



## 16776 - Cool stars with hot companions in the Small Magellanic Cloud

Cycle: 29, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

### INVESTIGATORS

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### VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) PMMR-118	STIS/CCD	1	30-Aug-2021 12:01:05.0	yes
02	(2) LHA-115-S-7	STIS/CCD	1	30-Aug-2021 12:01:05.0	yes
03	(3) BBB-SMC-307	STIS/CCD	1	30-Aug-2021 12:01:06.0	yes
04	(4) PMMR-61	STIS/CCD	1	30-Aug-2021 12:01:06.0	yes
05	(5) DACHS-SMC-2-10	STIS/CCD	1	30-Aug-2021 12:01:07.0	yes
07	(7) LIN-82	STIS/CCD	1	30-Aug-2021 12:01:08.0	yes
08	(8) LHA-115-S-30	STIS/CCD	1	30-Aug-2021 12:01:08.0	yes
09	(9) LHA-115-S-14	STIS/CCD	1	30-Aug-2021 12:01:09.0	yes
10	(10) SV-HV-11262	STIS/CCD	1	30-Aug-2021 12:01:09.0	yes

Proposal 16776 (STScI Edit Number: 0, Created: Monday, August 30, 2021 at 11:01:20 AM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
11	(11) PMMR-122	STIS/CCD	1	30-Aug-2021 12:01:10.0	yes
14	(14) PMMR-124	STIS/CCD	1	30-Aug-2021 12:01:10.0	yes
15	(15) PMMR-44	STIS/CCD	1	30-Aug-2021 12:01:11.0	yes
16	(16) SKKM-108	STIS/CCD	1	30-Aug-2021 12:01:11.0	yes
17	(17) SKKM-238	STIS/CCD	1	30-Aug-2021 12:01:12.0	yes
19	(19) LHA-115-S-33	STIS/CCD	1	30-Aug-2021 12:01:12.0	yes
21	(21) BBB-SMC-115	STIS/CCD	1	30-Aug-2021 12:01:13.0	yes
22	(22) SKKM-239	STIS/CCD	1	30-Aug-2021 12:01:13.0	yes
24	(24) PMMR-94	STIS/CCD	1	30-Aug-2021 12:01:14.0	yes
25	(25) PMMR-178	STIS/CCD	1	30-Aug-2021 12:01:14.0	yes
28	(28) BBB-SMC-348	STIS/CCD	1	30-Aug-2021 12:01:15.0	yes
29	(29) CL-NGC-330-ARP-2	STIS/CCD	1	30-Aug-2021 12:01:15.0	yes
30	(30) PMMR-149	STIS/CCD	1	30-Aug-2021 12:01:16.0	yes
31	(31) SKKM-232	STIS/CCD	1	30-Aug-2021 12:01:16.0	yes
32	(32) SKKM-202	STIS/CCD	1	30-Aug-2021 12:01:17.0	yes
33	(33) PMMR-60	STIS/CCD	1	30-Aug-2021 12:01:17.0	yes
34	(34) DACHS-SMC-1-13	STIS/CCD	1	30-Aug-2021 12:01:18.0	yes
35	(35) M2002-SMC-54134	STIS/CCD	1	30-Aug-2021 12:01:19.0	yes
36	(36) RMC-29	STIS/CCD	1	30-Aug-2021 12:01:19.0	yes

28 Total Orbits Used

## ABSTRACT

Most massive stars are born in binary systems, with 70% expected to interact with a companion within their lifetimes. The consequences of these interactions for subsequent evolutionary stages and for the endpoints of stellar evolution are still not well understood, particularly for the red supergiant (RSG) phase: the final evolutionary stage before supernova for the majority of massive stars. To improve our understanding of RSG binary systems we propose to characterise hot companions around RSGs in the Small Magellanic Cloud (SMC) using HST ultra-violet STIS

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spectroscopy. Using a combination of newly acquired photometric and archival spectroscopic observations, we have selected a sample of 28 of the highest probability RSG binaries in the Small Magellanic Cloud. From stellar evolutionary models and the small number of confirmed RSG binaries in the Galaxy, we expect the majority of hot companions to be either main-sequence B-type stars or binary interaction products (e.g. from the merger of higher-order multiple components). These observations allow us to characterise SMC RSG binary systems by accurately determining masses of the hot companions to break degeneracies in orbital solutions. The results of this proposal represent a significant advancement in the characterisation of hot companions to RSGs, in orbital configurations and mass ranges that will ultimately result in double compact object binary systems.

## **OBSERVING DESCRIPTION**

We have a total of 28 allocated SNAP targets in the SMC. Each SNAP target will be observed with the STIS/NUV CCD G230LB mode. Target acquisition will focus on the RSG star using the F28X50LP filter.

Our SNAP targets range in UVIT FUV magnitude from 13.75 to 19.5 [AB magnitudes]. The faintest targets require around 53 minutes to deliver a signal-to-noise ratio of at least 5 per resolution element. The minimum SNR we have estimated for the targets is 7.1 for #11 PMMR 122. We estimate that at this signal-to-noise ratio, for a main-sequence B-type star, we can assign a spectral type and estimate stellar parameters.

We have adjusted final exposure times for each target accordingly and for the brightest targets less than 20 minutes will be required to reach this level.

All targets use the G230LB mode, selected specifically to focus on the hot components. At longer wavelengths (e.g. G430L) the RSG would dominate at the longest wavelengths and saturate the observations.

To mitigate charge transfer efficiency effects we have selected the 52x0.2E1 aperture for all targets.

For each fixed target we have included the description [B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]. This is to highlight two points:

1. This is an exploratory proposal and therefore we do not know the spectral type of the B-type companion to great precision
2. Each binary system contains a red supergiant star (RSG) which has the spectral type  $\sim$ K I

As we have demonstrated above there is no flux from the RSG star in the selected science configuration.

Proposal 16776 - PMMR-118 (01) - Cool stars with hot companions in the Small Magellanic Cloud

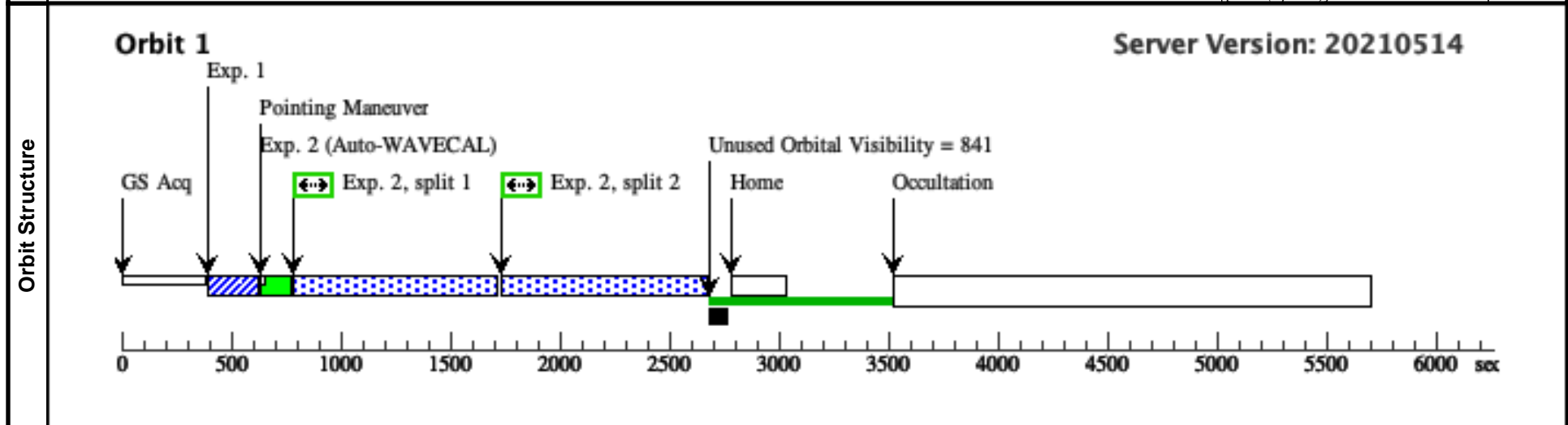
Mon Aug 30 16:01:20 GMT 2021

<b>Visit</b>	<b>Proposal 16776, PMMR-118 (01), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	PMMR-118	RA: 01 01 3.6671 (15.2652796d) Dec: -72 02 58.61 (-72.04961d) Equinox: J2000	Proper Motion RA: 1.8819355728403434E-4 sec of time/yr Proper Motion Dec: -0.0011470000117697055 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 163.7 km/sec	V=13.03 UVIT_FUV = 16.92	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*  
 DRV = 23.23  
 Category=STAR  
 Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]  
 Extended=NO

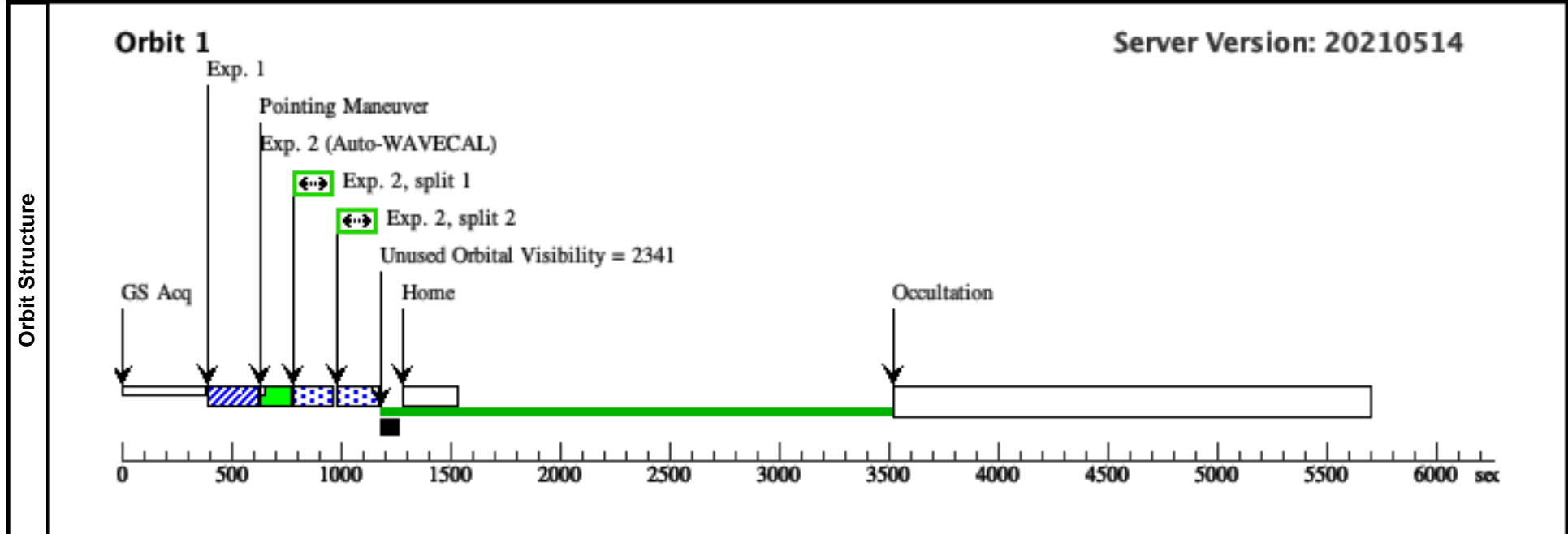
<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	PMMR-118-acq (STIS.ta.152 3717)	(1) PMMR-118	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs) [==>]
2	PMMR-118 (STIS.sp.15 23720)	(1) PMMR-118	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					1800 Secs (1800 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



<b>Visit</b>	Proposal 16776, LHA-115-S-7 (02), implementation				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	LHA-115-S-7 Alt Name1: YSG010	RA: 00 47 8.7028 (11.7862617d) Dec: -73 14 11.92 (-73.23664d) Equinox: J2000	Proper Motion RA: 1.6480626525533916E-4 sec of time/yr Proper Motion Dec: -0.0011359999916749075 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 84.99 km/sec	V=12.94 UVIT_FUV = 13.8	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
<i>DRV = 39.18</i> <i>Category=STAR</i> <i>Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]</i> <i>Extended=NO</i>					

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	LHA-115-S-7-acq (STIS.ta.152 3865)	(2) LHA-115-S-7	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
2	LHA-115-S-7 (STIS.sp.15 25602)	(2) LHA-115-S-7	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				300 Secs (300 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
<i>Comments: CTE mitigation strategy needed. Aperture specifically selected to do this.</i>									



Proposal 16776 - BBB-SMC-307 (03) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

<b>Visit</b>	<b>Proposal 16776, BBB-SMC-307 (03), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

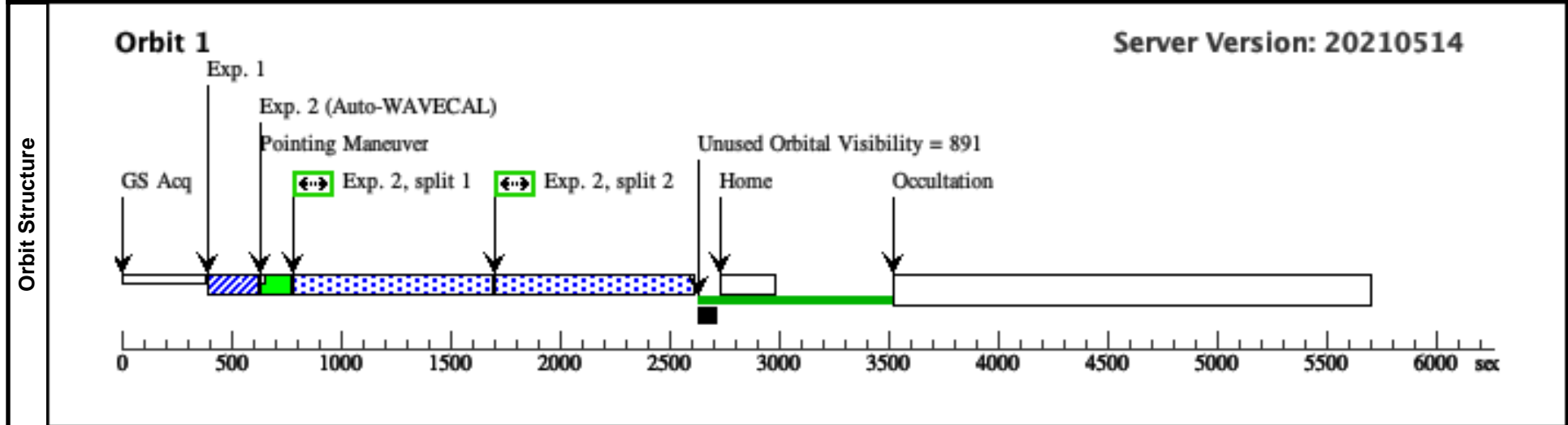
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	BBB-SMC-307	RA: 01 06 1.3813 (16.5057554d) Dec: -72 52 43.32 (-72.87870d) Equinox: J2000	Proper Motion RA: 1.5942267038221837E-4 sec of time/yr Proper Motion Dec: -0.0011650000260488014 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 194.56 km/sec	V=12.77 UVIT_FUV = 17.8	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

DRV = 2.15  
Category=STAR  
Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]  
Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	BBB-SMC-307-acq (STIS.ta.152 3867)	(3) BBB-SMC-307	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs) [==>]
2	BBB-SMC-307 (STIS.sp.15 34552)	(3) BBB-SMC-307	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					1750 Secs (1750 Secs) [==>(Split 1)] [==>(Split 2)]	[1]

*Comments: CTE mitigation strategy needed. Aperture specifically selected to do this.*



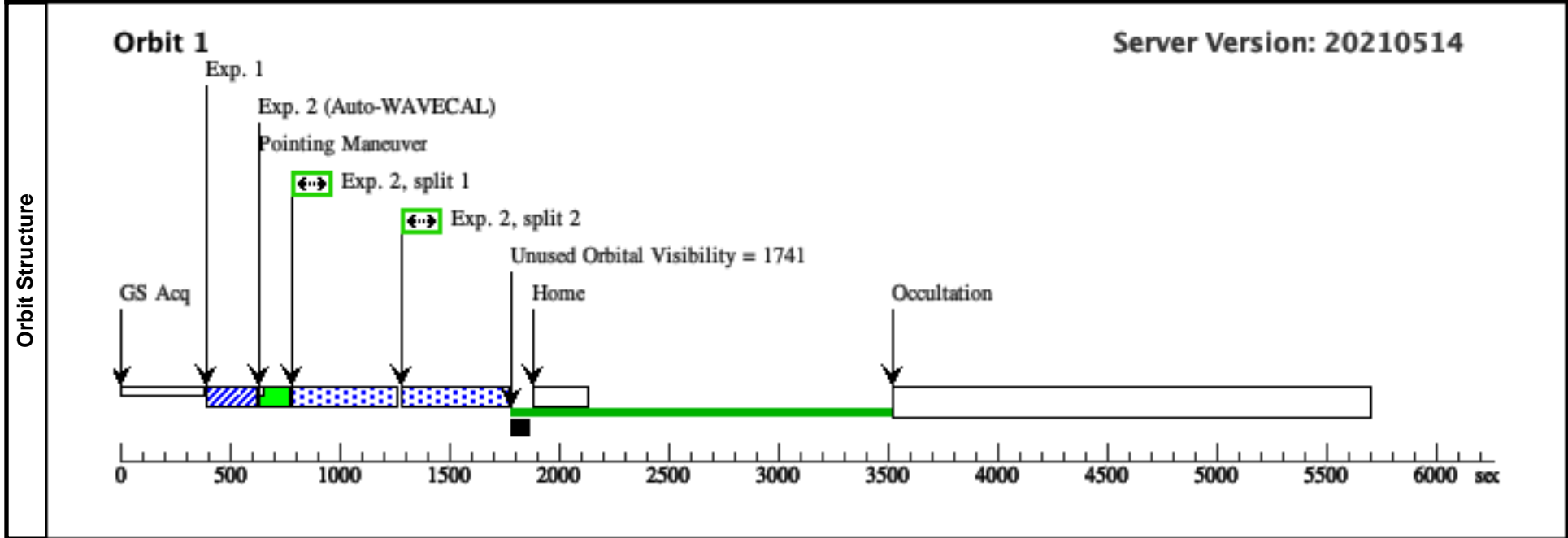
Proposal 16776 - PMMR-61 (04) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

<b>Visit</b>	<b>Proposal 16776, PMMR-61 (04), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	PMMR-61	RA: 00 53 44.5043 (13.4354346d) Dec: -72 33 19.33 (-72.55537d) Equinox: J2000	Proper Motion RA: 1.572242975036897E-4 sec of time/yr Proper Motion Dec: -0.001205999335178873 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 163.03 km/sec	V=13.11 UVIT_FUV = 15.7	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	DRV = 19.6 Category=STAR Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I] Extended=NO					

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	PMMR-61-a	(4) PMMR-61	STIS/CCD, ACQ, F28X50LP	MIRROR				0.2 Secs (0.2 Secs)		
		cq (STIS.ta.153 4073)							[==>]	[1]	
	2	PMMR-61	(4) PMMR-61	STIS/CCD, ACCUM, 52X0.2E1	G230LB				900 Secs (900 Secs)		
		(STIS.sp.15 25603)			2375 A				[==>(Split 1)] [==>(Split 2)]	[1]	
	<i>Comments: CTE mitigation strategy needed. Aperture specifically selected to do this.</i>										



Proposal 16776 - DACHS-SMC-2-10 (05) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

<b>Visit</b>	<b>Proposal 16776, DACHS-SMC-2-10 (05), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

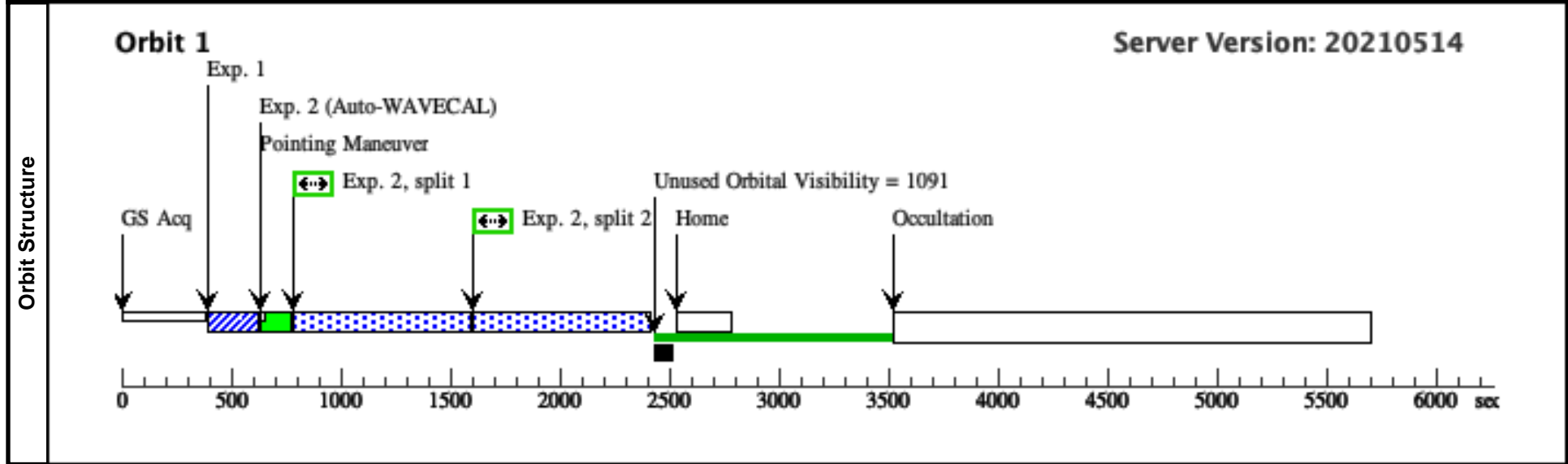
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	DACHS-SMC-2-10	RA: 01 03 10.9441 (15.7956004d) Dec: -72 18 32.75 (-72.30910d) Equinox: J2000	Proper Motion RA: 1.4918082142944378E-4 sec of time/yr Proper Motion Dec: -0.0011190000350325136 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 159.49 km/sec	V=12.9 UVIT_FUV = 16.6	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

DRV = 3.26  
Category=STAR  
Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]  
Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	DACHS-SM C-2-10-acq (STIS.ta.152 4070)	(5) DACHS-SMC-2-10	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs) [==>]
2	DACHS-SM C-2-10 (STIS.sp.15 24071)	(5) DACHS-SMC-2-10	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					1550 Secs (1550 Secs) [==>(Split 1)] [==>(Split 2)]	[1]

*Comments: CTE mitigation strategy needed. Aperture specifically selected to do this.*





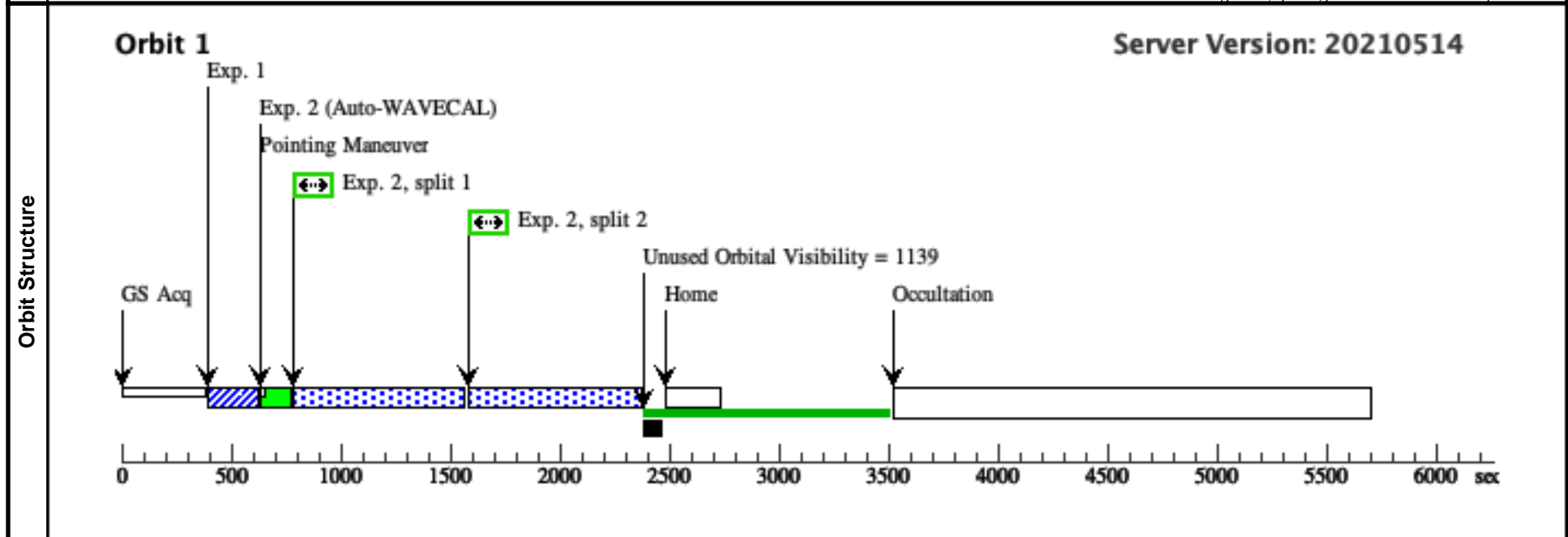
Proposal 16776 - LIN-82 (07) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

<b>Visit</b>	<b>Proposal 16776, LIN-82 (07), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	LIN-82	RA: 00 46 41.6788 (11.6736617d) Dec: -73 22 54.14 (-73.38171d) Equinox: J2000	Proper Motion RA: 1.324035431831154E-4 sec of time/yr Proper Motion Dec: -0.0011930000027859933 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 150.73 km/sec	V=14.2 UVIT_FUV = 17.0	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	<i>DRV = 16.03</i> <i>Category=STAR</i> <i>Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]</i> <i>Extended=NO</i>					

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	LIN-82-acq (STIS.ta.153 4081)	(7) LIN-82	STIS/CCD, ACQ, F28X50LP	MIRROR				0.5 Secs (0.5 Secs)	
									[==>]	[1]
	2	LIN-82 (STIS.sp.15 25600)	(7) LIN-82	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				1500 Secs (1500 Secs)	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	



Proposal 16776 - LHA 115-S-30 (08) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

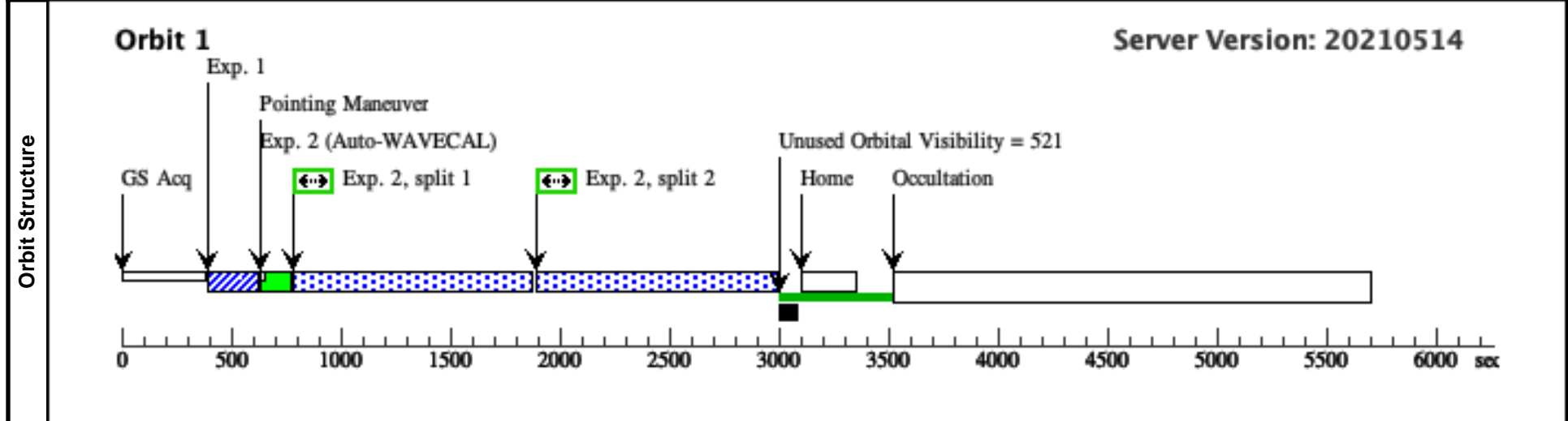
<b>Visit</b>	<b>Proposal 16776, LHA 115-S-30 (08), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	LHA-115-S-30	RA: 01 00 41.5281 (15.1730337d) Dec: -72 10 36.99 (-72.17694d) Equinox: J2000	Proper Motion RA: 1.30685452837669E-4 sec of time/yr Proper Motion Dec: -0.001148999224068015 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 177.1 km/sec	V=12.17 UVIT_FUV = 17.1	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

DRV = 18.09  
 Category=STAR  
 Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]  
 Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	LHA-115-S-30-acq (STIS.ta.152 4018)	(8) LHA-115-S-30	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs) [==>]
2	LHA-115-S-30 (STIS.sp.15 28476)	(8) LHA-115-S-30	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					2120 Secs (2120 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



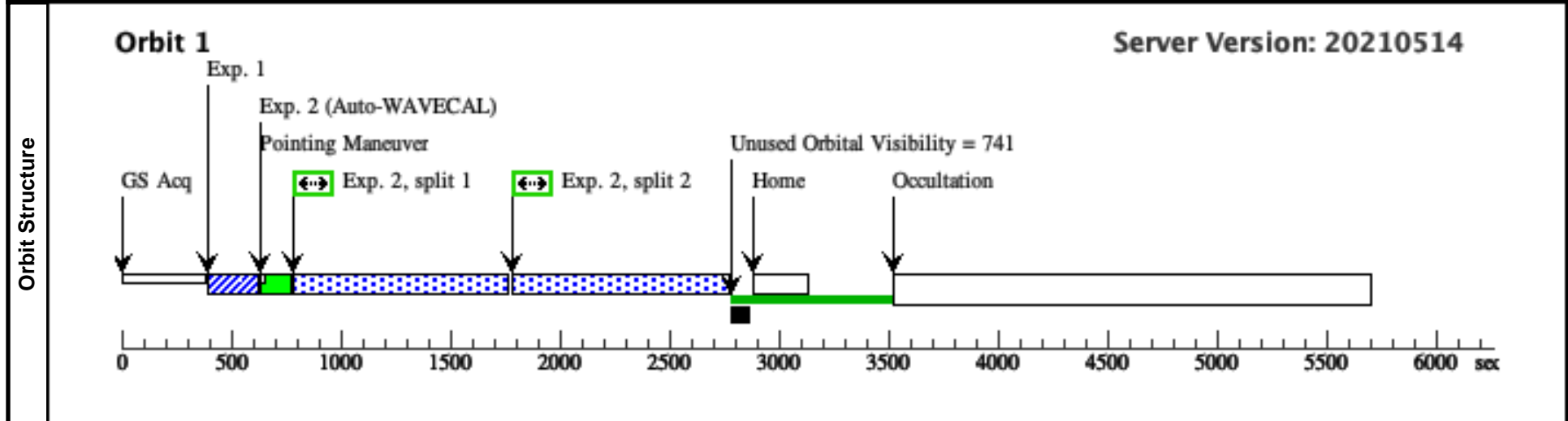
Proposal 16776 - LHA-115-S-14 (09) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

<b>Visit</b>	<b>Proposal 16776, LHA-115-S-14 (09), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	LHA-115-S-14	RA: 00 51 50.5008 (12.9604200d) Dec: -71 59 24.24 (-71.99007d) Equinox: J2000	Proper Motion RA: 1.349798929233353E-4 sec of time/yr Proper Motion Dec: -0.0011289999974906095 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 172.3 km/sec	V=12.66 UVIT_FUV = 18.1	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	<i>DRV = 19.09</i> <i>Category=STAR</i> <i>Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K V-IV]</i> <i>Extended=NO</i>					

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	LHA-115-S-14-acq (STIS.ta.152 4018)	(9) LHA-115-S-14	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	LHA-115-S-14 (STIS.sp.15 24186)	(9) LHA-115-S-14	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				1900 Secs (1900 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



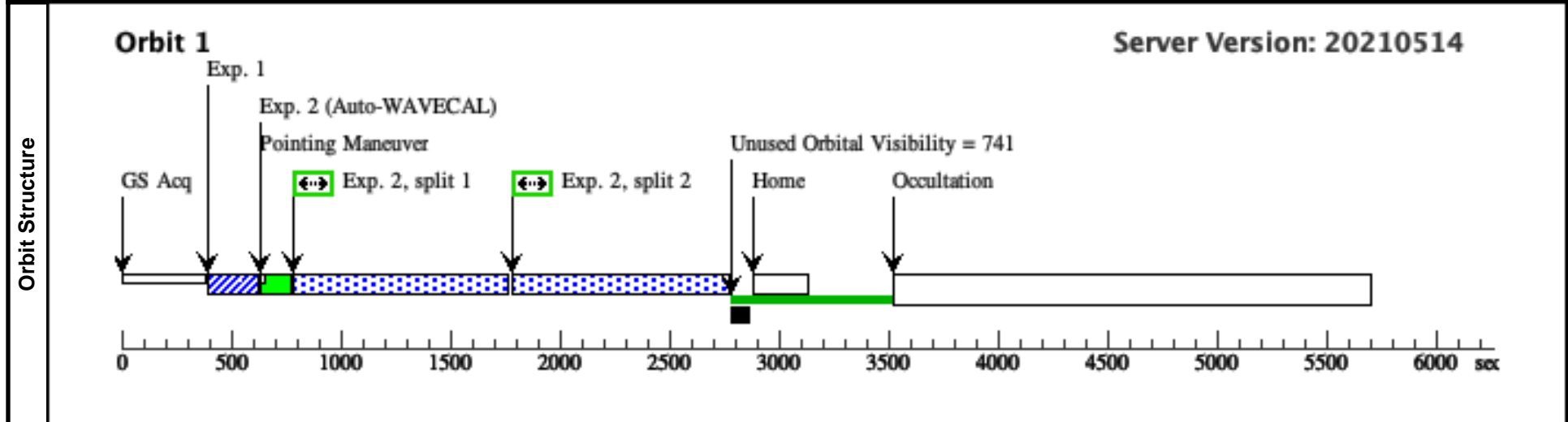
Proposal 16776 - SV-HV-11262 (10) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

<b>Visit</b>	<b>Proposal 16776, SV-HV-11262 (10), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	SV-HV-11262	RA: 00 47 36.9164 (11.9038183d) Dec: -73 04 44.28 (-73.07897d) Equinox: J2000	Proper Motion RA: 1.6858301535536597E-4 sec of time/yr Proper Motion Dec: -0.0012220000371598871 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 127.75 km/sec	V=12.62 UVIT_FUV = 18.5	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	DRV = 10.64 Category=STAR Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I] Extended=NO					

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SV-HV-112 62-acq (STIS.ta.152 4038)	(10) SV-HV-11262	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	SV-HV-112 62 (STIS.sp.15 24181)	(10) SV-HV-11262	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				1900 Secs (1900 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



Proposal 16776 - PMMR-122 (11) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

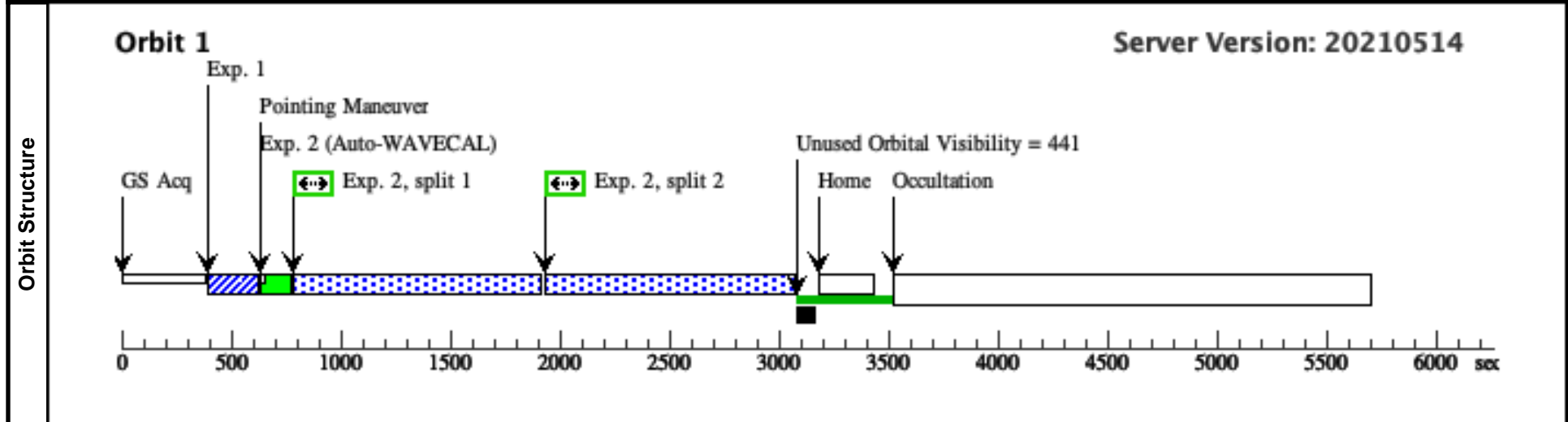
<b>Visit</b>	<b>Proposal 16776, PMMR-122 (11), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	PMMR-122	RA: 01 01 19.9561 (15.3331504d) Dec: -72 05 13.24 (-72.08701d) Equinox: J2000	Proper Motion RA: 1.3590299892157136E-4 sec of time/yr Proper Motion Dec: -0.001266999970539473 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 179.67 km/sec	V=12.83 UVIT_FUV = 18.6	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

DRV = 14.79  
Category=STAR  
Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]  
Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	PMMR-122-acq (STIS.ta.152 4042)	(11) PMMR-122	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs) [==>]
2	PMMR-122 (STIS.sp.15 25599)	(11) PMMR-122	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					2200 Secs (2200 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



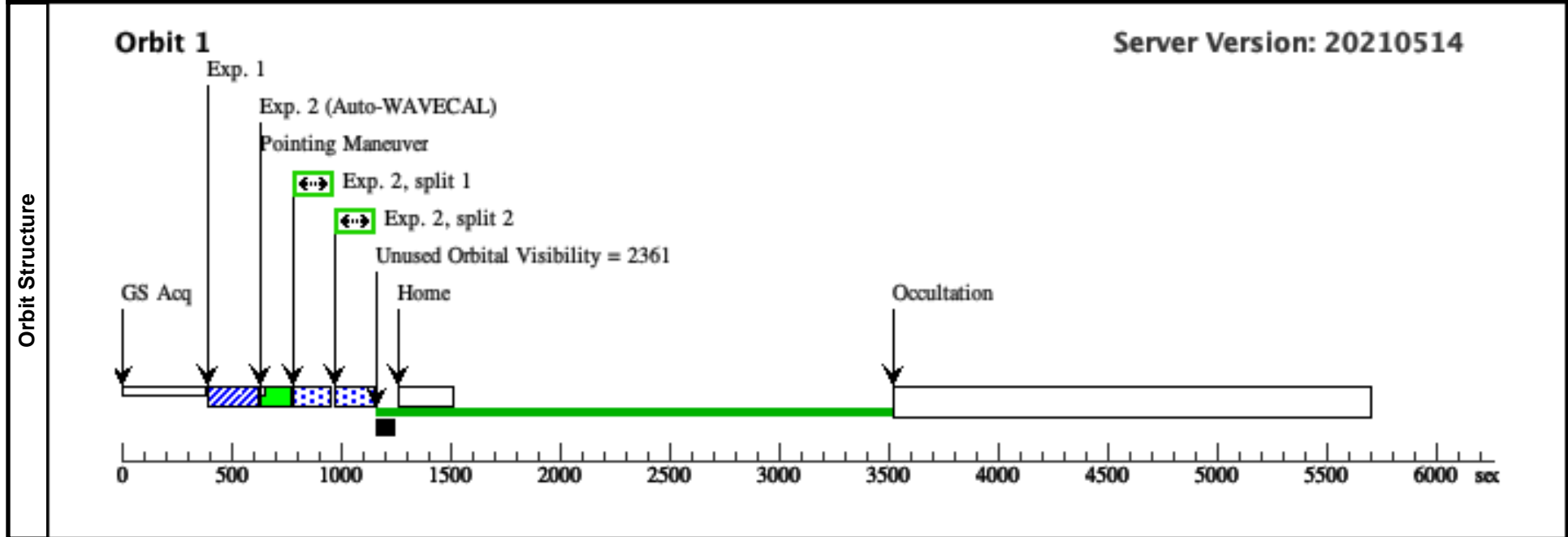
Proposal 16776 - PMMR-124 (14) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

<b>Visit</b>	<b>Proposal 16776, PMMR-124 (14), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	PMMR-124	RA: 01 01 43.6012 (15.4316717d) Dec: -72 38 25.34 (-72.64037d) Equinox: J2000	Proper Motion RA: 1.7271716112091654E-4 sec of time/yr Proper Motion Dec: -0.001251999924534175 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 148.1 km/sec	V=12.96 UVIT_FUV = 14.5	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	DRV = 4.62 Category=STAR Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I] Extended=NO					

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	PMMR-124-acq (STIS.ta.152 4054)	(14) PMMR-124	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	PMMR-124 (STIS.sp.15 25596)	(14) PMMR-124	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				280 Secs (280 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



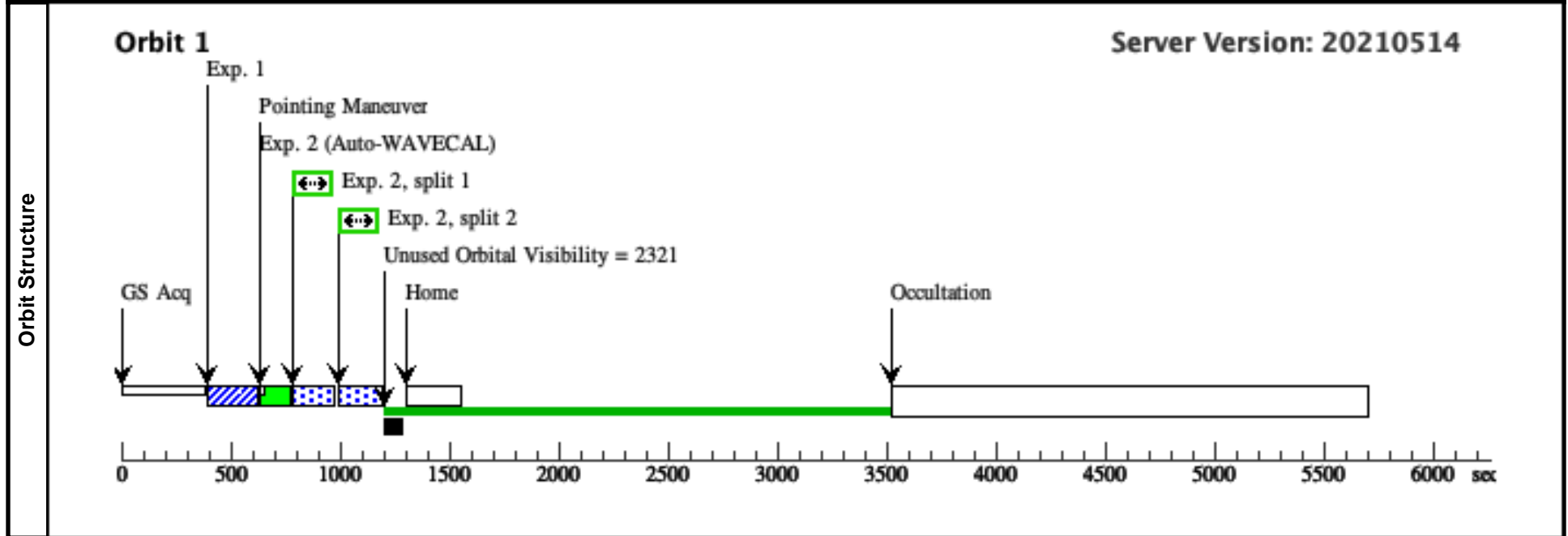
# Proposal 16776 - PMMR-44 (15) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

<b>Visit</b>	<b>Proposal 16776, PMMR-44 (15), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	PMMR-44	RA: 00 51 32.8134 (12.8867225d) Dec: -72 05 49.37 (-72.09705d) Equinox: J2000	Proper Motion RA: 1.2600071492501288E-4 sec of time/yr Proper Motion Dec: -0.0012209999795231852 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 165.67 km/sec	V=12.98 UVIT_FUV = 14.9	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	<i>DRV = 1.84</i> <i>Category=STAR</i> <i>Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]</i> <i>Extended=NO</i>					

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	PMMR-44-a (15) PMMR-44 cq (STIS.ta.152 4054)	(15) PMMR-44	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	PMMR-44 (15) PMMR-44 (STIS.sp.15 24062)	(15) PMMR-44	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				320 Secs (320 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



Proposal 16776 - SKKM-108 (16) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

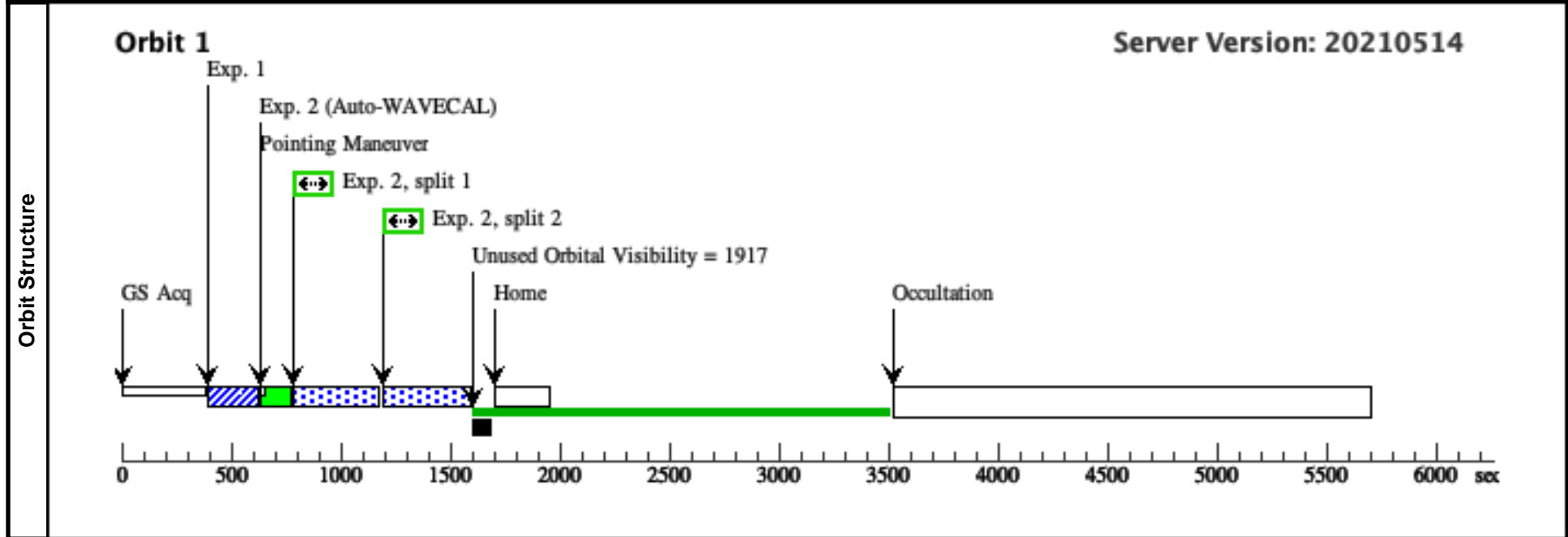
<b>Visit</b>	<b>Proposal 16776, SKKM-108 (16), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	SKKM-108	RA: 00 53 23.6215 (13.3484229d) Dec: -72 47 1.45 (-72.78374d) Equinox: J2000	Proper Motion RA: 1.319912505232391E-4 sec of time/yr Proper Motion Dec: -0.0011910000921488972 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 153.98 km/sec	V=13.0 UVIT_FUV = 15.8	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

DRV = 2.76  
Category=STAR  
Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]  
Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SKKM-108-acq (STIS.ta.152 4054)	(16) SKKM-108	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs) [==>]
2	SKKM-108 (STIS.sp.15 28470)	(16) SKKM-108	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					723 Secs (723 Secs) [==>(Split 1)] [==>(Split 2)]	[1]





Proposal 16776 - SKKM-238 (17) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

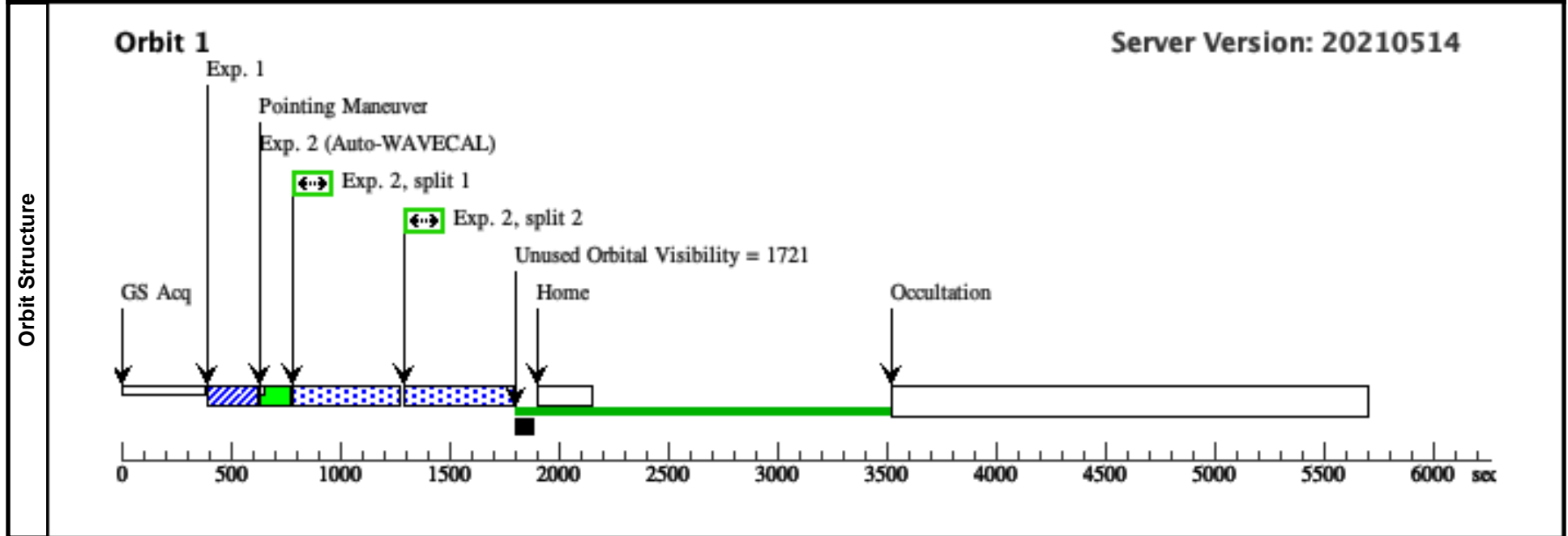
<b>Visit</b>	<b>Proposal 16776, SKKM-238 (17), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	SKKM-238	RA: 01 02 40.7830 (15.6699292d) Dec: -72 17 17.33 (-72.28815d) Equinox: J2000	Proper Motion RA: 1.6303448128653235E-4 sec of time/yr Proper Motion Dec: -0.0012409999044393771 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 161.97 km/sec	V=13.5 UVIT_FUV = 16.0	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

DRV = 7.61  
Category=STAR  
Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]  
Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SKKM-238-acq (STIS.ta.153 4078)	(17) SKKM-238	STIS/CCD, ACQ, F28X50LP	MIRROR					0.3 Secs (0.3 Secs) [==>]
2	SKKM-238 (STIS.sp.15 24066)	(17) SKKM-238	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					920 Secs (920 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



Proposal 16776 - LHA-115-S-33 (19) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:20 GMT 2021

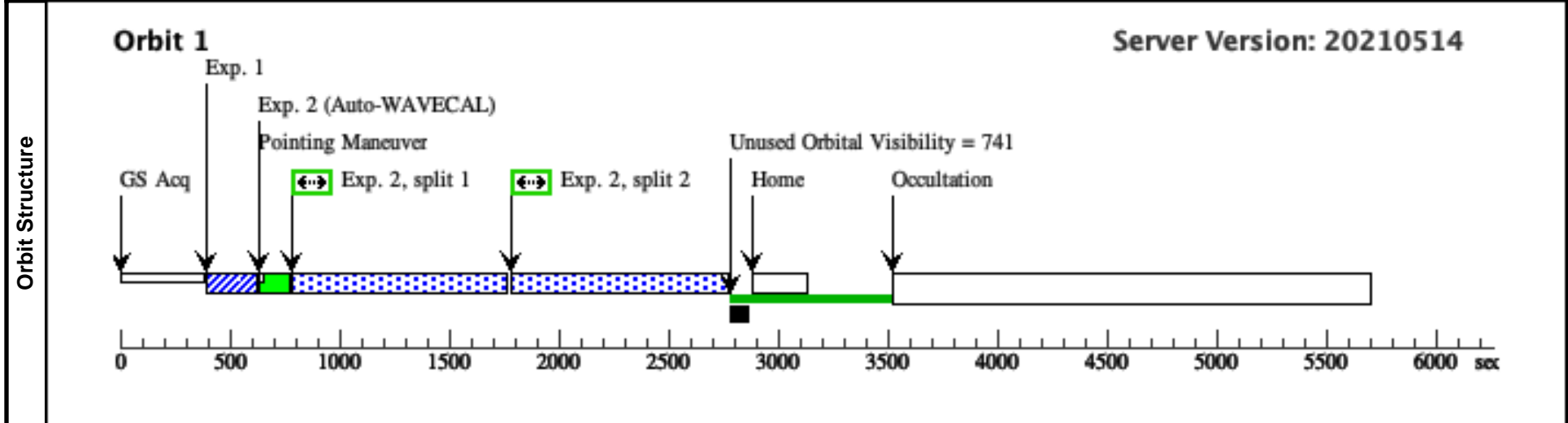
<b>Visit</b>	<b>Proposal 16776, LHA-115-S-33 (19), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(19)	LHA-115-S-33	RA: 01 01 26.9334 (15.3622225d) Dec: -72 01 41.31 (-72.02814d) Equinox: J2000	Proper Motion RA: 1.3957767740079135E-4 sec of time/yr Proper Motion Dec: -0.0012409999044393771 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 158.66 km/sec	V=12.81 UVIT_FUV = 17.0	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

DRV = 7.8  
Category=STAR  
Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]  
Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	LHA-115-S-33-acq (STIS.ta.152 4070)	(19) LHA-115-S-33	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs) [==>]
2	LHA-115-S-33 (STIS.sp.15 28522)	(19) LHA-115-S-33	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					1900 Secs (1900 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



Proposal 16776 - BBB-SMC-115 (21) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

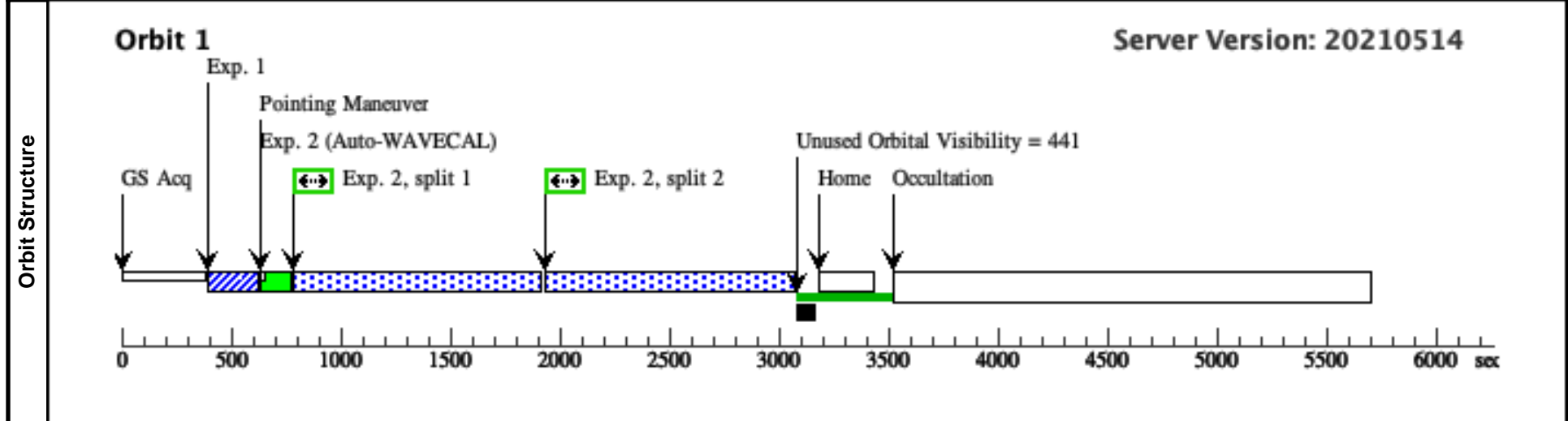
<b>Visit</b>	<b>Proposal 16776, BBB-SMC-115 (21), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(21)	BBB-SMC-115	RA: 01 10 12.4826 (17.5520108d) Dec: -72 37 31.00 (-72.62528d) Equinox: J2000	Proper Motion RA: 1.9422692316252945E-4 sec of time/yr Proper Motion Dec: -0.0011139999514853116 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 188.34 km/sec	V=13.5 UVIT_FUV = 17.8	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

DRV = 9.75  
Category=STAR  
Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]  
Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	BBB-SMC-115-acq (STIS.ta.153 4079)	(21) BBB-SMC-115	STIS/CCD, ACQ, F28X50LP	MIRROR					0.3 Secs (0.3 Secs) [==>]
2	BBB-SMC-115 (STIS.sp.15 25593)	(21) BBB-SMC-115	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					2200 Secs (2200 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



Proposal 16776 - SKKM-239 (22) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

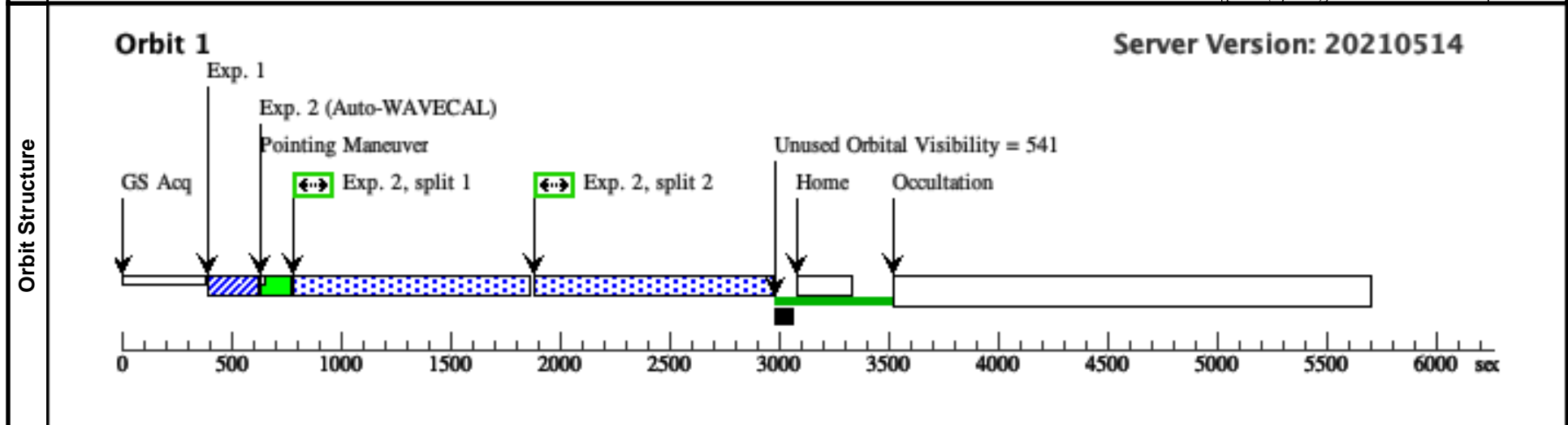
<b>Visit</b>	<b>Proposal 16776, SKKM-239 (22), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(22)	SKKM-239	RA: 01 02 42.0940 (15.6753917d) Dec: -72 37 29.44 (-72.62484d) Equinox: J2000	Proper Motion RA: 1.8395299726218413E-4 sec of time/yr Proper Motion Dec: -0.0012169999536126852 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 152.67 km/sec	V=12.96 UVIT_FUV = 18.1	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

DRV = 1.44  
Category=STAR  
Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SKKM-239-acq (STIS.ta.152 4090)	(22) SKKM-239	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs) [==>]
2	SKKM-239 (STIS.sp.15 28475)	(22) SKKM-239	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					2100 Secs (2100 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



Proposal 16776 - PMMR-94 (24) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

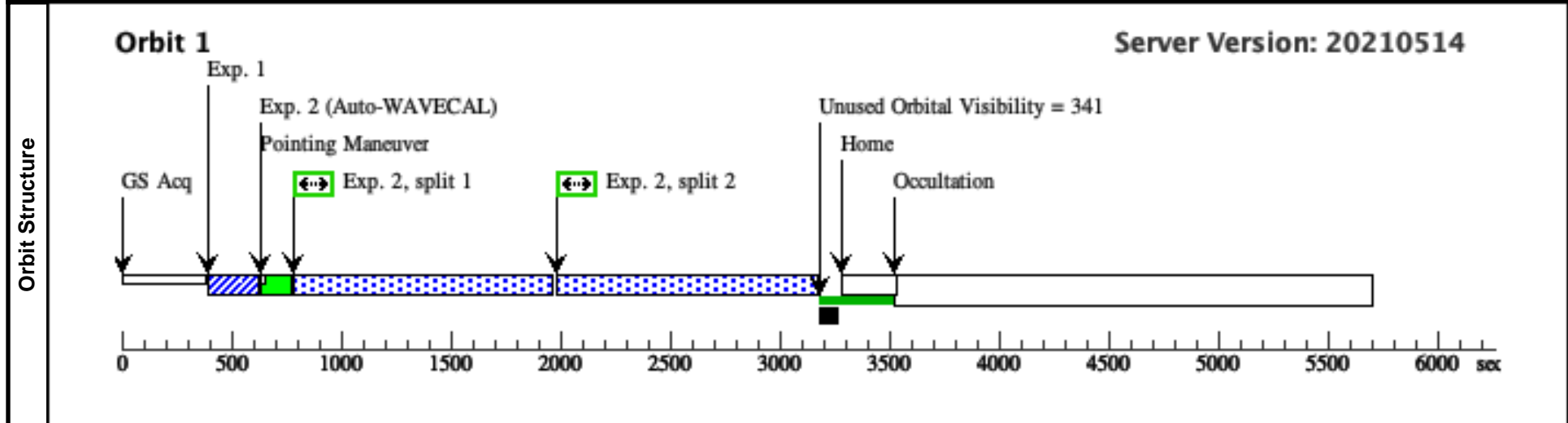
<b>Visit</b>	<b>Proposal 16776, PMMR-94 (24), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(24)	PMMR-94	RA: 00 58 8.6608 (14.5360867d) Dec: -72 19 26.95 (-72.32415d) Equinox: J2000	Proper Motion RA: 1.394234232729721E-4 sec of time/yr Proper Motion Dec: -0.0012019999076073873 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 178.39 km/sec	V=13.14 UVIT_FUV = 18.7	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

DRV = 2.36  
Category=STAR  
Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]  
Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	PMMR-94-a (24) PMMR-94 cq (STIS.ta.153 4074)	(24) PMMR-94	STIS/CCD, ACQ, F28X50LP	MIRROR					0.2 Secs (0.2 Secs) [==>]
2	PMMR-94 (24) PMMR-94 (STIS.sp.15 28490)	(24) PMMR-94	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



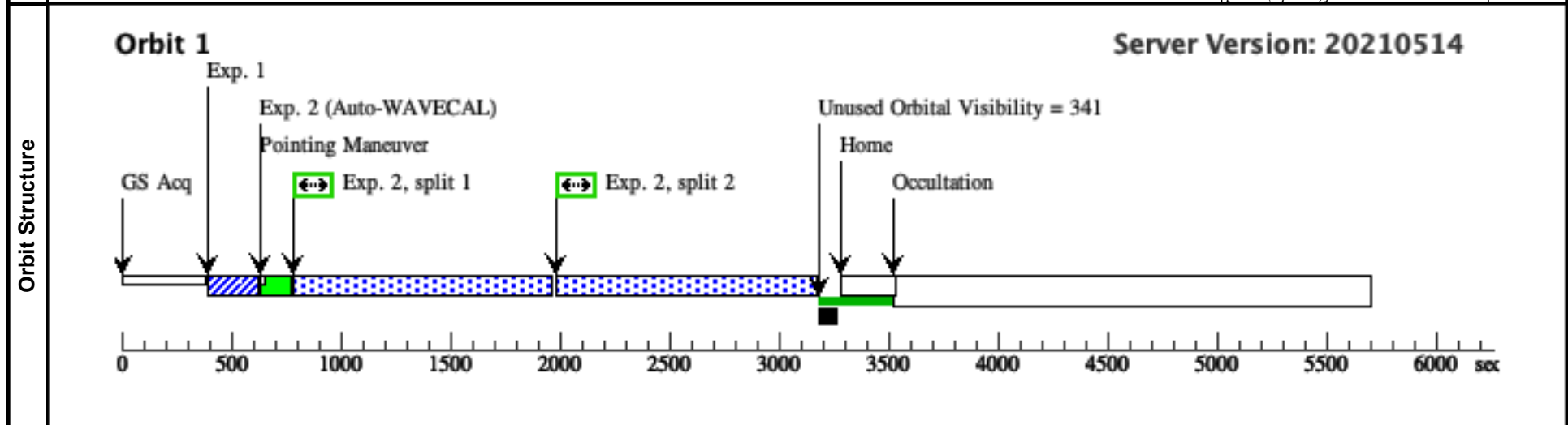
Proposal 16776 - PMMR-178 (25) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

<b>Visit</b>	<b>Proposal 16776, PMMR-178 (25), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(25)	PMMR-178	RA: 01 08 14.7786 (17.0615775d) Dec: -72 46 41.15 (-72.77810d) Equinox: J2000	Proper Motion RA: 1.9927503671176482E-4 sec of time/yr Proper Motion Dec: -0.001247000045623281 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 197.44 km/sec	V=12.58 UVIT_FUV = 18.9	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	DRV = 6.81 Category=STAR Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K V-IV] Extended=NO					

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	PMMR-178-acq (STIS.ta.152 4119)	(25) PMMR-178	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	PMMR-178 (STIS.sp.15 28490)	(25) PMMR-178	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



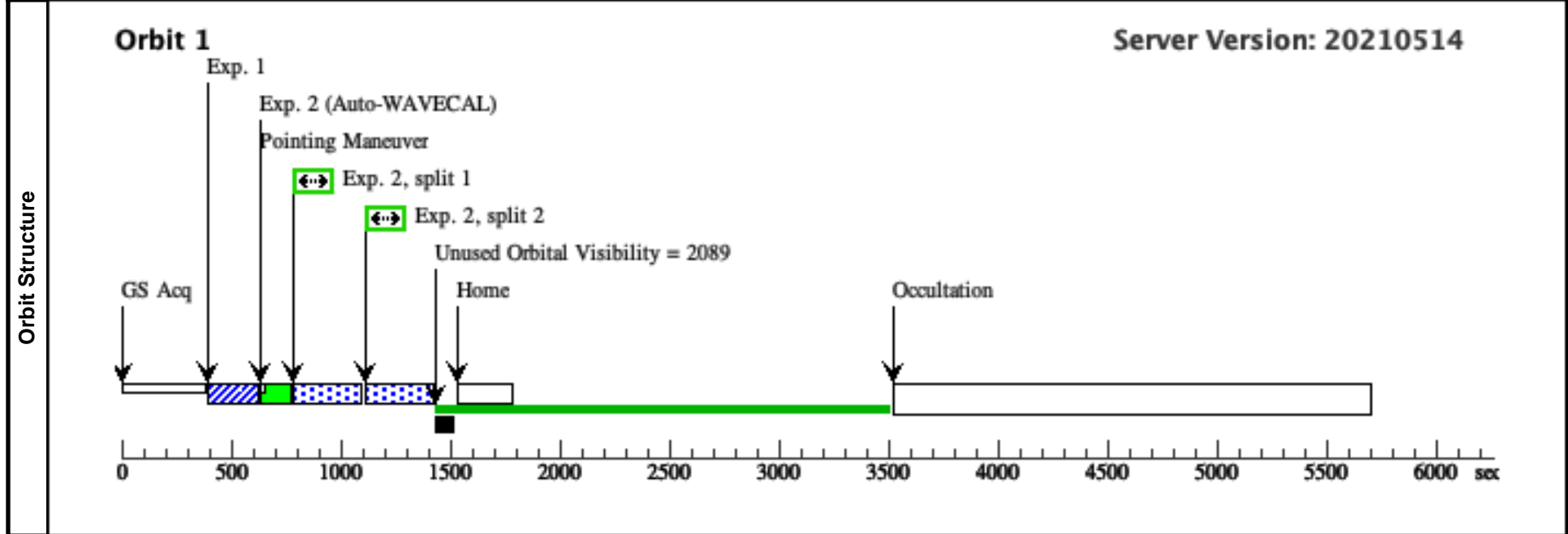
Proposal 16776 - BBB-SMC-348 (28) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

<b>Visit</b>	<b>Proposal 16776, BBB-SMC-348 (28), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(28)	BBB-SMC-348	RA: 01 05 27.4410 (16.3643375d) Dec: -72 17 4.36 (-72.28454d) Equinox: J2000	Proper Motion RA: 1.7592865664694537E-4 sec of time/yr Proper Motion Dec: -0.0011520000953169074 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 170.69 km/sec	V=13.13 UVIT_FUV = 15.5	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
<i>DRV = 15.67</i> <i>Category=STAR</i> <i>Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]</i> <i>Extended=NO</i>					

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BBB-SMC-348-acq (STIS.ta.153 4075)	(28) BBB-SMC-348	STIS/CCD, ACQ, F28X50LP	MIRROR				0.2 Secs (0.2 Secs) [==>]	[1]
2	BBB-SMC-348 (STIS.sp.15 24149)	(28) BBB-SMC-348	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				552 Secs (552 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



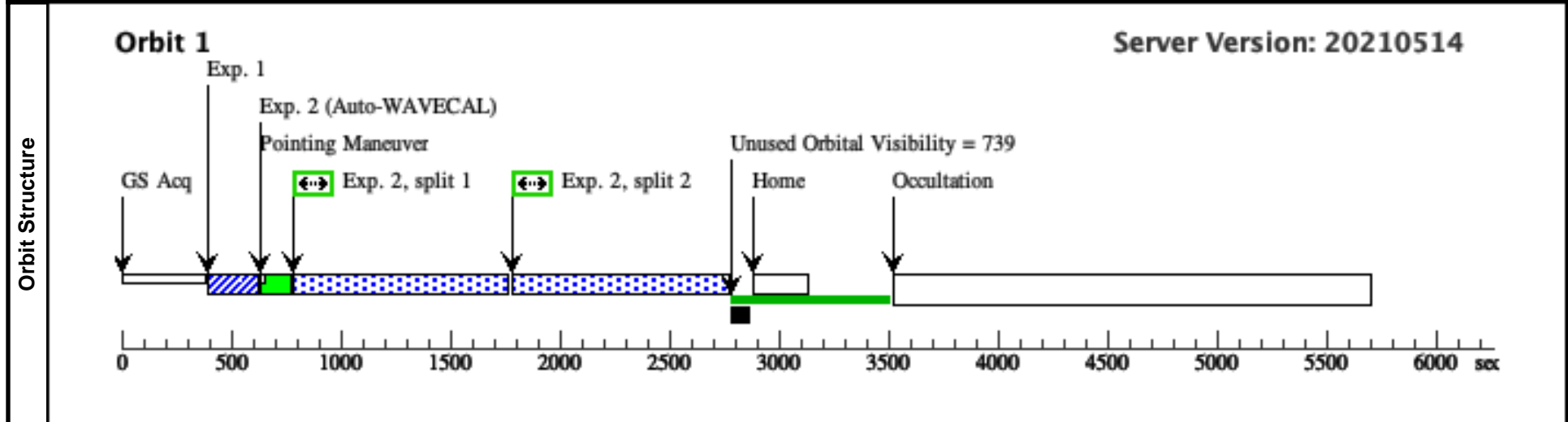
Proposal 16776 - CL-NGC-330-ARP-2 (29) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

<b>Visit</b>	<b>Proposal 16776, CL-NGC-330-ARP-2 (29), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(29)	CL-NGC-330-ARP-2 Alt Name1: B31	RA: 00 56 9.4247 (14.0392696d) Dec: -72 28 9.49 (-72.46930d) Equinox: J2000	Proper Motion RA: 1.5160733860224355E-4 sec of time/yr Proper Motion Dec: -0.0012319999996179831 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 134.87 km/sec	V=14.28 F225W = 15.16	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						
No UVIT FUV coverage. Category=STAR Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]						

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	CL-NGC-330-ARP-2-A CQ (STIS.ta.1534082)	(29) CL-NGC-330-A RP-2	STIS/CCD, ACQ, F28X50LP	MIRROR					0.5 Secs (0.5 Secs) [==>]
2	CL-NGC-330-ARP-2 (STIS.sp.1528737)	(29) CL-NGC-330-A RP-2	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					1900 Secs (1900 Secs) [==>(Split 1)] [==>(Split 2)]	[1]





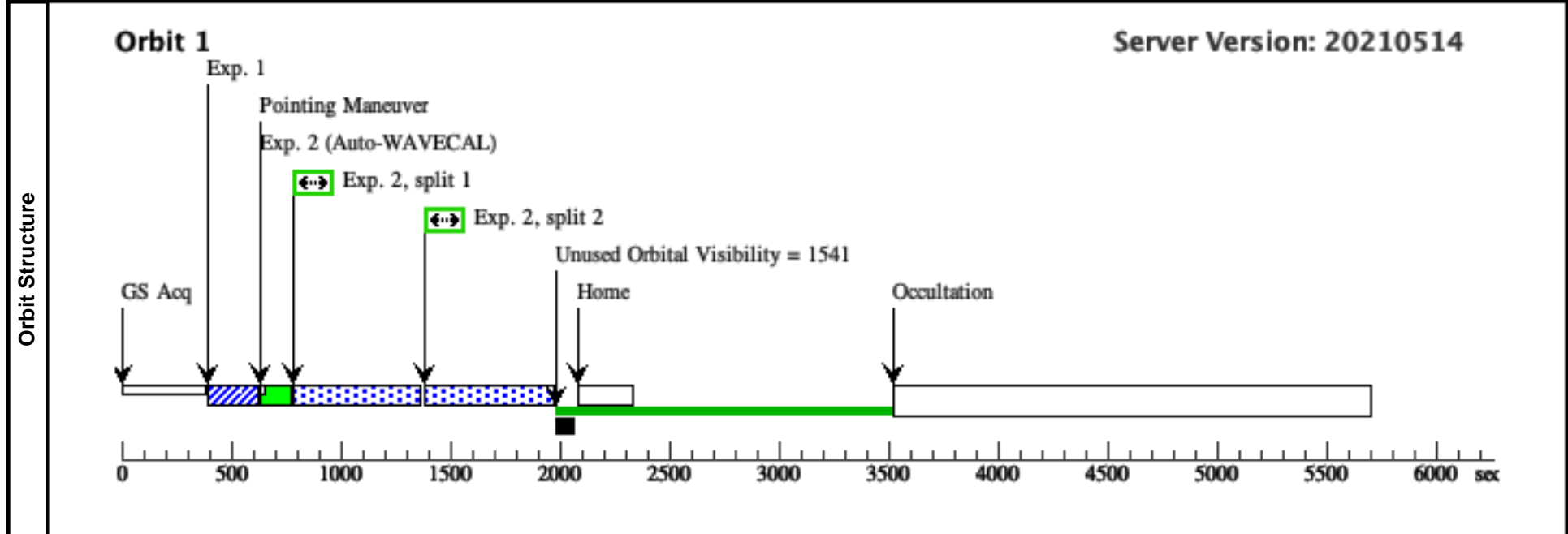
Proposal 16776 - PMMR-149 (30) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

<b>Visit</b>	<b>Proposal 16776, PMMR-149 (30), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(30)	PMMR-149	RA: 01 03 37.2948 (15.9053950d) Dec: -71 58 44.93 (-71.97915d) Equinox: J2000	Proper Motion RA: 2.342446982709767E-4 sec of time/yr Proper Motion Dec: -0.0012260000630703871 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 166.83 km/sec	V=12.98 UVIT_FUV = 16.2	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=STAR Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]					

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	PMMR-149- ACQ (STIS.ta.152 5562)	(30) PMMR-149	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	PMMR-149 (STIS.sp.15 28502)	(30) PMMR-149	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				1100 Secs (1100 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



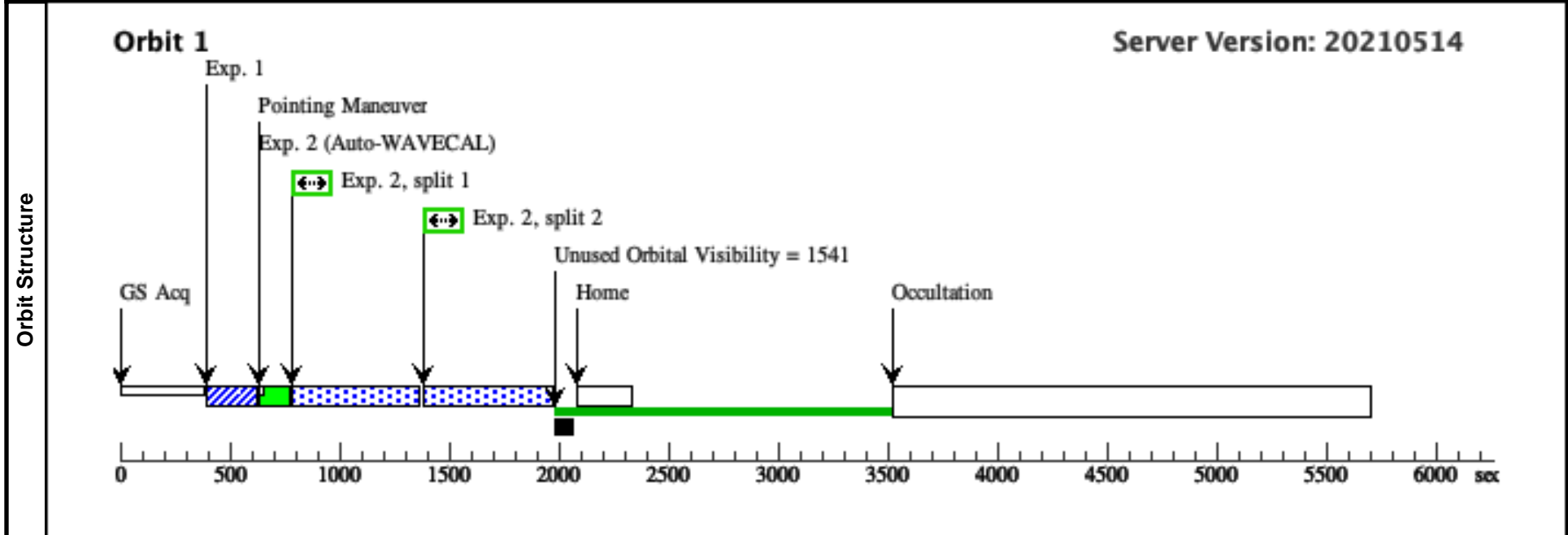
Proposal 16776 - SKKM-232 (31) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

<b>Visit</b>	<b>Proposal 16776, SKKM-232 (31), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(31)	SKKM-232	RA: 01 02 34.4463 (15.6435263d) Dec: -72 02 58.13 (-72.04948d) Equinox: J2000	Proper Motion RA: 1.804049440254958E-4 sec of time/yr Proper Motion Dec: -0.0012250000054336851 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 171.78 km/sec	V=13.02 UVIT_FUV =16.0	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						
Category=STAR Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]						

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SKKM-232- ACQ (STIS.ta.152 5562)	(31) SKKM-232	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	SKKM-232 (STIS.sp.15 28473)	(31) SKKM-232	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				1100 Secs (1100 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



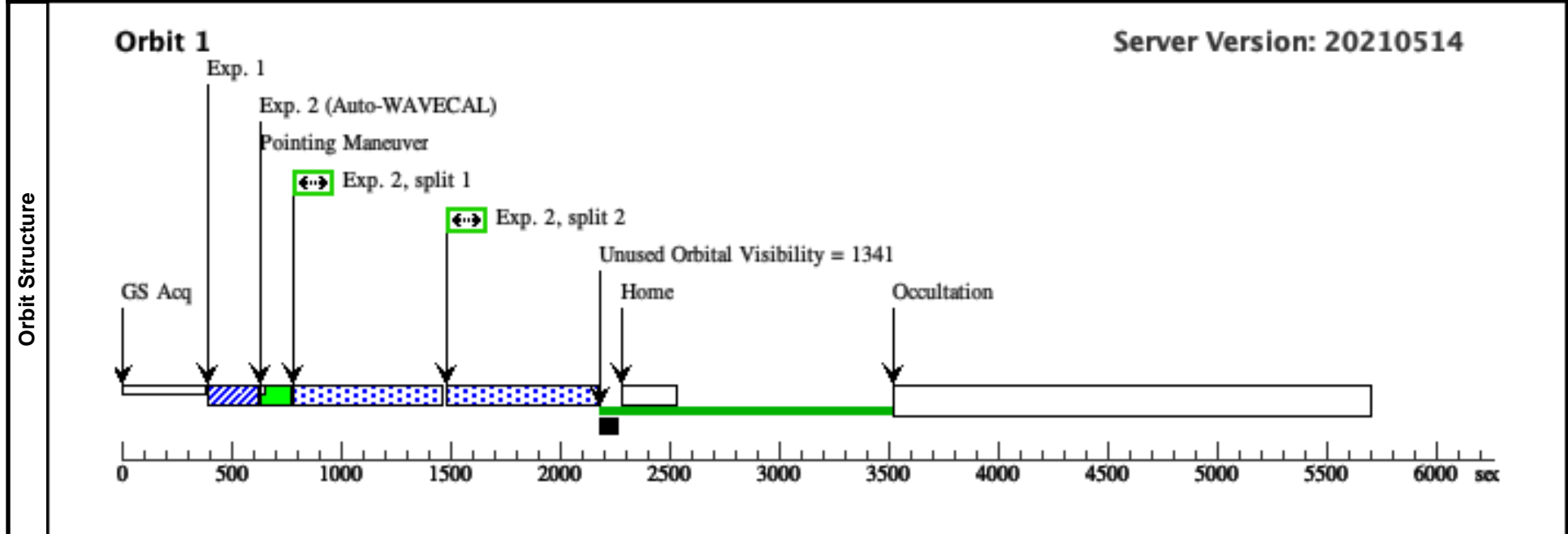
Proposal 16776 - SKKM-202 (32) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

<b>Visit</b>	<b>Proposal 16776, SKKM-202 (32), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(32)	SKKM-202	RA: 01 00 44.4606 (15.1852525d) Dec: -71 59 38.78 (-71.99411d) Equinox: J2000	Proper Motion RA: 1.7339834963878378E-4 sec of time/yr Proper Motion Dec: -0.0012409999044393771 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 140.82 km/sec	V=13.41 UVIT_FUV =16.8	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						
Category=STAR Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]						

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SKKM-202-ACQ (STIS.ta.153 4080)	(32) SKKM-202	STIS/CCD, ACQ, F28X50LP	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
	2	SKKM-202 (STIS.sp.15 25573)	(32) SKKM-202	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				1300 Secs (1300 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



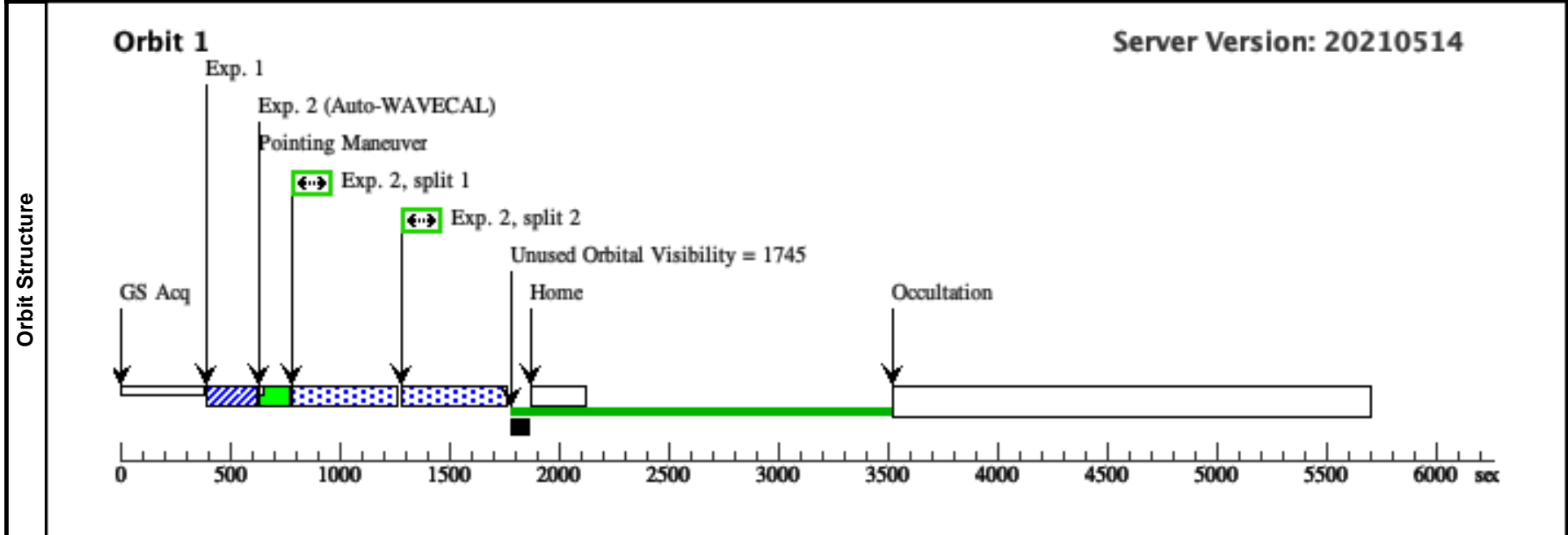
Proposal 16776 - PMMR-60 (33) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

<b>Visit</b>	<b>Proposal 16776, PMMR-60 (33), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(33)	PMMR-60	RA: 00 53 39.6626 (13.4152608d) Dec: -72 32 9.09 (-72.53586d) Equinox: J2000	Proper Motion RA: 1.6216339011783926E-4 sec of time/yr Proper Motion Dec: -0.0012069999911545892 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 143.74 km/sec	V=13.0 UVIT_FUV = 16.0	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						
Category=STAR						
Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]						

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	PMMR-60-ACQ (STIS.ta.152 5562)	(33) PMMR-60	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs) [==>]
2	PMMR-60 (STIS.sp.15 28469)	(33) PMMR-60	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					895 Secs (895 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



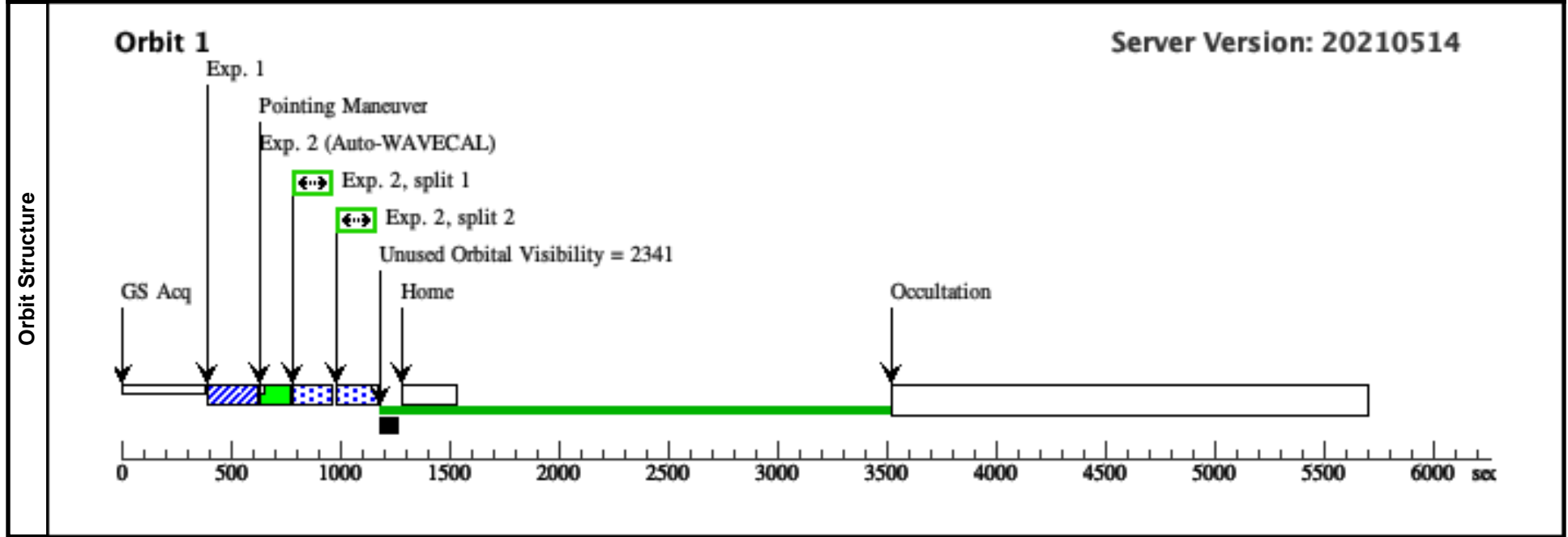
Proposal 16776 - DACHS-SMC-1-13 (34) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

<b>Visit</b>	<b>Proposal 16776, DACHS-SMC-1-13 (34), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(34)	DACHS-SMC-1-13	RA: 00 52 26.4869 (13.1103621d) Dec: -72 45 16.02 (-72.75445d) Equinox: J2000	Proper Motion RA: 1.9811059442104698E-4 sec of time/yr Proper Motion Dec: -0.0014339999779622303 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 157.0 km/sec	V=12.38 UVIT_FUV = 14.7	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=STAR Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]					

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	DACHS-SM C-1-13-AC Q (STIS.ta.152 5564)	(34) DACHS-SMC-1-13	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	DACHS-SM C-1-13 (STIS.sp.15 25609)	(34) DACHS-SMC-1-13	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				300 Secs (300 Secs) [==>(Split 1)] [==>(Split 2)]	[1]



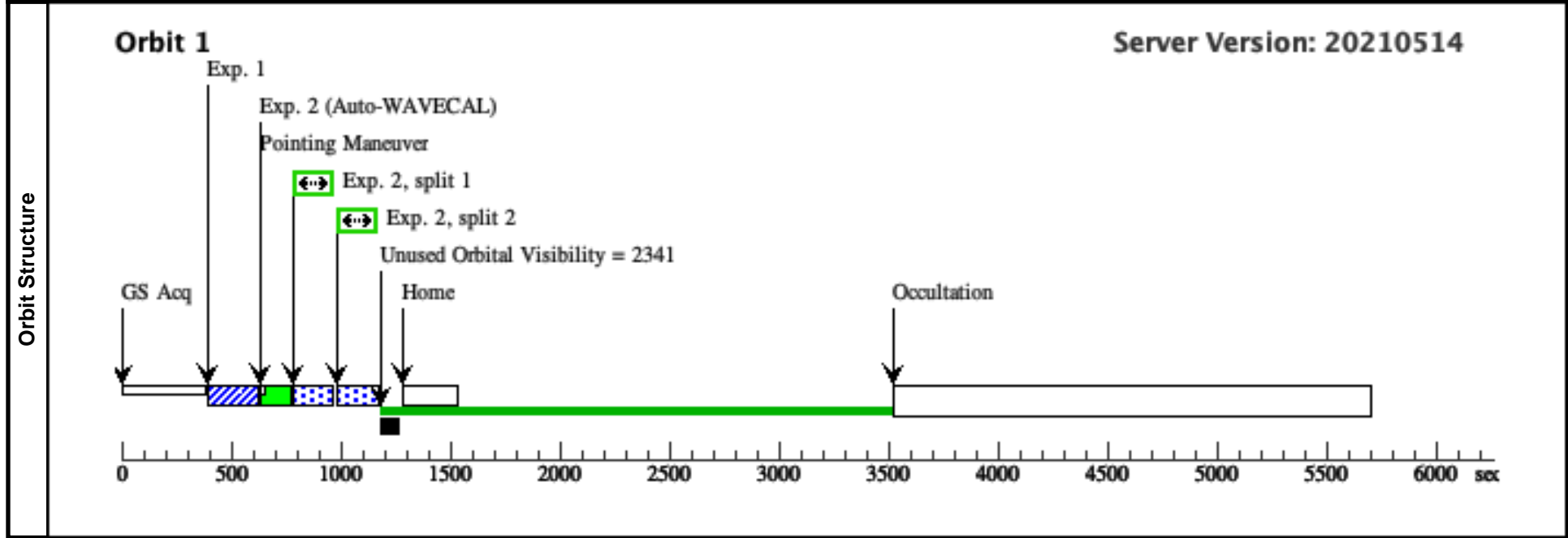
Proposal 16776 - M2002-SMC-54134 (35) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

<b>Visit</b>	<b>Proposal 16776, M2002-SMC-54134 (35), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(35)	M2002-SMC-54134	RA: 01 02 37.9514 (15.6581308d) Dec: -72 35 54.77 (-72.59855d) Equinox: J2000	Proper Motion RA: 1.5983148337712452E-4 sec of time/yr Proper Motion Dec: -0.0011860000086016953 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 173.7 km/sec	V=13.26 UVIT_FUV = 15.5	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						
Category=STAR						
Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]						

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M2002-SM C-54134-A CQ (STIS.ta.153 4076)	(35) M2002-SMC-54134	STIS/CCD, ACQ, F28X50LP	MIRROR					0.2 Secs (0.2 Secs)
[==>]										[1]
2	M2002-SM C-54134 (STIS.sp.15 27885)	(35) M2002-SMC-54134	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A					300 Secs (300 Secs)	
									[==>(Split 1)] [==>(Split 2)]	[1]



Proposal 16776 - RMC-29 (36) - Cool stars with hot companions in the Small Magellanic Cloud

Mon Aug 30 16:01:21 GMT 2021

<b>Visit</b>	<b>Proposal 16776, RMC-29 (36), implementation</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(36)	RMC-29	RA: 01 03 18.5673 (15.8273637d) Dec: -72 06 46.12 (-72.11281d) Equinox: J2000	Proper Motion RA: 1.916583099959357E-4 sec of time/yr Proper Motion Dec: -0.001444999980570283 arcsec/yr Epoch of Position: 2015.5 Radial Velocity: 178.8 km/sec	V=12.53 UVIT_FUV = 15.4	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=STAR Description=[B0-B2 V-IV, B3-B5 V-IV, B6-B9.5 V-IV, K III-I]					

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	RMC-29-A CQ (STIS.ta.152 7884)	(36) RMC-29	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	RMC-29 (STIS.sp.15 28538)	(36) RMC-29	STIS/CCD, ACCUM, 52X0.2E1	G230LB 2375 A				600 Secs (600 Secs) [==>(Split 1)] [==>(Split 2)]	[1]

