



# 16666 - A deep and complete characterization of the Vega debris and planetary system in scattered light

Cycle: 29, Proposal Category: GO

(Availability Mode: SUPPORTED)

## INVESTIGATORS

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## VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:19.0	yes
02	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:21.0	yes
03	(2) VEGA-PSF-ALF-CYG	STIS/CCD	1	30-Jan-2023 13:00:23.0	yes
04	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:26.0	yes

Proposal 16666 (STScI Edit Number: 11, Created: Monday, January 30, 2023 at 1:01:27 PM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
11	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:28.0	yes
12	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:30.0	yes
13	(2) VEGA-PSF-ALF-CYG	STIS/CCD	1	30-Jan-2023 13:00:33.0	yes
14	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:35.0	yes
15	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:37.0	yes
21	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:39.0	yes
22	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:42.0	yes
23	(5) PSF-ZET-AQL	STIS/CCD	1	30-Jan-2023 13:00:43.0	yes
24	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:45.0	yes
31	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:47.0	yes
32	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:49.0	yes
33	(4) PSF-DEL-CYG	STIS/CCD	1	30-Jan-2023 13:00:50.0	yes
34	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:52.0	yes
35	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:54.0	yes
41	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:56.0	yes
42	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:00:58.0	yes
43	(2) VEGA-PSF-ALF-CYG	STIS/CCD	1	30-Jan-2023 13:01:00.0	yes
44	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:01:02.0	yes
45	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:01:04.0	yes
51	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:01:06.0	yes
52	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:01:08.0	yes
53	(2) VEGA-PSF-ALF-CYG	STIS/CCD	1	30-Jan-2023 13:01:11.0	yes
54	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:01:13.0	yes
55	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:01:16.0	yes
61	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:01:18.0	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>
62	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:01:20.0	yes
63	(2) VEGA-PSF-ALF-CYG	STIS/CCD	1	30-Jan-2023 13:01:22.0	yes
64	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:01:25.0	yes
65	(1) VEGA	STIS/CCD	1	30-Jan-2023 13:01:27.0	yes

33 Total Orbits Used

## ABSTRACT

The discovery that exoplanetary systems are common has posed the overarching question of how closely they resemble the Solar System. Although we have learned of many cases with dramatic differences, this perspective may be more a product of selection effects than of the general population. Systems where we can achieve au (or even sub-au) resolution hold the keys to understanding exoplanetary system structure at the necessary scale. At 7.7 parsecs, Vega enables one of the highest spatial resolution imaging opportunities of all exoplanetary systems. For example, its Kuiper-belt analog ring located at  $\sim 120$  au is at an angular separation of  $16.9''$ , while its Asteroid-belt analog is at  $\sim 12$  au (corresponding to  $1.6''$ ). Giant and ice-giant planets will also likely be outward of 30 au ( $\sim 4''$ ) from the central star. At these angular distances, the STIS coronagraph has excellent imaging contrast. Furthermore, the luminous host star provides ample flux at optical wavelengths for the dust and planetary bodies in the system to scatter. Despite these attributes, the Vega disk has never been imaged with HST, and attempts to image its planets in scattered light integrated only deep enough to detect planets with radii above  $3.6 R_{\text{Jupiter}}$  (at which sizes gas giants are not expected to exist). We propose a single heritage HST program that will provide a deep and complete characterization of the Vega debris and planetary system. Our program is designed to image the disk components and any Jupiter analogs outward of 30 au, assuming conservative albedo values. Our HST observations will complement JWST GTO Cycle 1 observations of the system with NIRCcam and MIRI and existing ALMA observations.

## OBSERVING DESCRIPTION

We will obtain ultra-deep STIS PSF-template subtracted coronagraphic images of the Vega system. Ironically, the very properties that make the Vega disk uniquely important also make it uniquely challenging to observe: the disk is large, face-on (so scattering will be inefficient, and (from the ALMA image; Matra et al. 2020) likely to be very extended and of low surface brightness. Our ultra-deep observations will use the widest wedge position available, the WB2.8 location of the 50CORON coronagraphic mask of the 50CCD detector, with minimal but intentional saturation of the inner core. Luckily, the extensive STIS observations of the Fomalhaut system allow characterizing the various noise properties of the detector

Proposal 16666 (STScI Edit Number: 11, Created: Monday, January 30, 2023 at 1:01:27 PM Eastern Standard Time) - Overview and its coronagraphic performance on a similar star. STIS GO programs 11818, 12576, 13037, and 13726 observed Fomalhaut for a total integration time of 27402 seconds. We reduced and combined all of the images taken within these programs, which were carried out identically at WedgeB2.5. This combined dataset pushes the STIS coronagraphic system close to its theoretical contrast limits (a 5-sigma contrast of  $2e-11$  near the debris ring). The combined data have yielded a spectacular image of the Fomalhaut ring, nearly artifact-free at the radii of interest for our Vega imaging (i.e., beyond half way to the ansae of the Fomalhaut ring: <https://hubblesite.org/image/4625>). From this analysis, plus the necessity of multiple roll angles, we have determined that we need to observe Vega and its PSF calibrator, alpha Cyg (or alpha Lac), using a total of 32 single orbit visits, separated into seven orbit sets (3x4 orbits and then 4x5 orbits), allowing for FULL roll coverage and providing optimal input to our PCA analysis. Within each set, the third orbit is used to observe the PSF star, and the rest for Vega. The orbits within each set must be executed in sequential, contiguous orbits (i.e., back to back with no interruptions except Earth occultation), to ensure PSF stability. The multi-roll technique has been proven in multiple HST programs (e.g. GO12228) to be superior to all other tried methods (Schneider et al. 2014), as the high number of roll dithers reduce systematic errors and image artifacts apart from also providing a full 360 degree imaging coverage of the target region. The target visits in each set are at relative orientations from nominal roll, with 10 degree steps (e.g.: -20 degrees, -10 degrees, 0 degrees, 10 degrees). The PSF template star is relatively close in the sky (23 degree) to Vega, minimizing variations in the PSF due to thermal instability of the OTA. As a result, we anticipate that with scheduling of the science orbits in each set at nominal roll, the PSF calibration star will also be at or close to its nominal roll and usually these two orbits will naturally without constraints have nearly the same celestial orientation angle. Subsequent visit sets should be identical to the first, but at different relative nominal orientation for each set. Nominally, each set should be scheduled at an increasing orientation angle relative orientation from the first set. We require no special orientations. The individual visits will consist of the following sequence:

1. On-board autonomous target acquisition using the F25ND5 filter (S/N of 100).
2. Placing the target to its desired coronagraphic locations
3. Taking science exposures at the desired locations.

Note to our PC: initially we had planned for four sets of visits of 8 orbits each, but we understand that this would be challenging to schedule so we have increased this to seven sets of visits. Ultimately, we want to maximize the integration time on our science target, Vega, but also require a contiguous PSF reference. We believe our plan of seven sets including three sets of four orbit visits (3 science, 1 PSF) and four sets of five orbits (4 science, 1 PSF) is the best compromise. We would like to conduct the four orbit sets first, to inform any changes in observing strategy.

Exposure Times:

The STIS ETC does not inform on exposure times in coronagraphic mode, therefore we estimate exposure times based on various previous STIS programs (e.g. GO 13726). Our WEDGE2.8 exposures will intentionally saturate. We base our program on the GO 13726 program observations, where Vega was used as a PSF source. For observations taken at a slightly smaller WEDGE2.5 location, 10 second exposures did saturate, but resulted in a useful inner working angle of 4 arcseconds, which is adequate for our science goals of spatially resolving the disk morphology for Vega's Kuiper Belt analog.

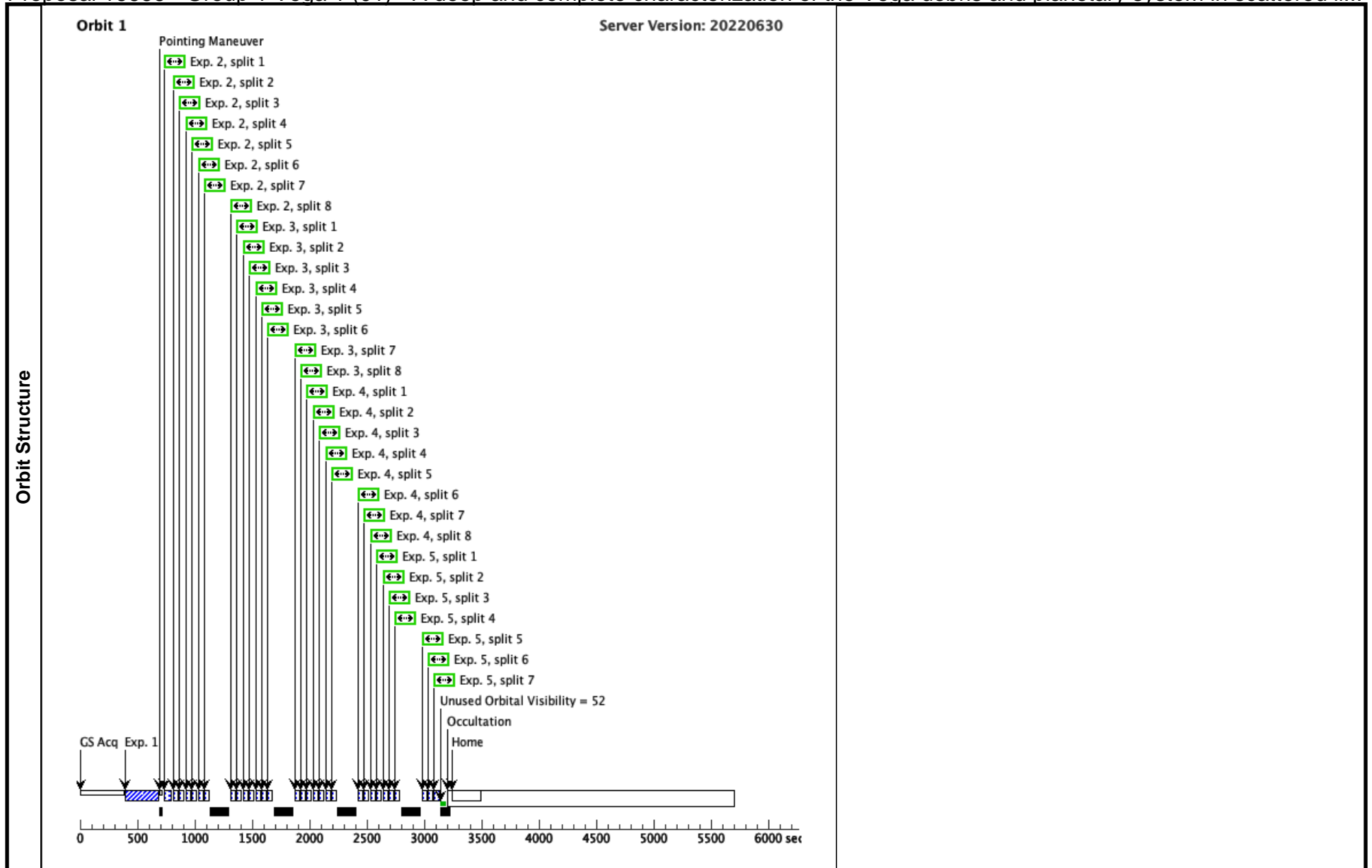
Note to our PC: For each visit with a relative orient range we PREFER whenever possible to have the visit scheduled at the mid-range (but allow +/-5 deg relative offset tolerance if not possible). Sequential visits should not be scheduled to overlap in orientation angles at their extrema.

Proposal 16666 - Group 1 Vega 1 (01) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 1 Vega 1 (01), scheduling</b> <span style="float: right;">Mon Jan 30 18:01:28 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 297D TO 297 D					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 1 Vega 1 (01) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]

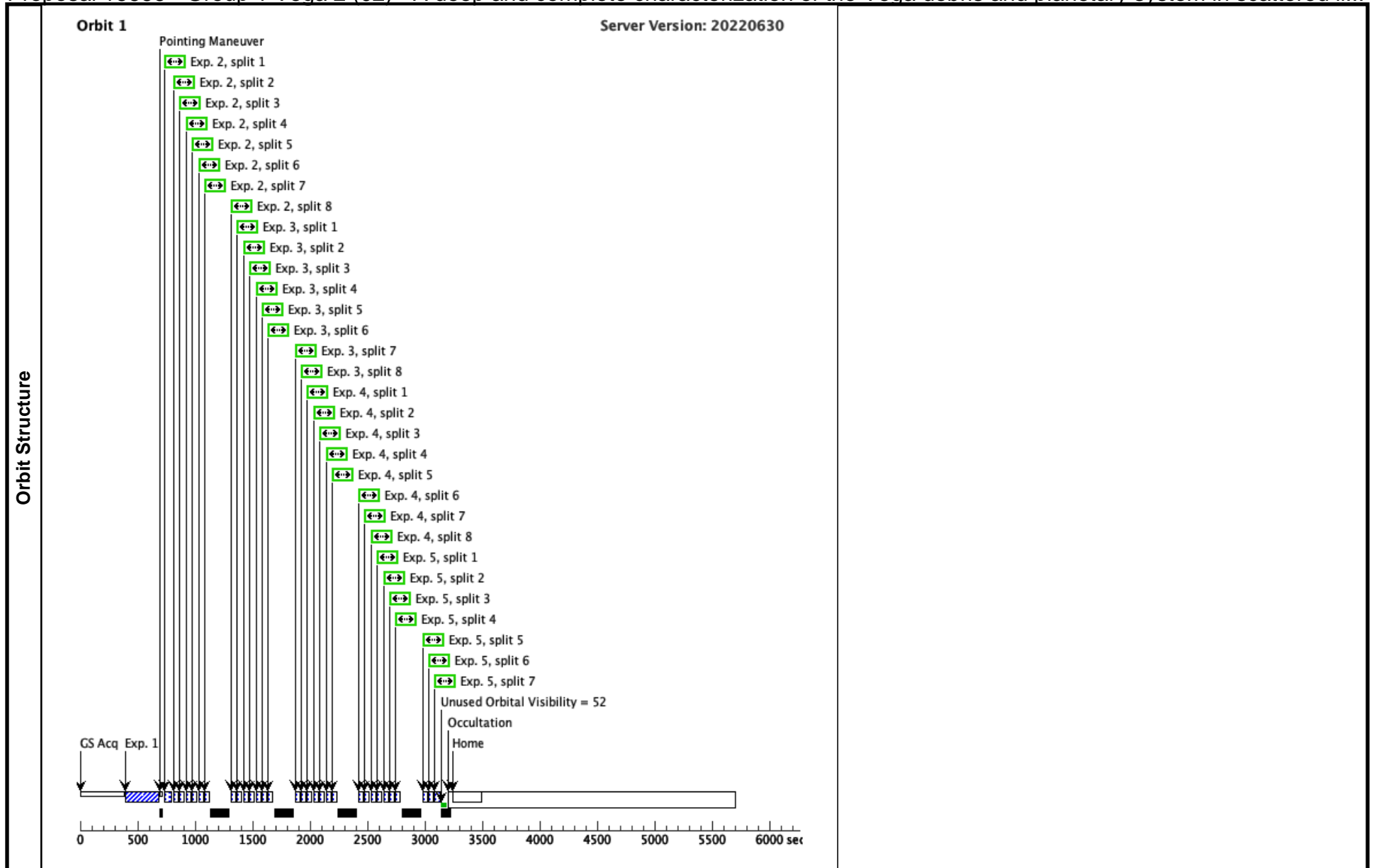


Proposal 16666 - Group 1 Vega 2 (02) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 1 Vega 2 (02), scheduling</b> <span style="float: right;">Mon Jan 30 18:01:28 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +3D TO +5D FROM 01; AFTER 01 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 1 Vega 2 (02) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

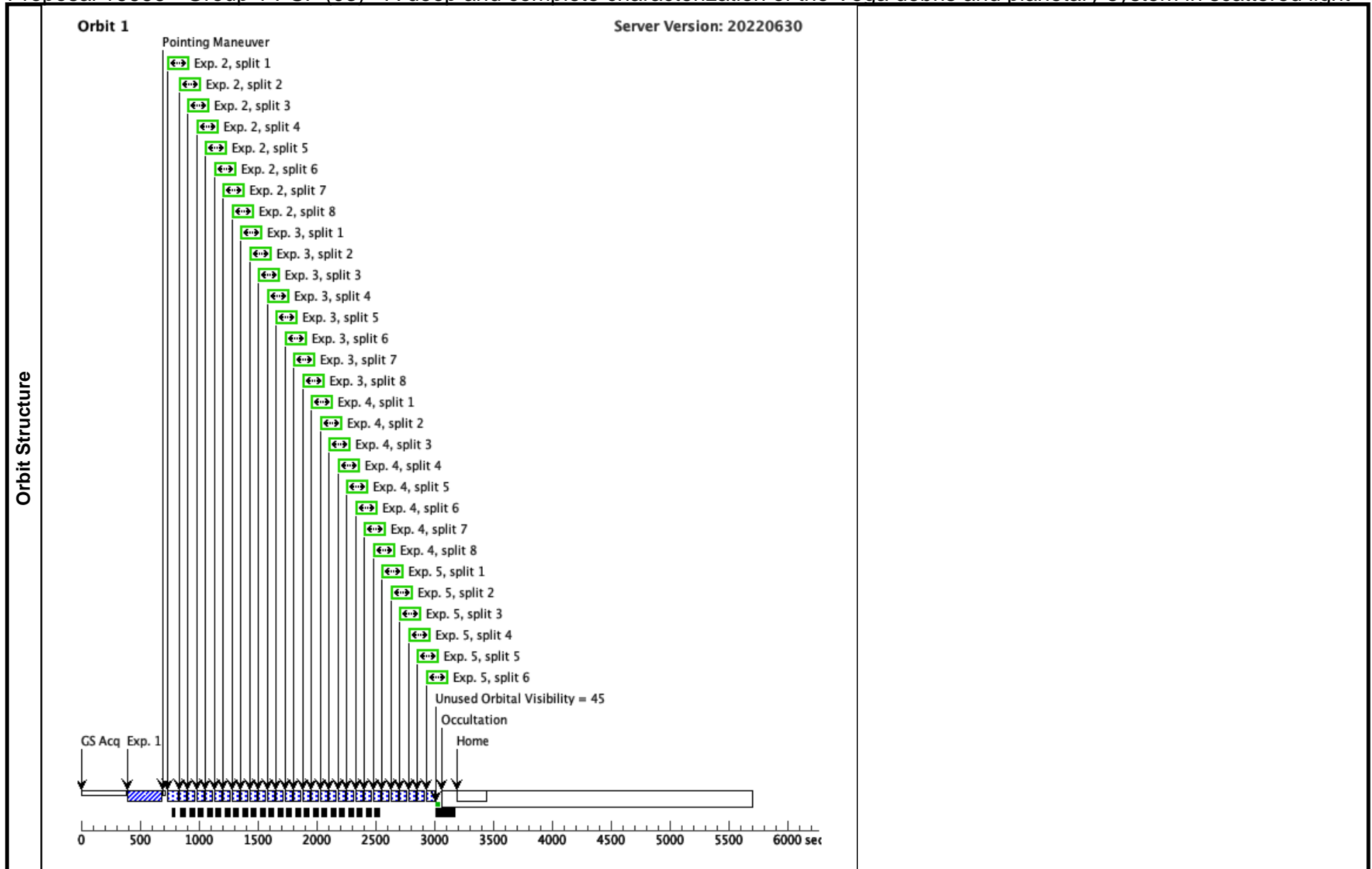


Proposal 16666 - Group 1 PSF (03) - A deep and complete characterization of the Vega debris and planetary system in scattered light

<b>Visit</b>	<b>Proposal 16666, Group 1 PSF (03), scheduling</b> <span style="float: right;">Mon Jan 30 18:01:28 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 80%; AFTER 02 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(2)		VEGA-PSF-ALF-CYG	RA: 20 41 25.9181 (310.3579921d) Dec: +45 16 49.25 (45.28035d) Equinox: J2000	Proper Motion RA: 1.9043870499366652E-4 sec of time/yr Proper Motion Dec: 0.0018499999999999999 arcsec/yr Epoch of Position: 2015.5	V=1.25	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 III-I]						

Proposal 16666 - Group 1 PSF (03) - A deep and complete characterization of the Vega debris and planetary system in scattered light

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2		(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3		(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs)	
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4		(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5		(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=6; GAIN=4			184.8 Secs (184.8 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	

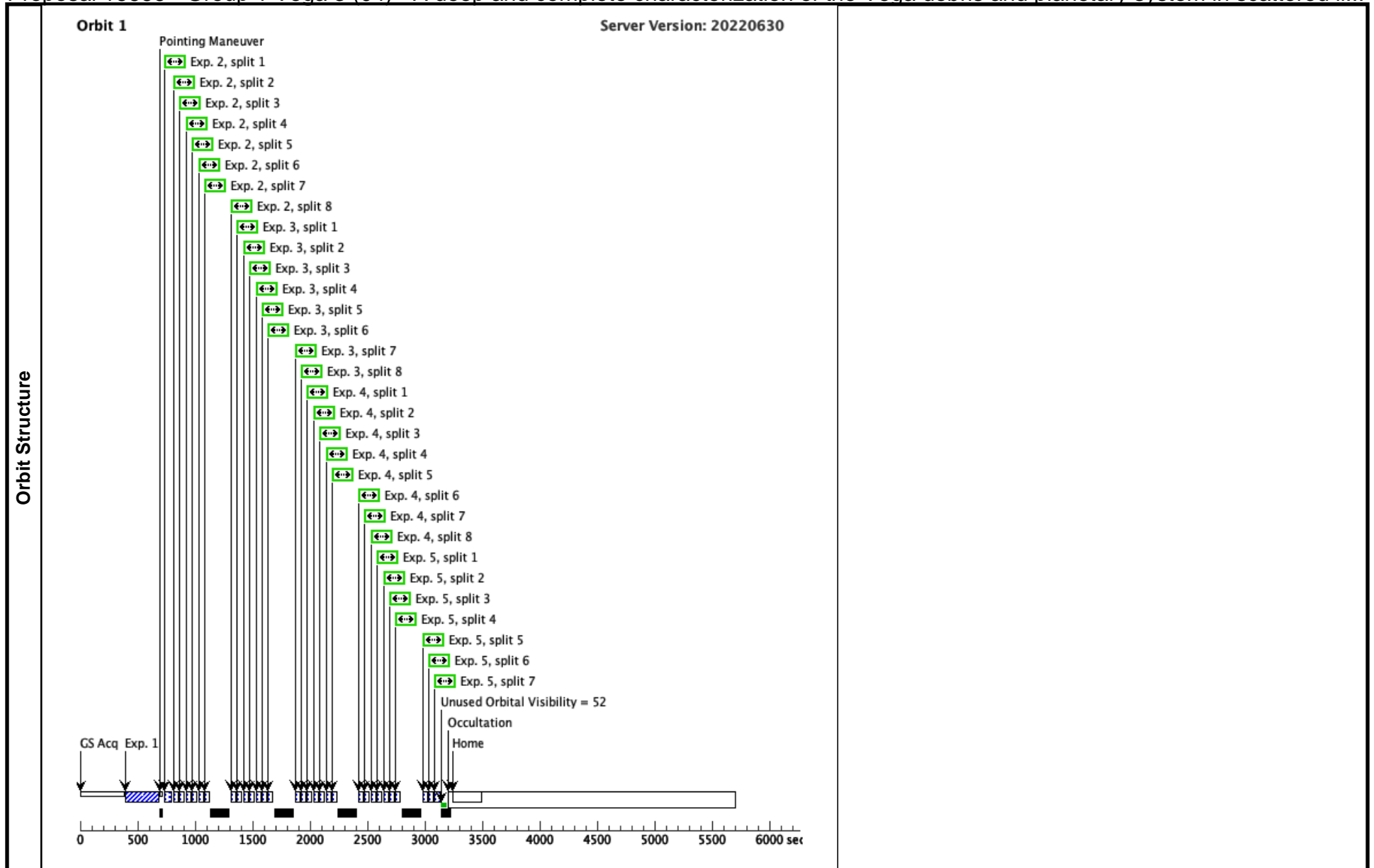


Proposal 16666 - Group 1 Vega 3 (04) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 1 Vega 3 (04), scheduling</b> <span style="float: right;">Mon Jan 30 18:01:28 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +9.0D TO +10D FROM 01; AFTER 03 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 1 Vega 3 (04) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]

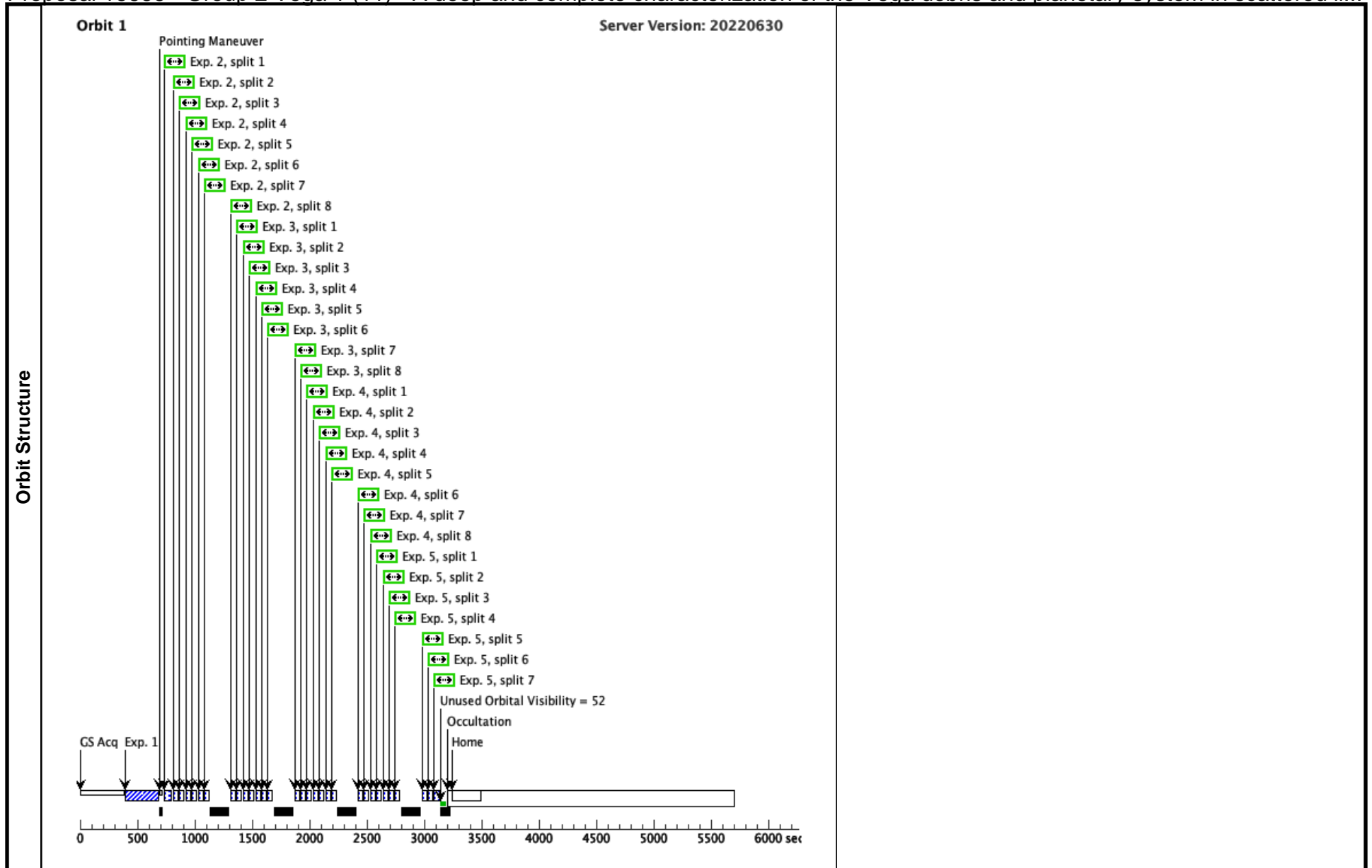


Proposal 16666 - Group 2 Vega 1 (11) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 2 Vega 1 (11), completed</b> <span style="float: right;">Mon Jan 30 18:01:28 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 357.25D TO 37.25 D; AFTER 12 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 2 Vega 1 (11) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA		STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

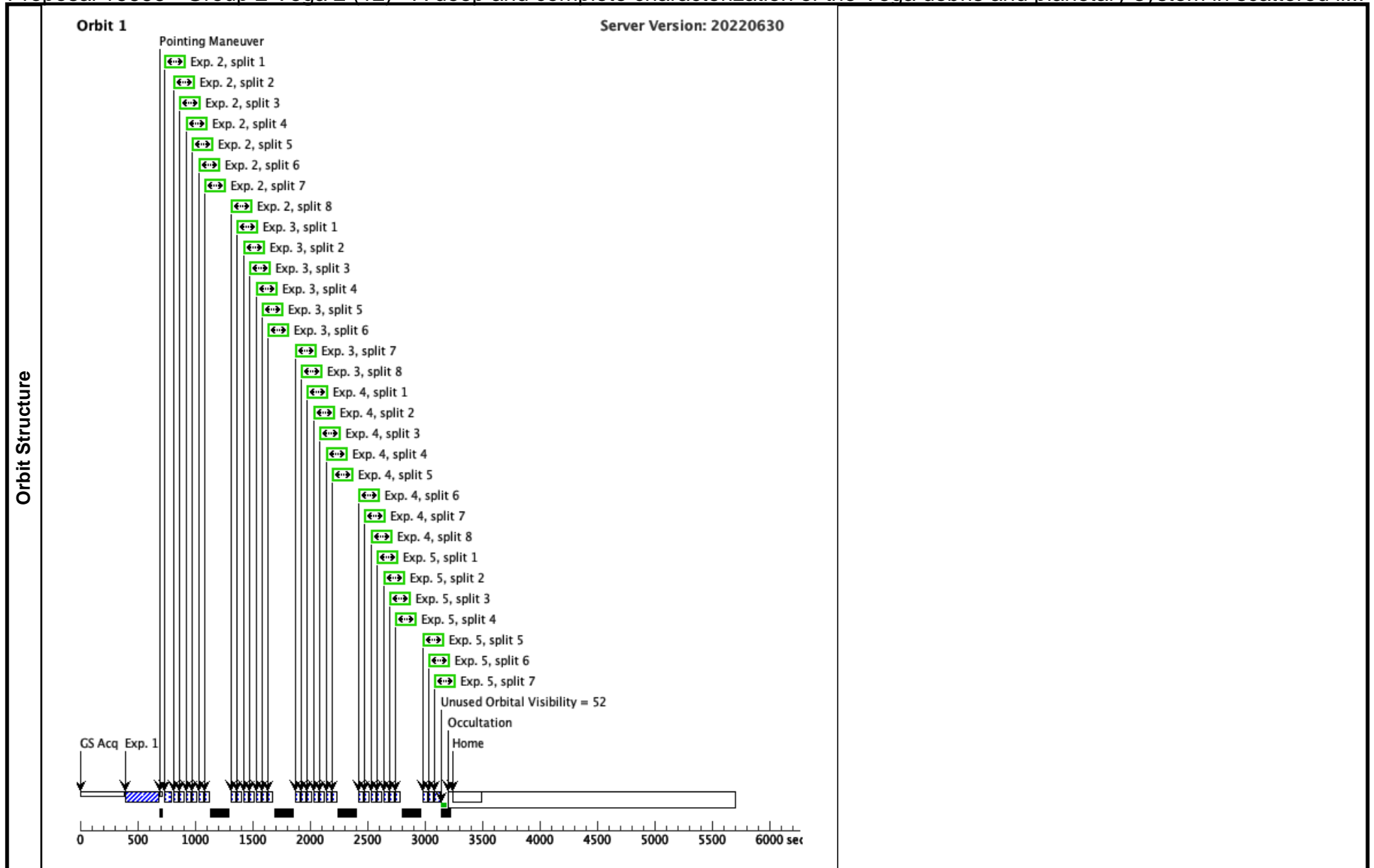


Proposal 16666 - Group 2 Vega 2 (12) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 2 Vega 2 (12), completed</b> <span style="float: right;">Mon Jan 30 18:01:28 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +3D TO +5D FROM 11; AFTER 13 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 2 Vega 2 (12) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]

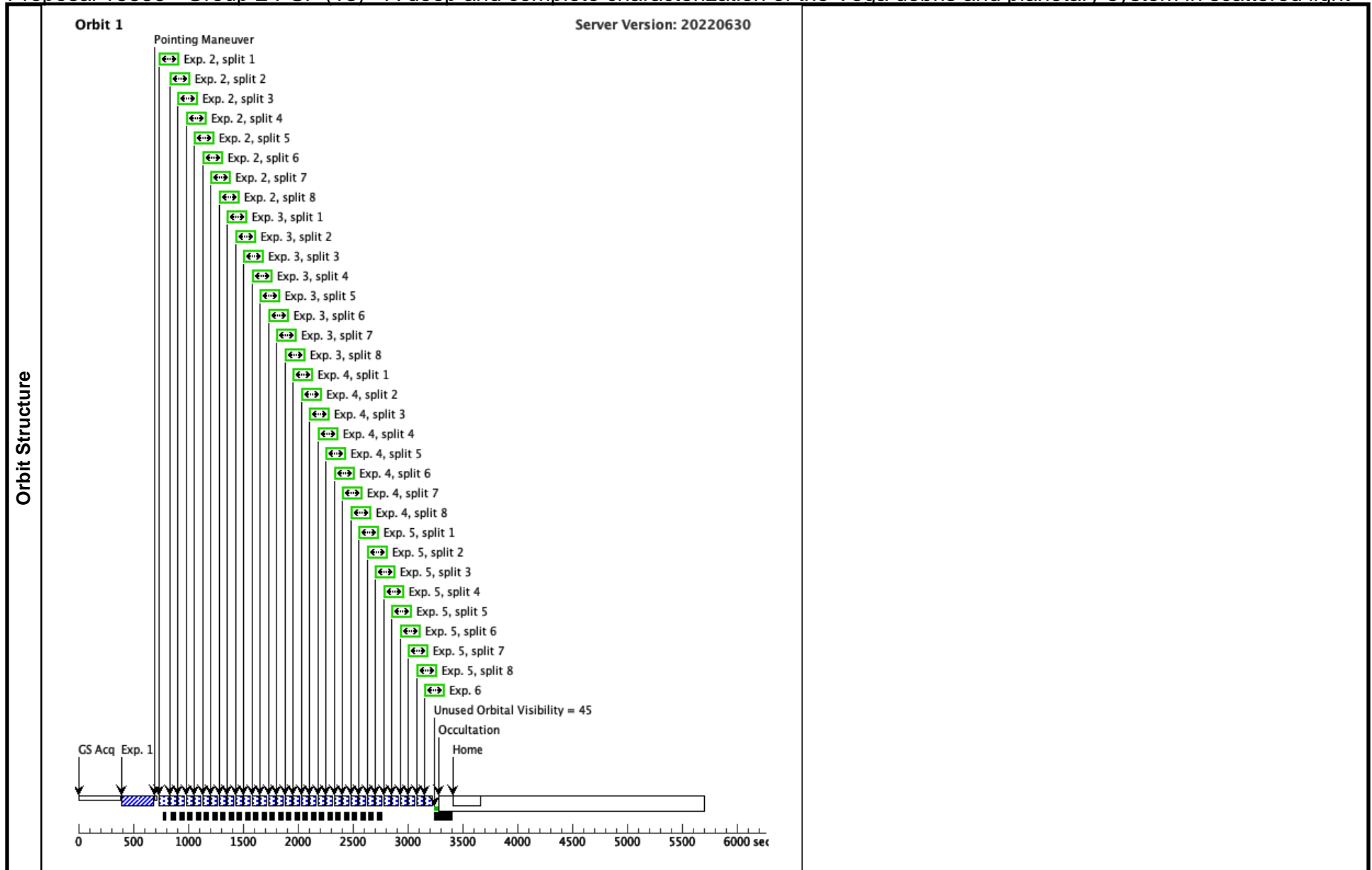


Proposal 16666 - Group 2 PSF (13) - A deep and complete characterization of the Vega debris and planetary system in scattered light

<b>Visit</b>	<b>Proposal 16666, Group 2 PSF (13), completed</b> <span style="float: right;">Mon Jan 30 18:01:28 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; AFTER 14 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(2)		VEGA-PSF-ALF-CYG	RA: 20 41 25.9181 (310.3579921d) Dec: +45 16 49.25 (45.28035d) Equinox: J2000	Proper Motion RA: 1.9043870499366652E-4 sec of time/yr Proper Motion Dec: 0.0018499999999999999 arcsec/yr Epoch of Position: 2015.5	V=1.25	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 III-I]						

Proposal 16666 - Group 2 PSF (13) - A deep and complete characterization of the Vega debris and planetary system in scattered light

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	6	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=NO; GAIN=4			30.8 Secs (30.8 Secs) [==>]	[1]

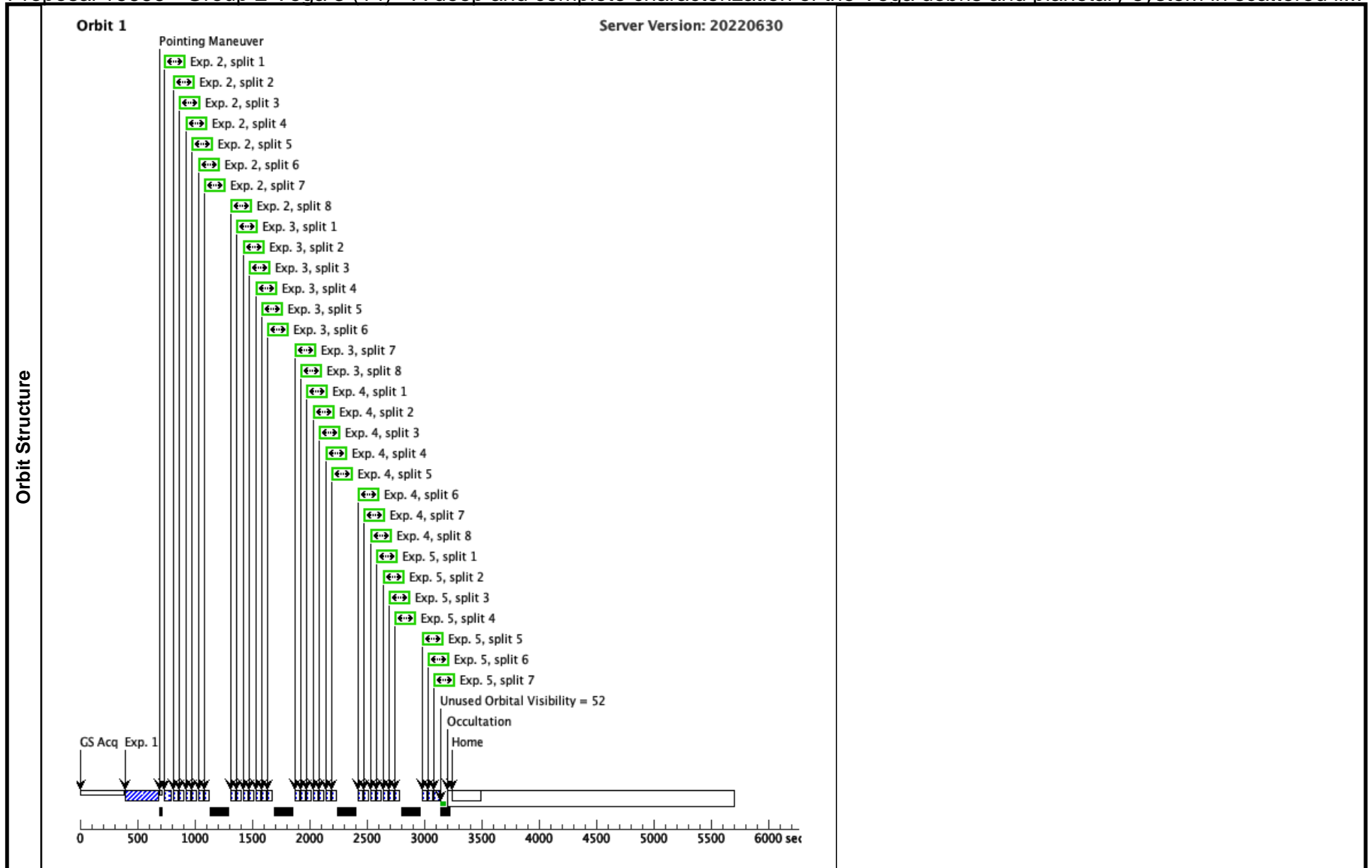


Proposal 16666 - Group 2 Vega 3 (14) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 2 Vega 3 (14), completed</b> <span style="float: right;">Mon Jan 30 18:01:28 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +9.5D TO +10D FROM 11; AFTER 15 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 2 Vega 3 (14) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

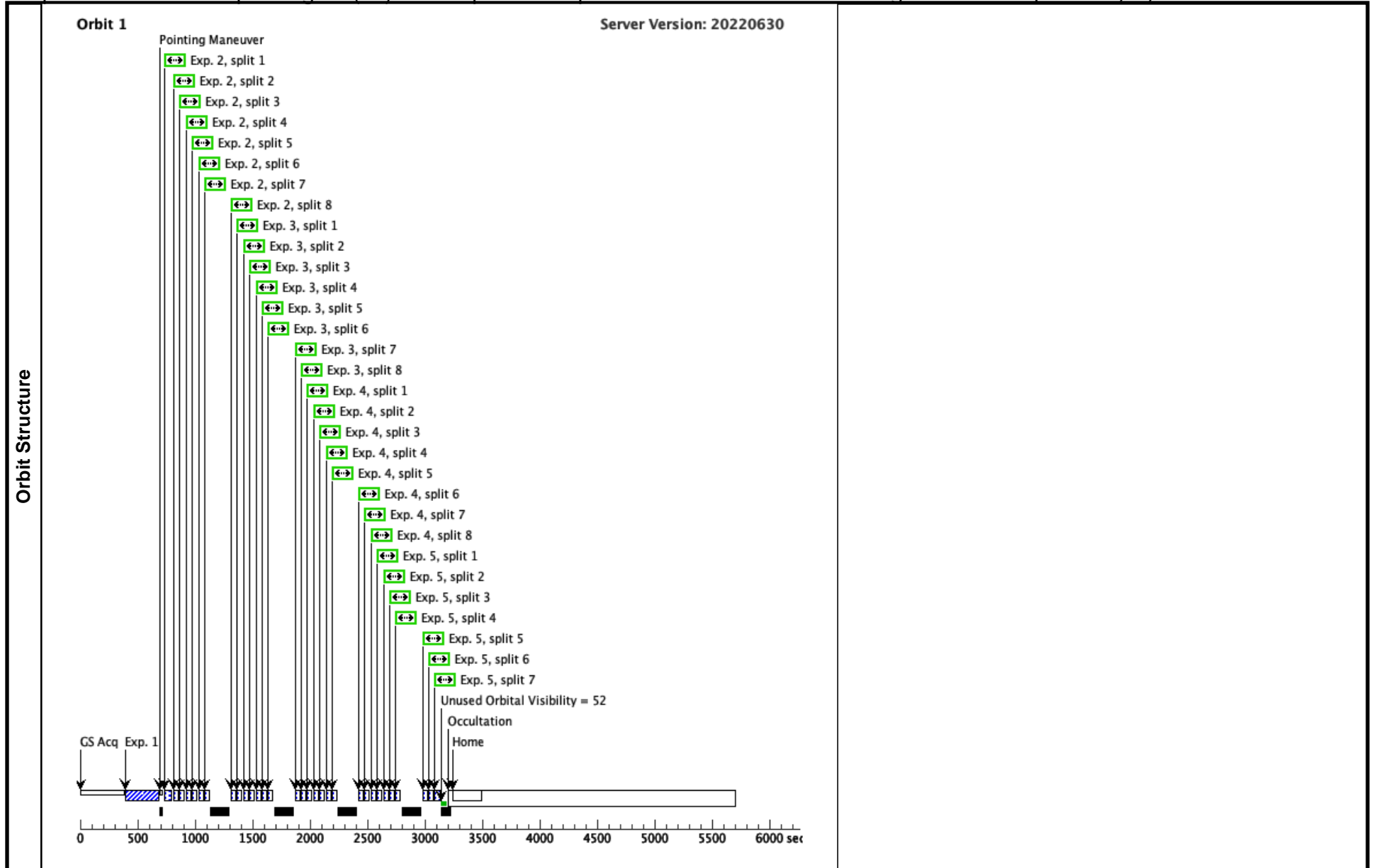


Proposal 16666 - Group 3 Vega 1 (15) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 3 Vega 1 (15), completed</b> <span style="float: right;">Mon Jan 30 18:01:28 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 7.5D TO 8.5D FROM 11 <i>Comments: HOPR repeat of visit 21</i>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 3 Vega 1 (15) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA		STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

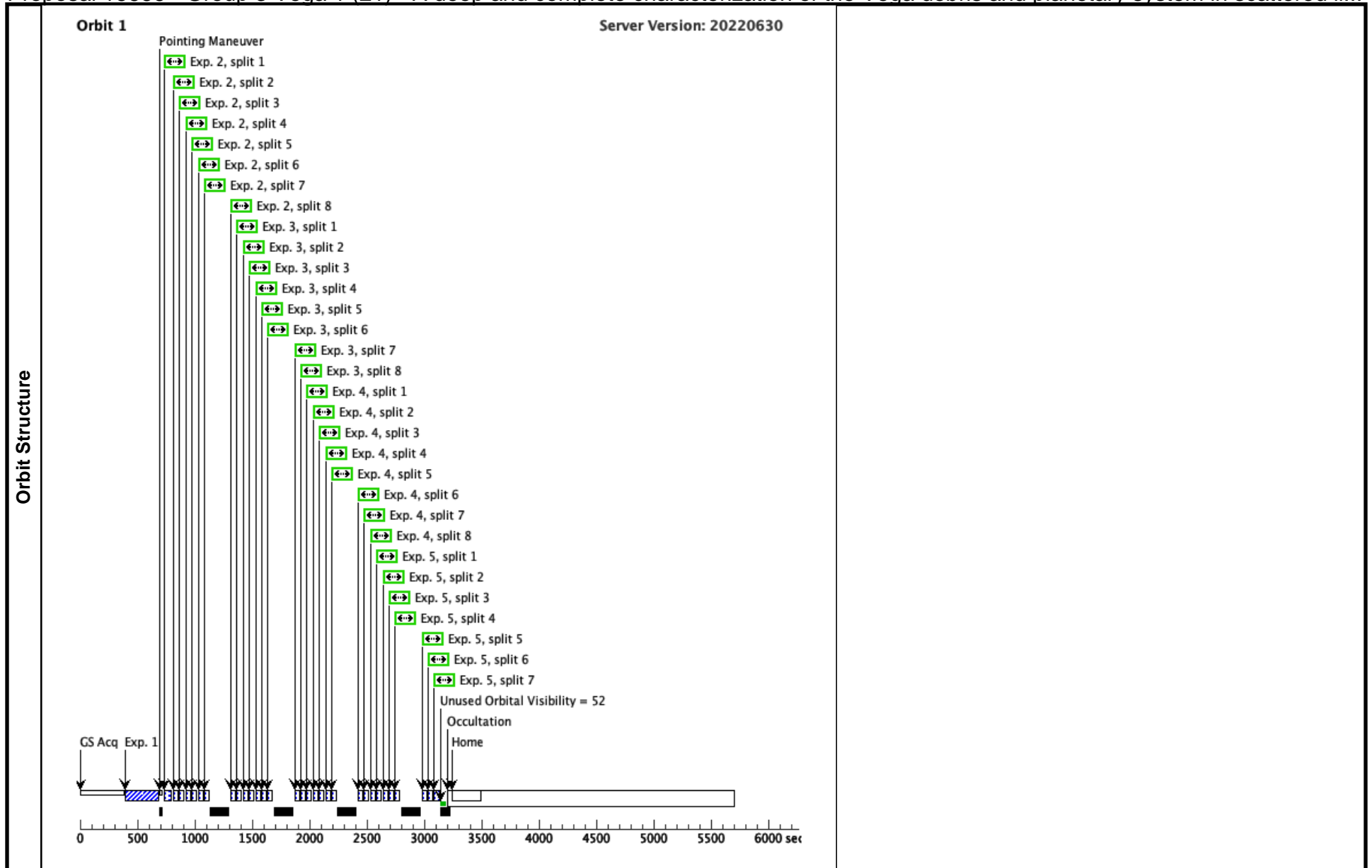


Proposal 16666 - Group 3 Vega 1 (21) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 3 Vega 1 (21), failed</b> <span style="float: right;">Mon Jan 30 18:01:28 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 39.5D TO 87.25 D					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 3 Vega 1 (21) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(1) VEGA	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR					0.1 Secs (0.1 Secs)	
										[==>]	[1]
	2	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4				80 Secs (80 Secs)	
										[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4				80 Secs (80 Secs)		
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4				80 Secs (80 Secs)		
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4				70 Secs (70 Secs)		
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

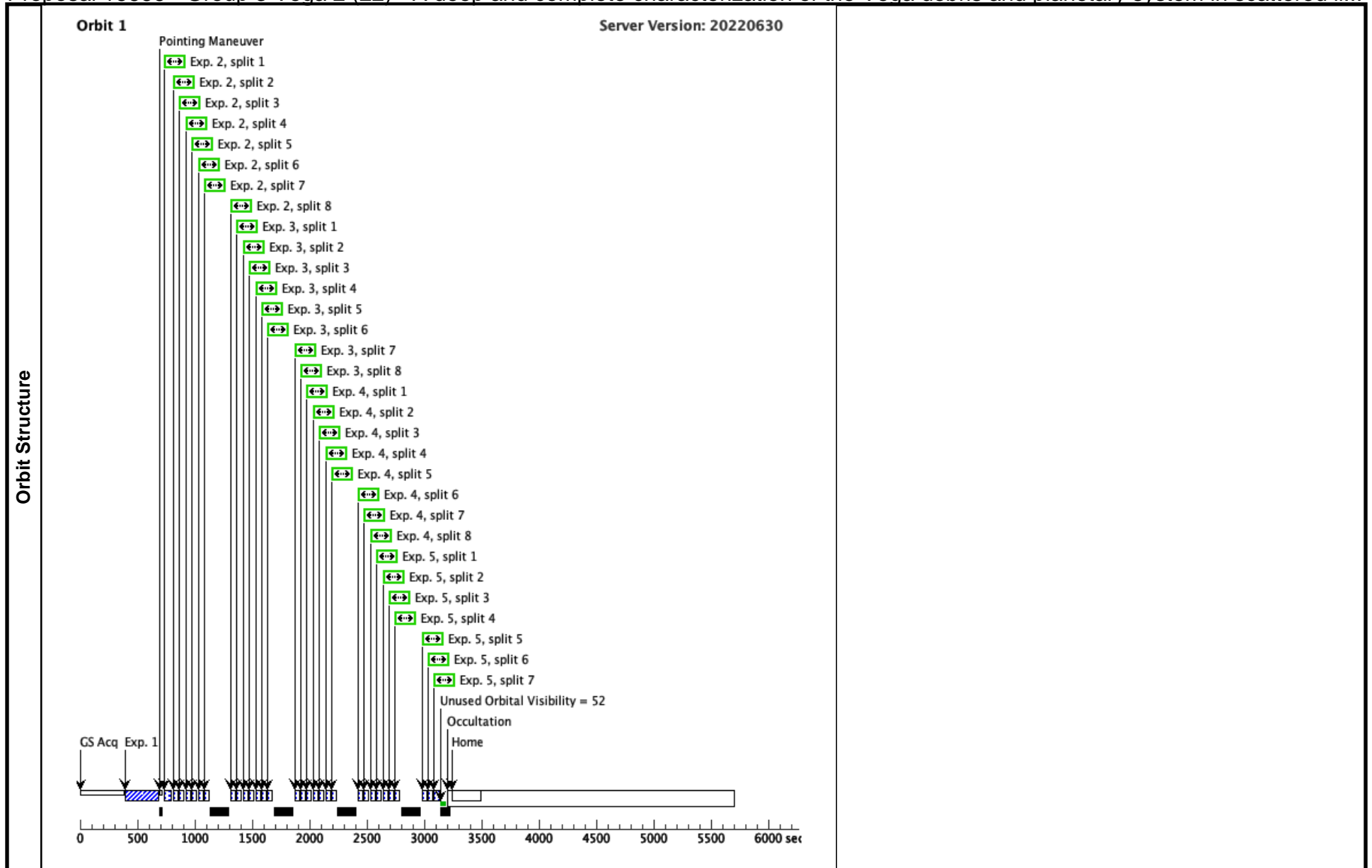


Proposal 16666 - Group 3 Vega 2 (22) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 3 Vega 2 (22), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +5D TO +20D FROM 21; AFTER 21 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

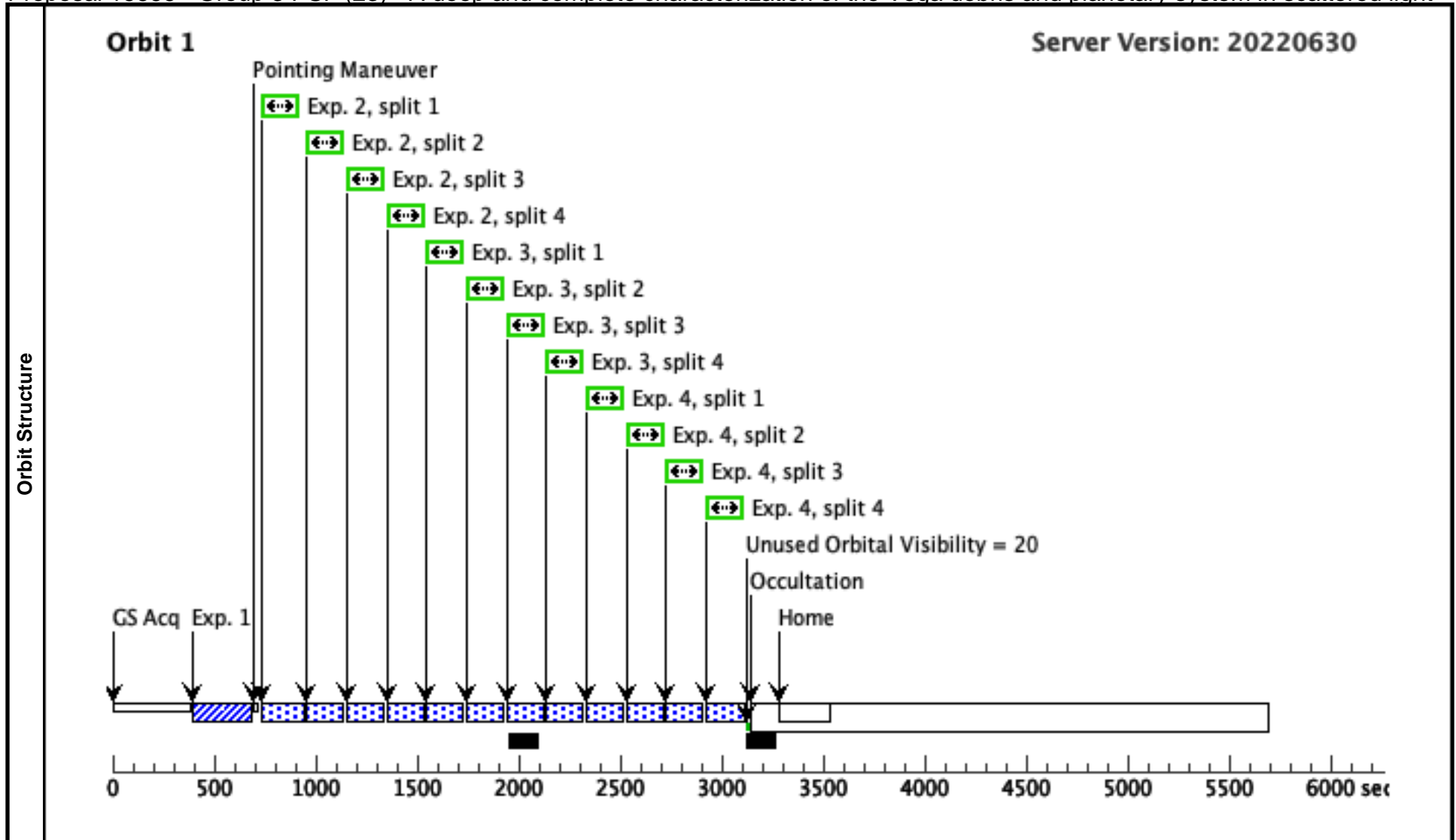
Proposal 16666 - Group 3 Vega 2 (22) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	



Proposal 16666 - Group 3 PSF (23) - A deep and complete characterization of the Vega debris and planetary system in scattered light

Visit	Proposal 16666, Group 3 PSF (23), completed <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; AFTER 22 BY 0.5 Orbits TO 1.5 Orbits																					
	Fixed Targets	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>PSF-ZET-AQL</td> <td>RA: 19 05 24.6003 (286.3525012d) Dec: +13 51 47.04 (13.86307d) Equinox: J2000</td> <td>Proper Motion RA: -4.97834692203318E-4 sec of time/yr Proper Motion Dec: -0.0955599997701292 arcsec/yr Epoch of Position: 2015.5</td> <td>V=2.99</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>                      Category=STAR                      Description=[A0-A3 V-IV]</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	PSF-ZET-AQL	RA: 19 05 24.6003 (286.3525012d) Dec: +13 51 47.04 (13.86307d) Equinox: J2000	Proper Motion RA: -4.97834692203318E-4 sec of time/yr Proper Motion Dec: -0.0955599997701292 arcsec/yr Epoch of Position: 2015.5	V=2.99
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																
(5)	PSF-ZET-AQL	RA: 19 05 24.6003 (286.3525012d) Dec: +13 51 47.04 (13.86307d) Equinox: J2000	Proper Motion RA: -4.97834692203318E-4 sec of time/yr Proper Motion Dec: -0.0955599997701292 arcsec/yr Epoch of Position: 2015.5	V=2.99	Reference Frame: ICRS																	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit												
	1	(5) PSF-ZET-AQL	STIS/CCD, ACQ, F25ND5	MIRROR						0.3 Secs (0.3 Secs) [==>]	[1]											
	2	(5) PSF-ZET-AQL	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=4; GAIN=4					610 Secs (610 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]											
	3	(5) PSF-ZET-AQL	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=4; GAIN=4					610 Secs (610 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]											
	4	(5) PSF-ZET-AQL	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=4; GAIN=4					610 Secs (610 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]											

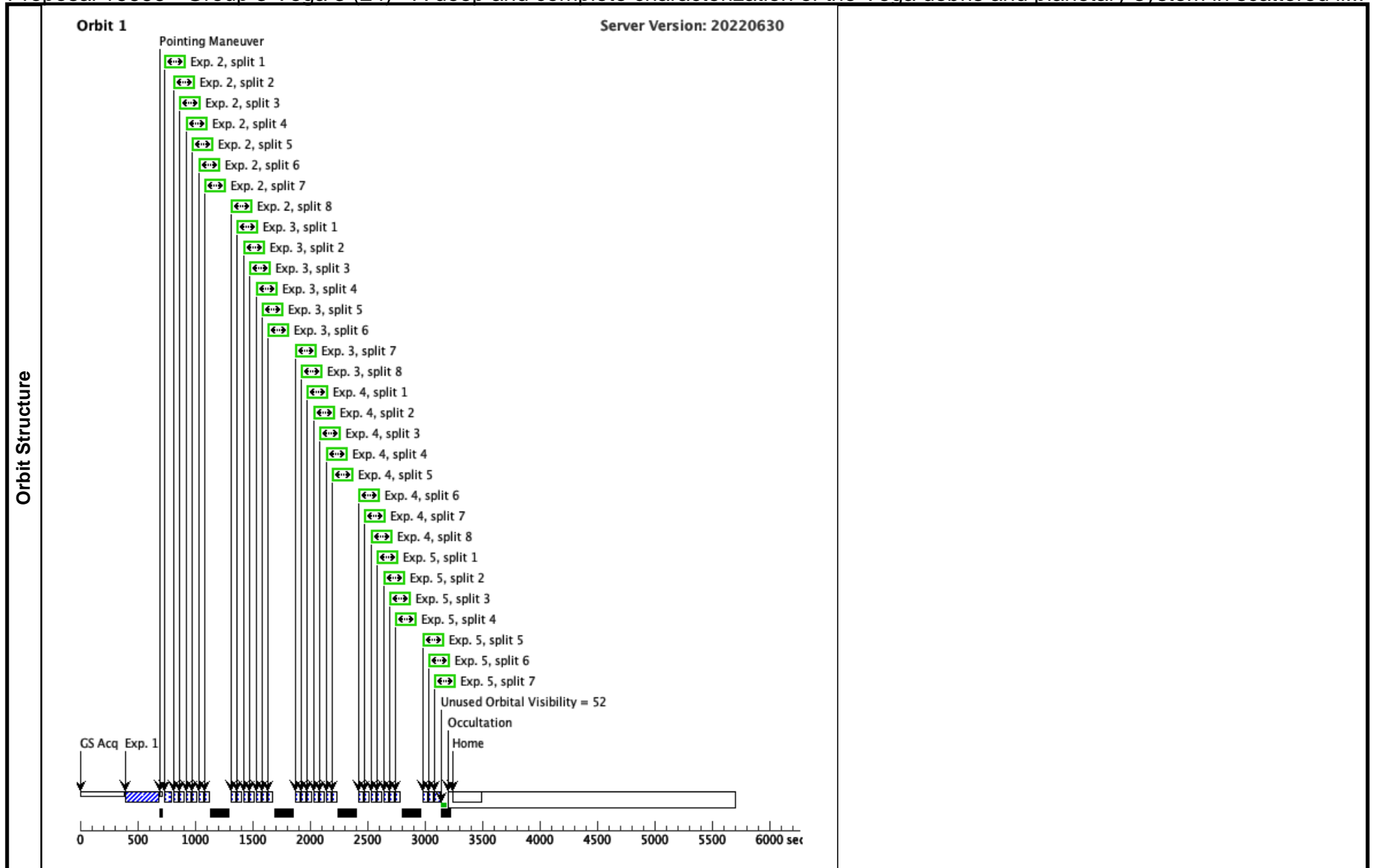


Proposal 16666 - Group 3 Vega 3 (24) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 3 Vega 3 (24), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +25D TO +45D FROM 21; AFTER 23 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 3 Vega 3 (24) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]

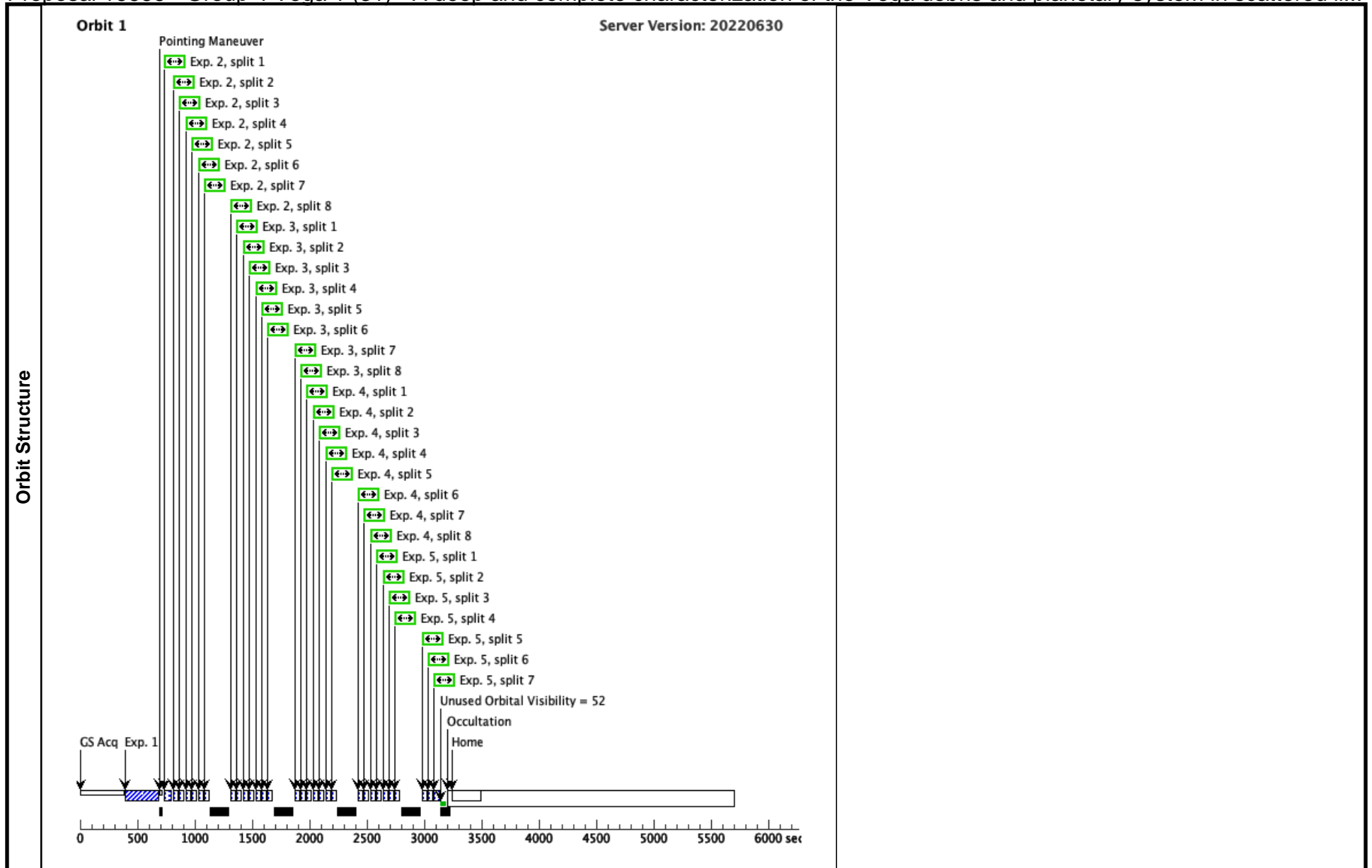


Proposal 16666 - Group 4 Vega 1 (31) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 4 Vega 1 (31), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 84.5D TO 124.5 D					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 4 Vega 1 (31) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA		STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

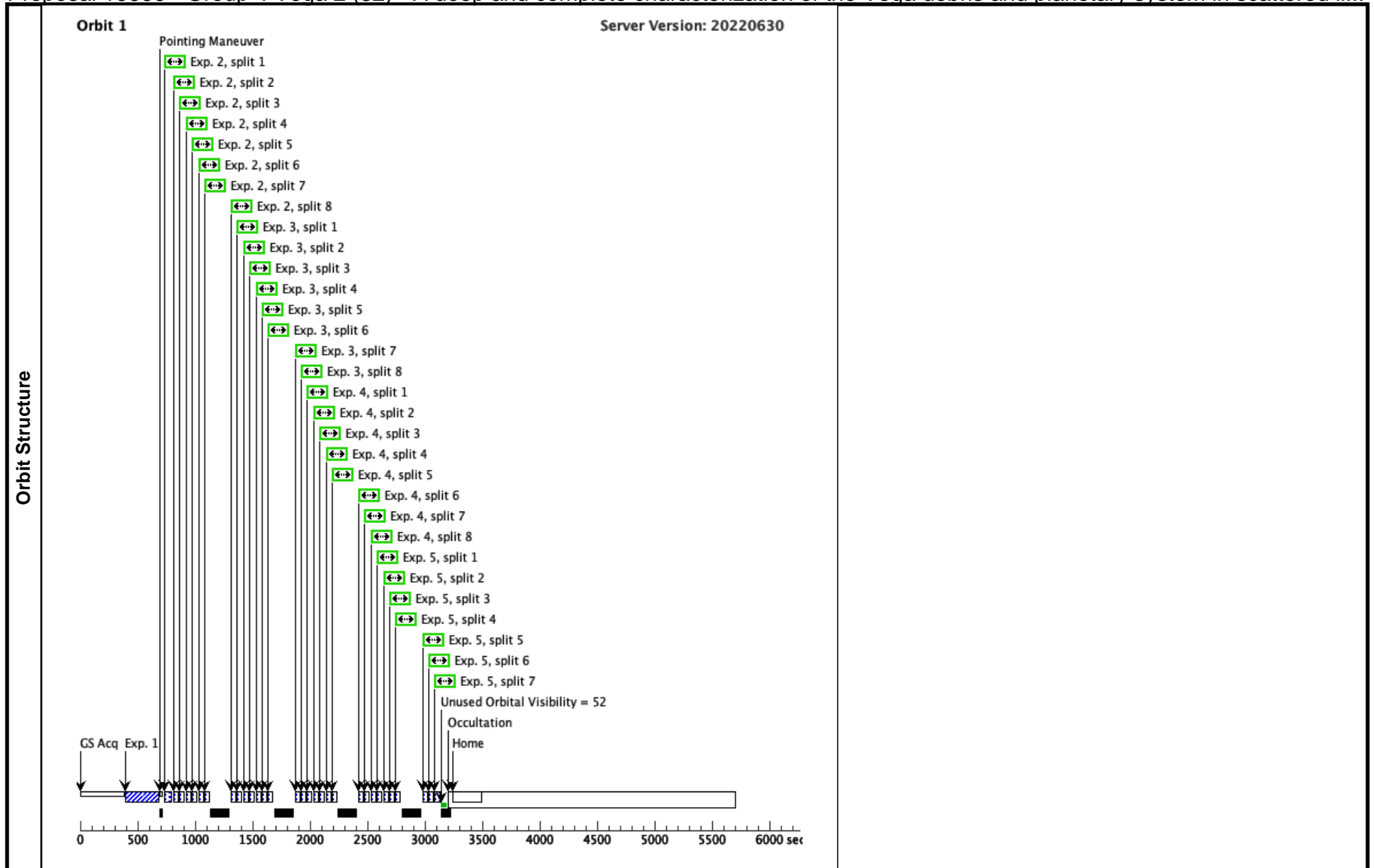


Proposal 16666 - Group 4 Vega 2 (32) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 4 Vega 2 (32), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +5D TO +15D FROM 31; AFTER 31 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[A0-A3 V-IV]						

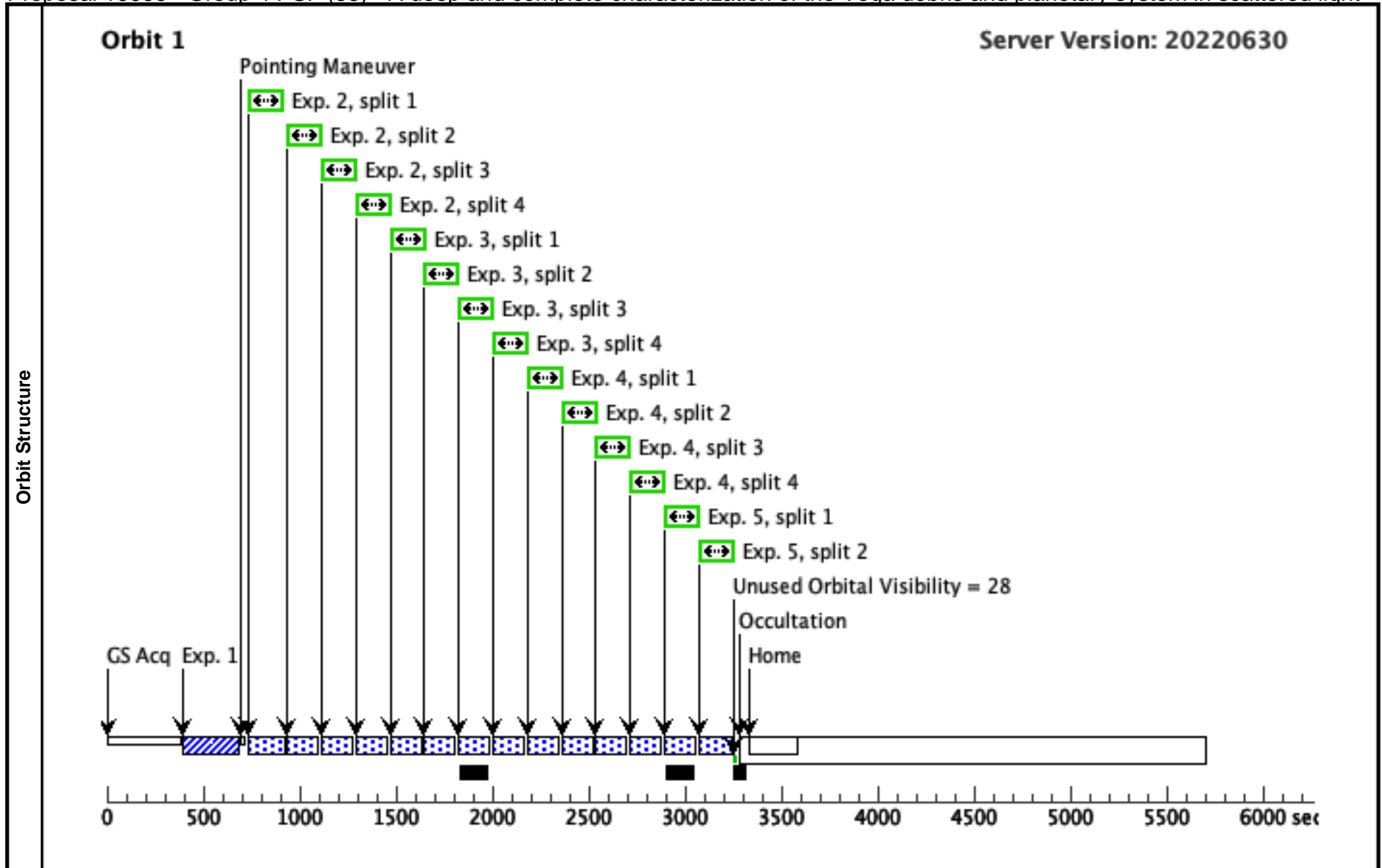
Proposal 16666 - Group 4 Vega 2 (32) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2		(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3		(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4		(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5		(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	



Proposal 16666 - Group 4 PSF (33) - A deep and complete characterization of the Vega debris and planetary system in scattered light

Visit	Proposal 16666, Group 4 PSF (33), completed <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; AFTER 32 BY 0.5 Orbits TO 1.5 Orbits																																																																					
Fixed Targets	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(4)</td> <td>PSF-DEL-CYG</td> <td>RA: 19 44 58.4785 (296.2436604d) Dec: +45 07 50.92 (45.13081d) Equinox: J2000</td> <td>Proper Motion RA: 0.004164493365418019 sec of time/yr Proper Motion Dec: 0.04865999999999995 arcsec/yr Epoch of Position: 2015.5</td> <td>V=2.87</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>                      Category=STAR                      Description=[A0-A3 V-IV]</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(4)	PSF-DEL-CYG	RA: 19 44 58.4785 (296.2436604d) Dec: +45 07 50.92 (45.13081d) Equinox: J2000	Proper Motion RA: 0.004164493365418019 sec of time/yr Proper Motion Dec: 0.04865999999999995 arcsec/yr Epoch of Position: 2015.5	V=2.87	Reference Frame: ICRS																																																
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																																	
(4)	PSF-DEL-CYG	RA: 19 44 58.4785 (296.2436604d) Dec: +45 07 50.92 (45.13081d) Equinox: J2000	Proper Motion RA: 0.004164493365418019 sec of time/yr Proper Motion Dec: 0.04865999999999995 arcsec/yr Epoch of Position: 2015.5	V=2.87	Reference Frame: ICRS																																																																	
Exposures	<table border="1" style="width: 100%; border-collapse: collapse;"> <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>(4) PSF-DEL-CYG</td> <td>STIS/CCD, ACQ, F25ND5</td> <td>MIRROR</td> <td></td> <td></td> <td></td> <td></td> <td>0.3 Secs (0.3 Secs) [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(4) PSF-DEL-CYG</td> <td>STIS/CCD, ACCUM, WEDGE2.8</td> <td>MIRROR</td> <td></td> <td>CR-SPLIT=4; GAIN=4</td> <td></td> <td></td> <td>535.2 Secs (535.2 Secs) [==&gt;(Split 1)] [==&gt;(Split 2)] [==&gt;(Split 3)] [==&gt;(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(4) PSF-DEL-CYG</td> <td>STIS/CCD, ACCUM, WEDGE2.8</td> <td>MIRROR</td> <td></td> <td>CR-SPLIT=4; GAIN=4</td> <td></td> <td></td> <td>535.2 Secs (535.2 Secs) [==&gt;(Split 1)] [==&gt;(Split 2)] [==&gt;(Split 3)] [==&gt;(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(4) PSF-DEL-CYG</td> <td>STIS/CCD, ACCUM, WEDGE2.8</td> <td>MIRROR</td> <td></td> <td>CR-SPLIT=4; GAIN=4</td> <td></td> <td></td> <td>535.2 Secs (535.2 Secs) [==&gt;(Split 1)] [==&gt;(Split 2)] [==&gt;(Split 3)] [==&gt;(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(4) PSF-DEL-CYG</td> <td>STIS/CCD, ACCUM, WEDGE2.8</td> <td>MIRROR</td> <td></td> <td>CR-SPLIT=2; GAIN=4</td> <td></td> <td></td> <td>267.6 Secs (267.6 Secs) [==&gt;(Split 1)] [==&gt;(Split 2)]</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	(4) PSF-DEL-CYG	STIS/CCD, ACQ, F25ND5	MIRROR					0.3 Secs (0.3 Secs) [==>]	[1]	2	(4) PSF-DEL-CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR		CR-SPLIT=4; GAIN=4			535.2 Secs (535.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(4) PSF-DEL-CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR		CR-SPLIT=4; GAIN=4			535.2 Secs (535.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	4	(4) PSF-DEL-CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR		CR-SPLIT=4; GAIN=4			535.2 Secs (535.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	5	(4) PSF-DEL-CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR		CR-SPLIT=2; GAIN=4			267.6 Secs (267.6 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																													
1	(4) PSF-DEL-CYG	STIS/CCD, ACQ, F25ND5	MIRROR					0.3 Secs (0.3 Secs) [==>]	[1]																																																													
2	(4) PSF-DEL-CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR		CR-SPLIT=4; GAIN=4			535.2 Secs (535.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																													
3	(4) PSF-DEL-CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR		CR-SPLIT=4; GAIN=4			535.2 Secs (535.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																													
4	(4) PSF-DEL-CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR		CR-SPLIT=4; GAIN=4			535.2 Secs (535.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																													
5	(4) PSF-DEL-CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR		CR-SPLIT=2; GAIN=4			267.6 Secs (267.6 Secs) [==>(Split 1)] [==>(Split 2)]	[1]																																																													

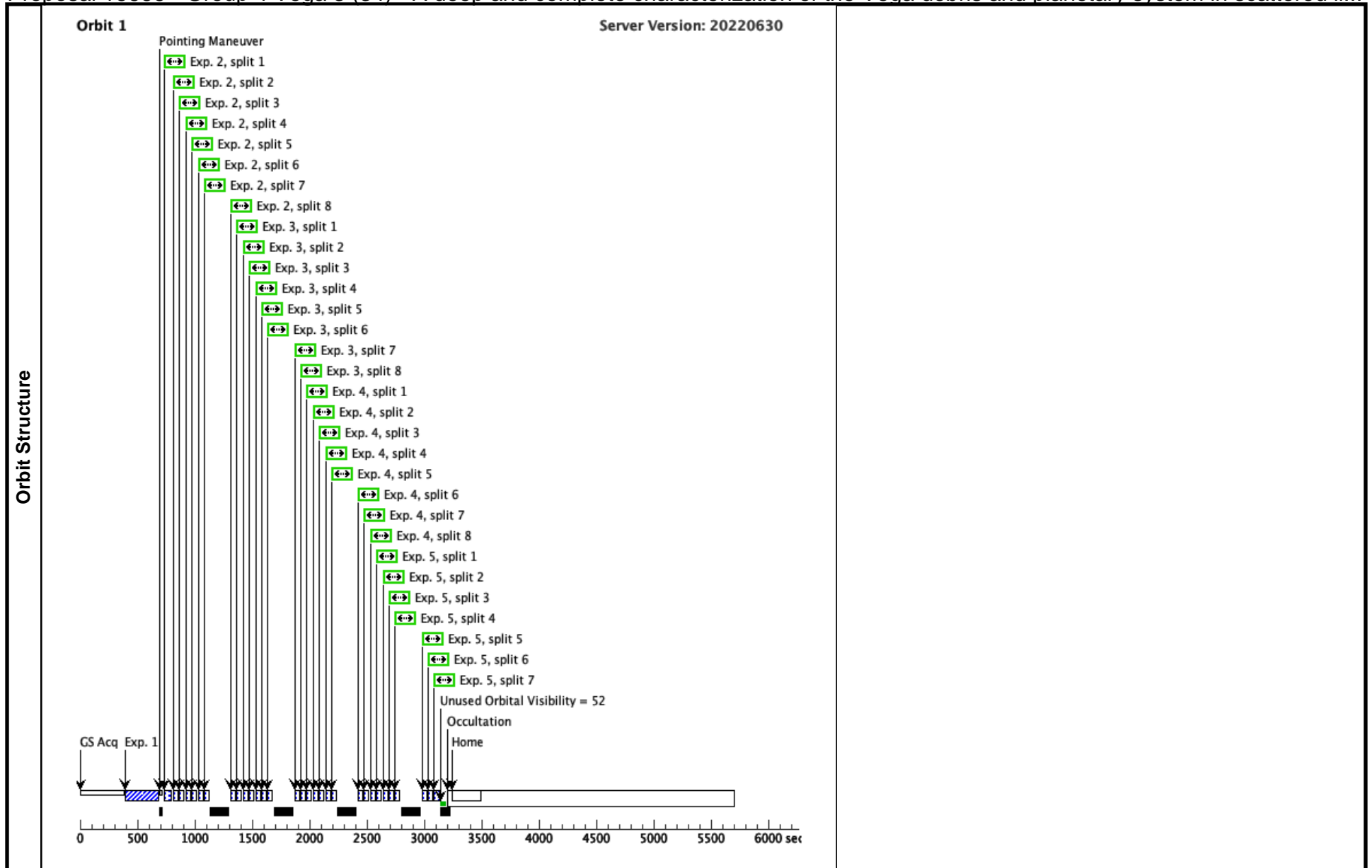


Proposal 16666 - Group 4 Vega 3 (34) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 4 Vega 3 (34), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +20D TO +30D FROM 31; AFTER 33 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 4 Vega 3 (34) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA		STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

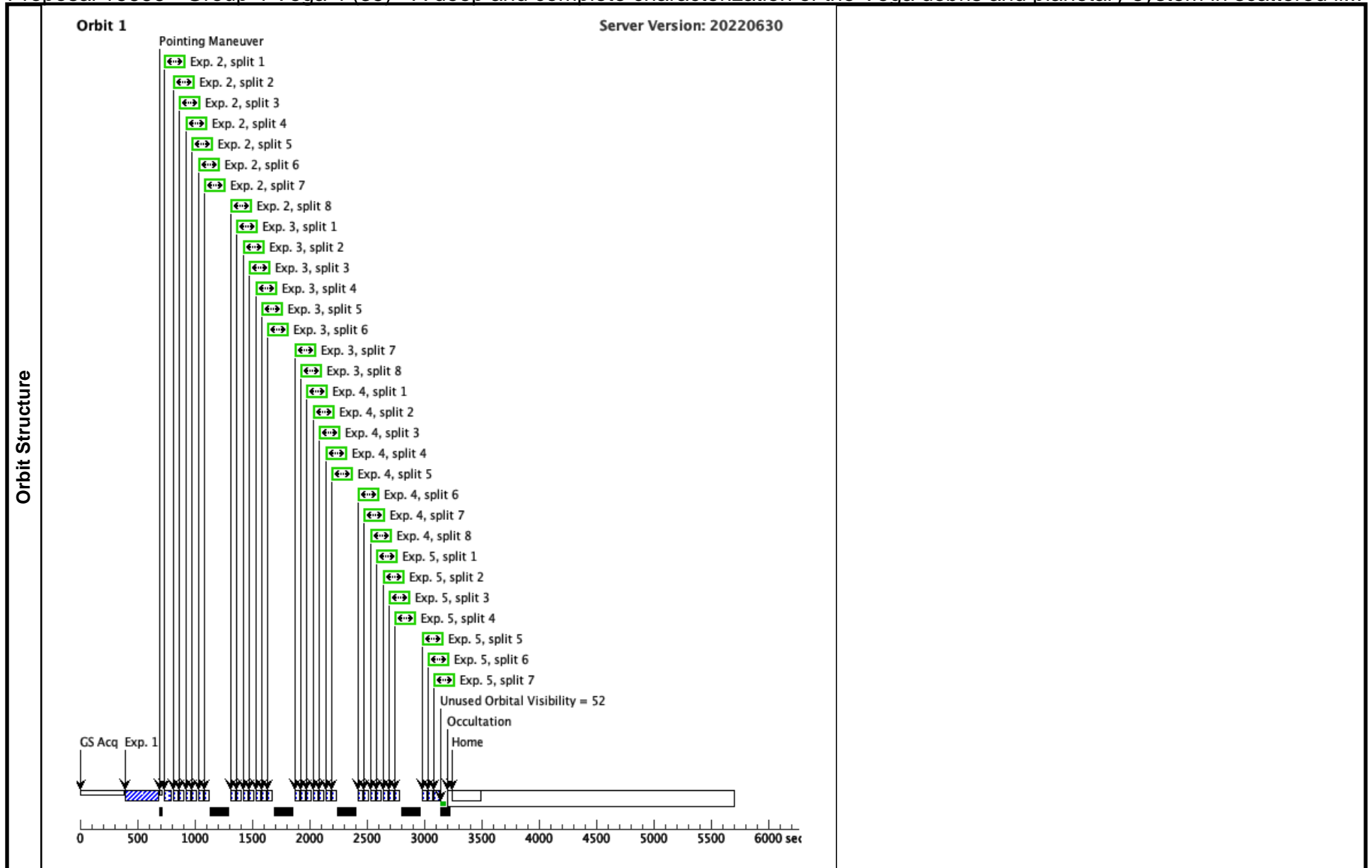


Proposal 16666 - Group 4 Vega 4 (35) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 4 Vega 4 (35), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +35D TO +45D FROM 31; AFTER 34 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 4 Vega 4 (35) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
									[==>(Split 3)]	
									[==>(Split 4)]	
									[==>(Split 5)]	
									[==>(Split 6)]	
								[==>(Split 7)]		
								[==>(Split 8)]		
3	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
								[==>(Split 3)]		
								[==>(Split 4)]		
								[==>(Split 5)]		
								[==>(Split 6)]		
								[==>(Split 7)]		
								[==>(Split 8)]		
4	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
								[==>(Split 3)]		
								[==>(Split 4)]		
								[==>(Split 5)]		
								[==>(Split 6)]		
								[==>(Split 7)]		
								[==>(Split 8)]		
5	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
								[==>(Split 3)]		
								[==>(Split 4)]		
								[==>(Split 5)]		
								[==>(Split 6)]		
								[==>(Split 7)]		

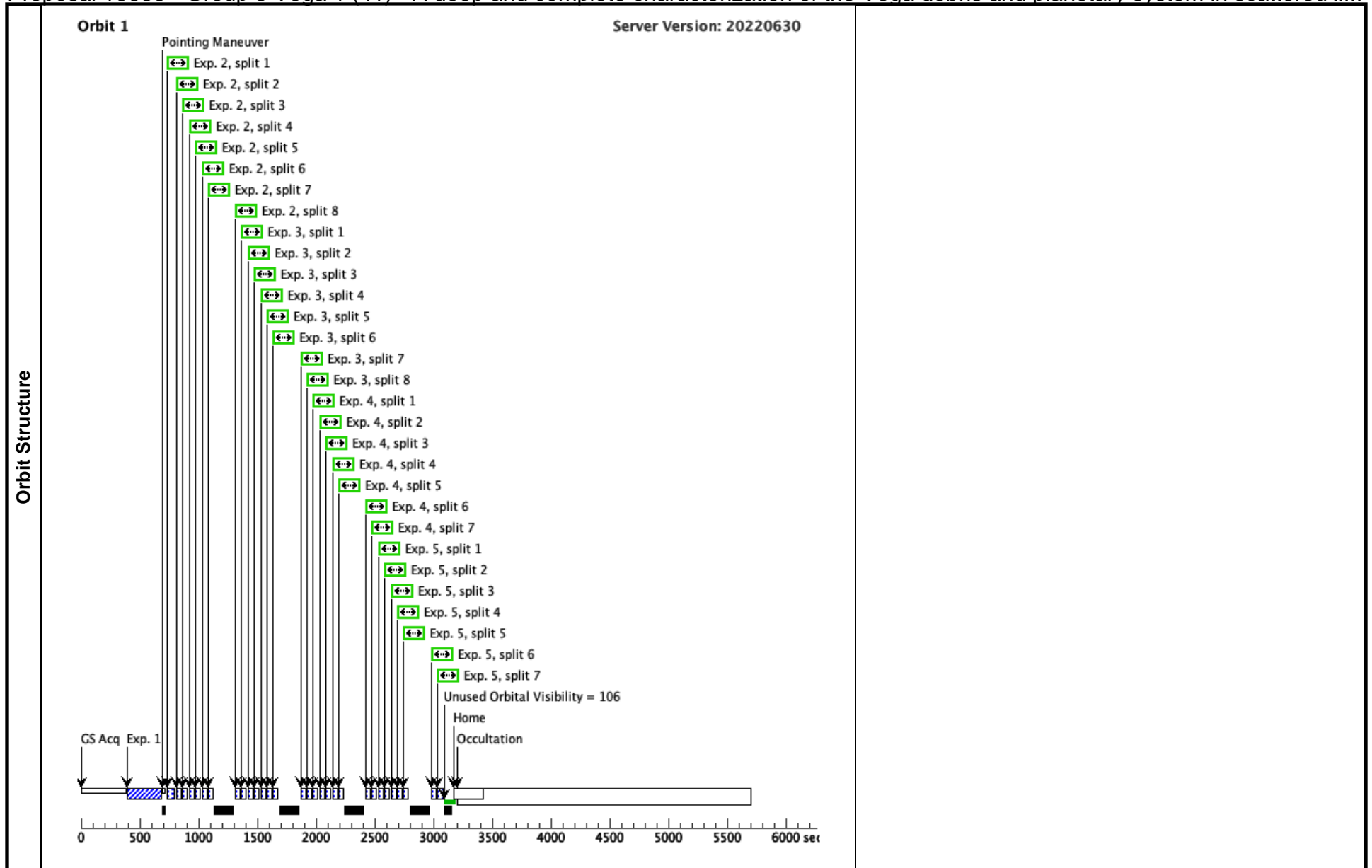


Proposal 16666 - Group 5 Vega 1 (41) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 5 Vega 1 (41), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 134.5D TO 174.5 D					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 5 Vega 1 (41) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2		(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3		(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4		(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	
5		(1) VEGA	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

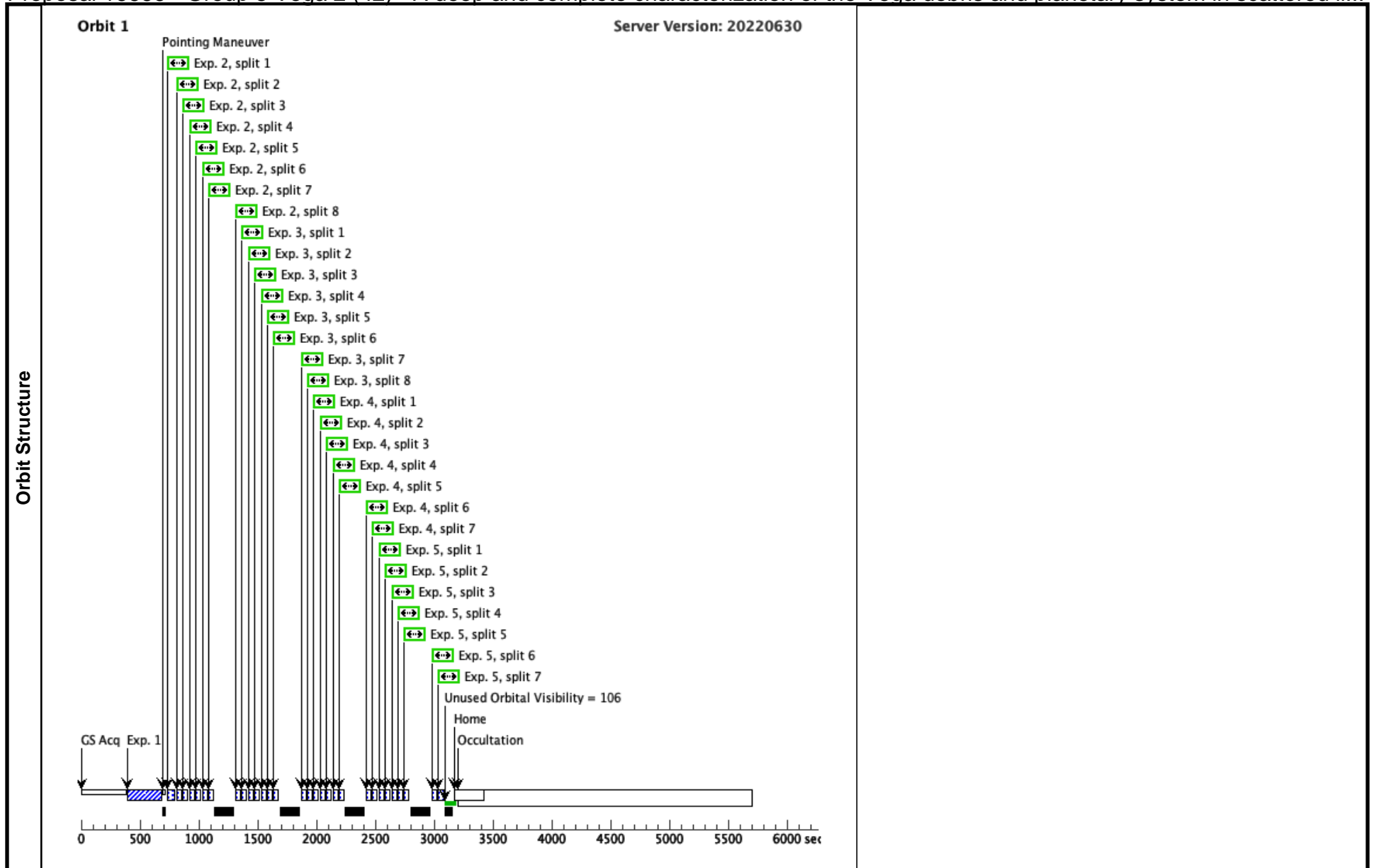


Proposal 16666 - Group 5 Vega 2 (42) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 5 Vega 2 (42), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +5D TO +15D FROM 41; AFTER 41 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

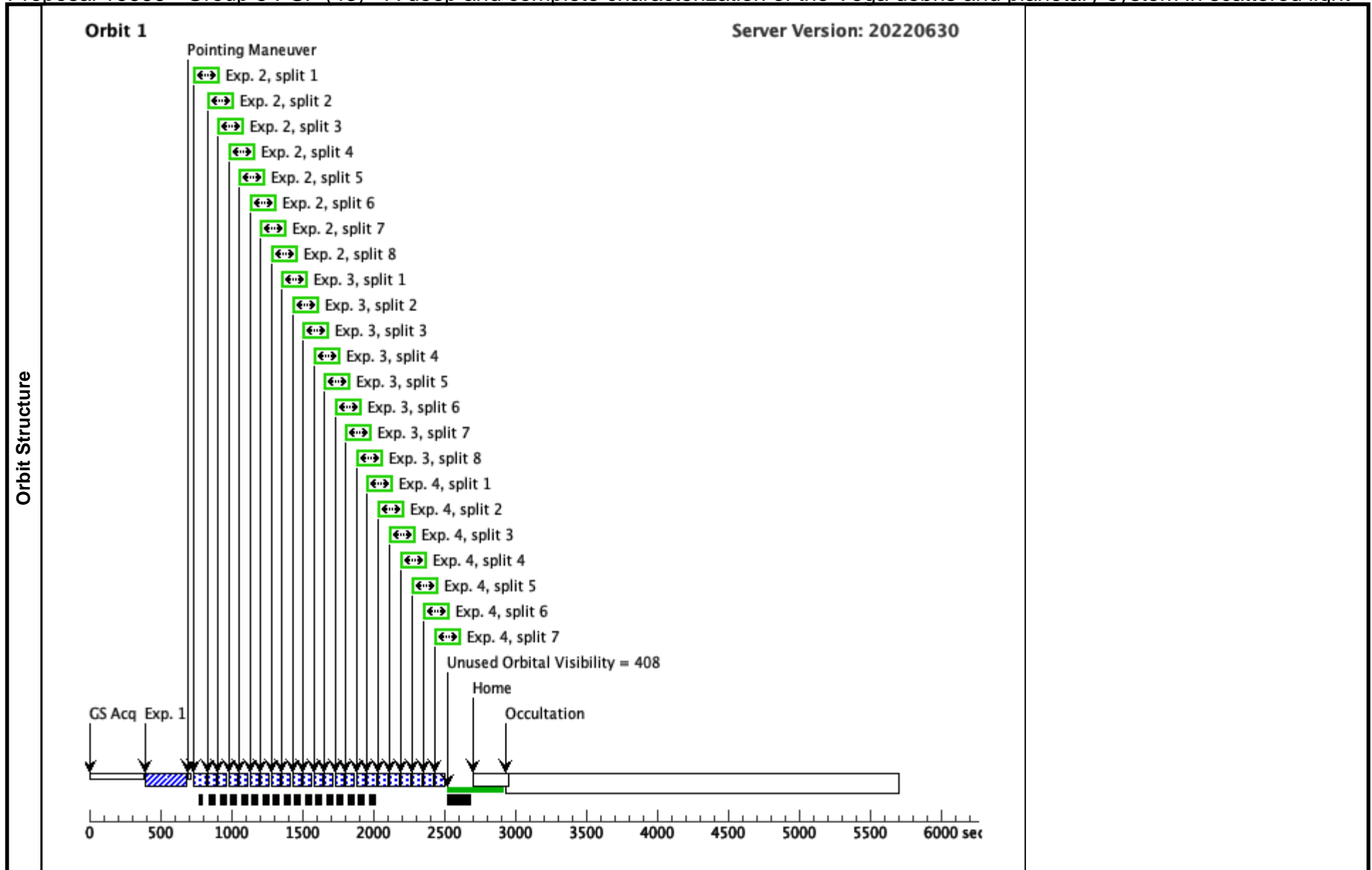
Proposal 16666 - Group 5 Vega 2 (42) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA		STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	
5	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	



Proposal 16666 - Group 5 PSF (43) - A deep and complete characterization of the Vega debris and planetary system in scattered light

Visit	Proposal 16666, Group 5 PSF (43), completed <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 100%; AFTER 42 BY 0.5 Orbits TO 1.5 Orbits																																																											
Fixed Targets	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>VEGA-PSF-ALF-CYG</td> <td>RA: 20 41 25.9181 (310.3579921d) Dec: +45 16 49.25 (45.28035d) Equinox: J2000</td> <td>Proper Motion RA: 1.9043870499366652E-4 sec of time/yr Proper Motion Dec: 0.0018499999999999999 arcsec/yr Epoch of Position: 2015.5</td> <td>V=1.25</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>                      Category=STAR                      Description=[A0-A3 III-I]</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	VEGA-PSF-ALF-CYG	RA: 20 41 25.9181 (310.3579921d) Dec: +45 16 49.25 (45.28035d) Equinox: J2000	Proper Motion RA: 1.9043870499366652E-4 sec of time/yr Proper Motion Dec: 0.0018499999999999999 arcsec/yr Epoch of Position: 2015.5	V=1.25	Reference Frame: ICRS																																						
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																							
(2)	VEGA-PSF-ALF-CYG	RA: 20 41 25.9181 (310.3579921d) Dec: +45 16 49.25 (45.28035d) Equinox: J2000	Proper Motion RA: 1.9043870499366652E-4 sec of time/yr Proper Motion Dec: 0.0018499999999999999 arcsec/yr Epoch of Position: 2015.5	V=1.25	Reference Frame: ICRS																																																							
Exposures	<table border="1" style="width: 100%; border-collapse: collapse;"> <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>(2) VEGA-PSF-ALF-CYG</td> <td>(2) VEGA-PSF-ALF-CYG</td> <td>STIS/CCD, ACQ, F25ND5</td> <td>MIRROR</td> <td></td> <td></td> <td></td> <td>0.1 Secs (0.1 Secs) [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(2) VEGA-PSF-ALF-CYG</td> <td>(2) VEGA-PSF-ALF-CYG</td> <td>STIS/CCD, ACCUM, WEDGEB2.8</td> <td>MIRROR</td> <td>CR-SPLIT=8; GAIN=4</td> <td></td> <td></td> <td>246.4 Secs (246.4 Secs) [==&gt;(Split 1)] [==&gt;(Split 2)] [==&gt;(Split 3)] [==&gt;(Split 4)] [==&gt;(Split 5)] [==&gt;(Split 6)] [==&gt;(Split 7)] [==&gt;(Split 8)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(2) VEGA-PSF-ALF-CYG</td> <td>(2) VEGA-PSF-ALF-CYG</td> <td>STIS/CCD, ACCUM, WEDGEB2.8</td> <td>MIRROR</td> <td>CR-SPLIT=8; GAIN=4</td> <td></td> <td></td> <td>246.4 Secs (246.4 Secs) [==&gt;(Split 1)] [==&gt;(Split 2)] [==&gt;(Split 3)] [==&gt;(Split 4)] [==&gt;(Split 5)] [==&gt;(Split 6)] [==&gt;(Split 7)] [==&gt;(Split 8)]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(2) VEGA-PSF-ALF-CYG</td> <td>(2) VEGA-PSF-ALF-CYG</td> <td>STIS/CCD, ACCUM, WEDGEB2.8</td> <td>MIRROR</td> <td>CR-SPLIT=7; GAIN=4</td> <td></td> <td></td> <td>246.4 Secs (246.4 Secs) [==&gt;(Split 1)] [==&gt;(Split 2)] [==&gt;(Split 3)] [==&gt;(Split 4)] [==&gt;(Split 5)] [==&gt;(Split 6)] [==&gt;(Split 7)]</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	(2) VEGA-PSF-ALF-CYG	(2) VEGA-PSF-ALF-CYG	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]	2	(2) VEGA-PSF-ALF-CYG	(2) VEGA-PSF-ALF-CYG	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	3	(2) VEGA-PSF-ALF-CYG	(2) VEGA-PSF-ALF-CYG	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	4	(2) VEGA-PSF-ALF-CYG	(2) VEGA-PSF-ALF-CYG	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																			
1	(2) VEGA-PSF-ALF-CYG	(2) VEGA-PSF-ALF-CYG	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]																																																			
2	(2) VEGA-PSF-ALF-CYG	(2) VEGA-PSF-ALF-CYG	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]																																																			
3	(2) VEGA-PSF-ALF-CYG	(2) VEGA-PSF-ALF-CYG	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]																																																			
4	(2) VEGA-PSF-ALF-CYG	(2) VEGA-PSF-ALF-CYG	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]																																																			

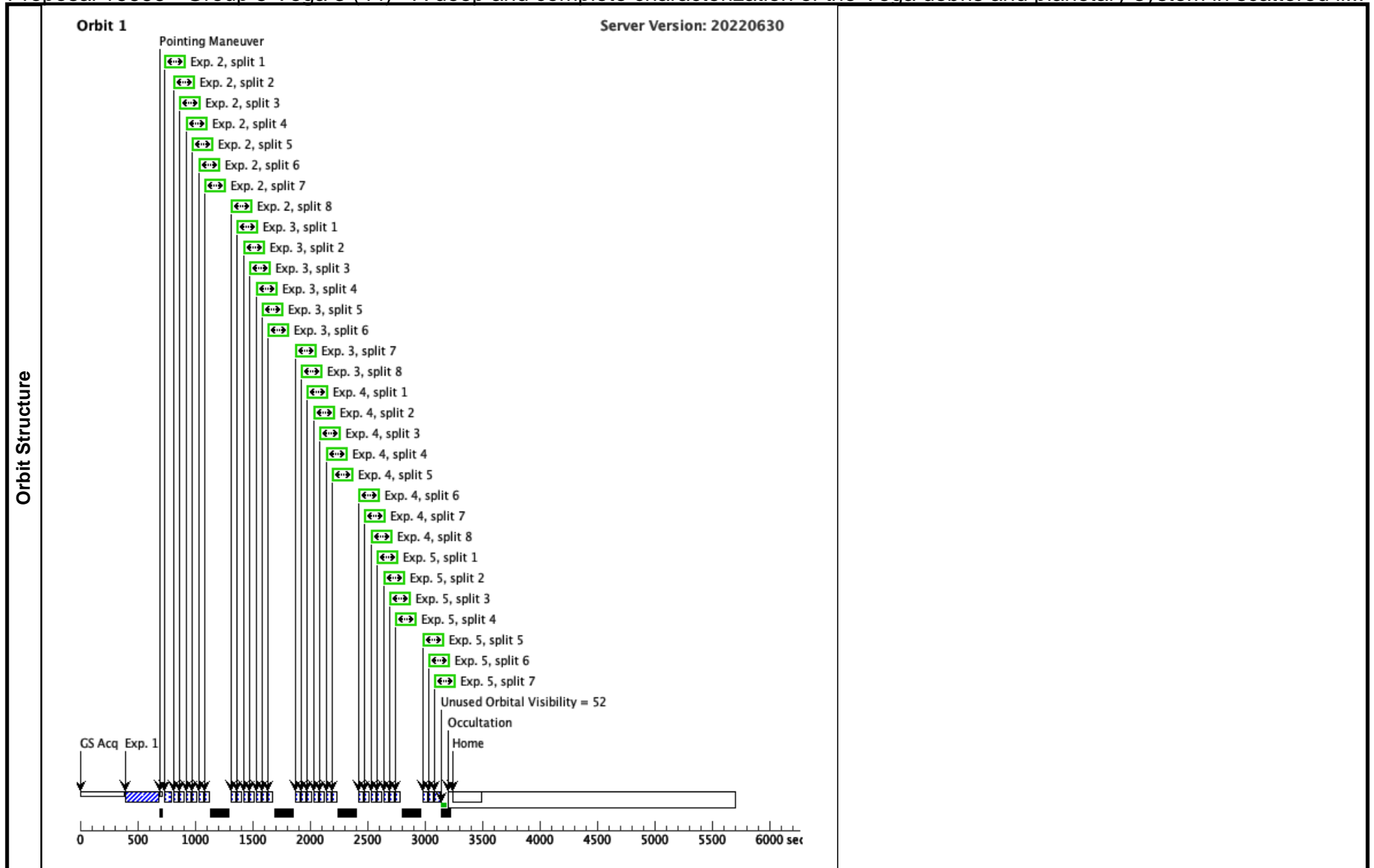


Proposal 16666 - Group 5 Vega 3 (44) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 5 Vega 3 (44), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +20D TO +30D FROM 41; AFTER 43 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 5 Vega 3 (44) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA		STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

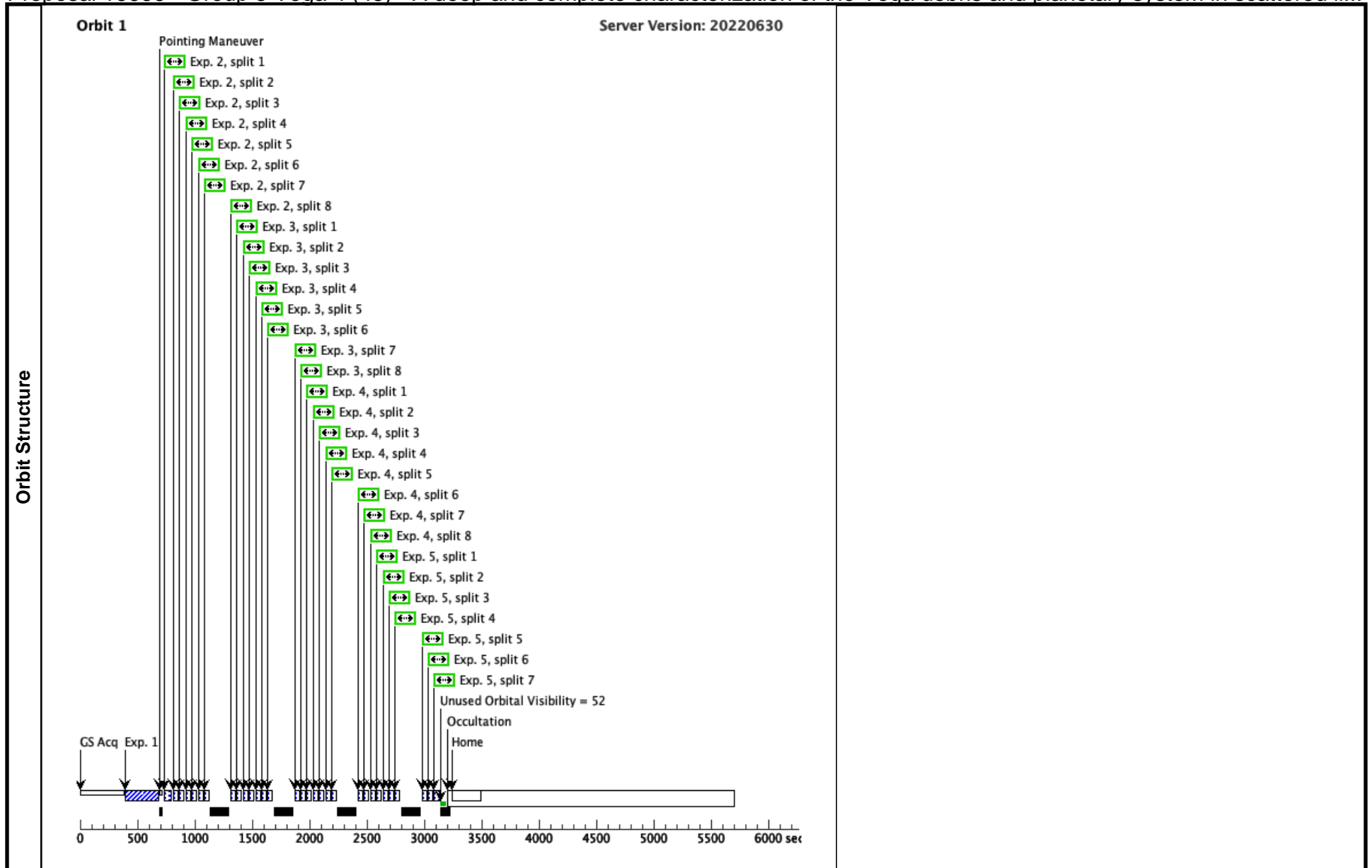


Proposal 16666 - Group 5 Vega 4 (45) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 5 Vega 4 (45), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +35D TO +45D FROM 41; AFTER 44 BY 0.5 Orbits TO 1.5 Orbits																	
	<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>VEGA</td> <td>                     RA: 18 36 56.6027 (279.2358446d)                      Dec: +38 47 5.72 (38.78492d)                      Equinox: J2000                 </td> <td>                     Proper Motion RA: 0.01718531256744208                      sec of time/yr                      Proper Motion Dec: 0.28623000000000004                      arcsec/yr                      Epoch of Position: 2015.5                 </td> <td>V=0.03</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[A0-A3 V-IV]			
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(1)	VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS													

Proposal 16666 - Group 5 Vega 4 (45) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]

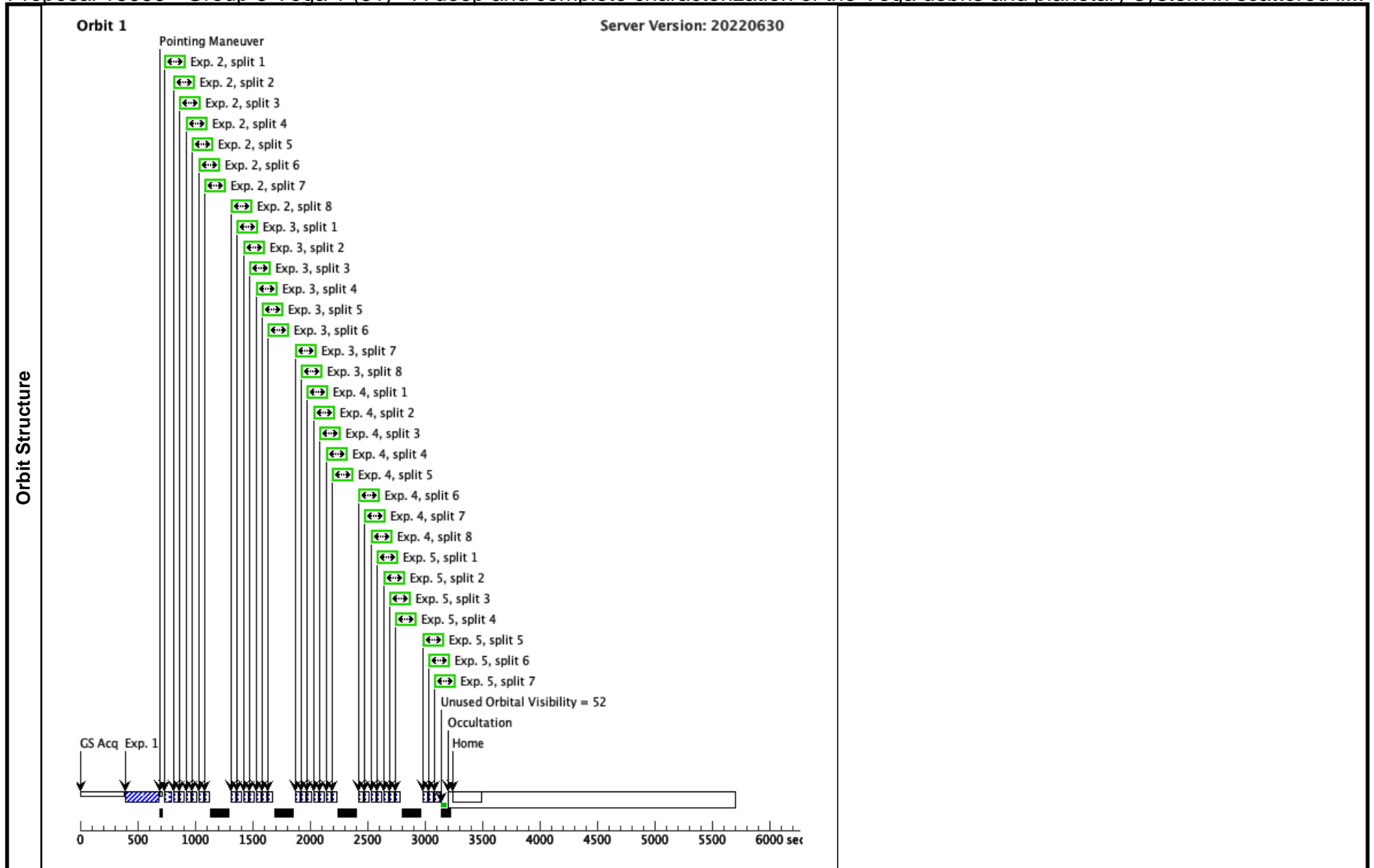


Proposal 16666 - Group 6 Vega 1 (51) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 6 Vega 1 (51), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 184.5D TO 224.5 D					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 6 Vega 1 (51) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	[1]
	2	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	[1]
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	
	3	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	[1]
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]		
4	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	[1]	
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]		
5	(1) VEGA	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)	[1]	
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]		

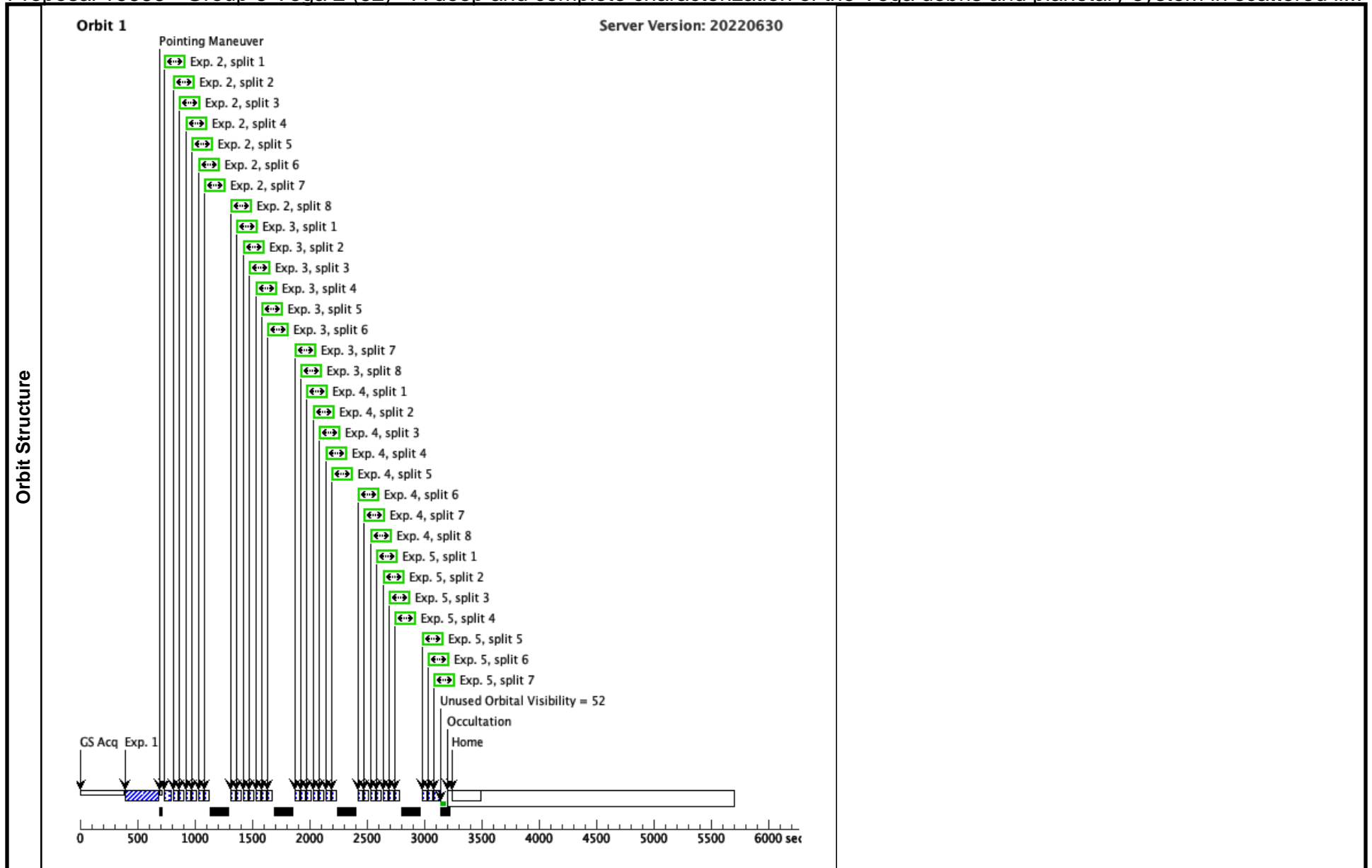


Proposal 16666 - Group 6 Vega 2 (52) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 6 Vega 2 (52), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +5D TO +15D FROM 51; AFTER 51 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 6 Vega 2 (52) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]

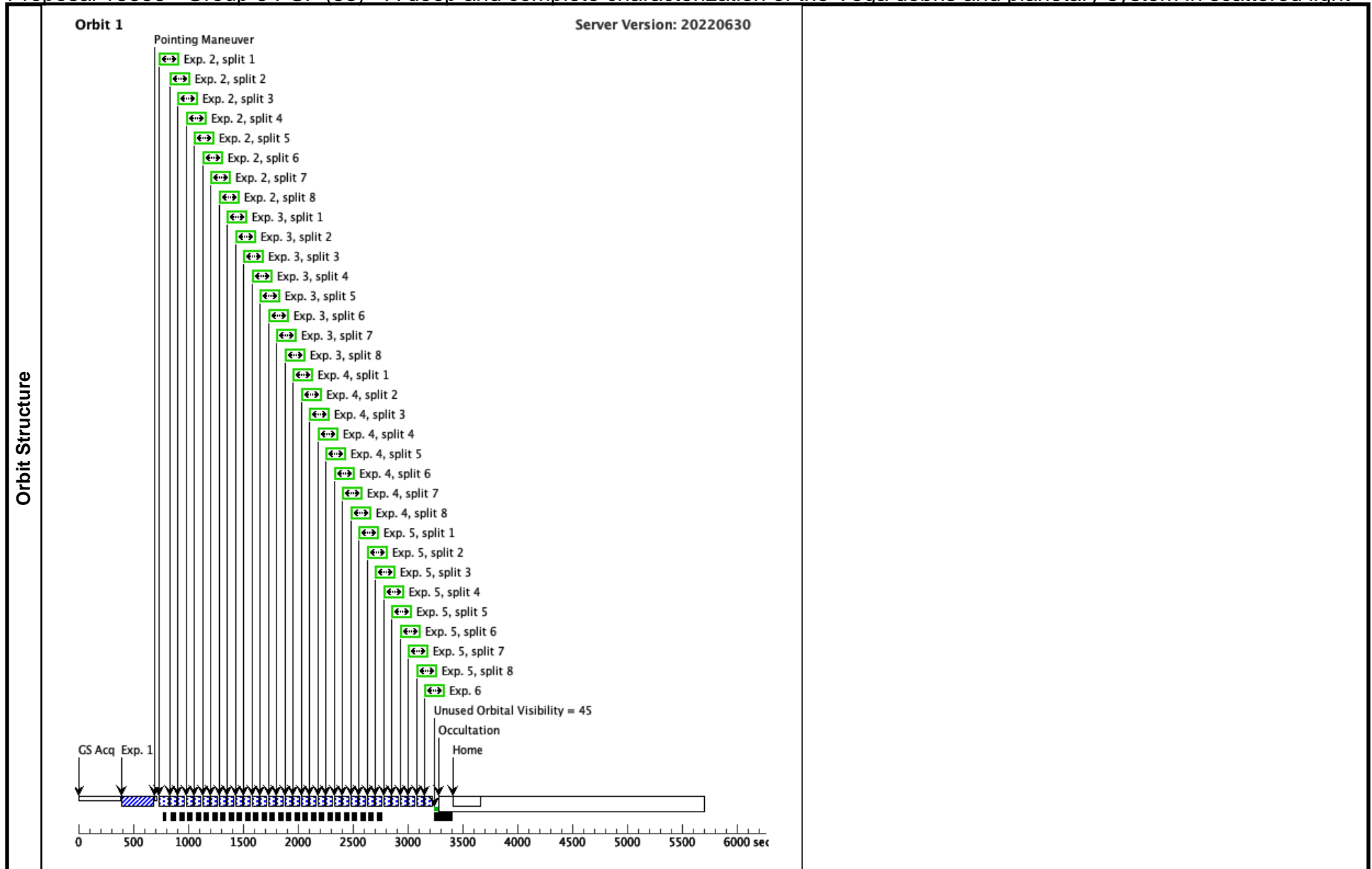


Proposal 16666 - Group 6 PSF (53) - A deep and complete characterization of the Vega debris and planetary system in scattered light

<b>Visit</b>	<b>Proposal 16666, Group 6 PSF (53), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; AFTER 52 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(2)		VEGA-PSF-ALF-CYG	RA: 20 41 25.9181 (310.3579921d) Dec: +45 16 49.25 (45.28035d) Equinox: J2000	Proper Motion RA: 1.9043870499366652E-4 sec of time/yr Proper Motion Dec: 0.0018499999999999999 arcsec/yr Epoch of Position: 2015.5	V=1.25	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 III-I]						

Proposal 16666 - Group 6 PSF (53) - A deep and complete characterization of the Vega debris and planetary system in scattered light

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	6	(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGE2.8	MIRROR	CR-SPLIT=NO; GAIN=4			30.8 Secs (30.8 Secs) [==>]	[1]

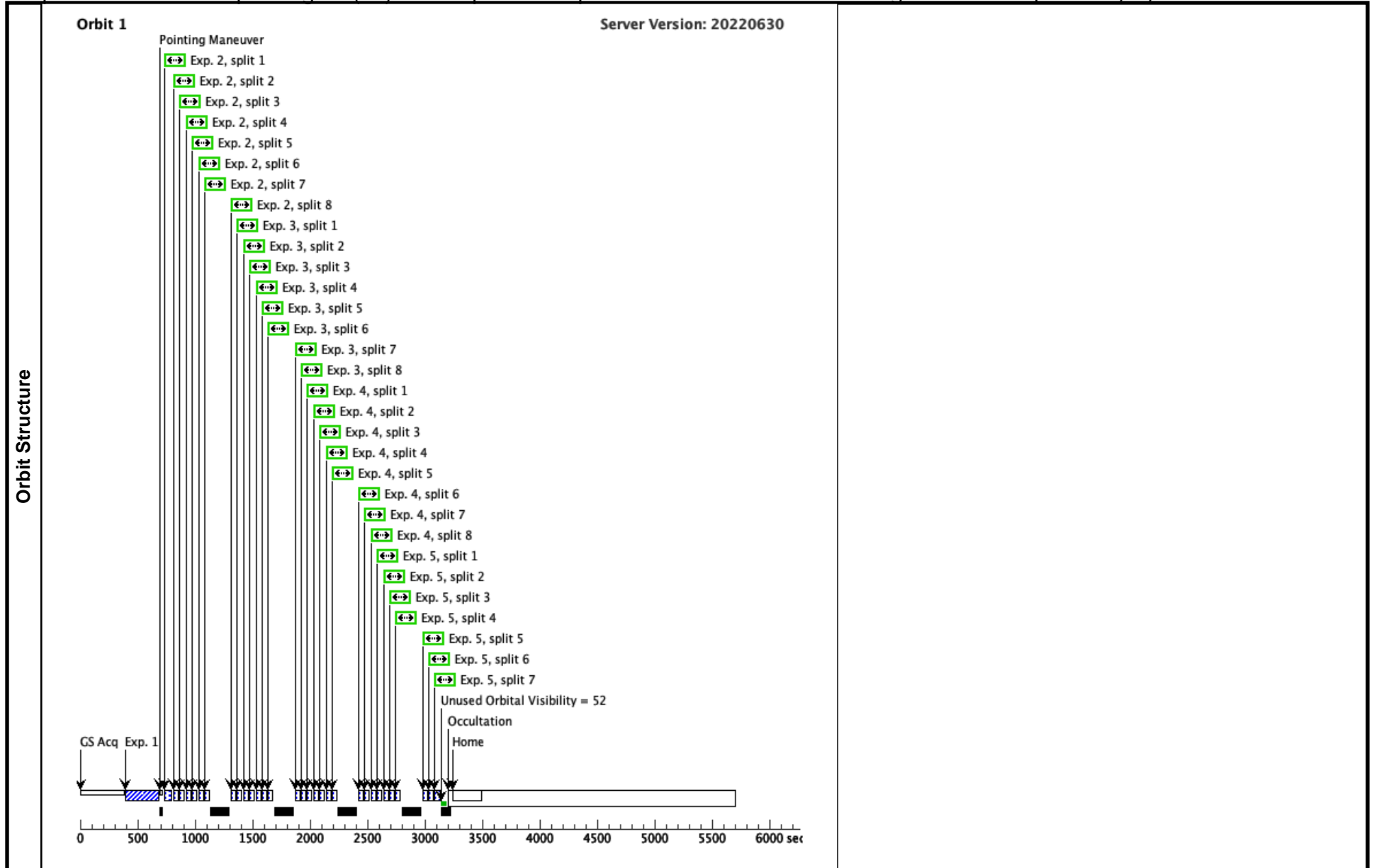


Proposal 16666 - Group 6 Vega 3 (54) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 6 Vega 3 (54), completed</b> <span style="float: right;">Mon Jan 30 18:01:29 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +20D TO +30D FROM 51; AFTER 53 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 6 Vega 3 (54) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA		STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

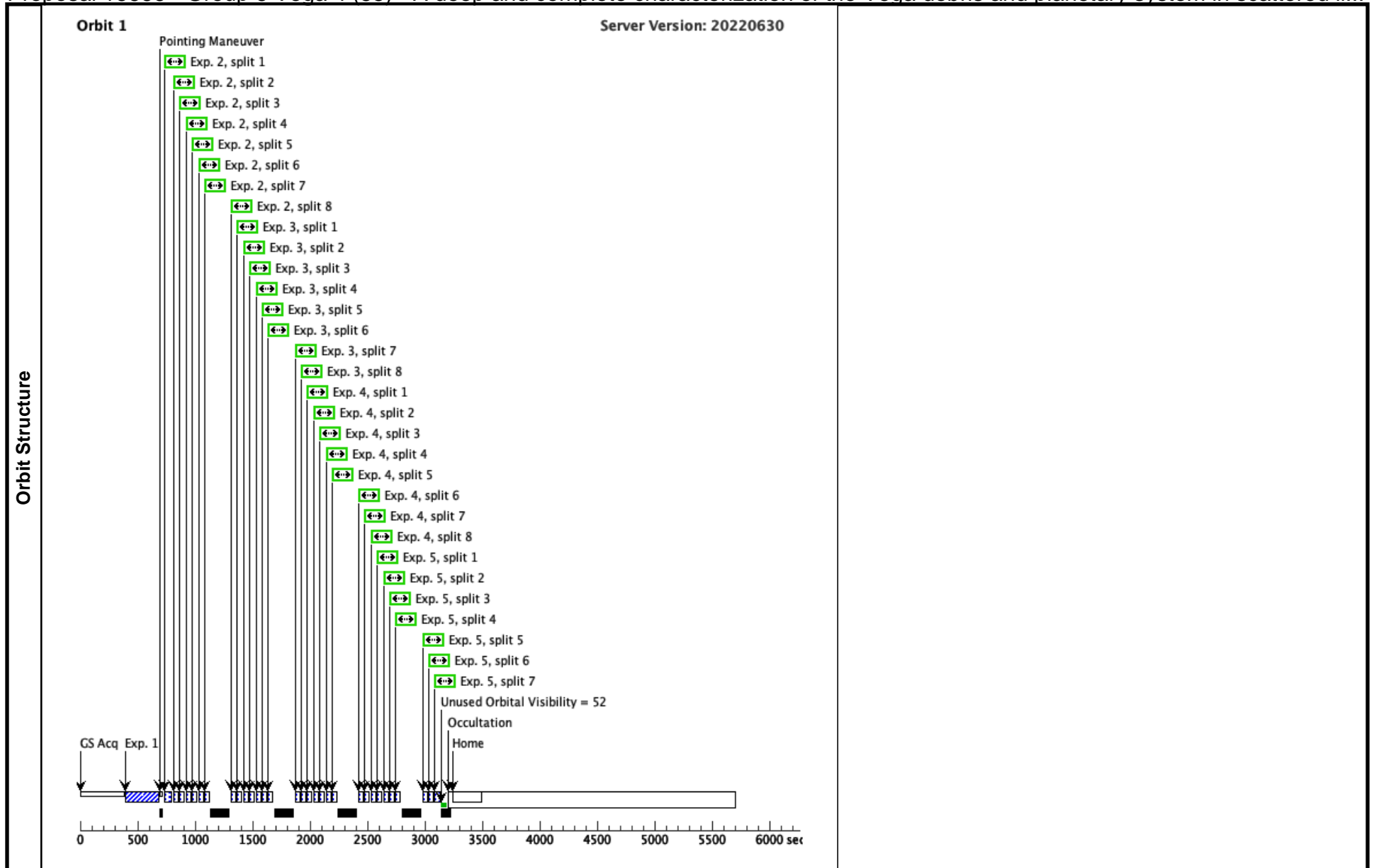


Proposal 16666 - Group 6 Vega 4 (55) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 6 Vega 4 (55), completed</b> <span style="float: right;">Mon Jan 30 18:01:30 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +35D TO +45D FROM 51; AFTER 54 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 6 Vega 4 (55) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA		STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

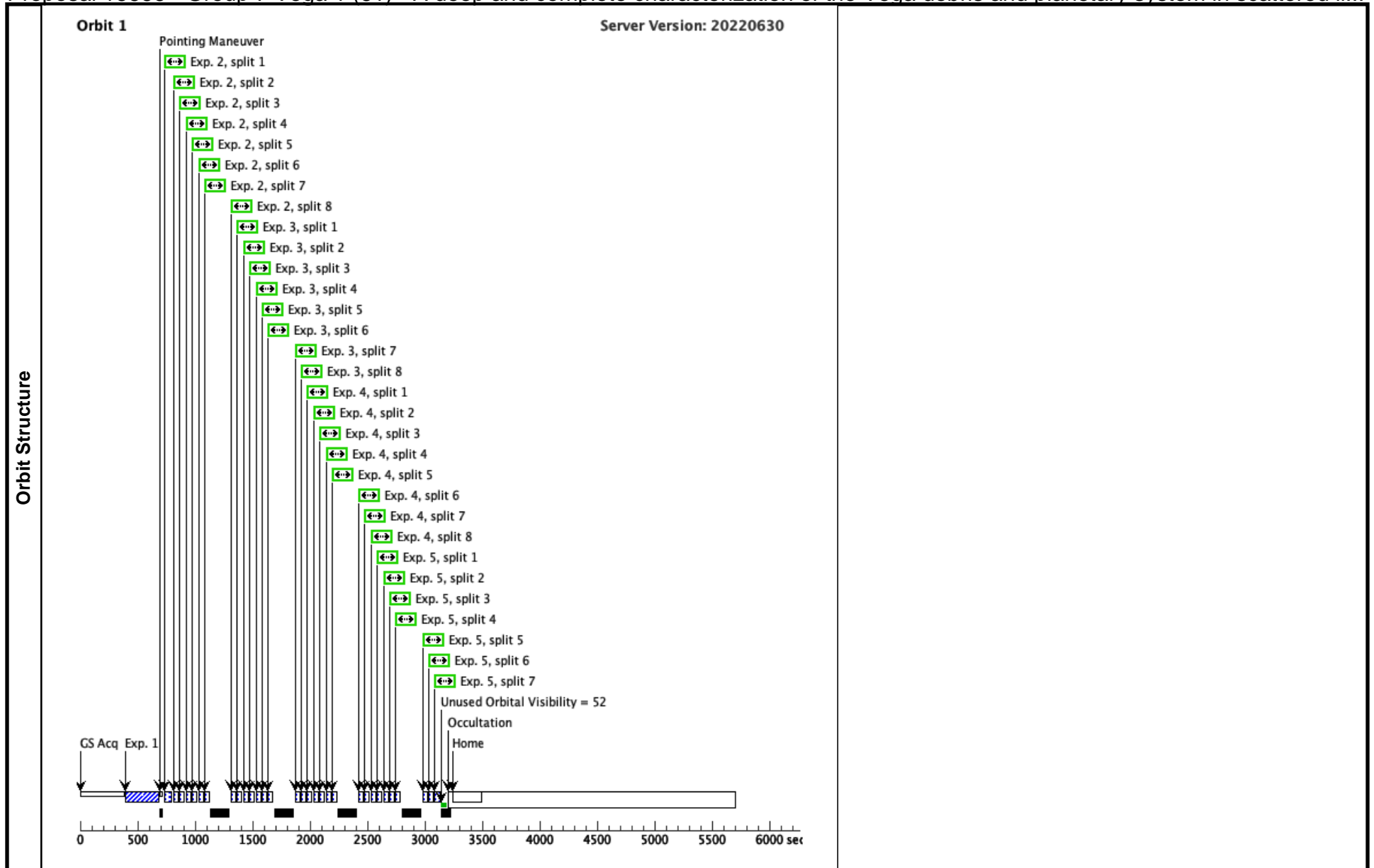


Proposal 16666 - Group 7 Vega 1 (61) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 7 Vega 1 (61), completed</b> <span style="float: right;">Mon Jan 30 18:01:30 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 234.5D TO 274.5 D					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 7 Vega 1 (61) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA		STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

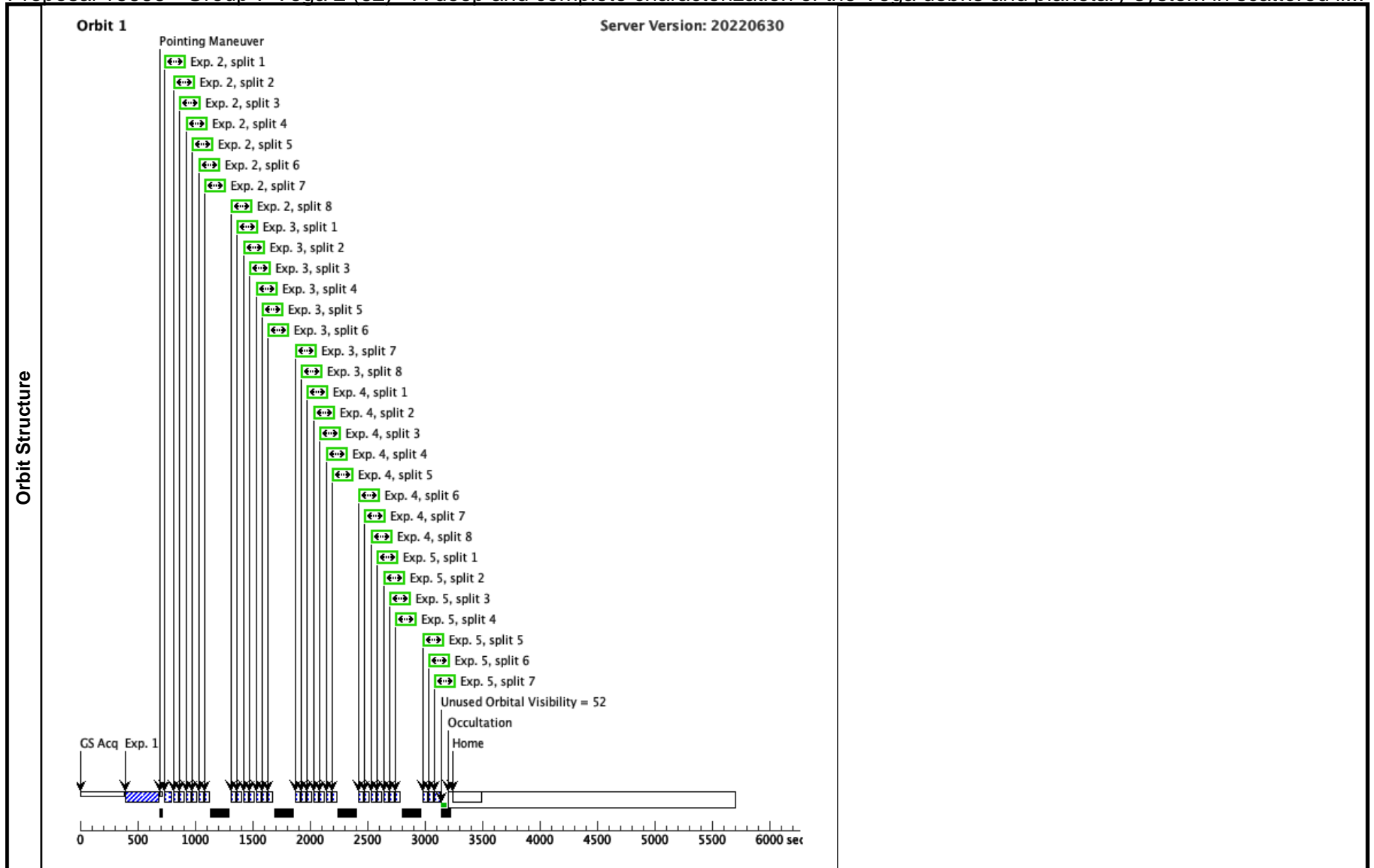


Proposal 16666 - Group 7 Vega 2 (62) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 7 Vega 2 (62), completed</b> <span style="float: right;">Mon Jan 30 18:01:30 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +5D TO +15D FROM 61; AFTER 61 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 7 Vega 2 (62) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VEGA		STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5	(1) VEGA		STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

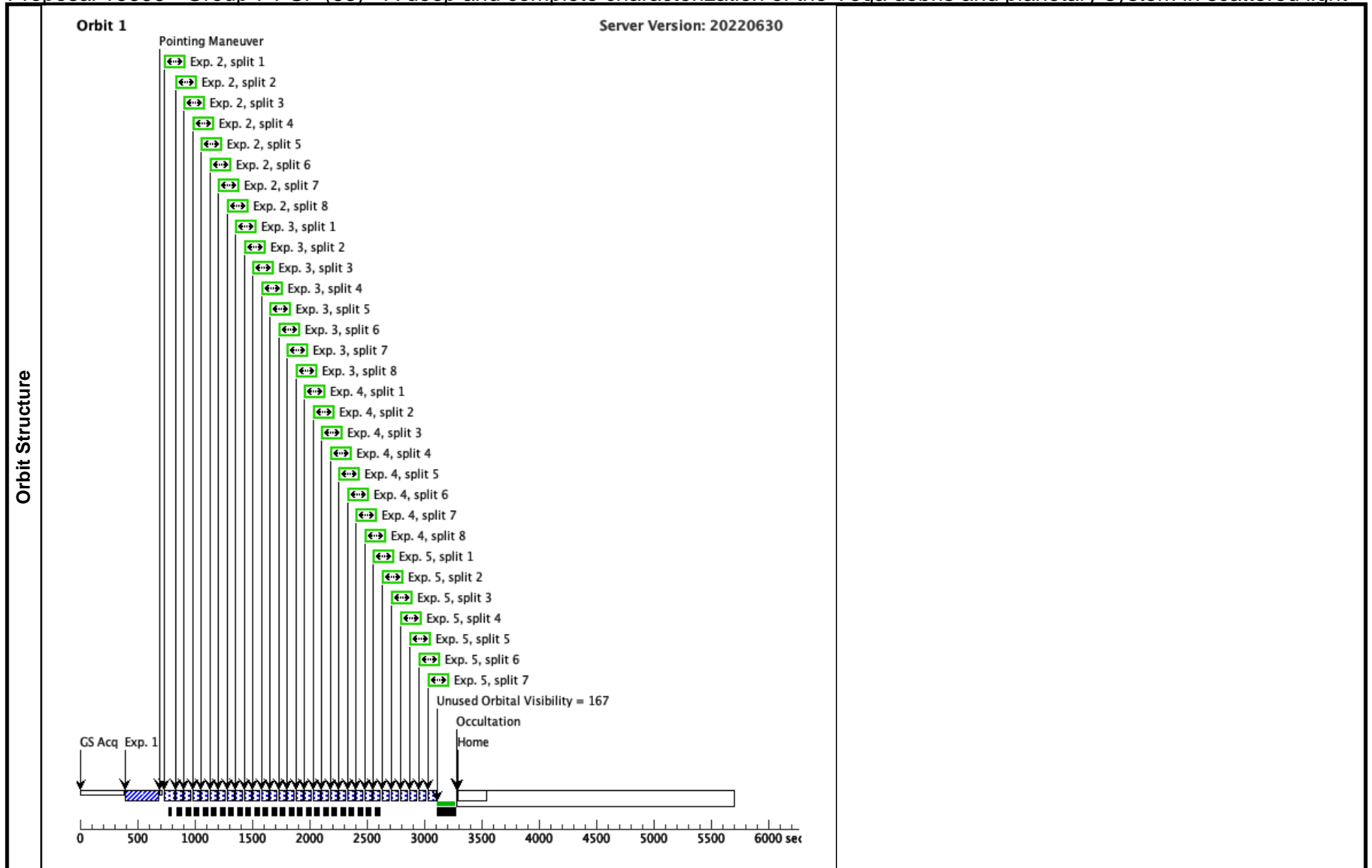


Proposal 16666 - Group 7 PSF (63) - A deep and complete characterization of the Vega debris and planetary system in scattered light

<b>Visit</b>	<b>Proposal 16666, Group 7 PSF (63), completed</b> <span style="float: right;">Mon Jan 30 18:01:30 GMT 2023</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; AFTER 62 BY 0.5 Orbits TO 1.5 Orbits																	
	<b>Diagnostics</b>	(Group 7 PSF (63)) Warning (Orbit Planner): STIS EXPOSURE TIME ROUNDED DOWN TO NEAREST 0.1 SECONDS																
(Group 7 PSF (63)) Warning (Orbit Planner): STIS EXPOSURE TIME ROUNDED DOWN TO NEAREST 0.1 SECONDS																		
(Group 7 PSF (63)) Warning (Orbit Planner): STIS EXPOSURE TIME ROUNDED DOWN TO NEAREST 0.1 SECONDS																		
(Group 7 PSF (63)) Warning (Orbit Planner): STIS EXPOSURE TIME ROUNDED DOWN TO NEAREST 0.1 SECONDS																		
(Group 7 PSF (63)) Warning (Orbit Planner): STIS EXPOSURE TIME ROUNDED DOWN TO NEAREST 0.1 SECONDS																		
(Group 7 PSF (63)) Warning (Orbit Planner): STIS EXPOSURE TIME ROUNDED DOWN TO NEAREST 0.1 SECONDS																		
(Group 7 PSF (63)) Warning (Orbit Planner): STIS EXPOSURE TIME ROUNDED DOWN TO NEAREST 0.1 SECONDS																		
<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>VEGA-PSF-ALF-CYG</td> <td>RA: 20 41 25.9181 (310.3579921d) Dec: +45 16 49.25 (45.28035d) Equinox: J2000</td> <td>Proper Motion RA: 1.9043870499366652E-4 sec of time/yr Proper Motion Dec: 0.0018499999999999999 arcsec/yr Epoch of Position: 2015.5</td> <td>V=1.25</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	VEGA-PSF-ALF-CYG	RA: 20 41 25.9181 (310.3579921d) Dec: +45 16 49.25 (45.28035d) Equinox: J2000	Proper Motion RA: 1.9043870499366652E-4 sec of time/yr Proper Motion Dec: 0.0018499999999999999 arcsec/yr Epoch of Position: 2015.5	V=1.25	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[A0-A3 III-I]				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(2)	VEGA-PSF-ALF-CYG	RA: 20 41 25.9181 (310.3579921d) Dec: +45 16 49.25 (45.28035d) Equinox: J2000	Proper Motion RA: 1.9043870499366652E-4 sec of time/yr Proper Motion Dec: 0.0018499999999999999 arcsec/yr Epoch of Position: 2015.5	V=1.25	Reference Frame: ICRS													

Proposal 16666 - Group 7 PSF (63) - A deep and complete characterization of the Vega debris and planetary system in scattered light

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
									[==>]	[1]
	2		(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3		(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs)	
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
4		(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			246.4 Secs (246.4 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
5		(2) VEGA-PSF-ALF -CYG	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			240 Secs (240 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]	

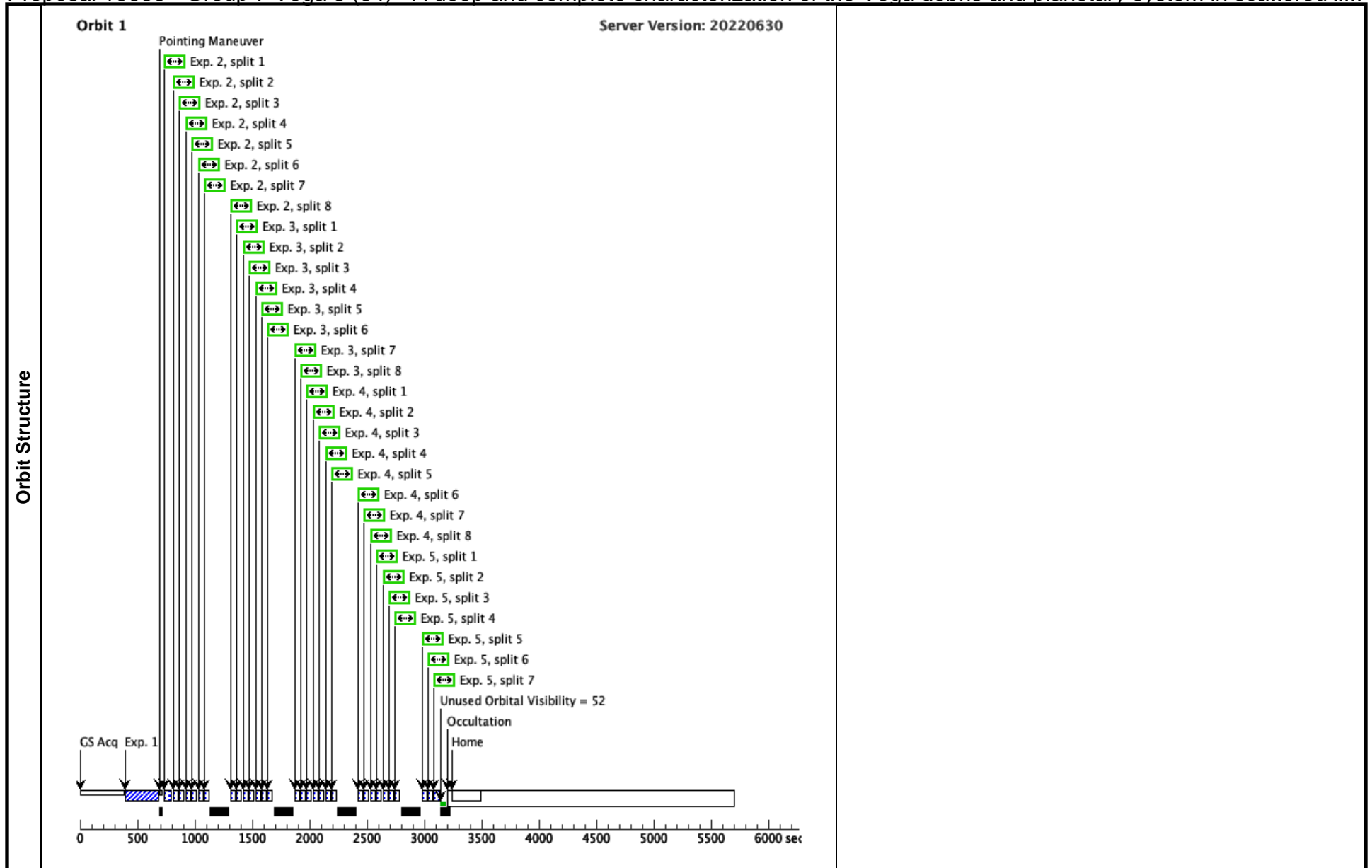


Proposal 16666 - Group 7 Vega 3 (64) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 7 Vega 3 (64), completed</b> <span style="float: right;">Mon Jan 30 18:01:30 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +20D TO +30D FROM 61; AFTER 63 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 7 Vega 3 (64) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]



Proposal 16666 - Group 7 Vega 4 (65) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

<b>Visit</b>	<b>Proposal 16666, Group 7 Vega 4 (65), completed</b> <span style="float: right;">Mon Jan 30 18:01:30 GMT 2023</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT +35D TO +45D FROM 61; AFTER 64 BY 0.5 Orbits TO 1.5 Orbits					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		VEGA	RA: 18 36 56.6027 (279.2358446d) Dec: +38 47 5.72 (38.78492d) Equinox: J2000	Proper Motion RA: 0.01718531256744208 sec of time/yr Proper Motion Dec: 0.28623000000000004 arcsec/yr Epoch of Position: 2015.5	V=0.03	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[A0-A3 V-IV]						

Proposal 16666 - Group 7 Vega 4 (65) - A deep and complete characterization of the Vega debris and planetary system in scattered li...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) VEGA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=8; GAIN=4			80 Secs (80 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(1) VEGA	STIS/CCD, ACCUM, WEDGEB2.8	MIRROR	CR-SPLIT=7; GAIN=4			70 Secs (70 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]

