17815 - DISCS: Direct Imaging Survey of Circumgalactic Structure

Cycle: 32, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Dr. Erin Boettcher (CoI)	University of Maryland
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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) PG0117+213	ACS/WFC	1	24-Jul-2026 09:00:16.0	yes
26	(1) PG0117+213	ACS/WFC	1	24-Jul-2026 09:00:16.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
02	(2) HE0515-4414	ACS/WFC	1	24-Jul-2026 09:00:17.0	yes
22	(2) HE0515-4414	ACS/WFC	1	24-Jul-2026 09:00:17.0	yes
03	(3) QSO-J1019+2745	ACS/WFC	1	24-Jul-2026 09:00:17.0	yes
04	(4) QSO-B1122-168	ACS/WFC	1	24-Jul-2026 09:00:17.0	yes
05	(5) J0028-3305	ACS/WFC	1	24-Jul-2026 09:00:18.0	yes
06	(6) J0110-1648	ACS/WFC	1	24-Jul-2026 09:00:18.0	yes
07	(7) J0111-0316	ACS/WFC	1	24-Jul-2026 09:00:18.0	yes
31	(7) J0111-0316	ACS/WFC	1	24-Jul-2026 09:00:19.0	yes
08	(8) J0114-4129	ACS/WFC	1	24-Jul-2026 09:00:19.0	yes
27	(8) J0114-4129	ACS/WFC	1	24-Jul-2026 09:00:19.0	yes
09	(9) J0119-2010	ACS/WFC	1	24-Jul-2026 09:00:20.0	yes
28	(9) J0119-2010	ACS/WFC	1	24-Jul-2026 09:00:20.0	yes
32	(9) J0119-2010	ACS/WFC	1	24-Jul-2026 09:00:20.0	yes
35	(9) J0119-2010	ACS/WFC	1	24-Jul-2026 09:00:21.0	yes
10	(10) J0154-0712	ACS/WFC	1	24-Jul-2026 09:00:21.0	yes
11	(11) J0248-4048	ACS/WFC	1	24-Jul-2026 09:00:21.0	yes
12	(12) J0333-4102	ACS/WFC	1	24-Jul-2026 09:00:22.0	yes
13	(13) J0357-4812	ACS/WFC	1	24-Jul-2026 09:00:23.0	yes
33	(13) J0357-4812	ACS/WFC	1	24-Jul-2026 09:00:23.0	yes
34	(13) J0357-4812	ACS/WFC	1	24-Jul-2026 09:00:23.0	yes
14	(14) J0420-5650	ACS/WFC	1	24-Jul-2026 09:00:23.0	yes
15	(15) J0454-6116	ACS/WFC	1	24-Jul-2026 09:00:24.0	yes
21	(15) J0454-6116	ACS/WFC	1	24-Jul-2026 09:00:24.0	yes
23	(15) J0454-6116	ACS/WFC	1	24-Jul-2026 09:00:24.0	yes
16	(16) J2135-5316	ACS/WFC	1	24-Jul-2026 09:00:24.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
17	(17) J2308-5258	ACS/WFC	1	24-Jul-2026 09:00:25.0	yes
18	(18) J2339-5523	ACS/WFC	1	24-Jul-2026 09:00:25.0	yes
19	(19) J2245-4931	ACS/WFC	1	24-Jul-2026 09:00:25.0	yes
20	(20) Q0454+0356	ACS/WFC	1	24-Jul-2026 09:00:26.0	yes
24	(5) J0028-3305	ACS/WFC	1	24-Jul-2026 09:00:26.0	yes
29	(5) J0028-3305	ACS/WFC	1	24-Jul-2026 09:00:26.0	yes
25	(18) J2339-5523	ACS/WFC	1	24-Jul-2026 09:00:27.0	yes
30	(18) J2339-5523	ACS/WFC	1	24-Jul-2026 09:00:27.0	yes

35 Total Orbits Used

ABSTRACT

The exchange of gas between galaxies and the surrounding circumgalactic and intergalactic medium (CGM and IGM) plays a vital role in galaxy evolution, regulating the fuel for star formation within galaxies. This recycling is found to manifest as disk-like accreting structures in the plane of some galaxies, and bi-conical outflows perpendicular to the galaxy disk. In absorption studies using background sources, this is seen as an increase in absorber incidence near to the major and minor axes of galaxies.

Measuring galaxy orientations requires high resolution imaging only available from space, whilst associating gas and galaxies requires deep, high resolution galaxy and quasar spectra. Although many quasars have been observed with HST to-date, few have the imaging and galaxy spectroscopy required to measure CGM properties as a function of galaxy orientation.

We propose a coordinated HST/JWST GO+archival program to ensure this high-resolution imaging covers 51 fields with existing QSO spectra and MUSE coverage. This data will allow HI absorption and galaxy redshifts to be found at z<1.5 for 37 fields (of which 20 currently lack HST imaging), and at redshifts 3-4 for 14 fields (which will require JWST imaging). We will measure how CGM properties vary with azimuthal angle, how these variations depend on galaxy properties, and how they evolve with redshift.

This will provide the first high-z sample and the largest low-z sample compiled to-date, allowing us to measure how the presence of accreting and outflowing structures in the CGM varies with galaxy properties, morphologies, and redshifts, and thereby discriminate between models of stellar

feedback and gas recycling.

OBSERVING DESCRIPTION

For the HST portion of this HST/JWST/archival program, we use ACS in order to observe galaxies in the fields surrounding 20 bright quasars between z~0.5 and z~1.5 with existing COS/FOS/STIS spectra and galaxy spectra from MUSE. Many of these fields also feature shallower spectroscopy over a much wider field than covered by MUSE. The new high-resolution imaging is required to confidently measure galaxy orientations and morphologies, which cannot be done accurately from the ground. This will allow us to study the circumgalactic and intergalactic medium around these galaxies as a function of stellar mass, morphology, orientation and other galaxy properties.

We use the F814W filter in order to cover the stellar continuum across the redshift range up to z=1.5, avoiding regions at < 3000 Angstrom that are dominated by young stars. This also provides consistency with similar archival observations around other quasars, which are utilized in this program. We aim to reach S/N ~12 for galaxies at mag ~ 26 (close to the faintest galaxies for which the MUSE data of these fields allow spectroscopic redshifts), in order to measure galaxy orientations and morphologies. This is achieved in ~1700s of exposure time per field, easily scheduled inside a single orbit.

We take 4 exposures in each field, each of ~500s (with small variations due to different orbital visibility for each target) to allow easy cosmic ray removal. We use a line dither to cover the chip gap with 3 exposures and mitigate the impact of bad pixels. Although this large dither in combination with the geometric distortion of ACS leads to poor sub-pixel sampling, it allows us to center the quasar near the center of the ACS field (we use the 'WFC' aperture position). This ensures that we are able to measure galaxy orientations at large impact parameters in all directions around the quasar. As the ACS field is much larger than that of MUSE, there is no need for any constraints on telescope position angle, and hence no significant impact on this program due to reduced gyro operations.

Visit

Proposal 17815, Visit 01, failed

Fri Jul 24 13:00:27 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

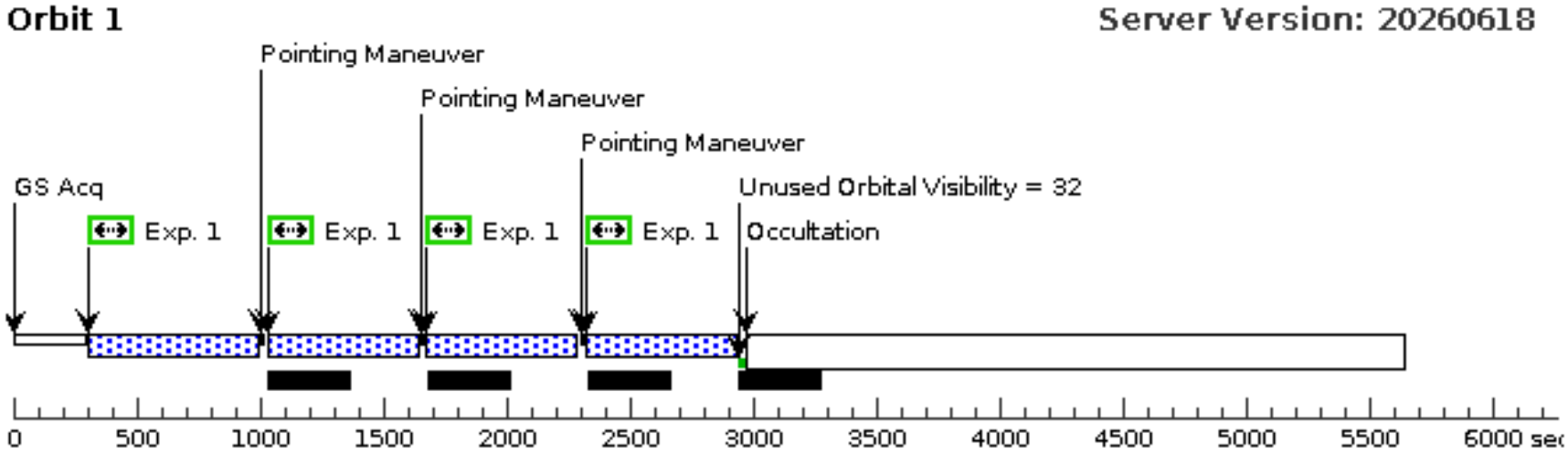
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	PG0117+213	RA: 01 20 17.3000 (20.0720833d) Dec: +21 33 46.20 (21.56283d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) PG0117+213	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 01 (4)	450 Secs (1940 Secs) *[==>485.0 Secs (Pattern 1)]* *[==>485.0 Secs (Pattern 2)]* *[==>485.0 Secs (Pattern 3)]* *[==>485.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Partial replacement for visit 01 (26), completed Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Comments: Single-exposure partial repeat due to guide star loss-of-lock in visit 1.

Fixed Targets

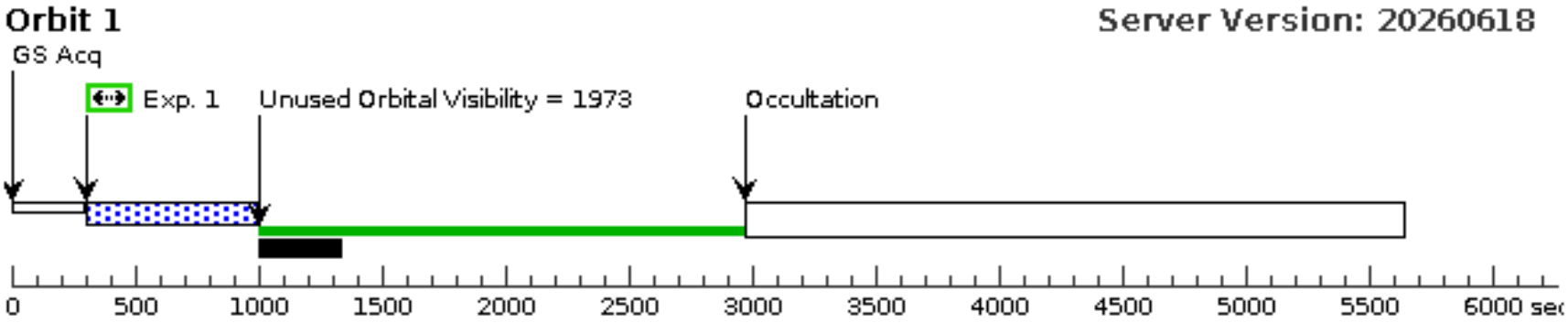
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	PG0117+213	RA: 01 20 17.3000 (20.0720833d) Dec: +21 33 46.20 (21.56283d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) PG0117+213	ACS/WFC, ACCUM, WFC	F814W				450 Secs (485 Secs) *[==>485.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 17815, Visit 02, failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

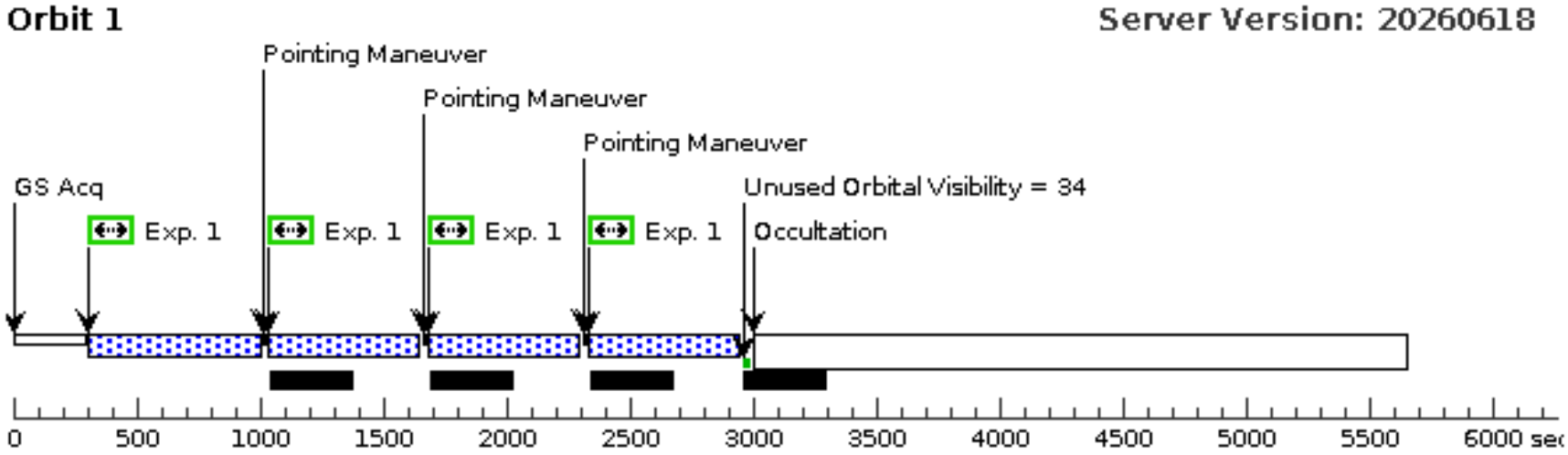
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	HE0515-4414	RA: 05 17 7.6000 (79.2816667d) Dec: -44 10 55.60 (-44.18211d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) HE0515-4414	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 02 (4)	450 Secs (1960 Secs) *[==>490.0 Secs (Pattern 1)]* *[==>490.0 Secs (Pattern 2)]* *[==>490.0 Secs (Pattern 3)]* *[==>490.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Replacement for visit 02 (22), completed Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Comments: Single-exposure partial repeat.

Fixed Targets

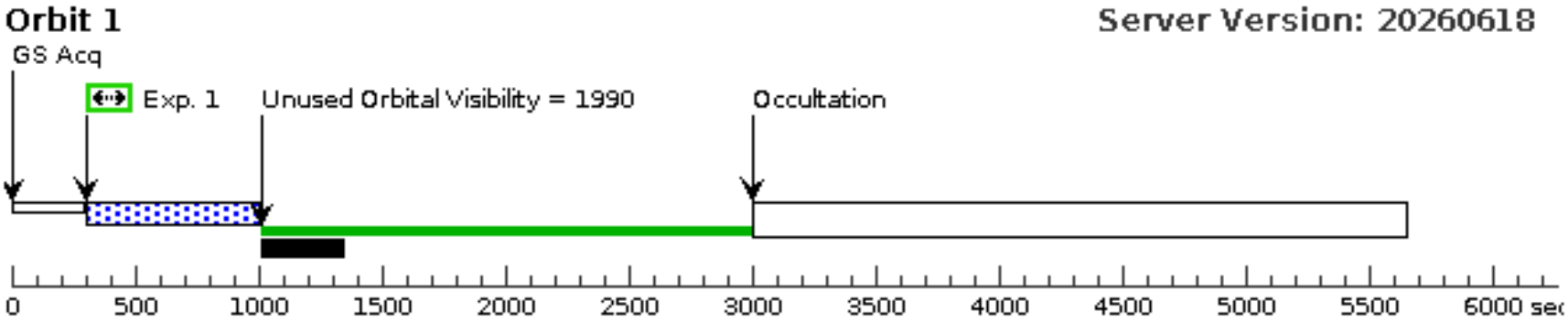
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	HE0515-4414	RA: 05 17 7.6000 (79.2816667d) Dec: -44 10 55.60 (-44.18211d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) HE0515-4414	ACS/WFC, ACCUM, WFC	F814W				490 Secs (490 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 03, completed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

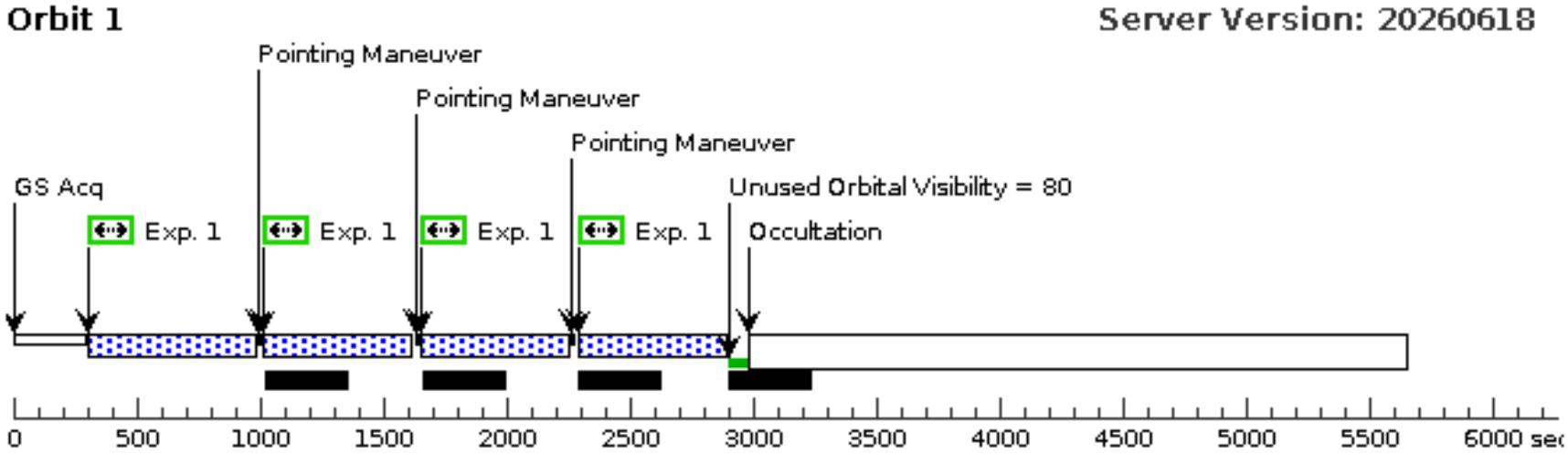
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	QSO-J1019+2745	RA: 10 19 56.6000 (154.9858333d) Dec: +27 44 1.70 (27.73381d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) QSO-J1019+2745	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 03 (4)	339 Secs (1896 Secs) *[==>474.0 Secs (Pattern 1)]* *[==>474.0 Secs (Pattern 2)]* *[==>474.0 Secs (Pattern 3)]* *[==>474.0 Secs (Pattern 4)]*	*[1]*

Orbit Structure



Visit

Proposal 17815, Visit 04, completed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

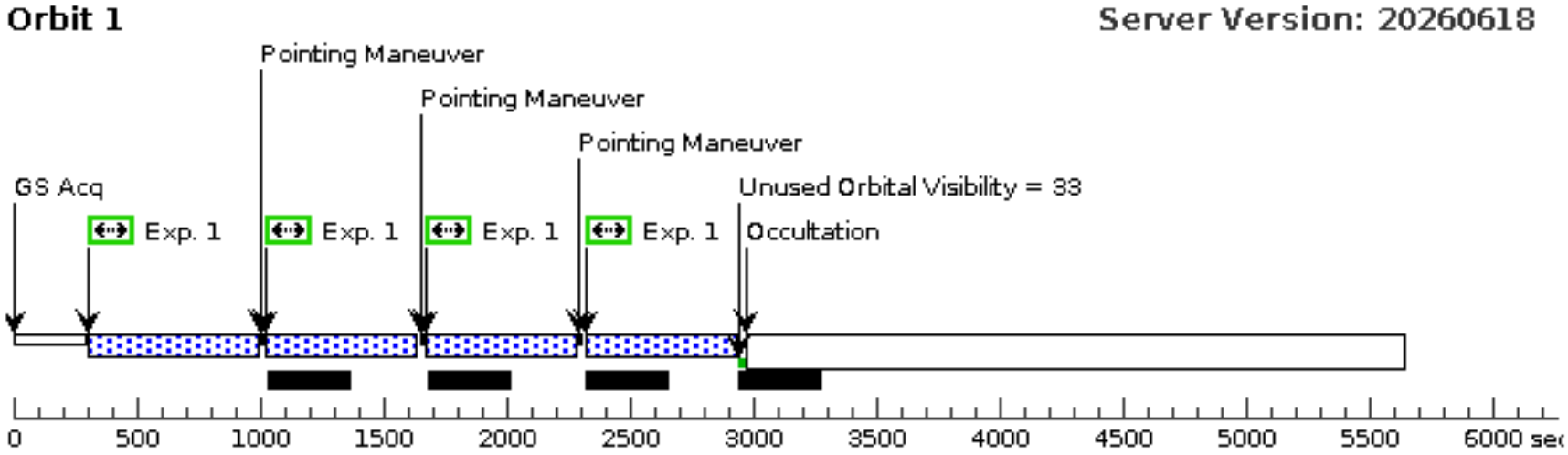
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	QSO-B1122-168	RA: 11 24 42.9000 (171.1787500d) Dec: -17 05 17.40 (-17.08817d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) QSO-B1122-168	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 04 (4)	400 Secs (1936 Secs) *[==>484.0 Secs (Pattern 1)]* *[==>484.0 Secs (Pattern 2)]* *[==>484.0 Secs (Pattern 3)]* *[==>484.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 05, failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

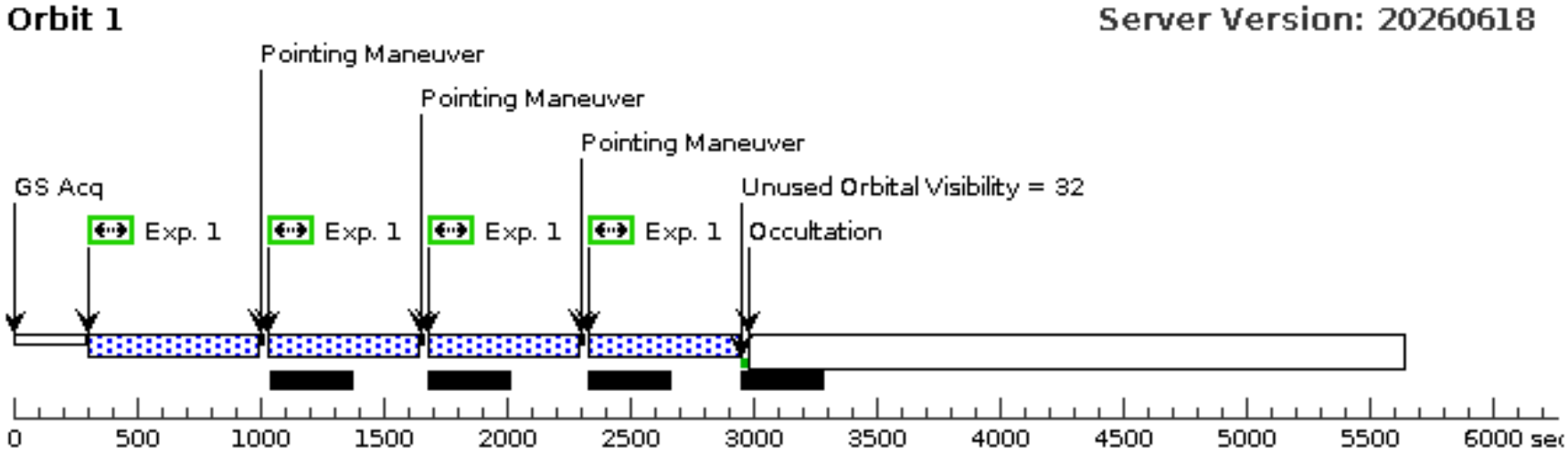
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	J0028-3305	RA: 00 28 30.4000 (7.1266667d) Dec: -33 05 49.30 (-33.09703d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) J0028-3305	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 05 (4)	400 Secs (1948 Secs) *[==>487.0 Secs (Pattern 1)]* *[==>487.0 Secs (Pattern 2)]* *[==>487.0 Secs (Pattern 3)]* *[==>487.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 06, completed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

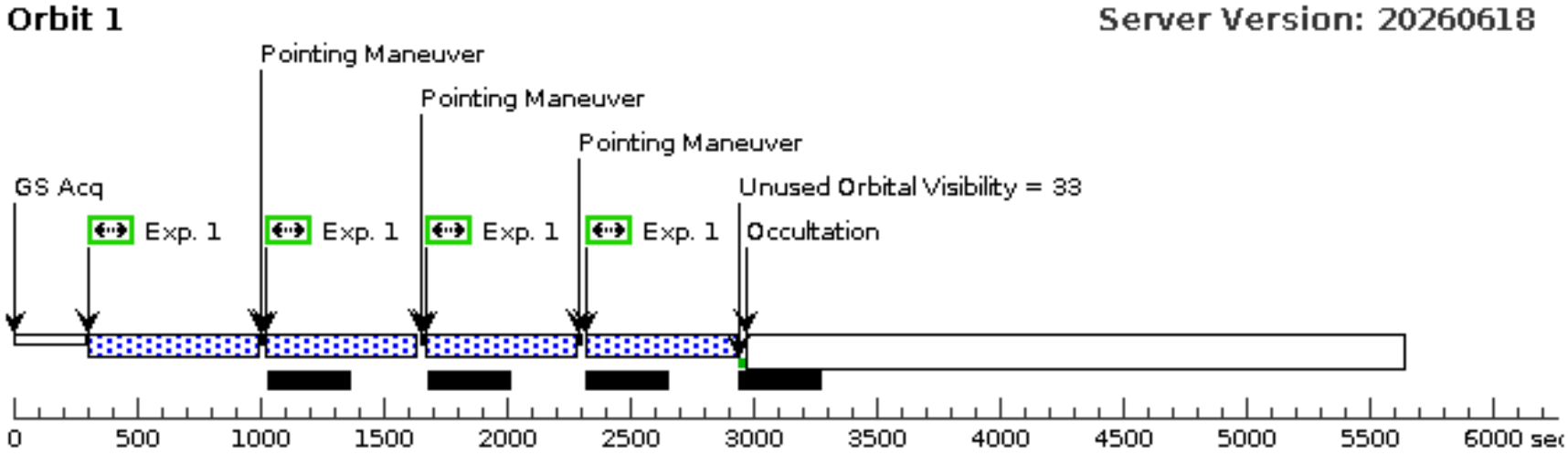
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	J0110-1648	RA: 01 10 35.5000 (17.6479167d) Dec: -16 48 27.70 (-16.80769d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) J0110-1648	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 06 (4)	400 Secs (1936 Secs) *[==>484.0 Secs (Pattern 1)]* *[==>484.0 Secs (Pattern 2)]* *[==>484.0 Secs (Pattern 3)]* *[==>484.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 07, failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

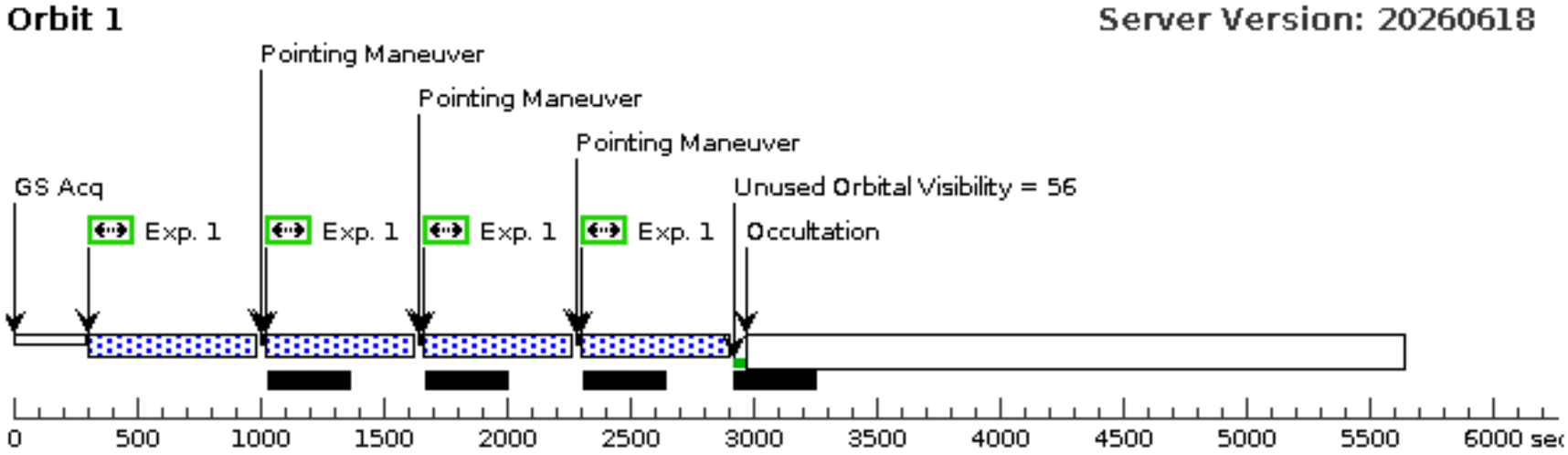
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	J0111-0316	RA: 01 11 39.2000 (17.9133333d) Dec: -03 16 10.90 (-3.26969d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) J0111-0316	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 07 (4)	400 Secs (1916 Secs) *[==>479.0 Secs (Pattern 1)]* *[==>479.0 Secs (Pattern 2)]* *[==>479.0 Secs (Pattern 3)]* *[==>479.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Replacement for visit 07 (31), completed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Fixed Targets

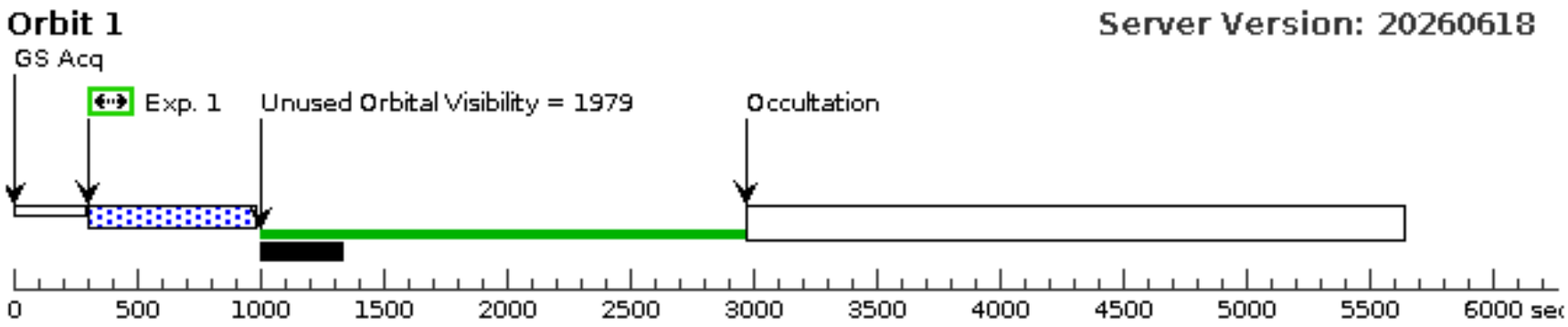
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	J0111-0316	RA: 01 11 39.2000 (17.9133333d) Dec: -03 16 10.90 (-3.26969d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) J0111-0316	ACS/WFC, ACCUM, WFC	F814W				400 Secs (479 Secs) *[==>479.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 17815, Visit 08, failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

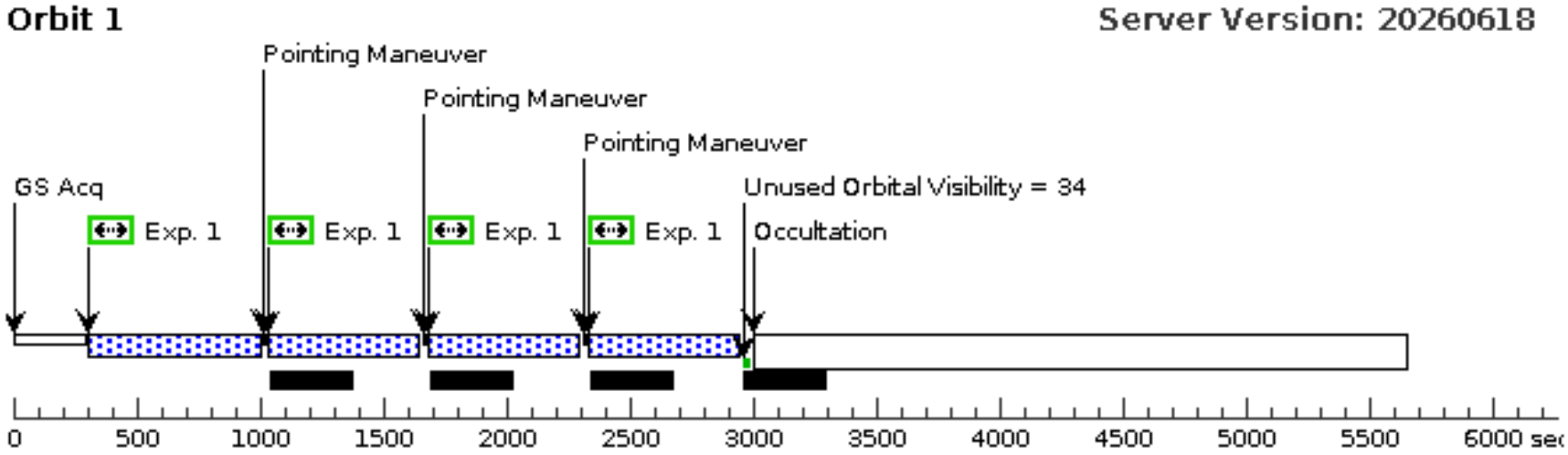
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	J0114-4129	RA: 01 14 22.1000 (18.5920833d) Dec: -41 29 47.30 (-41.49647d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(8) J0114-4129	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 08 (4)	400 Secs (1960 Secs) *[==>490.0 Secs (Pattern 1)]* *[==>490.0 Secs (Pattern 2)]* *[==>490.0 Secs (Pattern 3)]* *[==>490.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Replacement for visit 08 (27), completed Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

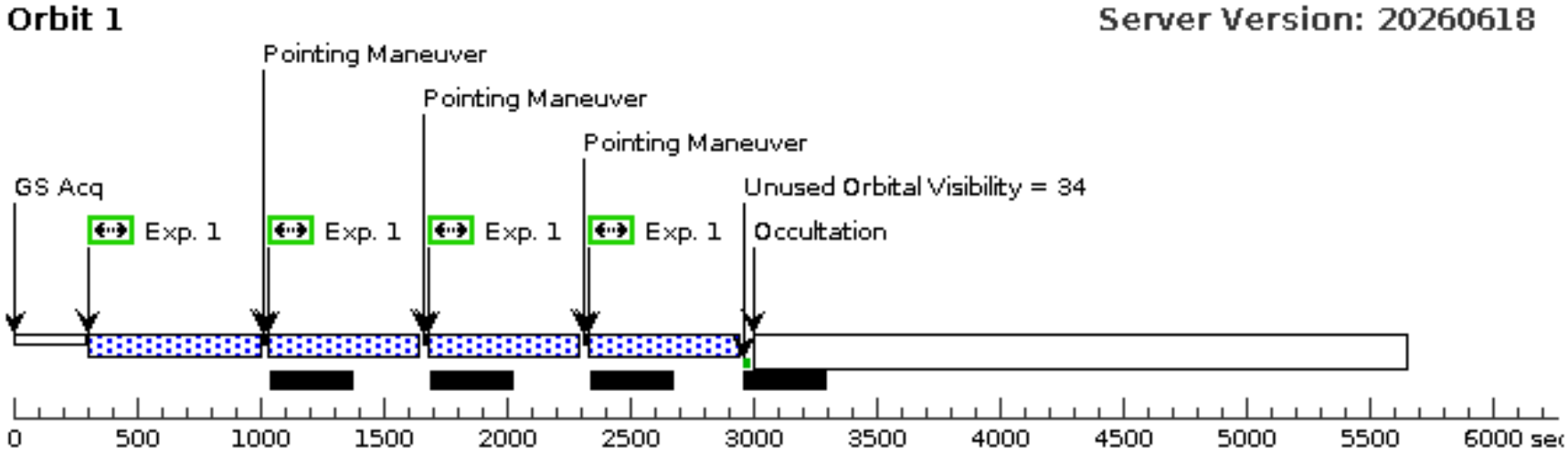
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	J0114-4129	RA: 01 14 22.1000 (18.5920833d) Dec: -41 29 47.30 (-41.49647d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(8) J0114-4129	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Replacement for visit 08 (27) (4)	400 Secs (1960 Secs) *[==>490.0 Secs (Pattern 1)]* *[==>490.0 Secs (Pattern 2)]* *[==>490.0 Secs (Pattern 3)]* *[==>490.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 09, failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

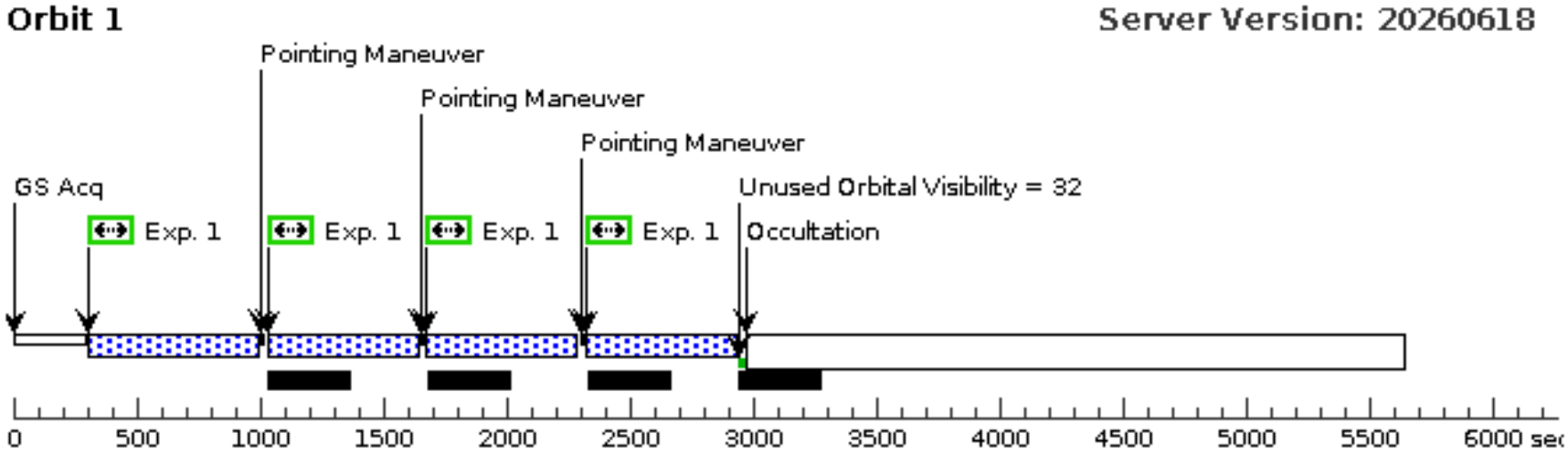
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	J0119-2010	RA: 01 19 56.1000 (19.9837500d) Dec: -20 10 22.70 (-20.17297d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(9) J0119-2010	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 09 (4)	400 Secs (1940 Secs) *[==>485.0 Secs (Pattern 1)]* *[==>485.0 Secs (Pattern 2)]* *[==>485.0 Secs (Pattern 3)]* *[==>485.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Replacement for visit 09 (28), failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

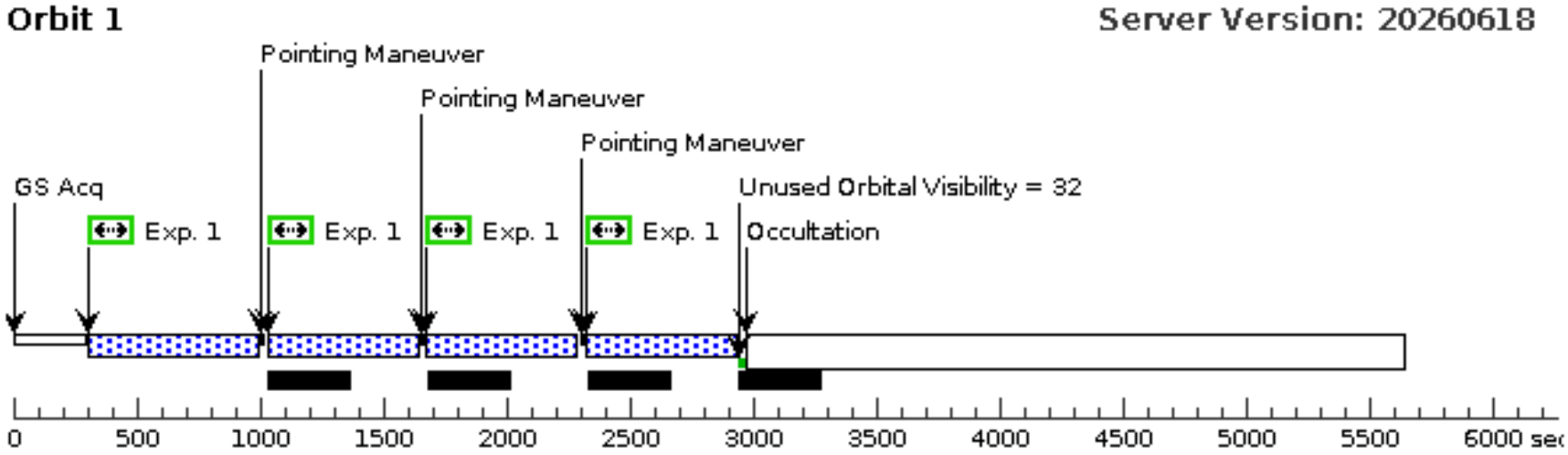
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	J0119-2010	RA: 01 19 56.1000 (19.9837500d) Dec: -20 10 22.70 (-20.17297d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(9) J0119-2010	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Replacement for visit 09 (28) (4)	400 Secs (1940 Secs) *[==>485.0 Secs (Pattern 1)]* *[==>485.0 Secs (Pattern 2)]* *[==>485.0 Secs (Pattern 3)]* *[==>485.0 Secs (Pattern 4)]*	*[1]*

Orbit Structure



Visit

Proposal 17815, Replacement for visit 09 (32), failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

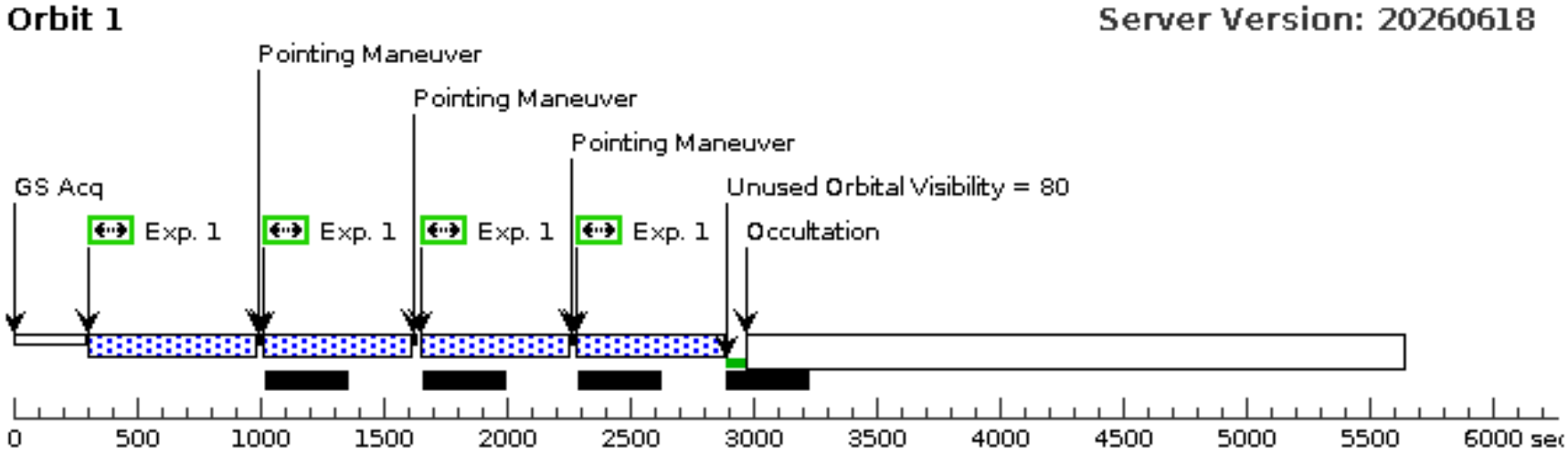
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	J0119-2010	RA: 01 19 56.1000 (19.9837500d) Dec: -20 10 22.70 (-20.17297d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(9) J0119-2010	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Replacement for visit 09 (32) (4)	400 Secs (1892 Secs) *[==>473.0 Secs (Pattern 1)]* *[==>473.0 Secs (Pattern 2)]* *[==>473.0 Secs (Pattern 3)]* *[==>473.0 Secs (Pattern 4)]*	*[1]*

Orbit Structure



Visit

Proposal 17815, Replacement for visit 09 (35) Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

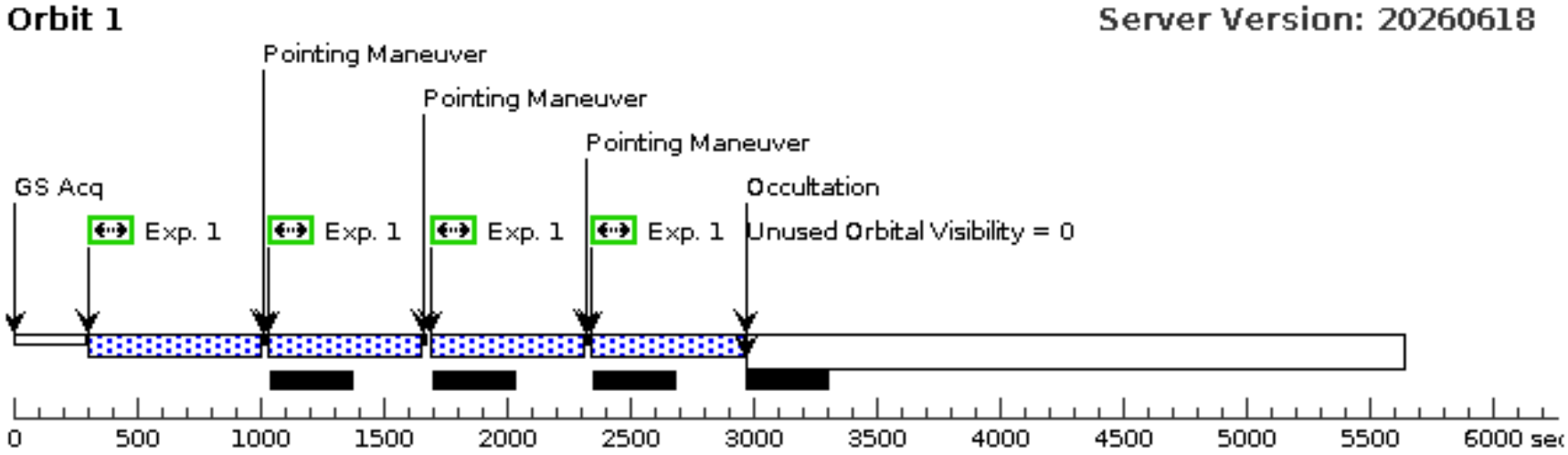
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	J0119-2010	RA: 01 19 56.1000 (19.9837500d) Dec: -20 10 22.70 (-20.17297d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(9) J0119-2010	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Replacement for visit 09 (35) (4)	400 Secs (1972 Secs) *[==>493.0 Secs (Pattern 1)]* *[==>493.0 Secs (Pattern 2)]* *[==>493.0 Secs (Pattern 3)]* *[==>493.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 10, completed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

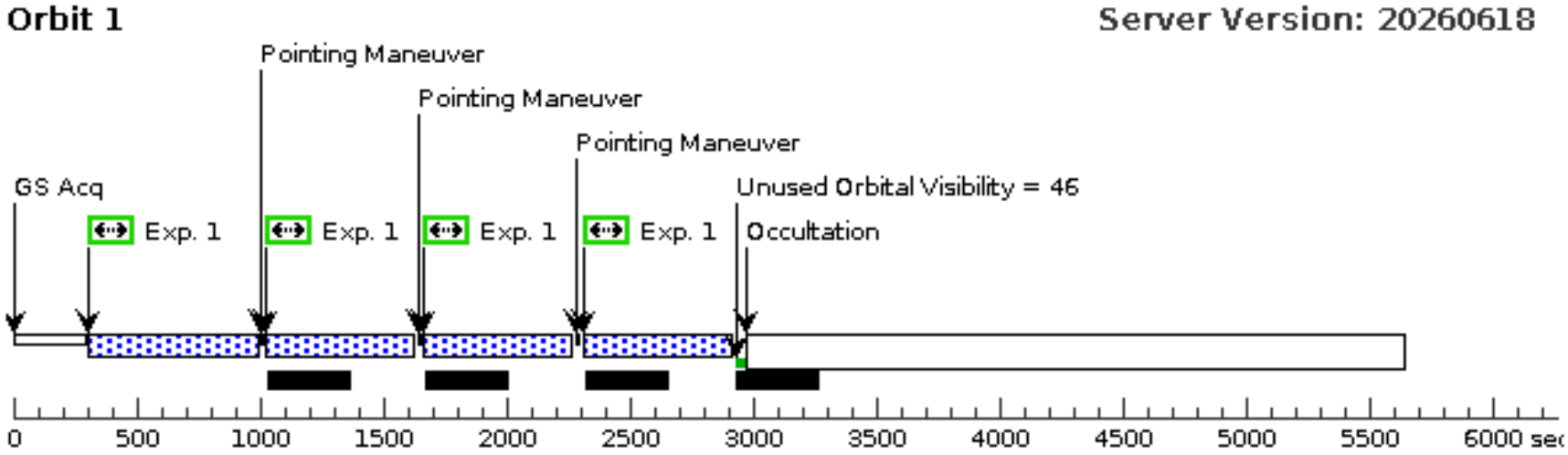
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	J0154-0712	RA: 01 54 54.7000 (28.7279167d) Dec: -07 12 22.20 (-7.20617d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(10) J0154-0712	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 10 (4)	400 Secs (1924 Secs) *[==>481.0 Secs (Pattern 1)]* *[==>481.0 Secs (Pattern 2)]* *[==>481.0 Secs (Pattern 3)]* *[==>481.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 11, completed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

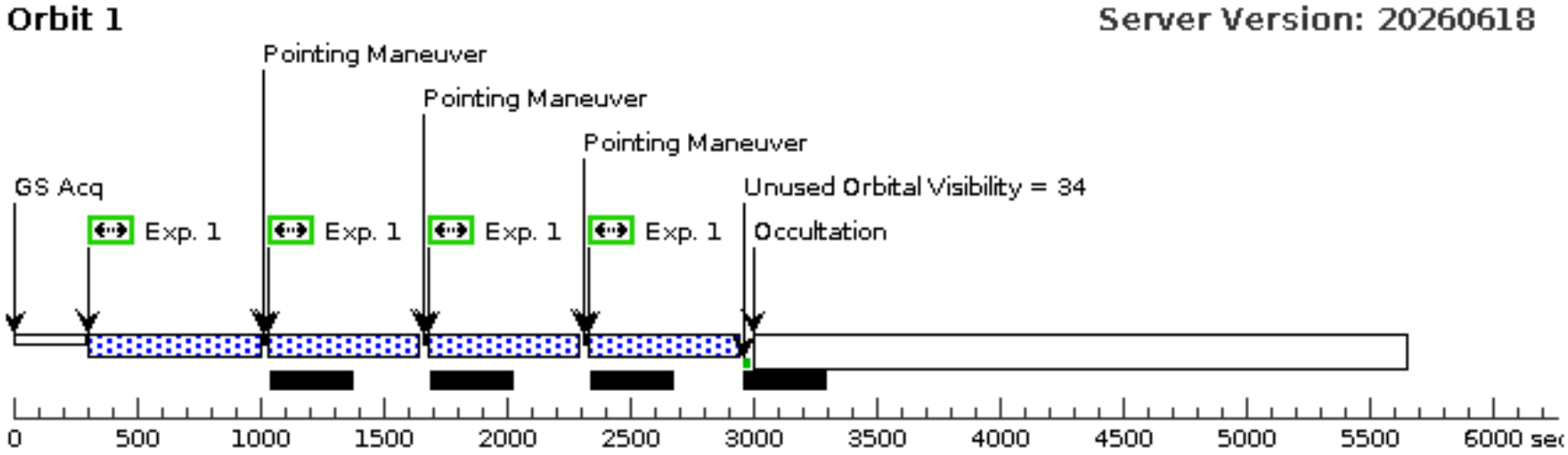
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	J0248-4048	RA: 02 48 6.3000 (42.0262500d) Dec: -40 48 33.70 (-40.80936d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(11) J0248-4048	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 11 (4)	400 Secs (1960 Secs) *[==>490.0 Secs (Pattern 1)]* *[==>490.0 Secs (Pattern 2)]* *[==>490.0 Secs (Pattern 3)]* *[==>490.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 12, completed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

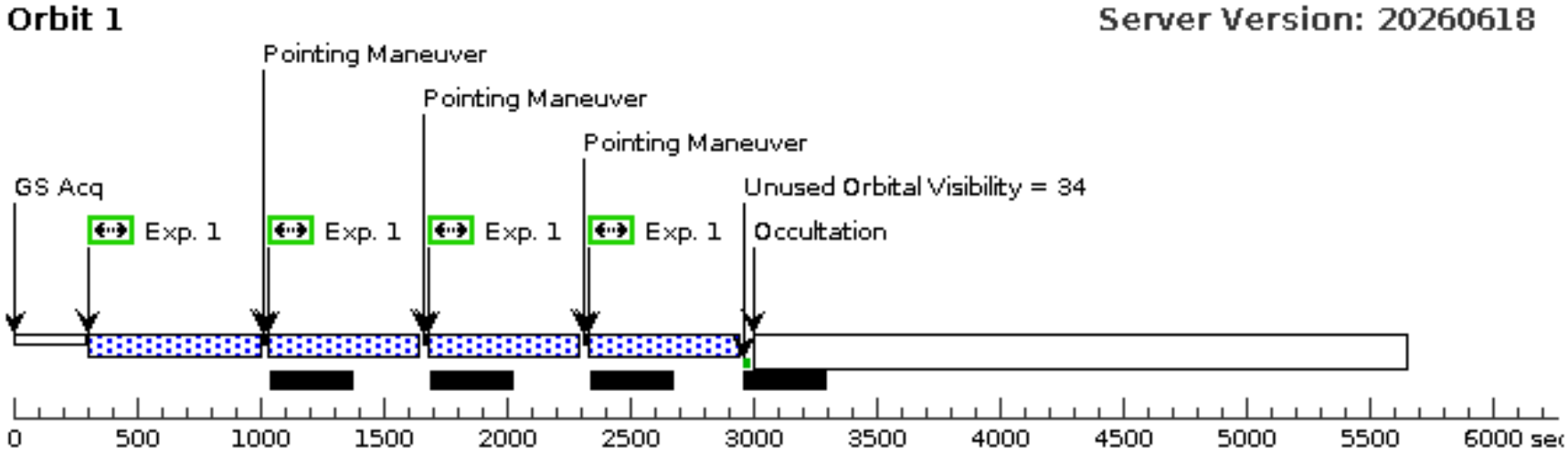
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	J0333-4102	RA: 03 33 7.1000 (53.2795833d) Dec: -41 02 1.10 (-41.03364d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(12) J0333-4102	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 12 (4)	400 Secs (1960 Secs) *[==>490.0 Secs (Pattern 1)]* *[==>490.0 Secs (Pattern 2)]* *[==>490.0 Secs (Pattern 3)]* *[==>490.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 13, failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

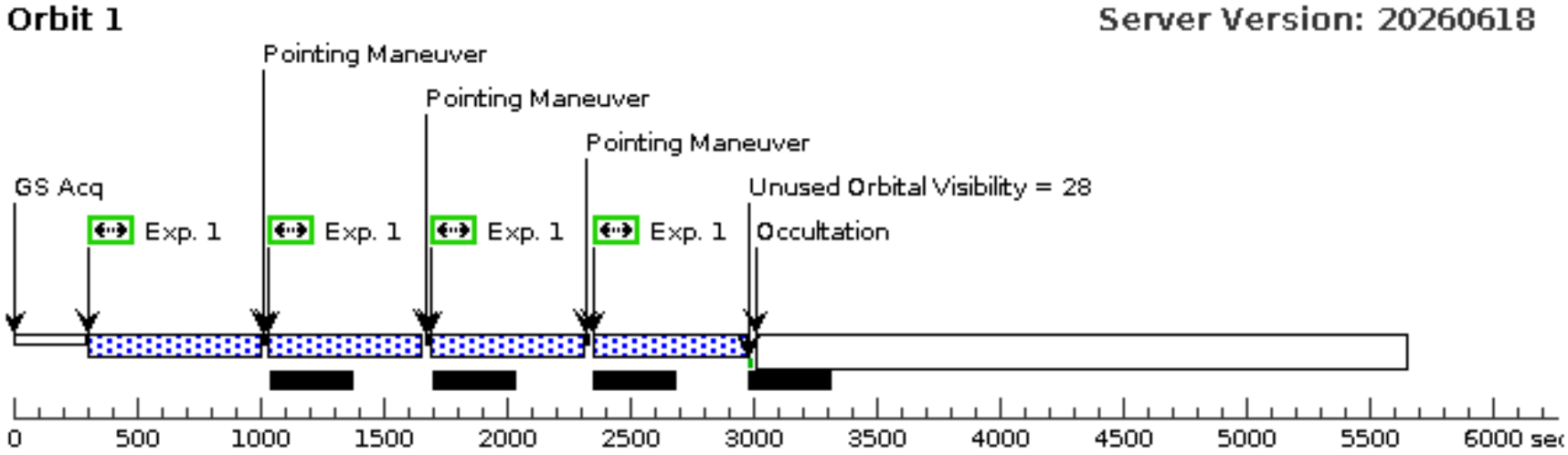
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	J0357-4812	RA: 03 57 21.9000 (59.3412500d) Dec: -48 12 15.20 (-48.20422d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(13) J0357-4812	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 13 (4)	400 Secs (1976 Secs) *[==>494.0 Secs (Pattern 1)]* *[==>494.0 Secs (Pattern 2)]* *[==>494.0 Secs (Pattern 3)]* *[==>494.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Replacement for visit 13 (33), failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

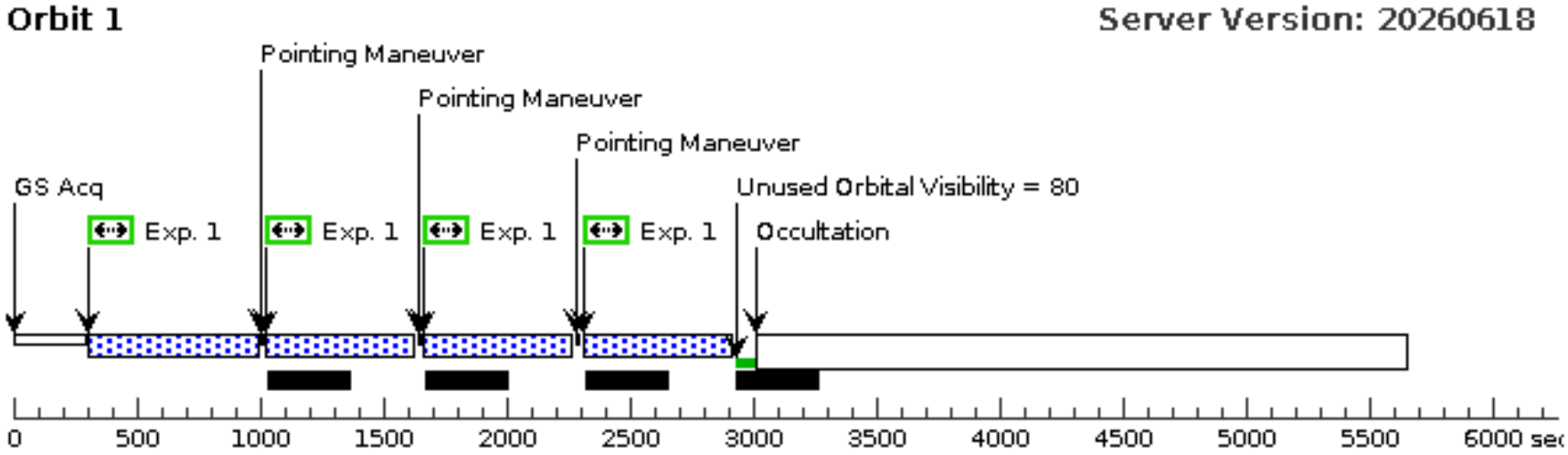
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	J0357-4812	RA: 03 57 21.9000 (59.3412500d) Dec: -48 12 15.20 (-48.20422d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(13) J0357-4812	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Replacement for visit 13 (33) (4)	400 Secs (1924 Secs) *[==>481.0 Secs (Pattern 1)]* *[==>481.0 Secs (Pattern 2)]* *[==>481.0 Secs (Pattern 3)]* *[==>481.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Partial replacement for visit 33 (34), completed Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(5)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

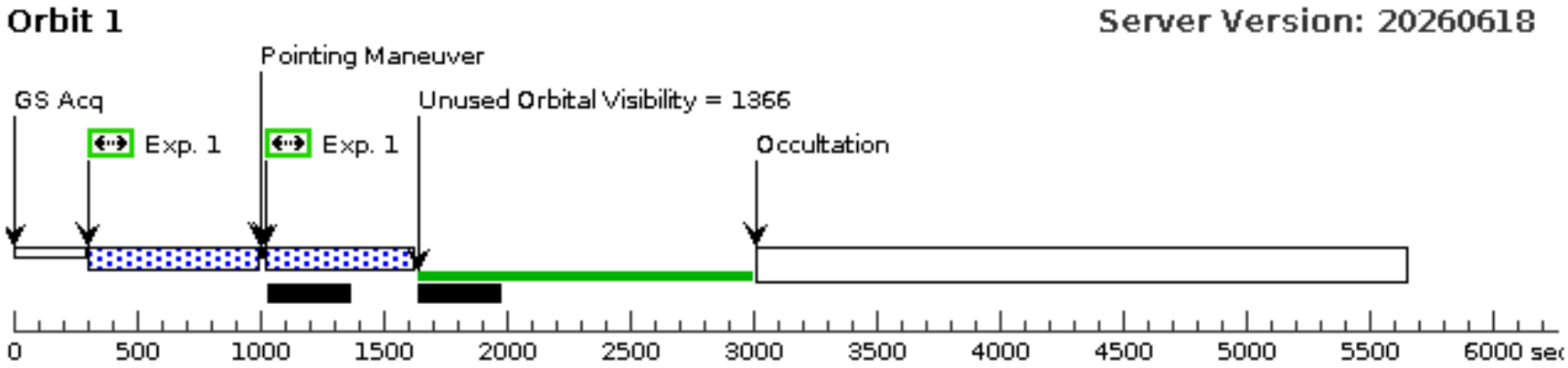
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	J0357-4812	RA: 03 57 21.9000 (59.3412500d) Dec: -48 12 15.20 (-48.20422d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(13) J0357-4812	ACS/WFC, ACCUM, WFC	F814W			Pattern 5, Exps 1-1 in Partial replacement for visit 33 (34) (5)	481 Secs (962 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 14, completed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

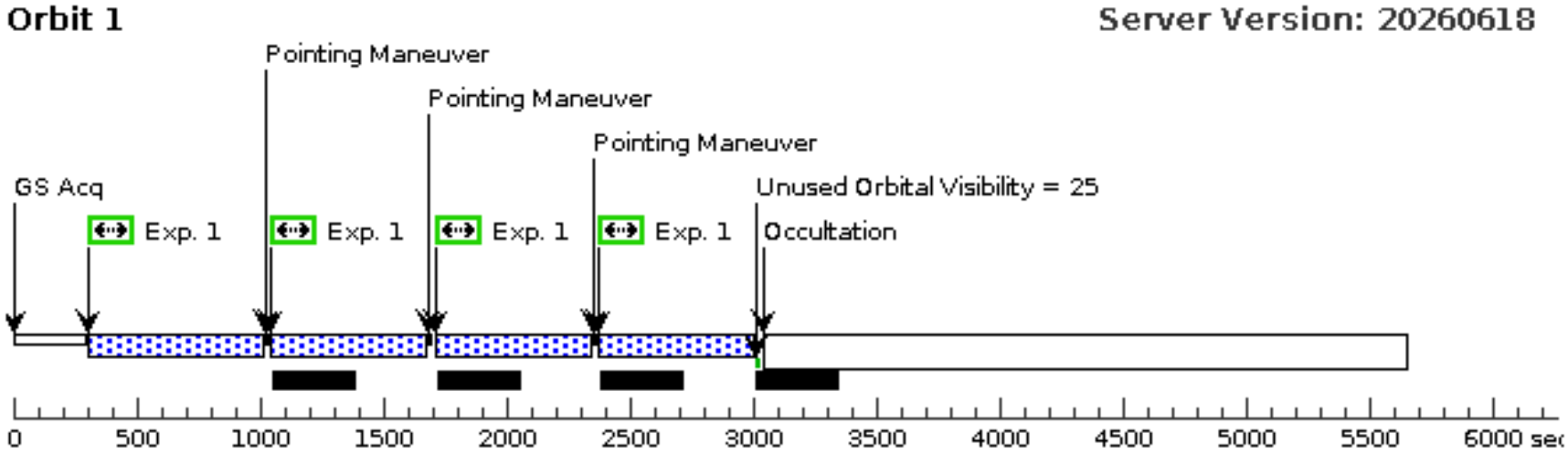
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	J0420-5650	RA: 04 20 53.9000 (65.2245833d) Dec: -56 50 44.00 (-56.84556d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(14) J0420-5650	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 14 (4)	400 Secs (2012 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]* *[==>503.0 Secs (Pattern 3)]* *[==>503.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 15, failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

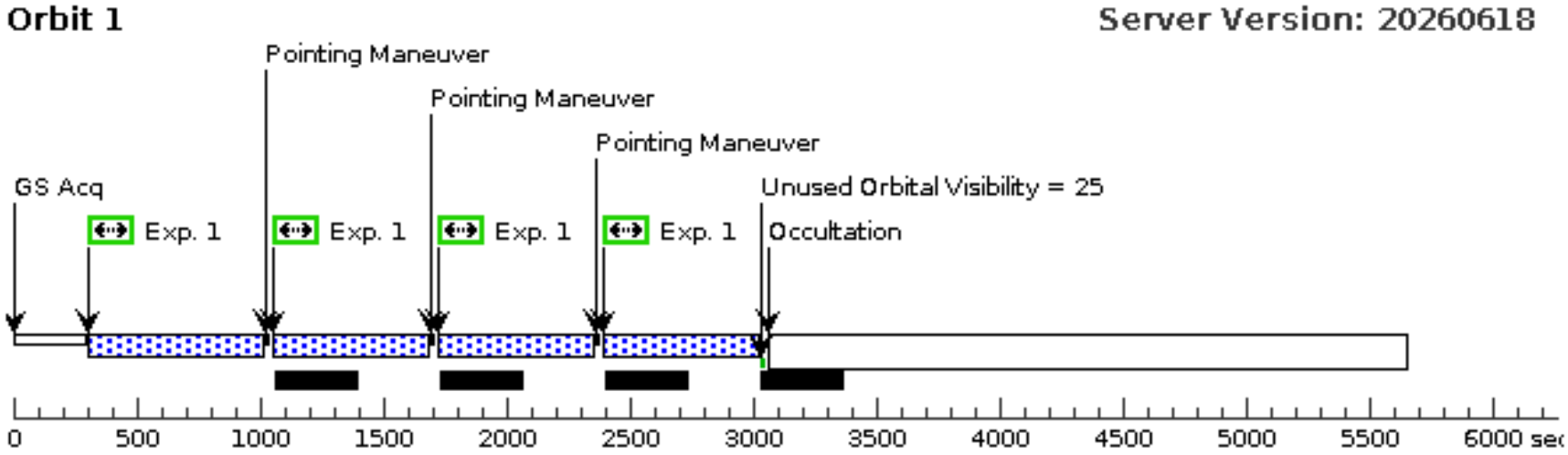
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	J0454-6116	RA: 04 54 16.0000 (73.5666667d) Dec: -61 16 26.60 (-61.27406d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(15) J0454-6116	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 15 (4)	400 Secs (2032 Secs) *[==>508.0 Secs (Pattern 1)]* *[==>508.0 Secs (Pattern 2)]* *[==>508.0 Secs (Pattern 3)]* *[==>508.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Replacement for visit 15 (21), failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

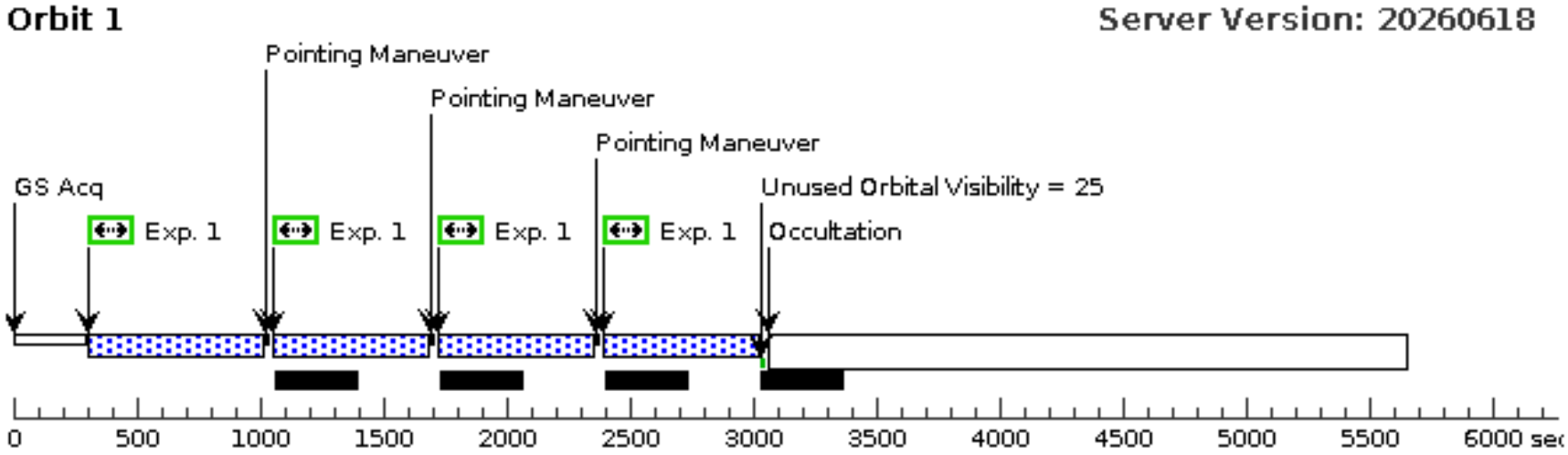
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	J0454-6116	RA: 04 54 16.0000 (73.5666667d) Dec: -61 16 26.60 (-61.27406d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(15) J0454-6116	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Replacement for visit 15 (21) (4)	400 Secs (2032 Secs) *[==>508.0 Secs (Pattern 1)]* *[==>508.0 Secs (Pattern 2)]* *[==>508.0 Secs (Pattern 3)]* *[==>508.0 Secs (Pattern 4)]*	*[1]*

Orbit Structure



Visit

Proposal 17815, Replacement for visit 21 (23), completed Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Comments: Single-exposure partial repeat to reach four total for this target.

Fixed Targets

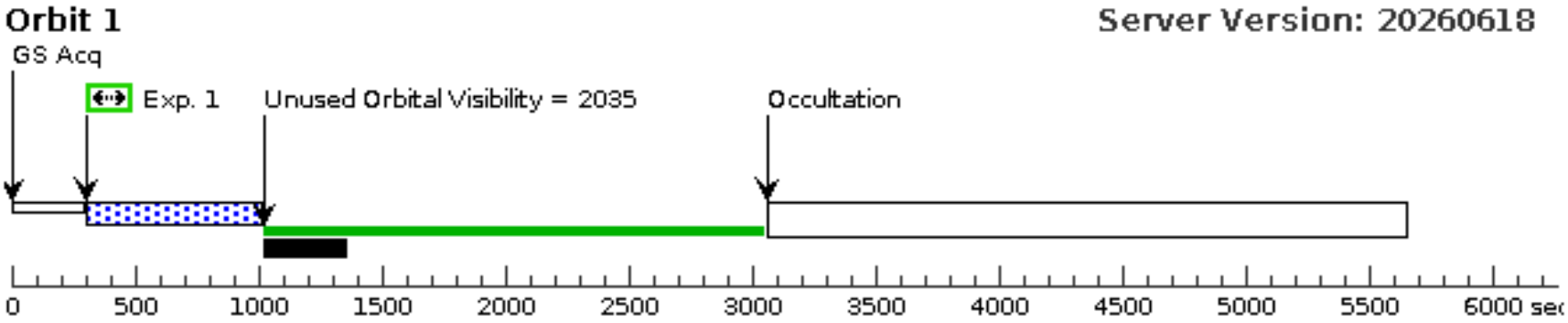
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	J0454-6116	RA: 04 54 16.0000 (73.5666667d) Dec: -61 16 26.60 (-61.27406d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(15) J0454-6116	ACS/WFC, ACCUM, WFC	F814W				508 Secs (508 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 17815, Visit 16, completed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

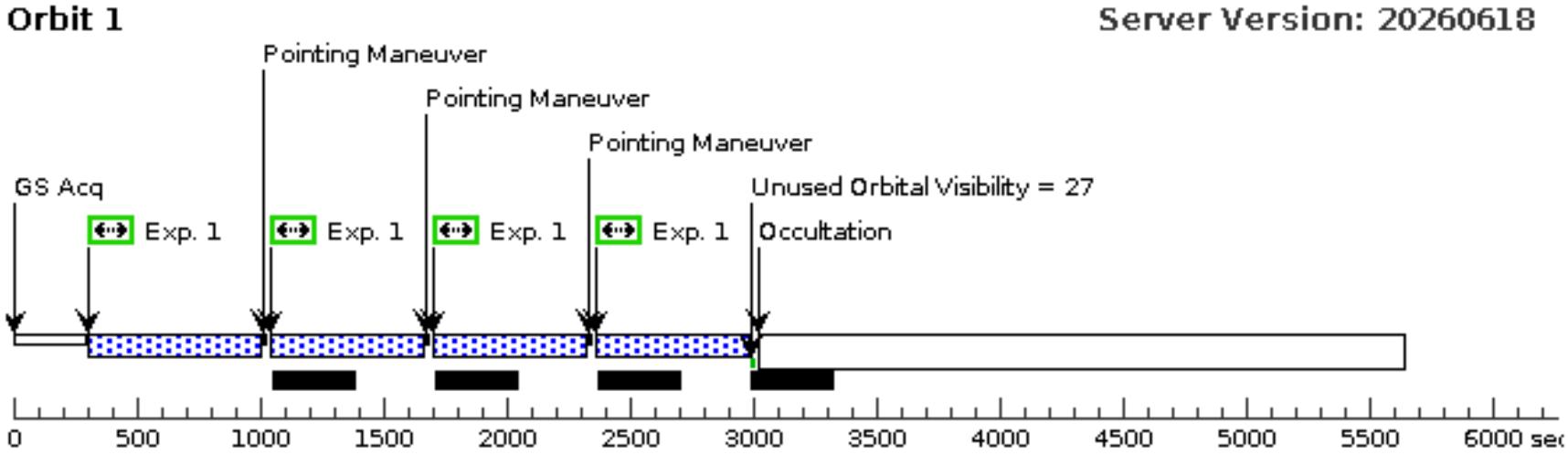
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	J2135-5316	RA: 21 35 53.2000 (323.9716667d) Dec: -53 16 55.80 (-53.28217d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(16) J2135-5316	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 16 (4)	400 Secs (1992 Secs) *[==>498.0 Secs (Pattern 1)]* *[==>498.0 Secs (Pattern 2)]* *[==>498.0 Secs (Pattern 3)]* *[==>498.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 17, completed Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

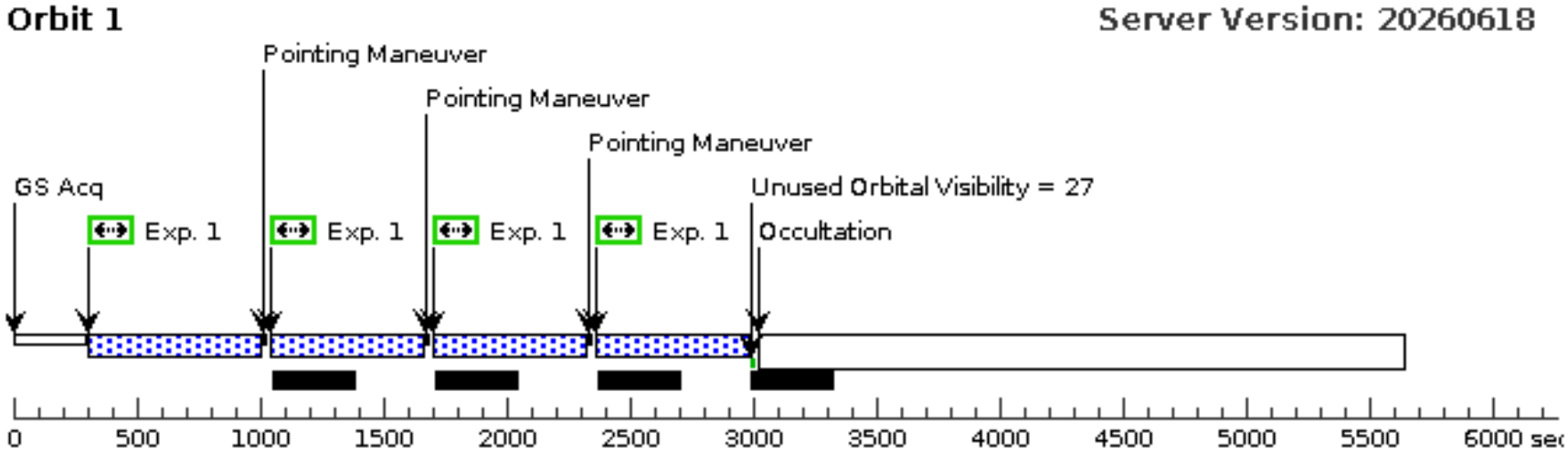
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(17)	J2308-5258	RA: 23 08 37.8000 (347.1575000d) Dec: -52 58 48.90 (-52.98025d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(17) J2308-5258	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 17 (4)	400 Secs (1992 Secs) *[==>498.0 Secs (Pattern 1)]* *[==>498.0 Secs (Pattern 2)]* *[==>498.0 Secs (Pattern 3)]* *[==>498.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 18, failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

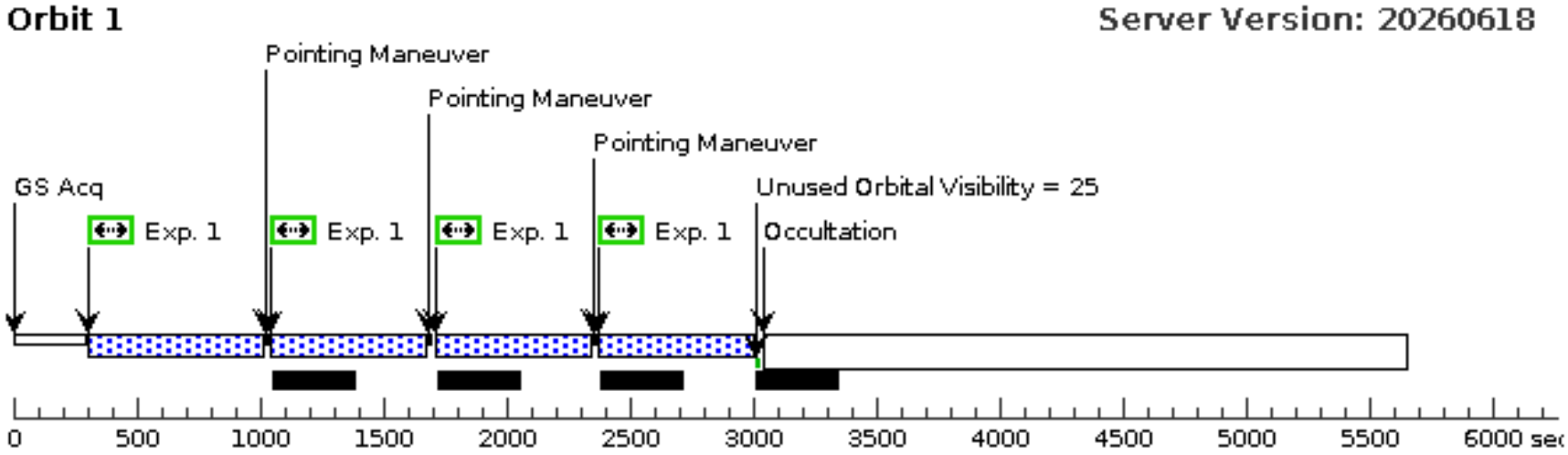
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	J2339-5523	RA: 23 39 13.2000 (354.8050000d) Dec: -55 23 50.80 (-55.39744d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(18) J2339-5523	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 18 (4)	400 Secs (2012 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]* *[==>503.0 Secs (Pattern 3)]* *[==>503.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 19, completed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

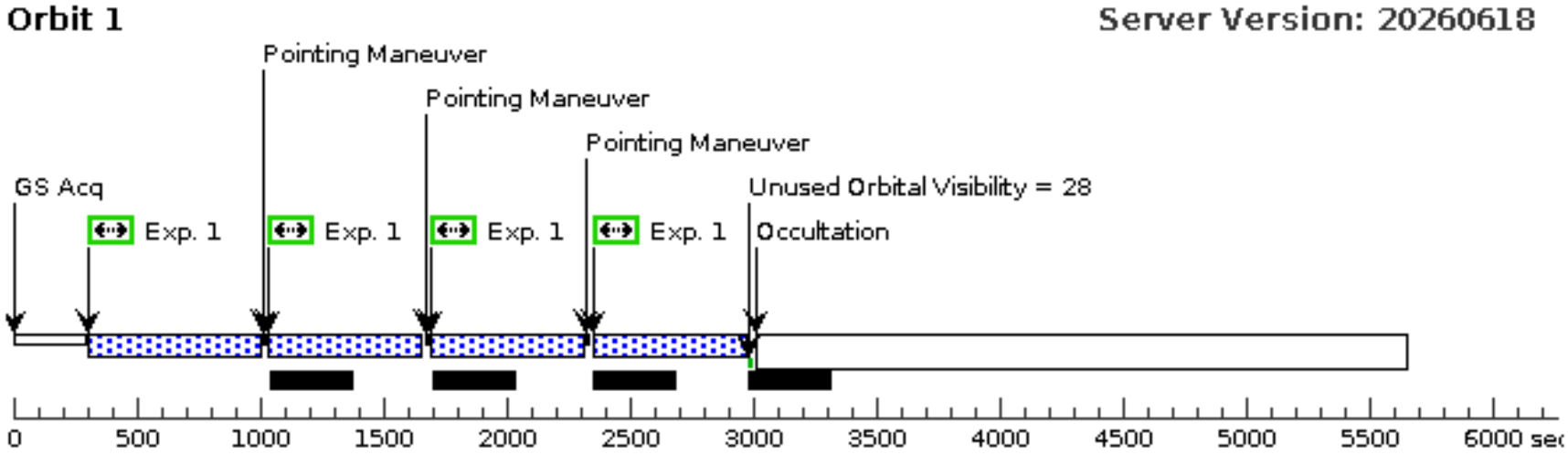
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	J2245-4931	RA: 22 45 0.2000 (341.2508333d) Dec: -49 31 48.50 (-49.53014d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(19) J2245-4931	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 19 (4)	400 Secs (1976 Secs) *[==>494.0 Secs (Pattern 1)]* *[==>494.0 Secs (Pattern 2)]* *[==>494.0 Secs (Pattern 3)]* *[==>494.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Visit 20, completed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

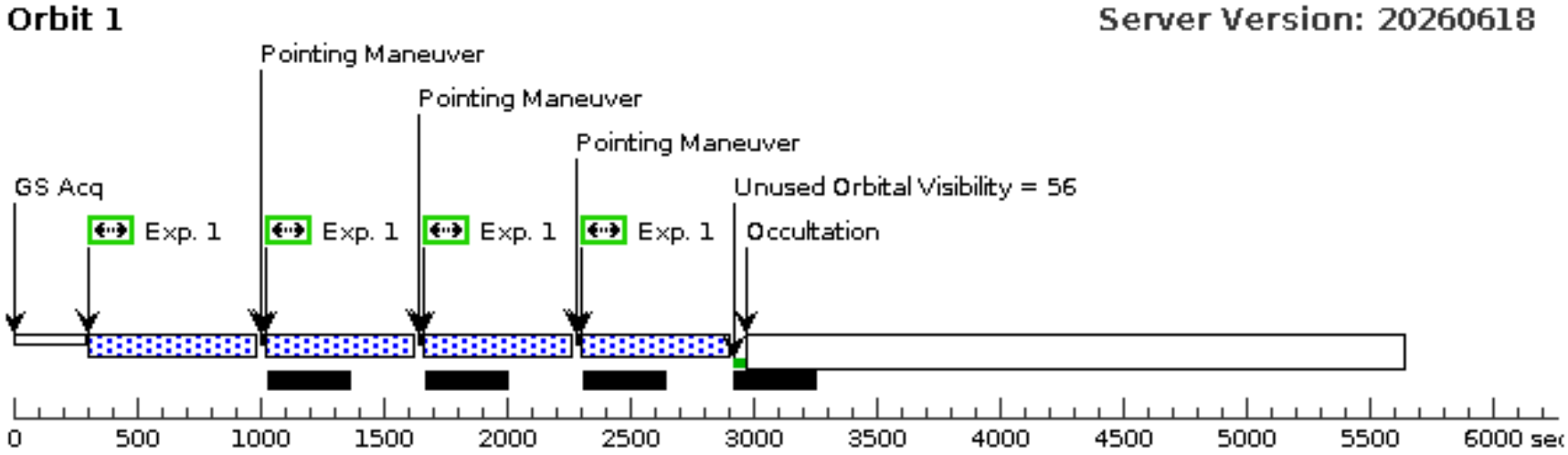
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	Q0454+0356	RA: 04 56 47.2000 (74.1966667d) Dec: +04 00 52.90 (4.01469d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(20) Q0454+0356	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Visit 20 (4)	400 Secs (1916 Secs) *[==>479.0 Secs (Pattern 1)]* *[==>479.0 Secs (Pattern 2)]* *[==>479.0 Secs (Pattern 3)]* *[==>479.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Replacement for Visit 05 (24), failed Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

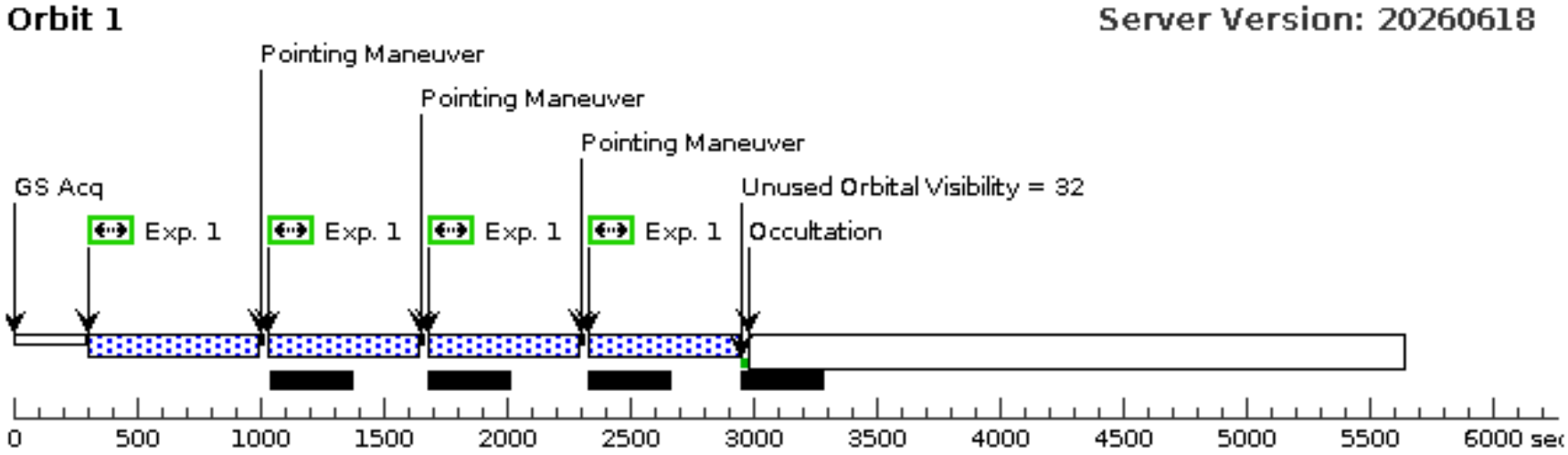
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	J0028-3305	RA: 00 28 30.4000 (7.1266667d) Dec: -33 05 49.30 (-33.09703d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) J0028-3305	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Replacement for Visit 05 (24) (4)	400 Secs (1948 Secs) *[==>487.0 Secs (Pattern 1)]* *[==>487.0 Secs (Pattern 2)]* *[==>487.0 Secs (Pattern 3)]* *[==>487.0 Secs (Pattern 4)]*	*[1]*

Orbit Structure



Visit

Proposal 17815, Replacement for Visit 24 (29), completed Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

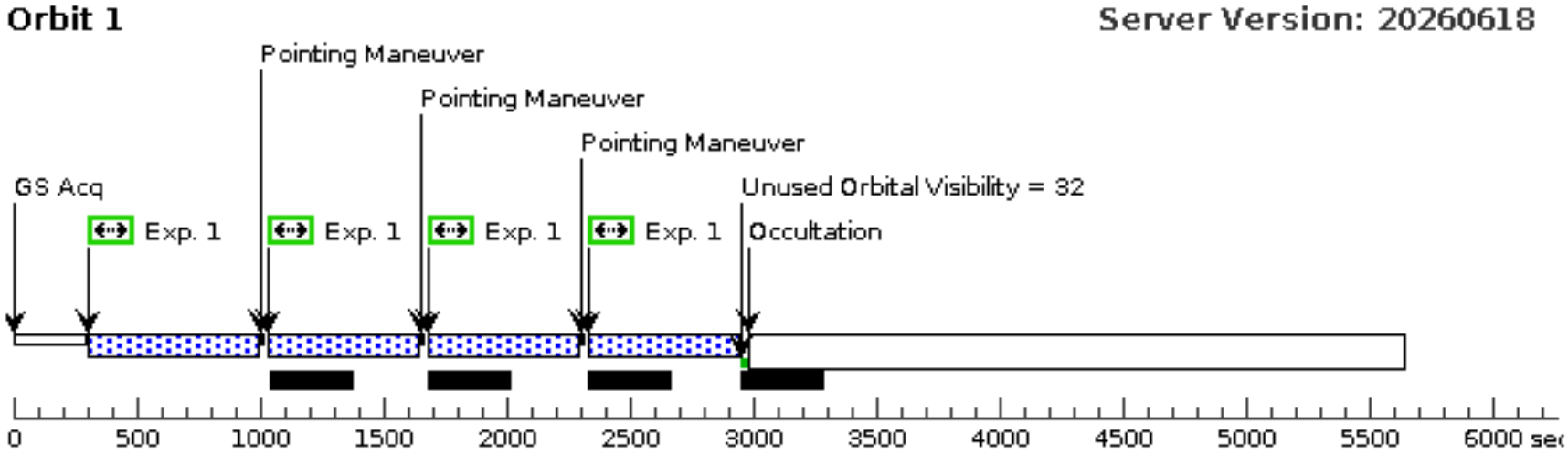
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	J0028-3305	RA: 00 28 30.4000 (7.1266667d) Dec: -33 05 49.30 (-33.09703d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) J0028-3305	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Replacement for Visit 24 (29) (4)	400 Secs (1948 Secs) *[==>487.0 Secs (Pattern 1)]* *[==>487.0 Secs (Pattern 2)]* *[==>487.0 Secs (Pattern 3)]* *[==>487.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure



Visit

Proposal 17815, Replacement for visit 18 (25), failed

Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

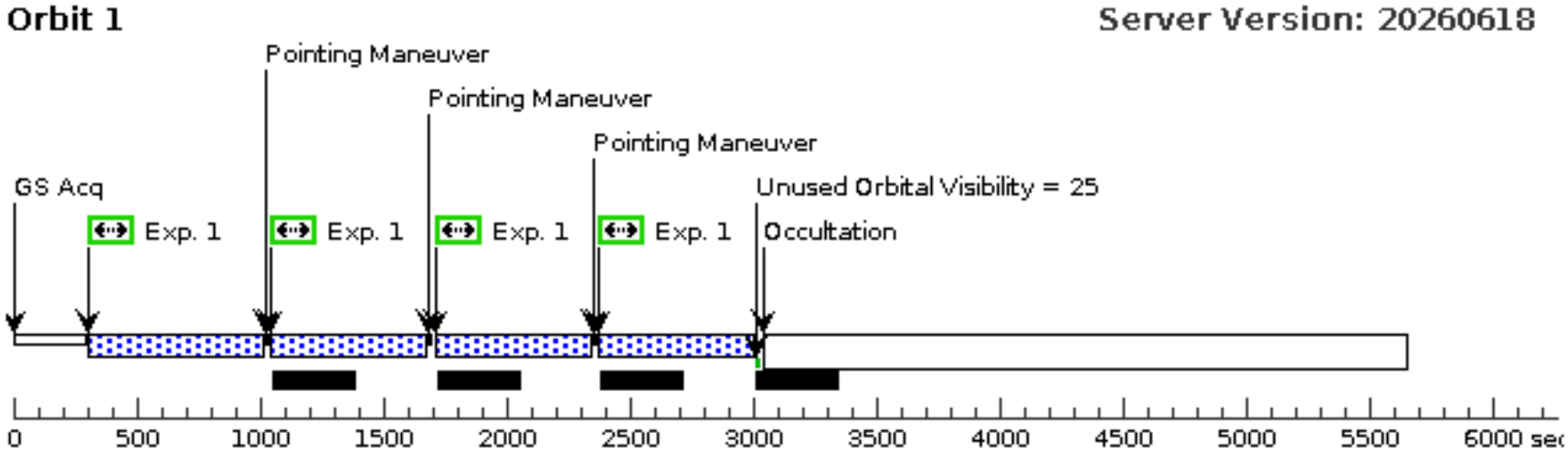
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	J2339-5523	RA: 23 39 13.2000 (354.8050000d) Dec: -55 23 50.80 (-55.39744d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(18) J2339-5523	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Replacement for visit 18 (25) (4)	400 Secs (2012 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]* *[==>503.0 Secs (Pattern 3)]* *[==>503.0 Secs (Pattern 4)]*	*[1]*

Orbit Structure



Visit

Proposal 17815, Replacement for visit 25 (30), completed Fri Jul 24 13:00:28 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

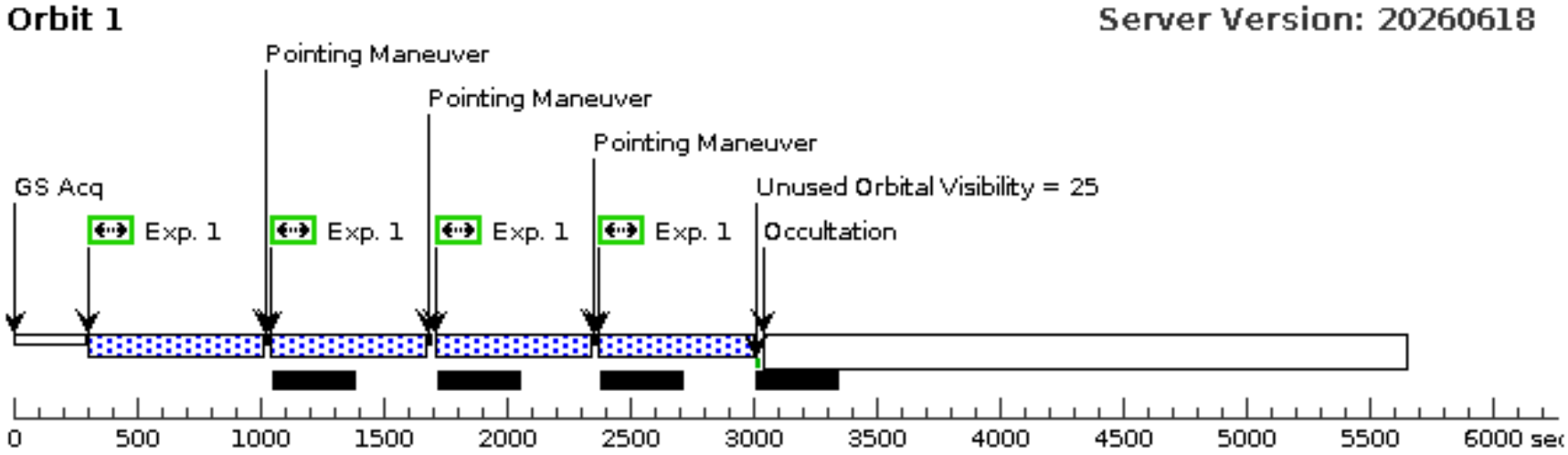
#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=4 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	J2339-5523	RA: 23 39 13.2000 (354.8050000d) Dec: -55 23 50.80 (-55.39744d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments:
Category=UNIDENTIFIED
Description=[BLANK FIELD]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(18) J2339-5523	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-1 in Replacement for visit 25 (30) (4)	400 Secs (2012 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]* *[==>503.0 Secs (Pattern 3)]* *[==>503.0 Secs (Pattern 4)]*	***[1]***

Orbit Structure