



18029 - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Cycle: 33, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
15	(5) AND-6	ACS/WFC	3	03-Dec-2025 15:00:44.0	yes
16	(5) AND-6	ACS/WFC	2	03-Dec-2025 15:00:45.0	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>
12	(2) AND-7	ACS/WFC	2	03-Dec-2025 15:00:45.0	yes
14	(2) AND-7	ACS/WFC	2	03-Dec-2025 15:00:46.0	yes
13	(2) AND-7	ACS/WFC	2	03-Dec-2025 15:00:46.0	yes
01	(9) AND-19	ACS/WFC	3	03-Dec-2025 15:00:47.0	yes
02	(9) AND-19	ACS/WFC	2	03-Dec-2025 15:00:47.0	yes
03	(9) AND-19	ACS/WFC	2	03-Dec-2025 15:00:48.0	yes
04	(9) AND-19	ACS/WFC	2	03-Dec-2025 15:00:48.0	yes
05	(4) AND-31	ACS/WFC	3	03-Dec-2025 15:00:49.0	yes
06	(4) AND-31	ACS/WFC	3	03-Dec-2025 15:00:50.0	yes
07	(3) AND-32	ACS/WFC	3	03-Dec-2025 15:00:51.0	yes
08	(3) AND-32	ACS/WFC	2	03-Dec-2025 15:00:52.0	yes
09	(3) AND-32	ACS/WFC	2	03-Dec-2025 15:00:53.0	yes
10	(6) AND-33 ANY	ACS/WFC WFC3/UVIS	3	03-Dec-2025 15:00:54.0	yes
11	(6) AND-33 ANY	ACS/WFC WFC3/UVIS	2	03-Dec-2025 15:00:55.0	yes
17	(1) NGC205	ACS/WFC	3	03-Dec-2025 15:00:56.0	yes
18	(1) NGC205	ACS/WFC	2	03-Dec-2025 15:00:57.0	yes
19	(10) NGC205-2	WFC3/UVIS	3	03-Dec-2025 15:00:58.0	yes
20	(10) NGC205-2	WFC3/UVIS	2	03-Dec-2025 15:00:58.0	yes

48 Total Orbits Used

ABSTRACT

Precise proper motions (PMs) have transformed our understanding of the Milky Way (MW) and its substructures. However, MW's nearest massive analog M31 remains underexplored in this regard. This proposal requests 48 HST orbits to obtain second-epoch observations to measure PMs for seven bright dwarf satellites of M31: NGC 205, And VI, VII, XIX, XXXI, XXXII, and XXXIII. These are ideal targets due to their stellar density,

known distances, and line-of-sight velocities.

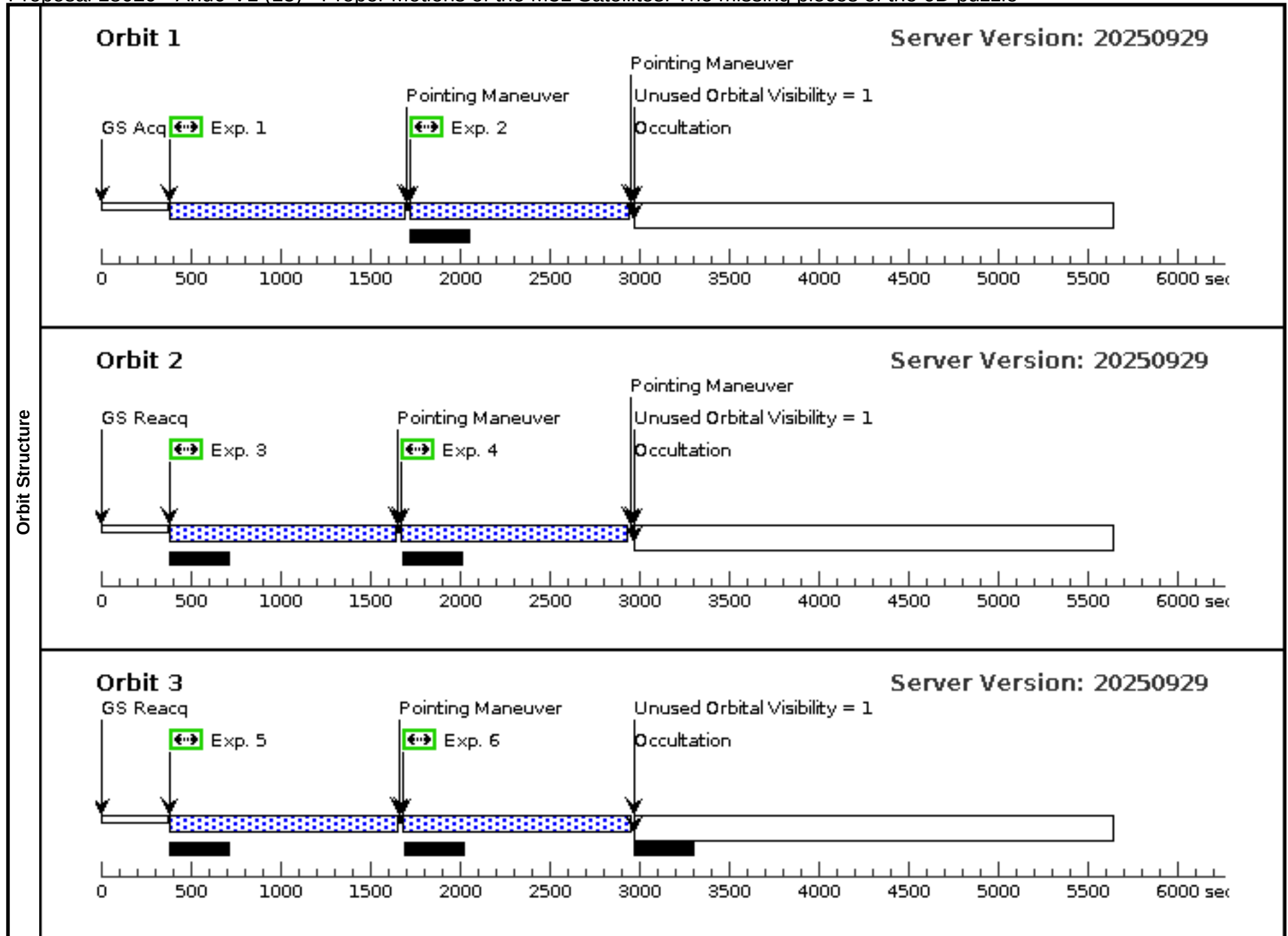
M31's satellites offer a unique opportunity to study galaxy assembly, orbital history, and dark matter halo mass. Unlike the MW, M31's satellites show strikingly similar star formation histories, suggesting possible coordinated quenching events around ~ 6 Gyr ago which could indicate a group infall or a shared environmental effect, scenarios only distinguishable through 3D kinematics which can only be accessed by PM measurements. Meanwhile, the existence and stability of the "Great Plane of Andromeda" (GPoA) remain debated. PMs of satellites within and outside the plane, especially of massive members like NGC 205, are crucial to test whether the GPoA is a stable structure or a transient feature. Precise PMs will help constrain M31's halo mass by using distant satellites as tracers, a method proven effective for the MW. Most of these dwarfs have no prior PM measurements and Gaia is not sensitive enough at M31's distance. HST is currently the only observatory capable of achieving the necessary precision. These observations are critical to unlock the orbital histories and assembly of the M31 system within a broader cosmological context.

OBSERVING DESCRIPTION

We propose to measure PMs of 7 bright dwarf satellites orbiting around M31 to obtain crucial components required for 3-D kinematics. We will observe the sample using ACS/WFC (in F814W), with coordinated parallel observations using WFC3/UVIS for And XXXIII to match the first epoch (see below). For NGC 205, we also request 5 prime WFC3/UVIS orbits to observe the former parallel field from the first epoch; due to the implementation of reduced gyro operations, it is no longer possible to observe this field as a parallel to the ACS prime field.

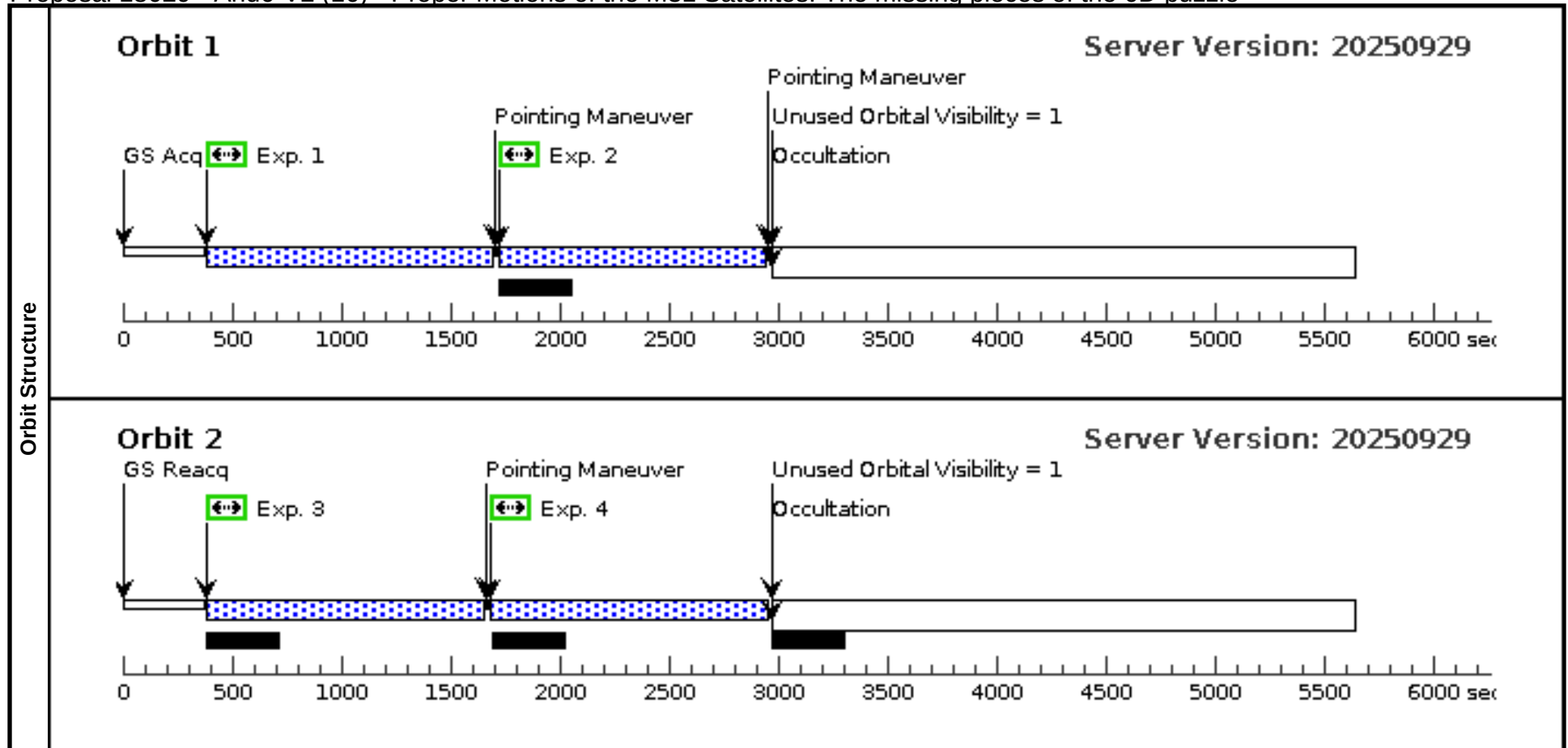
Proposal 18029 - And6-V1 (15) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And6-V1 (15), pi										Wed Dec 03 20:00:59 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/WFC											
	Special Requirements: ORIENT 295D TO 235 D; GROUP 15,16 WITHIN 30D											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(5)	AND-6	RA: 23 51 48.0214 (357.9500892d)				V=22+/-1		Reference Frame: ICRS			
			Dec: +24 35 50.21 (24.59728d)									
			Equinox: J2000									
	Comments: Category=GALAXY Description=[DWARF SPHEROIDAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) AND-6	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0,0		1100 Secs (1100 Secs)		
										[==>]		[1]
	2		(5) AND-6	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.0654,0 .2574		1100 Secs (1100 Secs)		
										[==>]		[1]
	3		(5) AND-6	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.1391,0 .1689		1100 Secs (1141 Secs)		
										[==>1141.0 Secs]		[2]
	4		(5) AND-6	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.1550,0 .4225		1100 Secs (1141 Secs)		
										[==>1141.0 Secs]		[2]
	5		(5) AND-6	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.2177,0 .0857		1100 Secs (1151 Secs)		
									[==>1151.0 Secs]		[3]	
6		(5) AND-6	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.2781,0 .3427		1100 Secs (1151 Secs)			
									[==>1151.0 Secs]		[3]	



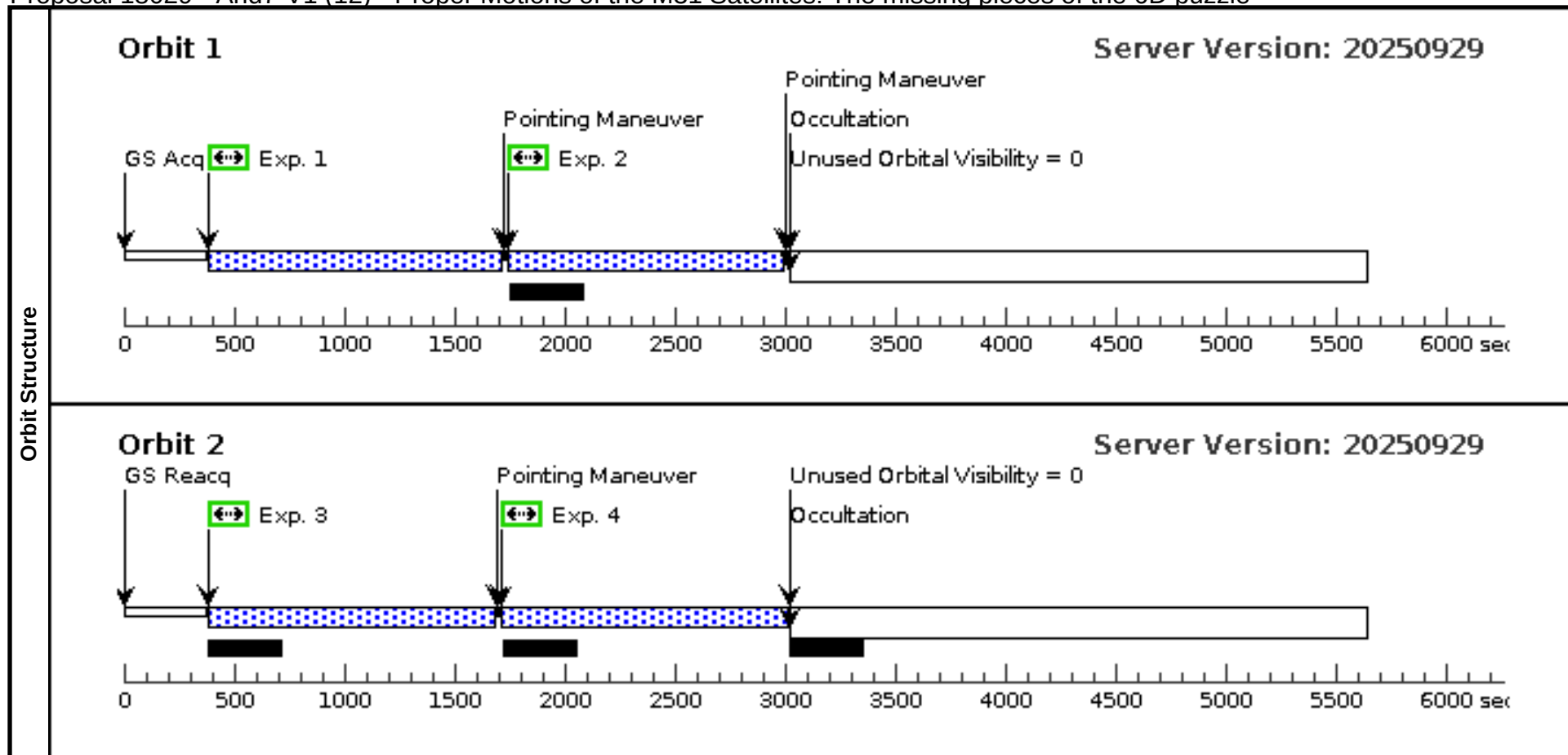
Proposal 18029 - And6-V2 (16) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And6-V2 (16), pi										Wed Dec 03 20:00:59 GMT 2025
	Diagnostic Status: Informational										
	Scientific Instruments: ACS/WFC										
	Special Requirements: SAME ORIENT AS 15; GROUP 16,15 WITHIN 30D										
Diagnostics	(And6-V2 (16)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(5)	AND-6	RA: 23 51 48.0214 (357.9500892d) Dec: +24 35 50.21 (24.59728d) Equinox: J2000				V=22+/-1	Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[DWARF SPHEROIDAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) AND-6	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.3414,0 .1544		1100 Secs (1100 Secs)		
									[==>]		[1]
	2		(5) AND-6	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.3567,0 .2595		1100 Secs (1100 Secs)		
									[==>]		[1]
	3		(5) AND-6	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.4216,0 .4178		1100 Secs (1151 Secs)		
									[==>1151.0 Secs]		[2]
	4		(5) AND-6	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.4802,0 .2787		1100 Secs (1151 Secs)		
								[==>1151.0 Secs]		[2]	



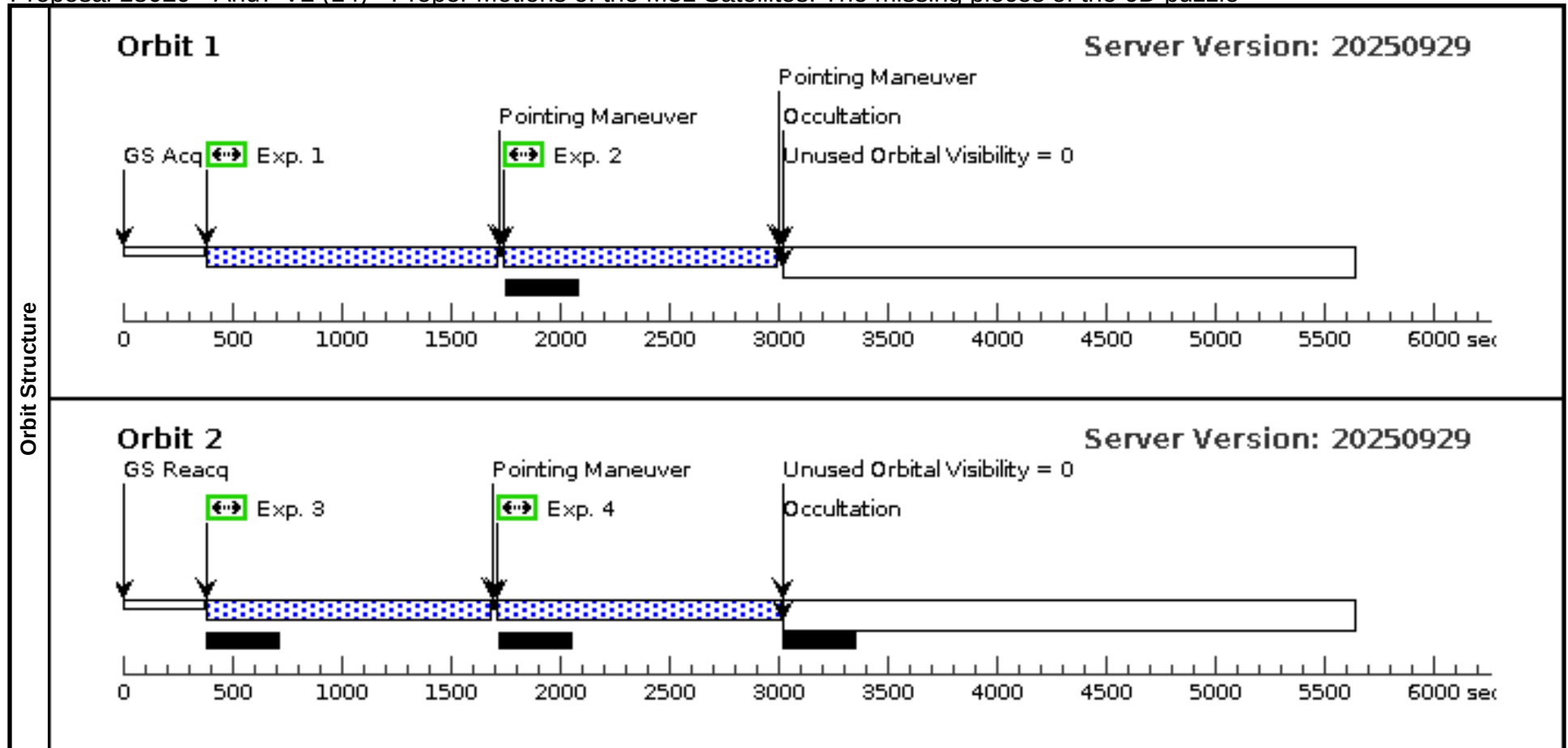
Proposal 18029 - And7-V1 (12) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And7-V1 (12), pi								Wed Dec 03 20:00:59 GMT 2025	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: ACS/WFC									
	Special Requirements: ORIENT 126D TO 86 D; GROUP 12,13,14 WITHIN 30D									
	Comments: A 2 orbit visit for And 7									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	AND-7	RA: 23 26 31.0000 (351.6291667d) Dec: +50 41 31.00 (50.69194d) Equinox: J2000			V=21+/-1		Reference Frame: ICRS		
	Comments:									
	Category=GALAXY									
	Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) AND-7	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0		1100 Secs (1124 Secs)	
									[==>1124.0 Secs]	[1]
	2		(2) AND-7	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.1740,0 .1850		1100 Secs (1124 Secs)	
									[==>1124.0 Secs]	[1]
	3		(2) AND-7	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.3232,0 .1235		1100 Secs (1175 Secs)	
									[==>1175.0 Secs]	[2]
	4		(2) AND-7	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.1005,0 .3305		1100 Secs (1175 Secs)	
									[==>1175.0 Secs]	[2]



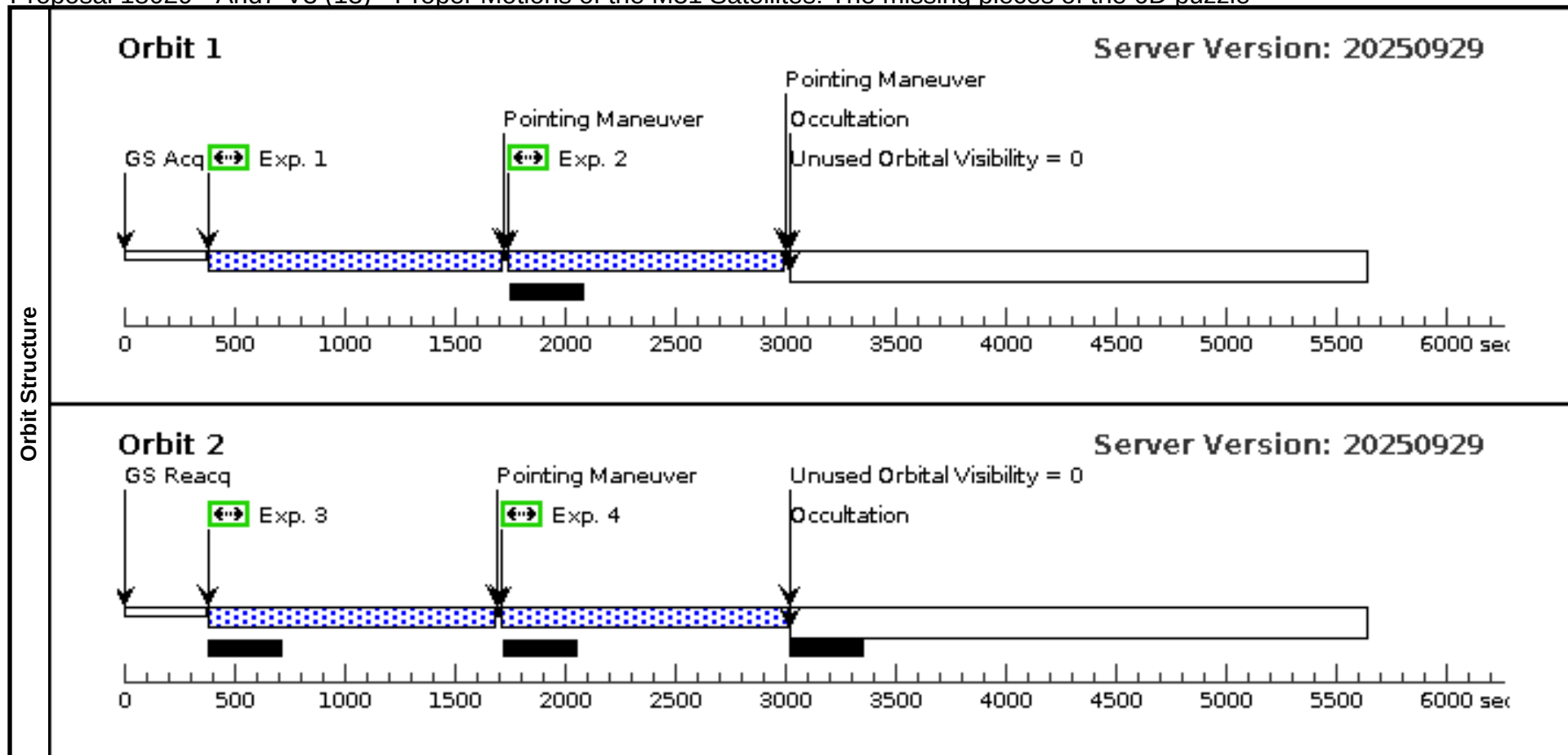
Proposal 18029 - And7-V2 (14) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And7-V2 (14), pi										Wed Dec 03 20:00:59 GMT 2025
	Diagnostic Status: Informational										
	Scientific Instruments: ACS/WFC										
	Special Requirements: SAME ORIENT AS 12; GROUP 14,12,13 WITHIN 30D										
Comments: A 2 orbit visit for And 7											
Diagnostics	(And7-V2 (14)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	AND-7	RA: 23 26 31.0000 (351.6291667d)				V=21+/-1		Reference Frame: ICRS		
			Dec: +50 41 31.00 (50.69194d)								
			Equinox: J2000								
Comments: Category=GALAXY Description=[DWARF SPHEROIDAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) AND-7	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.5030,0 .0460		1100 Secs (1124 Secs)		
									[==>1124.0 Secs]		[1]
	2		(2) AND-7	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.6770,0 .2310		1100 Secs (1124 Secs)		
									[==>1124.0 Secs]		[1]
	3		(2) AND-7	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.8262,0 .1695		1100 Secs (1175 Secs)		
									[==>1175.0 Secs]		[2]
	4		(2) AND-7	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.6035,0 .3765		1100 Secs (1175 Secs)		
								[==>1175.0 Secs]		[2]	



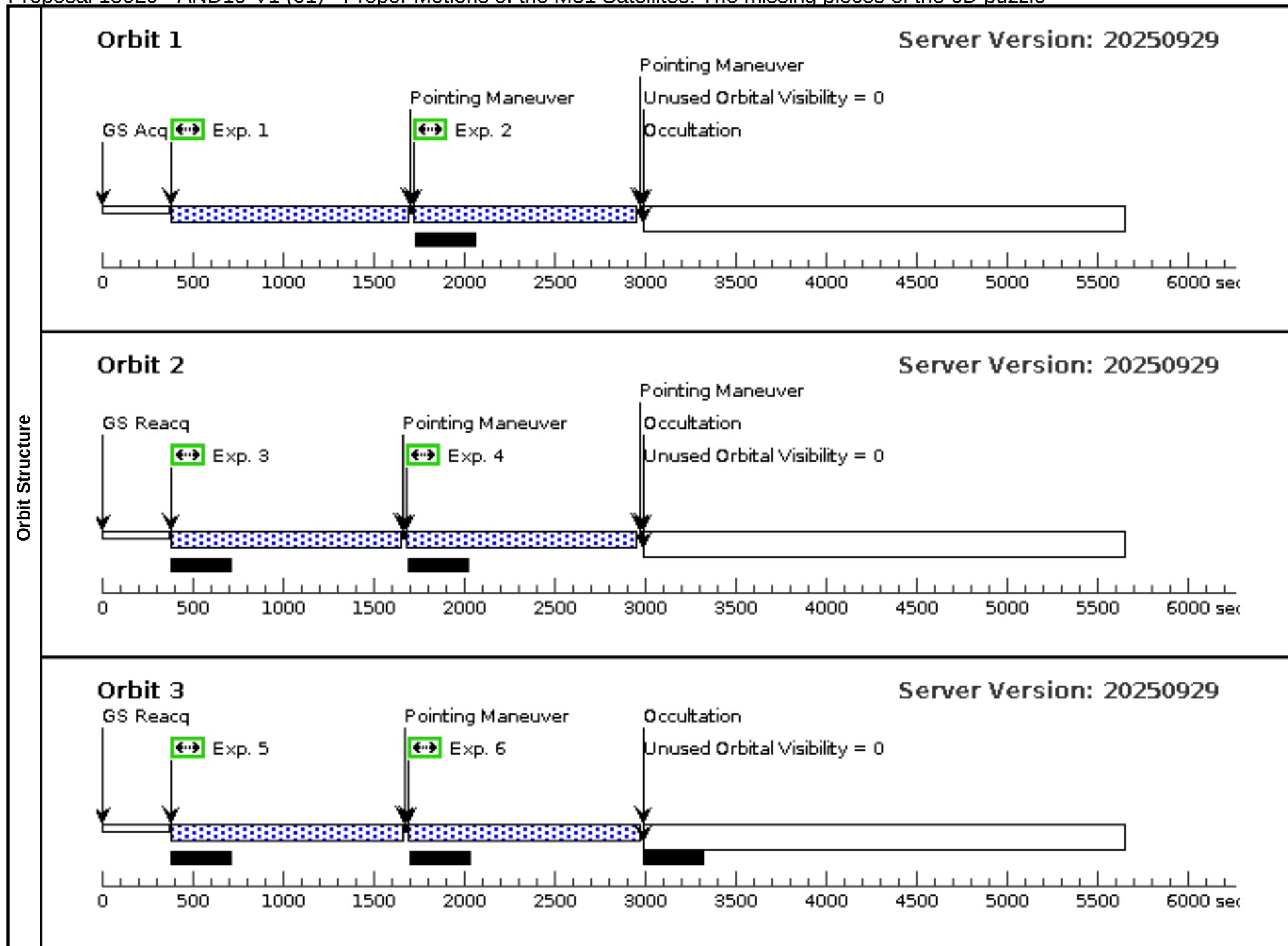
Proposal 18029 - And7-V3 (13) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And7-V3 (13), pi										Wed Dec 03 20:00:59 GMT 2025	
	Diagnostic Status: Informational											
	Scientific Instruments: ACS/WFC											
	Special Requirements: SAME ORIENT AS 12; GROUP 13,12,14 WITHIN 30D											
Comments: A 2 orbit visit for And 7												
Diagnostics	(And7-V3 (13)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(2)	AND-7	RA: 23 26 31.0000 (351.6291667d)				V=21+/-1		Reference Frame: ICRS			
			Dec: +50 41 31.00 (50.69194d)									
			Equinox: J2000									
Comments: Category=GALAXY Description=[DWARF SPHEROIDAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) AND-7	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.1180,0 .5180		1100 Secs (1124 Secs)		
										[==>1124.0 Secs]		[1]
	2		(2) AND-7	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.2920,0 .7030		1100 Secs (1124 Secs)		
										[==>1124.0 Secs]		[1]
	3		(2) AND-7	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.4412,0 .6415		1100 Secs (1175 Secs)		
										[==>1175.0 Secs]		[2]
	4		(2) AND-7	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.2185,0 .8485		1100 Secs (1175 Secs)		
									[==>1175.0 Secs]		[2]	



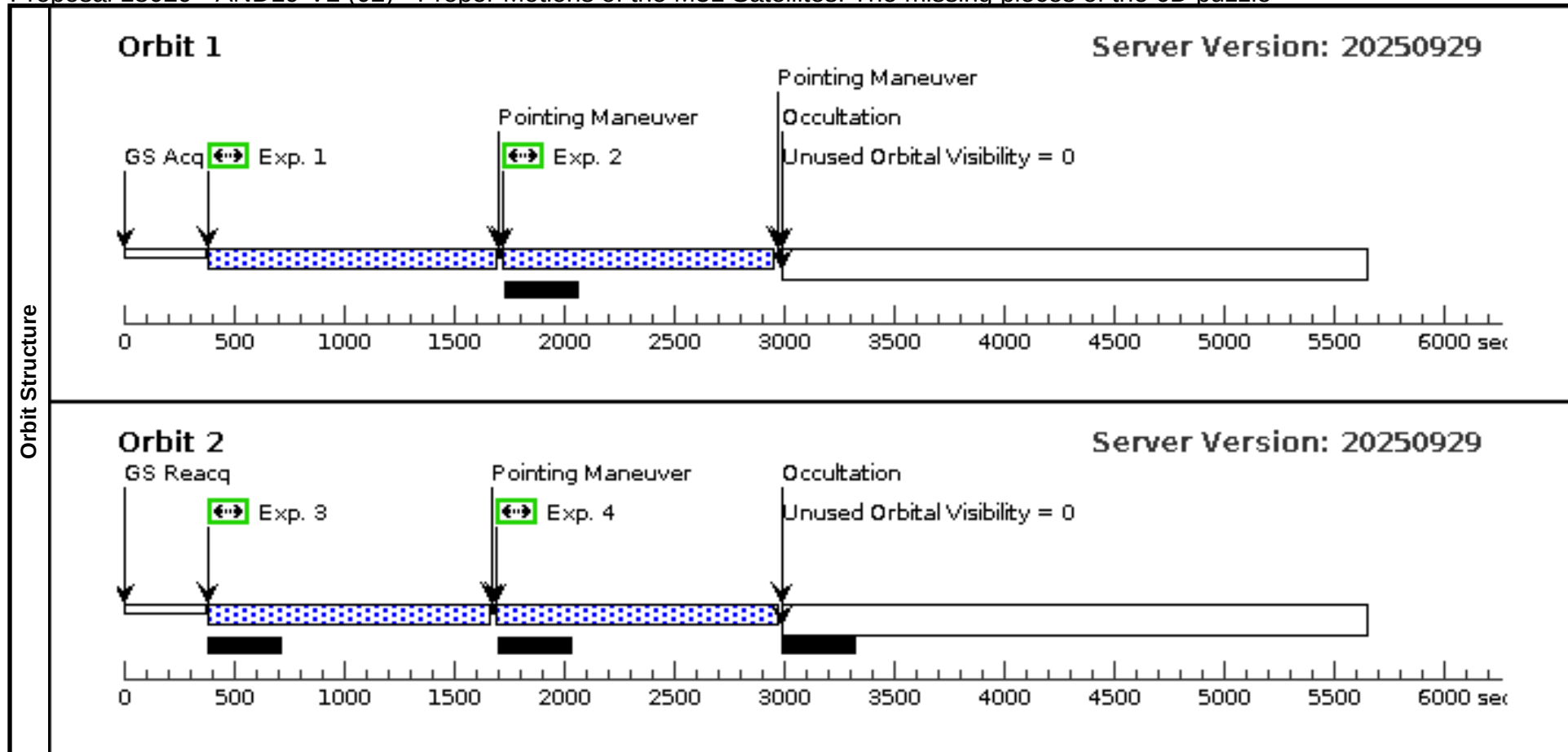
Proposal 18029 - AND19-V1 (01) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, AND19-V1 (01), pi								Wed Dec 03 20:00:59 GMT 2025	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: ACS/WFC									
	Special Requirements: ORIENT 27D TO 327 D; GROUP 01,02,03,04 WITHIN 30D									
	Comments: 3 orbit visit for AND 19									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	AND-19	RA: 00 19 35.4020 (4.8975083d) Dec: +35 04 22.58 (35.07294d) Equinox: J2000			V=15.6		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	Category=GALAXY									
	Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) AND-19	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0		1100 Secs (1107 Secs)	
									[==>1107.0 Secs]	[1]
	2		(9) AND-19	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.2228,0 .1158		1100 Secs (1107 Secs)	
									[==>1107.0 Secs]	[1]
	3		(9) AND-19	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.0998,0 .2303		1100 Secs (1148 Secs)	
									[==>1148.0 Secs]	[2]
	4		(9) AND-19	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.3225,0 .3460		1100 Secs (1148 Secs)	
									[==>1148.0 Secs]	[2]
	5		(9) AND-19	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.4075,0 .0306		1100 Secs (1158 Secs)	
									[==>1158.0 Secs]	[3]
	6		(9) AND-19	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.6304,0 .1464		1100 Secs (1158 Secs)	
									[==>1158.0 Secs]	[3]



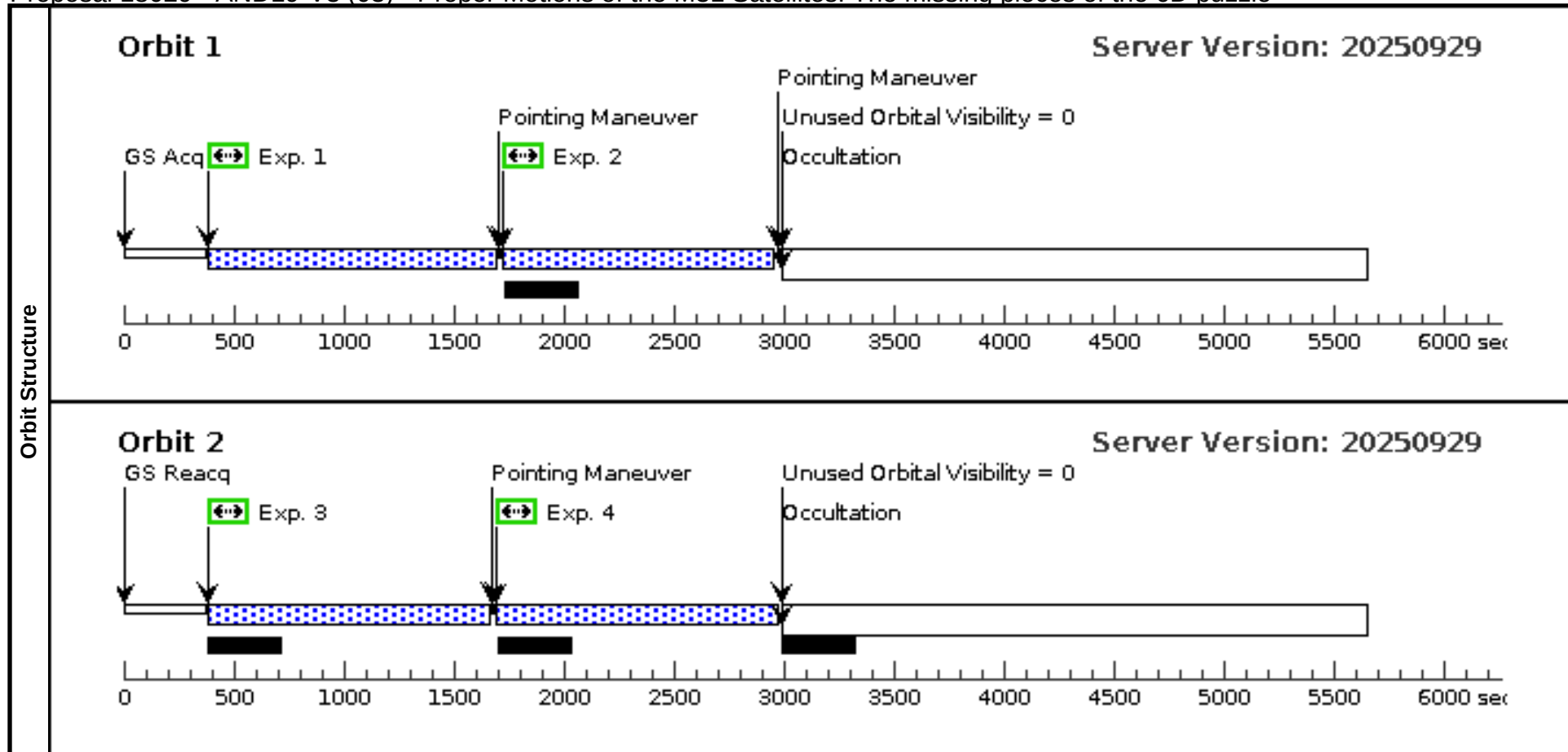
Proposal 18029 - AND19-V2 (02) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, AND19-V2 (02), pi										Wed Dec 03 20:00:59 GMT 2025	
	Diagnostic Status: Informational											
	Scientific Instruments: ACS/WFC											
	Special Requirements: SAME ORIENT AS 01; GROUP 02,01,03,04 WITHIN 30D											
Comments: 2 orbit visit for AND 19												
Diagnostics	(AND19-V2 (02)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	AND-19	RA: 00 19 35.4020 (4.8975083d)				V=15.6		Reference Frame: SIMBAD			
			Dec: +35 04 22.58 (35.07294d)									
			Equinox: J2000									
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Category=GALAXY												
Description=[DWARF SPHEROIDAL]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(9) AND-19	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.5073,0		1100 Secs (1107 Secs)			
							.2609		[==>1107.0 Secs]		[1]	
	2		(9) AND-19	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.7302,0		1100 Secs (1107 Secs)			
							.3767		[==>1107.0 Secs]		[1]	
	3		(9) AND-19	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.0018,0		1100 Secs (1158 Secs)			
							.4085		[==>1158.0 Secs]		[2]	
	4		(9) AND-19	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.2246,0		1100 Secs (1158 Secs)			
						.5243		[==>1158.0 Secs]		[2]		



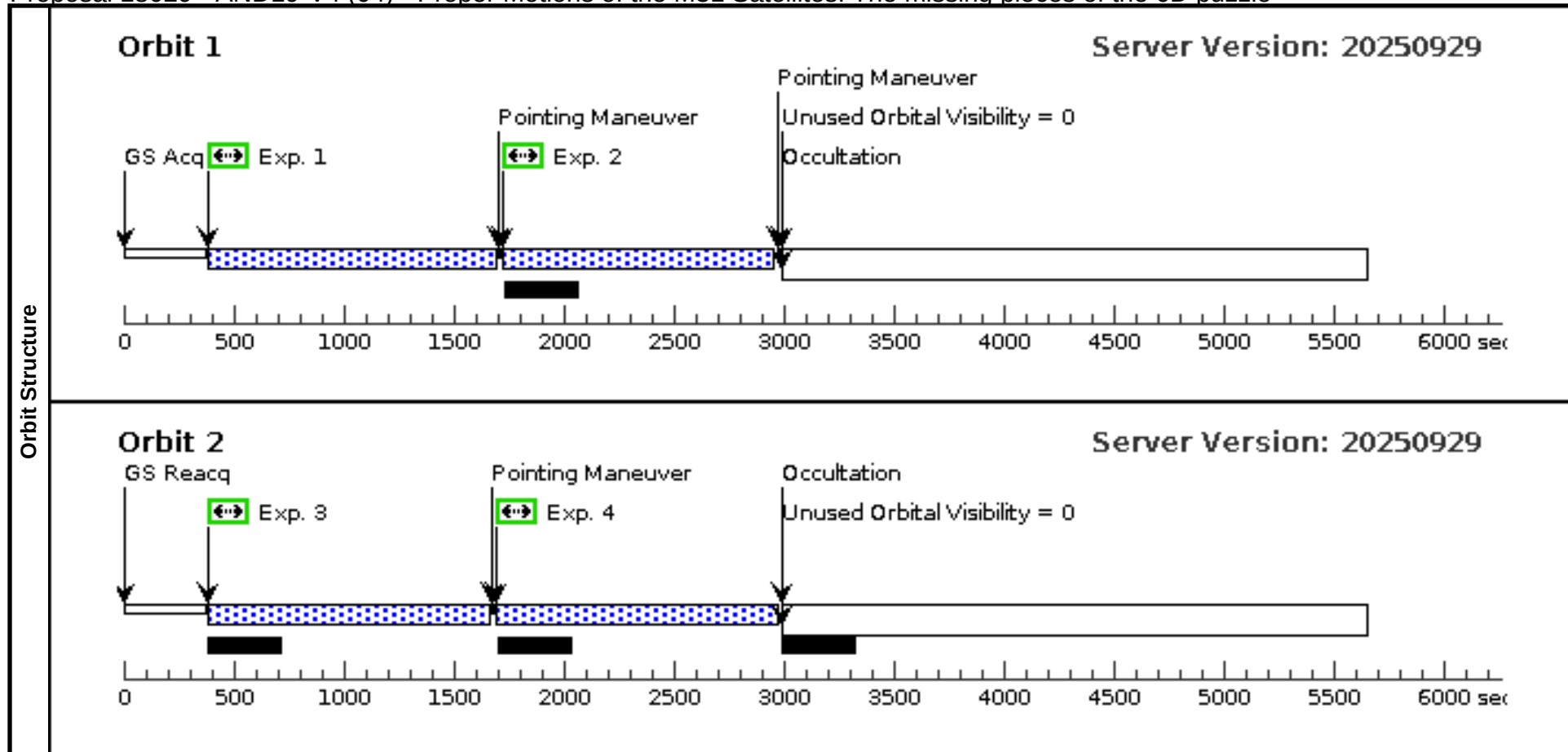
Proposal 18029 - AND19-V3 (03) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, AND19-V3 (03), pi										Wed Dec 03 20:00:59 GMT 2025	
	Diagnostic Status: Informational											
	Scientific Instruments: ACS/WFC											
	Special Requirements: SAME ORIENT AS 01; GROUP 03,01,02,04 WITHIN 30D											
	Comments: 2 orbit visit for AND 19											
Diagnostics	(AND19-V3 (03)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	AND-19	RA: 00 19 35.4020 (4.8975083d)				V=15.6		Reference Frame: SIMBAD			
			Dec: +35 04 22.58 (35.07294d)									
			Equinox: J2000									
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DWARF SPHEROIDAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(9) AND-19	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.1017,0 .6388		1100 Secs (1107 Secs)		
										[==>1107.0 Secs]		[1]
	2		(9) AND-19	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.3244,0 .7545		1100 Secs (1107 Secs)		
										[==>1107.0 Secs]		[1]
	3		(9) AND-19	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.4093,0 .4392		1100 Secs (1158 Secs)		
										[==>1158.0 Secs]		[2]
	4		(9) AND-19	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.6322,0 .5550		1100 Secs (1158 Secs)		
										[==>1158.0 Secs]		[2]



Proposal 18029 - AND19-V4 (04) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, AND19-V4 (04), pi										Wed Dec 03 20:00:59 GMT 2025	
	Diagnostic Status: Informational											
	Scientific Instruments: ACS/WFC											
	Special Requirements: SAME ORIENT AS 01; GROUP 04,01,02,03 WITHIN 30D											
Comments: 2 orbit visit for AND 19												
Diagnostics	(AND19-V4 (04)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	AND-19	RA: 00 19 35.4020 (4.8975083d)				V=15.6		Reference Frame: SIMBAD			
			Dec: +35 04 22.58 (35.07294d)									
			Equinox: J2000									
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Category=GALAXY												
Description=[DWARF SPHEROIDAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(9) AND-19	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.5091,0		1100 Secs (1107 Secs)		
								.6695		[==>1107.0 Secs]		[1]
	2		(9) AND-19	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.7320,0		1100 Secs (1107 Secs)		
								.7852		[==>1107.0 Secs]		[1]
	3		(9) AND-19	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.3914,0		1100 Secs (1158 Secs)		
								.2044		[==>1158.0 Secs]		[2]
	4		(9) AND-19	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.5302,0		1100 Secs (1158 Secs)		
							.3287		[==>1158.0 Secs]		[2]	



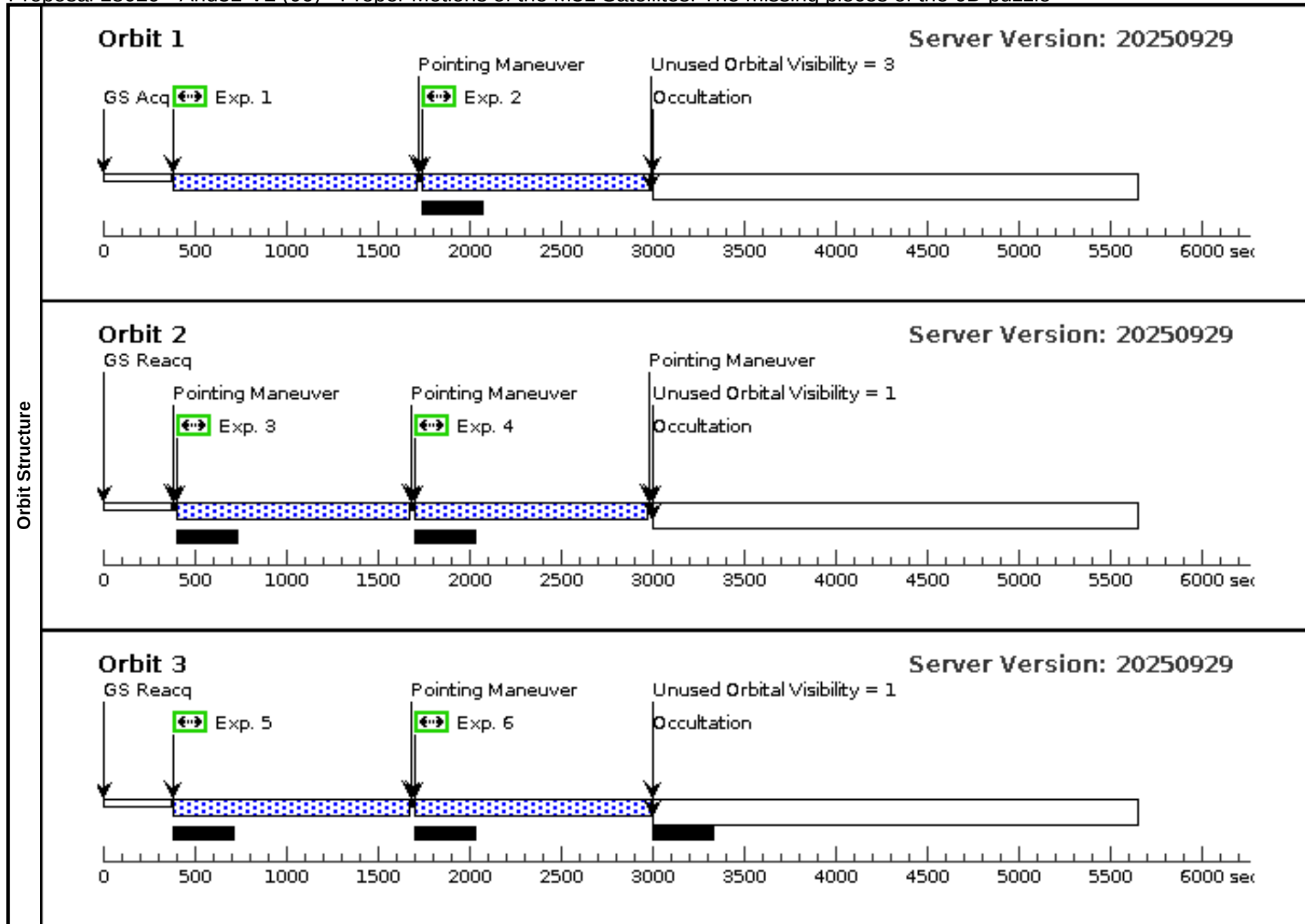
Proposal 18029 - And31-V1 (05) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And31-V1 (05), pi										Wed Dec 03 20:00:59 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/WFC											
	Special Requirements: ORIENT 275D TO 235 D; GROUP 05,06 WITHIN 30D											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(4)	AND-31	RA: 22 58 11.9566 (344.5498192d)				V=21+/-1		Reference Frame: ICRS			
			Dec: +41 20 34.15 (41.34282d)									
			Equinox: J2000									
	Comments: Category=GALAXY Description=[DWARF SPHEROIDAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0 .0000		1120 Secs (1120 Secs)			
									[==>]		[1]	
	2		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0 .1850		1120 Secs (1120 Secs)			
									[==>]		[1]	
	3		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0 .1235		1120 Secs (1142 Secs)			
									[==>1142.0 Secs]		[2]	
	4		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0 .3305		1120 Secs (1142 Secs)			
									[==>1142.0 Secs]		[2]	
5		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5030,0 .0460		1120 Secs (1162 Secs)				
								[==>1162.0 Secs]		[3]		
6		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6770,0 .2310		1120 Secs (1162 Secs)				
								[==>1162.0 Secs]		[3]		



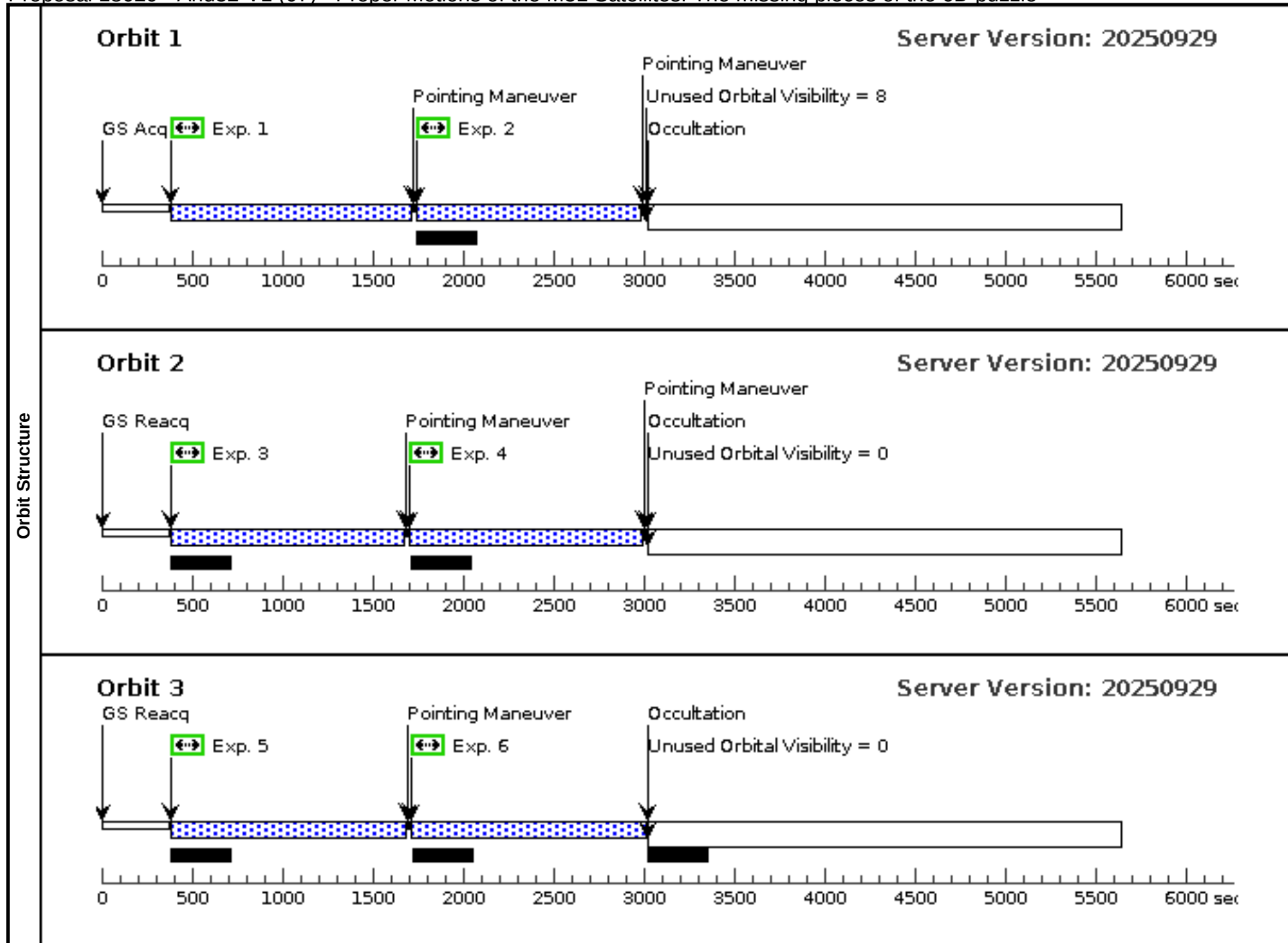
Proposal 18029 - And31-V2 (06) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And31-V2 (06), pi										Wed Dec 03 20:00:59 GMT 2025
	Diagnostic Status: Informational										
	Scientific Instruments: ACS/WFC										
	Special Requirements: SAME ORIENT AS 05; GROUP 06,05 WITHIN 30D										
Diagnostics	(And31-V2 (06)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(4)	AND-31	RA: 22 58 11.9566 (344.5498192d) Dec: +41 20 34.15 (41.34282d) Equinox: J2000				V=21+/-1		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DWARF SPHEROIDAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8262,0 .1695		1120 Secs (1120 Secs) [==>]		[1]
	2		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6035,0 .3765		1120 Secs (1120 Secs) [==>]		[1]
	3		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1180,0 .5180		1120 Secs (1142 Secs) [==>1142.0 Secs]		[2]
	4		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.2920,0 .7030		1120 Secs (1142 Secs) [==>1142.0 Secs]		[2]
	5		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.4412,0 .6415		1120 Secs (1162 Secs) [==>1162.0 Secs]		[3]
	6		(4) AND-31	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.2185,0 .8485		1120 Secs (1162 Secs) [==>1162.0 Secs]		[3]



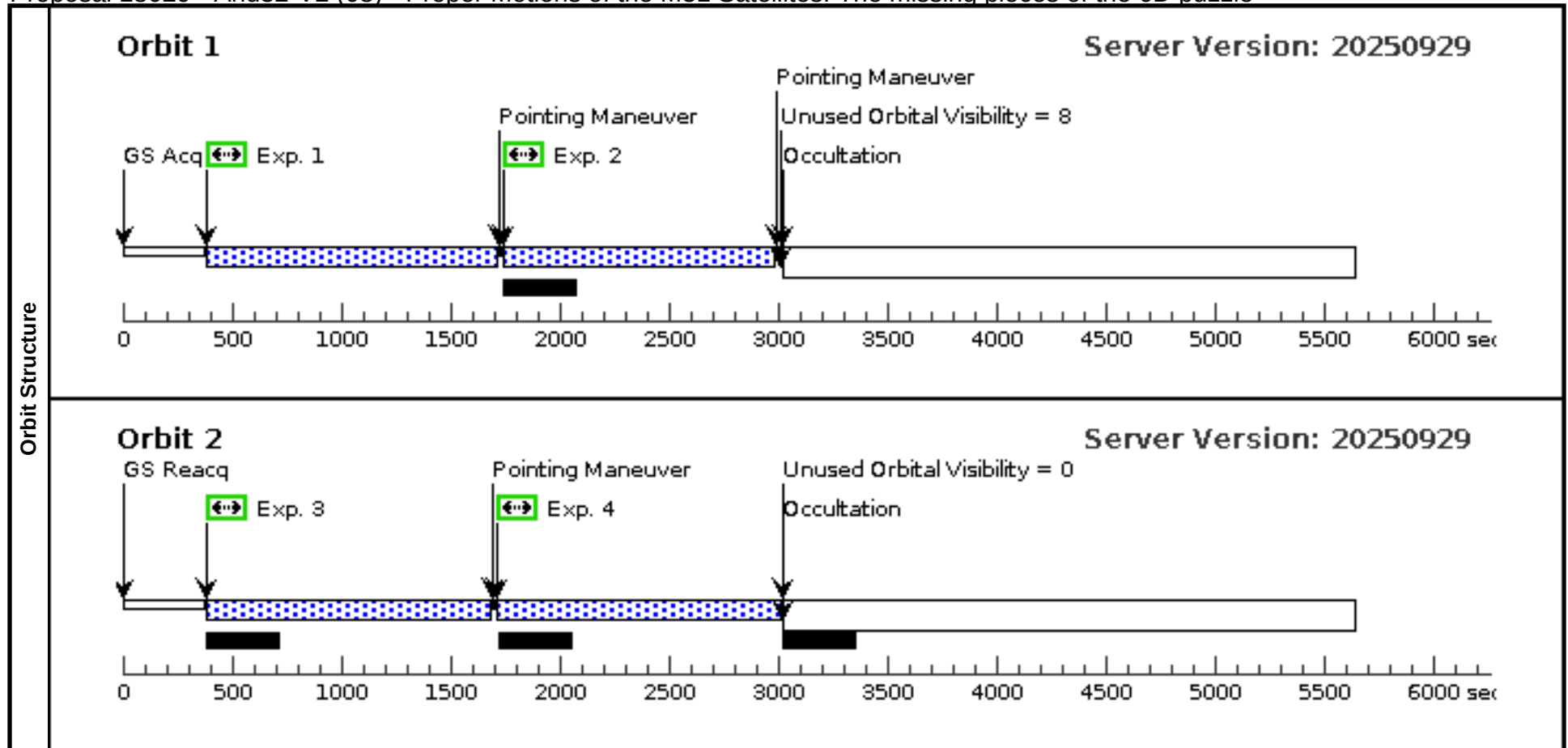
Proposal 18029 - And32-V1 (07) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And32-V1 (07), pi									Wed Dec 03 20:01:00 GMT 2025
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: ACS/WFC									
	Special Requirements: ORIENT 288D TO 248 D; GROUP 07,08,09 WITHIN 30D									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	AND-32	RA: 00 35 56.8010 (8.9866708d)			V=21+/-1		Reference Frame: ICRS		
		Alt Name1: CAS-III	Dec: +51 36 50.51 (51.61403d)							
			Equinox: J2000							
	Comments: Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) AND-32	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0 .0000		1120 Secs (1120 Secs) [==>]	[1]
	2		(3) AND-32	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0 .1850		1120 Secs (1120 Secs) [==>]	[1]
	3		(3) AND-32	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0 .1235		1120 Secs (1165 Secs) [==>1165.0 Secs]	[2]
	4		(3) AND-32	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0 .3305		1120 Secs (1165 Secs) [==>1165.0 Secs]	[2]
	5		(3) AND-32	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5030,0 .0460		1120 Secs (1175 Secs) [==>1175.0 Secs]	[3]
	6		(3) AND-32	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6770,0 .2310		1120 Secs (1175 Secs) [==>1175.0 Secs]	[3]



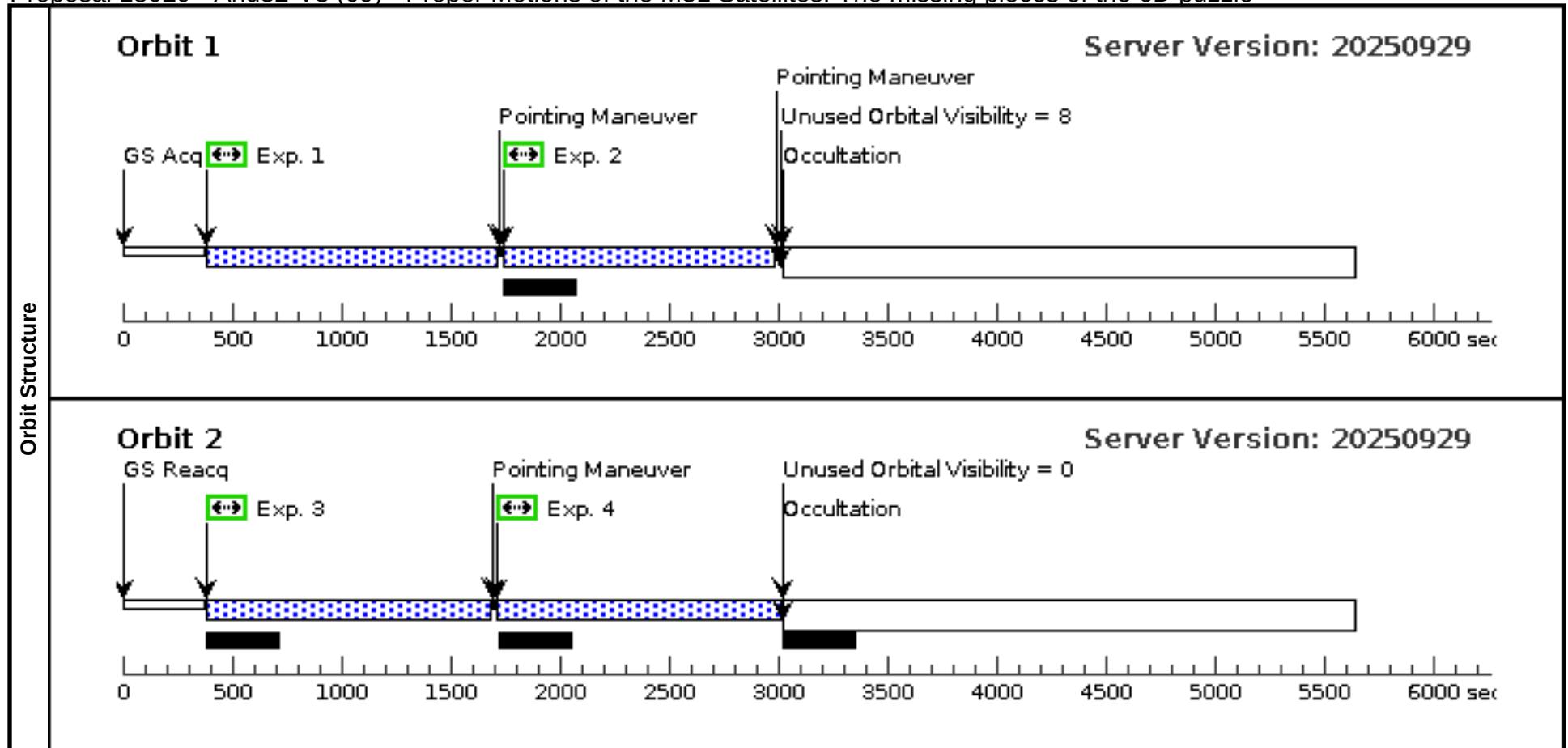
Proposal 18029 - And32-V2 (08) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And32-V2 (08), pi										Wed Dec 03 20:01:00 GMT 2025	
	Diagnostic Status: Informational											
	Scientific Instruments: ACS/WFC											
	Special Requirements: SAME ORIENT AS 07; GROUP 08,07,09 WITHIN 30D											
Diagnostics	(And32-V2 (08)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(3)	AND-32	RA: 00 35 56.8010 (8.9866708d)				V=21+/-1		Reference Frame: ICRS			
		Alt Name1: CAS-III	Dec: +51 36 50.51 (51.61403d)									
			Equinox: J2000									
	Comments: Category=GALAXY Description=[DWARF SPHEROIDAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) AND-32	ACS/WFC, ACCUM, WFC		F814W		POS TARG 0.8262,0 .1695		1120 Secs (1120 Secs)		
										[==>]		[1]
	2		(3) AND-32	ACS/WFC, ACCUM, WFC		F814W		POS TARG 0.6035,0 .3765		1120 Secs (1120 Secs)		
										[==>]		[1]
	3		(3) AND-32	ACS/WFC, ACCUM, WFC		F814W		POS TARG 0.1180,0 .5180		1120 Secs (1175 Secs)		
										[==>1175.0 Secs]		[2]
	4		(3) AND-32	ACS/WFC, ACCUM, WFC		F814W		POS TARG 0.2920,0 .7030		1120 Secs (1175 Secs)		
										[==>1175.0 Secs]		[2]



Proposal 18029 - And32-V3 (09) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And32-V3 (09), pi										Wed Dec 03 20:01:00 GMT 2025	
	Diagnostic Status: Informational											
	Scientific Instruments: ACS/WFC											
	Special Requirements: SAME ORIENT AS 07; GROUP 09,07,08 WITHIN 30D											
Diagnostics	(And32-V3 (09)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(3)	AND-32	RA: 00 35 56.8010 (8.9866708d)				V=21+/-1		Reference Frame: ICRS			
		Alt Name1: CAS-III	Dec: +51 36 50.51 (51.61403d)									
			Equinox: J2000									
	Comments: Category=GALAXY Description=[DWARF SPHEROIDAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(3) AND-32	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.4412,0 .6415		1120 Secs (1120 Secs)			
									[==>]		[1]	
	2		(3) AND-32	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.2185,0 .8485		1120 Secs (1120 Secs)			
									[==>]		[1]	
	3		(3) AND-32	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1000,0 .2000		1120 Secs (1175 Secs)			
									[==>1175.0 Secs]		[2]	
	4		(3) AND-32	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3000,0 .4000		1120 Secs (1175 Secs)			
									[==>1175.0 Secs]		[2]	

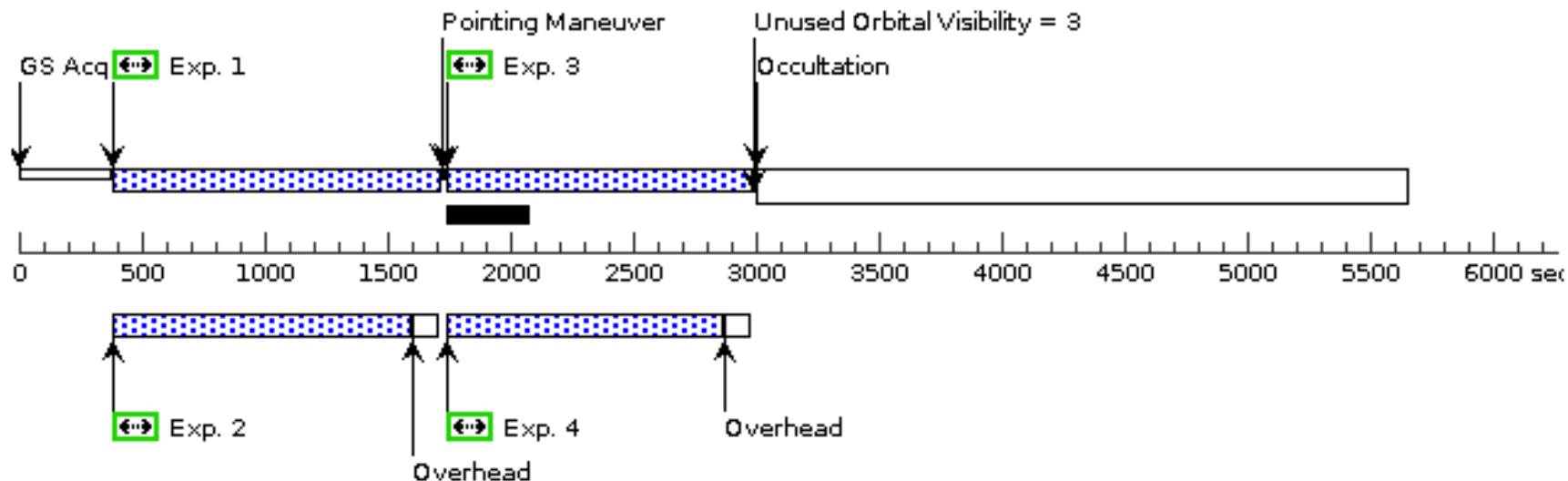


Proposal 18029 - And33-V1 (10) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And33-V1 (10), pi									Wed Dec 03 20:01:00 GMT 2025	
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 208D TO 210 D; GROUP 10,11 WITHIN 30D										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	AND-33	RA: 03 01 23.6000 (45.3483333d) Dec: +40 59 18.00 (40.98833d) Equinox: J2000				V=21+/-1		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DWARF SPHEROIDAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) AND-33	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0.0000	Prime + Parallel Group 1-2 in And33-V1 (10)	1120 Secs (1120 Secs) [==>]		[1]
	2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in And33-V1 (10)	1120 Secs (1180 Secs) [==>1180.0 Secs]		[1]
	3		(6) AND-33	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0654,0.2574	Prime + Parallel Group 3-4 in And33-V1 (10)	1120 Secs (1120 Secs) [==>]		[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in And33-V1 (10)	1120 Secs (1120 Secs) [==>]		[1]
	5		(6) AND-33	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1391,0.1689	Prime + Parallel Group 5-6 in And33-V1 (10)	1120 Secs (1142 Secs) [==>1142.0 Secs]		[2]
	6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in And33-V1 (10)	1120 Secs (1152 Secs) [==>1152.0 Secs]		[2]
	7		(6) AND-33	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1550,0.4225	Prime + Parallel Group 7-8 in And33-V1 (10)	1120 Secs (1142 Secs) [==>1142.0 Secs]		[2]
	8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in And33-V1 (10)	1120 Secs (1152 Secs) [==>1152.0 Secs]		[2]
	9		(6) AND-33	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.2177,0.0857	Prime + Parallel Group 9-10 in And33-V1 (10)	1120 Secs (1162 Secs) [==>1162.0 Secs]		[3]
	10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in And33-V1 (10)	1120 Secs (1172 Secs) [==>1172.0 Secs]		[3]
	11		(6) AND-33	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.2781,0.3427	Prime + Parallel Group 11-12 in And33-V1 (10)	1120 Secs (1162 Secs) [==>1162.0 Secs]		[3]
	12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in And33-V1 (10)	1120 Secs (1172 Secs) [==>1172.0 Secs]		[3]

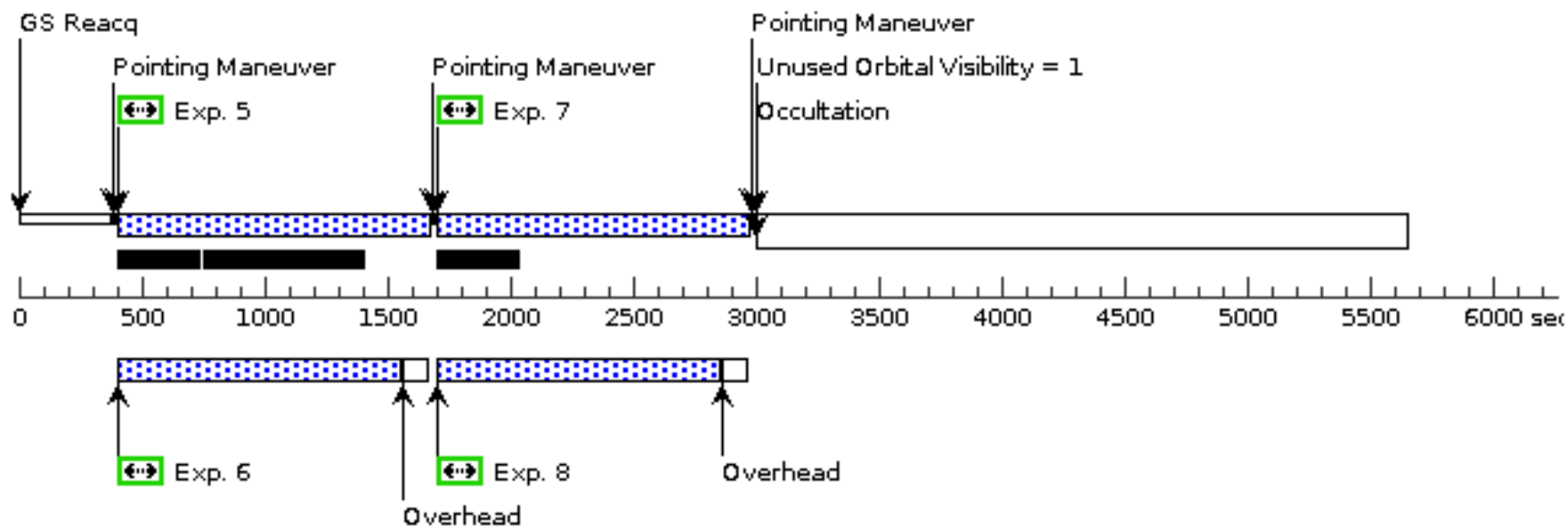
Orbit 1

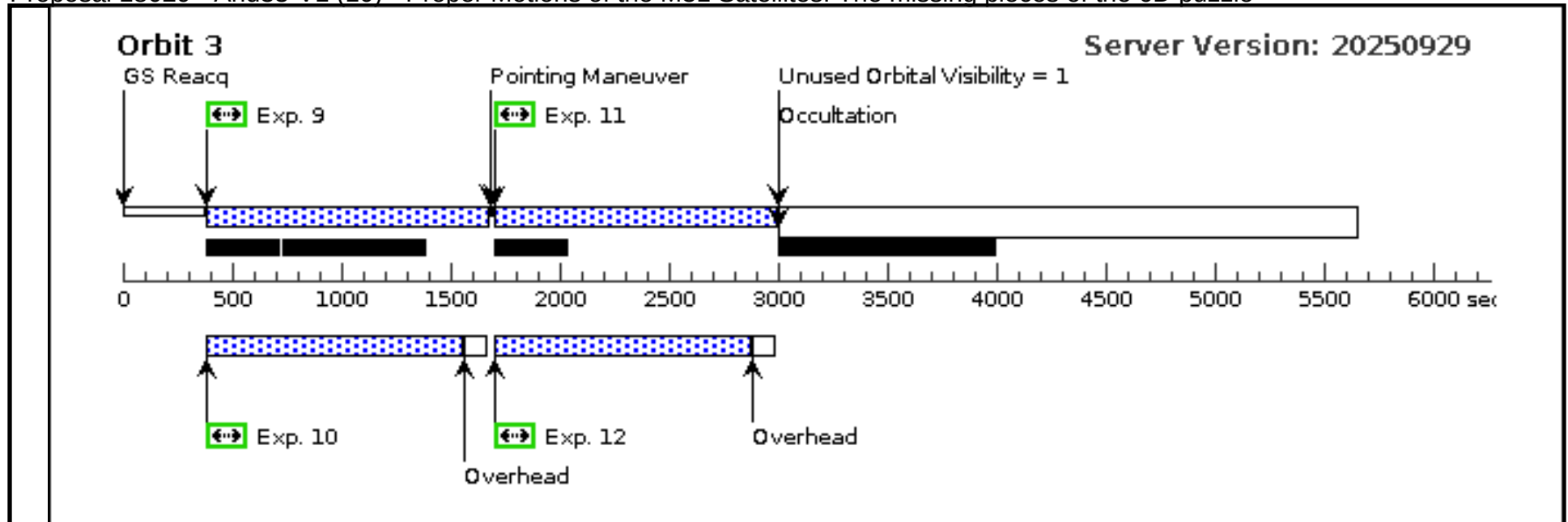
Server Version: 20250929



Orbit 2

Server Version: 20250929



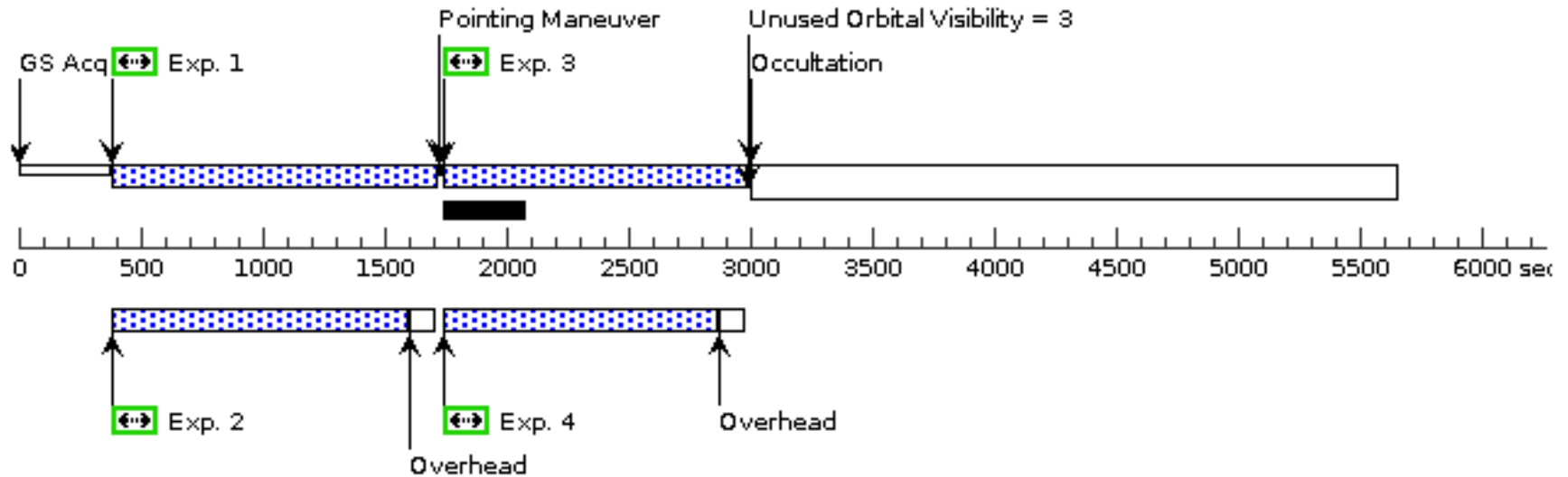


Proposal 18029 - And33-V2 (11) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, And33-V2 (11), pi								Wed Dec 03 20:01:00 GMT 2025	
	Diagnostic Status: Informational									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SAME ORIENT AS 10; GROUP 11,10 WITHIN 30D									
Diagnostics	(And33-V2 (11)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	AND-33	RA: 03 01 23.6000 (45.3483333d) Dec: +40 59 18.00 (40.98833d) Equinox: J2000			V=21+/-1		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) AND-33	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3414,0 .1544	Prime + Parallel Group 1-2 in And33-V2 (11)	1120 Secs (1120 Secs) [==>]	[1]
	2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in And33-V2 (11)	1120 Secs (1180 Secs) [==>1180.0 Secs]	[1]
	3		(6) AND-33	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3567,0 .2595	Prime + Parallel Group 3-4 in And33-V2 (11)	1120 Secs (1120 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in And33-V2 (11)	1120 Secs (1120 Secs) [==>]	[1]
	5		(6) AND-33	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.4216,0 .4178	Prime + Parallel Group 5-6 in And33-V2 (11)	1120 Secs (1152 Secs) [==>1152.0 Secs]	[2]
	6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in And33-V2 (11)	1120 Secs (1162 Secs) [==>1162.0 Secs]	[2]
	7		(6) AND-33	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.4802,0 .2787	Prime + Parallel Group 7-8 in And33-V2 (11)	1120 Secs (1152 Secs) [==>1152.0 Secs]	[2]
	8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in And33-V2 (11)	1120 Secs (1162 Secs) [==>1162.0 Secs]	[2]

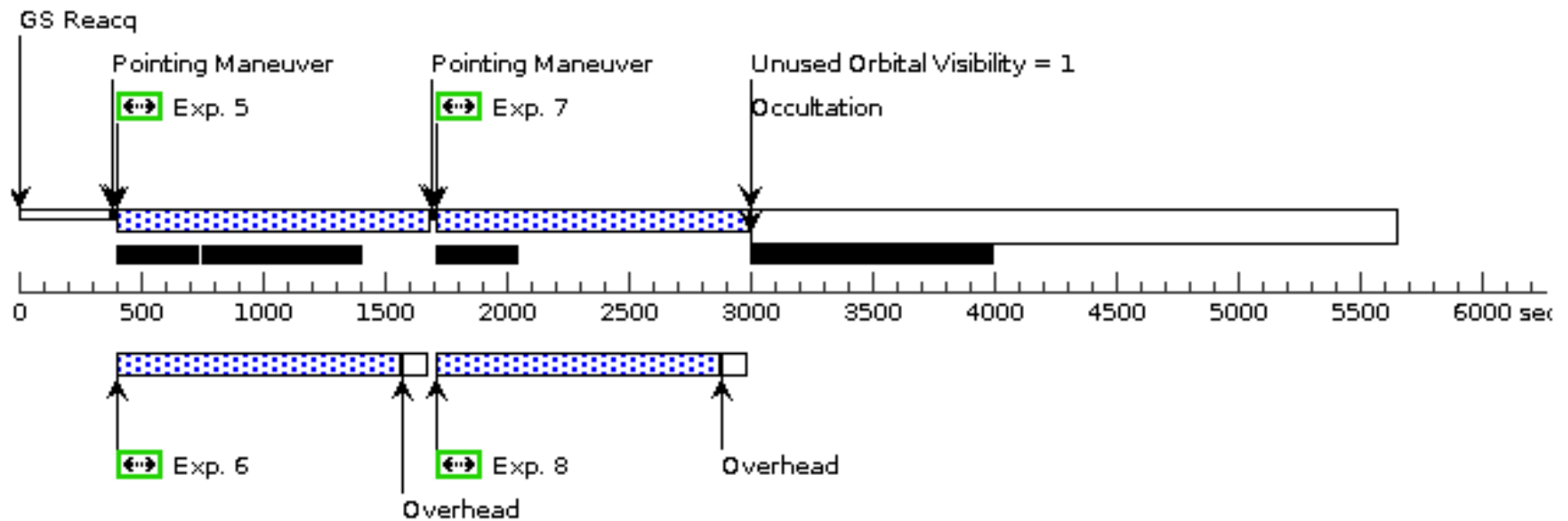
Orbit 1

Server Version: 20250929



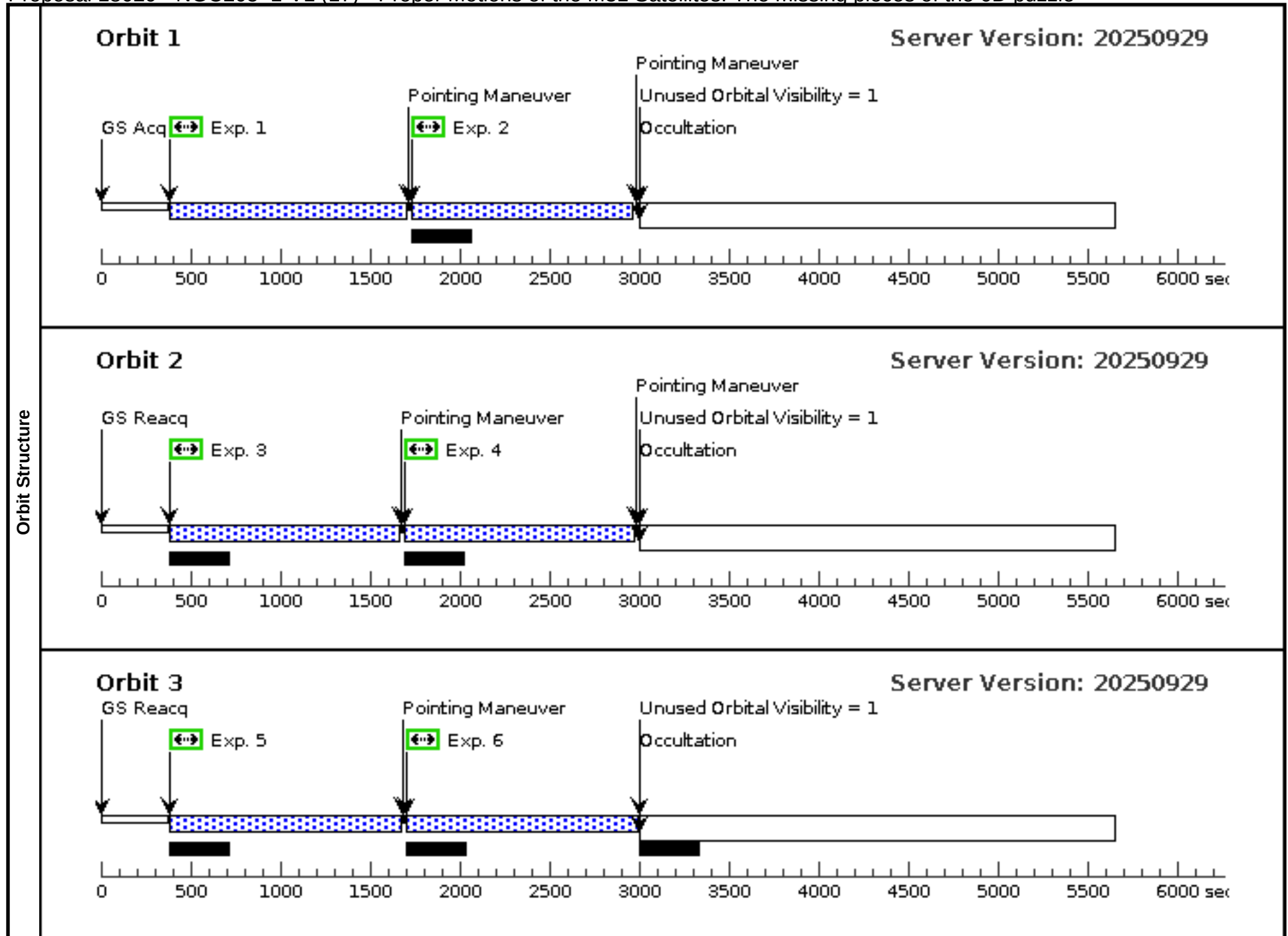
Orbit 2

Server Version: 20250929



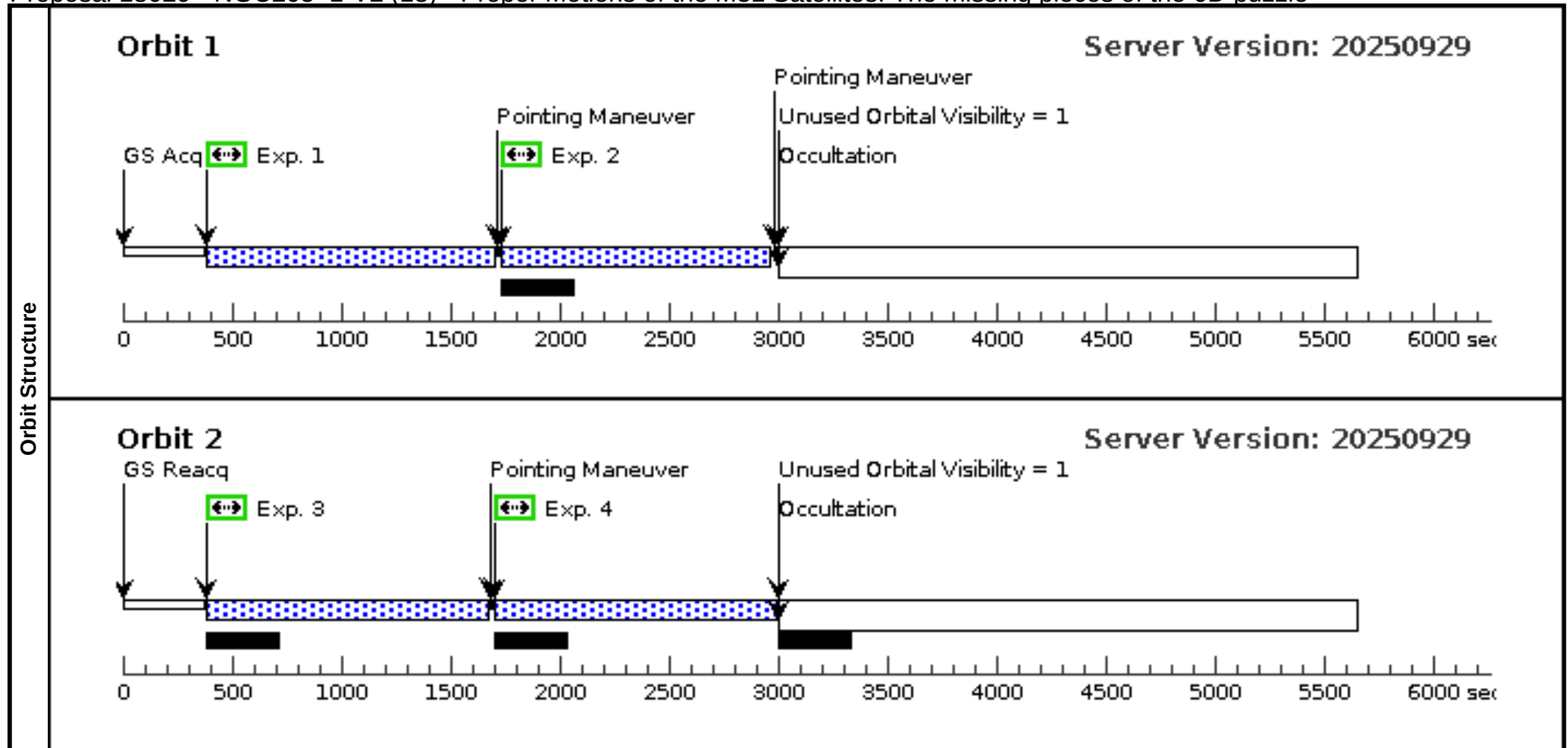
Proposal 18029 - NGC205 1-V1 (17) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, NGC205_1-V1 (17), pi										Wed Dec 03 20:01:00 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/WFC											
	Special Requirements: ORIENT 3D TO 303 D; GROUP 17,18 WITHIN 30D											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC205	RA: 00 40 17.8591 (10.0744129d)					V=22+/-1		Reference Frame: ICRS		
			Dec: +41 44 50.27 (41.74730d)									
			Equinox: J2000									
	Comments: Category=GALAXY Description=[DWARF ELLIPTICAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) NGC205	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0,0		1100 Secs (1111 Secs)		
										[==>1111.0 Secs]		[1]
	2		(1) NGC205	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.0654,0 .2574		1100 Secs (1111 Secs)		
										[==>1111.0 Secs]		[1]
	3		(1) NGC205	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.1391,0 .1689		1100 Secs (1152 Secs)		
										[==>1152.0 Secs]		[2]
	4		(1) NGC205	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.1550,0 .4225		1100 Secs (1152 Secs)		
										[==>1152.0 Secs]		[2]
	5		(1) NGC205	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.2177,0 .0857		1100 Secs (1162 Secs)		
									[==>1162.0 Secs]		[3]	
6		(1) NGC205	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.2781,0 .3427		1100 Secs (1162 Secs)			
									[==>1162.0 Secs]		[3]	



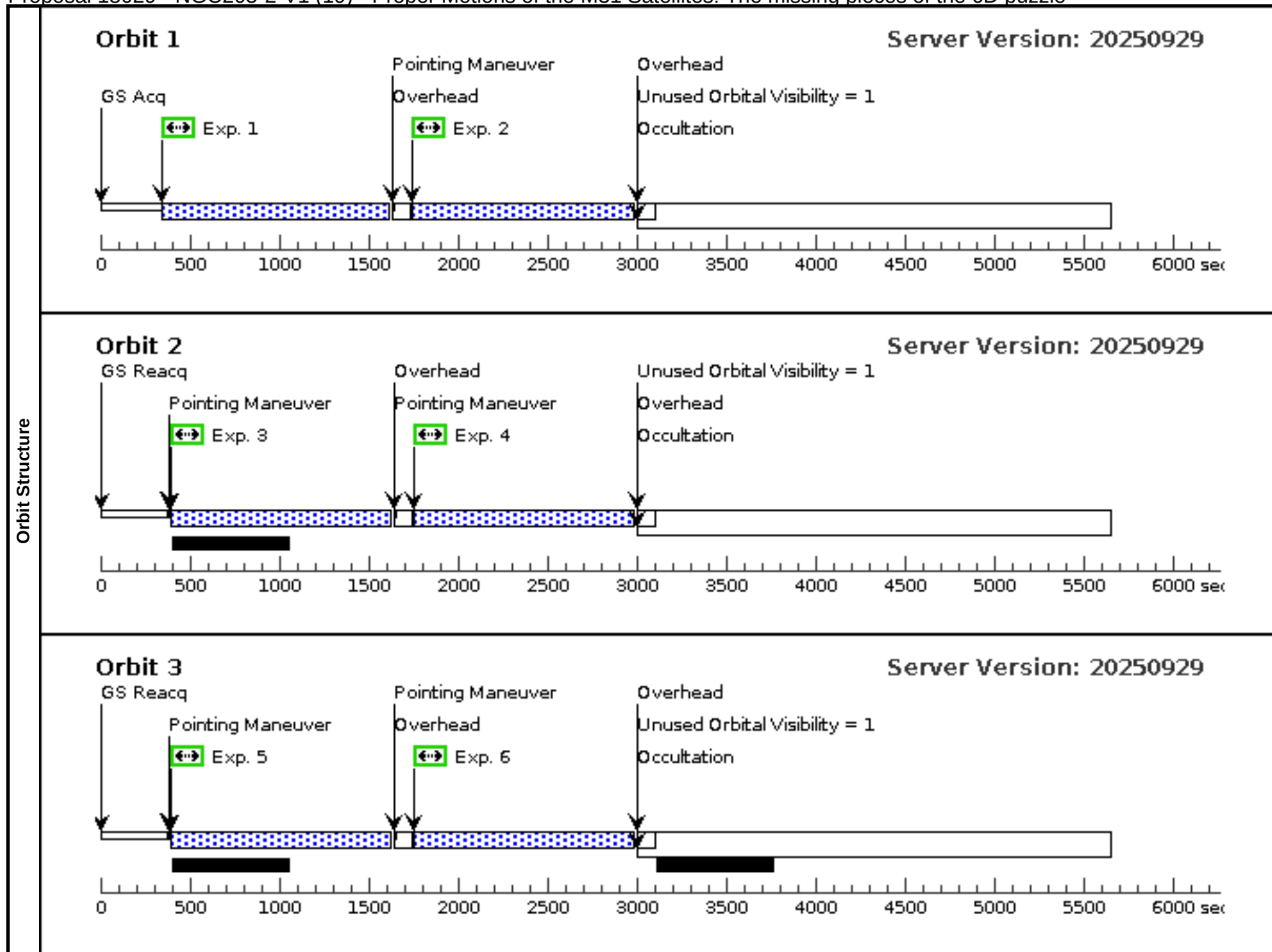
Proposal 18029 - NGC205 1-V2 (18) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, NGC205_1-V2 (18), pi										Wed Dec 03 20:01:00 GMT 2025			
	Diagnostic Status: Informational													
	Scientific Instruments: ACS/WFC													
	Special Requirements: SAME ORIENT AS 17; GROUP 18,17 WITHIN 30D													
Diagnostics	(NGC205_1-V2 (18)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC205	RA: 00 40 17.8591 (10.0744129d) Dec: +41 44 50.27 (41.74730d) Equinox: J2000						V=22+/-1		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[DWARF ELLIPTICAL]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.		Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(1) NGC205	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.3414,0 .1544			1100 Secs (1111 Secs)			
											[==>1111.0 Secs]		[1]	
	2		(1) NGC205	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.3567,0 .2595			1100 Secs (1111 Secs)			
											[==>1111.0 Secs]		[1]	
	3		(1) NGC205	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.4216,0 .4178			1100 Secs (1162 Secs)			
											[==>1162.0 Secs]		[2]	
	4		(1) NGC205	ACS/WFC, ACCUM, WFCENTER		F814W		POS TARG 0.4802,0 .2787			1100 Secs (1162 Secs)			
											[==>1162.0 Secs]		[2]	



Proposal 18029 - NGC205-2-V1 (19) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, NGC205-2-V1 (19), pi								Wed Dec 03 20:01:00 GMT 2025	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: ORIENT 3D TO 303 D; GROUP 19,20 WITHIN 30D									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(10)	NGC205-2	RA: 00 40 7.3067 (10.0304446d) Dec: +41 39 3.87 (41.65107d) Equinox: J2000			V=22+/-1		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DWARF ELLIPTICAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) NGC205-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 0,0		1100 Secs (1242 Secs) [==>1242.0 Secs]	 [1]
	2		(10) NGC205-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 0.0523,0 .2059		1100 Secs (1242 Secs) [==>1242.0 Secs]	 [1]
	3		(10) NGC205-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 0.1113,0 .1351		1100 Secs (1232 Secs) [==>1232.0 Secs]	 [2]
	4		(10) NGC205-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 0.1240,0 .3380		1100 Secs (1232 Secs) [==>1232.0 Secs]	 [2]
	5		(10) NGC205-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 0.1742,0 .0685		1100 Secs (1232 Secs) [==>1232.0 Secs]	 [3]
	6		(10) NGC205-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 0.2225,0 .2742		1100 Secs (1232 Secs) [==>1232.0 Secs]	 [3]



Proposal 18029 - NGC205-2-V1 (20) - Proper Motions of the M31 Satellites: The missing pieces of the 6D puzzle

Visit	Proposal 18029, NGC205-2-V1 (20), pi										Wed Dec 03 20:01:00 GMT 2025	
	Diagnostic Status: Informational											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SAME ORIENT AS 19; GROUP 20,19 WITHIN 30D											
Diagnos	(NGC205-2-V1 (20)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(10)	NGC205-2	RA: 00 40 7.3067 (10.0304446d)				V=22+/-1		Reference Frame: ICRS			
			Dec: +41 39 3.87 (41.65107d)									
			Equinox: J2000									
	Comments: Category=GALAXY Description=[DWARF ELLIPTICAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(10) NGC205-2	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W		POS TARG 0.2731,0 .1235		1100 Secs (1242 Secs)		
										[==>1242.0 Secs]		[1]
	2		(10) NGC205-2	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W		POS TARG 0.2854,0 .2076		1100 Secs (1242 Secs)		
										[==>1242.0 Secs]		[1]
	3		(10) NGC205-2	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W		POS TARG 0.3373,0 .3342		1100 Secs (1232 Secs)		
										[==>1232.0 Secs]		[2]
	4		(10) NGC205-2	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W		POS TARG 0.3842,0 .2230		1100 Secs (1232 Secs)		
									[==>1232.0 Secs]		[2]	

