



17436 - An Independent High-Precision Distance Ladder for Cosmology

Cycle: 31, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
Dr. Joseph Jensen (PI) (Contact)	Utah Valley University
Dr. R. Brent Tully (CoI)	University of Hawaii
Dr. John P. Blakeslee (CoI)	NOIRLab - (AZ)
Dr. Ehsan Kourkchi (CoI)	University of Hawaii

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) NGC-0050	WFC3/IR	1	06-Nov-2025 14:00:16.0	yes
02	(2) NGC-0194	WFC3/IR	1	06-Nov-2025 14:00:17.0	yes
03	(3) NGC-0193	WFC3/IR	1	06-Nov-2025 14:00:17.0	yes
04	(4) NGC-227	WFC3/IR	1	06-Nov-2025 14:00:17.0	yes
05	(5) NGC-0311	WFC3/IR	1	06-Nov-2025 14:00:18.0	yes
06	(6) NGC-393	WFC3/IR	1	06-Nov-2025 14:00:18.0	yes
07	(7) NGC-0499	WFC3/IR	1	06-Nov-2025 14:00:18.0	yes
08	(8) NGC-0508	WFC3/IR	1	06-Nov-2025 14:00:19.0	yes
09	(9) NGC-0529	WFC3/IR	1	06-Nov-2025 14:00:19.0	yes
10	(10) NGC-0541	WFC3/IR	1	06-Nov-2025 14:00:19.0	yes
11	(11) NGC-0564	WFC3/IR	1	06-Nov-2025 14:00:20.0	yes

Proposal 17436 (STScI Edit Number: 1, Created: Thursday, November 6, 2025, 2:01:00PM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
12	(12) NGC-0759	WFC3/IR	1	06-Nov-2025 14:00:20.0	yes
13	(13) ESO-197-G021	WFC3/IR	1	06-Nov-2025 14:00:20.0	yes
14	(14) NGC-0883	WFC3/IR	1	06-Nov-2025 14:00:21.0	yes
15	(15) UGC-01859	WFC3/IR	1	06-Nov-2025 14:00:21.0	yes
16	(16) IC-1812	WFC3/IR	1	06-Nov-2025 14:00:21.0	yes
17	(17) NGC-1057	WFC3/IR	1	06-Nov-2025 14:00:22.0	yes
18	(18) NGC-1066	WFC3/IR	1	06-Nov-2025 14:00:22.0	yes
19	(19) IC-0265	WFC3/IR	1	06-Nov-2025 14:00:23.0	yes
20	(20) IC-310	WFC3/IR	1	06-Nov-2025 14:00:23.0	yes
21	(21) NGC-1270	WFC3/IR	1	06-Nov-2025 14:00:23.0	yes
22	(22) NGC-1550	WFC3/IR	1	06-Nov-2025 14:00:24.0	yes
23	(23) NGC-1609	WFC3/IR	1	06-Nov-2025 14:00:24.0	yes
24	(24) NGC-1682	WFC3/IR	1	06-Nov-2025 14:00:24.0	yes
25	(25) NGC-1710	WFC3/IR	1	06-Nov-2025 14:00:25.0	yes
26	(26) UGC-03215	WFC3/IR	1	06-Nov-2025 14:00:25.0	yes
27	(27) NGC-1713	WFC3/IR	1	06-Nov-2025 14:00:25.0	yes
28	(28) UGC-3683	WFC3/IR	1	06-Nov-2025 14:00:26.0	yes
29	(29) NGC-2563	WFC3/IR	1	06-Nov-2025 14:00:26.0	yes
30	(30) IC-2437	WFC3/IR	1	06-Nov-2025 14:00:26.0	yes
31	(31) NGC-3260	WFC3/IR	1	06-Nov-2025 14:00:27.0	yes
32	(32) NGC-3402	WFC3/IR	1	06-Nov-2025 14:00:27.0	yes
33	(33) NGC-3557	WFC3/IR	1	06-Nov-2025 14:00:28.0	yes
34	(34) NGC-3923	WFC3/IR	1	06-Nov-2025 14:00:28.0	yes
35	(35) IC-3370	WFC3/IR	1	06-Nov-2025 14:00:29.0	yes
36	(36) NGC-4696	WFC3/IR	1	06-Nov-2025 14:00:29.0	yes

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<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>
38	(38) NGC-4709	WFC3/IR	1	06-Nov-2025 14:00:29.0	yes
41	(41) NGC-4739	WFC3/IR	1	06-Nov-2025 14:00:30.0	yes
42	(42) NGC-4729	WFC3/IR	1	06-Nov-2025 14:00:30.0	yes
43	(43) ESO-507-G032	WFC3/IR	1	06-Nov-2025 14:00:30.0	yes
44	(44) NGC-4759	WFC3/IR	1	06-Nov-2025 14:00:31.0	yes
45	(45) NGC-4760	WFC3/IR	1	06-Nov-2025 14:00:31.0	yes
47	(47) NGC-4782	WFC3/IR	1	06-Nov-2025 14:00:31.0	yes
48	(48) ESO-507-G045	WFC3/IR	1	06-Nov-2025 14:00:32.0	yes
49	(49) ESO-443-G024	WFC3/IR	1	06-Nov-2025 14:00:32.0	yes
50	(50) IC-3986	WFC3/IR	1	06-Nov-2025 14:00:32.0	yes
52	(52) NGC-4936	WFC3/IR	1	06-Nov-2025 14:00:33.0	yes
53	(53) NGC-5011	WFC3/IR	1	06-Nov-2025 14:00:33.0	yes
54	(54) ESO-269-G072	WFC3/IR	1	06-Nov-2025 14:00:33.0	yes
55	(55) NGC-5140	WFC3/IR	1	06-Nov-2025 14:00:34.0	yes
56	(56) ESO-576-G066	WFC3/IR	1	06-Nov-2025 14:00:34.0	yes
57	(57) NGC-5193	WFC3/IR	1	06-Nov-2025 14:00:35.0	yes
58	(58) IC-4296	WFC3/IR	1	06-Nov-2025 14:00:35.0	yes
59	(59) ESO-445-G002	WFC3/IR	1	06-Nov-2025 14:00:35.0	yes
61	(61) NGC-5328	WFC3/IR	1	06-Nov-2025 14:00:36.0	yes
62	(62) ESO-384-G013	WFC3/IR	1	06-Nov-2025 14:00:36.0	yes
63	(63) NGC-5357	WFC3/IR	1	06-Nov-2025 14:00:36.0	yes
64	(64) NGC-5397	WFC3/IR	1	06-Nov-2025 14:00:37.0	yes
65	(65) NGC-5516	WFC3/IR	1	06-Nov-2025 14:00:37.0	yes
66	(66) WKK-6479	WFC3/IR	1	06-Nov-2025 14:00:38.0	yes
67	(67) NGC-6502	WFC3/IR	1	06-Nov-2025 14:00:38.0	yes

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68	(68) IC-4842	WFC3/IR	1	06-Nov-2025 14:00:38.0	yes
69	(69) NGC-6876	WFC3/IR	1	06-Nov-2025 14:00:39.0	yes
70	(70) UGC-00902	WFC3/IR	1	06-Nov-2025 14:00:39.0	yes
71	(71) NGC-0641	WFC3/IR	1	06-Nov-2025 14:00:39.0	yes
72	(72) ESO-197-G010	WFC3/IR	1	06-Nov-2025 14:00:40.0	yes
73	(73) ESO-153-G003	WFC3/IR	1	06-Nov-2025 14:00:40.0	yes
74	(74) ESO-197-G018	WFC3/IR	1	06-Nov-2025 14:00:41.0	yes
75	(75) NGC-0997	WFC3/IR	1	06-Nov-2025 14:00:41.0	yes
76	(76) NGC-1004	WFC3/IR	1	06-Nov-2025 14:00:42.0	yes
77	(77) NGC-1044	WFC3/IR	1	06-Nov-2025 14:00:42.0	yes
78	(78) NGC-1226	WFC3/IR	1	06-Nov-2025 14:00:42.0	yes
79	(79) NGC-1305	WFC3/IR	1	06-Nov-2025 14:00:43.0	yes
80	(80) NGC-1322	WFC3/IR	1	06-Nov-2025 14:00:43.0	yes
81	(81) 2MASX-J04002709+3854173	WFC3/IR	1	06-Nov-2025 14:00:43.0	yes
82	(82) NGC-1497	WFC3/IR	1	06-Nov-2025 14:00:44.0	yes
83	(83) 2MASX-J04194579+3530344	WFC3/IR	1	06-Nov-2025 14:00:44.0	yes
84	(84) UGC-03021	WFC3/IR	1	06-Nov-2025 14:00:44.0	yes
85	(85) NGC-2303	WFC3/IR	1	06-Nov-2025 14:00:45.0	yes
86	(86) NGC-2320	WFC3/IR	1	06-Nov-2025 14:00:45.0	yes
87	(87) NGC-2332	WFC3/IR	1	06-Nov-2025 14:00:46.0	yes
88	(88) NGC-2340	WFC3/IR	1	06-Nov-2025 14:00:46.0	yes
89	(89) UGC-03725	WFC3/IR	1	06-Nov-2025 14:00:46.0	yes
90	(90) UGC-03812	WFC3/IR	1	06-Nov-2025 14:00:47.0	yes
91	(91) MCG-01-23-019	WFC3/IR	1	06-Nov-2025 14:00:47.0	yes
92	(92) NGC-3222	WFC3/IR	1	06-Nov-2025 14:00:48.0	yes

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93	(93) NGC-3352	WFC3/IR	1	06-Nov-2025 14:00:48.0	yes
94	(94) NGC-3771	WFC3/IR	1	06-Nov-2025 14:00:48.0	yes
95	(95) NGC-3172	WFC3/IR	1	06-Nov-2025 14:00:49.0	yes
96	(96) 2MASX-J11542038-5146519	WFC3/IR	1	06-Nov-2025 14:00:49.0	yes
97	(97) NGC-4006	WFC3/IR	1	06-Nov-2025 14:00:49.0	yes
98	(98) ESO-510-G009	WFC3/IR	1	06-Nov-2025 14:00:50.0	yes
99	(99) UGC-10097	WFC3/IR	1	06-Nov-2025 14:00:50.0	yes
0A	(100) IC-1153	WFC3/IR	1	06-Nov-2025 14:00:51.0	yes
0B	(101) NGC-6375	WFC3/IR	1	06-Nov-2025 14:00:51.0	yes
0C	(102) NGC-6442	WFC3/IR	1	06-Nov-2025 14:00:51.0	yes
0D	(103) CGCG-084-015	WFC3/IR	1	06-Nov-2025 14:00:52.0	yes
0E	(104) PGC-61702	WFC3/IR	1	06-Nov-2025 14:00:52.0	yes
0F	(105) ESO-141-G003	WFC3/IR	1	06-Nov-2025 14:00:52.0	yes
0G	(106) IC-5180	WFC3/IR	1	06-Nov-2025 14:00:52.0	yes
0H	(107) NGC-7315	WFC3/IR	1	06-Nov-2025 14:00:53.0	yes
0I	(108) UGC-12179	WFC3/IR	1	06-Nov-2025 14:00:53.0	yes
0J	(109) NGC-7774	WFC3/IR	1	06-Nov-2025 14:00:54.0	yes
0K	(110) CGCG-551-015	WFC3/IR	1	06-Nov-2025 14:00:54.0	yes
0L	(111) PGC-1001146	WFC3/IR	1	06-Nov-2025 14:00:55.0	yes
0M	(112) IC-0574	WFC3/IR	1	06-Nov-2025 14:00:55.0	yes
0N	(113) NGC-3343	WFC3/IR	1	06-Nov-2025 14:00:55.0	yes
0P	(114) IC-0642	WFC3/IR	1	06-Nov-2025 14:00:56.0	yes
0Q	(115) ESO-381-G012	WFC3/IR	1	06-Nov-2025 14:00:56.0	yes
0R	(116) UGC-12242	WFC3/IR	1	06-Nov-2025 14:00:56.0	yes
0S	(117) NGC-0071	WFC3/IR	1	06-Nov-2025 14:00:57.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
0T	(118) NGC-3426	WFC3/IR	1	06-Nov-2025 14:00:57.0	yes
0U	(119) IC-1143	WFC3/IR	1	06-Nov-2025 14:00:57.0	yes
0V	(120) UGC-10918	WFC3/IR	1	06-Nov-2025 14:00:58.0	yes
0X	(122) ESO-215-G010	WFC3/IR	1	06-Nov-2025 14:00:58.0	yes
0Y	(123) PGC-32955	WFC3/IR	1	06-Nov-2025 14:00:58.0	yes
1F	(39) ESO-507-G021	WFC3/IR	1	06-Nov-2025 14:00:59.0	yes
1G	(60) ESO-445-G028	WFC3/IR	1	06-Nov-2025 14:00:59.0	yes

118 Total Orbits Used

ABSTRACT

Surface brightness fluctuations (SBF) are a proven efficient and accurate distance indicator. SBF in E/S0 galaxies are sufficiently bright in the IR that they can be reliably measured to better than 5% in distance for galaxies within 85 Mpc in a single HST orbit. This outstanding and mature distance indicator will be used to determine distances for a random sampling of E/S0 galaxies from a list of 123 SNAP targets drawn from every massive cluster, and some non-cluster environments, within 85 Mpc. IR SBF using WFC3/IR will provide distances for the cosmological measurement of the Hubble-Lemaitre constant (H_0) comparable in accuracy to supernovae, which is critical to resolving the disagreement between direct local measurements of H_0 and those derived from cosmological models and the microwave background fluctuations in the early universe. SBF anchored by the tip of the red giant branch zero point measured using JWST (approved for cycle 2) will offer a competitive and completely independent alternative to the Cepheid+SN route to H_0 .

The most massive clusters at 50-85 Mpc lie within either the Laniakea supercluster or in the Perseus-Pisces filament. This distance range is the sweet spot for HST IR SBF studies--distances too great to be reliably measured from the ground but comfortably accessible with HST in a single orbit. The dynamics in these two complexes are in the strongly non-linear regime. Numerical action methods will permit the recovery of physical orbits and the determination of 3D mass distribution of the local universe. The 3D information on positions and motions of massive galaxies affords a unique window into the construction of rich clusters.

OBSERVING DESCRIPTION

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The proposed SNAP observations are straight-forward WFC3/IR F110W imaging observations of up to 123 early-type elliptical and lenticular galaxies distributed uniformly across the sky and sampling all the most important clusters and groups within 85 Mpc. About 75 of the galaxies are taken from the previous cycle 28 SNAP program (GO-16262) that were not observed, mostly in the 50-75 distance range, and the rest (~50) are galaxies from 80 to 85 Mpc in distance. The new distances will be combined with the existing SNAP SBF measurements of 67 galaxies observed in cycle 28 to make a robust measurement of the Hubble constant and trace the local mass distribution. All the observations can be done in a single orbit, as required for SNAP programs.

The analysis and distance measurements will follow the SBF guidelines developed for WFC3 (Jensen et al. 2015, 2021), and are expected to have measurement uncertainties of <5%. The exposure times and distance limit of 85 Mpc were chosen to achieve a point-source sensitivity that reaches to within 0.5 mag of the peak of the globular cluster (GC) luminosity function, which is sufficient for the contribution from undetected GCs and galaxies to be less than 10% of the fluctuation signal, and therefore not dominate the final uncertainty in the distance measurement (Jensen et al. 2021).

We believe the most efficient use of the allocated time is to collect four dithered exposures per orbit with SPARS50 and NSAMP=11 to get a total of 2212 sec per target. The schedulability was set to 100% to maximize flexibility. If necessary, we can reduce NSAMP to 11 for a total exposure time of 2012 sec, which was successful in our cycle 28 program.

There are no other special requirements for these observations. They are just straight-forward imaging at F110W with 4 small dithers to allow for correction of image defects.

Proposal 17436 - Visit 01 - An Independent High-Precision Distance Ladder for Cosmology

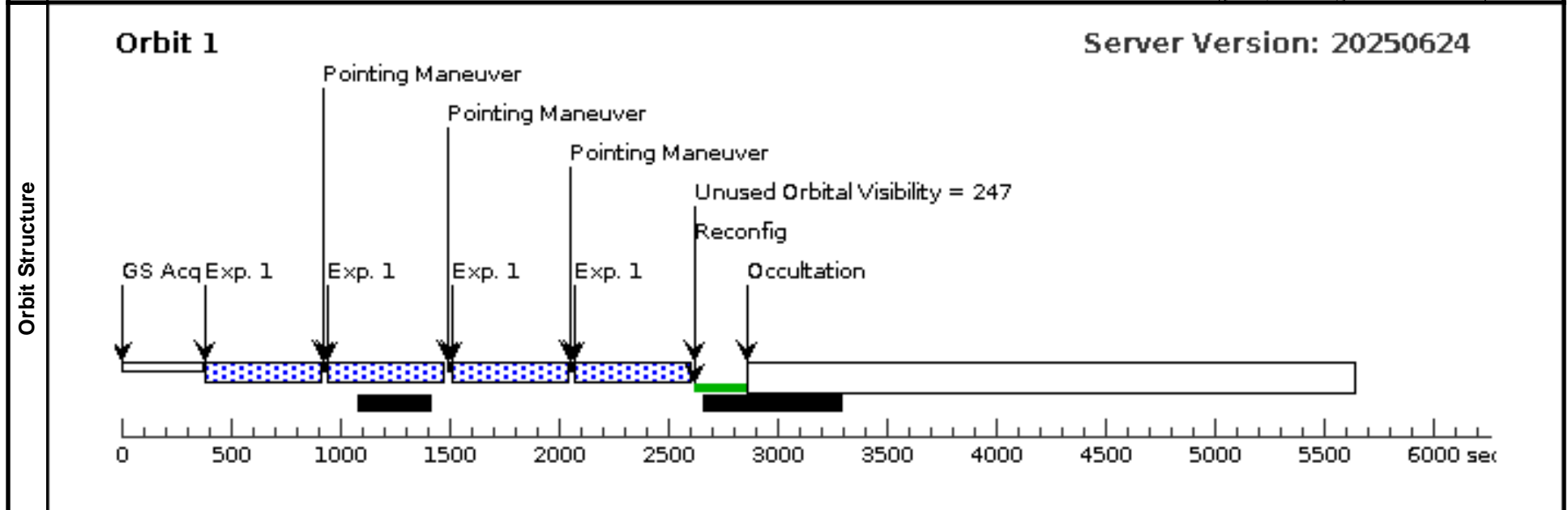
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 01, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	NGC-0050 Alt Name1: PGC-983	RA: 00 14 44.6000 (3.6858333d) Dec: -07 20 42.60 (-7.34517d) Equinox: J2000	Radial Velocity: 5495.0 km/sec	V=? K=8.56, (J-H)=0.69	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) NGC-0050	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 01 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 02 - An Independent High-Precision Distance Ladder for Cosmology

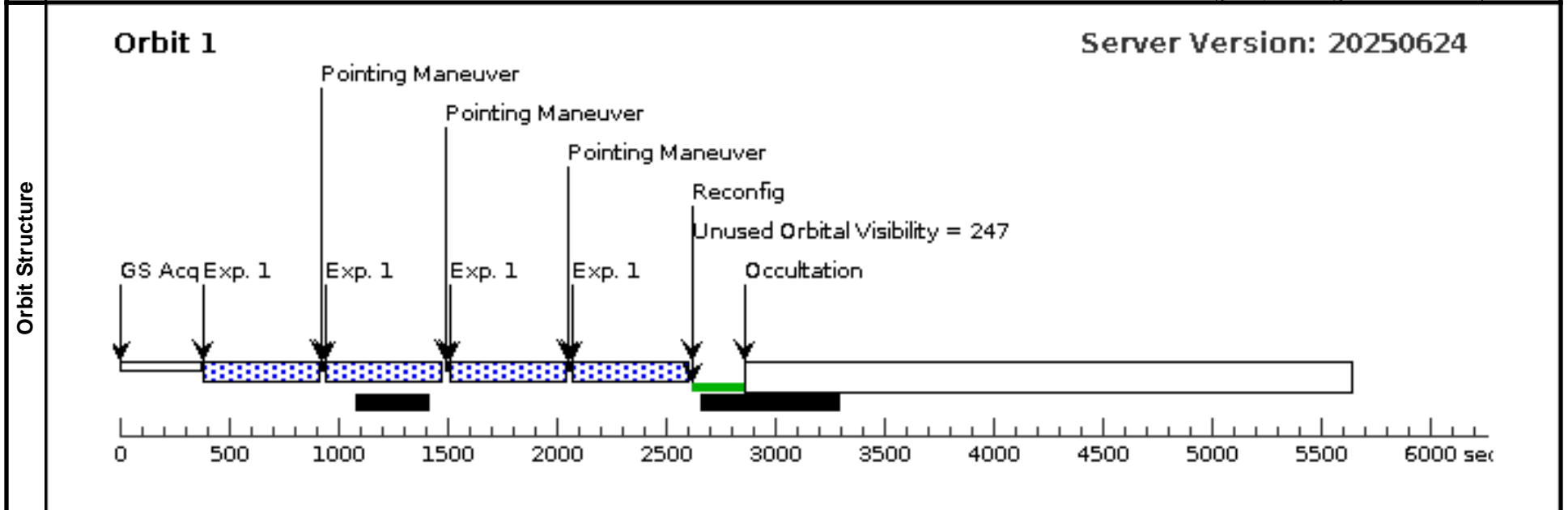
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 02, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	NGC-0194 Alt Name1: PGC-2362	RA: 00 39 18.4000 (9.8266667d) Dec: +03 02 14.80 (3.03744d) Equinox: J2000	Radial Velocity: 5184.0 km/sec	V=(?) K=9.2, (J-H)=0.72	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) NGC-0194	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 02 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 03 - An Independent High-Precision Distance Ladder for Cosmology

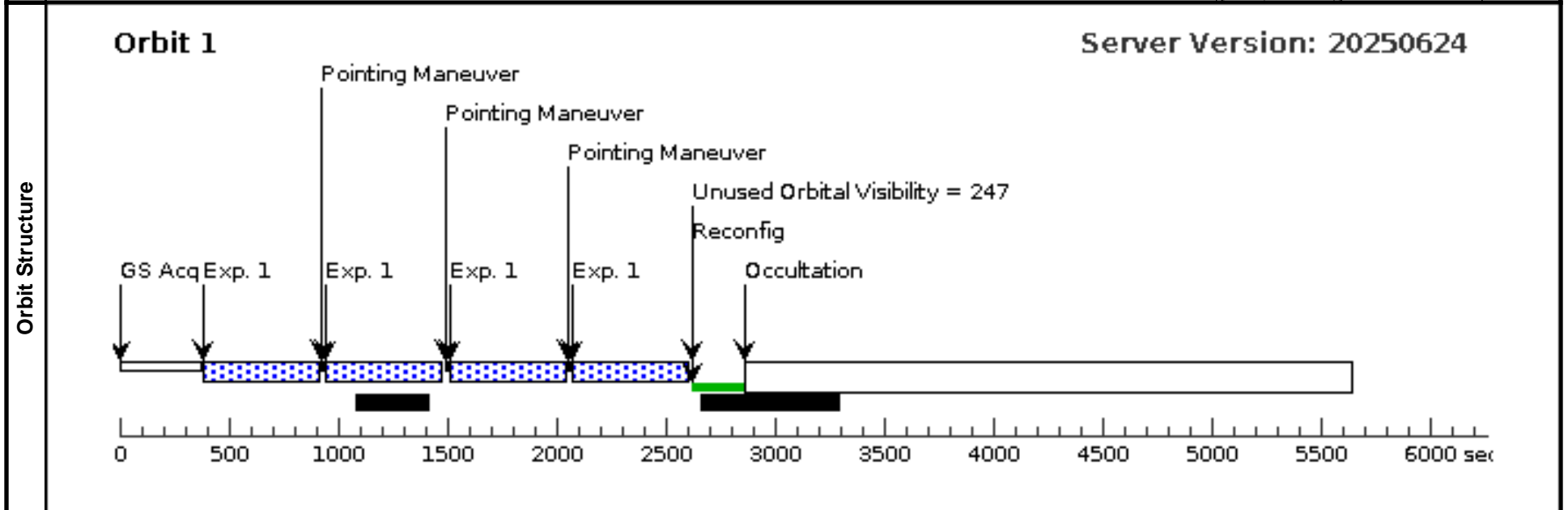
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 03, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	NGC-0193 Alt Name1: PGC-2359	RA: 00 39 18.6000 (9.8275000d) Dec: +03 19 52.80 (3.33133d) Equinox: J2000	Radial Velocity: 4394.0 km/sec	V=(?) K=9.2, (J-H)=0.67	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) NGC-0193	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 03 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 04 - An Independent High-Precision Distance Ladder for Cosmology

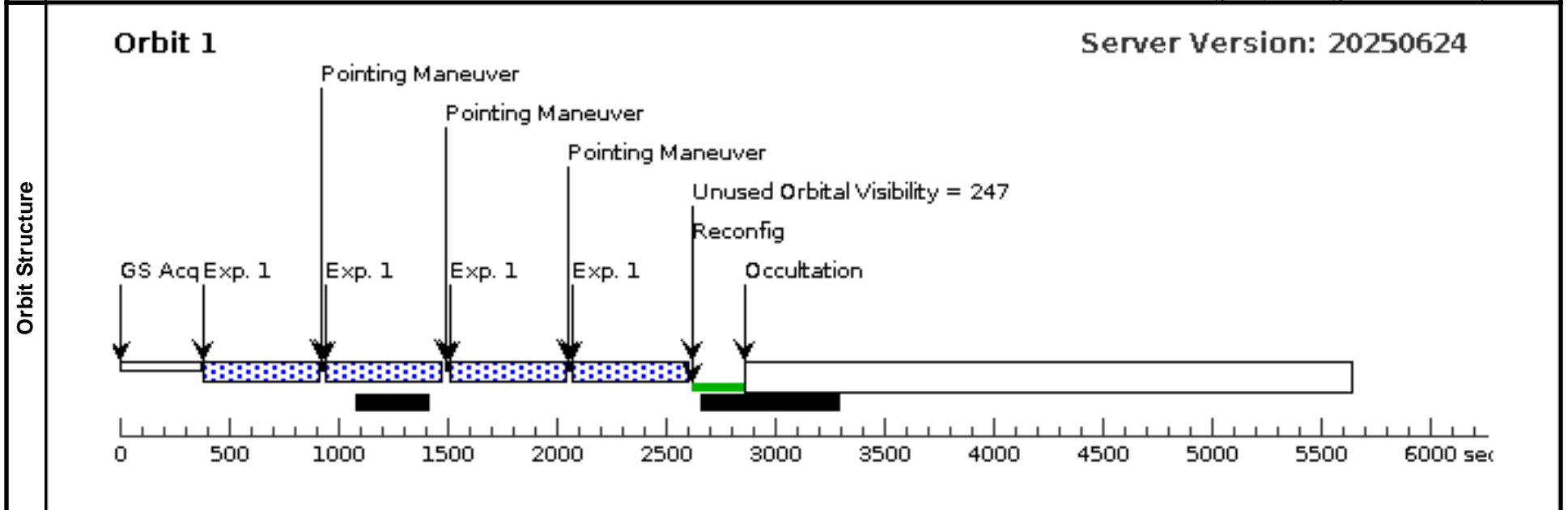
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 04, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	NGC-227	RA: 00 42 36.8300 (10.6534583d) Dec: -01 31 43.60 (-1.52878d) Equinox: J2000	Radial Velocity: 5297.0 km/sec	V=(?) K=9.08, (J-H)=0.68	Reference Frame: NED
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) NGC-227	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 04 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 05 - An Independent High-Precision Distance Ladder for Cosmology

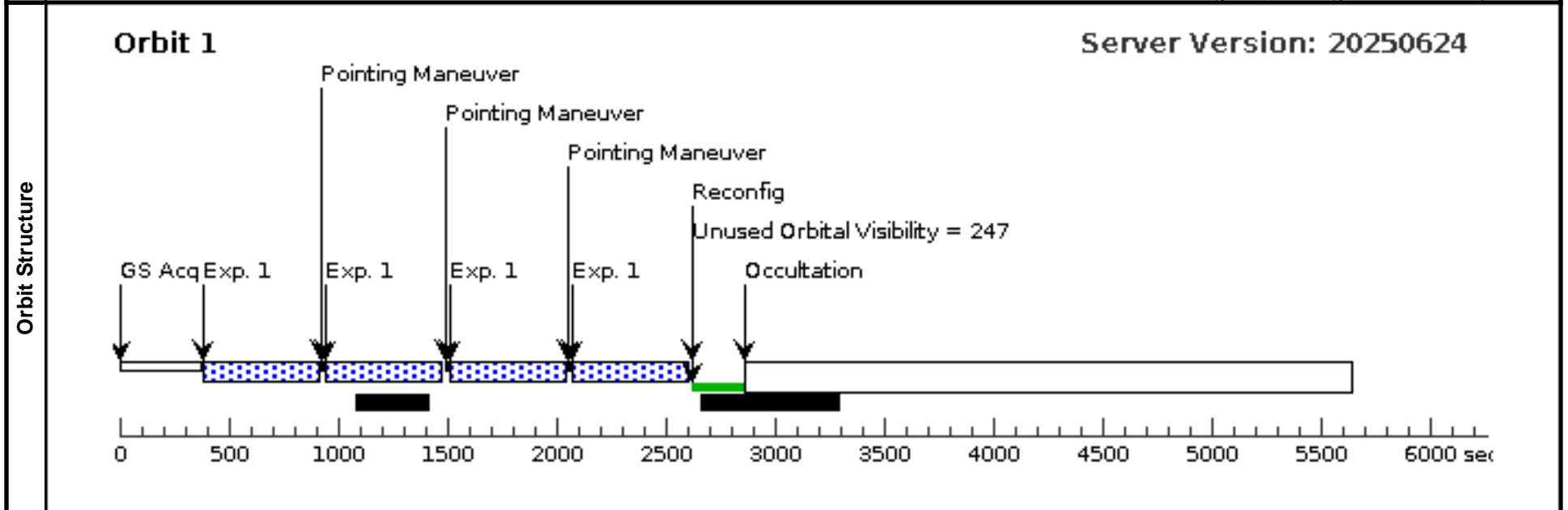
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 05, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	NGC-0311 Alt Name1: PGC-3434	RA: 00 57 32.6000 (14.3858333d) Dec: +30 16 50.90 (30.28081d) Equinox: J2000	Radial Velocity: 5020.0 km/sec	V=(?) K=9.71, (J-H)=0.67	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) NGC-0311	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 05 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 06 - An Independent High-Precision Distance Ladder for Cosmology

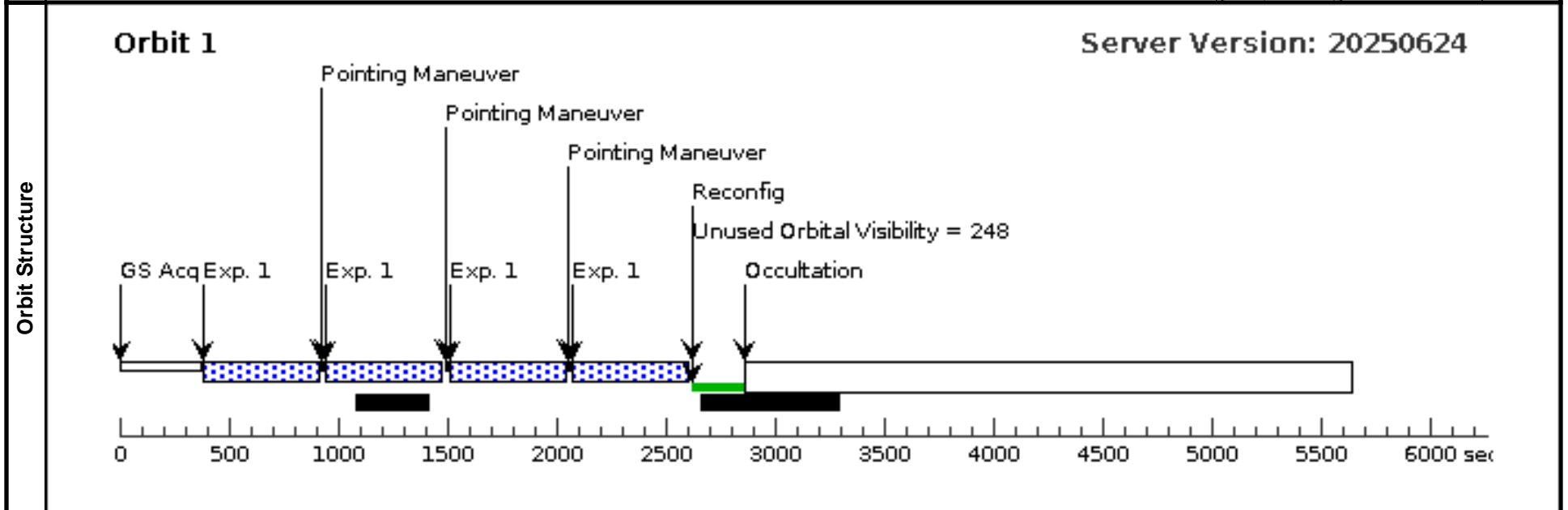
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 06, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	NGC-393 Alt Name1: PGC-4061	RA: 01 08 36.9500 (17.1539583d) Dec: +39 38 39.50 (39.64431d) Equinox: J2000	Radial Velocity: 6102.0 km/sec	V=(?) K=9.22, (J-H)=0.72	Reference Frame: NED
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) NGC-393	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 06 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Visit	Proposal 17436, Visit 07, completed			Thu Nov 06 19:01:00 GMT 2025
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

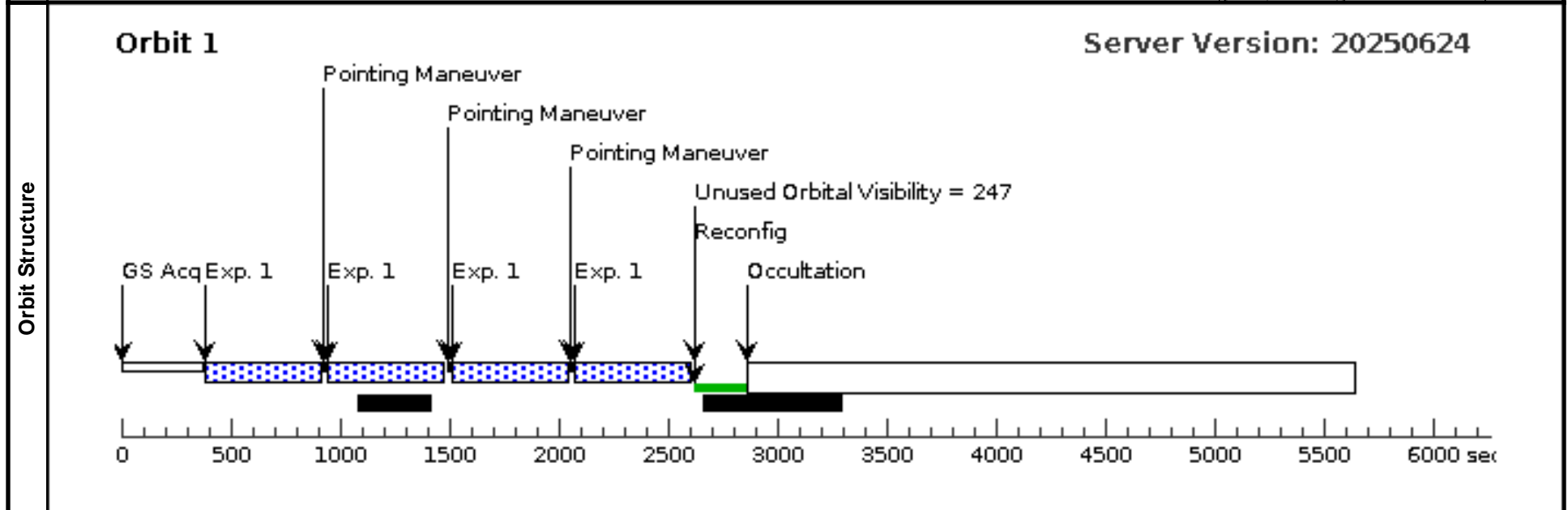
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	NGC-0499 Alt Name1: PGC-5060	RA: 01 23 11.5000 (20.7979167d) Dec: +33 27 37.50 (33.46042d) Equinox: J2000	Radial Velocity: 4360.0 km/sec	V=(?) K=8.71, (J-H)=0.67	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) NGC-0499	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 07 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
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 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 08 - An Independent High-Precision Distance Ladder for Cosmology

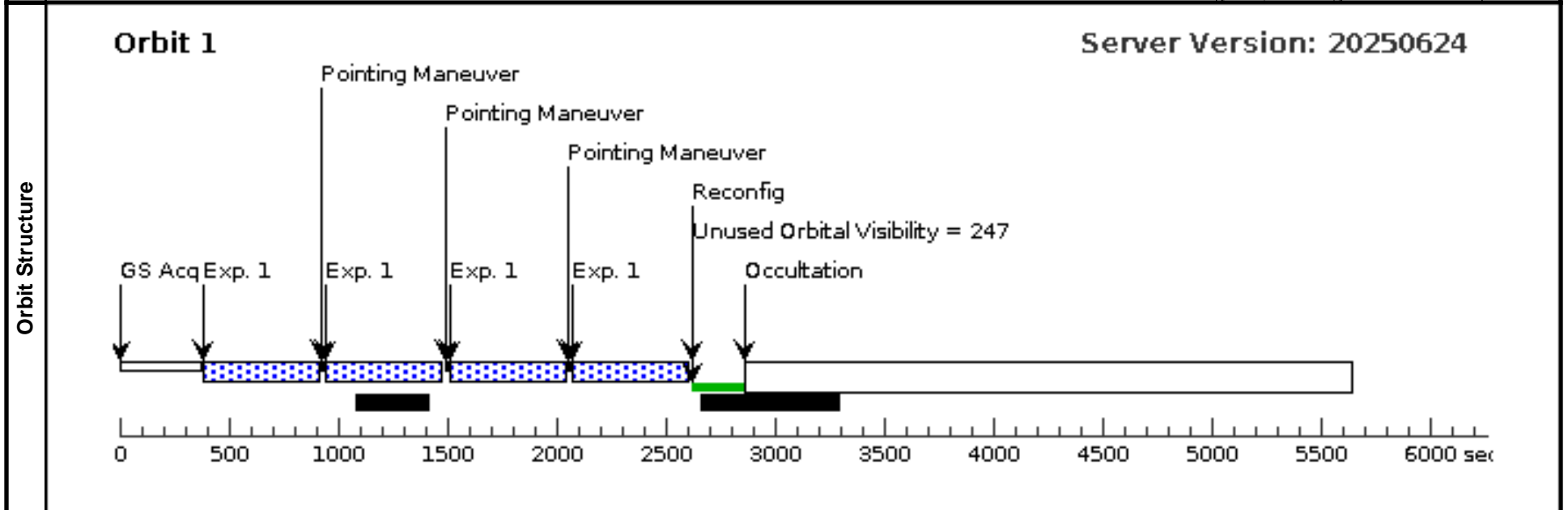
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 08, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	NGC-0508 Alt Name1: PGC-5099	RA: 01 23 40.7000 (20.9195833d) Dec: +33 16 51.10 (33.28086d) Equinox: J2000	Radial Velocity: 5494.0 km/sec	V=(?) K=9.7, (J-H)=0.65	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(8) NGC-0508	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 08 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 09 - An Independent High-Precision Distance Ladder for Cosmology

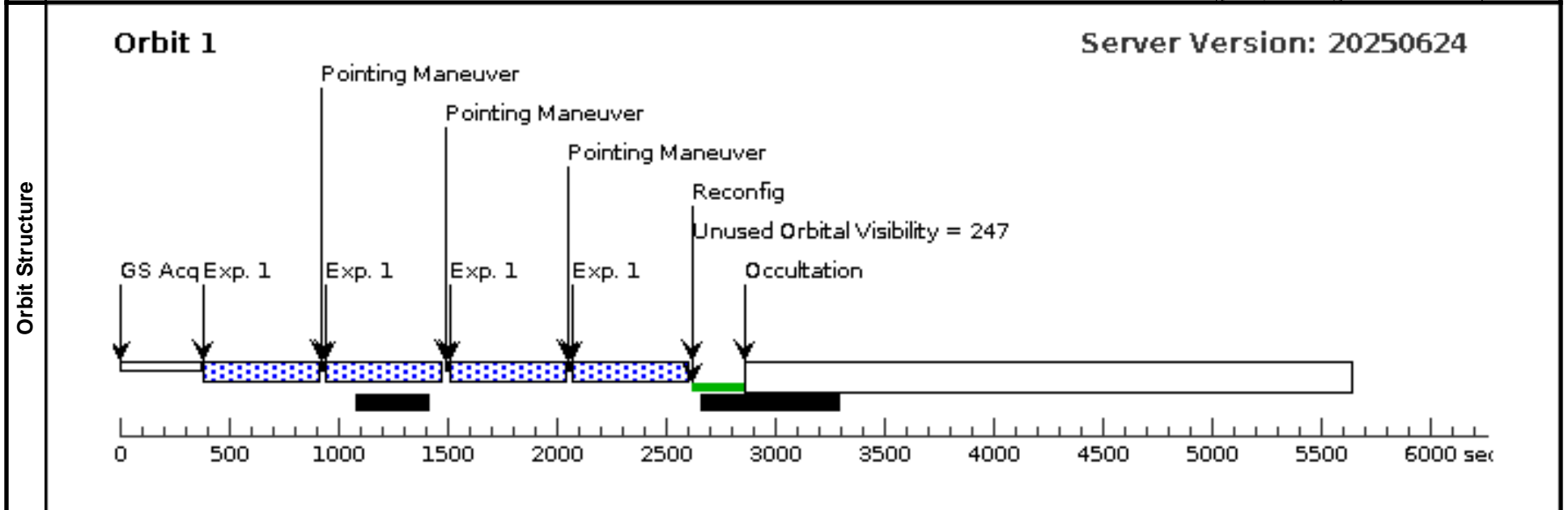
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 09, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	NGC-0529 Alt Name1: PGC-5299	RA: 01 25 40.3000 (21.4179167d) Dec: +34 42 46.50 (34.71292d) Equinox: J2000	Radial Velocity: 4795.0 km/sec	V=(?) K=9.09, (J-H)=0.73	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) NGC-0529	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 09 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 10 - An Independent High-Precision Distance Ladder for Cosmology

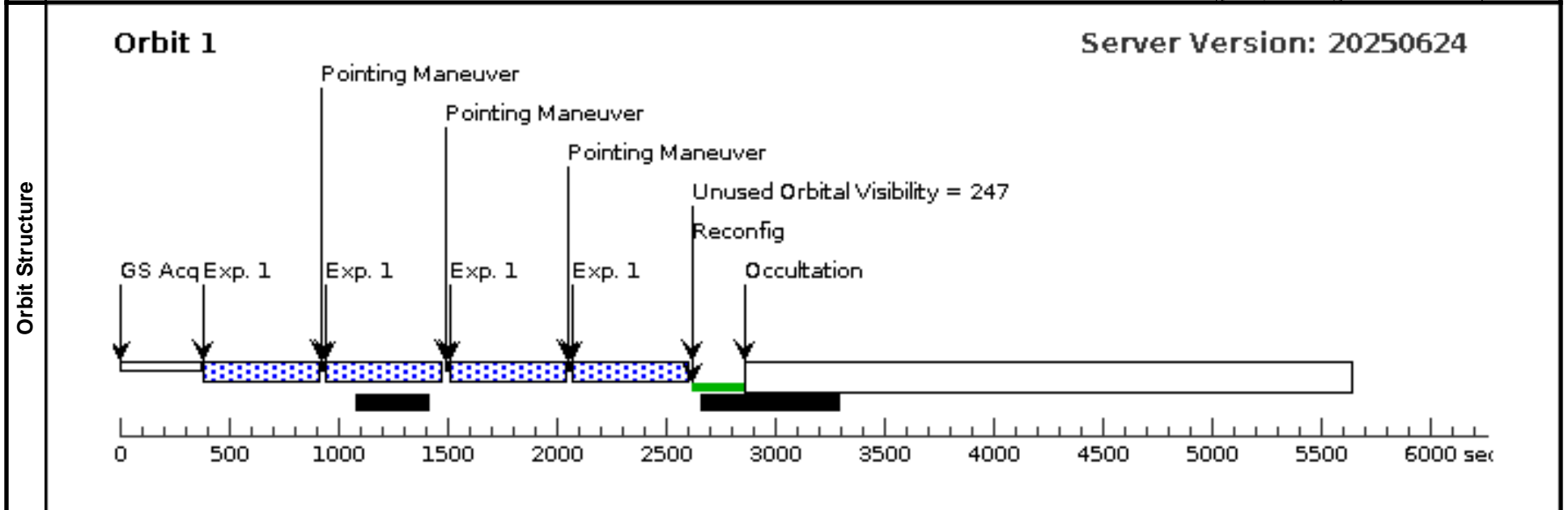
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 10, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	NGC-0541	RA: 01 25 44.3000 (21.4345833d)	Radial Velocity: 5384.0 km/sec	V=(?) K=9.28, (J-H)=0.69	Reference Frame: ICRS
		Alt Name1: PGC-5305	Dec: -01 22 46.20 (-1.37950d)			
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) NGC-0541	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 10 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 11 - An Independent High-Precision Distance Ladder for Cosmology

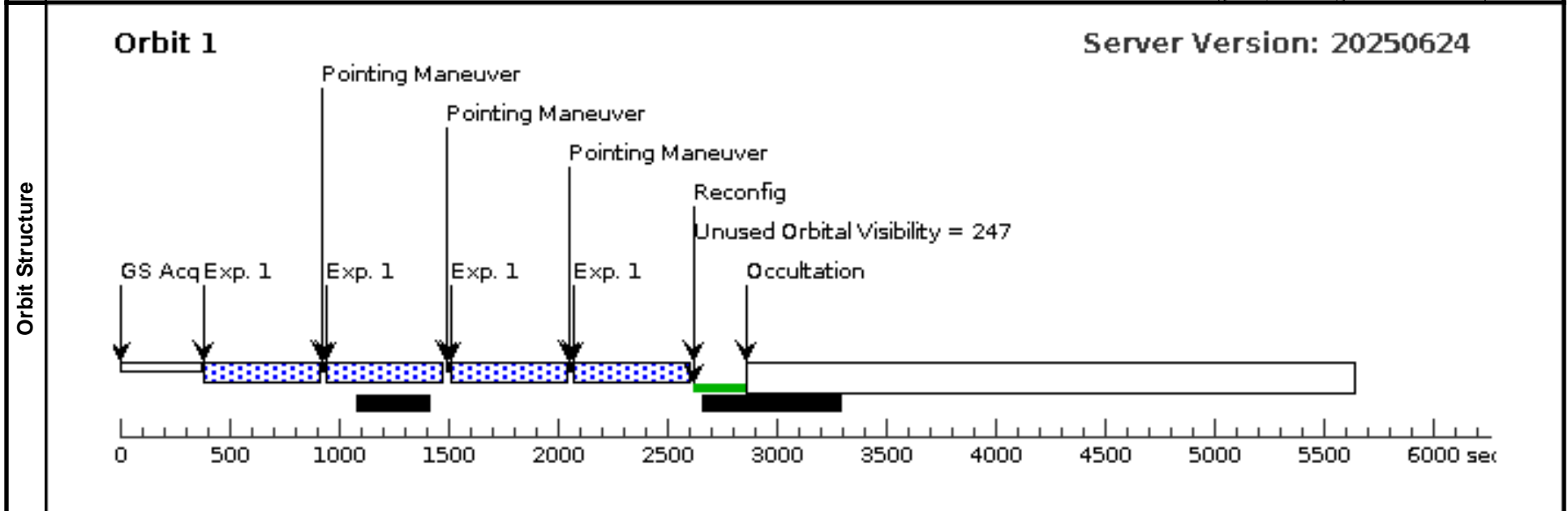
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 11, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	NGC-0564 Alt Name1: PGC-5455	RA: 01 27 48.2000 (21.9508333d) Dec: -01 52 46.00 (-1.87944d) Equinox: J2000	Radial Velocity: 5832.0 km/sec	V=(?) K=9.59, (J-H)=0.64	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) NGC-0564	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 11 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Visit	Proposal 17436, Visit 12, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

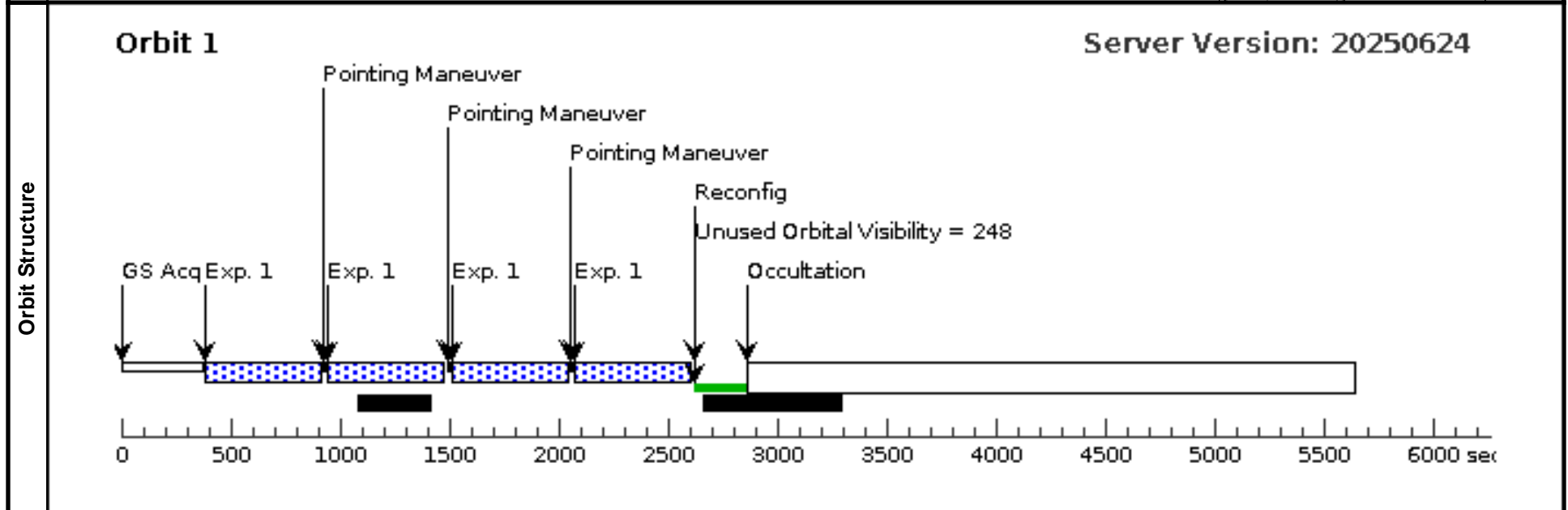
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	NGC-0759 Alt Name1: PGC-7397	RA: 01 57 50.4000 (29.4600000d) Dec: +36 20 34.80 (36.34300d) Equinox: J2000	Radial Velocity: 4647.0 km/sec	V=(?) K=9.11, (J-H)=0.72	Reference Frame: ICRS

Comments: Category=GALAXY Description=[ELLIPTICAL] Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(12) NGC-0759	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 12 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
[=>(Pattern 2)]
[=>(Pattern 3)]
[=>(Pattern 4)]



Proposal 17436 - Visit 13 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:00 GMT 2025

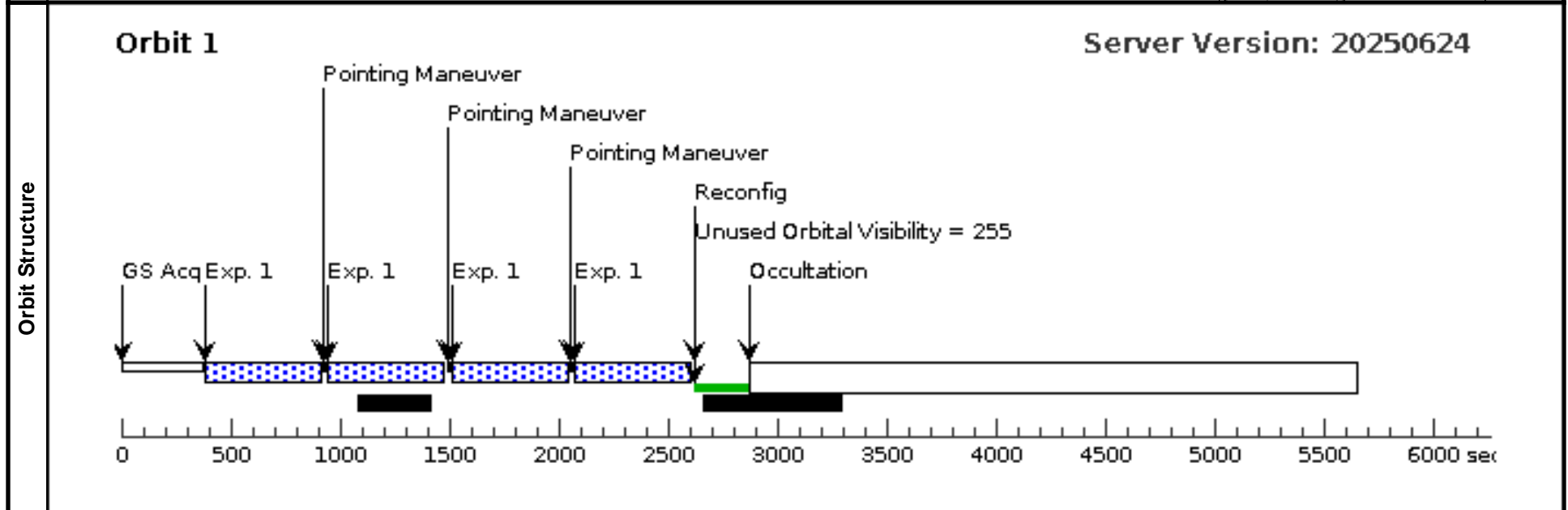
Visit	Proposal 17436, Visit 13, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(13)	ESO-197-G021 Alt Name1: PGC-7903	RA: 02 04 32.5900 (31.1357917d) Dec: -52 10 19.80 (-52.17217d) Equinox: J2000	Radial Velocity: 6000.0 km/sec	V=(?) K=9.09, (J-H)=0.7	Reference Frame: NED

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(13) ESO-197-G021	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 i n Visit 13 (1)	502.936801 Secs (2011.747 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Visit	Proposal 17436, Visit 14, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

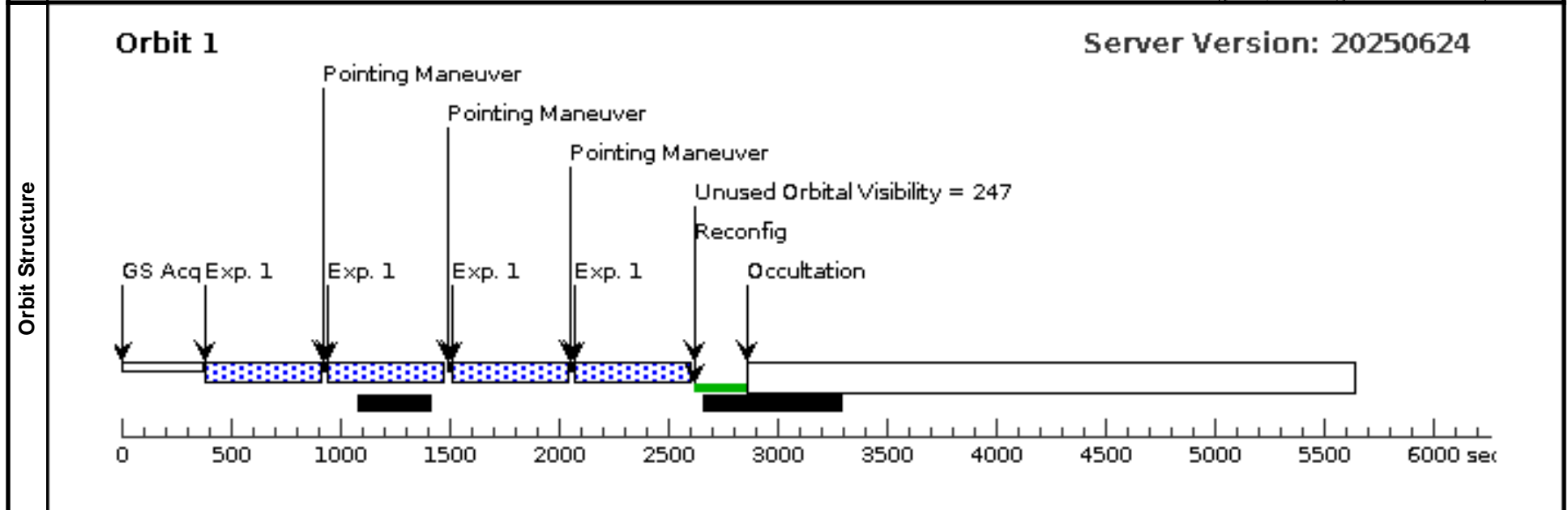
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	NGC-0883 Alt Name1: PGC-8841	RA: 02 19 5.1800 (34.7715833d) Dec: -06 47 27.30 (-6.79092d) Equinox: J2000	Radial Velocity: 5443.0 km/sec	V=(?) K=8.89, (J-H)=0.69	Reference Frame: NED

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(14) NGC-0883	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 14 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 15 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 15, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

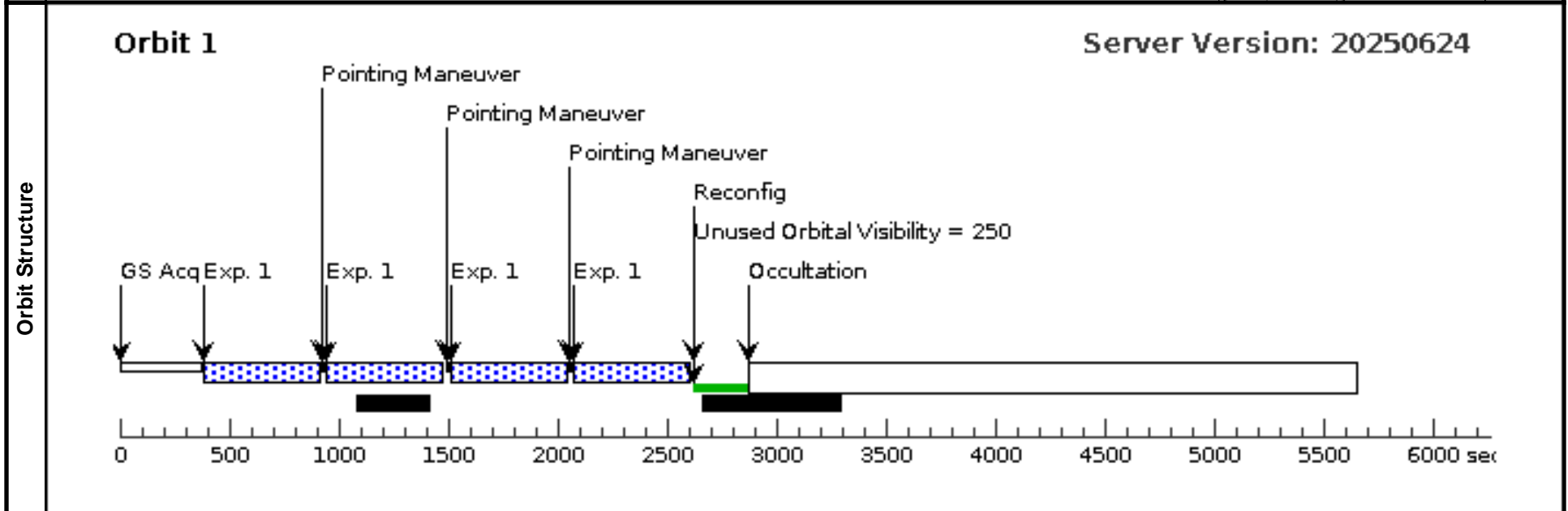
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	UGC-01859 Alt Name1: PGC-9150	RA: 02 24 44.4000 (36.1850000d) Dec: +42 37 22.30 (42.62286d) Equinox: J2000	Radial Velocity: 5917.0 km/sec	V=(?) K=9.75, (J-H)=0.67	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(15) UGC-01859	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 15 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 16 - An Independent High-Precision Distance Ladder for Cosmology

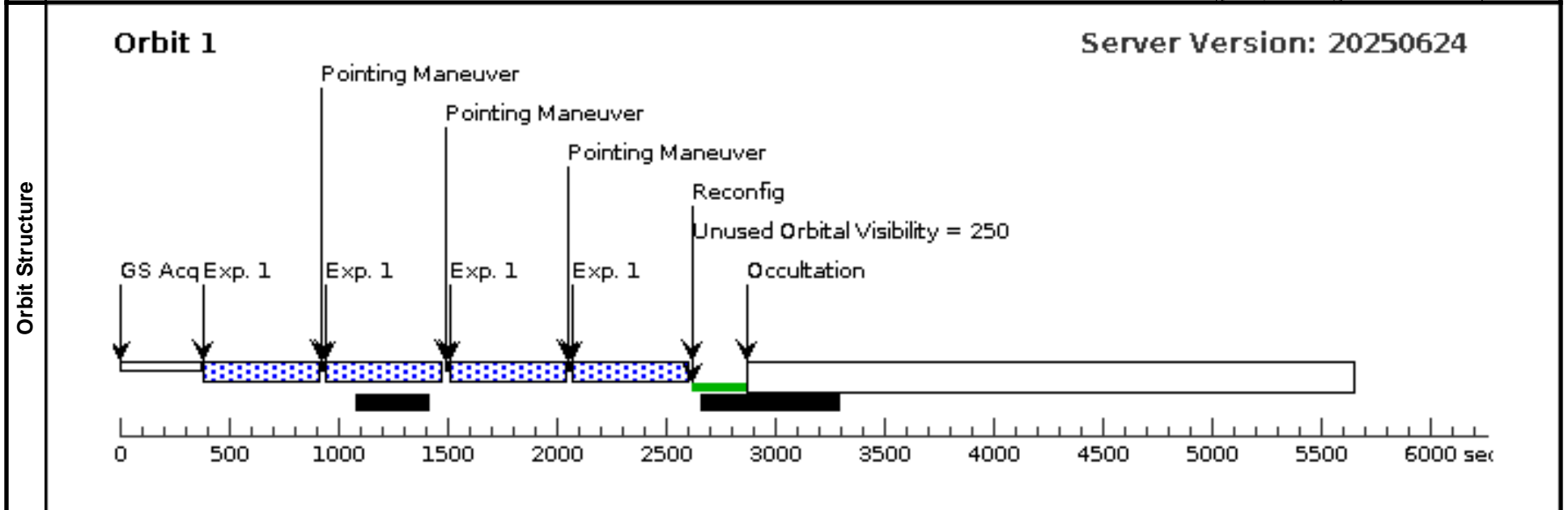
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 16, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	IC-1812 Alt Name1: PGC-9486	RA: 02 29 31.7800 (37.3824167d) Dec: -42 48 40.90 (-42.81136d) Equinox: J2000	Radial Velocity: 5169.0 km/sec	V=(?) K=9.13, (J-H)=0.73	Reference Frame: NED
<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(16) IC-1812	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 16 (1)	502.936801 Secs (2011.747 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 17 - An Independent High-Precision Distance Ladder for Cosmology

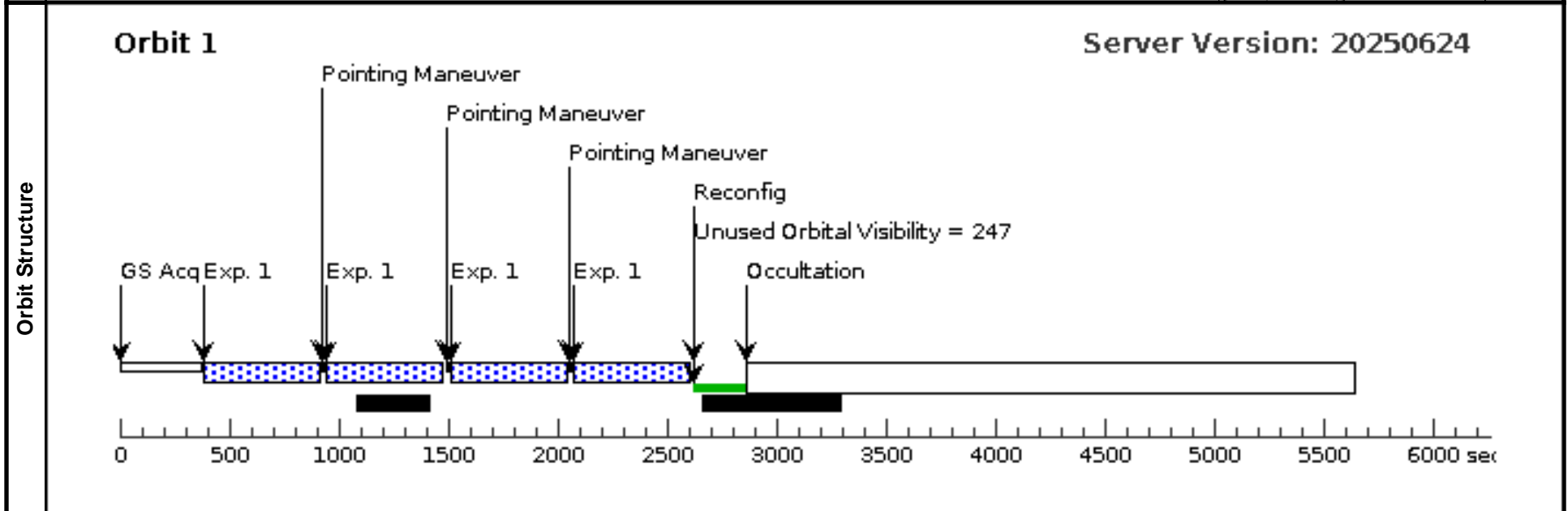
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 17, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	NGC-1057 Alt Name1: PGC-10287	RA: 02 43 2.9000 (40.7620833d) Dec: +32 29 28.30 (32.49119d) Equinox: J2000	Radial Velocity: 5786.0 km/sec	V=? K=10.18, (J-H)=0.78	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(17) NGC-1057	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 17 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 18 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 18, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		
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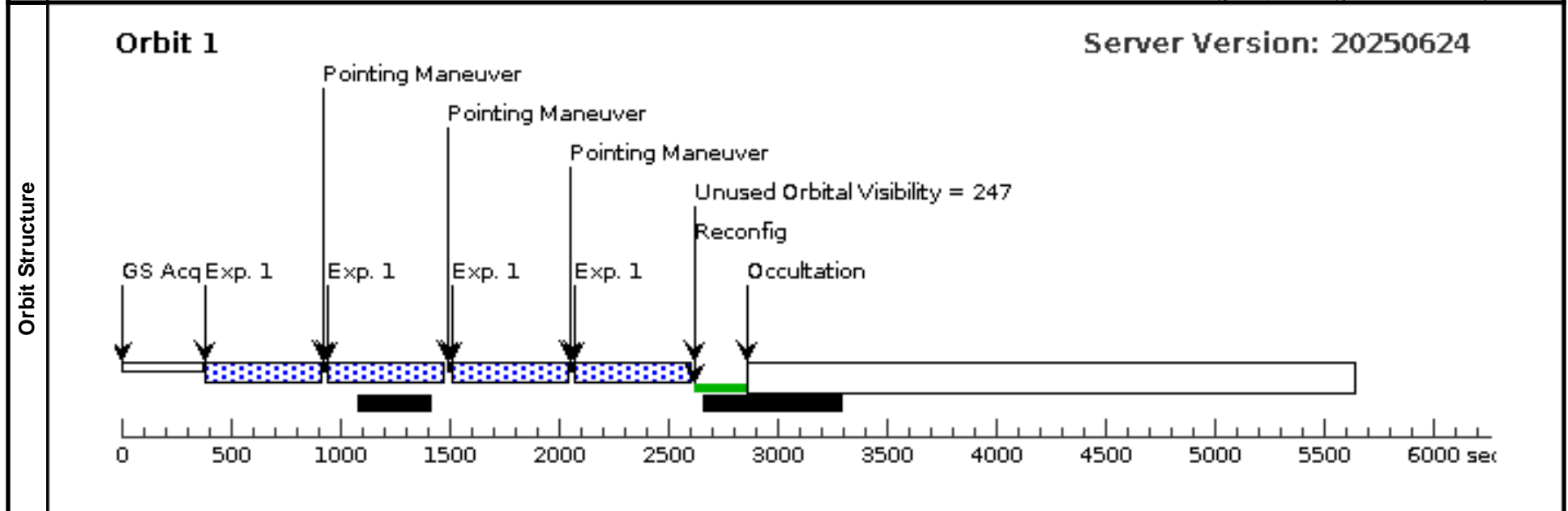
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	NGC-1066 Alt Name1: PGC-10338	RA: 02 43 49.9000 (40.9579167d) Dec: +32 28 29.70 (32.47492d) Equinox: J2000	Radial Velocity: 4349.0 km/sec	V=(?) K=8.82, (J-H)=0.7	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) NGC-1066	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 18 (1)	502.936801 Secs (2011.747 Secs)	[1]

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 19 - An Independent High-Precision Distance Ladder for Cosmology

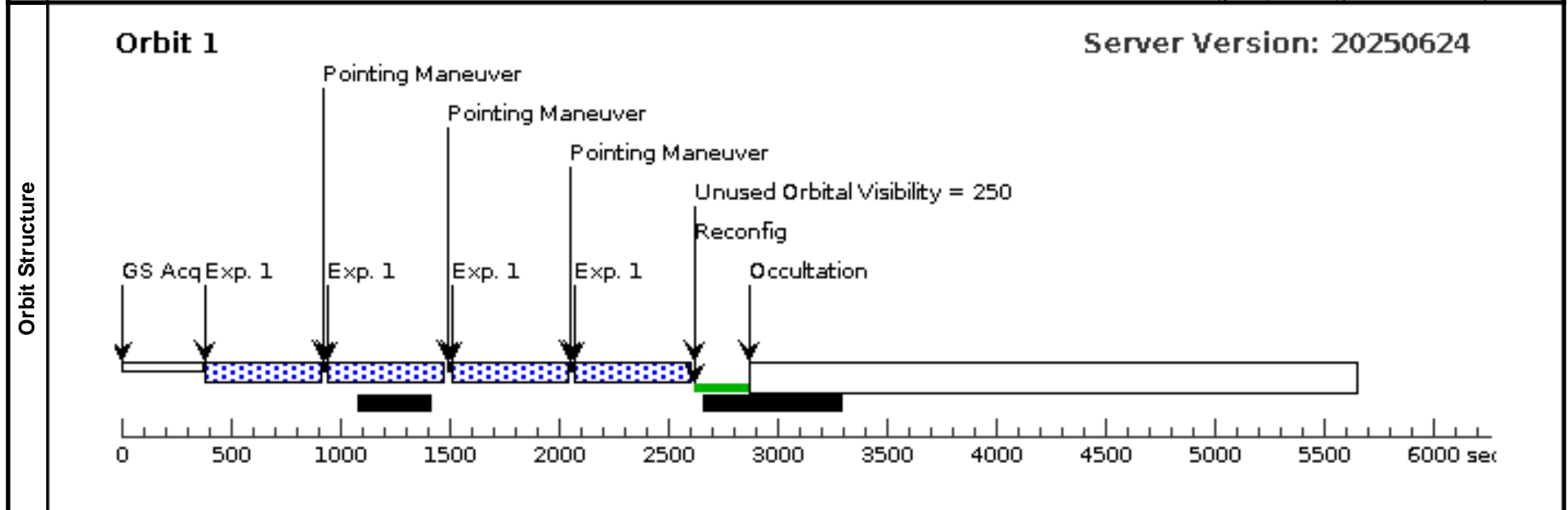
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 19, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(19)	IC-0265 Alt Name1: PGC-10978	RA: 02 54 44.0000 (43.6833333d) Dec: +41 39 18.60 (41.65517d) Equinox: J2000	Radial Velocity: 5374.0 km/sec	V=(?) K=10.47, (J-H)=0.65	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(19) IC-0265	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 19 (1)	502.936801 Secs (2011.747 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 20 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 20, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

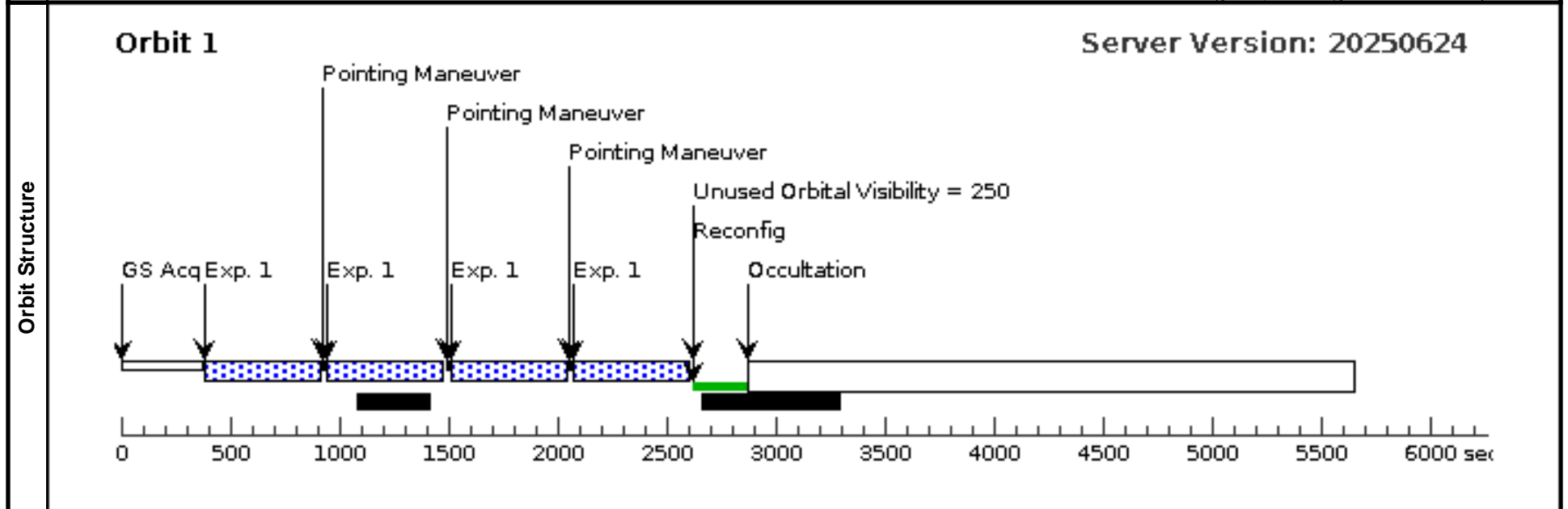
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	IC-310	RA: 03 16 42.9770 (49.1790708d) Alt Name1: PGC-12171 Equinox: J2000	Dec: +41 19 29.90 (41.32497d)	Radial Velocity: 5678.0 km/sec	V=(?) K=9.09, (J-H)=0.73

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) IC-310	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 20 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 21 - An Independent High-Precision Distance Ladder for Cosmology

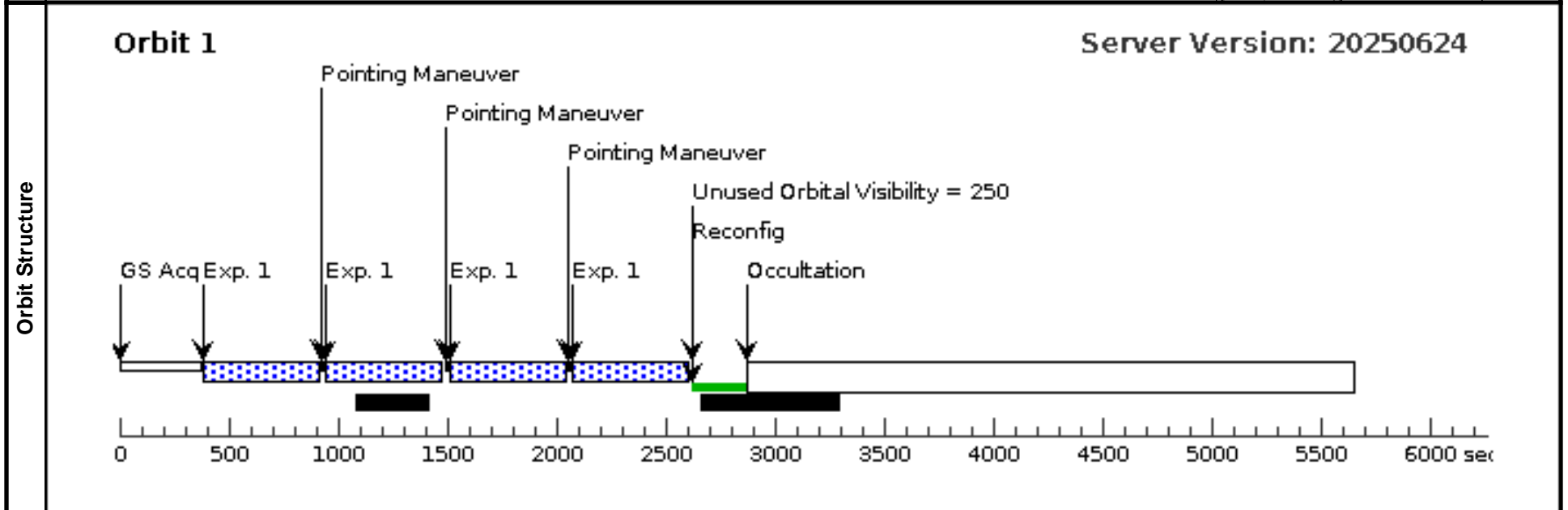
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 21, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(21)	NGC-1270	RA: 03 18 58.2000 (49.7425000d) Dec: +41 28 12.00 (41.47000d) Equinox: J2000	Radial Velocity: 4972.0 km/sec	V=(?) K=9.38, (J-H)=0.7	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(21) NGC-1270	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 21 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 22 - An Independent High-Precision Distance Ladder for Cosmology

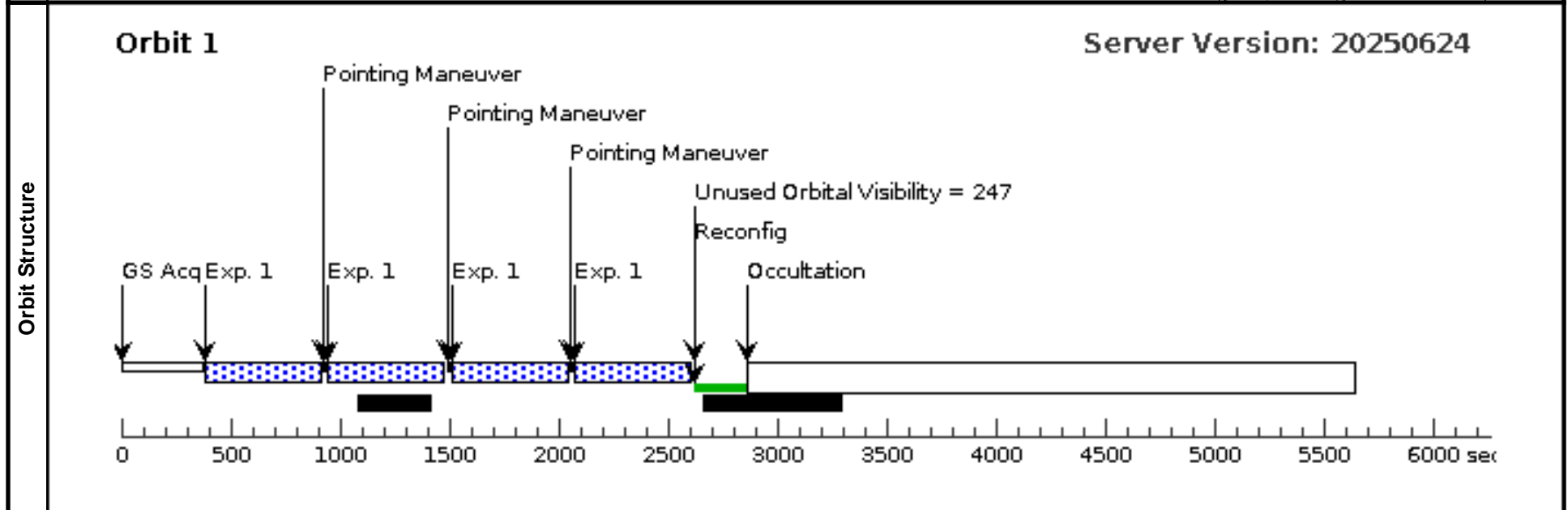
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 22, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(22)	NGC-1550 Alt Name1: PGC-14880	RA: 04 19 37.9000 (64.9079167d) Dec: +02 24 35.50 (2.40986d) Equinox: J2000	Radial Velocity: 3785.0 km/sec	V=(?) K=8.73, (J-H)=0.68	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(22) NGC-1550	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 22 (1)	502.936801 Secs (2011.747 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	



Proposal 17436 - Visit 23 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 23, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

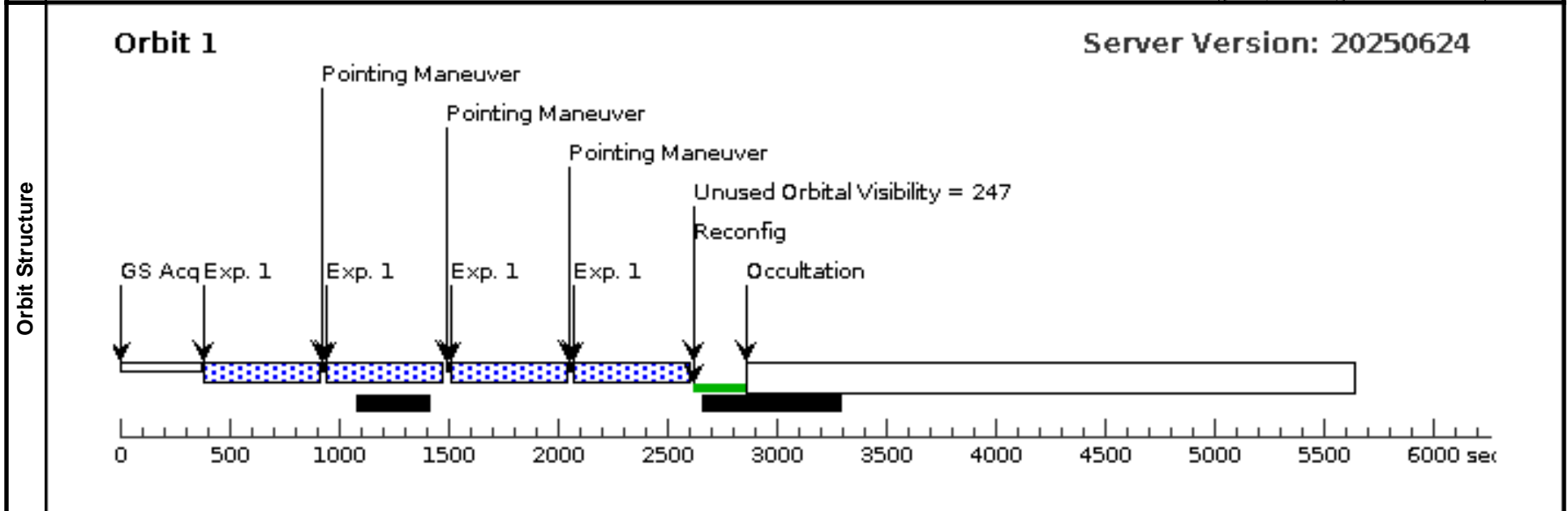
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(23)	NGC-1609	RA: 04 32 45.1000 (68.1879167d) Alt Name1: PGC-15480 Equinox: J2000	Dec: -04 22 20.60 (-4.37239d)	Radial Velocity: 4324.0 km/sec	V=(?) K=9.62, (J-H)=0.69

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(23) NGC-1609	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 23 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 24 - An Independent High-Precision Distance Ladder for Cosmology

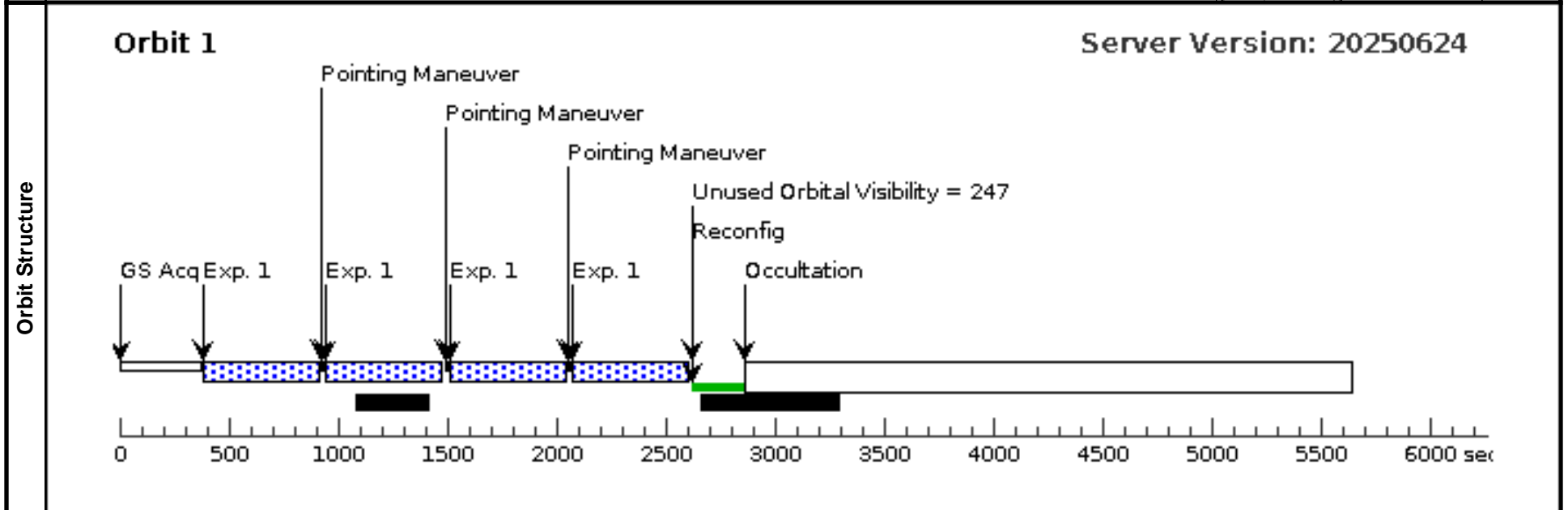
Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 24, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(24)	NGC-1682 Alt Name1: PGC-16211	RA: 04 52 19.8000 (73.0825000d) Dec: -03 06 21.00 (-3.10583d) Equinox: J2000	Radial Velocity: 4394.0 km/sec	V=(?) K=9.88, (J-H)=0.71	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(24) NGC-1682	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 24 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 25 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 25, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

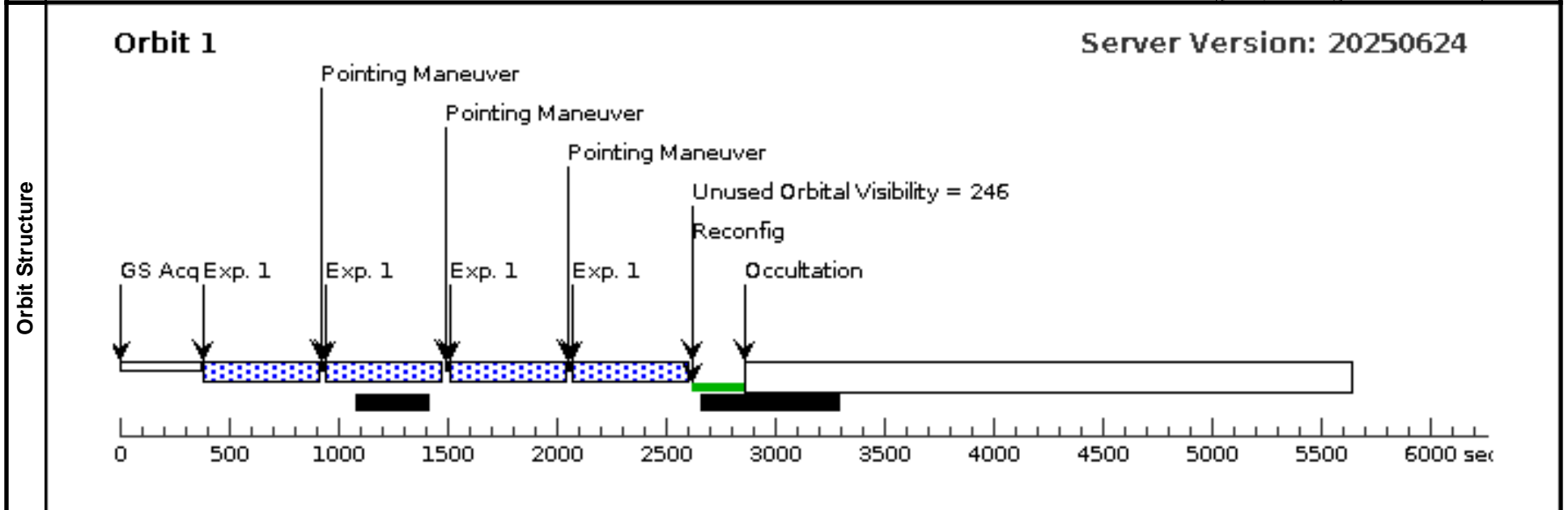
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(25)	NGC-1710	RA: 04 57 17.0700 (74.3211250d) Alt Name1: PGC-16396 Equinox: J2000	Dec: -15 17 20.40 (-15.28900d)	Radial Velocity: 5059.0 km/sec	V=(?) K=9.18, (J-H)=0.68

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(25) NGC-1710	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 25 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 26 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 26, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

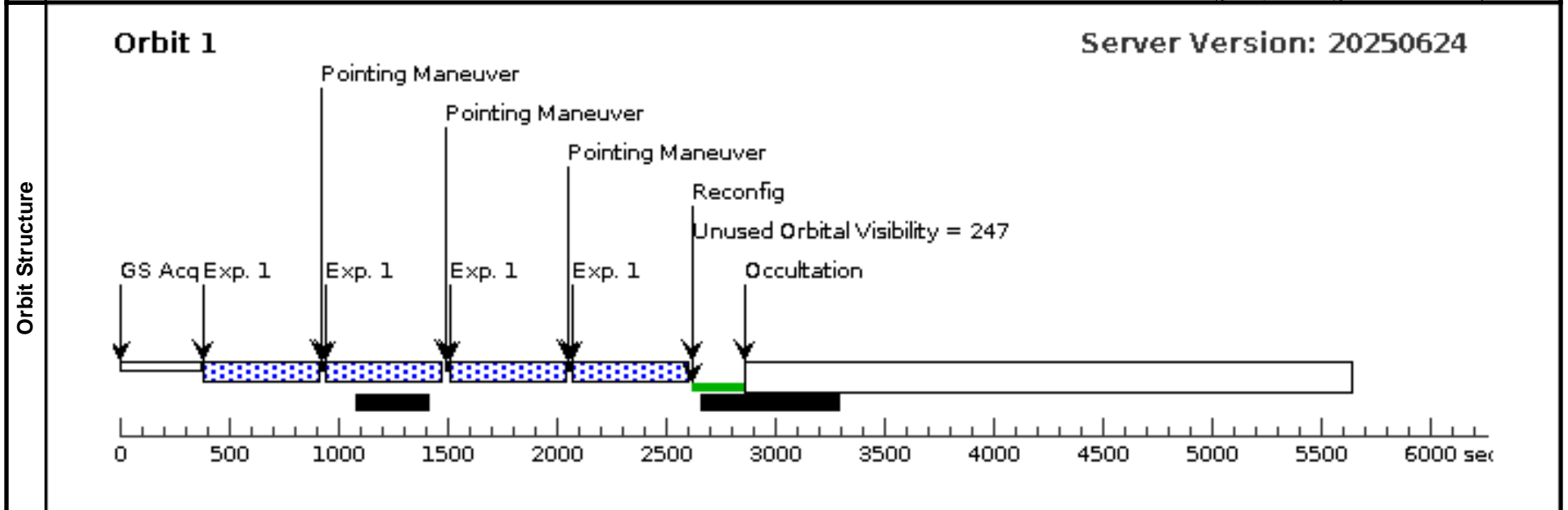
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(26)	UGC-03215 Alt Name1: PGC-16439	RA: 04 58 19.4000 (74.5808333d) Dec: +00 44 32.00 (.74222d) Equinox: J2000	Radial Velocity: 4149.0 km/sec	V=(?) K=9.63, (J-H)=0.7	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(26) UGC-03215	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 26 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 27 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:00 GMT 2025

Visit	Proposal 17436, Visit 27, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		
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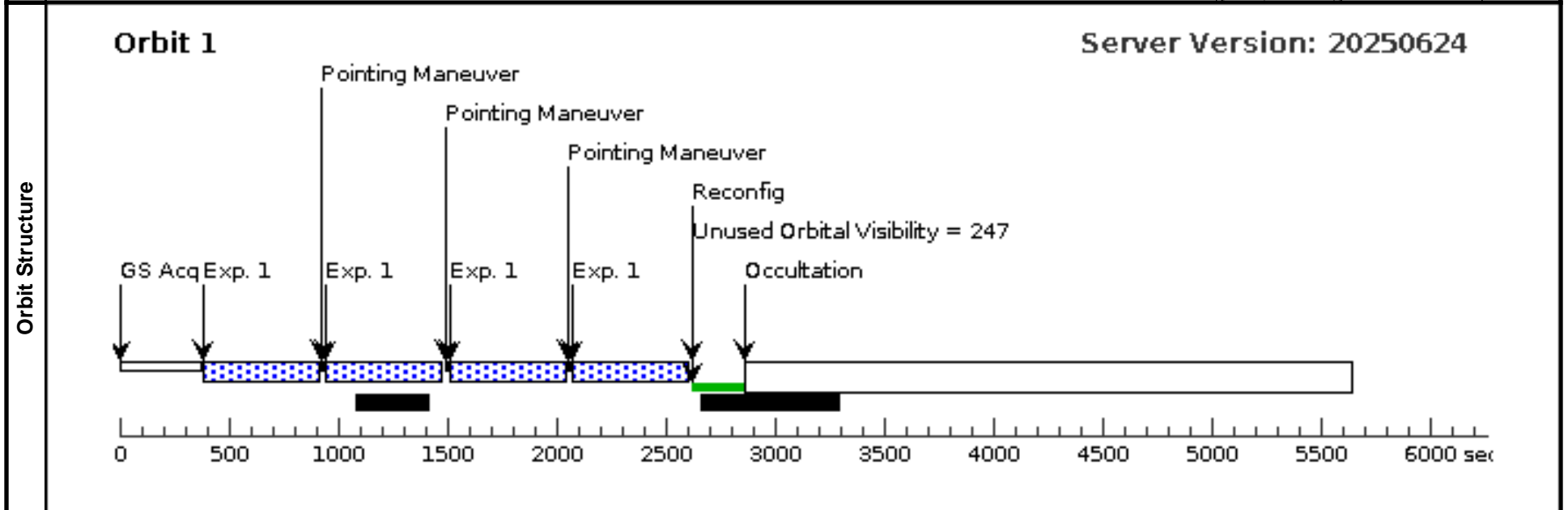
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(27)	NGC-1713 Alt Name1: PGC-16471	RA: 04 58 54.6000 (74.7275000d) Dec: -00 29 19.70 (-.48881d) Equinox: J2000	Radial Velocity: 4433.0 km/sec	V=(?) K=9.08, (J-H)=0.67	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(27) NGC-1713	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 27 (1)	502.936801 Secs (2011.747 Secs)	[1]

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 28 - An Independent High-Precision Distance Ladder for Cosmology

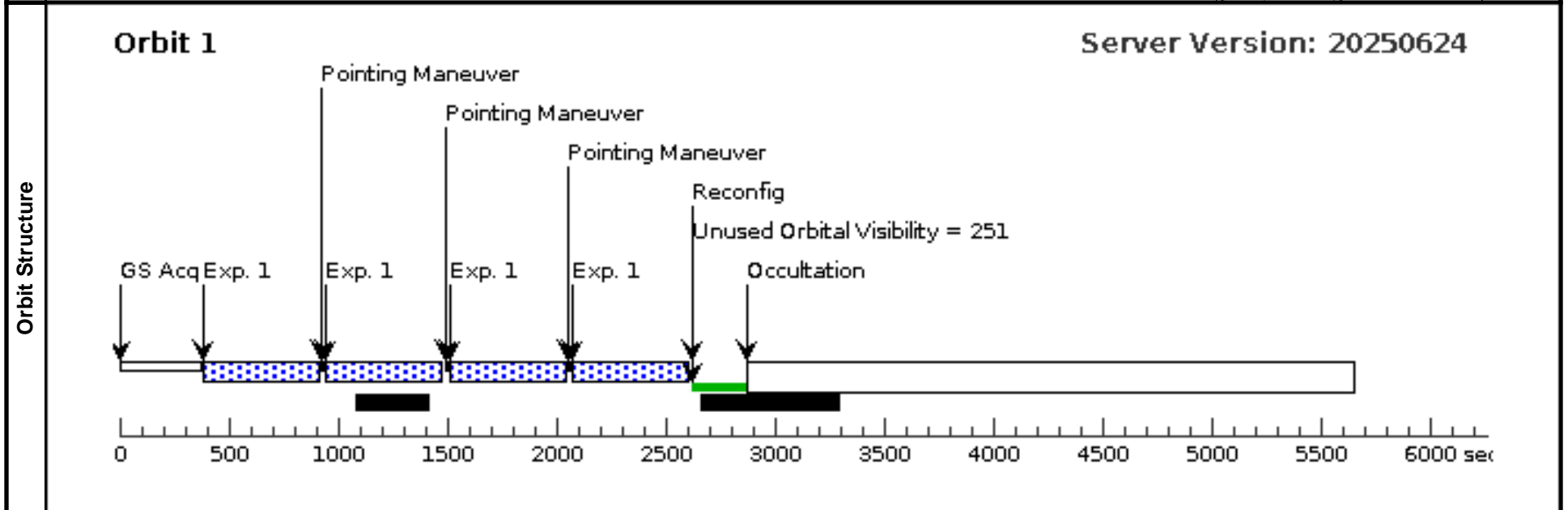
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 28, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(28)	UGC-3683 Alt Name1: PGC-20220	RA: 07 08 13.9700 (107.0582083d) Dec: +46 06 57.10 (46.11586d) Equinox: J2000	Radial Velocity: 5719.0 km/sec	V=(?) K=9.12, (J-H)=0.69	Reference Frame: NED
<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(28) UGC-3683	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 28 (1)	502.936801 Secs (2011.747 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 29 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 29, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		
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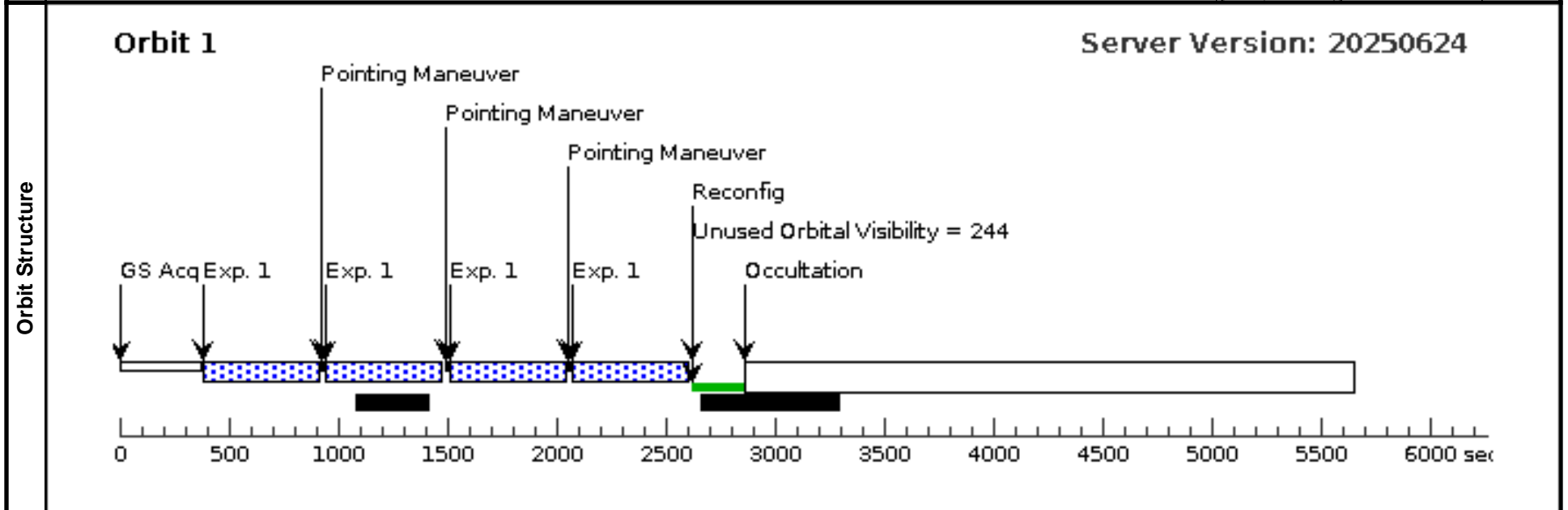
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(29)	NGC-2563 Alt Name1: PGC-23404	RA: 08 20 35.7000 (125.1487500d) Dec: +21 04 4.30 (21.06786d) Equinox: J2000	Radial Velocity: 4509.0 km/sec	V=(?) K=8.99, (J-H)=0.67	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(29) NGC-2563	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 29 (1)	502.936801 Secs (2011.747 Secs)	[1]

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]

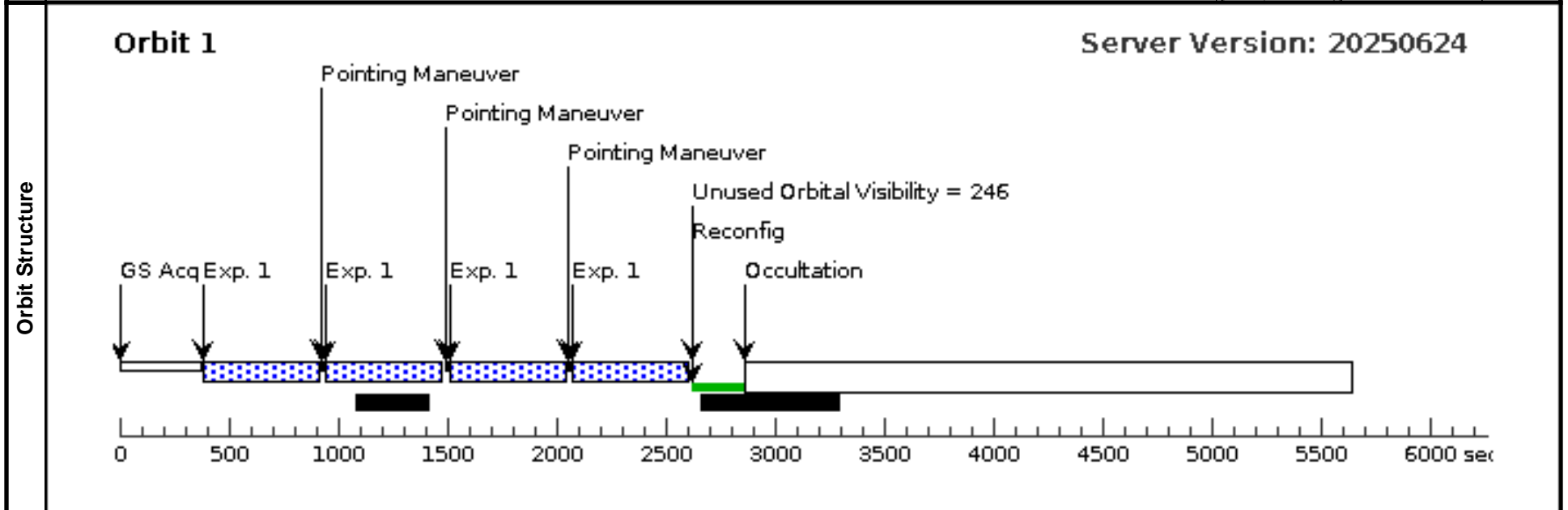


Visit	Proposal 17436, Visit 30, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(30)	IC-2437 Alt Name1: PGC-25518	RA: 09 05 33.1070 (136.3879458d) Dec: -19 12 25.57 (-19.20710d) Equinox: J2000	Radial Velocity: 5272.0 km/sec	V=(?) K=9.34, (J-H)=0.69	Reference Frame: NED
Comments: Category=GALAXY Description=[LENTICULAR] Extended=YES						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(30) IC-2437	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 30 (1)	502.936801 Secs (2011.747 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



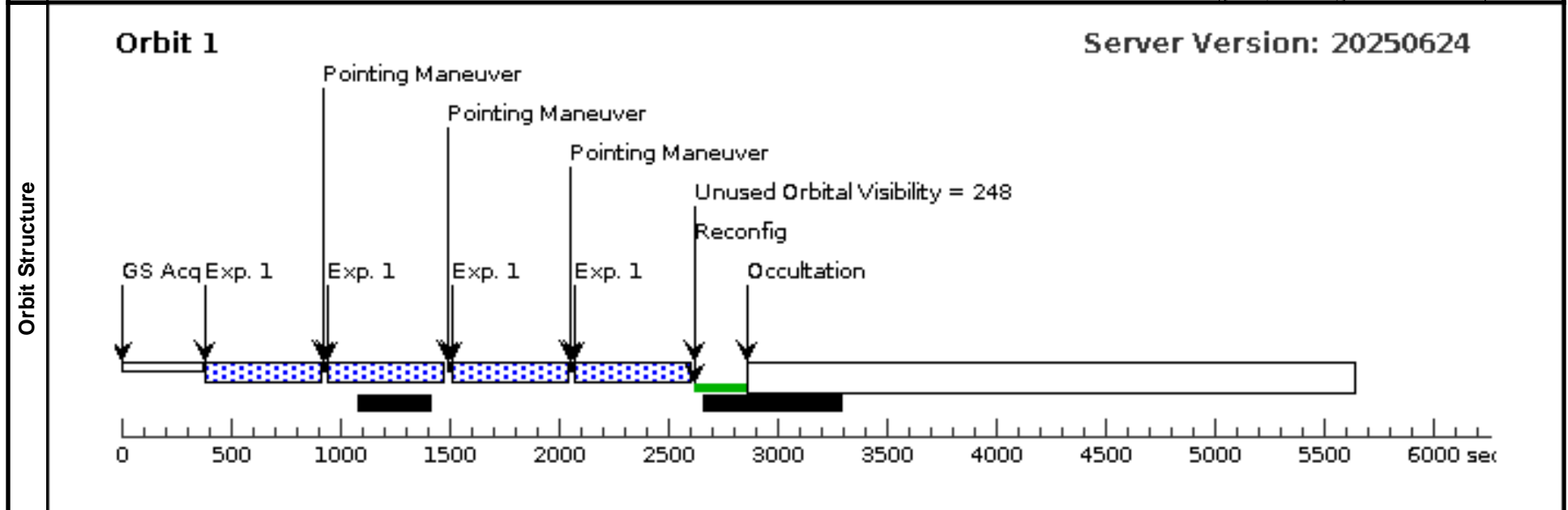
Visit	Proposal 17436, Visit 31, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(31)	NGC-3260 Alt Name1: PGC-30875	RA: 10 29 6.5000 (157.2770833d) Dec: -35 35 42.50 (-35.59514d) Equinox: J2000	Radial Velocity: 2424.0 km/sec	V=(?) K=9.39, (J-H)=0.67	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(31) NGC-3260	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 31 (1)	502.936801 Secs (2011.747 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]

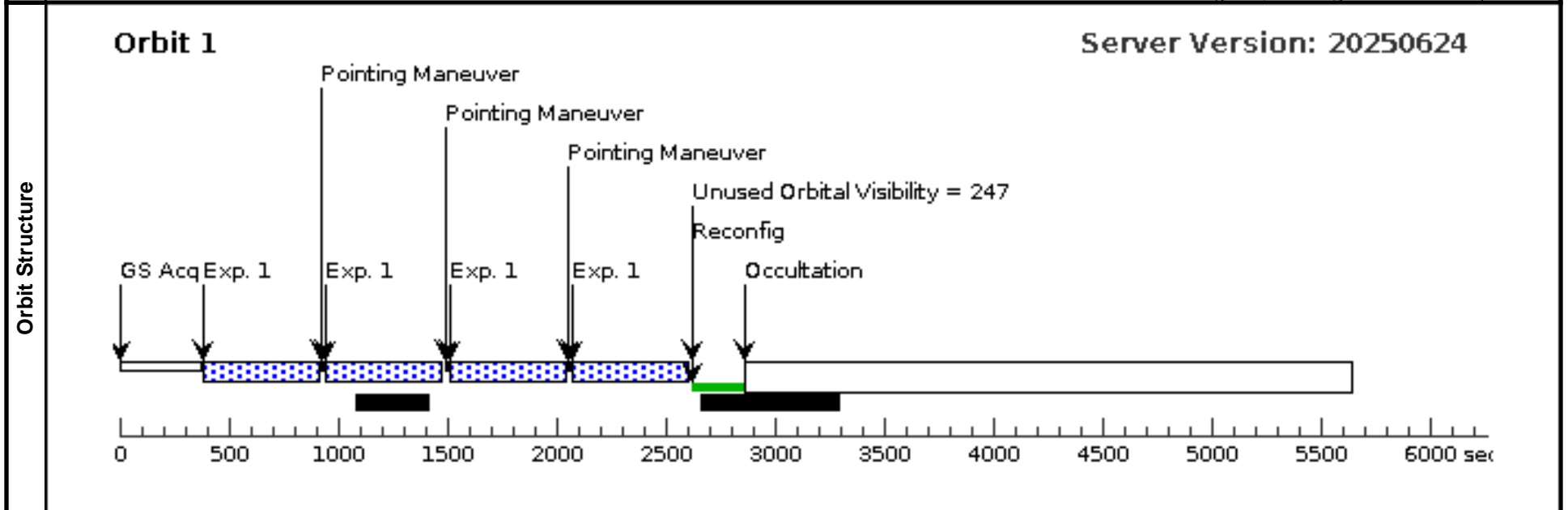


Visit	Proposal 17436, Visit 32, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(32)	NGC-3402	RA: 10 50 26.4700 (162.6102917d) Dec: -12 50 40.60 (-12.84461d) Equinox: J2000	Radial Velocity: 4579.0 km/sec	V=(?) K=8.9, (J-H)=0.68	Reference Frame: NED
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(32) NGC-3402	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 32 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 33 - An Independent High-Precision Distance Ladder for Cosmology

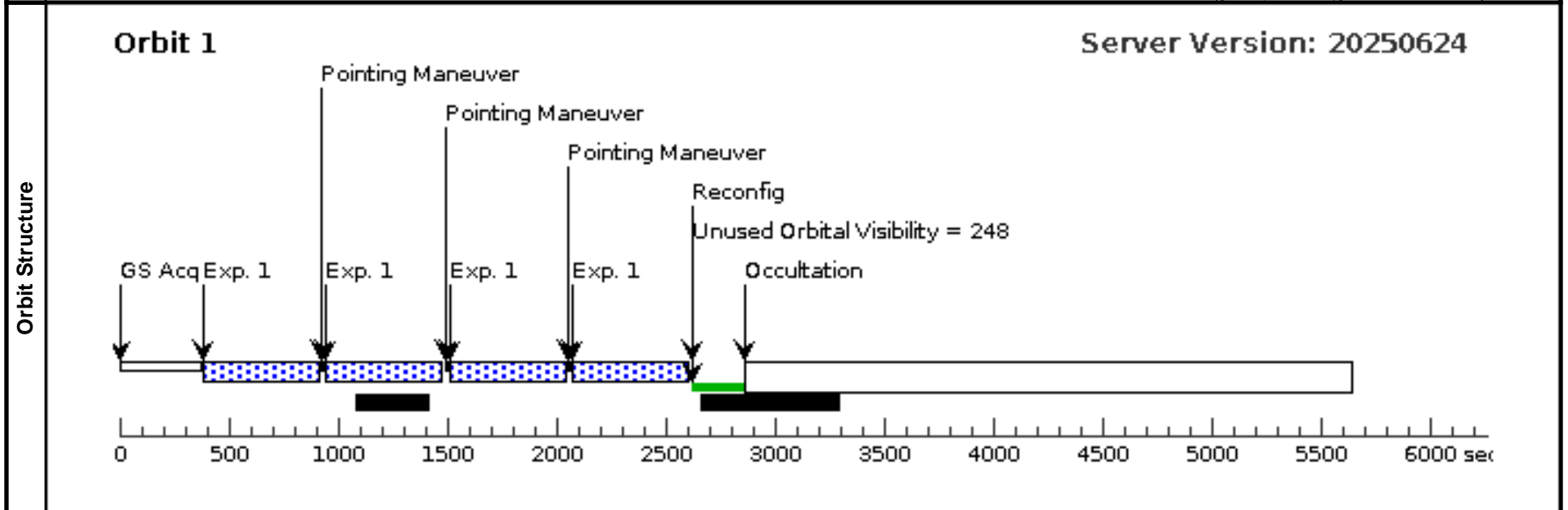
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 33, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(33)	NGC-3557	RA: 11 09 57.7000 (167.4904167d) Dec: -37 32 21.30 (-37.53925d) Equinox: J2000	Radial Velocity: 3057.0 km/sec	V=(?) K=7.15, (J-H)=0.62	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(33) NGC-3557	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 33 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 34 - An Independent High-Precision Distance Ladder for Cosmology

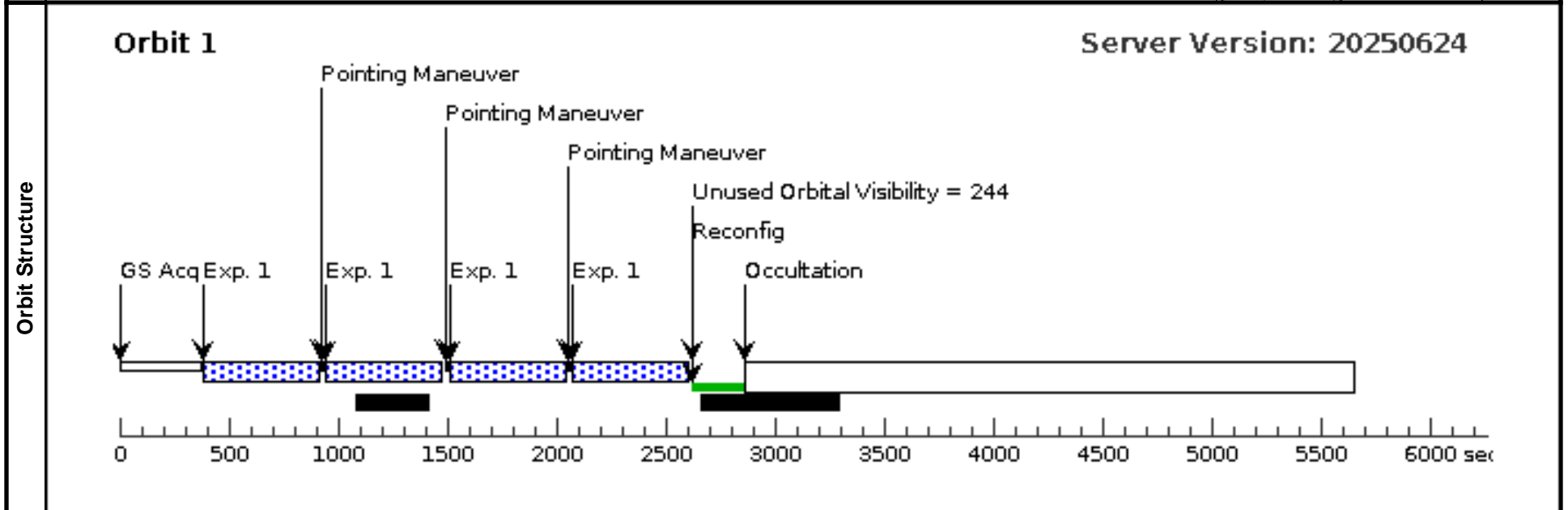
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 34, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(34)	NGC-3923	RA: 11 51 1.6940 (177.7570583d)	Radial Velocity: 1739.0 km/sec	V=(?) K=6.47, (J-H)=0.64	Reference Frame: NED
		Alt Name1: PGC-37061	Dec: -28 48 21.66 (-28.80602d)			
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(34) NGC-3923	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 34 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 35 - An Independent High-Precision Distance Ladder for Cosmology

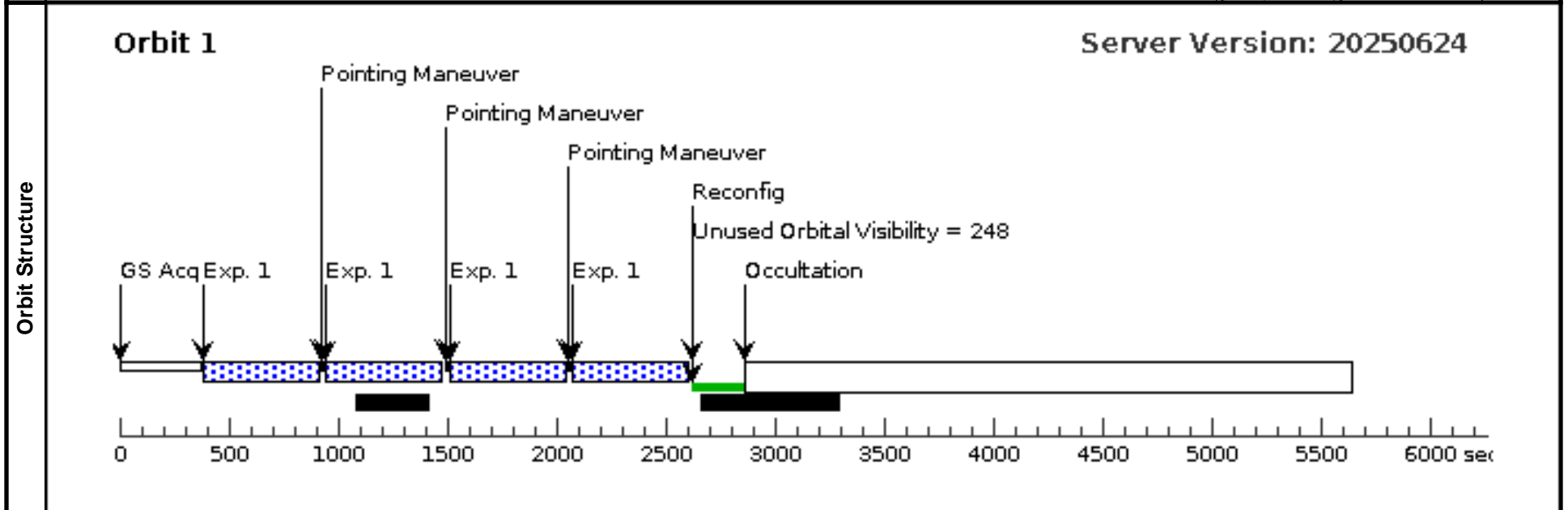
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 35, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(35)	IC-3370	RA: 12 27 37.1000 (186.9045833d) Dec: -39 20 16.50 (-39.33792d) Equinox: J2000	Radial Velocity: 2938.0 km/sec	V=(?) K=7.82, (J-H)=0.69	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(35) IC-3370	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 35 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 36 - An Independent High-Precision Distance Ladder for Cosmology

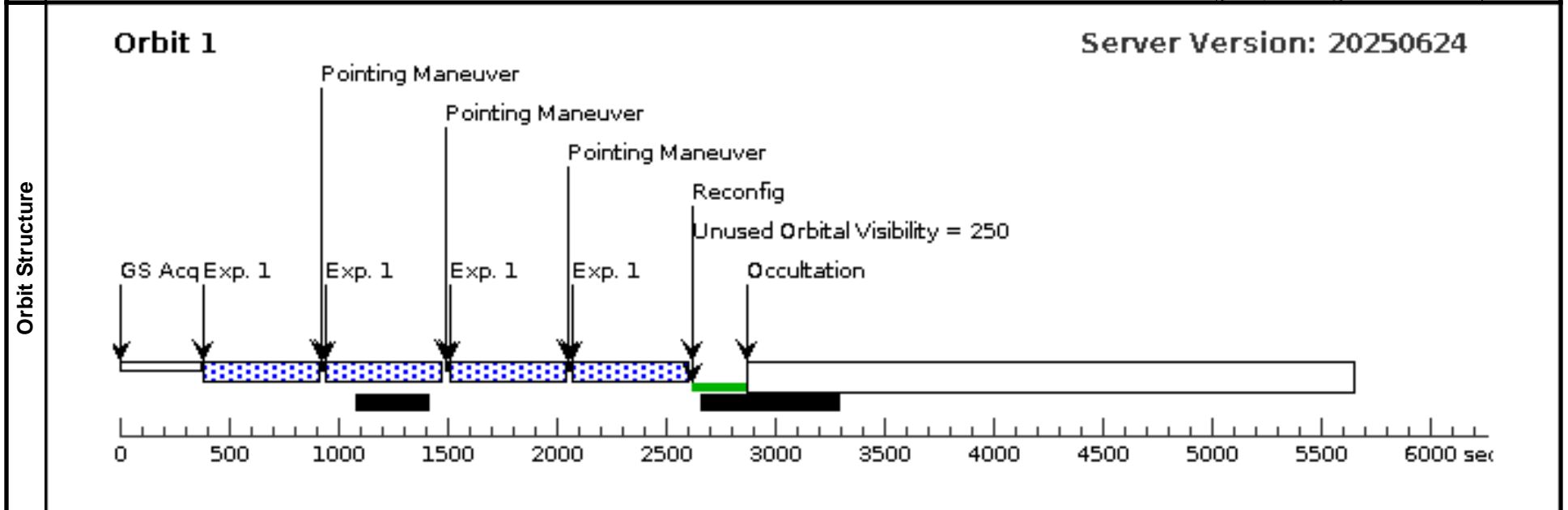
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 36, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(36)	NGC-4696	RA: 12 48 49.2504 (192.2052100d) Dec: -41 18 38.99 (-41.31083d) Equinox: J2000	Radial Velocity: 2958.0 km/sec	V=(?) K=7.1, (J-H)=0.69	Reference Frame: NED
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(36) NGC-4696	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 36 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 38 - An Independent High-Precision Distance Ladder for Cosmology

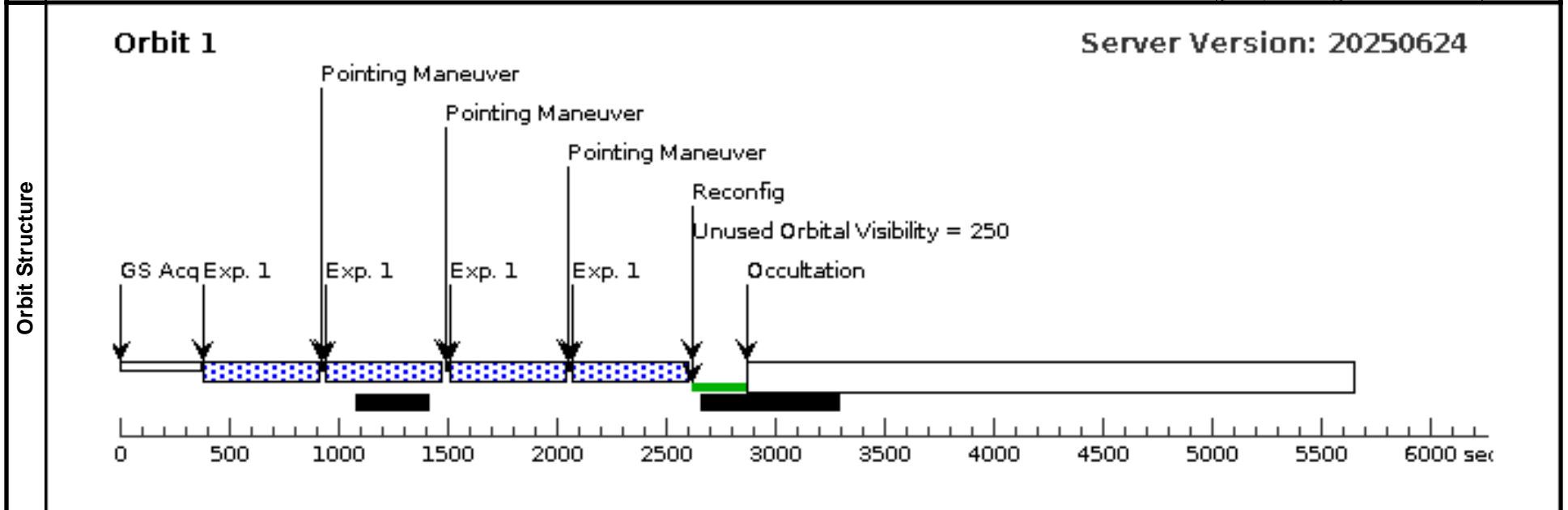
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 38, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(38)	NGC-4709	RA: 12 50 3.9000 (192.5162500d) Dec: -41 22 55.30 (-41.38203d) Equinox: J2000	Radial Velocity: 4673.0 km/sec	V=(?) K=7.97, (J-H)=0.68	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(38) NGC-4709	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 38 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 41 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 41, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

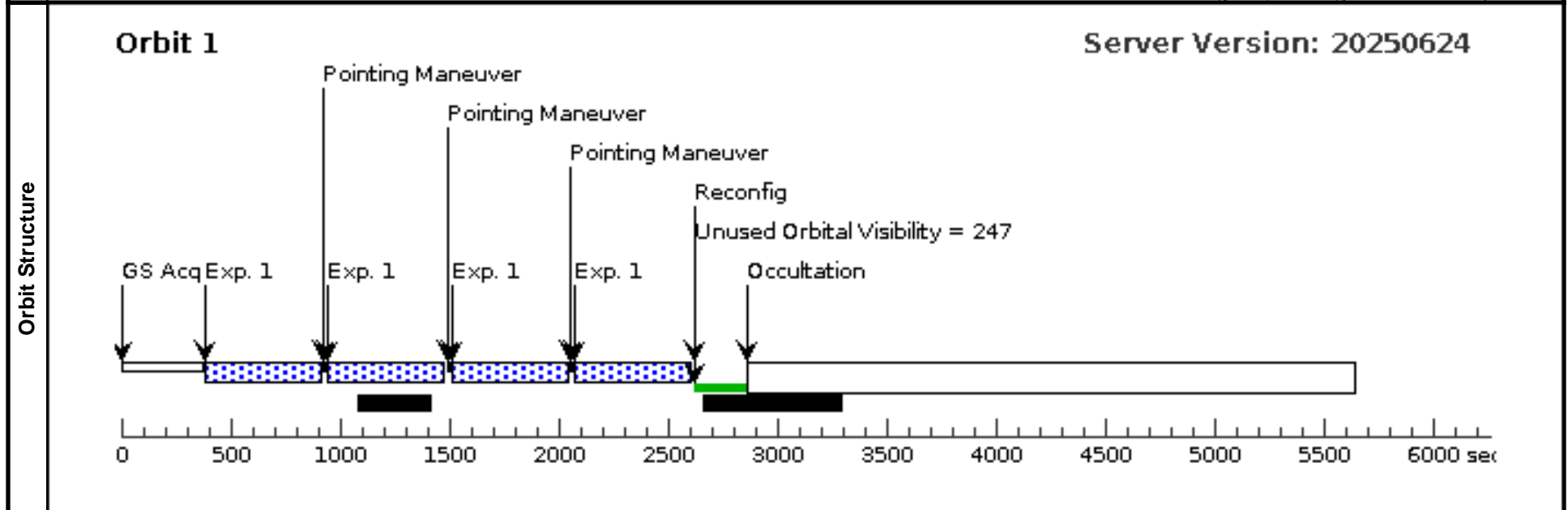
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(41)	NGC-4739 Alt Name1: PGC-43571	RA: 12 51 37.1000 (192.9045833d) Dec: -08 24 37.00 (-8.41028d) Equinox: J2000	Radial Velocity: 3782.0 km/sec	V=(?) K=9.2, (J-H)=0.71	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(41) NGC-4739	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 41 (1)	502.936801 Secs (2011.747 Secs)	[1]

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 42 - An Independent High-Precision Distance Ladder for Cosmology

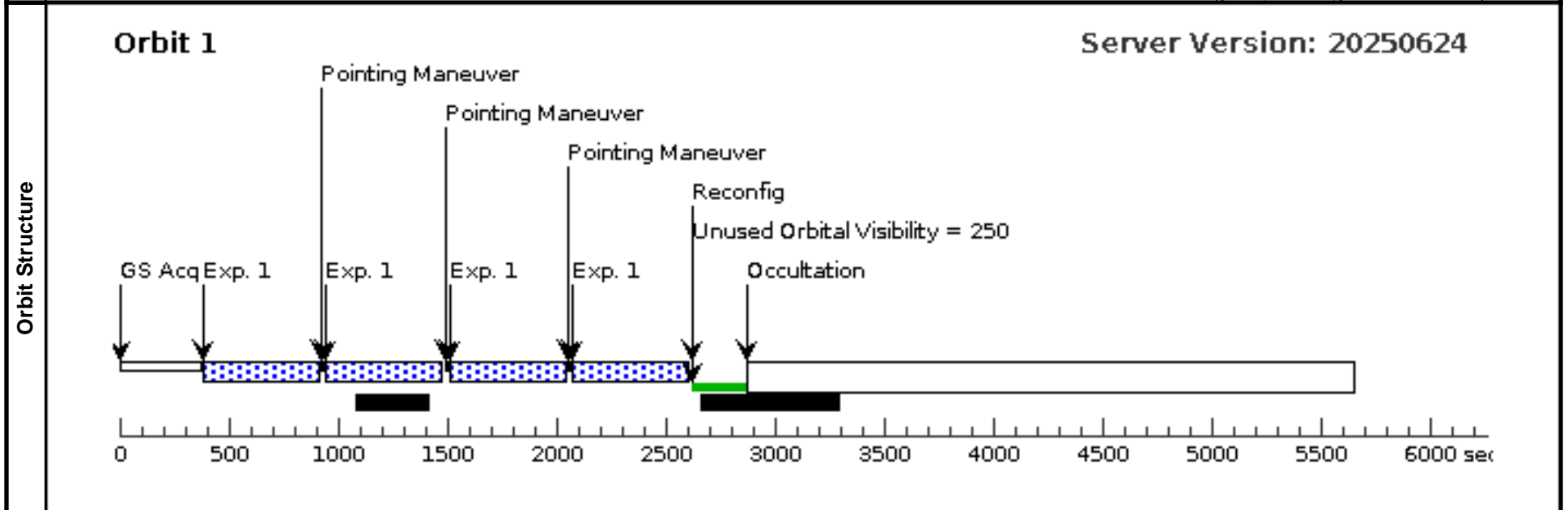
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 42, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(42)	NGC-4729 Alt Name1: PGC-43591	RA: 12 51 46.3000 (192.9429167d) Dec: -41 07 56.10 (-41.13225d) Equinox: J2000	Radial Velocity: 3338.0 km/sec	V=(?) K=8.9, (J-H)=0.67	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(42) NGC-4729	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 42 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 43 - An Independent High-Precision Distance Ladder for Cosmology

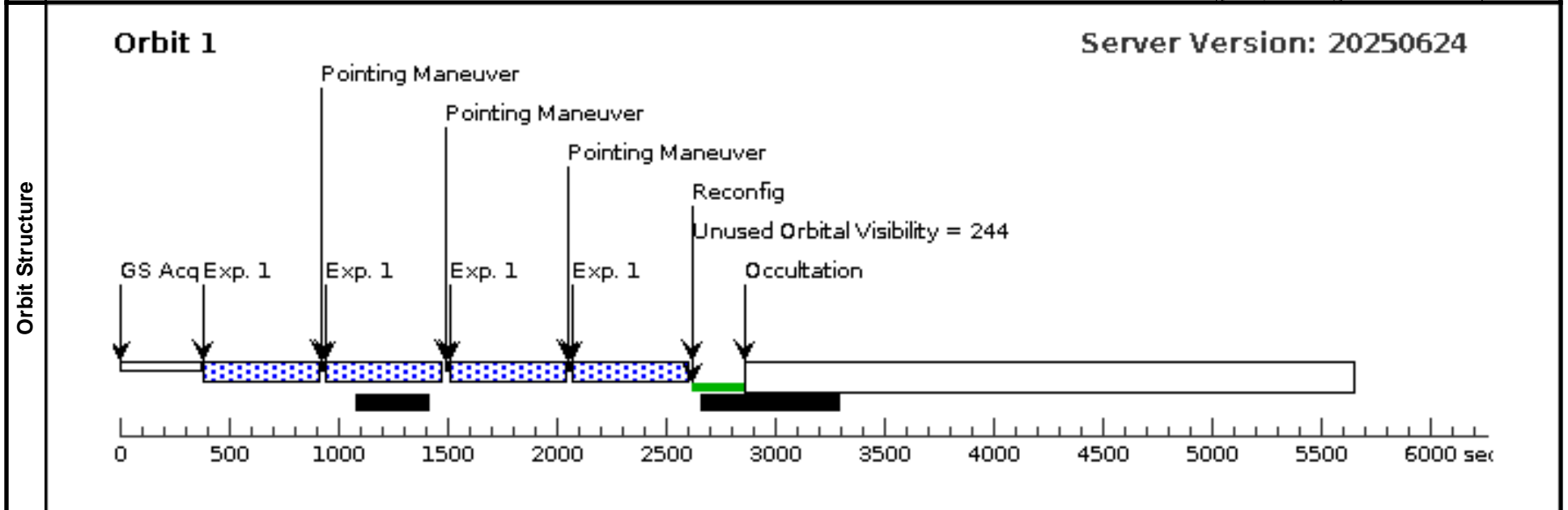
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 43, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(43)	ESO-507-G032	RA: 12 52 14.8000 (193.0616667d)	Radial Velocity: 3467.0 km/sec	V=(?) K=9.26, (J-H)=0.68	Reference Frame: ICRS
		Alt Name1: PGC-43649	Dec: -26 18 13.80 (-26.30383d)			
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(43) ESO-507-G032	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 43 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]

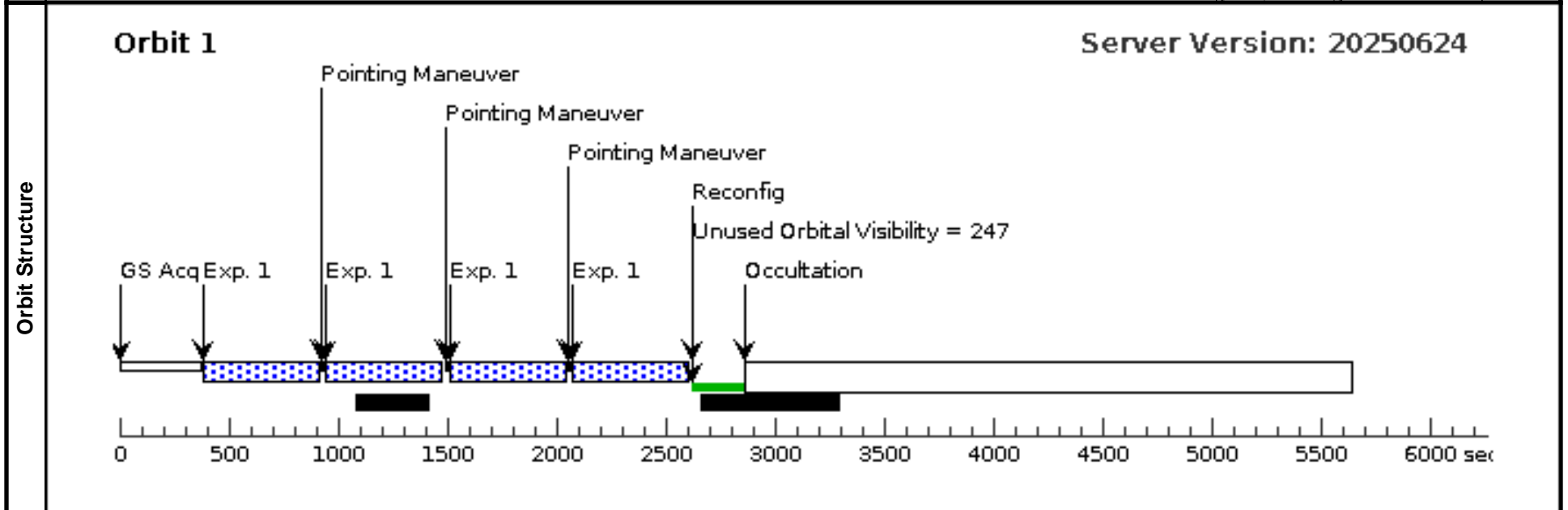


Visit	Proposal 17436, Visit 44, scheduling			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(44)	NGC-4759 Alt Name1: PGC-43757	RA: 12 53 5.2000 (193.2716667d) Dec: -09 12 8.00 (-9.20222d) Equinox: J2000	Radial Velocity: 3897.0 km/sec	V=(?) K=8.62, (J-H)=0.68	Reference Frame: NED
<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(44) NGC-4759	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 44 (1)	502.936801 Secs (2011.747 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 45 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

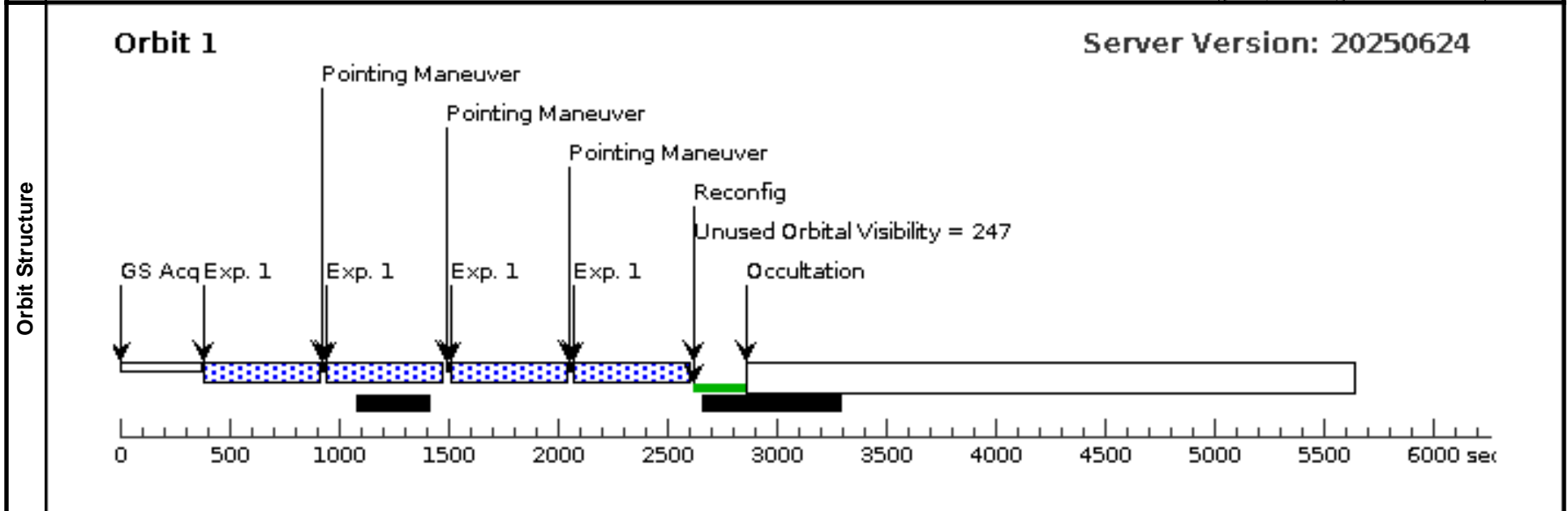
Visit	Proposal 17436, Visit 45, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(45)	NGC-4760 Alt Name1: PGC-43763	RA: 12 53 7.2000 (193.2800000d) Dec: -10 29 39.00 (-10.49417d) Equinox: J2000	Radial Velocity: 4720.0 km/sec	V=(?) K=8.54, (J-H)=0.67	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(45) NGC-4760	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 45 (1)	502.936801 Secs (2011.747 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]



Proposal 17436 - Visit 47 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 47, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

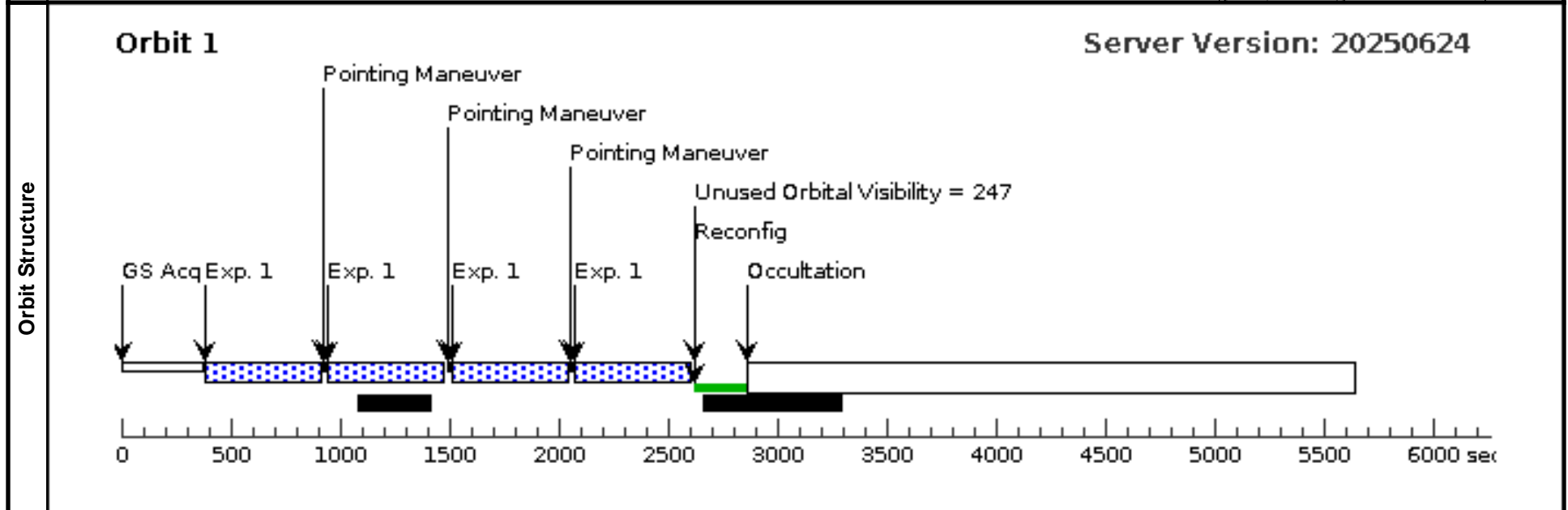
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(47)	NGC-4782	RA: 12 54 36.1000 (193.6504167d) Dec: -12 33 47.40 (-12.56317d) Equinox: J2000	Radial Velocity: 4542.0 km/sec	V=(?) K=8.06, (J-H)=0.71	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(47) NGC-4782	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 47 (1)	502.936801 Secs (2011.747 Secs)	[1]

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 48 - An Independent High-Precision Distance Ladder for Cosmology

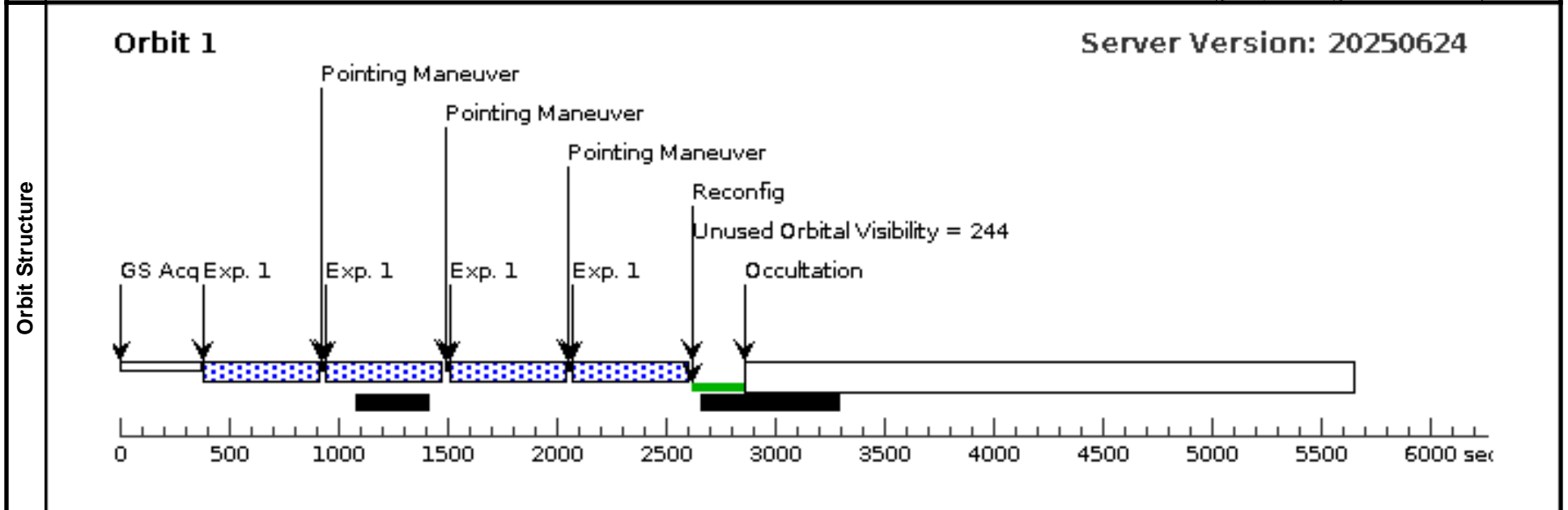
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 48, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(48)	ESO-507-G045	RA: 12 55 35.6900 (193.8987083d)	Radial Velocity: 4875.0 km/sec	V=(?) K=8.86, (J-H)=0.7	Reference Frame: NED
		Alt Name1: PGC-44057	Dec: -26 49 30.20 (-26.82506d)			
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(48) ESO-507-G045	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 48 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 49 - An Independent High-Precision Distance Ladder for Cosmology

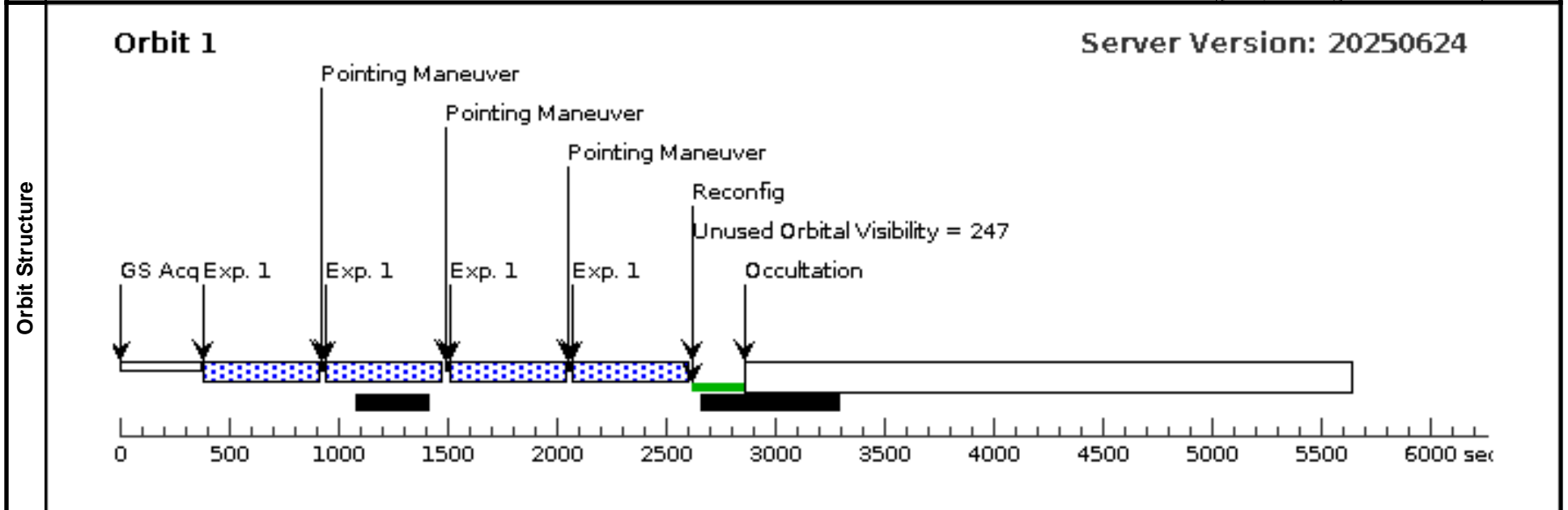
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 49, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(49)	ESO-443-G024	RA: 13 01 0.8000 (195.2533333d) Dec: -32 26 28.90 (-32.44136d) Equinox: J2000	Radial Velocity: 5115.0 km/sec	V=(?) K=8.48, (J-H)=0.69	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(49) ESO-443-G024	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 49 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 50 - An Independent High-Precision Distance Ladder for Cosmology

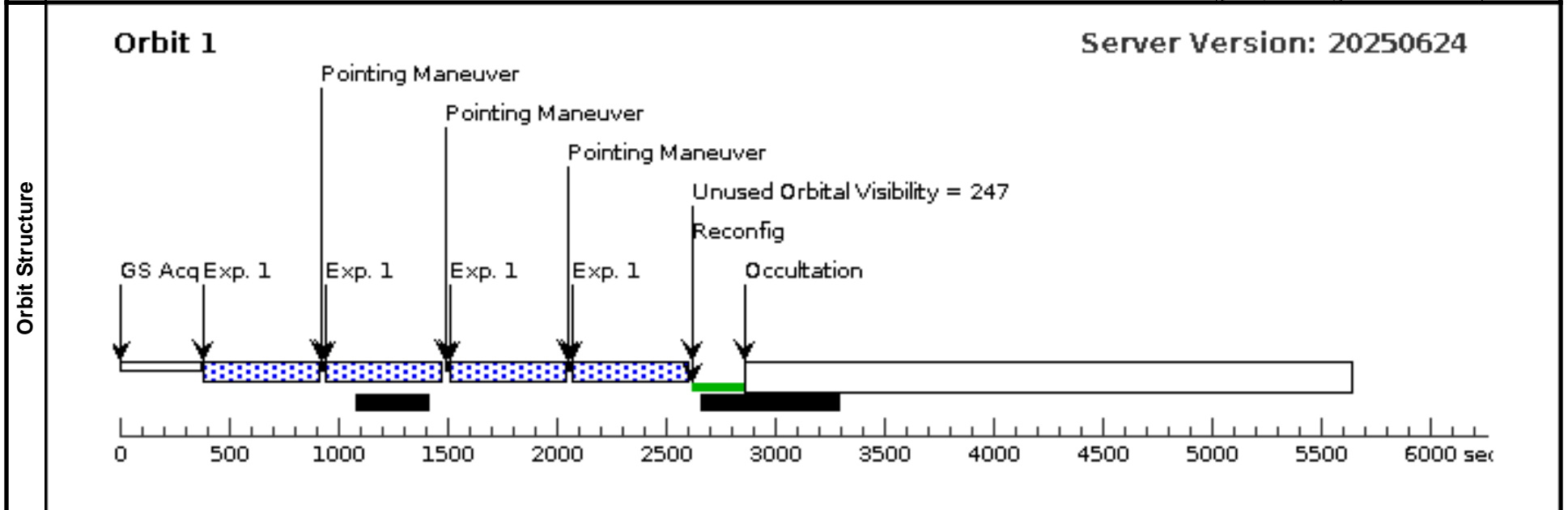
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 50, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(50)	IC-3986	RA: 13 01 32.1000 (195.3837500d) Dec: -32 17 27.80 (-32.29106d) Equinox: J2000	Radial Velocity: 4628.0 km/sec	V=(?) K=8.81, (J-H)=0.68	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(50) IC-3986	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 50 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 52 - An Independent High-Precision Distance Ladder for Cosmology

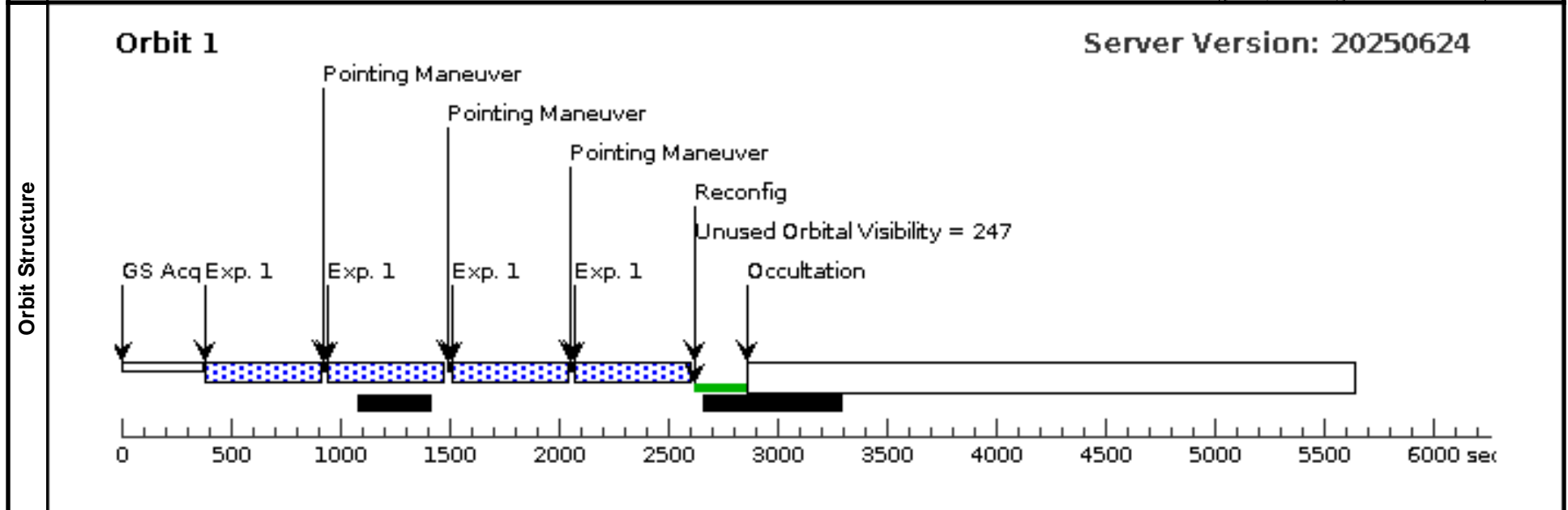
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 52, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(52)	NGC-4936 Alt Name1: PGC-45174	RA: 13 04 17.0000 (196.0708333d) Dec: -30 31 34.40 (-30.52622d) Equinox: J2000	Radial Velocity: 3095.0 km/sec	V=(?) K=7.7, (J-H)=0.68	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(52) NGC-4936	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 52 (1)	502.936801 Secs (2011.747 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 53 - An Independent High-Precision Distance Ladder for Cosmology

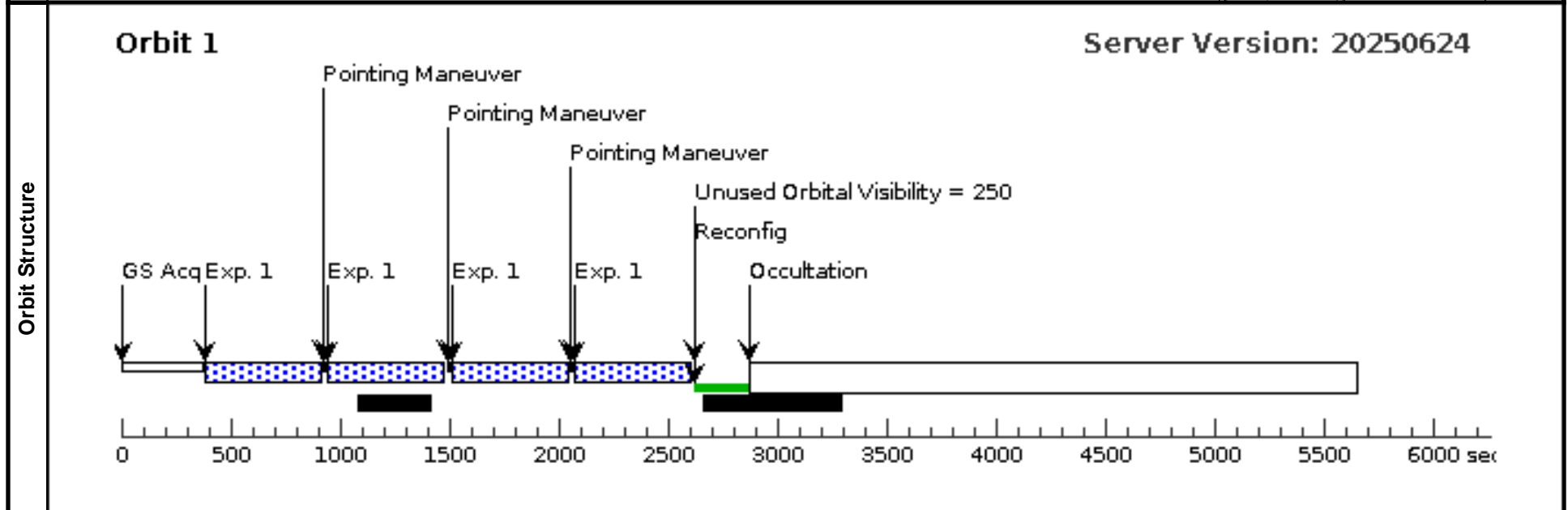
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 53, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(53)	NGC-5011	RA: 13 12 51.9000 (198.2162500d) Dec: -43 05 46.10 (-43.09614d) Equinox: J2000	Radial Velocity: 3127.0 km/sec	V=(?) K=8.11, (J-H)=0.66	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(53) NGC-5011	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 53 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 54 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 54, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

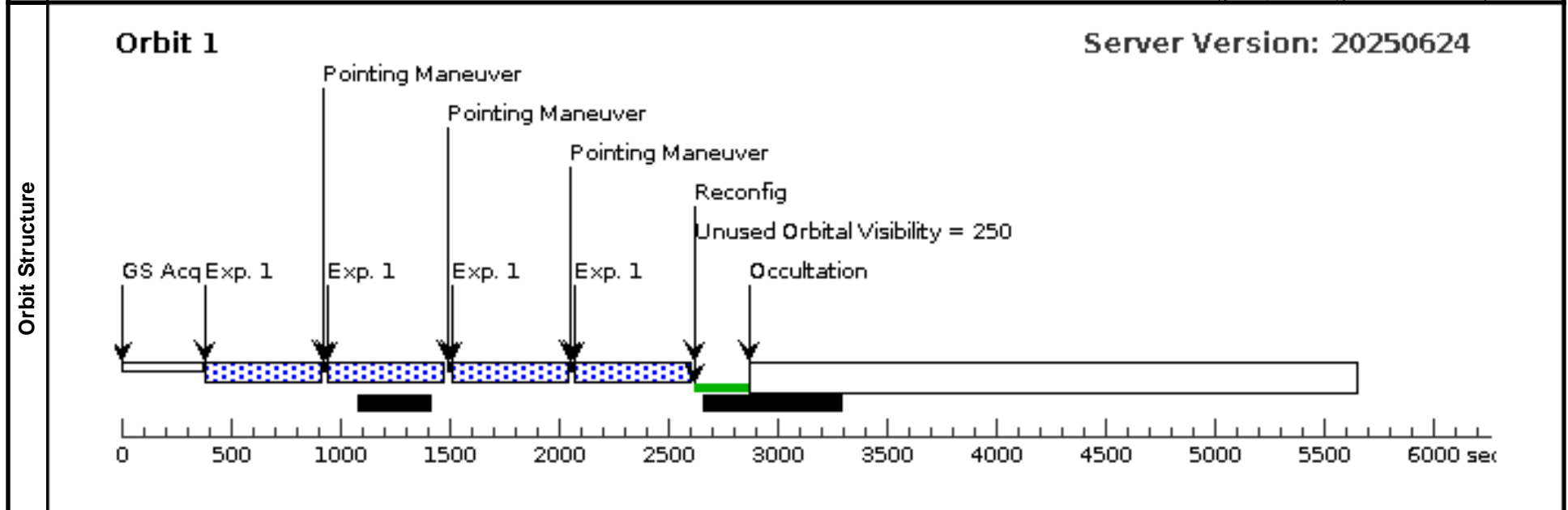
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(54)	ESO-269-G072 Alt Name1: PGC-45960	RA: 13 13 33.8000 (198.3908333d) Dec: -43 31 34.10 (-43.52614d) Equinox: J2000	Radial Velocity: 3140.0 km/sec	V=(?) K=9.45, (J-H)=0.69	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(54) ESO-269-G072	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 54 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 55 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 55, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

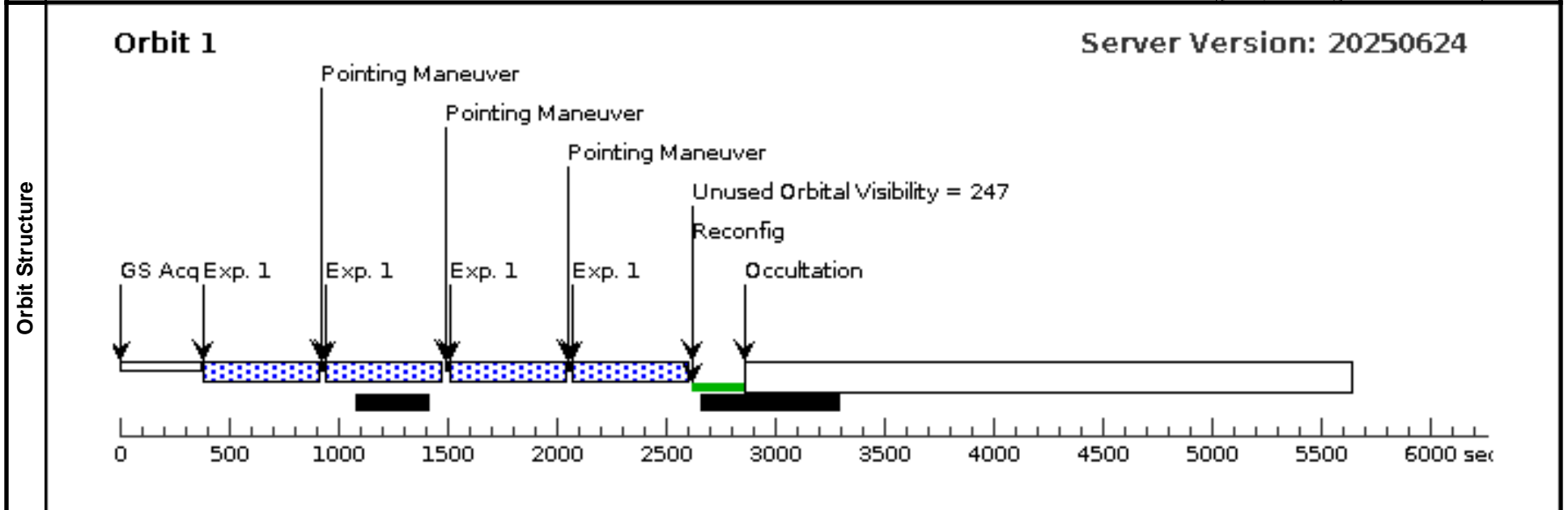
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(55)	NGC-5140 Alt Name1: PGC-47031	RA: 13 26 21.7000 (201.5904167d) Dec: -33 52 6.70 (-33.86853d) Equinox: J2000	Radial Velocity: 3867.0 km/sec	V=? K=8.6, (J-H)=0.67	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(55) NGC-5140	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 55 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
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 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 56 - An Independent High-Precision Distance Ladder for Cosmology

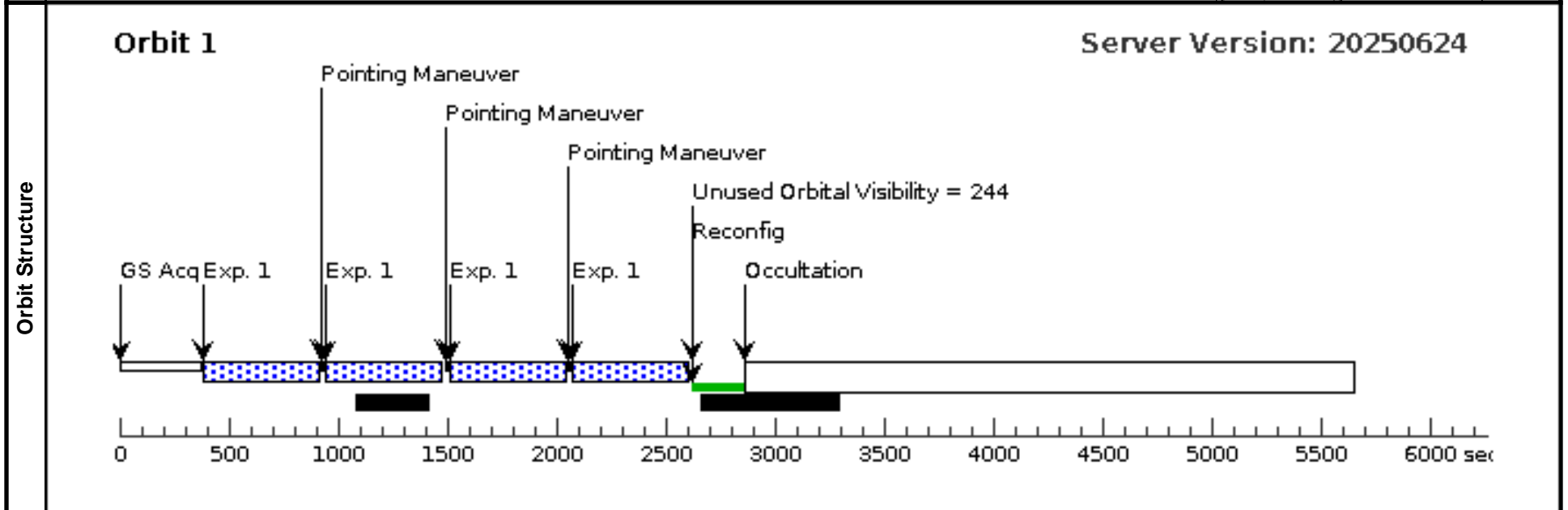
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 56, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(56)	ESO-576-G066	RA: 13 29 55.8000 (202.4825000d) Dec: -20 41 4.40 (-20.68456d) Equinox: J2000	Radial Velocity: 5279.0 km/sec	V=(?) K=9.64, (J-H)=0.73	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(56) ESO-576-G066	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 56 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 57 - An Independent High-Precision Distance Ladder for Cosmology

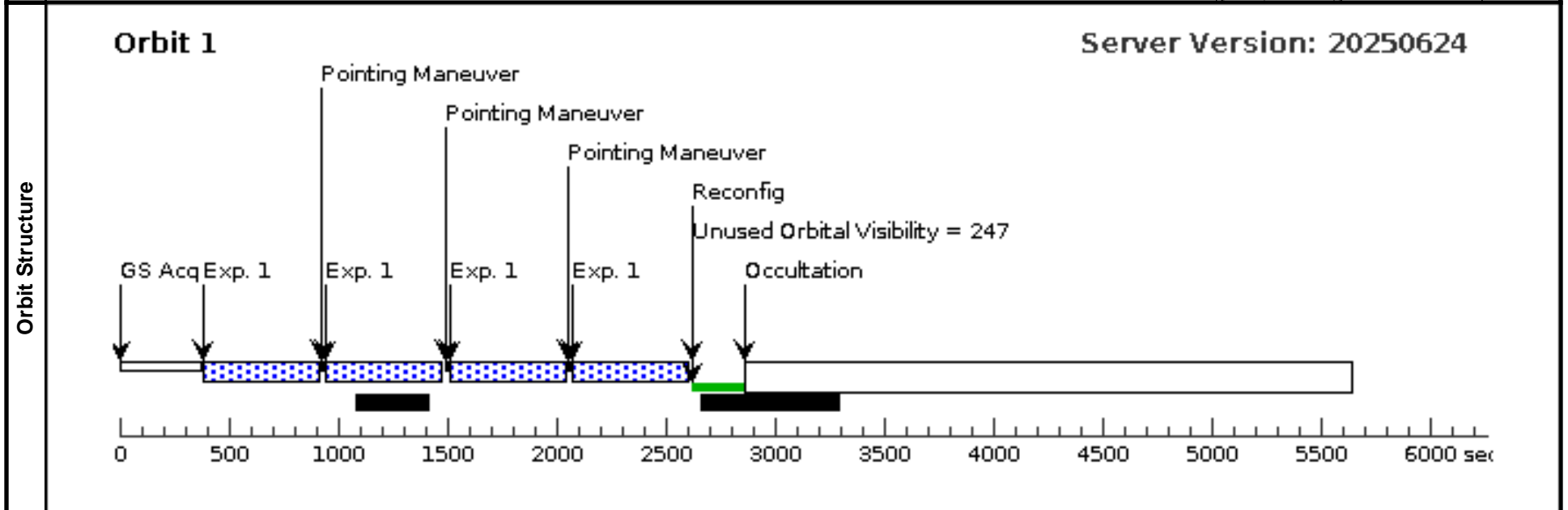
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 57, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(57)	NGC-5193 Alt Name1: PGC-47582	RA: 13 31 53.5000 (202.9729167d) Dec: -33 14 2.10 (-33.23392d) Equinox: J2000	Radial Velocity: 3734.0 km/sec	V=(?) K=8.66, (J-H)=0.69	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(57) NGC-5193	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 57 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 58 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 58, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

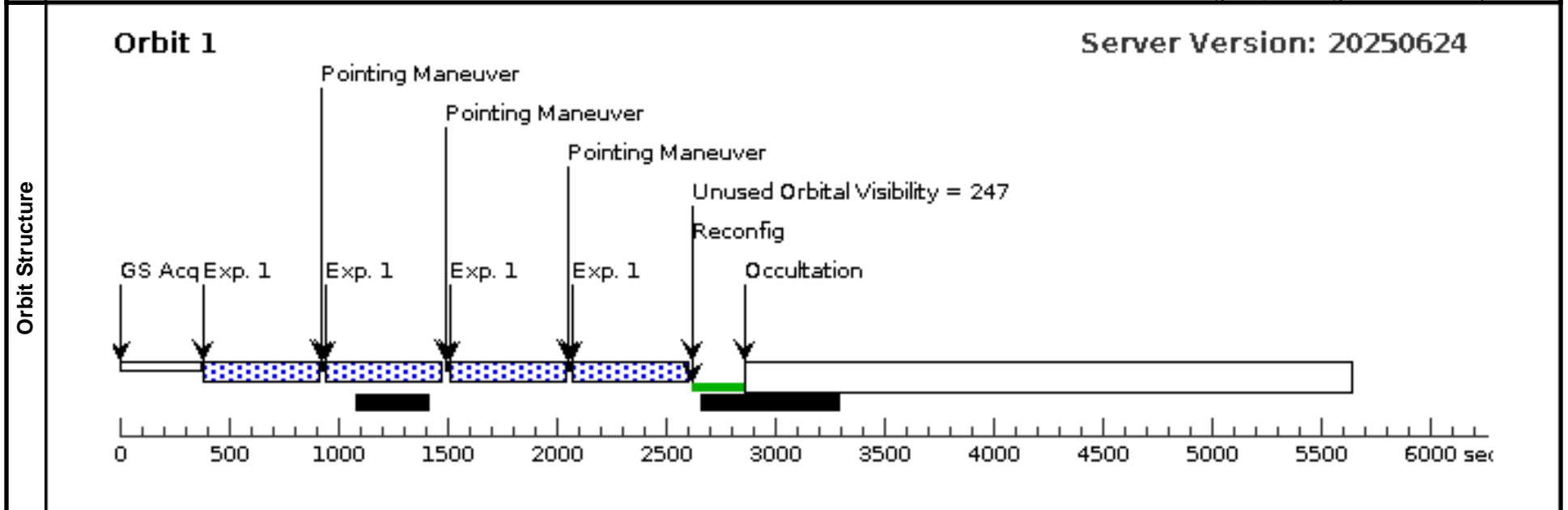
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(58)	IC-4296 Alt Name1: PGC-48040	RA: 13 36 39.1000 (204.1629167d) Dec: -33 57 57.00 (-33.96583d) Equinox: J2000	Radial Velocity: 3781.0 km/sec	V=(?) K=7.48, (J-H)=0.7	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(58) IC-4296	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 58 (1)	502.936801 Secs (2011.747 Secs)	[1]

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]

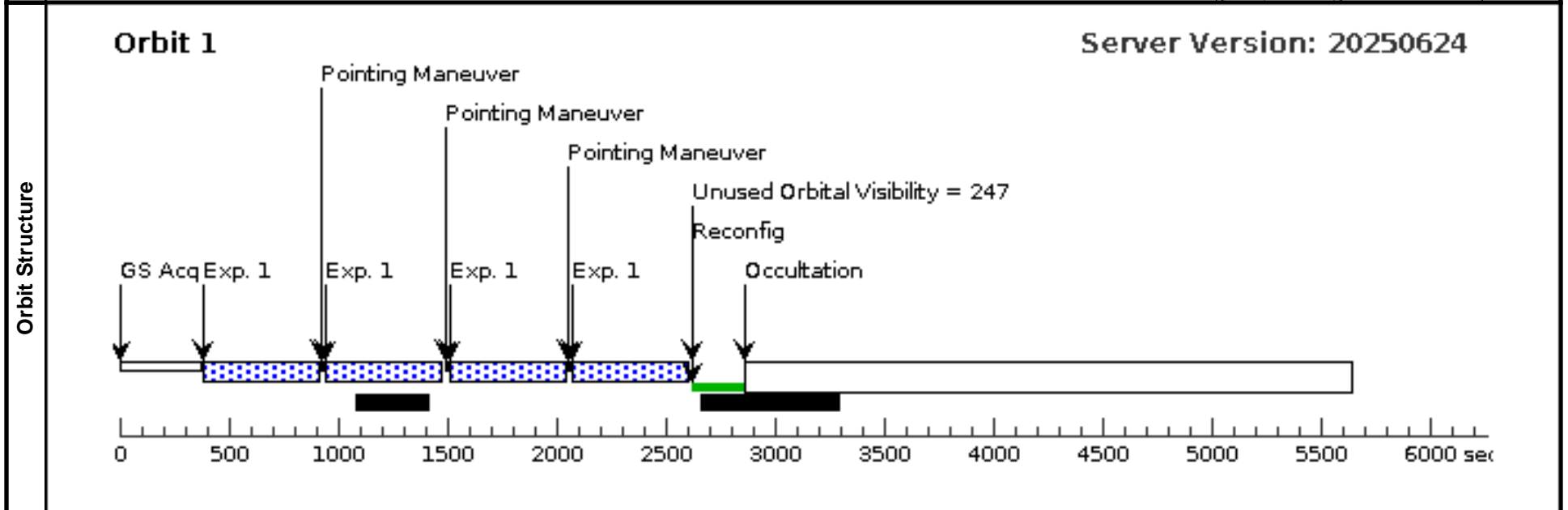


Visit	Proposal 17436, Visit 59, scheduling			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(59)	ESO-445-G002	RA: 13 39 23.5000 (204.8479167d) Alt Name1: PGC-48287	Dec: -30 46 27.20 (-30.77422d) Equinox: J2000	Radial Velocity: 4342.0 km/sec	V=(?) K=8.39, (J-H)=0.66
<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(59) ESO-445-G002	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 59 (1)	502.936801 Secs (2011.747 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 61 - An Independent High-Precision Distance Ladder for Cosmology

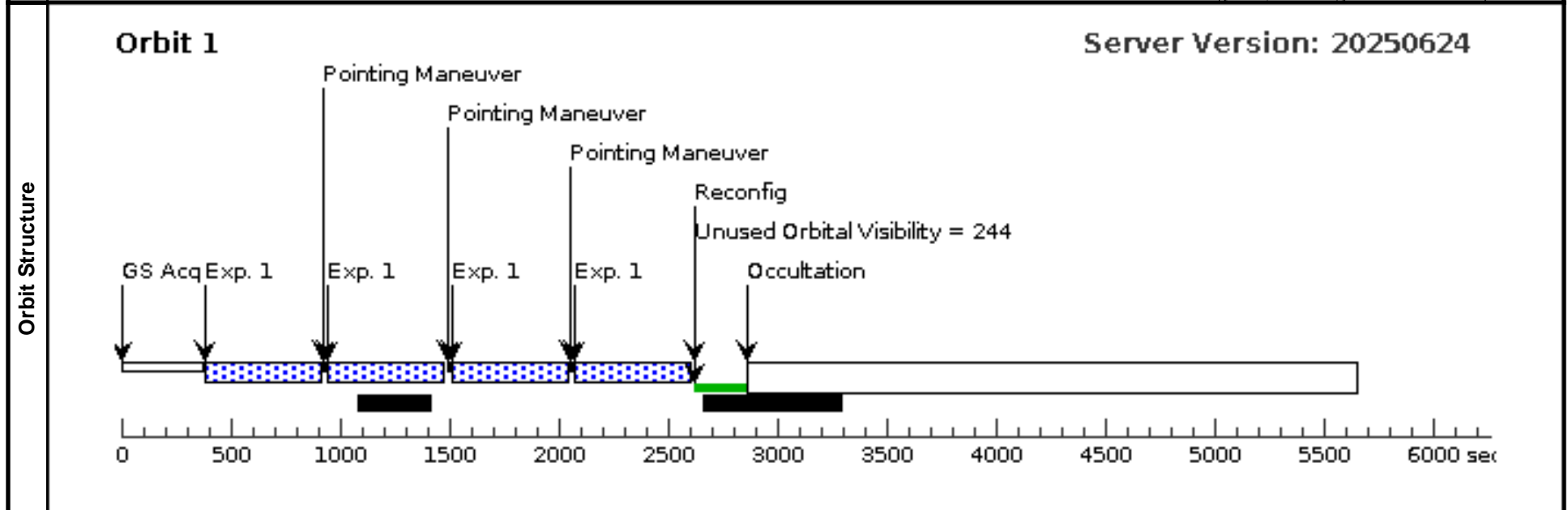
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 61, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(61)	NGC-5328 Alt Name1: PGC-49307	RA: 13 52 53.3000 (208.2220833d) Dec: -28 29 21.40 (-28.48928d) Equinox: J2000	Radial Velocity: 4700.0 km/sec	V=(?) K=8.47, (J-H)=0.69	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(61) NGC-5328	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 61 (1)	502.936801 Secs (2011.747 Secs)	[1]
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	



Proposal 17436 - Visit 62 - An Independent High-Precision Distance Ladder for Cosmology

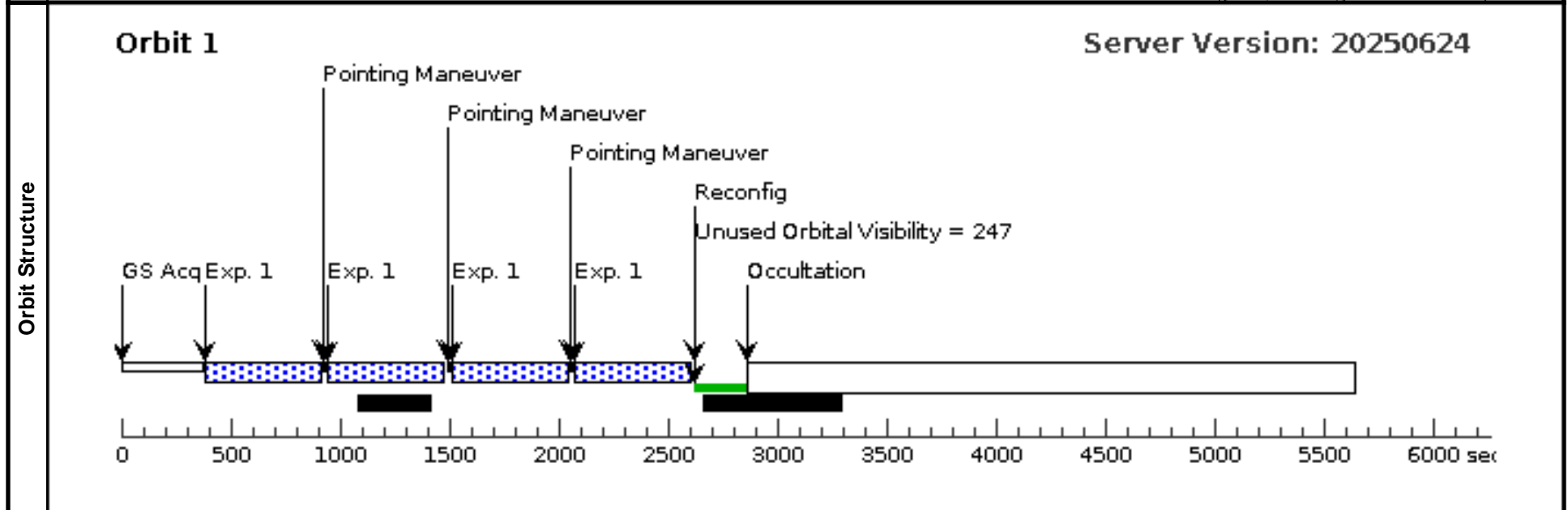
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 62, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(62)	ESO-384-G013	RA: 13 55 41.8000 (208.9241667d)	Radial Velocity: 3764.0 km/sec	V=(?) K=9.95, (J-H)=0.67	Reference Frame: ICRS
		Alt Name1: PGC-49516	Dec: -33 43 29.60 (-33.72489d)			
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(62) ESO-384-G013	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 62 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 63 - An Independent High-Precision Distance Ladder for Cosmology

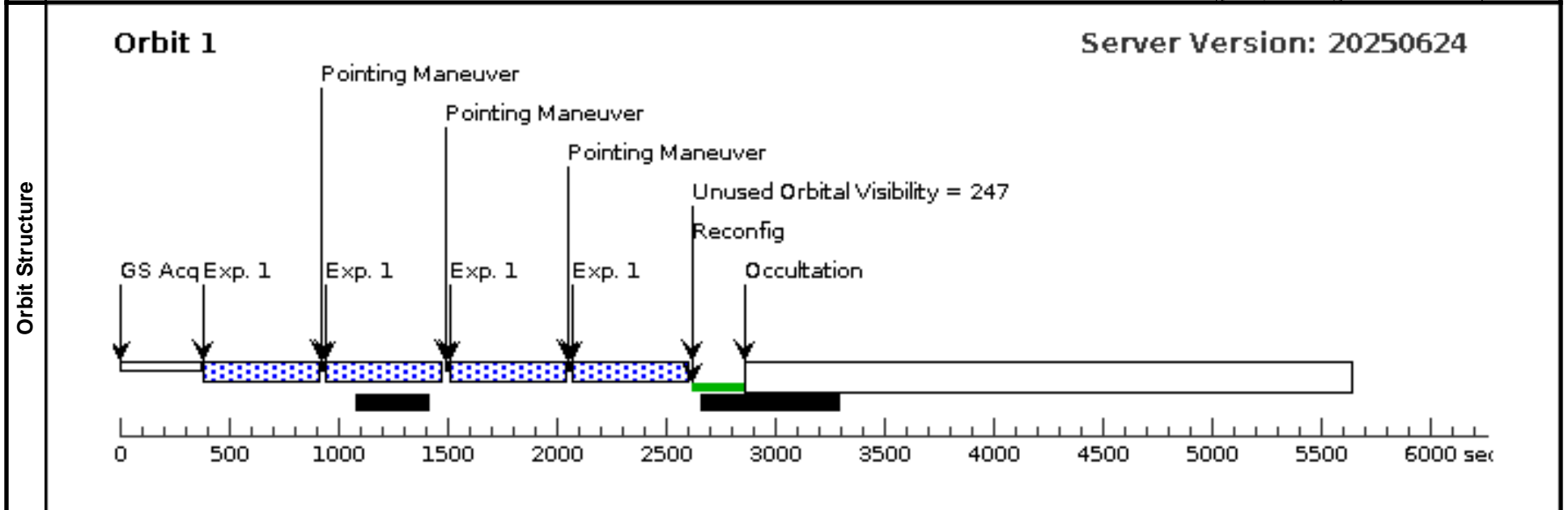
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 63, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(63)	NGC-5357 Alt Name1: PGC-49534	RA: 13 55 59.5000 (208.9979167d) Dec: -30 20 29.10 (-30.34142d) Equinox: J2000	Radial Velocity: 4870.0 km/sec	V=(?) K=8.91, (J-H)=0.72	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(63) NGC-5357	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 63 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 64 - An Independent High-Precision Distance Ladder for Cosmology

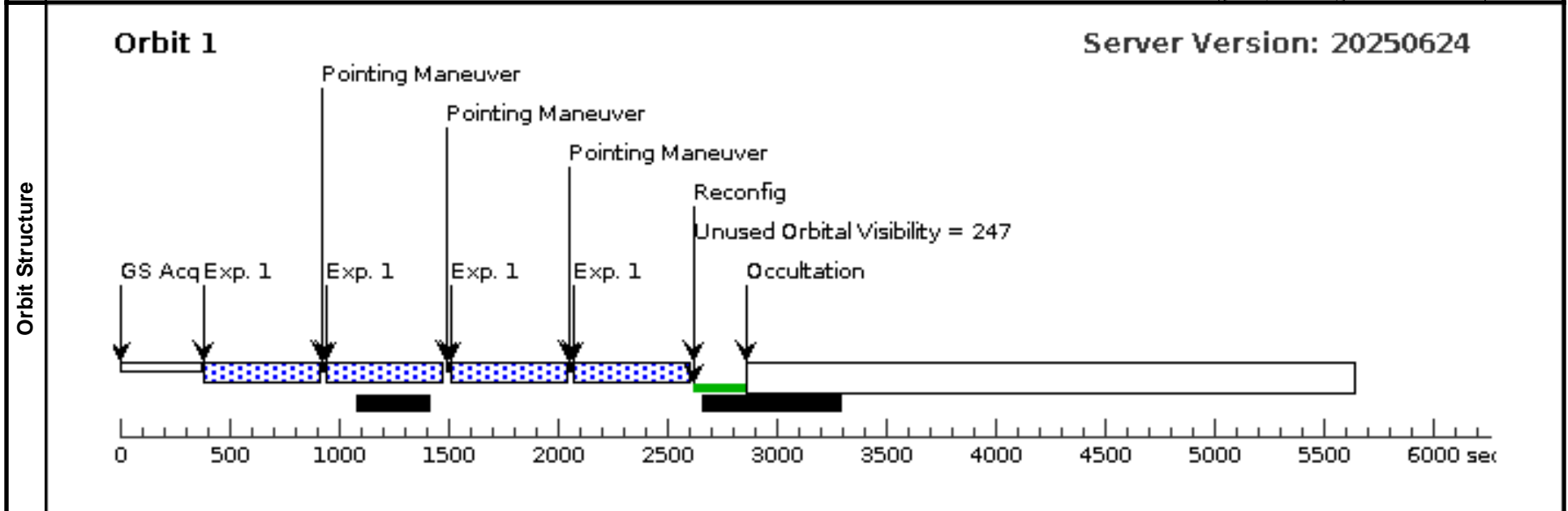
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 64, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(64)	NGC-5397 Alt Name1: PGC-49908	RA: 14 01 10.5000 (210.2937500d) Dec: -33 56 44.80 (-33.94578d) Equinox: J2000	Radial Velocity: 4146.0 km/sec	V=(?) K=9.24, (J-H)=0.79	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(64) NGC-5397	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 64 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 65 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 65, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

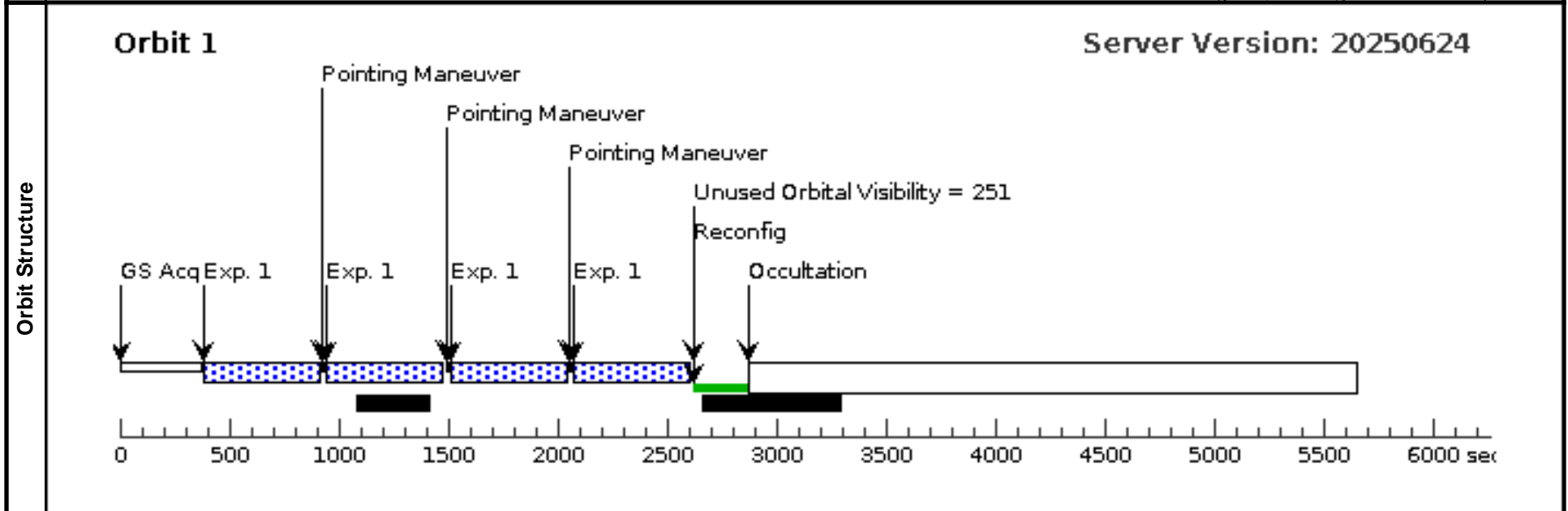
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(65)	NGC-5516 Alt Name1: PGC-50960	RA: 14 15 54.7000 (213.9779167d) Dec: -48 06 53.50 (-48.11486d) Equinox: J2000	Radial Velocity: 4377.0 km/sec	V=(?) K=8.24, (J-H)=0.69	Reference Frame: ICRS

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(65) NGC-5516	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 65 (1)	502.936801 Secs (2011.747 Secs)	[1]

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 66 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 66, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

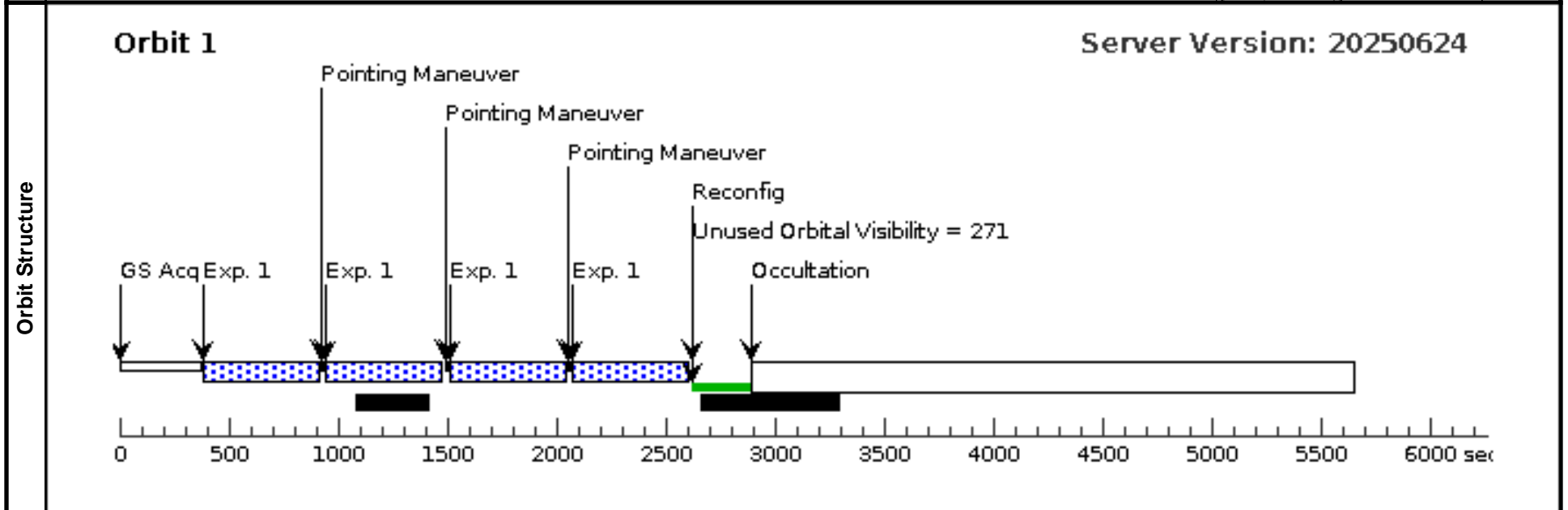
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(66)	WKK-6479	RA: 16 19 1.5000 (244.7562500d) Alt Name1: PGC-165984 Equinox: J2000	Dec: -63 15 52.70 (-63.26464d)	Radial Velocity: 5150.0 km/sec	V=(?) K=10.07, (J-H)=0.76

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(66) WKK-6479	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 66 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 67 - An Independent High-Precision Distance Ladder for Cosmology

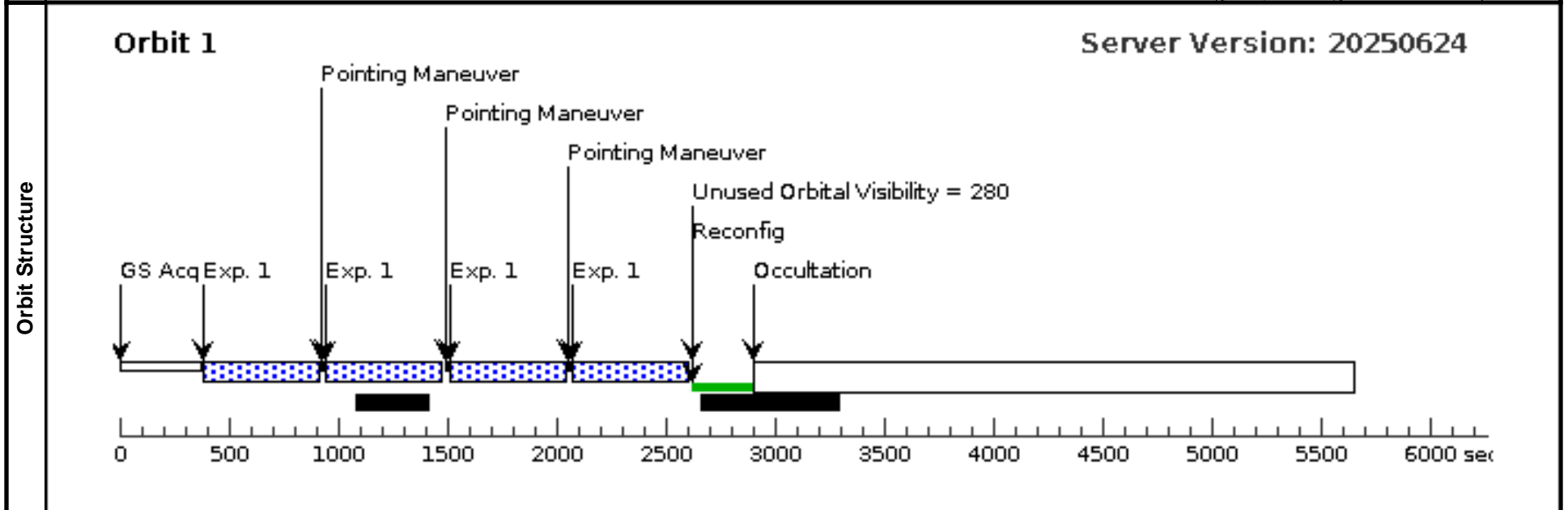
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 67, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(67)	NGC-6502	RA: 18 04 13.7200 (271.0571667d) Dec: -65 24 35.80 (-65.40994d) Equinox: J2000	Radial Velocity: 5514.0 km/sec	V=(?) K=9.18, (J-H)=0.68	Reference Frame: NED
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(67) NGC-6502	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 67 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 68 - An Independent High-Precision Distance Ladder for Cosmology

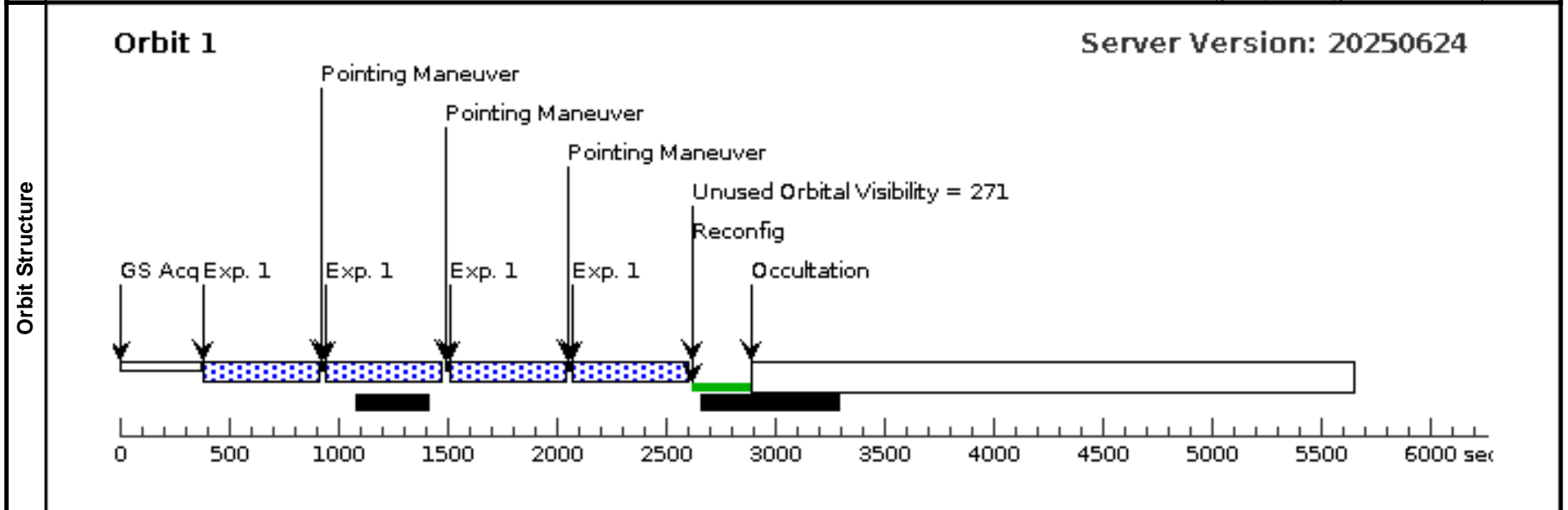
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 68, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(68)	IC-4842	RA: 19 19 24.5000 (289.8520833d) Dec: -60 38 39.30 (-60.64425d) Equinox: J2000	Radial Velocity: 4167.0 km/sec	V=(?) K=9.35, (J-H)=0.69	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(68) IC-4842	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 68 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 69 - An Independent High-Precision Distance Ladder for Cosmology

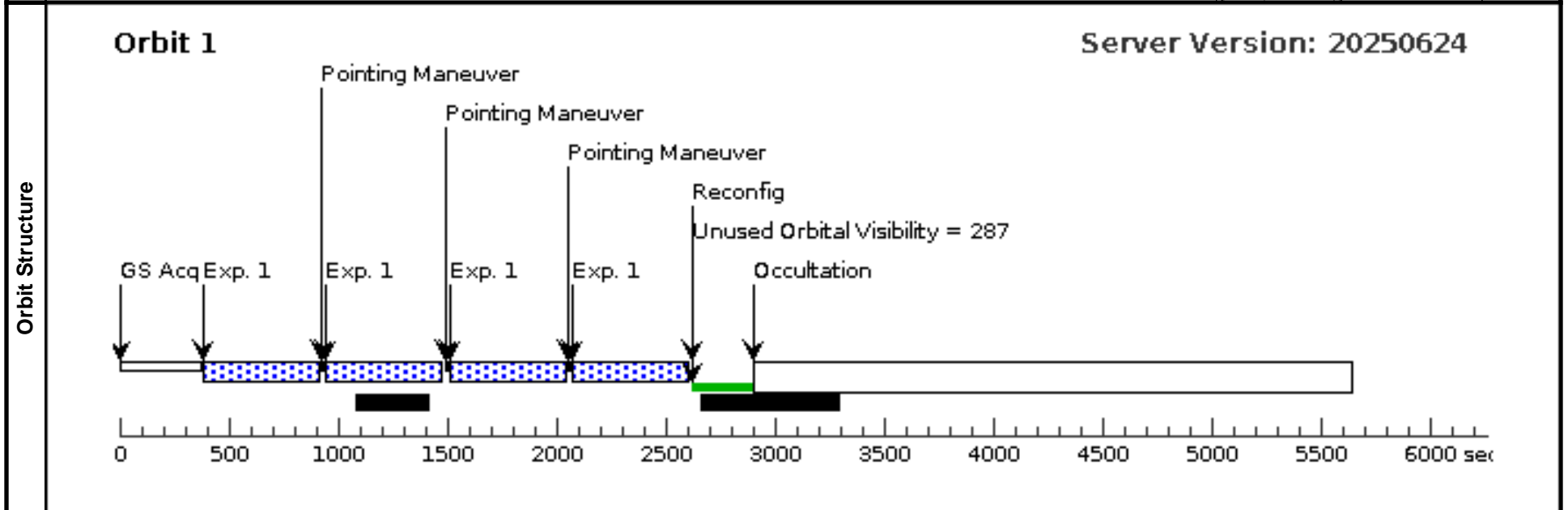
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 69, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(69)	NGC-6876 Alt Name1: PGC-64447	RA: 20 18 19.0000 (304.5791667d) Dec: -70 51 32.60 (-70.85906d) Equinox: J2000	Radial Velocity: 3869.0 km/sec	V=(?) K=7.68, (J-H)=0.71	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(69) NGC-6876	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 69 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 70 - An Independent High-Precision Distance Ladder for Cosmology

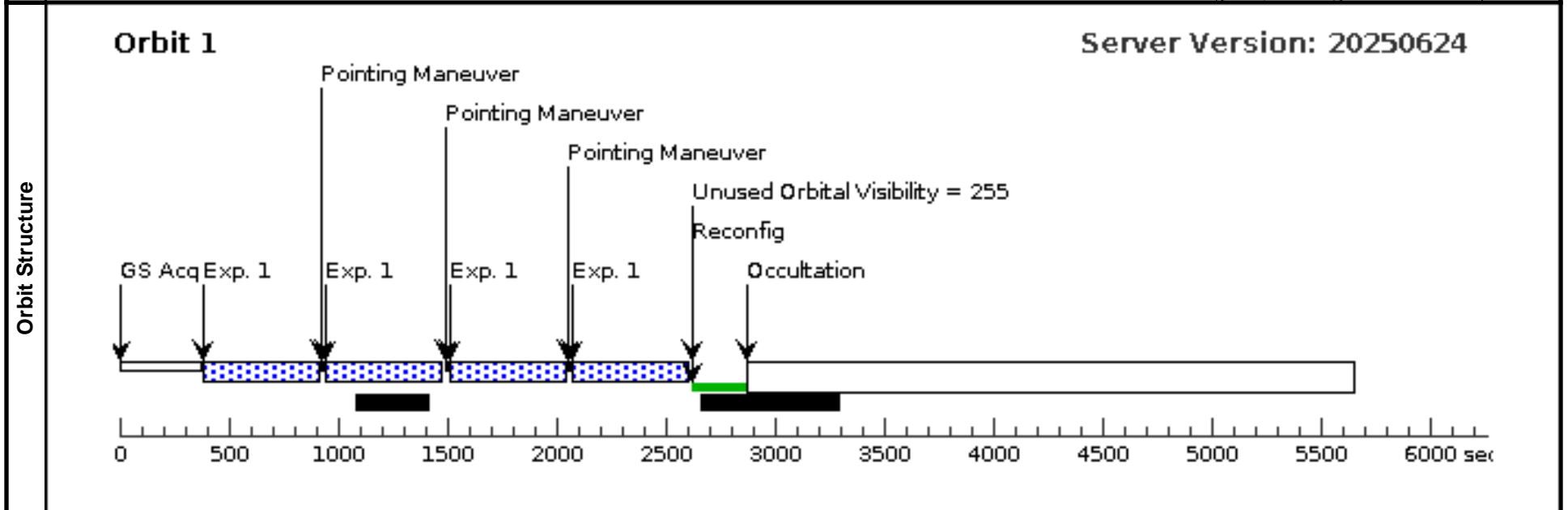
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 70, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(70)	UGC-00902	RA: 01 21 55.8000 (20.4825000d)	Epoch of Position: 2000.0	V=(?)	Reference Frame: EDD
		Alt Name1: PGC-4960	Dec: +50 02 50.93 (50.04748d)	Radial Velocity: 6028.0 km/sec	K = 9.44	
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(70) UGC-00902	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 70 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 71 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 71, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

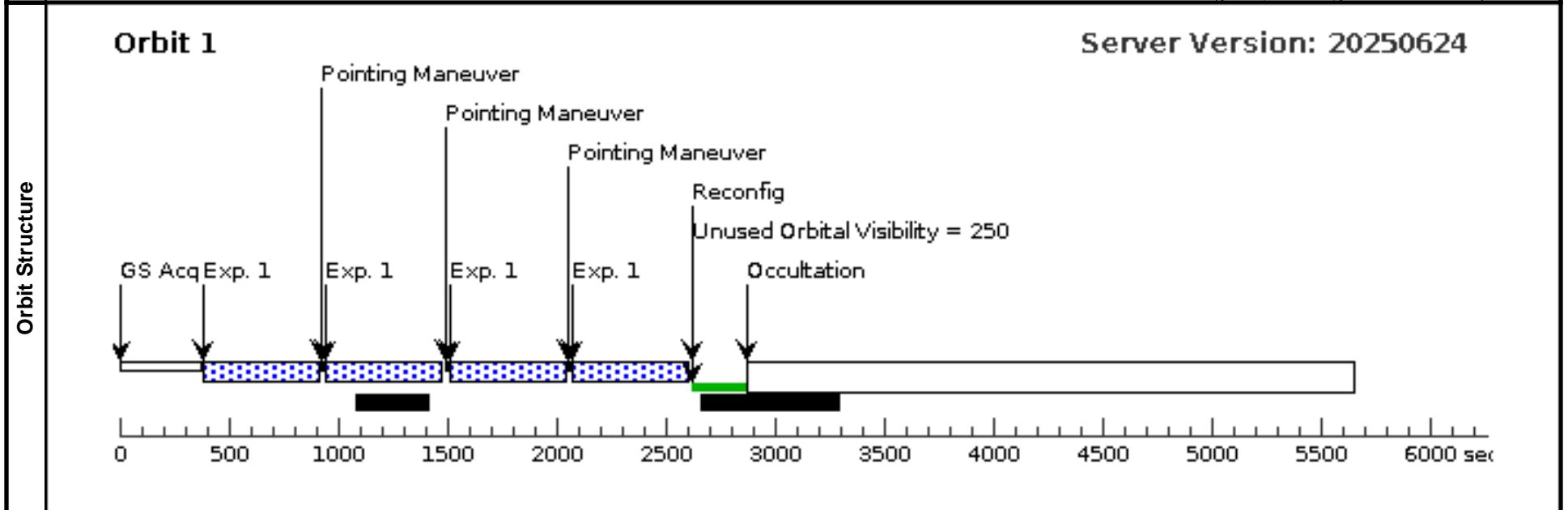
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(71)	NGC-0641 Alt Name1: PGC-6081	RA: 01 38 39.2280 (24.6634500d) Dec: -42 31 39.11 (-42.52753d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6135.0 km/sec	V=12.2 K = 9.26	Reference Frame: EDD

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(71) NGC-0641	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 71 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Visit	Proposal 17436, Visit 72, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

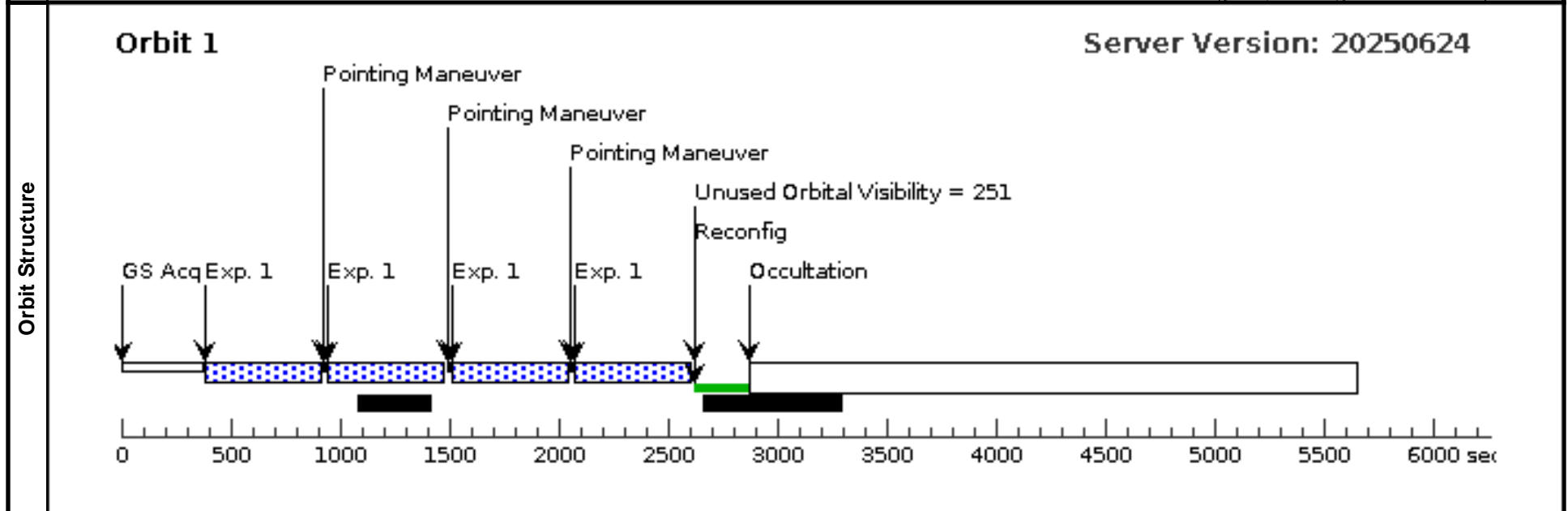
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(72)	ESO-197-G010	RA: 01 53 12.5880 (28.3024500d) Alt Name1: PGC-6994	Dec: -49 33 36.79 (-49.56022d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6024.0 km/sec	V=12.32 K = 8.88

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(72) ESO-197-G010	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 72 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 73 - An Independent High-Precision Distance Ladder for Cosmology

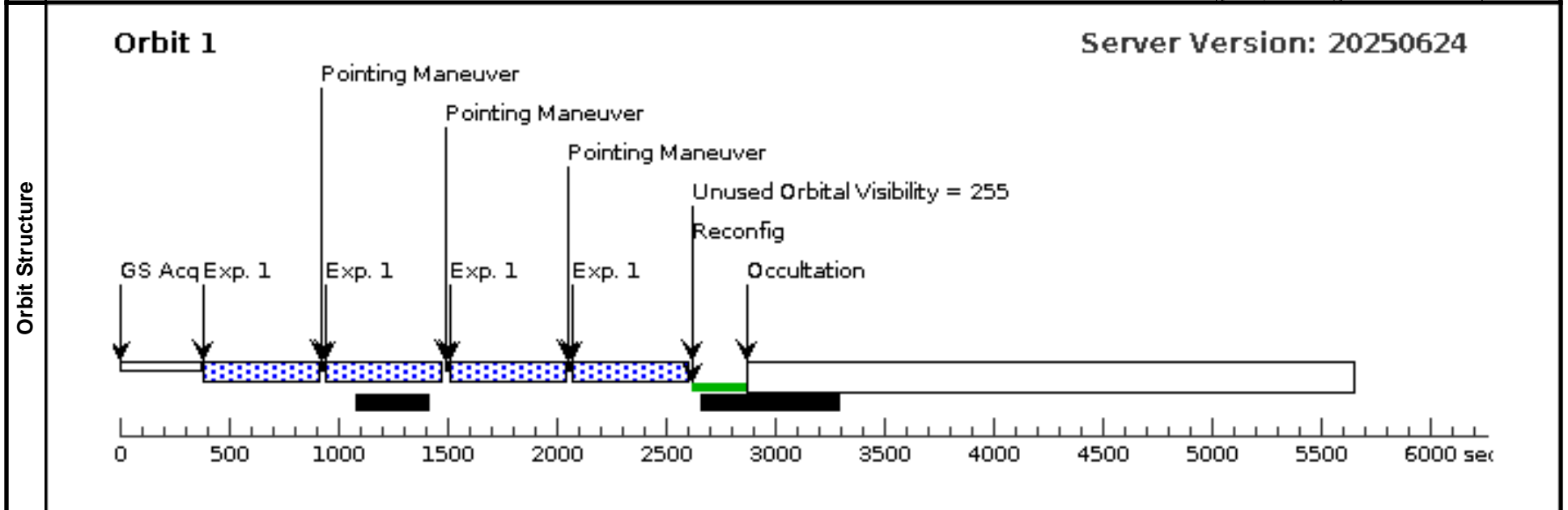
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 73, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(73)	ESO-153-G003	RA: 01 58 18.1920 (29.5758000d)	Epoch of Position: 2000.0	V=(?)	Reference Frame: EDD
		Alt Name1: PGC-7430	Dec: -54 12 57.06 (-54.21585d)	Radial Velocity: 6252.0 km/sec	R = 12.26; K = 9.57	
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(73) ESO-153-G003	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 73 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 74 - An Independent High-Precision Distance Ladder for Cosmology

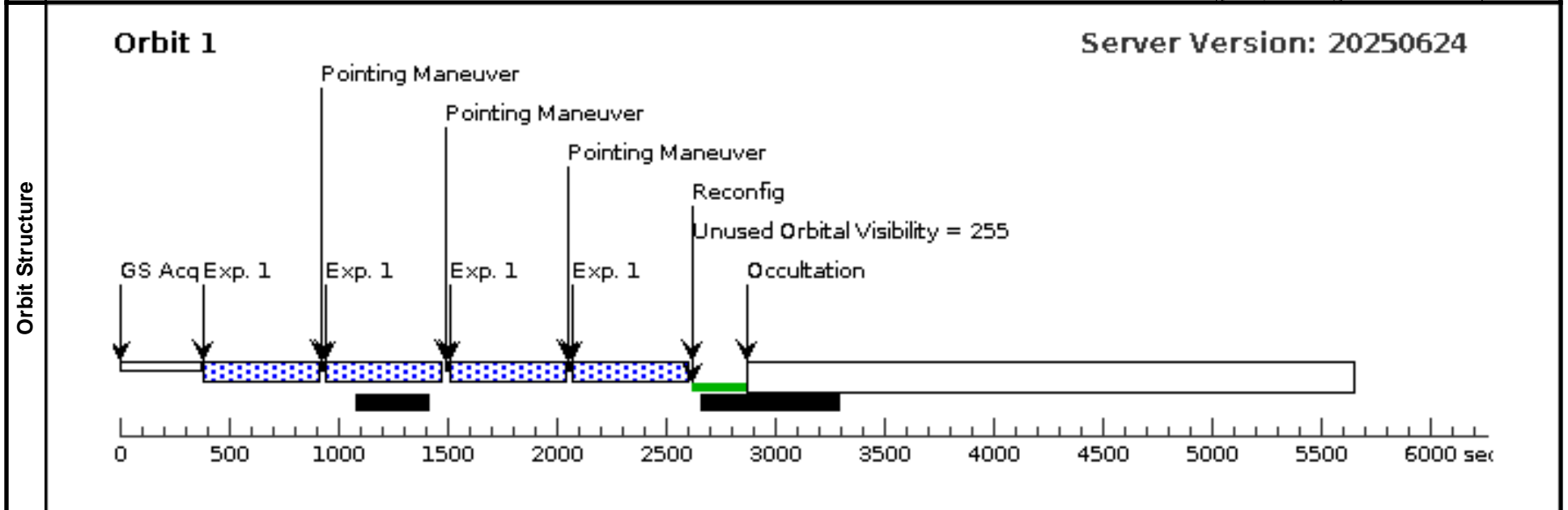
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 74, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(74)	ESO-197-G018	RA: 02 02 30.8400 (30.6285000d) Dec: -50 55 54.16 (-50.93171d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6226.0 km/sec	V=12.6 K = 9.61	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(74) ESO-197-G018	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 74 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Visit	Proposal 17436, Visit 75, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

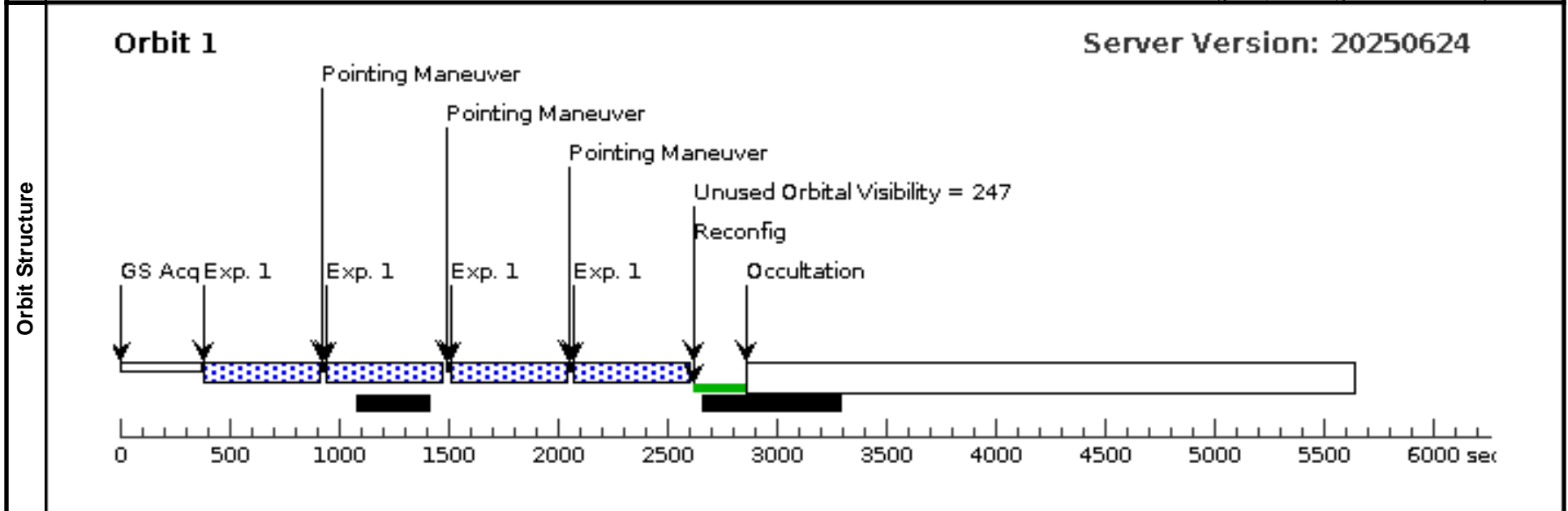
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(75)	NGC-0997	RA: 02 37 14.4840 (39.3103500d) Alt Name1: PGC-9932 Equinox: J2000	Dec: +07 18 20.02 (7.30556d)	Epoch of Position: 2000.0 Radial Velocity: 6265.0 km/sec	V=(?) K = 9.37

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(75) NGC-0997	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 75 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Visit	Proposal 17436, Visit 76, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

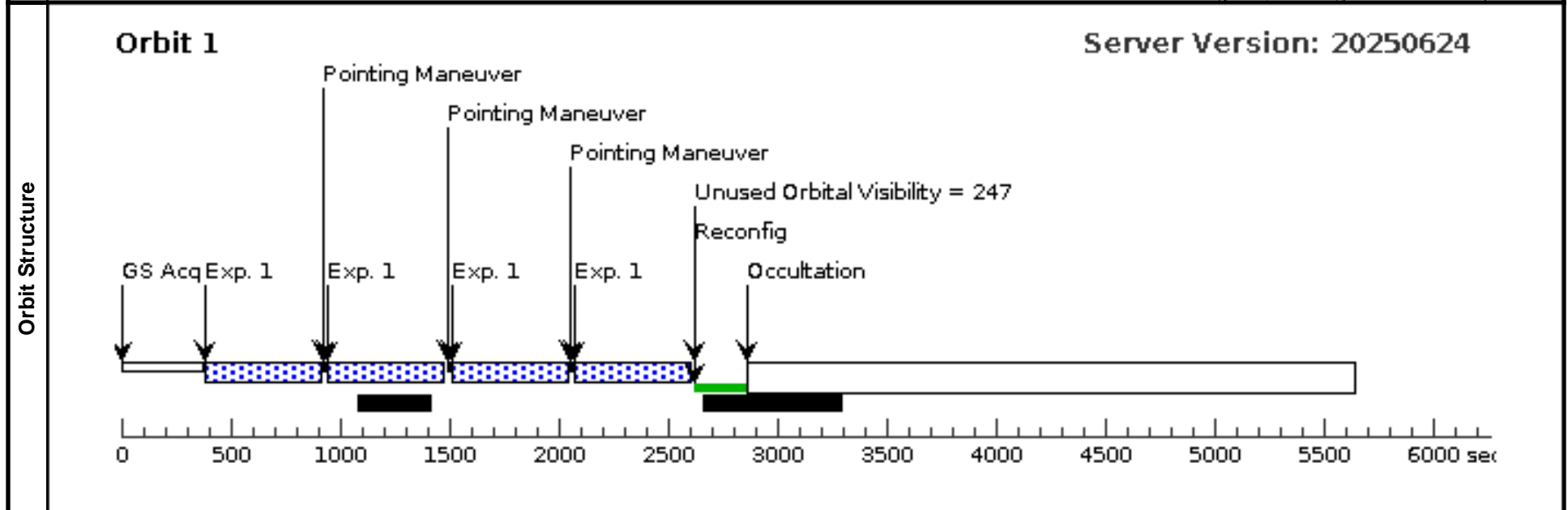
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(76)	NGC-1004	RA: 02 37 41.7324 (39.4238850d) Alt Name1: PGC-9961 Equinox: J2000	Dec: +01 58 31.08 (1.97530d)	Epoch of Position: 2000.0 Radial Velocity: 6242.0 km/sec	V=12.73 K = 9.76

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(76) NGC-1004	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 76 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]

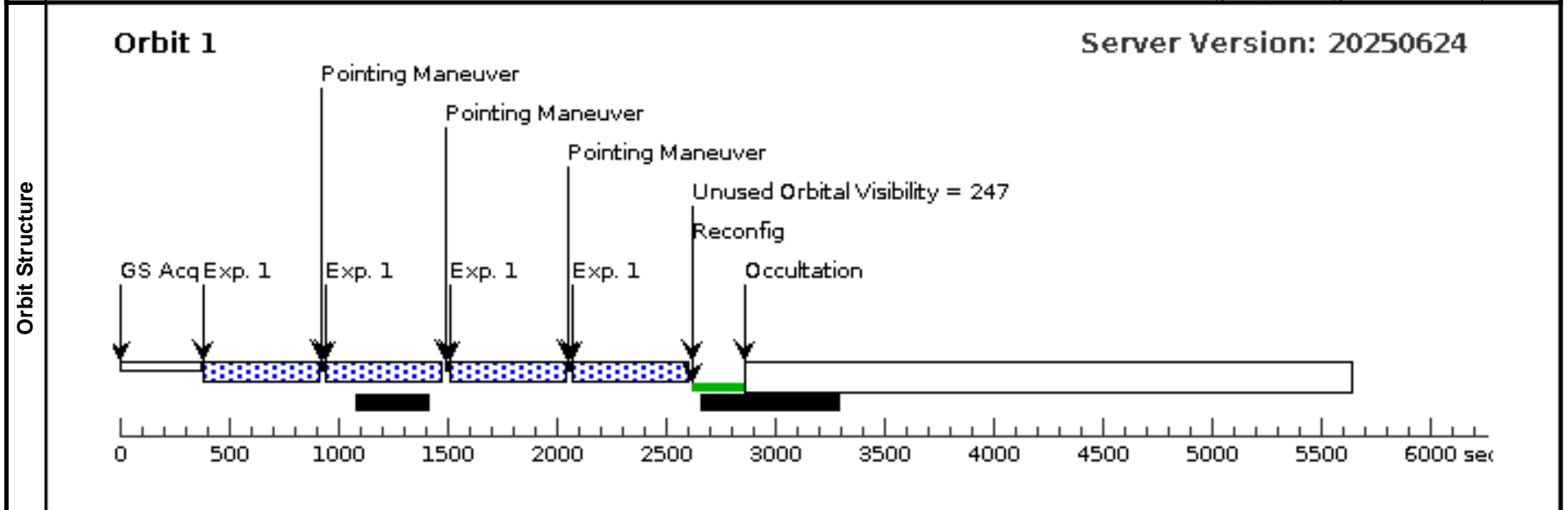


Visit	Proposal 17436, Visit 77, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(77)	NGC-1044	RA: 02 41 6.1800 (40.2757500d) Alt Name1: PGC-10174 Dec: +08 44 16.69 (8.73797d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6007.0 km/sec	V=12.91 K = 9.66	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(77) NGC-1044	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 77 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 78 - An Independent High-Precision Distance Ladder for Cosmology

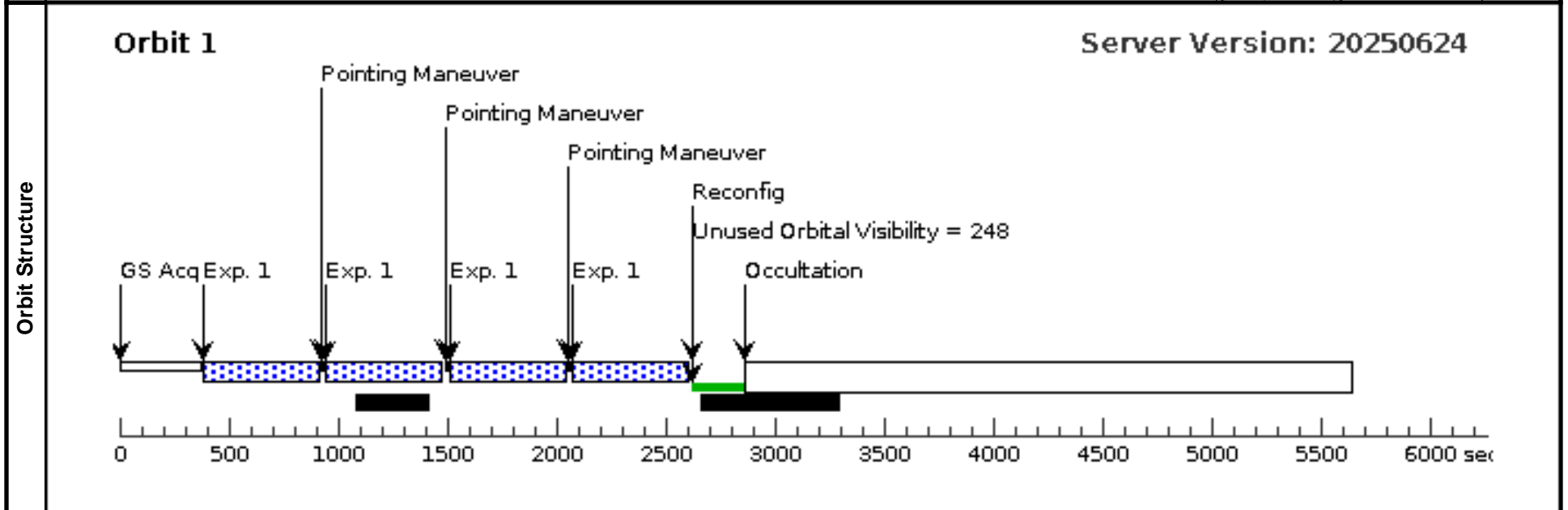
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 78, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(78)	NGC-1226	RA: 03 11 5.3520 (47.7723000d) Dec: +35 23 12.52 (35.38681d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 5972.0 km/sec	V=(?) J = 10.28; K = 9.14	Reference Frame: EDD
	Comments: Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(78) NGC-1226	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 78 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 79 - An Independent High-Precision Distance Ladder for Cosmology

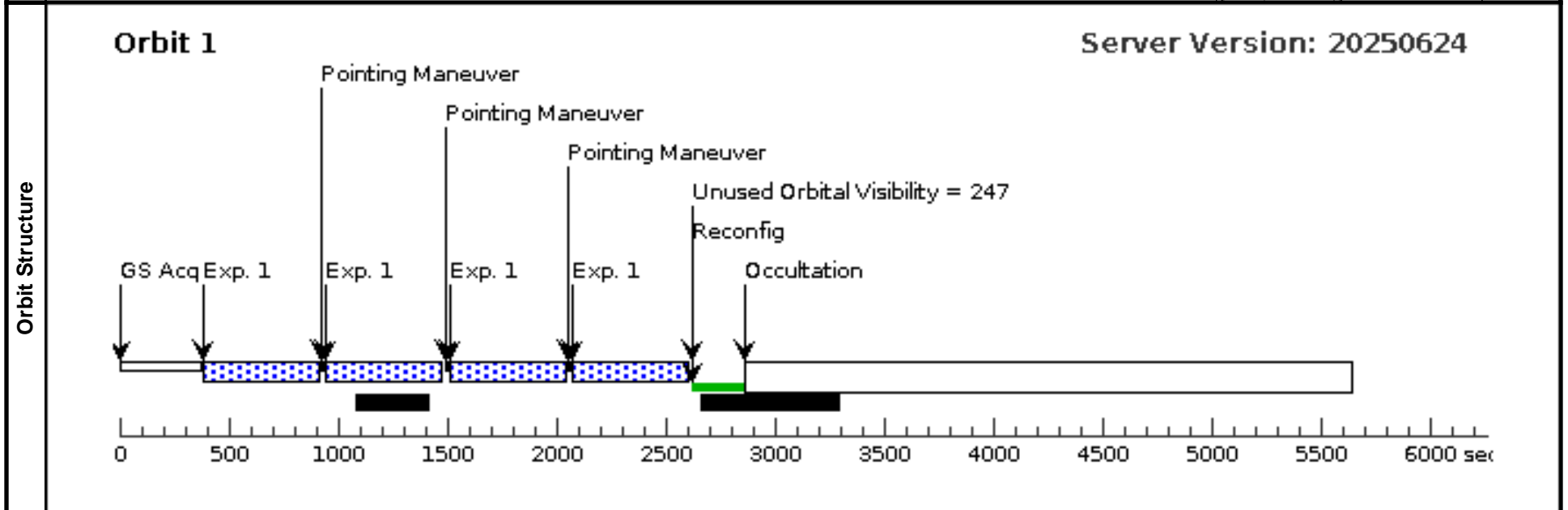
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 79, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(79)	NGC-1305	RA: 03 21 22.9680 (50.3457000d)	Epoch of Position: 2000.0	V=13.36	Reference Frame: EDD
		Alt Name1: PGC-12582	Dec: -02 19 0.70 (-2.31686d)	Radial Velocity: 6094.0 km/sec	K = 9.59	
			Equinox: J2000			
		Comments: Category=GALAXY Description=[LENTICULAR] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(79) NGC-1305	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 79 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 80 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 80, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

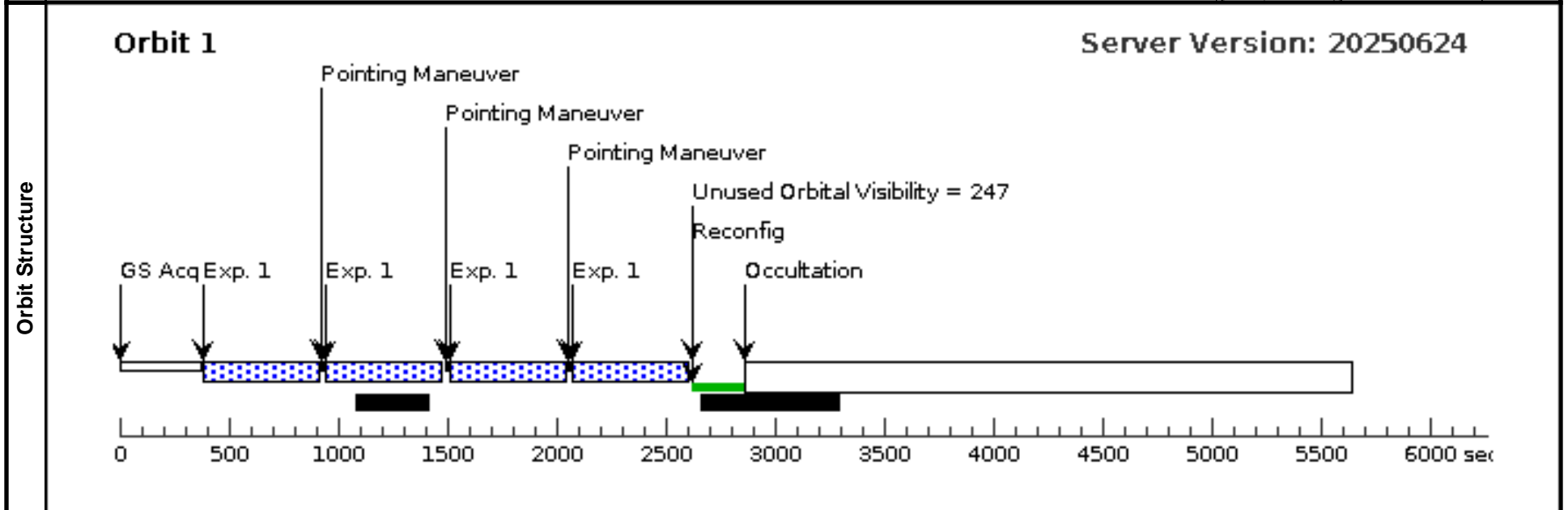
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(80)	NGC-1322	RA: 03 24 54.7200 (51.2280000d) Alt Name1: PGC-12761 Equinox: J2000	Dec: -02 55 9.19 (-2.91922d)	Epoch of Position: 2000.0 Radial Velocity: 5913.0 km/sec	V=(?) J = 10.62; K = 9.62

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(80) NGC-1322	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 80 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 81 - An Independent High-Precision Distance Ladder for Cosmology

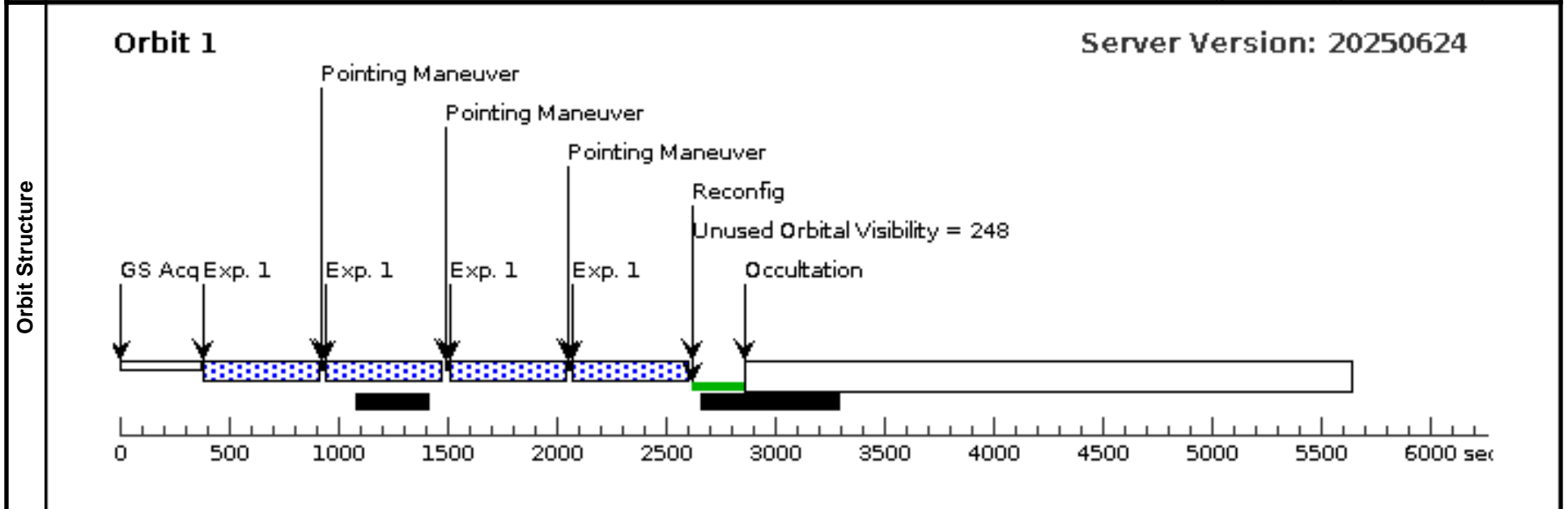
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 81, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(81)	2MASX-J04002709+3854173	RA: 04 00 27.1080 (60.1129500d) Dec: +38 54 17.50 (38.90486d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6017.0 km/sec	V=(?) J = 11.18; K = 9.33	Reference Frame: EDD
		<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(81) 2MASX-J04002709+3854173	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 81 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Visit	Proposal 17436, Visit 82, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

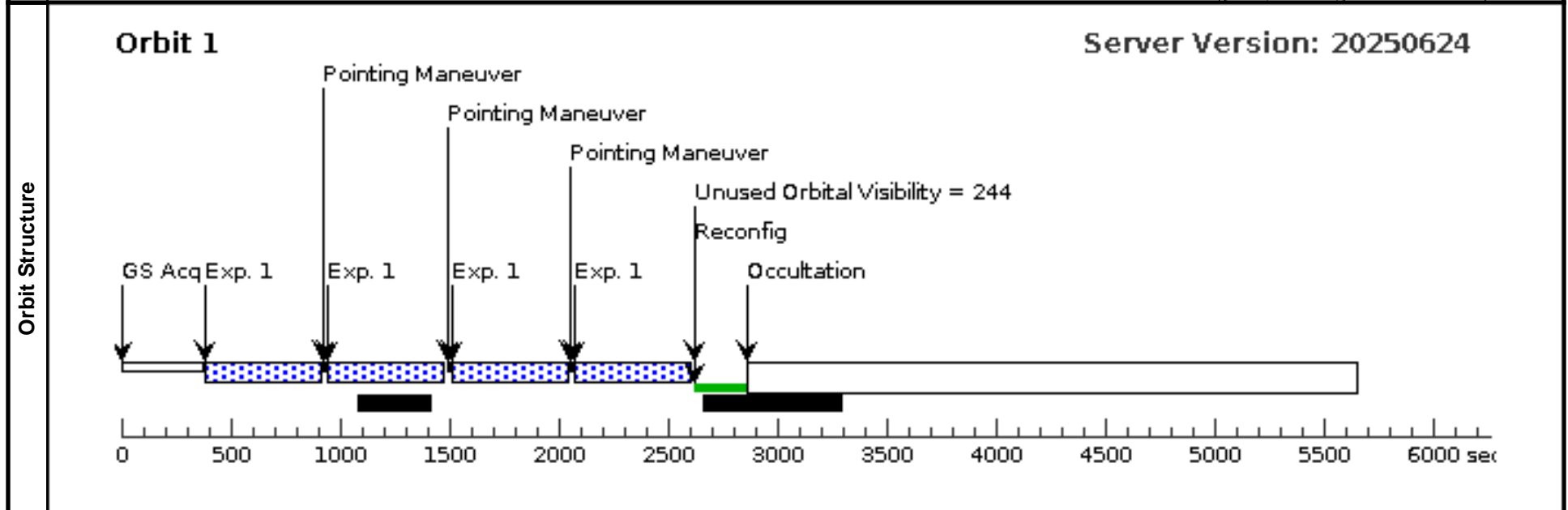
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(82)	NGC-1497	RA: 04 02 6.7920 (60.5283000d) Alt Name1: PGC-14331 Equinox: J2000	Dec: +23 07 58.51 (23.13292d)	Epoch of Position: 2000.0 Radial Velocity: 6178.0 km/sec	V=(?) J = 10.47; K = 9.4

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(82) NGC-1497	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 82 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 83 - An Independent High-Precision Distance Ladder for Cosmology

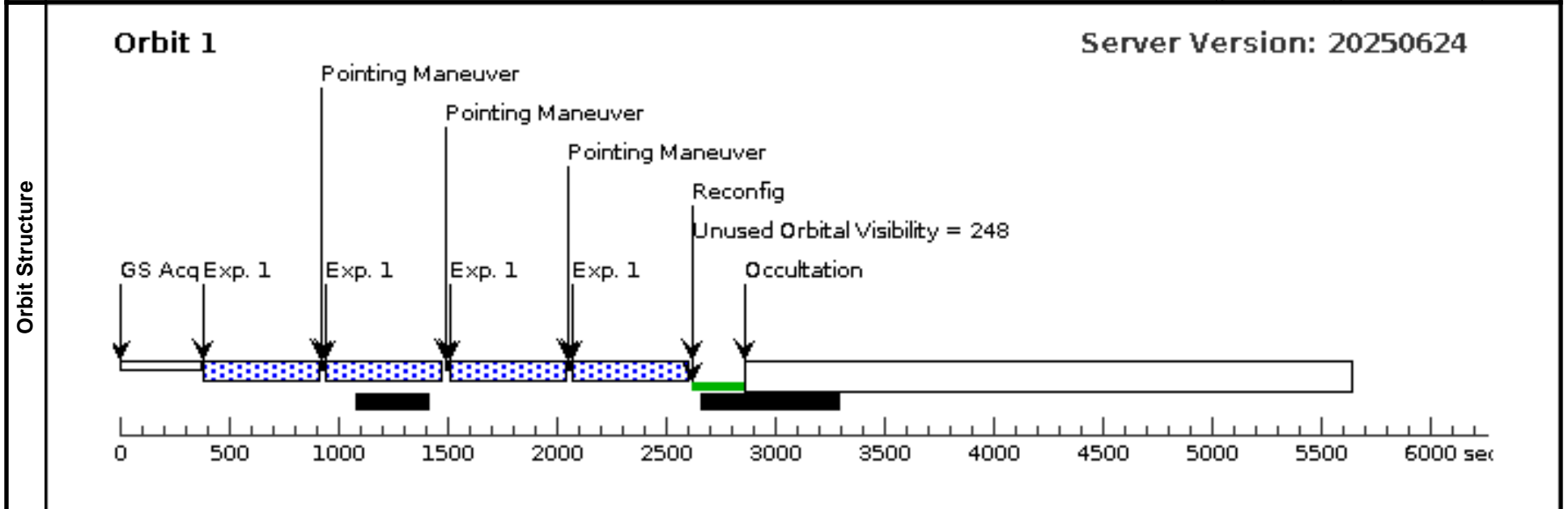
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 83, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(83)	2MASX-J04194579+3530344	RA: 04 19 45.8040 (64.9408500d) Dec: +35 30 34.42 (35.50956d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6279.0 km/sec	V=(?) J = 11.07; K = 9.65	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(83) 2MASX-J04194579+3530344	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 83 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 84 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 84, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

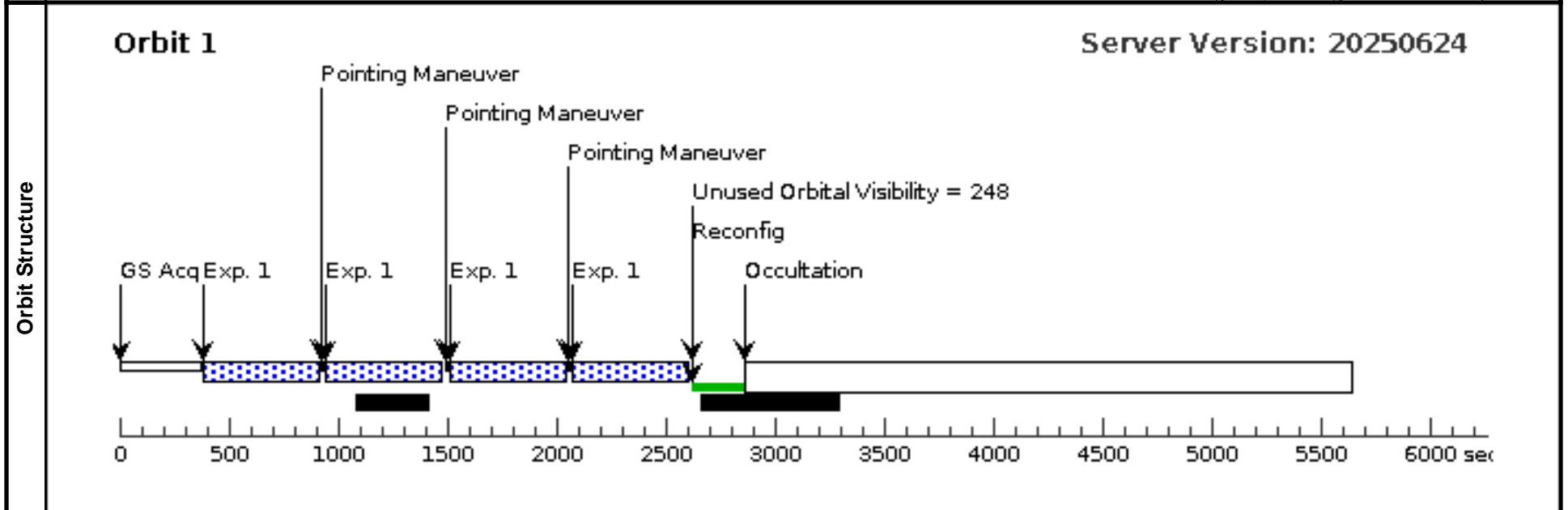
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(84)	UGC-03021	RA: 04 21 52.0560 (65.4669000d) Alt Name1: PGC-14959	Dec: +36 07 37.31 (36.12703d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6147.0 km/sec	V=(?) J = 10.38; K = 8.83

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(84) UGC-03021	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 84 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 85 - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 85, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

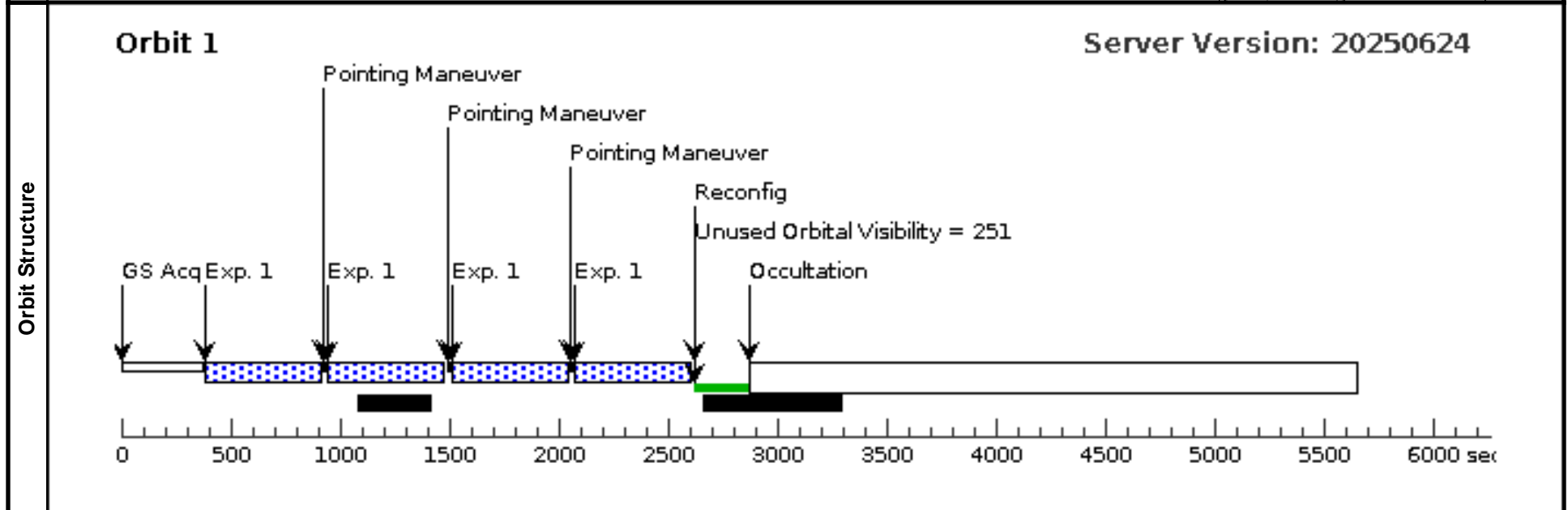
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(85)	NGC-2303	RA: 06 56 17.5560 (104.0731500d) Alt Name1: PGC-19891 Equinox: J2000	Dec: +45 29 34.19 (45.49283d)	Epoch of Position: 2000.0 Radial Velocity: 5987.0 km/sec	V=(?) J = 10.54; K = 9.5

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(85) NGC-2303	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 85 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Visit	Proposal 17436, Visit 86, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

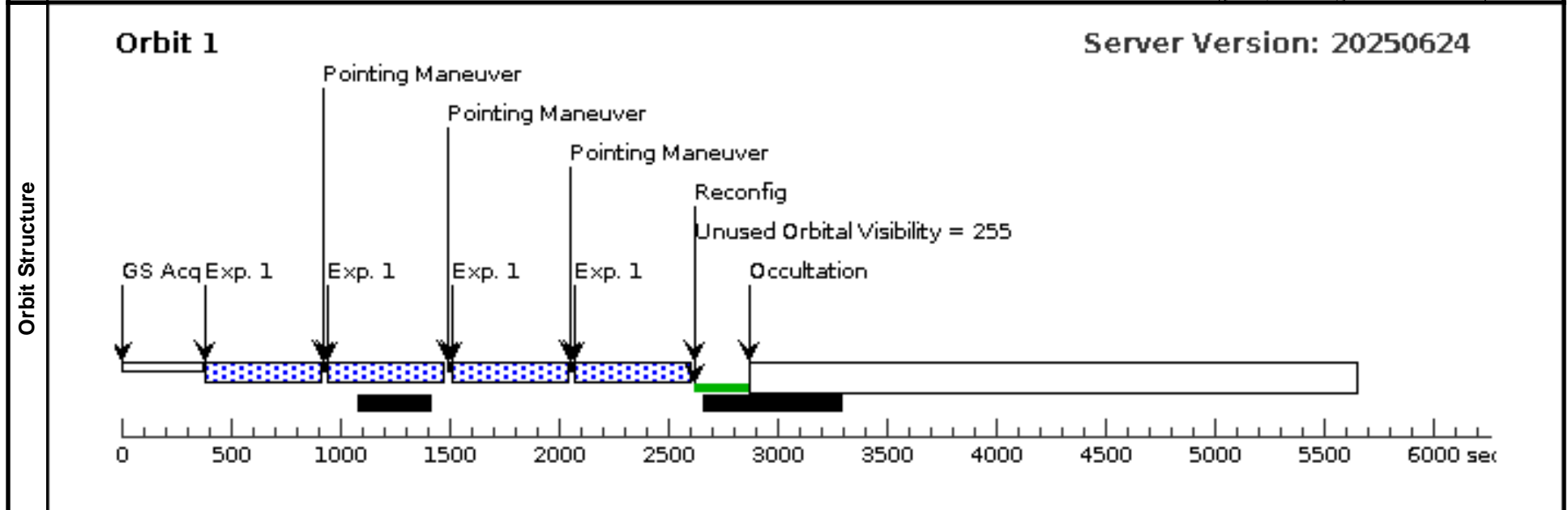
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(86)	NGC-2320	RA: 07 05 42.0000 (106.4250000d) Alt Name1: PGC-20136	Dec: +50 34 51.85 (50.58107d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6020.0 km/sec	V=12.17 J = 9.98; K = 8.82

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(86) NGC-2320	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 86 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
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 [=>(Pattern 3)]
 [=>(Pattern 4)]

[1]



Proposal 17436 - Visit 87 - An Independent High-Precision Distance Ladder for Cosmology

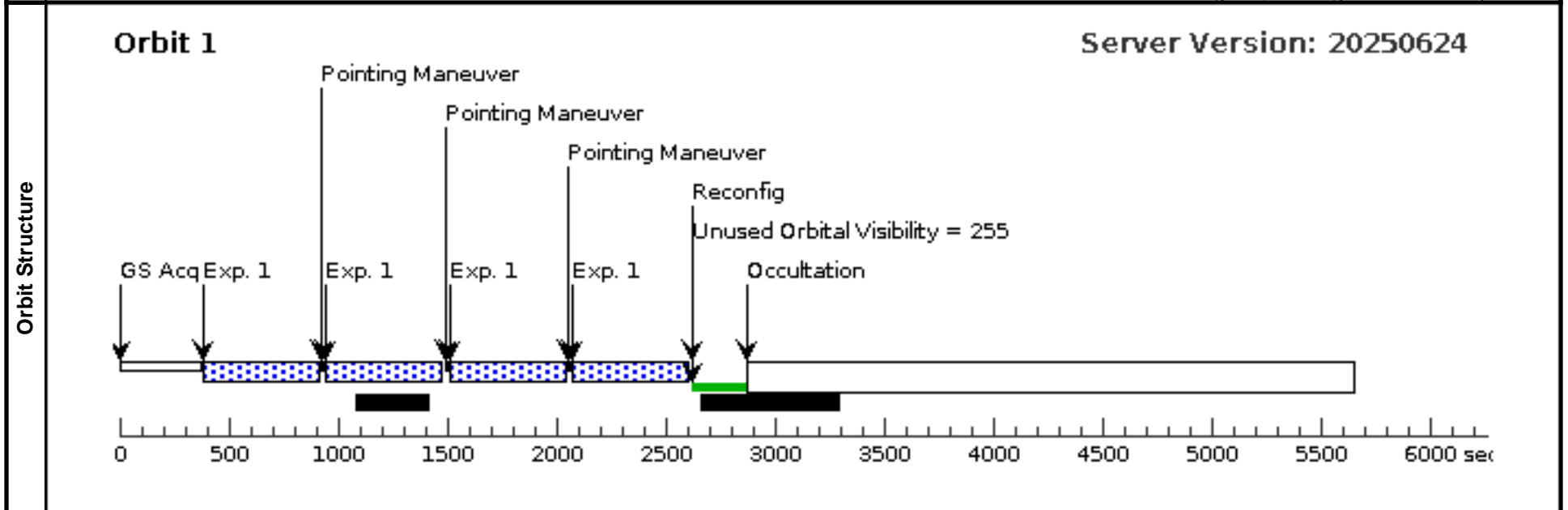
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 87, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(87)	NGC-2332	RA: 07 09 34.2000 (107.3925000d) Dec: +50 10 56.21 (50.18228d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 5917.0 km/sec	V=13.05 J = 10.52; K = 9.36	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(87) NGC-2332	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 87 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 88 - An Independent High-Precision Distance Ladder for Cosmology

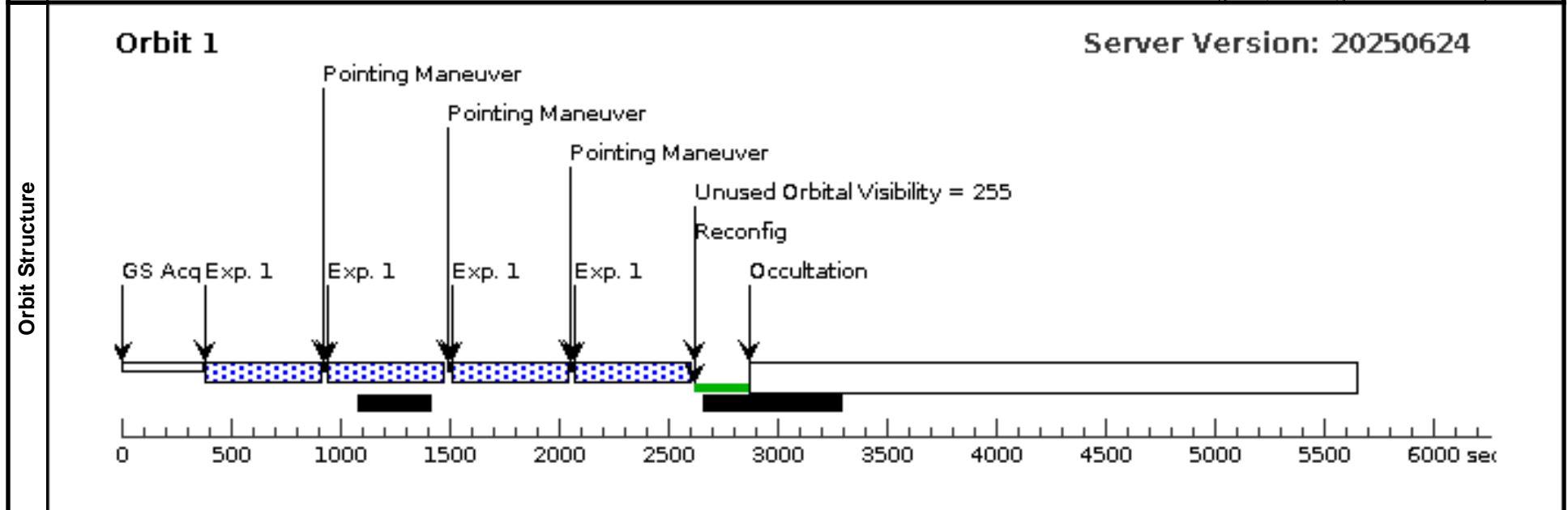
Thu Nov 06 19:01:01 GMT 2025

Visit	Proposal 17436, Visit 88, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(88)	NGC-2340	RA: 07 11 10.7880 (107.7949500d)	Epoch of Position: 2000.0	V=11.97	Reference Frame: EDD
		Alt Name1: PGC-20338	Dec: +50 10 28.81 (50.17467d)	Radial Velocity: 6007.0 km/sec	J = 10.07; K = 8.86	
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(88) NGC-2340	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 88 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]

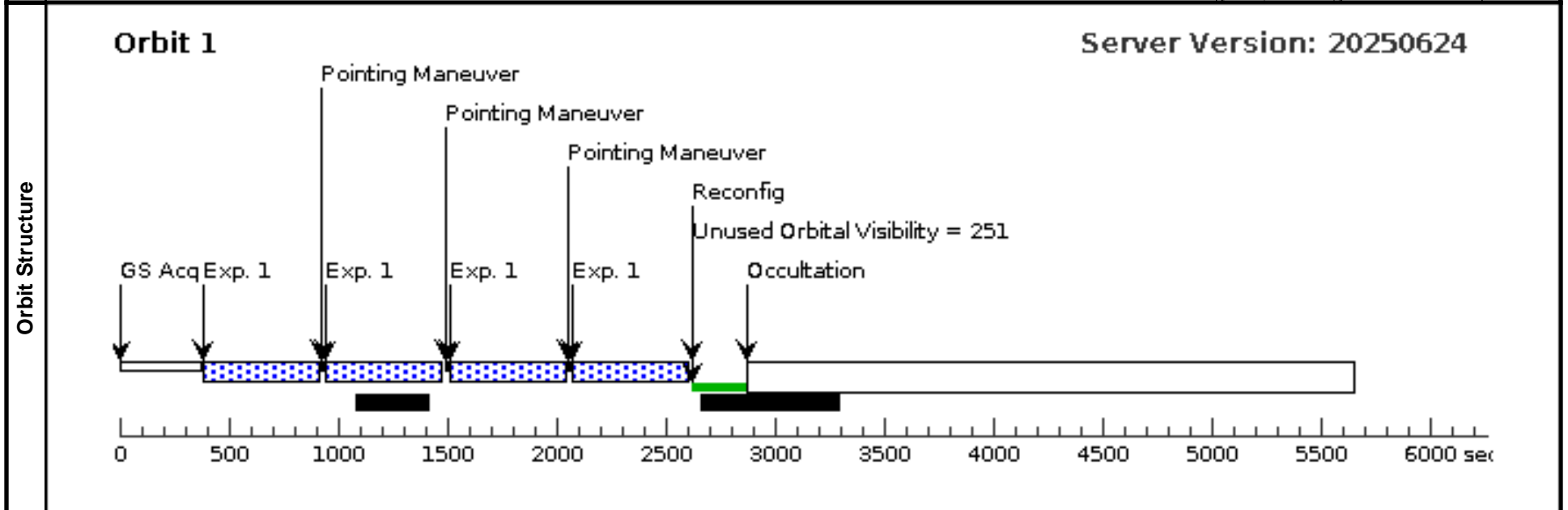


Visit	Proposal 17436, Visit 89, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(89)	UGC-03725	RA: 07 11 41.6400 (107.9235000d) Dec: +49 51 43.70 (49.86214d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6255.0 km/sec	V=(?) J = 11.67K = 9.63	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(89) UGC-03725	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 89 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Visit	Proposal 17436, Visit 90, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

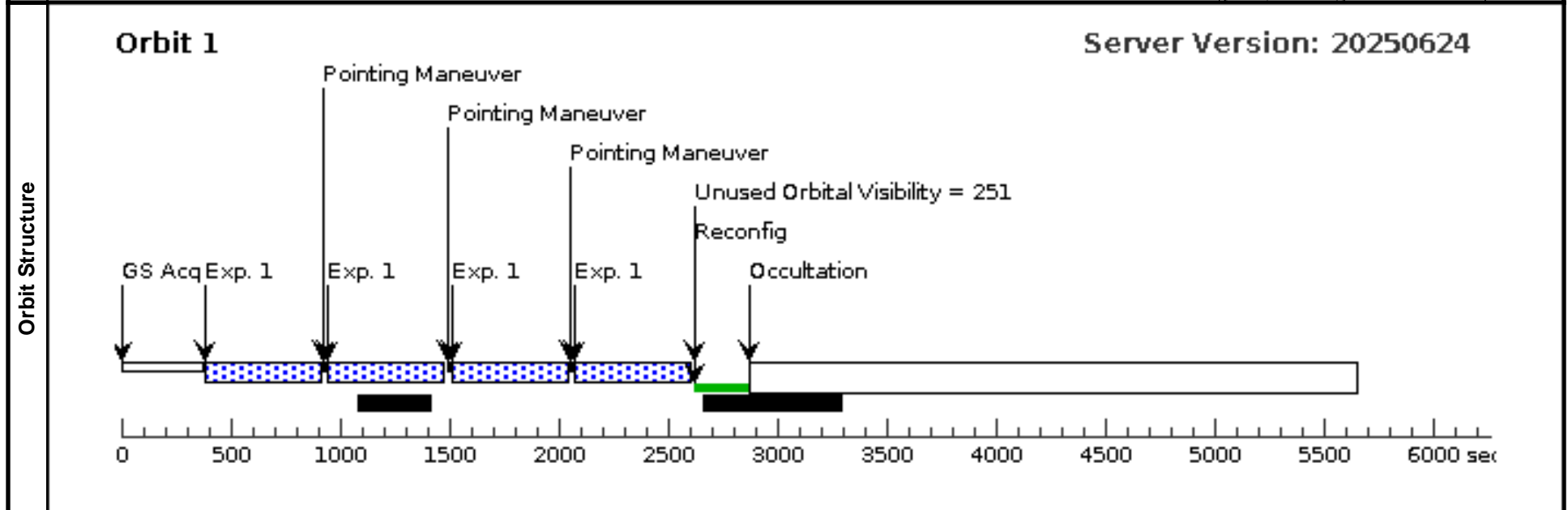
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(90)	UGC-03812	RA: 07 22 18.5520 (110.5773000d) Alt Name1: PGC-20833	Dec: +49 17 32.17 (49.29227d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6061.0 km/sec	V=(?) J = 10.96; K = 9.69

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(90) UGC-03812	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 90 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
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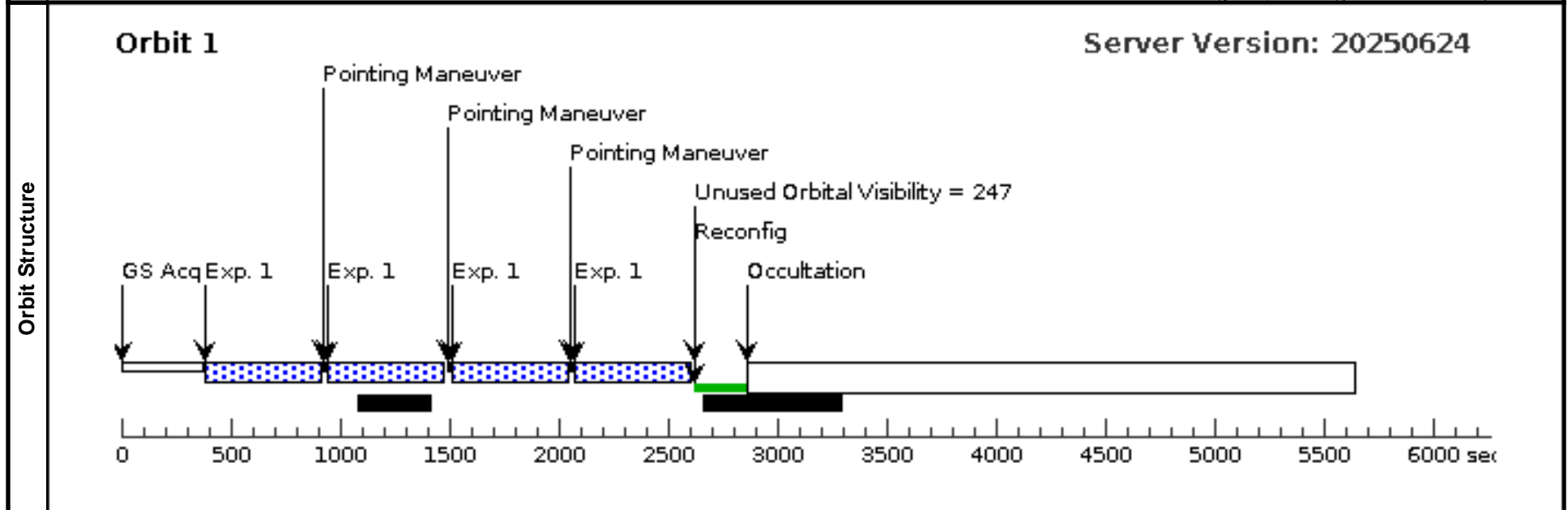


Visit	Proposal 17436, Visit 91, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(91)	MCG-01-23-019	RA: 09 06 33.9840 (136.6416000d) Dec: -07 14 27.28 (-7.24091d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6077.0 km/sec	V=(?) J = 10.77; K = 9.67	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(91) MCG-01-23-019	MCG-01-23-01	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 91 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Visit	Proposal 17436, Visit 92, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

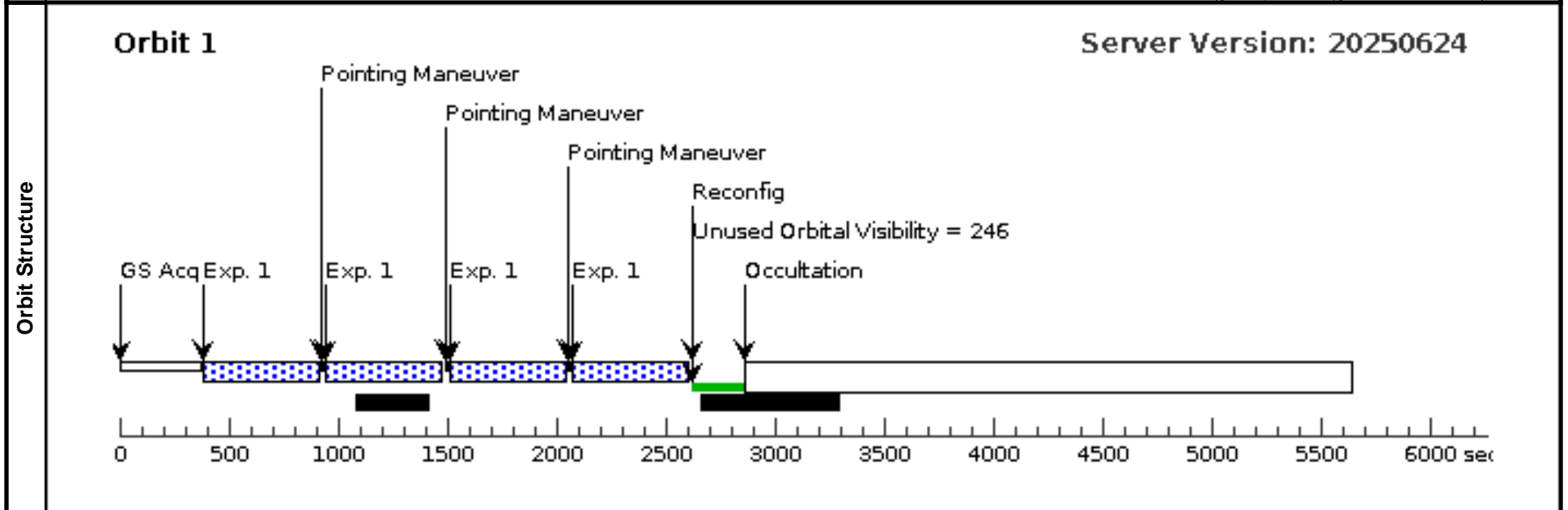
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(92)	NGC-3222	RA: 10 22 34.5360 (155.6439000d) Alt Name1: PGC-30377	Dec: +19 53 13.52 (19.88709d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 5908.0 km/sec	V=12.76 K = 9.61

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(92) NGC-3222	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 92 (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
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 [=>(Pattern 4)]

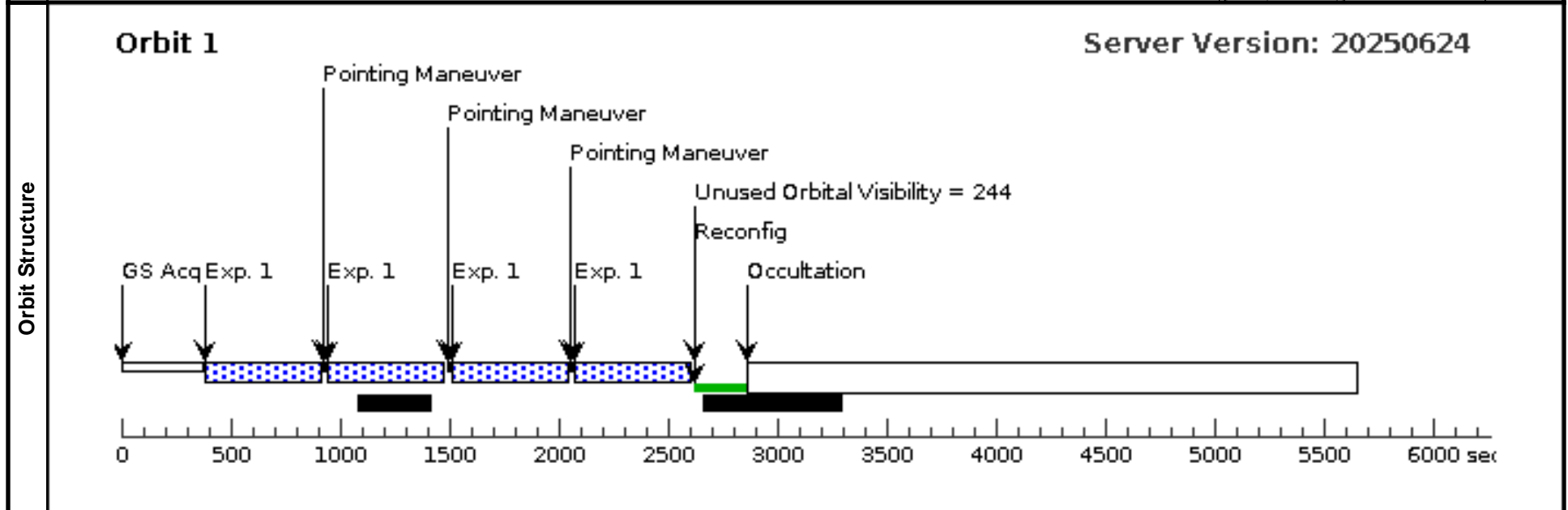


Visit	Proposal 17436, Visit 93, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(93)	NGC-3352	RA: 10 44 14.9280 (161.0622000d) Dec: +22 22 15.82 (22.37106d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6133.0 km/sec	V=12.59 K = 9.57	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(93) NGC-3352	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 93 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 94 - An Independent High-Precision Distance Ladder for Cosmology

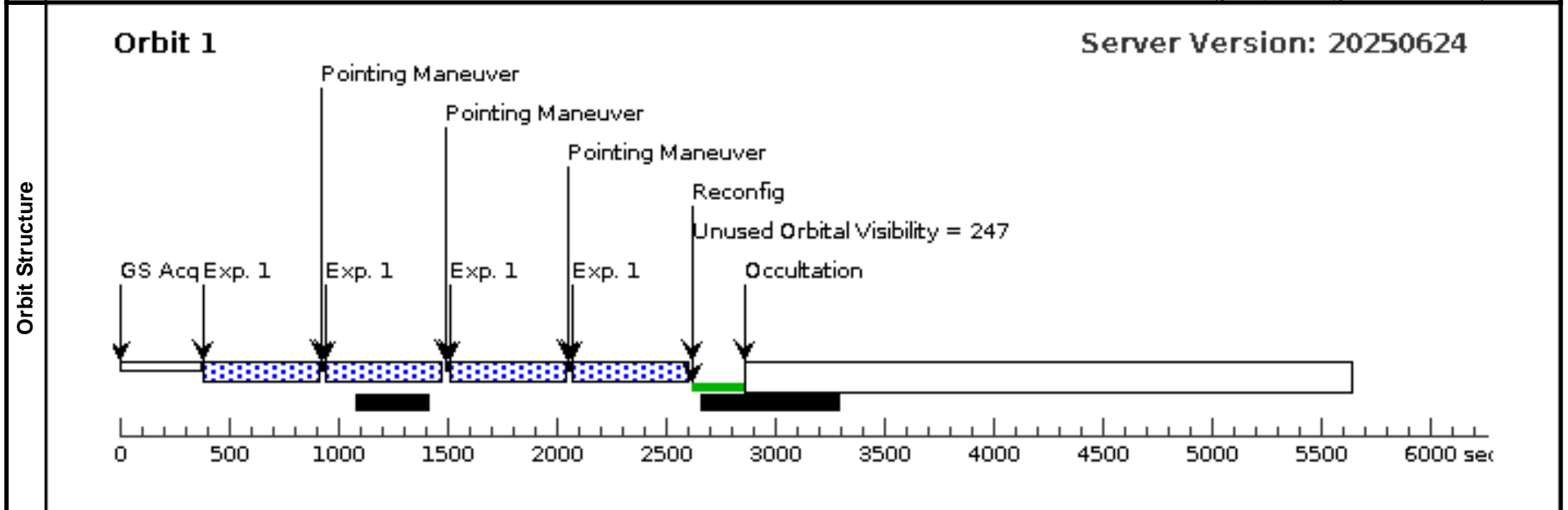
Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 94, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73 Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(94)	NGC-3771	RA: 11 39 5.9760 (174.7749000d) Dec: -09 20 53.48 (-9.34819d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6272.0 km/sec	V=(?) J = 10.92; K = 9.72	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(94) NGC-3771	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 94 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 95 - An Independent High-Precision Distance Ladder for Cosmology

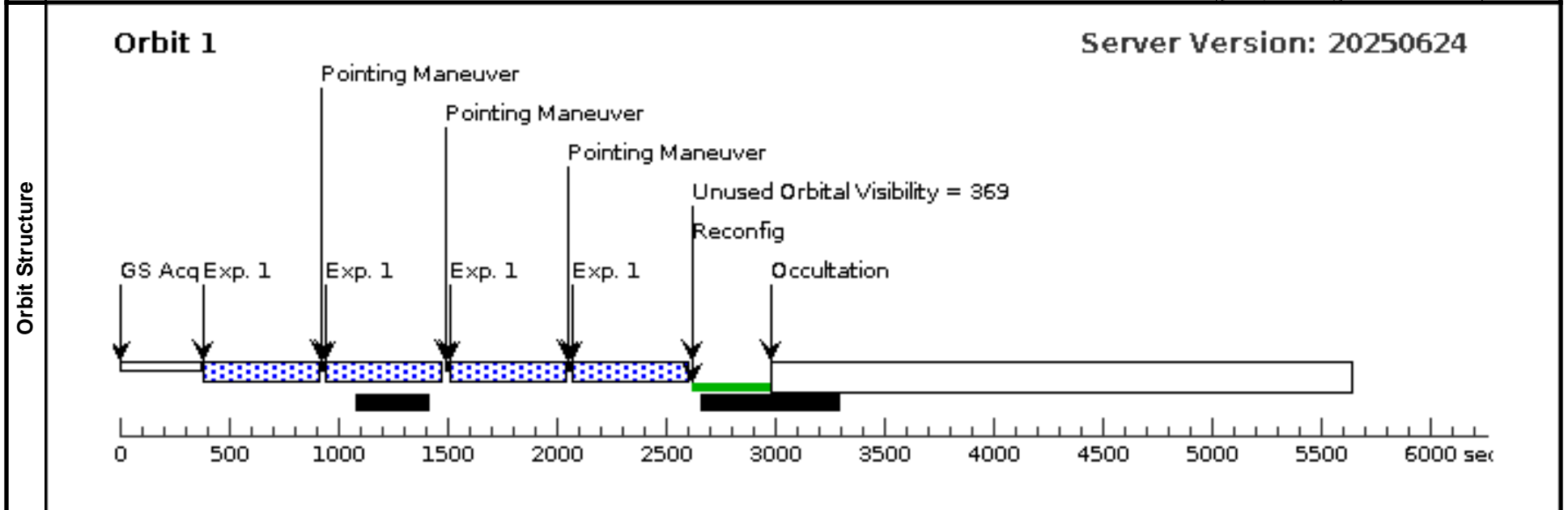
Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 95, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(95)	NGC-3172	RA: 11 47 11.9040 (176.7996000d)	Epoch of Position: 2000.0	V=(?)	Reference Frame: EDD
		Alt Name1: PGC-36847	Dec: +89 05 35.70 (89.09325d)	Radial Velocity: 6057.0 km/sec	J = 10.56; K = 9.23	
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(95) NGC-3172	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 i n Visit 95 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 96 - An Independent High-Precision Distance Ladder for Cosmology

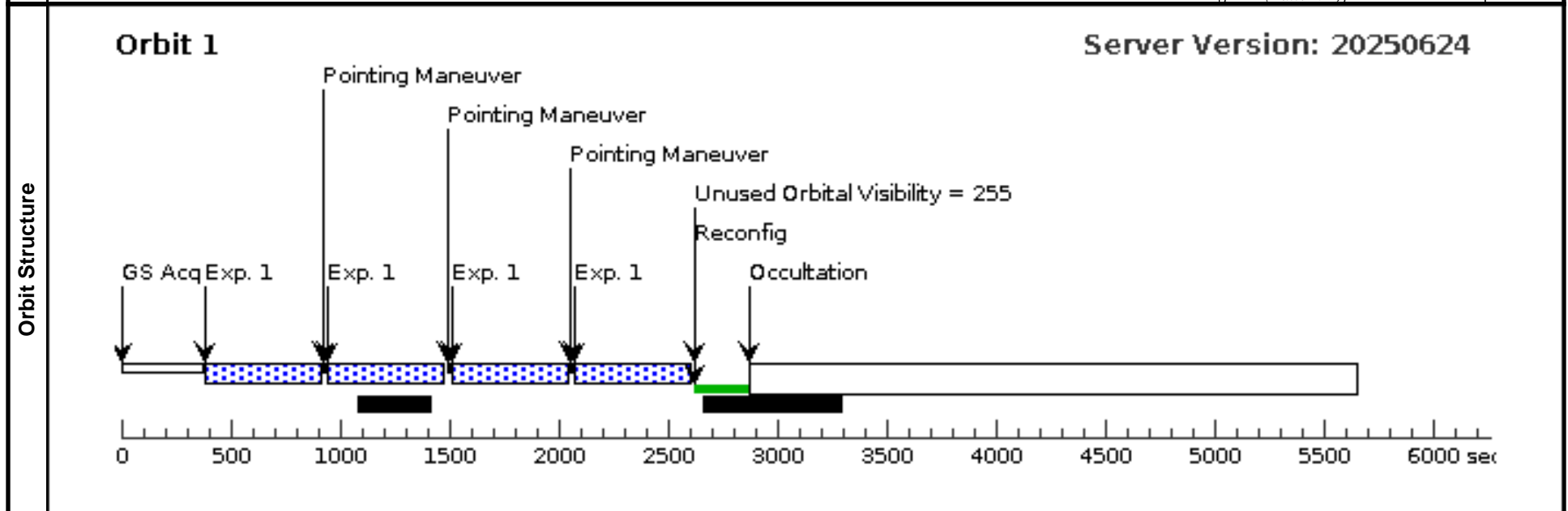
Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 96, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(96)	2MASX-J11542038-5146519 Alt Name1: PGC-3073577	RA: 11 54 20.4120 (178.5850500d) Dec: -51 46 51.85 (-51.78107d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6304.0 km/sec	V=(?) J = 11.03; K = 9.79	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(96) 2MASX-J11542038-5146519	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 96 (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Visit	Proposal 17436, Visit 97, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

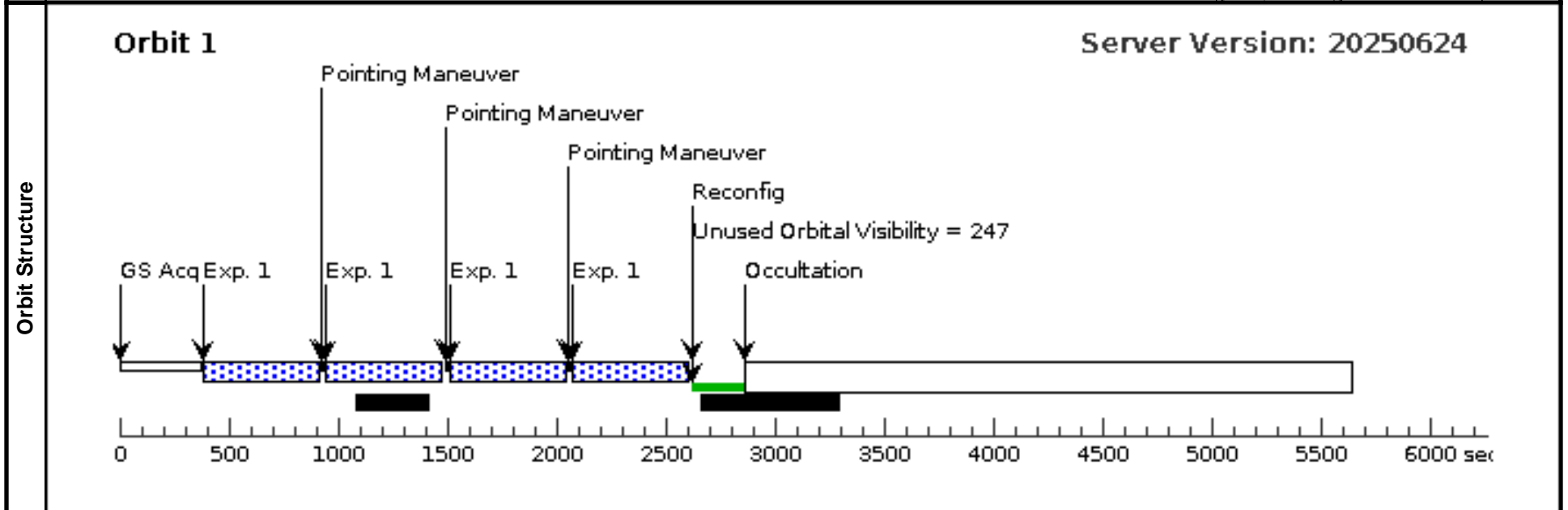
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(97)	NGC-4006	RA: 11 58 5.7792 (179.5240800d) Alt Name1: PGC-37655 Equinox: J2000	Dec: -02 07 12.25 (-2.12007d)	Epoch of Position: 2000.0 Radial Velocity: 6212.0 km/sec	V=(?) g = 13.50; K = 9.44

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(97) NGC-4006	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 97 (1)	502.936801 Secs (2011.747 Secs)

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 [=>(Pattern 3)]
 [=>(Pattern 4)]



Proposal 17436 - Visit 98 - An Independent High-Precision Distance Ladder for Cosmology

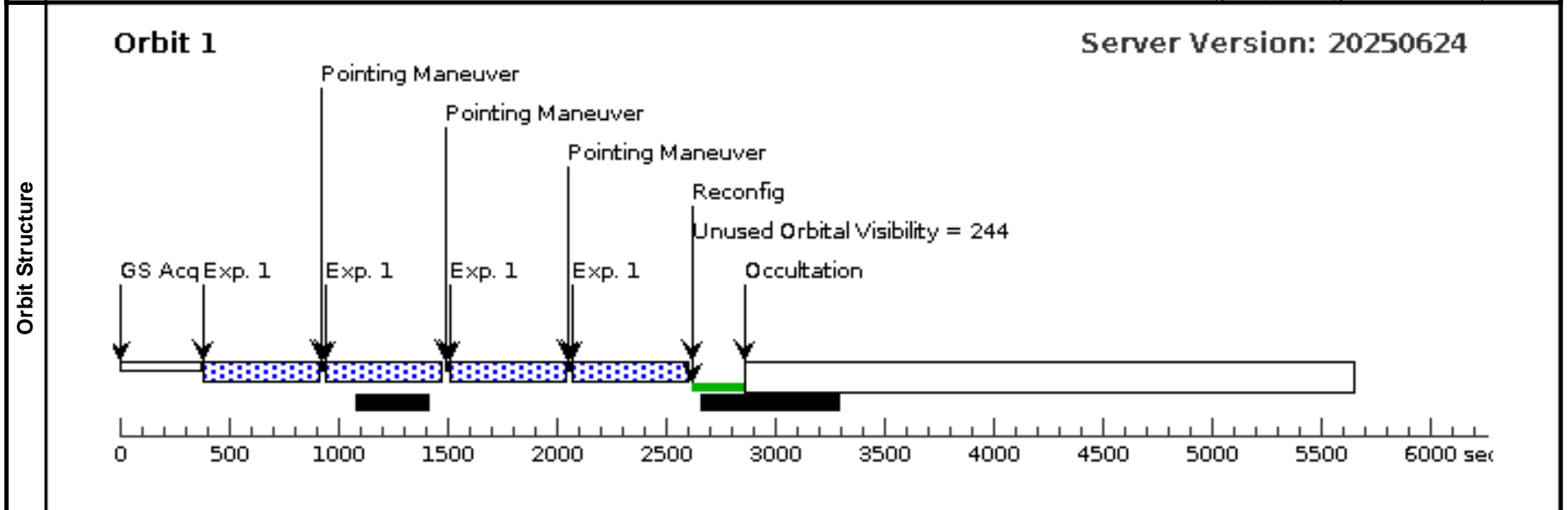
Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 98, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(98)	ESO-510-G009	RA: 13 54 18.9000 (208.5787500d)	Epoch of Position: 2000.0	V=(?)	Reference Frame: EDD
		Alt Name1: PGC-49421	Dec: -26 52 24.60 (-26.87350d)	Radial Velocity: 6268.0 km/sec	R = 12.03; K = 9.47	
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(98) ESO-510-G009	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 98 (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



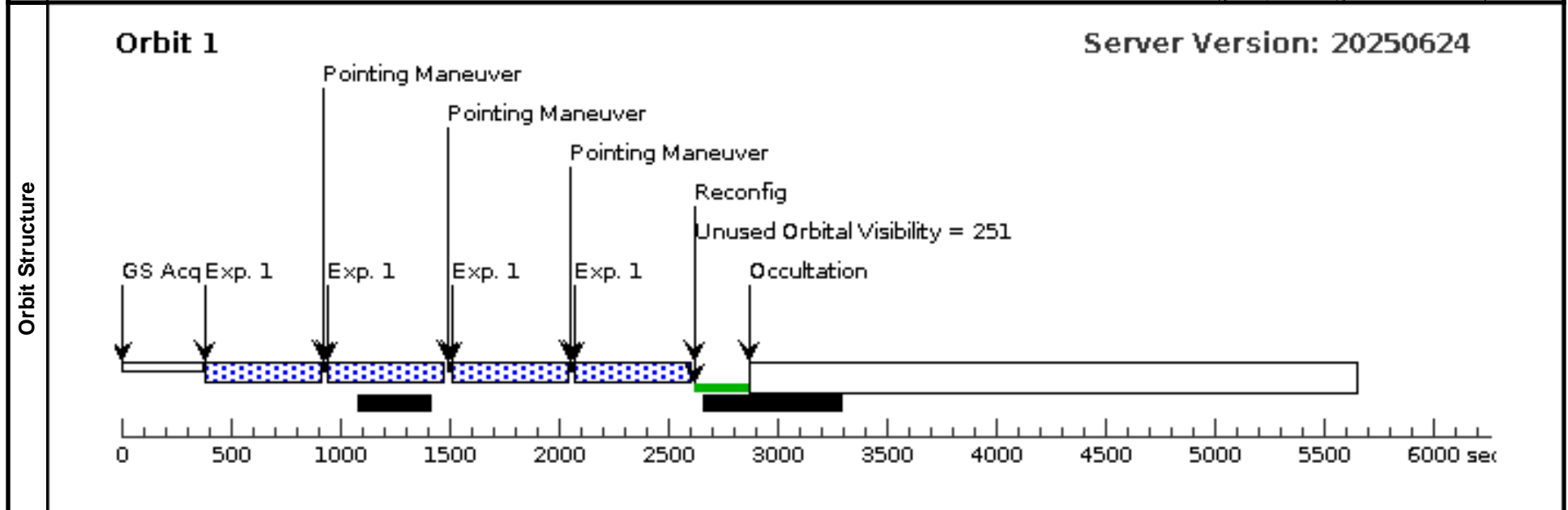
Visit	Proposal 17436, Visit 99, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(99)	UGC-10097	RA: 15 55 43.2840 (238.9303500d) Alt Name1: PGC-56398	Dec: +47 52 2.39 (47.86733d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6009.0 km/sec	V=(?) g = 13.42; K = 9.38

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(99) UGC-10097	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 99 (1)	502.936801 Secs (2011.747 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]



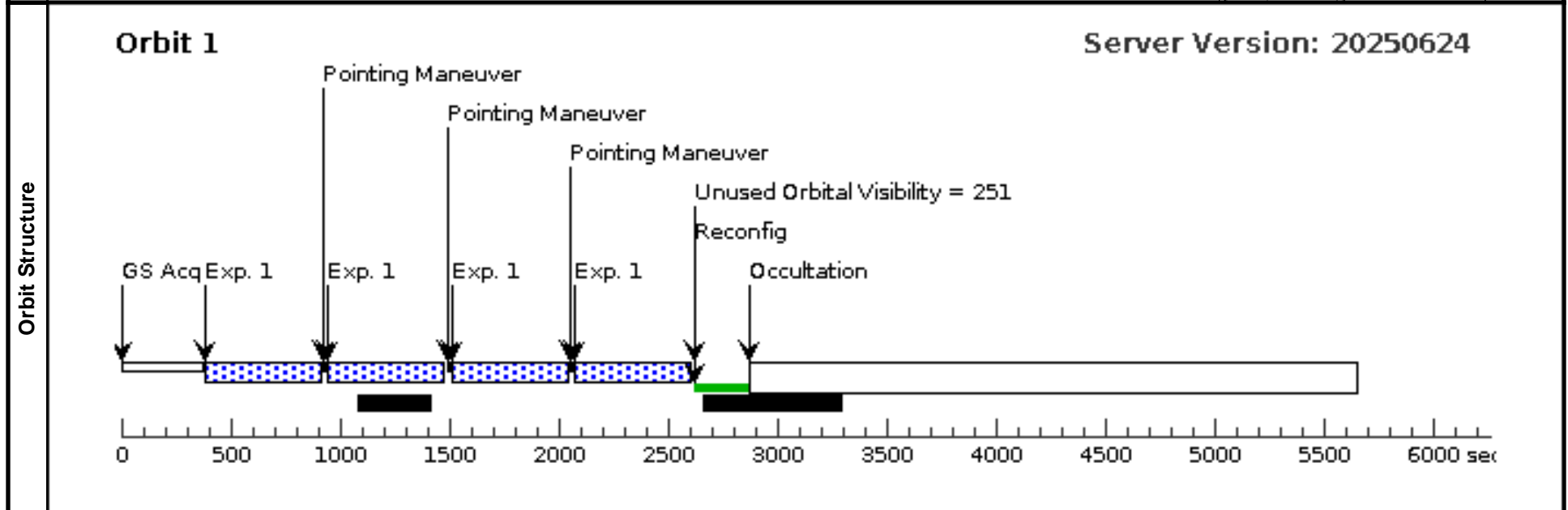
Visit	Proposal 17436, Visit 0A, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(100)	IC-1153	RA: 15 57 2.9880 (239.2624500d) Alt Name1: PGC-56462 Equinox: J2000	Dec: +48 10 6.24 (48.16840d)	Epoch of Position: 2000.0 Radial Velocity: 5940.0 km/sec	V=(?) g = 13.65; K = 9.68

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(100) IC-1153	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 0A (1)	502.936801 Secs (2011.747 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

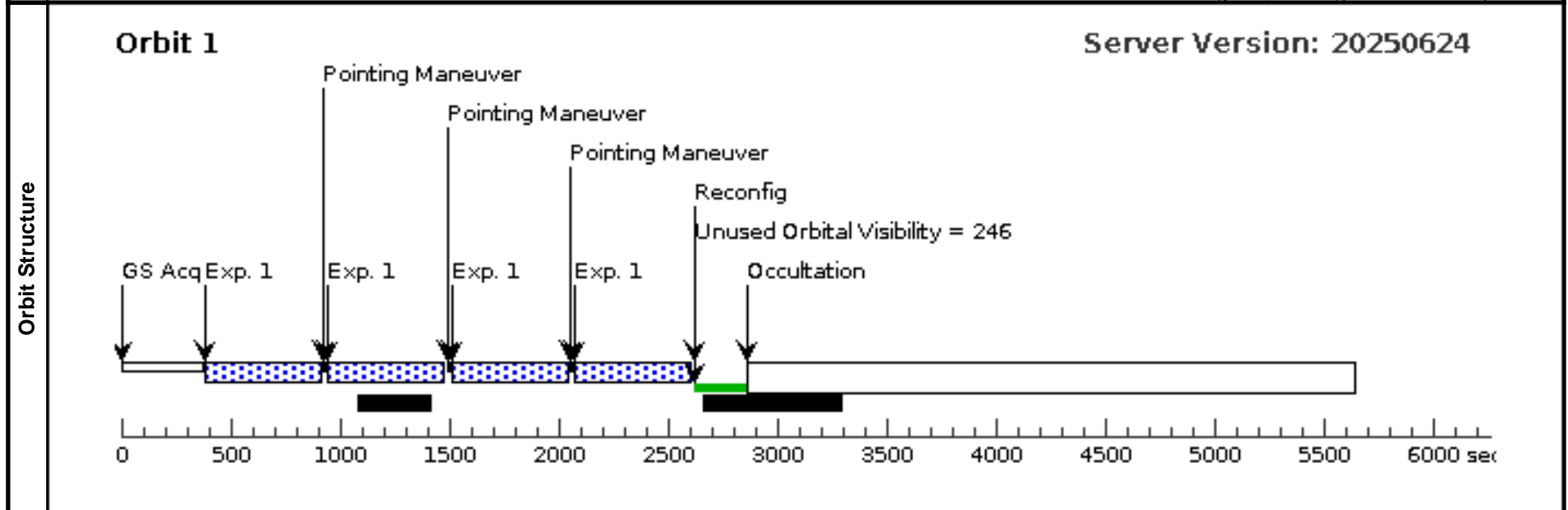


Visit	Proposal 17436, Visit 0B, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(101)	NGC-6375	RA: 17 29 21.8760 (262.3411500d) Alt Name1: PGC-60384 Equinox: J2000	Dec: +16 12 23.69 (16.20658d)	Epoch of Position: 2000.0 Radial Velocity: 6126.0 km/sec	V=(?) J = 10.62; K = 9.37
<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(101)	NGC-6375	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 0B (1)	502.936801 Secs (2011.747 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]

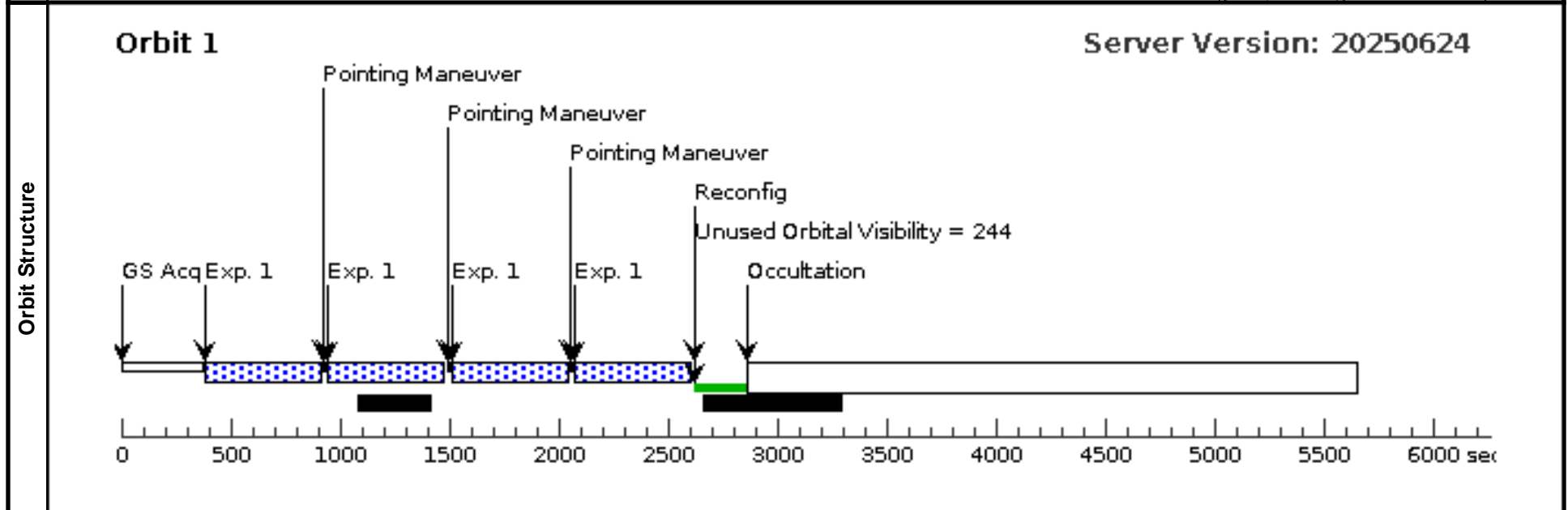


Visit	Proposal 17436, Visit 0C, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(102)	NGC-6442	RA: 17 46 51.0960 (266.7129000d) Dec: +20 45 41.29 (20.76147d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6289.0 km/sec	V=13.36 K = 9.55	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(102) NGC-6442	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0C (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]

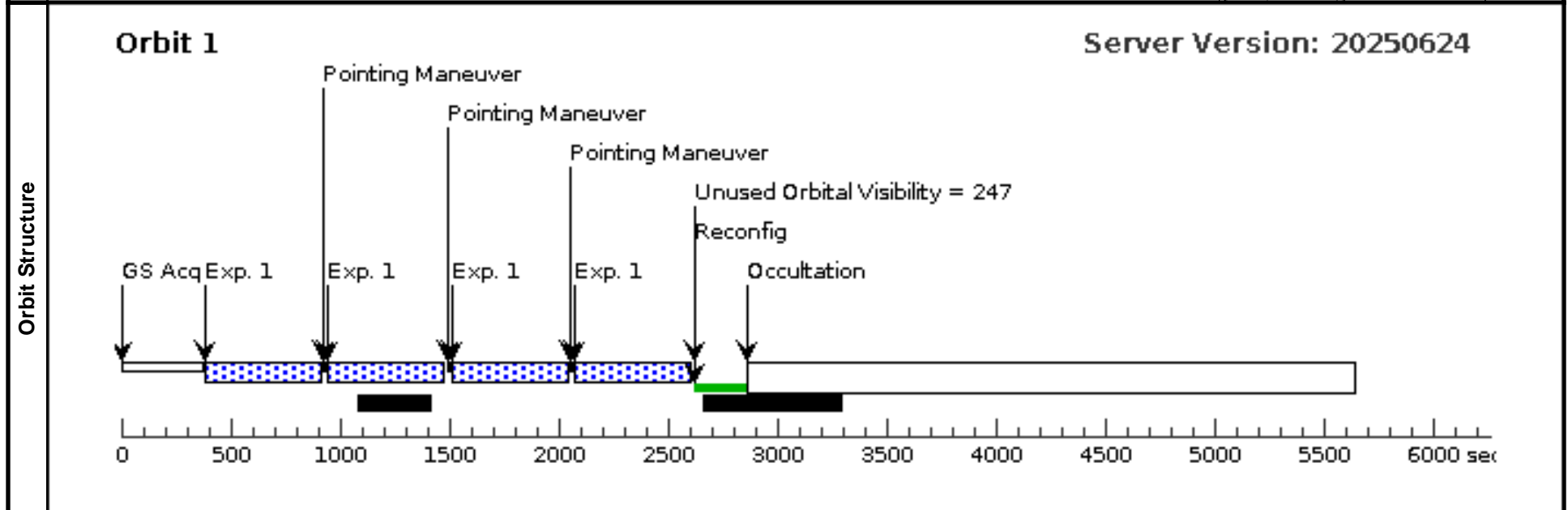


Visit	Proposal 17436, Visit 0D, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(103)	CGCG-084-015	RA: 18 05 0.6720 (271.2528000d) Dec: +09 28 51.56 (9.48099d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6192.0 km/sec	V=(?) J = 10.68; K = 9.6	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(103) CGCG-084-015	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0D (1)	502.936801 Secs (2011.747 Secs)	
			5						[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 0E - An Independent High-Precision Distance Ladder for Cosmology

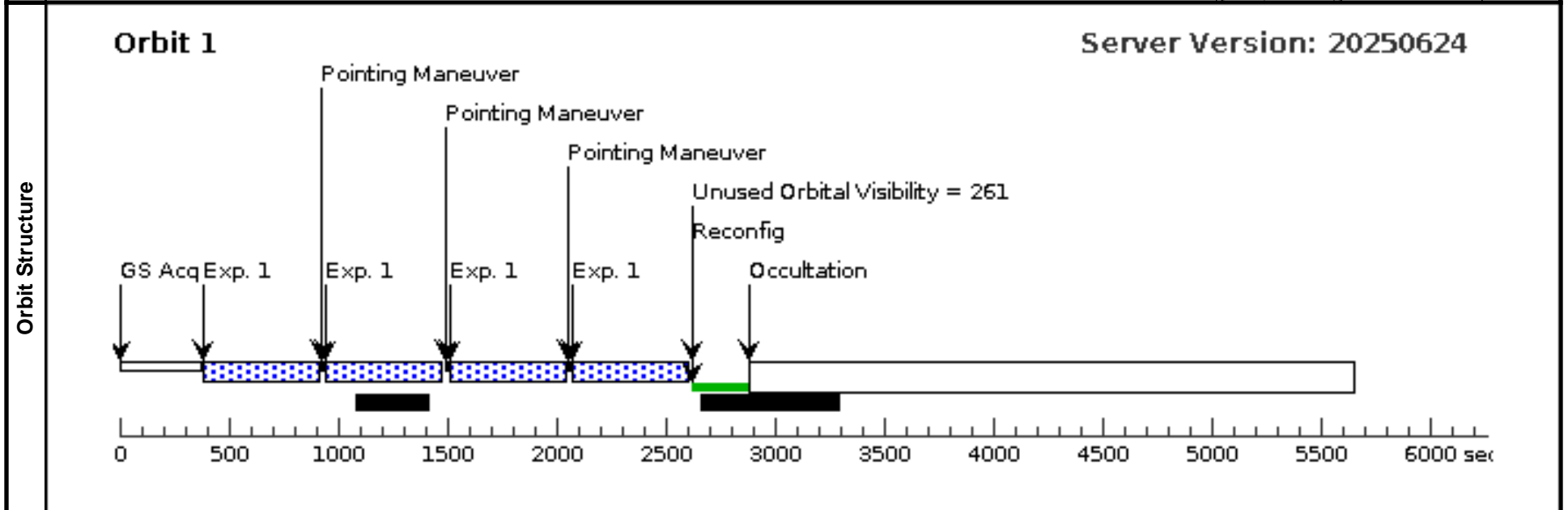
Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 0E, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(104)	PGC-61702	RA: 18 36 58.2120 (279.2425500d)	Epoch of Position: 2000.0	V=(?)	Reference Frame: EDD
		Alt Name1: PGC-62134	Dec: -59 24 8.21 (-59.40228d)	Radial Velocity: 5973.0 km/sec	J = 11.54; K = 9.62	
			Equinox: J2000			
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(104) PGC-61702	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0E (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 0F - An Independent High-Precision Distance Ladder for Cosmology

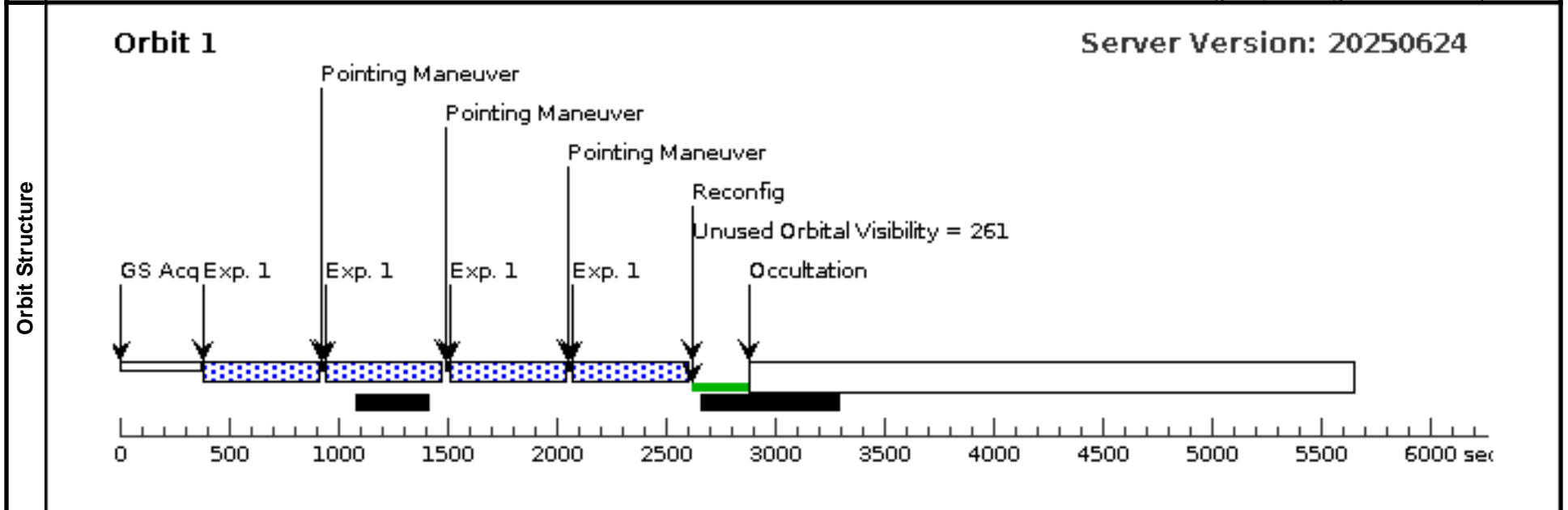
Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 0F, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(105)	ESO-141-G003	RA: 18 46 55.7760 (281.7324000d)	Epoch of Position: 2000.0	V=(?)	Reference Frame: EDD
		Alt Name1: PGC-62394	Dec: -57 41 42.43 (-57.69512d)	Radial Velocity: 6071.0 km/sec	R = 12.27; K = 9.54	
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(105) ESO-141-G003	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0F (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 0G - An Independent High-Precision Distance Ladder for Cosmology

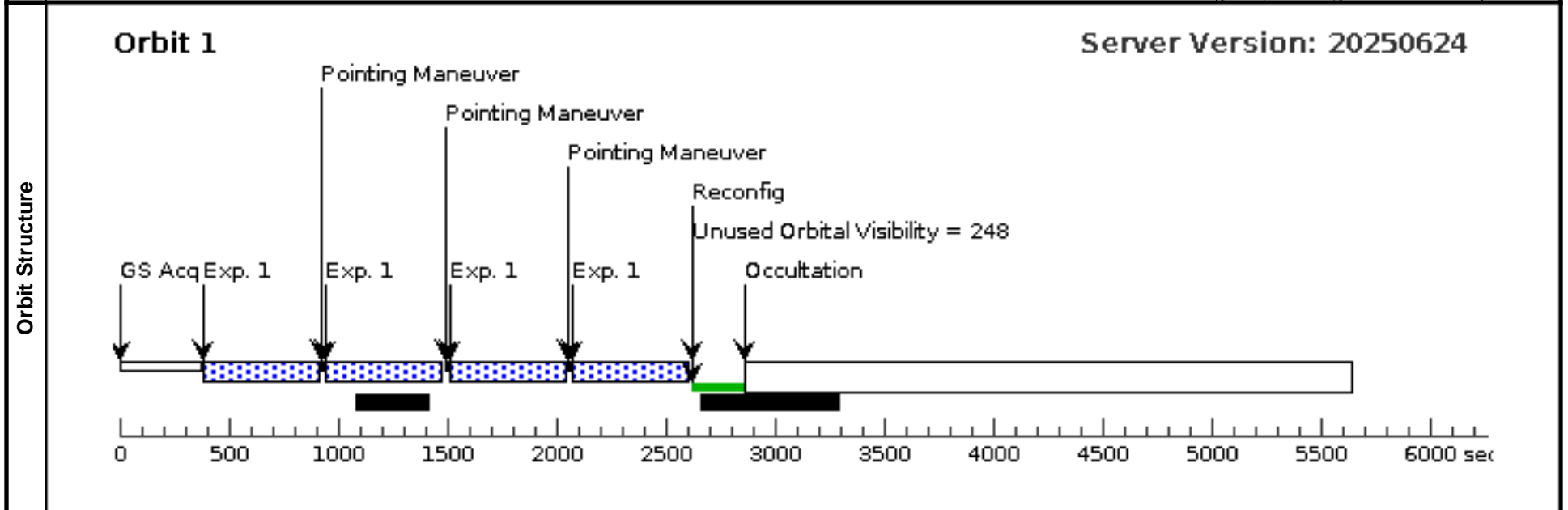
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Visit	Proposal 17436, Visit 0G, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(106)	IC-5180	RA: 22 11 12.0120 (332.8000500d) Dec: +38 55 38.39 (38.92733d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 5680.0 km/sec	V=(?) J = 10.59; K = 9.54	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(106) IC-5180	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0G (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

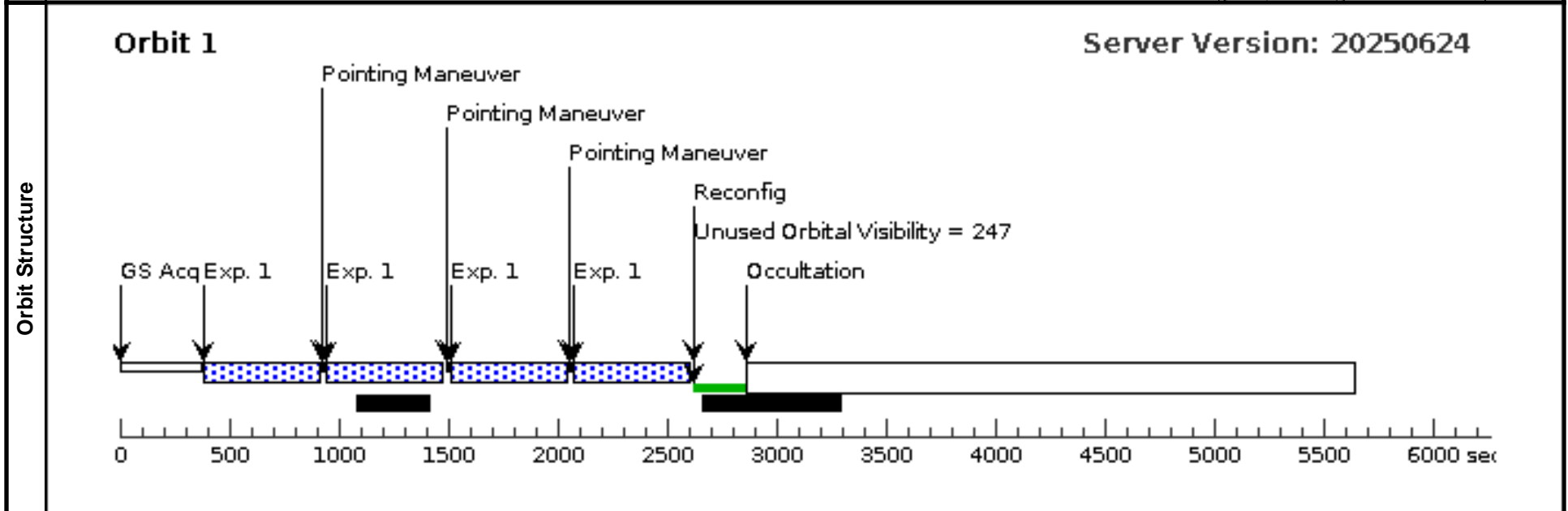


Visit	Proposal 17436, Visit 0H, completed			Thu Nov 06 19:01:02 GMT 2025
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(107)	NGC-7315	RA: 22 35 31.7040 (338.8821000d)	Epoch of Position: 2000.0	V=(?)	Reference Frame: EDD
		Alt Name1: PGC-69241	Dec: +34 48 12.82 (34.80356d)	Radial Velocity: 5987.0 km/sec	J = 10.69; K = 9.7	
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(107) NGC-7315	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0H (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 0I - An Independent High-Precision Distance Ladder for Cosmology

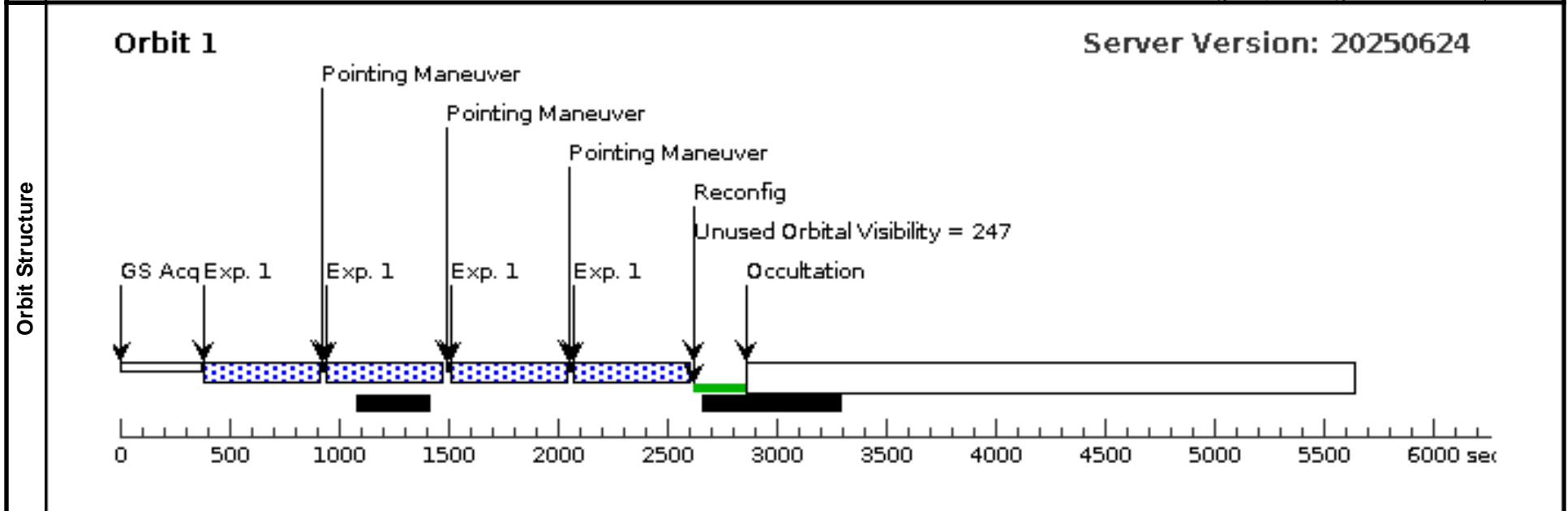
Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 0I, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(108)	UGC-12179	RA: 22 45 3.9240 (341.2663500d)	Epoch of Position: 2000.0	V=(?)	Reference Frame: EDD
		Alt Name1: PGC-69647	Dec: +33 59 46.21 (33.99617d)	Radial Velocity: 6669.0 km/sec	J = 10.82; K = 9.8	
		Comments: Category=GALAXY Description=[LENTICULAR] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(108) UGC-12179	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0I (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]

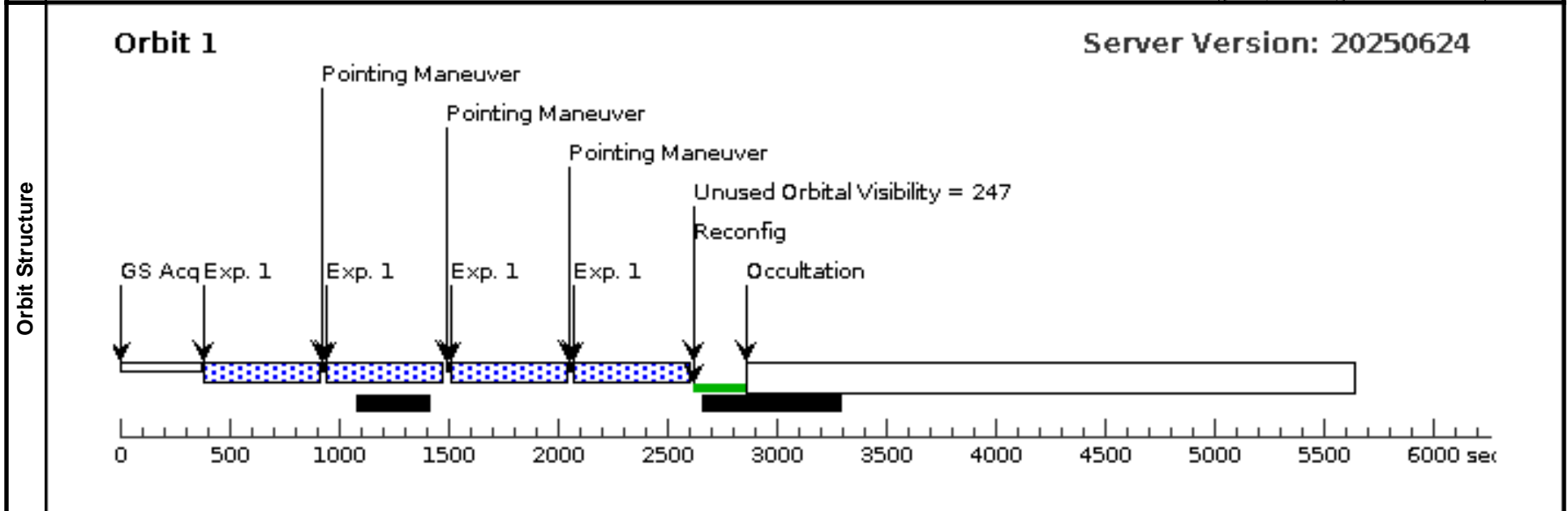


Visit	Proposal 17436, Visit 0J, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(109)	NGC-7774	RA: 23 52 10.7400 (358.0447500d) Dec: +11 28 13.22 (11.47034d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6006.0 km/sec	V=(?) B = 13.85; K = 9.56	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(109) NGC-7774	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0J (1)	502.936801 Secs (2011.747 Secs)	
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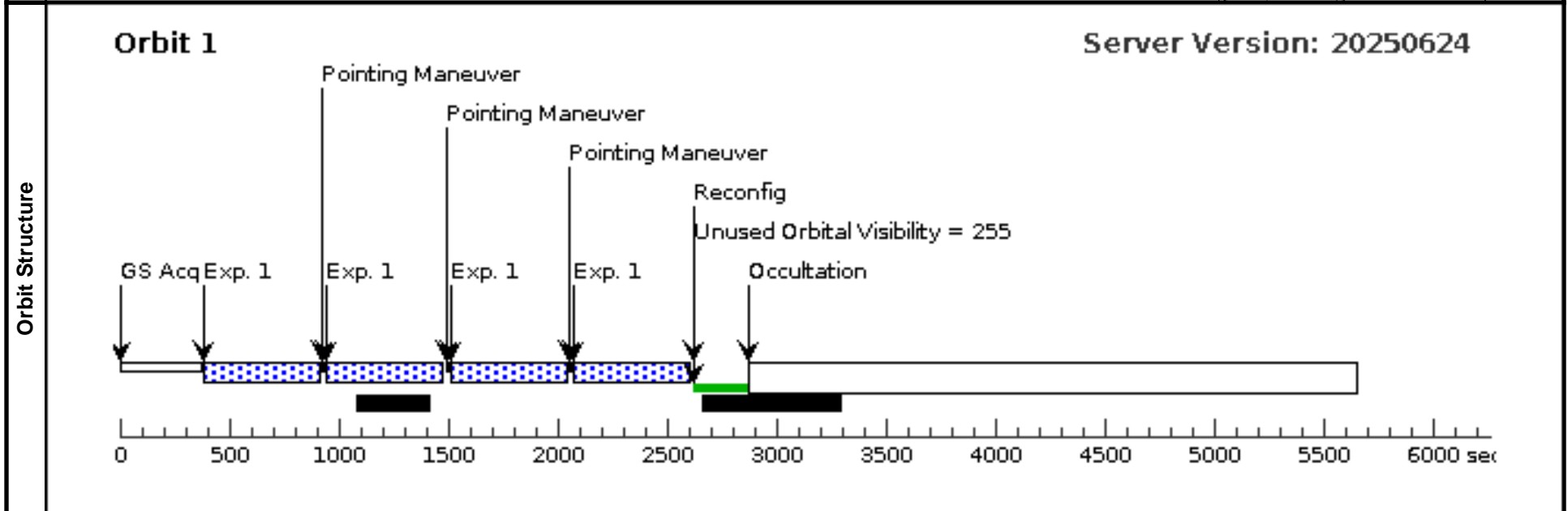
Visit	Proposal 17436, Visit 0K, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(110)	CGCG-551-015 Alt Name1: PGC-4829	RA: 01 20 30.8616 (20.1285900d) Dec: +50 08 39.84 (50.14440d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6777.0 km/sec	V=(?) J = 10.91; K = 9.66	Reference Frame: EDD

Comments:
 Category=GALAXY
 Description=[LENTICULAR]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(110) CGCG-551-015	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0K (1)	502.936801 Secs (2011.747 Secs)	[1]



Proposal 17436 - Visit 0L - An Independent High-Precision Distance Ladder for Cosmology

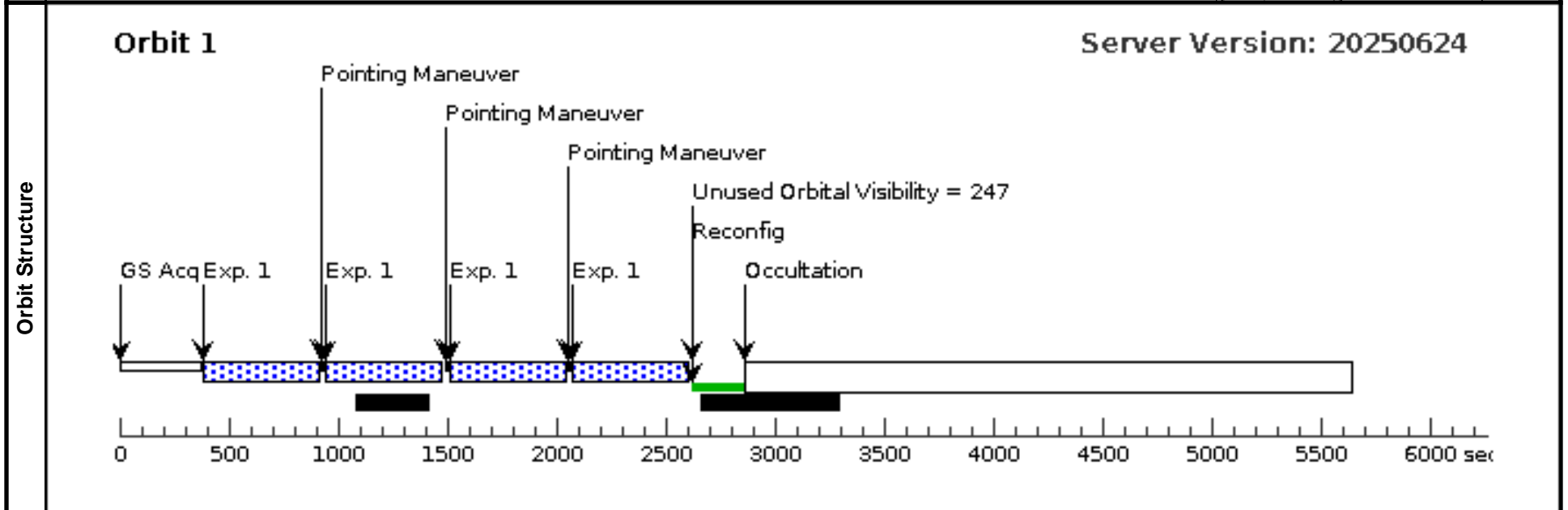
Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 0L, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(111)	PGC-1001146	RA: 06 19 3.7399 (94.7655829d)	Epoch of Position: 2000.0	V=(?)	Reference Frame: EDD
		Alt Name1: LEDA-1001146	Dec: -08 38 12.90 (-8.63692d)	Radial Velocity: 6302.0 km/sec	J = 10.90; K = 9.48	
		Comments: Category=GALAXY Description=[ELLIPTICAL] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(111) PGC-1001146	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0L (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 0M - An Independent High-Precision Distance Ladder for Cosmology

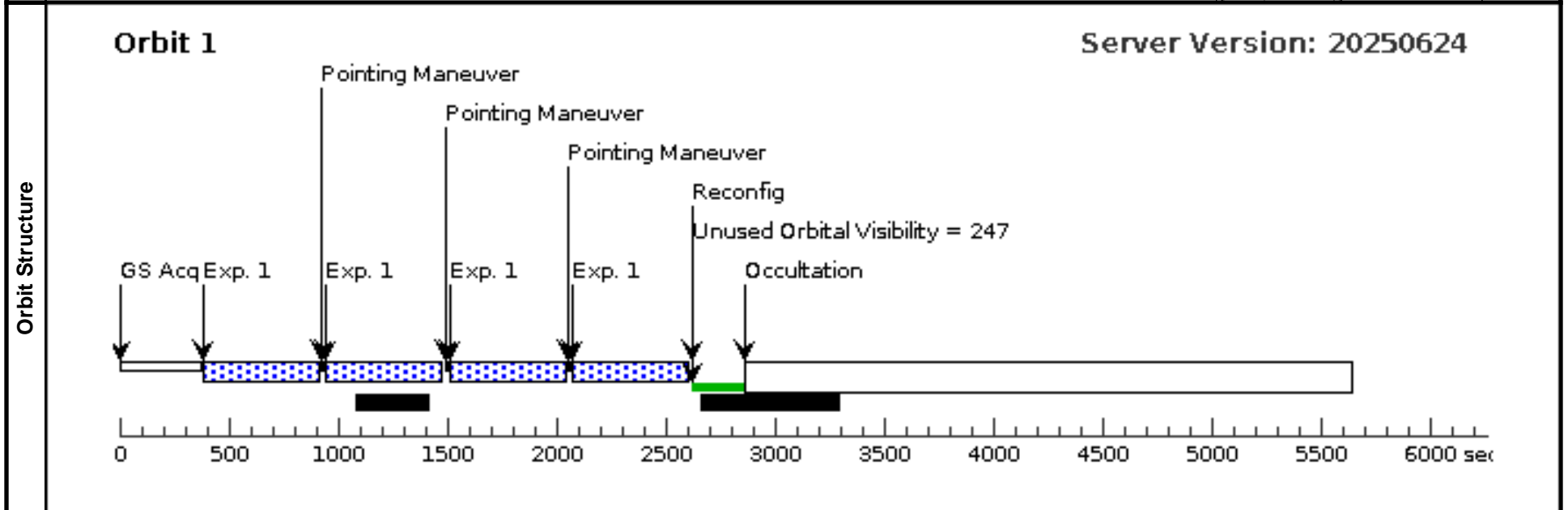
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Visit	Proposal 17436, Visit 0M, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(112)	IC-0574	RA: 09 54 27.0283 (148.6126179d) Dec: -06 57 12.18 (-6.95338d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6459.0 km/sec	V=(?) J = 10.92; K = 9.76	Reference Frame: NED
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(112) IC-0574	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0M (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 0N - An Independent High-Precision Distance Ladder for Cosmology

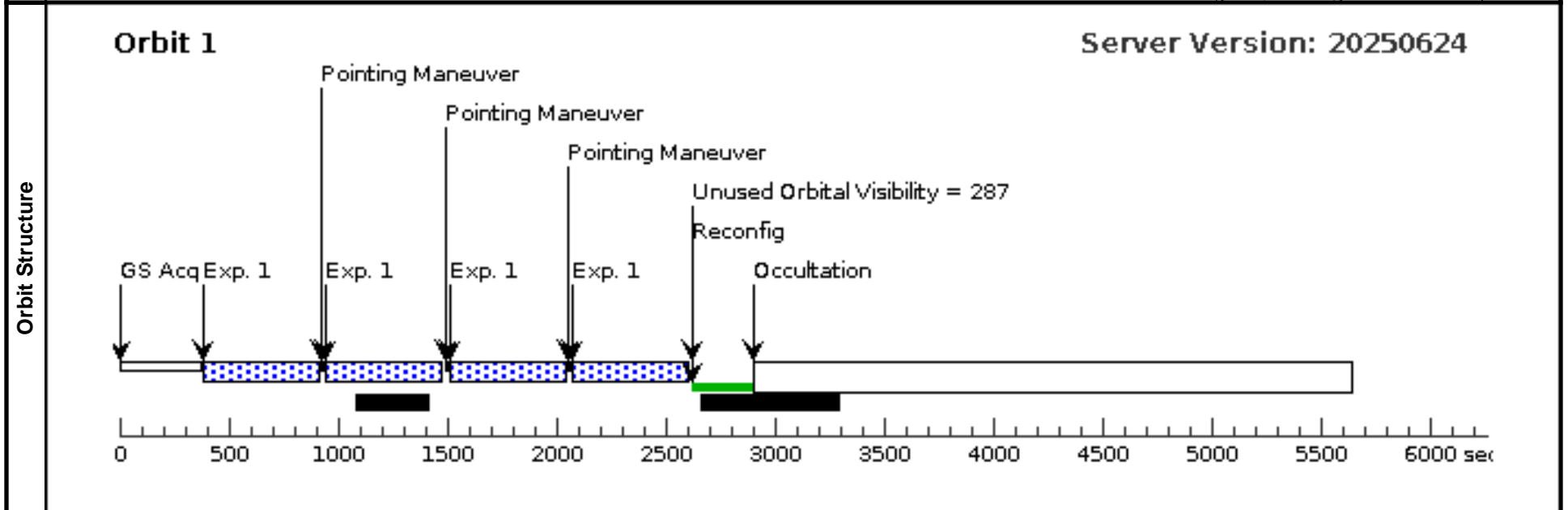
Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 0N, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(113)	NGC-3343	RA: 10 46 10.4501 (161.5435421d)	Epoch of Position: 2000.0	V=(?)	Reference Frame: NED
		Alt Name1: PGC-32143	Dec: +73 21 11.27 (73.35313d)	Radial Velocity: 6357.0 km/sec	J = 10-.57; K = 9.52	
			Equinox: J2000			
		<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES				

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(113) NGC-3343	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0N (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



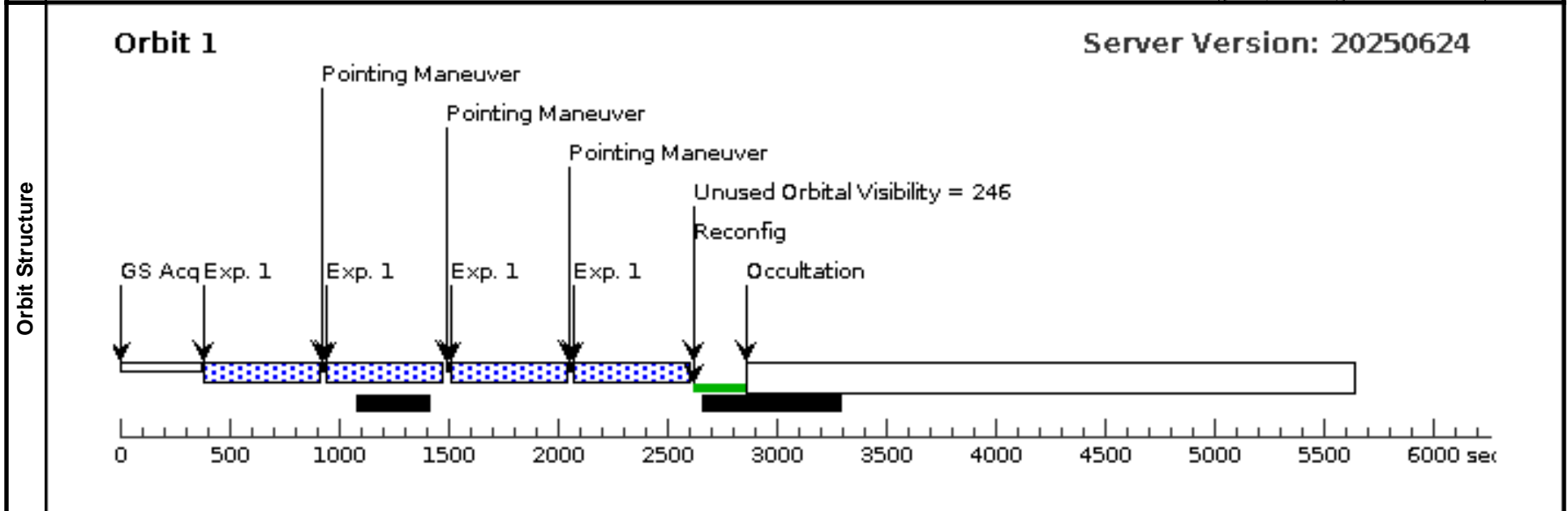
Visit	Proposal 17436, Visit 0P, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(114)	IC-0642	RA: 10 48 8.1259 (162.0338579d) Alt Name1: PGC-32278 Equinox: J2000	Dec: +18 11 19.30 (18.18869d)	Epoch of Position: 2000.0 Radial Velocity: 6337.0 km/sec	V=(?) g = 13.50; K = 9.71

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(114) IC-0642	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 0P (1)	502.936801 Secs (2011.747 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]



Proposal 17436 - Visit 0Q - An Independent High-Precision Distance Ladder for Cosmology

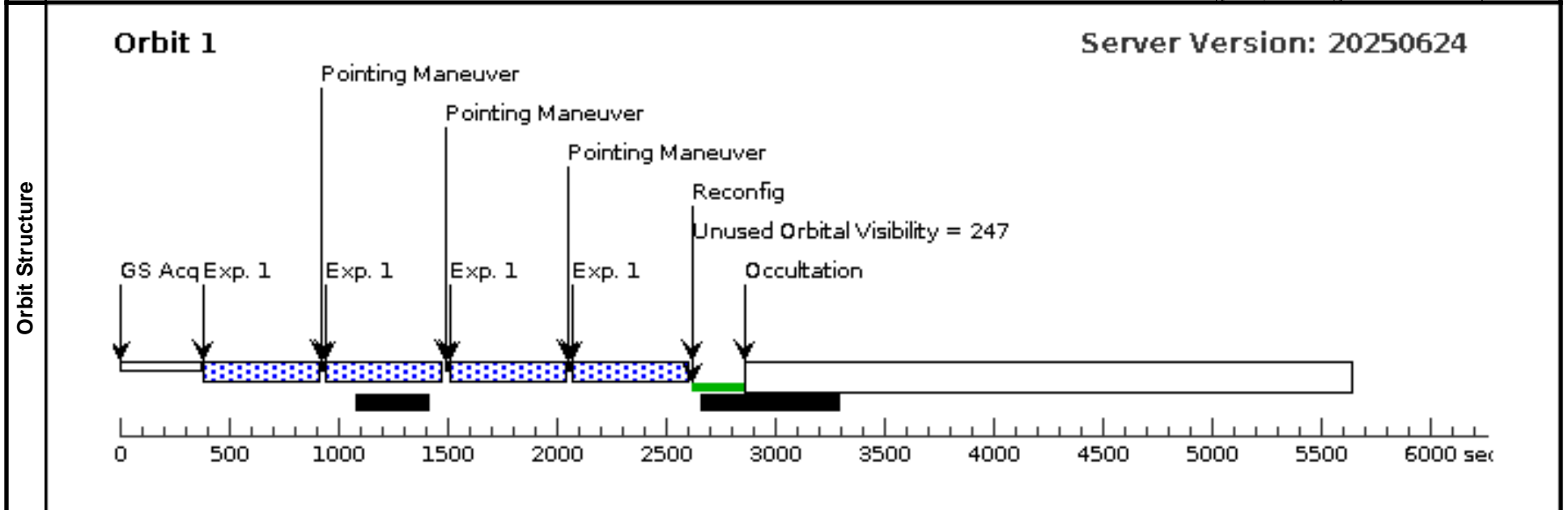
Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 0Q, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(115)	ESO-381-G012	RA: 12 44 5.2601 (191.0219171d) Dec: -34 12 7.50 (-34.20208d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6341.0 km/sec	V=12.3 K = 9.81	Reference Frame: NED
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(115) ESO-381-G01 2	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0Q (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Visit	Proposal 17436, Visit 0R, completed			Thu Nov 06 19:01:02 GMT 2025
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

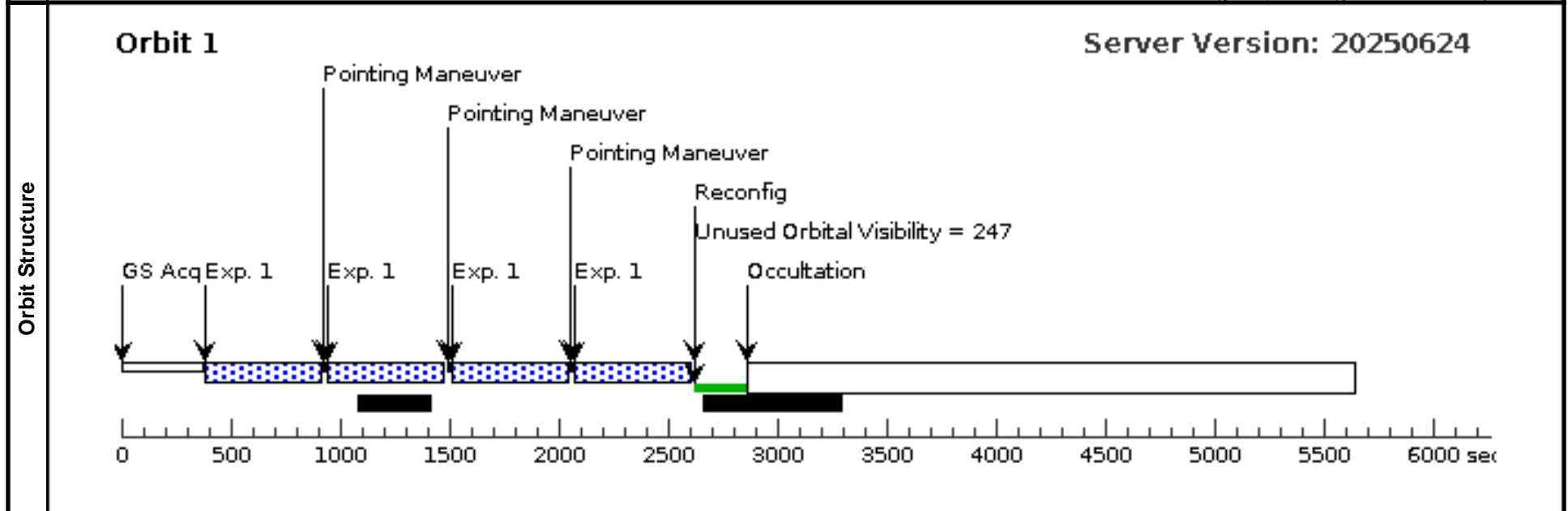
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(116)	UGC-12242	RA: 22 54 25.5324 (343.6063850d) Alt Name1: PGC-69970	Dec: +32 27 6.22 (32.45173d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6430.0 km/sec	V=12.73 K = 9.82

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(116) UGC-12242	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 0R (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
 [=>(Pattern 2)]
 [=>(Pattern 3)]
 [=>(Pattern 4)]



Visit	Proposal 17436, Visit 0S, completed			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

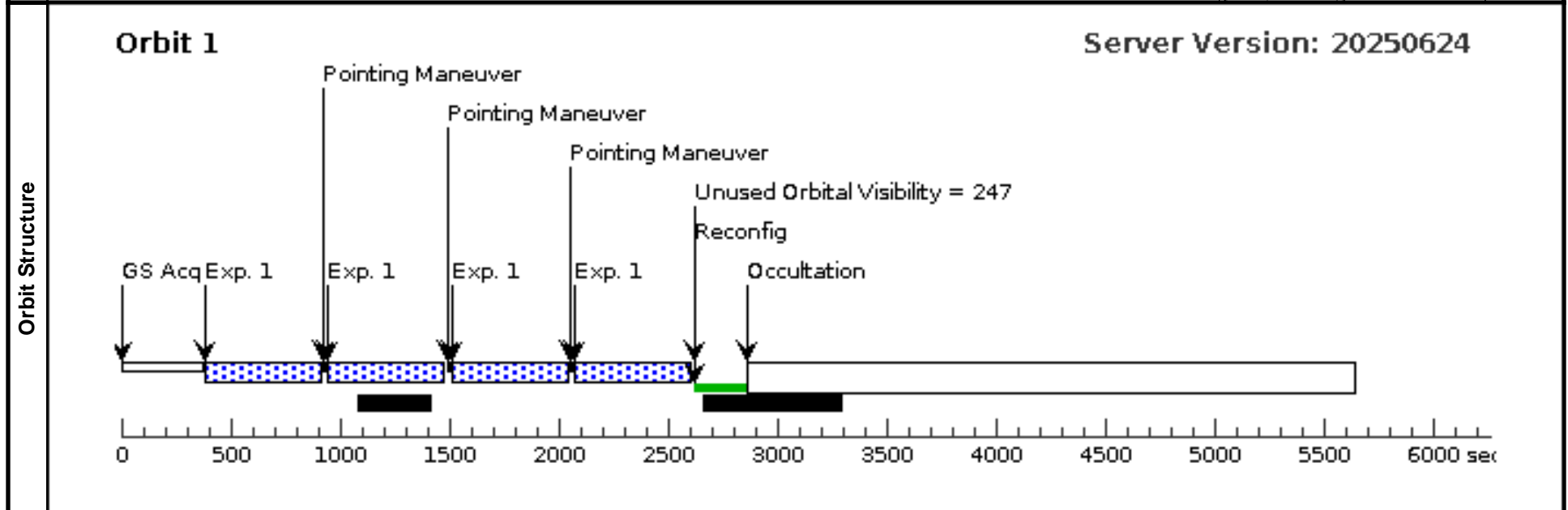
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(117)	NGC-0071	RA: 00 18 23.5440 (4.5981000d) Alt Name1: PGC-1197 Equinox: J2000	Dec: +30 03 47.70 (30.06325d)	Epoch of Position: 2000.0 Radial Velocity: 6369.0 km/sec	V=13.2 K = 9.52

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(117) NGC-0071	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 0S (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
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 [=>(Pattern 3)]
 [=>(Pattern 4)]



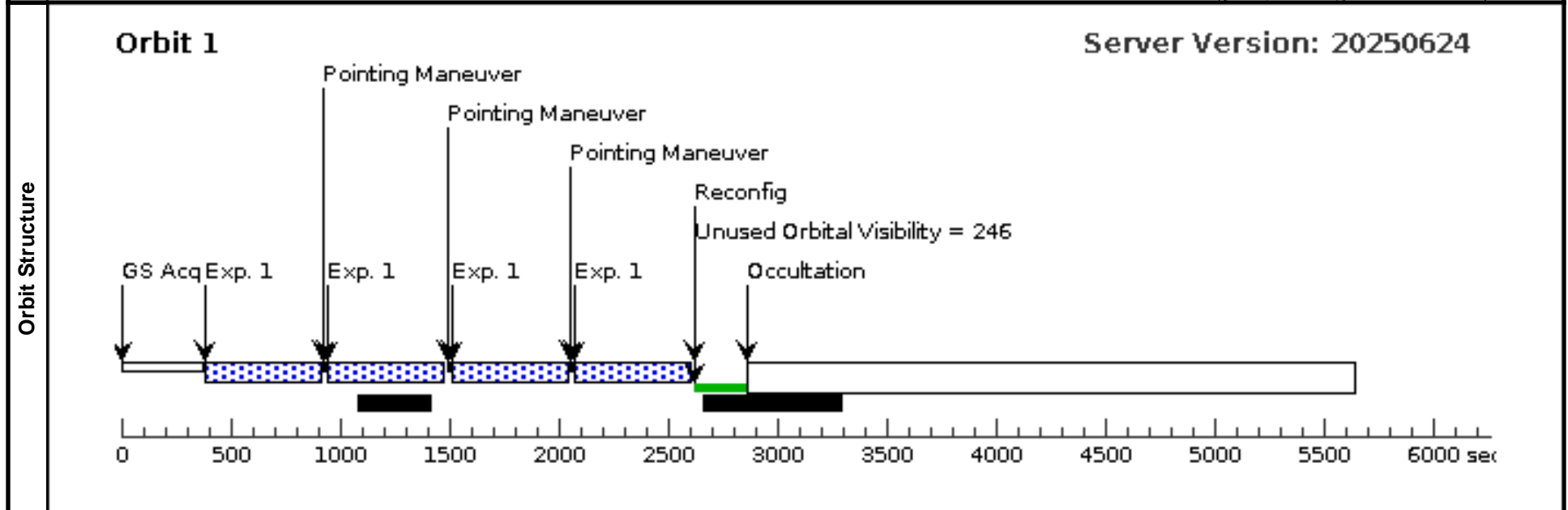
Visit	Proposal 17436, Visit 0T, completed			Thu Nov 06 19:01:02 GMT 2025
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: WFC3/IR			
	Special Requirements: SCHED 100%			

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(118)	NGC-3426	RA: 10 51 41.7600 (162.9240000d) Alt Name1: PGC-32577 Equinox: J2000	Dec: +18 28 51.35 (18.48093d)	Epoch of Position: 2000.0 Radial Velocity: 6420.0 km/sec	V=(?) g = 13.64; K = 9.86

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(118) NGC-3426	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 0T (1)	502.936801 Secs (2011.747 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]

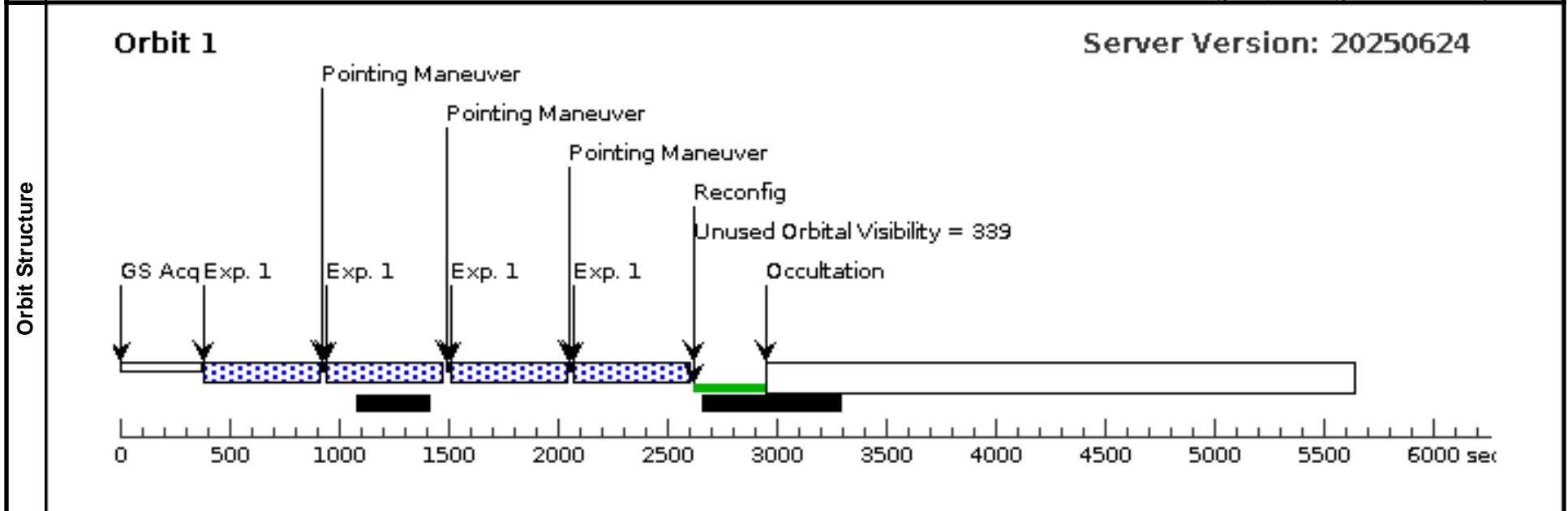


Visit	Proposal 17436, Visit 0U, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(119)	IC-1143	RA: 15 30 56.4480 (232.7352000d) Dec: +82 27 20.88 (82.45580d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6523.0 km/sec	V=(?) J = 10.61; K = 9.49	Reference Frame: EDD
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(119) IC-1143	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0U (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Visit	Proposal 17436, Visit 0V, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

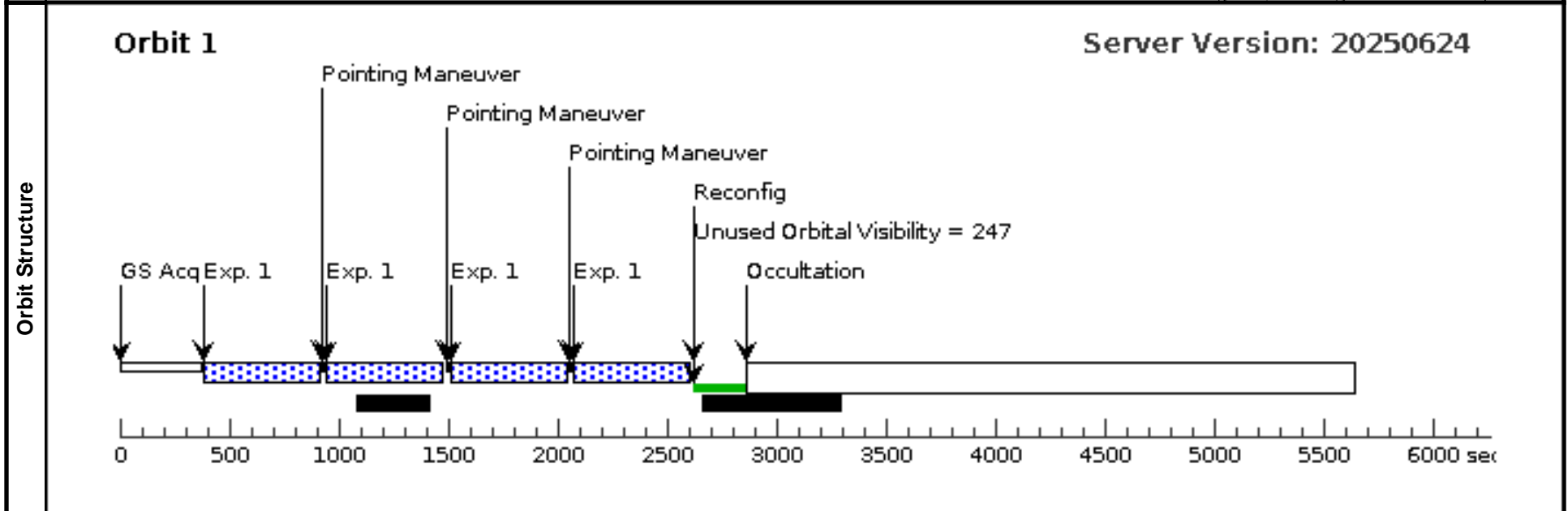
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(120)	UGC-10918	RA: 17 37 33.4200 (264.3892500d) Alt Name1: PGC-60591 Equinox: J2000	Dec: +11 07 17.98 (11.12166d)	Epoch of Position: 2000.0 Radial Velocity: 6430.0 km/sec	V=(?) J = 10.44; K = 9.25

Comments:
 Category=GALAXY
 Description=[ELLIPTICAL]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(120) UGC-10918	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 1, Exps 1-1 in Visit 0V (1)	502.936801 Secs (2011.747 Secs)

[=>(Pattern 1)]
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 [=>(Pattern 4)]

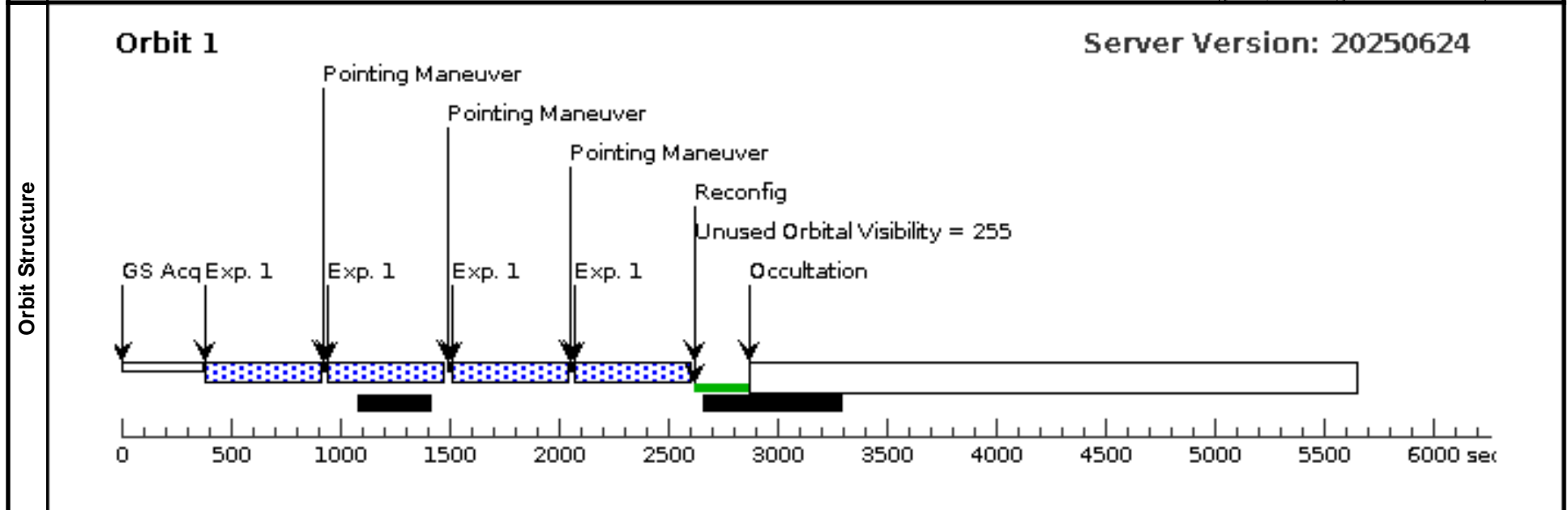


Visit	Proposal 17436, Visit 0X, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(122)	ESO-215-G010	RA: 10 58 12.5904 (164.5524600d) Dec: -50 26 36.10 (-50.44336d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6167 km/sec	V=(?) J = 11.17; K = 9.48	Reference Frame: NED
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(122) ESO-215-G010	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0X (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

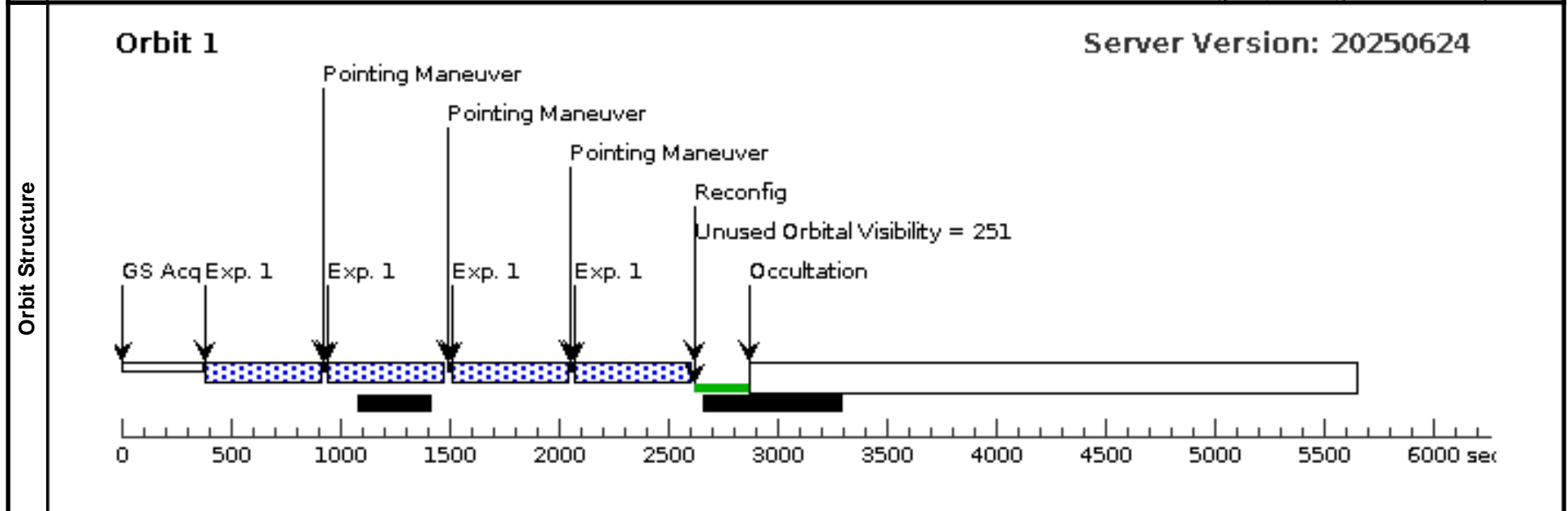


Visit	Proposal 17436, Visit 0Y, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(123)	PGC-32955	RA: 10 57 47.5392 (164.4480800d) Dec: -47 50 34.01 (-47.84278d) Equinox: J2000	Epoch of Position: 2000.0 Radial Velocity: 6051 km/sec	V=(?) K = 9.66	Reference Frame: NED
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(123) PGC-32955	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 0Y (1)	502.936801 Secs (2011.747 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 17436 - Visit 1F - An Independent High-Precision Distance Ladder for Cosmology

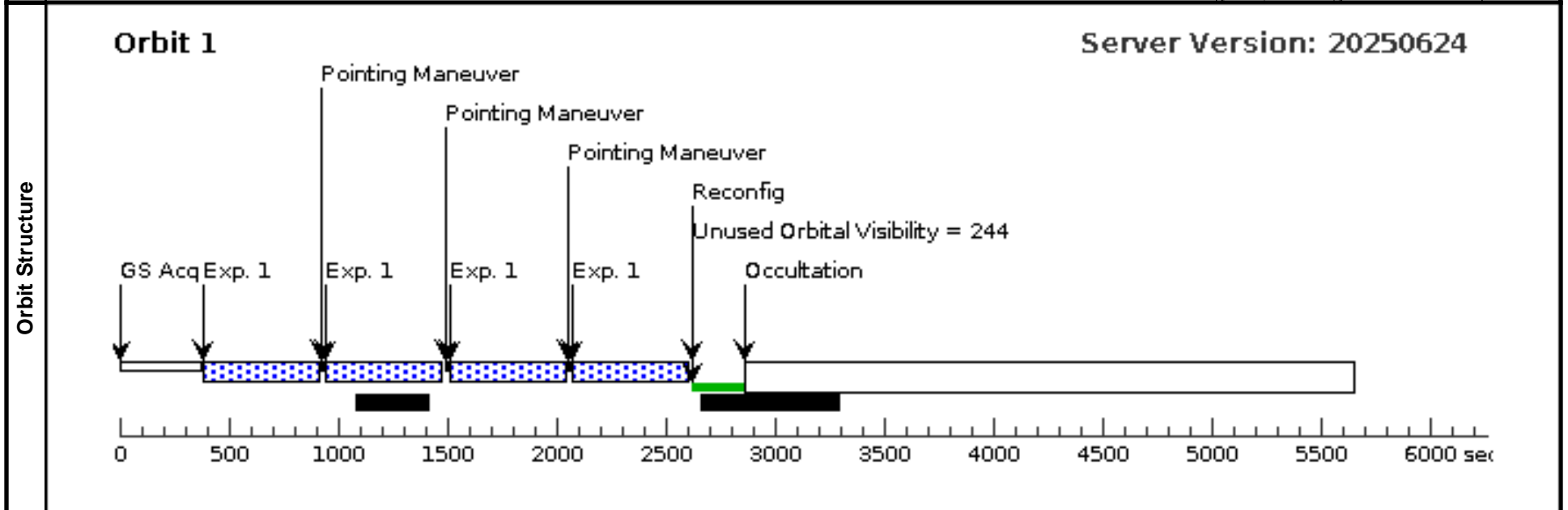
Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 1F, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(39)	ESO-507-G021	RA: 12 50 28.6000 (192.6191667d) Dec: -26 50 33.20 (-26.84256d) Equinox: J2000	Radial Velocity: 3168.0 km/sec	V=(?) K=9.27, (J-H)=0.68	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[LENTICULAR] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(39) ESO-507-G021	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 1F (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 17436 - Visit 1G - An Independent High-Precision Distance Ladder for Cosmology

Thu Nov 06 19:01:02 GMT 2025

Visit	Proposal 17436, Visit 1G, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: WFC3/IR		
	Special Requirements: SCHED 100%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=1.144 Line Spacing=0.73	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(60)	ESO-445-G028	RA: 13 47 18.7000 (206.8279167d) Dec: -29 48 32.10 (-29.80892d) Equinox: J2000	Radial Velocity: 4531.0 km/sec	V=(?) K=9.8, (J-H)=0.7	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[ELLIPTICAL] Extended=YES					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(60) ESO-445-G028	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 1, Exps 1-1 in Visit 1G (1)	502.936801 Secs (2011.747 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]

