



18362 - Pathfinding Efficient Unbiased Measurements of Cold H₂ in the SMC via Far-UV Extinction

Cycle: 34, Proposal Category: GO

(UV Initiative, HWO Precursor Science (HPS))

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
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Dr. Petia Yanchulova (CoI)	Bulgarian Academy of Sciences
Dr. Logan H Jones (CoI)	Space Telescope Science Institute
Dr. Elizabeth Tarantino (CoI)	Space Telescope Science Institute

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	(3) B-1-REG1	ACS/SBC	1	19-Aug-2026 10:00:29.0	yes
02	(4) B-1-REG2	ACS/SBC	1	19-Aug-2026 10:00:29.0	yes
03	(5) B-1-REG3	ACS/SBC	1	19-Aug-2026 10:00:30.0	yes
04	(6) B-1-REG4	ACS/SBC	1	19-Aug-2026 10:00:30.0	yes
05	(7) B-1-REG5	ACS/SBC	1	19-Aug-2026 10:00:30.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
06	(8) B-1-REG6	ACS/SBC	1	19-Aug-2026 10:00:31.0	yes
07	(9) B-1-REG7	ACS/SBC	1	19-Aug-2026 10:00:31.0	yes
08	(10) B-1-REG8	ACS/SBC	1	19-Aug-2026 10:00:32.0	yes
09	(3) B-1-REG1 (4) B-1-REG2 (5) B-1-REG3 (8) B-1-REG6	ACS/SBC	1	19-Aug-2026 10:00:32.0	yes
10	(6) B-1-REG4 (7) B-1-REG5 (9) B-1-REG7 (10) B-1-REG8	ACS/SBC	1	19-Aug-2026 10:00:33.0	yes
11	(11) N13-REG1	ACS/SBC	1	19-Aug-2026 10:00:34.0	yes
12	(12) N13-REG2	ACS/SBC	1	19-Aug-2026 10:00:34.0	yes
13	(13) N13-REG3	ACS/SBC	1	19-Aug-2026 10:00:34.0	yes
14	(14) N13-REG4	ACS/SBC	1	19-Aug-2026 10:00:35.0	yes
15	(15) N13-REG5	ACS/SBC	1	19-Aug-2026 10:00:36.0	yes
16	(16) N13-REG6	ACS/SBC	1	19-Aug-2026 10:00:36.0	yes
17	(17) N13-REG7	ACS/SBC	1	19-Aug-2026 10:00:37.0	yes
18	(18) N13-REG8	ACS/SBC	1	19-Aug-2026 10:00:37.0	yes
19	(19) N13-REG9	ACS/SBC	1	19-Aug-2026 10:00:38.0	yes
20	(20) N13-REG10	ACS/SBC	1	19-Aug-2026 10:00:38.0	yes
21	(21) N13-REG11	ACS/SBC	1	19-Aug-2026 10:00:39.0	yes
22	(22) N13-REG12	ACS/SBC	1	19-Aug-2026 10:00:39.0	yes
23	(11) N13-REG1 (12) N13-REG2 (13) N13-REG3 (14) N13-REG4	ACS/SBC	1	19-Aug-2026 10:00:40.0	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>
24	(16) N13-REG6 (17) N13-REG7 (19) N13-REG9 (20) N13-REG10	ACS/SBC	1	19-Aug-2026 10:00:40.0	yes
25	(15) N13-REG5 (18) N13-REG8 (21) N13-REG11 (22) N13-REG12	ACS/SBC	1	19-Aug-2026 10:00:41.0	yes

25 Total Orbits Used

ABSTRACT

Despite its importance to star formation and to the properties of the ISM in general, it is almost impossible to get direct, unbiased measurements of cold H₂ (without costly extreme-UV spectra that no current facility can observe). This forces us to use imperfect proxies, such as CO, which are known to have major systematic errors in different environments -- especially with varying metallicity. However, a recent discovery has revealed that the column density of cold H₂ is almost perfectly correlated with the strength of the far-UV rise in the dust extinction curve, apparently because the small dust grains responsible for the FUV rise are also the primary H₂ formation sites. We propose using four ACS/SBC filters to observe two fields in the SMC in the FUV, to perform star-by-star measurements of the far-UV rise, and hence H₂ column density, towards >135 stars. This program will provide proof-of-concept of this new efficient way of obtaining high-resolution measurements of H₂ to inform HWO development -- and it will probe the molecular gas and dust properties towards two low-metallicity regions with prior evidence for CO-dark H₂, and striking variations in dust properties.

OBSERVING DESCRIPTION

We note that in the Special Requirements of the Phase I proposal, we requested that these observations are not observed consecutively with any other SBC observations, so that the raised detector temperature does not cause increased dark current. Our targets are in a highly-observable region of the sky, schedulable for about 100 days a year, in multi-week blocks spaced evenly throughout the cycle, so we hope this does not make things difficult for the scheduling team.

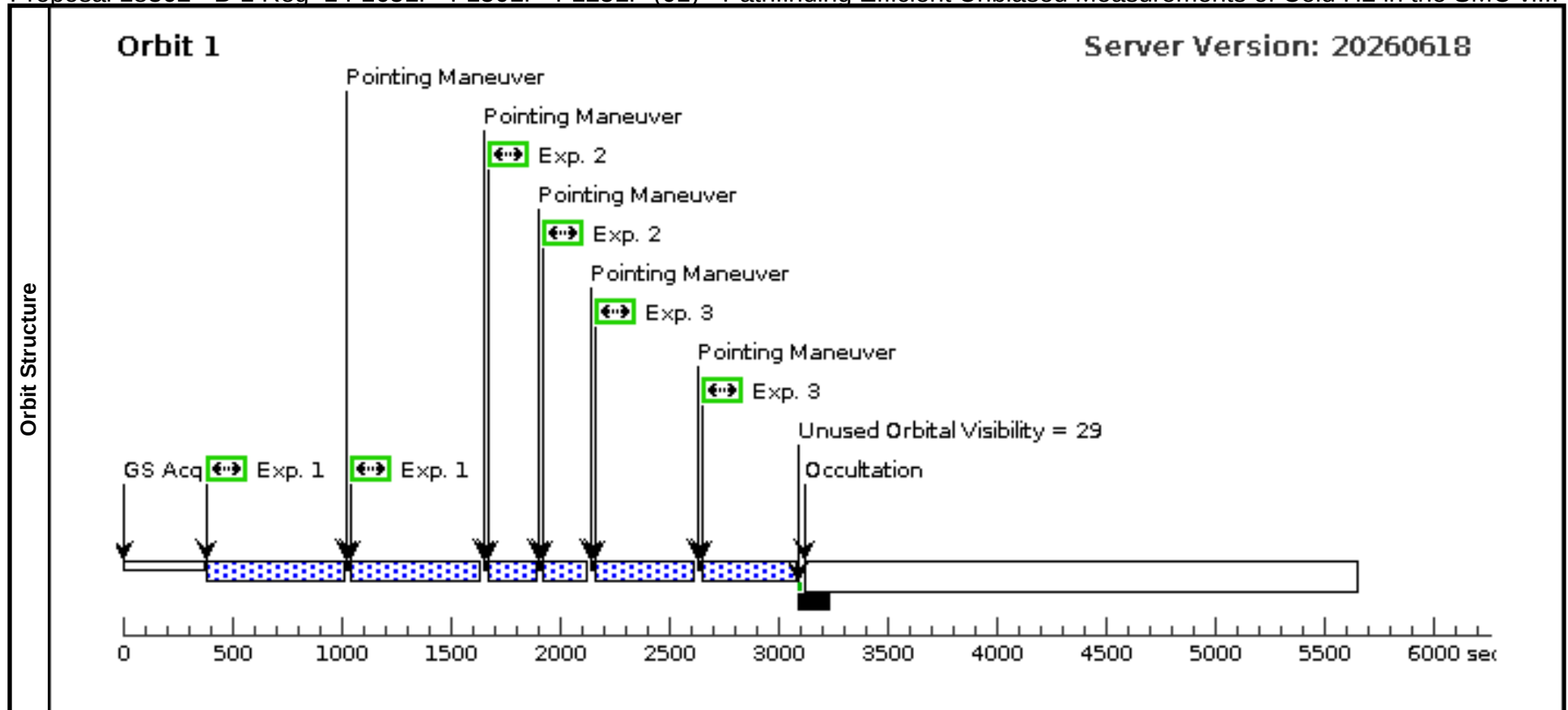
There is no GALEX coverage for the bulk of the SMC, and DSS/GSC data provides insufficient spectral information. Therefore, for bright object protection, we used the U-SMAC II catalog (Hota et al., 2024). This is an Astrosat/UVIT/F172M (Tandon et al., 2020) FUV catalog of most of the

SMC, including the entire vicinity of our target regions. Assuming a "worst-case scenario" unattenuated O5V spectrum, the SBC screening limit of 50 count/sec/pix in the F125LP filter (our highest-throughput filter) corresponds to UVOT/F172M mag_AB of 17.5. An example of the ETC calculation showing this can be found at ETC Request ID: ACS.im.2366257. No sources with UVIT/F172M mag_AB brighter than 17.5 lie within the 70 arcsecond diameter BOP screening circles centred on each of our target positions. The U-SMAC II catalog can be downloaded from Vizier: <http://cdsarc.u-strasbg.fr/viz-bin/qcat?J/AJ/168/255>. We are happy to provide additional details of our this BOP analysis, as needed.

Our observations target a number of fields towards two molecular cloud regions in the SMC, N13 and B-1, with 12 and 8 SBC fields respectively. Each SBC field will be observed in F125LP, F140LP, F150LP, and F1650LP. The F165LP, F150LP, and F125LP observations for each field will be done together in one 1-orbit visit (with the filters arranged so that those most susceptible to temperature-induced dark current are observed first, when the instrument will be cooler). The F140LP observations are then done using visits that observe 4 fields in 1 orbit. Our fields are arranged to providing our desired tiling regardless of orient.

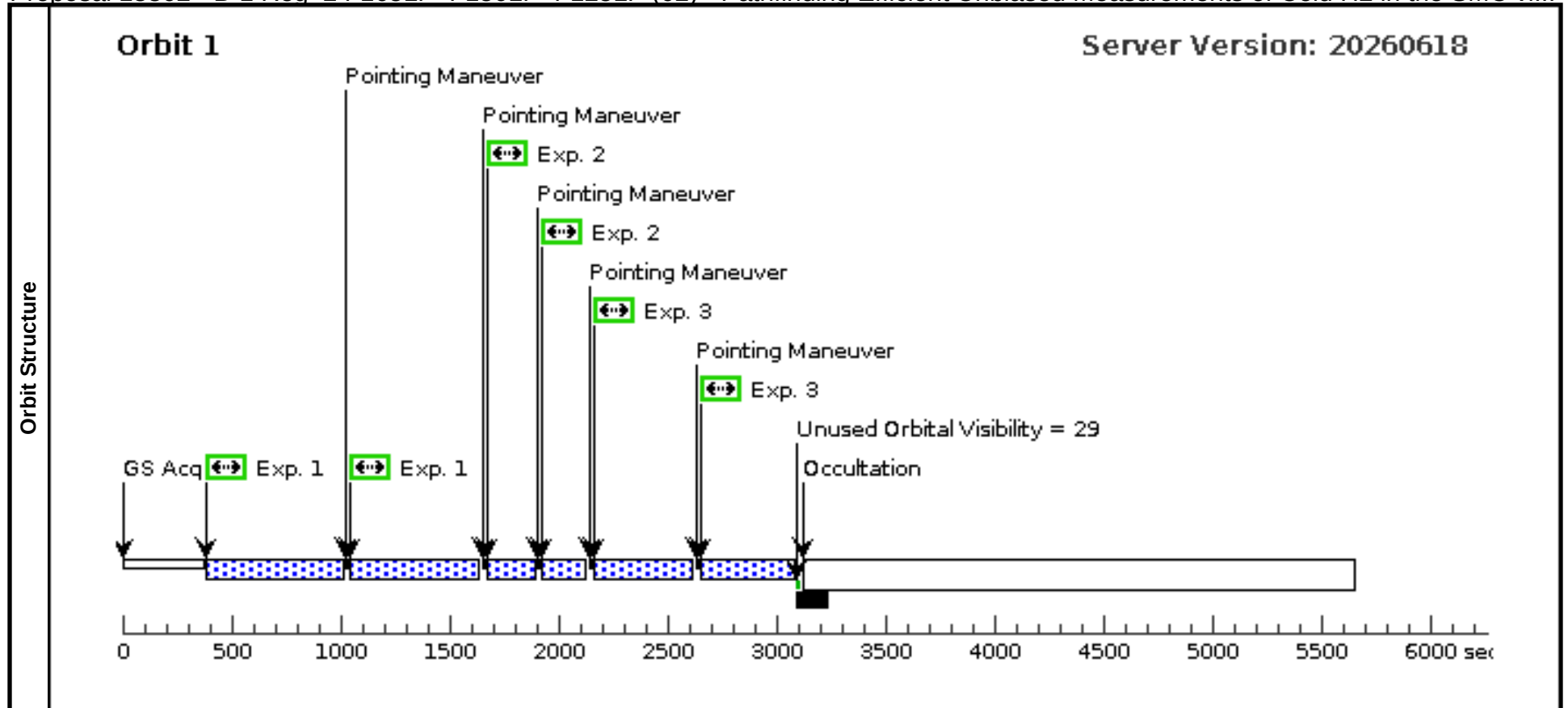
Proposal 18362 - B-1 Reg 1 F165LP F150LP F125LP (01) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, B-1 Reg_1 F165LP_F150LP_F125LP (01)										Wed Aug 19 14:00:41 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	B-1-REG1		RA: 00 45 27.0480 (11.3627000d) Dec: -73 17 29.04 (-73.29140d) Equinox: J2000				V=16		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[DUST LANE]												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(3) B-1-REG1	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n B-1 Reg_1 F165LP _F150LP_F125LP (0 1) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]	
	2	(ACS.im.23 08973)	(3) B-1-REG1	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n B-1 Reg_1 F165LP _F150LP_F125LP (0 1) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]	
	3	(ACS.im.23 08945)	(3) B-1-REG1	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n B-1 Reg_1 F165LP _F150LP_F125LP (0 1) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]	



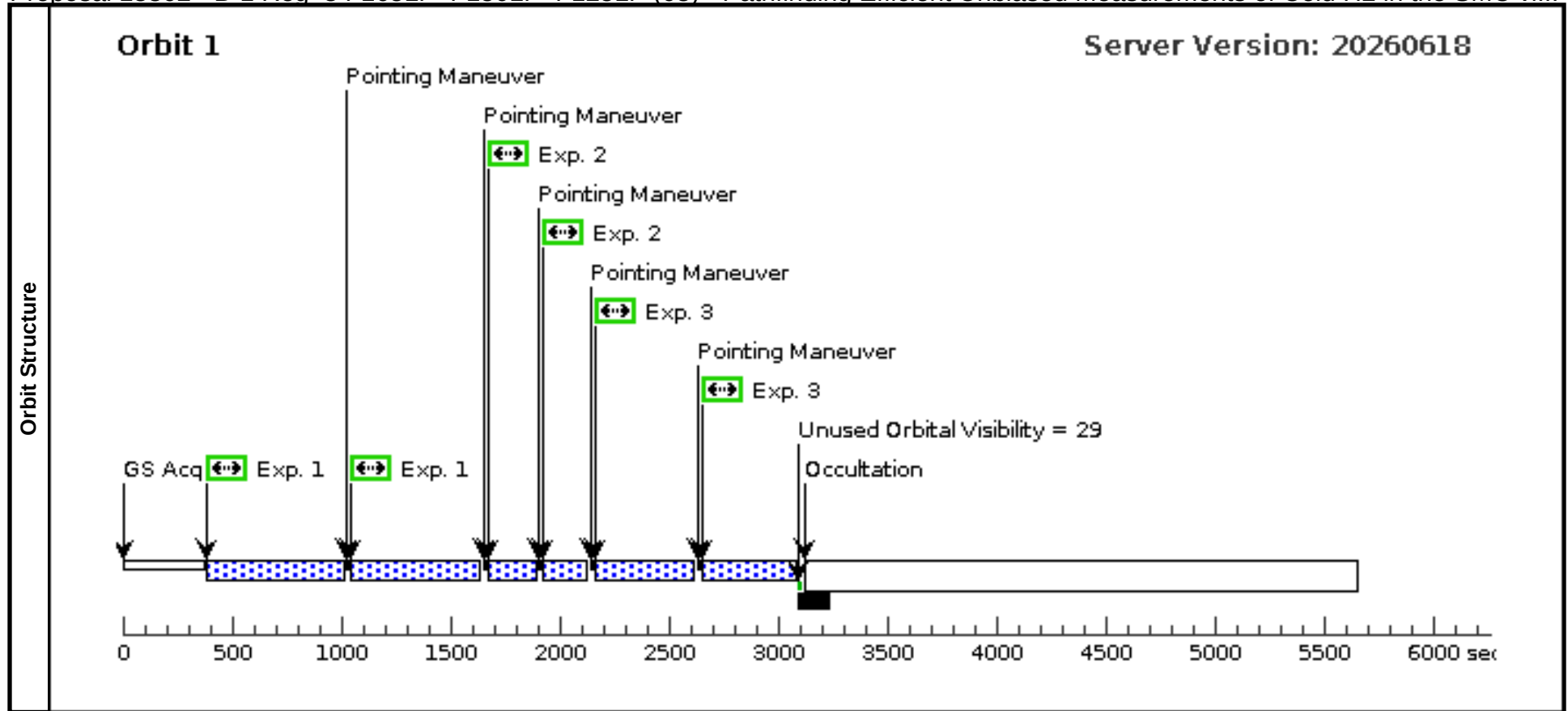
Proposal 18362 - B-1 Reg 2 F165LP F150LP F125LP (02) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, B-1 Reg_2 F165LP_F150LP_F125LP (02)										Wed Aug 19 14:00:41 GMT 2026		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: ACS/SBC												
	Special Requirements: (none)												
Patterns	#	Primary Pattern				Secondary Pattern				Exposures			
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(4)	B-1-REG2	RA: 00 45 24.0240 (11.3501000d) Dec: -73 17 51.72 (-73.29770d) Equinox: J2000				V=16		Reference Frame: ICRS				
Comments: Category=GALAXY Description=[DUST LANE]													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	(ACS.im.23 08964)	(4) B-1-REG2	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n B-1 Reg_2 F165LP _F150LP_F125LP (0 2) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]			
											[1]		
	2	(ACS.im.23 08973)	(4) B-1-REG2	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n B-1 Reg_2 F165LP _F150LP_F125LP (0 2) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]			
											[1]		
	3	(ACS.im.23 08945)	(4) B-1-REG2	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n B-1 Reg_2 F165LP _F150LP_F125LP (0 2) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]			
											[1]		



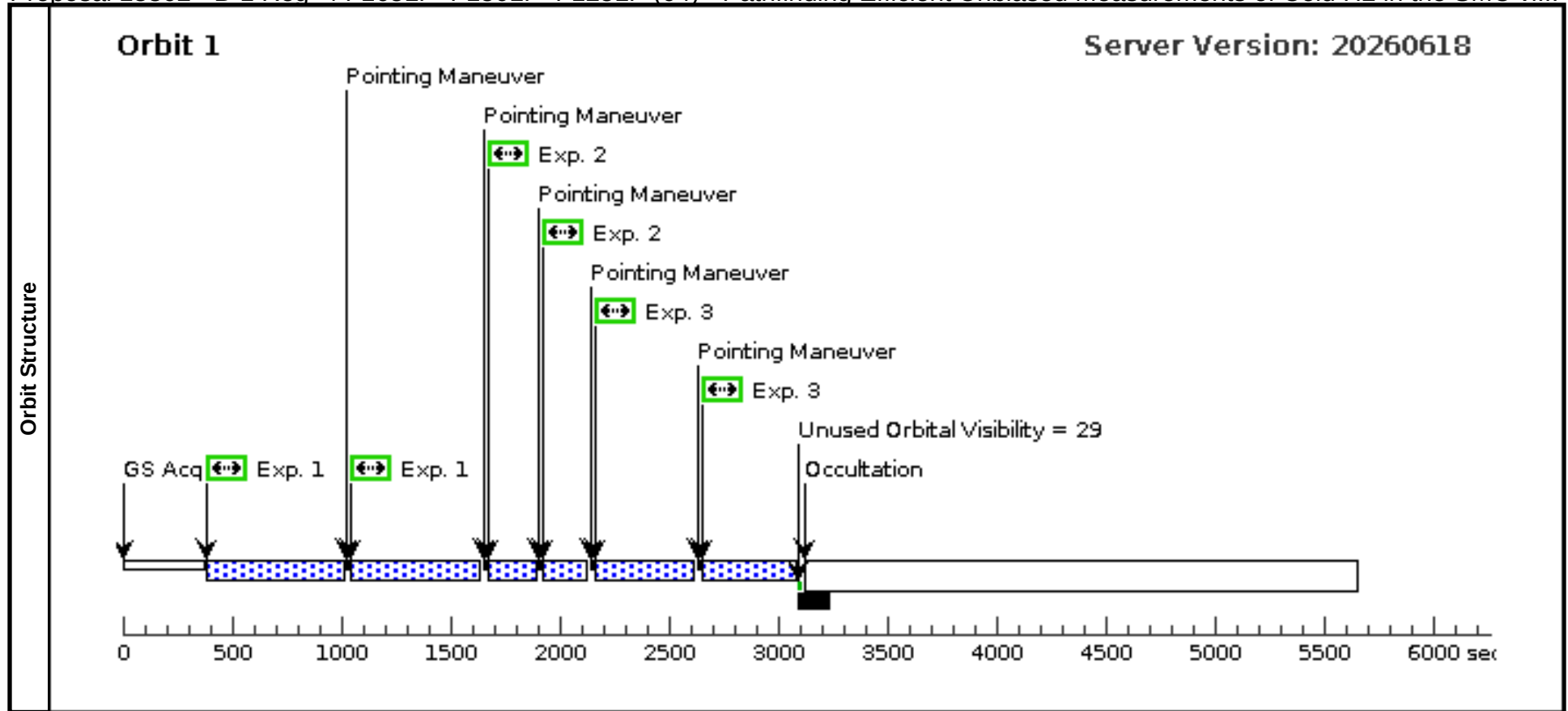
Proposal 18362 - B-1 Reg 3 F165LP F150LP F125LP (03) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, B-1 Reg_3 F165LP_F150LP_F125LP (03)										Wed Aug 19 14:00:42 GMT 2026	
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	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	B-1-REG3		RA: 00 45 21.0000 (11.3375000d) Dec: -73 18 14.04 (-73.30390d) Equinox: J2000				V=16		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DUST LANE]											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(5) B-1-REG3	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 in B-1 Reg_3 F165LP_F150LP_F125LP (0 3) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	
	2	(ACS.im.23 08973)	(5) B-1-REG3	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 in B-1 Reg_3 F165LP_F150LP_F125LP (0 3) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	
	3	(ACS.im.23 08945)	(5) B-1-REG3	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 in B-1 Reg_3 F165LP_F150LP_F125LP (0 3) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
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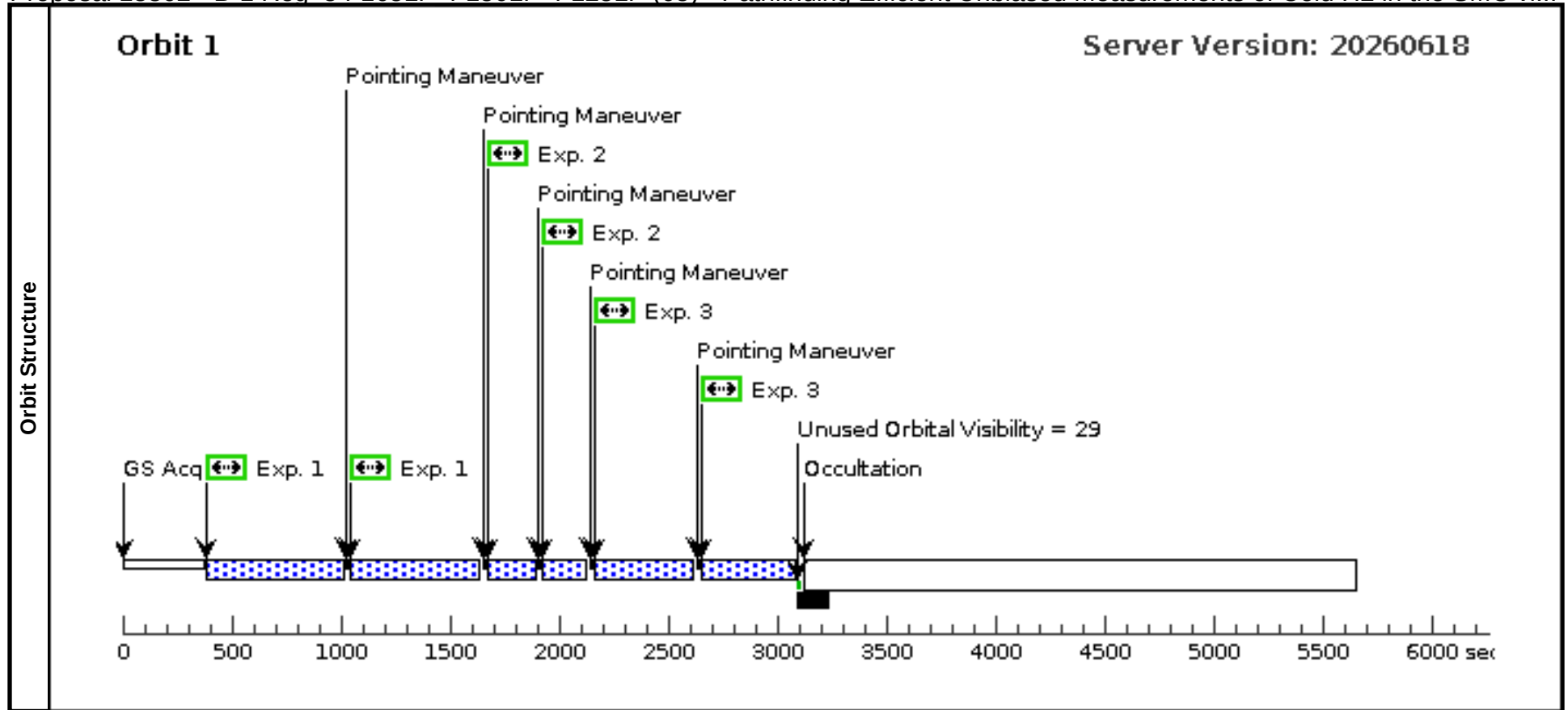
Proposal 18362 - B-1 Reg 4 F165LP F150LP F125LP (04) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, B-1 Reg_4 F165LP_F150LP_F125LP (04)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	B-1-REG4		RA: 00 45 24.0240 (11.3501000d) Dec: -73 18 36.72 (-73.31020d) Equinox: J2000				V=16		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DUST LANE]											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(6) B-1-REG4	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 in B-1 Reg_4 F165LP_F150LP_F125LP (0 4) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	
	2	(ACS.im.23 08973)	(6) B-1-REG4	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 in B-1 Reg_4 F165LP_F150LP_F125LP (0 4) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	
	3	(ACS.im.23 08945)	(6) B-1-REG4	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 in B-1 Reg_4 F165LP_F150LP_F125LP (0 4) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
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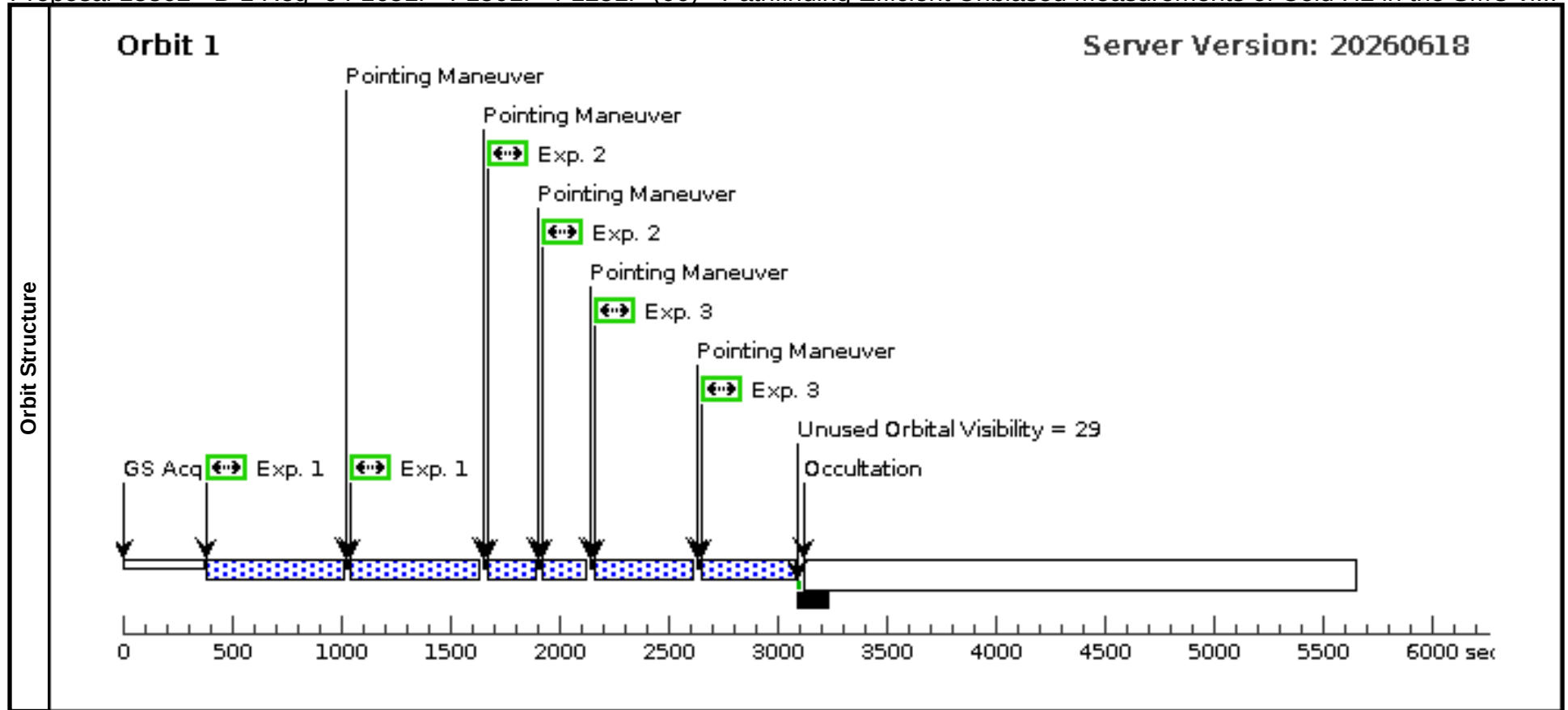
Proposal 18362 - B-1 Reg 5 F165LP F150LP F125LP (05) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, B-1 Reg_5 F165LP_F150LP_F125LP (05)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	B-1-REG5		RA: 00 45 21.0000 (11.3375000d) Dec: -73 18 59.04 (-73.31640d) Equinox: J2000				V=16		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DUST LANE]											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(7) B-1-REG5	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 in B-1 Reg_5 F165LP_F150LP_F125LP (0 5) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	(ACS.im.23 08973)	(7) B-1-REG5	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 in B-1 Reg_5 F165LP_F150LP_F125LP (0 5) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	3	(ACS.im.23 08945)	(7) B-1-REG5	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 in B-1 Reg_5 F165LP_F150LP_F125LP (0 5) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]



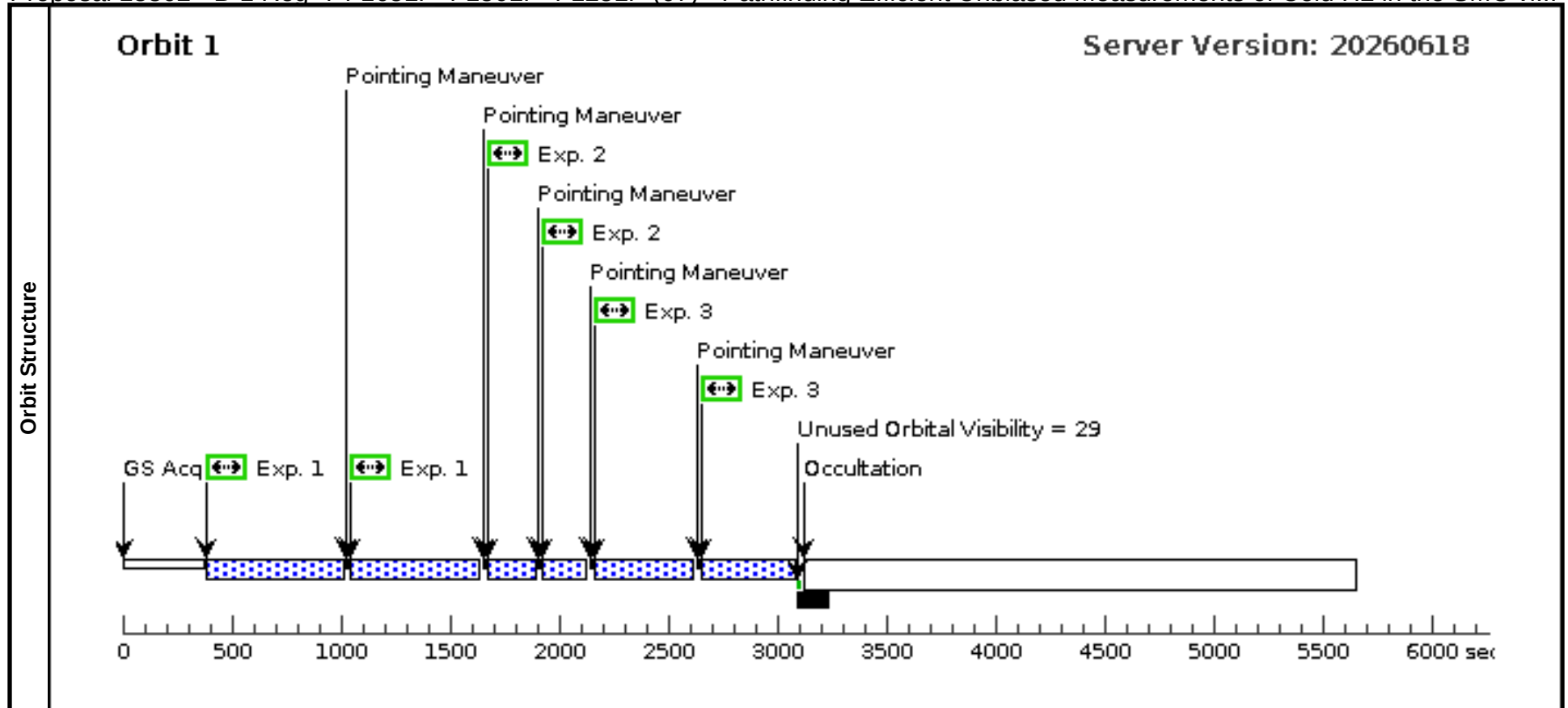
Proposal 18362 - B-1 Reg 6 F165LP F150LP F125LP (06) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, B-1 Reg_6 F165LP_F150LP_F125LP (06)										Wed Aug 19 14:00:42 GMT 2026	
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	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
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Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(8)	B-1-REG6		RA: 00 45 27.0480 (11.3627000d) Dec: -73 18 14.04 (-73.30390d) Equinox: J2000				V=16		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DUST LANE]											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(8) B-1-REG6	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n B-1 Reg_6 F165LP _F150LP_F125LP (0 6) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	
	2	(ACS.im.23 08973)	(8) B-1-REG6	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n B-1 Reg_6 F165LP _F150LP_F125LP (0 6) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	
	3	(ACS.im.23 08945)	(8) B-1-REG6	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n B-1 Reg_6 F165LP _F150LP_F125LP (0 6) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	



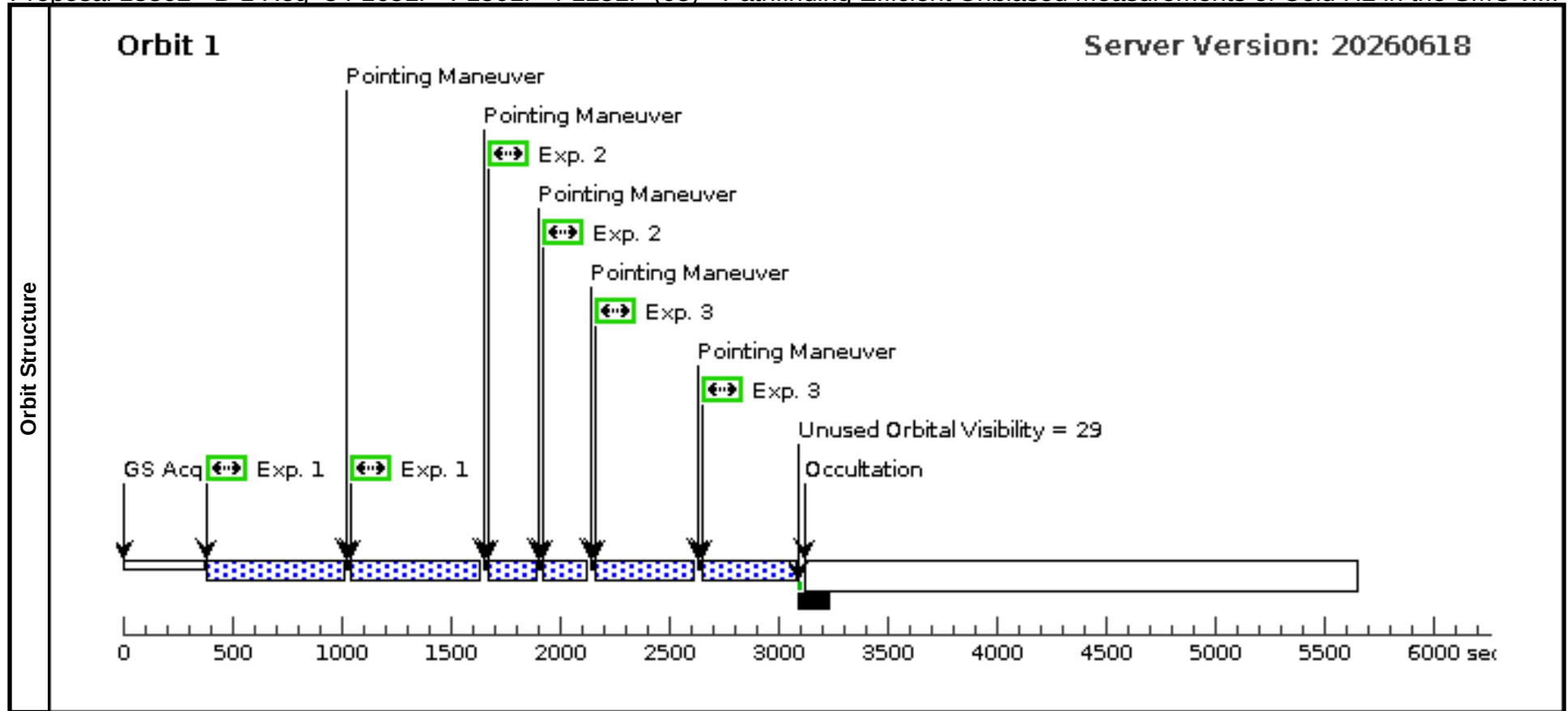
Proposal 18362 - B-1 Reg 7 F165LP F150LP F125LP (07) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, B-1 Reg_7 F165LP_F150LP_F125LP (07)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	B-1-REG7		RA: 00 45 24.7978 (11.3533242d) Dec: -73 18 58.27 (-73.31619d) Equinox: J2000				V=16		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DUST LANE]											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(9) B-1-REG7	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 in B-1 Reg_7 F165LP_F150LP_F125LP (07) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]	
	2	(ACS.im.23 08973)	(9) B-1-REG7	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 in B-1 Reg_7 F165LP_F150LP_F125LP (07) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]	
	3	(ACS.im.23 08945)	(9) B-1-REG7	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 in B-1 Reg_7 F165LP_F150LP_F125LP (07) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]	



Proposal 18362 - B-1 Reg 8 F165LP F150LP F125LP (08) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, B-1 Reg_8 F165LP_F150LP_F125LP (08)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(10)	B-1-REG8		RA: 00 45 24.0240 (11.3501000d) Dec: -73 19 21.72 (-73.32270d) Equinox: J2000				V=16		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DUST LANE]											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(10) B-1-REG8	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 in B-1 Reg_8 F165LP_F150LP_F125LP (08) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	
	2	(ACS.im.23 08973)	(10) B-1-REG8	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 in B-1 Reg_8 F165LP_F150LP_F125LP (08) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	
	3	(ACS.im.23 08945)	(10) B-1-REG8	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 in B-1 Reg_8 F165LP_F150LP_F125LP (08) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	

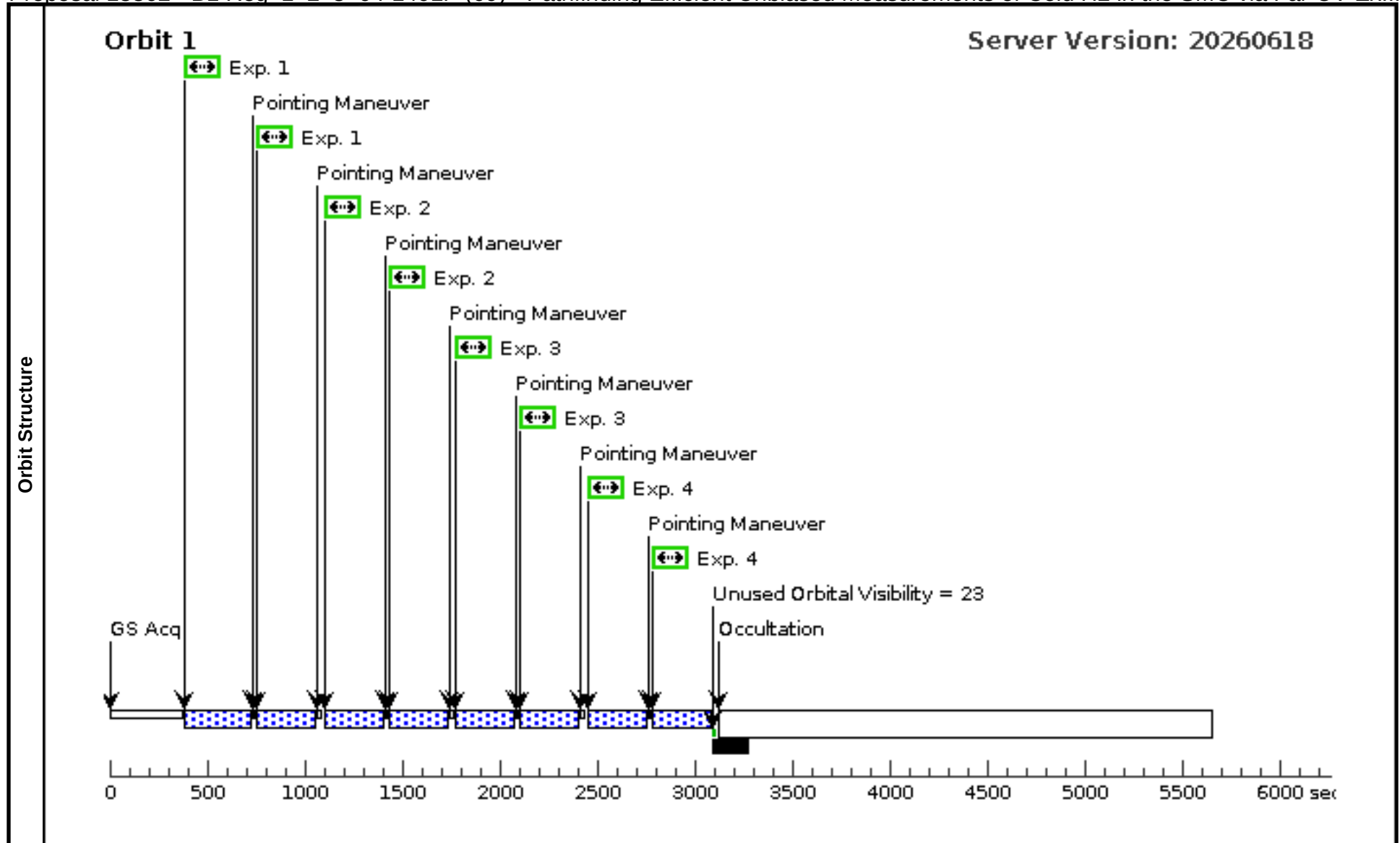


Proposal 18362 - B1 Reg 1 2 3 6 F140LP (09) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC via Far-UV Ex...

Visit	Proposal 18362, B1 Reg_1_2_3_6 F140LP (09) Wed Aug 19 14:00:42 GMT 2026				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-SBC-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false	(1), (2), (3), (4)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	B-1-REG1	RA: 00 45 27.0480 (11.3627000d) Dec: -73 17 29.04 (-73.29140d) Equinox: J2000		V=16
		Comments: Category=GALAXY Description=[DUST LANE]			
	(4)	B-1-REG2	RA: 00 45 24.0240 (11.3501000d) Dec: -73 17 51.72 (-73.29770d) Equinox: J2000		V=16
		Comments: Category=GALAXY Description=[DUST LANE]			
	(5)	B-1-REG3	RA: 00 45 21.0000 (11.3375000d) Dec: -73 18 14.04 (-73.30390d) Equinox: J2000		V=16
		Comments: Category=GALAXY Description=[DUST LANE]			
	(8)	B-1-REG6	RA: 00 45 27.0480 (11.3627000d) Dec: -73 18 14.04 (-73.30390d) Equinox: J2000		V=16
		Comments: Category=GALAXY Description=[DUST LANE]			
		Reference Frame: ICRS			

Proposal 18362 - B1 Reg 1 2 3 6 F140LP (09) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC via Far-UV Ex...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08996)	(3) B-1-REG1	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 1-1 i n B1 Reg_1_2_3_6 F 140LP (09) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	2	(ACS.im.23 08996)	(4) B-1-REG2	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 2-2 i n B1 Reg_1_2_3_6 F 140LP (09) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	3	(ACS.im.23 08996)	(5) B-1-REG3	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 3-3 i n B1 Reg_1_2_3_6 F 140LP (09) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	4	(ACS.im.23 08996)	(8) B-1-REG6	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 4-4 i n B1 Reg_1_2_3_6 F 140LP (09) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		

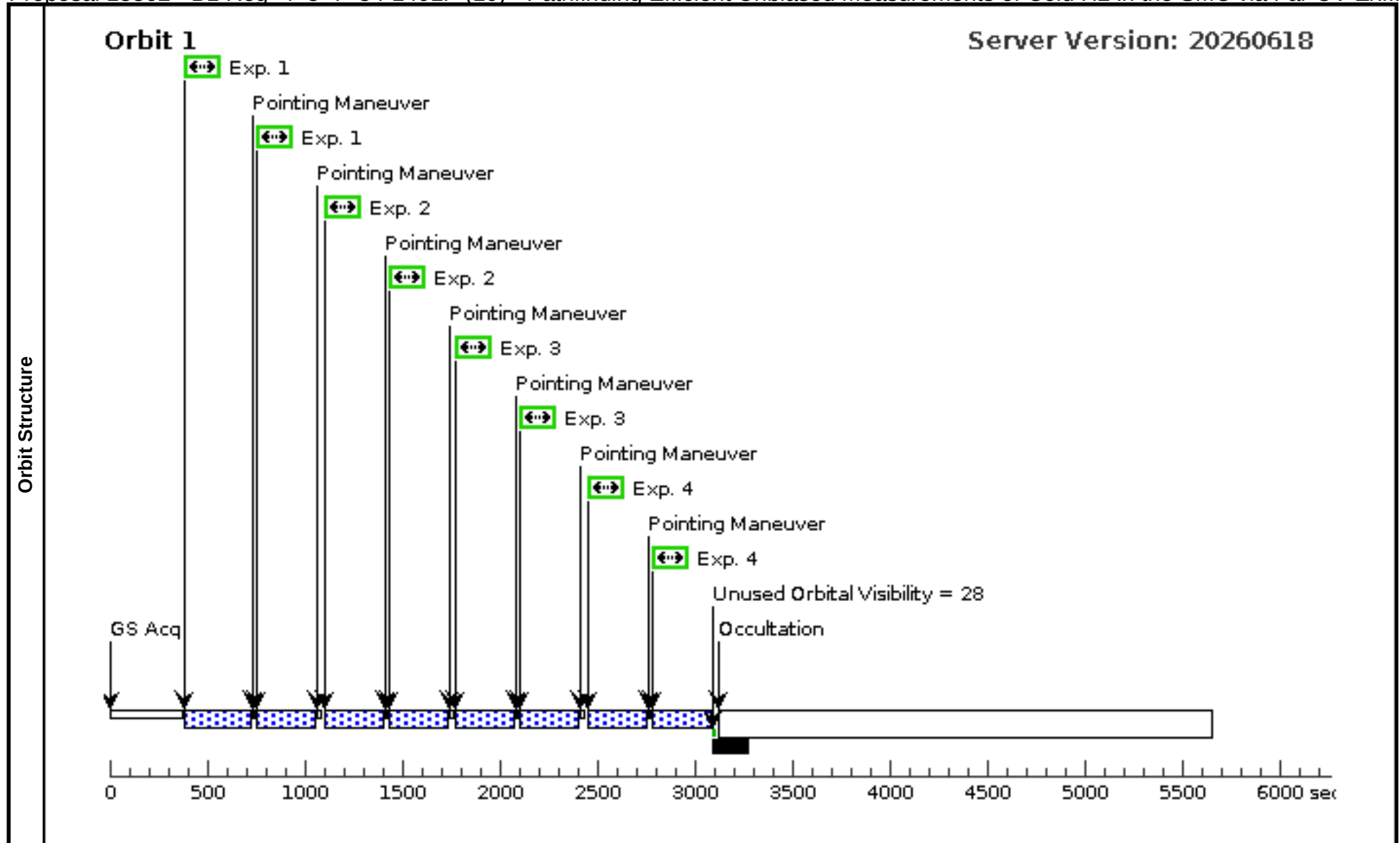


Proposal 18362 - B1 Reg 4 5 7 8 F140LP (10) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC via Far-UV Ex...

Visit	Proposal 18362, B1 Reg_4_5_7_8 F140LP (10) Wed Aug 19 14:00:42 GMT 2026				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)				
Patterns	#	Primary Pattern	Secondary Pattern		Exposures
	(1)	Pattern Type=ACS-SBC-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false		(1), (2), (3), (4)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	B-1-REG4	RA: 00 45 24.0240 (11.3501000d) Dec: -73 18 36.72 (-73.31020d) Equinox: J2000		V=16
		Comments: Category=GALAXY Description=[DUST LANE]			
	(7)	B-1-REG5	RA: 00 45 21.0000 (11.3375000d) Dec: -73 18 59.04 (-73.31640d) Equinox: J2000		V=16
		Comments: Category=GALAXY Description=[DUST LANE]			
	(9)	B-1-REG7	RA: 00 45 24.7978 (11.3533242d) Dec: -73 18 58.27 (-73.31619d) Equinox: J2000		V=16
		Comments: Category=GALAXY Description=[DUST LANE]			
	(10)	B-1-REG8	RA: 00 45 24.0240 (11.3501000d) Dec: -73 19 21.72 (-73.32270d) Equinox: J2000		V=16
		Comments: Category=GALAXY Description=[DUST LANE]			
		Reference Frame: ICRS			

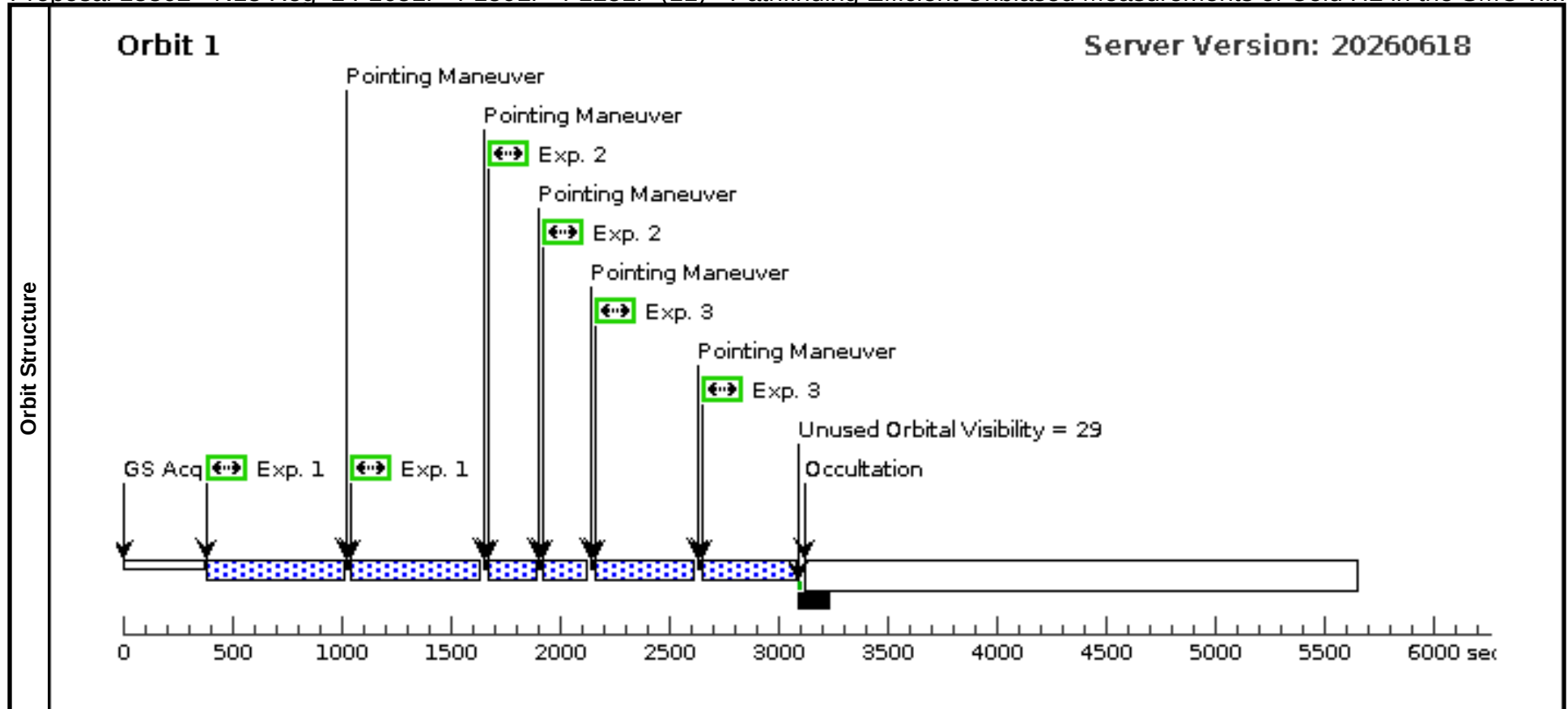
Proposal 18362 - B1 Reg 4 5 7 8 F140LP (10) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC via Far-UV Ex...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(ACS.im.23 08996)	(6) B-1-REG4	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 1-1 i n B1 Reg_4_5_7_8 F 140LP (10) (1)	270 Secs (540 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	
	2	(ACS.im.23 08996)	(7) B-1-REG5	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 2-2 i n B1 Reg_4_5_7_8 F 140LP (10) (1)	270 Secs (540 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(ACS.im.23 08996)	(9) B-1-REG7	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 3-3 i n B1 Reg_4_5_7_8 F 140LP (10) (1)	270 Secs (540 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(ACS.im.23 08996)	(10) B-1-REG8	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 4-4 i n B1 Reg_4_5_7_8 F 140LP (10) (1)	270 Secs (540 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



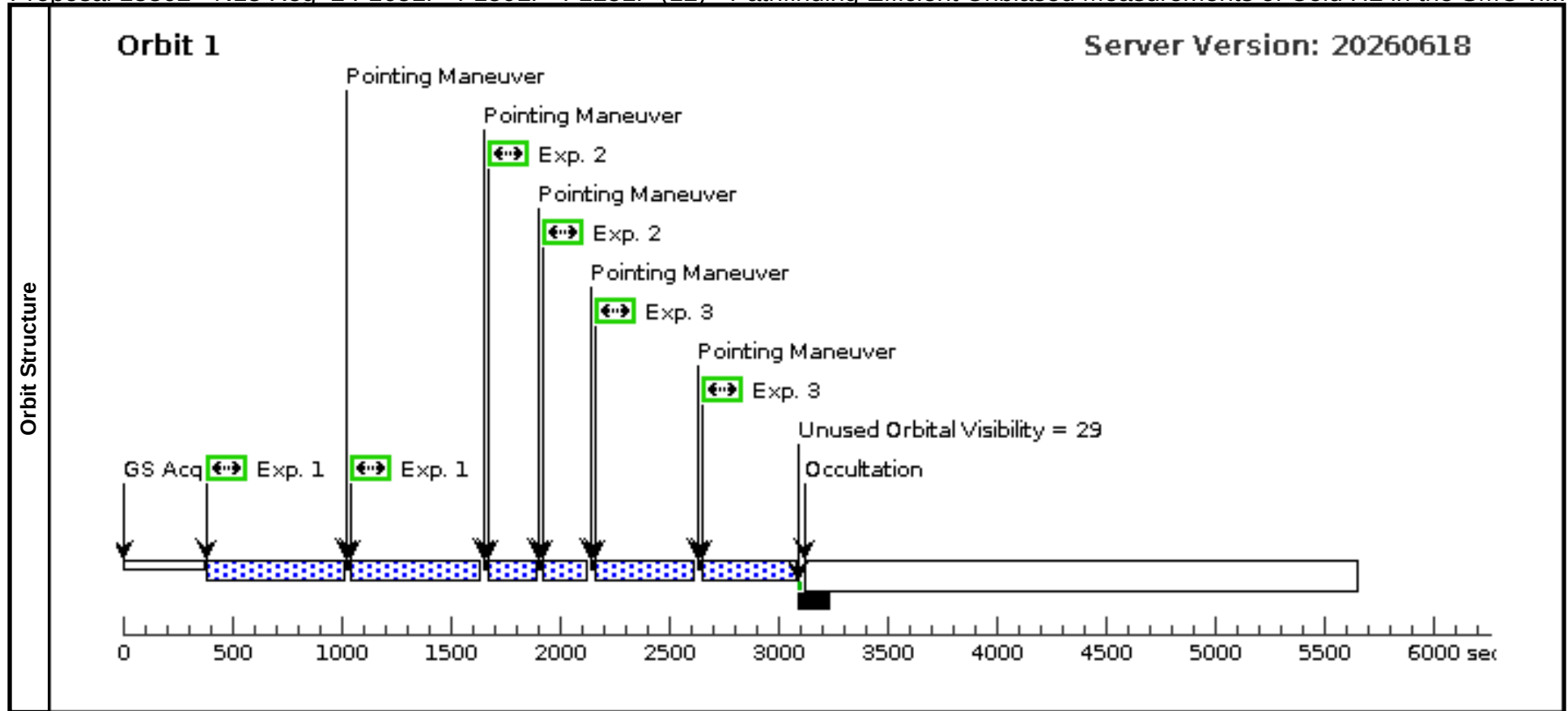
Proposal 18362 - N13 Reg 1 F165LP F150LP F125LP (11) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, N13 Reg_1 F165LP_F150LP_F125LP (11)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(11)	N13-REG1		RA: 00 45 40.7599 (11.4198329d) Dec: -73 21 17.22 (-73.35478d) Equinox: J2000				V=16		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[DUST LANE]												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(11) N13-REG1	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n N13 Reg_1 F165L P_F150LP_F125LP (11) (1)	565 Secs (1130 Secs)		
									[>=>(Pattern 1)] [>=>(Pattern 2)]		[1]	
	2	(ACS.im.23 08973)	(11) N13-REG1	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n N13 Reg_1 F165L P_F150LP_F125LP (11) (1)	175 Secs (350 Secs)		
									[>=>(Pattern 1)] [>=>(Pattern 2)]		[1]	
	3	(ACS.im.23 08945)	(11) N13-REG1	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n N13 Reg_1 F165L P_F150LP_F125LP (11) (1)	400 Secs (800 Secs)		
									[>=>(Pattern 1)] [>=>(Pattern 2)]		[1]	



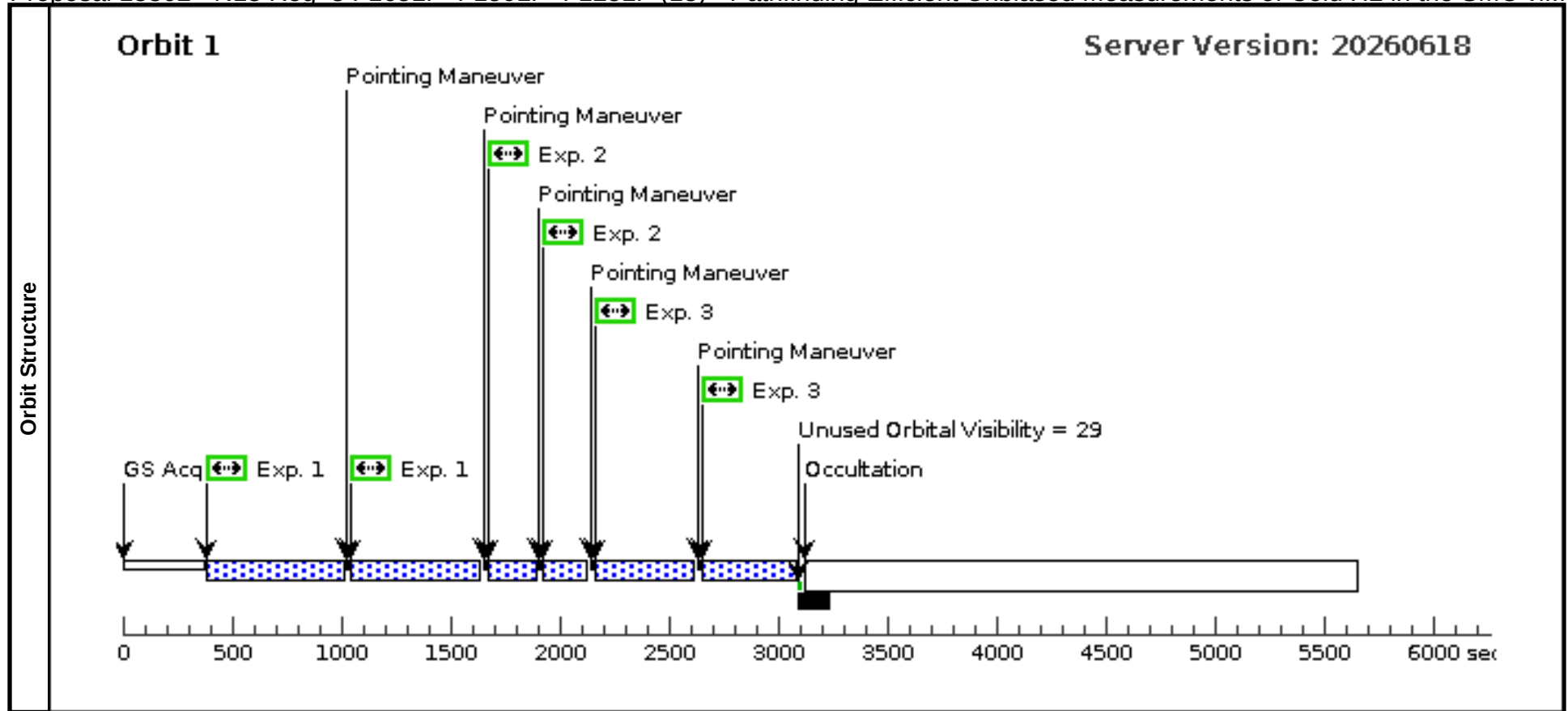
Proposal 18362 - N13 Reg 2 F165LP F150LP F125LP (12) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, N13 Reg_2 F165LP_F150LP_F125LP (12)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(12)	N13-REG2		RA: 00 45 36.4098 (11.4017075d) Dec: -73 21 37.74 (-73.36048d) Equinox: J2000				V=16		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[DUST LANE]												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(12) N13-REG2	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n N13 Reg_2 F165L P_F150LP_F125LP (12) (1)	565 Secs (1130 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]			[1]
	2	(ACS.im.23 08973)	(12) N13-REG2	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n N13 Reg_2 F165L P_F150LP_F125LP (12) (1)	175 Secs (350 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]			[1]
	3	(ACS.im.23 08945)	(12) N13-REG2	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n N13 Reg_2 F165L P_F150LP_F125LP (12) (1)	400 Secs (800 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]			[1]



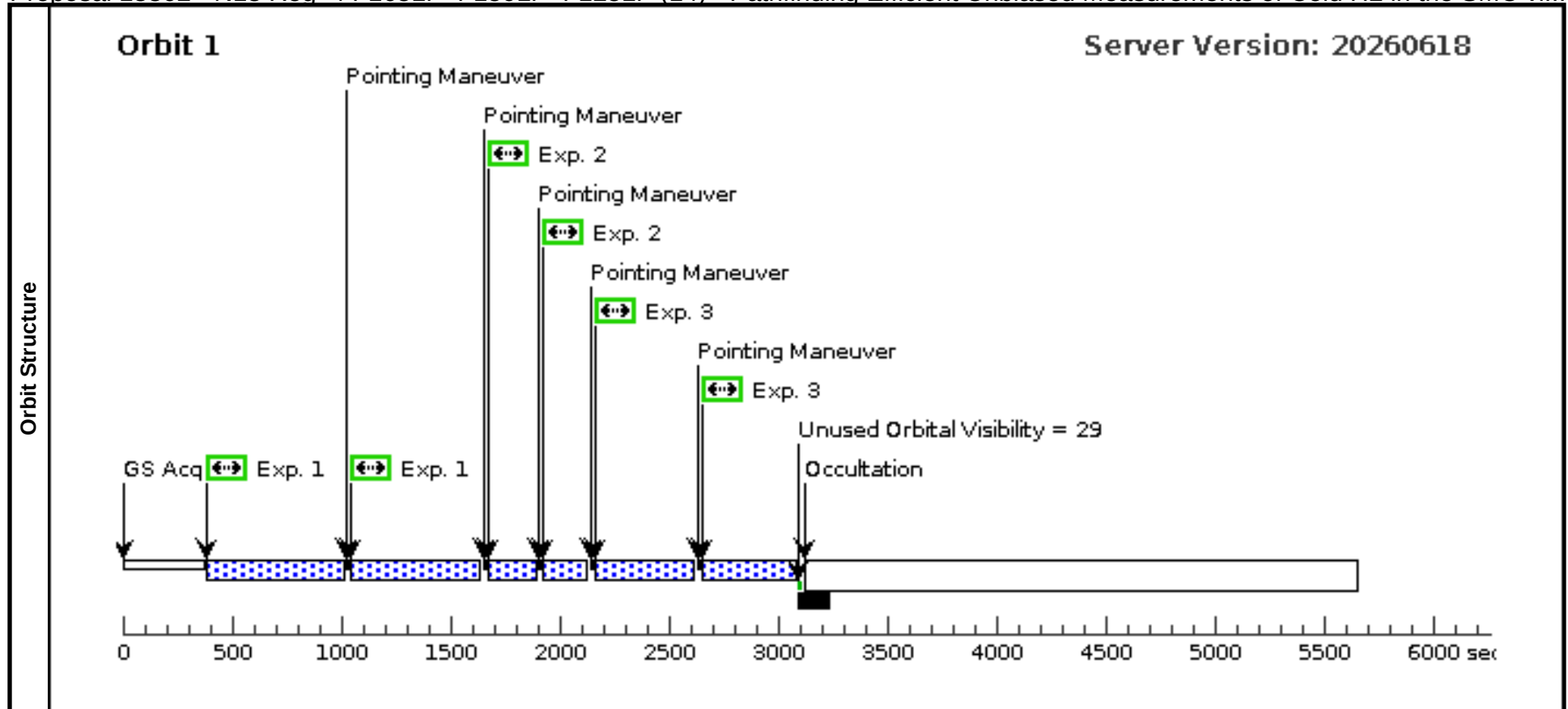
Proposal 18362 - N13 Reg 3 F165LP F150LP F125LP (13) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, N13 Reg_3 F165LP_F150LP_F125LP (13)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(13)	N13-REG3		RA: 00 45 37.5673 (11.4065304d) Dec: -73 22 0.67 (-73.36685d) Equinox: J2000				V=16		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[DUST LANE]												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(13) N13-REG3	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n N13 Reg_3 F165L P_F150LP_F125LP (13) (1)	565 Secs (1130 Secs)		
									[>=>(Pattern 1)] [>=>(Pattern 2)]		[1]	
	2	(ACS.im.23 08973)	(13) N13-REG3	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n N13 Reg_3 F165L P_F150LP_F125LP (13) (1)	175 Secs (350 Secs)		
									[>=>(Pattern 1)] [>=>(Pattern 2)]		[1]	
	3	(ACS.im.23 08945)	(13) N13-REG3	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n N13 Reg_3 F165L P_F150LP_F125LP (13) (1)	400 Secs (800 Secs)		
									[>=>(Pattern 1)] [>=>(Pattern 2)]		[1]	



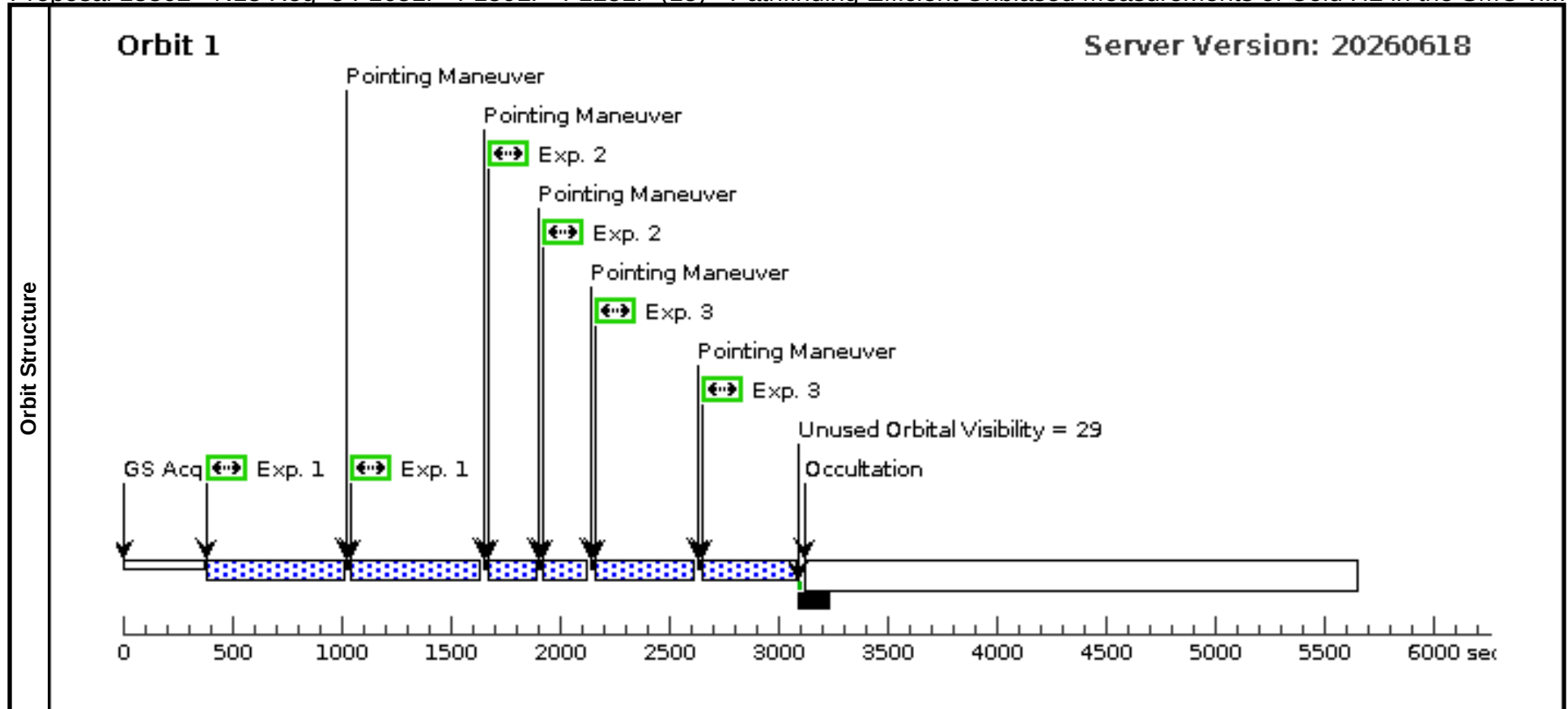
Proposal 18362 - N13 Reg 4 F165LP F150LP F125LP (14) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, N13 Reg_4 F165LP_F150LP_F125LP (14)										Wed Aug 19 14:00:42 GMT 2026		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: ACS/SBC												
	Special Requirements: (none)												
Patterns	#	Primary Pattern				Secondary Pattern				Exposures			
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)			
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(14)	N13-REG4		RA: 00 45 32.3555 (11.3848146d) Dec: -73 22 13.62 (-73.37045d) Equinox: J2000				V=16		Reference Frame: ICRS			
Comments: Category=GALAXY Description=[DUST LANE]													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	(ACS.im.23 08964)	(14) N13-REG4	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n N13 Reg_4 F165L P_F150LP_F125LP (14) (1)	565 Secs (1130 Secs)			
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]		
	2	(ACS.im.23 08973)	(14) N13-REG4	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n N13 Reg_4 F165L P_F150LP_F125LP (14) (1)	175 Secs (350 Secs)			
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]		
	3	(ACS.im.23 08945)	(14) N13-REG4	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n N13 Reg_4 F165L P_F150LP_F125LP (14) (1)	400 Secs (800 Secs)			
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]		



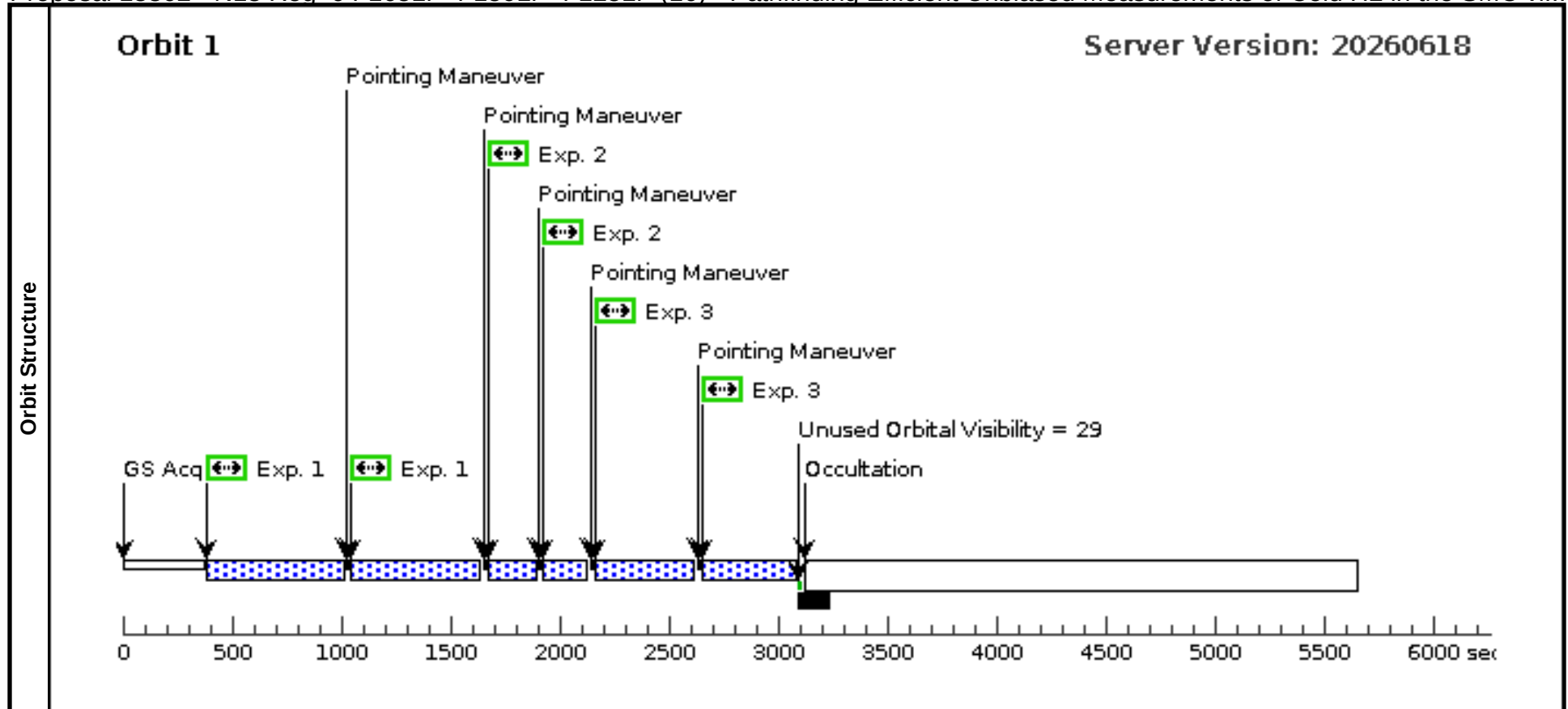
Proposal 18362 - N13 Reg 5 F165LP F150LP F125LP (15) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, N13 Reg_5 F165LP_F150LP_F125LP (15)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(15)	N13-REG5		RA: 00 45 38.1600 (11.4090000d) Dec: -73 22 24.24 (-73.37340d) Equinox: J2000				V=16		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[DUST LANE]												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(15) N13-REG5	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n N13 Reg_5 F165L P_F150LP_F125LP (15) (1)	565 Secs (1130 Secs)		
									[>=>(Pattern 1)] [>=>(Pattern 2)]		[1]	
	2	(ACS.im.23 08973)	(15) N13-REG5	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n N13 Reg_5 F165L P_F150LP_F125LP (15) (1)	175 Secs (350 Secs)		
									[>=>(Pattern 1)] [>=>(Pattern 2)]		[1]	
	3	(ACS.im.23 08945)	(15) N13-REG5	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n N13 Reg_5 F165L P_F150LP_F125LP (15) (1)	400 Secs (800 Secs)		
									[>=>(Pattern 1)] [>=>(Pattern 2)]		[1]	



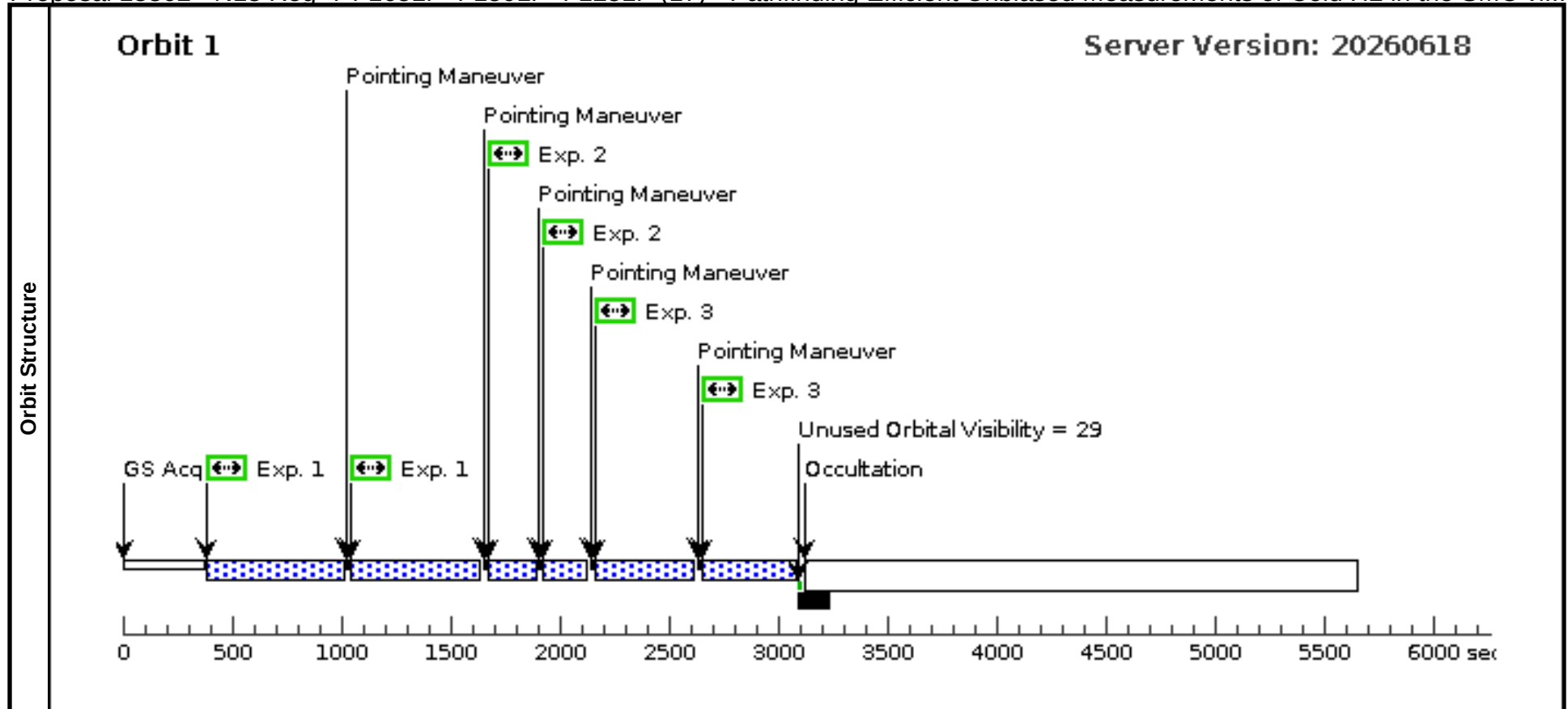
Proposal 18362 - N13 Reg 6 F165LP F150LP F125LP (16) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, N13 Reg_6 F165LP_F150LP_F125LP (16)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(16)	N13-REG6		RA: 00 45 44.1879 (11.4341162d) Dec: -73 22 25.48 (-73.37374d) Equinox: J2000				V=16		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[DUST LANE]												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(16) N13-REG6	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n N13 Reg_6 F165L P_F150LP_F125LP (16) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	(ACS.im.23 08973)	(16) N13-REG6	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n N13 Reg_6 F165L P_F150LP_F125LP (16) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	3	(ACS.im.23 08945)	(16) N13-REG6	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n N13 Reg_6 F165L P_F150LP_F125LP (16) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]



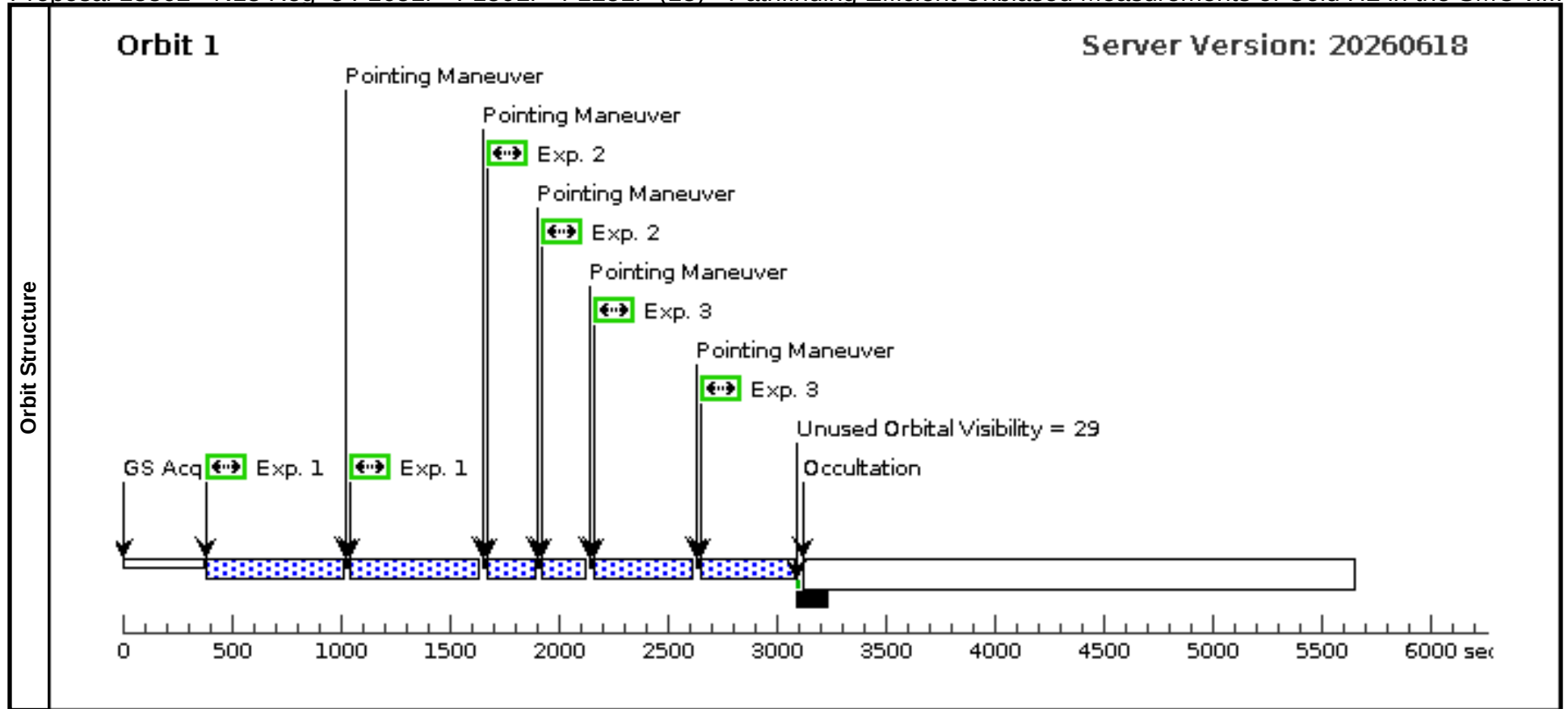
Proposal 18362 - N13 Reg 7 F165LP F150LP F125LP (17) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, N13 Reg_7 F165LP_F150LP_F125LP (17)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(17)	N13-REG7		RA: 00 45 48.9279 (11.4538663d) Dec: -73 22 40.21 (-73.37784d) Equinox: J2000				V=16		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[DUST LANE]												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(17) N13-REG7	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n N13 Reg_7 F165L P_F150LP_F125LP (17) (1)	565 Secs (1130 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
	2	(ACS.im.23 08973)	(17) N13-REG7	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n N13 Reg_7 F165L P_F150LP_F125LP (17) (1)	175 Secs (350 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
	3	(ACS.im.23 08945)	(17) N13-REG7	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n N13 Reg_7 F165L P_F150LP_F125LP (17) (1)	400 Secs (800 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



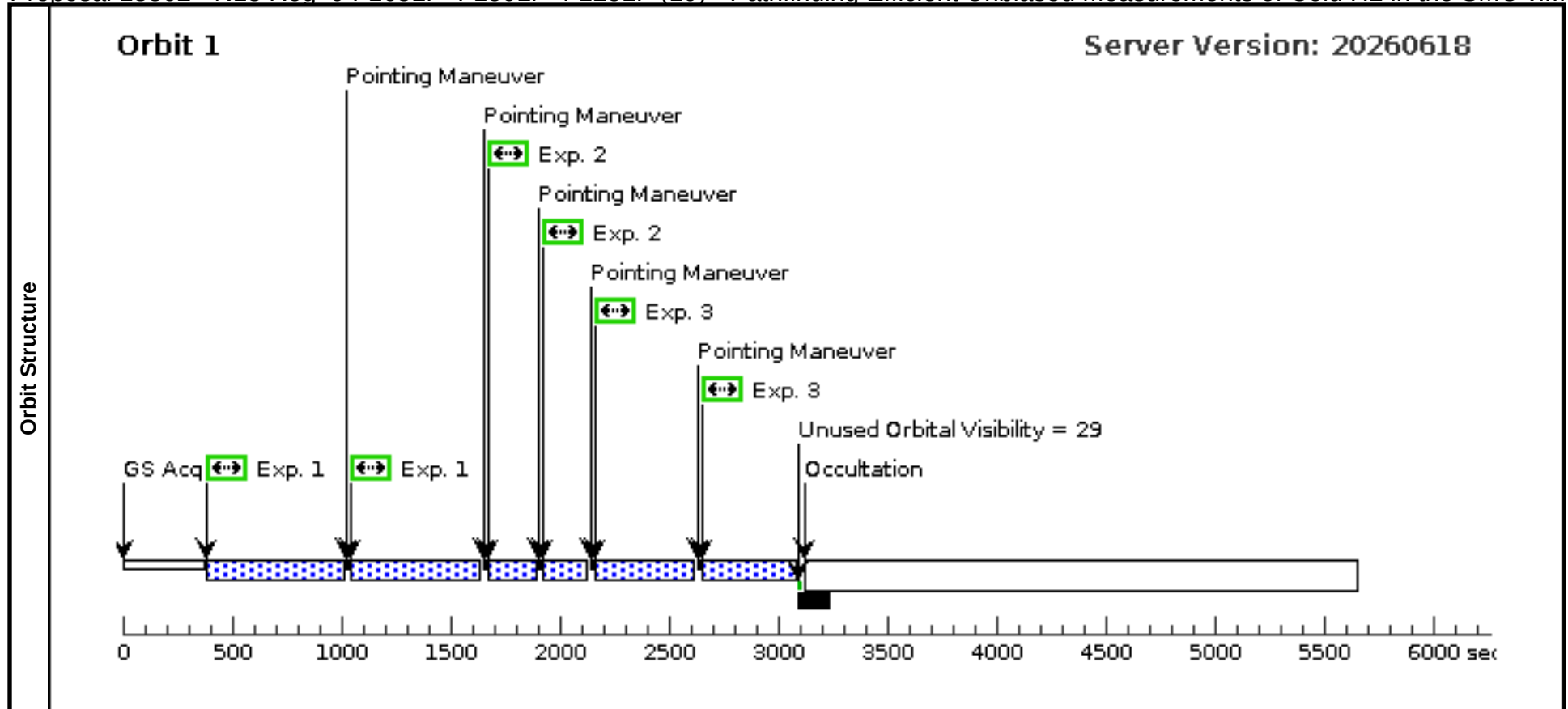
Proposal 18362 - N13 Reg 8 F165LP F150LP F125LP (18) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, N13 Reg_8 F165LP_F150LP_F125LP (18)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(18)	N13-REG8		RA: 00 45 35.0880 (11.3962000d) Dec: -73 22 40.44 (-73.37790d) Equinox: J2000				V=16		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[DUST LANE]												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(18) N13-REG8	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n N13 Reg_8 F165L P_F150LP_F125LP (18) (1)	565 Secs (1130 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
	2	(ACS.im.23 08973)	(18) N13-REG8	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n N13 Reg_8 F165L P_F150LP_F125LP (18) (1)	175 Secs (350 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
	3	(ACS.im.23 08945)	(18) N13-REG8	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n N13 Reg_8 F165L P_F150LP_F125LP (18) (1)	400 Secs (800 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



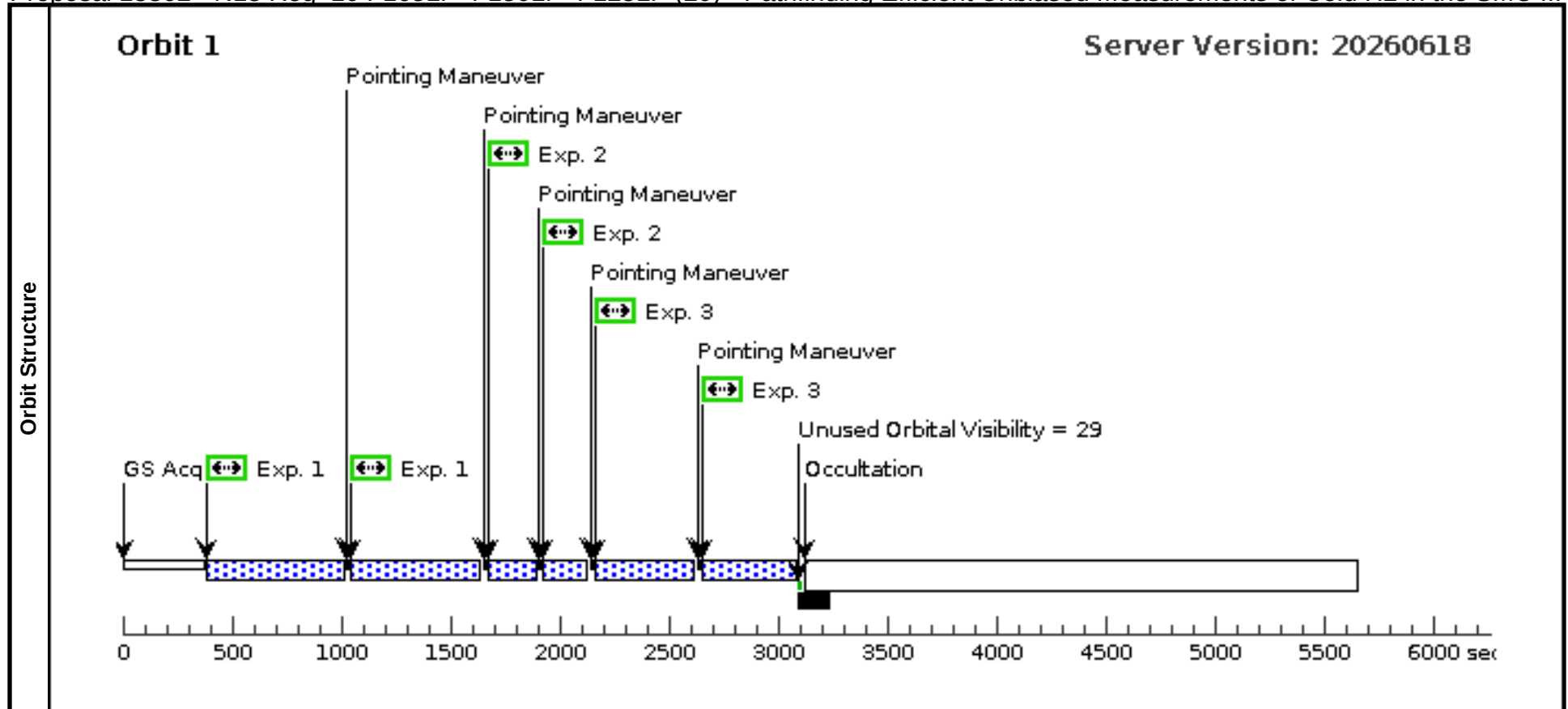
Proposal 18362 - N13 Reg 9 F165LP F150LP F125LP (19) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC vi...

Visit	Proposal 18362, N13 Reg_9 F165LP_F150LP_F125LP (19)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(19)	N13-REG9		RA: 00 45 54.4964 (11.4770683d) Dec: -73 22 43.18 (-73.37866d) Equinox: J2000				V=16		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[DUST LANE]												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(19) N13-REG9	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n N13 Reg_9 F165L P_F150LP_F125LP (19) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	(ACS.im.23 08973)	(19) N13-REG9	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n N13 Reg_9 F165L P_F150LP_F125LP (19) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	3	(ACS.im.23 08945)	(19) N13-REG9	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n N13 Reg_9 F165L P_F150LP_F125LP (19) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]



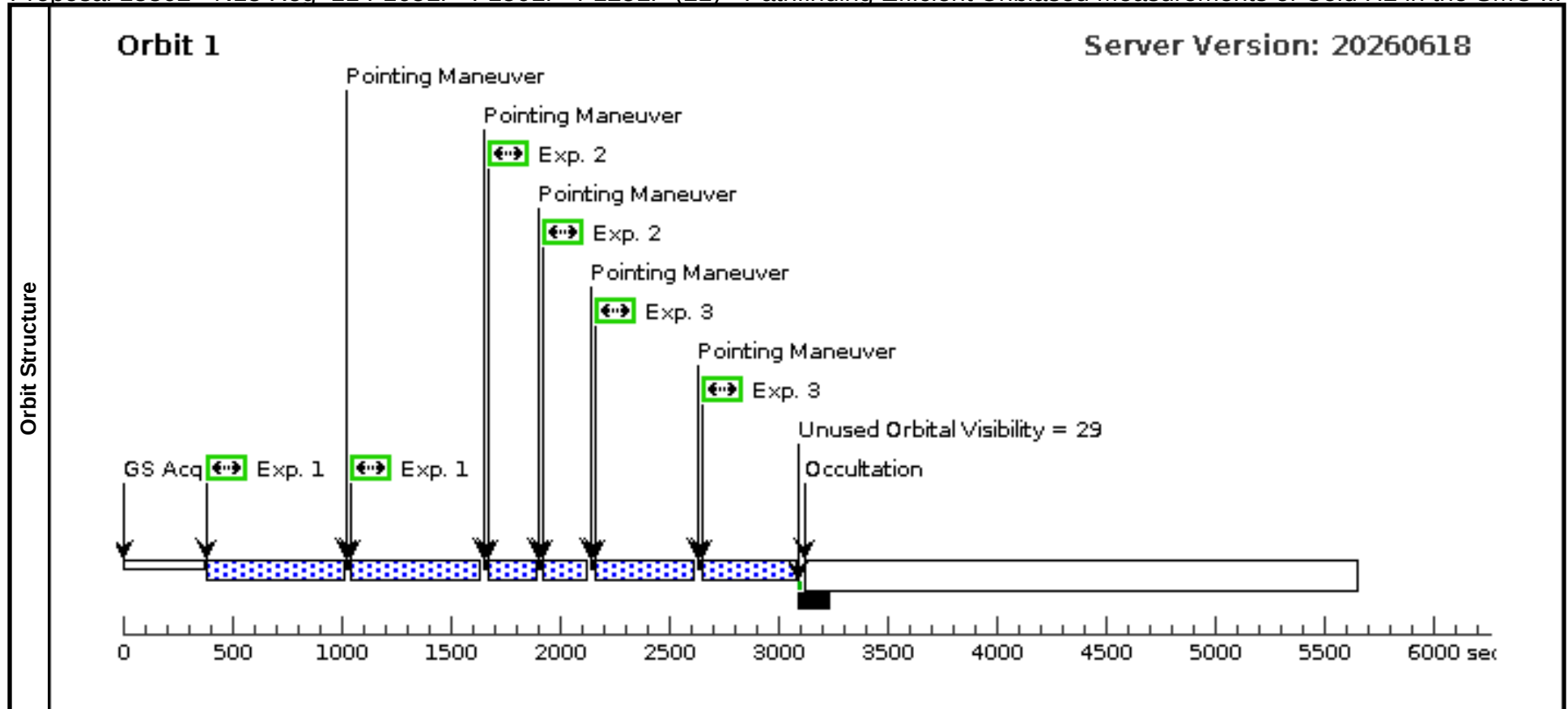
Proposal 18362 - N13 Reg_10 F165LP F150LP F125LP (20) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC ...

Visit	Proposal 18362, N13 Reg_10 F165LP_F150LP_F125LP (20)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(20)	N13-REG10		RA: 00 45 43.6631 (11.4319296d) Dec: -73 22 53.05 (-73.38140d) Equinox: J2000				V=16		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[DUST LANE]												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(20) N13-REG10	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n N13 Reg_10 F165 LP_F150LP_F125LP (20) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	(ACS.im.23 08973)	(20) N13-REG10	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n N13 Reg_10 F165 LP_F150LP_F125LP (20) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	3	(ACS.im.23 08945)	(20) N13-REG10	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n N13 Reg_10 F165 LP_F150LP_F125LP (20) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]



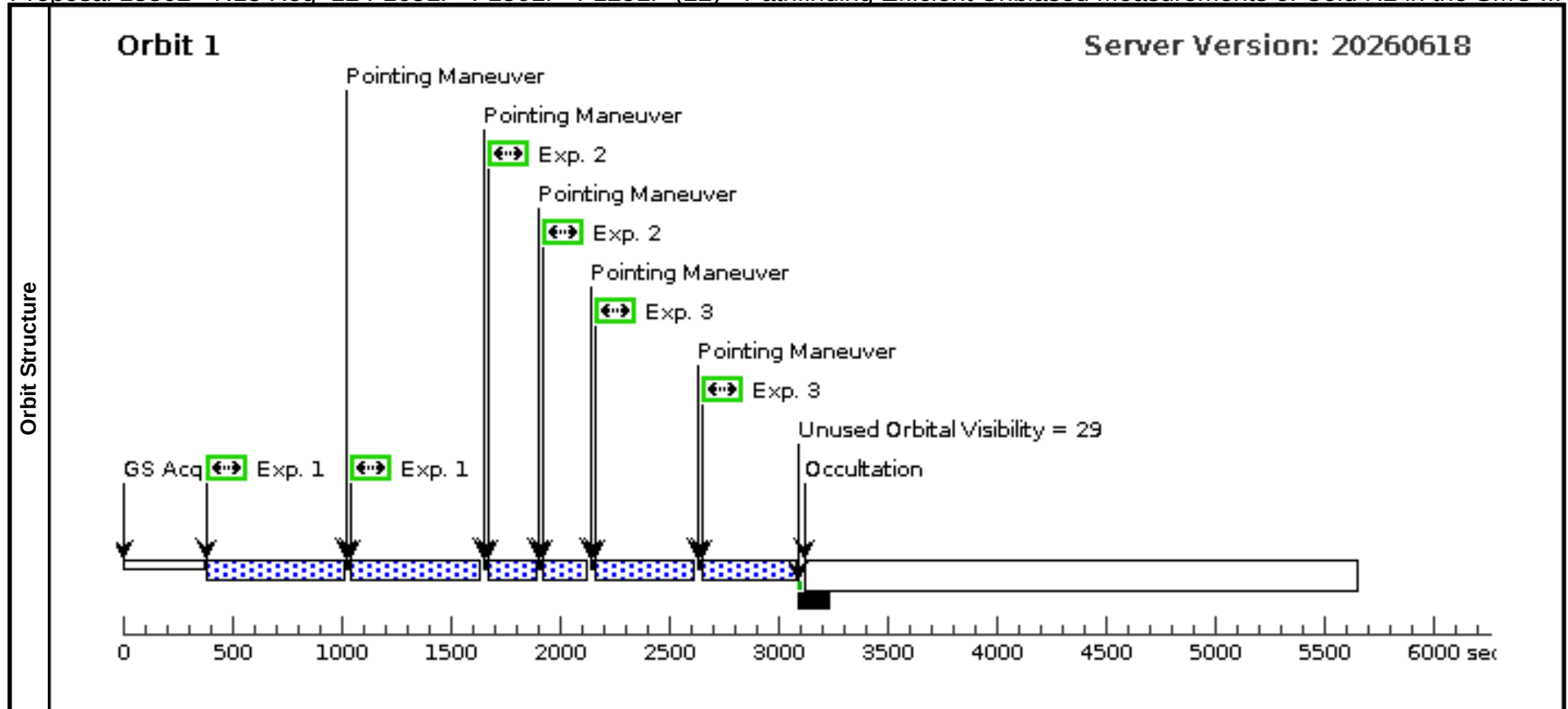
Proposal 18362 - N13 Reg 11 F165LP F150LP F125LP (21) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC ...

Visit	Proposal 18362, N13 Reg_11 F165LP_F150LP_F125LP (21)										Wed Aug 19 14:00:42 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/SBC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false						(1), (2), (3)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(21)	N13-REG11		RA: 00 45 12.2160 (11.3009000d) Dec: -73 22 41.88 (-73.37830d) Equinox: J2000				V=16		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DUST LANE]											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08964)	(21) N13-REG11	ACS/SBC, ACCUM, SBC-FIX		F165LP			Pattern 1, Exps 1-1 i n N13 Reg_11 F165 LP_F150LP_F125LP (21) (1)	565 Secs (1130 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	
	2	(ACS.im.23 08973)	(21) N13-REG11	ACS/SBC, ACCUM, SBC-FIX		F150LP			Pattern 1, Exps 2-2 i n N13 Reg_11 F165 LP_F150LP_F125LP (21) (1)	175 Secs (350 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	
	3	(ACS.im.23 08945)	(21) N13-REG11	ACS/SBC, ACCUM, SBC-FIX		F125LP			Pattern 1, Exps 3-3 i n N13 Reg_11 F165 LP_F150LP_F125LP (21) (1)	400 Secs (800 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
											[1]	



Proposal 18362 - N13 Reg_12 F165LP F150LP F125LP (22) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC ...

Visit	Proposal 18362, N13 Reg_12 F165LP_F150LP_F125LP (22)										Wed Aug 19 14:00:42 GMT 2026		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: ACS/SBC												
	Special Requirements: (none)												
Patterns	#	Primary Pattern				Secondary Pattern				Exposures			
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=44.4 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.472 Line Spacing=								(1), (2), (3)			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(22)	N13-REG12	RA: 00 45 15.0907 (11.3128779d) Dec: -73 23 0.32 (-73.38342d) Equinox: J2000				V=16		Reference Frame: ICRS				
Comments: Category=GALAXY Description=[DUST LANE]													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1	(ACS.im.23 08964)	(22) N13-REG12	ACS/SBC, ACCUM, SBC-FIX	F165LP			Pattern 1, Exps 1-1 i n N13 Reg_12 F165 LP_F150LP_F125LP (22) (1)	565 Secs (1130 Secs)				
								[==>(Pattern 1)]			[1]		
								[==>(Pattern 2)]					
	2	(ACS.im.23 08973)	(22) N13-REG12	ACS/SBC, ACCUM, SBC-FIX	F150LP			Pattern 1, Exps 2-2 i n N13 Reg_12 F165 LP_F150LP_F125LP (22) (1)	175 Secs (350 Secs)				
								[==>(Pattern 1)]			[1]		
								[==>(Pattern 2)]					
	3	(ACS.im.23 08945)	(22) N13-REG12	ACS/SBC, ACCUM, SBC-FIX	F125LP			Pattern 1, Exps 3-3 i n N13 Reg_12 F165 LP_F150LP_F125LP (22) (1)	400 Secs (800 Secs)				
								[==>(Pattern 1)]			[1]		
								[==>(Pattern 2)]					

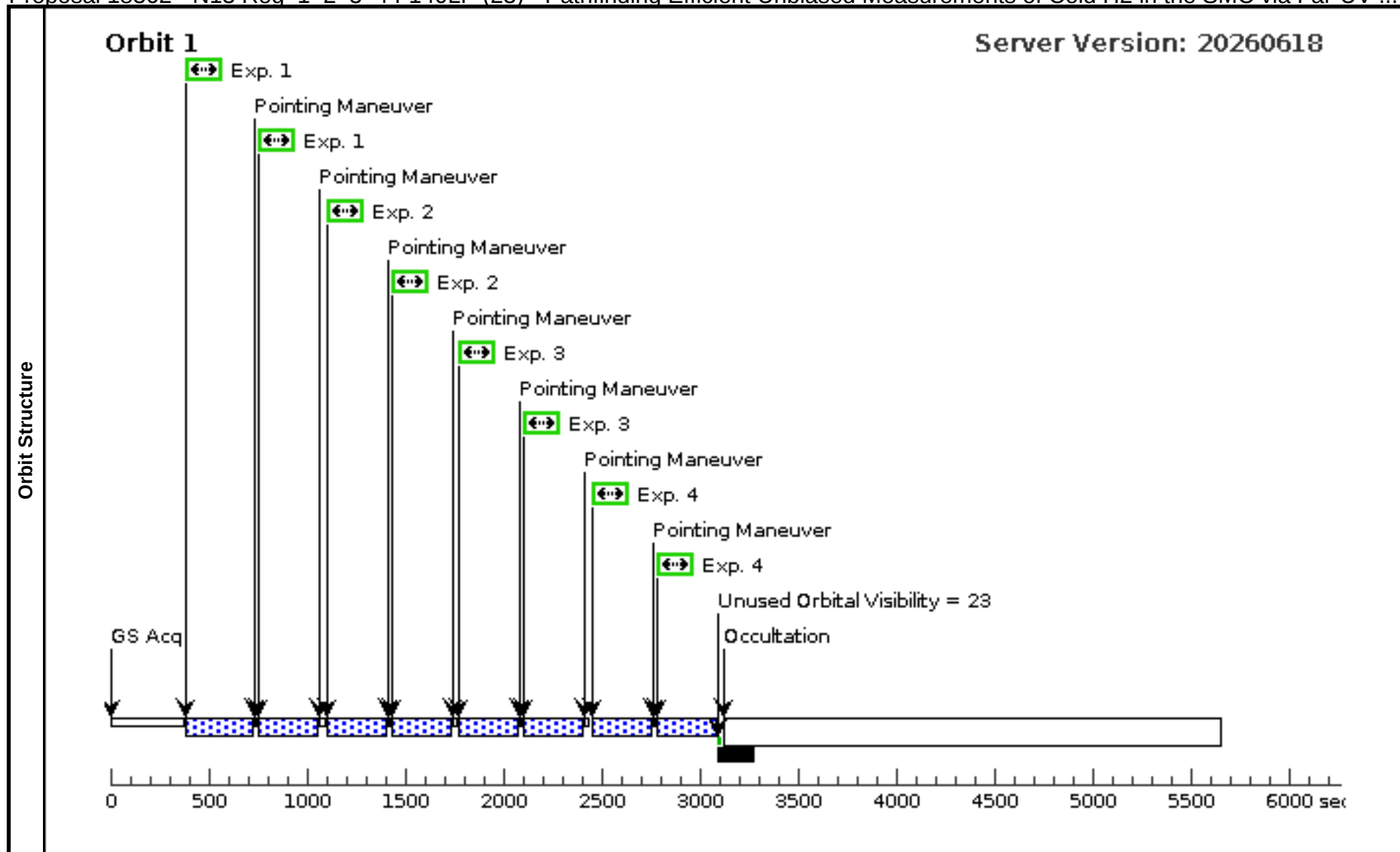


Proposal 18362 - N13 Reg 1 2 3 4 F140LP (23) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC via Far-UV ...

Visit	Proposal 18362, N13 Reg_1_2_3_4 F140LP (23)					Wed Aug 19 14:00:42 GMT 2026
	Diagnostic Status: No Diagnostics					
	Scientific Instruments: ACS/SBC					
	Special Requirements: (none)					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false			(1), (2), (3), (4)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	N13-REG1	RA: 00 45 40.7599 (11.4198329d) Dec: -73 21 17.22 (-73.35478d) Equinox: J2000		V=16	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[DUST LANE]					
	(12)	N13-REG2	RA: 00 45 36.4098 (11.4017075d) Dec: -73 21 37.74 (-73.36048d) Equinox: J2000		V=16	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[DUST LANE]					
	(13)	N13-REG3	RA: 00 45 37.5673 (11.4065304d) Dec: -73 22 0.67 (-73.36685d) Equinox: J2000		V=16	Reference Frame: ICRS
Comments: Category=GALAXY Description=[DUST LANE]						
	(14)	N13-REG4	RA: 00 45 32.3555 (11.3848146d) Dec: -73 22 13.62 (-73.37045d) Equinox: J2000		V=16	Reference Frame: ICRS
Comments: Category=GALAXY Description=[DUST LANE]						

Proposal 18362 - N13 Reg 1 2 3 4 F140LP (23) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC via Far-UV ...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08996)	(11) N13-REG1	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 1-1 i n N13 Reg_1_2_3_4 F140LP (23) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	2	(ACS.im.23 08996)	(12) N13-REG2	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 2-2 i n N13 Reg_1_2_3_4 F140LP (23) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	3	(ACS.im.23 08996)	(13) N13-REG3	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 3-3 i n N13 Reg_1_2_3_4 F140LP (23) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	4	(ACS.im.23 08996)	(14) N13-REG4	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 4-4 i n N13 Reg_1_2_3_4 F140LP (23) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		

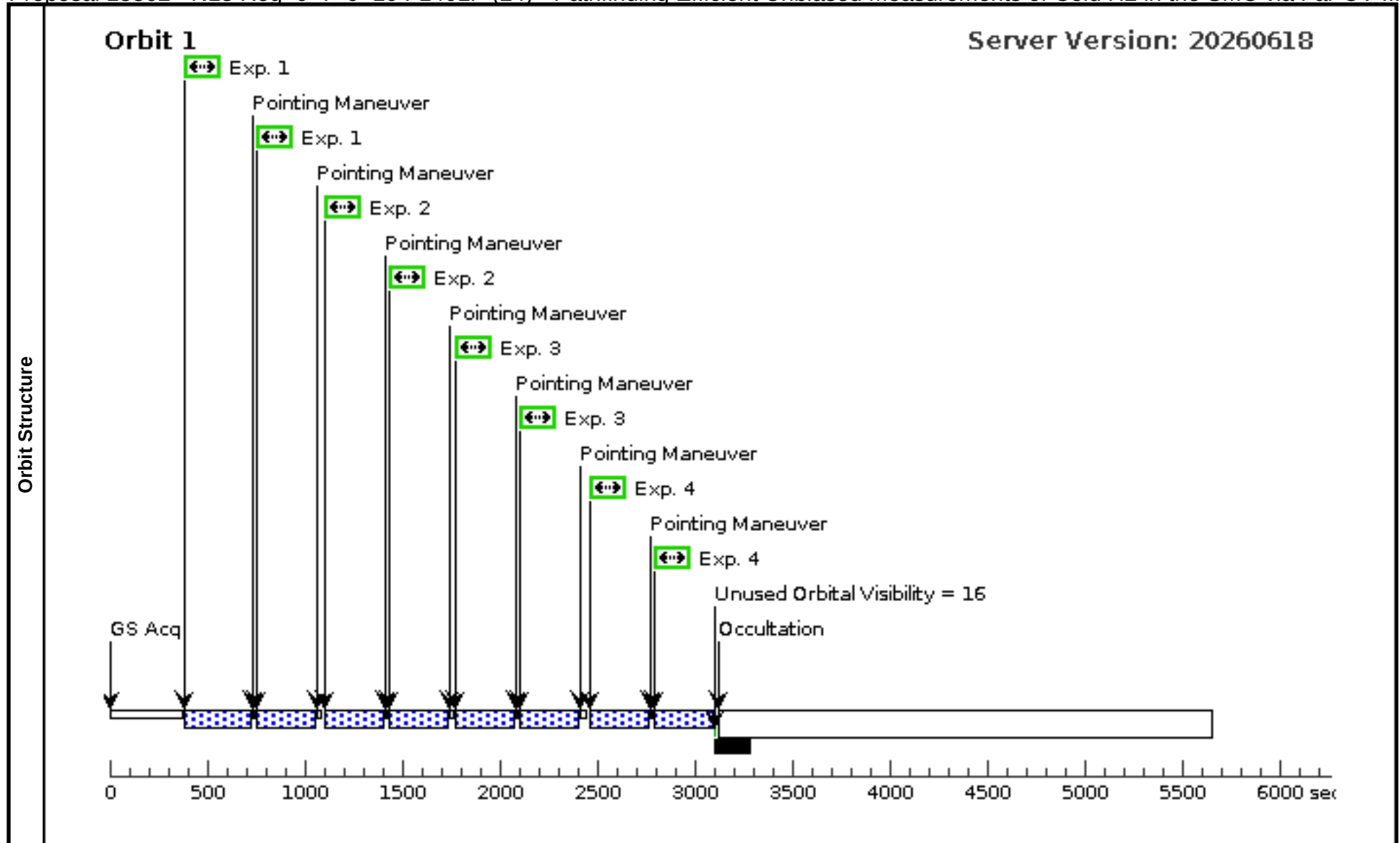


Proposal 18362 - N13 Reg 6 7 9 10 F140LP (24) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC via Far-UV ...

Visit	Proposal 18362, N13 Reg_6_7_9_10 F140LP (24)					Wed Aug 19 14:00:42 GMT 2026
	Diagnostic Status: No Diagnostics					
	Scientific Instruments: ACS/SBC					
	Special Requirements: (none)					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(1)	Pattern Type=ACS-SBC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false			(1), (2), (3), (4)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	N13-REG6	RA: 00 45 44.1879 (11.4341162d) Dec: -73 22 25.48 (-73.37374d) Equinox: J2000 Comments: Category=GALAXY Description=[DUST LANE]		V=16	Reference Frame: ICRS
	(17)	N13-REG7	RA: 00 45 48.9279 (11.4538663d) Dec: -73 22 40.21 (-73.37784d) Equinox: J2000 Comments: Category=GALAXY Description=[DUST LANE]		V=16	Reference Frame: ICRS
	(19)	N13-REG9	RA: 00 45 54.4964 (11.4770683d) Dec: -73 22 43.18 (-73.37866d) Equinox: J2000 Comments: Category=GALAXY Description=[DUST LANE]		V=16	Reference Frame: ICRS
	(20)	N13-REG10	RA: 00 45 43.6631 (11.4319296d) Dec: -73 22 53.05 (-73.38140d) Equinox: J2000 Comments: Category=GALAXY Description=[DUST LANE]		V=16	Reference Frame: ICRS

Proposal 18362 - N13 Reg 6 7 9 10 F140LP (24) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC via Far-UV ...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(ACS.im.23 08996)	(16) N13-REG6	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 1-1 i n N13 Reg_6_7_9_1 0 F140LP (24) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	2	(ACS.im.23 08996)	(17) N13-REG7	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 2-2 i n N13 Reg_6_7_9_1 0 F140LP (24) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	3	(ACS.im.23 08996)	(19) N13-REG9	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 3-3 i n N13 Reg_6_7_9_1 0 F140LP (24) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	4	(ACS.im.23 08996)	(20) N13-REG10	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 4-4 i n N13 Reg_6_7_9_1 0 F140LP (24) (1)	270 Secs (540 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		



Proposal 18362 - N13 Reg 5 8 11 12 F140LP (25) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC via Far-U...

Visit	Proposal 18362, N13 Reg_5_8_11_12 F140LP (25) Wed Aug 19 14:00:42 GMT 2026				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC Special Requirements: (none)				
Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=ACS-SBC-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.472 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=44.4 Angle Between Sides= Center Pattern=false		(1), (2), (3), (4)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
	(15)	N13-REG5	RA: 00 45 38.1600 (11.4090000d) Dec: -73 22 24.24 (-73.37340d) Equinox: J2000	V=16	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[DUST LANE]				
	(18)	N13-REG8	RA: 00 45 35.0880 (11.3962000d) Dec: -73 22 40.44 (-73.37790d) Equinox: J2000	V=16	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[DUST LANE]				
	(21)	N13-REG11	RA: 00 45 12.2160 (11.3009000d) Dec: -73 22 41.88 (-73.37830d) Equinox: J2000	V=16	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[DUST LANE]				
	(22)	N13-REG12	RA: 00 45 15.0907 (11.3128779d) Dec: -73 23 0.32 (-73.38342d) Equinox: J2000	V=16	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[DUST LANE]				

Proposal 18362 - N13 Reg 5 8 11 12 F140LP (25) - Pathfinding Efficient Unbiased Measurements of Cold H2 in the SMC via Far-U...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(ACS.im.23 08996)	(15) N13-REG5	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 1-1 i n N13 Reg_5_8_11_ 12 F140LP (25) (1)	270 Secs (540 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	
	2	(ACS.im.23 08996)	(18) N13-REG8	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 2-2 i n N13 Reg_5_8_11_ 12 F140LP (25) (1)	270 Secs (540 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(ACS.im.23 08996)	(21) N13-REG11	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 3-3 i n N13 Reg_5_8_11_ 12 F140LP (25) (1)	270 Secs (540 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(ACS.im.23 08996)	(22) N13-REG12	ACS/SBC, ACCUM, SBC-FIX	F140LP			Pattern 1, Exps 4-4 i n N13 Reg_5_8_11_ 12 F140LP (25) (1)	270 Secs (540 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]

