18068 - Dynamically Mapping the Satellite Galaxies in the Outer Halo of the Milky Way

Cycle: 33, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) PISCES-II ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:07:57.0	yes
02	(2) PICTORIS-I ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:07:58.0	yes
03	(3) PHOENIX-II ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:00.0	yes
04	(4) GRUS-I ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:01.0	yes
05	(5) ERIDANUS-III ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:02.0	yes
06	(6) HYDRA-II ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:04.0	yes
07	(7) PEGASUS-III ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:06.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
08	(8) PHOENIX-I ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:07.0	yes
09	(8) PHOENIX-I ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:08.0	yes
10	(9) HOROLOGIUM-II-WEST ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:10.0	yes
11	(10) HOROLOGIUM-II-EAST ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:11.0	yes
12	(11) COLUMBA-I ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:12.0	yes
13	(12) RETICULUM-III ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:14.0	yes
14	(13) ERIDANUS-II ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:15.0	yes
15	(14) VIRGO-I ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:17.0	yes
16	(15) UMA-I ANY	ACS/WFC WFC3/UVIS	4	07-Oct-2025 11:08:18.0	yes

64 Total Orbits Used

ABSTRACT

The satellite galaxies of the Milky Way (MW) constitute the benchmark for studies of faint galaxies, including the effects of cosmic reionization, and testing cold dark matter. We propose to use HST ACS/WFC and WFC3/UVIS for second-epoch imaging of 14 ultra-faint satellite galaxies of the MW that have existing first-epoch imaging from HST, in order to measure high-precision proper motions. We target the most distant satellites, d = 80 to 420 kpc, which uniquely probe 3D dynamics in the outer halo of the MW, and which have large uncertainties from Gaia. Through these precise proper motions, we will match each satellite's stellar mass, distance, and 3D velocity to statistical analogs from cosmological simulations to infer full orbital histories in a cosmological context. We will use these orbits to address diverse science cases, including testing models of patchy reionization, testing the origin and significance of the MW's plane of satellites, and robustly determining the total mass profile of the MW's dark-matter halo out to

its virial radius. Ultimately, completing the dynamical catalog of MW satellites at these distances will enable a novel and robust modeling framework that will place the entirety of the MW satellite population in its cosmological context for the first time.

OBSERVING DESCRIPTION

The main goal of this program is to measure absolute proper motions of the four target galaxies Pisces-1, Aquarius, Pegasus, and Leo T dwarf galaxies. For this, we will use compact background galaxies in the field view as stationary reference sources, and also utilize alternative reference-frame methods such as using bright Gaia foreground stars as a reference or constructing a common Gaia and HST frame. The target galaxies have already been observed either in one or two two separate epochs. The imaging data from this program will add another epoch thereby yielding a time baseline in the rage 10-17 years. For the proper motion measurements, we will measure the average motion of stars in each dwarf galaxy with respect to compact background galaxies using the multi-epoch data. Our analysis techniques and expected accuracies are described in the Phase I proposal.

The first epoch ACS/WFC data were obtained in at least two filters to make deep color magnitude diagrams for the target galaxies. The available broad-band colors and depth are sufficient for separating stars, foreground stars, and background galaxies to first order. For the current program, we will observe each target galaxy with the F814W filter using the same pointing and orientation used for the first-epoch data whenever available. This is not possible for 6 dwarfs due to one-gyro mode causing limited orientation range for a given time period. For these dwarfs, we have chosen an orietnation range that is as close as possible to the first-epoch one. These requirements were imposed by adding Visit Orient Requirements to all visits. Individual exposures will be sub-pixel dithered using custom-designed dithering pattern through POSTARG requirement to maximize pixel-phase coverage, and will last half an orbit. Each visit consists of 4 orbits.

Visit

Proposal 18068, PISCES-II (01), implementation Tue Oct 07 15:08:19 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 242.99D TO 242.99 D

Fixed Targets

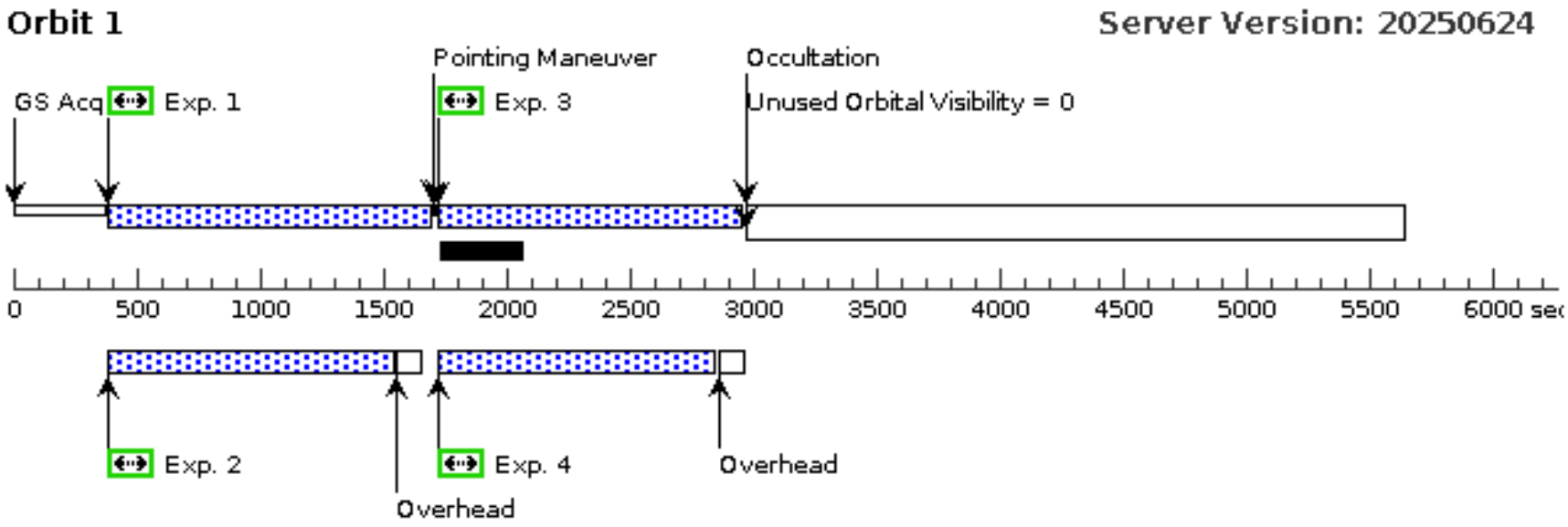
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	PISCES-II	RA: 22 58 32.3000 (344.6345833d) Dec: +05 57 18.00 (5.95500d) Equinox: J2000		V=(?) M_V=-5.0	Reference Frame: ICRS

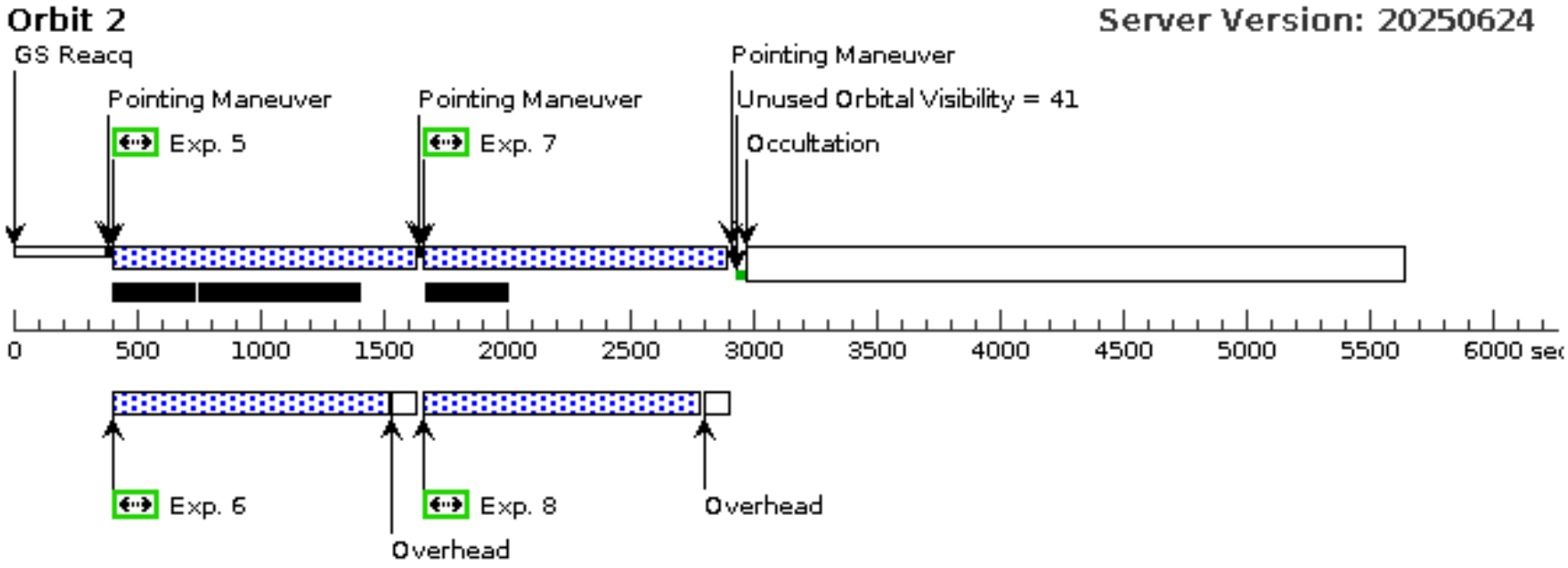
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

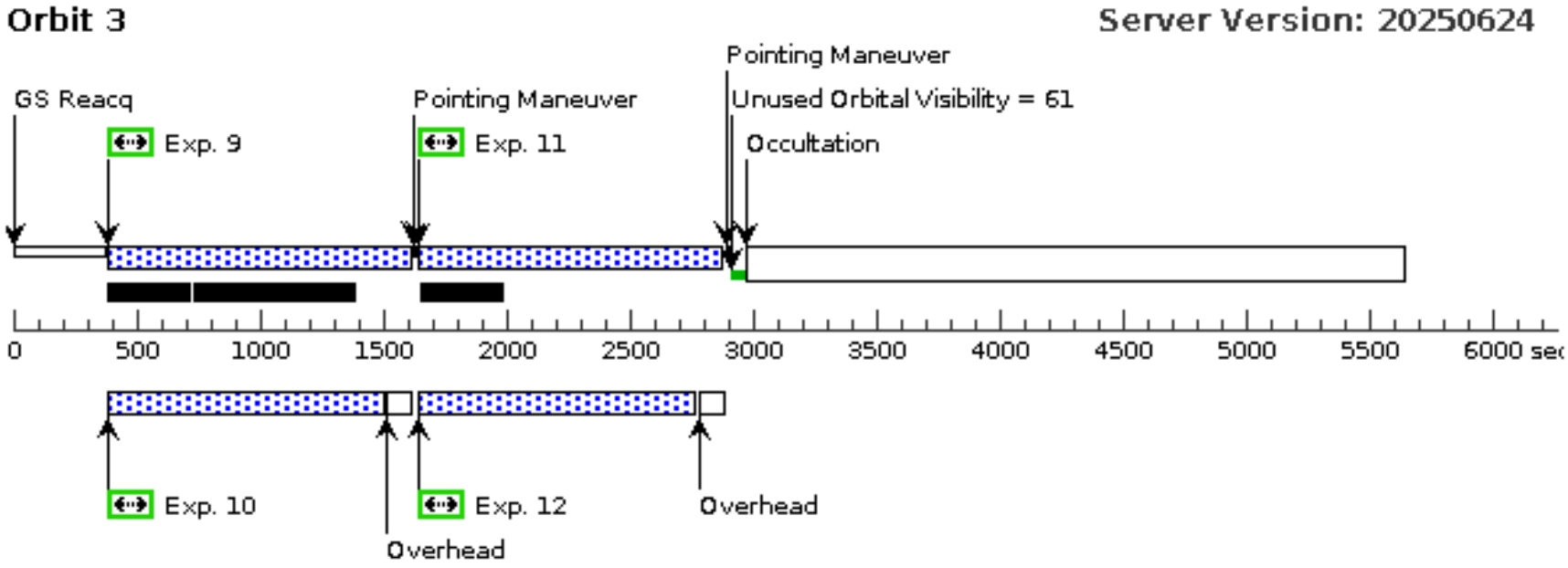
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) PISCES-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0.0000	Prime + Parallel Group 1-2 in PISCES-II (01)	1109 Secs (1109 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in PISCES-II (01)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(1) PISCES-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0.2350	Prime + Parallel Group 3-4 in PISCES-II (01)	1110 Secs (1110 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in PISCES-II (01)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(1) PISCES-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0.1235	Prime + Parallel Group 5-6 in PISCES-II (01)	1110 Secs (1110 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in PISCES-II (01)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(1) PISCES-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0.3305	Prime + Parallel Group 7-8 in PISCES-II (01)	1110 Secs (1110 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in PISCES-II (01)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(1) PISCES-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0.0505	Prime + Parallel Group 9-10 in PISCES-II (01)	1110 Secs (1110 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in PISCES-II (01)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(1) PISCES-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0.2855	Prime + Parallel Group 11-12 in PISCES-II (01)	1110 Secs (1110 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in PISCES-II (01)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(1) PISCES-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0.1735	Prime + Parallel Group 13-14 in PISCES-II (01)	1110 Secs (1110 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in PISCES-II (01)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(1) PISCES-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0.3810	Prime + Parallel Group 15-16 in PISCES-II (01)	1110 Secs (1110 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in PISCES-II (01)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure



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Pointing Maneuver
GS Reacq
Pointing Maneuver
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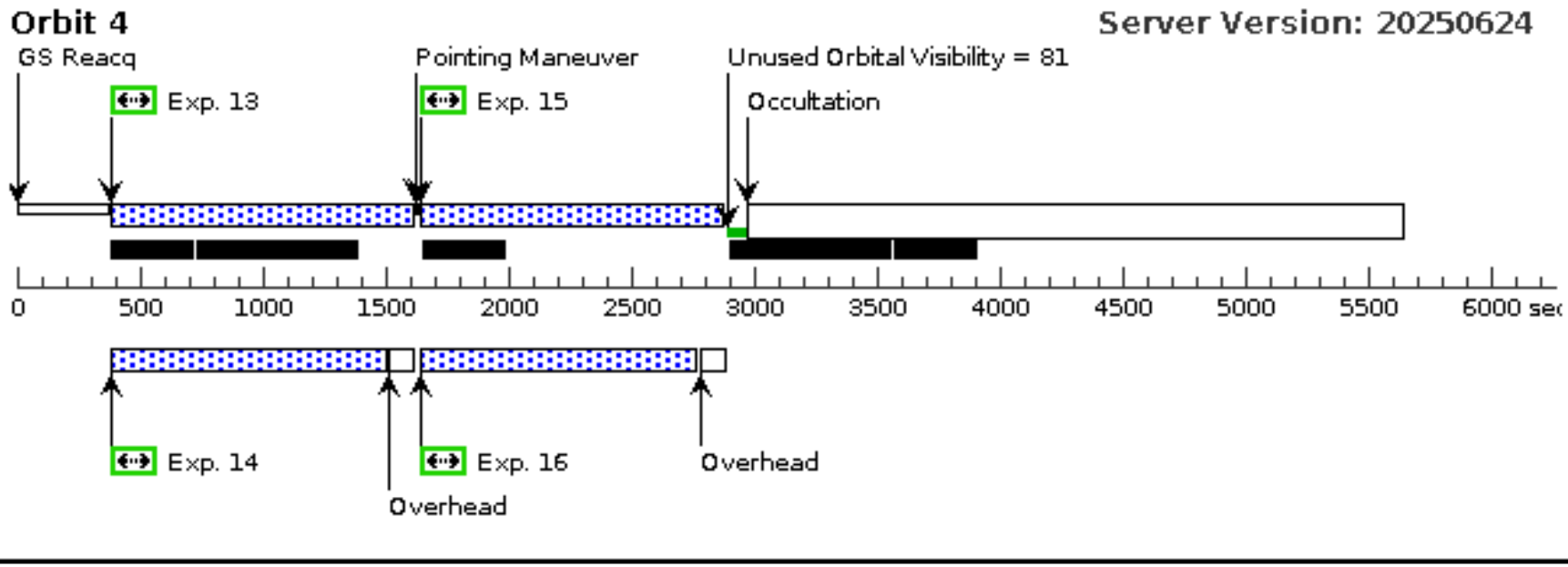
6000 sec
Exp. 10
Exp. 12
Overhead
Overhead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Server Version: 20250624
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 81
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Exp. 15
Occultation
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1500
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2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Exp. 16
Overhead
Overhead

Visit

Proposal 18068, PICTORIS-I (02), implementation Tue Oct 07 15:08:19 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 130D TO 150 D

Fixed Targets

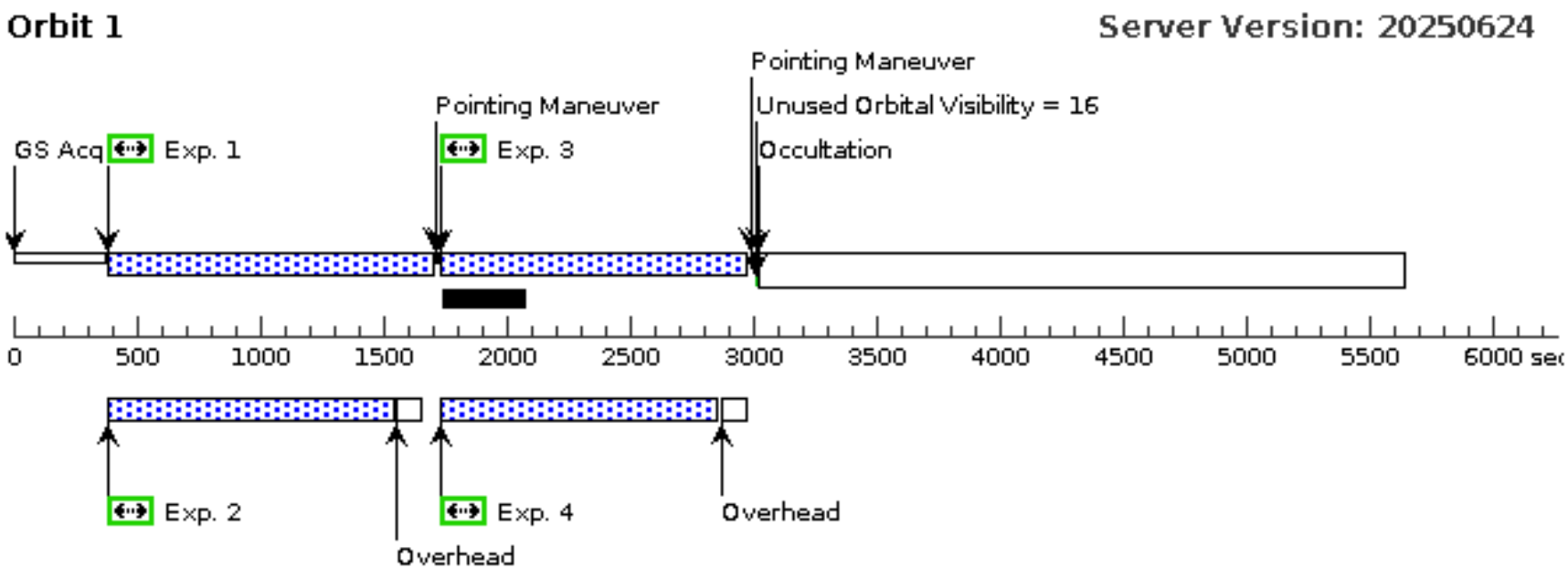
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	PICTORIS-I	RA: 04 43 46.0405 (70.9418354d) Dec: -50 16 48.75 (-50.28021d) Equinox: J2000		V=(?) M_V=-3.1	Reference Frame: ICRS

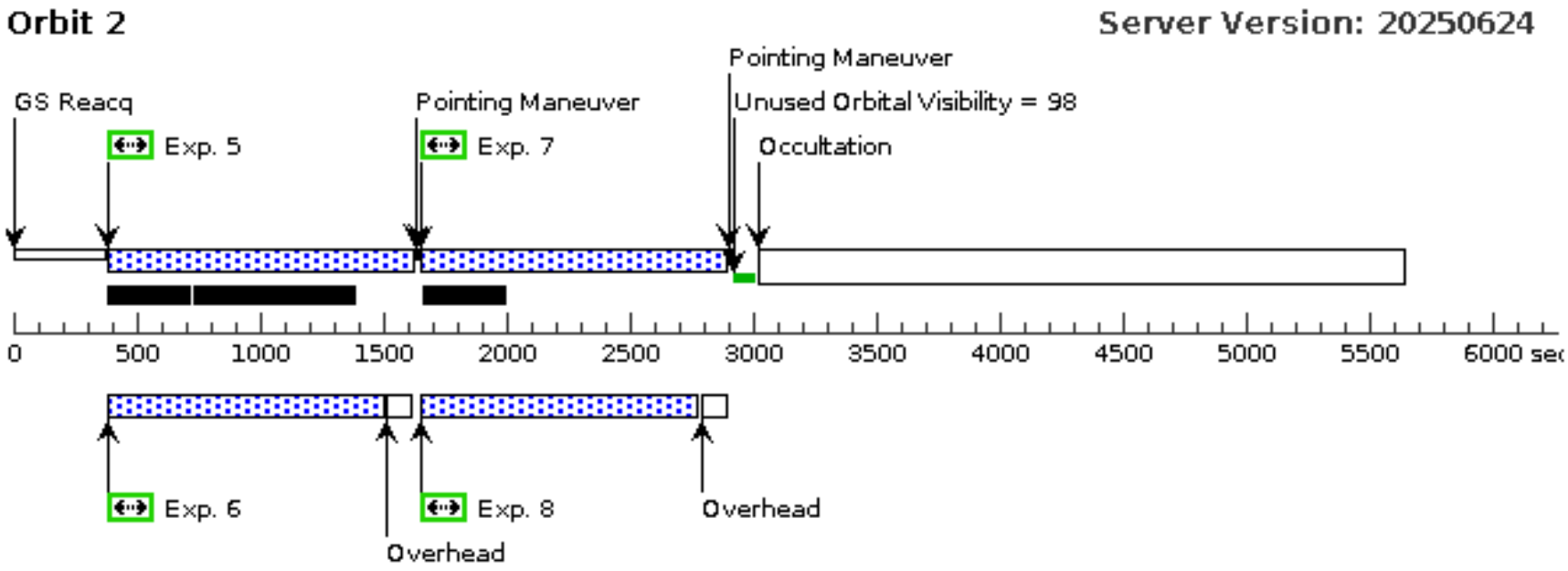
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

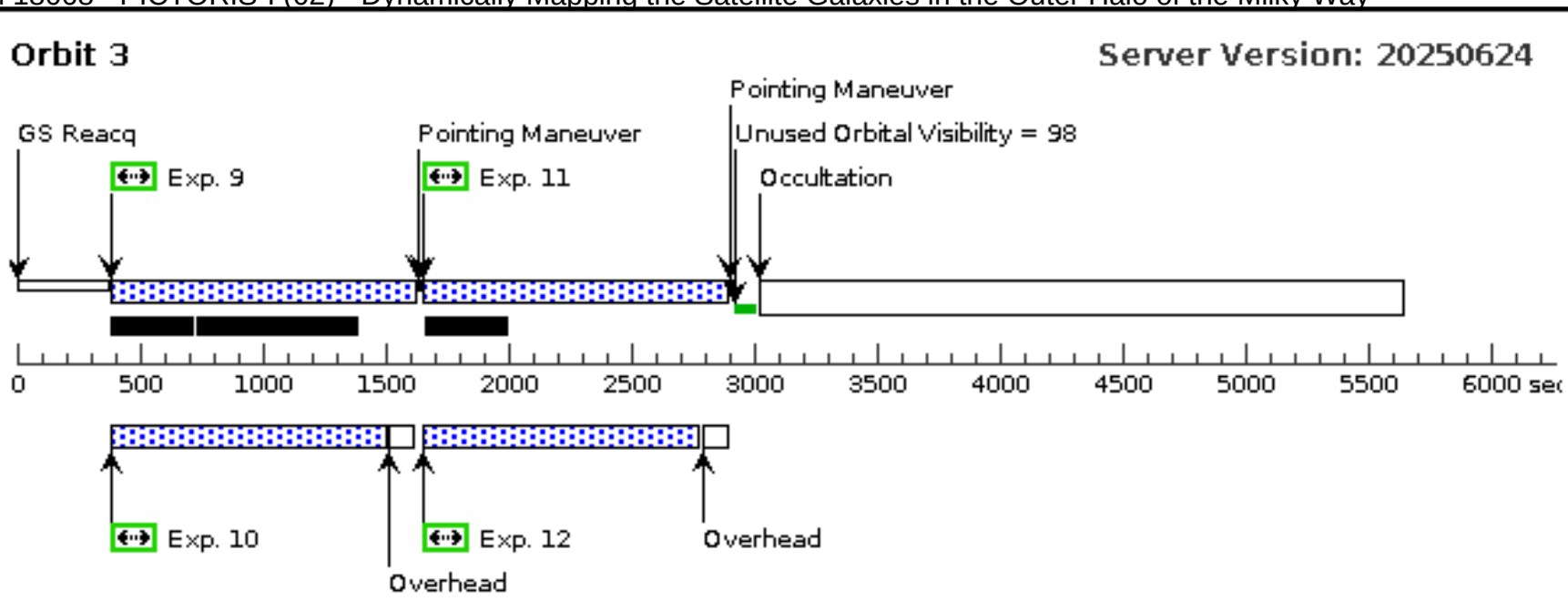
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) PICTORIS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0 .0000	Prime + Parallel Group 1-2 in PICTORIS-I (02)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in PICTORIS-I (02)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(2) PICTORIS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0 .2350	Prime + Parallel Group 3-4 in PICTORIS-I (02)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in PICTORIS-I (02)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(2) PICTORIS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0 .1235	Prime + Parallel Group 5-6 in PICTORIS-I (02)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in PICTORIS-I (02)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(2) PICTORIS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0 .3305	Prime + Parallel Group 7-8 in PICTORIS-I (02)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in PICTORIS-I (02)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(2) PICTORIS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0 .0505	Prime + Parallel Group 9-10 in PICTORIS-I (02)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in PICTORIS-I (02)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(2) PICTORIS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0 .2855	Prime + Parallel Group 11-12 in PICTORIS-I (02)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in PICTORIS-I (02)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(2) PICTORIS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0 .1735	Prime + Parallel Group 13-14 in PICTORIS-I (02)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in PICTORIS-I (02)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(2) PICTORIS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0 .3810	Prime + Parallel Group 15-16 in PICTORIS-I (02)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in PICTORIS-I (02)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure






Orbit 3
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Pointing Maneuver
GS Reacq
Pointing Maneuver
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Exp. 11
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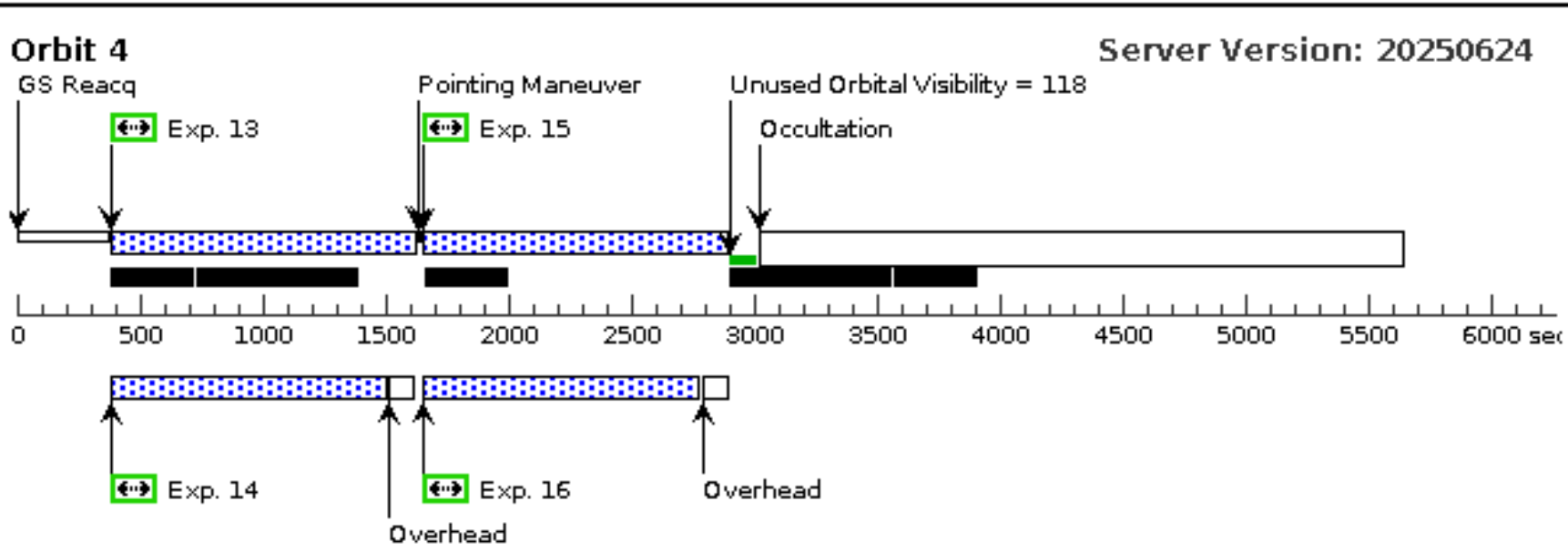
Exp. 10
Exp. 12
Overhead
Overhead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GS Reacq
Pointing Maneuver
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Occultation
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4000
4500
5000
5500
6000 sec
Exp. 14
Exp. 16
Overhead
Overhead

Visit

Proposal 18068, PHOENIX-II (03), implementation Tue Oct 07 15:08:19 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 227.64D TO 227.64 D

Fixed Targets

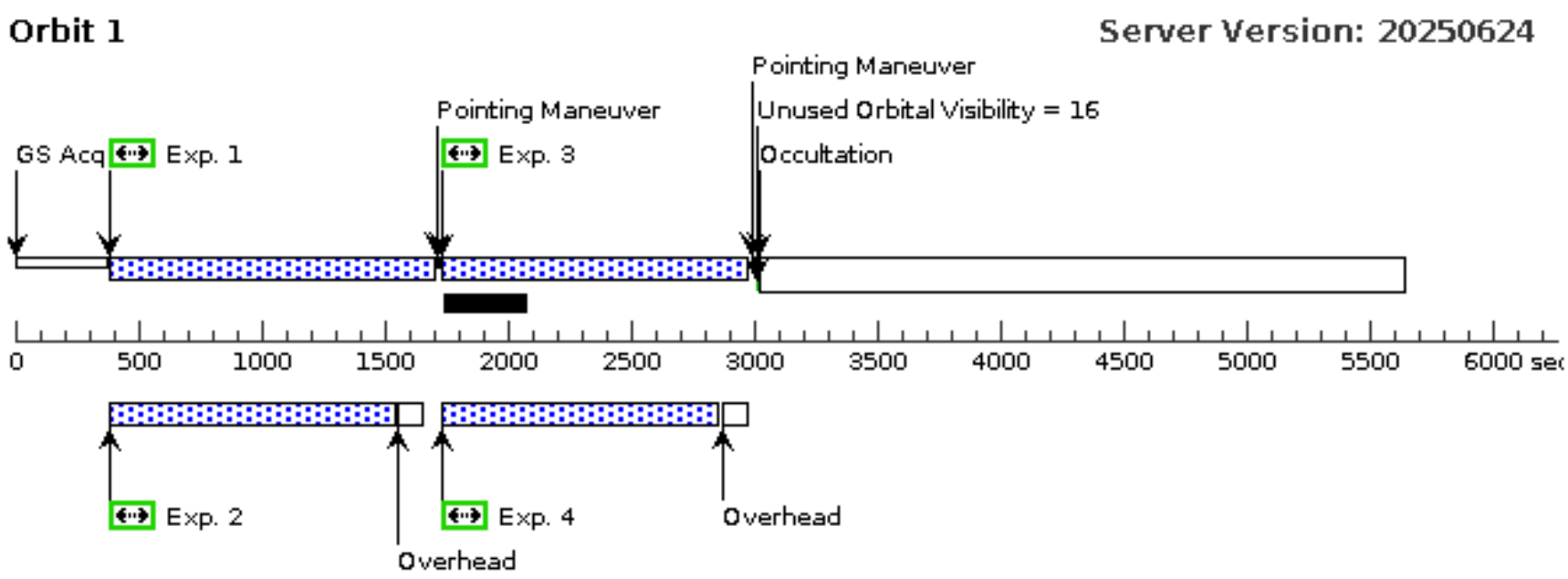
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	PHOENIX-II	RA: 23 39 59.4000 (354.9975000d) Dec: -54 24 21.60 (-54.40600d) Equinox: J2000		V=(?) M_V=-2.8	Reference Frame: ICRS

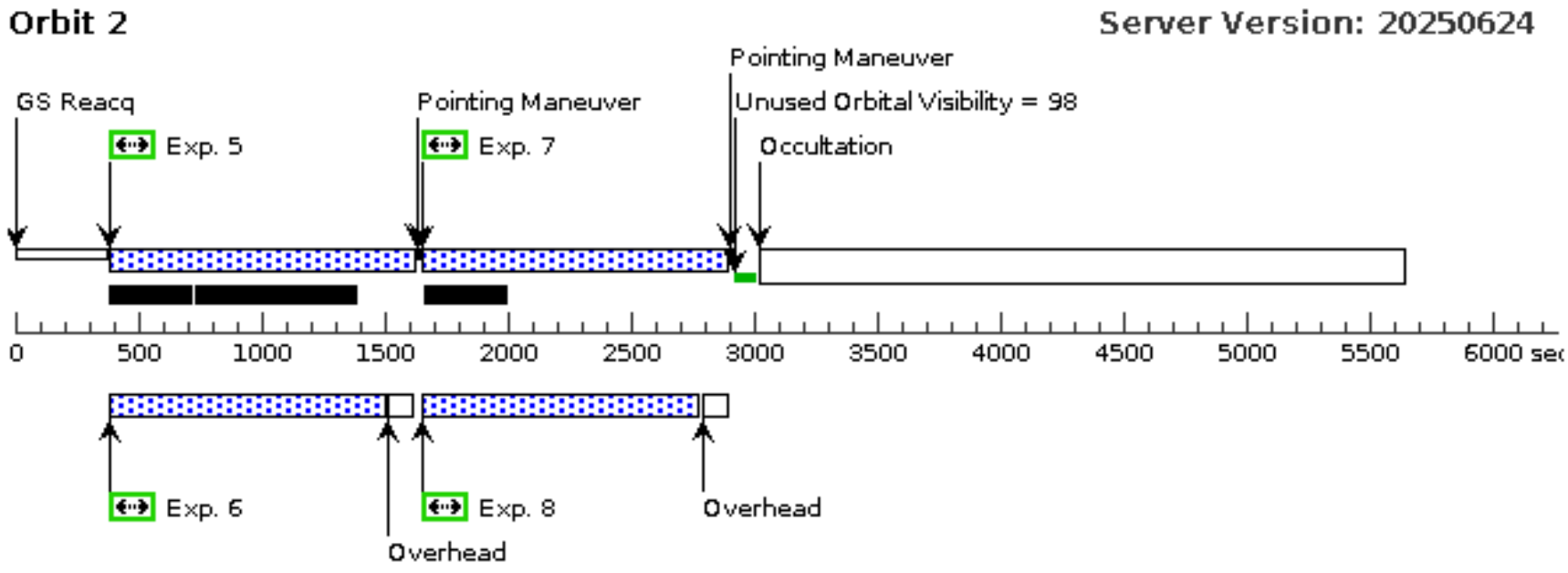
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

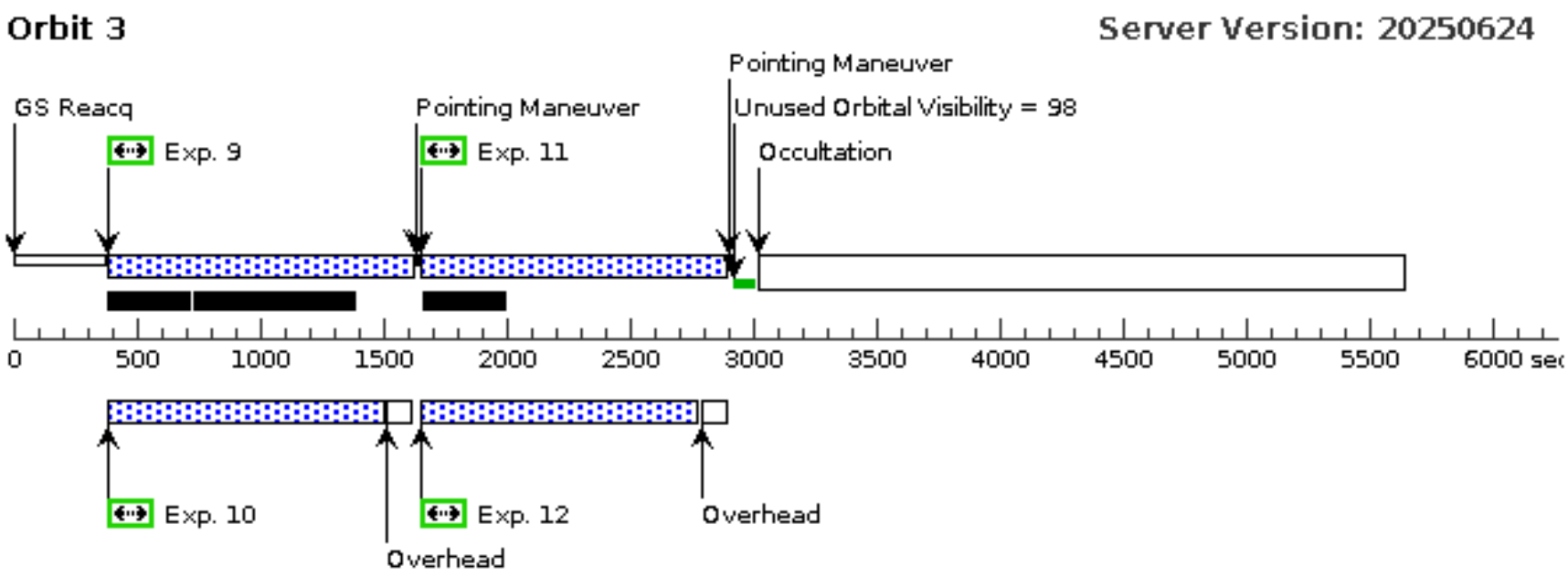
Exposures

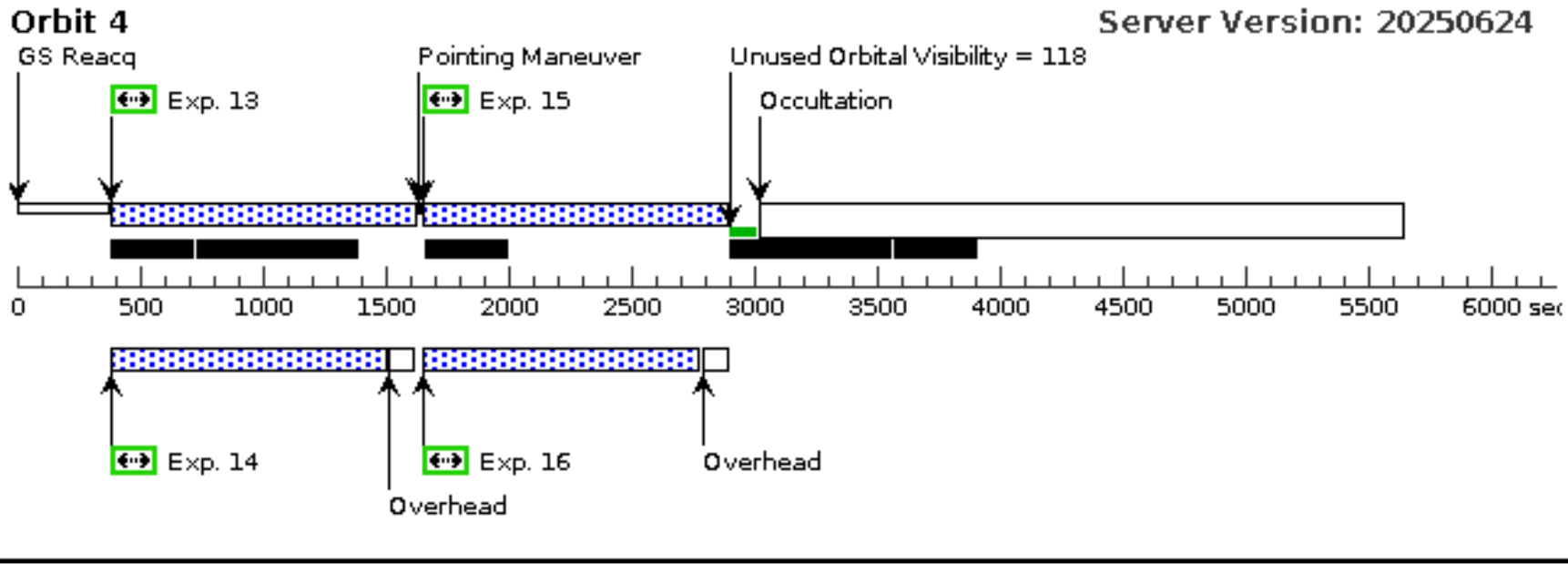
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) PHOENIX-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0.0000	Prime + Parallel Group 1-2 in PHOENIX-II (03)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in PHOENIX-II (03)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(3) PHOENIX-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0.2350	Prime + Parallel Group 3-4 in PHOENIX-II (03)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in PHOENIX-II (03)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(3) PHOENIX-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0.1235	Prime + Parallel Group 5-6 in PHOENIX-II (03)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in PHOENIX-II (03)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(3) PHOENIX-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0.3305	Prime + Parallel Group 7-8 in PHOENIX-II (03)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in PHOENIX-II (03)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(3) PHOENIX-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0.0505	Prime + Parallel Group 9-10 in PHOENIX-II (03)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in PHOENIX-II (03)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(3) PHOENIX-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0.2855	Prime + Parallel Group 11-12 in PHOENIX-II (03)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in PHOENIX-II (03)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(3) PHOENIX-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0.1735	Prime + Parallel Group 13-14 in PHOENIX-II (03)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in PHOENIX-II (03)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(3) PHOENIX-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0.3810	Prime + Parallel Group 15-16 in PHOENIX-II (03)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in PHOENIX-II (03)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure






Orbit 3
Server Version: 20250624
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 98
Exp. 9
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 10
Exp. 12
Overhead
Overhead


Orbit 4
Server Version: 20250624
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 118
Exp. 13
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Exp. 16
Overhead
Overhead

Visit

Proposal 18068, GRUS-I (04), implementation Tue Oct 07 15:08:19 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 0D TO 15 D

Fixed Targets

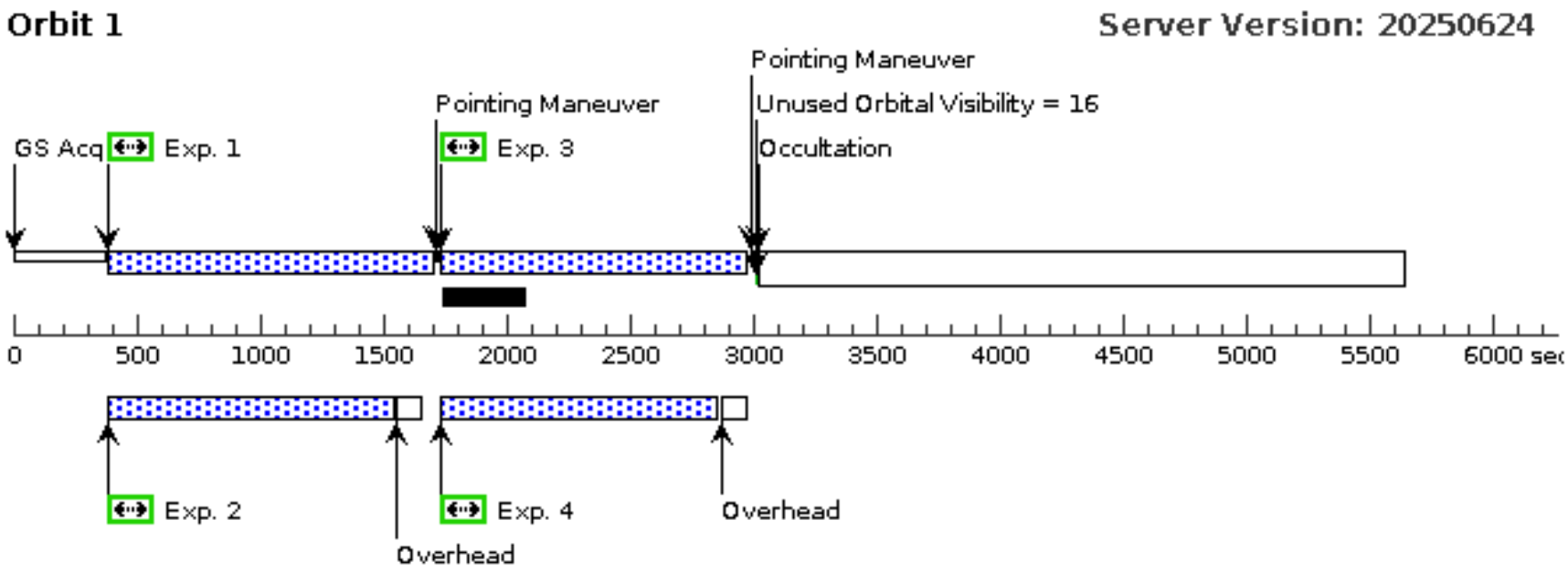
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	GRUS-I	RA: 22 56 42.0947 (344.1753946d) Dec: -50 09 49.08 (-50.16363d) Equinox: J2000		V=(?) M_V=-3.4	Reference Frame: ICRS

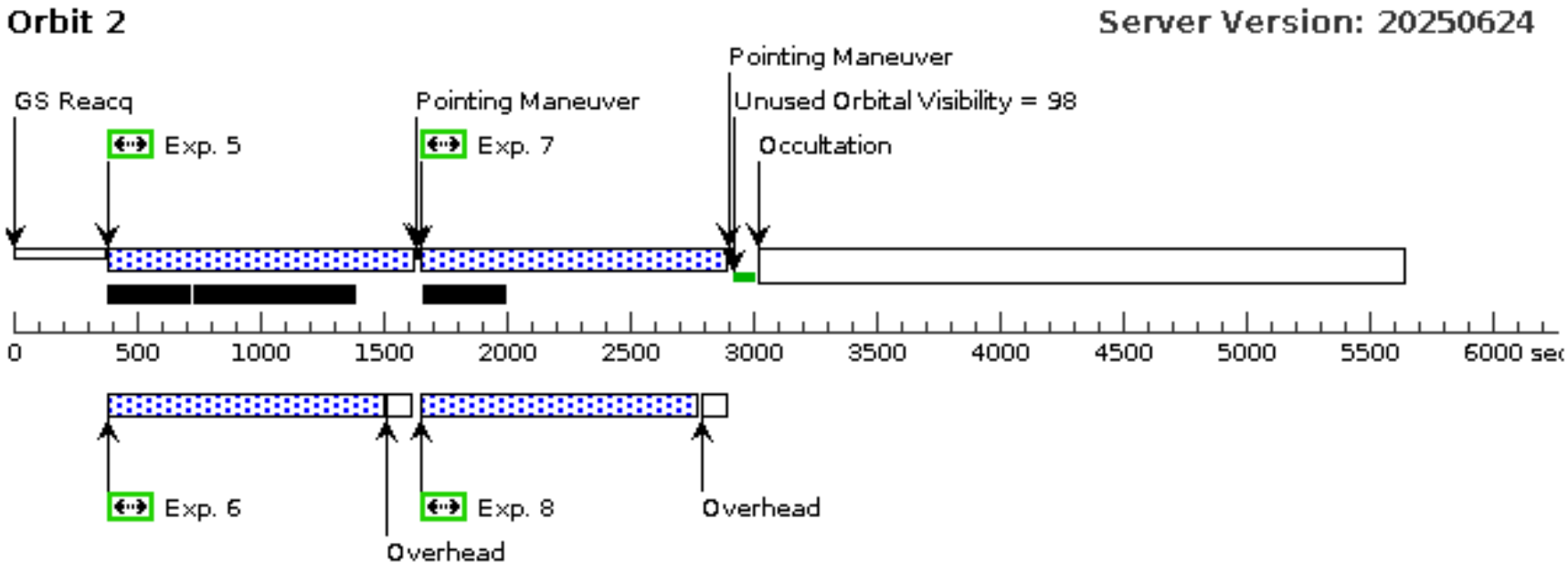
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

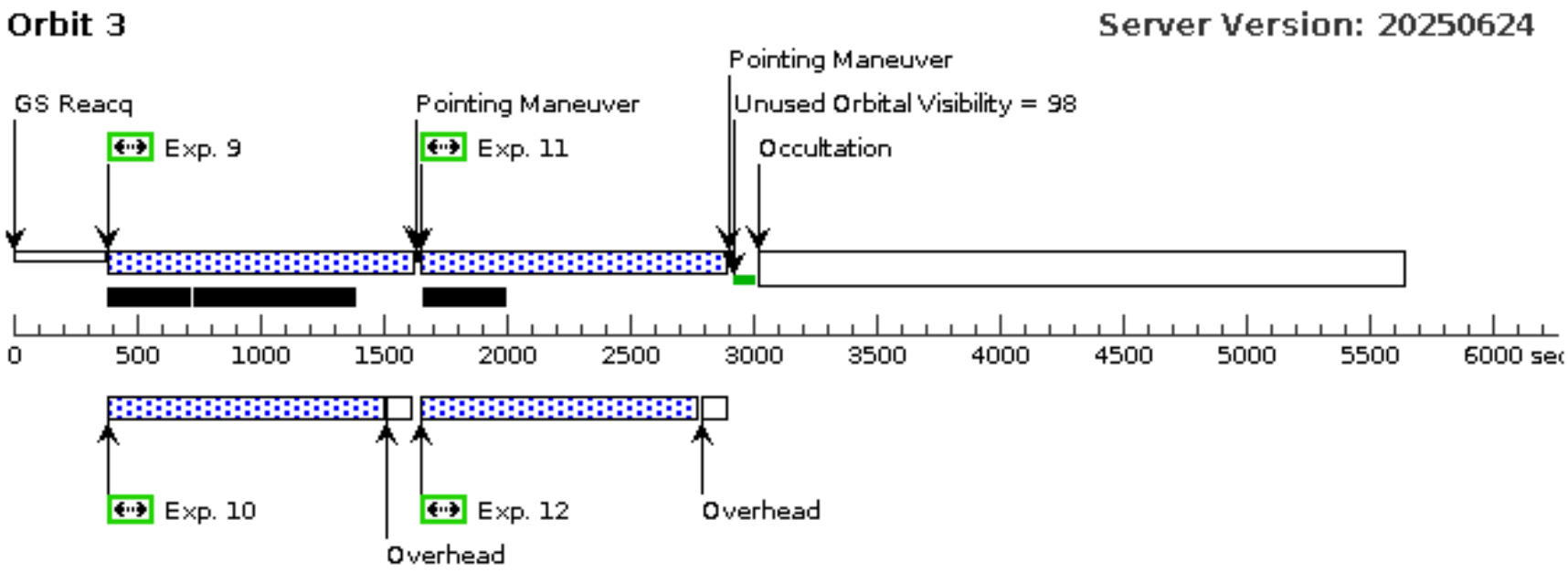
Exposures

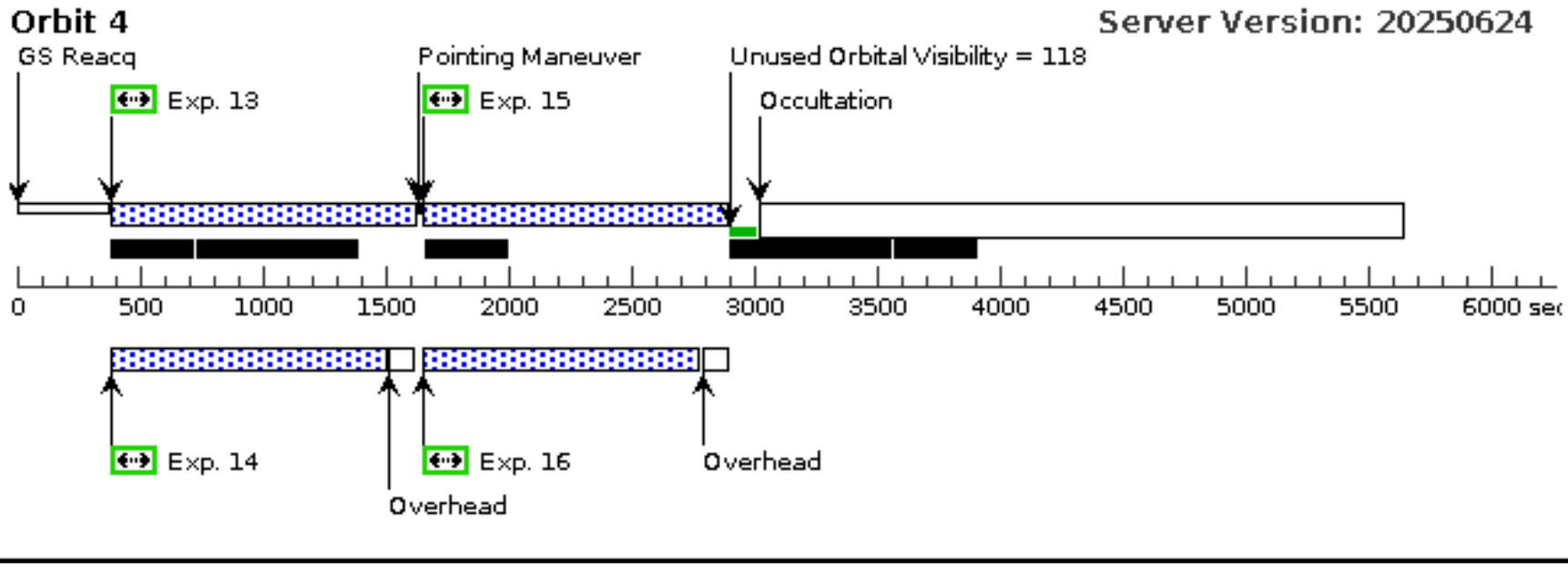
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) GRUS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0 .0000	Prime + Parallel Group 1-2 in GRUS-I (04)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in GRUS-I (04)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(4) GRUS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0 .2350	Prime + Parallel Group 3-4 in GRUS-I (04)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in GRUS-I (04)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(4) GRUS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0 .1235	Prime + Parallel Group 5-6 in GRUS-I (04)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in GRUS-I (04)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(4) GRUS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0 .3305	Prime + Parallel Group 7-8 in GRUS-I (04)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in GRUS-I (04)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(4) GRUS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0 .0505	Prime + Parallel Group 9-10 in GRUS-I (04)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in GRUS-I (04)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(4) GRUS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0 .2855	Prime + Parallel Group 11-12 in GRUS-I (04)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in GRUS-I (04)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(4) GRUS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0 .1735	Prime + Parallel Group 13-14 in GRUS-I (04)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in GRUS-I (04)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(4) GRUS-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0 .3810	Prime + Parallel Group 15-16 in GRUS-I (04)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in GRUS-I (04)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure






Orbit 3
Server Version: 20250624
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 98
Exp. 9
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 10
Exp. 12
Overhead
Overhead


Orbit 4
Server Version: 20250624
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 118
Exp. 13
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Exp. 16
Overhead
Overhead

Visit

Proposal 18068, ERIDANUS-III (05), implementation Tue Oct 07 15:08:19 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 295D TO 320 D

Fixed Targets

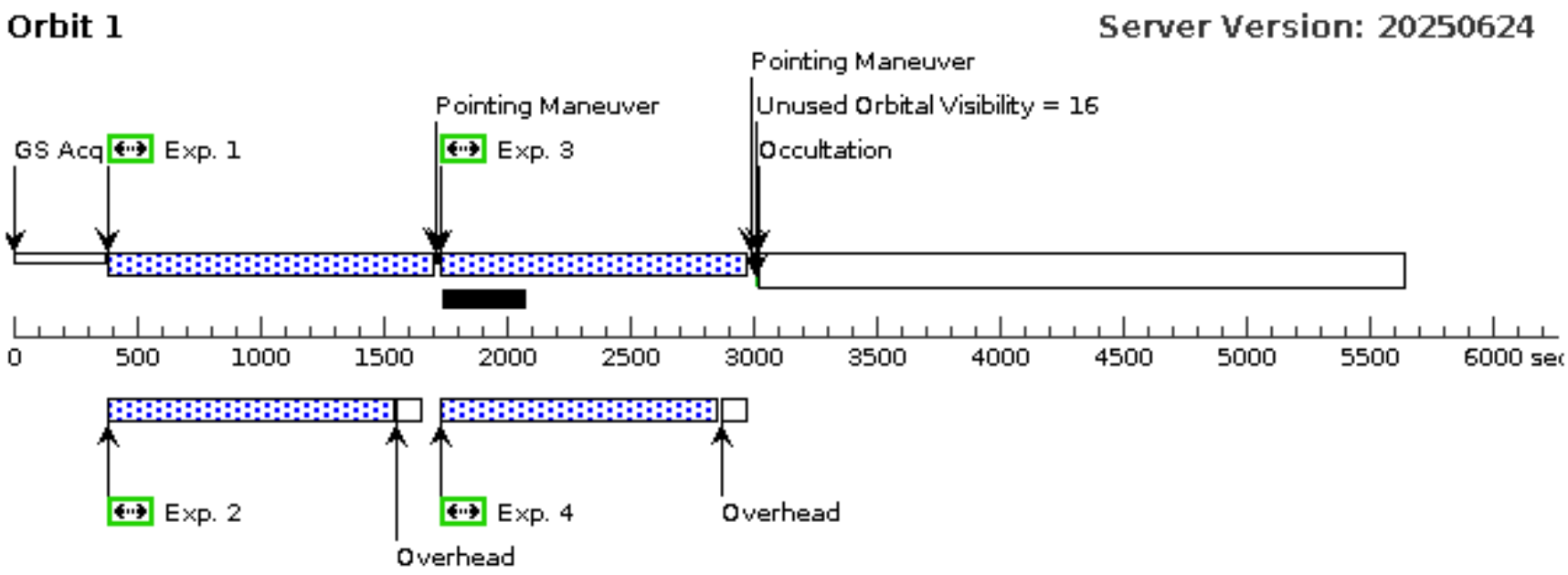
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	ERIDANUS-III	RA: 02 22 45.5300 (35.6897083d) Dec: -52 17 1.32 (-52.28370d) Equinox: J2000		V=(?) M_V=-2.0	Reference Frame: ICRS

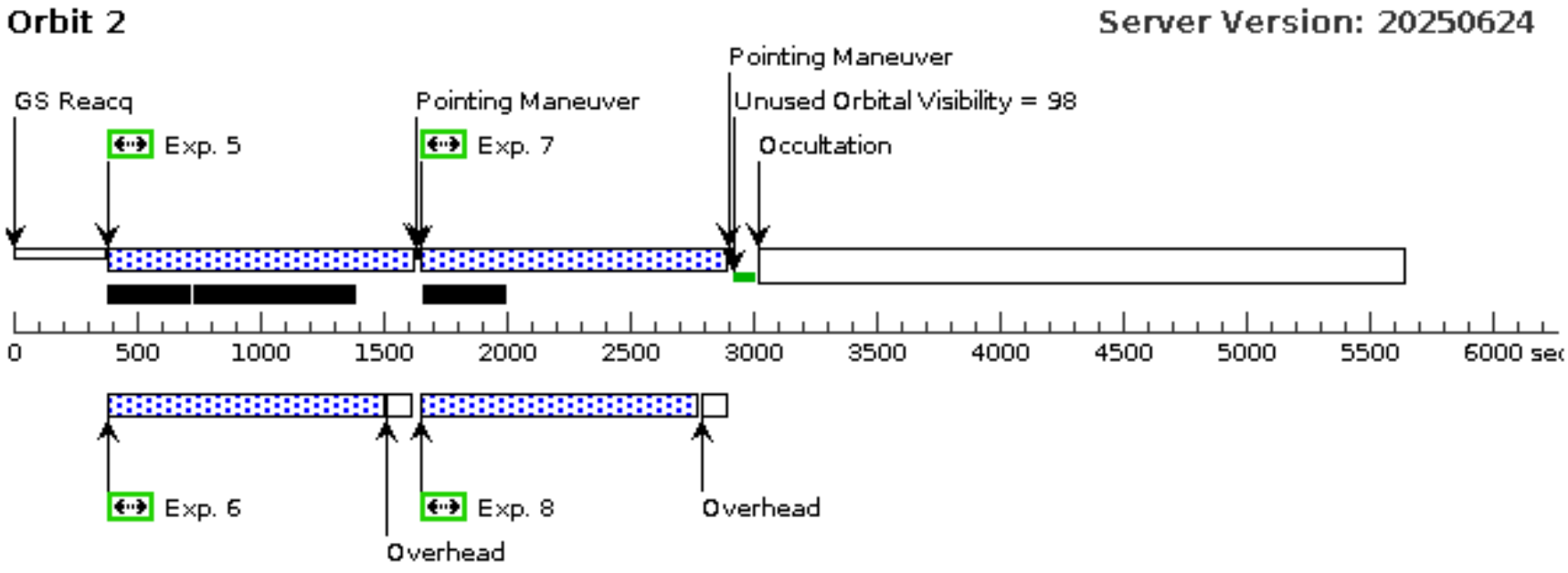
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

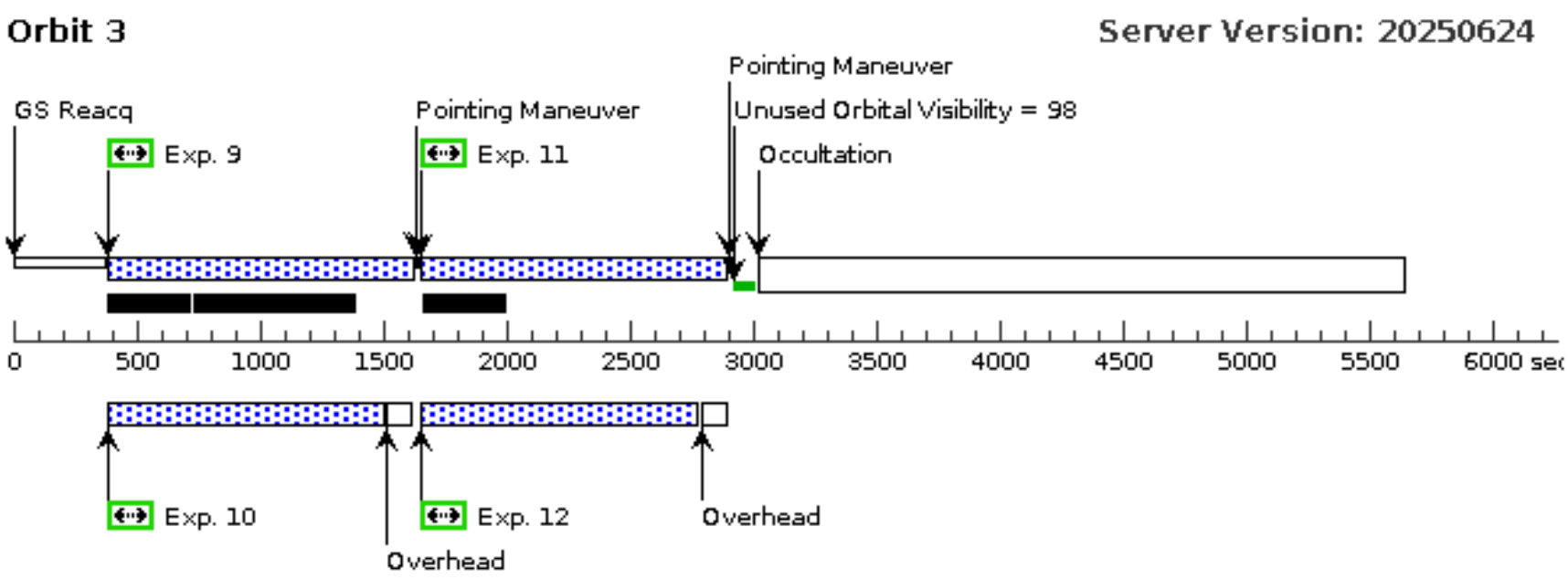
Exposures

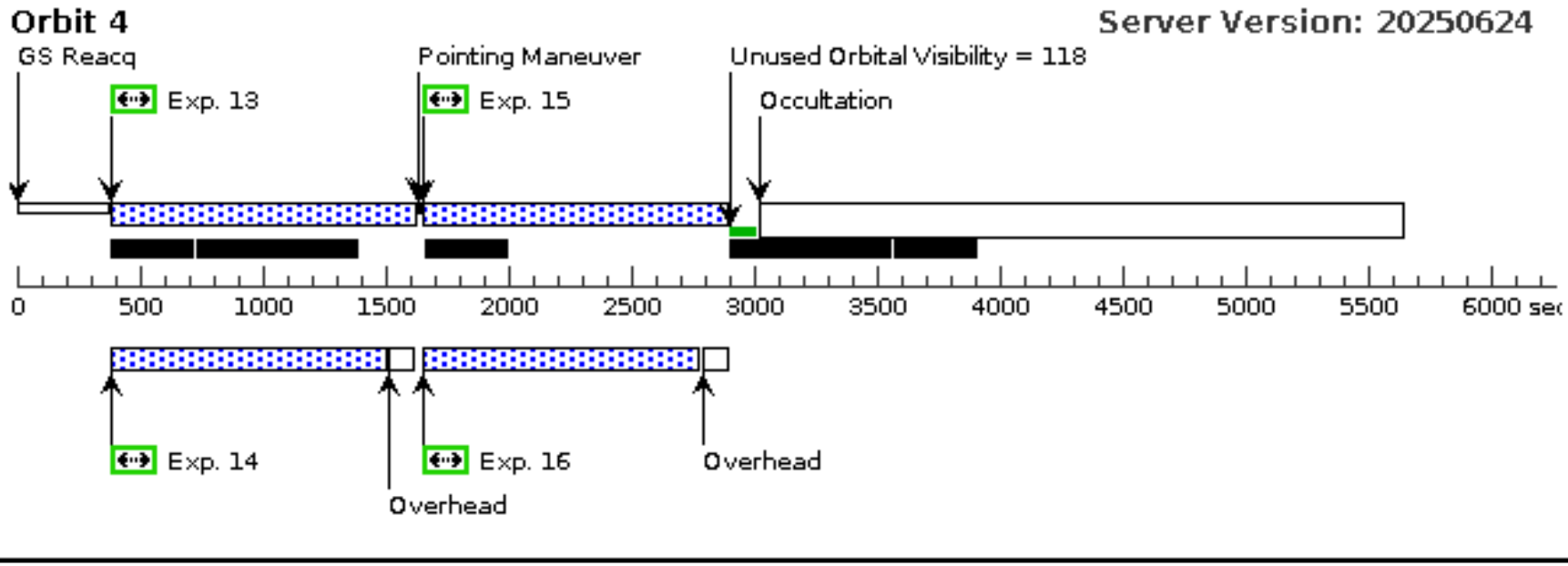
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) ERIDANUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0.0000	Prime + Parallel Group 1-2 in ERIDANUS-III (05)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in ERIDANUS-III (05)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(5) ERIDANUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0.2350	Prime + Parallel Group 3-4 in ERIDANUS-III (05)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in ERIDANUS-III (05)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(5) ERIDANUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0.1235	Prime + Parallel Group 5-6 in ERIDANUS-III (05)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in ERIDANUS-III (05)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(5) ERIDANUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0.3305	Prime + Parallel Group 7-8 in ERIDANUS-III (05)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in ERIDANUS-III (05)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(5) ERIDANUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0.0505	Prime + Parallel Group 9-10 in ERIDANUS-III (05)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in ERIDANUS-III (05)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(5) ERIDANUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0.2855	Prime + Parallel Group 11-12 in ERIDANUS-III (05)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in ERIDANUS-III (05)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(5) ERIDANUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0.1735	Prime + Parallel Group 13-14 in ERIDANUS-III (05)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in ERIDANUS-III (05)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(5) ERIDANUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0.3810	Prime + Parallel Group 15-16 in ERIDANUS-III (05)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in ERIDANUS-III (05)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure






Orbit 3
Server Version: 20250624
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Unused Orbital Visibility = 98
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 10
Overhead
Exp. 12
Overhead


Orbit 4
Server Version: 20250624
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Unused Orbital Visibility = 118
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Overhead
Exp. 16
Overhead

Visit

Proposal 18068, HYDRA-II (06), implementation Tue Oct 07 15:08:19 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 283.53D TO 283.53 D

Fixed Targets

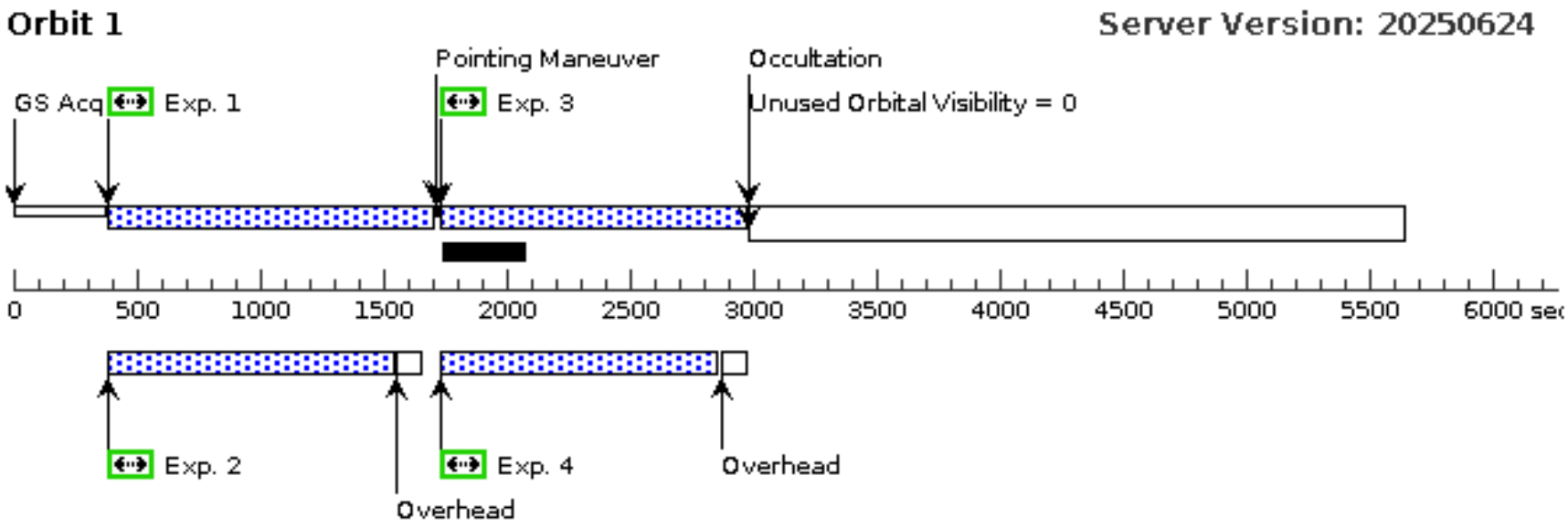
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	HYDRA-II	RA: 12 21 42.1000 (185.4254167d) Dec: -31 59 7.00 (-31.98528d) Equinox: J2000		V=(?) M_V=-4.8	Reference Frame: ICRS

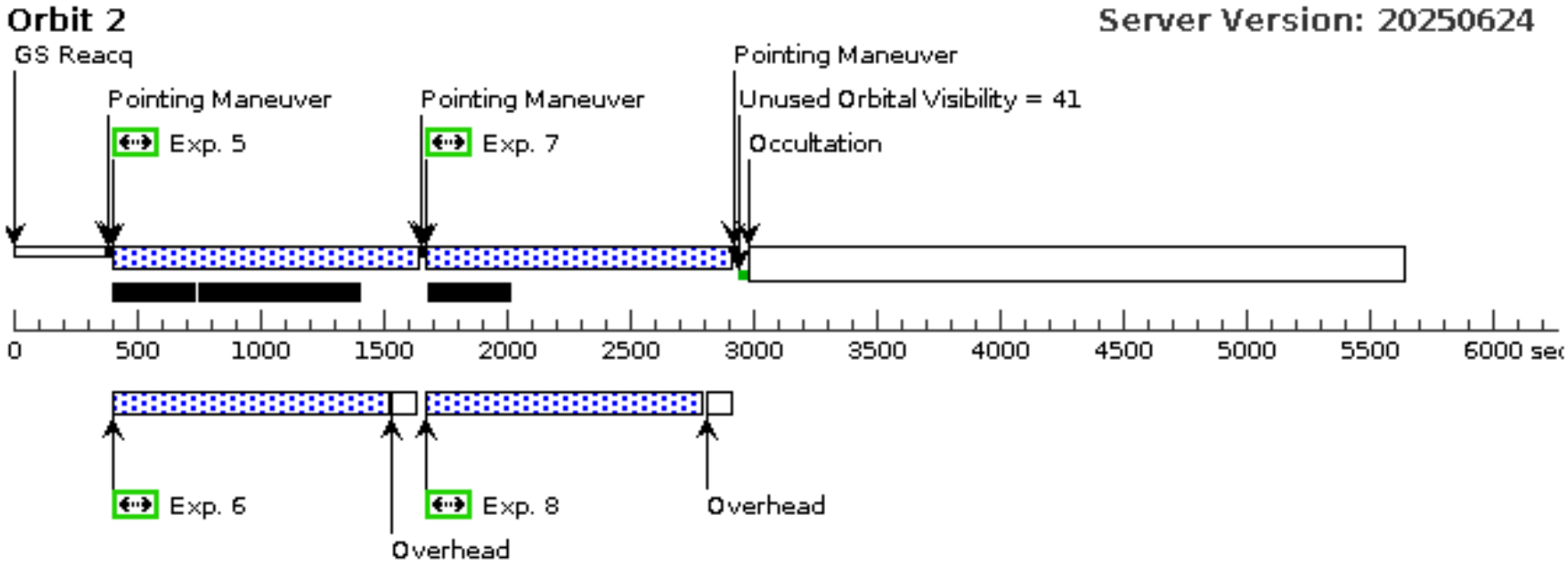
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

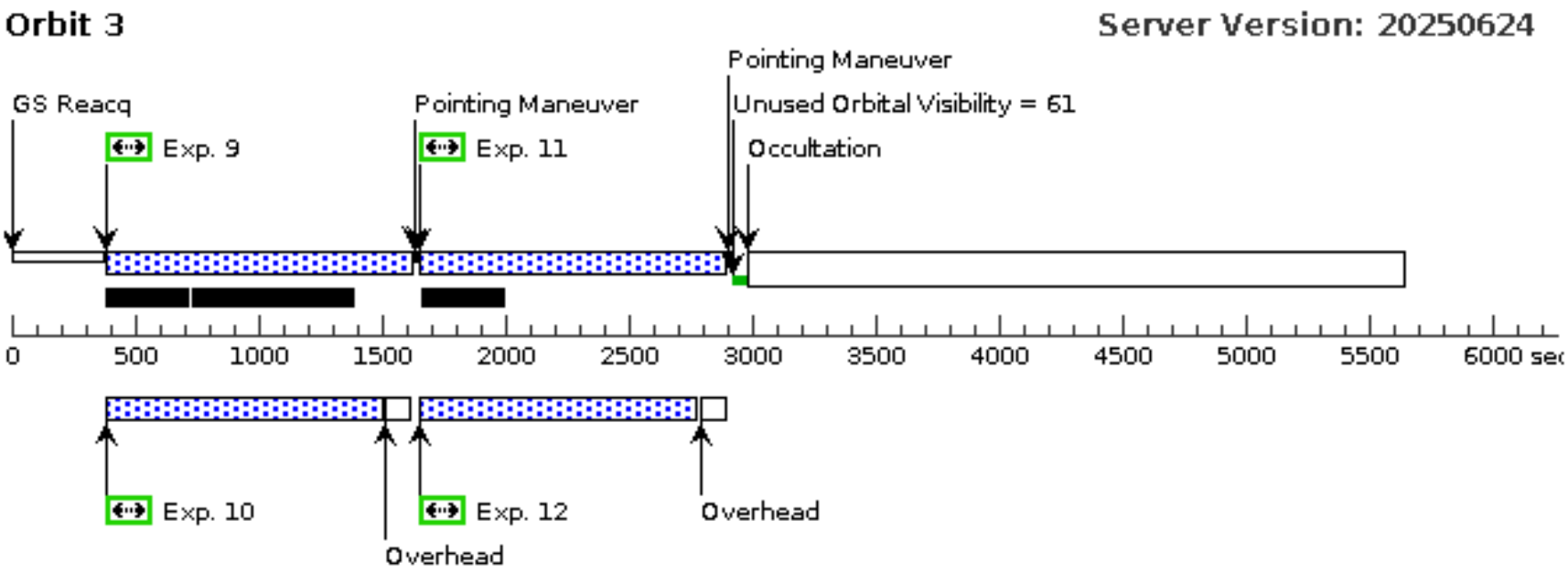
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) HYDRA-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0.0000	Prime + Parallel Group 1-2 in HYDRA-II (06)	1114 Secs (1114 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in HYDRA-II (06)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(6) HYDRA-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0.2350	Prime + Parallel Group 3-4 in HYDRA-II (06)	1115 Secs (1115 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in HYDRA-II (06)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(6) HYDRA-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0.1235	Prime + Parallel Group 5-6 in HYDRA-II (06)	1115 Secs (1115 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in HYDRA-II (06)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(6) HYDRA-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0.3305	Prime + Parallel Group 7-8 in HYDRA-II (06)	1115 Secs (1115 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in HYDRA-II (06)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(6) HYDRA-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0.0505	Prime + Parallel Group 9-10 in HYDRA-II (06)	1115 Secs (1115 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in HYDRA-II (06)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(6) HYDRA-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0.2855	Prime + Parallel Group 11-12 in HYDRA-II (06)	1115 Secs (1115 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in HYDRA-II (06)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(6) HYDRA-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0.1735	Prime + Parallel Group 13-14 in HYDRA-II (06)	1115 Secs (1115 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in HYDRA-II (06)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(6) HYDRA-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0.3810	Prime + Parallel Group 15-16 in HYDRA-II (06)	1115 Secs (1115 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in HYDRA-II (06)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure






Orbit 3
Server Version: 20250624
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 61
Exp. 9
Exp. 11
Occultation
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3000
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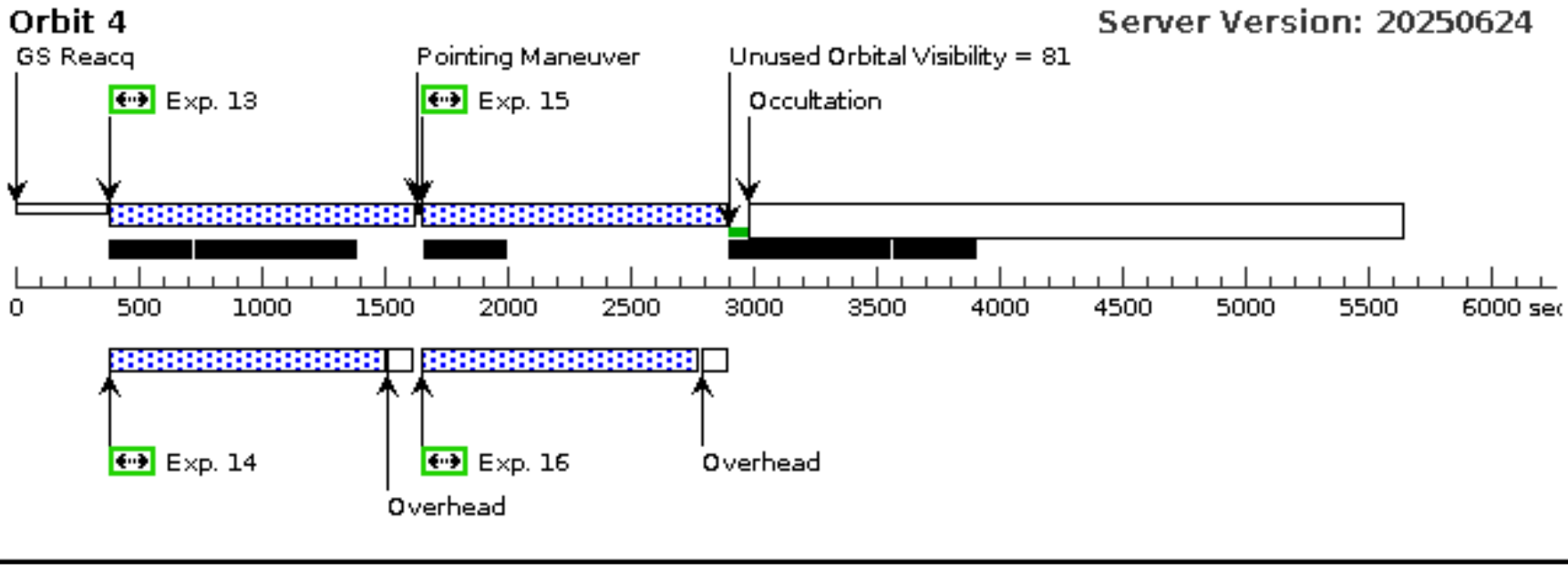
4000
4500
5000
5500
6000 sec
Exp. 10
Exp. 12
Overhead
Overhead


Orbit 4
Server Version: 20250624
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 81
Exp. 13
Exp. 15
Occultation
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500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Exp. 16
Overhead
Overhead

Visit

Proposal 18068, PEGASUS-III (07), implementation Tue Oct 07 15:08:19 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 253.13D TO 253.13 D

Fixed Targets

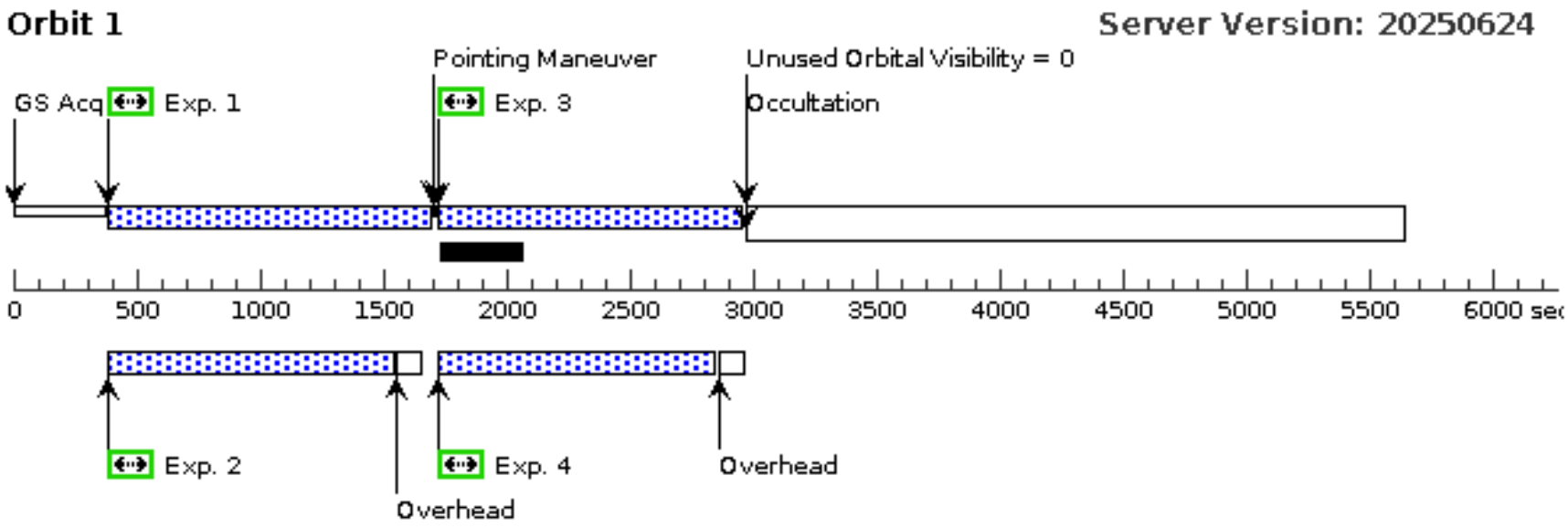
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	PEGASUS-III	RA: 22 24 24.2000 (336.1008333d) Dec: +05 24 36.00 (5.41000d) Equinox: J2000		V=(?) M_V=-4.1	Reference Frame: ICRS

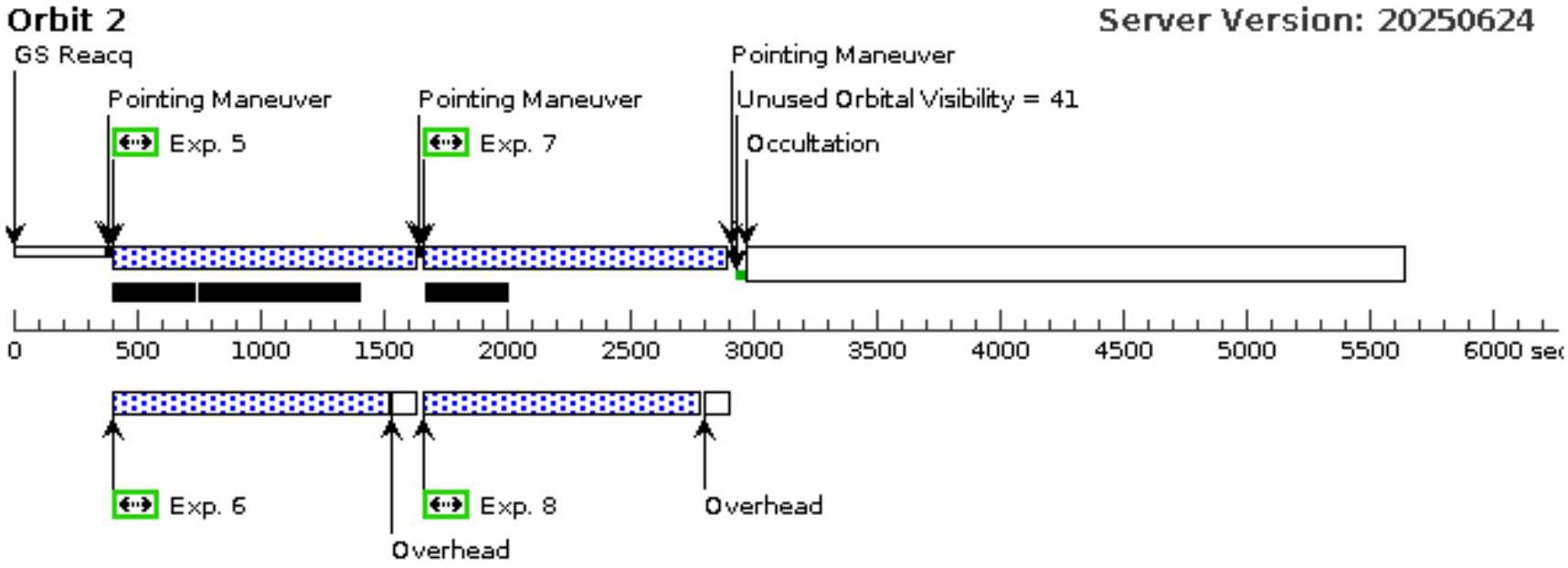
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

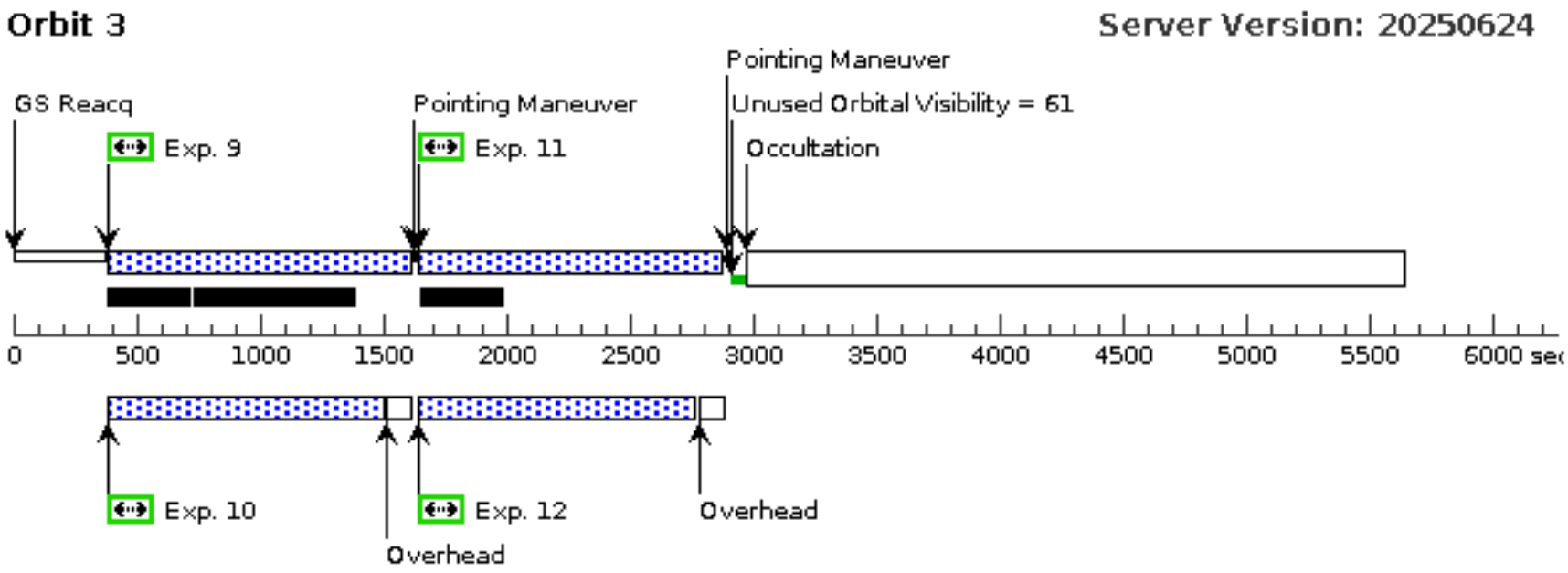
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) PEGASUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0 .0000	Prime + Parallel Group 1-2 in PEGASUS -III (07)	1109 Secs (1109 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in PEGASUS -III (07)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(7) PEGASUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0 .2350	Prime + Parallel Group 3-4 in PEGASUS -III (07)	1110 Secs (1110 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in PEGASUS -III (07)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(7) PEGASUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0 .1235	Prime + Parallel Group 5-6 in PEGASUS -III (07)	1110 Secs (1110 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in PEGASUS -III (07)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(7) PEGASUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0 .3305	Prime + Parallel Group 7-8 in PEGASUS -III (07)	1110 Secs (1110 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in PEGASUS -III (07)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(7) PEGASUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0 .0505	Prime + Parallel Group 9-10 in PEGASUS-III (07)	1110 Secs (1110 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in PEGASUS-III (07)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(7) PEGASUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0 .2855	Prime + Parallel Group 11-12 in PEGASUS-III (07)	1110 Secs (1110 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in PEGASUS-III (07)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(7) PEGASUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0 .1735	Prime + Parallel Group 13-14 in PEGASUS-III (07)	1110 Secs (1110 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in PEGASUS-III (07)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(7) PEGASUS-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0 .3810	Prime + Parallel Group 15-16 in PEGASUS-III (07)	1110 Secs (1110 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in PEGASUS-III (07)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure



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Pointing Maneuver
GS Reacq
Pointing Maneuver
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Exp. 11
Occultation
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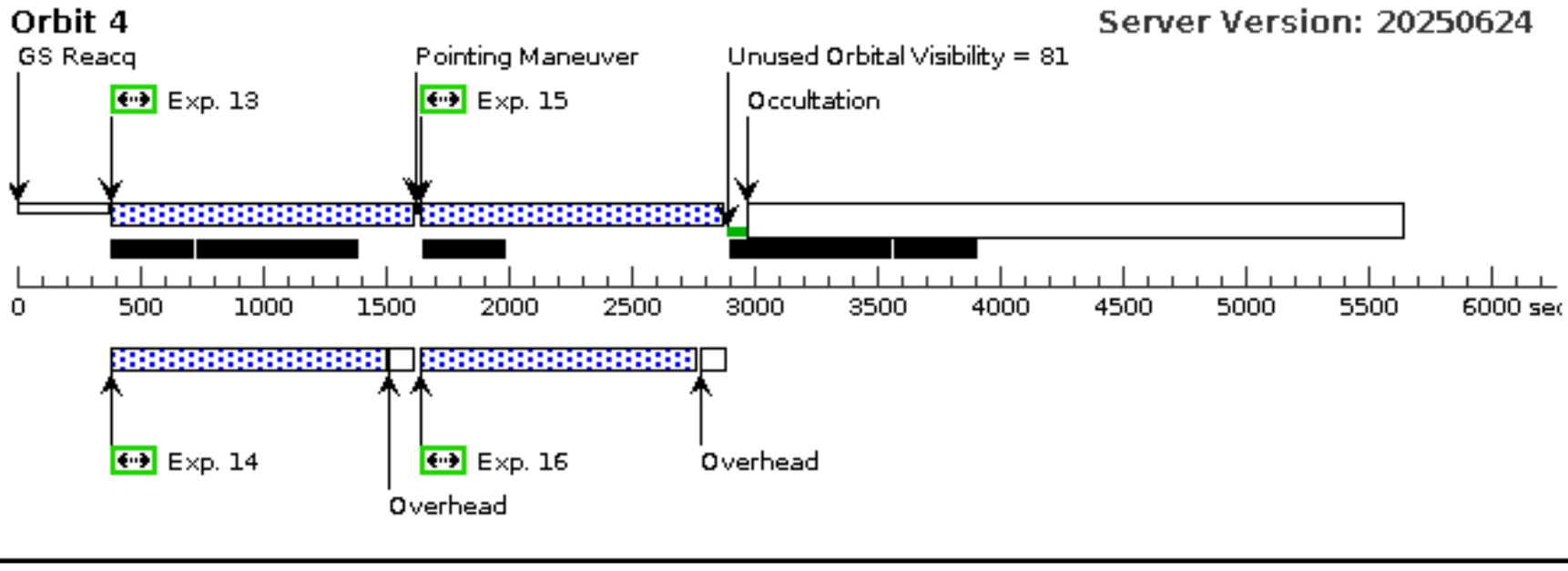
6000 sec
Exp. 10
Exp. 12
Overhead
Overhead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Server Version: 20250624
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 81
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Exp. 15
Occultation
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1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Exp. 16
Overhead
Overhead

Visit

Proposal 18068, PHOENIX-I-A (08), implementation Tue Oct 07 15:08:19 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 190D TO 195 D

Fixed Targets

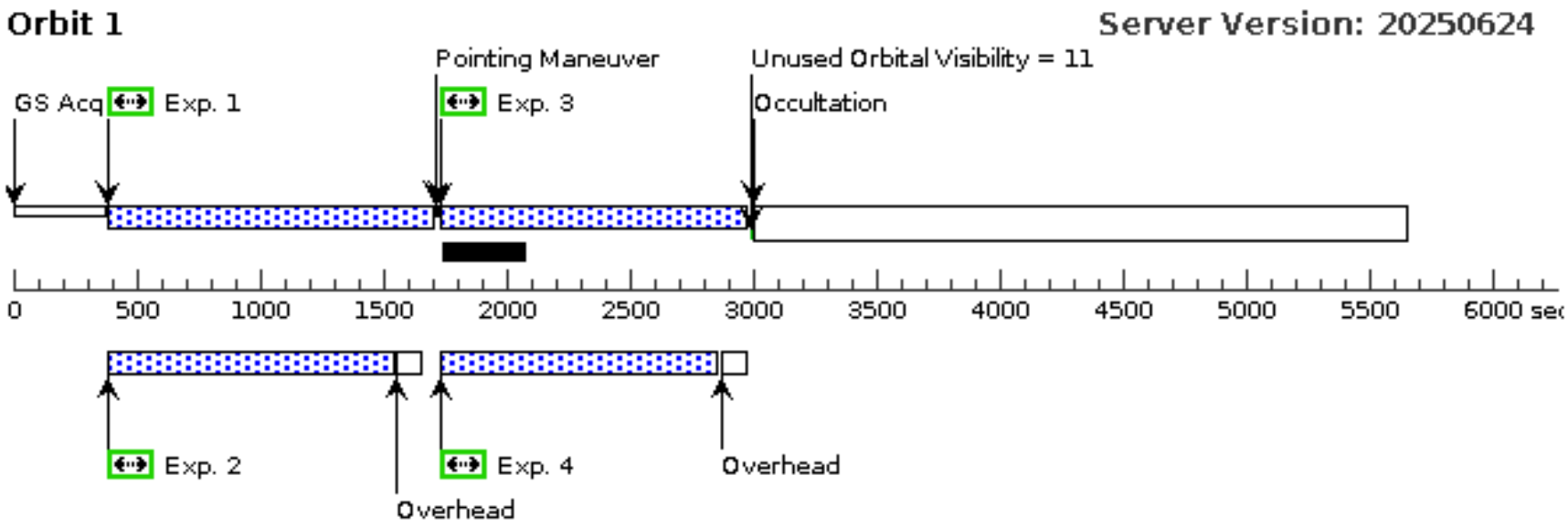
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	PHOENIX-I	RA: 01 51 6.3000 (27.7762500d) Dec: -44 26 41.00 (-44.44472d) Equinox: J2000		V=(?) M_V=-9.9	Reference Frame: ICRS

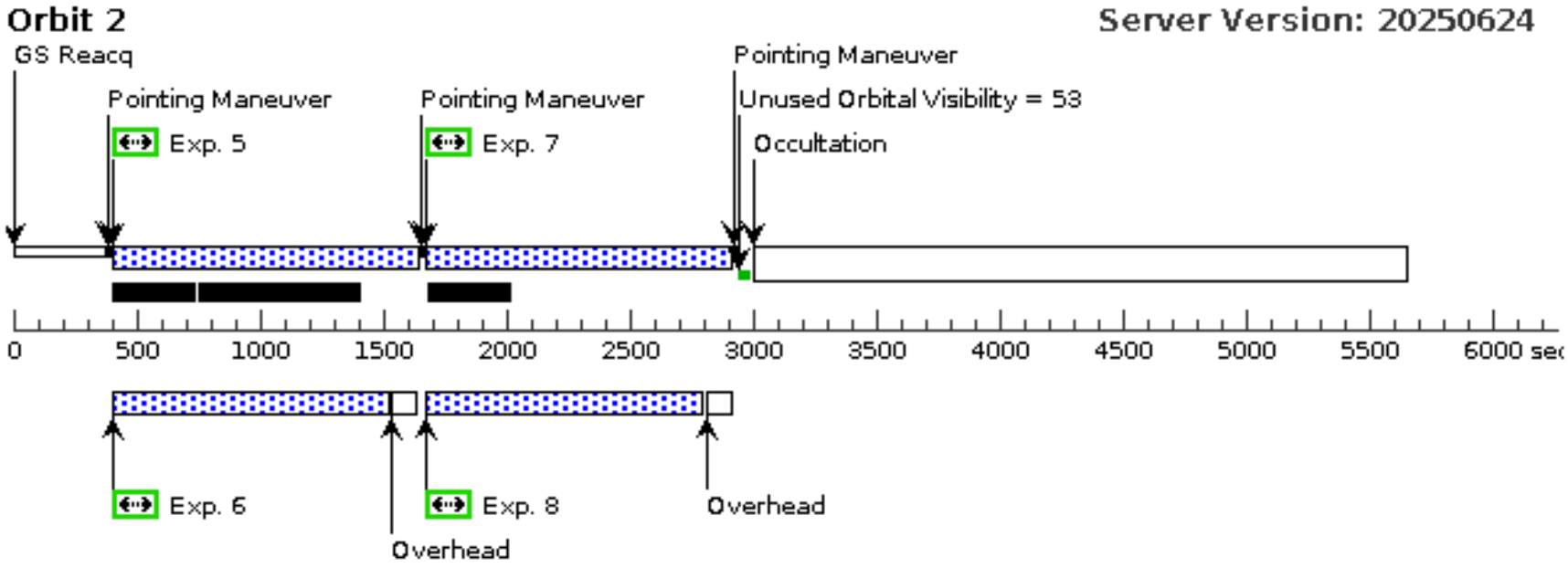
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

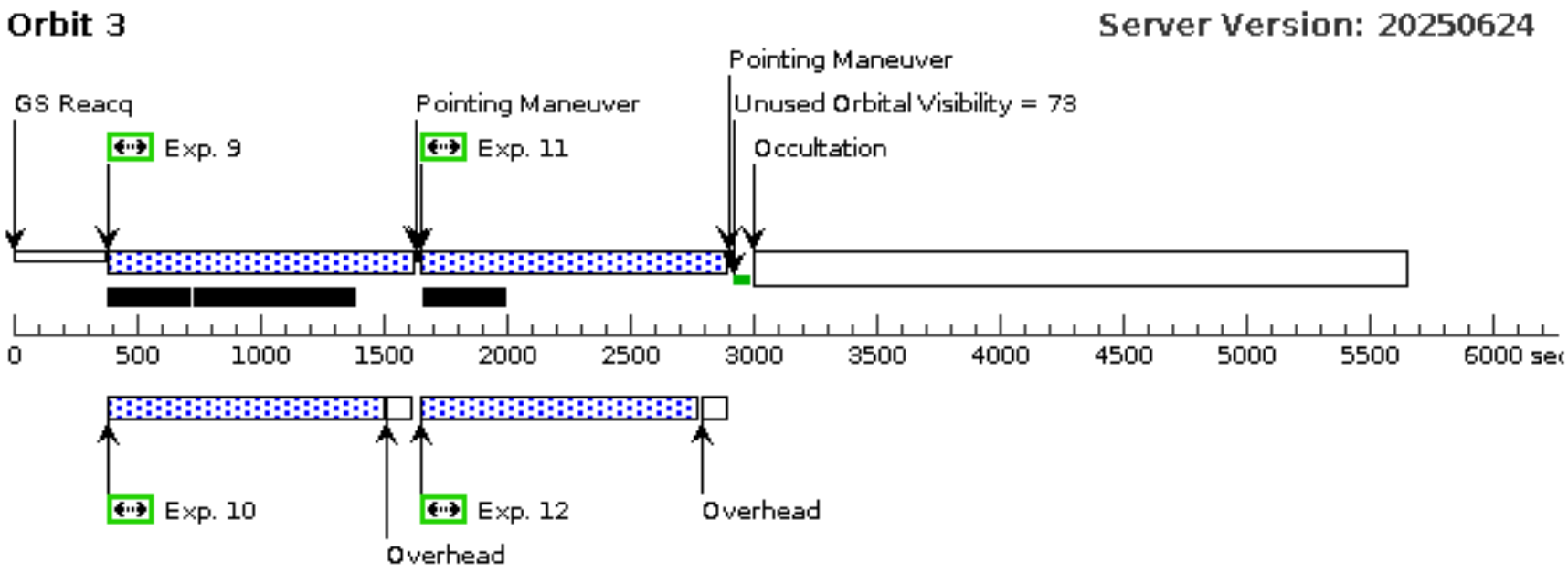
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0 .0000	Prime + Parallel Group 1-2 in PHOENIX-I-A (08)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in PHOENIX-I-A (08)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.2228,0 .1158	Prime + Parallel Group 3-4 in PHOENIX-I-A (08)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in PHOENIX-I-A (08)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0998,0 .2303	Prime + Parallel Group 5-6 in PHOENIX-I-A (08)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in PHOENIX-I-A (08)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3225,0 .3460	Prime + Parallel Group 7-8 in PHOENIX-I-A (08)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in PHOENIX-I-A (08)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.4075,0 .0306	Prime + Parallel Group 9-10 in PHOENIX-I-A (08)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in PHOENIX-I-A (08)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6304,0 .1464	Prime + Parallel Group 11-12 in PHOENIX-I-A (08)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in PHOENIX-I-A (08)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5073,0 .2609	Prime + Parallel Group 13-14 in PHOENIX-I-A (08)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in PHOENIX-I-A (08)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.7302,0 .3767	Prime + Parallel Group 15-16 in PHOENIX-I-A (08)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in PHOENIX-I-A (08)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure



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Pointing Maneuver
GS Reacq
Pointing Maneuver
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Exp. 11
Occultation
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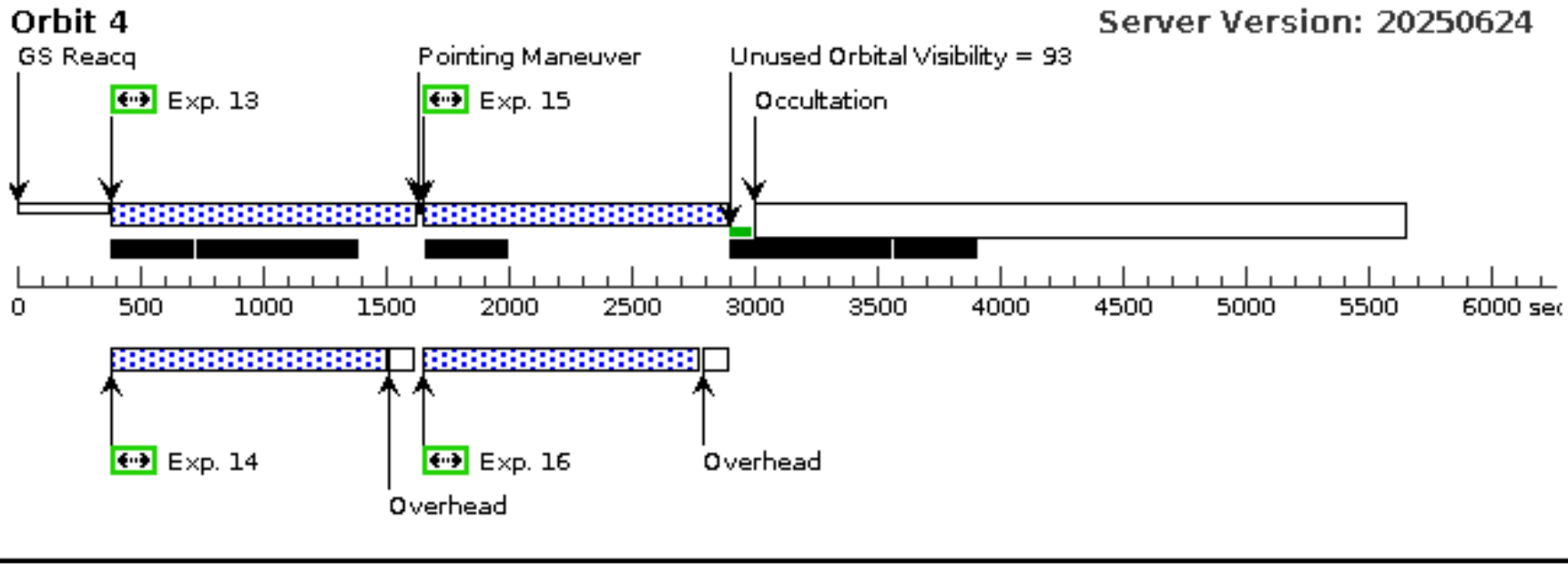
6000 sec
Exp. 10
Exp. 12
Overhead
Overhead


Orbit 4
Server Version: 20250624
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 93
Exp. 13
Exp. 15
Occultation
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1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Exp. 16
Overhead
Overhead

Visit

Proposal 18068, PHOENIX-I-B (09), implementation Tue Oct 07 15:08:19 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: SAME ORIENT AS 08

Fixed Targets

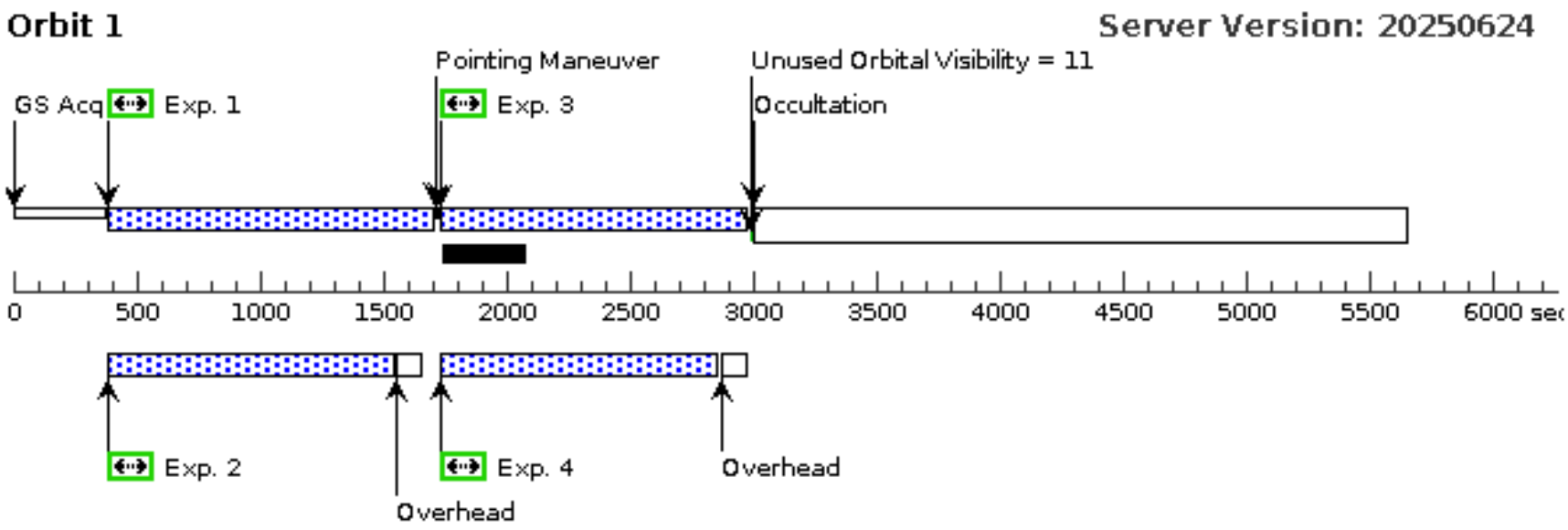
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	PHOENIX-I	RA: 01 51 6.3000 (27.7762500d) Dec: -44 26 41.00 (-44.44472d) Equinox: J2000		V=(?) M_V=-9.9	Reference Frame: ICRS

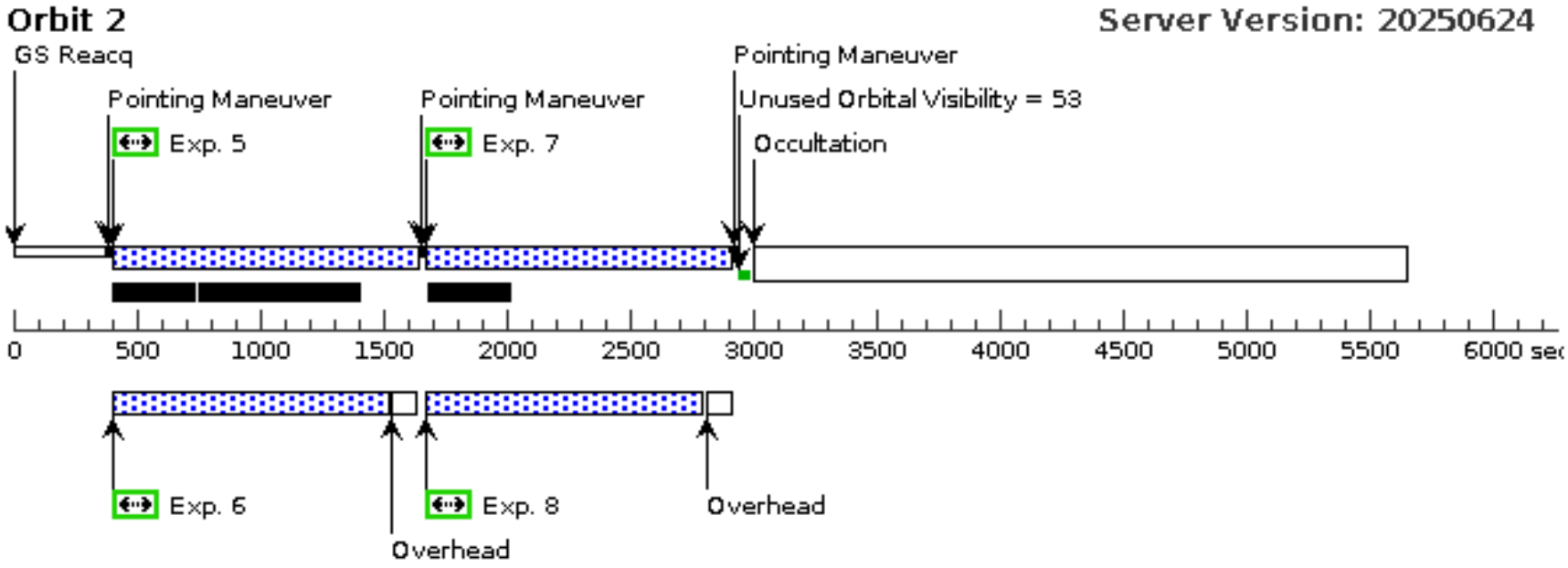
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

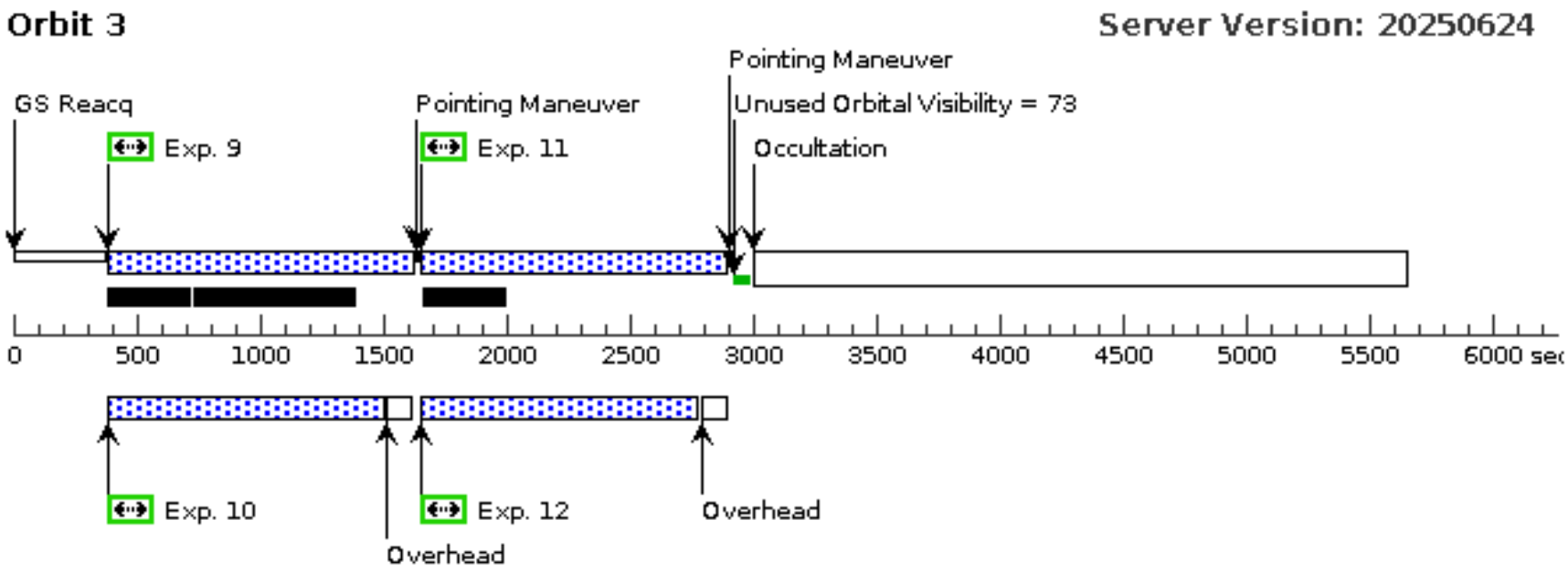
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0018,0 .4085	Prime + Parallel Group 1-2 in PHOENIX-I-B (09)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Prime + Parallel Group 1-2 in PHOENIX-I-B (09)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.2246,0 .5243	Prime + Parallel Group 3-4 in PHOENIX-I-B (09)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Prime + Parallel Group 3-4 in PHOENIX-I-B (09)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1017,0 .6388	Prime + Parallel Group 5-6 in PHOENIX-I-B (09)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Prime + Parallel Group 5-6 in PHOENIX-I-B (09)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3244,0 .7545	Prime + Parallel Group 7-8 in PHOENIX-I-B (09)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Prime + Parallel Group 7-8 in PHOENIX-I-B (09)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.4093,0 .4392	Prime + Parallel Group 9-10 in PHOENIX-I-B (09)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Prime + Parallel Group 9-10 in PHOENIX-I-B (09)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6322,0 .5550	Prime + Parallel Group 11-12 in PHOENIX-I-B (09)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Prime + Parallel Group 11-12 in PHOENIX-I-B (09)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5091,0 .6695	Prime + Parallel Group 13-14 in PHOENIX-I-B (09)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Prime + Parallel Group 13-14 in PHOENIX-I-B (09)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(8) PHOENIX-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.7320,0 .7852	Prime + Parallel Group 15-16 in PHOENIX-I-B (09)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Prime + Parallel Group 15-16 in PHOENIX-I-B (09)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure



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GS Reacq
Pointing Maneuver
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Exp. 11
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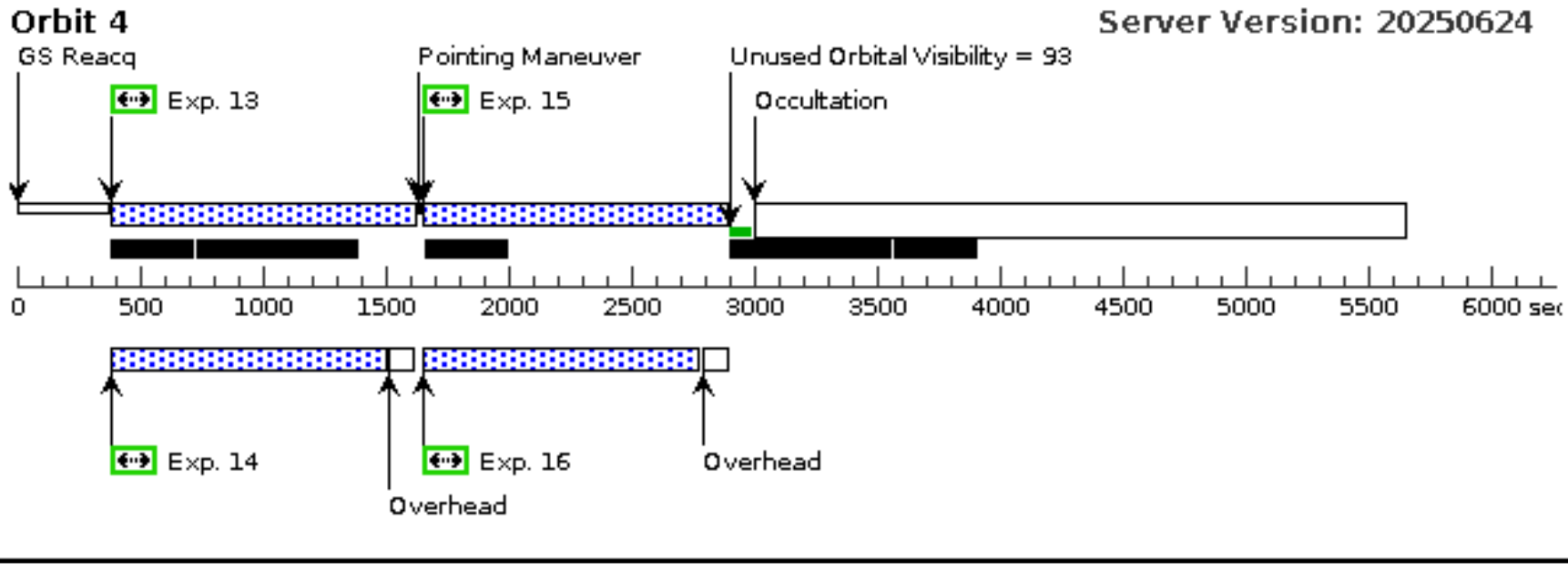
6000 sec
Exp. 10
Exp. 12
Overhead
Overhead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Server Version: 20250624
GS Reacq
Pointing Maneuver
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Occultation
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1000
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3000
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4000
4500
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5500
6000 sec
Exp. 14
Exp. 16
Overhead
Overhead

Visit

Proposal 18068, HOROLOGIUM-II-WEST (10), implementation Tue Oct 07 15:08:20 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 127.63D TO 127.63 D

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	HOROLOGIUM-II-WEST	RA: 03 16 24.8000 (49.1033333d) Dec: -50 00 12.00 (-50.00333d) Equinox: J2000		V=(?) M_V=-2.6	Reference Frame: ICRS

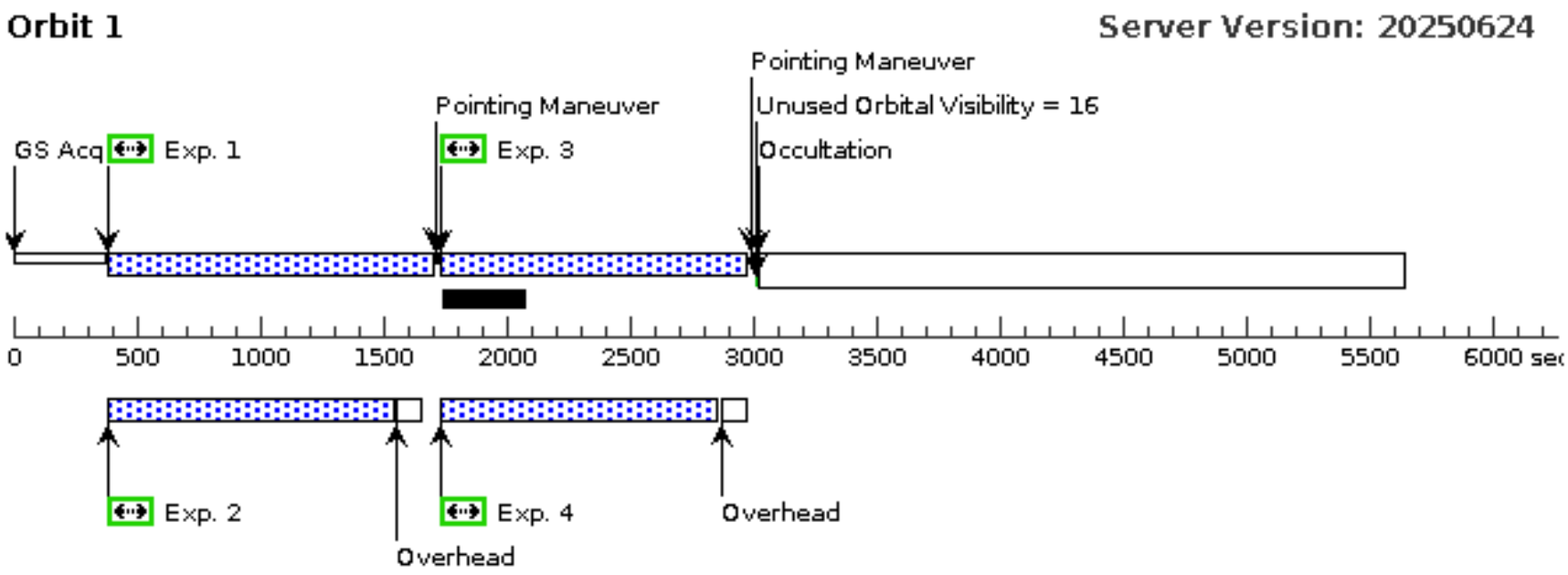
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

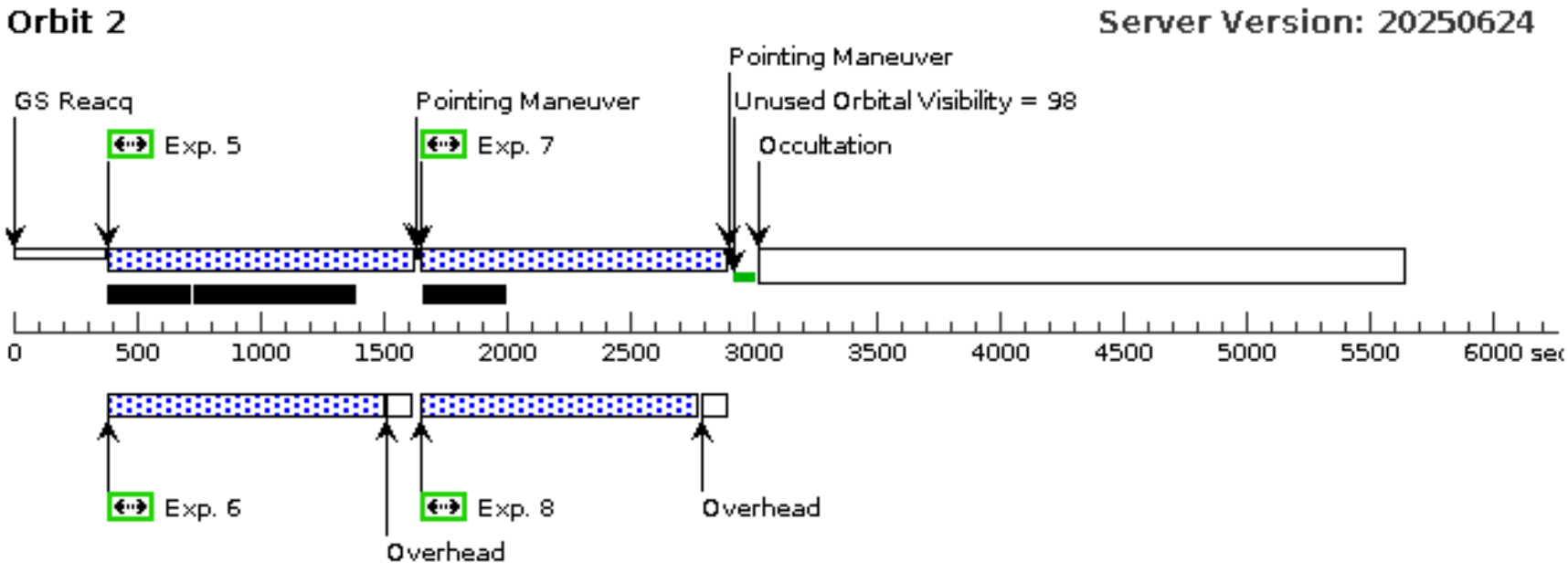
Exposures

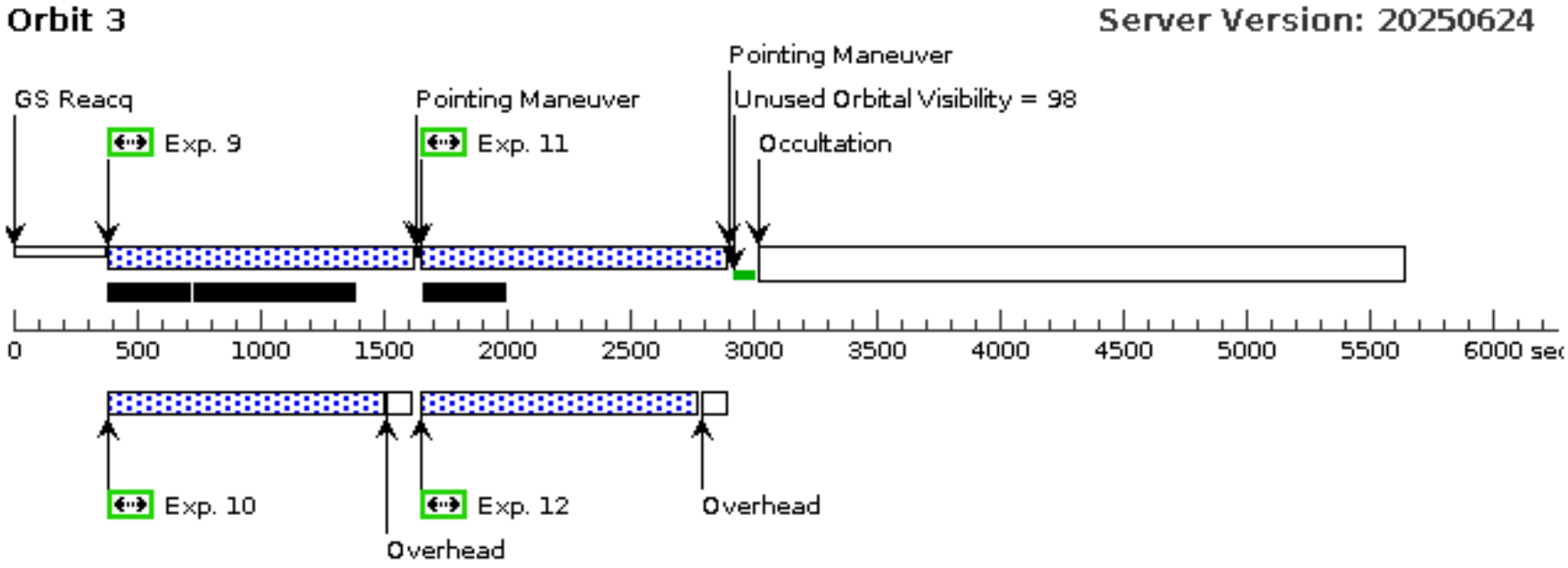
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(9) HOROLOGIUM-II-WEST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0.0000	Prime + Parallel Group 1-2 in HOROLOGIUM-II-WEST (10)	1116 Secs (1116 Secs) *[==>]*	*[1]*
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W				1126 Secs (1126 Secs) *[==>]*	*[1]*
3		(9) HOROLOGIUM-II-WEST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0.2350	Prime + Parallel Group 3-4 in HOROLOGIUM-II-WEST (10)	1116 Secs (1116 Secs) *[==>]*	*[1]*
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W				1126 Secs (1126 Secs) *[==>]*	*[1]*
5		(9) HOROLOGIUM-II-WEST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0.1235	Prime + Parallel Group 5-6 in HOROLOGIUM-II-WEST (10)	1116 Secs (1116 Secs) *[==>]*	*[2]*
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W				1126 Secs (1126 Secs) *[==>]*	*[2]*
7		(9) HOROLOGIUM-II-WEST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0.3305	Prime + Parallel Group 7-8 in HOROLOGIUM-II-WEST (10)	1116 Secs (1116 Secs) *[==>]*	*[2]*
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W				1126 Secs (1126 Secs) *[==>]*	*[2]*
9		(9) HOROLOGIUM-II-WEST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0.0505	Prime + Parallel Group 9-10 in HOROLOGIUM-II-WEST (10)	1116 Secs (1116 Secs) *[==>]*	*[3]*
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W				1126 Secs (1126 Secs) *[==>]*	*[3]*
11		(9) HOROLOGIUM-II-WEST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0.2855	Prime + Parallel Group 11-12 in HOROLOGIUM-II-WEST (10)	1116 Secs (1116 Secs) *[==>]*	*[3]*
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W				1126 Secs (1126 Secs) *[==>]*	*[3]*
13		(9) HOROLOGIUM-II-WEST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0.1735	Prime + Parallel Group 13-14 in HOROLOGIUM-II-WEST (10)	1116 Secs (1116 Secs) *[==>]*	*[4]*
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W				1126 Secs (1126 Secs) *[==>]*	*[4]*

	15	(9) HOROLOGIUM-II-WEST	ACS/WFC, ACCUM, WFC	F814W	POS TARG 0.6080,0.3810	Prime + Parallel Group 15-16 in HOROLOGIUM-II-WEST (10)	1116 Secs (1116 Secs) *[==>]*	 ***[4]***
	16	ANY	WFC3/UVIS, ACCUM, UVIS	F814W		Prime + Parallel Group 15-16 in HOROLOGIUM-II-WEST (10)	1126 Secs (1126 Secs) *[==>]*	 ***[4]***

Orbit Structure



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GS Reacq
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Exp. 10
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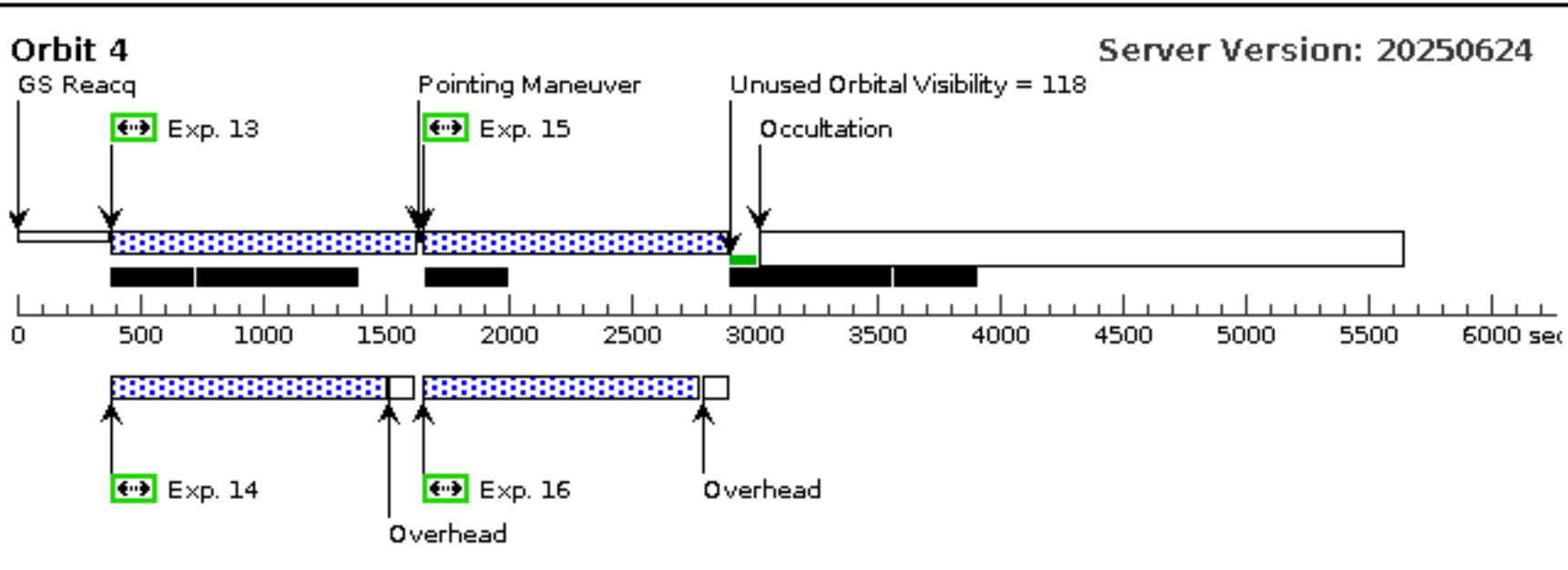
Overhead
Overhead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GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 118
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Exp. 15
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4500
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5500
6000 sec
Exp. 14
Exp. 16
Overhead
Overhead

Visit

Proposal 18068, HOROLOGIUM-II-EAST (11), implementation Tue Oct 07 15:08:20 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 307.65D TO 307.65 D

Fixed Targets

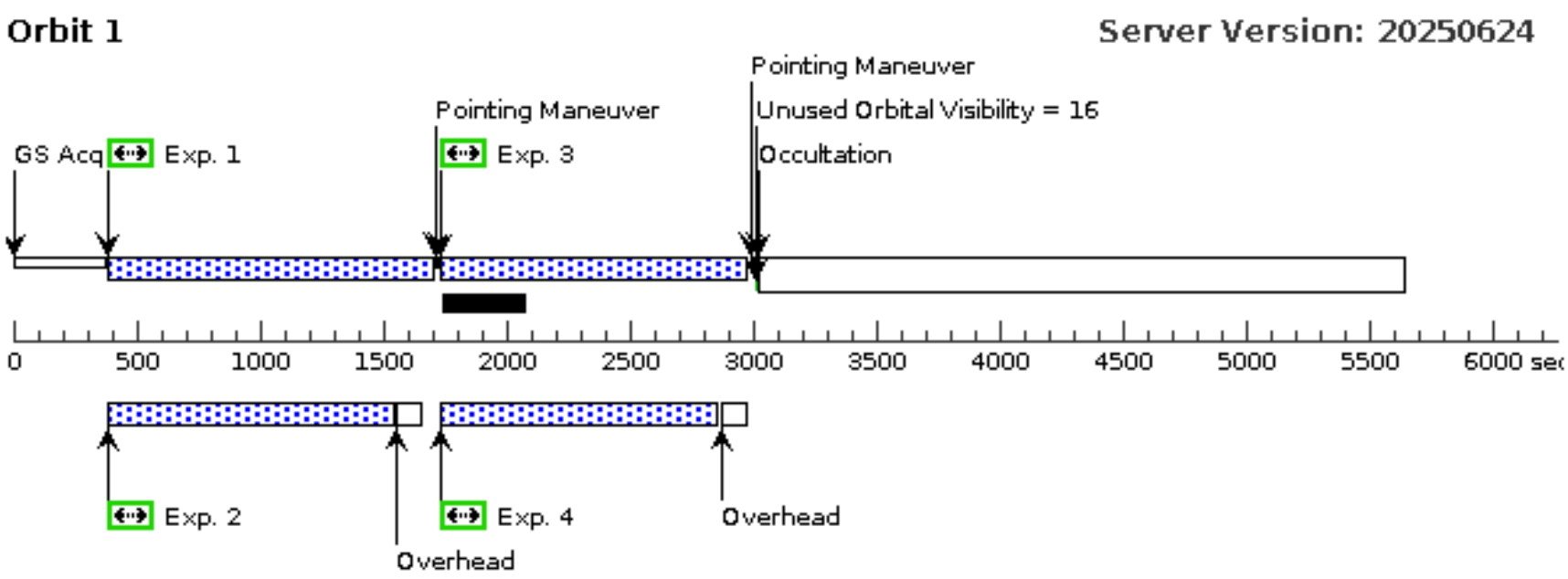
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	HOROLOGIUM-II-EAST	RA: 03 16 39.4000 (49.1641667d) Dec: -50 01 58.00 (-50.03278d) Equinox: J2000		V=(?) M_V=-2.6	Reference Frame: ICRS

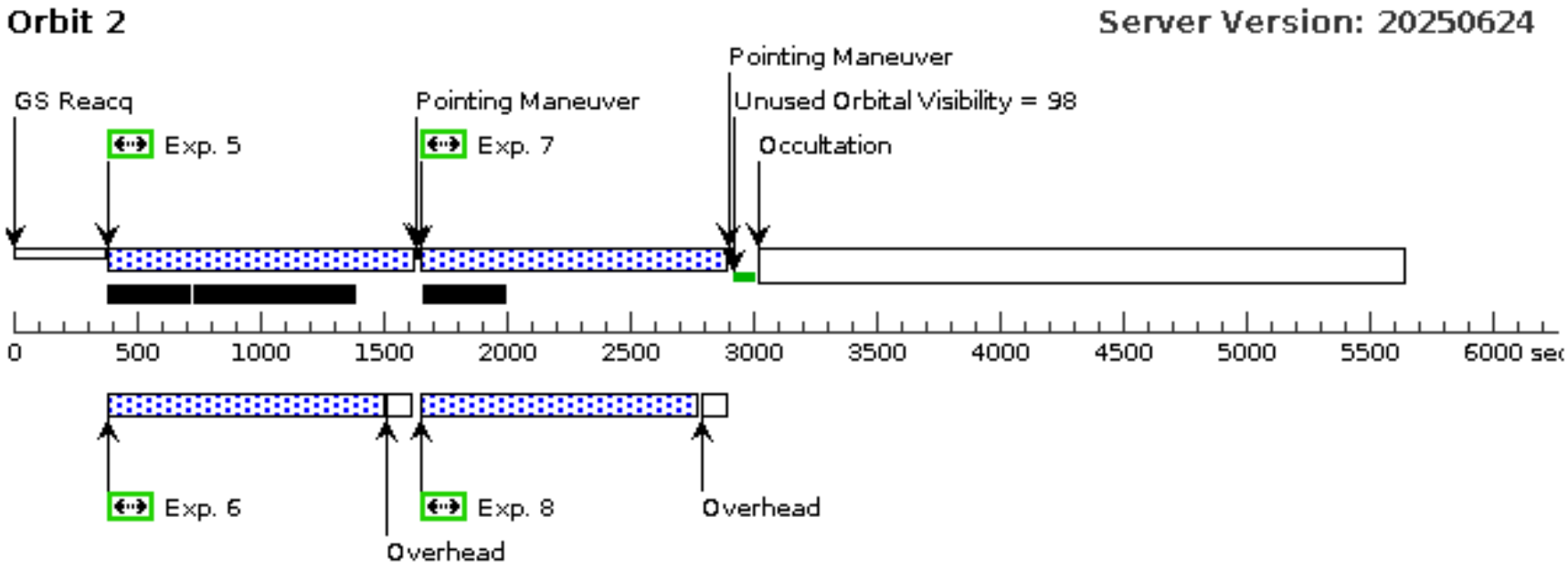
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

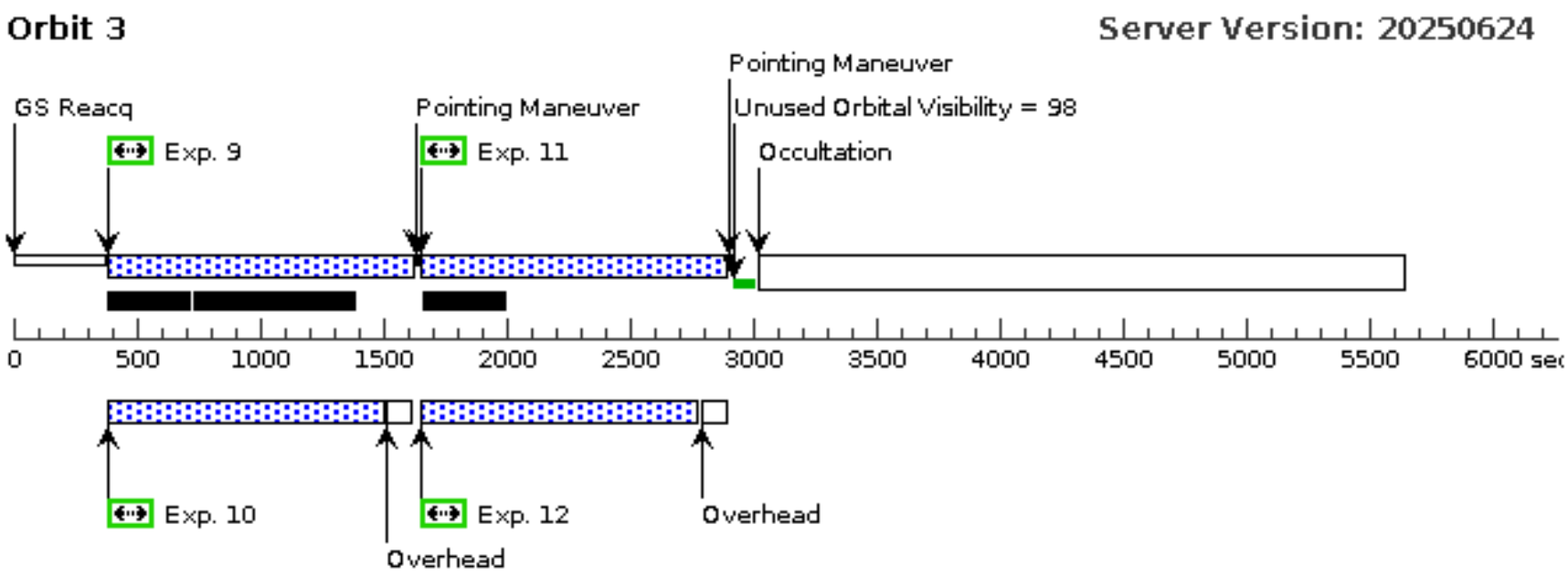
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(10) HOROLOGIUM-II-EAST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0.0000	Prime + Parallel Group 1-2 in HOROLOGIUM-II-EAST (11)	1116 Secs (1116 Secs) *[==>]*	 ***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in HOROLOGIUM-II-EAST (11)	1126 Secs (1126 Secs) *[==>]*	 ***[1]***
3		(10) HOROLOGIUM-II-EAST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0.2350	Prime + Parallel Group 3-4 in HOROLOGIUM-II-EAST (11)	1116 Secs (1116 Secs) *[==>]*	 ***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in HOROLOGIUM-II-EAST (11)	1126 Secs (1126 Secs) *[==>]*	 ***[1]***
5		(10) HOROLOGIUM-II-EAST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0.1235	Prime + Parallel Group 5-6 in HOROLOGIUM-II-EAST (11)	1116 Secs (1116 Secs) *[==>]*	 ***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in HOROLOGIUM-II-EAST (11)	1126 Secs (1126 Secs) *[==>]*	 ***[2]***
7		(10) HOROLOGIUM-II-EAST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0.3305	Prime + Parallel Group 7-8 in HOROLOGIUM-II-EAST (11)	1116 Secs (1116 Secs) *[==>]*	 ***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in HOROLOGIUM-II-EAST (11)	1126 Secs (1126 Secs) *[==>]*	 ***[2]***
9		(10) HOROLOGIUM-II-EAST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0.0505	Prime + Parallel Group 9-10 in HOROLOGIUM-II-EAST (11)	1116 Secs (1116 Secs) *[==>]*	 ***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in HOROLOGIUM-II-EAST (11)	1126 Secs (1126 Secs) *[==>]*	 ***[3]***
11		(10) HOROLOGIUM-II-EAST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0.2855	Prime + Parallel Group 11-12 in HOROLOGIUM-II-EAST (11)	1116 Secs (1116 Secs) *[==>]*	 ***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in HOROLOGIUM-II-EAST (11)	1126 Secs (1126 Secs) *[==>]*	 ***[3]***
13		(10) HOROLOGIUM-II-EAST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0.1735	Prime + Parallel Group 13-14 in HOROLOGIUM-II-EAST (11)	1116 Secs (1116 Secs) *[==>]*	 ***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in HOROLOGIUM-II-EAST (11)	1126 Secs (1126 Secs) *[==>]*	 ***[4]***
15		(10) HOROLOGIUM-II-EAST	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0.3810	Prime + Parallel Group 15-16 in HOROLOGIUM-II-EAST (11)	1116 Secs (1116 Secs) *[==>]*	 ***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in HOROLOGIUM-II-EAST (11)	1126 Secs (1126 Secs) *[==>]*	 ***[4]***

Orbit Structure






Orbit 3
Server Version: 20250624
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Unused Orbital Visibility = 98
Occultation
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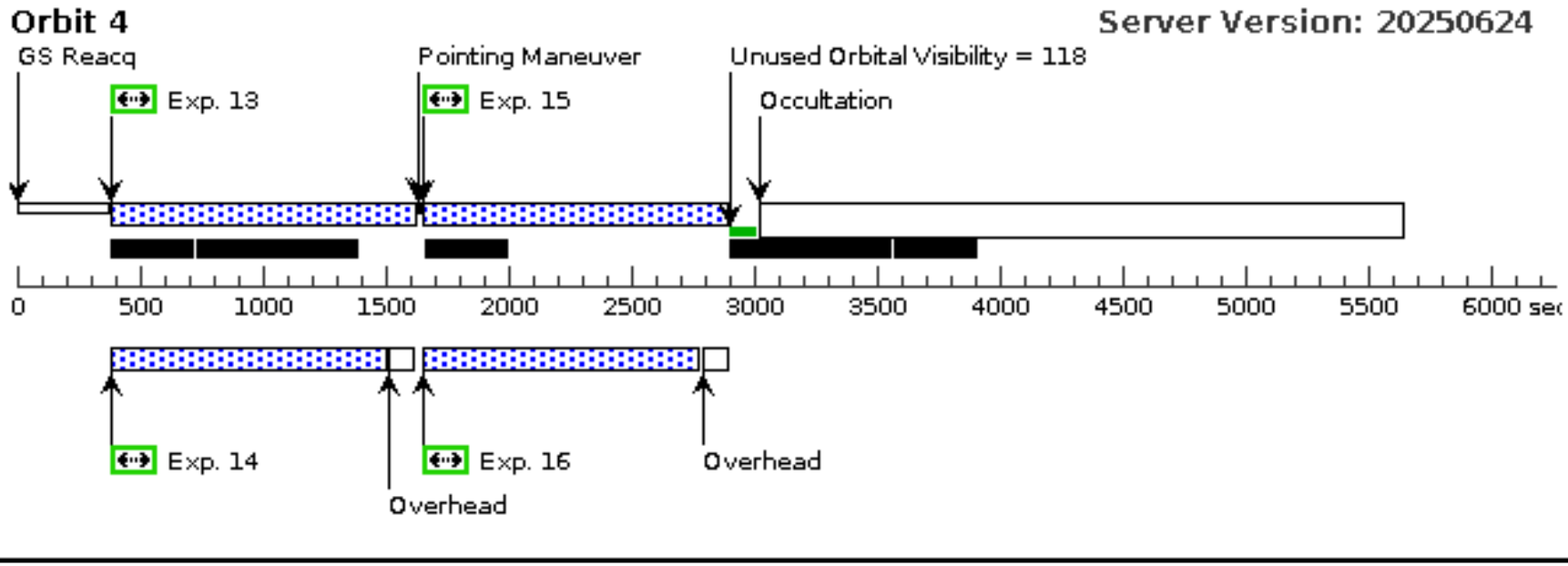
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 10
Overhead
Exp. 12
Overhead


Orbit 4
Server Version: 20250624
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Unused Orbital Visibility = 118
Occultation
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500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Overhead
Exp. 16
Overhead

Visit

Proposal 18068, COLUMBA-I (12), implementation Tue Oct 07 15:08:20 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 296.01D TO 296.01 D

Fixed Targets

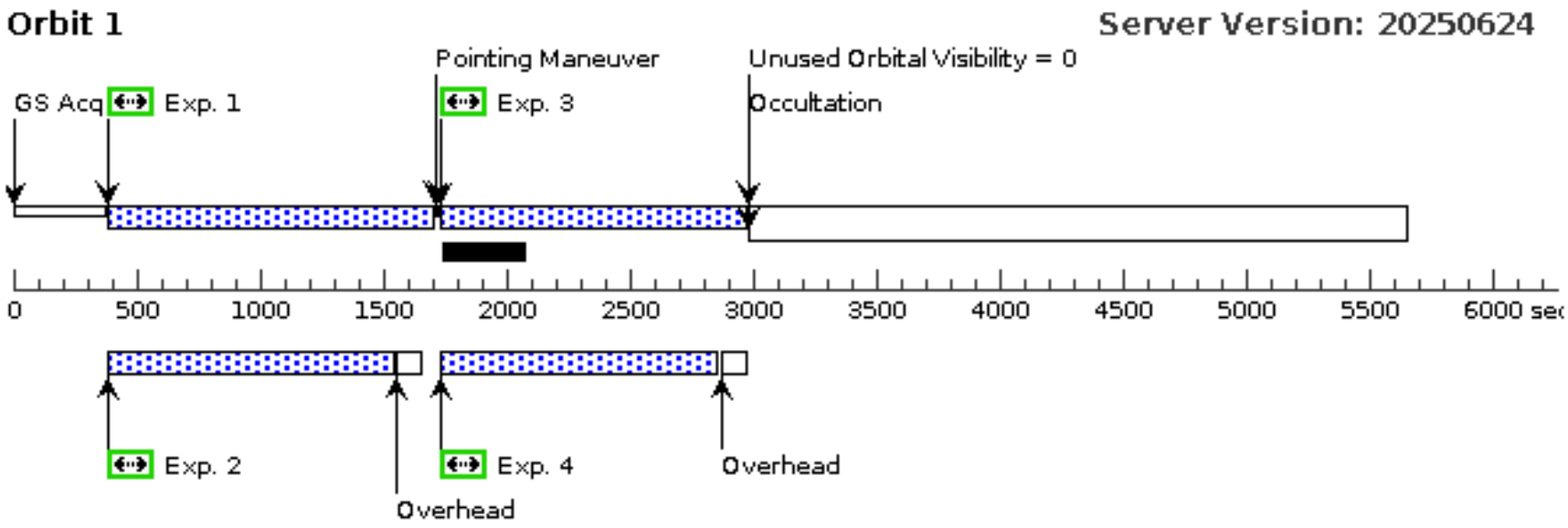
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	COLUMBA-I	RA: 05 31 26.4000 (82.8600000d) Dec: -28 01 48.00 (-28.03000d) Equinox: J2000		V=(?) M_V=-4.5	Reference Frame: ICRS

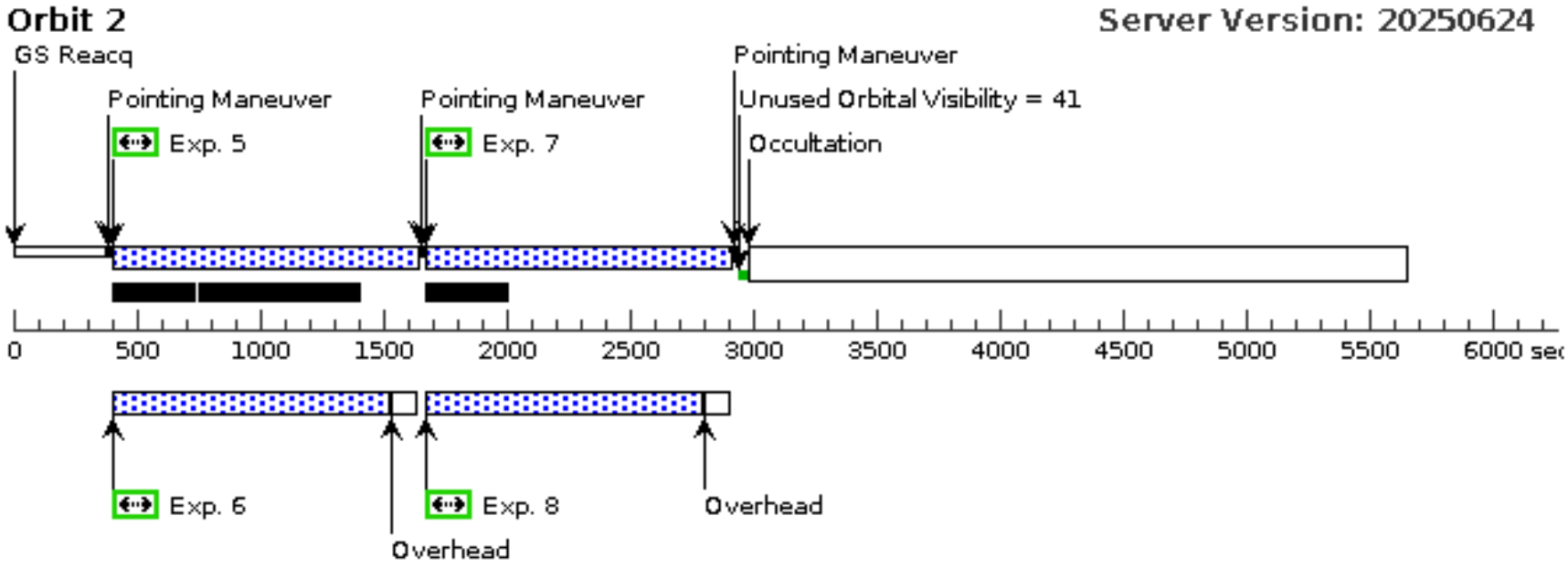
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

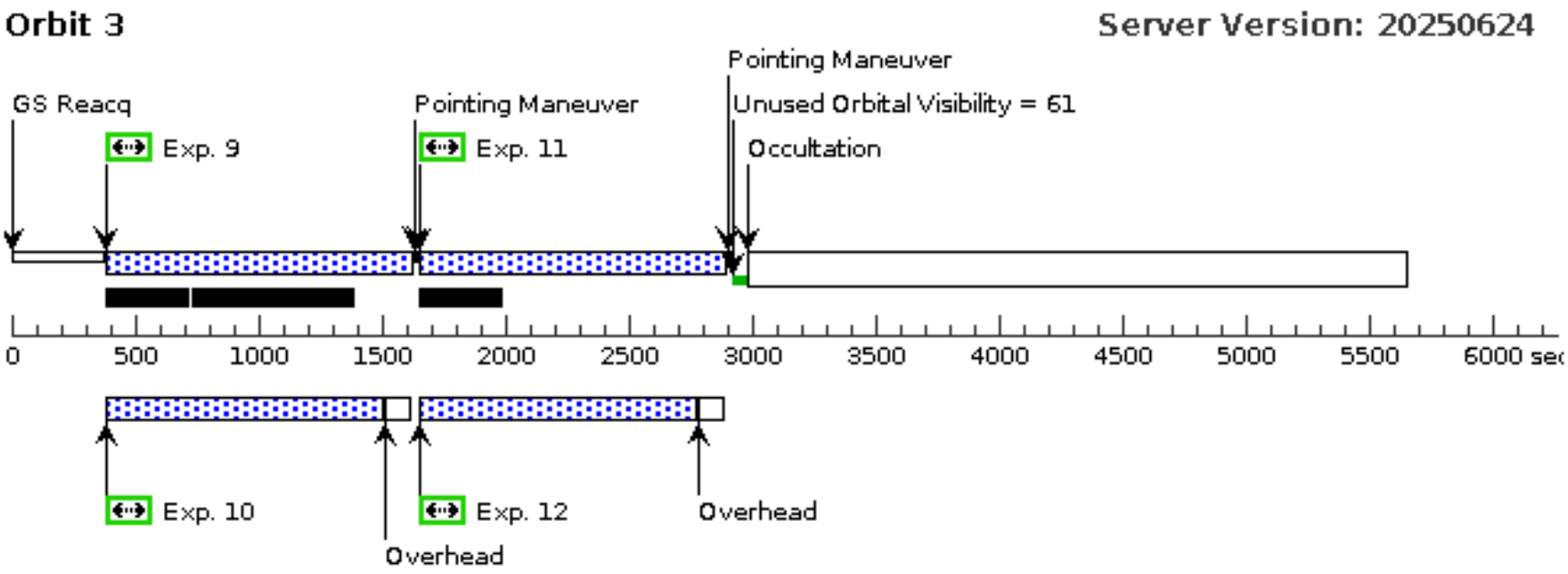
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(11) COLUMBA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0 .0000	Prime + Parallel Group 1-2 in COLUMBA-I (12)	1112 Secs (1112 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in COLUMBA-I (12)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(11) COLUMBA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0 .2350	Prime + Parallel Group 3-4 in COLUMBA-I (12)	1113 Secs (1113 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in COLUMBA-I (12)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(11) COLUMBA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0 .1235	Prime + Parallel Group 5-6 in COLUMBA-I (12)	1113 Secs (1113 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in COLUMBA-I (12)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(11) COLUMBA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0 .3305	Prime + Parallel Group 7-8 in COLUMBA-I (12)	1113 Secs (1113 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in COLUMBA-I (12)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(11) COLUMBA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0 .0505	Prime + Parallel Group 9-10 in COLUMBA-I (12)	1113 Secs (1113 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in COLUMBA-I (12)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(11) COLUMBA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0 .2855	Prime + Parallel Group 11-12 in COLUMBA-I (12)	1113 Secs (1113 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in COLUMBA-I (12)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(11) COLUMBA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0 .1735	Prime + Parallel Group 13-14 in COLUMBA-I (12)	1113 Secs (1113 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in COLUMBA-I (12)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(11) COLUMBA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0 .3810	Prime + Parallel Group 15-16 in COLUMBA-I (12)	1113 Secs (1113 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in COLUMBA-I (12)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure






Orbit 3
Server Version: 20250624
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Unused Orbital Visibility = 61
Occultation
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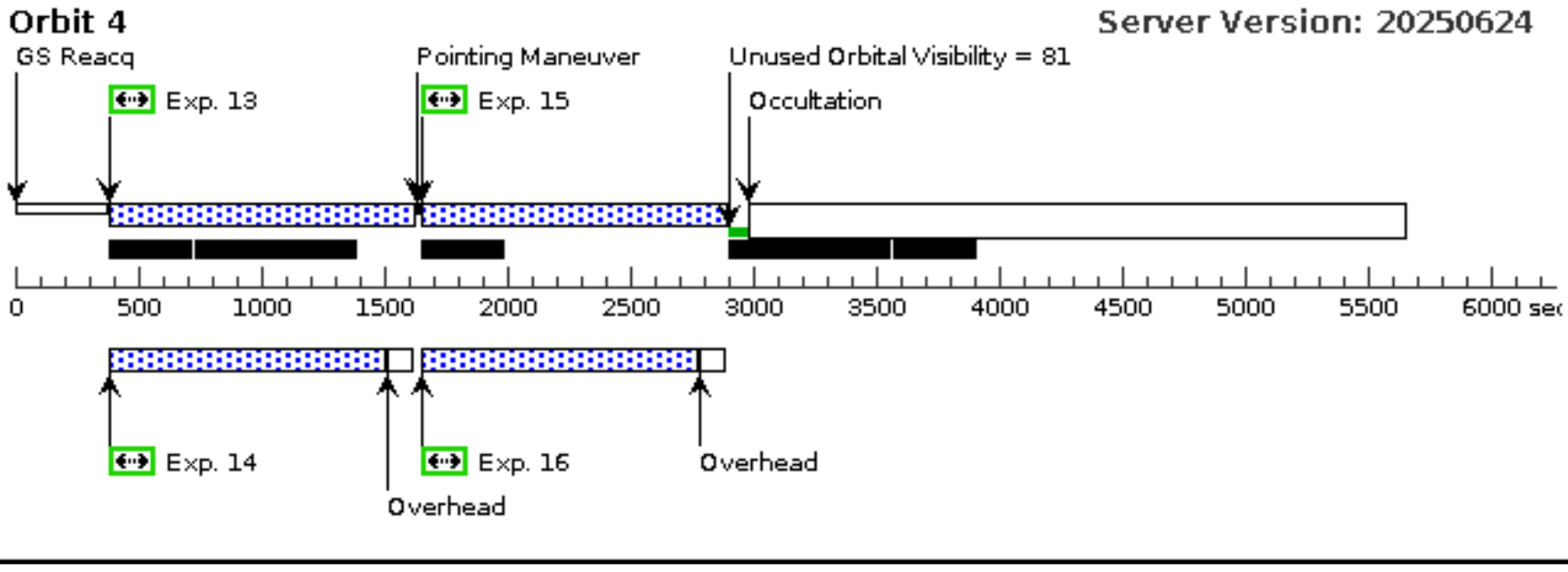
3500
4000
4500
5000
5500
6000 sec
Exp. 10
Overhead
Exp. 12
Overhead


Orbit 4
Server Version: 20250624
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Unused Orbital Visibility = 81
Occultation
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500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Overhead
Exp. 16
Overhead

Visit

Proposal 18068, RETICULUM-III (13), implementation Tue Oct 07 15:08:20 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 3.36D TO 3.36 D

Fixed Targets

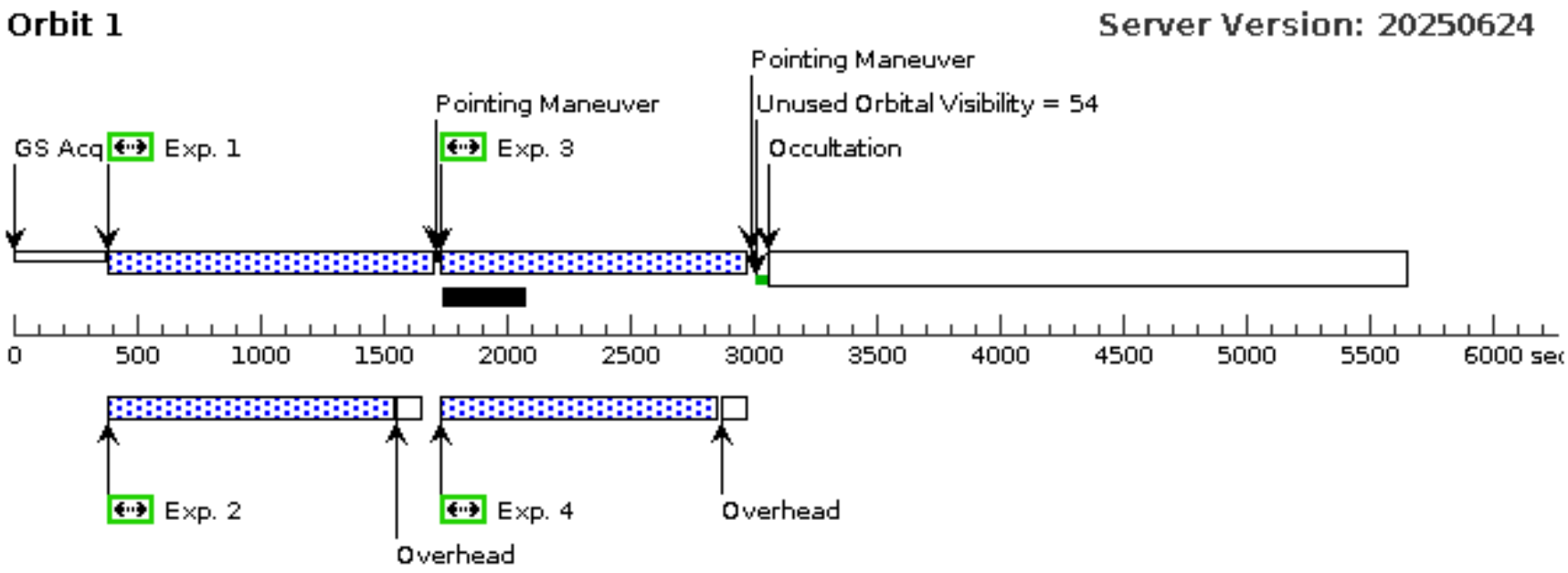
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	RETICULUM-III	RA: 03 45 26.4000 (56.3600000d) Dec: -60 27 0.00 (-60.45000d) Equinox: J2000		V=(?) M_V=-3.3	Reference Frame: ICRS

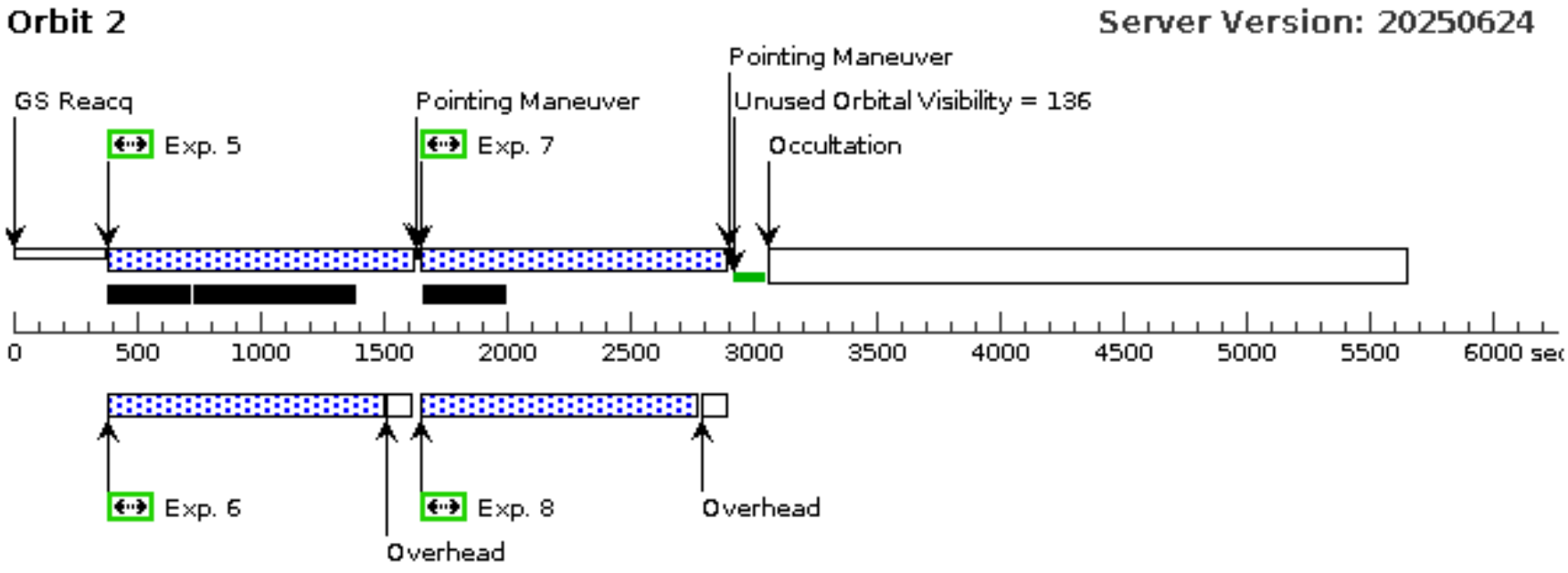
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

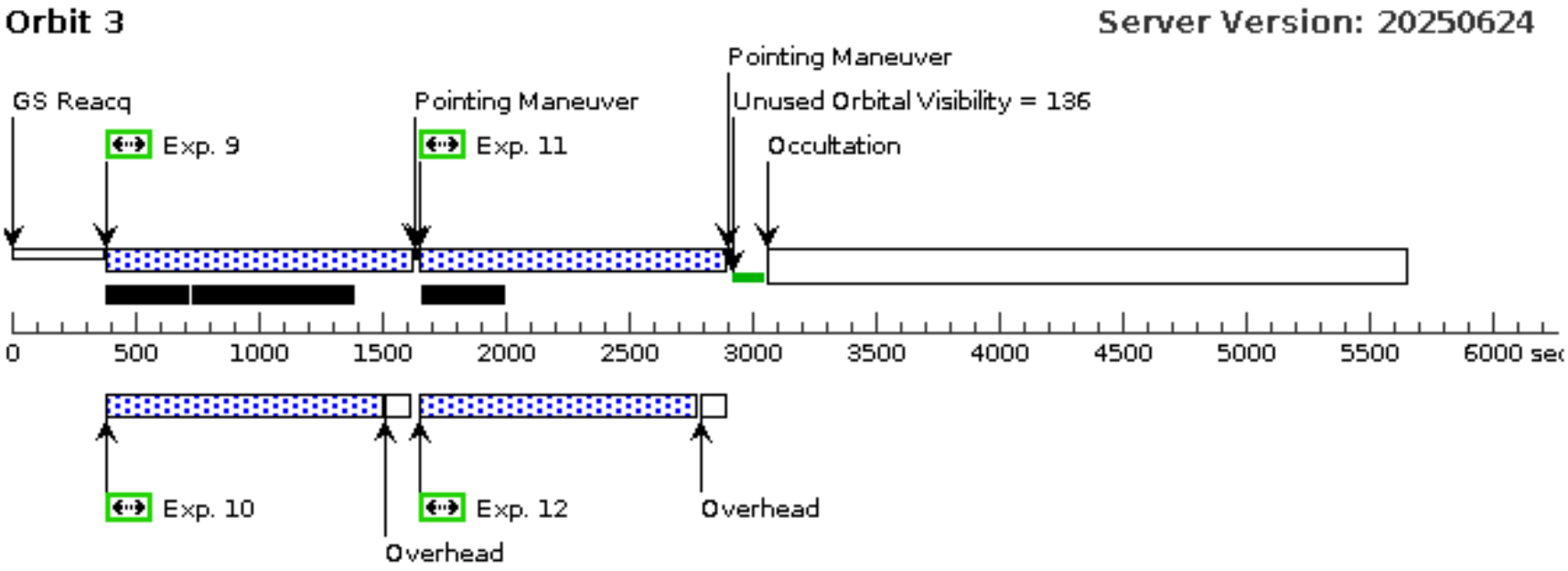
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(12) RETICULUM-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0.0000	Prime + Parallel Group 1-2 in RETICULUM-III (13)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in RETICULUM-III (13)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(12) RETICULUM-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0.2350	Prime + Parallel Group 3-4 in RETICULUM-III (13)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in RETICULUM-III (13)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(12) RETICULUM-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0.1235	Prime + Parallel Group 5-6 in RETICULUM-III (13)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in RETICULUM-III (13)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(12) RETICULUM-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0.3305	Prime + Parallel Group 7-8 in RETICULUM-III (13)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in RETICULUM-III (13)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(12) RETICULUM-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0.0505	Prime + Parallel Group 9-10 in RETICULUM-III (13)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in RETICULUM-III (13)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(12) RETICULUM-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0.2855	Prime + Parallel Group 11-12 in RETICULUM-III (13)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in RETICULUM-III (13)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(12) RETICULUM-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0.1735	Prime + Parallel Group 13-14 in RETICULUM-III (13)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in RETICULUM-III (13)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(12) RETICULUM-III	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0.3810	Prime + Parallel Group 15-16 in RETICULUM-III (13)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in RETICULUM-III (13)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure






Orbit 3
Server Version: 20250624
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Unused Orbital Visibility = 136
Occultation
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3500
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4500
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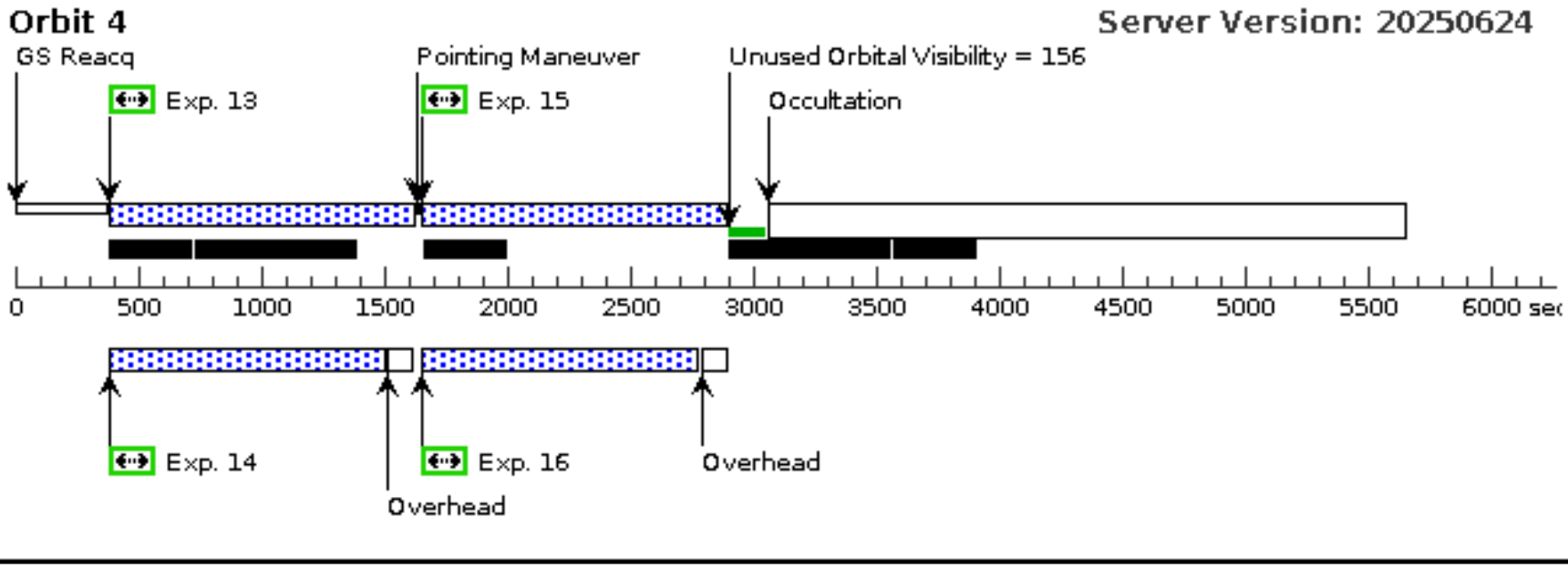
5500
6000 sec
Exp. 10
Overhead
Exp. 12
Overhead


Orbit 4
Server Version: 20250624
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Unused Orbital Visibility = 156
Occultation
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500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Overhead
Exp. 16
Overhead

Visit

Proposal 18068, ERIDANUS-II (14), implementation Tue Oct 07 15:08:20 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 309.01D TO 309.01 D

Fixed Targets

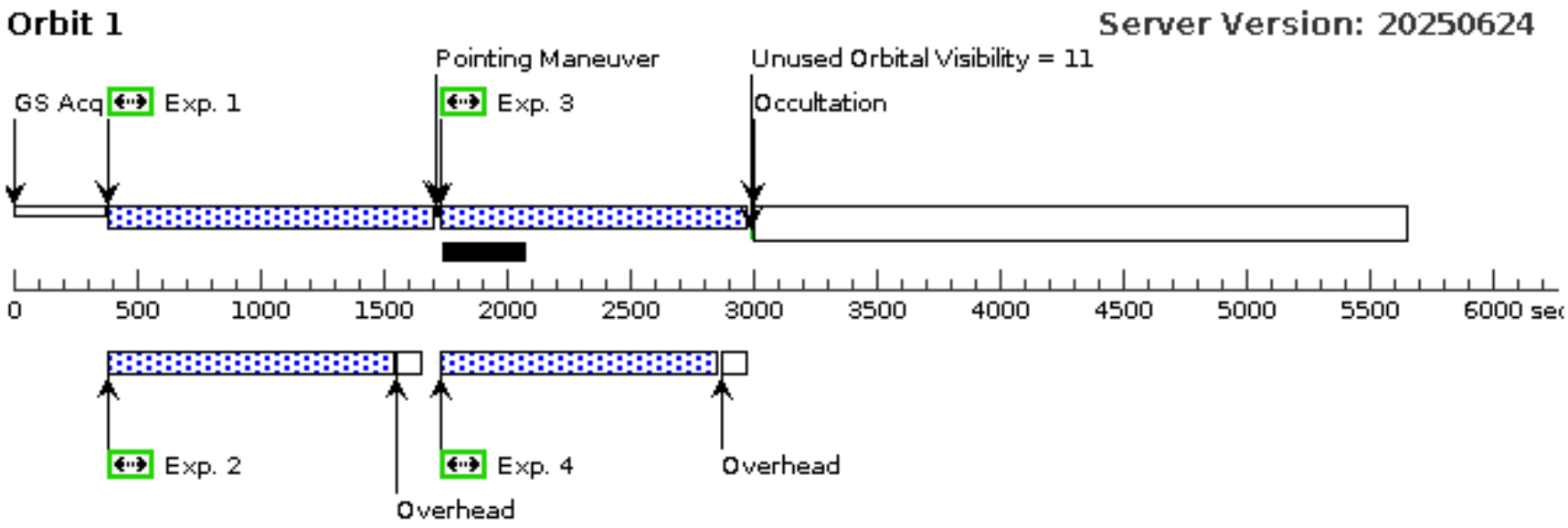
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	ERIDANUS-II	RA: 03 44 20.0758 (56.0836492d) Dec: -43 31 50.00 (-43.53056d) Equinox: J2000		V=16+/-0.2	Reference Frame: ICRS

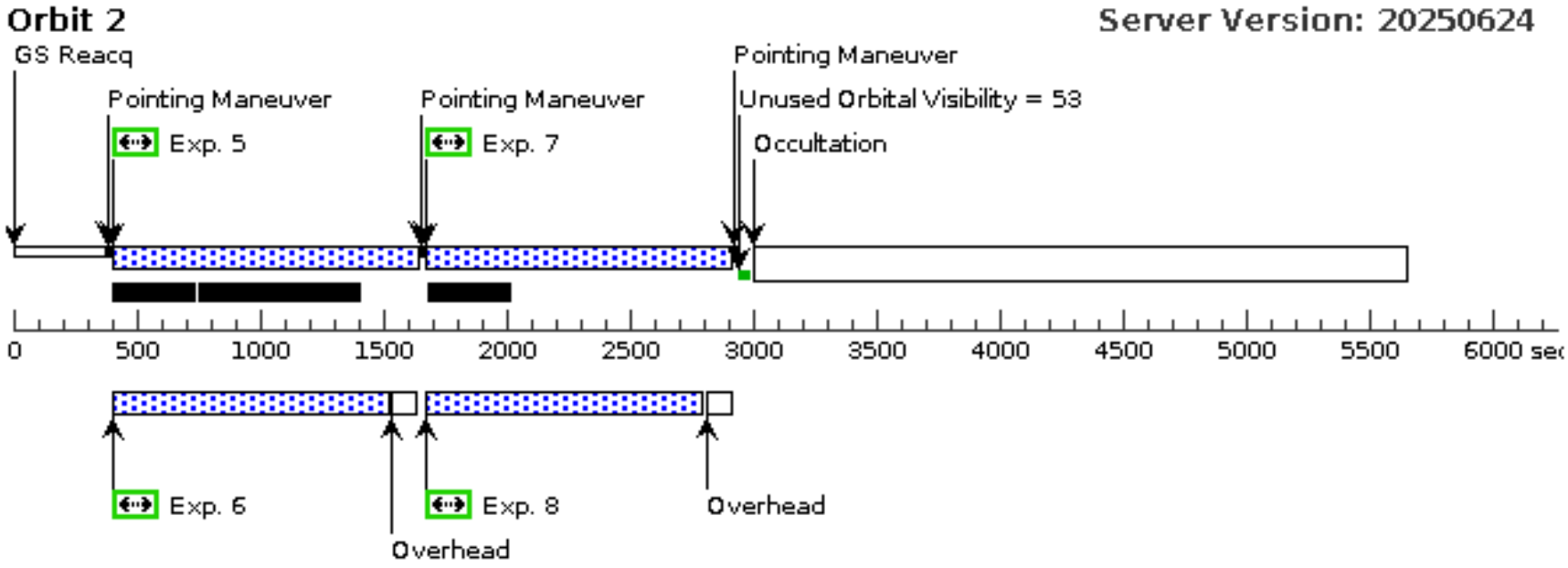
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

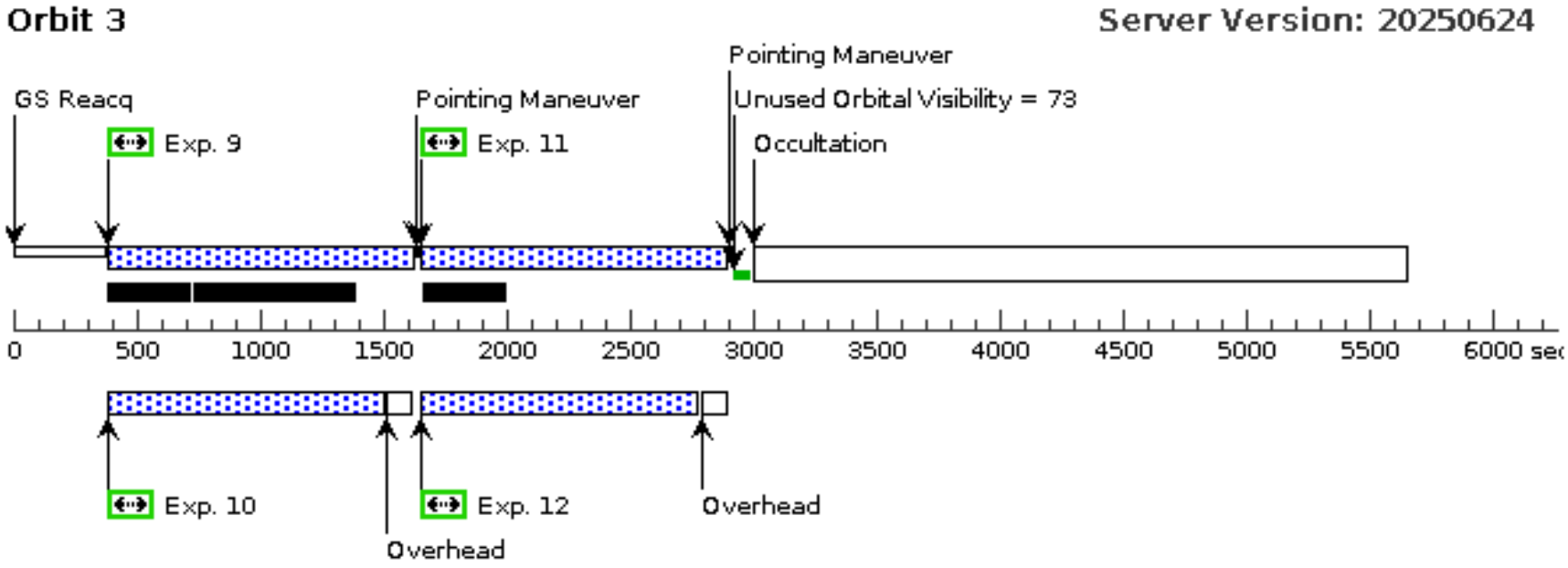
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(13) ERIDANUS-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0 .0000	Prime + Parallel Group 1-2 in ERIDANUS-II (14)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in ERIDANUS-II (14)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(13) ERIDANUS-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0 .2350	Prime + Parallel Group 3-4 in ERIDANUS-II (14)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in ERIDANUS-II (14)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(13) ERIDANUS-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0 .1235	Prime + Parallel Group 5-6 in ERIDANUS-II (14)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in ERIDANUS-II (14)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(13) ERIDANUS-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0 .3305	Prime + Parallel Group 7-8 in ERIDANUS-II (14)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in ERIDANUS-II (14)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(13) ERIDANUS-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0 .0505	Prime + Parallel Group 9-10 in ERIDANUS-II (14)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in ERIDANUS-II (14)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(13) ERIDANUS-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0 .2855	Prime + Parallel Group 11-12 in ERIDANUS-II (14)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in ERIDANUS-II (14)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(13) ERIDANUS-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0 .1735	Prime + Parallel Group 13-14 in ERIDANUS-II (14)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in ERIDANUS-II (14)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(13) ERIDANUS-II	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0 .3810	Prime + Parallel Group 15-16 in ERIDANUS-II (14)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in ERIDANUS-II (14)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure






Orbit 3
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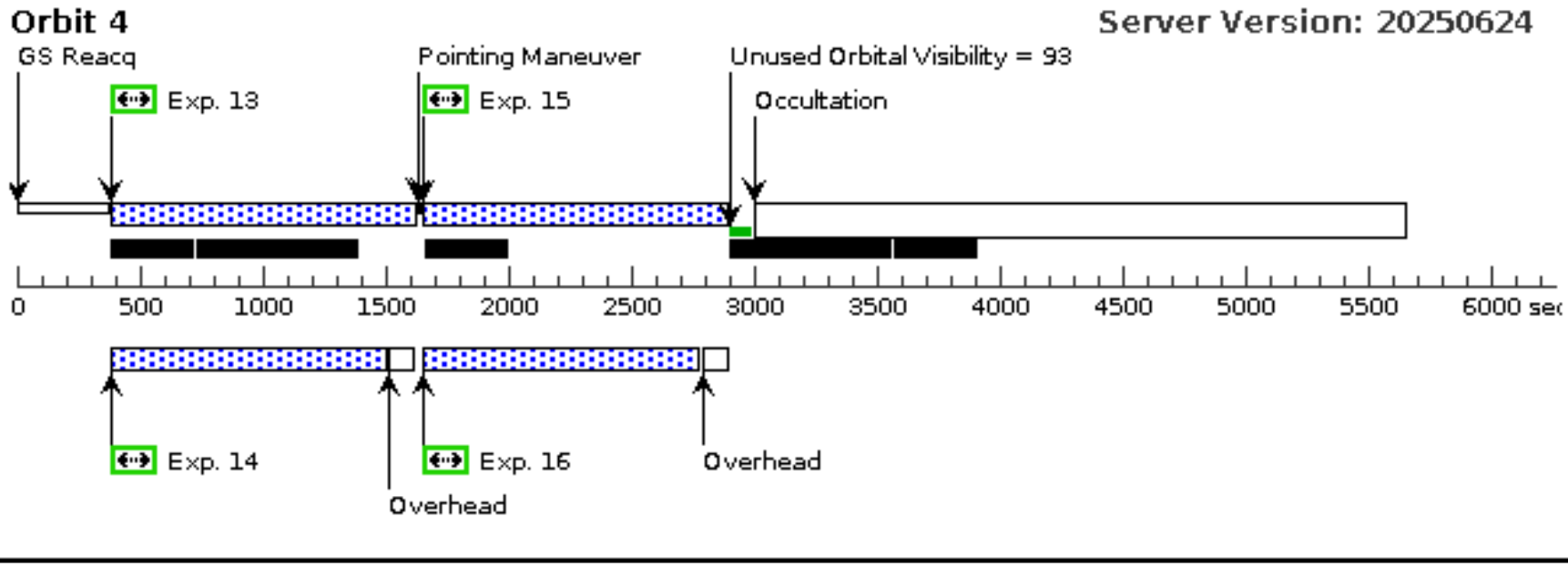
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Unused Orbital Visibility = 73
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 10
Overhead
Exp. 12
Overhead


Orbit 4
Server Version: 20250624
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Unused Orbital Visibility = 93
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Overhead
Exp. 16
Overhead

Visit

Proposal 18068, VIRGO-I (15), implementation Tue Oct 07 15:08:20 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 250D TO 300 D

Fixed Targets

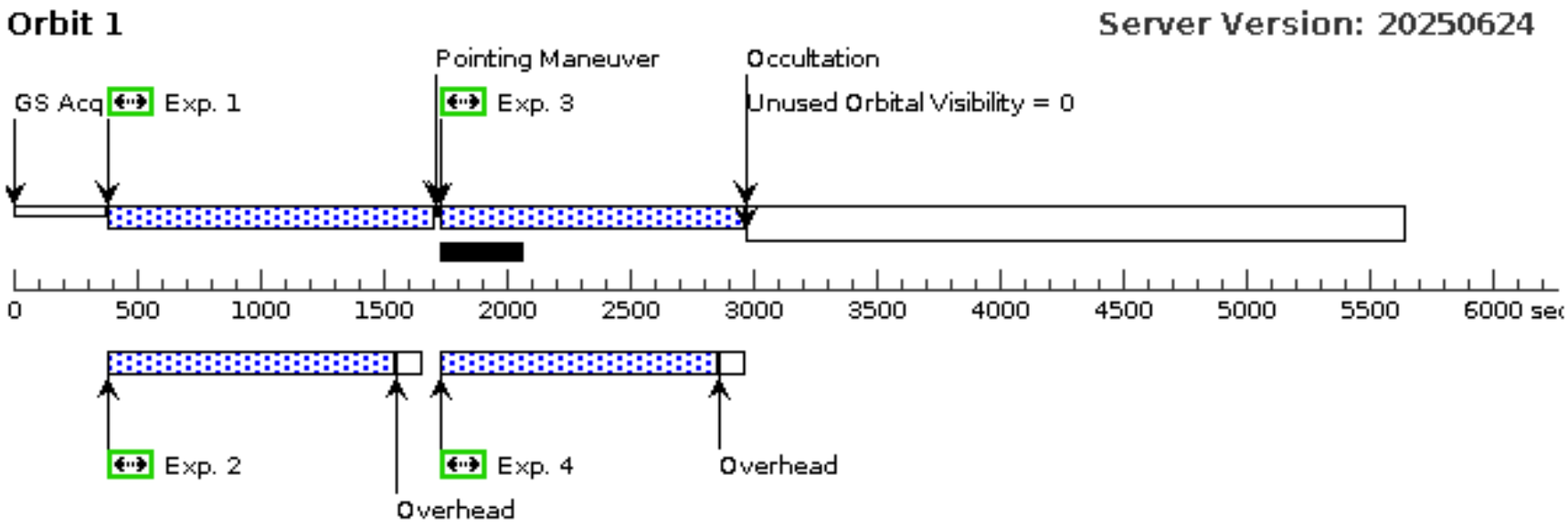
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	VIRGO-I	RA: 12 00 10.4362 (180.0434842d) Dec: -00 40 45.78 (-.67938d) Equinox: J2000		V=23	Reference Frame: ICRS

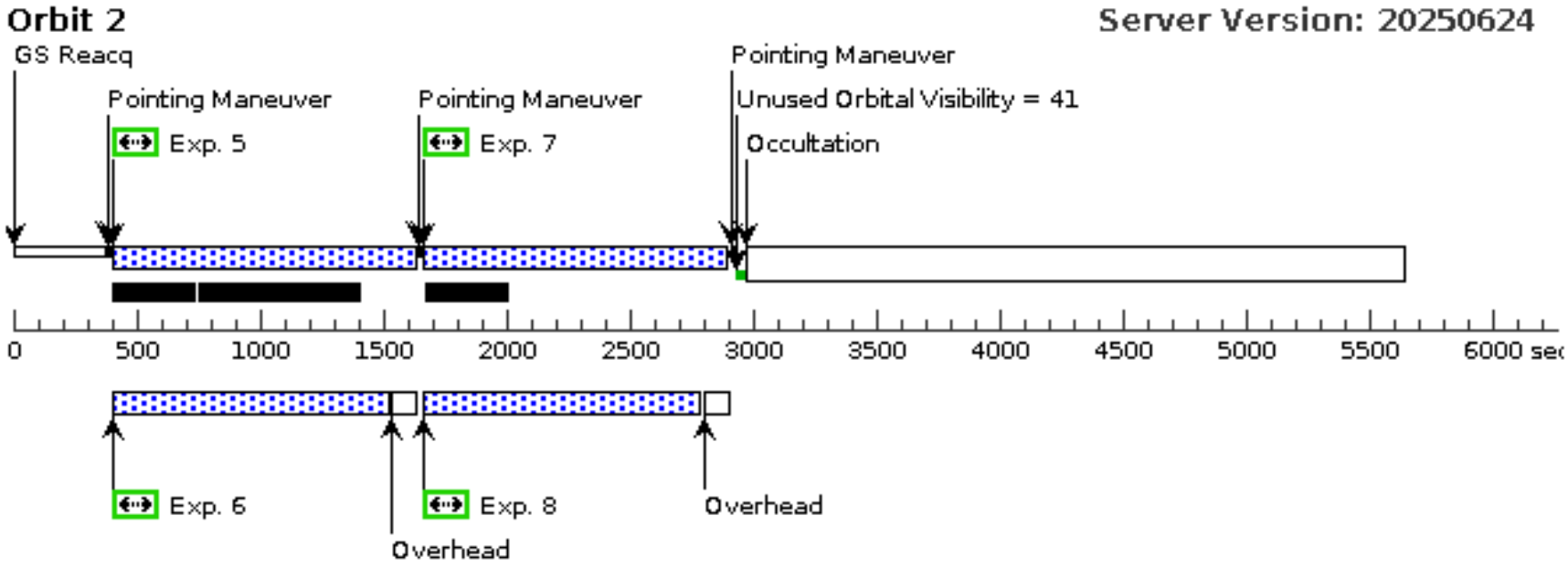
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

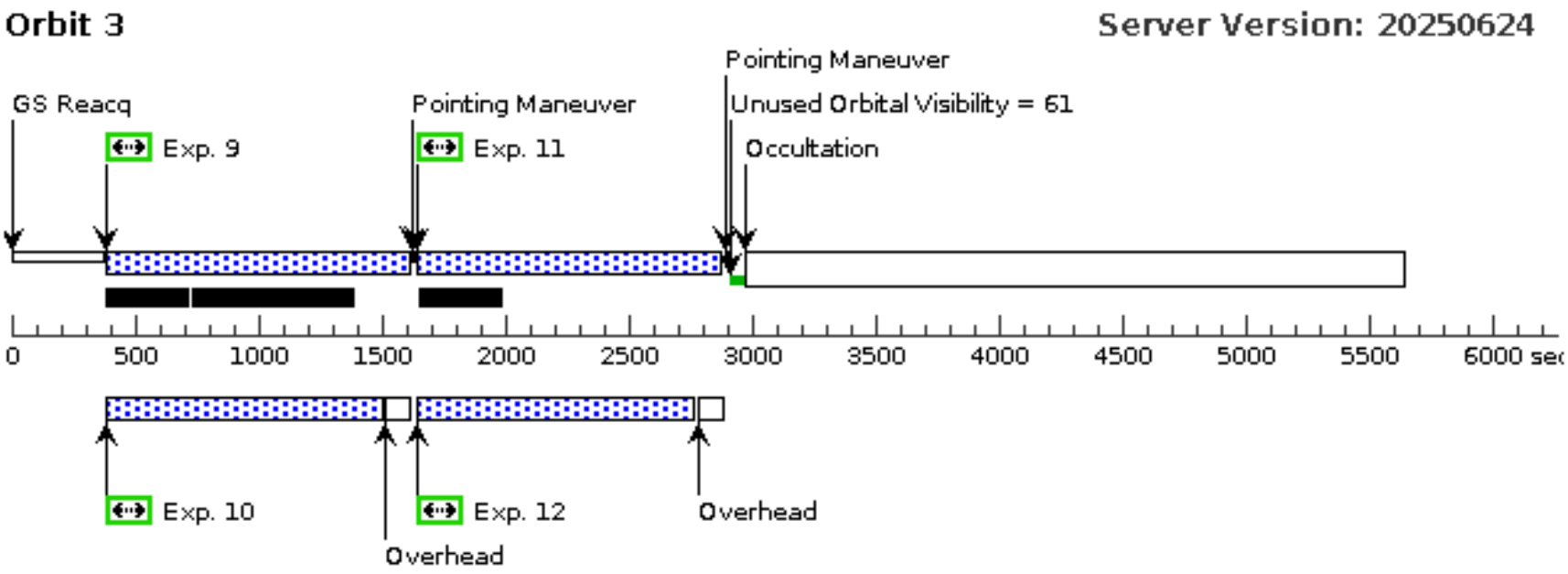
Exposures

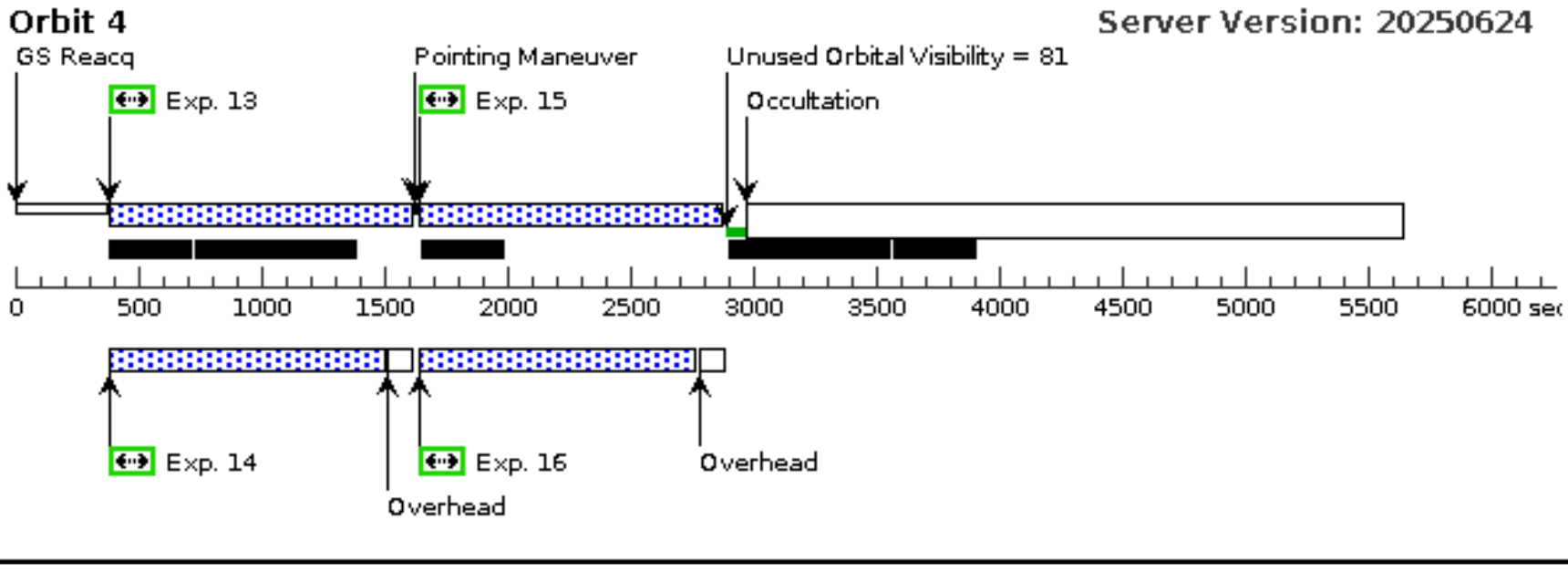
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(14) VIRGO-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0 .0000	Prime + Parallel Group 1-2 in VIRGO-I (15)	1110 Secs (1110 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in VIRGO-I (15)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(14) VIRGO-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0 .2350	Prime + Parallel Group 3-4 in VIRGO-I (15)	1111 Secs (1111 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in VIRGO-I (15)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(14) VIRGO-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0 .1235	Prime + Parallel Group 5-6 in VIRGO-I (15)	1111 Secs (1111 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in VIRGO-I (15)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(14) VIRGO-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0 .3305	Prime + Parallel Group 7-8 in VIRGO-I (15)	1111 Secs (1111 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in VIRGO-I (15)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(14) VIRGO-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0 .0505	Prime + Parallel Group 9-10 in VIRGO-I (15)	1111 Secs (1111 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in VIRGO-I (15)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(14) VIRGO-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0 .2855	Prime + Parallel Group 11-12 in VIRGO-I (15)	1111 Secs (1111 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in VIRGO-I (15)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(14) VIRGO-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0 .1735	Prime + Parallel Group 13-14 in VIRGO-I (15)	1111 Secs (1111 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in VIRGO-I (15)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(14) VIRGO-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0 .3810	Prime + Parallel Group 15-16 in VIRGO-I (15)	1111 Secs (1111 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in VIRGO-I (15)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure






Orbit 3
Server Version: 20250624
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 61
Exp. 9
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 10
Exp. 12
Overhead
Overhead


Orbit 4
Server Version: 20250624
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 81
Exp. 13
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Exp. 16
Overhead
Overhead

Visit

Proposal 18068, UMA-I (16), implementation Tue Oct 07 15:08:20 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 240D TO 260 D

Fixed Targets

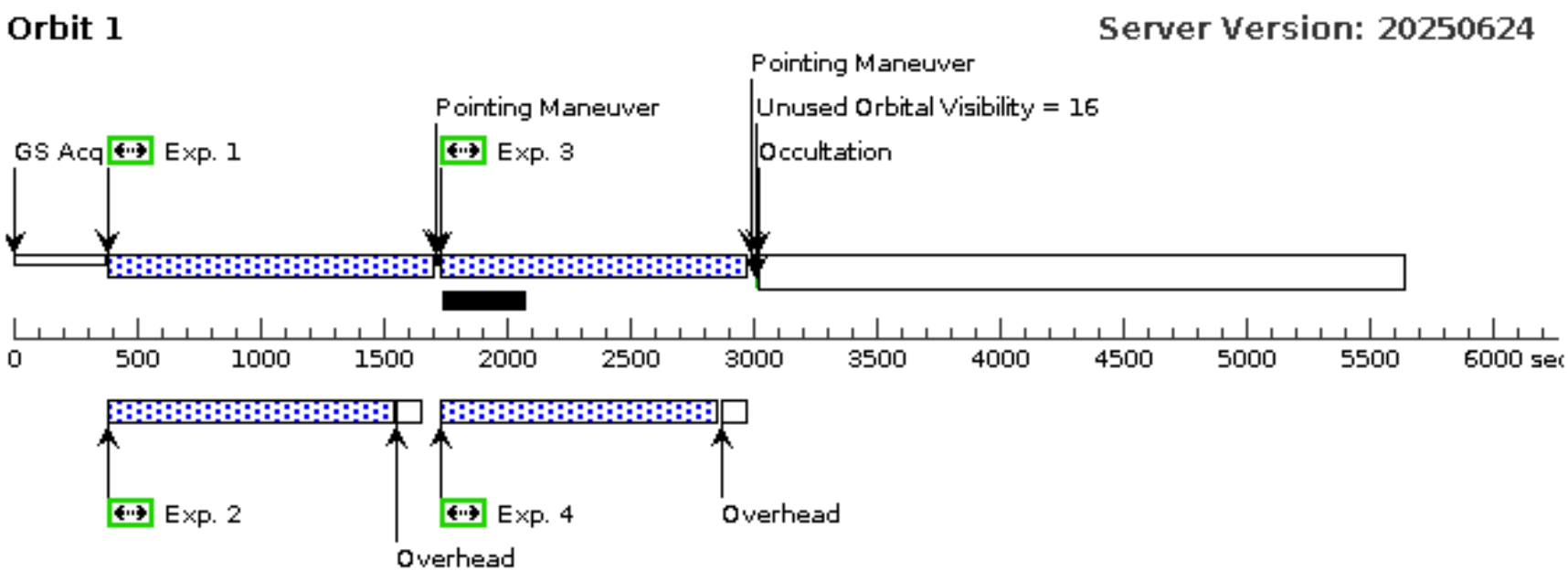
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	UMA-I	RA: 10 35 2.8087 (158.7617029d) Dec: +51 56 43.34 (51.94537d) Equinox: J2000		V=14.4	Reference Frame: ICRS

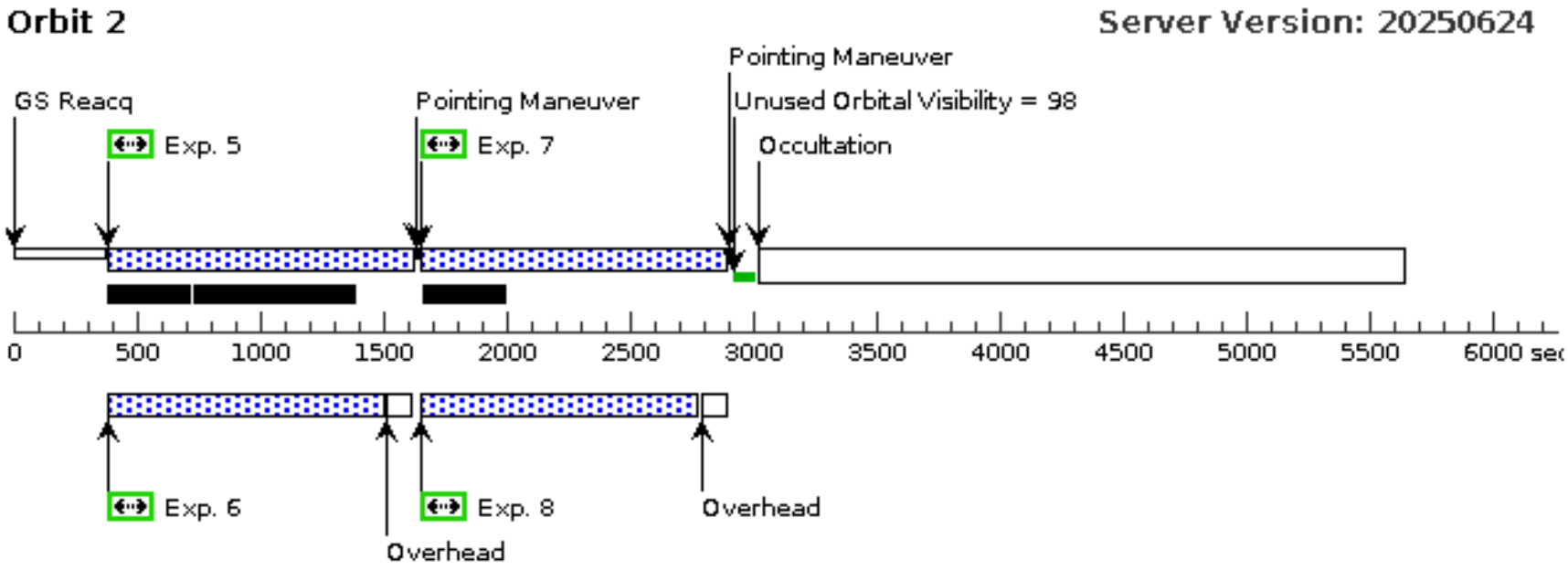
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

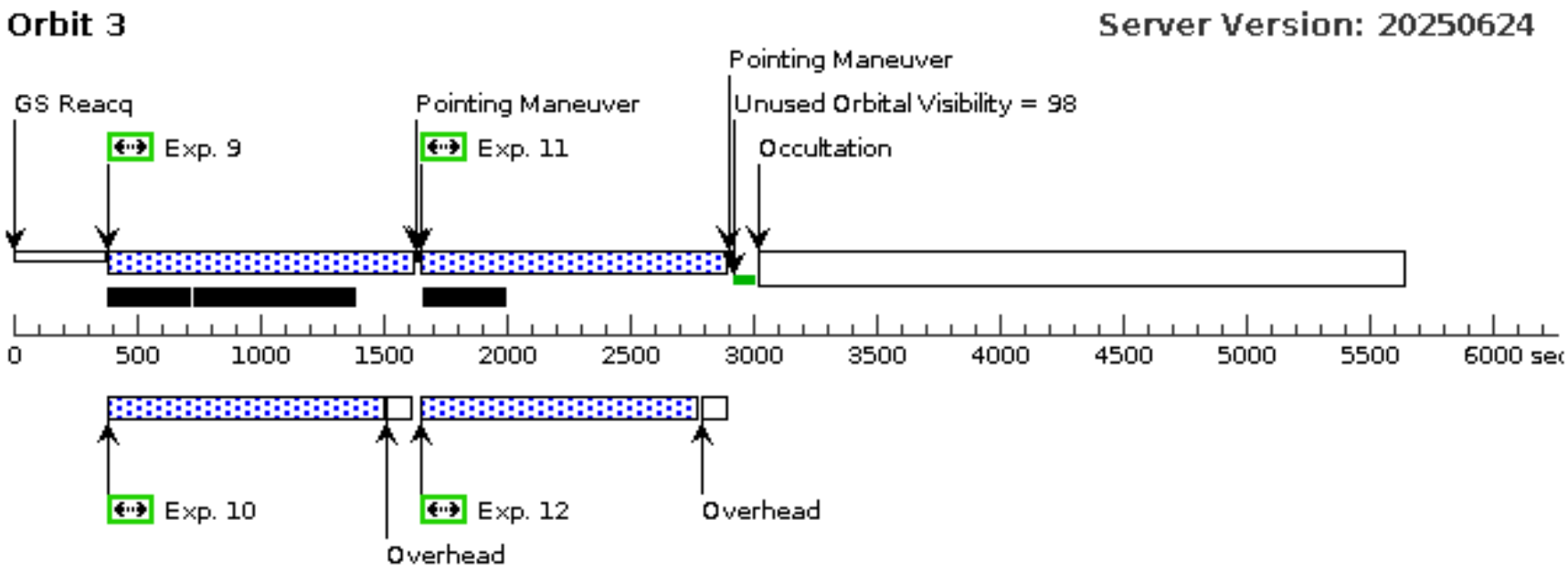
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(15) UMA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.0000,0 .0000	Prime + Parallel Group 1-2 in UMA-I (16)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 1-2 in UMA-I (16)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
3		(15) UMA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1740,0 .2350	Prime + Parallel Group 3-4 in UMA-I (16)	1116 Secs (1116 Secs)	
								[==>]	***[1]***
4		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 3-4 in UMA-I (16)	1126 Secs (1126 Secs)	
								[==>]	***[1]***
5		(15) UMA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.3232,0 .1235	Prime + Parallel Group 5-6 in UMA-I (16)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 5-6 in UMA-I (16)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
7		(15) UMA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.1005,0 .3305	Prime + Parallel Group 7-8 in UMA-I (16)	1116 Secs (1116 Secs)	
								[==>]	***[2]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 7-8 in UMA-I (16)	1126 Secs (1126 Secs)	
								[==>]	***[2]***
9		(15) UMA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5075,0 .0505	Prime + Parallel Group 9-10 in UMA-I (16)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
10		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 9-10 in UMA-I (16)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
11		(15) UMA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6815,0 .2855	Prime + Parallel Group 11-12 in UMA-I (16)	1116 Secs (1116 Secs)	
								[==>]	***[3]***
12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 11-12 in UMA-I (16)	1126 Secs (1126 Secs)	
								[==>]	***[3]***
13		(15) UMA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.8300,0 .1735	Prime + Parallel Group 13-14 in UMA-I (16)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
14		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 13-14 in UMA-I (16)	1126 Secs (1126 Secs)	
								[==>]	***[4]***
15		(15) UMA-I	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.6080,0 .3810	Prime + Parallel Group 15-16 in UMA-I (16)	1116 Secs (1116 Secs)	
								[==>]	***[4]***
16		ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Prime + Parallel Group 15-16 in UMA-I (16)	1126 Secs (1126 Secs)	
								[==>]	***[4]***

Orbit Structure



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GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Unused Orbital Visibility = 98
Occultation
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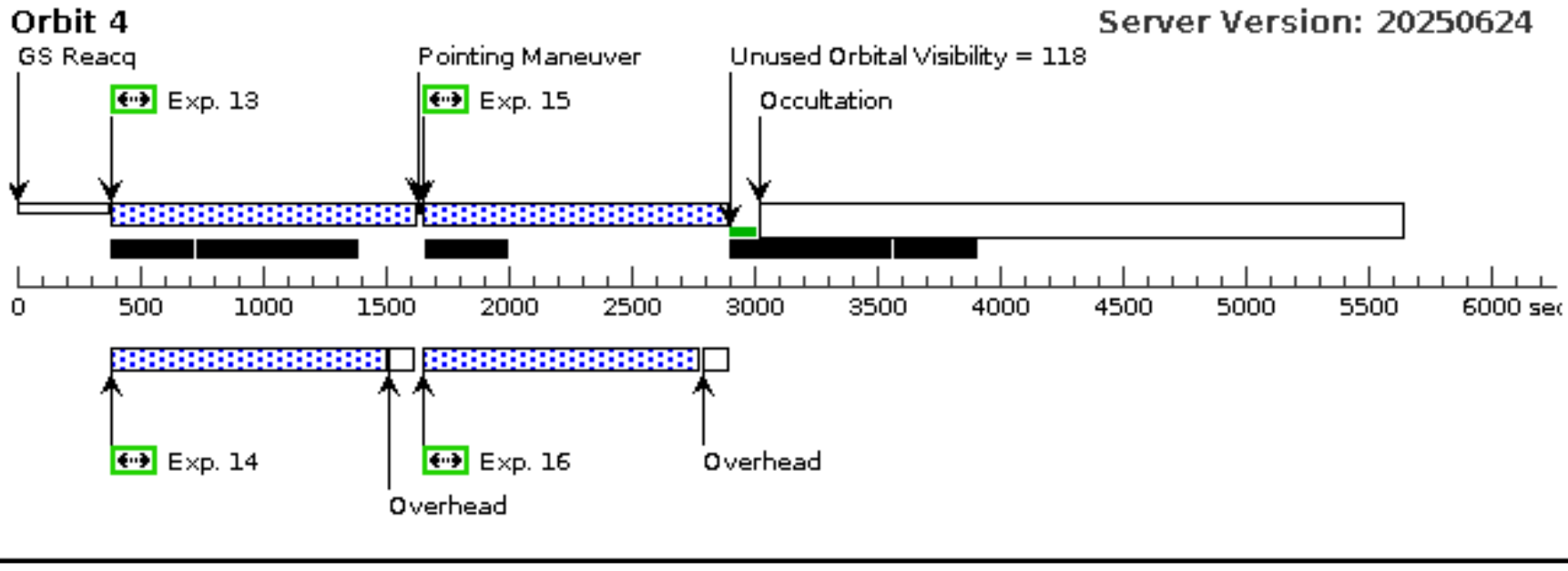
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 10
Overhead
Exp. 12
Overhead


Orbit 4
Server Version: 20250624
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Unused Orbital Visibility = 118
Occultation
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1000
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2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Exp. 14
Overhead
Exp. 16
Overhead