



17212 - Caught in the Act: The Hierarchical Formation of Abell 1185

Cycle: 30, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
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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) ABELL-1185-F1 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:27.0	yes
02	(2) ABELL-1185-F2 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:29.0	yes
2B	(14) ABELL-1185-F2-NEW ANY	ACS/WFC WFC3/UVIS	1	27-Jan-2025 09:00:30.0	yes
03	(3) ABELL-1185-F3 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:31.0	yes
04	(4) ABELL-1185-F4 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:33.0	yes
4A	(4) ABELL-1185-F4 ANY	ACS/WFC WFC3/UVIS	1	27-Jan-2025 09:00:34.0	yes

Proposal 17212 (STScI Edit Number: 12, Created: Monday, January 27, 2025, 9:00:52AM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
4B	(4) ABELL-1185-F4 ANY	ACS/WFC WFC3/UVIS	1	27-Jan-2025 09:00:35.0	yes
05	(5) ABELL-1185-F5 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:36.0	yes
06	(6) ABELL-1185-F6 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:38.0	yes
07	(7) ABELL-1185-F7 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:39.0	yes
7A	(7) ABELL-1185-F7 ANY	ACS/WFC WFC3/UVIS	1	27-Jan-2025 09:00:40.0	yes
7B	(7) ABELL-1185-F7 ANY	ACS/WFC WFC3/UVIS	1	27-Jan-2025 09:00:41.0	yes
7C	(7) ABELL-1185-F7 ANY	ACS/WFC WFC3/UVIS	1	27-Jan-2025 09:00:41.0	yes
08	(8) ABELL-1185-F8 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:43.0	yes
09	(9) ABELL-1185-F9 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:45.0	yes
10	(10) ABELL-1185-F10 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:46.0	yes
11	(11) ABELL-1185-F11 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:48.0	yes
12	(12) ABELL-1185-F12 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:49.0	yes
13	(13) ABELL-1185-F13 ANY	ACS/WFC WFC3/UVIS	3	27-Jan-2025 09:00:51.0	yes

45 Total Orbits Used

ABSTRACT

Abell 1185 is a nearby example of a rich galaxy cluster still undergoing violent hierarchical assembly. Its brightest member galaxy, NGC 3550, is offset by 150 kpc from the cluster's dynamical center and is in the throes of cannibalizing several neighbors. Abell 1185 is also home to a population of intergalactic globular clusters, as well as the interacting system Arp 105, a spectacular collision between two galaxies that has spawned a compact region of intense star formation known as Ambartsumian's Knot as well as a 100-kpc-long tidal tail with embedded star clusters and newborn dwarf galaxies. Abell 1185 offers a unique opportunity to witness the ongoing birth of a dynamically young cluster and its constituents, a present-day analog to cluster formation at earlier epochs. We propose to carry out a comprehensive WFC3+ACS imaging survey of A1185 to learn more about the ongoing creation of galactic and intergalactic stellar populations in this dynamic environment. The resulting dataset will be of comparable legacy value to the ACS Treasury Survey of the Coma Cluster (GO 10861) for a fraction of the investment of time, providing a snapshot of a rich cluster environment that represents an important earlier stage in galaxy cluster evolution.

OBSERVING DESCRIPTION

Field Selection: The WFC3/UVIS and ACS/WFC cameras will be used in Coordinated Parallel mode to mosaic the main body of A1185, covering a large contiguous area with 12 pointings. These fields include all of A1185's brightest galaxies as well as Arp 105 and the diffuse intracluster populations in the central regions. While WFC3 is our primary instrument, the ACS parallel fields are also an essential component of this program because they sample the southern regions of the cluster, effectively doubling our sky coverage at no additional cost. Together, they survey the inner 0.5 Mpc, sampling a wide range of local environments and mapping the distribution of intergalactic globular clusters including any substructure. Combining the primary WFC3 fields with parallel ACS fields allows the cluster to be mapped efficiently.

Exposure Times and Filters: These observations aim to reach the peak of the globular cluster luminosity function, allowing the brightest half of the globular cluster population in A1185 to be detected. This requires detecting point sources to $V = 28.3$ mag. The F475X and F600LP filters will be used for the primary WFC3 observations, as they provide an excellent wavelength baseline for reliable color/metallicity determination will reach the desired faint magnitudes as efficiently as possible to detect faint globular clusters at the distance of A1185. For WFC3/UVIS, F475X provides extra throughput and depth compared to F475W and has been used successfully for other extragalactic globular cluster programs, while the longpass F600LP filter is near the peak of the WFC3/UVIS efficiency curve and hence goes deep quickly. These filters are readily transformed to standard bands, allowing a straightforward comparison of the WFC3 results to the ACS fields, and to other programs, such as the Coma Treasury Survey. For the ACS parallel fields, the choice of F475W and F814W filters maximizes depth and wavelength coverage and are among the most common filters

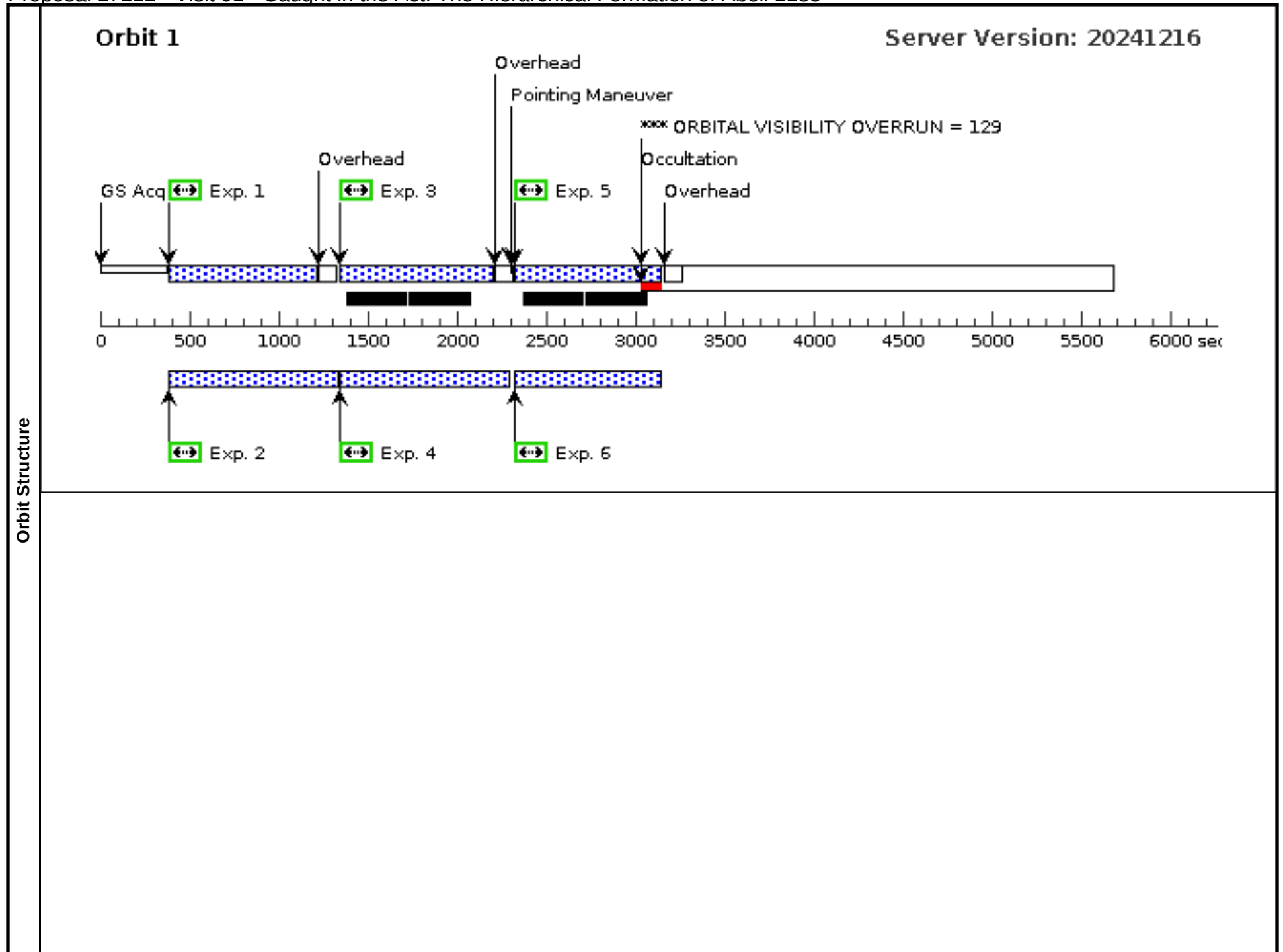
used for studies of extragalactic globular cluster systems, which facilitates comparison with previous results. These filters are also well matched to available archived images, such as the Hubble Frontier Fields parallel "blank" fields, which can be used to empirically determine the expected contamination from background sources, which is especially useful for quantifying A1185's intergalactic globular cluster population. These filter choices ensure that the WFC3/UVIS and ACS/WFC observations will reach comparable depths. The small overlap between the WFC3 and ACS fields allows robust empirical color transformations to be derived between these filter combinations. Using the WFC3/UVIS Exposure Time Calculator and assuming a typical globular cluster spectral energy distribution, a total integration time of 4155 sec will detect point sources down to $V = 28.3$ with $S/N \sim 6.2$ for the F475X filter, and 3190 sec with F600LP will yield $S/N \sim 6.4$, adequate for reliable separation of resolved and unresolved objects and with photometric errors that are small compared to the expected width of the globular cluster luminosity. This requires three orbits per field and hence a total of 39 orbits to observe the 13 primary and 13 coordinated parallel fields. A six-step dither pattern will be used to optimize drizzling reductions. For the parallel ACS/WFC observations, two orbits with F475W will detect globular clusters at $V = 28.3$ with $S/N \sim 4.0$, while one orbit with the F814W filter will have $S/N \sim 4.7$.

Proposal 17212 - Visit 01 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 01, completed Mon Jan 27 14:00:52 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 282D TO 296 D				
Diagnostics	(Visit 01) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 01) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 01) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	ABELL-1185-F1	RA: 11 11 14.7223 (167.8113429d) Dec: +28 42 3.39 (28.70094d) Equinox: J2000		V=28.3+/-0.25
Fixed Targets	Miscellaneous				
	Reference Frame: ICRS				
Fixed Targets	<i>Comments:</i> <i>Category=CLUSTER OF GALAXIES</i> <i>Description=[RICH CLUSTER]</i> <i>Extended=YES</i>				

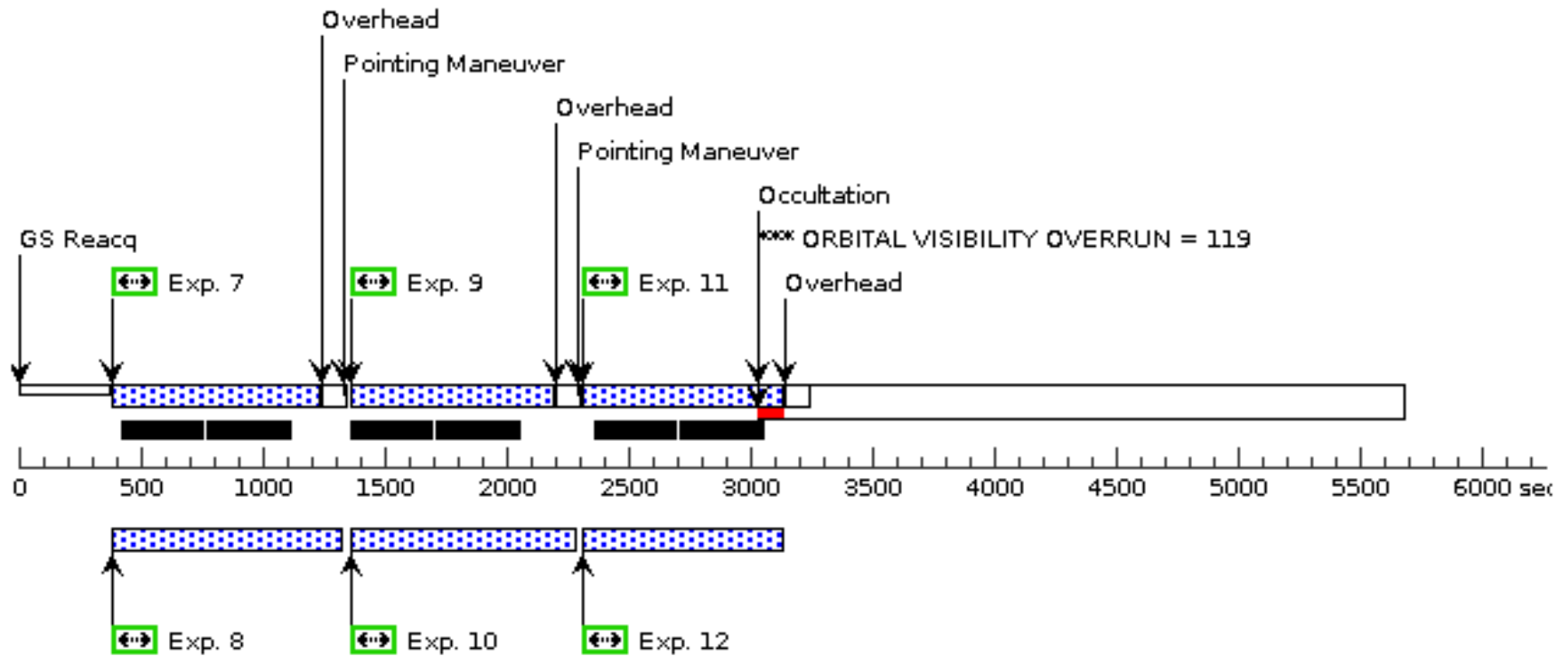
Proposal 17212 - Visit 01 - Caught in the Act: The Hierarchical Formation of Abell 1185

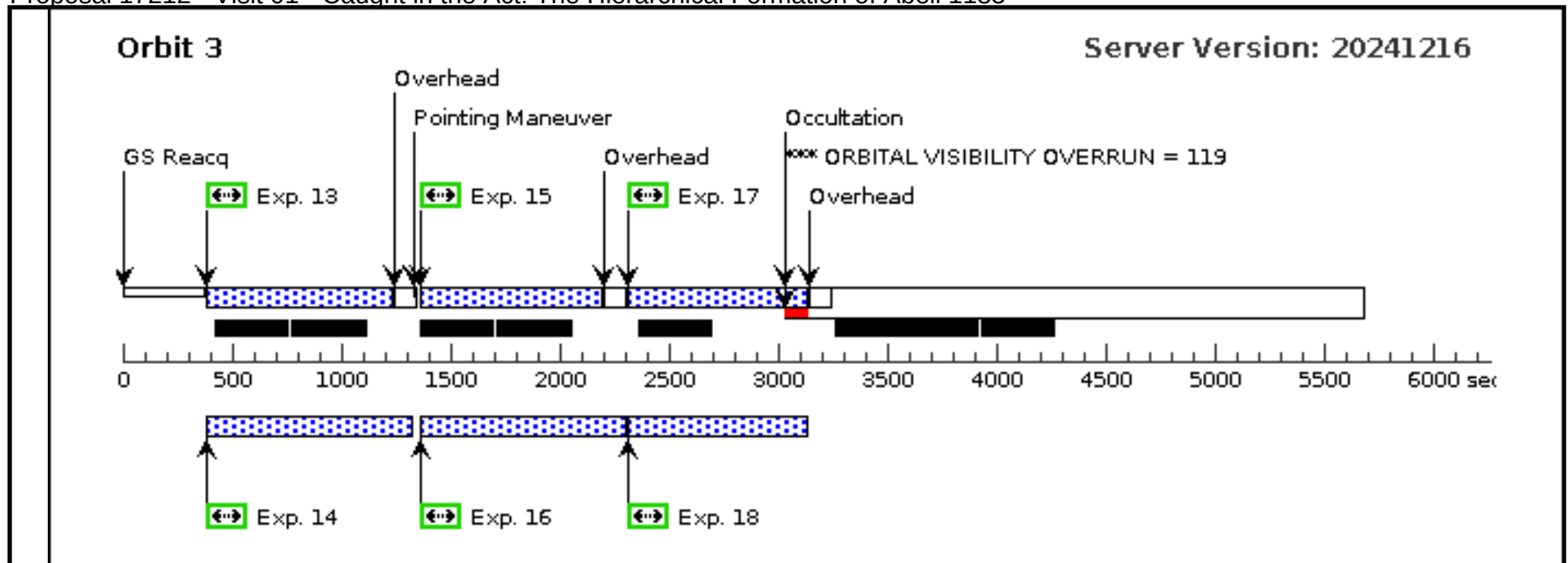
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) ABELL-1185-F1	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 01	800 Secs (800 Secs)	
									[==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 01	740 Secs (740 Secs)	
									[==>]	[1]
	3		(1) ABELL-1185-F1	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 01	835 Secs (835 Secs)	
									[==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 01	785 Secs (785 Secs)	
									[==>]	[1]
	5		(1) ABELL-1185-F1	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 01	800 Secs (800 Secs)	
									[==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 01	655 Secs (655 Secs)	
									[==>]	[1]
	7		(1) ABELL-1185-F1	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 01	830 Secs (830 Secs)	
									[==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 01	780 Secs (780 Secs)	
									[==>]	[2]
	9		(1) ABELL-1185-F1	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 01	830 Secs (830 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 01	795 Secs (795 Secs)	
									[==>]	[2]
	11		(1) ABELL-1185-F1	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 01	795 Secs (795 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 01	655 Secs (655 Secs)	
									[==>]	[2]
	13		(1) ABELL-1185-F1	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 01	830 Secs (830 Secs)	
									[==>]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 01	780 Secs (780 Secs)	
									[==>]	[3]
	15		(1) ABELL-1185-F1	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 01	830 Secs (830 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 01	820 Secs (820 Secs)	
									[==>]	[3]
	17		(1) ABELL-1185-F1	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 01	795 Secs (795 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 01	655 Secs (655 Secs)	
									[==>]	[3]



Orbit 2

Server Version: 20241216



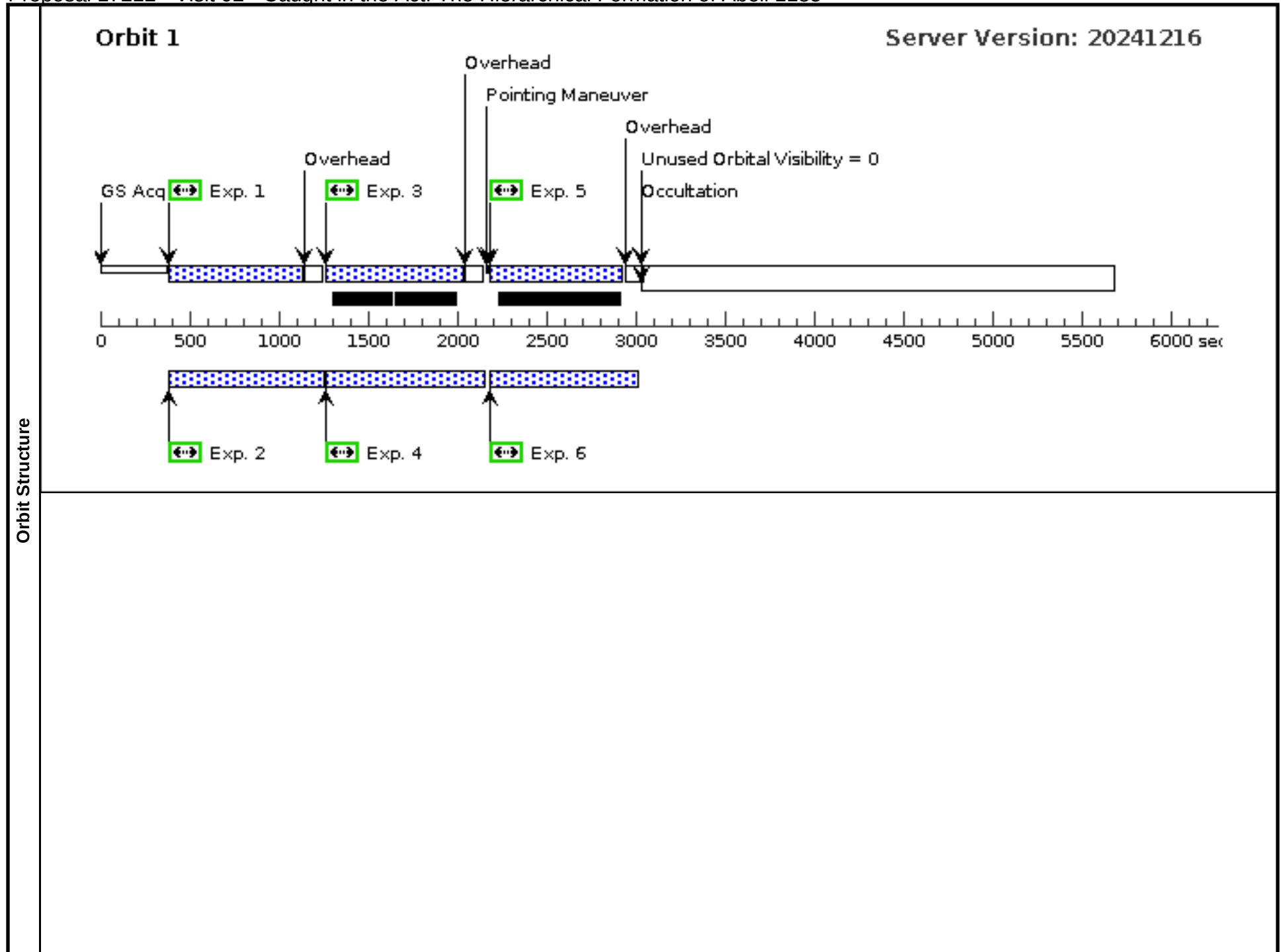


Proposal 17212 - Visit 02 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 02, failed Mon Jan 27 14:00:52 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 288D TO 290 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(2)	ABELL-1185-F2	RA: 11 11 12.8173 (167.8034054d) Dec: +28 44 44.35 (28.74565d) Equinox: J2000		V=28.3+/-0.25
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES					
Reference Frame: ICRS					

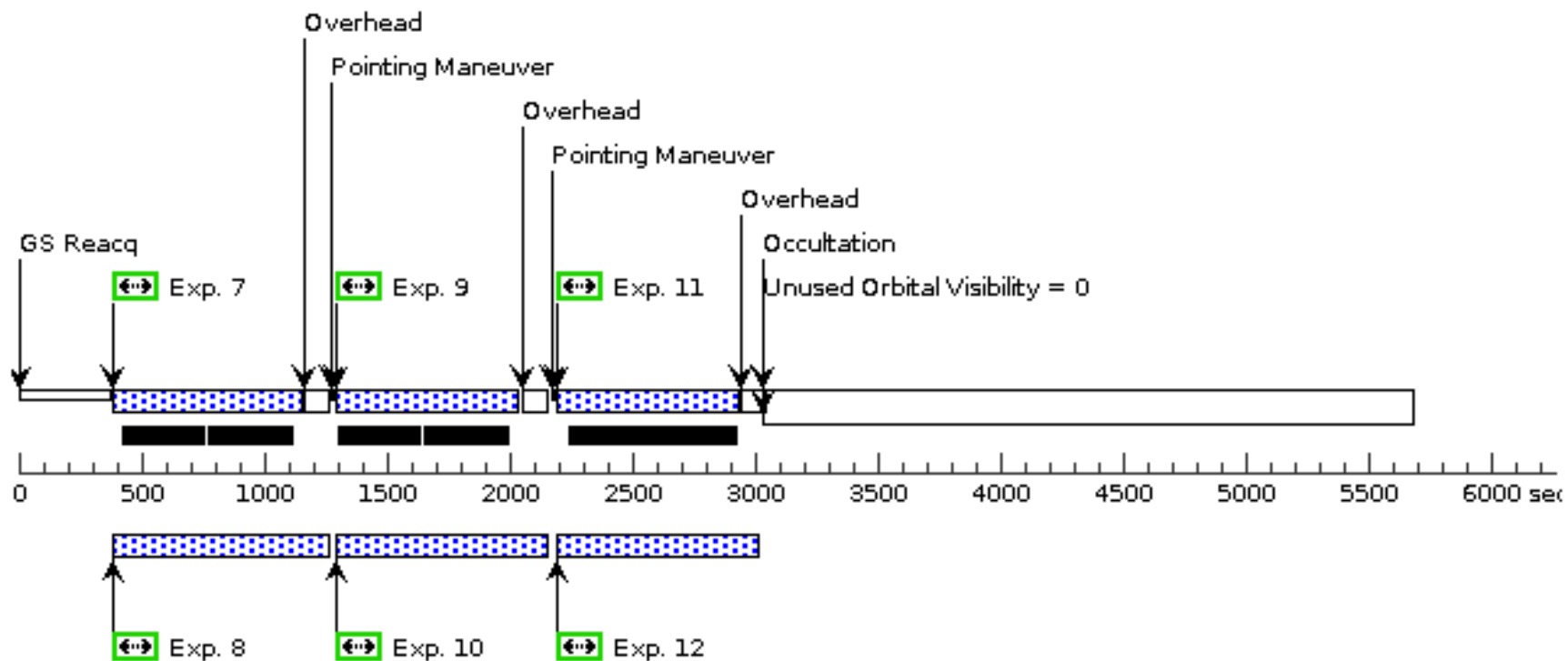
Proposal 17212 - Visit 02 - Caught in the Act: The Hierarchical Formation of Abell 1185

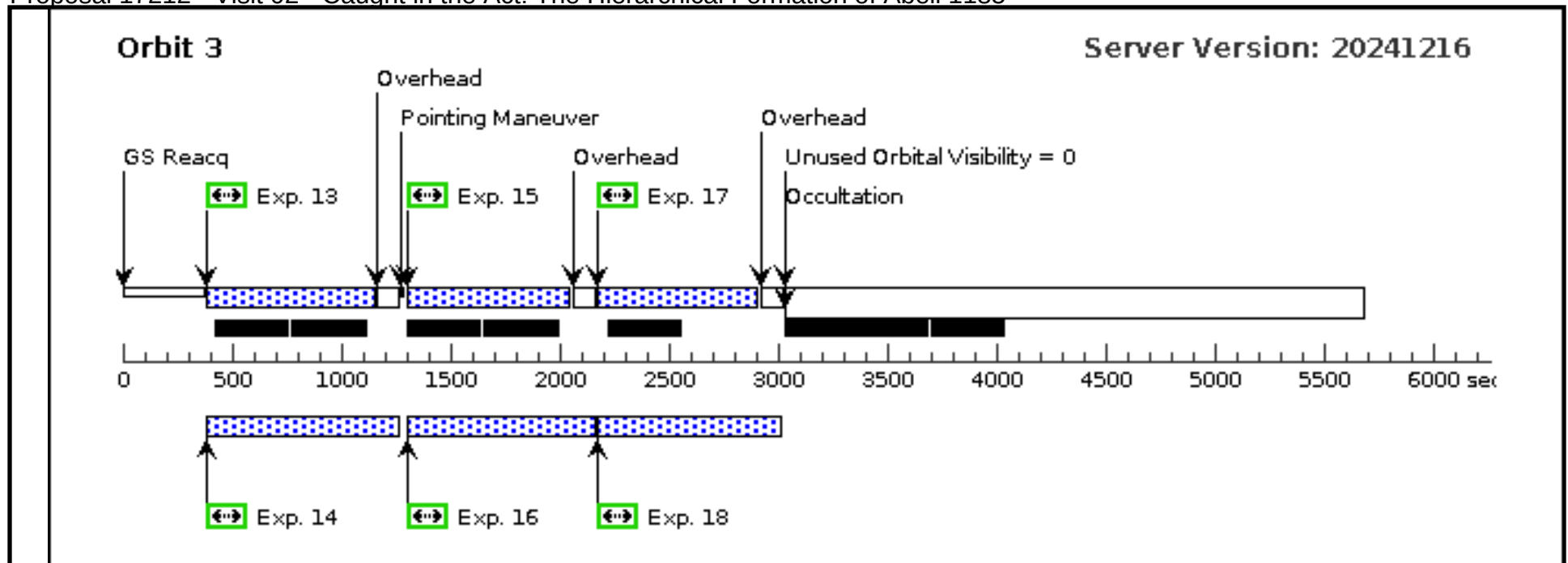
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) ABELL-1185-F2	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 02	720 Secs (720 Secs)	
									[==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 02	740 Secs (660 Secs)	
									[==>660.0 Secs]	[1]
	3		(2) ABELL-1185-F2	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 02	751 Secs (751 Secs)	
									[==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 02	785 Secs (724 Secs)	
									[==>724.0 Secs]	[1]
	5		(2) ABELL-1185-F2	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 02	720 Secs (720 Secs)	
									[==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 02	655 Secs (670 Secs)	
									[==>670.0 Secs]	[1]
	7		(2) ABELL-1185-F2	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 02	747 Secs (747 Secs)	
									[==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 02	780 Secs (720 Secs)	
									[==>720.0 Secs]	[2]
	9		(2) ABELL-1185-F2	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 02	747 Secs (747 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 02	795 Secs (737 Secs)	
									[==>737.0 Secs]	[2]
	11		(2) ABELL-1185-F2	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 02	715 Secs (715 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 02	655 Secs (660 Secs)	
									[==>660.0 Secs]	[2]
	13		(2) ABELL-1185-F2	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 02	747 Secs (747 Secs)	
									[==>747.0 Secs]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 02	780 Secs (720 Secs)	
									[==>720.0 Secs]	[3]
	15		(2) ABELL-1185-F2	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 02	747 Secs (747 Secs)	
									[==>747.0 Secs]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 02	820 Secs (737 Secs)	
									[==>737.0 Secs]	[3]
	17		(2) ABELL-1185-F2	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 02	711 Secs (711 Secs)	
									[==>711.0 Secs]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 02	655 Secs (679 Secs)	
									[==>679.0 Secs]	[3]



Orbit 2

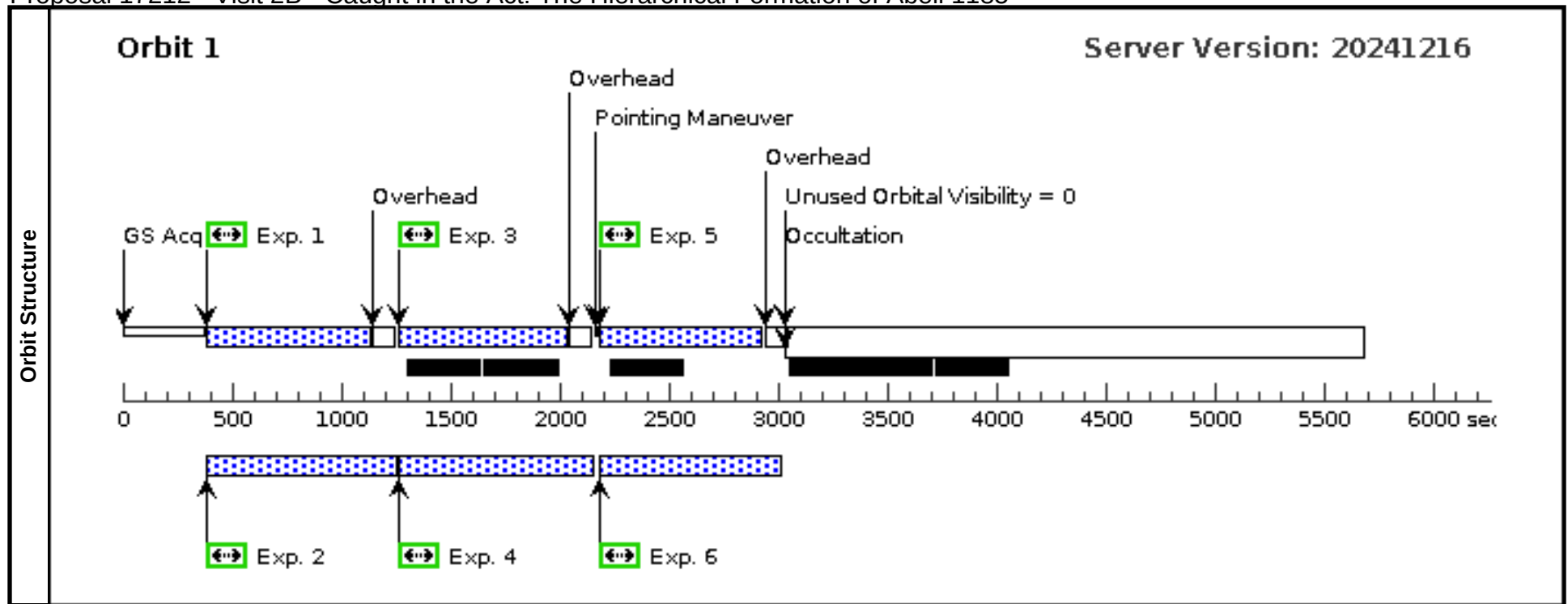
Server Version: 20241216





Proposal 17212 - Visit 2B - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 2B, implementation										Mon Jan 27 14:00:52 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS, ACS/WFC											
	Special Requirements: ORIENT 258D TO 262 D											
	Comments: repeat of failed Visit 2 with changed orientation and slight position adjustment											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous						
	(14)	ABELL-1185-F2-NEW	RA: 11 11 14.3543 (167.8098096d) Dec: +28 44 55.36 (28.74871d) Equinox: J2000		V=28.3+/-0.25	Reference Frame: ICRS						
	Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(14) ABELL-1185-F2-NEW	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85; GS ACQ SCENARI O BASE103	Prime + Parallel Group 1-2 in Visit 2B	720 Secs (720 Secs) [==>]			
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 2B	740 Secs (660 Secs) [==>660.0 Secs]	[1]		
	3		(14) ABELL-1185-F2-NEW	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 2B	751 Secs (751 Secs) [==>]	[1]		
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 2B	785 Secs (724 Secs) [==>724.0 Secs]	[1]		
	5		(14) ABELL-1185-F2-NEW	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 2B	720 Secs (720 Secs) [==>]	[1]		
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 2B	655 Secs (670 Secs) [==>670.0 Secs]	[1]		

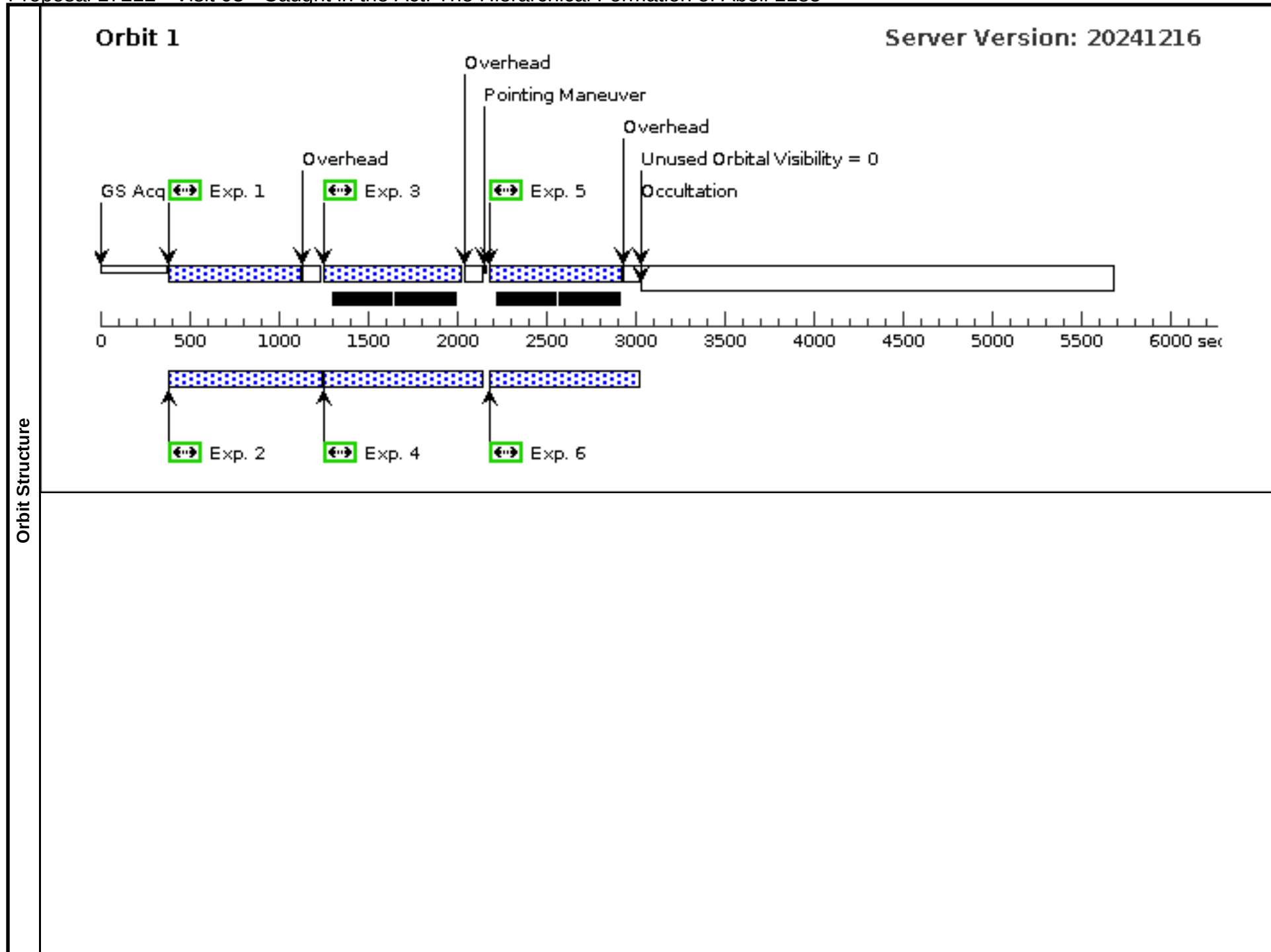


Proposal 17212 - Visit 03 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 03, completed Mon Jan 27 14:00:52 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 290D TO 290 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	ABELL-1185-F3	RA: 11 11 1.7487 (167.7572862d) Dec: +28 43 47.70 (28.72992d) Equinox: J2000		V=28.3+/-0.25
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES					
Reference Frame: ICRS					

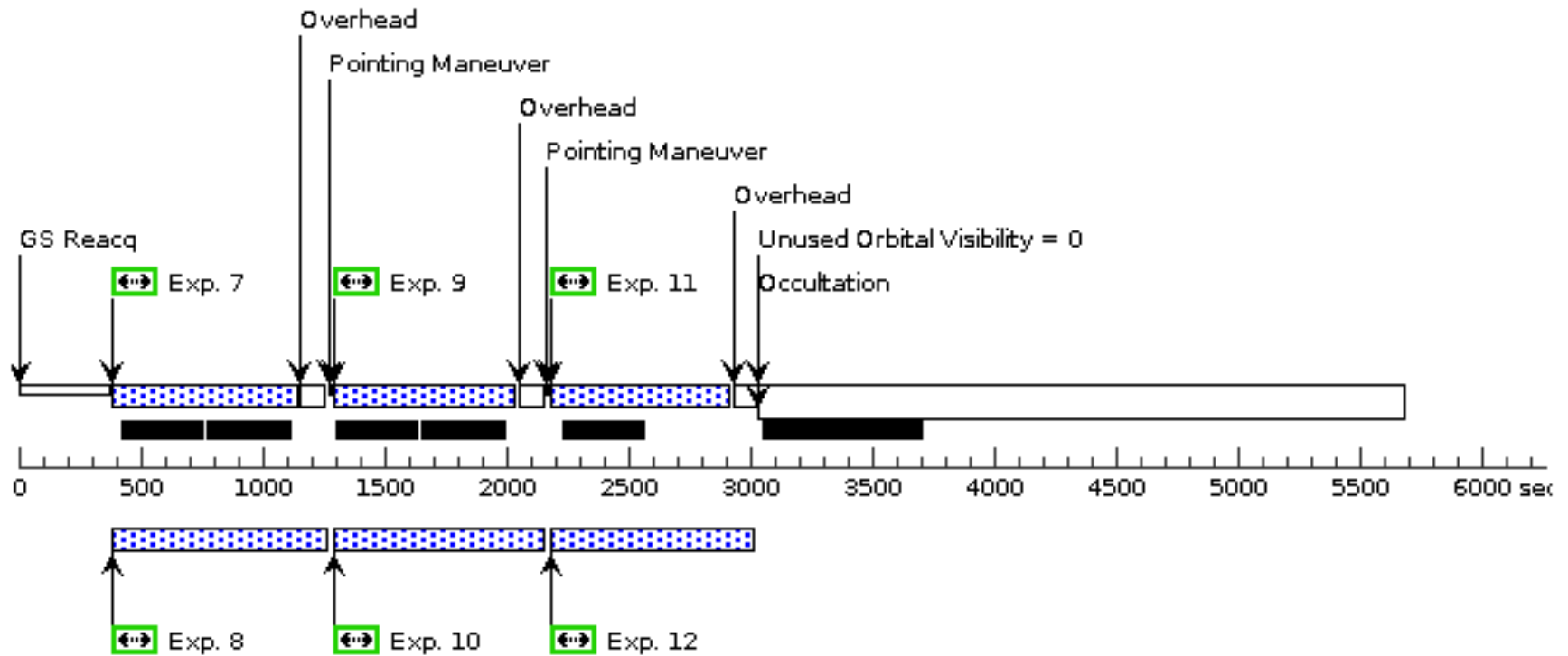
Proposal 17212 - Visit 03 - Caught in the Act: The Hierarchical Formation of Abell 1185

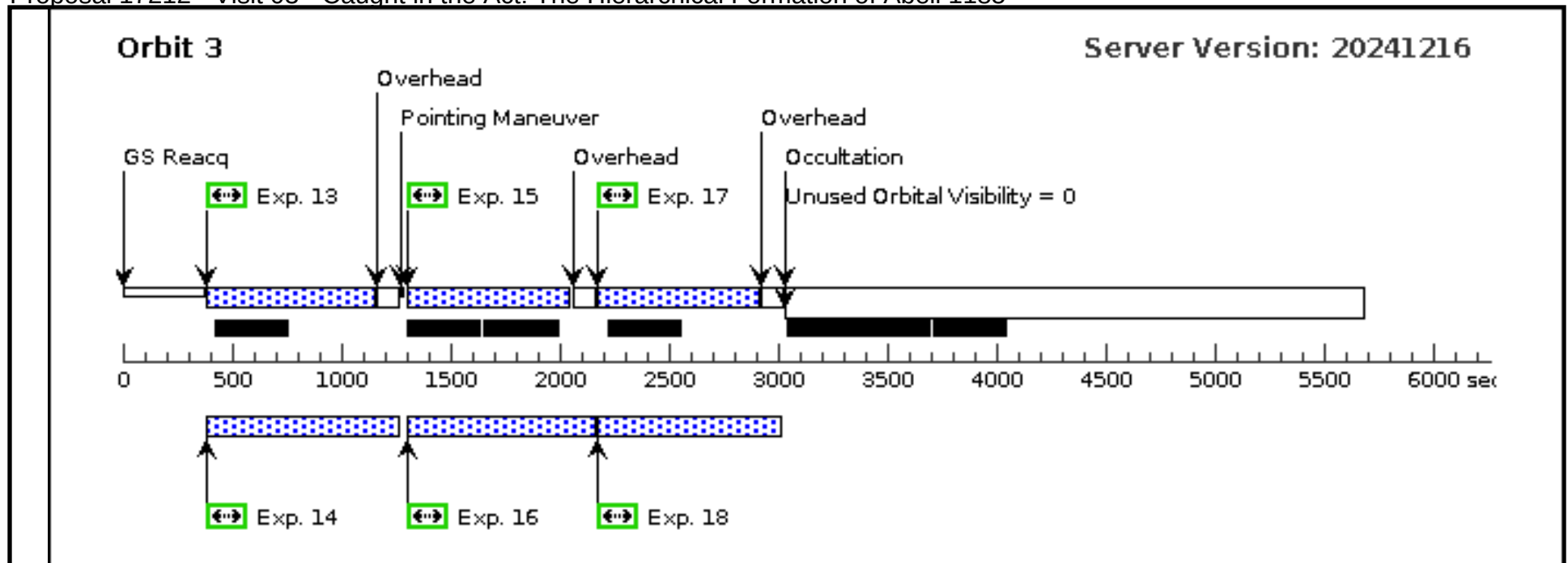
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) ABELL-1185-F3	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 03	715 Secs (715 Secs) [==>715.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 03	740 Secs (655 Secs) [==>655.0 Secs]	[1]
	3		(3) ABELL-1185-F3	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 03	752 Secs (752 Secs) [==>752.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 03	785 Secs (725 Secs) [==>725.0 Secs]	[1]
	5		(3) ABELL-1185-F3	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 03	720 Secs (720 Secs) [==>720.0 Secs]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 03	655 Secs (674 Secs) [==>674.0 Secs]	[1]
	7		(3) ABELL-1185-F3	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 03	747 Secs (744 Secs) [==>744.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 03	780 Secs (717 Secs) [==>717.0 Secs]	[2]
	9		(3) ABELL-1185-F3	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 03	747 Secs (744 Secs) [==>744.0 Secs]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 03	795 Secs (734 Secs) [==>734.0 Secs]	[2]
	11		(3) ABELL-1185-F3	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 03	715 Secs (712 Secs) [==>712.0 Secs]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 03	655 Secs (666 Secs) [==>666.0 Secs]	[2]
	13		(3) ABELL-1185-F3	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 03	747 Secs (747 Secs) [==>747.0 Secs]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 03	780 Secs (720 Secs) [==>720.0 Secs]	[3]
	15		(3) ABELL-1185-F3	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 03	747 Secs (747 Secs) [==>747.0 Secs]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 03	820 Secs (737 Secs) [==>737.0 Secs]	[3]
	17		(3) ABELL-1185-F3	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 03	715 Secs (715 Secs) [==>715.0 Secs]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 03	655 Secs (679 Secs) [==>679.0 Secs]	[3]



Orbit 2

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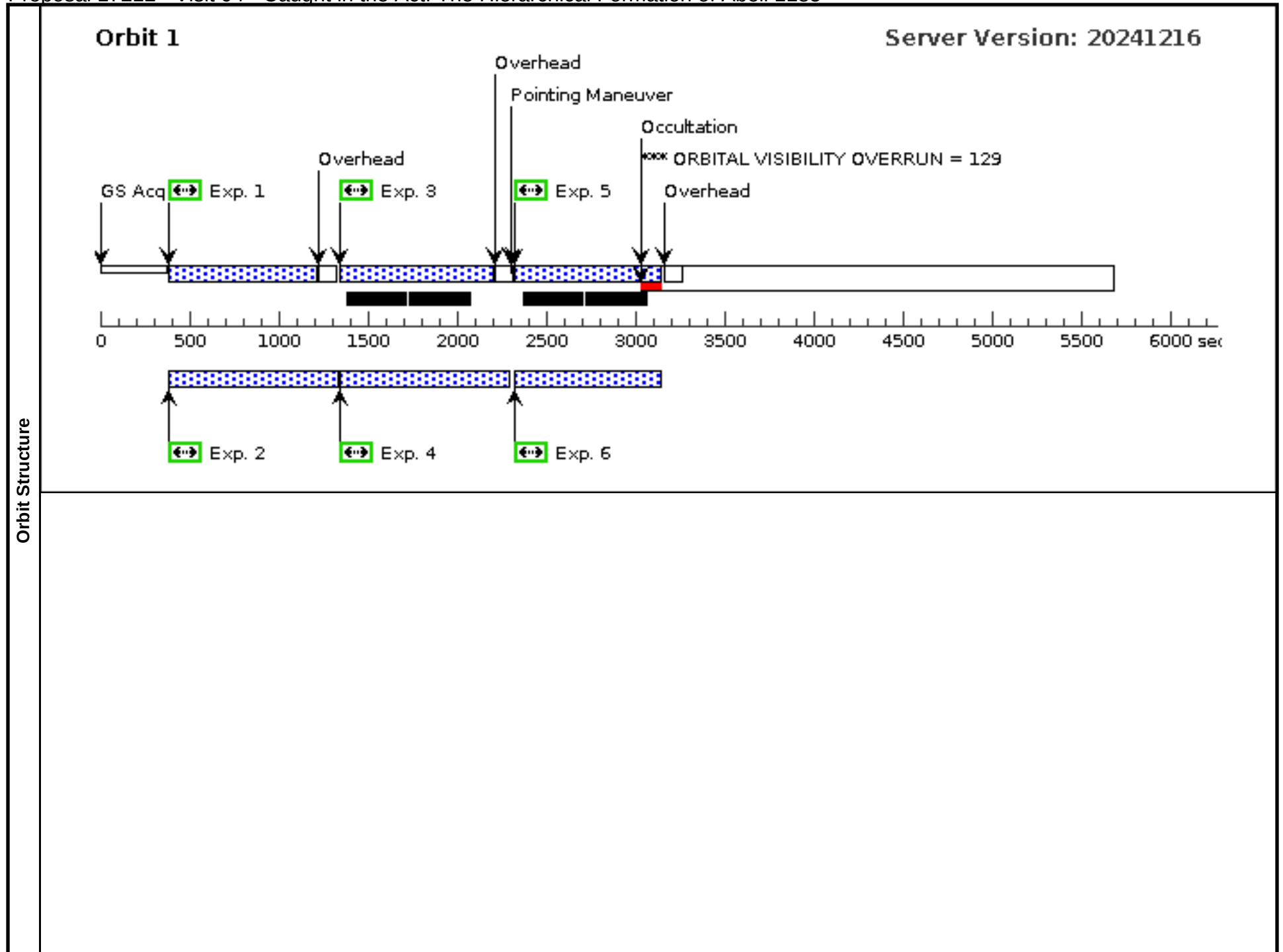


Proposal 17212 - Visit 04 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 04, failed Mon Jan 27 14:00:52 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 141.5D TO 141.5 D				
Diagnostics	(Visit 04) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 04) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 04) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(4)	ABELL-1185-F4	RA: 11 10 51.8175 (167.7159062d) Dec: +28 42 57.20 (28.71589d) Equinox: J2000		V=28.3+/-0.25
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES				

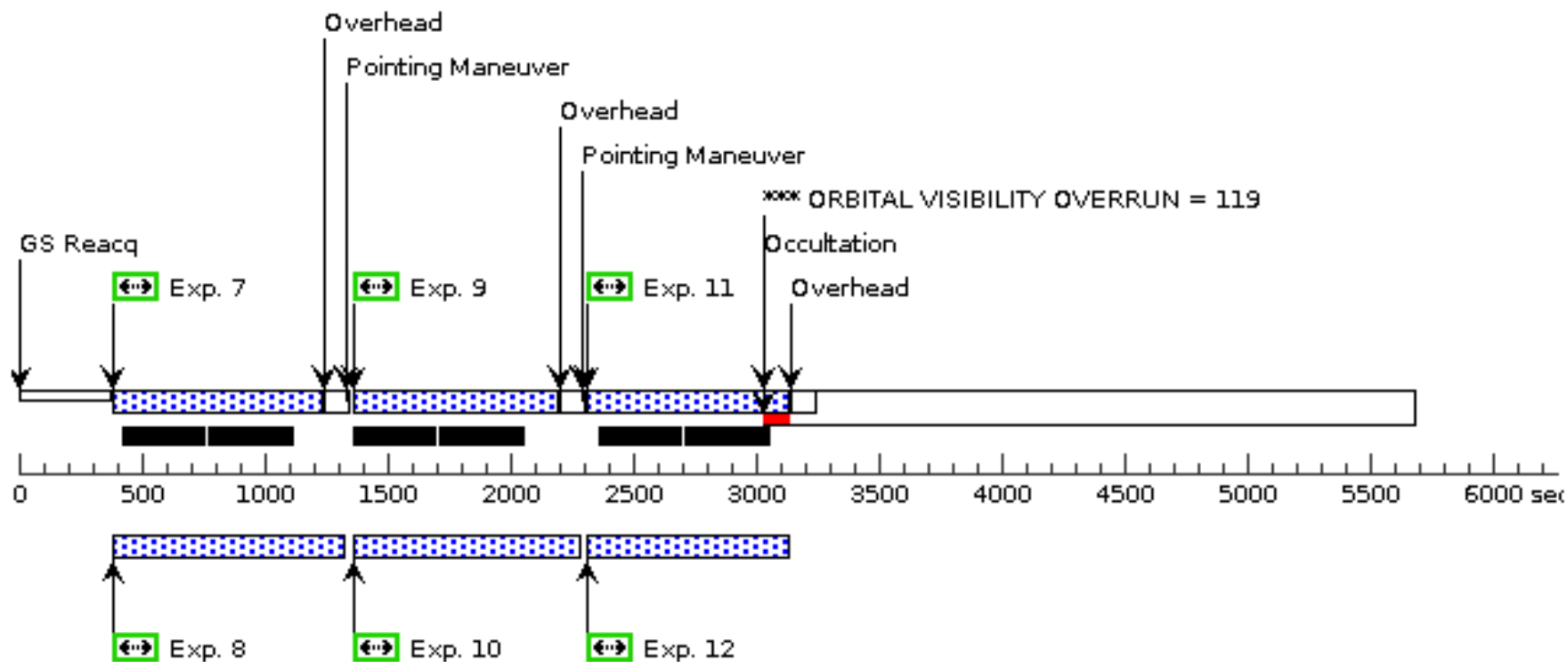
Proposal 17212 - Visit 04 - Caught in the Act: The Hierarchical Formation of Abell 1185

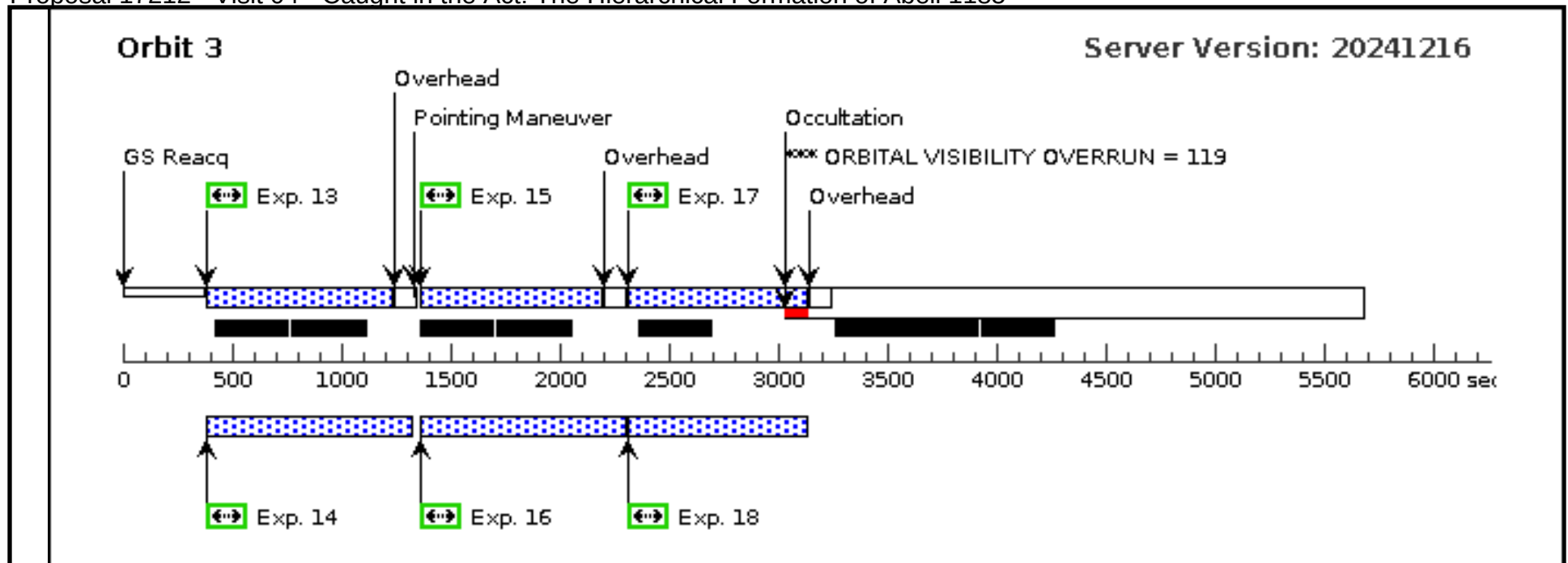
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 04	800 Secs (800 Secs)	
									[==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 04	740 Secs (740 Secs)	
									[==>]	[1]
	3		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 04	835 Secs (835 Secs)	
									[==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 04	785 Secs (785 Secs)	
									[==>]	[1]
	5		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 04	800 Secs (800 Secs)	
									[==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 04	655 Secs (655 Secs)	
									[==>]	[1]
	7		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 04	830 Secs (830 Secs)	
									[==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 04	780 Secs (780 Secs)	
									[==>]	[2]
	9		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 04	830 Secs (830 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 04	795 Secs (795 Secs)	
									[==>]	[2]
	11		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 04	795 Secs (795 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 04	655 Secs (655 Secs)	
									[==>]	[2]
	13		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 04	830 Secs (830 Secs)	
									[==>]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 04	780 Secs (780 Secs)	
									[==>]	[3]
	15		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 04	830 Secs (830 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 04	820 Secs (820 Secs)	
									[==>]	[3]
	17		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 04	795 Secs (795 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 04	655 Secs (655 Secs)	
									[==>]	[3]



Orbit 2

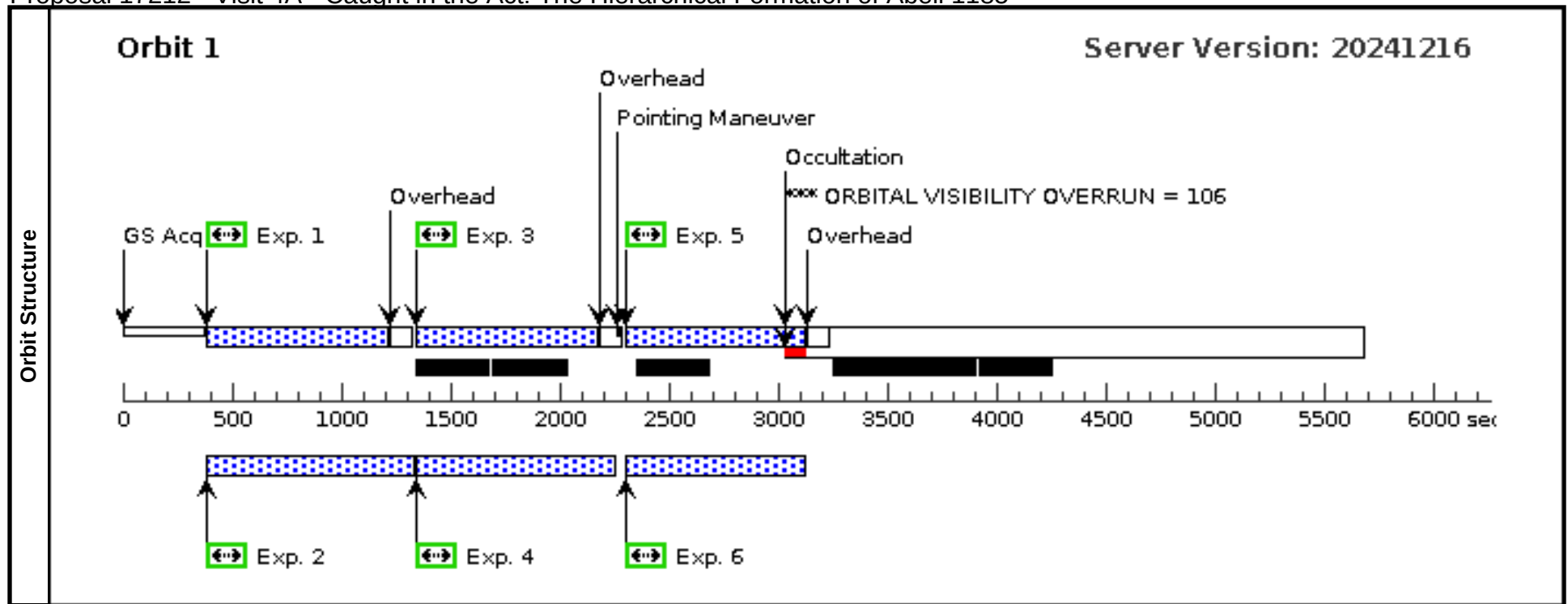
Server Version: 20241216





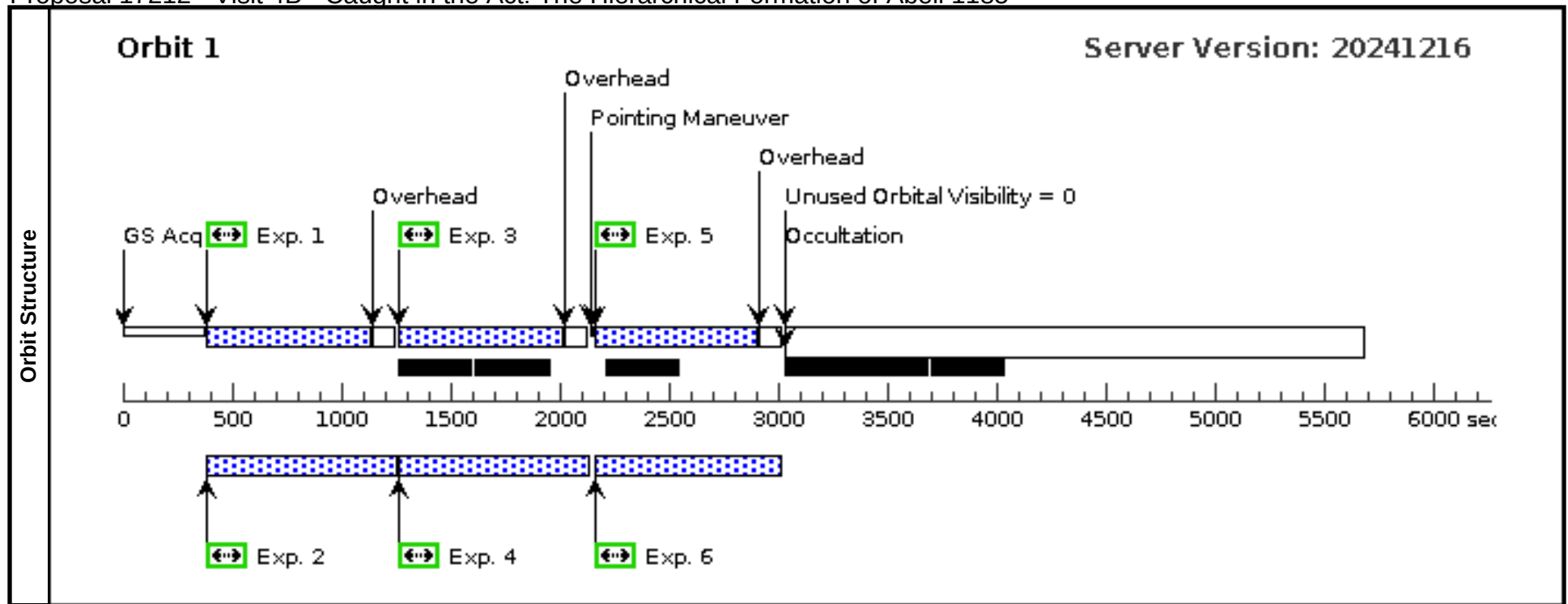
Proposal 17212 - Visit 4A - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 4A, failed										Mon Jan 27 14:00:52 GMT 2025	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS, ACS/WFC											
	Special Requirements: ORIENT 139.5D TO 141.5 D											
Comments: HOPR copy of visit 04												
Diagnostics	(Visit 4A) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	ABELL-1185-F4	RA: 11 10 51.8175 (167.7159062d)					V=28.3+/-0.25		Reference Frame: ICRS		
			Dec: +28 42 57.20 (28.71589d)									
			Equinox: J2000									
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX		F475X		POS TARG -2.85,-2.85	Prime + Parallel Gro up 1-2 in Visit 4A	800 Secs (800 Secs)		
										[==>]		[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX		F475W			Prime + Parallel Gro up 1-2 in Visit 4A	740 Secs (740 Secs)		
										[==>]		[1]
	3		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX		F475X		SAME POS AS 1	Prime + Parallel Gro up 3-4 in Visit 4A	835 Secs (835 Secs)		
										[==>]		[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX		F475W			Prime + Parallel Gro up 3-4 in Visit 4A	785 Secs (785 Secs)		
										[==>]		[1]
	5		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX		F600LP		POS TARG -0.95,-0.95	Prime + Parallel Gro up 5-6 in Visit 4A	800 Secs (800 Secs)		
										[==>]		[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX		F814W			Prime + Parallel Gro up 5-6 in Visit 4A	655 Secs (655 Secs)		
									[==>]		[1]	



Proposal 17212 - Visit 4B - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 4B, scheduling										Mon Jan 27 14:00:52 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS, ACS/WFC											
	Special Requirements: ORIENT 135D TO 145 D											
	Comments: HOPR copy of visit 4A.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	ABELL-1185-F4	RA: 11 10 51.8175 (167.7159062d)					V=28.3+/-0.25		Reference Frame: ICRS		
			Dec: +28 42 57.20 (28.71589d)									
			Equinox: J2000									
		Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES										
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX		F475X		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 4B	720 Secs (720 Secs)		
										[==>720.0 Secs]		[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX		F475W			Prime + Parallel Group 1-2 in Visit 4B	740 Secs (660 Secs)		
										[==>660.0 Secs]		[1]
	3		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX		F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 4B	752 Secs (752 Secs)		
										[==>752.0 Secs]		[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX		F475W			Prime + Parallel Group 3-4 in Visit 4B	785 Secs (742 Secs)		
										[==>742.0 Secs]		[1]
	5		(4) ABELL-1185-F4	WFC3/UVIS, ACCUM, UVIS-FIX		F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 4B	720 Secs (720 Secs)		
										[==>720.0 Secs]		[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX		F814W			Prime + Parallel Group 5-6 in Visit 4B	655 Secs (692 Secs)		
										[==>692.0 Secs]		[1]

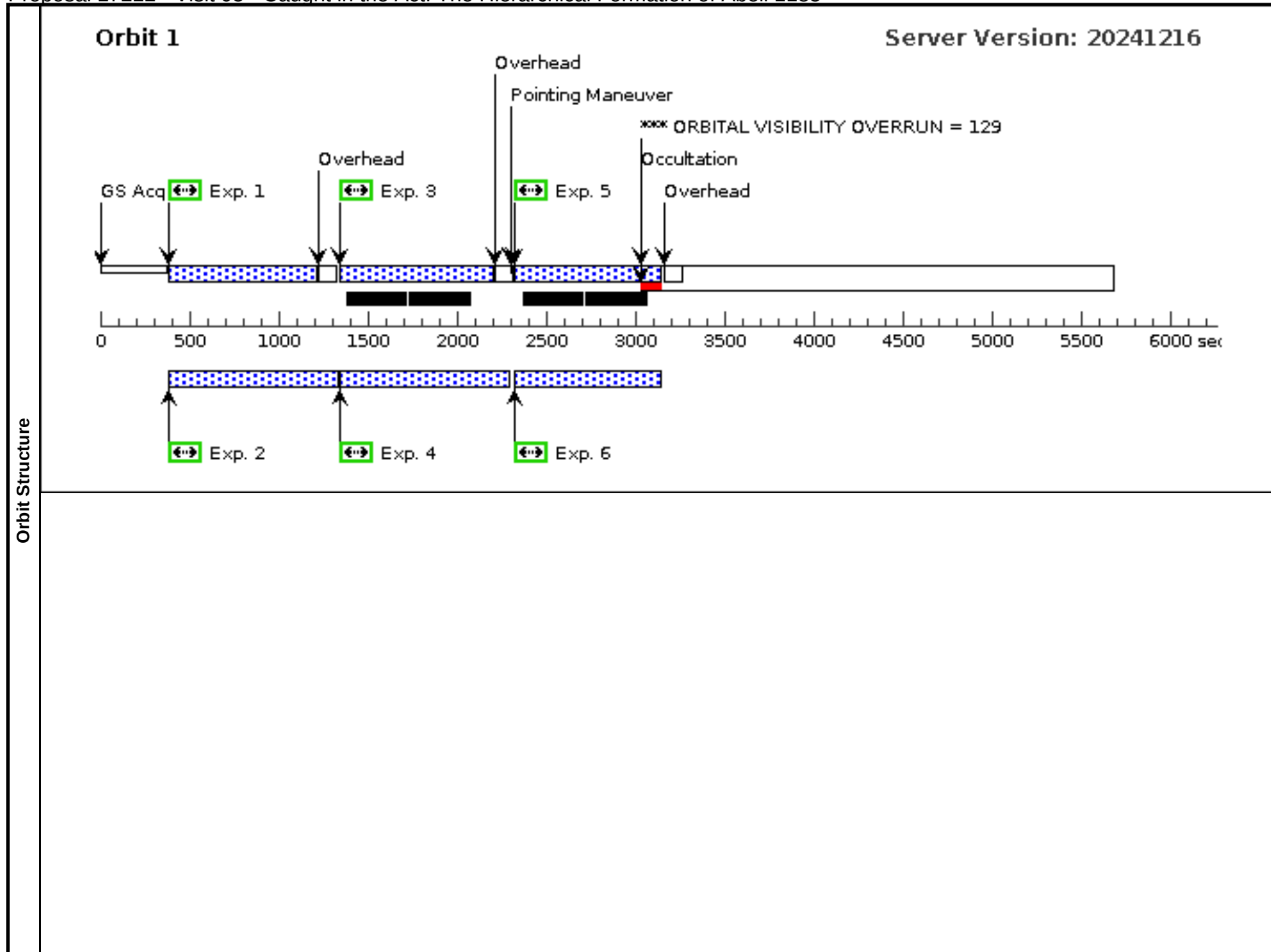


Proposal 17212 - Visit 05 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 05, completed Mon Jan 27 14:00:52 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 290.0D TO 290.0 D				
Diagnostics	(Visit 05) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 05) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 05) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	ABELL-1185-F5	RA: 11 10 42.6146 (167.6775608d) Dec: +28 42 8.68 (28.70241d) Equinox: J2000		V=28.3+/-0.25
	Miscellaneous				
	Reference Frame: ICRS				
	Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES				

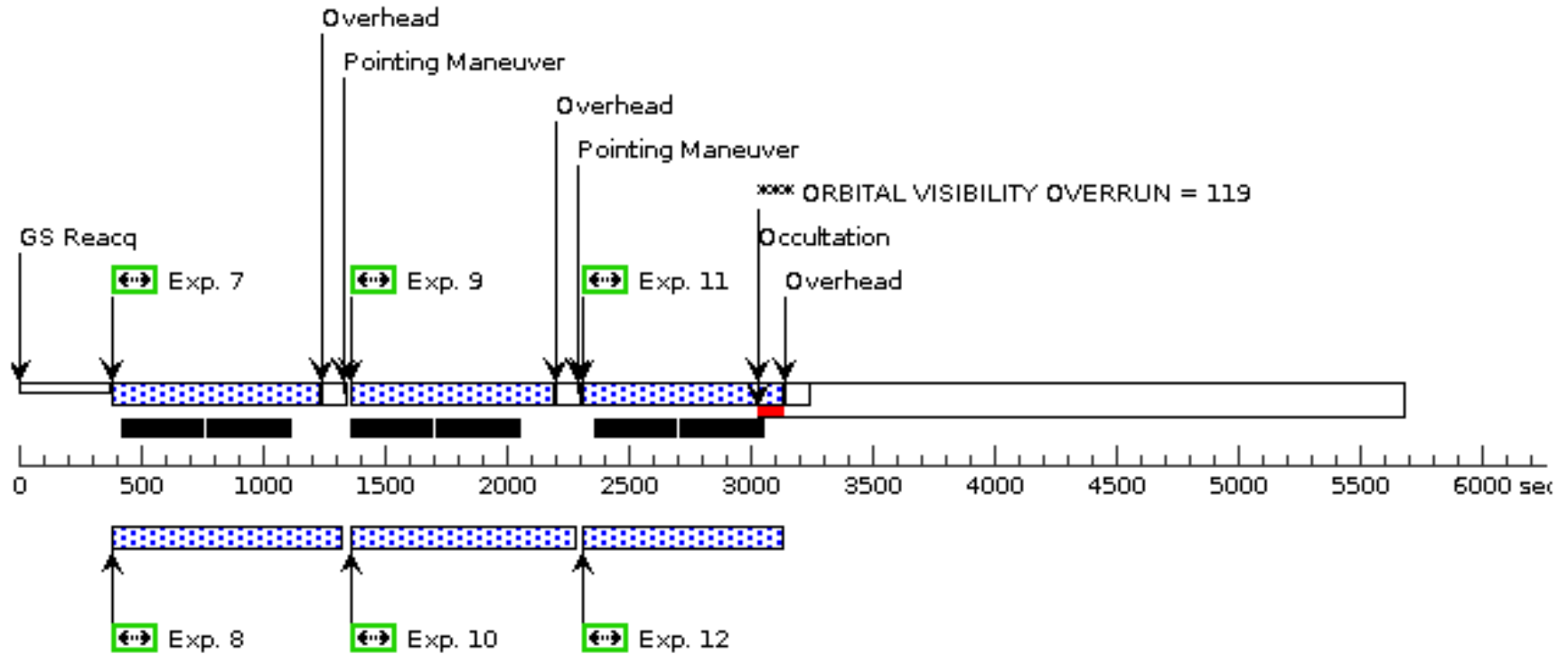
Proposal 17212 - Visit 05 - Caught in the Act: The Hierarchical Formation of Abell 1185

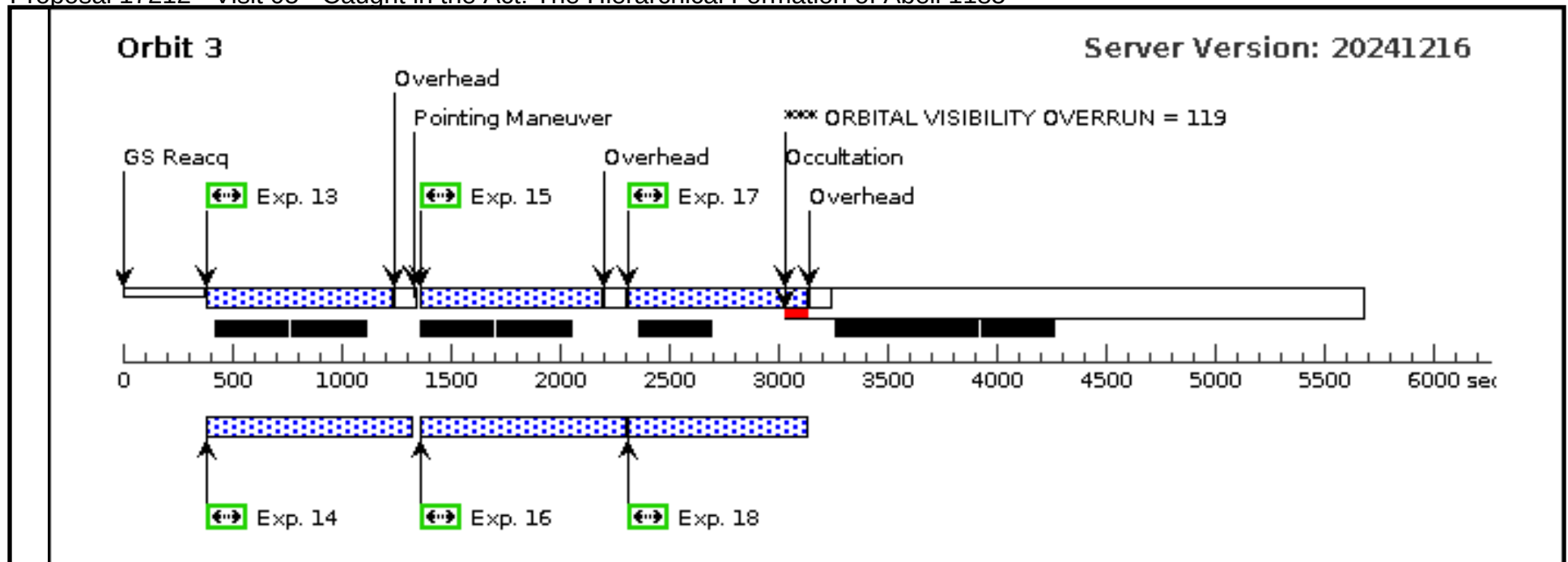
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) ABELL-1185-F5	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 05	800 Secs (800 Secs)	
									[==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 05	740 Secs (740 Secs)	
									[==>]	[1]
	3		(5) ABELL-1185-F5	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 05	835 Secs (835 Secs)	
									[==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 05	785 Secs (785 Secs)	
									[==>]	[1]
	5		(5) ABELL-1185-F5	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 05	800 Secs (800 Secs)	
									[==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 05	655 Secs (655 Secs)	
									[==>]	[1]
	7		(5) ABELL-1185-F5	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 05	830 Secs (830 Secs)	
									[==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 05	780 Secs (780 Secs)	
									[==>]	[2]
	9		(5) ABELL-1185-F5	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 05	830 Secs (830 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 05	795 Secs (795 Secs)	
									[==>]	[2]
	11		(5) ABELL-1185-F5	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 05	795 Secs (795 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 05	655 Secs (655 Secs)	
									[==>]	[2]
	13		(5) ABELL-1185-F5	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 05	830 Secs (830 Secs)	
									[==>]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 05	780 Secs (780 Secs)	
									[==>]	[3]
	15		(5) ABELL-1185-F5	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 05	830 Secs (830 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 05	820 Secs (820 Secs)	
									[==>]	[3]
	17		(5) ABELL-1185-F5	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 05	795 Secs (795 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 05	655 Secs (655 Secs)	
									[==>]	[3]



Orbit 2

Server Version: 20241216



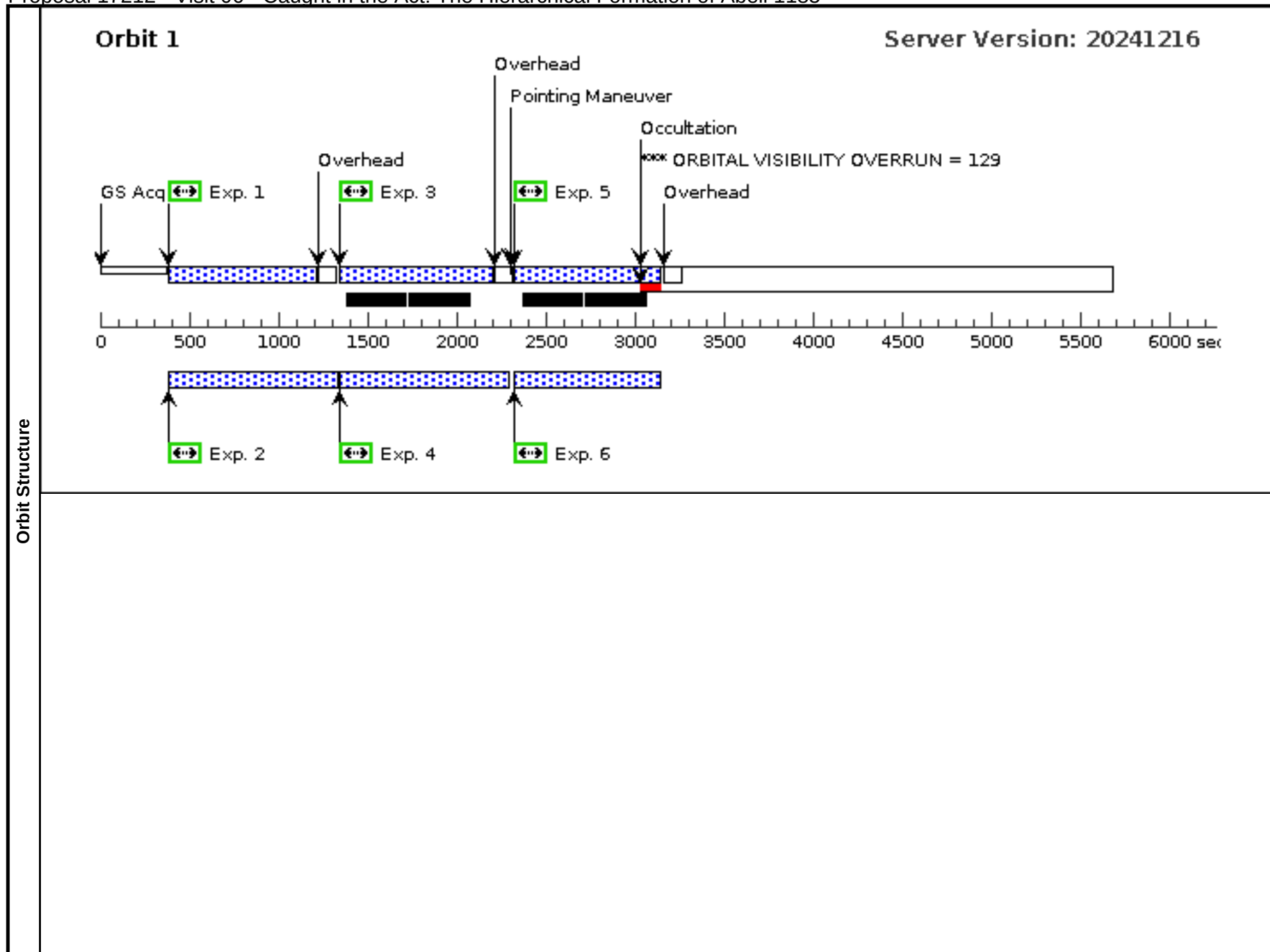


Proposal 17212 - Visit 06 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 06, completed Mon Jan 27 14:00:52 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 116.9D TO 116.9 D				
Diagnostics	(Visit 06) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 06) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 06) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	ABELL-1185-F6	RA: 11 10 28.9292 (167.6205383d) Dec: +28 42 22.60 (28.70628d) Equinox: J2000		V=28.3+/-0.25
	Miscellaneous: Reference Frame: ICRS				
	<i>Comments:</i> <i>Category=CLUSTER OF GALAXIES</i> <i>Description=[RICH CLUSTER]</i> <i>Extended=YES</i>				

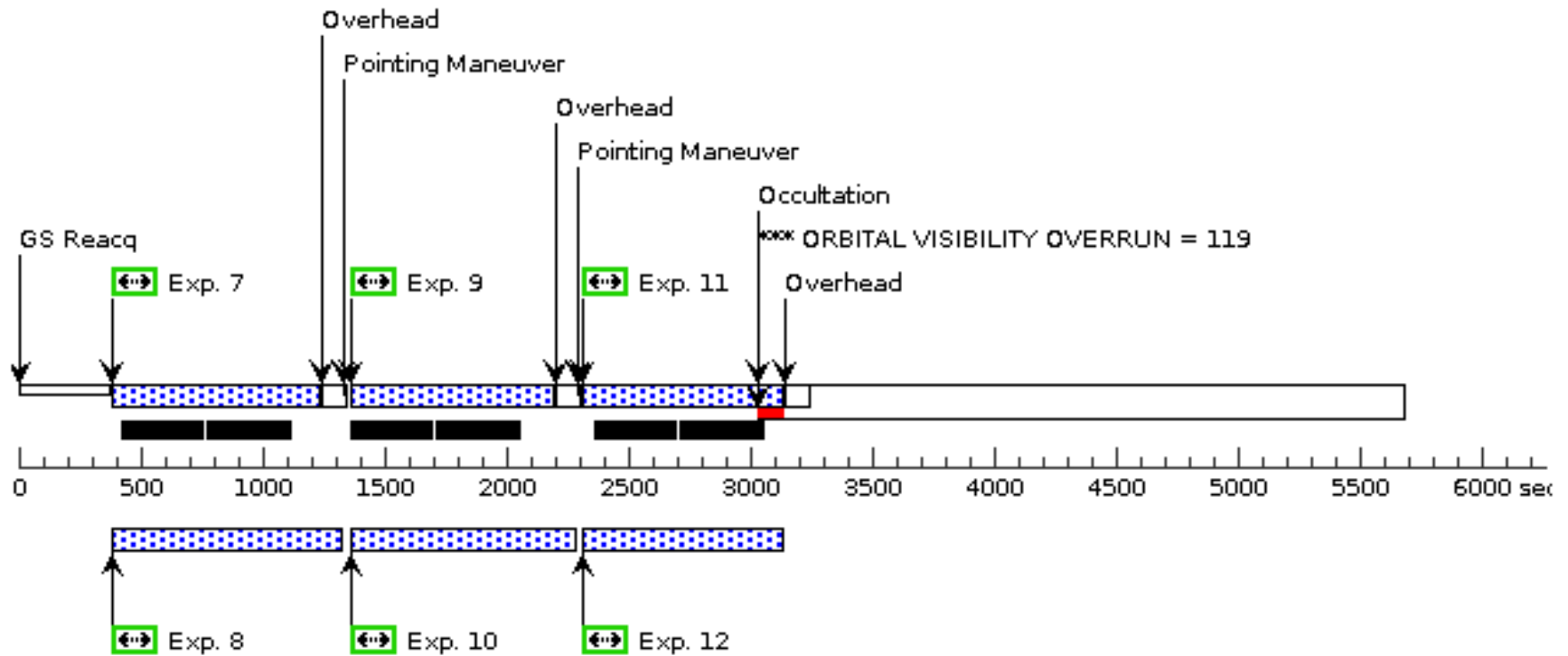
Proposal 17212 - Visit 06 - Caught in the Act: The Hierarchical Formation of Abell 1185

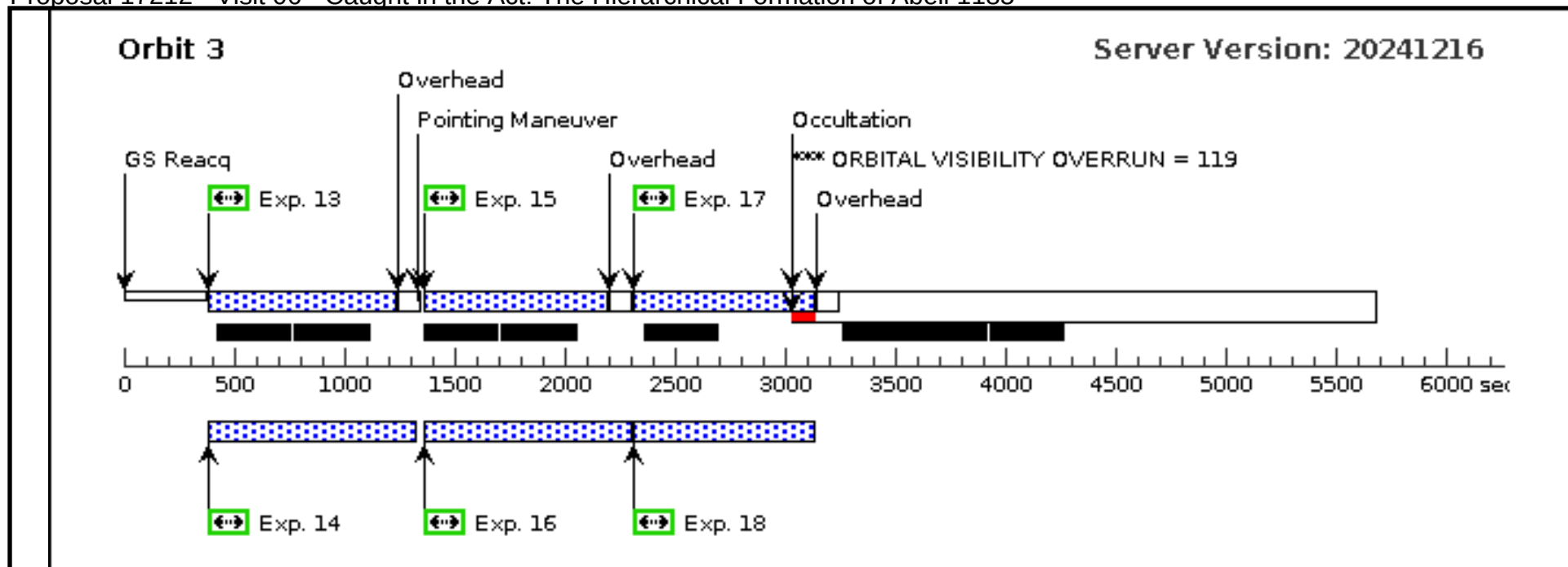
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) ABELL-1185-F6	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 06	800 Secs (800 Secs)	
									[==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 06	740 Secs (740 Secs)	
									[==>]	[1]
	3		(6) ABELL-1185-F6	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 06	835 Secs (835 Secs)	
									[==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 06	785 Secs (785 Secs)	
									[==>]	[1]
	5		(6) ABELL-1185-F6	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 06	800 Secs (800 Secs)	
									[==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 06	655 Secs (655 Secs)	
									[==>]	[1]
	7		(6) ABELL-1185-F6	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 06	830 Secs (830 Secs)	
									[==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 06	780 Secs (780 Secs)	
									[==>]	[2]
	9		(6) ABELL-1185-F6	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 06	830 Secs (830 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 06	795 Secs (795 Secs)	
									[==>]	[2]
	11		(6) ABELL-1185-F6	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 06	795 Secs (795 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 06	655 Secs (655 Secs)	
									[==>]	[2]
	13		(6) ABELL-1185-F6	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 06	830 Secs (830 Secs)	
									[==>]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 06	780 Secs (780 Secs)	
									[==>]	[3]
	15		(6) ABELL-1185-F6	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 06	830 Secs (830 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 06	820 Secs (820 Secs)	
									[==>]	[3]
	17		(6) ABELL-1185-F6	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 06	795 Secs (795 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 06	655 Secs (655 Secs)	
									[==>]	[3]



Orbit 2

Server Version: 20241216



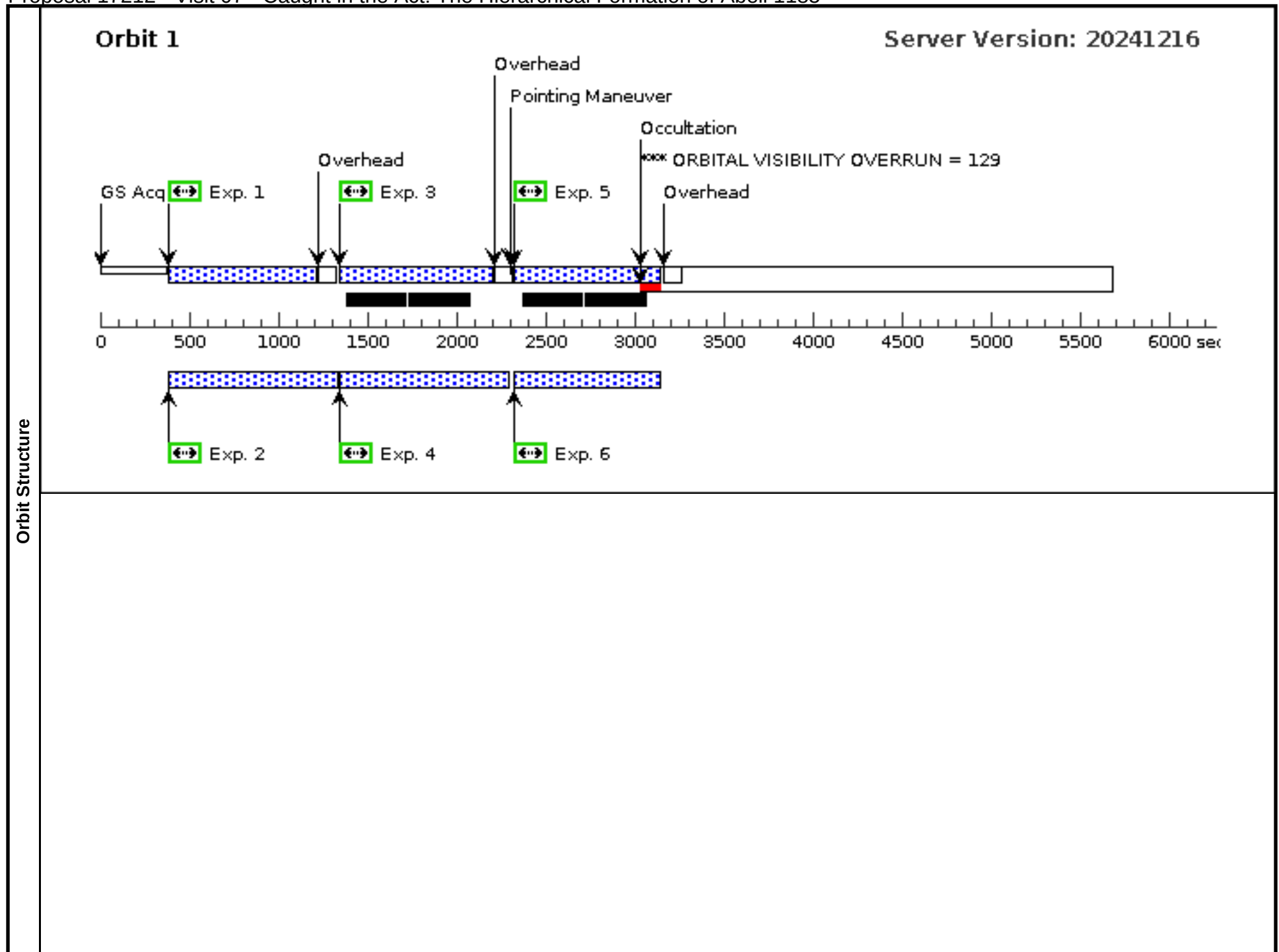


Proposal 17212 - Visit 07 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 07, failed Mon Jan 27 14:00:52 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 290.0D TO 290.0 D				
Diagnostics	(Visit 07) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 07) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 07) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	ABELL-1185-F7	RA: 11 10 56.5629 (167.7356788d) Dec: +28 46 11.58 (28.76988d) Equinox: J2000		V=28.3+/-0.25
Fixed Targets	Miscellaneous: Reference Frame: ICRS				
	Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES				

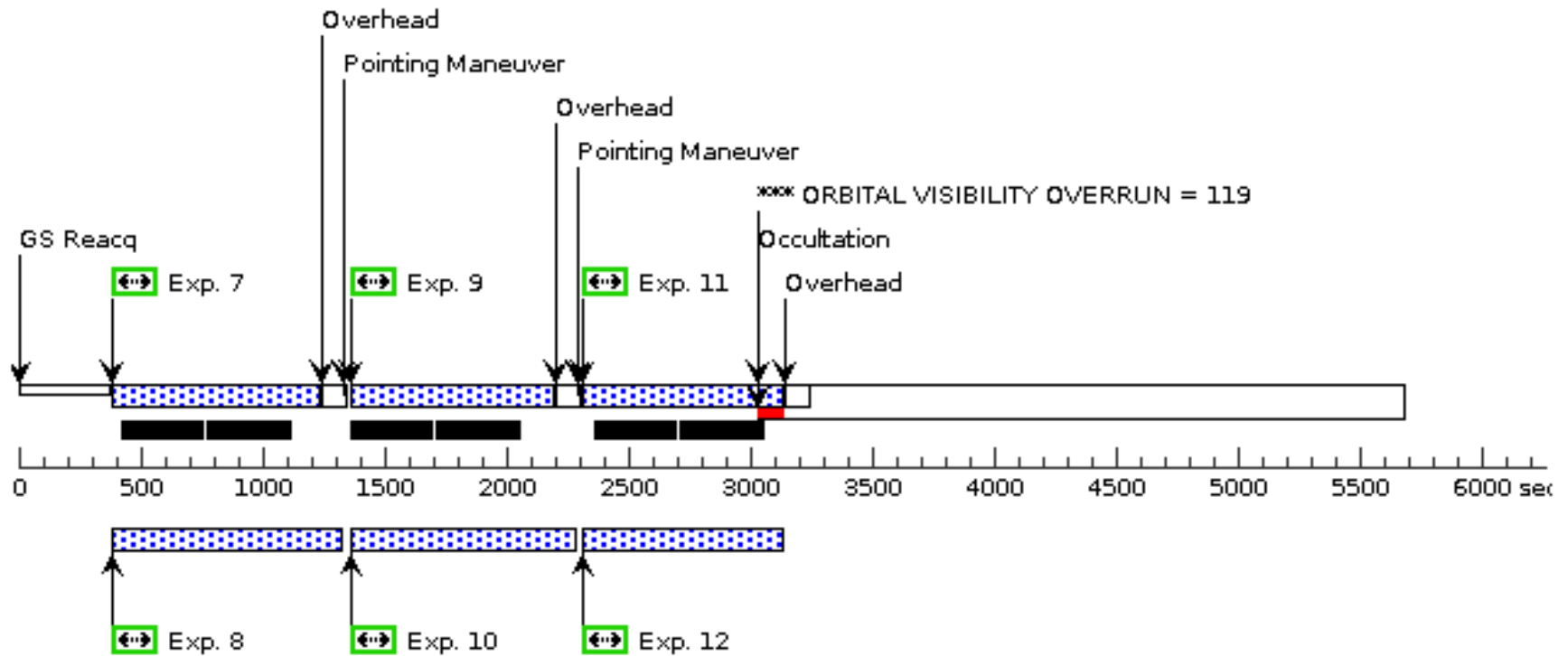
Proposal 17212 - Visit 07 - Caught in the Act: The Hierarchical Formation of Abell 1185

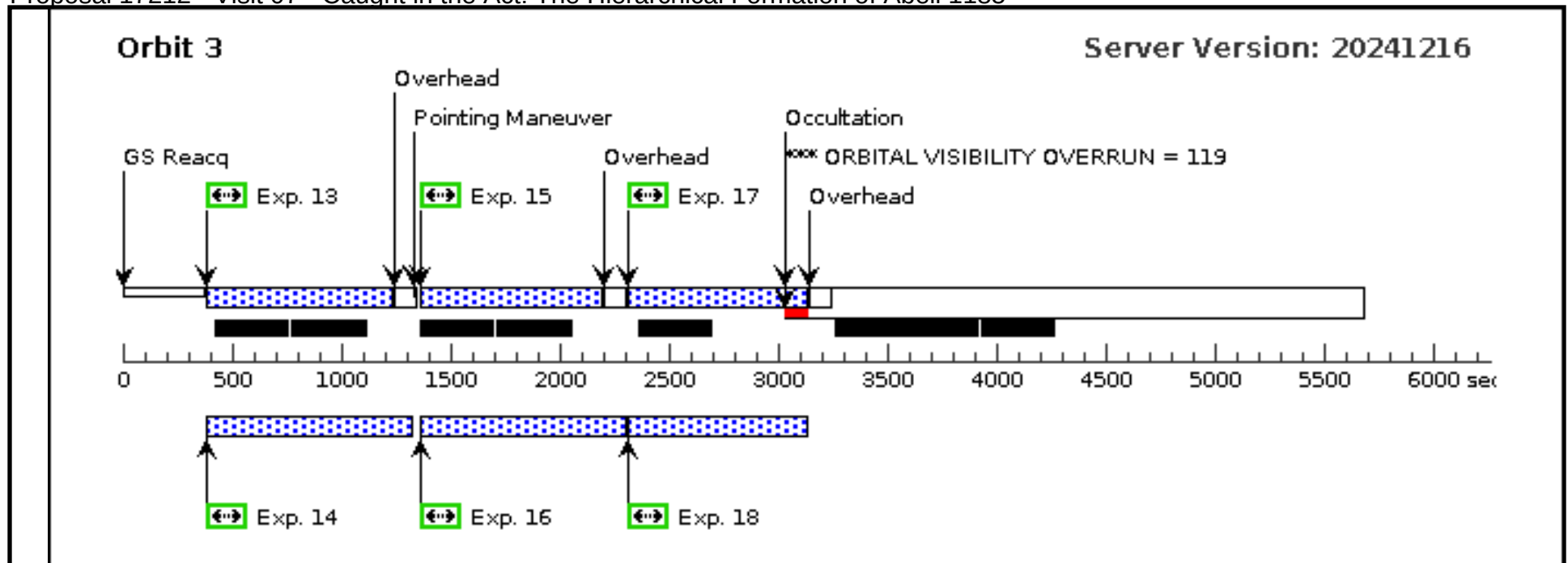
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 07	800 Secs (800 Secs)	
									[==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 07	740 Secs (740 Secs)	
									[==>]	[1]
	3		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 07	835 Secs (835 Secs)	
									[==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 07	785 Secs (785 Secs)	
									[==>]	[1]
	5		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 07	800 Secs (800 Secs)	
									[==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 07	655 Secs (655 Secs)	
									[==>]	[1]
	7		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 07	830 Secs (830 Secs)	
									[==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 07	780 Secs (780 Secs)	
									[==>]	[2]
	9		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 07	830 Secs (830 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 07	795 Secs (795 Secs)	
									[==>]	[2]
	11		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 07	795 Secs (795 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 07	655 Secs (655 Secs)	
									[==>]	[2]
	13		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 07	830 Secs (830 Secs)	
									[==>]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 07	780 Secs (780 Secs)	
									[==>]	[3]
	15		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 07	830 Secs (830 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 07	820 Secs (820 Secs)	
									[==>]	[3]
	17		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 07	795 Secs (795 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 07	655 Secs (655 Secs)	
									[==>]	[3]



Orbit 2

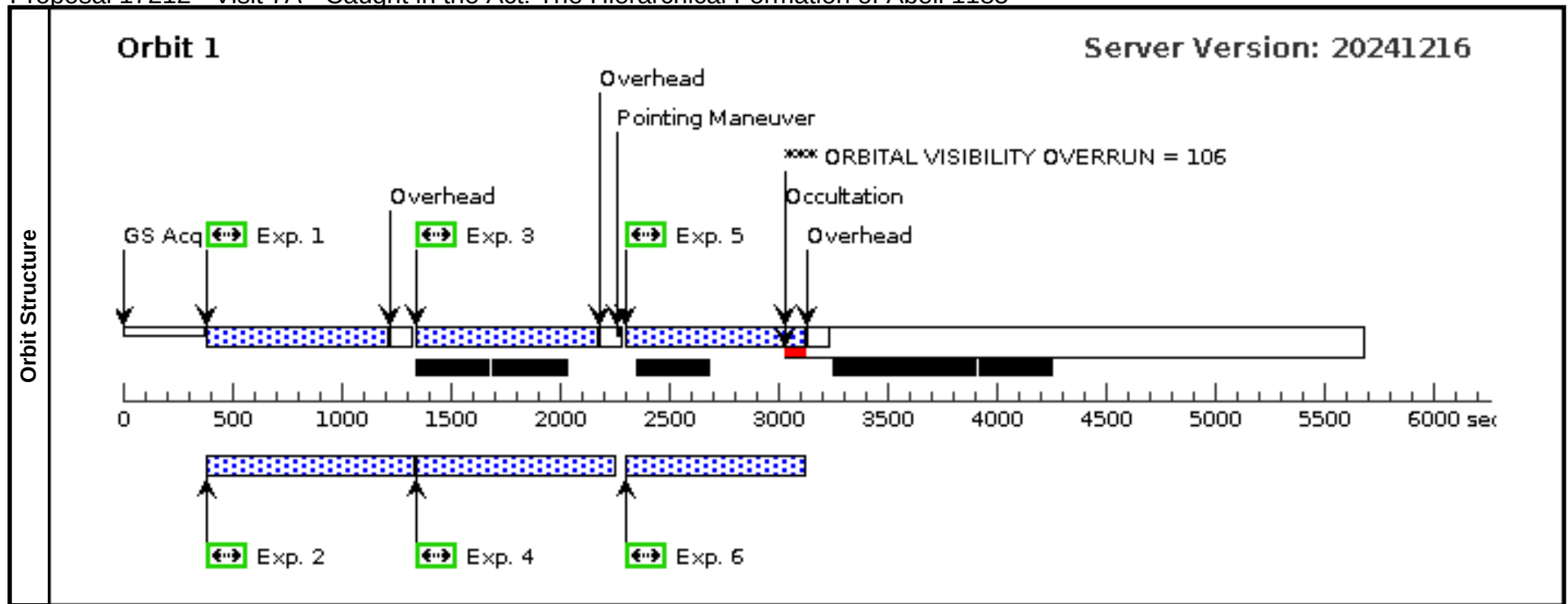
Server Version: 20241216





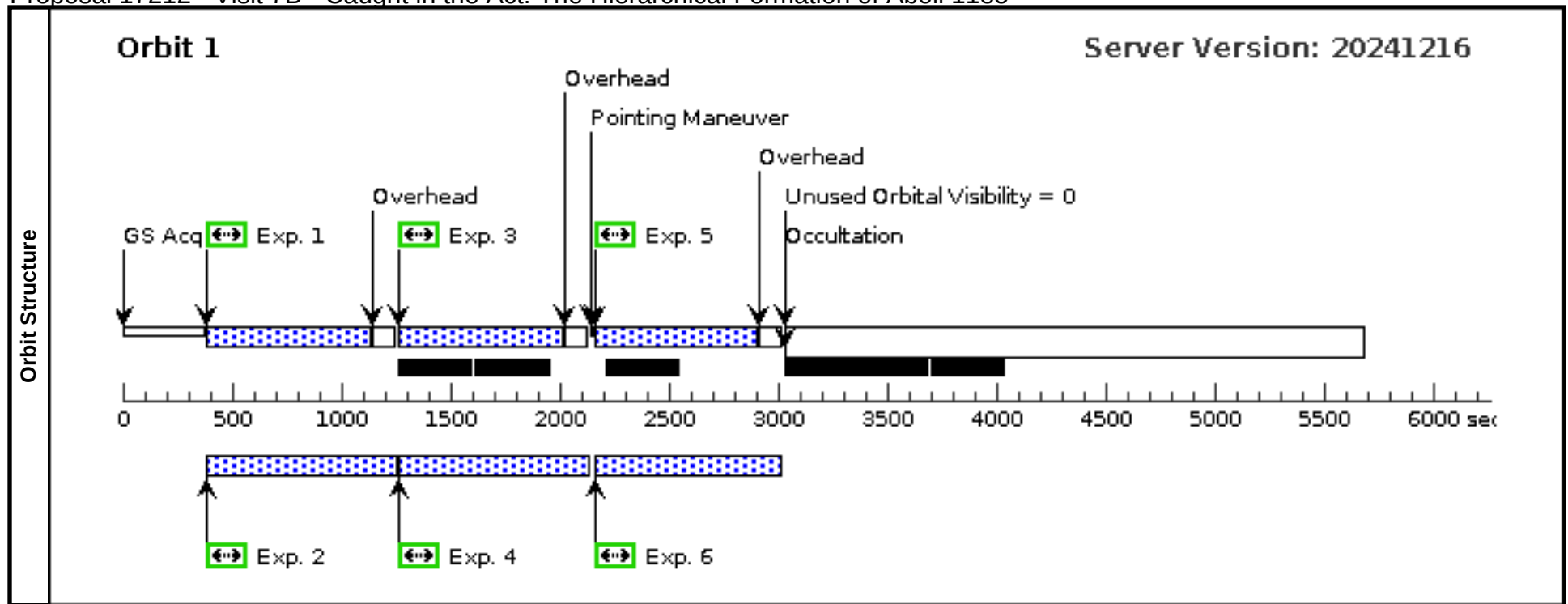
Proposal 17212 - Visit 7A - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 7A, failed								Mon Jan 27 14:00:52 GMT 2025	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: ORIENT 290.0D TO 290.0 D									
Diagnostics	(Visit 7A) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	ABELL-1185-F7	RA: 11 10 56.5629 (167.7356788d) Dec: +28 46 11.58 (28.76988d) Equinox: J2000			V=28.3+/-0.25		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG -2.85,-2.85	Prime + Parallel Gro up 1-2 in Visit 7A	800 Secs (800 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Gro up 1-2 in Visit 7A	740 Secs (740 Secs) [==>]	[1]
	3		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Gro up 3-4 in Visit 7A	835 Secs (835 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Gro up 3-4 in Visit 7A	785 Secs (785 Secs) [==>]	[1]
	5		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Gro up 5-6 in Visit 7A	800 Secs (800 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Gro up 5-6 in Visit 7A	655 Secs (655 Secs) [==>]	[1]



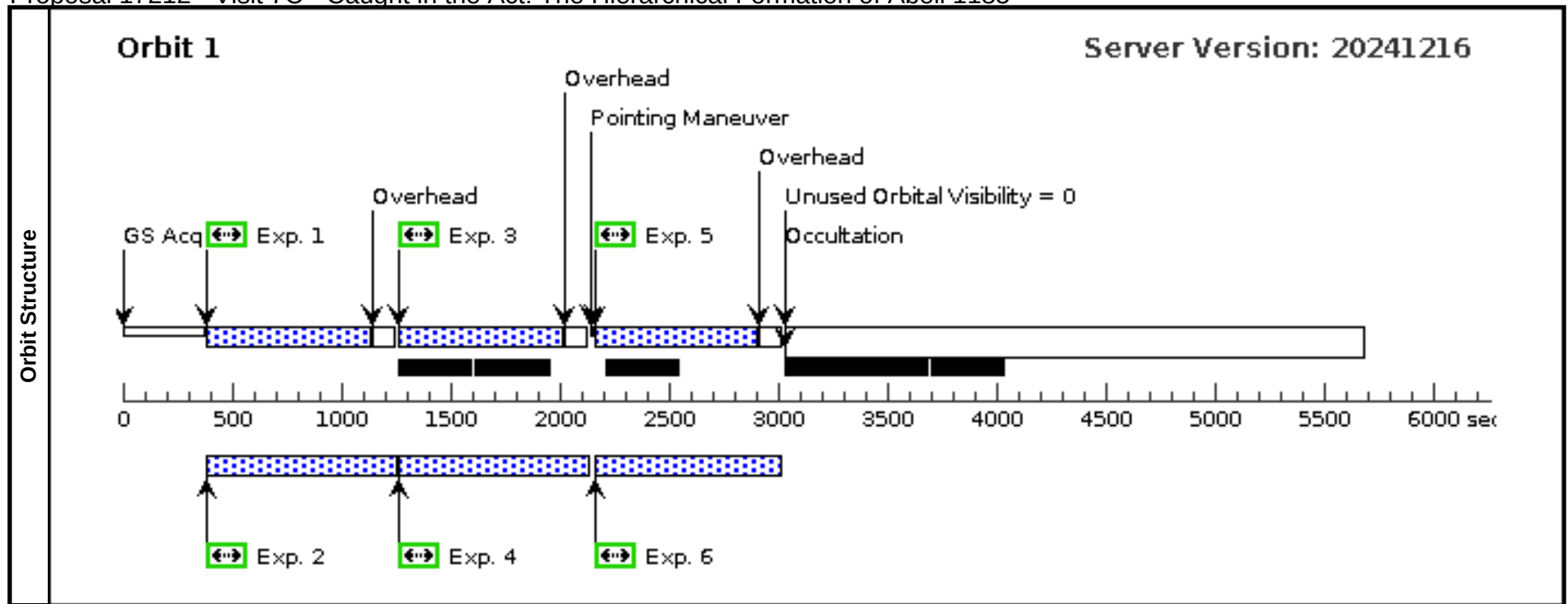
Proposal 17212 - Visit 7B - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 7B, failed										Mon Jan 27 14:00:52 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS, ACS/WFC											
	Special Requirements: ORIENT 290.0D TO 290.0 D											
	Comments: HOPR copy of 7A											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	ABELL-1185-F7	RA: 11 10 56.5629 (167.7356788d)					V=28.3+/-0.25		Reference Frame: ICRS		
			Dec: +28 46 11.58 (28.76988d)									
			Equinox: J2000									
		Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES										
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX		F475X		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 7B	720 Secs (720 Secs)		
										[==>720.0 Secs]		[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX		F475W			Prime + Parallel Group 1-2 in Visit 7B	740 Secs (660 Secs)		
										[==>660.0 Secs]		[1]
	3		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX		F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 7B	752 Secs (752 Secs)		
										[==>752.0 Secs]		[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX		F475W			Prime + Parallel Group 3-4 in Visit 7B	785 Secs (742 Secs)		
										[==>742.0 Secs]		[1]
	5		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX		F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 7B	720 Secs (720 Secs)		
										[==>720.0 Secs]		[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX		F814W			Prime + Parallel Group 5-6 in Visit 7B	655 Secs (692 Secs)		
										[==>692.0 Secs]		[1]



Proposal 17212 - Visit 7C - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 7C, implementation										Mon Jan 27 14:00:52 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 290.0D TO 290.0 D										
Comments: HOPR copy of 7B											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(7)	ABELL-1185-F7	RA: 11 10 56.5629 (167.7356788d)					V=28.3+/-0.25		Reference Frame: ICRS	
			Dec: +28 46 11.58 (28.76988d)								
			Equinox: J2000								
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG -2.85,-2.85; GS ACQ SCENARIO BASE103	Prime + Parallel Group 1-2 in Visit 7C	720 Secs (720 Secs) [==>720.0 Secs]		
											[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 1-2 in Visit 7C	740 Secs (660 Secs) [==>660.0 Secs]		
											[1]
	3		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 7C	752 Secs (752 Secs) [==>752.0 Secs]		
											[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 7C	785 Secs (742 Secs) [==>742.0 Secs]		
											[1]
	5		(7) ABELL-1185-F7	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 7C	720 Secs (720 Secs) [==>720.0 Secs]		
											[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 7C	655 Secs (692 Secs) [==>692.0 Secs]		
										[1]	

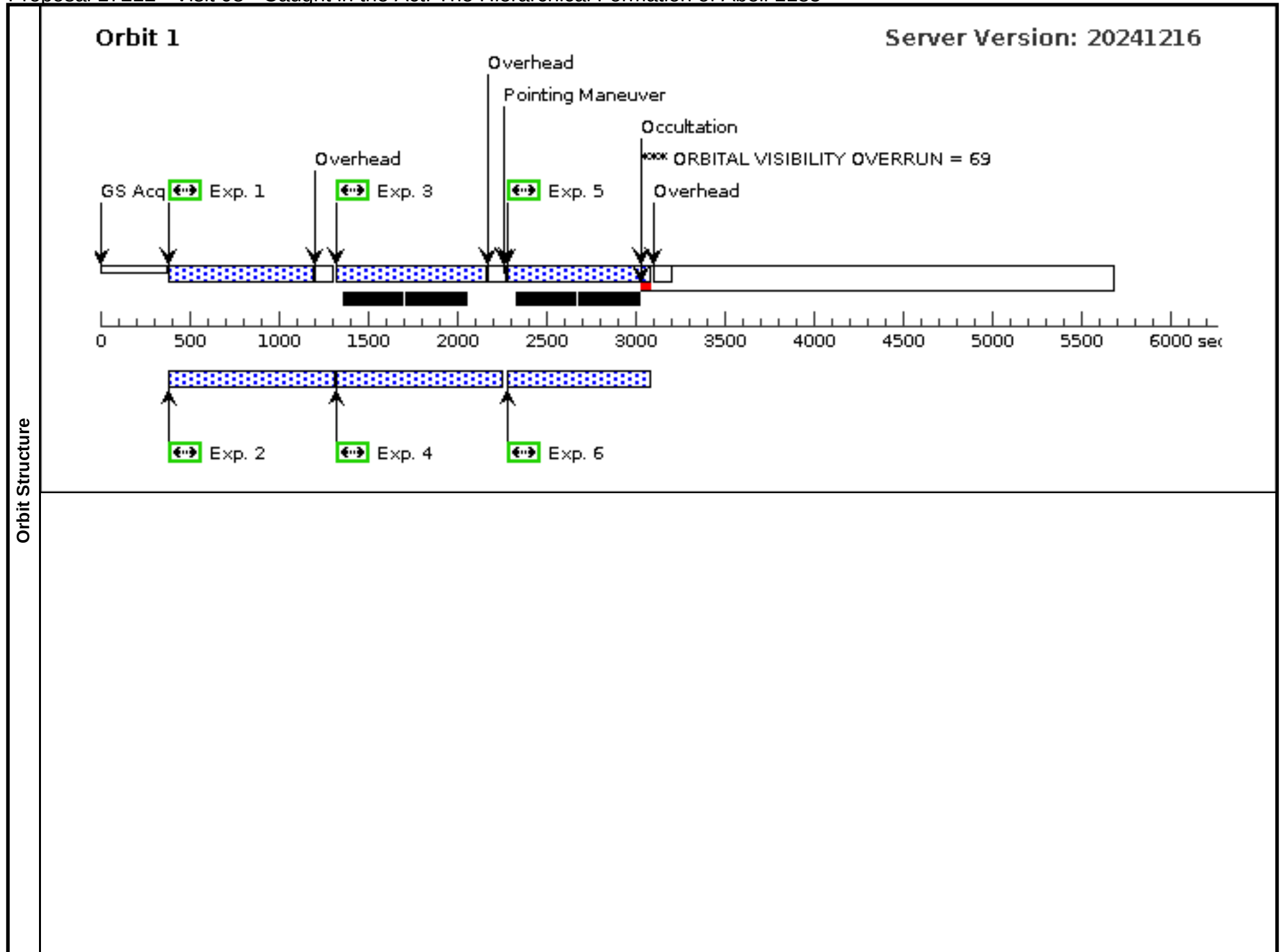


Proposal 17212 - Visit 08 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 08, completed Mon Jan 27 14:00:52 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 303.0D TO 303.0 D				
Diagnostics	(Visit 08) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 08) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 08) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	ABELL-1185-F8	RA: 11 10 46.7303 (167.6947096d) Dec: +28 45 5.90 (28.75164d) Equinox: J2000		V=28.3+/-0.25
	Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES				
	Reference Frame: ICRS				

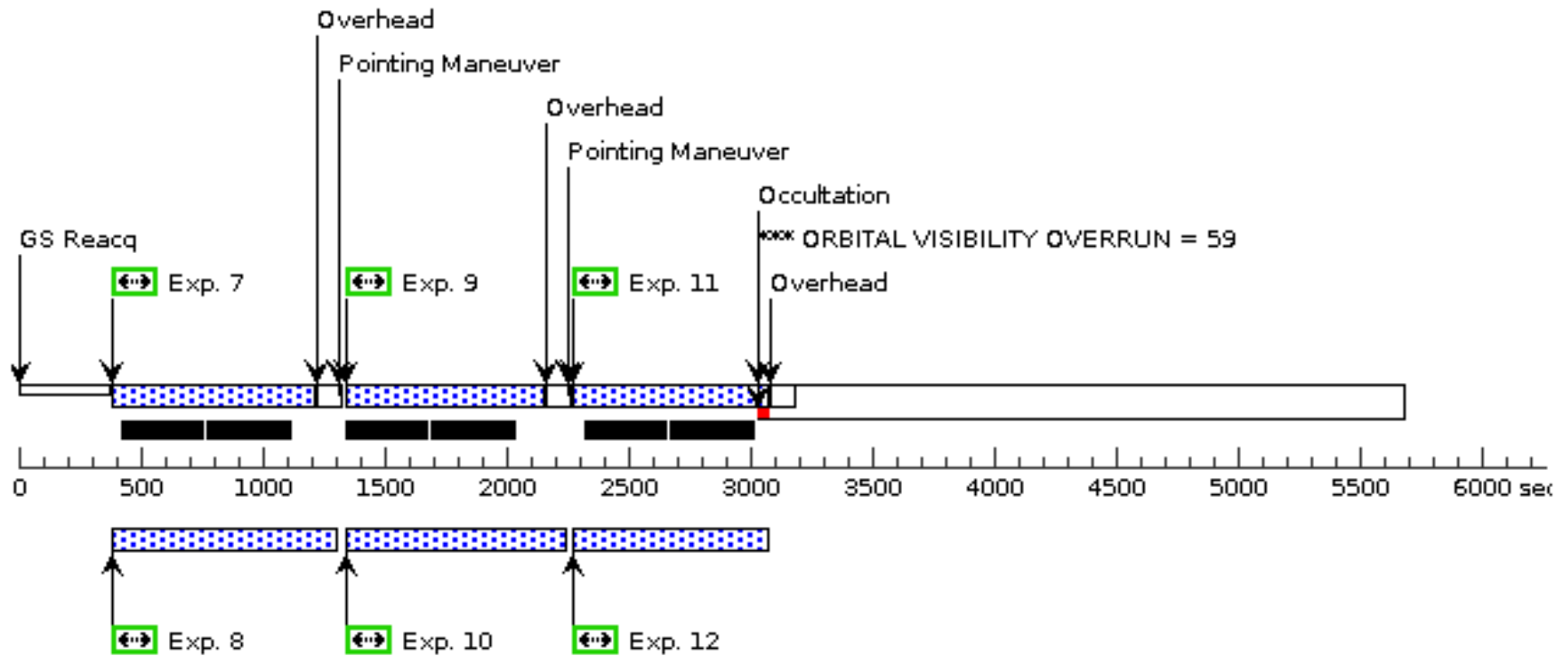
Proposal 17212 - Visit 08 - Caught in the Act: The Hierarchical Formation of Abell 1185

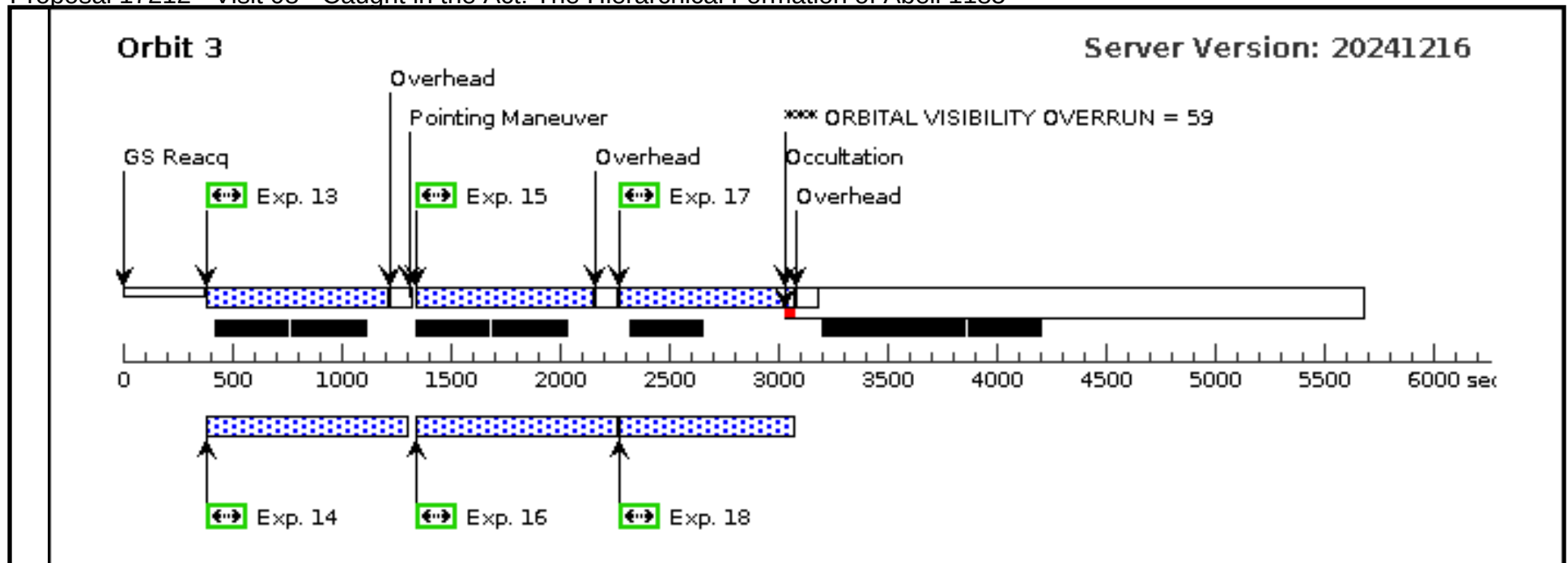
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(8) ABELL-1185-F8	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 08	780 Secs (780 Secs)	
									[==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 08	720 Secs (720 Secs)	
									[==>]	[1]
	3		(8) ABELL-1185-F8	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 08	815 Secs (815 Secs)	
									[==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 08	765 Secs (765 Secs)	
									[==>]	[1]
	5		(8) ABELL-1185-F8	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 08	780 Secs (780 Secs)	
									[==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 08	635 Secs (635 Secs)	
									[==>]	[1]
	7		(8) ABELL-1185-F8	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 08	810 Secs (810 Secs)	
									[==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 08	760 Secs (760 Secs)	
									[==>]	[2]
	9		(8) ABELL-1185-F8	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 08	810 Secs (810 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 08	775 Secs (775 Secs)	
									[==>]	[2]
	11		(8) ABELL-1185-F8	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 08	775 Secs (775 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 08	635 Secs (635 Secs)	
									[==>]	[2]
	13		(8) ABELL-1185-F8	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 08	810 Secs (810 Secs)	
									[==>]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 08	760 Secs (760 Secs)	
									[==>]	[3]
	15		(8) ABELL-1185-F8	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 08	810 Secs (810 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 08	800 Secs (800 Secs)	
									[==>]	[3]
	17		(8) ABELL-1185-F8	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 08	775 Secs (775 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 08	635 Secs (635 Secs)	
									[==>]	[3]



Orbit 2

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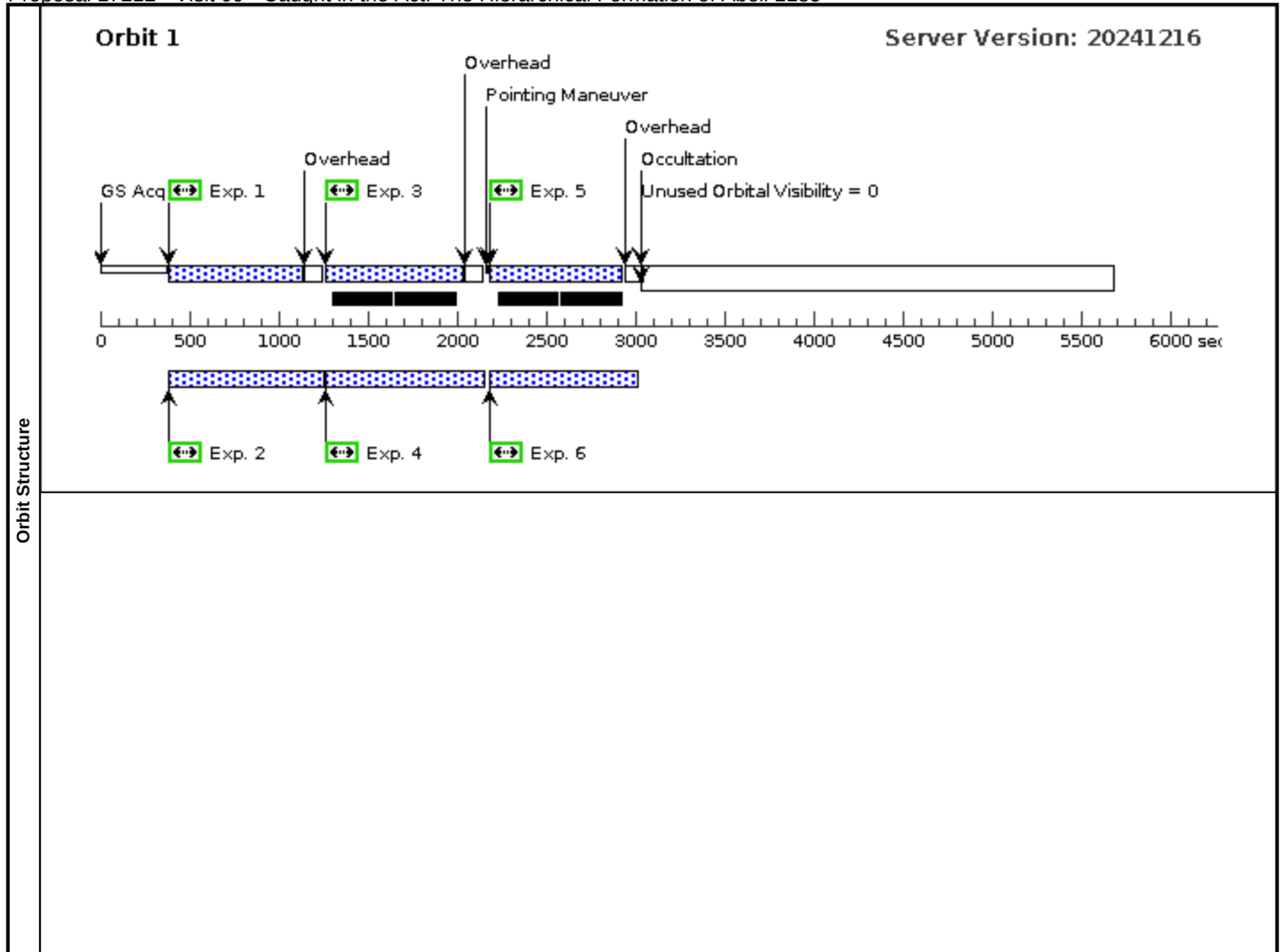


Proposal 17212 - Visit 09 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 09, completed Mon Jan 27 14:00:53 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 289.3D TO 289.3 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	ABELL-1185-F9	RA: 11 10 35.9502 (167.6497925d) Dec: +28 44 24.10 (28.74003d) Equinox: J2000		V=28.3+/-0.25
Miscellaneous Reference Frame: ICRS					
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES					

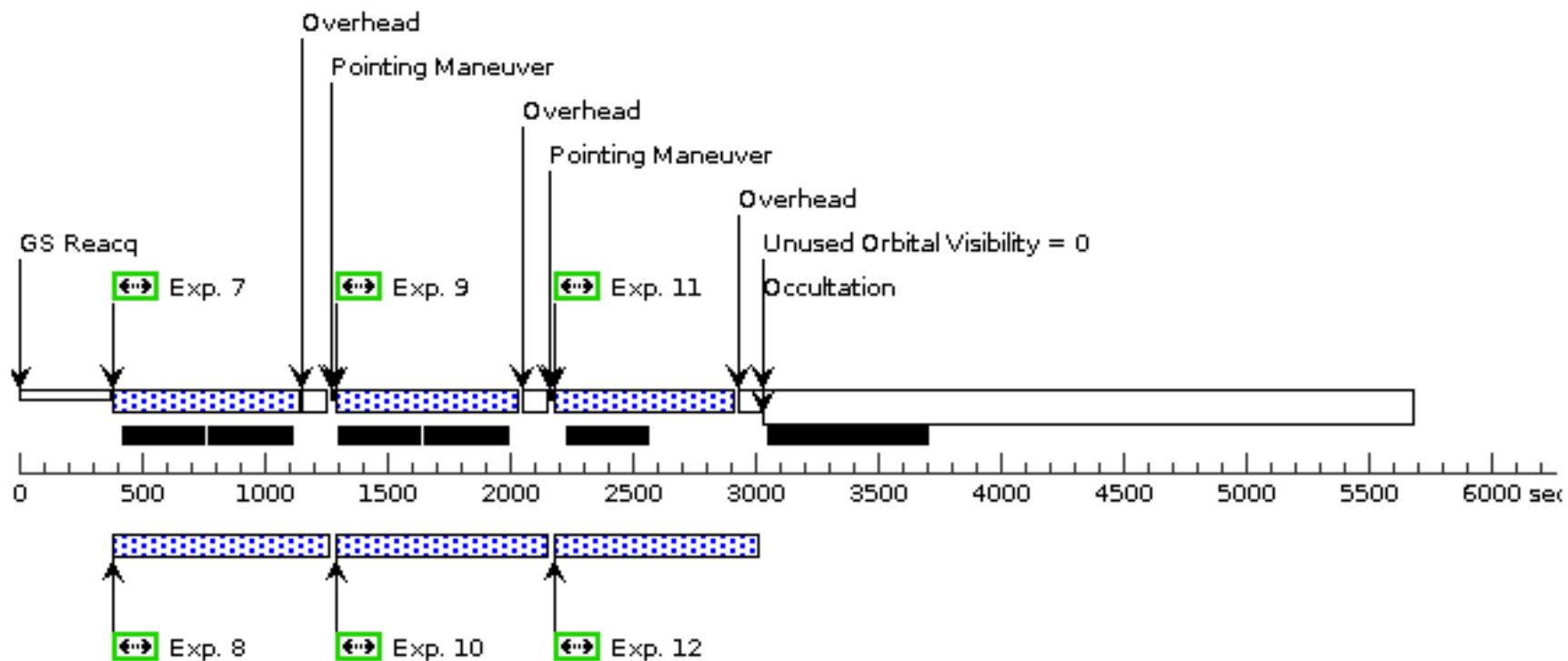
Proposal 17212 - Visit 09 - Caught in the Act: The Hierarchical Formation of Abell 1185

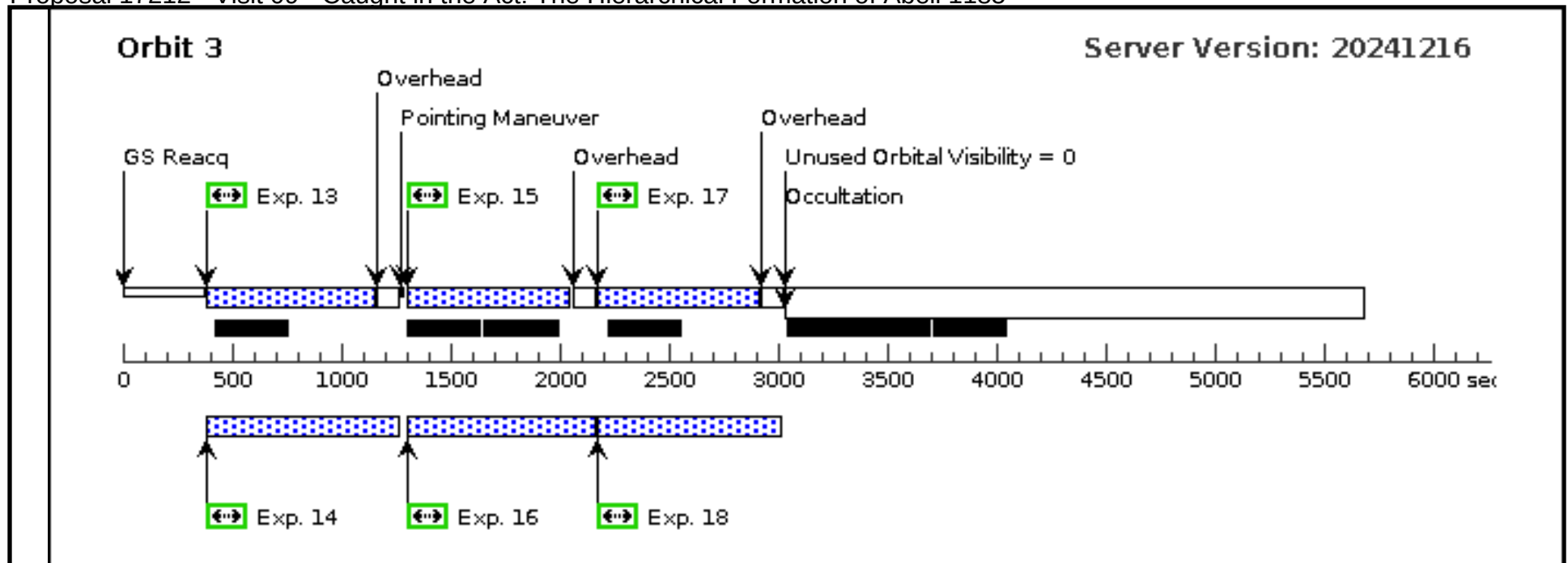
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(9) ABELL-1185-F9	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 09	720 Secs (720 Secs)	[==>720.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 09	740 Secs (660 Secs)	[==>660.0 Secs]	[1]
	3		(9) ABELL-1185-F9	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 09	752 Secs (752 Secs)	[==>752.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 09	785 Secs (725 Secs)	[==>725.0 Secs]	[1]
	5		(9) ABELL-1185-F9	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 09	720 Secs (720 Secs)	[==>720.0 Secs]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 09	655 Secs (669 Secs)	[==>669.0 Secs]	[1]
	7		(9) ABELL-1185-F9	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 09	747 Secs (744 Secs)	[==>744.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 09	780 Secs (717 Secs)	[==>717.0 Secs]	[2]
	9		(9) ABELL-1185-F9	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 09	747 Secs (744 Secs)	[==>744.0 Secs]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 09	795 Secs (734 Secs)	[==>734.0 Secs]	[2]
	11		(9) ABELL-1185-F9	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 09	715 Secs (712 Secs)	[==>712.0 Secs]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 09	655 Secs (666 Secs)	[==>666.0 Secs]	[2]
	13		(9) ABELL-1185-F9	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 09	747 Secs (747 Secs)	[==>747.0 Secs]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 09	780 Secs (720 Secs)	[==>720.0 Secs]	[3]
	15		(9) ABELL-1185-F9	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 09	747 Secs (747 Secs)	[==>747.0 Secs]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 09	820 Secs (737 Secs)	[==>737.0 Secs]	[3]
	17		(9) ABELL-1185-F9	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 09	715 Secs (715 Secs)	[==>715.0 Secs]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 09	655 Secs (679 Secs)	[==>679.0 Secs]	[3]



Orbit 2

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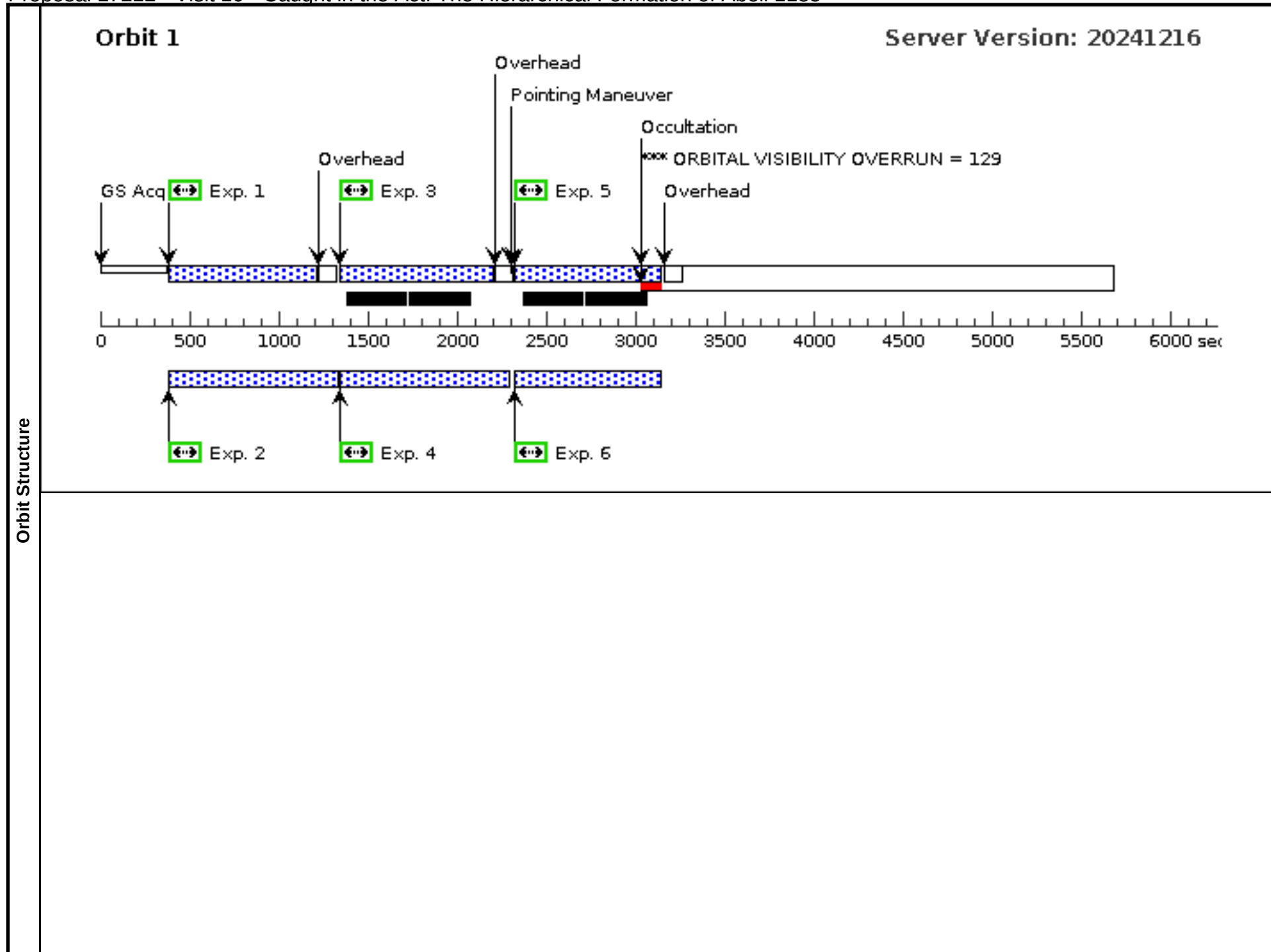


Proposal 17212 - Visit 10 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 10, completed Mon Jan 27 14:00:53 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 290.0D TO 290.0 D				
Diagnostics	(Visit 10) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 10) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 10) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(10)	ABELL-1185-F10	RA: 11 10 45.3256 (167.6888567d) Dec: +28 47 47.87 (28.79663d) Equinox: J2000		V=28.3+/-0.25
Fixed Targets	Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES				
	Miscellaneous Reference Frame: ICRS				

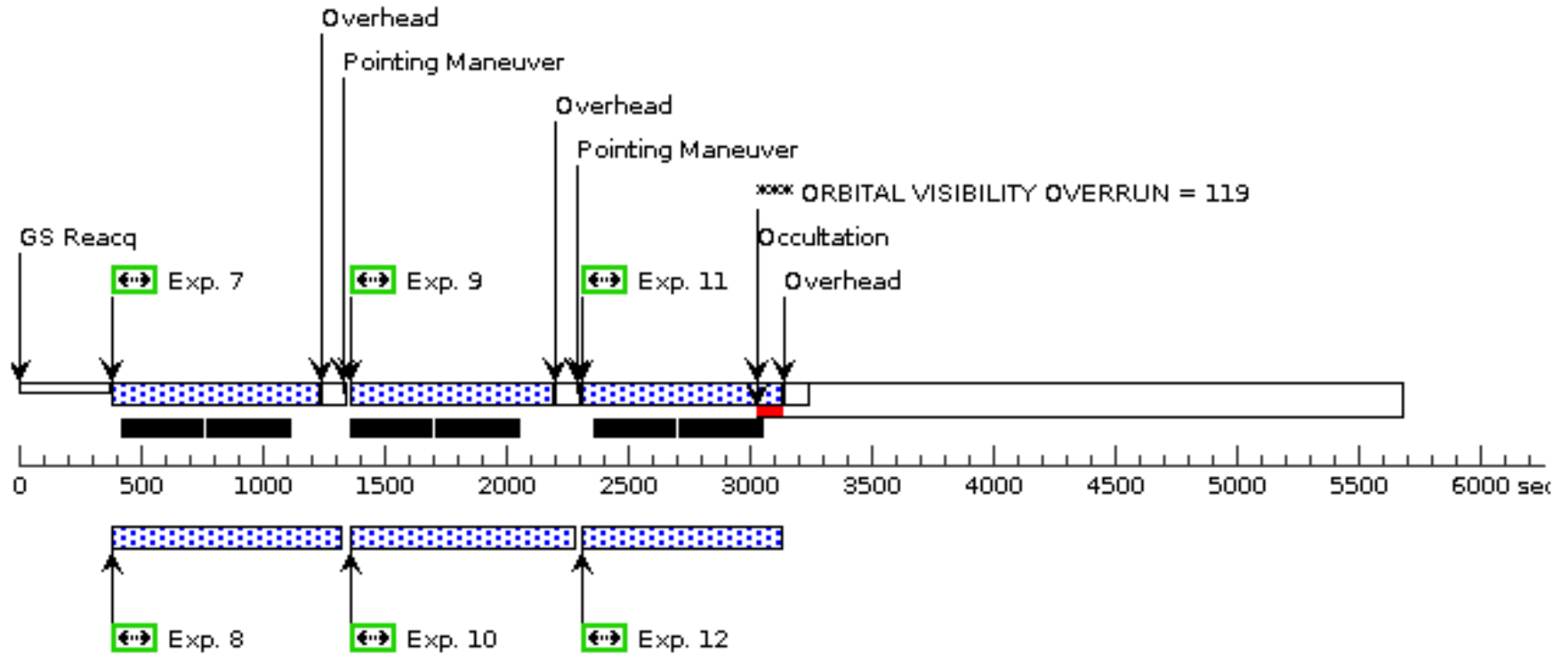
Proposal 17212 - Visit 10 - Caught in the Act: The Hierarchical Formation of Abell 1185

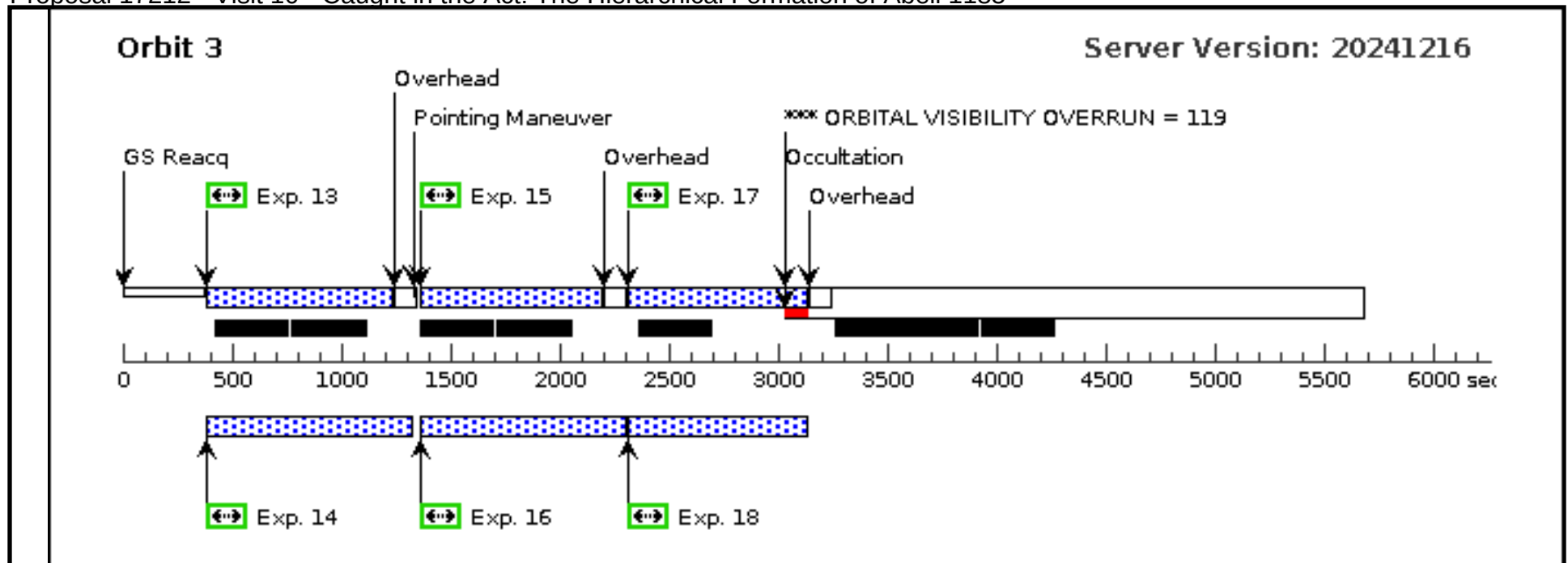
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) ABELL-1185-F 10	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 10	800 Secs (800 Secs)	
									[==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 10	740 Secs (740 Secs)	
									[==>]	[1]
	3		(10) ABELL-1185-F 10	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 10	835 Secs (835 Secs)	
									[==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 10	785 Secs (785 Secs)	
									[==>]	[1]
	5		(10) ABELL-1185-F 10	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 10	800 Secs (800 Secs)	
									[==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 10	655 Secs (655 Secs)	
									[==>]	[1]
	7		(10) ABELL-1185-F 10	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 10	830 Secs (830 Secs)	
									[==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 10	780 Secs (780 Secs)	
									[==>]	[2]
	9		(10) ABELL-1185-F 10	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 10	830 Secs (830 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 10	795 Secs (795 Secs)	
									[==>]	[2]
	11		(10) ABELL-1185-F 10	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 10	795 Secs (795 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 10	655 Secs (655 Secs)	
									[==>]	[2]
	13		(10) ABELL-1185-F 10	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 10	830 Secs (830 Secs)	
									[==>]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 10	780 Secs (780 Secs)	
									[==>]	[3]
	15		(10) ABELL-1185-F 10	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 10	830 Secs (830 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 10	820 Secs (820 Secs)	
									[==>]	[3]
	17		(10) ABELL-1185-F 10	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 10	795 Secs (795 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 10	655 Secs (655 Secs)	
									[==>]	[3]



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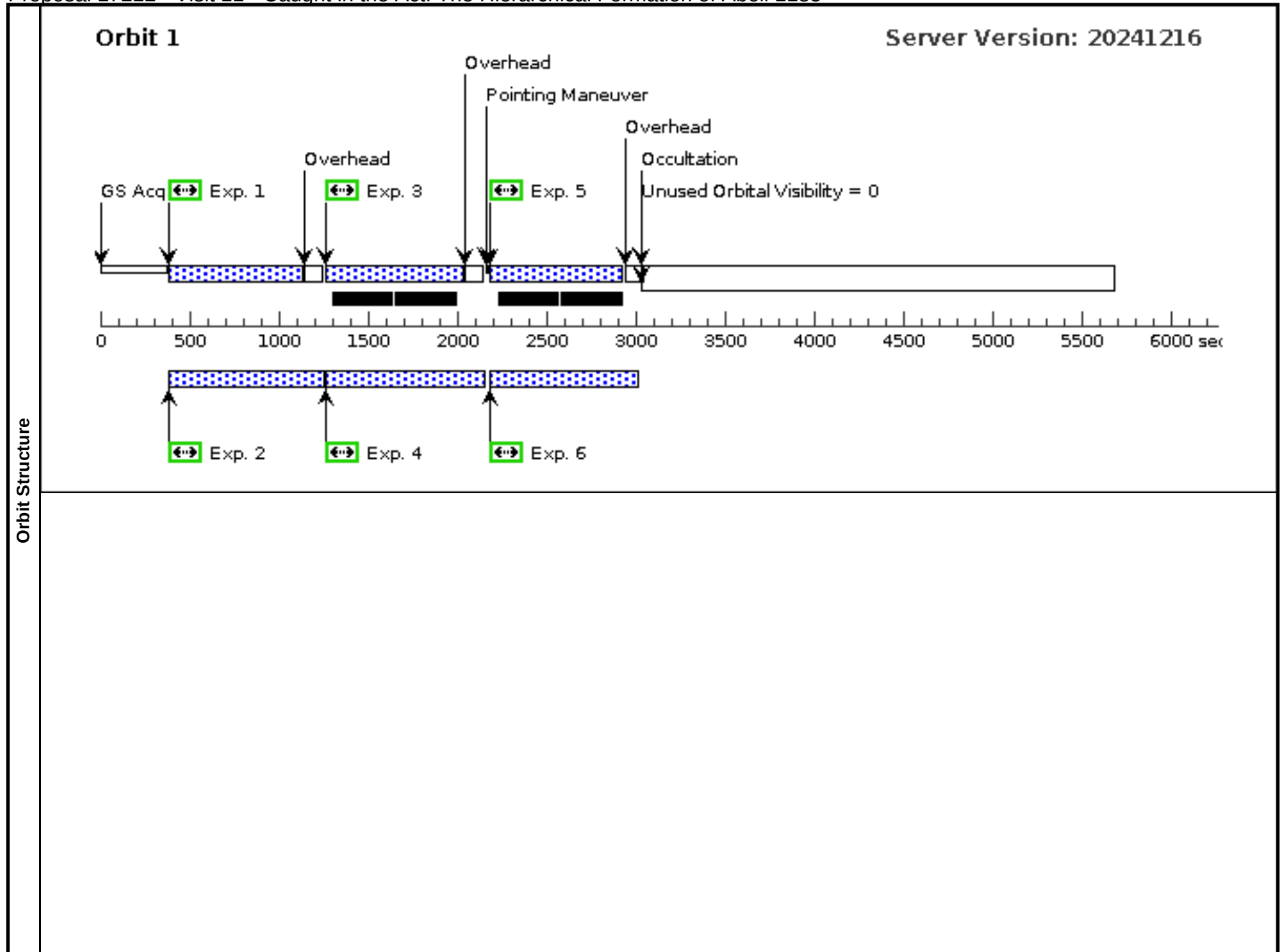


Proposal 17212 - Visit 11 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 11, completed Mon Jan 27 14:00:53 GMT 2025				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 288.0D TO 290.0 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(11)	ABELL-1185-F11	RA: 11 10 34.2172 (167.6425717d) Dec: +28 46 38.47 (28.77735d) Equinox: J2000		V=28.3+/-0.25
Miscellaneous Reference Frame: ICRS					
Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES					

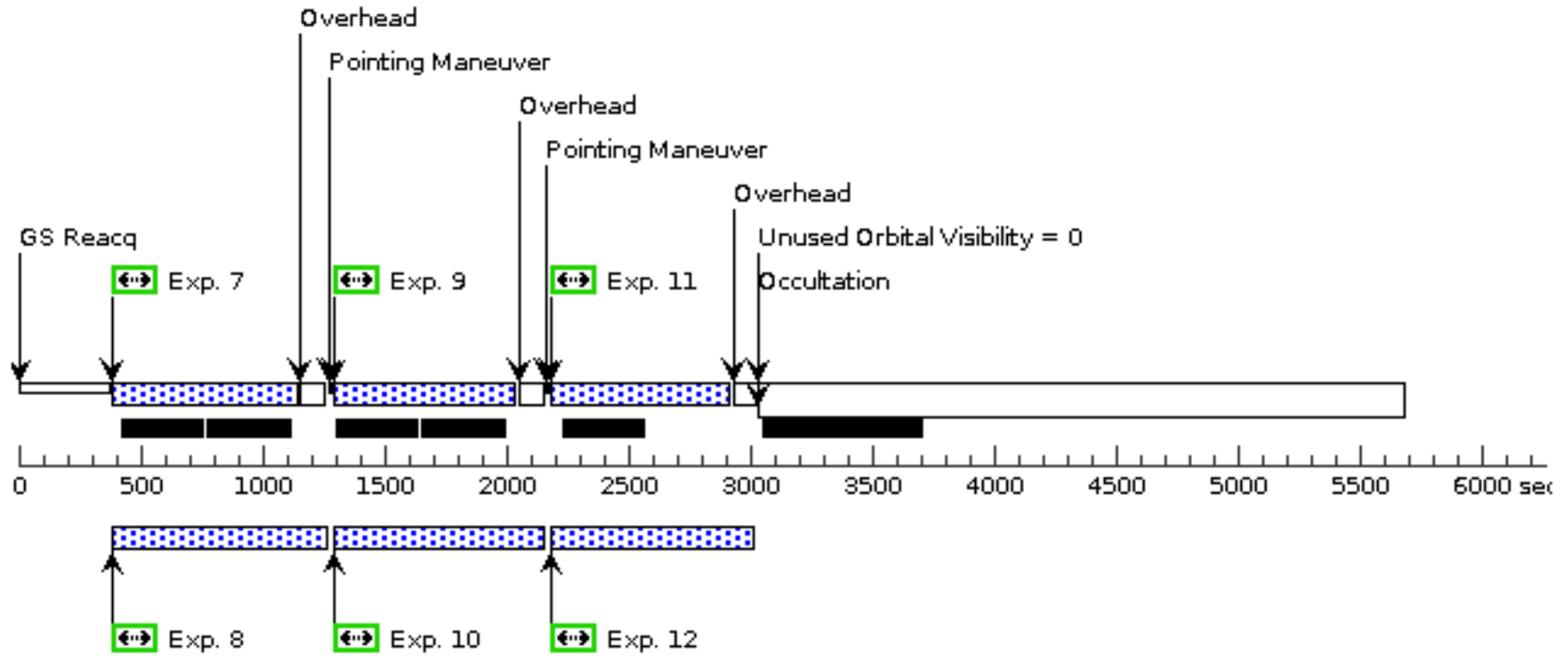
Proposal 17212 - Visit 11 - Caught in the Act: The Hierarchical Formation of Abell 1185

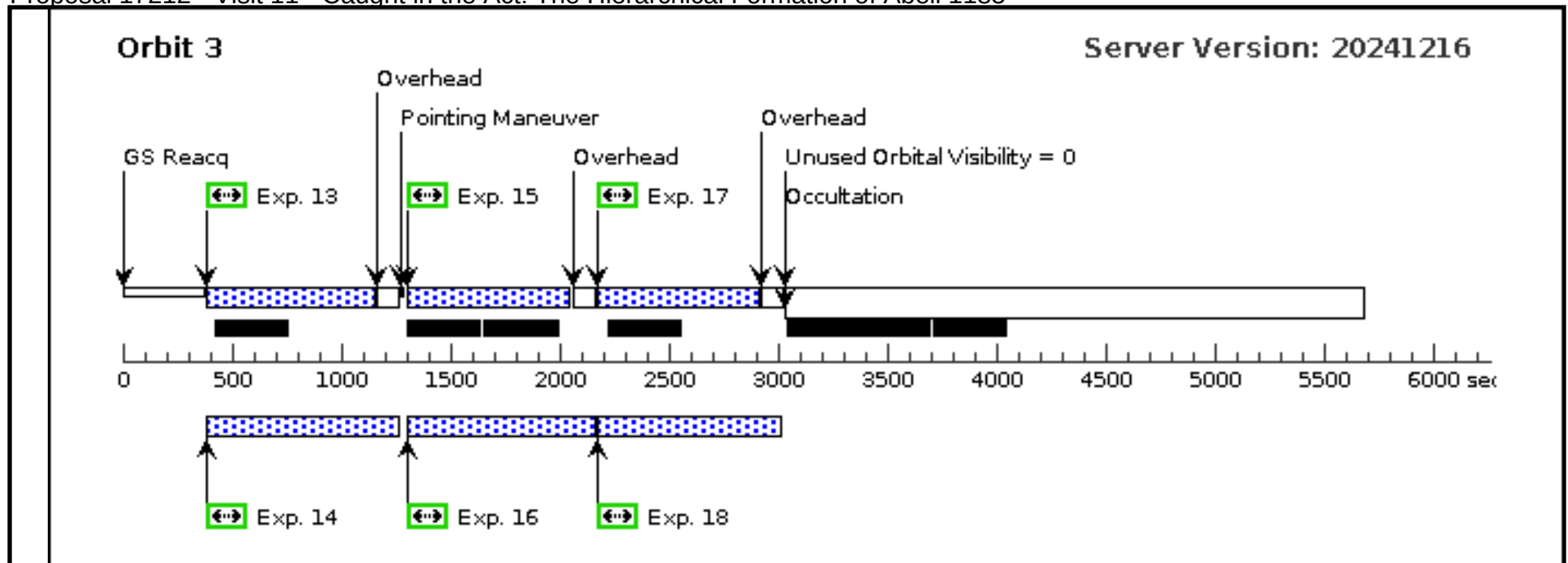
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) ABELL-1185-F 11	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 11	720 Secs (720 Secs)	[==>720.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 11	740 Secs (660 Secs)	[==>660.0 Secs]	[1]
	3		(11) ABELL-1185-F 11	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 11	752 Secs (752 Secs)	[==>752.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 11	785 Secs (725 Secs)	[==>725.0 Secs]	[1]
	5		(11) ABELL-1185-F 11	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 11	720 Secs (720 Secs)	[==>720.0 Secs]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 11	655 Secs (669 Secs)	[==>669.0 Secs]	[1]
	7		(11) ABELL-1185-F 11	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 11	747 Secs (744 Secs)	[==>744.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 11	780 Secs (717 Secs)	[==>717.0 Secs]	[2]
	9		(11) ABELL-1185-F 11	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 11	747 Secs (744 Secs)	[==>744.0 Secs]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 11	795 Secs (734 Secs)	[==>734.0 Secs]	[2]
	11		(11) ABELL-1185-F 11	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 11	715 Secs (712 Secs)	[==>712.0 Secs]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 11	655 Secs (666 Secs)	[==>666.0 Secs]	[2]
	13		(11) ABELL-1185-F 11	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 11	747 Secs (747 Secs)	[==>747.0 Secs]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 11	780 Secs (720 Secs)	[==>720.0 Secs]	[3]
	15		(11) ABELL-1185-F 11	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 11	747 Secs (747 Secs)	[==>747.0 Secs]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 11	820 Secs (737 Secs)	[==>737.0 Secs]	[3]
	17		(11) ABELL-1185-F 11	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 11	715 Secs (715 Secs)	[==>715.0 Secs]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 11	655 Secs (679 Secs)	[==>679.0 Secs]	[3]



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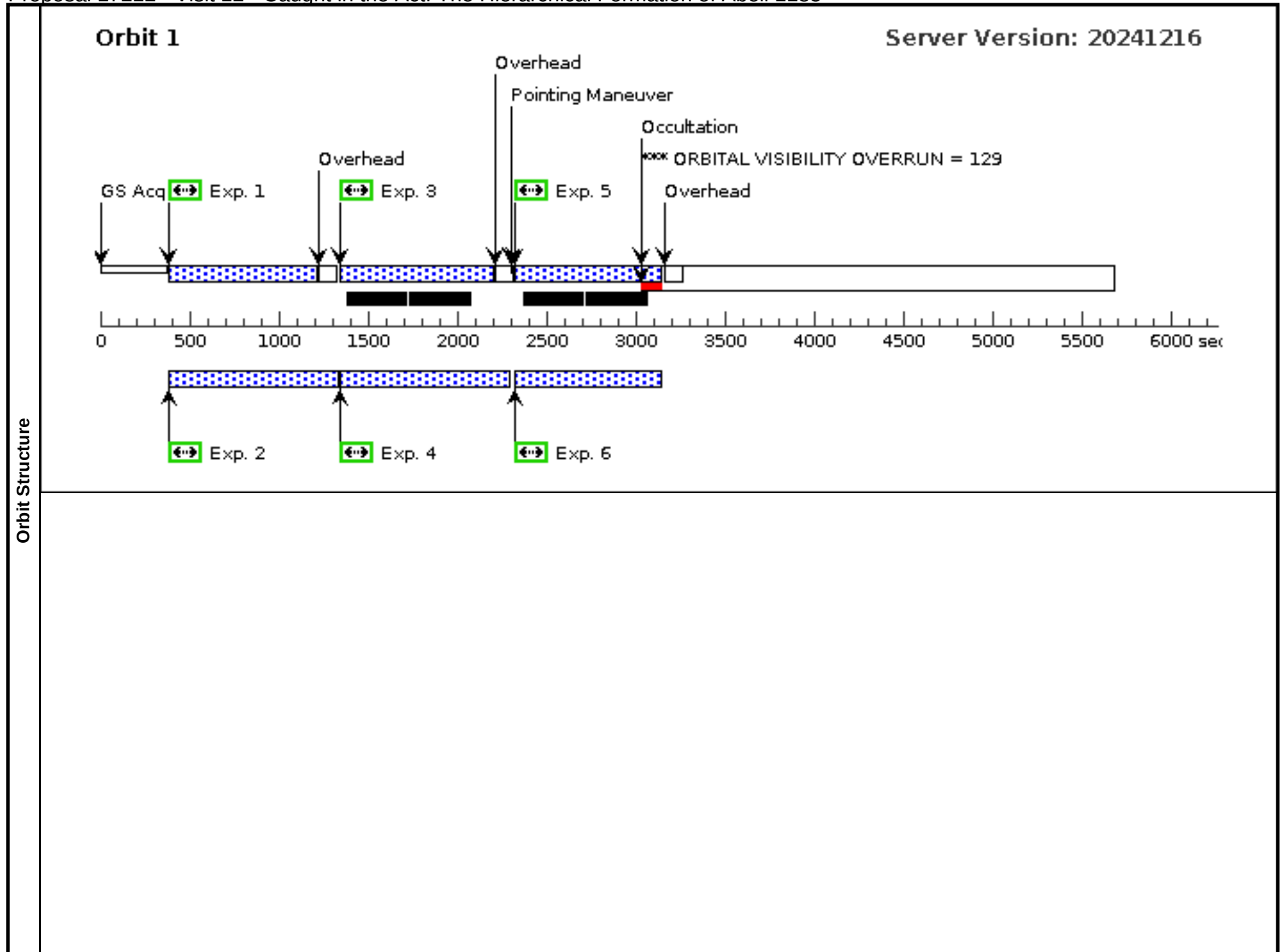


Proposal 17212 - Visit 12 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 12, completed Mon Jan 27 14:00:53 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 301.0D TO 301.0 D				
Diagnostics	(Visit 12) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 12) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 12) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(12)	ABELL-1185-F12	RA: 11 10 48.7180 (167.7029917d) Dec: +28 38 51.82 (28.64773d) Equinox: J2000		V=28.3+/-0.25
Fixed Targets	Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES				
	Reference Frame: ICRS				

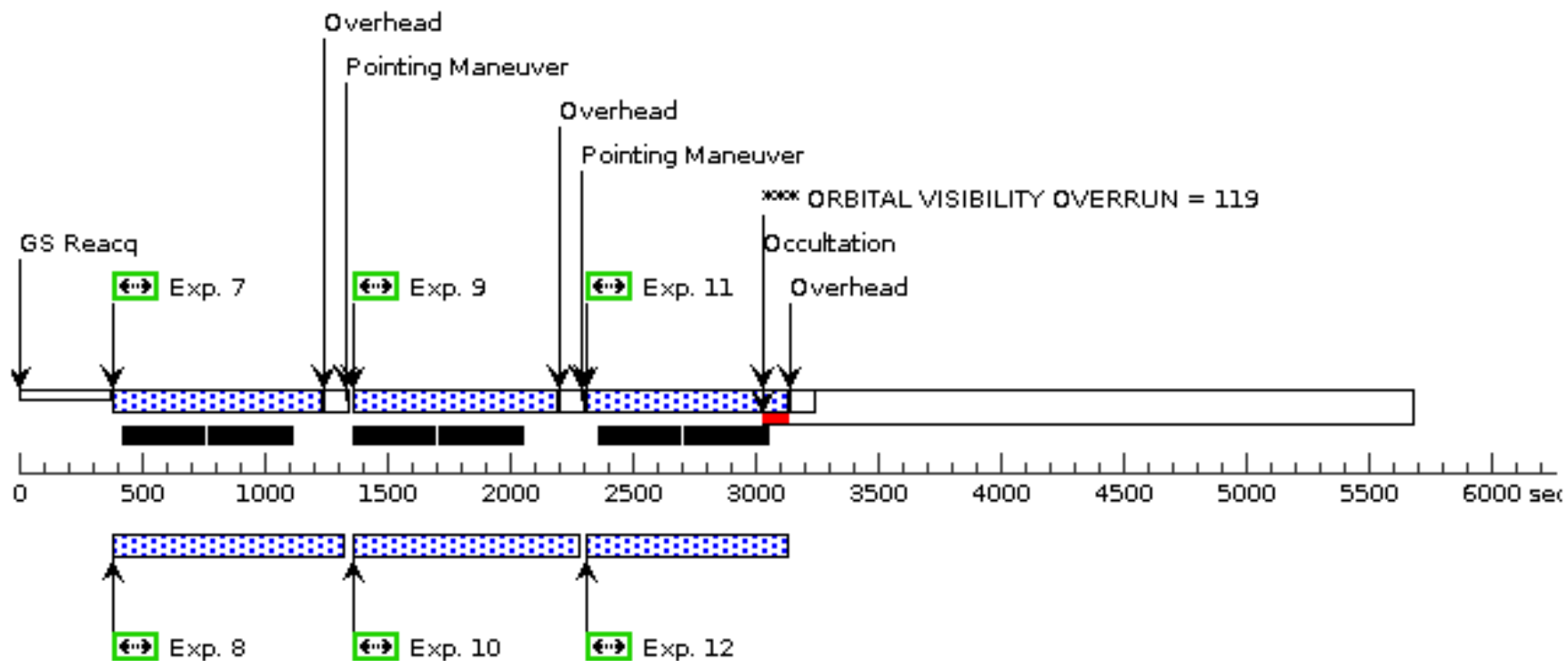
Proposal 17212 - Visit 12 - Caught in the Act: The Hierarchical Formation of Abell 1185

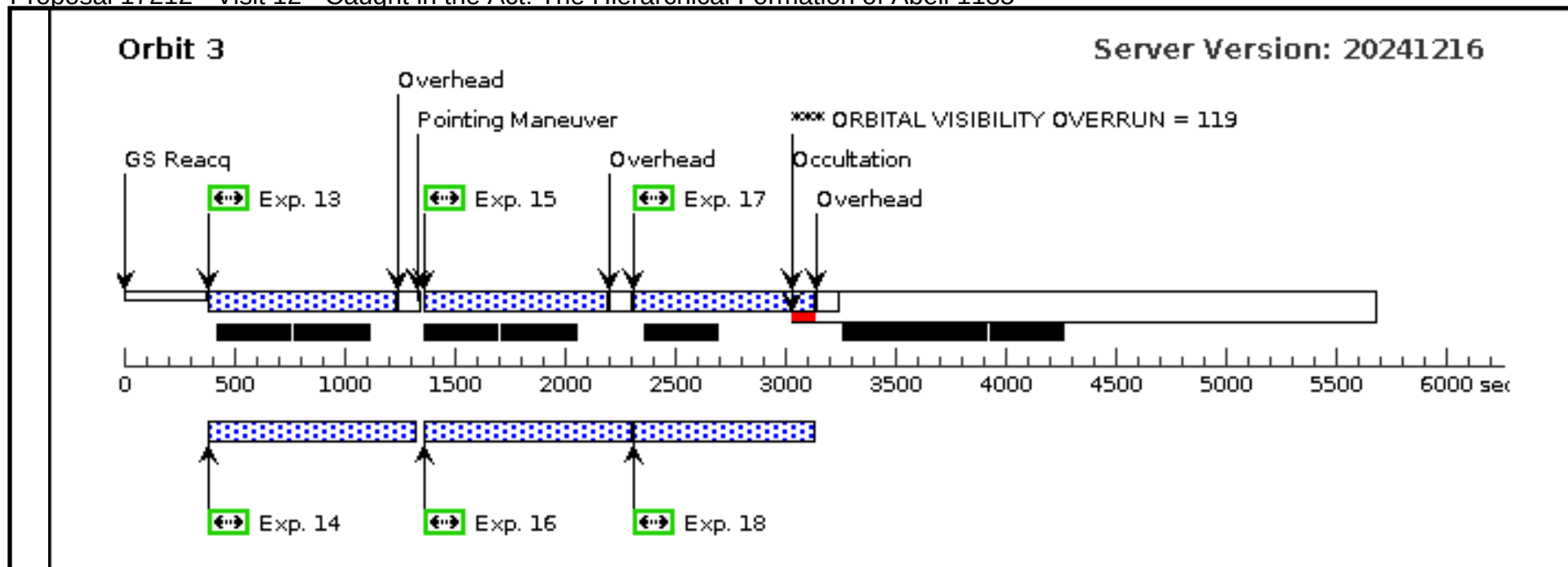
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(12) ABELL-1185-F 12	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 12	800 Secs (800 Secs)	
									[==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 12	740 Secs (740 Secs)	
									[==>]	[1]
	3		(12) ABELL-1185-F 12	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 12	835 Secs (835 Secs)	
									[==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 12	785 Secs (785 Secs)	
									[==>]	[1]
	5		(12) ABELL-1185-F 12	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 12	800 Secs (800 Secs)	
									[==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 12	655 Secs (655 Secs)	
									[==>]	[1]
	7		(12) ABELL-1185-F 12	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 12	830 Secs (830 Secs)	
									[==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 12	780 Secs (780 Secs)	
									[==>]	[2]
	9		(12) ABELL-1185-F 12	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 12	830 Secs (830 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 12	795 Secs (795 Secs)	
									[==>]	[2]
	11		(12) ABELL-1185-F 12	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 12	795 Secs (795 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 12	655 Secs (655 Secs)	
									[==>]	[2]
	13		(12) ABELL-1185-F 12	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 12	830 Secs (830 Secs)	
									[==>]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 12	780 Secs (780 Secs)	
									[==>]	[3]
	15		(12) ABELL-1185-F 12	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 12	830 Secs (830 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 12	820 Secs (820 Secs)	
									[==>]	[3]
	17		(12) ABELL-1185-F 12	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 12	795 Secs (795 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 12	655 Secs (655 Secs)	
									[==>]	[3]



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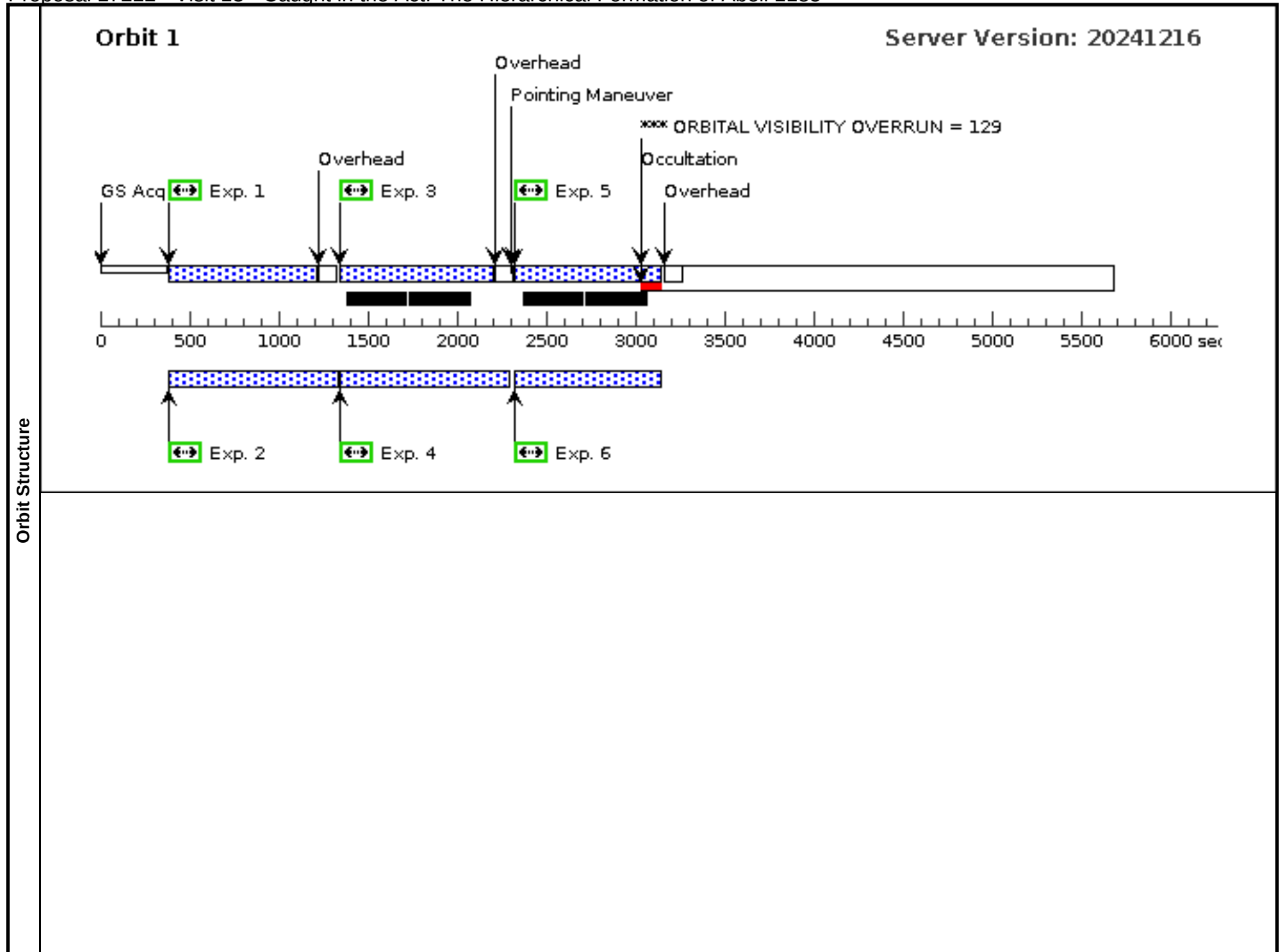


Proposal 17212 - Visit 13 - Caught in the Act: The Hierarchical Formation of Abell 1185

Visit	Proposal 17212, Visit 13, completed Mon Jan 27 14:00:53 GMT 2025				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 158.8D TO 158.8 D				
Diagnostics	(Visit 13) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 13) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 13) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(13)	ABELL-1185-F13	RA: 11 10 26.8958 (167.6120658d) Dec: +28 45 18.84 (28.75523d) Equinox: J2000		V=28.3+/-0.25
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	Comments: Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER] Extended=YES				

Proposal 17212 - Visit 13 - Caught in the Act: The Hierarchical Formation of Abell 1185

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(13) ABELL-1185-F 13	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -2.85,-2.85	Prime + Parallel Group 1-2 in Visit 13	800 Secs (800 Secs)	
									[==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-2 in Visit 13	740 Secs (740 Secs)	
									[==>]	[1]
	3		(13) ABELL-1185-F 13	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 1	Prime + Parallel Group 3-4 in Visit 13	835 Secs (835 Secs)	
									[==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 3-4 in Visit 13	785 Secs (785 Secs)	
									[==>]	[1]
	5		(13) ABELL-1185-F 13	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG -0.95,-0.95	Prime + Parallel Group 5-6 in Visit 13	800 Secs (800 Secs)	
									[==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 5-6 in Visit 13	655 Secs (655 Secs)	
									[==>]	[1]
	7		(13) ABELL-1185-F 13	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 5	Prime + Parallel Group 7-8 in Visit 13	830 Secs (830 Secs)	
									[==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 7-8 in Visit 13	780 Secs (780 Secs)	
									[==>]	[2]
	9		(13) ABELL-1185-F 13	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG 0,0	Prime + Parallel Group 9-10 in Visit 13	830 Secs (830 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 9-10 in Visit 13	795 Secs (795 Secs)	
									[==>]	[2]
	11		(13) ABELL-1185-F 13	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		POS TARG +0.95,+0.95	Prime + Parallel Group 11-12 in Visit 13	795 Secs (795 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 11-12 in Visit 13	655 Secs (655 Secs)	
									[==>]	[2]
	13		(13) ABELL-1185-F 13	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		SAME POS AS 11	Prime + Parallel Group 13-14 in Visit 13	830 Secs (830 Secs)	
									[==>]	[3]
	14		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 13-14 in Visit 13	780 Secs (780 Secs)	
									[==>]	[3]
	15		(13) ABELL-1185-F 13	WFC3/UVIS, ACCUM, UVIS-FIX	F475X		POS TARG +2.85,+2.85	Prime + Parallel Group 15-16 in Visit 13	830 Secs (830 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFC-FIX	F475W			Prime + Parallel Group 15-16 in Visit 13	820 Secs (820 Secs)	
									[==>]	[3]
	17		(13) ABELL-1185-F 13	WFC3/UVIS, ACCUM, UVIS-FIX	F600LP		SAME POS AS 15	Prime + Parallel Group 17-18 in Visit 13	795 Secs (795 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 17-18 in Visit 13	655 Secs (655 Secs)	
									[==>]	[3]



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