



18345 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Cycle: 34, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) SAUSAGENORTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:18.0	yes
54	(1) SAUSAGENORTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:18.0	yes
55	(1) SAUSAGENORTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:19.0	yes
56	(1) SAUSAGENORTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:20.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
57	(1) SAUSAGENORTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:20.0	yes
58	(1) SAUSAGENORTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:21.0	yes
59	(1) SAUSAGENORTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:22.0	yes
60	(1) SAUSAGENORTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:23.0	yes
61	(1) SAUSAGENORTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:23.0	yes
62	(1) SAUSAGENORTH (8) SAUSAUGESOUTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:24.0	yes
63	(1) SAUSAGENORTH (8) SAUSAUGESOUTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:25.0	yes
64	(1) SAUSAGENORTH (8) SAUSAUGESOUTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:26.0	yes
65	(1) SAUSAGENORTH (8) SAUSAUGESOUTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:26.0	yes
66	(1) SAUSAGENORTH (8) SAUSAUGESOUTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:27.0	yes
67	(1) SAUSAGENORTH (8) SAUSAUGESOUTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:28.0	yes
68	(1) SAUSAGENORTH (8) SAUSAUGESOUTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:28.0	yes
69	(1) SAUSAGENORTH (8) SAUSAUGESOUTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:29.0	yes
70	(1) SAUSAGENORTH (8) SAUSAUGESOUTH	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:30.0	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>
19	(7) P1	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:30.0	yes
20	(2) P2 (7) P1	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:31.0	yes
21	(6) P3 (7) P1	ACS/WFC WFC3/IR	1	12-Aug-2026 12:00:32.0	yes

21 Total Orbits Used

ABSTRACT

Merging galaxy clusters are ideal laboratories for studying high-energy astrophysics and the nature of dark matter. The Sausage cluster (CIZA J2242.8+5301, $z = 0.19$) has garnered significant attention because of its rich set of merger signatures, including a 2 Mpc radio relic that traces a bow shock remarkably well and a large separation between the intracluster gas and dark matter. Each of these features provides critical information for selecting analogs from cosmological simulations, and their presence in the Sausage cluster makes it an ideal candidate for constraining dark matter. The key missing ingredient is a high-precision measurement of the dark matter distribution, which has been hampered by the cluster's location near the Galactic plane. We propose 21 orbits of HST observations with ACS/F814W and WFC3/F160W to mitigate the effects of Galactic foregrounds and enable optical/IR studies of the cluster. With these observations, we will perform a high-fidelity weak-lensing analysis that will eclipse previous ground-based efforts. The resulting high-precision mass map will greatly improve our understanding of the subclusters in this system, a critical step in identifying analogs in simulations. We will then use precise lensing constraints on the dark matter distribution to constrain the SIDM cross section by comparison with cosmological SIDM simulations spanning the expected mass range of the Sausage cluster and incorporating robust shock modeling.

OBSERVING DESCRIPTION

The program has been granted 21 orbits of WFC3/IR and ACS in parallel. The goal is to efficiently cover the massive components of the Sausage cluster.

We have designed an observing program that maximizes the coverage of the Sausage cluster.

We have chosen to use the WFC3/IR instrument as the primary with the ACS as secondary. This choice allows us to design contiguous mosaics with

WFC3/IR that have ACS parallels that are also contiguous.

A 3x3 mosaic pointed at the northern subcluster.

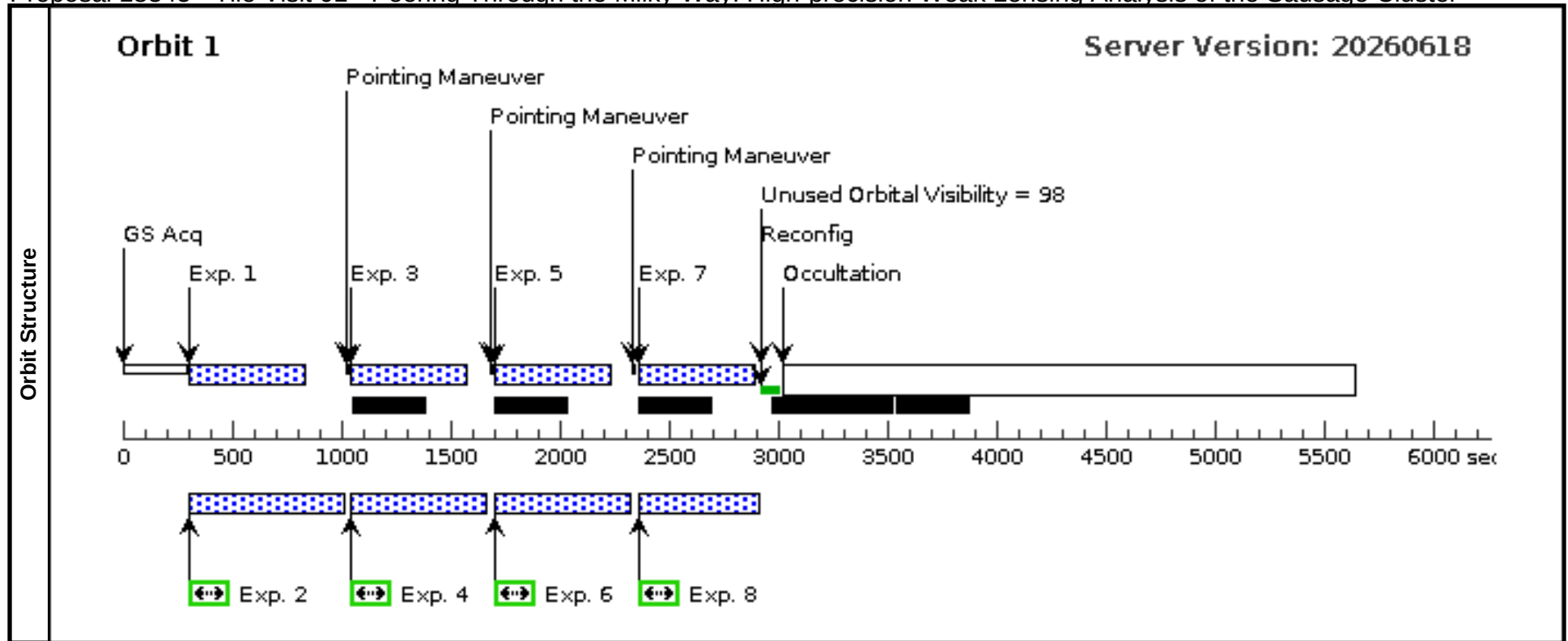
A 3x3 mosaic pointed at the southern subcluster.

3 pointings used to increase the depth areas of interest.

In all cases, these pointings require restrictions on the position angle of the observatory.

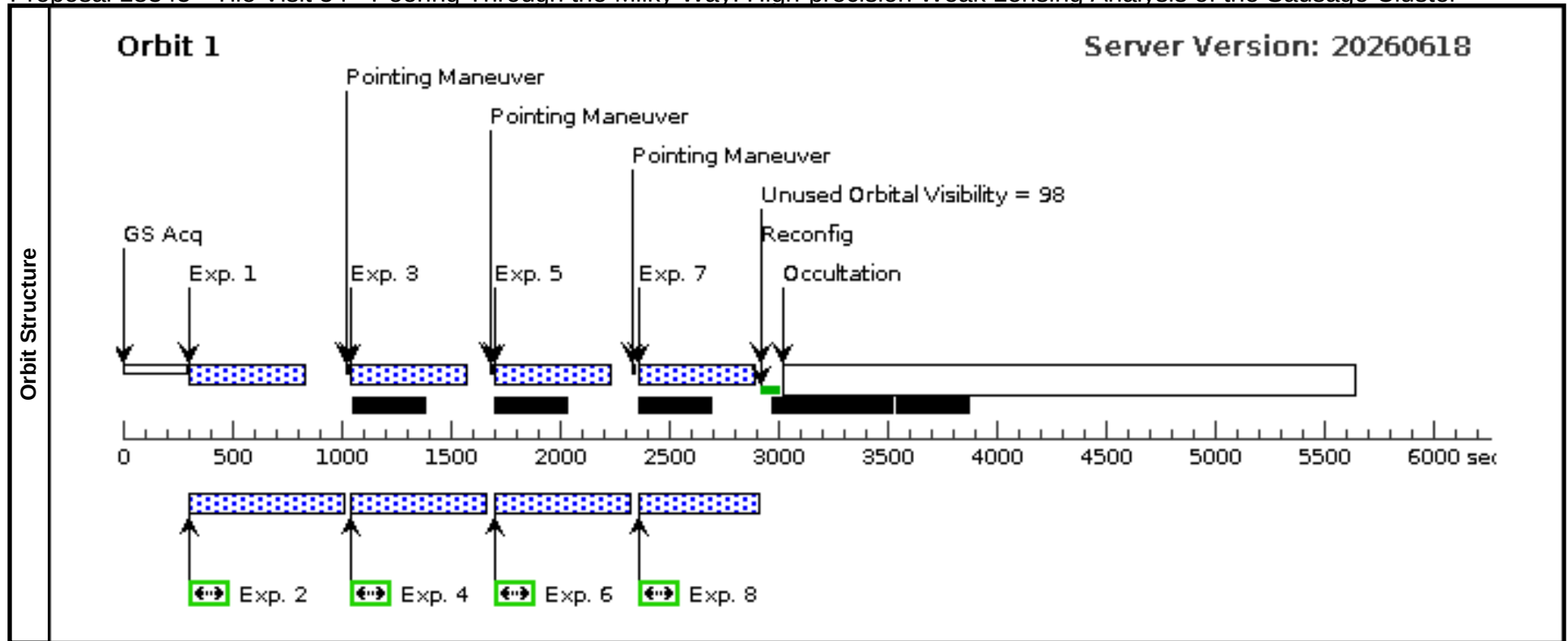
Proposal 18345 - Tile Visit 01 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 01										Wed Aug 12 16:00:32 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, ACS/WFC													
	Special Requirements: ORIENT 353D TO 354 D													
Diagnostics	(Tile Visit 01) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 01) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 01) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000	Epoch of Position: 2000	V=20	Reference Frame: SIMBAD								
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
	Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]													
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit			
	1		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,-110. 9159999999994	Prime + Parallel Gro up 1-2 in Tile Visit 0 1	502.933906 Secs (502.934 Secs) [==>]		[1]			
	2		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Tile Visit 0 1	500 Secs (500 Secs) [==>]		[1]			
	3		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,-110.9159999999 9994	Prime + Parallel Gro up 3-4 in Tile Visit 0 1	502.933906 Secs (502.934 Secs) [==>]		[1]			
	4		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Tile Visit 0 1	500 Secs (500 Secs) [==>]		[1]			
	5		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,-109.6444499999 9994	Prime + Parallel Gro up 5-6 in Tile Visit 0 1	502.933906 Secs (502.934 Secs) [==>]		[1]			
	6		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 5-6 in Tile Visit 0 1	500 Secs (500 Secs) [==>]		[1]			
	7		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,-109. 6444499999994	Prime + Parallel Gro up 7-8 in Tile Visit 0 1	502.933906 Secs (502.934 Secs) [==>]		[1]			
	8		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 7-8 in Tile Visit 0 1	430 Secs (430 Secs) [==>]		[1]			



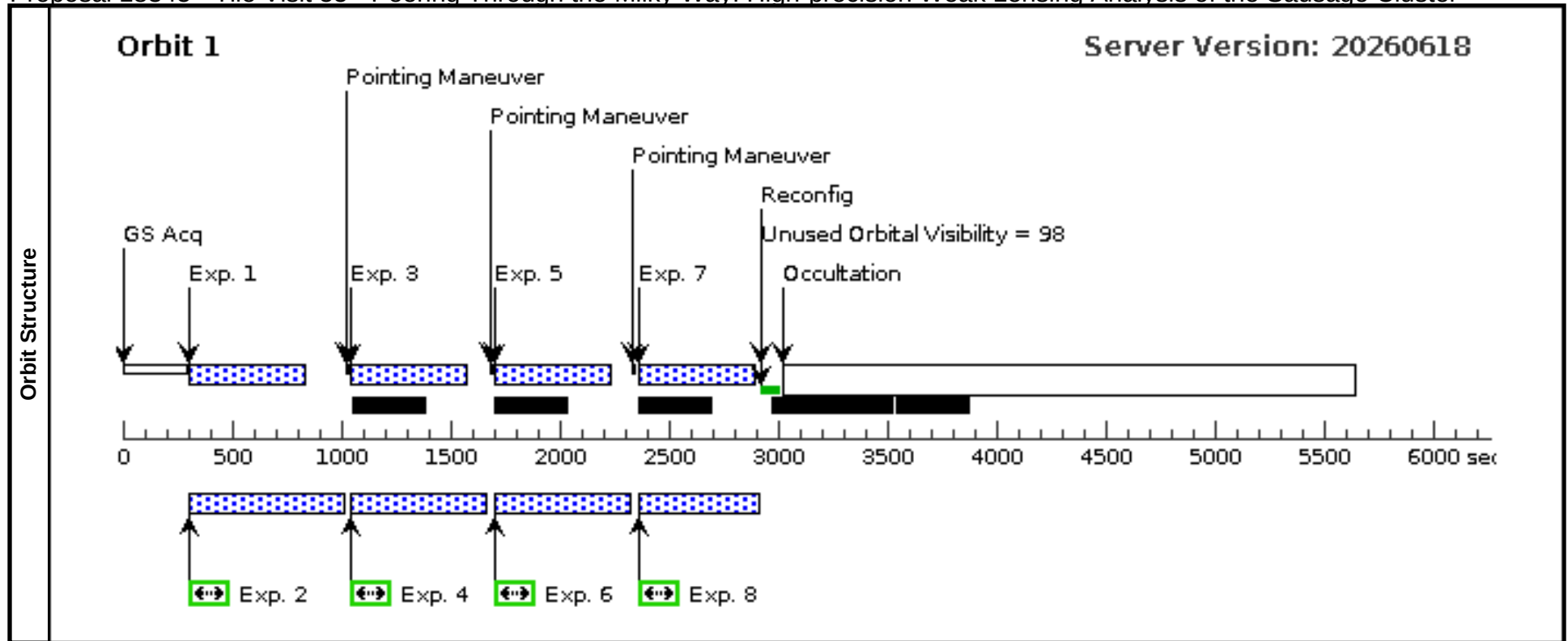
Proposal 18345 - Tile Visit 54 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 54										Wed Aug 12 16:00:33 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR, ACS/WFC										
	Special Requirements: SAME ORIENT AS 01										
Diagnostics	(Tile Visit 54) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
	(Tile Visit 54) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
	(Tile Visit 54) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000	Epoch of Position: 2000			V=20		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,-110 .91599999999994	Prime + Parallel Gro up 1-2 in Tile Visit 5 4	502.933906 Secs (502.934 Secs) [==>]		[1]
	2		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Tile Visit 5 4	500 Secs (500 Secs) [==>]		[1]
	3		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, -110.9159999999999	Prime + Parallel Gro up 3-4 in Tile Visit 5 4	502.933906 Secs (502.934 Secs) [==>]		[1]
	4		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Tile Visit 5 4	500 Secs (500 Secs) [==>]		[1]
	5		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, -109.6444499999999	Prime + Parallel Gro up 5-6 in Tile Visit 5 4	502.933906 Secs (502.934 Secs) [==>]		[1]
	6		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 5-6 in Tile Visit 5 4	500 Secs (500 Secs) [==>]		[1]
	7		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,-109 .64444999999994	Prime + Parallel Gro up 7-8 in Tile Visit 5 4	502.933906 Secs (502.934 Secs) [==>]		[1]
	8		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 7-8 in Tile Visit 5 4	430 Secs (430 Secs) [==>]		[1]



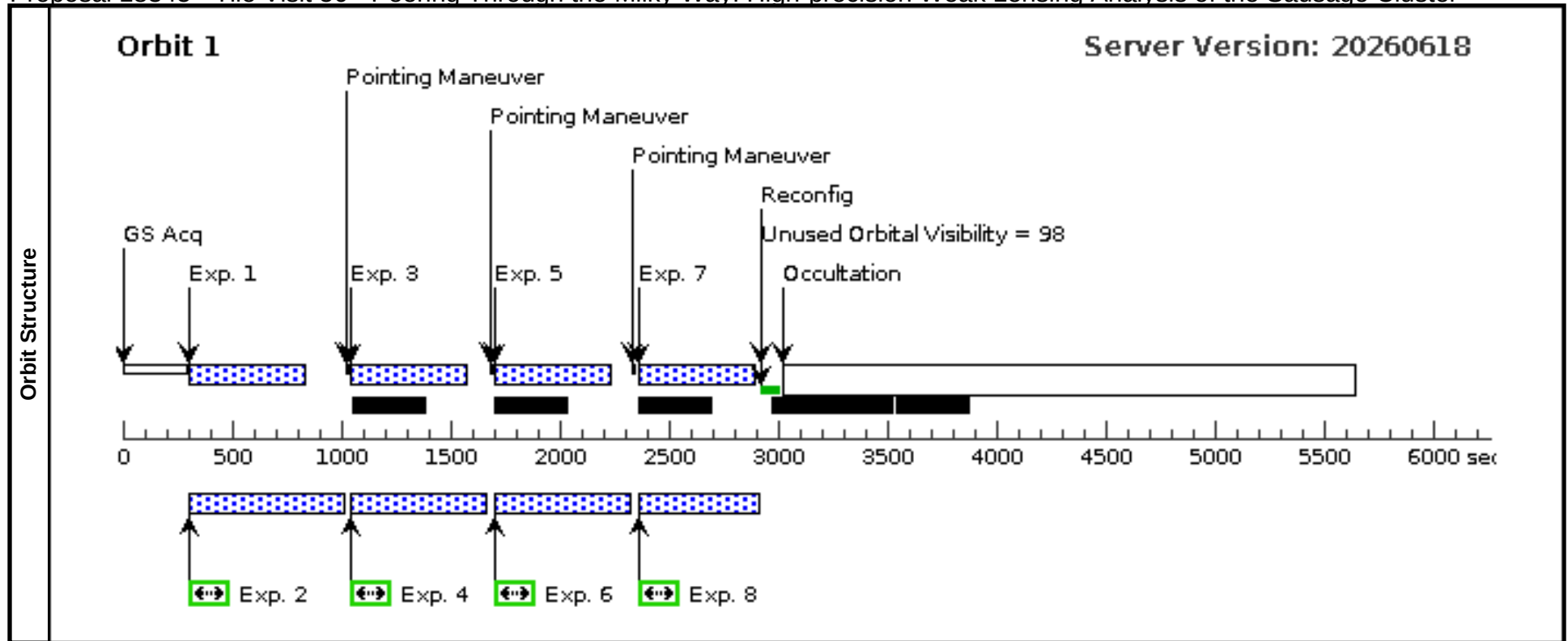
Proposal 18345 - Tile Visit 55 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 55										Wed Aug 12 16:00:33 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, ACS/WFC													
	Special Requirements: SAME ORIENT AS 01													
Diagnostics	(Tile Visit 55) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 55) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 55) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous					
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000	Epoch of Position: 2000			V=20		Reference Frame: SIMBAD					
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
	Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]													
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit			
	1		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,-110.9 1599999999994	Prime + Parallel Gro up 1-2 in Tile Visit 5 5	502.933906 Secs (502.934 Secs) [==>]		[1]			
	2		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Tile Visit 5 5	500 Secs (500 Secs) [==>]		[1]			
	3		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,-110.9 1599999999994	Prime + Parallel Gro up 3-4 in Tile Visit 5 5	502.933906 Secs (502.934 Secs) [==>]		[1]			
	4		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Tile Visit 5 5	500 Secs (500 Secs) [==>]		[1]			
	5		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,-109.6 4444999999994	Prime + Parallel Gro up 5-6 in Tile Visit 5 5	502.933906 Secs (502.934 Secs) [==>]		[1]			
	6		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 5-6 in Tile Visit 5 5	500 Secs (500 Secs) [==>]		[1]			
	7		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,-109.6 4444999999994	Prime + Parallel Gro up 7-8 in Tile Visit 5 5	502.933906 Secs (502.934 Secs) [==>]		[1]			
	8		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 7-8 in Tile Visit 5 5	430 Secs (430 Secs) [==>]		[1]			



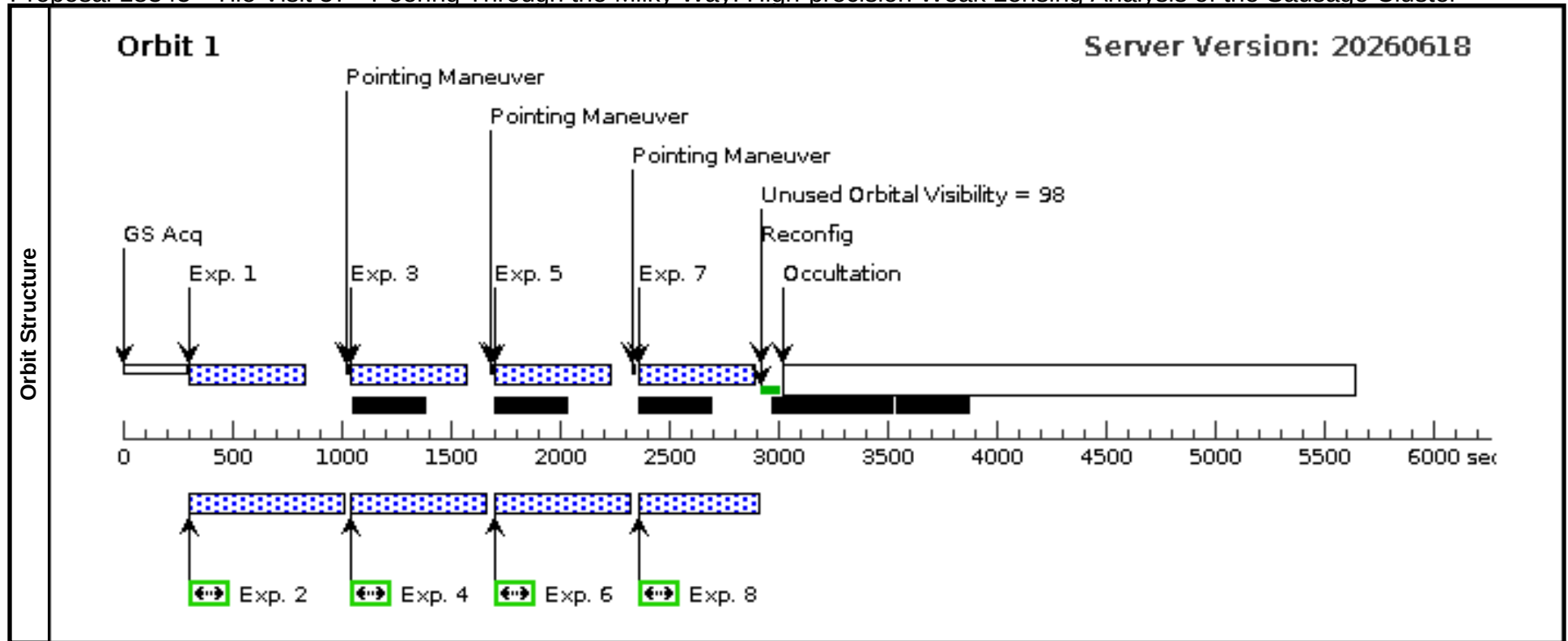
Proposal 18345 - Tile Visit 56 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 56										Wed Aug 12 16:00:33 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, ACS/WFC													
	Special Requirements: SAME ORIENT AS 01													
Diagnostics	(Tile Visit 56) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 56) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 56) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous					
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000	Epoch of Position: 2000			V=20		Reference Frame: SIMBAD					
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
	Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]													
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit			
	1		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,0.0	Prime + Parallel Gro up 1-2 in Tile Visit 5 6	502.933906 Secs (502.934 Secs) [==>]		[1]			
	2		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Tile Visit 5 6	500 Secs (500 Secs) [==>]		[1]			
	3		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,0.0	Prime + Parallel Gro up 3-4 in Tile Visit 5 6	502.933906 Secs (502.934 Secs) [==>]		[1]			
	4		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Tile Visit 5 6	500 Secs (500 Secs) [==>]		[1]			
	5		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,1.27155	Prime + Parallel Gro up 5-6 in Tile Visit 5 6	502.933906 Secs (502.934 Secs) [==>]		[1]			
	6		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 5-6 in Tile Visit 5 6	500 Secs (500 Secs) [==>]		[1]			
	7		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,1.271 55	Prime + Parallel Gro up 7-8 in Tile Visit 5 6	502.933906 Secs (502.934 Secs) [==>]		[1]			
	8		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 7-8 in Tile Visit 5 6	430 Secs (430 Secs) [==>]		[1]			



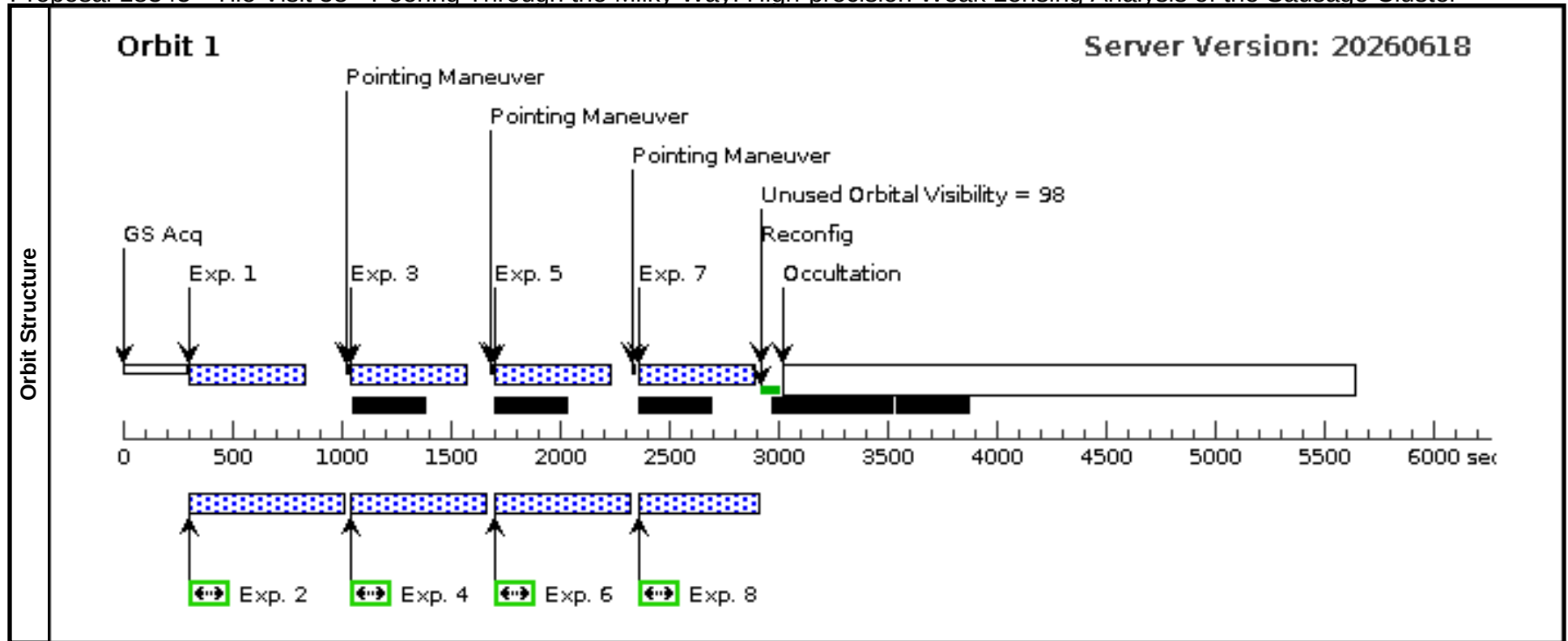
Proposal 18345 - Tile Visit 57 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 57										Wed Aug 12 16:00:33 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, ACS/WFC													
	Special Requirements: SAME ORIENT AS 01													
Diagnostics	(Tile Visit 57) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 57) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 57) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous					
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000	Epoch of Position: 2000			V=20		Reference Frame: SIMBAD					
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
	Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]													
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit			
	1		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Prime + Parallel Gro up 1-2 in Tile Visit 5 7	502.933906 Secs (502.934 Secs) [==>]		[1]			
	2		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Tile Visit 5 7	500 Secs (500 Secs) [==>]		[1]			
	3		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, 0.0	Prime + Parallel Gro up 3-4 in Tile Visit 5 7	502.933906 Secs (502.934 Secs) [==>]		[1]			
	4		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Tile Visit 5 7	500 Secs (500 Secs) [==>]		[1]			
	5		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, 1.27155	Prime + Parallel Gro up 5-6 in Tile Visit 5 7	502.933906 Secs (502.934 Secs) [==>]		[1]			
	6		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 5-6 in Tile Visit 5 7	500 Secs (500 Secs) [==>]		[1]			
	7		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,1.27 155	Prime + Parallel Gro up 7-8 in Tile Visit 5 7	502.933906 Secs (502.934 Secs) [==>]		[1]			
	8		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 7-8 in Tile Visit 5 7	430 Secs (430 Secs) [==>]		[1]			



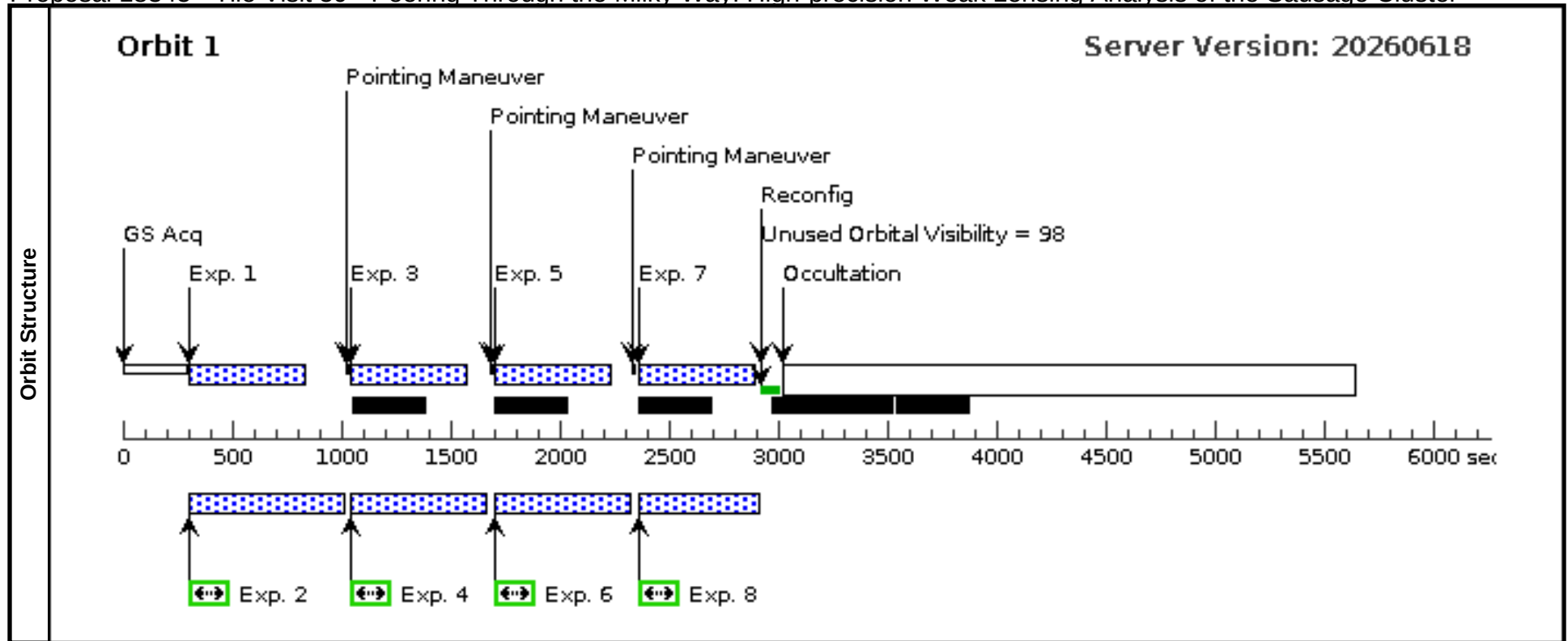
Proposal 18345 - Tile Visit 58 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 58										Wed Aug 12 16:00:33 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, ACS/WFC													
	Special Requirements: SAME ORIENT AS 01													
Diagnostics	(Tile Visit 58) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 58) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 58) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000			Epoch of Position: 2000		V=20		Reference Frame: SIMBAD				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
	Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.		Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,0.0		Prime + Parallel Group 1-2 in Tile Visit 58	502.933906 Secs (502.934 Secs) [==>]		[1]	
	2		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC		F814W				Prime + Parallel Group 1-2 in Tile Visit 58	500 Secs (500 Secs) [==>]		[1]	
	3		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,0.0		Prime + Parallel Group 3-4 in Tile Visit 58	502.933906 Secs (502.934 Secs) [==>]		[1]	
	4		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC		F814W				Prime + Parallel Group 3-4 in Tile Visit 58	500 Secs (500 Secs) [==>]		[1]	
	5		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,1.27155		Prime + Parallel Group 5-6 in Tile Visit 58	502.933906 Secs (502.934 Secs) [==>]		[1]	
	6		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC		F814W				Prime + Parallel Group 5-6 in Tile Visit 58	500 Secs (500 Secs) [==>]		[1]	
	7		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,1.27155		Prime + Parallel Group 7-8 in Tile Visit 58	502.933906 Secs (502.934 Secs) [==>]		[1]	
	8		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC		F814W				Prime + Parallel Group 7-8 in Tile Visit 58	430 Secs (430 Secs) [==>]		[1]	



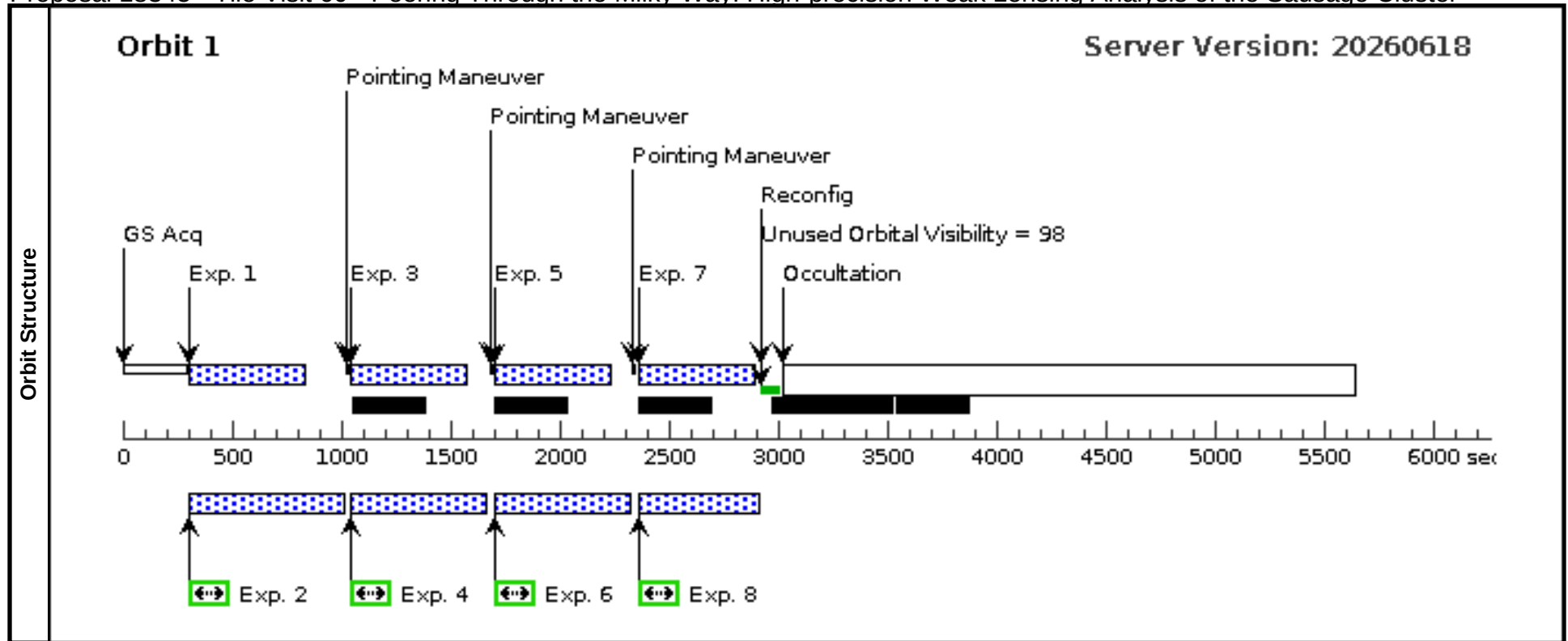
Proposal 18345 - Tile Visit 59 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 59										Wed Aug 12 16:00:33 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR, ACS/WFC										
	Special Requirements: SAME ORIENT AS 01										
Diagnostics	(Tile Visit 59) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
	(Tile Visit 59) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
	(Tile Visit 59) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000	Epoch of Position: 2000			V=20		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,110.9 1599999999994	Prime + Parallel Gro up 1-2 in Tile Visit 5 9	502.933906 Secs (502.934 Secs) [==>]		[1]
	2		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Tile Visit 5 9	500 Secs (500 Secs) [==>]		[1]
	3		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,110.91599999999 994	Prime + Parallel Gro up 3-4 in Tile Visit 5 9	502.933906 Secs (502.934 Secs) [==>]		[1]
	4		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Tile Visit 5 9	500 Secs (500 Secs) [==>]		[1]
	5		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,112.18754999999 994	Prime + Parallel Gro up 5-6 in Tile Visit 5 9	502.933906 Secs (502.934 Secs) [==>]		[1]
	6		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 5-6 in Tile Visit 5 9	500 Secs (500 Secs) [==>]		[1]
	7		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,112.1 8754999999994	Prime + Parallel Gro up 7-8 in Tile Visit 5 9	502.933906 Secs (502.934 Secs) [==>]		[1]
	8		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 7-8 in Tile Visit 5 9	430 Secs (430 Secs) [==>]		[1]



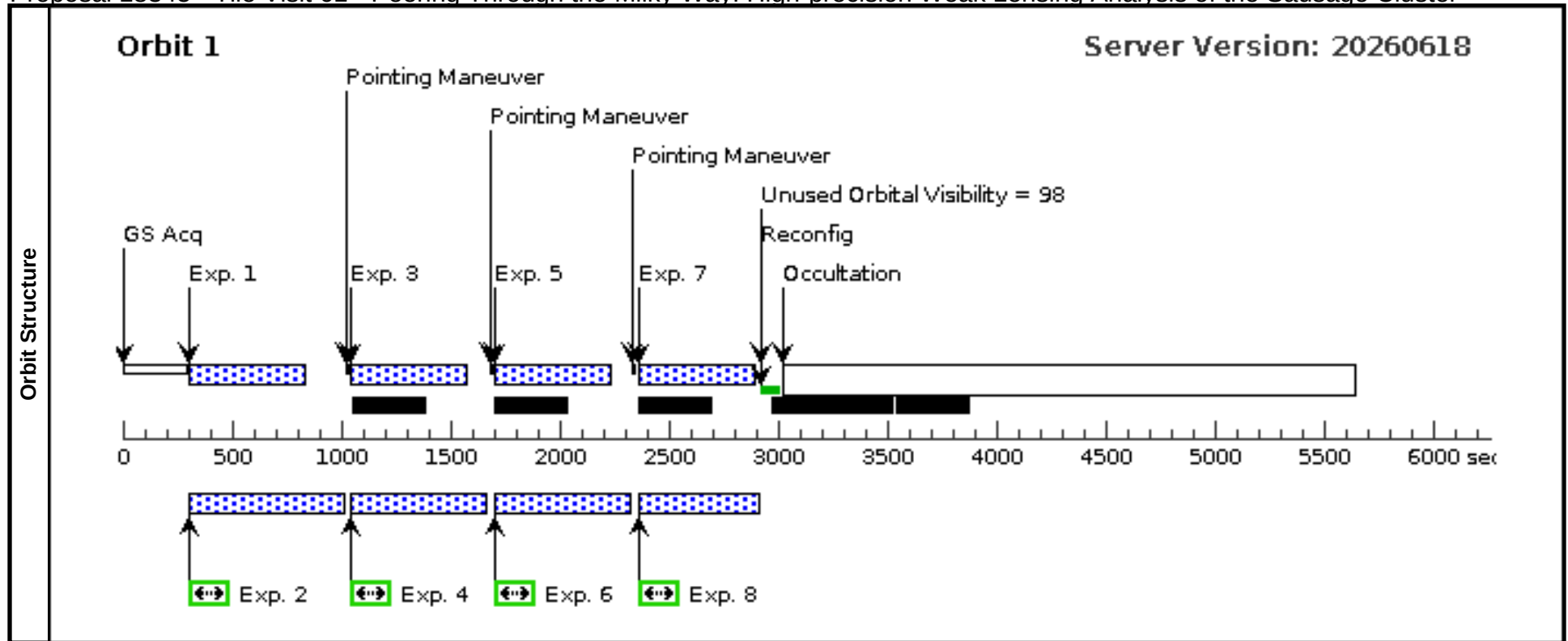
Proposal 18345 - Tile Visit 60 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 60										Wed Aug 12 16:00:33 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, ACS/WFC													
	Special Requirements: SAME ORIENT AS 01													
Diagnostics	(Tile Visit 60) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 60) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 60) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous					
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000	Epoch of Position: 2000			V=20		Reference Frame: SIMBAD					
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
	Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]													
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit			
	1		(1) SAUSAGENORTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,110.91599999999994	Prime + Parallel Group 1-2 in Tile Visit 60	502.933906 Secs (502.934 Secs) [==>]		[1]			
	2		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile Visit 60	500 Secs (500 Secs) [==>]		[1]			
	3		(1) SAUSAGENORTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, 110.91599999999994	Prime + Parallel Group 3-4 in Tile Visit 60	502.933906 Secs (502.934 Secs) [==>]		[1]			
	4		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Tile Visit 60	500 Secs (500 Secs) [==>]		[1]			
	5		(1) SAUSAGENORTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, 112.18754999999999	Prime + Parallel Group 5-6 in Tile Visit 60	502.933906 Secs (502.934 Secs) [==>]		[1]			
	6		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Tile Visit 60	500 Secs (500 Secs) [==>]		[1]			
	7		(1) SAUSAGENORTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,112.18754999999994	Prime + Parallel Group 7-8 in Tile Visit 60	502.933906 Secs (502.934 Secs) [==>]		[1]			
	8		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Tile Visit 60	430 Secs (430 Secs) [==>]		[1]			



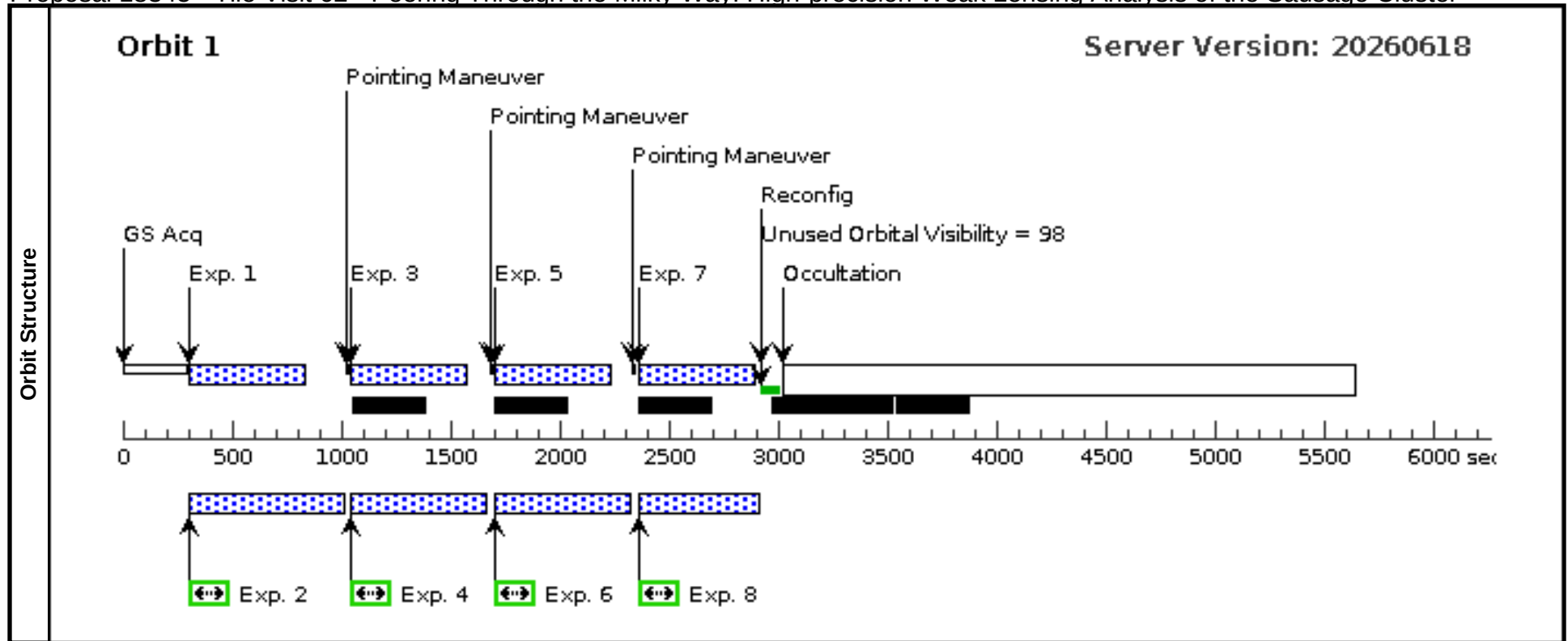
Proposal 18345 - Tile Visit 61 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 61										Wed Aug 12 16:00:33 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, ACS/WFC													
	Special Requirements: SAME ORIENT AS 01													
Diagnostics	(Tile Visit 61) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 61) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 61) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous					
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000		Epoch of Position: 2000		V=20		Reference Frame: SIMBAD					
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
	Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]													
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit			
	1		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,110.91 599999999994	Prime + Parallel Group 1-2 in Tile Visit 61	502.933906 Secs (502.934 Secs) [==>]		[1]			
	2		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile Visit 61	500 Secs (500 Secs) [==>]		[1]			
	3		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,110.91 599999999994	Prime + Parallel Group 3-4 in Tile Visit 61	502.933906 Secs (502.934 Secs) [==>]		[1]			
	4		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Tile Visit 61	500 Secs (500 Secs) [==>]		[1]			
	5		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,112.18 754999999994	Prime + Parallel Group 5-6 in Tile Visit 61	502.933906 Secs (502.934 Secs) [==>]		[1]			
	6		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Tile Visit 61	500 Secs (500 Secs) [==>]		[1]			
	7		(1) SAUSAGENOR TH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,112.18 754999999994	Prime + Parallel Group 7-8 in Tile Visit 61	502.933906 Secs (502.934 Secs) [==>]		[1]			
	8		(1) SAUSAGENOR TH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Tile Visit 61	430 Secs (430 Secs) [==>]		[1]			



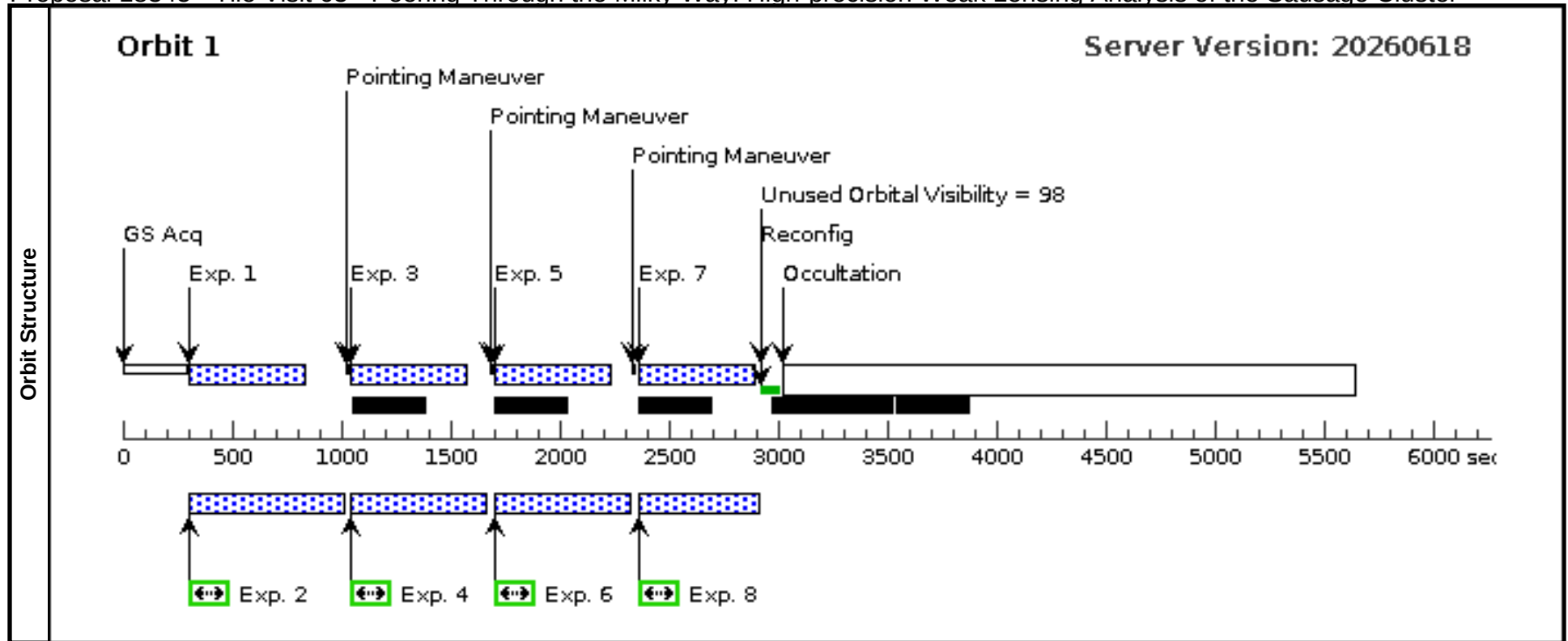
Proposal 18345 - Tile Visit 62 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 62										Wed Aug 12 16:00:33 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR, ACS/WFC											
	Special Requirements: ORIENT 175D TO 176 D											
Diagnostics	(Tile Visit 62) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Tile Visit 62) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Tile Visit 62) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000			Epoch of Position: 2000		V=20		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]											
	(8)	SAUSAUGESOUTH	RA: 22 42 34.5766 (340.6440692d) Dec: +53 00 4.57 (53.00127d) Equinox: J2000					V=20		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,-110.9159999999994	Prime + Parallel Group 1-2 in Tile Visit 62	502.933906 Secs (502.934 Secs) [==>]		[1]
	2		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group 1-2 in Tile Visit 62	500 Secs (500 Secs) [==>]		[1]
	3		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,-110.9159999999994	Prime + Parallel Group 3-4 in Tile Visit 62	502.933906 Secs (502.934 Secs) [==>]		[1]
	4		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group 3-4 in Tile Visit 62	500 Secs (500 Secs) [==>]		[1]
	5		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,-109.6444499999994	Prime + Parallel Group 5-6 in Tile Visit 62	502.933906 Secs (502.934 Secs) [==>]		[1]
	6		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group 5-6 in Tile Visit 62	500 Secs (500 Secs) [==>]		[1]
	7		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,-109.6444499999994	Prime + Parallel Group 7-8 in Tile Visit 62	502.933906 Secs (502.934 Secs) [==>]		[1]
	8		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group 7-8 in Tile Visit 62	430 Secs (430 Secs) [==>]		[1]



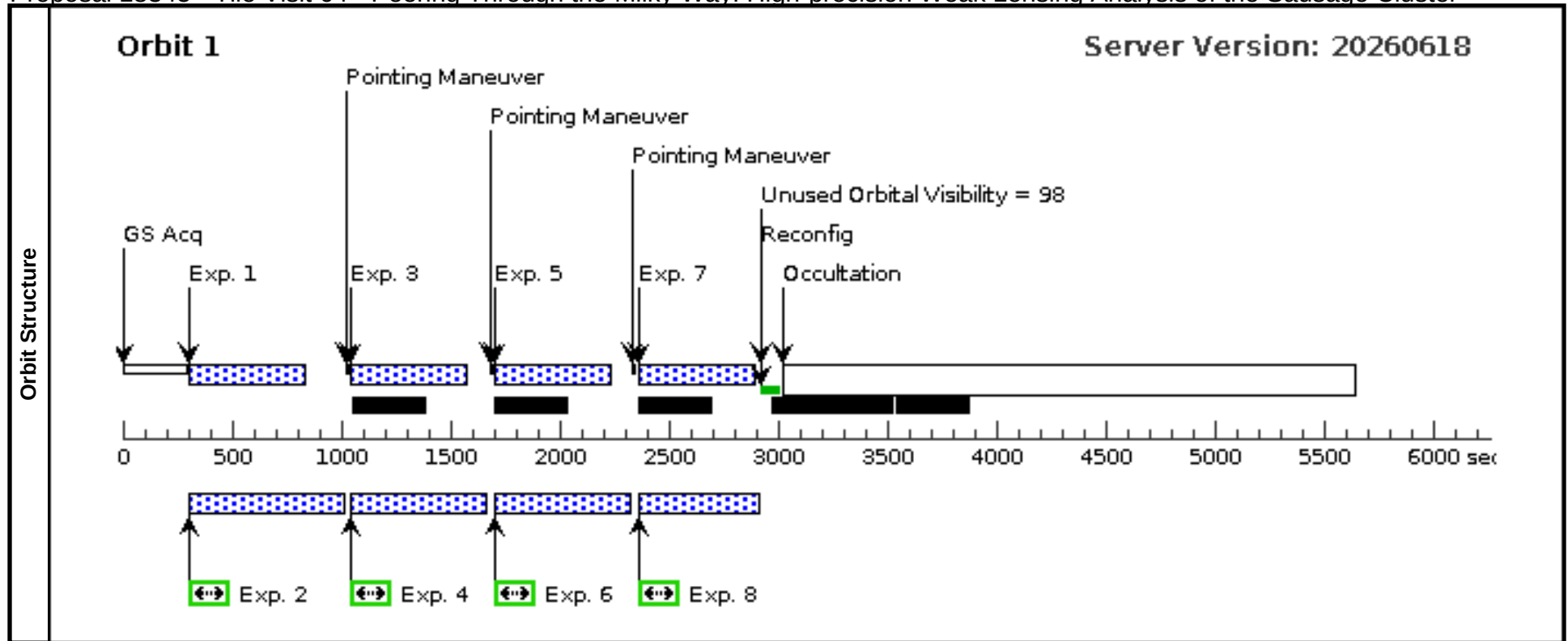
Proposal 18345 - Tile Visit 63 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 63										Wed Aug 12 16:00:33 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR, ACS/WFC										
	Special Requirements: SAME ORIENT AS 62										
Diagnostics	(Tile Visit 63) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
	(Tile Visit 63) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
	(Tile Visit 63) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000		Epoch of Position: 2000		V=20		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]										
	(8)	SAUSAUGESOUTH	RA: 22 42 34.5766 (340.6440692d) Dec: +53 00 4.57 (53.00127d) Equinox: J2000				V=20		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,-110.91599999999994	Prime + Parallel Group 1-2 in Tile Visit 63	502.933906 Secs (502.934 Secs) [==>]		[1]
	2		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile Visit 63	500 Secs (500 Secs) [==>]		[1]
	3		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275,-110.91599999999999	Prime + Parallel Group 3-4 in Tile Visit 63	502.933906 Secs (502.934 Secs) [==>]		[1]
	4		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Tile Visit 63	500 Secs (500 Secs) [==>]		[1]
	5		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275,-109.64444999999999	Prime + Parallel Group 5-6 in Tile Visit 63	502.933906 Secs (502.934 Secs) [==>]		[1]
	6		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Tile Visit 63	500 Secs (500 Secs) [==>]		[1]
	7		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,-109.64444999999994	Prime + Parallel Group 7-8 in Tile Visit 63	502.933906 Secs (502.934 Secs) [==>]		[1]
	8		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Tile Visit 63	430 Secs (430 Secs) [==>]		[1]



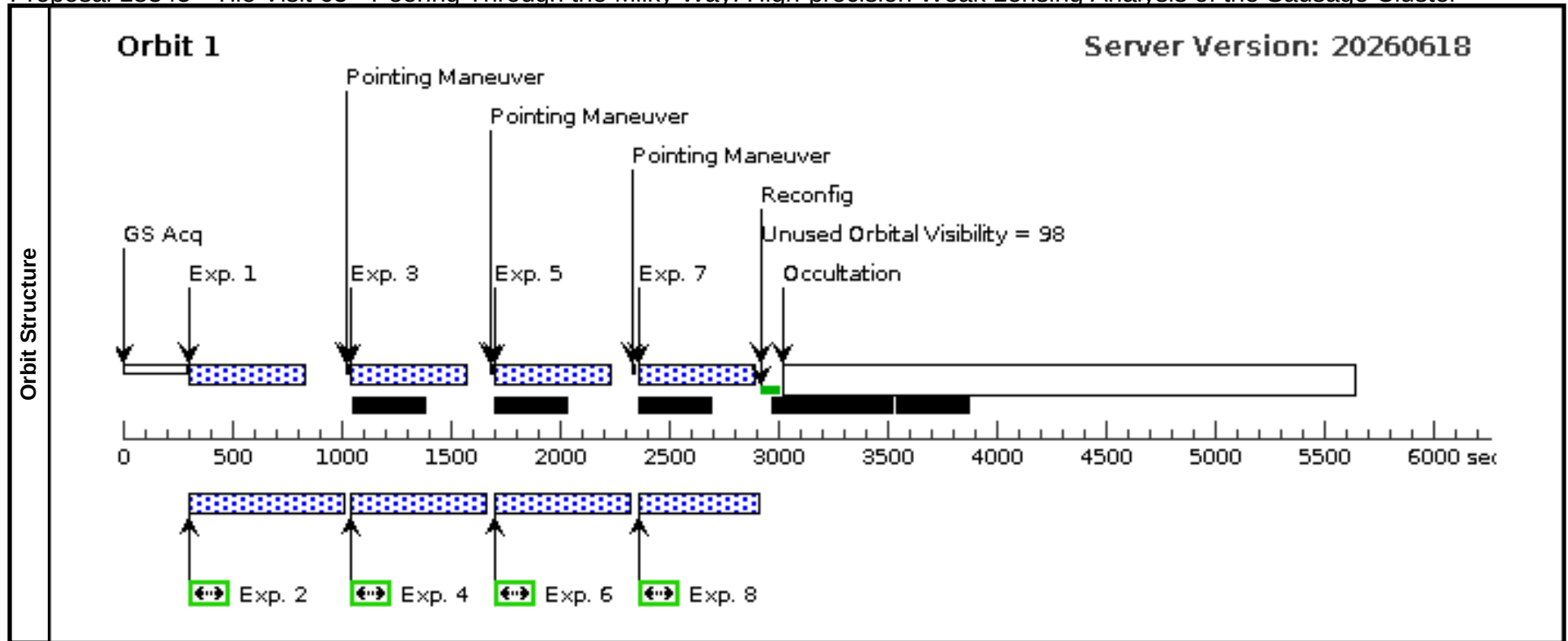
Proposal 18345 - Tile Visit 64 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 64										Wed Aug 12 16:00:33 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR, ACS/WFC										
	Special Requirements: SAME ORIENT AS 62										
Diagnostics	(Tile Visit 64) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
	(Tile Visit 64) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
	(Tile Visit 64) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000	Epoch of Position: 2000			V=20		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]										
	(8)	SAUSAUGESOUTH	RA: 22 42 34.5766 (340.6440692d) Dec: +53 00 4.57 (53.00127d) Equinox: J2000				V=20		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,-110.9 1599999999994	Prime + Parallel Group 1-2 in Tile Visit 64	502.933906 Secs (502.934 Secs) [==>]	[1]	
	2		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile Visit 64	500 Secs (500 Secs) [==>]	[1]	
	3		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,-110.9 1599999999994	Prime + Parallel Group 3-4 in Tile Visit 64	502.933906 Secs (502.934 Secs) [==>]	[1]	
	4		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Tile Visit 64	500 Secs (500 Secs) [==>]	[1]	
	5		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,-109.6 4444999999994	Prime + Parallel Group 5-6 in Tile Visit 64	502.933906 Secs (502.934 Secs) [==>]	[1]	
	6		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Tile Visit 64	500 Secs (500 Secs) [==>]	[1]	
	7		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,-109.6 4444999999994	Prime + Parallel Group 7-8 in Tile Visit 64	502.933906 Secs (502.934 Secs) [==>]	[1]	
	8		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Tile Visit 64	430 Secs (430 Secs) [==>]	[1]	



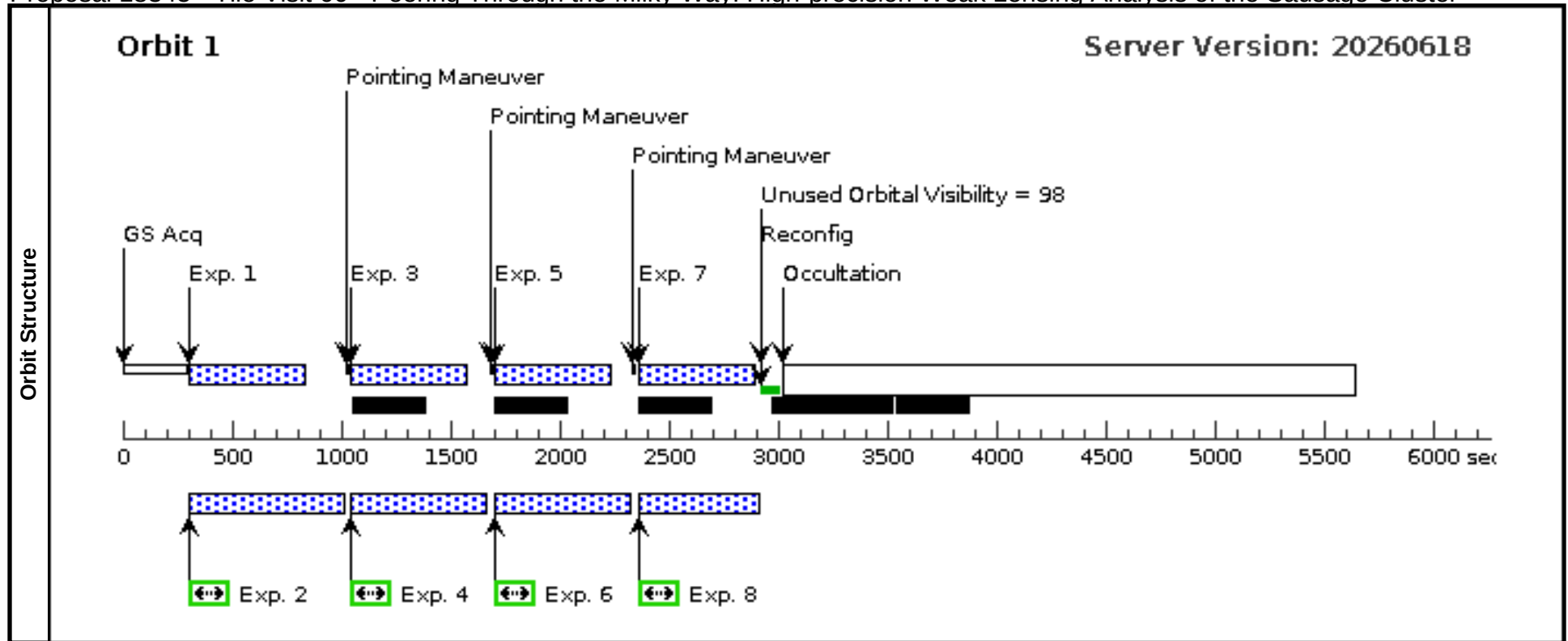
Proposal 18345 - Tile Visit 65 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 65										Wed Aug 12 16:00:33 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR, ACS/WFC											
	Special Requirements: SAME ORIENT AS 62											
Diagnostics	(Tile Visit 65) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Tile Visit 65) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Tile Visit 65) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000			Epoch of Position: 2000		V=20		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]											
	(8)	SAUSAUGESOUTH	RA: 22 42 34.5766 (340.6440692d) Dec: +53 00 4.57 (53.00127d) Equinox: J2000					V=20		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,0.0	Prime + Parallel Group 1-2 in Tile Visit 65	502.933906 Secs (502.934 Secs) [==>]		[1]
	2		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group 1-2 in Tile Visit 65	500 Secs (500 Secs) [==>]		[1]
	3		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,0.0	Prime + Parallel Group 3-4 in Tile Visit 65	502.933906 Secs (502.934 Secs) [==>]		[1]
	4		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group 3-4 in Tile Visit 65	500 Secs (500 Secs) [==>]		[1]
	5		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,1.27155	Prime + Parallel Group 5-6 in Tile Visit 65	502.933906 Secs (502.934 Secs) [==>]		[1]
	6		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group 5-6 in Tile Visit 65	500 Secs (500 Secs) [==>]		[1]
	7		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,1.27155	Prime + Parallel Group 7-8 in Tile Visit 65	502.933906 Secs (502.934 Secs) [==>]		[1]
	8		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group 7-8 in Tile Visit 65	430 Secs (430 Secs) [==>]		[1]



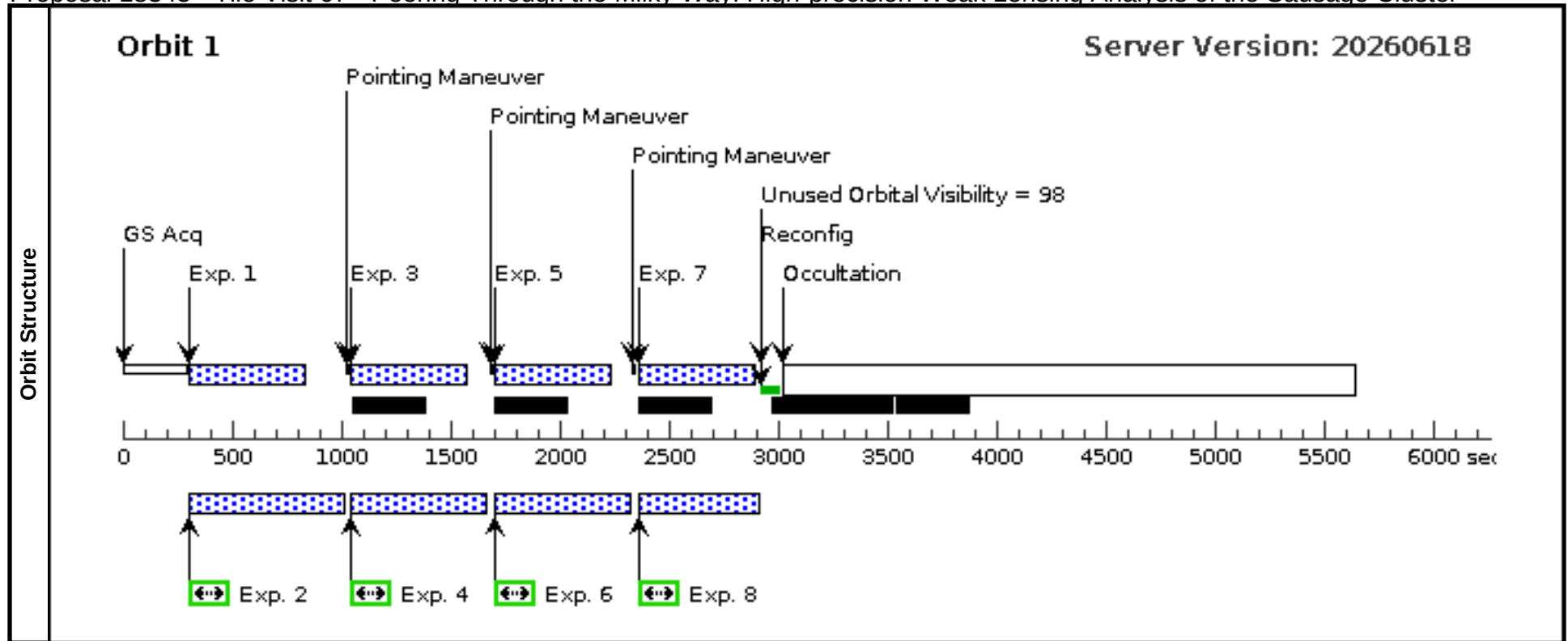
Proposal 18345 - Tile Visit 66 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 66										Wed Aug 12 16:00:33 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR, ACS/WFC											
	Special Requirements: SAME ORIENT AS 62											
Diagnostics	(Tile Visit 66) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Tile Visit 66) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Tile Visit 66) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000			Epoch of Position: 2000		V=20		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]											
	(8)	SAUSAUGESOUTH	RA: 22 42 34.5766 (340.6440692d) Dec: +53 00 4.57 (53.00127d) Equinox: J2000					V=20		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Prime + Parallel Group up 1-2 in Tile Visit 6	502.933906 Secs (502.934 Secs) [==>]		[1]
	2		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group up 1-2 in Tile Visit 6	500 Secs (500 Secs) [==>]		[1]
	3		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, 0.0	Prime + Parallel Group up 3-4 in Tile Visit 6	502.933906 Secs (502.934 Secs) [==>]		[1]
	4		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group up 3-4 in Tile Visit 6	500 Secs (500 Secs) [==>]		[1]
	5		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, 1.27155	Prime + Parallel Group up 5-6 in Tile Visit 6	502.933906 Secs (502.934 Secs) [==>]		[1]
	6		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group up 5-6 in Tile Visit 6	500 Secs (500 Secs) [==>]		[1]
	7		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,1.27155	Prime + Parallel Group up 7-8 in Tile Visit 6	502.933906 Secs (502.934 Secs) [==>]		[1]
	8		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group up 7-8 in Tile Visit 6	430 Secs (430 Secs) [==>]		[1]



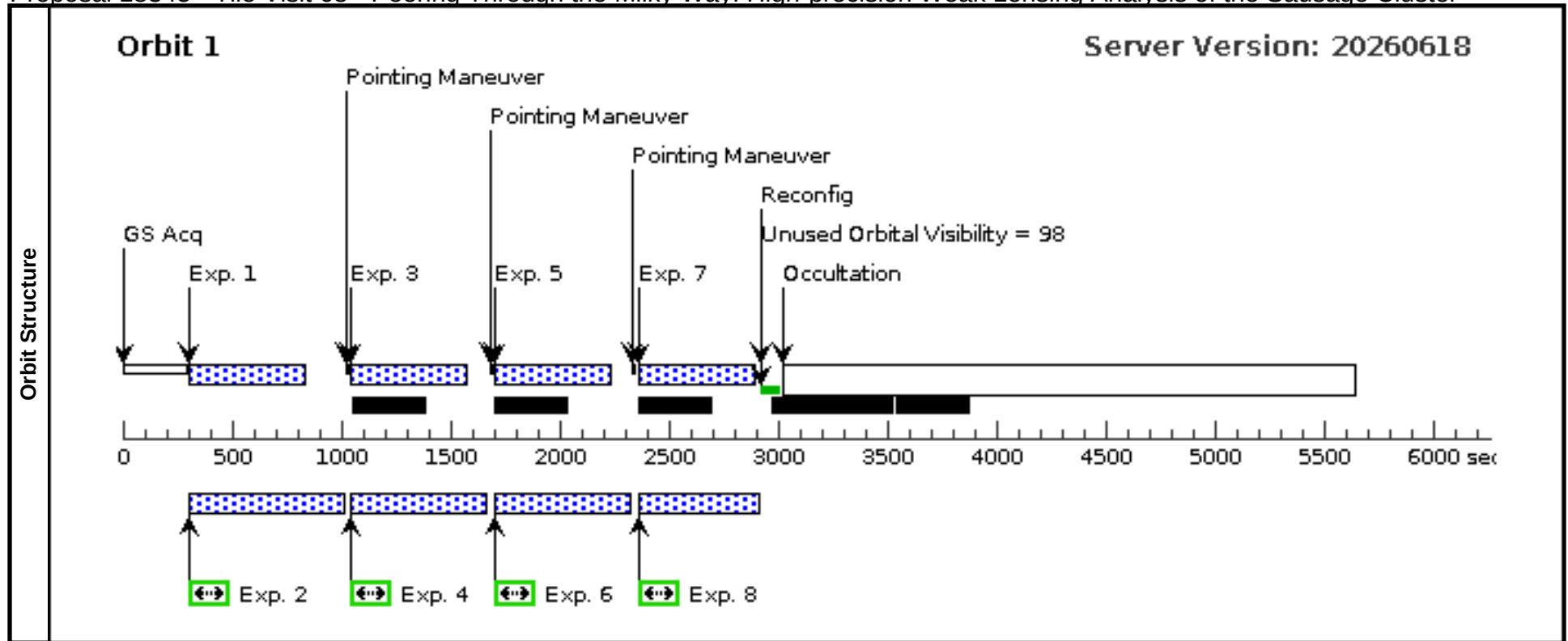
Proposal 18345 - Tile Visit 67 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 67 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 62										Wed Aug 12 16:00:33 GMT 2026
	(Tile Visit 67) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME (Tile Visit 67) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME (Tile Visit 67) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]	Epoch of Position: 2000	V=20	Reference Frame: SIMBAD					
Exposures	(8)	SAUSAUGESOUTH	RA: 22 42 34.5766 (340.6440692d) Dec: +53 00 4.57 (53.00127d) Equinox: J2000 Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]		V=20	Reference Frame: ICRS					
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,0.0	Prime + Parallel Group 1-2 in Tile Visit 67	502.933906 Secs (502.934 Secs) [==>]		[1]	
	2	(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile Visit 67	500 Secs (500 Secs) [==>]		[1]	
	3	(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,0.0	Prime + Parallel Group 3-4 in Tile Visit 67	502.933906 Secs (502.934 Secs) [==>]		[1]	
	4	(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Tile Visit 67	500 Secs (500 Secs) [==>]		[1]	
	5	(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,1.27155	Prime + Parallel Group 5-6 in Tile Visit 67	502.933906 Secs (502.934 Secs) [==>]		[1]	
	6	(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Tile Visit 67	500 Secs (500 Secs) [==>]		[1]	
	7	(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,1.27155	Prime + Parallel Group 7-8 in Tile Visit 67	502.933906 Secs (502.934 Secs) [==>]		[1]	
	8	(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Tile Visit 67	430 Secs (430 Secs) [==>]		[1]	



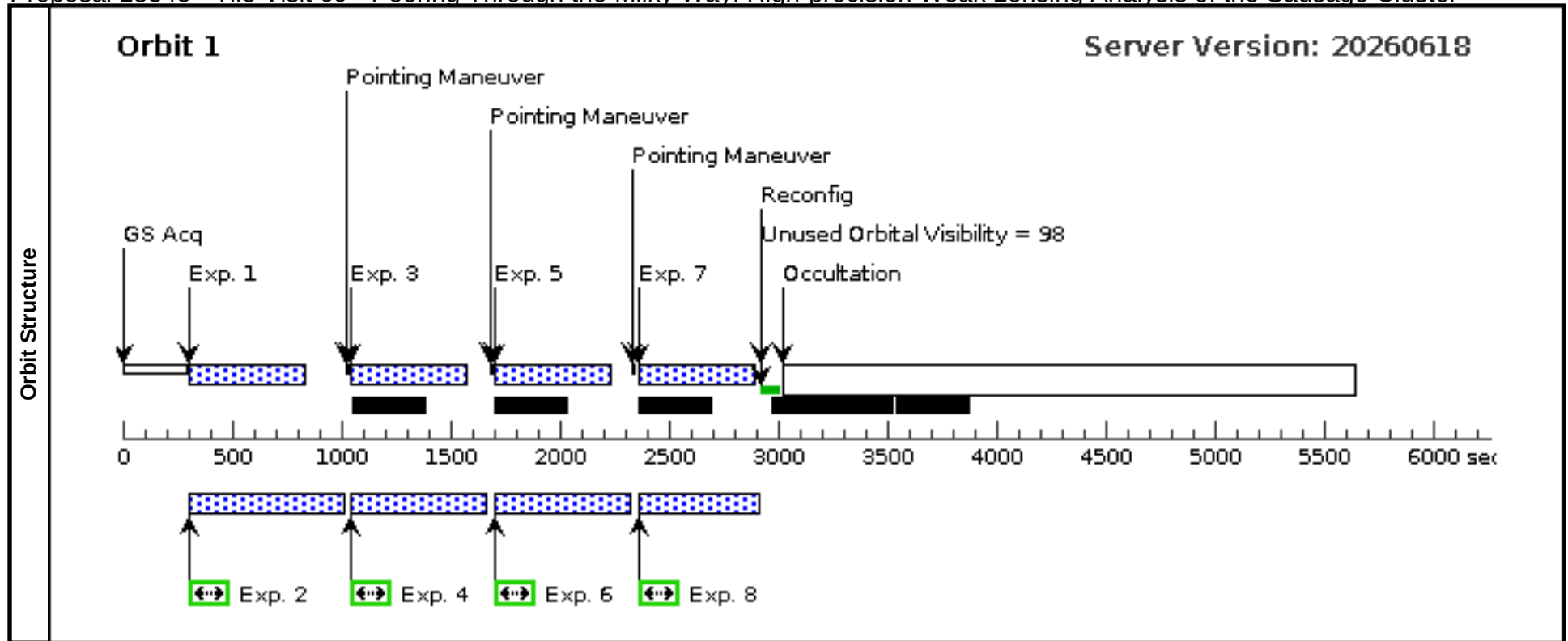
Proposal 18345 - Tile Visit 68 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 68										Wed Aug 12 16:00:33 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR, ACS/WFC											
	Special Requirements: SAME ORIENT AS 62											
Diagnostics	(Tile Visit 68) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Tile Visit 68) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Tile Visit 68) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000		Epoch of Position: 2000		V=20		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]											
	(8)	SAUSAUGESOUTH	RA: 22 42 34.5766 (340.6440692d) Dec: +53 00 4.57 (53.00127d) Equinox: J2000				V=20		Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,110.9 1599999999994	Prime + Parallel Group 1-2 in Tile Visit 68	502.933906 Secs (502.934 Secs) [==>]		[1]	
	2		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile Visit 68	500 Secs (500 Secs) [==>]		[1]	
	3		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,110.9159999999994	Prime + Parallel Group 3-4 in Tile Visit 68	502.933906 Secs (502.934 Secs) [==>]		[1]	
	4		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Tile Visit 68	500 Secs (500 Secs) [==>]		[1]	
	5		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -123.71 01,112.1875499999994	Prime + Parallel Group 5-6 in Tile Visit 68	502.933906 Secs (502.934 Secs) [==>]		[1]	
	6		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Tile Visit 68	500 Secs (500 Secs) [==>]		[1]	
	7		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -125.13 284999999999,112.1 8754999999994	Prime + Parallel Group 7-8 in Tile Visit 68	502.933906 Secs (502.934 Secs) [==>]		[1]	
	8		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Tile Visit 68	430 Secs (430 Secs) [==>]		[1]	



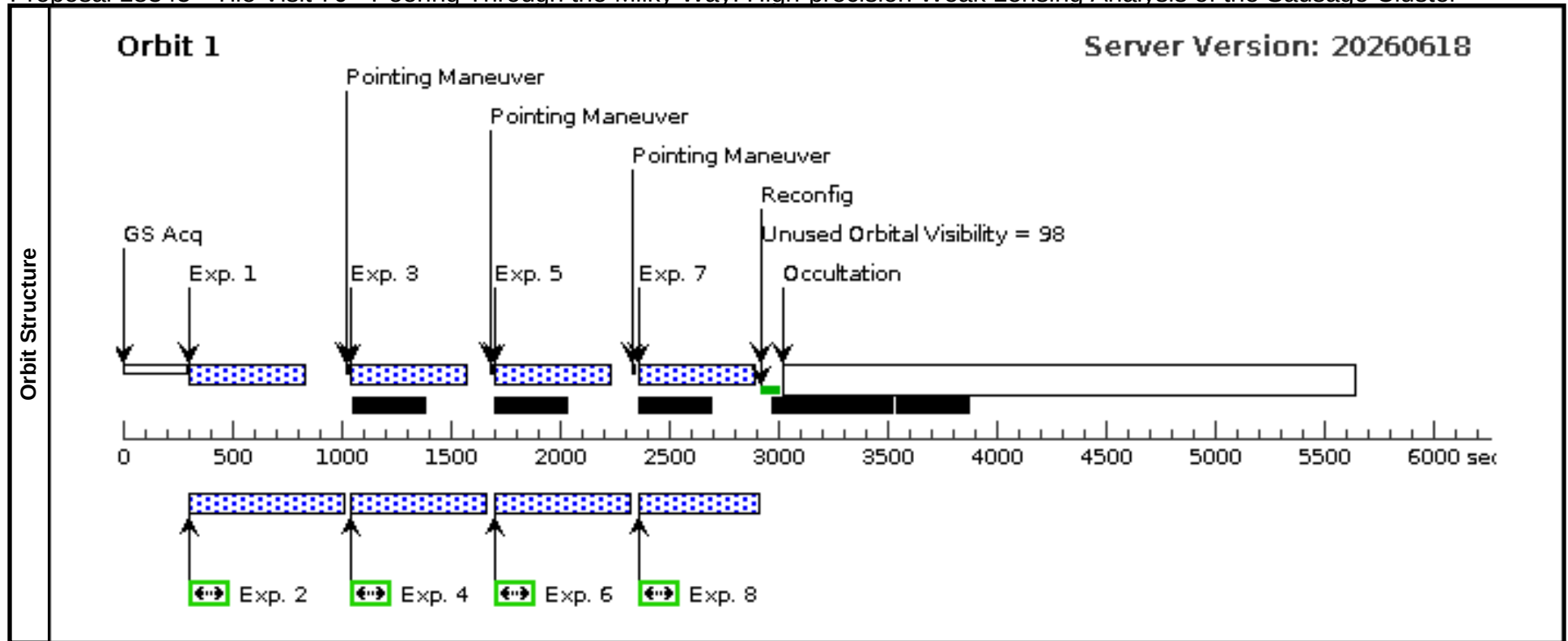
Proposal 18345 - Tile Visit 69 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 69										Wed Aug 12 16:00:33 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR, ACS/WFC											
	Special Requirements: SAME ORIENT AS 62											
Diagnostics	(Tile Visit 69) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Tile Visit 69) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Tile Visit 69) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000			Epoch of Position: 2000		V=20		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]											
	(8)	SAUSAUGESOUTH	RA: 22 42 34.5766 (340.6440692d) Dec: +53 00 4.57 (53.00127d) Equinox: J2000					V=20		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,110.91599999999994	Prime + Parallel Group up 1-2 in Tile Visit 69	502.933906 Secs (502.934 Secs) [==>]		[1]
	2		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group up 1-2 in Tile Visit 69	500 Secs (500 Secs) [==>]		[1]
	3		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275,110.91599999999999	Prime + Parallel Group up 3-4 in Tile Visit 69	502.933906 Secs (502.934 Secs) [==>]		[1]
	4		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group up 3-4 in Tile Visit 69	500 Secs (500 Secs) [==>]		[1]
	5		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275,112.18754999999999	Prime + Parallel Group up 5-6 in Tile Visit 69	502.933906 Secs (502.934 Secs) [==>]		[1]
	6		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group up 5-6 in Tile Visit 69	500 Secs (500 Secs) [==>]		[1]
	7		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0.0,112.18754999999994	Prime + Parallel Group up 7-8 in Tile Visit 69	502.933906 Secs (502.934 Secs) [==>]		[1]
	8		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Group up 7-8 in Tile Visit 69	430 Secs (430 Secs) [==>]		[1]



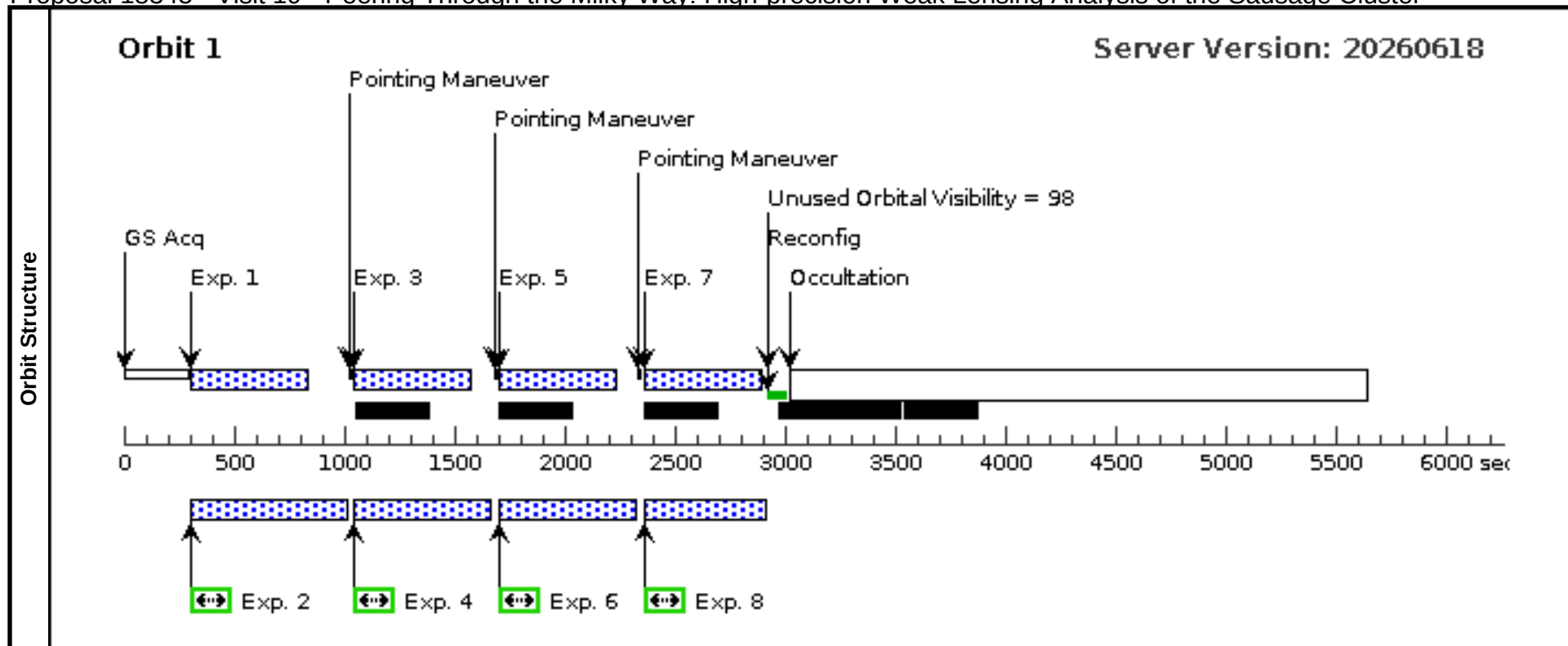
Proposal 18345 - Tile Visit 70 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Tile Visit 70										Wed Aug 12 16:00:33 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, ACS/WFC													
	Special Requirements: SAME ORIENT AS 62													
Diagnostics	(Tile Visit 70) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 70) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Tile Visit 70) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous					
	(1)	SAUSAGENORTH	RA: 22 42 53.7636 (340.7240150d) Dec: +53 04 36.89 (53.07691d) Equinox: J2000	Epoch of Position: 2000			V=20		Reference Frame: SIMBAD					
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]													
	(8)	SAUSAUGESOUTH	RA: 22 42 34.5766 (340.6440692d) Dec: +53 00 4.57 (53.00127d) Equinox: J2000				V=20		Reference Frame: ICRS					
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]														
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit			
	1		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,110.91 599999999994	Prime + Parallel Group 1-2 in Tile Visit 70	502.933906 Secs (502.934 Secs) [==>]		[1]			
	2		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile Visit 70	500 Secs (500 Secs) [==>]		[1]			
	3		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,110.91 599999999994	Prime + Parallel Group 3-4 in Tile Visit 70	502.933906 Secs (502.934 Secs) [==>]		[1]			
	4		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Tile Visit 70	500 Secs (500 Secs) [==>]		[1]			
	5		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 126.555 59999999998,112.18 754999999994	Prime + Parallel Group 5-6 in Tile Visit 70	502.933906 Secs (502.934 Secs) [==>]		[1]			
	6		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Tile Visit 70	500 Secs (500 Secs) [==>]		[1]			
	7		(8) SAUSAUGESOUTH	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 125.132 84999999999,112.18 754999999994	Prime + Parallel Group 7-8 in Tile Visit 70	502.933906 Secs (502.934 Secs) [==>]		[1]			
	8		(1) SAUSAGENORTH	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Tile Visit 70	430 Secs (430 Secs) [==>]		[1]			



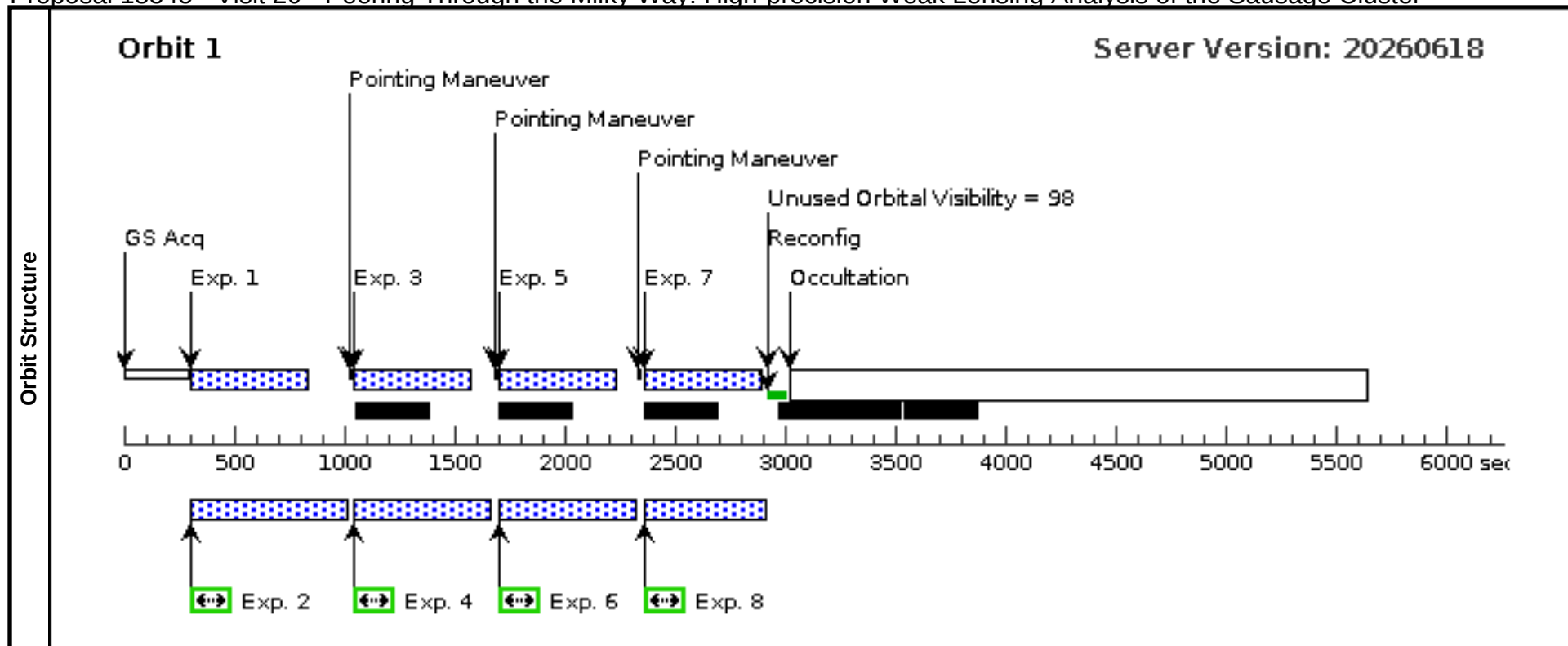
Proposal 18345 - Visit 19 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Visit 19								Wed Aug 12 16:00:33 GMT 2026	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/IR, ACS/WFC									
	Special Requirements: ORIENT 286D TO 287 D									
Diagnostics	(Visit 19) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME									
	(Visit 19) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME									
	(Visit 19) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	P1	RA: 22 42 39.3786 (340.6640775d) Dec: +53 06 56.45 (53.11568d) Equinox: J2000	Epoch of Position: 2000		V=20		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) P1	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 1-2 in Visit 19	502.933906 Secs (502.934 Secs) [==>]	[1]
	2		(7) P1	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 19	500 Secs (500 Secs) [==>]	[1]
	3		(7) P1	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, 0	Prime + Parallel Gro up 3-4 in Visit 19	502.933906 Secs (502.934 Secs) [==>]	[1]
	4		(7) P1	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 19	500 Secs (500 Secs) [==>]	[1]
	5		(7) P1	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, 1.27155	Prime + Parallel Gro up 5-6 in Visit 19	502.933906 Secs (502.934 Secs) [==>]	[1]
	6		(7) P1	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 5-6 in Visit 19	500 Secs (500 Secs) [==>]	[1]
	7		(7) P1	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 0,1.2715 5	Prime + Parallel Gro up 7-8 in Visit 19	502.933906 Secs (502.934 Secs) [==>]	[1]
	8		(7) P1	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 7-8 in Visit 19	430 Secs (430 Secs) [==>]	[1]



Proposal 18345 - Visit 20 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Visit 20										Wed Aug 12 16:00:33 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR, ACS/WFC											
	Special Requirements: ORIENT 286D TO 287 D											
Diagnostics	(Visit 20) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Visit 20) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
	(Visit 20) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	P2	RA: 22 42 27.9963 (340.6166513d) Dec: +53 03 28.64 (53.05796d) Equinox: J2000					V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]											
	(7)	P1	RA: 22 42 39.3786 (340.6640775d) Dec: +53 06 56.45 (53.11568d) Equinox: J2000			Epoch of Position: 2000		V=20		Reference Frame: SIMBAD		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) P2	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 1-2 in Visit 20	502.933906 Secs (502.934 Secs) [==>]		[1]
	2		(7) P1	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Gro up 1-2 in Visit 20	500 Secs (500 Secs) [==>]		[1]
	3		(2) P2	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, 0	Prime + Parallel Gro up 3-4 in Visit 20	502.933906 Secs (502.934 Secs) [==>]		[1]
	4		(7) P1	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Gro up 3-4 in Visit 20	500 Secs (500 Secs) [==>]		[1]
	5		(2) P2	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.42275, 1.27155	Prime + Parallel Gro up 5-6 in Visit 20	502.933906 Secs (502.934 Secs) [==>]		[1]
	6		(7) P1	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Gro up 5-6 in Visit 20	500 Secs (500 Secs) [==>]		[1]
	7		(2) P2	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG null,1.27 155	Prime + Parallel Gro up 7-8 in Visit 20	502.933906 Secs (502.934 Secs) [==>]		[1]
	8		(7) P1	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Gro up 7-8 in Visit 20	430 Secs (430 Secs) [==>]		[1]



Proposal 18345 - Visit 21 - Peering Through the Milky Way: High-precision Weak Lensing Analysis of the Sausage Cluster

Visit	Proposal 18345, Visit 21										Wed Aug 12 16:00:33 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, ACS/WFC													
	Special Requirements: ORIENT 181D TO 182 D													
Diagnostics	(Visit 21) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Visit 21) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
	(Visit 21) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(6)	P3	RA: 22 42 17.5121 (340.5729671d) Dec: +53 02 57.18 (53.04922d) Equinox: J2000						V=20		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]													
	(7)	P1	RA: 22 42 39.3786 (340.6640775d) Dec: +53 06 56.45 (53.11568d) Equinox: J2000			Epoch of Position: 2000			V=20		Reference Frame: SIMBAD			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]														
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(6) P3	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6;		Prime + Parallel Gro	502.933906 Secs (502.934 Secs)				
							SAMP-SEQ=SPAR		up 1-2 in Visit 21	[==>]		[1]		
							S100							
	2		(7) P1	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Gro	500 Secs (500 Secs)				
									up 1-2 in Visit 21	[==>]		[1]		
	3		(6) P3	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6;	POS TARG 1.42275,	Prime + Parallel Gro	502.933906 Secs (502.934 Secs)				
							SAMP-SEQ=SPAR	null	up 3-4 in Visit 21	[==>]		[1]		
							S100							
4		(7) P1	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Gro	500 Secs (500 Secs)					
								up 3-4 in Visit 21	[==>]		[1]			
5		(6) P3	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6;	POS TARG 1.42275,	Prime + Parallel Gro	502.933906 Secs (502.934 Secs)					
						SAMP-SEQ=SPAR	1.27155	up 5-6 in Visit 21	[==>]		[1]			
						S100								
6		(7) P1	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Gro	500 Secs (500 Secs)					
								up 5-6 in Visit 21	[==>]		[1]			
7		(6) P3	WFC3/IR, MULTIACCUM, IR		F160W	NSAMP=6;	POS TARG null,1.27	Prime + Parallel Gro	502.933906 Secs (502.934 Secs)					
						SAMP-SEQ=SPAR	155	up 7-8 in Visit 21	[==>]		[1]			
						S100								
8		(7) P1	ACS/WFC, ACCUM, WFC		F814W			Prime + Parallel Gro	430 Secs (430 Secs)					
								up 7-8 in Visit 21	[==>]		[1]			

