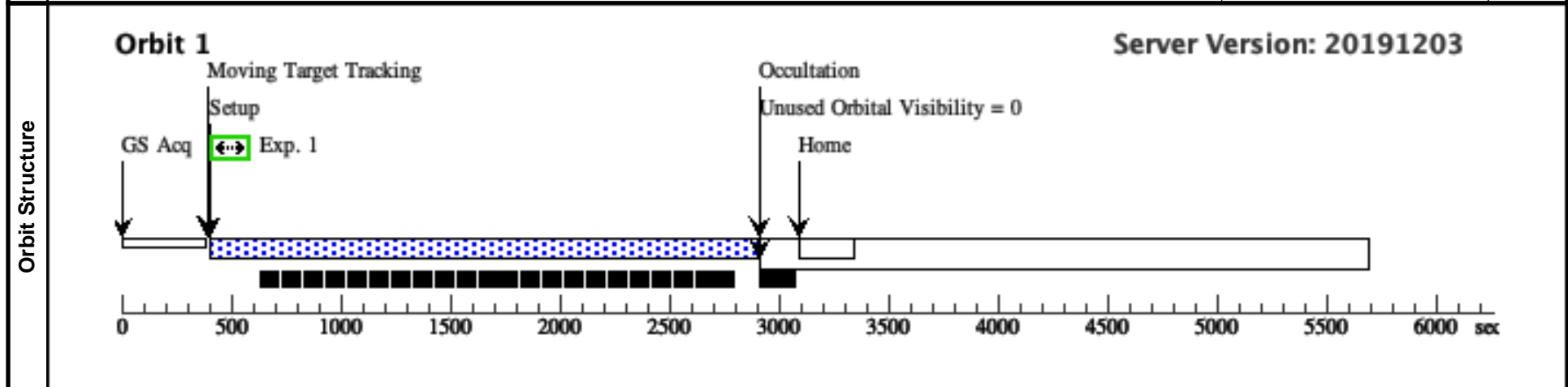
Proposal 15638 - PJ21 10 (30) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ21 10 (30), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 24-MAY-2019:00:00:00 AND 31-MAY-2019:00:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(30)	PJ21-NORTH-AURORA-V30	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=18,REF=NORTH			NOT OCC OF PJ21-NORTH-AURORA-V30 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ21							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(30) PJ21-NORTH-AURORA-V30	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



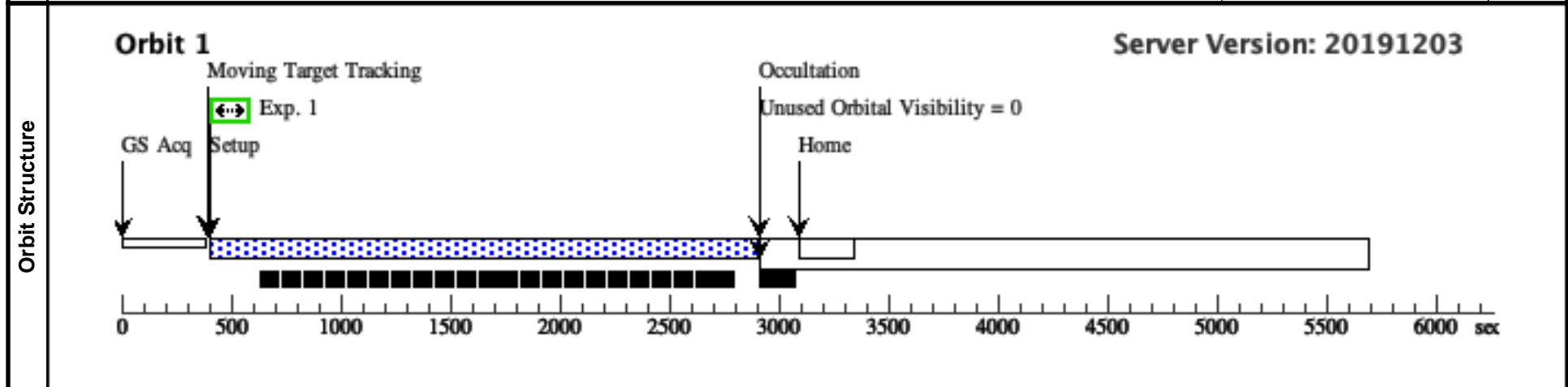
Proposal 15638 - PJ21 01 (31) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ21 01 (31), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 14-JUL-2019:19:00:00 AND 14-JUL-2019:20:30:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(31)	PJ21-NORTH-AURORA-V31	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=15,REF=NORTH		NOT OCC OF PJ21-NORTH-AURORA-V31 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH	
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ21							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(31) PJ21-NORTH-AURORA-V31	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



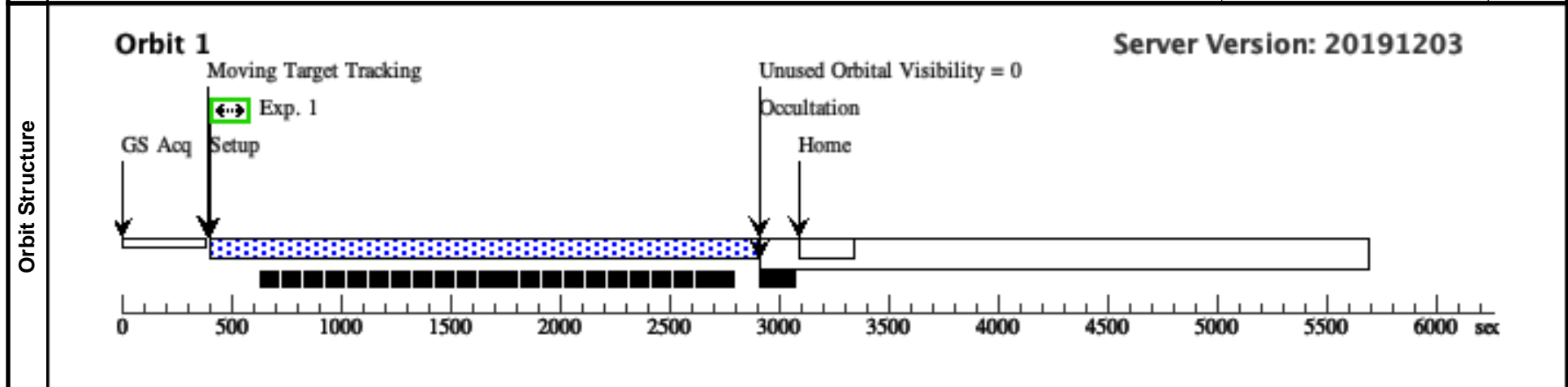
Proposal 15638 - PJ21 02 (32) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	Proposal 15638, PJ21 02 (32), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 15-JUL-2019:13:50:00 AND 15-JUL-2019:15:40:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(32)	PJ21-NORTH-AURORA-V32	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=20,REF=NORTH		NOT OCC OF PJ21-NORTH-AURORA-V32 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 118 220	EARTH	
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ21							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(32) PJ21-NORTH-AURORA-V32	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



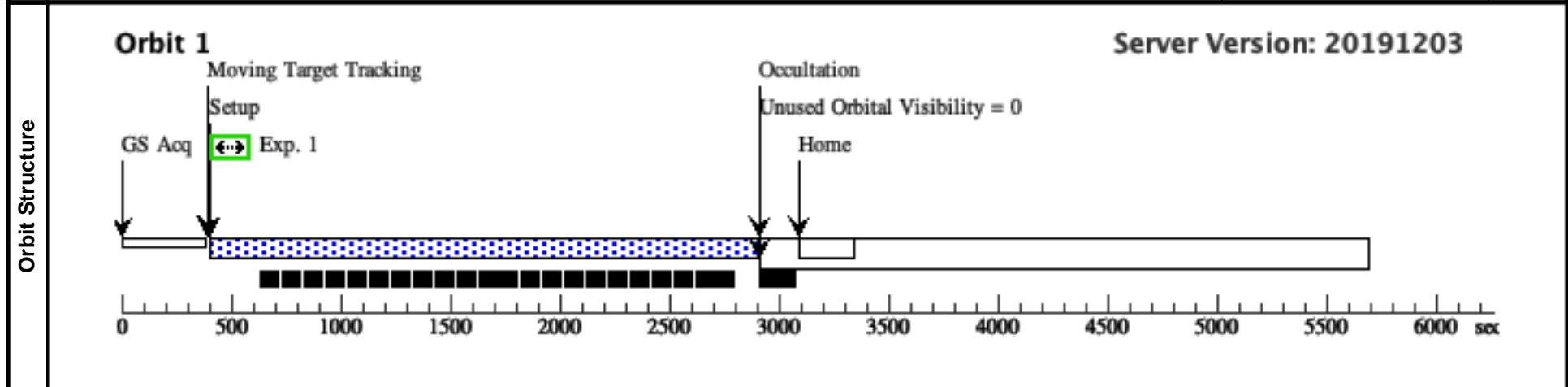
Proposal 15638 - PJ21 03 (33) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	Proposal 15638, PJ21 03 (33), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 15-JUL-2019:15:30:00 AND 15-JUL-2019:17:20:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(33)	PJ21-NORTH-AURORA-V33	STD=JUPITER	TYPE=POS_ANGLE,RAD=24,ANG=3,REF=NORTH			NOT OCC OF PJ21-NORTH-AURORA-V33 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ21							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(33) PJ21-NORTH-AURORA-V33	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



Proposal 15638 - PJ21 04 (34) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

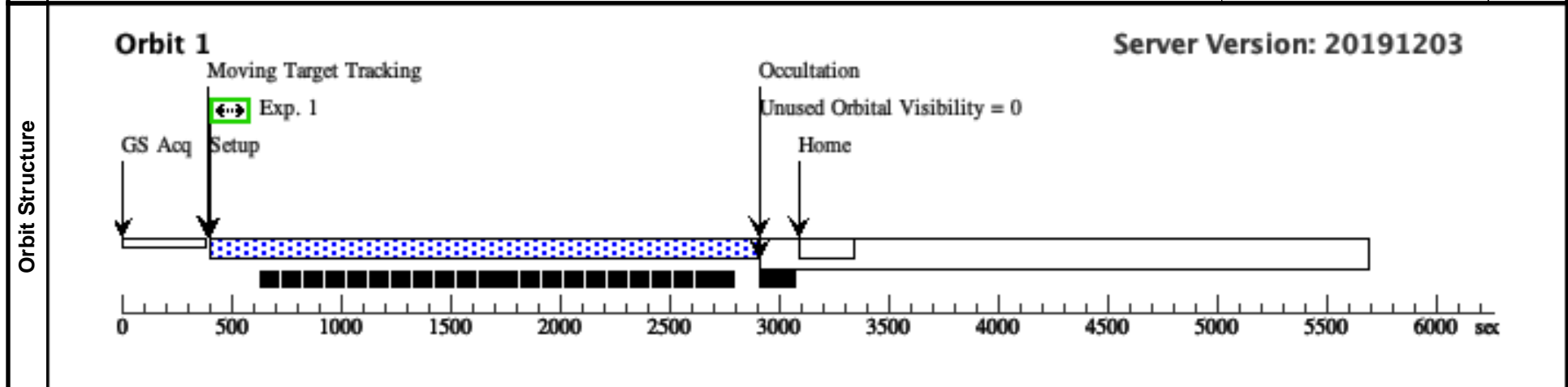
Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	Proposal 15638, PJ21 04 (34), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 16-JUL-2019:10:20:00 AND 16-JUL-2019:12:15:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(31)	PJ21-NORTH-AURORA-V31	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=15,REF=NORTH			NOT OCC OF PJ21-NORTH-AURORA-V31 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH

Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANG,RAD values.  
Description=JUPITER NORTH AURORA PJ21

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(31) PJ21-NORTH-AURORA-V31	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



Proposal 15638 - PJ21 05 (35) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

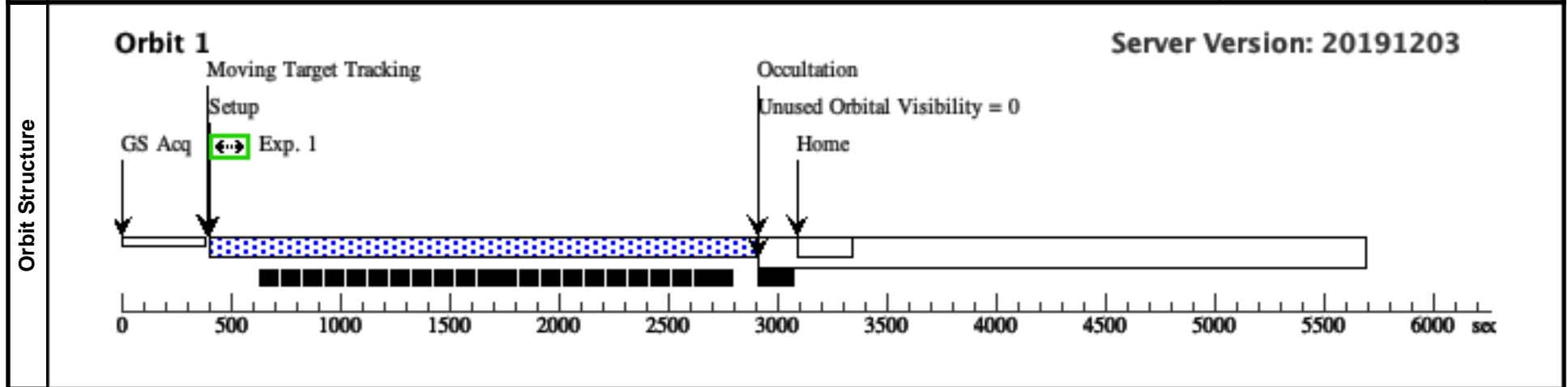
Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	Proposal 15638, PJ21 05 (35), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 19-JUL-2019:17:45:00 AND 19-JUL-2019:19:45:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(35)	PJ21-NORTH-AURORA-V35	STD=JUPITER	TYPE=POS_ANGLE,RAD=24,ANG=7,REF=NORTH			NOT OCC OF PJ21-NORTH-AURORA-V35 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH

Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANG,RAD values.  
Description=JUPITER NORTH AURORA PJ21

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(35) PJ21-NORTH-AURORA-V35	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



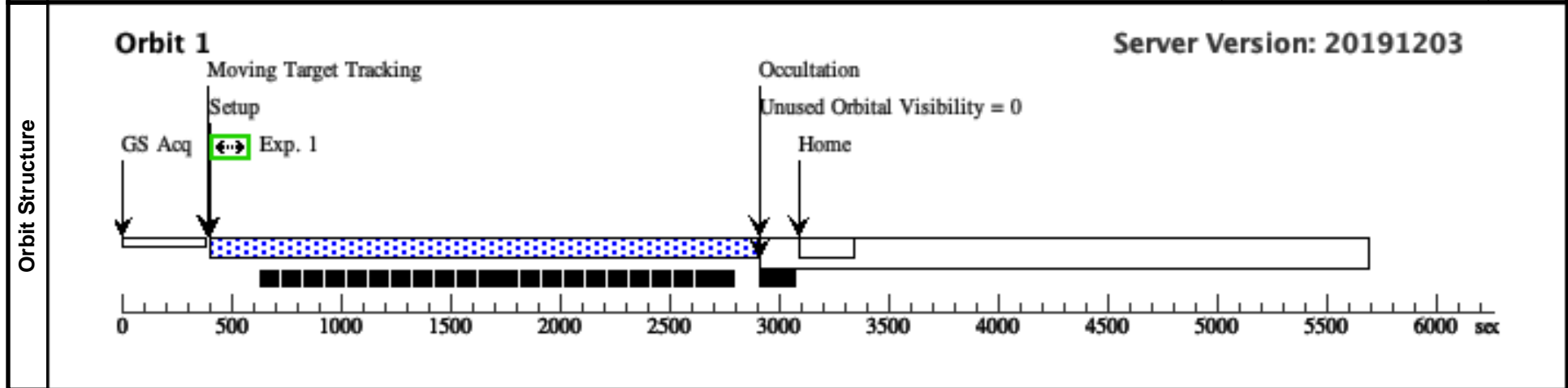
Proposal 15638 - PJ21 06 (36) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ21 06 (36), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 18-JUL-2019:13:15:00 AND 18-JUL-2019:15:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(36)	PJ21-NORTH-AURORA-V36	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=0,REF=NORTH			NOT OCC OF PJ21-NORTH-AURORA-V36 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ21							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(36) PJ21-NORTH-AURORA-V36	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



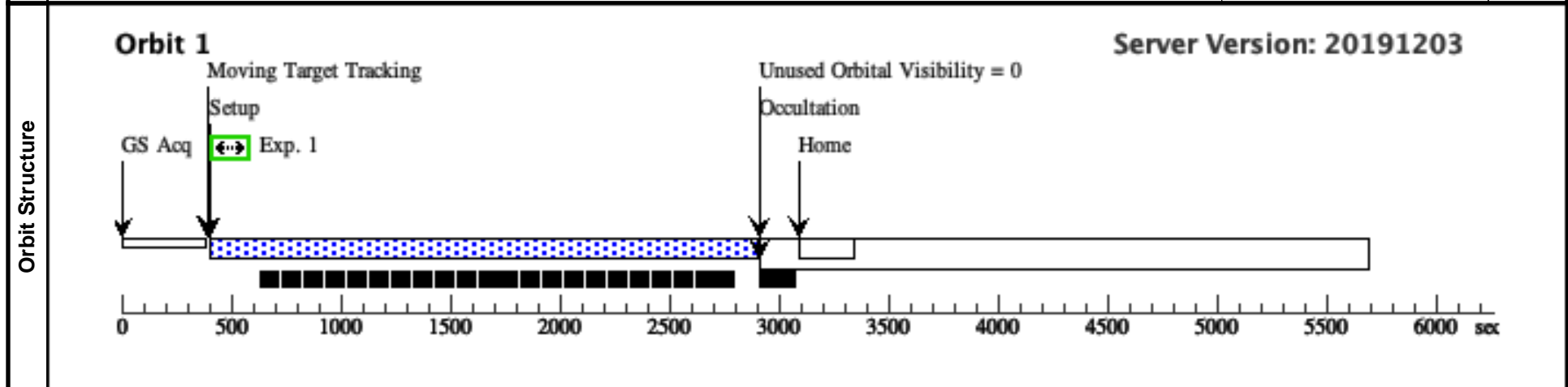
Proposal 15638 - PJ21 07 (37) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:15 GMT 2020

<b>Visit</b>	Proposal 15638, PJ21 07 (37), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 19-JUL-2019:08:15:00 AND 19-JUL-2019:10:15:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(35)	PJ21-NORTH-AURORA-V35	STD=JUPITER	TYPE=POS_ANGLE,RAD=24,ANG=7,REF=NORTH		NOT OCC OF PJ21-NORTH-AURORA-V35 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH	
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ21							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(35) PJ21-NORTH-AURORA-V35	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



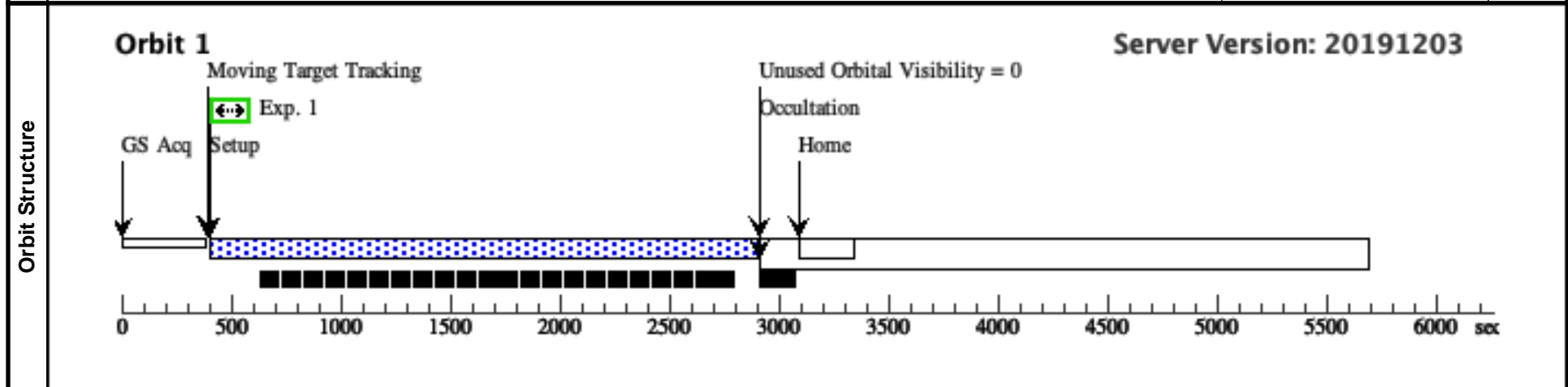
Proposal 15638 - PJ21 08 (38) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ21 08 (38), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 20-JUL-2019:13:00:00 AND 20-JUL-2019:15:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(38)	PJ21-NORTH-AURORA-V38	STD=JUPITER	TYPE=POS_ANGLE,RAD=25,ANG=7,REF=NORTH		NOT OCC OF PJ21-NORTH-AURORA-V38 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH	
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ21							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(38) PJ21-NORTH-AURORA-V38	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



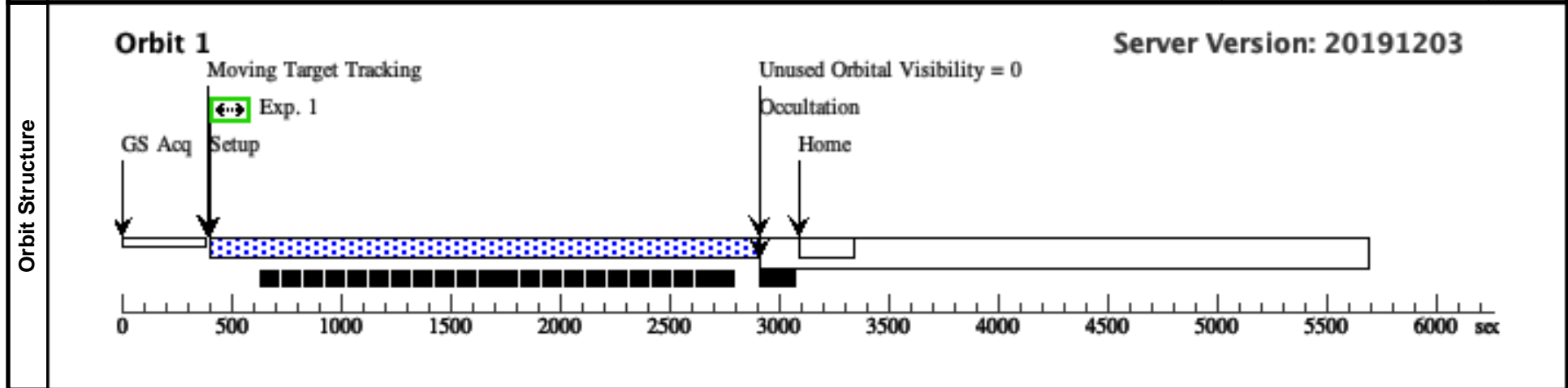
Proposal 15638 - PJ21 09 (39) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ21 09 (39), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 21-JUL-2019:09:30:00 AND 21-JUL-2019:11:30:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(39)	PJ21-NORTH-AURORA-V39	STD=JUPITER	TYPE=POS_ANGLE,RAD=24,ANG=10,REF=NORTH		NOT OCC OF PJ21-NORTH-AURORA-V39 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH	
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ21							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(39) PJ21-NORTH-AURORA-V39	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



Proposal 15638 - PJ22 01 (40) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

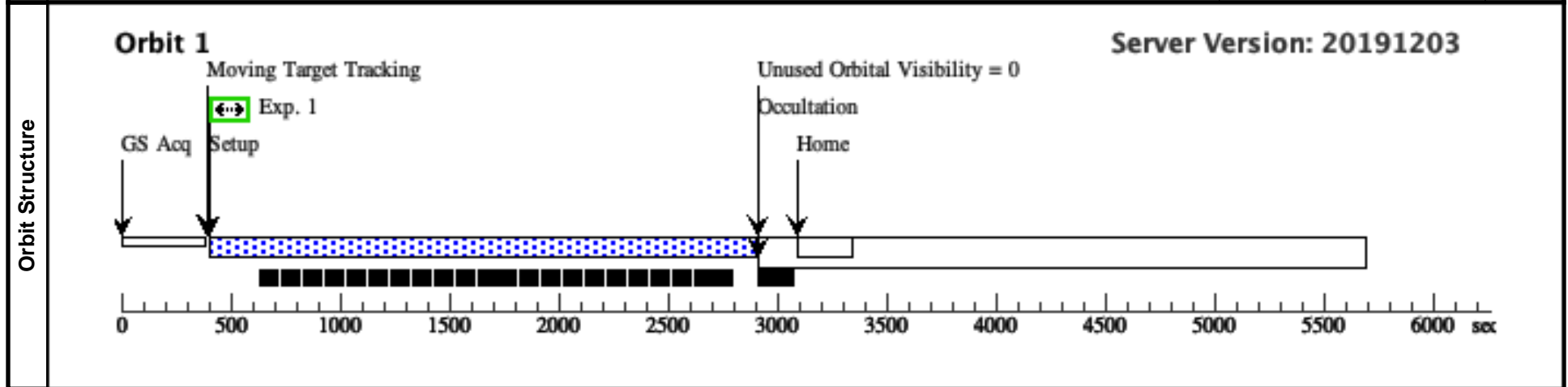
Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	Proposal 15638, PJ22 01 (40), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 04-SEP-2019:11:50:00 AND 04-SEP-2019:13:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(40)	PJ22-NORTH-AURORA-V40	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=6,REF=NORTH			NOT OCC OF PJ22-NORTH-AURORA-V40 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220

Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANG,RAD values.  
Description=JUPITER NORTH AURORA PJ22

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(40) PJ22-NORTH-AURORA-V40	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]



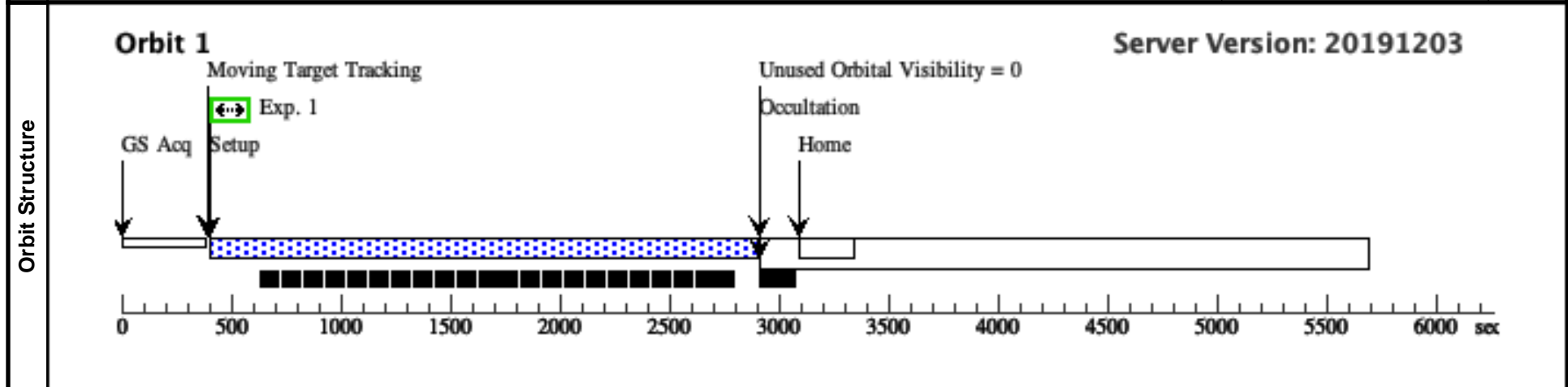
Proposal 15638 - PJ22 02 (41) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ22 02 (41), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 05-SEP-2019:07:00:00 AND 05-SEP-2019:08:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(41)	PJ22-NORTH-AURORA-V41	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=12,REF=NORTH			NOT OCC OF PJ22-NORTH-AURORA-V41 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ22							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(41) PJ22-NORTH-AURORA-V41	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



Proposal 15638 - PJ22 03 (42) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

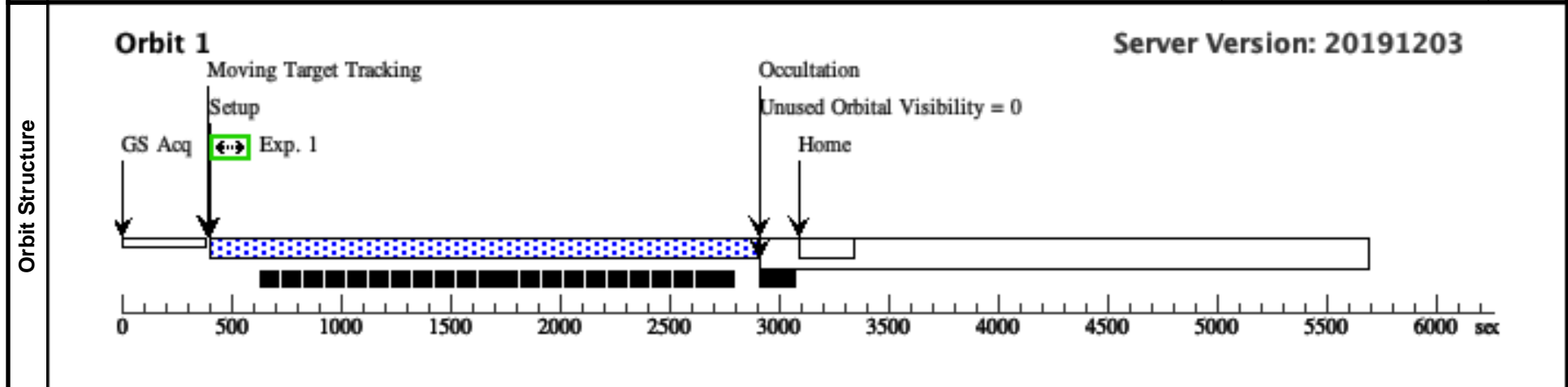
Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	Proposal 15638, PJ22 03 (42), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 07-SEP-2019:09:50:00 AND 07-SEP-2019:11:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(42)	PJ22-NORTH-AURORA-V42	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=5,REF=NORTH			NOT OCC OF PJ22-NORTH-AURORA-V42 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH

Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANG,RAD values.  
Description=JUPITER NORTH AURORA PJ22

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(42) PJ22-NORTH-AURORA-V42	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



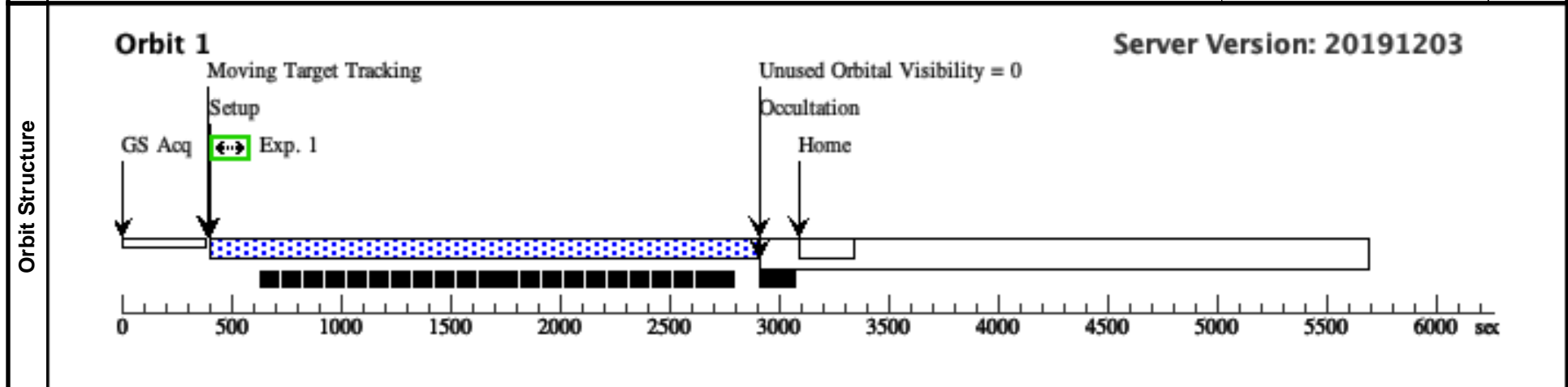
Proposal 15638 - PJ22 04 (43) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	Proposal 15638, PJ22 04 (43), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 08-SEP-2019:14:30:00 AND 08-SEP-2019:15:40:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(41)	PJ22-NORTH-AURORA-V41	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=12,REF=NORTH			NOT OCC OF PJ22-NORTH-AURORA-V41 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ22							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(41) PJ22-NORTH-AURORA-V41	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



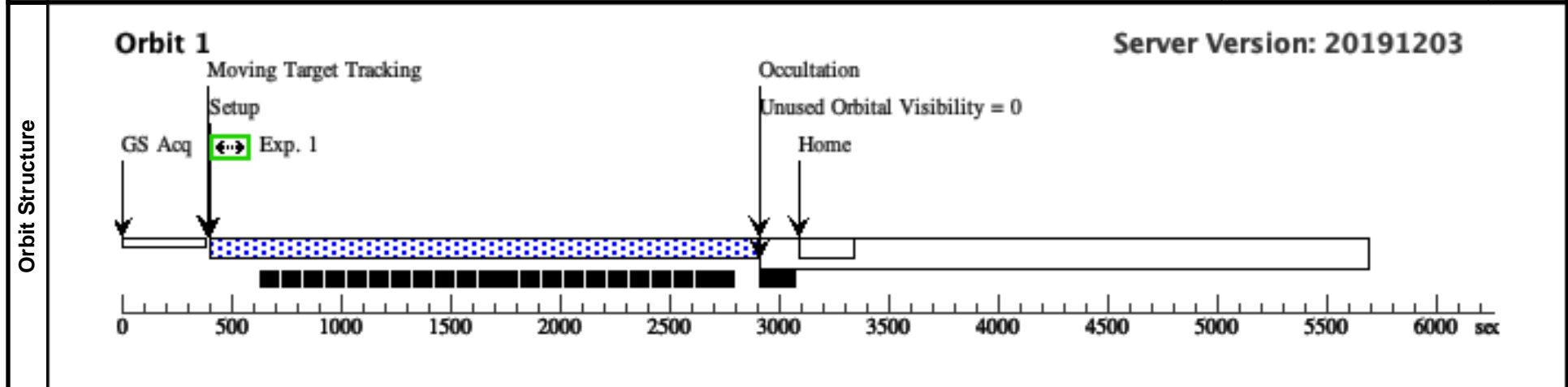
Proposal 15638 - PJ22 05 (44) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	Proposal 15638, PJ22 05 (44), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 08-SEP-2019:16:00:00 AND 08-SEP-2019:17:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(44)	PJ22-NORTH-AURORA-V44	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=0,REF=NORTH		NOT OCC OF PJ22-NORTH-AURORA-V44 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH	
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ22							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(44) PJ22-NORTH-AURORA-V44	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



Proposal 15638 - PJ22 06 (45) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

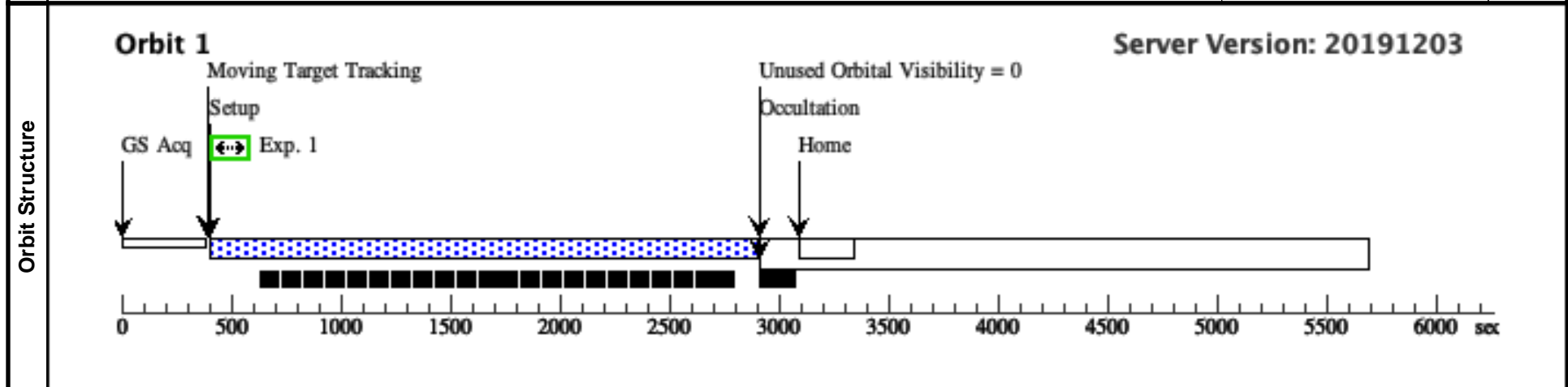
Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ22 06 (45), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 09-SEP-2019:11:00:00 AND 09-SEP-2019:12:15:00 Comments: Exact time will be determined with CS					

<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(42)	PJ22-NORTH-AURORA-V42	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=5,REF=NORTH			NOT OCC OF PJ22-NORTH-AURORA-V42 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220

Comments: It may be necessary to create a specific target for each visit with the appropriate POS\_ANGLE,RAD values.  
Description=JUPITER NORTH AURORA PJ22

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(42) PJ22-NORTH-AURORA-V42	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARIO BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]



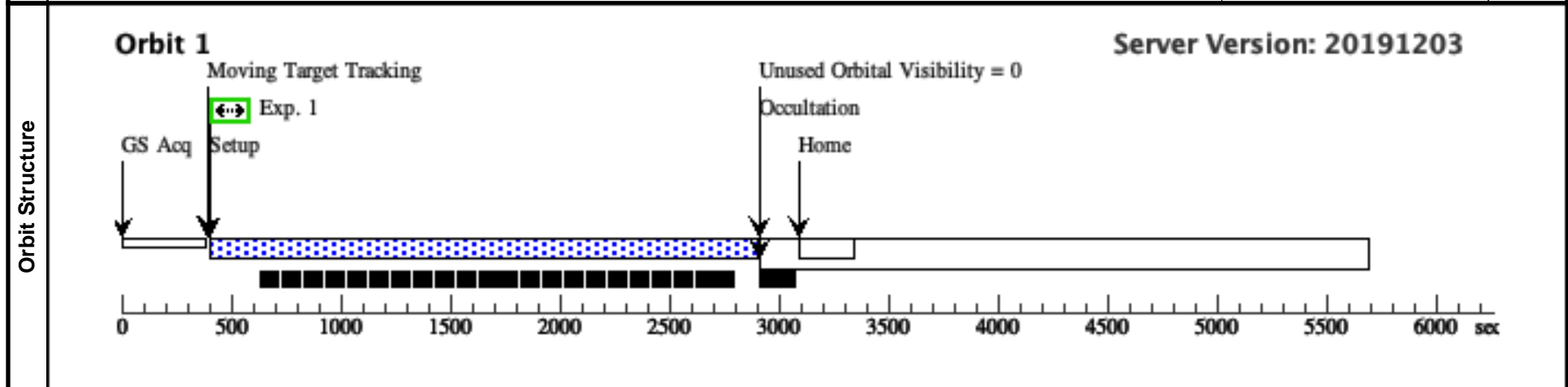
Proposal 15638 - PJ22 07 (46) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ22 07 (46), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 10-SEP-2019:04:30:00 AND 10-SEP-2019:06:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(46)	PJ22-SOUTH-AURORA-V46	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=195,REF=NORTH		NOT OCC OF PJ22-SOUTH-AURORA-V46 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 290 120	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER SOUTH AURORA PJ22							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.im.73 3411)	(46) PJ22-SOUTH-AURORA-V46	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]



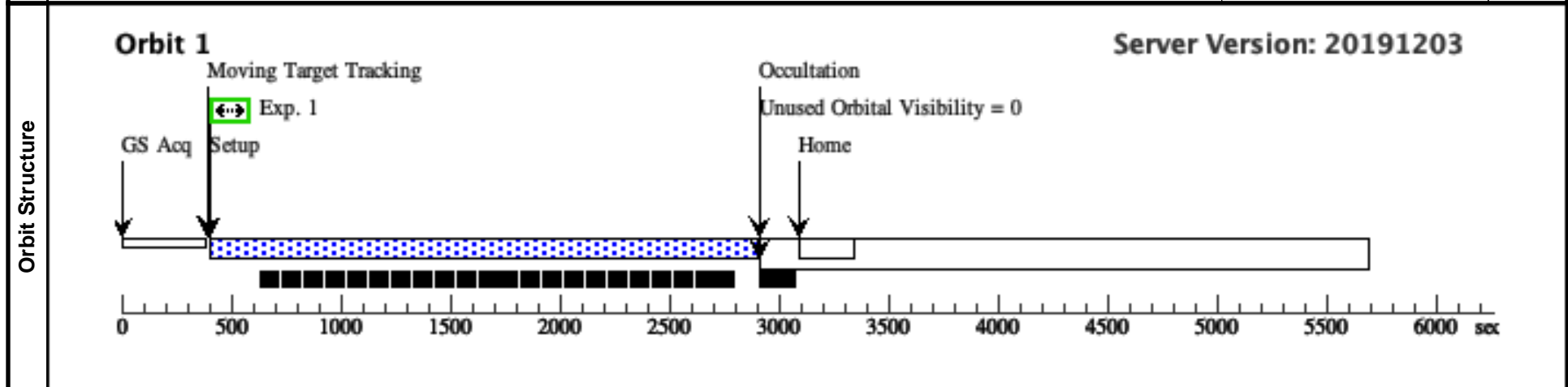
Proposal 15638 - PJ22 08 (47) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	Proposal 15638, PJ22 08 (47), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 10-SEP-2019:07:50:00 AND 10-SEP-2019:09:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(44)	PJ22-NORTH-AURORA-V44	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=0,REF=NORTH		NOT OCC OF PJ22-NORTH-AURORA-V44 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH	
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ22							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(44) PJ22-NORTH-AURORA-V44	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



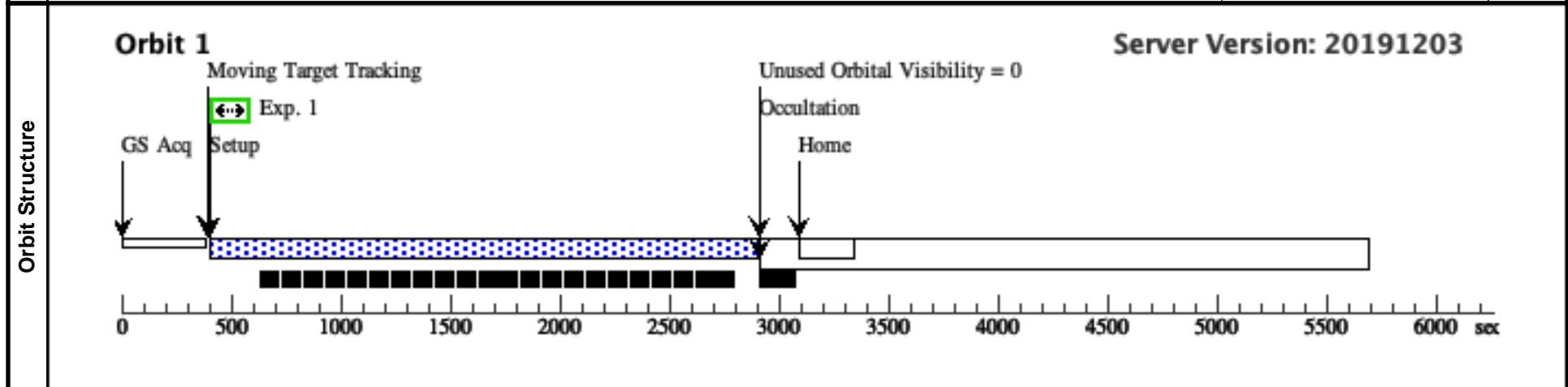
Proposal 15638 - PJ22 09 (48) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	Proposal 15638, PJ22 09 (48), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 12-SEP-2019:09:00:00 AND 12-SEP-2019:10:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(48)	PJ22-NORTH-AURORA-V48	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=7,REF=NORTH			NOT OCC OF PJ22-NORTH-AURORA-V48 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ22							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(48) PJ22-NORTH-AURORA-V48	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



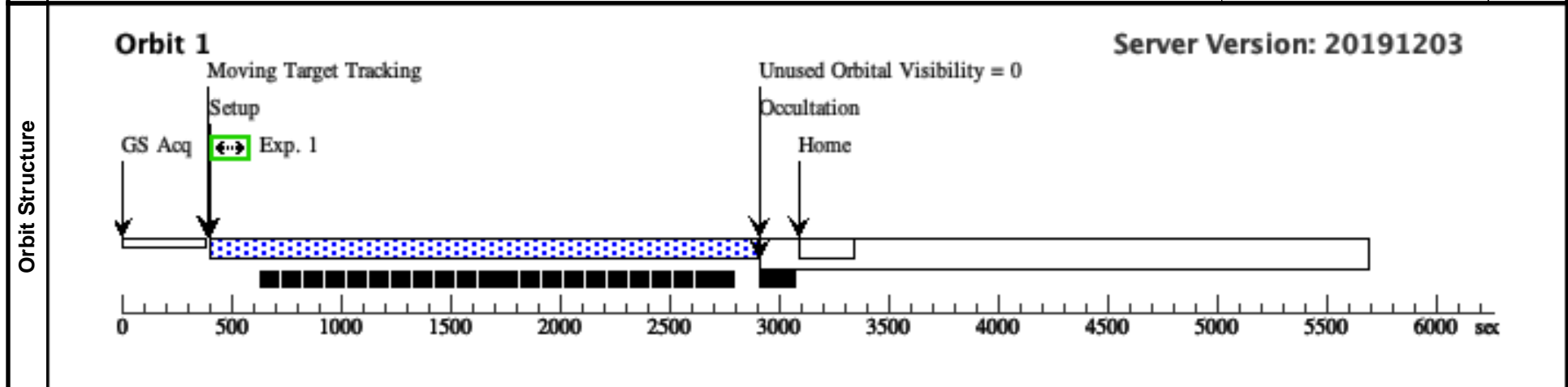
Proposal 15638 - PJ22 10 (49) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ22 10 (49), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 13-SEP-2019:04:00:00 AND 13-SEP-2019:05:15:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(49)	PJ22-NORTH-AURORA-V49	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=10,REF=NORTH		NOT OCC OF PJ22-NORTH-AURORA-V49 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH	
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ22							

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(49) PJ22-NORTH-AURORA-V49	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs]	[1]



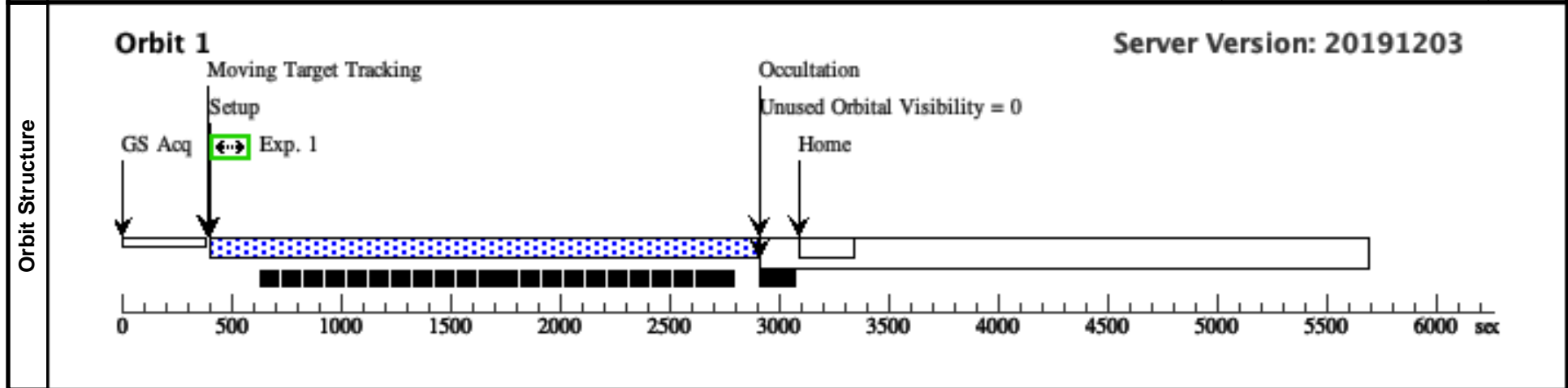
Proposal 15638 - PJ22 11 (50) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	Proposal 15638, PJ22 11 (50), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 13-SEP-2019:13:30:00 AND 13-SEP-2019:15:00:00 Comments: Exact time will be determined with CS					
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<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
(50)	PJ22-NORTH-AURORA-V50	STD=JUPITER	TYPE=POS_ANGLE,RAD=22,ANG=11,REF=NORTH			NOT OCC OF PJ22-NORTH-AURORA-V50 BY JUPITER FROM EARTH, CML OF JUPITER FROM EARTH BETWEEN 120 220	EARTH
Comments: It may be necessary to create a specific target for each visit with the appropriate POS_ANG,RAD values. Description=JUPITER NORTH AURORA PJ22							

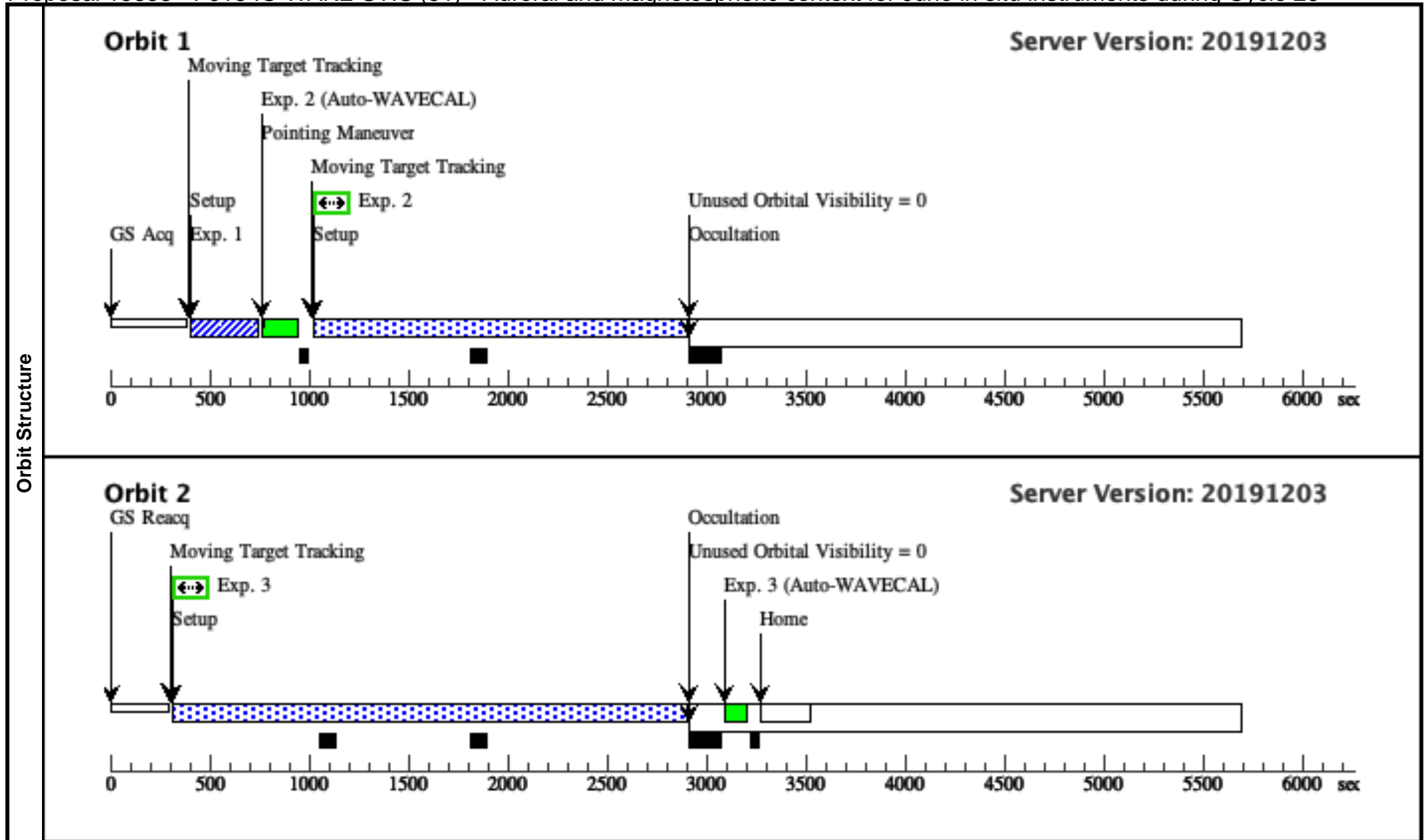
<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.im.73 3411)	(50) PJ22-NORTH-AURORA-V50	STIS/FUV-MAMA, TIME-TAG, F25SRF2	MIRROR	BUFFER-TIME=99	GS ACQ SCENARI O BASE1BE			2410 Secs (2350 Secs) [=>2350.0 Secs ]	[1]



Proposal 15638 - PJ18 IO WAKE STIS (51) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

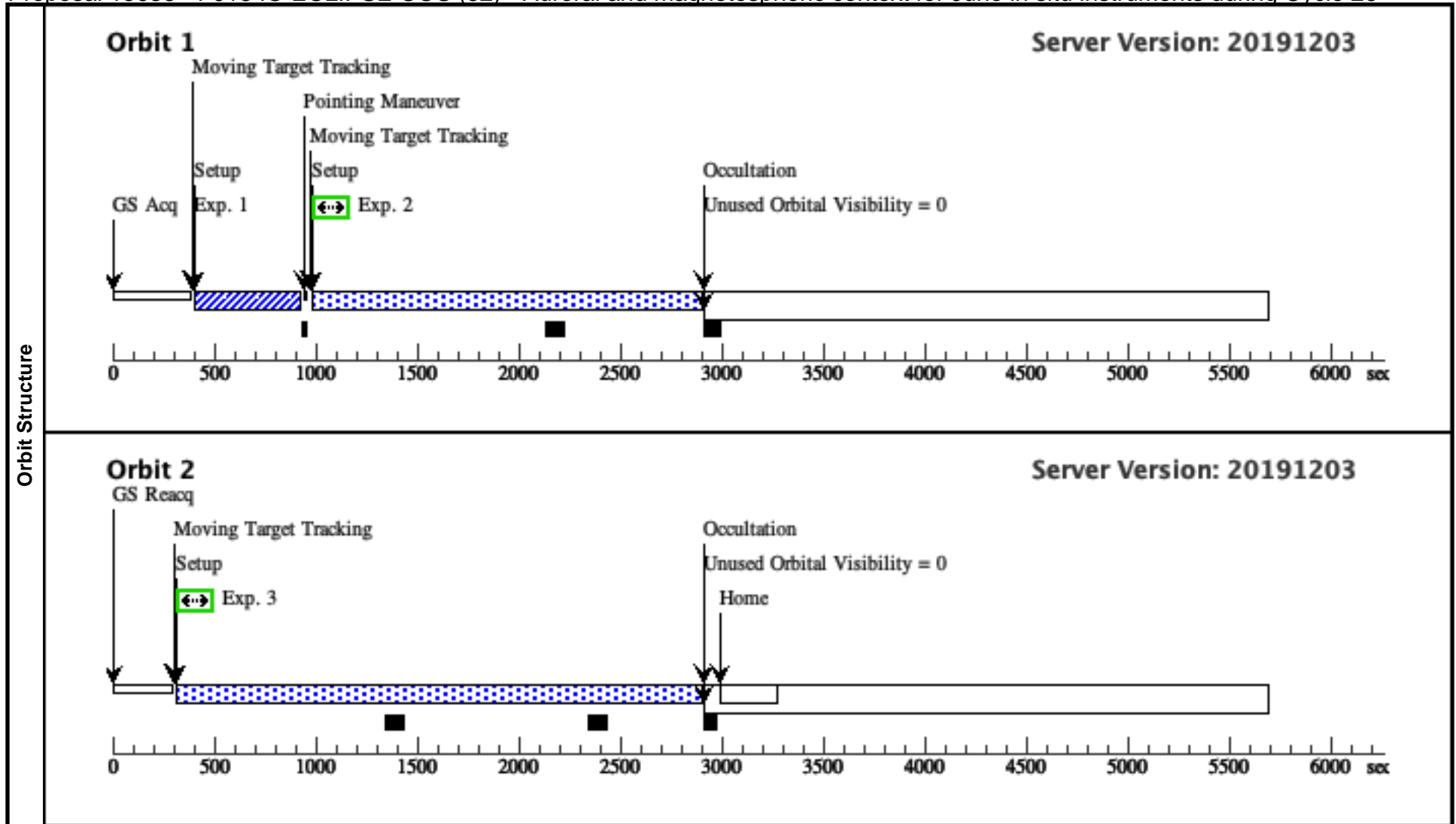
<b>Visit</b>	<b>Proposal 15638, PJ18 IO WAKE STIS (51), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 14-FEB-2019:21:30:00 AND 14-FEB-2019:22:30:00																																																									
	(Io wake 1 (51.002)) Warning (Form): Sensitive exposures should have an ETC run number provided. (Io wake 2 (51.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.																																																									
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<b>Solar System Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(113)</td> <td>PJ18-IO-WAKE</td> <td>STD=JUPITER</td> <td>STD=IO</td> <td></td> <td>NOT OCC OF PJ18-IO-WAKE BY JUPITER FROM EARTH, OLG OF IO FROM EARTH BETWEEN 70 110</td> <td>EARTH</td> </tr> </tbody> </table>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center	(113)	PJ18-IO-WAKE	STD=JUPITER	STD=IO		NOT OCC OF PJ18-IO-WAKE BY JUPITER FROM EARTH, OLG OF IO FROM EARTH BETWEEN 70 110	EARTH	Comments: Description=PJ18 IO WAKE Extended=YES																																										
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3	Io wake 2	(113) PJ18-IO-WAKE	STIS/FUV-MAMA, TIME-TAG, 52X2	G140L 1425 A	BUFFER-TIME=75 0			2400 Secs (2579 Secs) [==>2579.0 Secs]	[2]																																																	



Proposal 15638 - PJ18 IO ECLIPSE COS (52) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

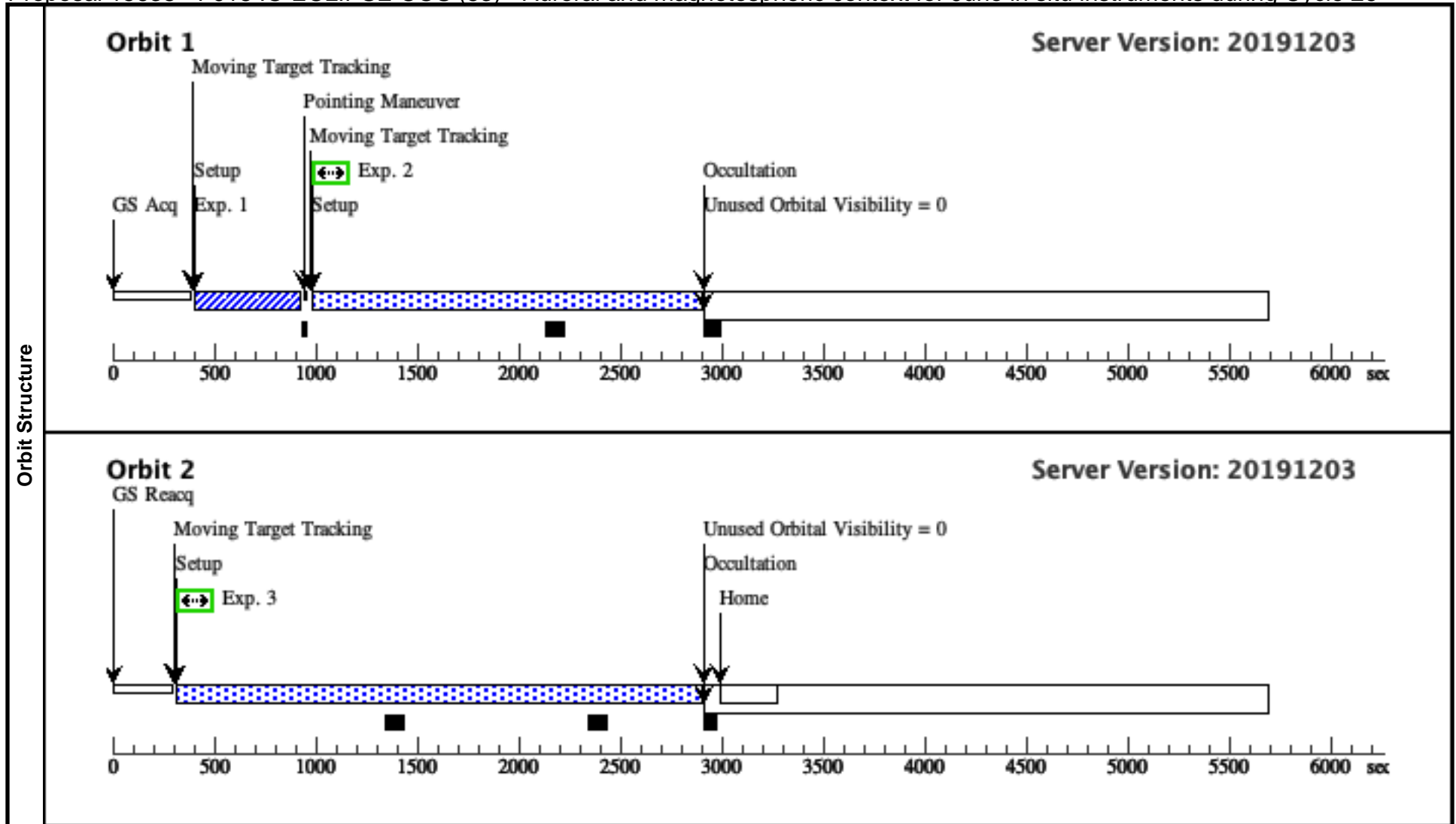
<b>Visit</b>	<b>Proposal 15638, PJ18 IO ECLIPSE COS (52), failed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 29-APR-2019:15:40:00 AND 29-APR-2019:16:40:00 <i>Comments: As of the April 8th HST ephemeris, the out-of-eclipse 1st sci exposure runs 04/29/2019 16:25:34 UTC to 16:57:50. Io enters penumbral eclipse at 17:41 and is into full shadow by 17:44. The in-eclipse 2nd sci exposure runs 17:42:53 to 18:26:11. At 18:33, Io's disk becomes partially occulted by Jupiter.</i>																																																																						
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Proposal 15638 - PJ18 IO ECLIPSE COS (53) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	<b>Proposal 15638, PJ18 IO ECLIPSE COS (53), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 2020.117:11:08:00 AND 2020.117:12:08:00 <i>Comments: As of the April 8th HST ephemeris, the out-of-eclipse 1st sci exposure runs 04/29/2019 16:25:34 UTC to 16:57:50. Io enters penumbral eclipse at 17:41 and is into full shadow by 17:44. The in-eclipse 2nd sci exposure runs 17:42:53 to 18:26:11. At 18:33, Io's disk becomes partially occulted by Jupiter.</i>																																																																																			
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2	Io Pre-Eclipse (COS.sp.1305099)	(114) PJ18-IO-ECLIPSE	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=1000	GS ACQ SCENARIO BASE1BE		1753 Secs (1753 Secs) [==>]	[1]																																																																											
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3	Io In Eclipse (COS.sp.1305099)	(114) PJ18-IO-ECLIPSE	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=1000			2130 Secs (2543 Secs) [==>2543.0 Secs ]	[2]																																																																											
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Proposal 15638 - Dark (D1) - Auroral and magnetospheric context for Juno in situ instruments during Cycle 26

Mon Feb 10 14:01:16 GMT 2020

<b>Visit</b>	<p><b>Proposal 15638, Dark (D1), completed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: STIS/FUV-MAMA</p> <p>Special Requirements: (none)</p> <p><i>Comments: This visit will be used to turn on the FUV MAMA for visit 28</i></p>																													
	<b>Diagnostics</b>	<p>(Dark (D1.001)) Error (Form): DEF is not a valid selection.</p> <p>(Dark (D1.001)) Error (Form): Illegal selection: DEF.</p> <p>(Dark (D1.001)) Error (Form): Target DARK is no longer a valid selection</p> <p>(Dark (D1.001)) Error (Form): This attribute is not allowed to have this value: Aperture = DEF It is an Available option and cannot normally be used in a GO proposal.</p> <p>(Dark (D1.001)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = DARK It is a Restricted option and can only be used in an engineering proposal.</p> <p>(Dark (D1.001)) Error (Form): This attribute is not allowed to have this value: Spectral_Element = DEF It is an Available option and cannot normally be used in a GO proposal.</p>																												
<b>Exposures</b>		<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dark</td> <td>DARK</td> <td>STIS/FUV-MAMA, TIME-TAG, DEF</td> <td>DEF</td> <td>BUFFER-TIME=65 0</td> <td></td> <td></td> <td>1300 Secs (1300 Secs) [==&gt;]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	Dark	DARK	STIS/FUV-MAMA, TIME-TAG, DEF	DEF	BUFFER-TIME=65 0			1300 Secs (1300 Secs) [==>]
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1	Dark	DARK	STIS/FUV-MAMA, TIME-TAG, DEF	DEF	BUFFER-TIME=65 0			1300 Secs (1300 Secs) [==>]	[1]																					
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20191203</b></span></p> <p>Unused Orbital Visibility = 3142</p> <p>Timeline labels: Exp. 1, Home, Occultation</p> <p>X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000 sec</p>																													