



15629 - MASSIVE STaR Outflows (MAESTRO)

Cycle: 26, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Dr. Jean-Claude Bouret (CoI) (ESA Member)	CNRS, Laboratoire d'Astrophysique de Marseille	jean-claude.bouret@lam.fr

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) BAT99-113	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:00:41.0	yes
02	(2) BAT99-114	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:00:42.0	yes
03	(3) BREY-74A	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:00:42.0	yes
04	(4) BAT99-97	COS/FUV	1	23-Dec-2019 08:00:43.0	yes
05	(5) HD-269883	COS/FUV	1	23-Dec-2019 08:00:44.0	yes
06	(6) 2MASS-J05384677-6906030	COS/FUV	1	23-Dec-2019 08:00:45.0	yes

Proposal 15629 (STScI Edit Number: 0, Created: Monday, December 23, 2019 at 8:01:11 AM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
07	(7) W61-7-19	COS/FUV	1	23-Dec-2019 08:00:46.0	yes
08	(8) ST92-1-60	COS/FUV COS/NUV	1	23-Dec-2019 08:00:47.0	yes
09	(9) M2002-LMC-169366	COS/FUV COS/NUV	1	23-Dec-2019 08:00:47.0	yes
10	(10) UCAC2-1803316	COS/FUV COS/NUV	1	23-Dec-2019 08:00:48.0	yes
11	(11) 2MASS-J05380840-6905446	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:00:49.0	yes
12	(12) W61-7-7	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:00:49.0	yes
13	(13) 2MASS-J05384539-6902514	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:00:50.0	yes
14	(14) 2MASS-J05383233-6905237	COS/FUV	1	23-Dec-2019 08:00:51.0	yes
15	(15) VFTS-422	COS/FUV	1	23-Dec-2019 08:00:52.0	yes
16	(16) 2MASS-J05384654-6904279	COS/FUV	1	23-Dec-2019 08:00:53.0	yes
17	(17) 2MASS-J05373854-6910199	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:00:53.0	yes
18	(18) 2MASS-J05375180-6904248	COS/FUV COS/NUV	1	23-Dec-2019 08:00:54.0	yes
19	(19) VFTS440	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:00:55.0	yes
20	(20) 2MASS-J05385293-6906113	COS/FUV	1	23-Dec-2019 08:00:55.0	yes
21	(21) 2MASS-J05373664-6907318	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:00:56.0	yes
22	(22) UCAC2-1803324	COS/FUV	1	23-Dec-2019 08:00:57.0	yes

Proposal 15629 (STScI Edit Number: 0, Created: Monday, December 23, 2019 at 8:01:11 AM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
23	(23) VFTS-235	COS/FUV COS/NUV	1	23-Dec-2019 08:00:57.0	yes
24	(24) VFTS-280	COS/FUV COS/NUV	1	23-Dec-2019 08:00:58.0	yes
25	(25) VFTS-399	COS/FUV COS/NUV	1	23-Dec-2019 08:00:59.0	yes
26	(26) VFTS-517	COS/FUV	1	23-Dec-2019 08:01:00.0	yes
27	(27) P93-9034	COS/FUV	1	23-Dec-2019 08:01:01.0	yes
28	(28) SMC-AB-1	COS/FUV COS/NUV	1	23-Dec-2019 08:01:01.0	yes
29	(29) SMC-AB-2	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:01:03.0	yes
30	(30) LIN-160	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:01:03.0	yes
31	(31) SMC-AB-10	COS/FUV	1	23-Dec-2019 08:01:04.0	yes
32	(32) SMC-AB-11	COS/FUV	1	23-Dec-2019 08:01:05.0	yes
33	(33) DACHS-SMC-1-14	COS/FUV	1	23-Dec-2019 08:01:06.0	yes
34	(34) SK-32	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:01:06.0	yes
35	(35) SK-142	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:01:07.0	yes
36	(36) SK-101	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:01:08.0	yes
37	(37) AZV-258	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:01:08.0	yes
38	(38) CL-NGC-346-SSN-7	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:01:09.0	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>
39	(39) LIN-78	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:01:09.0	yes
40	(40) AZV-296	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:01:10.0	yes
41	(41) MA93-1694	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:01:10.0	yes
42	(42) SK-80	STIS/CCD STIS/FUV-MAMA	1	23-Dec-2019 08:01:11.0	yes

42 Total Orbits Used

ABSTRACT

Massive stars are key components of galaxies. Characterized by high luminosities and strong outflows, their evolution is strongly impacted by the amount of mass and angular momentum lost through stellar winds. While previously deemed smooth and spherically symmetric, the outflows of massive stars are now found to be inhomogeneous, i.e. clumpy. This severely hampers earlier estimates of the mass-loss rate of hot massive stars and the validity of mass-loss recipes widely adopted in stellar evolution and population synthesis computations.

In the context, the MAESTRO (MAssivE StaR Outflows) project aims to achieve a comprehensive analysis of the wind structure by combining ultraviolet and optical observational diagnostics and a new generation of stellar wind models capable of a detailed treatment of clumping structure (including porosity and vorosity).

To derive meaningful results and improve on existing mass-loss recipes, we need to study of a representative set of massive stars covering the upper Hertzsprung-Russell diagram (HRD) and in multiple metallicity environments (as required to investigate the cosmologically important metallicity dependence of the mass-loss rates).

Unfortunately, existing FUV archival data do not offer sufficient coverage of the HRD at sub-solar metallicity. We therefore propose to use COS/G140L to obtain FUV spectroscopy of 42 massive stars that have been selected to fill existing gaps in the parameter space. This will provide us with a continuous view of the mass-loss and clumping properties as a function of stellar mass and of metallicity, allowing us to derive modern prescriptions for the outflows of massive stars.

OBSERVING DESCRIPTION

The present program aims to observe FUV spectra of O- and WR-type stars in the LMC and SMC. The setup is G140L with COS. We want to reach a S/N of about 30.

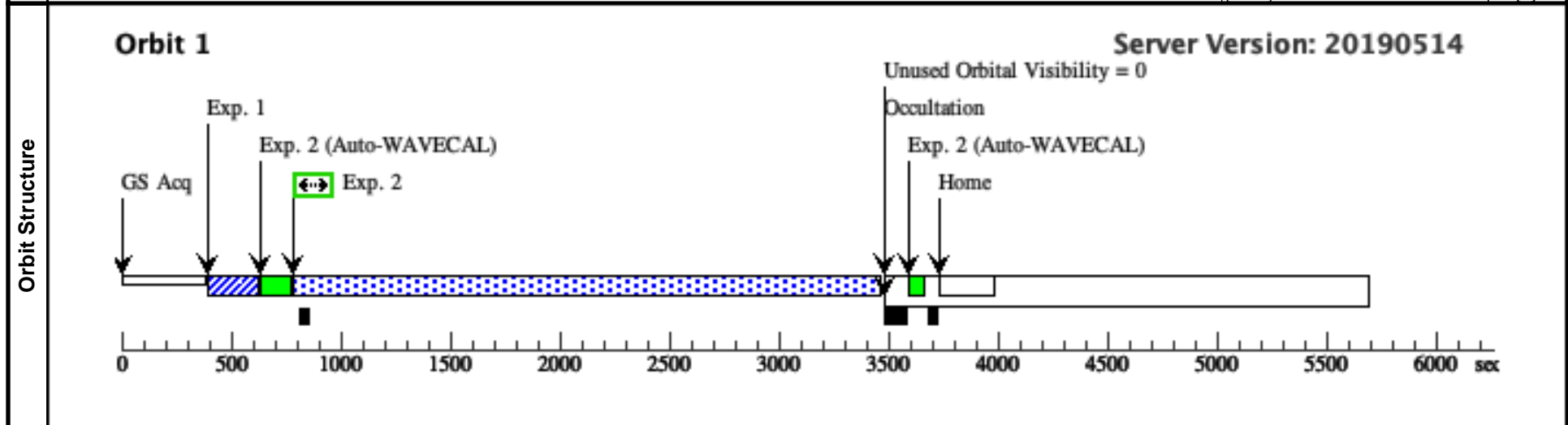
Proposal 15629 - Visit 01 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:12 GMT 2019

Visit	Proposal 15629, Visit 01, implementation				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA				
	Special Requirements: (none)				

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	BAT99-113	RA: 05 38 43.1200 (84.6796667d) Dec: -69 05 46.80 (-69.09633d) Equinox: J2000	Proper Motion RA: 1.644 mas/yr Proper Motion Dec: 0.532 mas/yr Epoch of Position: 2018	V=13.47 m_F275W=11.914, B-V=0.09, O3I/WN5	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
Category=STAR Description=[SUPERGIANT O, WOLF RAYET] Extended=NO					

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.139 8602)	(1) BAT99-113	STIS/CCD, ACQ, F28X50LP	MIRROR				0.7 Secs (0.7 Secs) [=>]	[1]
2	(STIS.sp.13 98598)	(1) BAT99-113	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				2668 Secs (2668 Secs) [=>]	[1]



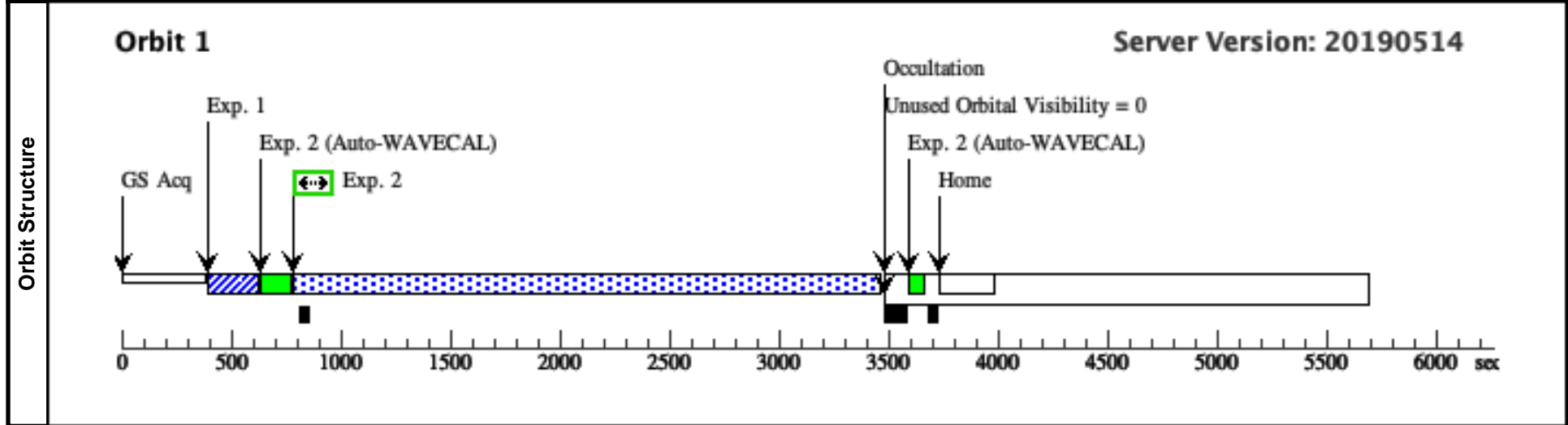
Proposal 15629 - Visit 02 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:12 GMT 2019

Visit	Proposal 15629, Visit 02, implementation				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA				
	Special Requirements: (none)				

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	BAT99-114	RA: 05 38 43.2000 (84.6800000d) Dec: -69 06 14.60 (-69.10406d) Equinox: J2000	Proper Motion RA: 1.966 mas/yr Proper Motion Dec: 1.2 mas/yr Epoch of Position: 2018	V=13.4 m_F275W=11.932, B-V=0.12, O3I/WN5	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
Category=STAR Description=[SUPERGIANT O, WOLF RAYET] Extended=NO					

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.139 8605)	(2) BAT99-114	STIS/CCD, ACQ, F28X50LP	MIRROR				0.5 Secs (0.5 Secs) [=>]	[1]
2	(STIS.sp.13 98606)	(2) BAT99-114	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				2668 Secs (2668 Secs) [=>]	[1]



Proposal 15629 - Visit 03 - MAssivE STaR Outflows (MAESTRO)

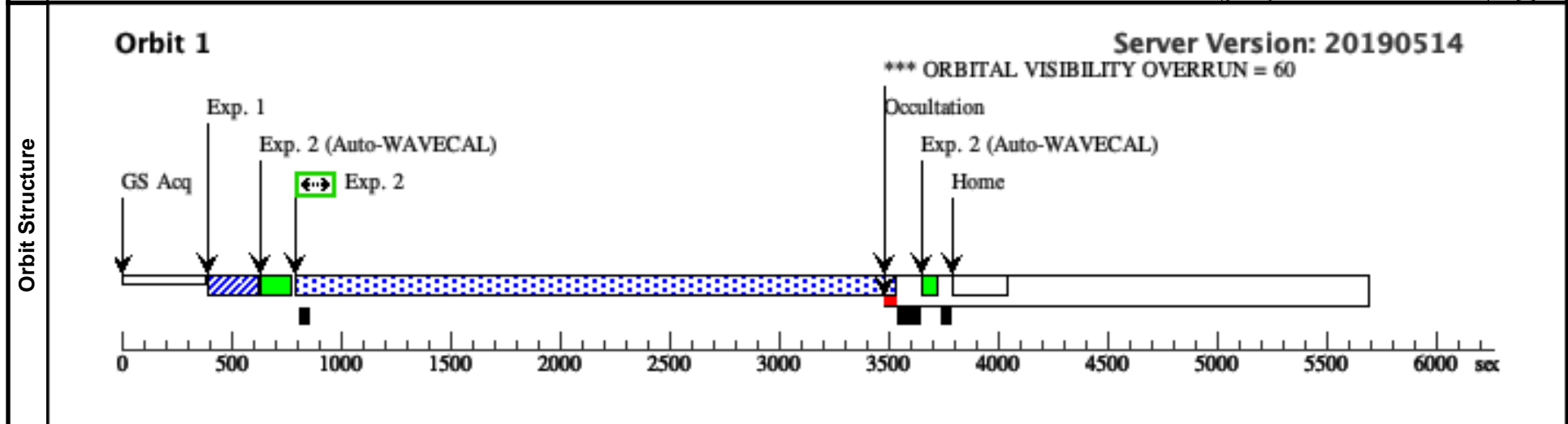
Mon Dec 23 13:01:12 GMT 2019

Visit	Proposal 15629, Visit 03, completed Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 03) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(3)</td> <td>BREY-74A</td> <td>RA: 05 37 51.3384 (84.4639100d) Dec: -69 09 46.69 (-69.16297d) Equinox: J2000</td> <td>Proper Motion RA: 1.674 mas/yr Proper Motion Dec: 0.736 mas/yr Epoch of Position: 2018</td> <td>V=13.446 m_F275W=12.08, B-V= -0.08 ; O3I</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	BREY-74A	RA: 05 37 51.3384 (84.4639100d) Dec: -69 09 46.69 (-69.16297d) Equinox: J2000	Proper Motion RA: 1.674 mas/yr Proper Motion Dec: 0.736 mas/yr Epoch of Position: 2018	V=13.446 m_F275W=12.08, B-V= -0.08 ; O3I	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(3)	BREY-74A	RA: 05 37 51.3384 (84.4639100d) Dec: -69 09 46.69 (-69.16297d) Equinox: J2000	Proper Motion RA: 1.674 mas/yr Proper Motion Dec: 0.736 mas/yr Epoch of Position: 2018	V=13.446 m_F275W=12.08, B-V= -0.08 ; O3I	Reference Frame: ICRS								
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[SUPERGIANT O, WOLF RAYET] Extended=NO													

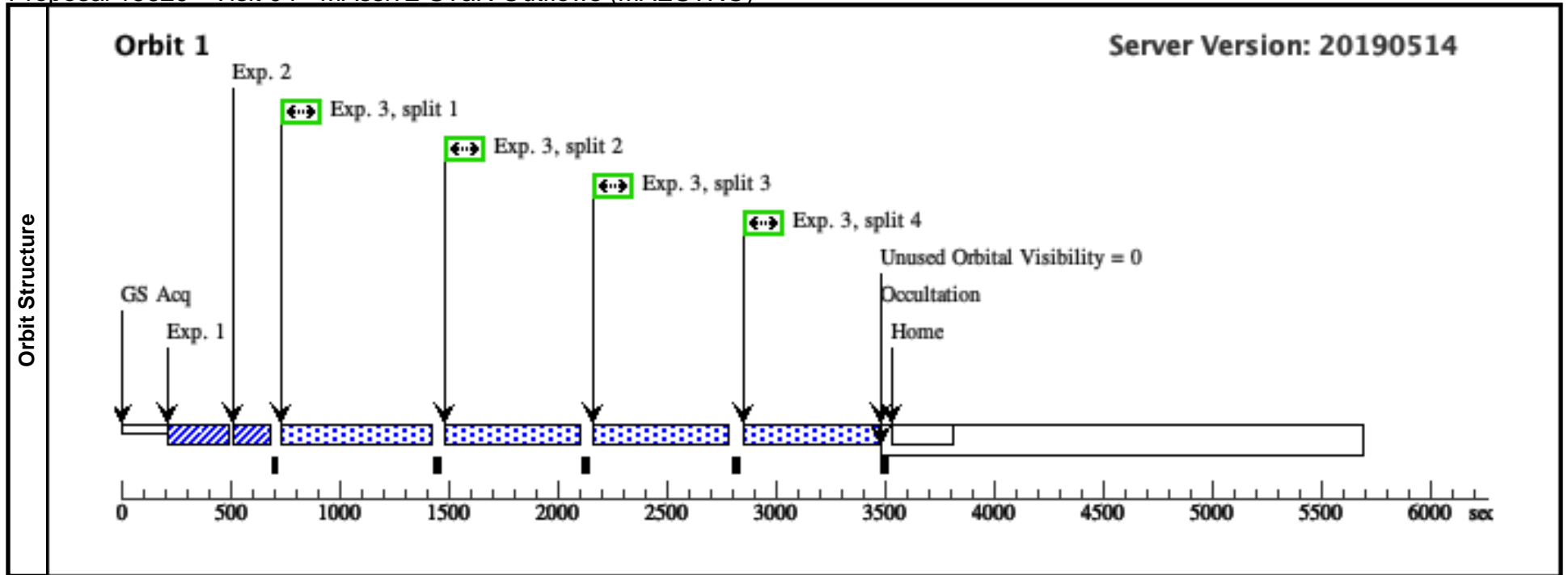
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8237)	(3) BREY-74A	STIS/CCD, ACQ, F28X50LP	MIRROR					1.1 Secs (1.1 Secs) [==>]
2	(STIS.sp.13 54186)	(3) BREY-74A	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2726 Secs (2726 Secs) [==>]	[1]



Proposal 15629 - Visit 04 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:12 GMT 2019

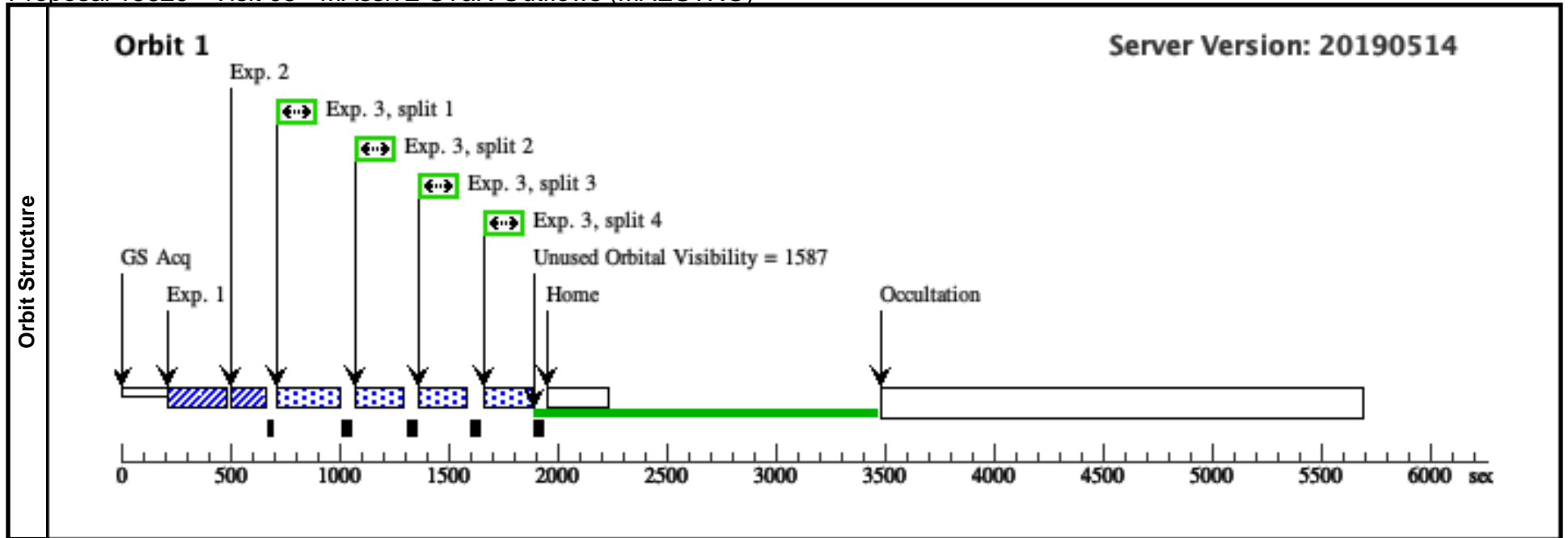
Visit	Proposal 15629, Visit 04, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																																	
	(Visit 04) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.																																																	
Fixed Targets	<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>(4)</td> <td>BAT99-97</td> <td>RA: 05 38 38.8398 (84.6618325d) Dec: -69 06 49.55 (-69.11376d) Equinox: J2000</td> <td>Proper Motion RA: 1.81 mas/yr Proper Motion Dec: 0.64 mas/yr Epoch of Position: 2018</td> <td>V=13.74 m_F336W = 12.98, B-V=0.49, O3.5I/WN7</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(4)	BAT99-97	RA: 05 38 38.8398 (84.6618325d) Dec: -69 06 49.55 (-69.11376d) Equinox: J2000	Proper Motion RA: 1.81 mas/yr Proper Motion Dec: 0.64 mas/yr Epoch of Position: 2018	V=13.74 m_F336W = 12.98, B-V=0.49, O3.5I/WN7	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[SUPERGIANT O, WOLF RAYET] Extended=NO																																				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																												
(4)	BAT99-97	RA: 05 38 38.8398 (84.6618325d) Dec: -69 06 49.55 (-69.11376d) Equinox: J2000	Proper Motion RA: 1.81 mas/yr Proper Motion Dec: 0.64 mas/yr Epoch of Position: 2018	V=13.74 m_F336W = 12.98, B-V=0.49, O3.5I/WN7	Reference Frame: ICRS																																													
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</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>(COS.sa.138 7317)</td> <td>(4) BAT99-97</td> <td>COS/FUV, ACQ/PEAKXD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3</td> <td></td> <td></td> <td>4.1 Secs (4.1 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.sa.138 7317)</td> <td>(4) BAT99-97</td> <td>COS/FUV, ACQ/PEAKD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9</td> <td></td> <td></td> <td>4.1 Secs (4.1 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.138 7263)</td> <td>(4) BAT99-97</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FP-POS=ALL; BUFFER-TIME=29 10; SEGMENT=A</td> <td></td> <td></td> <td>569 Secs (2276 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.sa.138 7317)	(4) BAT99-97	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			4.1 Secs (4.1 Secs) [==>]	[1]	2	(COS.sa.138 7317)	(4) BAT99-97	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			4.1 Secs (4.1 Secs) [==>]	[1]	3	(COS.sp.138 7263)	(4) BAT99-97	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=29 10; SEGMENT=A			569 Secs (2276 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]									
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3	(COS.sp.138 7263)	(4) BAT99-97	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=29 10; SEGMENT=A			569 Secs (2276 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																									



Proposal 15629 - Visit 05 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:12 GMT 2019

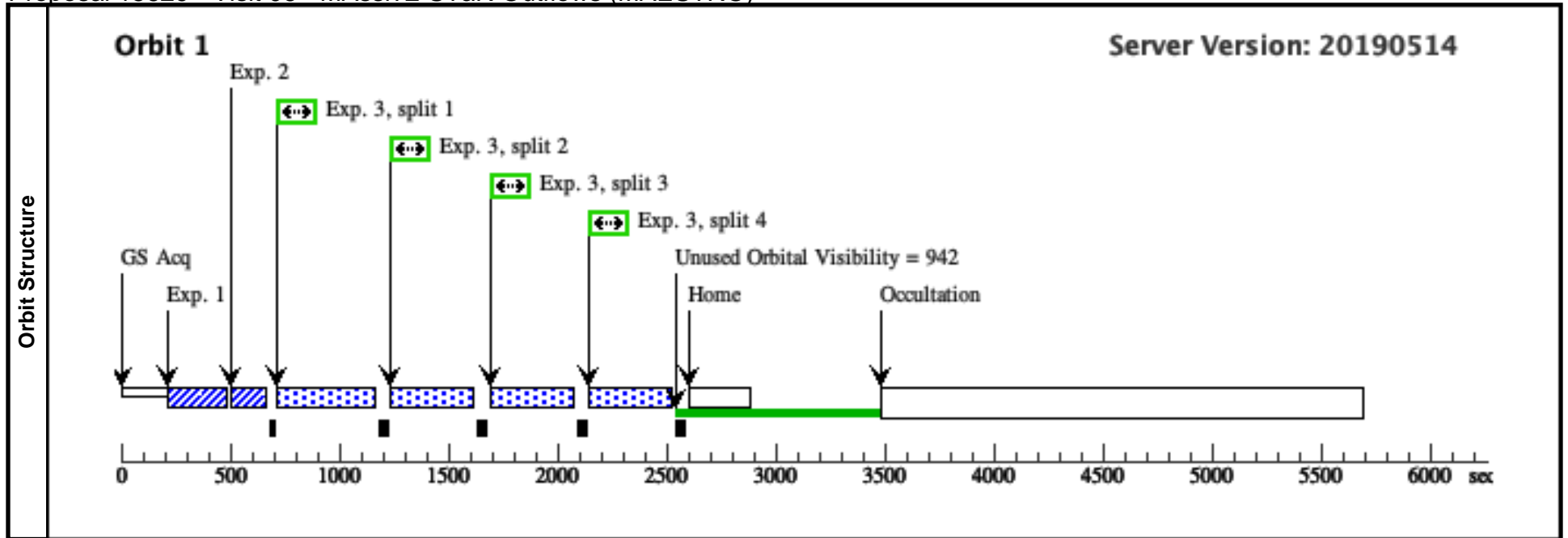
Visit	Proposal 15629, Visit 05, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																												
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>HD-269883</td> <td>RA: 05 37 40.4940 (84.4187250d) Dec: -69 07 57.71 (-69.13270d) Equinox: J2000</td> <td>Proper Motion RA: 1.654 mas/yr Proper Motion Dec: 0.71 mas/yr Epoch of Position: 2018</td> <td>V=14.077 m_F275W= 13.097, B-V= 0.06, O3.5I/WN7h</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	HD-269883	RA: 05 37 40.4940 (84.4187250d) Dec: -69 07 57.71 (-69.13270d) Equinox: J2000	Proper Motion RA: 1.654 mas/yr Proper Motion Dec: 0.71 mas/yr Epoch of Position: 2018	V=14.077 m_F275W= 13.097, B-V= 0.06, O3.5I/WN7h	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[SUPERGIANT O, WOLF RAYET] Extended=NO																															
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																							
(5)	HD-269883	RA: 05 37 40.4940 (84.4187250d) Dec: -69 07 57.71 (-69.13270d) Equinox: J2000	Proper Motion RA: 1.654 mas/yr Proper Motion Dec: 0.71 mas/yr Epoch of Position: 2018	V=14.077 m_F275W= 13.097, B-V= 0.06, O3.5I/WN7h	Reference Frame: ICRS																																								
<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</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>(COS.sa.138 6767)</td> <td>(5) HD-269883</td> <td>COS/FUV, ACQ/PEAKXD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3</td> <td></td> <td></td> <td>1.9 Secs (1.9 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.sa.138 6767)</td> <td>(5) HD-269883</td> <td>COS/FUV, ACQ/PEAKD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9</td> <td></td> <td></td> <td>1.9 Secs (1.9 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.138 7054)</td> <td>(5) HD-269883</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FP-POS=ALL; BUFFER-TIME=71 9; SEGMENT=A</td> <td></td> <td></td> <td>170 Secs (680 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>						#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.sa.138 6767)	(5) HD-269883	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			1.9 Secs (1.9 Secs) [==>]	[1]	2	(COS.sa.138 6767)	(5) HD-269883	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			1.9 Secs (1.9 Secs) [==>]	[1]	3	(COS.sp.138 7054)	(5) HD-269883	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=71 9; SEGMENT=A			170 Secs (680 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
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2	(COS.sa.138 6767)	(5) HD-269883	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			1.9 Secs (1.9 Secs) [==>]	[1]																																				
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Proposal 15629 - Visit 06 - MAssivE STaR Outflows (MAESTRO)

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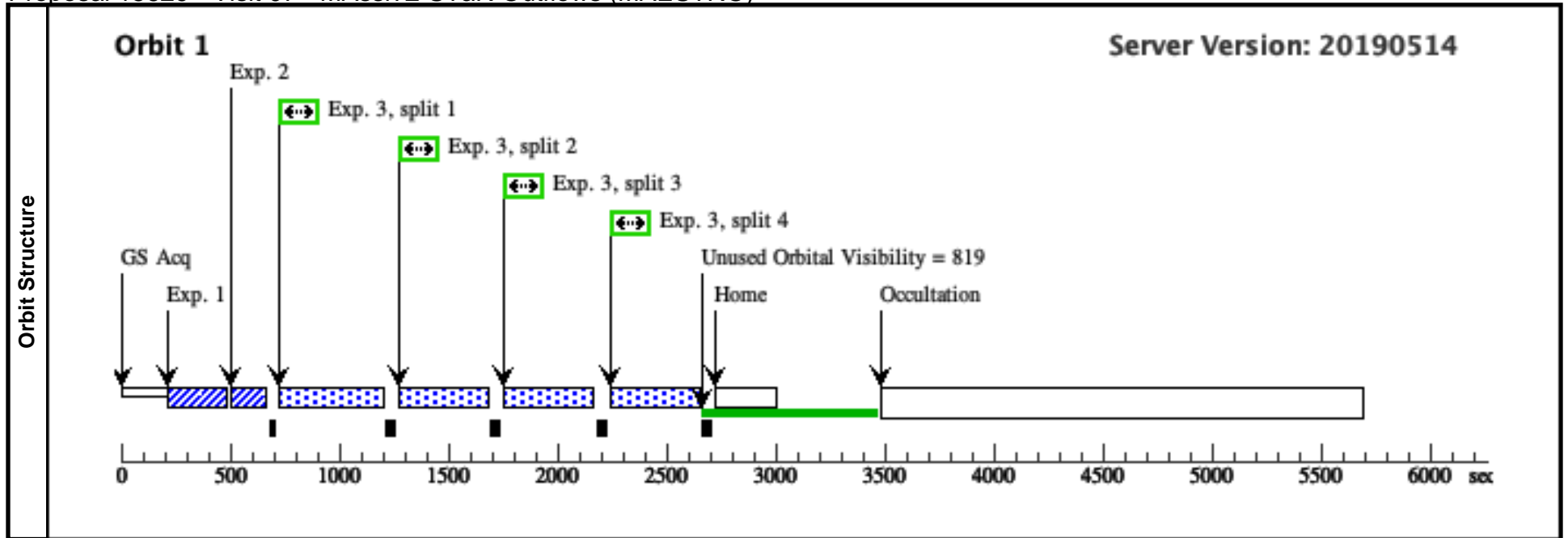
Visit	Proposal 15629, Visit 06, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: ORIENT 340D TO 105 D																																																	
	(Visit 06) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.																																																	
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Proposal 15629 - Visit 07 - MAssivE STaR Outflows (MAESTRO)

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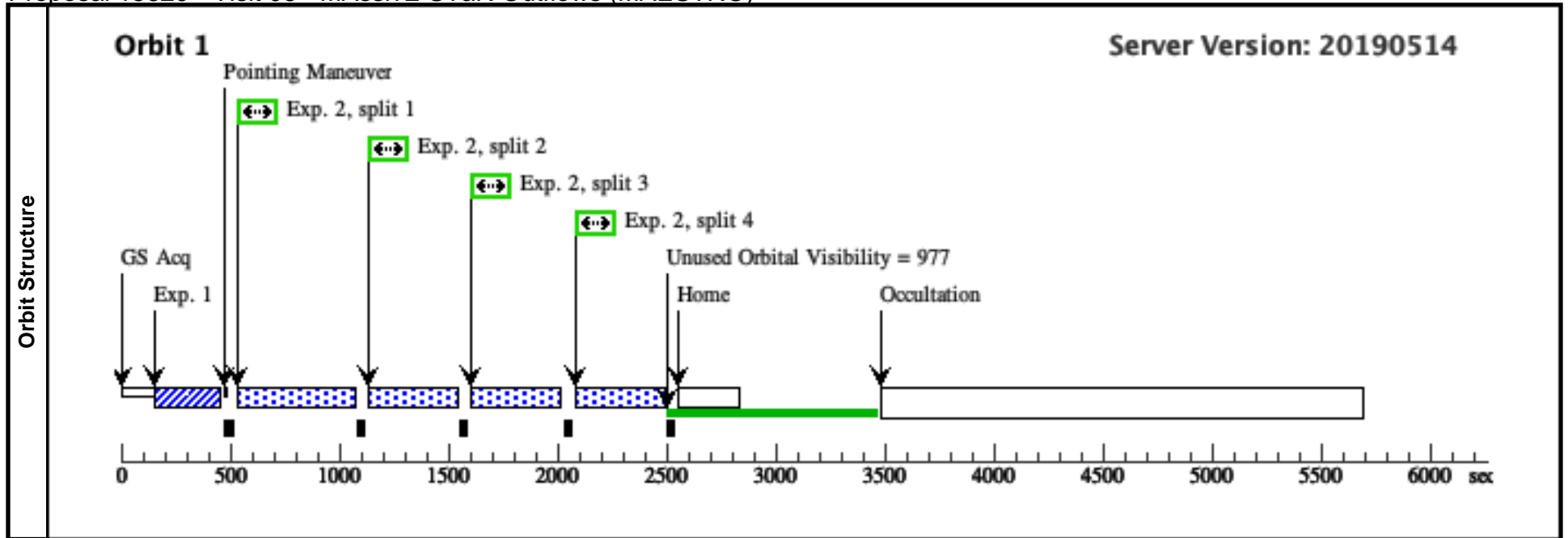
Visit	Proposal 15629, Visit 07, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																																	
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(7)</td> <td>W61-7-19</td> <td>RA: 05 38 52.7233 (84.7196804d) Dec: -69 06 43.25 (-69.11201d) Equinox: J2000</td> <td>Proper Motion RA: 1.763 mas/yr Proper Motion Dec: 0.865 mas/yr Epoch of Position: 2018</td> <td>V=13.937 F336W=13.374, B-V=0.2, O7I</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(7)	W61-7-19	RA: 05 38 52.7233 (84.7196804d) Dec: -69 06 43.25 (-69.11201d) Equinox: J2000	Proper Motion RA: 1.763 mas/yr Proper Motion Dec: 0.865 mas/yr Epoch of Position: 2018	V=13.937 F336W=13.374, B-V=0.2, O7I	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[SUPERGIANT O] Extended=NO																																				
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Proposal 15629 - Visit 08 - MAssivE STaR Outflows (MAESTRO)

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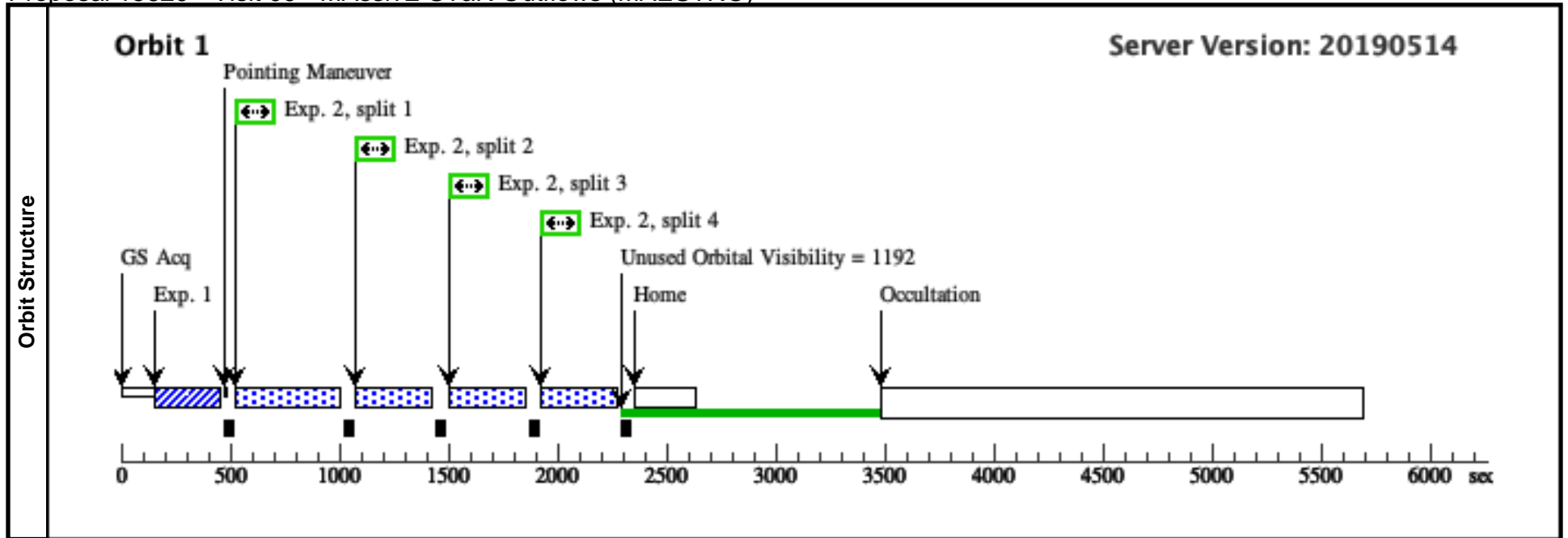
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(8)</td> <td>ST92-1-60</td> <td>RA: 05 37 45.9600 (84.4415000d) Dec: -69 11 9.20 (-69.18589d) Equinox: J2000</td> <td>Proper Motion RA: 1.797 mas/yr Proper Motion Dec: 0.306 mas/yr Epoch of Position: 2018</td> <td>V=15.44 m_F275W=14.365, B-V=0.19, O3.5V</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(8)	ST92-1-60	RA: 05 37 45.9600 (84.4415000d) Dec: -69 11 9.20 (-69.18589d) Equinox: J2000	Proper Motion RA: 1.797 mas/yr Proper Motion Dec: 0.306 mas/yr Epoch of Position: 2018	V=15.44 m_F275W=14.365, B-V=0.19, O3.5V	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[MAIN SEQUENCE O] Extended=NO																										
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Proposal 15629 - Visit 09 - MAssivE STaR Outflows (MAESTRO)

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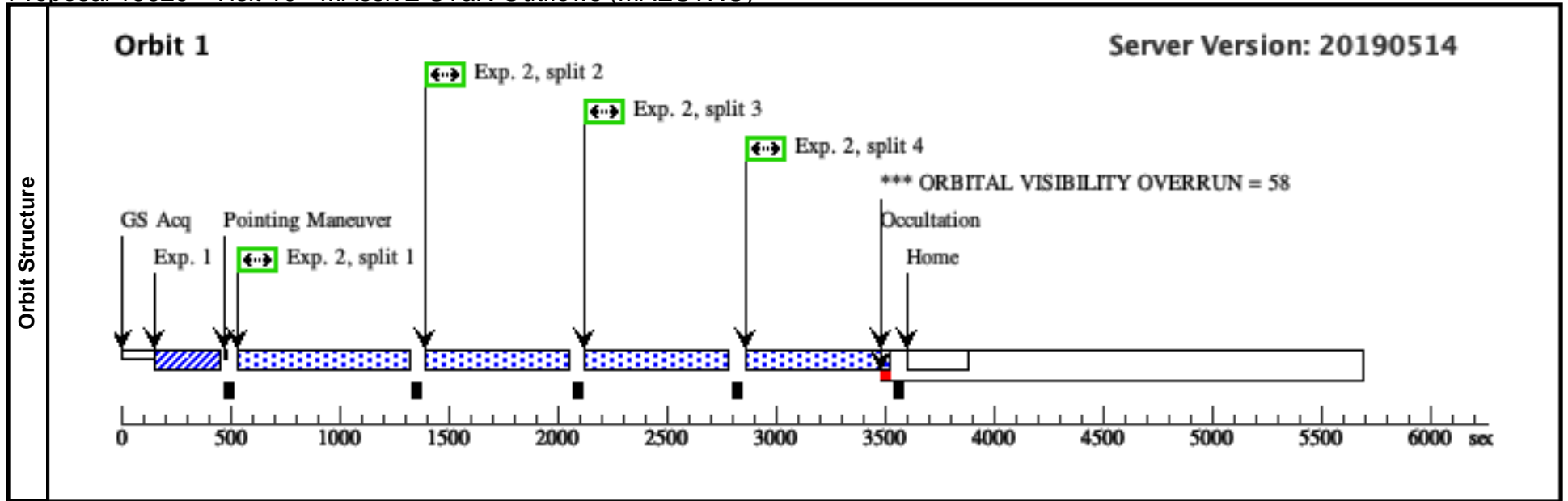
Visit	Proposal 15629, Visit 09, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)																																			
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	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																														
(9)	M2002-LMC-169366	RA: 05 37 49.9183 (84.4579929d) Dec: -69 10 27.88 (-69.17441d) Equinox: J2000	Proper Motion RA: 1.541 mas/yr Proper Motion Dec: 0.823 mas/yr Epoch of Position: 2018	V=14.437 m_F275W= 13.477, B-V= 0.03, O3V	Reference Frame: ICRS																															
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</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>(COS.ta.138 7019)</td> <td>(9) M2002-LMC-16 9366</td> <td>COS/NUV, ACQ/IMAGE, PSA</td> <td>MIRRORB</td> <td></td> <td></td> <td></td> <td>2.2 Secs (2.2 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.sp.138 7021)</td> <td>(9) M2002-LMC-16 9366</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FP-POS=ALL; SEGMENT=A; BUFFER-TIME=11 38</td> <td></td> <td></td> <td>300 Secs (1200 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.138 7019)	(9) M2002-LMC-16 9366	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				2.2 Secs (2.2 Secs) [==>]	[1]	2	(COS.sp.138 7021)	(9) M2002-LMC-16 9366	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; SEGMENT=A; BUFFER-TIME=11 38			300 Secs (1200 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]					
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																											
1	(COS.ta.138 7019)	(9) M2002-LMC-16 9366	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				2.2 Secs (2.2 Secs) [==>]	[1]																											
2	(COS.sp.138 7021)	(9) M2002-LMC-16 9366	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; SEGMENT=A; BUFFER-TIME=11 38			300 Secs (1200 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																											



Proposal 15629 - Visit 10 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:12 GMT 2019

Visit	Proposal 15629, Visit 10, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	(Visit 10) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (Visit 10) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	UCAC2-1803316	RA: 05 37 59.0528 (84.4960533d) Dec: -69 11 56.71 (-69.19909d) Equinox: J2000	Proper Motion RA: 1.623 mas/yr Proper Motion Dec: 0.671 mas/yr Epoch of Position: 2018	V=14.389 m_F275W= 13.909, B-V= 0.25, O4V	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[MAIN SEQUENCE O] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.138 6578)	(10) UCAC2-180331 6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				3.4 Secs (3.4 Secs)	
									[==>]	[1]
2	(COS.sp.138 6608)	(10) UCAC2-180331 6	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=24 35; SEGMENT=A				612 Secs (2448 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



Proposal 15629 - Visit 11 - MAssivE STaR Outflows (MAESTRO)

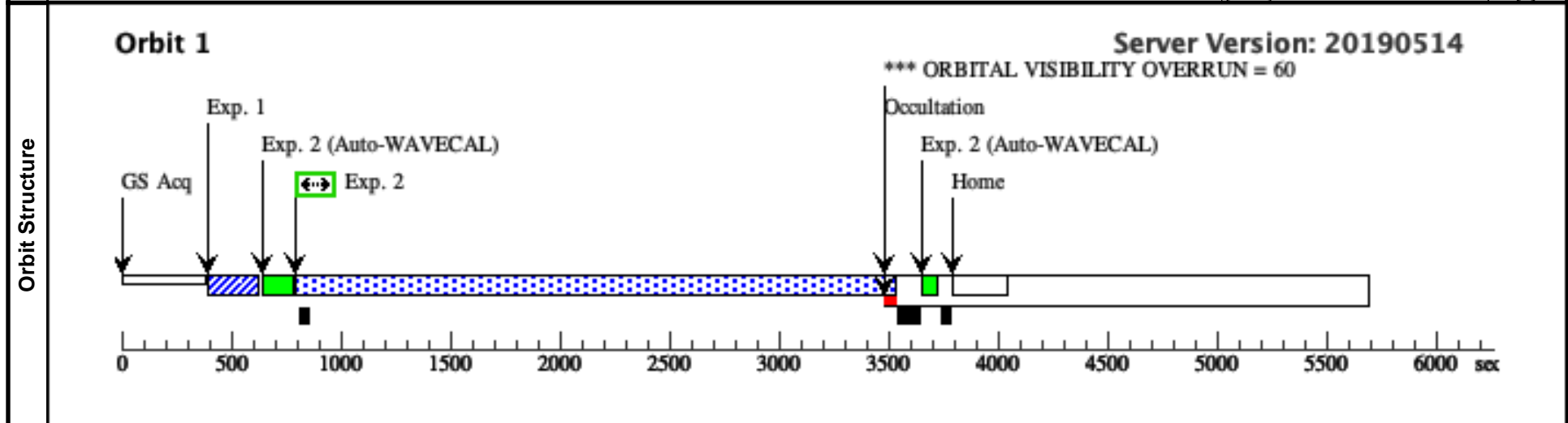
Mon Dec 23 13:01:12 GMT 2019

Visit	Proposal 15629, Visit 11, completed Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 11) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(11)</td> <td>2MASS-J05380840-6905446</td> <td>RA: 05 38 8.4090 (84.5350375d) Dec: -69 05 44.49 (-69.09569d) Equinox: J2000</td> <td>Proper Motion RA: 1.667 mas/yr Proper Motion Dec: 0.703 mas/yr Epoch of Position: 2018</td> <td>V=14.04 m_F275W~12.5, B-V=-0.10, O5 III</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=[GIANT O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(11)	2MASS-J05380840-6905446	RA: 05 38 8.4090 (84.5350375d) Dec: -69 05 44.49 (-69.09569d) Equinox: J2000	Proper Motion RA: 1.667 mas/yr Proper Motion Dec: 0.703 mas/yr Epoch of Position: 2018	V=14.04 m_F275W~12.5, B-V=-0.10, O5 III	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(11)	2MASS-J05380840-6905446	RA: 05 38 8.4090 (84.5350375d) Dec: -69 05 44.49 (-69.09569d) Equinox: J2000	Proper Motion RA: 1.667 mas/yr Proper Motion Dec: 0.703 mas/yr Epoch of Position: 2018	V=14.04 m_F275W~12.5, B-V=-0.10, O5 III	Reference Frame: ICRS								

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8235)	(11) 2MASS-J05380840-6905446	STIS/CCD, ACQ, F28X50LP	MIRROR					1.7 Secs (1.7 Secs) [=>]
2	(STIS.sp.13 53281)	(11) 2MASS-J05380840-6905446	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2724 Secs (2724 Secs) [=>]	[1]



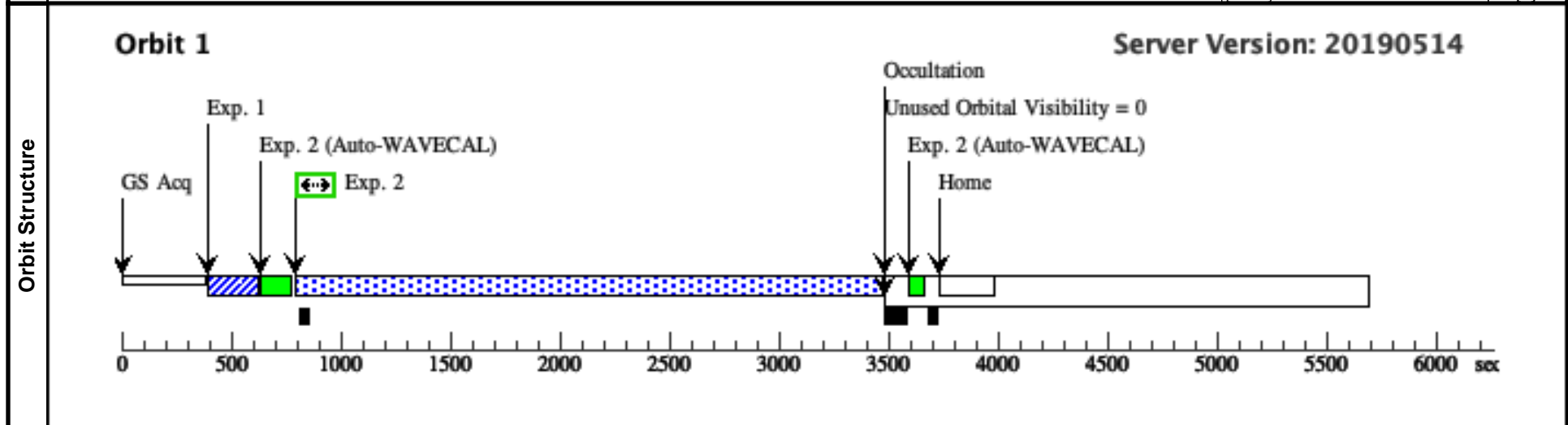
Proposal 15629 - Visit 12 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:12 GMT 2019

Visit	Proposal 15629, Visit 12, implementation				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	W61-7-7	RA: 05 38 46.1700 (84.6923750d) Dec: -69 06 17.70 (-69.10492d) Equinox: J2000		V=13.8 m_F275W=12.543, B-V= 0.08, O3III	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=STAR Description=[GIANT O] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.139 8607)	(12) W61-7-7	STIS/CCD, ACQ, F28X50LP	MIRROR				1.0 Secs (1 Secs) [=>]	[1]
	2	(STIS.sp.13 98608)	(12) W61-7-7	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				2666 Secs (2666 Secs) [=>]	[1]



Proposal 15629 - Visit 13 - MAssivE STaR Outflows (MAESTRO)

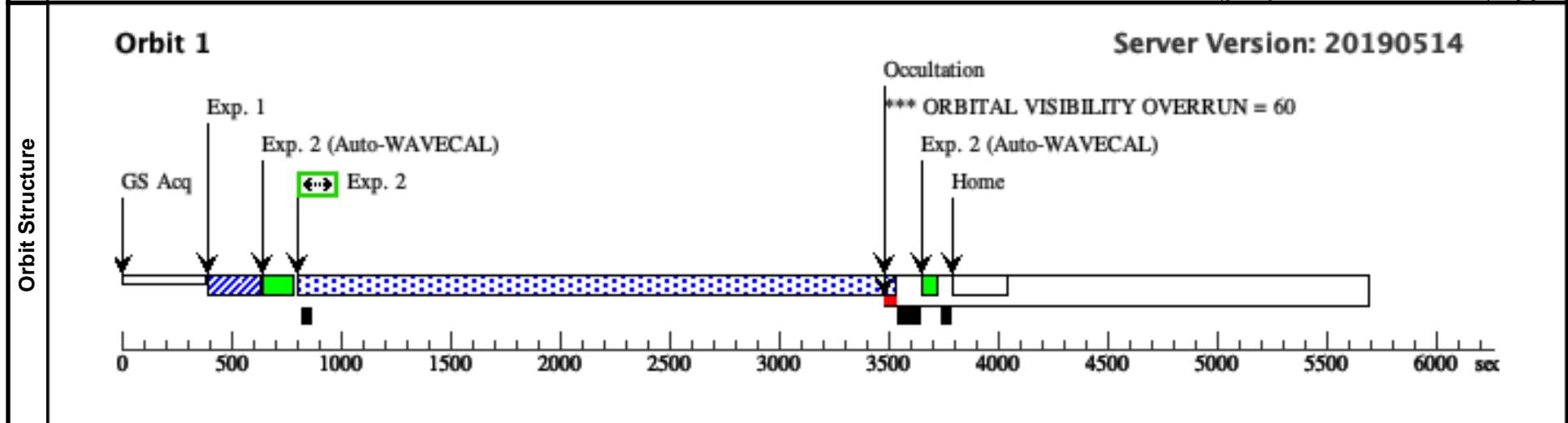
Mon Dec 23 13:01:12 GMT 2019

Visit	Proposal 15629, Visit 13, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 13) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(13)</td> <td>2MASS-J05384539-6902514</td> <td>RA: 05 38 45.3899 (84.6891246d) Dec: -69 02 51.45 (-69.04762d) Equinox: J2000</td> <td>Proper Motion RA: 1.832 mas/yr Proper Motion Dec: 0.858 mas/yr Epoch of Position: 2018</td> <td>V=14.491 m_F275W=13.244, B-V= -0.12, O4V</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=[MAIN SEQUENCE O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(13)	2MASS-J05384539-6902514	RA: 05 38 45.3899 (84.6891246d) Dec: -69 02 51.45 (-69.04762d) Equinox: J2000	Proper Motion RA: 1.832 mas/yr Proper Motion Dec: 0.858 mas/yr Epoch of Position: 2018	V=14.491 m_F275W=13.244, B-V= -0.12, O4V	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(13)	2MASS-J05384539-6902514	RA: 05 38 45.3899 (84.6891246d) Dec: -69 02 51.45 (-69.04762d) Equinox: J2000	Proper Motion RA: 1.832 mas/yr Proper Motion Dec: 0.858 mas/yr Epoch of Position: 2018	V=14.491 m_F275W=13.244, B-V= -0.12, O4V	Reference Frame: ICRS								

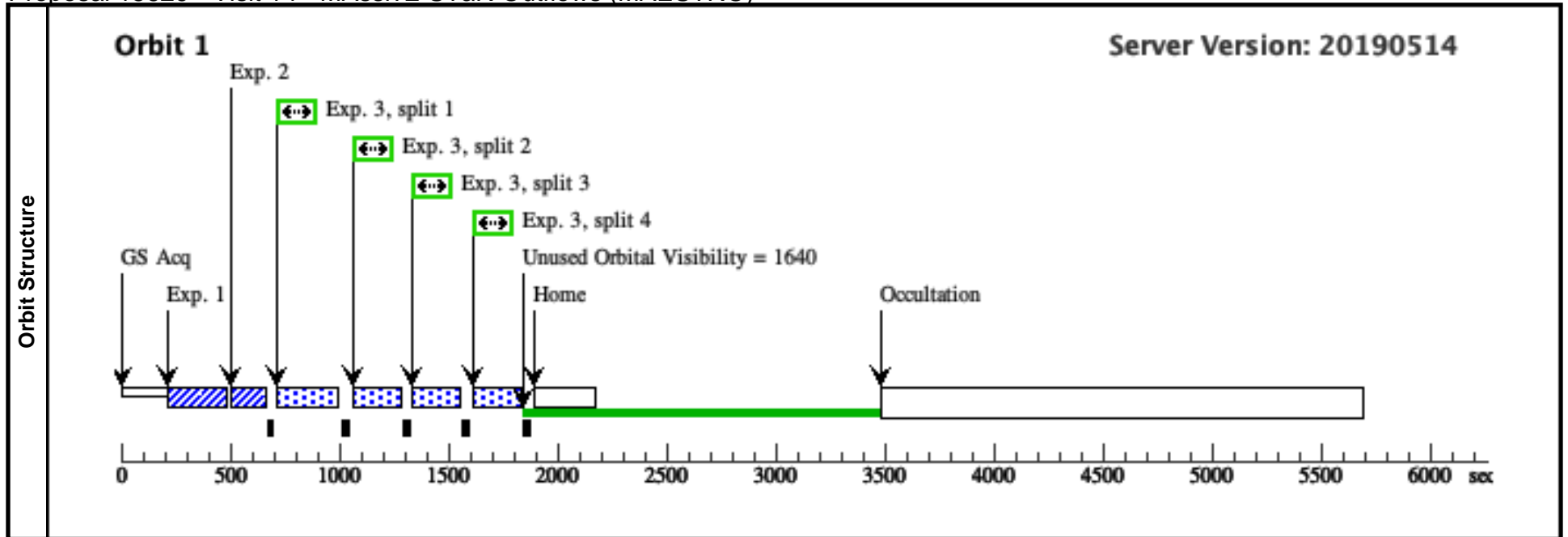
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8232)	(13) 2MASS-J05384539-6902514	STIS/CCD, ACQ, F28X50LP	MIRROR					3.6 Secs (3.6 Secs) [=>]
2	(STIS.sp.13 54185)	(13) 2MASS-J05384539-6902514	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2716 Secs (2716 Secs) [=>]	[1]



Proposal 15629 - Visit 14 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:12 GMT 2019

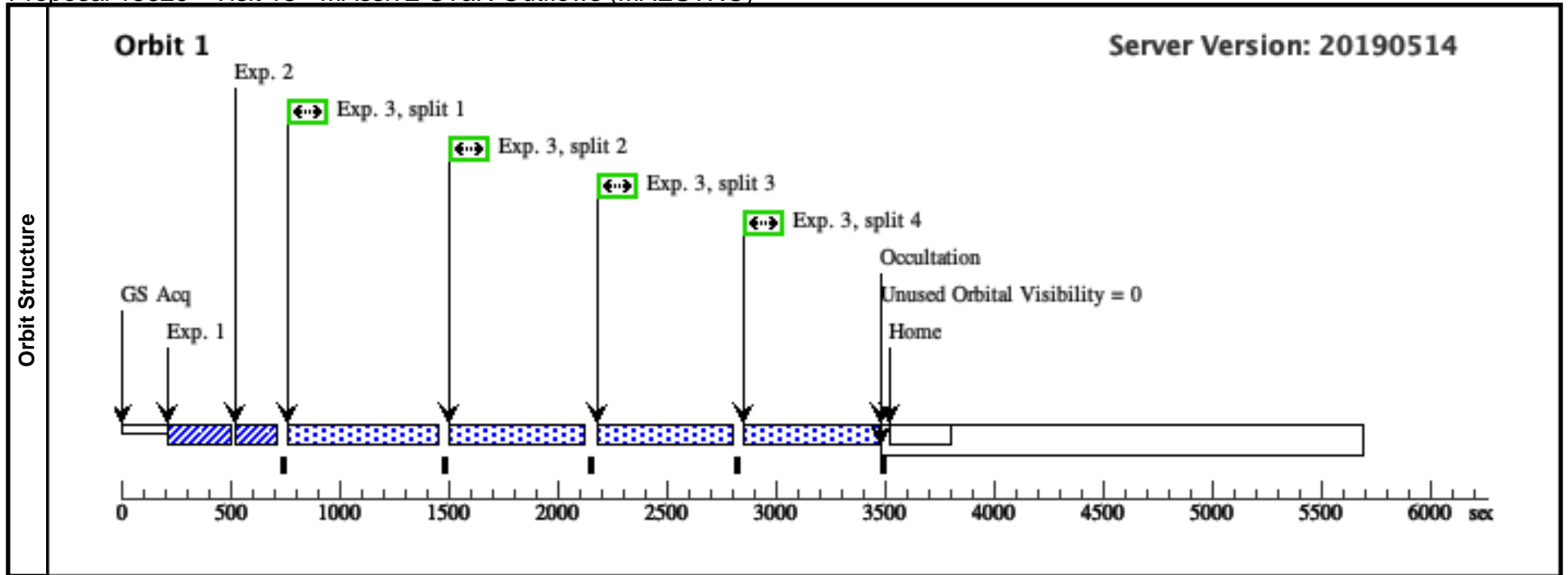
Visit	Proposal 15629, Visit 14, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																												
	(Visit 14) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.																																												
Fixed Targets	<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>(14)</td> <td>2MASS-J05383233-6905237</td> <td>RA: 05 38 32.3400 (84.6347500d) Dec: -69 05 23.70 (-69.08992d) Equinox: J2000</td> <td>Proper Motion RA: 1.809 mas/yr Proper Motion Dec: 0.783 mas/yr Epoch of Position: 2018</td> <td>V=14.65 m_F275W= 13.358, B-V= 0.0, O5V</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(14)	2MASS-J05383233-6905237	RA: 05 38 32.3400 (84.6347500d) Dec: -69 05 23.70 (-69.08992d) Equinox: J2000	Proper Motion RA: 1.809 mas/yr Proper Motion Dec: 0.783 mas/yr Epoch of Position: 2018	V=14.65 m_F275W= 13.358, B-V= 0.0, O5V	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[MAIN SEQUENCE O] Extended=NO																															
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																							
(14)	2MASS-J05383233-6905237	RA: 05 38 32.3400 (84.6347500d) Dec: -69 05 23.70 (-69.08992d) Equinox: J2000	Proper Motion RA: 1.809 mas/yr Proper Motion Dec: 0.783 mas/yr Epoch of Position: 2018	V=14.65 m_F275W= 13.358, B-V= 0.0, O5V	Reference Frame: ICRS																																								
<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</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>(COS.sa.138 7314)</td> <td>(14) 2MASS-J05383 233-6905237</td> <td>COS/FUV, ACQ/PEAKXD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3</td> <td></td> <td></td> <td>2.1 Secs (2.1 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.sa.138 7314)</td> <td>(14) 2MASS-J05383 233-6905237</td> <td>COS/FUV, ACQ/PEAKD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9</td> <td></td> <td></td> <td>2.1 Secs (2.1 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.138 5867)</td> <td>(14) 2MASS-J05383 233-6905237</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FP-POS=ALL; BUFFER-TIME=76 9; SEGMENT=A</td> <td></td> <td></td> <td>163 Secs (652 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>						#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.sa.138 7314)	(14) 2MASS-J05383 233-6905237	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			2.1 Secs (2.1 Secs) [==>]	[1]	2	(COS.sa.138 7314)	(14) 2MASS-J05383 233-6905237	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			2.1 Secs (2.1 Secs) [==>]	[1]	3	(COS.sp.138 5867)	(14) 2MASS-J05383 233-6905237	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=76 9; SEGMENT=A			163 Secs (652 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																				
1	(COS.sa.138 7314)	(14) 2MASS-J05383 233-6905237	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			2.1 Secs (2.1 Secs) [==>]	[1]																																				
2	(COS.sa.138 7314)	(14) 2MASS-J05383 233-6905237	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			2.1 Secs (2.1 Secs) [==>]	[1]																																				
3	(COS.sp.138 5867)	(14) 2MASS-J05383 233-6905237	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=76 9; SEGMENT=A			163 Secs (652 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																				
Exposures																																													



Proposal 15629 - Visit 15 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:12 GMT 2019

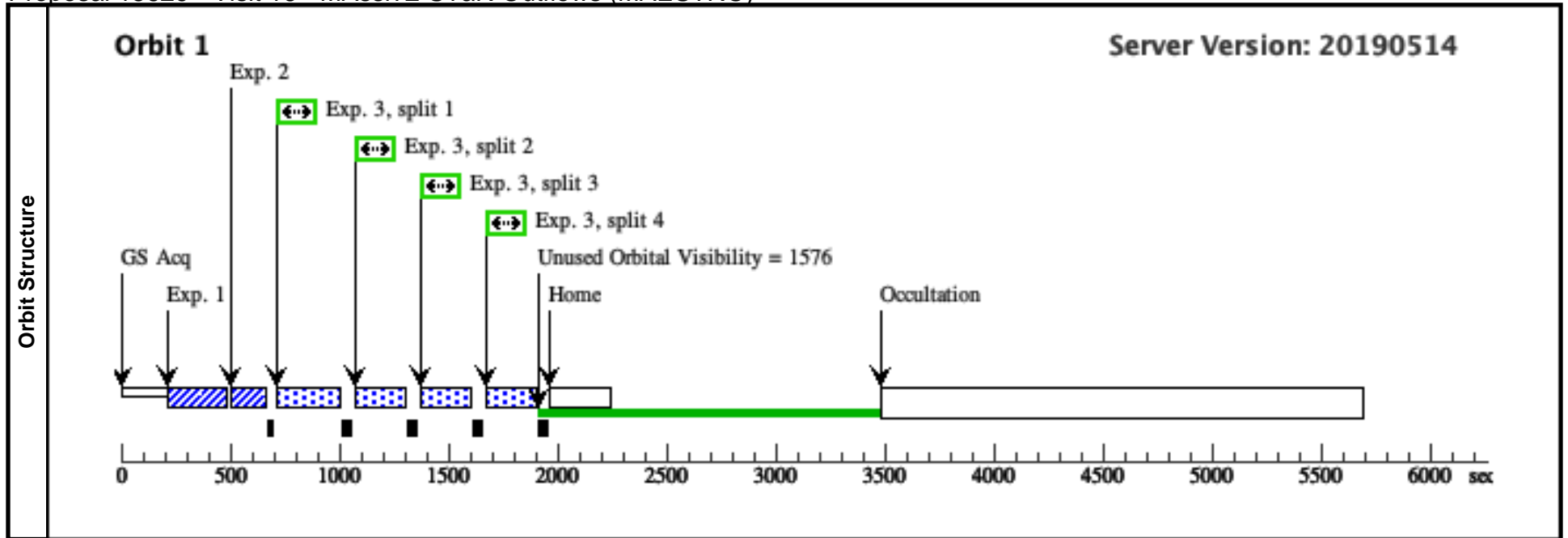
Visit	Proposal 15629, Visit 15, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																													
	(Visit 15) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.																																													
Fixed Targets	<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>(15)</td> <td>VFTS-422</td> <td>RA: 05 38 36.0200 (84.6500833d) Dec: -69 06 16.85 (-69.10468d) Equinox: J2000</td> <td>Proper Motion RA: 1.655 mas/yr Proper Motion Dec: 0.325 mas/yr Epoch of Position: 2018</td> <td>V=15.14 m_F275W=14.153, B-V=0.24, O4III</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(15)	VFTS-422	RA: 05 38 36.0200 (84.6500833d) Dec: -69 06 16.85 (-69.10468d) Equinox: J2000	Proper Motion RA: 1.655 mas/yr Proper Motion Dec: 0.325 mas/yr Epoch of Position: 2018	V=15.14 m_F275W=14.153, B-V=0.24, O4III	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[GIANT O] Extended=NO																																
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																								
(15)	VFTS-422	RA: 05 38 36.0200 (84.6500833d) Dec: -69 06 16.85 (-69.10468d) Equinox: J2000	Proper Motion RA: 1.655 mas/yr Proper Motion Dec: 0.325 mas/yr Epoch of Position: 2018	V=15.14 m_F275W=14.153, B-V=0.24, O4III	Reference Frame: ICRS																																									
<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</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>(COS.sa.138 7845)</td> <td>(15) VFTS-422</td> <td>COS/FUV, ACQ/PEAKXD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3</td> <td></td> <td></td> <td>9.0 Secs (9 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.ta.130 0930)</td> <td>(15) VFTS-422</td> <td>COS/FUV, ACQ/PEAKD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9</td> <td></td> <td></td> <td>9.0 Secs (9 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.138 7908)</td> <td>(15) VFTS-422</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FP-POS=ALL; BUFFER-TIME=60 00; SEGMENT=A</td> <td></td> <td></td> <td>567 Secs (2268 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>							#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.sa.138 7845)	(15) VFTS-422	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			9.0 Secs (9 Secs) [==>]	[1]	2	(COS.ta.130 0930)	(15) VFTS-422	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			9.0 Secs (9 Secs) [==>]	[1]	3	(COS.sp.138 7908)	(15) VFTS-422	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=60 00; SEGMENT=A			567 Secs (2268 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																					
1	(COS.sa.138 7845)	(15) VFTS-422	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			9.0 Secs (9 Secs) [==>]	[1]																																					
2	(COS.ta.130 0930)	(15) VFTS-422	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			9.0 Secs (9 Secs) [==>]	[1]																																					
3	(COS.sp.138 7908)	(15) VFTS-422	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=60 00; SEGMENT=A			567 Secs (2268 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																					



Proposal 15629 - Visit 16 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:12 GMT 2019

Visit	Proposal 15629, Visit 16, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
Diagnostics	(Visit 16) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	2MASS-J05384654-6904279	RA: 05 38 46.4400 (84.6935000d) Dec: -69 04 28.20 (-69.07450d) Equinox: J2000	Proper Motion RA: 1.64 mas/yr Proper Motion Dec: 0.773 mas/yr Epoch of Position: 2018	V=13.99 m_F275W=13.043, B-V=0.04, O4III	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[GIANT O] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.sa.138 5752)	(16) 2MASS-J05384654-6904279	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			1.7 Secs (1.7 Secs) [==>]	[1]
	2	(COS.sa.138 5752)	(16) 2MASS-J05384654-6904279	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			1.7 Secs (1.7 Secs) [==>]	[1]
	3	(COS.sp.138 5805)	(16) 2MASS-J05384654-6904279	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=63 6; SEGMENT=A			173 Secs (692 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



Proposal 15629 - Visit 17 - MAssivE STaR Outflows (MAESTRO)

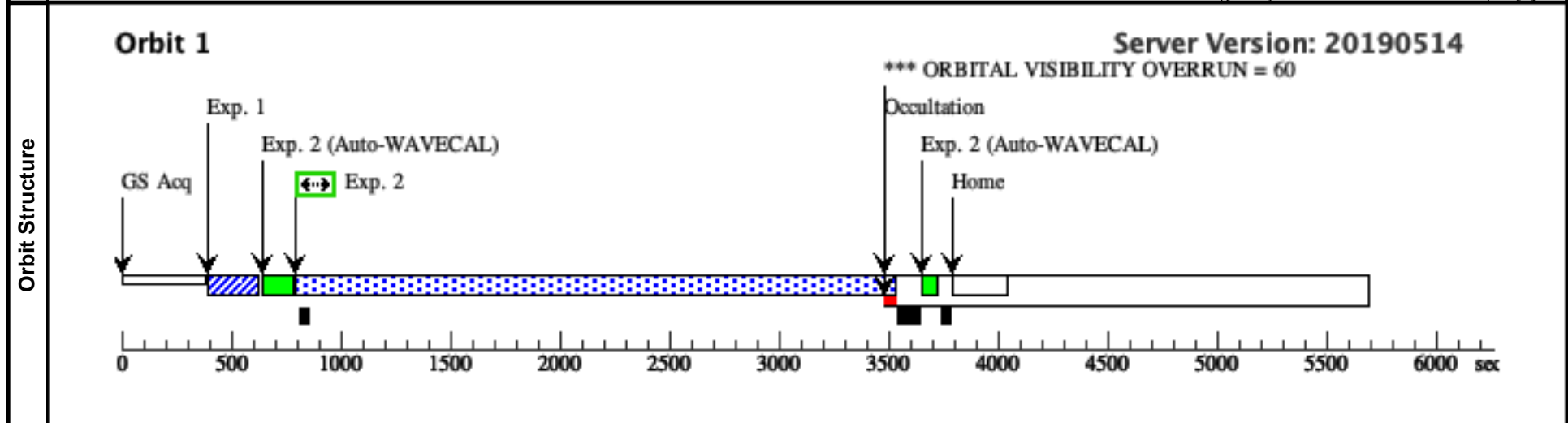
Mon Dec 23 13:01:12 GMT 2019

Visit	Proposal 15629, Visit 17, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 17) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(17)</td> <td>2MASS-J05373854-6910199</td> <td>RA: 05 37 38.5064 (84.4104433d) Dec: -69 10 19.87 (-69.17219d) Equinox: J2000</td> <td>Proper Motion RA: 2.373 mas/yr Proper Motion Dec: 1.621 mas/yr Epoch of Position: 2018</td> <td>V=13.71 m_F275W=12.984, B-V= 0.0, O6V</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=[MAIN SEQUENCE O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(17)	2MASS-J05373854-6910199	RA: 05 37 38.5064 (84.4104433d) Dec: -69 10 19.87 (-69.17219d) Equinox: J2000	Proper Motion RA: 2.373 mas/yr Proper Motion Dec: 1.621 mas/yr Epoch of Position: 2018	V=13.71 m_F275W=12.984, B-V= 0.0, O6V	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(17)	2MASS-J05373854-6910199	RA: 05 37 38.5064 (84.4104433d) Dec: -69 10 19.87 (-69.17219d) Equinox: J2000	Proper Motion RA: 2.373 mas/yr Proper Motion Dec: 1.621 mas/yr Epoch of Position: 2018	V=13.71 m_F275W=12.984, B-V= 0.0, O6V	Reference Frame: ICRS								

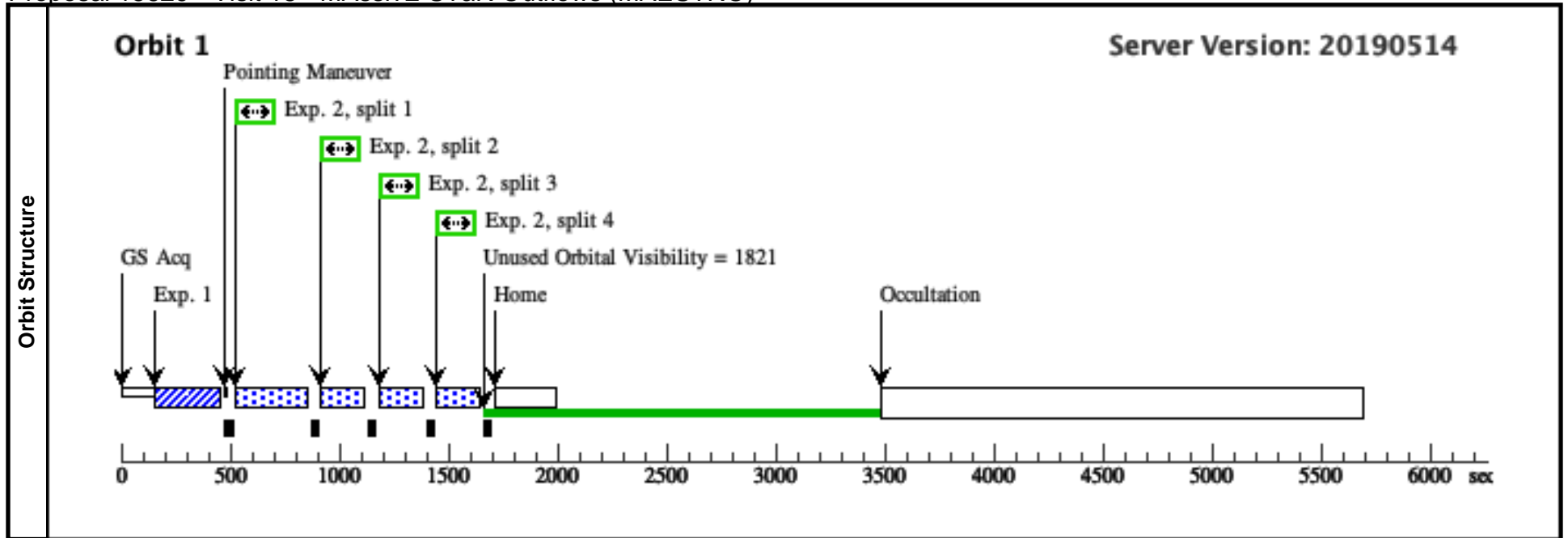
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8229)	(17) 2MASS-J05373854-6910199	STIS/CCD, ACQ, F28X50LP	MIRROR					1.8 Secs (1.8 Secs) [=>]
2	(STIS.sp.13 54184)	(17) 2MASS-J05373854-6910199	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2724 Secs (2724 Secs) [=>]	[1]



Proposal 15629 - Visit 18 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:12 GMT 2019

Visit	Proposal 15629, Visit 18, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)																																							
	(Visit 18) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.																																							
Fixed Targets	<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>(18)</td> <td>2MASS-J05375180-6904248</td> <td>RA: 05 37 51.8212 (84.4659217d) Dec: -69 04 24.75 (-69.07354d) Equinox: J2000</td> <td>Proper Motion RA: 1.641 mas/yr Proper Motion Dec: 0.664 mas/yr Epoch of Position: 2018</td> <td>V=15.38 m_F275W=13.771, B-V=-0.09, O6.5V</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(18)	2MASS-J05375180-6904248	RA: 05 37 51.8212 (84.4659217d) Dec: -69 04 24.75 (-69.07354d) Equinox: J2000	Proper Motion RA: 1.641 mas/yr Proper Motion Dec: 0.664 mas/yr Epoch of Position: 2018	V=15.38 m_F275W=13.771, B-V=-0.09, O6.5V	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[MAIN SEQUENCE O] Extended=NO																										
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(18)	2MASS-J05375180-6904248	RA: 05 37 51.8212 (84.4659217d) Dec: -69 04 24.75 (-69.07354d) Equinox: J2000	Proper Motion RA: 1.641 mas/yr Proper Motion Dec: 0.664 mas/yr Epoch of Position: 2018	V=15.38 m_F275W=13.771, B-V=-0.09, O6.5V	Reference Frame: ICRS																																			
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</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>(COS.ta.138 5663)</td> <td>(18) 2MASS-J05375180-6904248</td> <td>COS/NUV, ACQ/IMAGE, PSA</td> <td>MIRRORB</td> <td></td> <td></td> <td></td> <td>1.7 Secs (1.7 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.sp.138 5704)</td> <td>(18) 2MASS-J05375180-6904248</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FP-POS=ALL; BUFFER-TIME=77 8; SEGMENT=A</td> <td></td> <td></td> <td>150 Secs (600 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.138 5663)	(18) 2MASS-J05375180-6904248	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				1.7 Secs (1.7 Secs) [==>]	[1]	2	(COS.sp.138 5704)	(18) 2MASS-J05375180-6904248	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=77 8; SEGMENT=A			150 Secs (600 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]									
	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																														
	1	(COS.ta.138 5663)	(18) 2MASS-J05375180-6904248	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				1.7 Secs (1.7 Secs) [==>]	[1]																														
2	(COS.sp.138 5704)	(18) 2MASS-J05375180-6904248	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=77 8; SEGMENT=A			150 Secs (600 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																															



Proposal 15629 - Visit 19 - MAssivE STaR Outflows (MAESTRO)

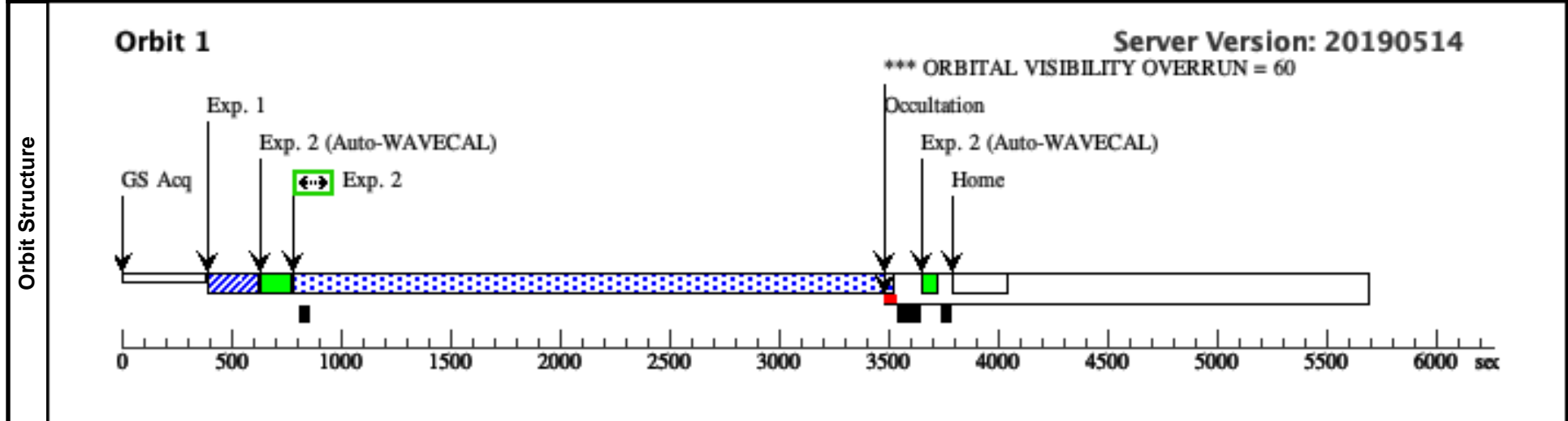
Mon Dec 23 13:01:12 GMT 2019

Visit	Proposal 15629, Visit 19, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 19) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(19)</td> <td>VFTS440</td> <td>RA: 05 38 37.7180 (84.6571583d) Dec: -69 05 20.97 (-69.08916d) Equinox: J2000</td> <td>Proper Motion RA: 1.835 mas/yr Proper Motion Dec: 0.923 mas/yr Epoch of Position: 2018</td> <td>V=13.66 m_F275W= 12.347, B-V= 0.02, O6III</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=[GIANT O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(19)	VFTS440	RA: 05 38 37.7180 (84.6571583d) Dec: -69 05 20.97 (-69.08916d) Equinox: J2000	Proper Motion RA: 1.835 mas/yr Proper Motion Dec: 0.923 mas/yr Epoch of Position: 2018	V=13.66 m_F275W= 12.347, B-V= 0.02, O6III	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(19)	VFTS440	RA: 05 38 37.7180 (84.6571583d) Dec: -69 05 20.97 (-69.08916d) Equinox: J2000	Proper Motion RA: 1.835 mas/yr Proper Motion Dec: 0.923 mas/yr Epoch of Position: 2018	V=13.66 m_F275W= 12.347, B-V= 0.02, O6III	Reference Frame: ICRS								

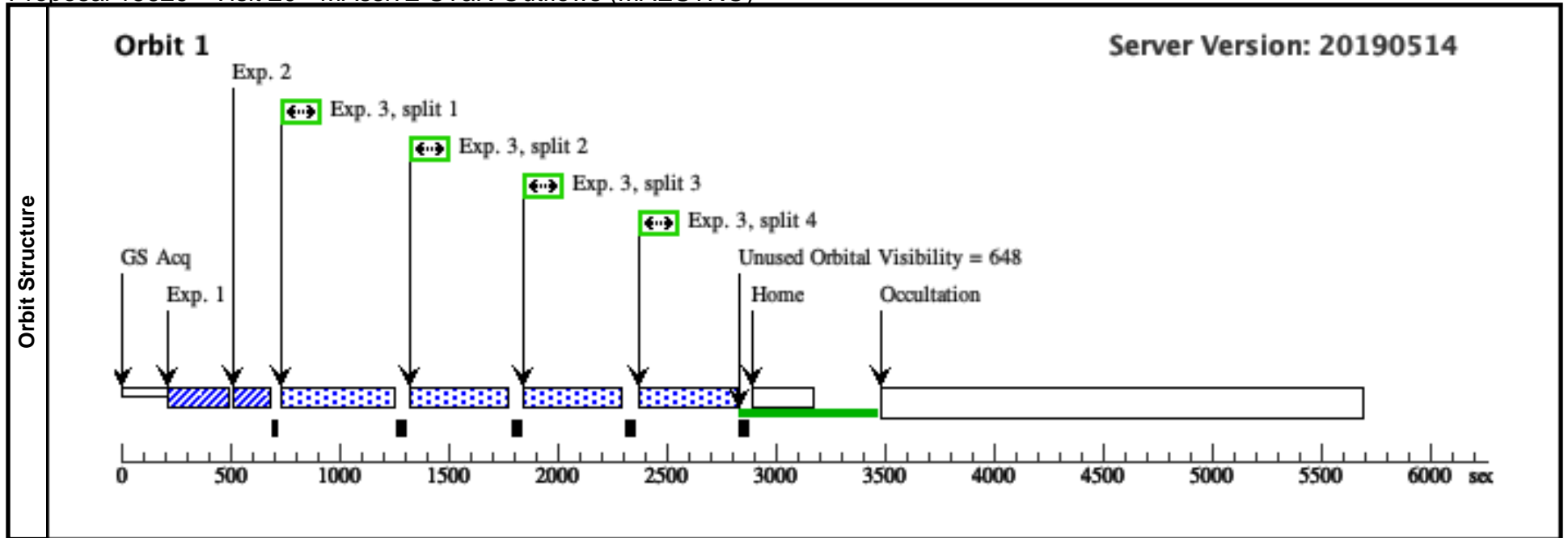
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8228)	(19) VFTS440	STIS/CCD, ACQ, F28X50LP	MIRROR					0.9 Secs (0.9 Secs) [=>]
2	(STIS.sp.13 54183)	(19) VFTS440	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2728 Secs (2728 Secs) [=>]	[1]



Proposal 15629 - Visit 20 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 20, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																												
	(Visit 20) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.																																												
Fixed Targets	<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>(20)</td> <td>2MASS-J05385293-6906113</td> <td>RA: 05 38 52.8329 (84.7201371d) Dec: -69 06 12.12 (-69.10337d) Equinox: J2000</td> <td>Proper Motion RA: 1.838 mas/yr Proper Motion Dec: 0.723 mas/yr Epoch of Position: 2018</td> <td>V=15.03 m_F275W<13.9, B-V=0.07, O6V</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(20)	2MASS-J05385293-6906113	RA: 05 38 52.8329 (84.7201371d) Dec: -69 06 12.12 (-69.10337d) Equinox: J2000	Proper Motion RA: 1.838 mas/yr Proper Motion Dec: 0.723 mas/yr Epoch of Position: 2018	V=15.03 m_F275W<13.9, B-V=0.07, O6V	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[MAIN SEQUENCE O] Extended=NO																															
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																							
(20)	2MASS-J05385293-6906113	RA: 05 38 52.8329 (84.7201371d) Dec: -69 06 12.12 (-69.10337d) Equinox: J2000	Proper Motion RA: 1.838 mas/yr Proper Motion Dec: 0.723 mas/yr Epoch of Position: 2018	V=15.03 m_F275W<13.9, B-V=0.07, O6V	Reference Frame: ICRS																																								
<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</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>(COS.sa.138 8692)</td> <td>(20) 2MASS-J05385293-6906113</td> <td>COS/FUV, ACQ/PEAKXD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T; SEGMENT=A; NUM-POS=3; STEP-SIZE=1.3</td> <td></td> <td></td> <td>5.0 Secs (5 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.sa.138 8692)</td> <td>(20) 2MASS-J05385293-6906113</td> <td>COS/FUV, ACQ/PEAKD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9</td> <td></td> <td></td> <td>4.0 Secs (4 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.138 8694)</td> <td>(20) 2MASS-J05385293-6906113</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FP-POS=ALL; SEGMENT=A; BUFFER-TIME=14 17</td> <td></td> <td></td> <td>400 Secs (1600 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>						#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.sa.138 8692)	(20) 2MASS-J05385293-6906113	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; SEGMENT=A; NUM-POS=3; STEP-SIZE=1.3			5.0 Secs (5 Secs) [==>]	[1]	2	(COS.sa.138 8692)	(20) 2MASS-J05385293-6906113	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			4.0 Secs (4 Secs) [==>]	[1]	3	(COS.sp.138 8694)	(20) 2MASS-J05385293-6906113	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; SEGMENT=A; BUFFER-TIME=14 17			400 Secs (1600 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																				
1	(COS.sa.138 8692)	(20) 2MASS-J05385293-6906113	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; SEGMENT=A; NUM-POS=3; STEP-SIZE=1.3			5.0 Secs (5 Secs) [==>]	[1]																																				
2	(COS.sa.138 8692)	(20) 2MASS-J05385293-6906113	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			4.0 Secs (4 Secs) [==>]	[1]																																				
3	(COS.sp.138 8694)	(20) 2MASS-J05385293-6906113	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; SEGMENT=A; BUFFER-TIME=14 17			400 Secs (1600 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																				
Exposures																																													



Proposal 15629 - Visit 21 - MAssivE STaR Outflows (MAESTRO)

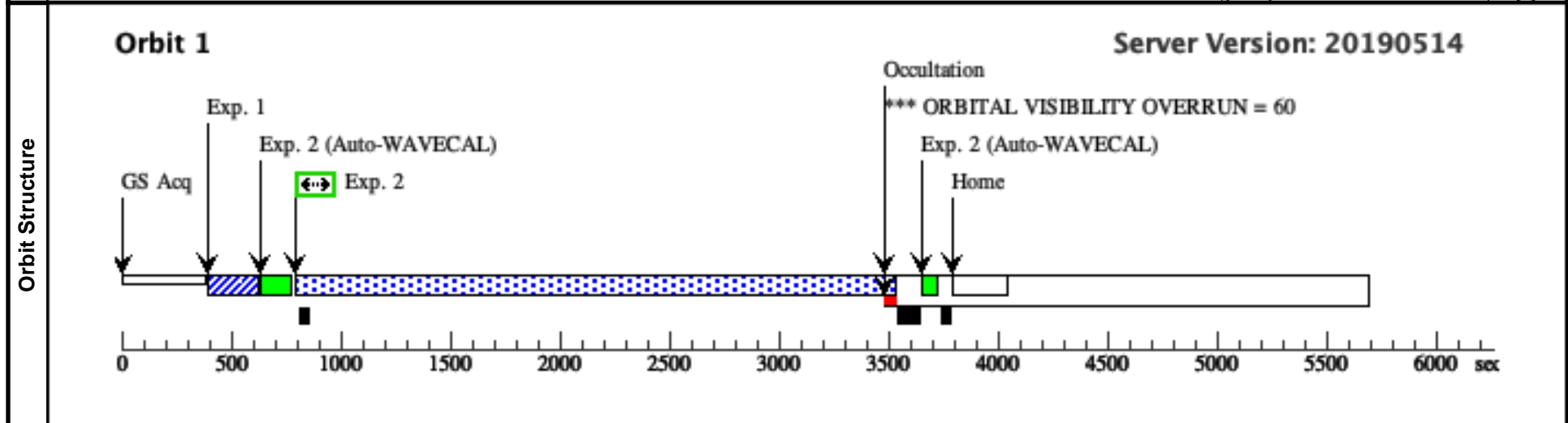
Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 21, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 21) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(21)</td> <td>2MASS-J05373664-6907318</td> <td>RA: 05 37 36.6555 (84.4027313d) Dec: -69 07 31.83 (-69.12551d) Equinox: J2000</td> <td>Proper Motion RA: 1.766 mas/yr Proper Motion Dec: 0.835 mas/yr Epoch of Position: 2018</td> <td>V=13.58 m_F275W= 11.989, B-V= -0.14, O9.7III</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=[GIANT O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(21)	2MASS-J05373664-6907318	RA: 05 37 36.6555 (84.4027313d) Dec: -69 07 31.83 (-69.12551d) Equinox: J2000	Proper Motion RA: 1.766 mas/yr Proper Motion Dec: 0.835 mas/yr Epoch of Position: 2018	V=13.58 m_F275W= 11.989, B-V= -0.14, O9.7III	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(21)	2MASS-J05373664-6907318	RA: 05 37 36.6555 (84.4027313d) Dec: -69 07 31.83 (-69.12551d) Equinox: J2000	Proper Motion RA: 1.766 mas/yr Proper Motion Dec: 0.835 mas/yr Epoch of Position: 2018	V=13.58 m_F275W= 11.989, B-V= -0.14, O9.7III	Reference Frame: ICRS								

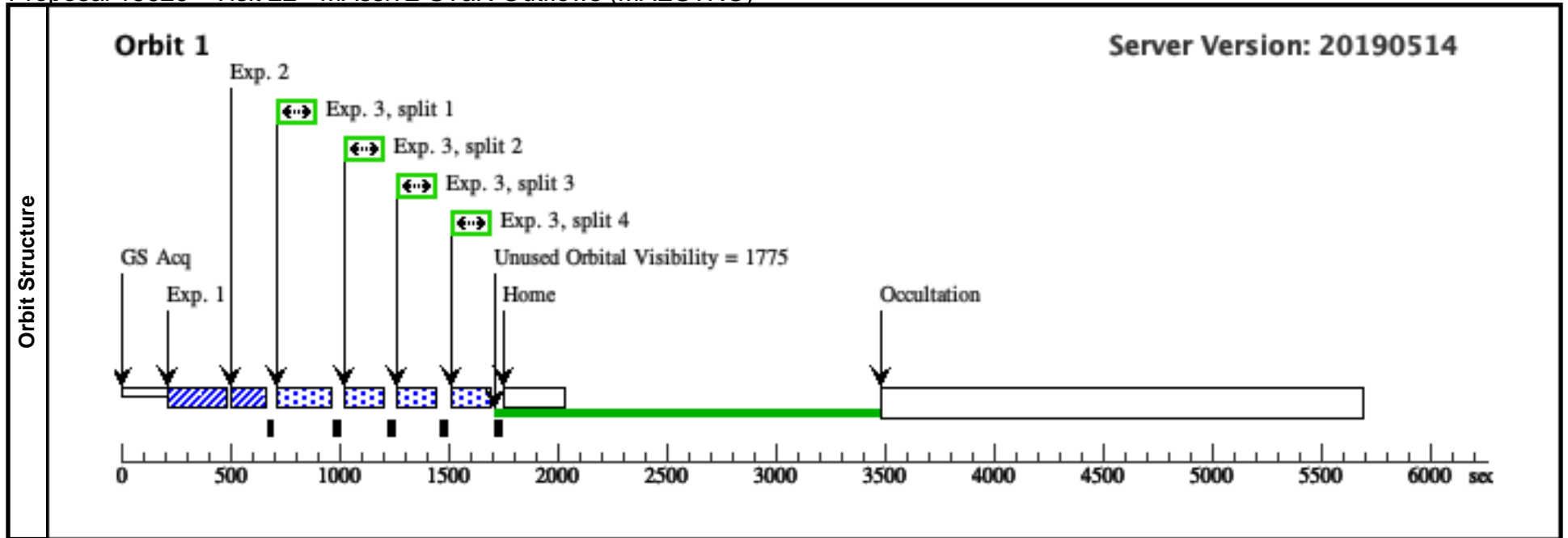
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8227)	(21) 2MASS-J05373664-6907318	STIS/CCD, ACQ, F28X50LP	MIRROR					1.1 Secs (1.1 Secs) [==>]
2	(STIS.sp.13 53289)	(21) 2MASS-J05373664-6907318	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2726 Secs (2726 Secs) [==>]	[1]



Proposal 15629 - Visit 22 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:13 GMT 2019

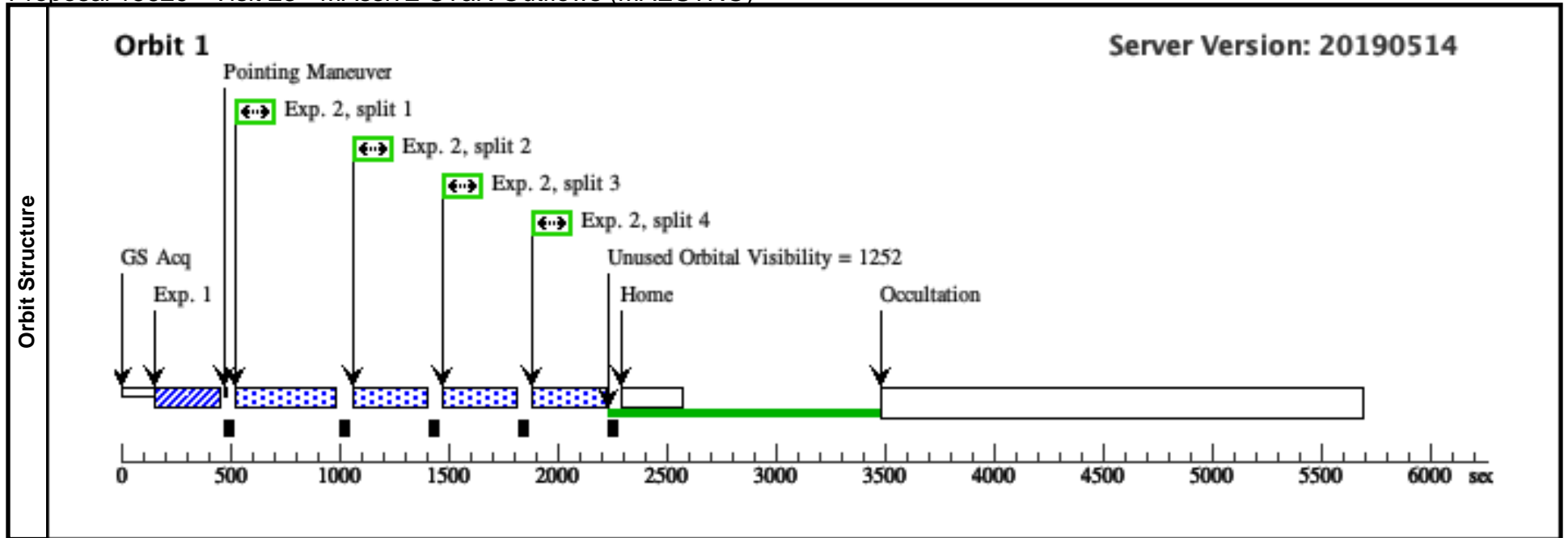
Visit	Proposal 15629, Visit 22, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																												
	(Visit 22) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.																																												
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Proposal 15629 - Visit 23 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:13 GMT 2019

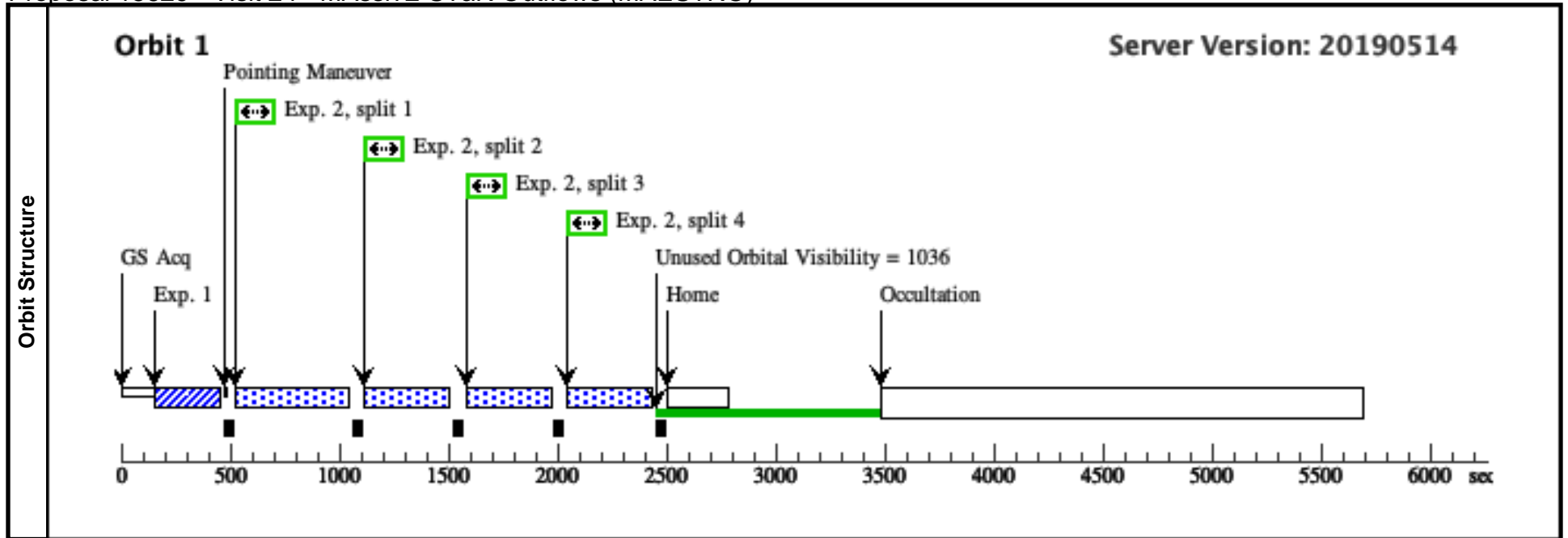
Visit	Proposal 15629, Visit 23, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)																																			
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Proposal 15629 - Visit 24 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:13 GMT 2019

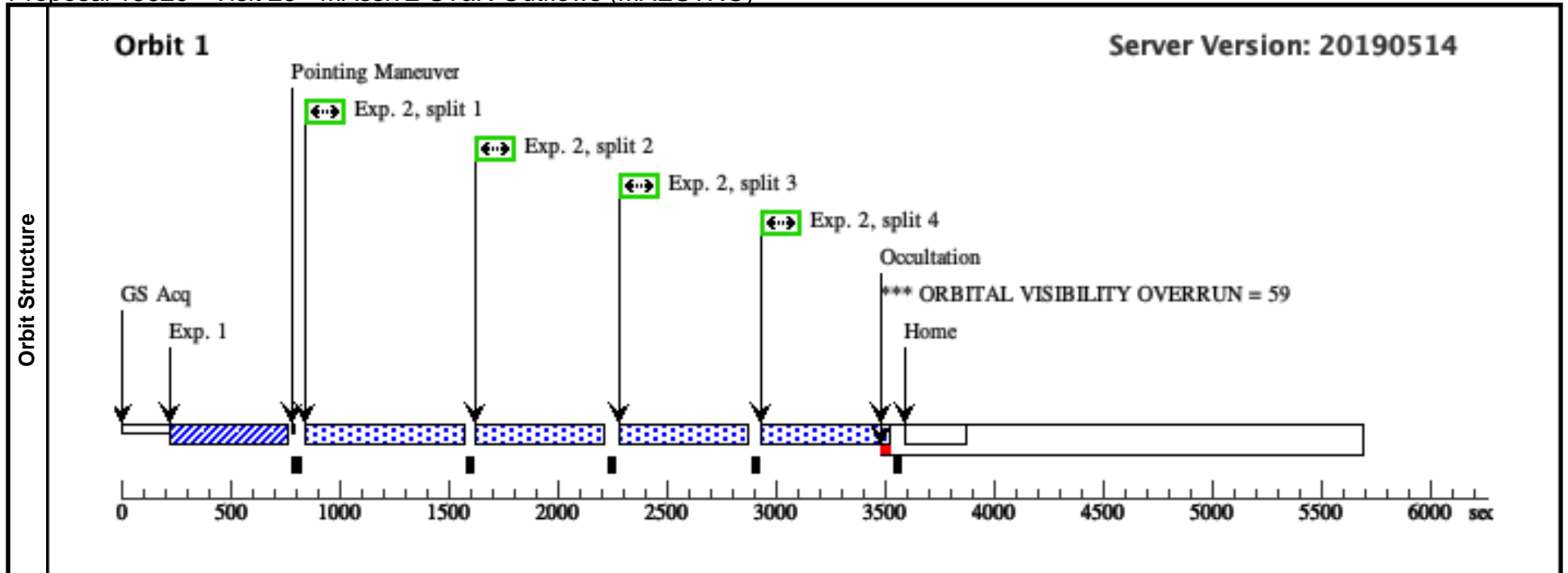
Visit	Proposal 15629, Visit 24, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)																																			
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Proposal 15629 - Visit 25 - MAssivE STaR Outflows (MAESTRO)

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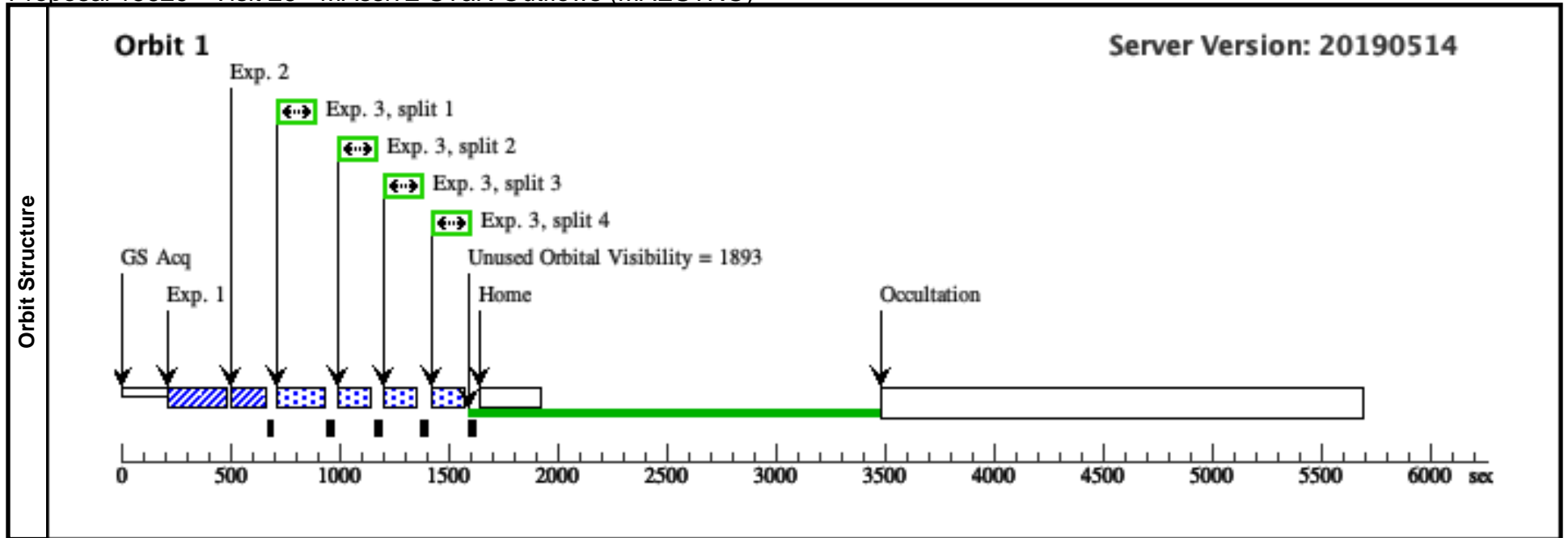
Visit	Proposal 15629, Visit 25, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)																																		
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Proposal 15629 - Visit 26 - MAssivE STaR Outflows (MAESTRO)

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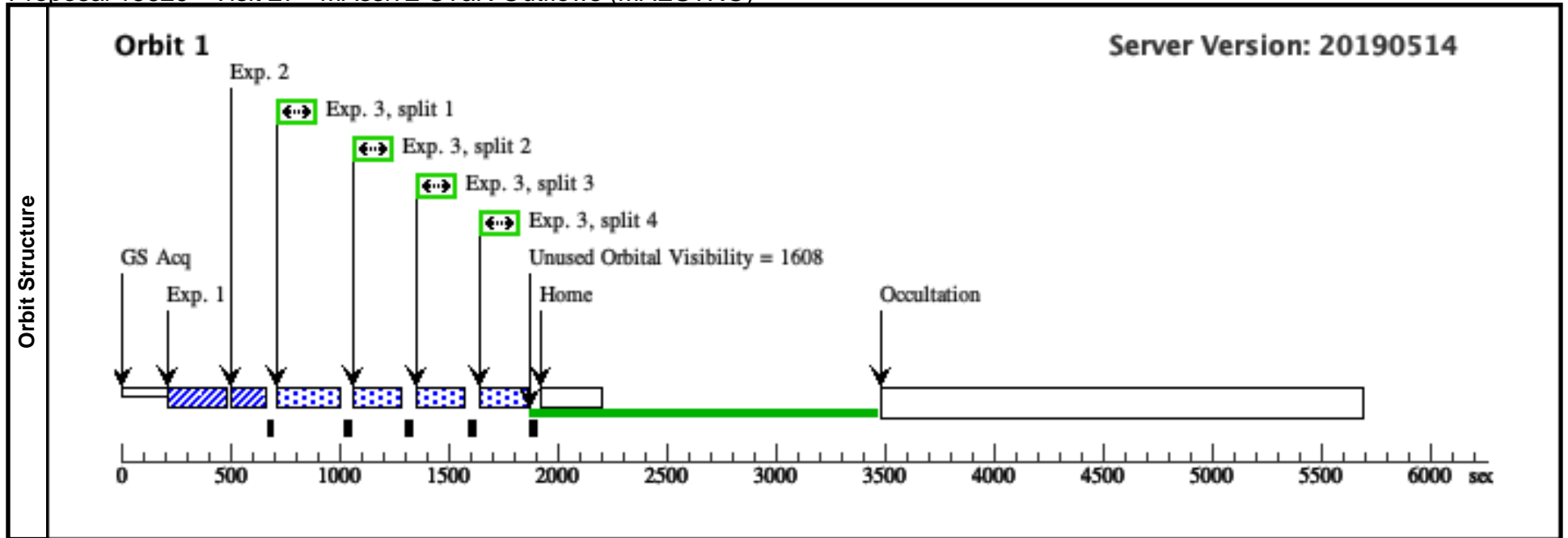
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(26)	VFTS-517	RA: 05 38 41.8500 (84.6743750d) Dec: -69 04 39.00 (-69.07750d) Equinox: J2000	Proper Motion RA: 1.760 mas/yr Proper Motion Dec: 0.923 mas/yr Epoch of Position: 2018	V=14.72 m_F275W=13.025, B-V=-0.08, O9III	Reference Frame: ICRS																																									
<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</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>(COS.sa.136 9262)</td> <td>(26) VFTS-517</td> <td>COS/FUV, ACQ/PEAKXD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3</td> <td></td> <td></td> <td>1.5 Secs (1.5 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.sa.136 9262)</td> <td>(26) VFTS-517</td> <td>COS/FUV, ACQ/PEAKD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9</td> <td></td> <td></td> <td>1.5 Secs (1.5 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.135 4062)</td> <td>(26) VFTS-517</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FP-POS=ALL; BUFFER-TIME=56 5; SEGMENT=A</td> <td></td> <td></td> <td>101 Secs (404 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>							#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.sa.136 9262)	(26) VFTS-517	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			1.5 Secs (1.5 Secs) [==>]	[1]	2	(COS.sa.136 9262)	(26) VFTS-517	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			1.5 Secs (1.5 Secs) [==>]	[1]	3	(COS.sp.135 4062)	(26) VFTS-517	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=56 5; SEGMENT=A			101 Secs (404 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
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1	(COS.sa.136 9262)	(26) VFTS-517	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			1.5 Secs (1.5 Secs) [==>]	[1]																																					
2	(COS.sa.136 9262)	(26) VFTS-517	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			1.5 Secs (1.5 Secs) [==>]	[1]																																					
3	(COS.sp.135 4062)	(26) VFTS-517	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=56 5; SEGMENT=A			101 Secs (404 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																					



Proposal 15629 - Visit 27 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:13 GMT 2019

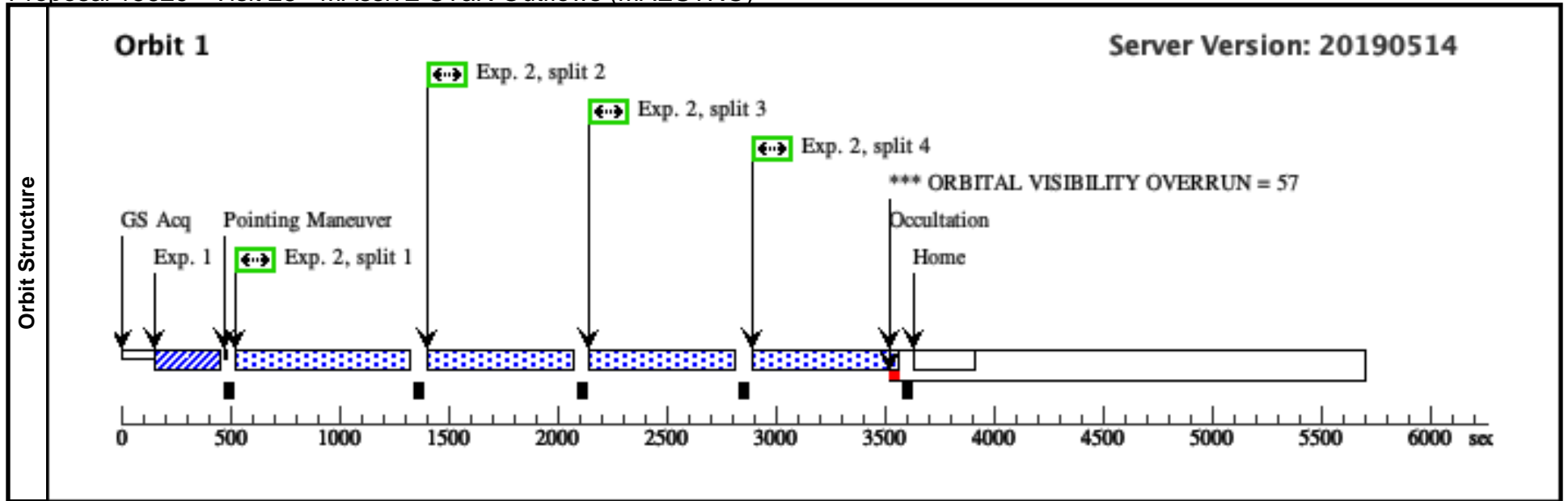
Visit	Proposal 15629, Visit 27, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																																	
	(Visit 27) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.																																																	
Fixed Targets	<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>(27)</td> <td>P93-9034</td> <td>RA: 05 38 48.4029 (84.7016787d) Dec: -68 59 49.92 (-68.99720d) Equinox: J2000</td> <td>Proper Motion RA: 1.83 mas/yr Proper Motion Dec: 1.055 mas/yr Epoch of Position: 2018</td> <td>V=15.339 m_F275W<14.4, B-V=-0.15, O9.7V</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(27)	P93-9034	RA: 05 38 48.4029 (84.7016787d) Dec: -68 59 49.92 (-68.99720d) Equinox: J2000	Proper Motion RA: 1.83 mas/yr Proper Motion Dec: 1.055 mas/yr Epoch of Position: 2018	V=15.339 m_F275W<14.4, B-V=-0.15, O9.7V	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[MAIN SEQUENCE O] Extended=NO																																				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																												
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</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>(COS.sa.282 107)</td> <td>(27) P93-9034</td> <td>COS/FUV, ACQ/PEAKXD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3</td> <td></td> <td></td> <td>2.1 Secs (2.1 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.sa.282 107)</td> <td>(27) P93-9034</td> <td>COS/FUV, ACQ/PEAKD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9</td> <td></td> <td></td> <td>2.1 Secs (2.1 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.136 8612)</td> <td>(27) P93-9034</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FP-POS=ALL; BUFFER-TIME=10 07; SEGMENT=A</td> <td></td> <td></td> <td>171 Secs (684 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.sa.282 107)	(27) P93-9034	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			2.1 Secs (2.1 Secs) [==>]	[1]	2	(COS.sa.282 107)	(27) P93-9034	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			2.1 Secs (2.1 Secs) [==>]	[1]	3	(COS.sp.136 8612)	(27) P93-9034	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=10 07; SEGMENT=A			171 Secs (684 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]									
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Proposal 15629 - Visit 28 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 28, completed Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)																																		
	(Visit 28) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (Visit 28) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN																																		
Diagnosics																																			
Fixed Targets	<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>(28)</td> <td>SMC-AB-1</td> <td>RA: 00 43 42.3082 (10.9262842d) Dec: -73 28 55.26 (-73.48202d) Equinox: J2000</td> <td>Proper Motion RA: 0.372 mas/yr Proper Motion Dec: -1.292 mas/yr Epoch of Position: 2018</td> <td>V=15.24 U=14.33, B-V=-0.04, WN3</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(28)	SMC-AB-1	RA: 00 43 42.3082 (10.9262842d) Dec: -73 28 55.26 (-73.48202d) Equinox: J2000	Proper Motion RA: 0.372 mas/yr Proper Motion Dec: -1.292 mas/yr Epoch of Position: 2018	V=15.24 U=14.33, B-V=-0.04, WN3	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[WOLF RAYET - WN] Extended=NO																					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																													
(28)	SMC-AB-1	RA: 00 43 42.3082 (10.9262842d) Dec: -73 28 55.26 (-73.48202d) Equinox: J2000	Proper Motion RA: 0.372 mas/yr Proper Motion Dec: -1.292 mas/yr Epoch of Position: 2018	V=15.24 U=14.33, B-V=-0.04, WN3	Reference Frame: ICRS																														
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#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																										
1	(COS.ta.136 8875)	(28) SMC-AB-1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				2.3 Secs (2.3 Secs) [==>]	[1]																										
2	(COS.sp.136 8876)	(28) SMC-AB-1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=22 63; SEGMENT=A			622 Secs (2488 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																										
Exposures																																			



Proposal 15629 - Visit 29 - MAssivE STaR Outflows (MAESTRO)

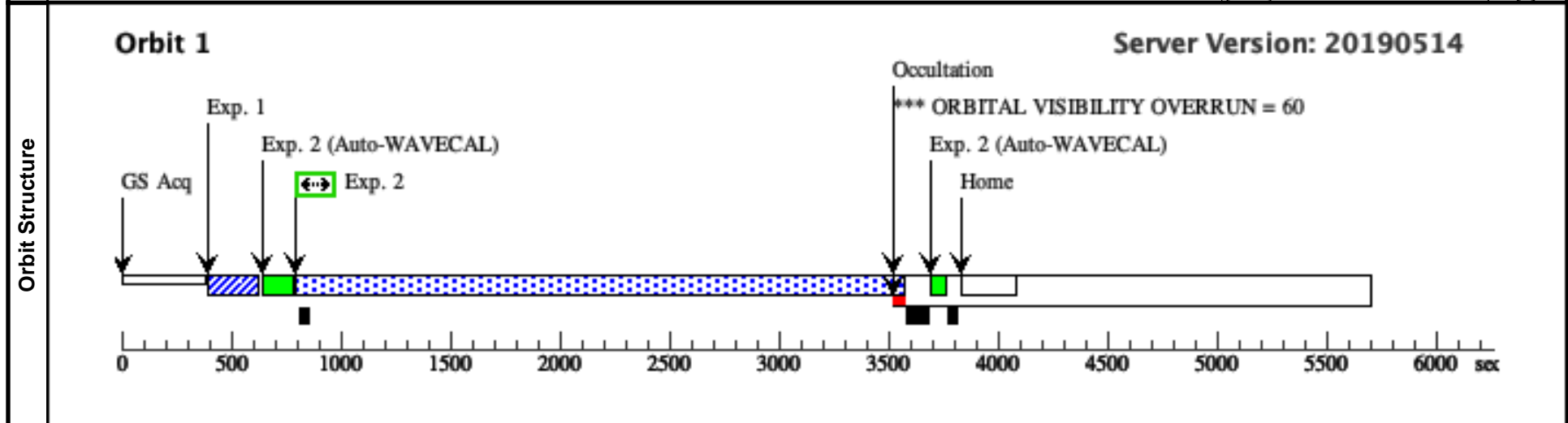
Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 29, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 29) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(29)</td> <td>SMC-AB-2</td> <td>RA: 00 48 30.8443 (12.1285179d) Dec: -73 15 45.83 (-73.26273d) Equinox: J2000</td> <td>Proper Motion RA: 0.789 mas/yr Proper Motion Dec: -1.134 mas/yr Epoch of Position: 2018</td> <td>V=14.43 U=13.23, B-V=-0.20, O3I</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. Category=STAR Description=[SUPERGIANT O] Extended=NO</i></p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(29)	SMC-AB-2	RA: 00 48 30.8443 (12.1285179d) Dec: -73 15 45.83 (-73.26273d) Equinox: J2000	Proper Motion RA: 0.789 mas/yr Proper Motion Dec: -1.134 mas/yr Epoch of Position: 2018	V=14.43 U=13.23, B-V=-0.20, O3I	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(29)	SMC-AB-2	RA: 00 48 30.8443 (12.1285179d) Dec: -73 15 45.83 (-73.26273d) Equinox: J2000	Proper Motion RA: 0.789 mas/yr Proper Motion Dec: -1.134 mas/yr Epoch of Position: 2018	V=14.43 U=13.23, B-V=-0.20, O3I	Reference Frame: ICRS								

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8226)	(29) SMC-AB-2	STIS/CCD, ACQ, F28X50LP	MIRROR					1.7 Secs (1.7 Secs) [=>]
2	(STIS.sp.13 54182)	(29) SMC-AB-2	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2763 Secs (2763 Secs) [=>]	[1]



Proposal 15629 - Visit 30 - MAssivE STaR Outflows (MAESTRO)

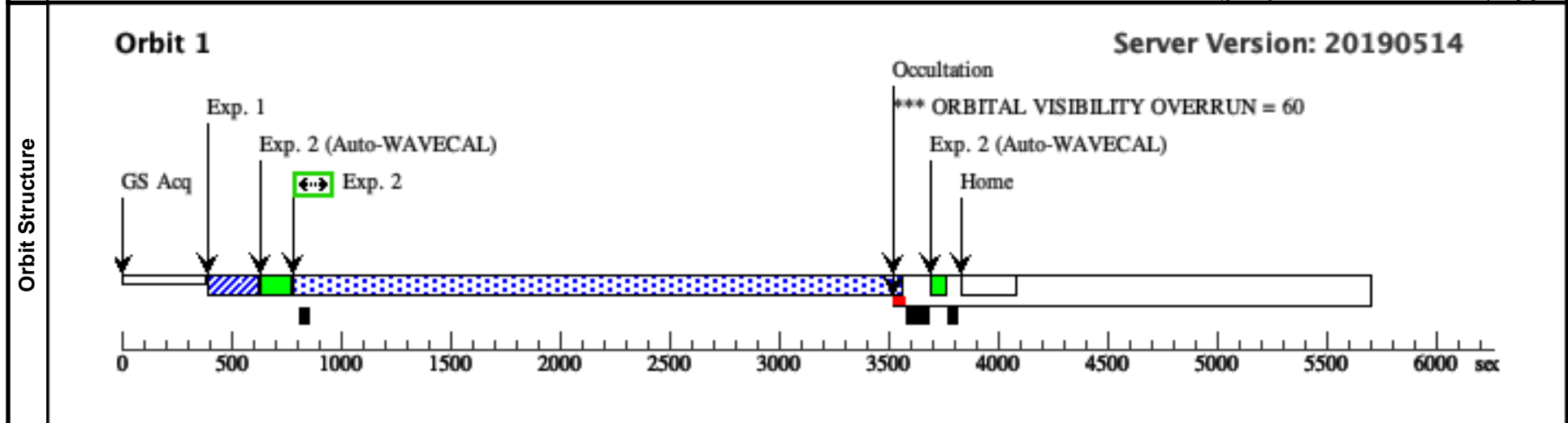
Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 30, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 30) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(30)</td> <td>LIN-160</td> <td>RA: 00 50 43.4300 (12.6809583d) Dec: -73 27 5.70 (-73.45158d) Equinox: J2000</td> <td>Proper Motion RA: 0.314 mas/yr Proper Motion Dec: -1.575 mas/yr Epoch of Position: 2018</td> <td>V=13.426 U=12.363, B-V=-0.12, WN6</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=[WOLF RAYET - WN] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(30)	LIN-160	RA: 00 50 43.4300 (12.6809583d) Dec: -73 27 5.70 (-73.45158d) Equinox: J2000	Proper Motion RA: 0.314 mas/yr Proper Motion Dec: -1.575 mas/yr Epoch of Position: 2018	V=13.426 U=12.363, B-V=-0.12, WN6	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
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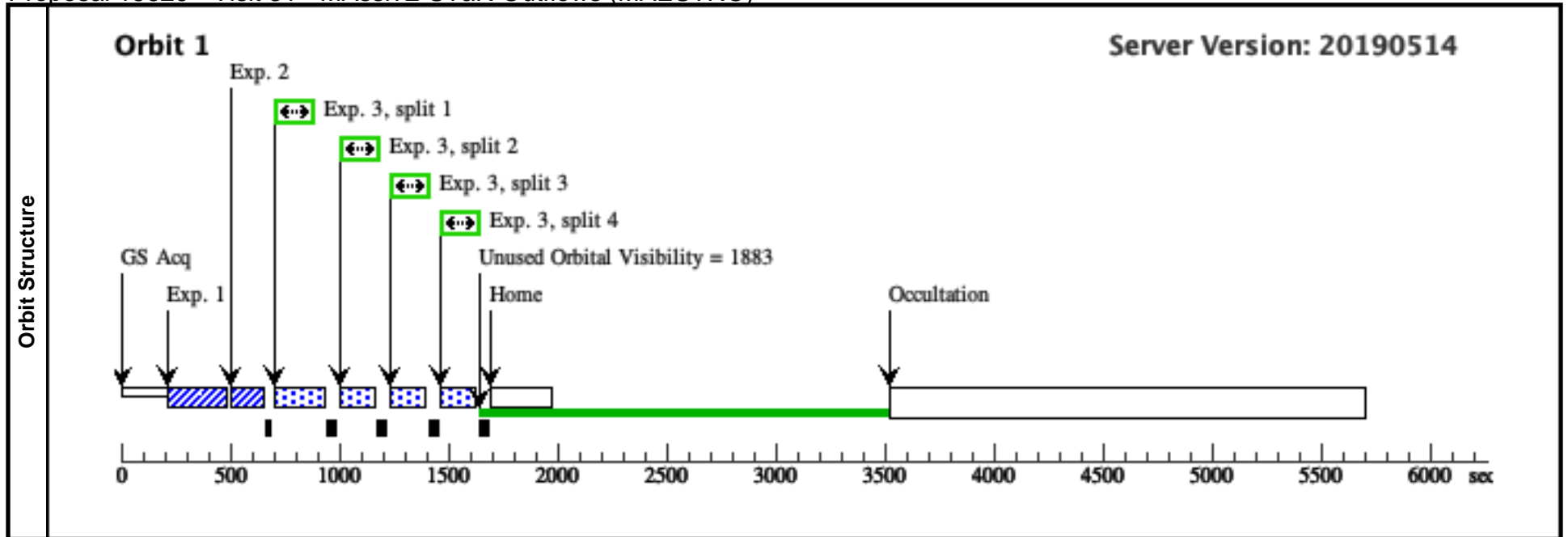
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8225)	(30) LIN-160	STIS/CCD, ACQ, F28X50LP	MIRROR					0.6 Secs (0.6 Secs) [=>]
2	(STIS.sp.13 53275)	(30) LIN-160	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2767 Secs (2767 Secs) [=>]	[1]



Proposal 15629 - Visit 31 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:13 GMT 2019

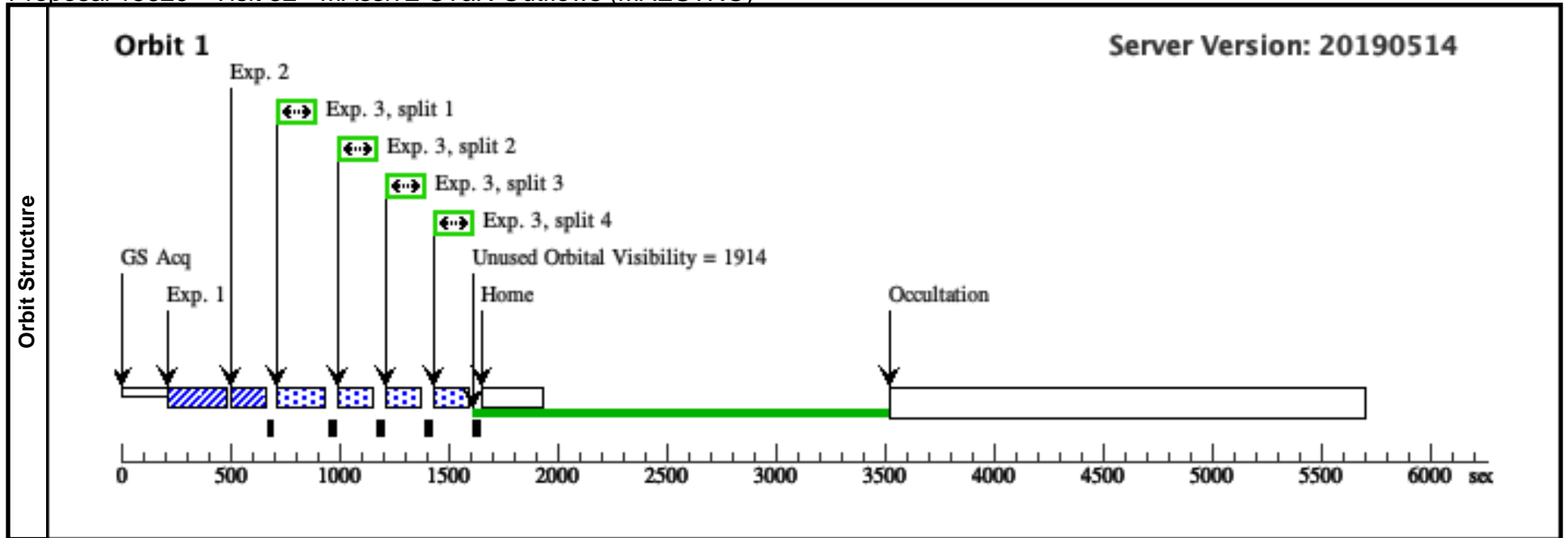
Visit	Proposal 15629, Visit 31, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																												
	(Visit 31) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.																																												
Fixed Targets	<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>(31)</td> <td>SMC-AB-10</td> <td>RA: 00 45 28.9081 (11.3704504d) Dec: -73 04 45.62 (-73.07934d) Equinox: J2000</td> <td>Proper Motion RA: 0.751 mas/yr Proper Motion Dec: -0.910 mas/yr Epoch of Position: 2018</td> <td>V=15.55 U=14.69, B-V=0.25, WN3ha</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(31)	SMC-AB-10	RA: 00 45 28.9081 (11.3704504d) Dec: -73 04 45.62 (-73.07934d) Equinox: J2000	Proper Motion RA: 0.751 mas/yr Proper Motion Dec: -0.910 mas/yr Epoch of Position: 2018	V=15.55 U=14.69, B-V=0.25, WN3ha	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[WOLF RAYET - WN] Extended=NO																															
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																							
(31)	SMC-AB-10	RA: 00 45 28.9081 (11.3704504d) Dec: -73 04 45.62 (-73.07934d) Equinox: J2000	Proper Motion RA: 0.751 mas/yr Proper Motion Dec: -0.910 mas/yr Epoch of Position: 2018	V=15.55 U=14.69, B-V=0.25, WN3ha	Reference Frame: ICRS																																								
<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</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>(COS.sa.138 8741)</td> <td>(31) SMC-AB-10</td> <td>COS/FUV, ACQ/PEAKXD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3</td> <td></td> <td></td> <td>0.8 Secs (0.8 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.sa.138 8741)</td> <td>(31) SMC-AB-10</td> <td>COS/FUV, ACQ/PEAKD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9</td> <td></td> <td></td> <td>0.8 Secs (0.8 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.138 8743)</td> <td>(31) SMC-AB-10</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FP-POS=ALL; BUFFER-TIME=36 1; SEGMENT=A</td> <td></td> <td></td> <td>108 Secs (432 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>						#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.sa.138 8741)	(31) SMC-AB-10	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			0.8 Secs (0.8 Secs) [==>]	[1]	2	(COS.sa.138 8741)	(31) SMC-AB-10	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			0.8 Secs (0.8 Secs) [==>]	[1]	3	(COS.sp.138 8743)	(31) SMC-AB-10	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=36 1; SEGMENT=A			108 Secs (432 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																				
1	(COS.sa.138 8741)	(31) SMC-AB-10	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			0.8 Secs (0.8 Secs) [==>]	[1]																																				
2	(COS.sa.138 8741)	(31) SMC-AB-10	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			0.8 Secs (0.8 Secs) [==>]	[1]																																				
3	(COS.sp.138 8743)	(31) SMC-AB-10	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=36 1; SEGMENT=A			108 Secs (432 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																				



Proposal 15629 - Visit 32 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:13 GMT 2019

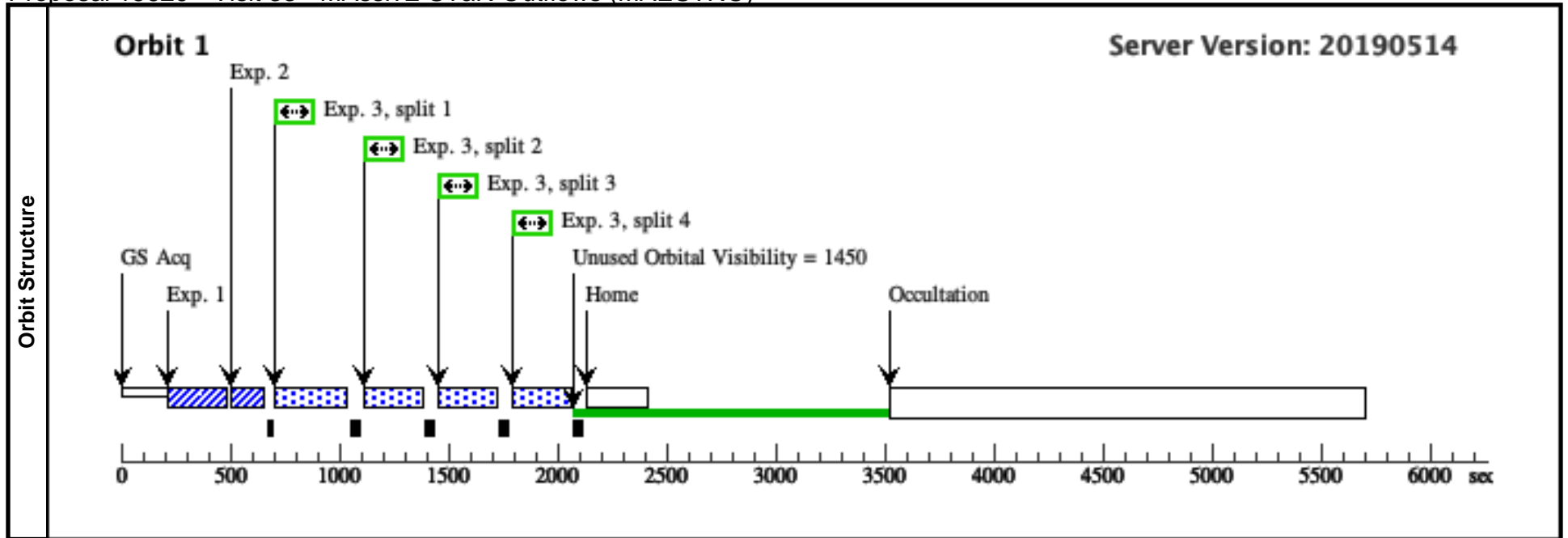
Visit	Proposal 15629, Visit 32, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																												
	(Visit 32) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.																																												
Fixed Targets	<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>(32)</td> <td>SMC-AB-11</td> <td>RA: 00 52 7.3900 (13.0307917d) Dec: -72 35 38.60 (-72.59406d) Equinox: J2000</td> <td>Proper Motion RA: 1.952 mas/yr Proper Motion Dec: -0.911 mas/yr Epoch of Position: 2018</td> <td>V=15.816 U = 14.45, B=15.59, B-V=-0.22, WN4ha</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(32)	SMC-AB-11	RA: 00 52 7.3900 (13.0307917d) Dec: -72 35 38.60 (-72.59406d) Equinox: J2000	Proper Motion RA: 1.952 mas/yr Proper Motion Dec: -0.911 mas/yr Epoch of Position: 2018	V=15.816 U = 14.45, B=15.59, B-V=-0.22, WN4ha	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[WOLF RAYET - WN] Extended=NO																															
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																							
(32)	SMC-AB-11	RA: 00 52 7.3900 (13.0307917d) Dec: -72 35 38.60 (-72.59406d) Equinox: J2000	Proper Motion RA: 1.952 mas/yr Proper Motion Dec: -0.911 mas/yr Epoch of Position: 2018	V=15.816 U = 14.45, B=15.59, B-V=-0.22, WN4ha	Reference Frame: ICRS																																								
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#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																				
1	(COS.sa.138 7976)	(32) SMC-AB-11	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			1.8 Secs (1.8 Secs) [==>]	[1]																																				
2	(COS.sa.138 7976)	(32) SMC-AB-11	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			1.8 Secs (1.8 Secs) [==>]	[1]																																				
3	(COS.sp.138 8075)	(32) SMC-AB-11	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=62 1; SEGMENT=A			105 Secs (420 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																				



Proposal 15629 - Visit 33 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 33, implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																																
	(Visit 33) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.																																																
Fixed Targets	<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>(33)</td> <td>DACHS-SMC-1-14</td> <td>RA: 00 52 30.7478 (13.1281158d) Dec: -72 39 31.10 (-72.65864d) Equinox: J2000</td> <td>Proper Motion RA: 0.747 mas/yr Proper Motion Dec: -1.135 mas/yr Epoch of Position: 2018</td> <td>V=13.47 U=12.55, B-V=-0.02, O9.7I</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=[SUPERGIANT O] Extended=NO</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(33)	DACHS-SMC-1-14	RA: 00 52 30.7478 (13.1281158d) Dec: -72 39 31.10 (-72.65864d) Equinox: J2000	Proper Motion RA: 0.747 mas/yr Proper Motion Dec: -1.135 mas/yr Epoch of Position: 2018	V=13.47 U=12.55, B-V=-0.02, O9.7I	Reference Frame: ICRS																											
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																											
(33)	DACHS-SMC-1-14	RA: 00 52 30.7478 (13.1281158d) Dec: -72 39 31.10 (-72.65864d) Equinox: J2000	Proper Motion RA: 0.747 mas/yr Proper Motion Dec: -1.135 mas/yr Epoch of Position: 2018	V=13.47 U=12.55, B-V=-0.02, O9.7I	Reference Frame: ICRS																																												
<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</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>(COS.sa.138 8605)</td> <td>(33) DACHS-SMC-1-14</td> <td>COS/FUV, ACQ/PEAKXD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3</td> <td></td> <td></td> <td>1.4 Secs (1.4 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.sa.138 8605)</td> <td>(33) DACHS-SMC-1-14</td> <td>COS/FUV, ACQ/PEAKD, PSA</td> <td>G140L 1105 A</td> <td>CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9</td> <td></td> <td></td> <td>1.4 Secs (1.4 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.138 8622)</td> <td>(33) DACHS-SMC-1-14</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FP-POS=ALL; BUFFER-TIME=64 9; SEGMENT=A</td> <td></td> <td></td> <td>215 Secs (860 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.sa.138 8605)	(33) DACHS-SMC-1-14	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			1.4 Secs (1.4 Secs) [==>]	[1]	2	(COS.sa.138 8605)	(33) DACHS-SMC-1-14	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			1.4 Secs (1.4 Secs) [==>]	[1]	3	(COS.sp.138 8622)	(33) DACHS-SMC-1-14	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=64 9; SEGMENT=A			215 Secs (860 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																								
1	(COS.sa.138 8605)	(33) DACHS-SMC-1-14	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A	CENTER=FLUX-W T; NUM-POS=3; SEGMENT=A; STEP-SIZE=1.3			1.4 Secs (1.4 Secs) [==>]	[1]																																								
2	(COS.sa.138 8605)	(33) DACHS-SMC-1-14	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-W T-FLR; NUM-POS=5; SEGMENT=A; STEP-SIZE=0.9			1.4 Secs (1.4 Secs) [==>]	[1]																																								
3	(COS.sp.138 8622)	(33) DACHS-SMC-1-14	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FP-POS=ALL; BUFFER-TIME=64 9; SEGMENT=A			215 Secs (860 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																								
Exposures																																																	



Proposal 15629 - Visit 34 - MAssivE STaR Outflows (MAESTRO)

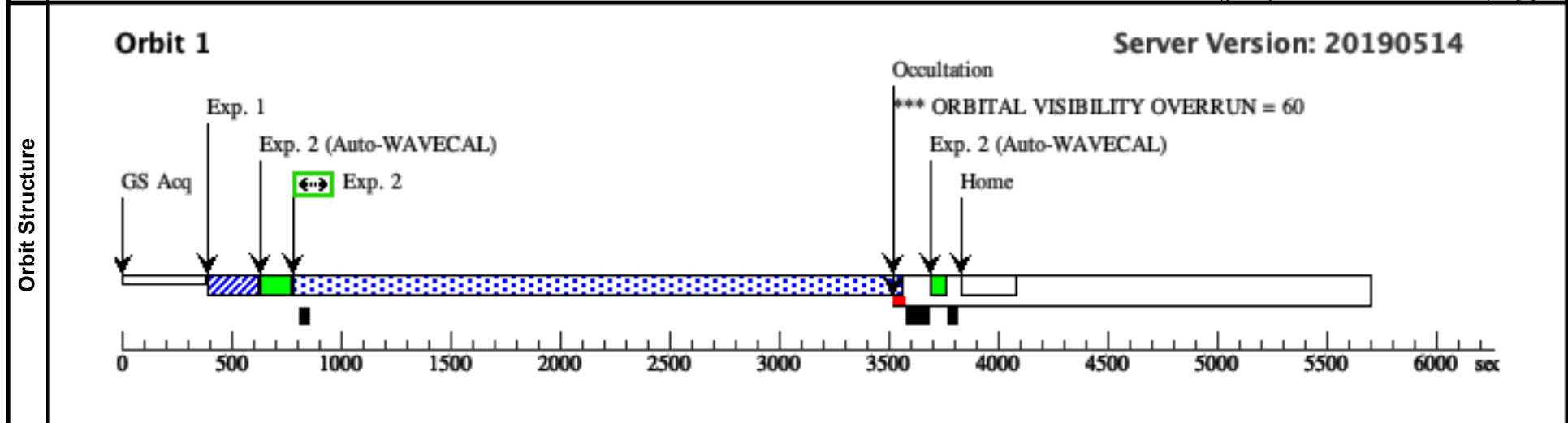
Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 34, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 34) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(34)</td> <td>SK-32</td> <td>RA: 00 50 1.8664 (12.5077767d) Dec: -72 11 26.59 (-72.19072d) Equinox: J2000</td> <td>Proper Motion RA: 0.528 mas/yr Proper Motion Dec: -1.190 mas/yr Epoch of Position: 2018</td> <td>V=13.596 U=12.313, B-V=-0.19, O5.5III</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=[GIANT O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(34)	SK-32	RA: 00 50 1.8664 (12.5077767d) Dec: -72 11 26.59 (-72.19072d) Equinox: J2000	Proper Motion RA: 0.528 mas/yr Proper Motion Dec: -1.190 mas/yr Epoch of Position: 2018	V=13.596 U=12.313, B-V=-0.19, O5.5III	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(34)	SK-32	RA: 00 50 1.8664 (12.5077767d) Dec: -72 11 26.59 (-72.19072d) Equinox: J2000	Proper Motion RA: 0.528 mas/yr Proper Motion Dec: -1.190 mas/yr Epoch of Position: 2018	V=13.596 U=12.313, B-V=-0.19, O5.5III	Reference Frame: ICRS								

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8224)	(34) SK-32	STIS/CCD, ACQ, F28X50LP	MIRROR					0.7 Secs (0.7 Secs) [==>]
2	(STIS.sp.13 53269)	(34) SK-32	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2767 Secs (2767 Secs) [==>]	[1]



Proposal 15629 - Visit 35 - MAssivE STaR Outflows (MAESTRO)

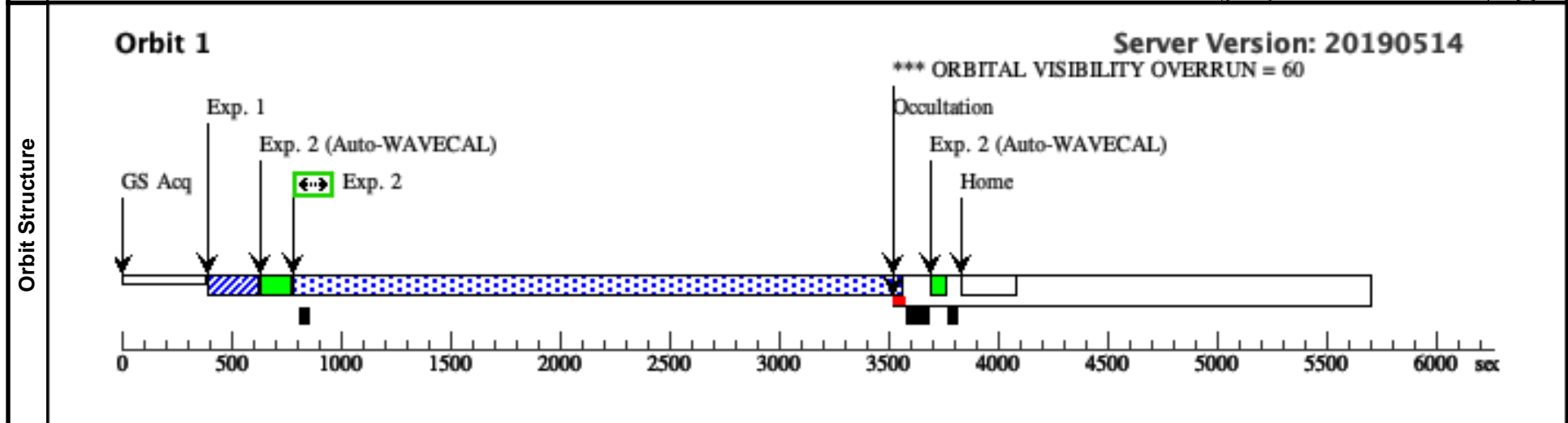
Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 35, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 35) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(35)</td> <td>SK-142</td> <td>RA: 01 10 45.0341 (17.6876421d) Dec: -72 43 9.09 (-72.71919d) Equinox: J2000</td> <td>Proper Motion RA: 1.044 mas/yr Proper Motion Dec: -1.069 mas/yr Epoch of Position: 2018</td> <td>V=13.6 U=12.44, B-V=-0.11, O9.7III</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(35)	SK-142	RA: 01 10 45.0341 (17.6876421d) Dec: -72 43 9.09 (-72.71919d) Equinox: J2000	Proper Motion RA: 1.044 mas/yr Proper Motion Dec: -1.069 mas/yr Epoch of Position: 2018	V=13.6 U=12.44, B-V=-0.11, O9.7III	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(35)	SK-142	RA: 01 10 45.0341 (17.6876421d) Dec: -72 43 9.09 (-72.71919d) Equinox: J2000	Proper Motion RA: 1.044 mas/yr Proper Motion Dec: -1.069 mas/yr Epoch of Position: 2018	V=13.6 U=12.44, B-V=-0.11, O9.7III	Reference Frame: ICRS								
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[GIANT O] Extended=NO													

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8222)	(35) SK-142	STIS/CCD, ACQ, F28X50LP	MIRROR					0.6 Secs (0.6 Secs) [=>]
2	(STIS.sp.13 68223)	(35) SK-142	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2767 Secs (2767 Secs) [=>]	[1]



Proposal 15629 - Visit 36 - MAssivE STaR Outflows (MAESTRO)

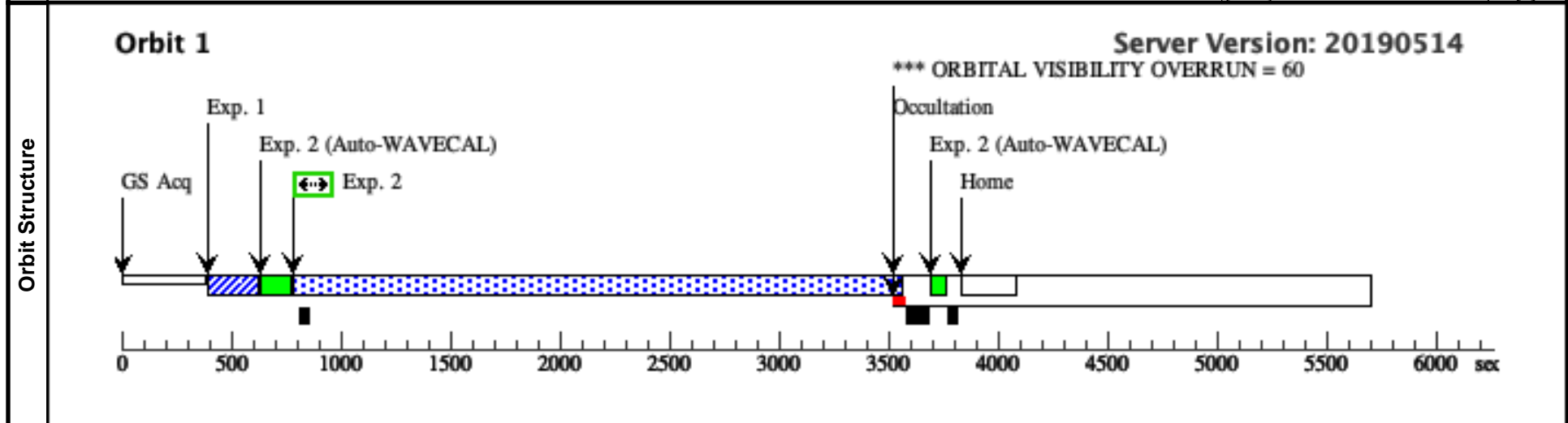
Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 36, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 36) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(36)</td> <td>SK-101</td> <td>RA: 01 01 57.2231 (15.4884296d) Dec: -72 12 42.22 (-72.21173d) Equinox: J2000</td> <td>Proper Motion RA: 0.737 mas/yr Proper Motion Dec: -1.319 mas/yr Epoch of Position: 2018</td> <td>V=12.536 U=11.853, B-V = 0.24, O9.5I</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. Category=STAR Description=[SUPERGIANT O] Extended=NO</i></p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(36)	SK-101	RA: 01 01 57.2231 (15.4884296d) Dec: -72 12 42.22 (-72.21173d) Equinox: J2000	Proper Motion RA: 0.737 mas/yr Proper Motion Dec: -1.319 mas/yr Epoch of Position: 2018	V=12.536 U=11.853, B-V = 0.24, O9.5I	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(36)	SK-101	RA: 01 01 57.2231 (15.4884296d) Dec: -72 12 42.22 (-72.21173d) Equinox: J2000	Proper Motion RA: 0.737 mas/yr Proper Motion Dec: -1.319 mas/yr Epoch of Position: 2018	V=12.536 U=11.853, B-V = 0.24, O9.5I	Reference Frame: ICRS								

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8220)	(36) SK-101	STIS/CCD, ACQ, F28X50LP	MIRROR					0.2 Secs (0.2 Secs) [==>]
2	(STIS.sp.13 68221)	(36) SK-101	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2769 Secs (2769 Secs) [==>]	[1]



Proposal 15629 - Visit 37 - MAssivE STaR Outflows (MAESTRO)

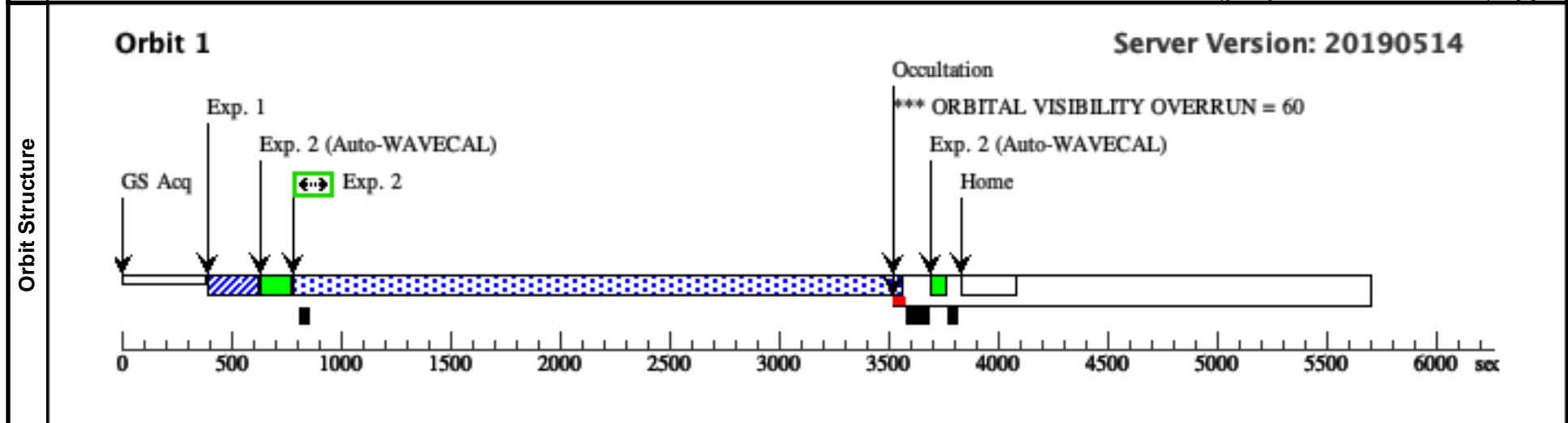
Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 37, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 37) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(37)</td> <td>AZV-258</td> <td>RA: 01 00 44.5201 (15.1855004d) Dec: -72 29 50.33 (-72.49731d) Equinox: J2000</td> <td>Proper Motion RA: 0.701 mas/yr Proper Motion Dec: -1.258 mas/yr Epoch of Position: 2018</td> <td>V=13.89 U=12.71, B-V=-0.11, O9.5III</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=[GIANT O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(37)	AZV-258	RA: 01 00 44.5201 (15.1855004d) Dec: -72 29 50.33 (-72.49731d) Equinox: J2000	Proper Motion RA: 0.701 mas/yr Proper Motion Dec: -1.258 mas/yr Epoch of Position: 2018	V=13.89 U=12.71, B-V=-0.11, O9.5III	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(37)	AZV-258	RA: 01 00 44.5201 (15.1855004d) Dec: -72 29 50.33 (-72.49731d) Equinox: J2000	Proper Motion RA: 0.701 mas/yr Proper Motion Dec: -1.258 mas/yr Epoch of Position: 2018	V=13.89 U=12.71, B-V=-0.11, O9.5III	Reference Frame: ICRS								

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8219)	(37) AZV-258	STIS/CCD, ACQ, F28X50LP	MIRROR					0.8 Secs (0.8 Secs) [=>]
2	(STIS.sp.13 53266)	(37) AZV-258	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2767 Secs (2767 Secs) [=>]	[1]



Proposal 15629 - Visit 38 - MAssivE STaR Outflows (MAESTRO)

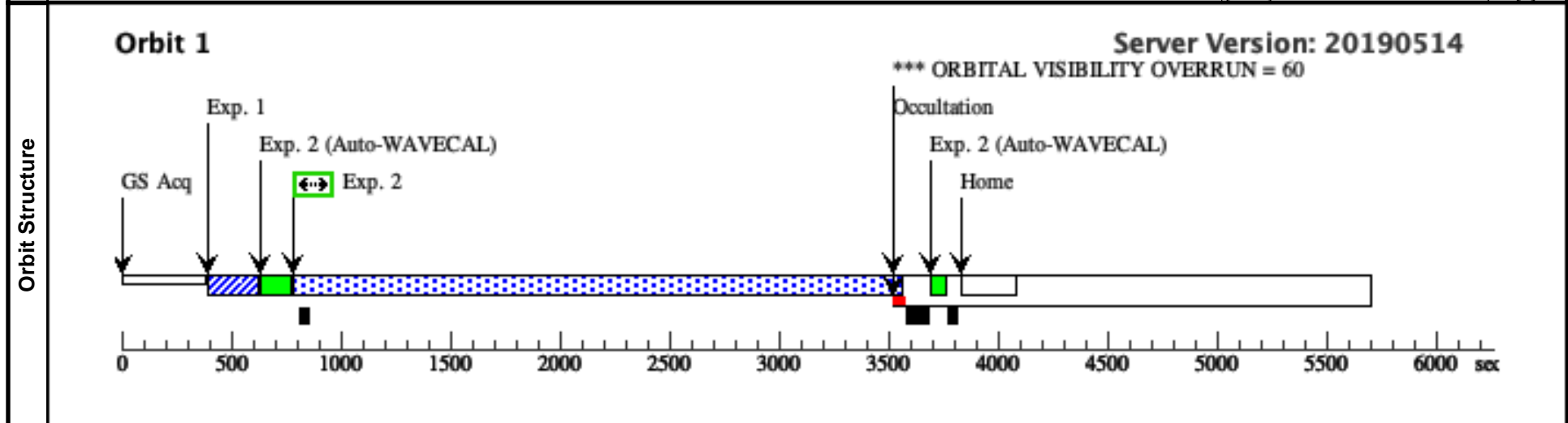
Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 38, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 38) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
--------------------	--

Fixed Targets	<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>(38)</td> <td>CL-NGC-346-SSN-7</td> <td>RA: 00 59 4.4954 (14.7687308d) Dec: -72 10 24.75 (-72.17354d) Equinox: J2000</td> <td>Proper Motion RA: 0.973 mas/yr Proper Motion Dec: -1.212 mas/yr Epoch of Position: 2018</td> <td>V=12.57 B=12.37, B-V=-0.20, O4III</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=[GIANT O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(38)	CL-NGC-346-SSN-7	RA: 00 59 4.4954 (14.7687308d) Dec: -72 10 24.75 (-72.17354d) Equinox: J2000	Proper Motion RA: 0.973 mas/yr Proper Motion Dec: -1.212 mas/yr Epoch of Position: 2018	V=12.57 B=12.37, B-V=-0.20, O4III	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(38)	CL-NGC-346-SSN-7	RA: 00 59 4.4954 (14.7687308d) Dec: -72 10 24.75 (-72.17354d) Equinox: J2000	Proper Motion RA: 0.973 mas/yr Proper Motion Dec: -1.212 mas/yr Epoch of Position: 2018	V=12.57 B=12.37, B-V=-0.20, O4III	Reference Frame: ICRS								

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8218)	(38) CL-NGC-346-SN-7	STIS/CCD, ACQ, F28X50LP	MIRROR					0.3 Secs (0.3 Secs) [=>]
2	(STIS.sp.13 53265)	(38) CL-NGC-346-SN-7	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2769 Secs (2769 Secs) [=>]	[1]



Proposal 15629 - Visit 39 - MAssivE STaR Outflows (MAESTRO)

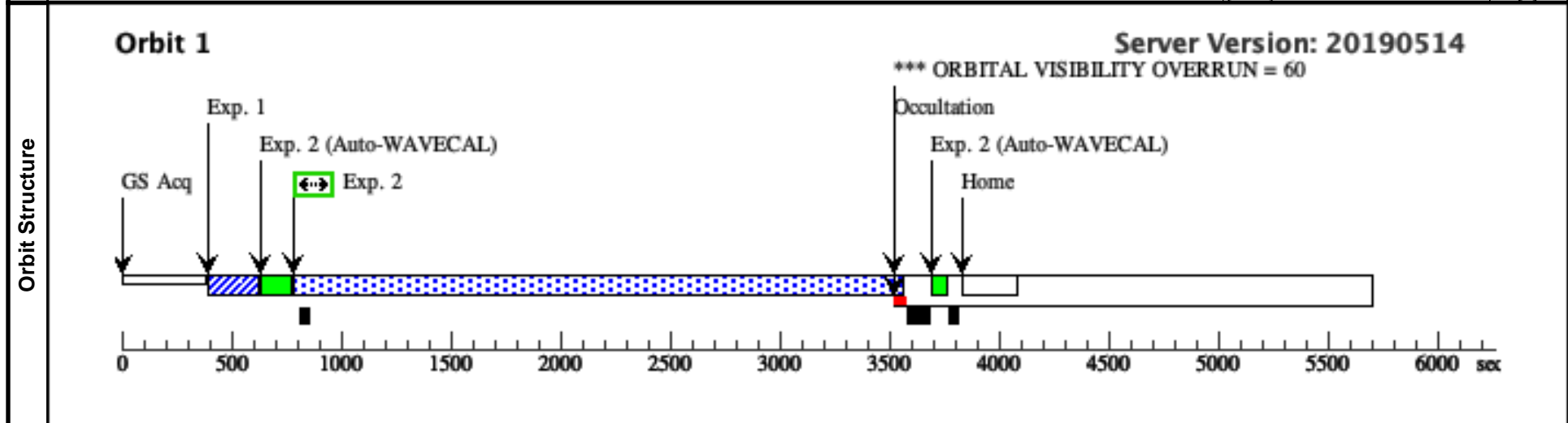
Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 39, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 39) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(39)</td> <td>LIN-78</td> <td>RA: 00 46 32.6300 (11.6359583d) Dec: -73 06 5.70 (-73.10158d) Equinox: J2000</td> <td>Proper Motion RA: 0.786 mas/yr Proper Motion Dec: -1.477 mas/yr Epoch of Position: 2018</td> <td>V=13.7 U=12.53, B-V=-0.11, O3.5V</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=[MAIN SEQUENCE O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(39)	LIN-78	RA: 00 46 32.6300 (11.6359583d) Dec: -73 06 5.70 (-73.10158d) Equinox: J2000	Proper Motion RA: 0.786 mas/yr Proper Motion Dec: -1.477 mas/yr Epoch of Position: 2018	V=13.7 U=12.53, B-V=-0.11, O3.5V	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(39)	LIN-78	RA: 00 46 32.6300 (11.6359583d) Dec: -73 06 5.70 (-73.10158d) Equinox: J2000	Proper Motion RA: 0.786 mas/yr Proper Motion Dec: -1.477 mas/yr Epoch of Position: 2018	V=13.7 U=12.53, B-V=-0.11, O3.5V	Reference Frame: ICRS								

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8217)	(39) LIN-78	STIS/CCD, ACQ, F28X50LP	MIRROR					0.7 Secs (0.7 Secs) [=>]
2	(STIS.sp.13 53263)	(39) LIN-78	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2767 Secs (2767 Secs) [=>]	[1]



Proposal 15629 - Visit 40 - MAssivE STaR Outflows (MAESTRO)

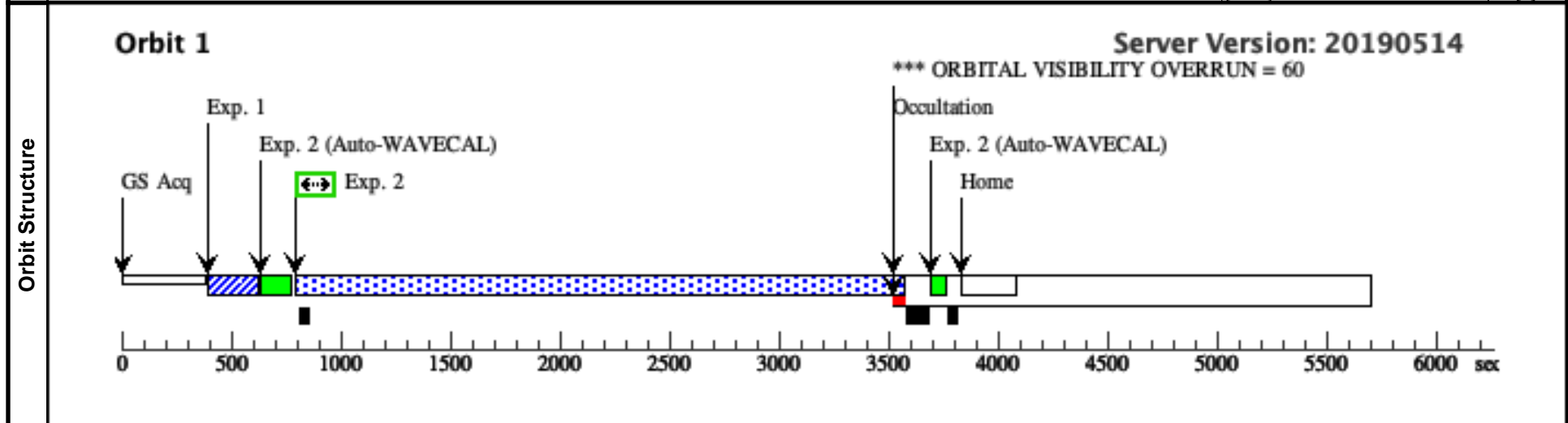
Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 40, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 40) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(40)</td> <td>AZV-296</td> <td>RA: 01 02 8.6474 (15.5360308d) Dec: -72 13 20.02 (-72.22223d) Equinox: J2000</td> <td>Proper Motion RA: 0.948 mas/yr Proper Motion Dec: -0.956 mas/yr Epoch of Position: 2018</td> <td>V=14.38 U=13.01, B-V=-0.19, O5III</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=[GIANT O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(40)	AZV-296	RA: 01 02 8.6474 (15.5360308d) Dec: -72 13 20.02 (-72.22223d) Equinox: J2000	Proper Motion RA: 0.948 mas/yr Proper Motion Dec: -0.956 mas/yr Epoch of Position: 2018	V=14.38 U=13.01, B-V=-0.19, O5III	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(40)	AZV-296	RA: 01 02 8.6474 (15.5360308d) Dec: -72 13 20.02 (-72.22223d) Equinox: J2000	Proper Motion RA: 0.948 mas/yr Proper Motion Dec: -0.956 mas/yr Epoch of Position: 2018	V=14.38 U=13.01, B-V=-0.19, O5III	Reference Frame: ICRS								

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8215)	(40) AZV-296	STIS/CCD, ACQ, F28X50LP	MIRROR					1.4 Secs (1.4 Secs) [=>]
2	(STIS.sp.13 53262)	(40) AZV-296	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2765 Secs (2765 Secs) [=>]	[1]



Proposal 15629 - Visit 41 - MAssivE STaR Outflows (MAESTRO)

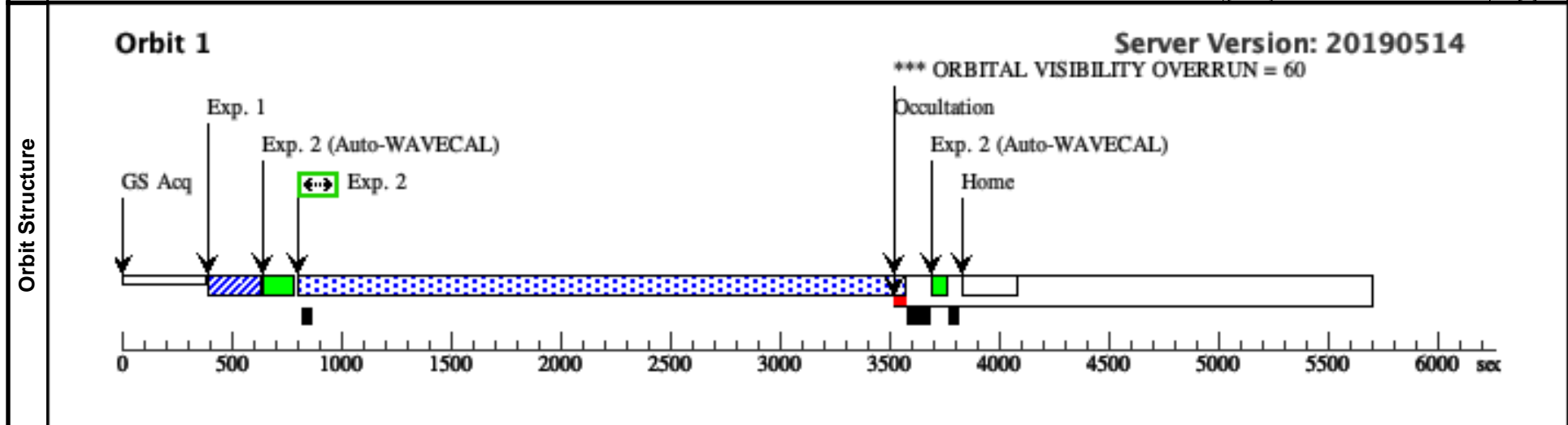
Mon Dec 23 13:01:13 GMT 2019

Visit	Proposal 15629, Visit 41, scheduling Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: (none)
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Diagnostics	(Visit 41) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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Fixed Targets	<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>(41)</td> <td>MA93-1694</td> <td>RA: 01 09 21.9492 (17.3414550d) Dec: -73 15 41.92 (-73.26164d) Equinox: J2000</td> <td>Proper Motion RA: 0.918 mas/yr Proper Motion Dec: -1.289 mas/yr Epoch of Position: 2018</td> <td>V=15.1 U 13.93, B-V=-0.23, O6.5III</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=[GIANT O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(41)	MA93-1694	RA: 01 09 21.9492 (17.3414550d) Dec: -73 15 41.92 (-73.26164d) Equinox: J2000	Proper Motion RA: 0.918 mas/yr Proper Motion Dec: -1.289 mas/yr Epoch of Position: 2018	V=15.1 U 13.93, B-V=-0.23, O6.5III	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(41)	MA93-1694	RA: 01 09 21.9492 (17.3414550d) Dec: -73 15 41.92 (-73.26164d) Equinox: J2000	Proper Motion RA: 0.918 mas/yr Proper Motion Dec: -1.289 mas/yr Epoch of Position: 2018	V=15.1 U 13.93, B-V=-0.23, O6.5III	Reference Frame: ICRS								

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8211)	(41) MA93-1694	STIS/CCD, ACQ, F28X50LP	MIRROR					3.6 Secs (3.6 Secs) [=>]
2	(STIS.sp.13 68213)	(41) MA93-1694	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2755 Secs (2755 Secs) [=>]	[1]



Proposal 15629 - Visit 42 - MAssivE STaR Outflows (MAESTRO)

Mon Dec 23 13:01:13 GMT 2019

Visit	<p>Proposal 15629, Visit 42, withdrawn</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD, STIS/FUV-MAMA</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(Visit 42) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p>
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Fixed Targets	<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>(42)</td> <td>SK-80</td> <td>RA: 00 59 31.9756 (14.8832317d) Dec: -72 10 46.11 (-72.17948d) Equinox: J2000</td> <td>Proper Motion RA: 0.877 mas/yr Proper Motion Dec: -1.174 mas/yr Epoch of Position: 2018</td> <td>V=12.31 B=12.12, B-V=-0.19, O6.5I</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=[SUPERGIANT O] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(42)	SK-80	RA: 00 59 31.9756 (14.8832317d) Dec: -72 10 46.11 (-72.17948d) Equinox: J2000	Proper Motion RA: 0.877 mas/yr Proper Motion Dec: -1.174 mas/yr Epoch of Position: 2018	V=12.31 B=12.12, B-V=-0.19, O6.5I	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(42)	SK-80	RA: 00 59 31.9756 (14.8832317d) Dec: -72 10 46.11 (-72.17948d) Equinox: J2000	Proper Motion RA: 0.877 mas/yr Proper Motion Dec: -1.174 mas/yr Epoch of Position: 2018	V=12.31 B=12.12, B-V=-0.19, O6.5I	Reference Frame: ICRS								

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.136 8210)	(42) SK-80	STIS/CCD, ACQ, F28X50LP	MIRROR					0.2 Secs (0.2 Secs) [==>]
2	(STIS.sp.13 53262)	(42) SK-80	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					2769 Secs (2769 Secs) [==>]	[1]

