17719 - Brighter than GN-z11? Grism Observations of the brightest z~11 Candidates found in COSMOS-Web

Cycle: 32, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) COS-Z12-2 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:14.0	yes
02	(1) COS-Z12-2 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:15.0	yes
03	(1) COS-Z12-2 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:16.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
04	(2) COS-Z10-3 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:17.0	yes
05	(2) COS-Z10-3 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:18.0	yes
06	(2) COS-Z10-3 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:18.0	yes
07	(1) COS-Z12-2 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:19.0	yes
08	(1) COS-Z12-2 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:20.0	yes
09	(1) COS-Z12-2 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:21.0	yes
10	(2) COS-Z10-3 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:22.0	yes
11	(2) COS-Z10-3 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:23.0	yes
12	(2) COS-Z10-3 ANY	ACS/WFC WFC3/IR	2	05-Mar-2025 15:00:24.0	yes

24 Total Orbits Used

ABSTRACT

We have searched in the widest-field JWST survey (>0.5deg2) for rare, extremely bright high redshift candidates and we have identified several dozen candidates at z>10. Among these, two candidates could potentially surpass the brightness of GN-z11 (Oesch et al. 2016), the archetype "extremely bright" galaxy which happens to be the most luminous and distant galaxy ever found by HST with an absolute magnitude (M_UV) of -21.50 and a spectroscopic redshift of 10.6 (Bunker et al. 2023). We have found two spatially compact and isolated candidates at z~11 that we propose to target for WFC3/IR G141 grism observations. They are extremely bright, 10-50x brighter than other JWST sources at similar redshifts. With these observations we expect to distinguish between possible low-z interlopers (with strong emission lines) and a genuine z>10 source (via a Lyman break). This would allow us to ascertain the extent to which GN-z11 is unique or representative of these galaxies, and to unravel how these galaxies

could form such substantial stellar mass only 500 million years after the Big Bang, challenging our current cosmological models. The confirmation of even one of these candidates is vital for testing these scenarios. However, without spectroscopy, definitive conclusions remain elusive, as the possibility of contamination from a low-redshift source with unusually strong emission lines cannot be entirely ruled out.

OBSERVING DESCRIPTION

For each galaxy, our observational strategy comprises three visits of two orbits each, employing two distinct orientations. We plan to capture a direct image with the F160W filter before each observation with the G141 grism. This will be instrumental for continuum/contamination modeling and to optimize data reduction. The same reference pixel will be utilized for both the F160W image and the G141 grism exposures.

To minimize the impact of background variations, we intend to execute the following pattern: direct F160W image, G141 grism exposure, followed by a dither offset, repeated four times per visit. This 4-point dithering strategy, coordinated with a variety of different orientations, will be effective in mitigating contamination from nearby sources.

This approach, mirroring successful methodologies from prior studies such as GN-z11 and the 3D-HST survey (e.g., Brammer et al. 2012), promises to deliver unprecedented insights into the nature and origins of these potentially groundbreaking z~10 candidates. A significant obstacle in grism spectroscopy is the systematic contamination of the target spec- trum by light emanating from adjacent galaxies. To avoid this, we carefully chose isolated galaxies where the range of available ORIENT angles will disperse the spectra in directions where the source spectrum will not be contaminated by neighbors. The Astronomer's Pro- posal Tool (APT) permits orientation angles for the COSMOS field ranging from 70 to 130 degrees. Given that the Wide Field Camera 3 (WFC3) instrument's position angle (PA) is fixed at 135.37 degrees, the allowable position angles on the sky for our observations fall within the range of 205.37 to 260.37 degrees.

Visit

Proposal 17719, Orientation1_F435W_Orbits1_2_COS-Z12-2 (01), implementation Wed Mar 05 20:00:24 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; ORIENT 269D TO 272 D

Diagnostics

(Orientation1_F435W_Orbits1_2_COS-Z12-2 (01)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation1_F435W_Orbits1_2_COS-Z12-2 (01)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

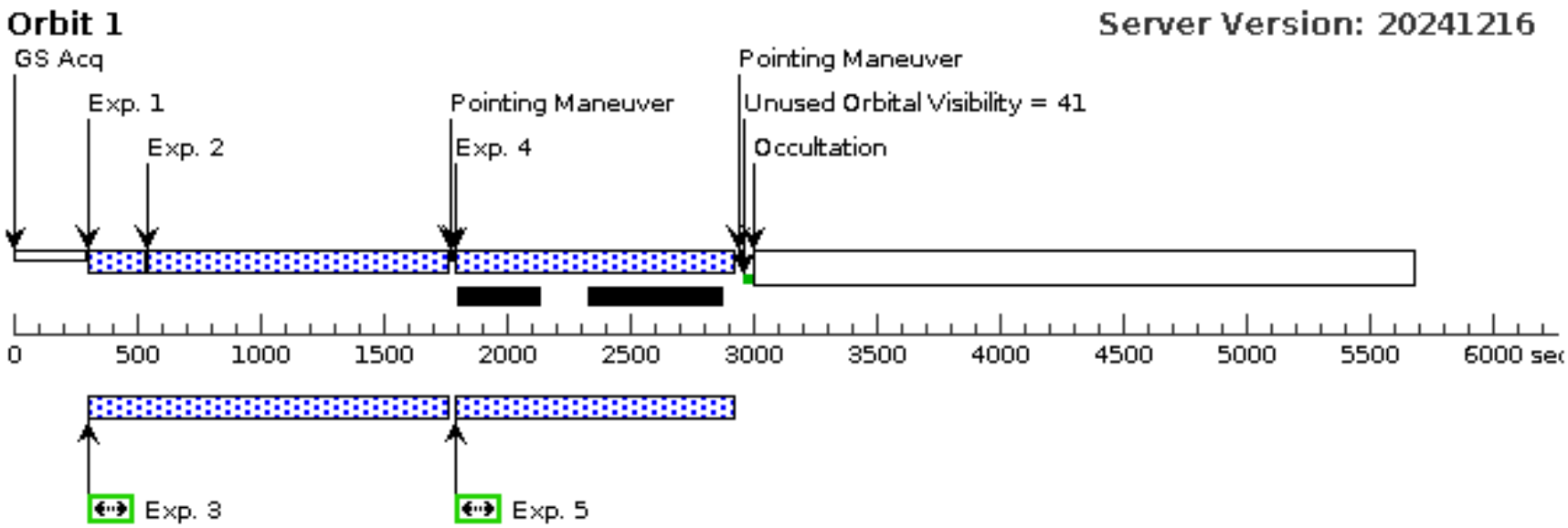
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	COS-Z12-2	RA: 09 59 59.9100 (149.9996250d) Dec: +02 06 59.90 (2.11664d) Equinox: J2000		V=30+/-1 25th mag at ~2um from JWST photometry	Reference Frame: ICRS

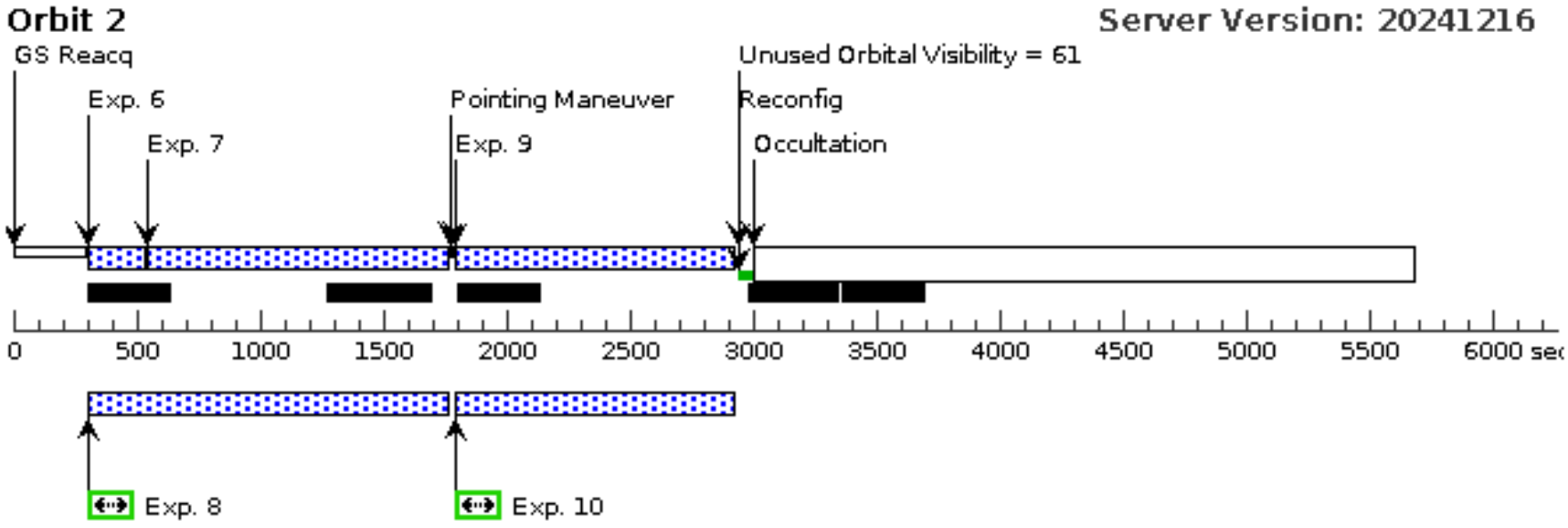
Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation 1_F435W_Orbits1_2_COS-Z12-2 (01)	202.934095 Secs (202.934 Secs) *[==>]*	***[1]***
2		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation 1_F435W_Orbits1_2_COS-Z12-2 (01)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 1-3 in Orientation 1_F435W_Orbits1_2_COS-Z12-2 (01)	1200.0 Secs (1257 Secs) *[==>1257.0 Secs]*	***[1]***
4		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation 1_F435W_Orbits1_2_COS-Z12-2 (01)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in Orientation 1_F435W_Orbits1_2_COS-Z12-2 (01)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[1]***
6		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation 1_F435W_Orbits1_2_COS-Z12-2 (01)	202.934095 Secs (202.934 Secs) *[==>]*	***[2]***
7		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation 1_F435W_Orbits1_2_COS-Z12-2 (01)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 6-8 in Orientation 1_F435W_Orbits1_2_COS-Z12-2 (01)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	***[2]***
9		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation1_F435W_Orbits1_2_COS-Z12-2 (01)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 9-10 in Orientation1_F435W_Orbits1_2_COS-Z12-2 (01)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[2]***

Orbit Structure





Visit

Proposal 17719, Orientation1_F606W_Orbits3_4_COS-Z12-2 (02), implementation Wed Mar 05 20:00:24 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; SAME ORIENT AS 01

Diagnostics

(Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

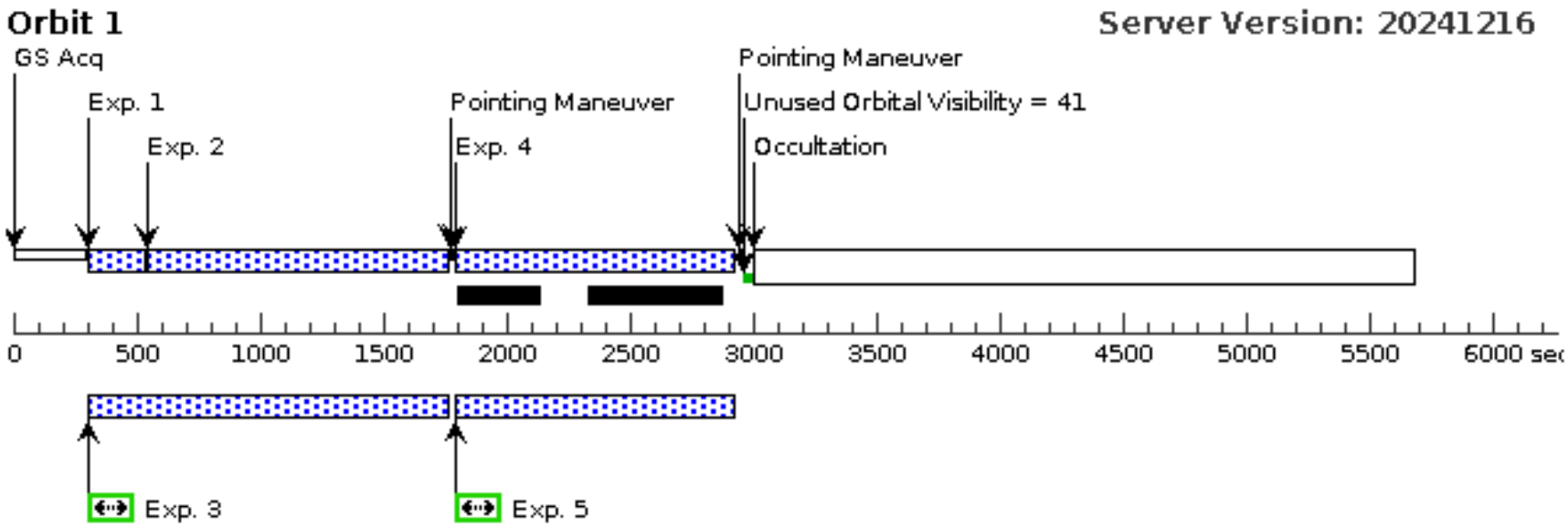
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	COS-Z12-2	RA: 09 59 59.9100 (149.9996250d) Dec: +02 06 59.90 (2.11664d) Equinox: J2000		V=30+/-1 25th mag at ~2um from JWST photometry	Reference Frame: ICRS

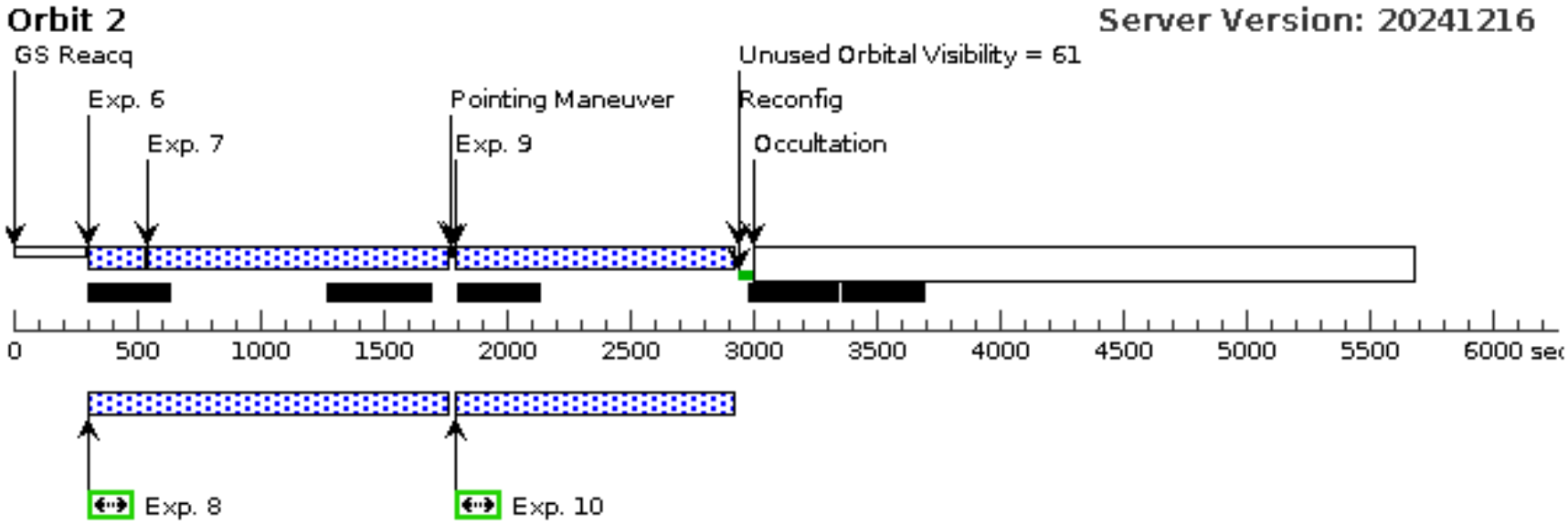
Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)	202.934095 Secs (202.934 Secs) *[==>]*	***[1]***
2		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 1-3 in Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)	1200.0 Secs (1257 Secs) *[==>1257.0 Secs]*	***[1]***
4		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[1]***
6		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)	202.934095 Secs (202.934 Secs) *[==>]*	***[2]***
7		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-8 in Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	***[2]***
9		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 9-10 in Orientation1_F606W_Orbits3_4_COS-Z12-2 (02)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[2]***

Orbit Structure





Visit

Proposal 17719, Orientation1_F814W_Orbits5_6_COS-Z12-2 (03), implementation Wed Mar 05 20:00:24 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; SAME ORIENT AS 01

Diagnostics

(Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

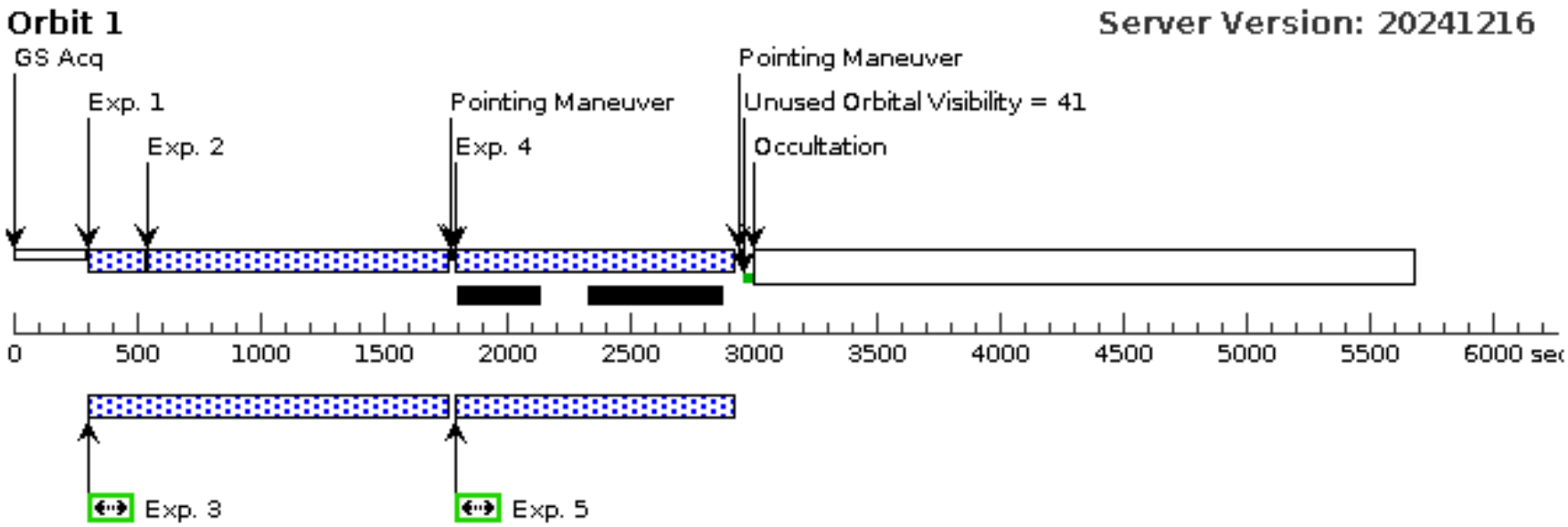
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	COS-Z12-2	RA: 09 59 59.9100 (149.9996250d) Dec: +02 06 59.90 (2.11664d) Equinox: J2000		V=30+/-1 25th mag at ~2um from JWST photometry	Reference Frame: ICRS

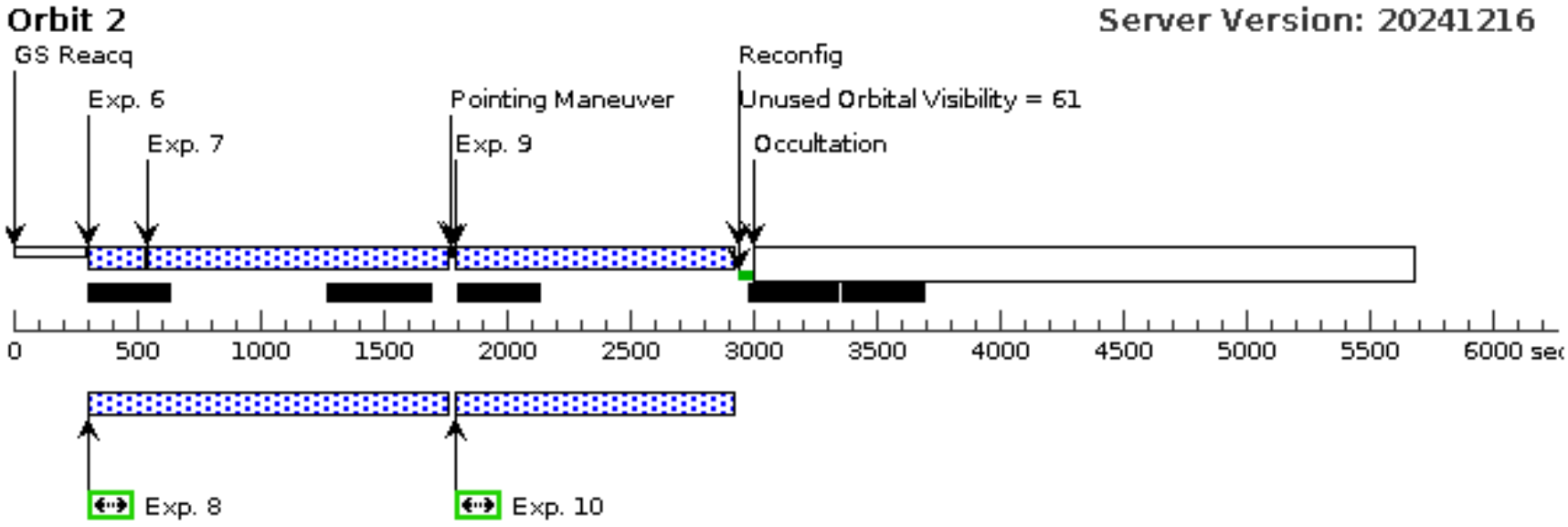
Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)	202.934095 Secs (202.934 Secs) *[==>]*	***[1]***
2		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-3 in Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)	1200.0 Secs (1257 Secs) *[==>1257.0 Secs]*	***[1]***
4		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 4-5 in Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[1]***
6		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)	202.934095 Secs (202.934 Secs) *[==>]*	***[2]***
7		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-8 in Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	***[2]***
9		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 9-10 in Orientation1_F814W_Orbits5_6_COS-Z12-2 (03)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[2]***

Orbit Structure





Visit

Proposal 17719, Orientation1_F435W_Orbits7_8_COS-Z11-3 (04), implementation Wed Mar 05 20:00:24 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; ORIENT 278D TO 281 D

Diagnostics

(Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

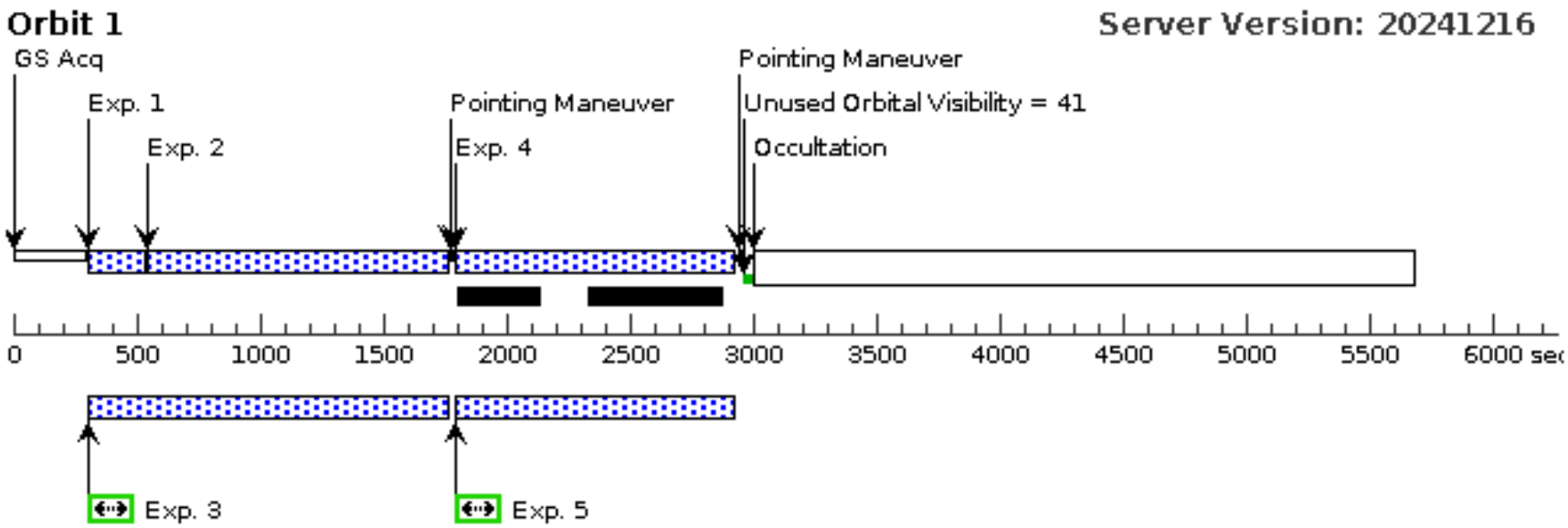
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	COS-Z10-3	RA: 10 00 9.0400 (150.0376667d) Dec: +02 35 18.09 (2.58836d) Equinox: J2000		V=30+/-1 ~26 mag at 2um from JWST photometry	Reference Frame: ICRS

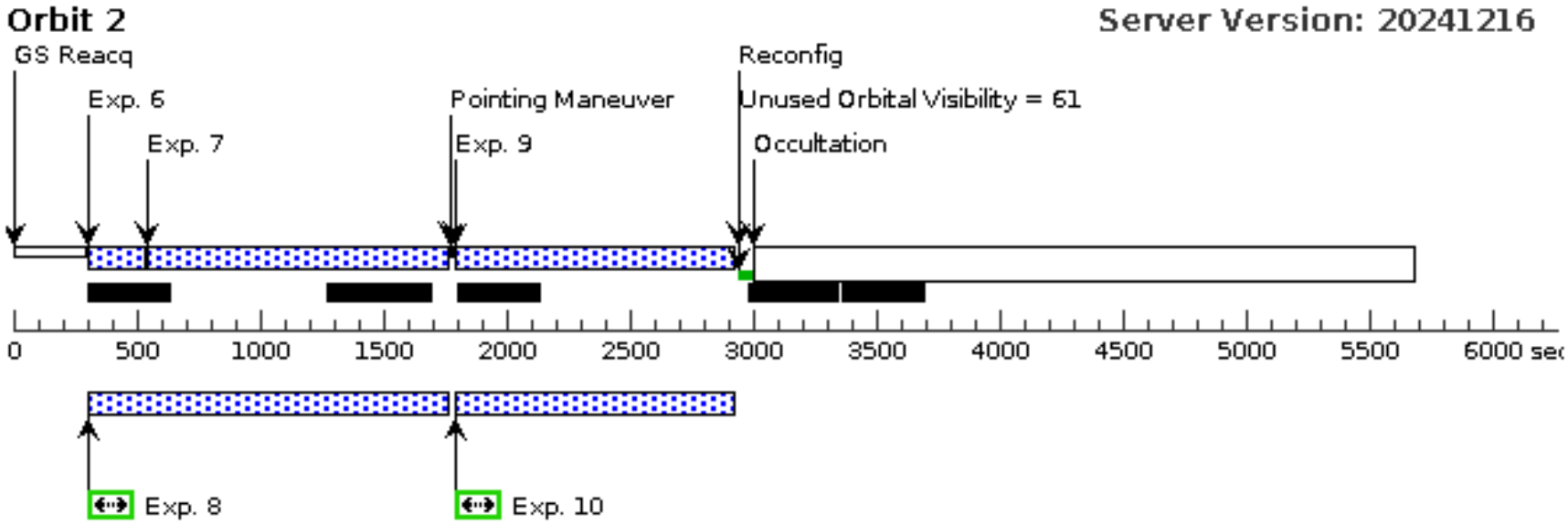
Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)	202.934095 Secs (202.934 Secs) *[==>]*	***[1]***
2		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 1-3 in Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)	1200.0 Secs (1257 Secs) *[==>1257.0 Secs]*	***[1]***
4		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[1]***
6		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)	202.934095 Secs (202.934 Secs) *[==>]*	***[2]***
7		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 6-8 in Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	***[2]***
9		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 9-10 in Orientation1_F435W_Orbits7_8_COS-Z11-3 (04)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[2]***

Orbit Structure





Visit

Proposal 17719, Orientation1_F606W_Orbits9_10_COS-Z11-3 (05), scheduling Wed Mar 05 20:00:24 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; SAME ORIENT AS 04

Diagnostics

(Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

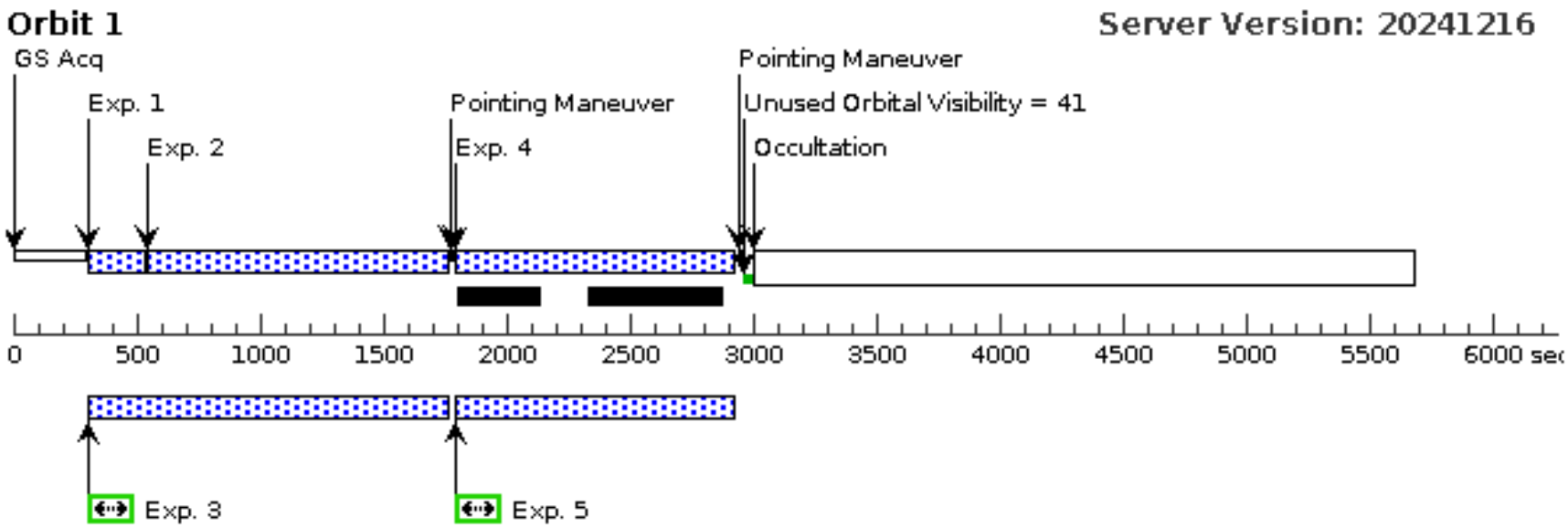
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	COS-Z10-3	RA: 10 00 9.0400 (150.0376667d) Dec: +02 35 18.09 (2.58836d) Equinox: J2000		V=30+/-1 ~26 mag at 2um from JWST photometry	Reference Frame: ICRS

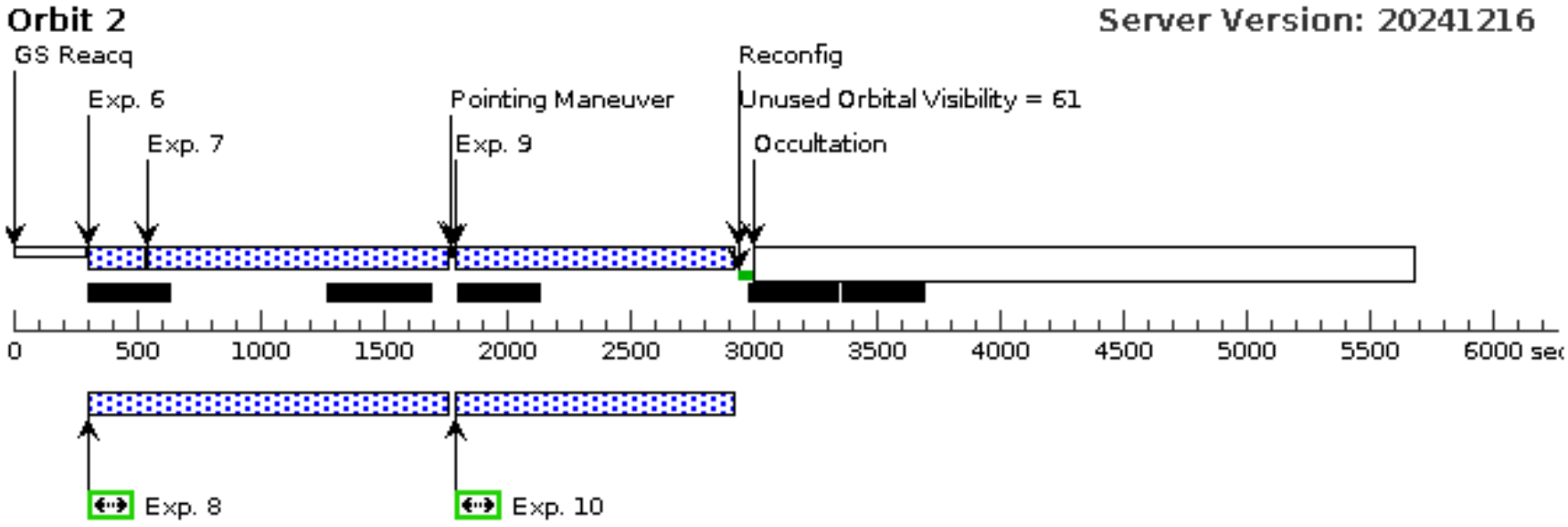
Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)	202.934095 Secs (202.934 Secs) *[==>]*	***[1]***
2		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 1-3 in Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)	1200.0 Secs (1257 Secs) *[==>1257.0 Secs]*	***[1]***
4		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[1]***
6		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)	202.934095 Secs (202.934 Secs) *[==>]*	***[2]***
7		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-8 in Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	***[2]***
9		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 9-10 in Orientation1_F606W_Orbits9_10_COS-Z11-3 (05)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[2]***

Orbit Structure





Visit

Proposal 17719, Orientation1_F814W_Orbits10_11_COS-Z11-3 (06), scheduling Wed Mar 05 20:00:24 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; SAME ORIENT AS 04

Diagnostics

(Orientation1_F814W_Orbits10_11_COS-Z11-3 (06)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation1_F814W_Orbits10_11_COS-Z11-3 (06)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

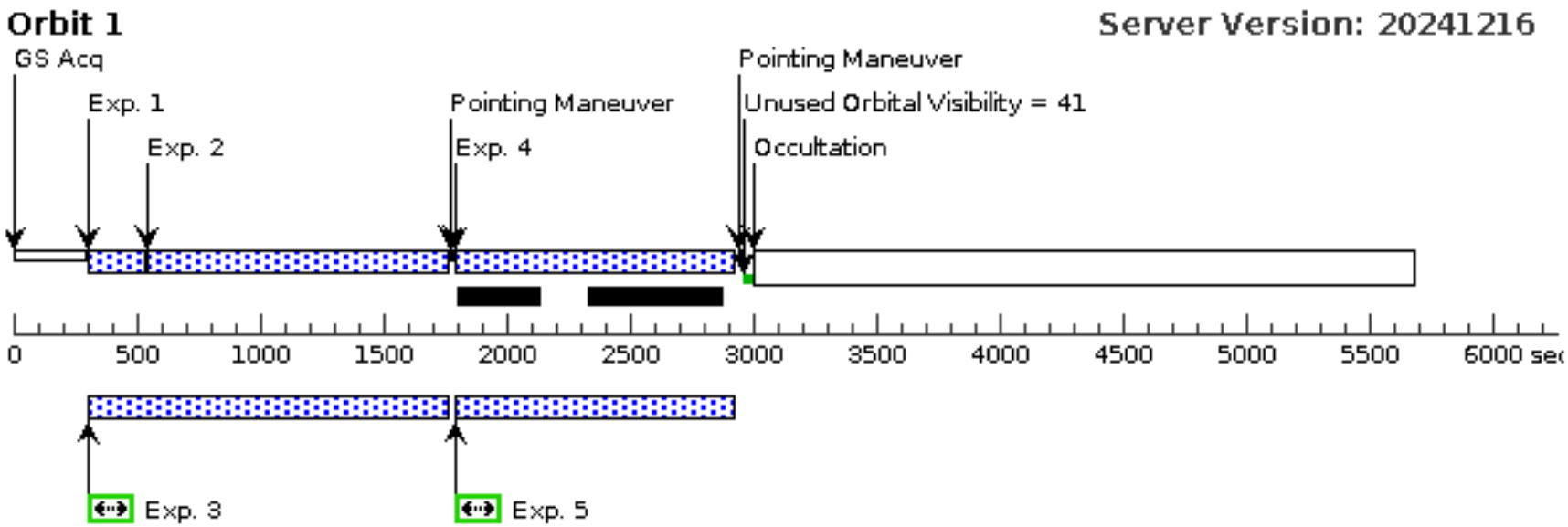
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	COS-Z10-3	RA: 10 00 9.0400 (150.0376667d) Dec: +02 35 18.09 (2.58836d) Equinox: J2000		V=30+/-1 ~26 mag at 2um from JWST photometry	Reference Frame: ICRS

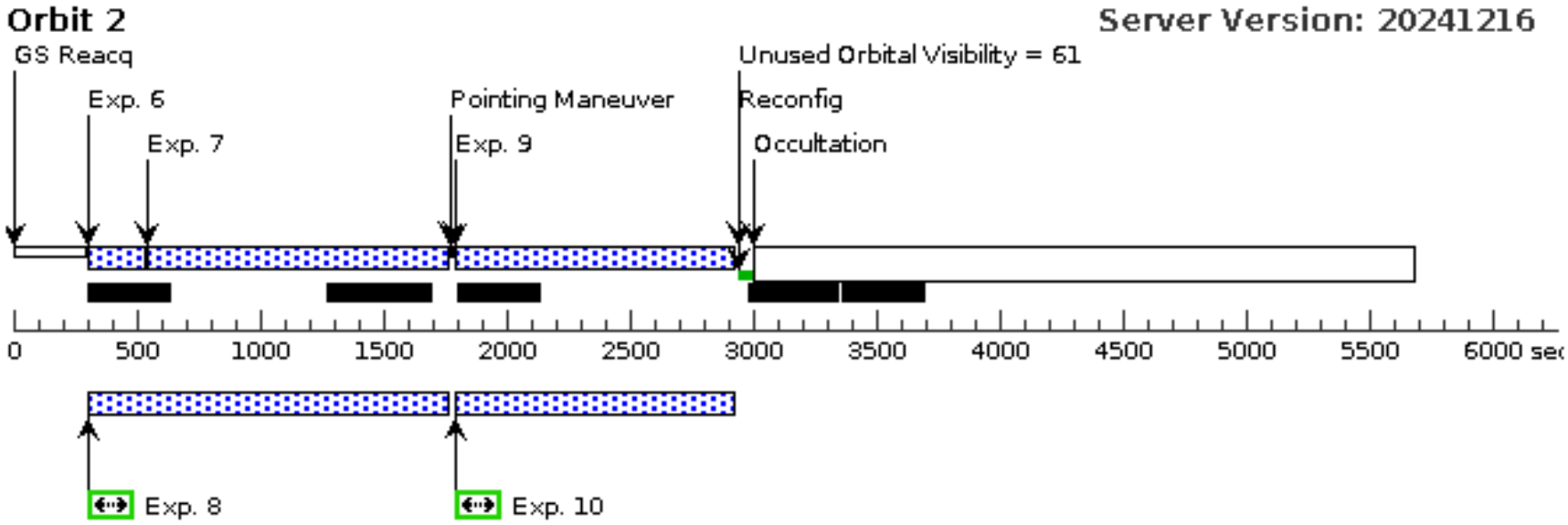
Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation 1_F814W_Orbits10_11_COS-Z11-3 (06)	202.934095 Secs (202.934 Secs) *[==>]*	***[1]***
2		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation 1_F814W_Orbits10_11_COS-Z11-3 (06)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-3 in Orientation 1_F814W_Orbits10_11_COS-Z11-3 (06)	1200.0 Secs (1257 Secs) *[==>1257.0 Secs]*	***[1]***
4		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation 1_F814W_Orbits10_11_COS-Z11-3 (06)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 4-5 in Orientation 1_F814W_Orbits10_11_COS-Z11-3 (06)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[1]***
6		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation 1_F814W_Orbits10_11_COS-Z11-3 (06)	202.934095 Secs (202.934 Secs) *[==>]*	***[2]***
7		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation 1_F814W_Orbits10_11_COS-Z11-3 (06)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-8 in Orientation 1_F814W_Orbits10_11_COS-Z11-3 (06)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	***[2]***
9		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation1_F814W_Orbits10_11_COS-Z11-3 (06)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 9-10 in Orientation1_F814W_Orbits10_11_COS-Z11-3 (06)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[2]***

Orbit Structure





Visit

Proposal 17719, Orientation2_F435W_Orbits13_14_COS-Z12-2 (07), implementation Wed Mar 05 20:00:25 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; ORIENT 287D TO 287 D

Diagnostics

(Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

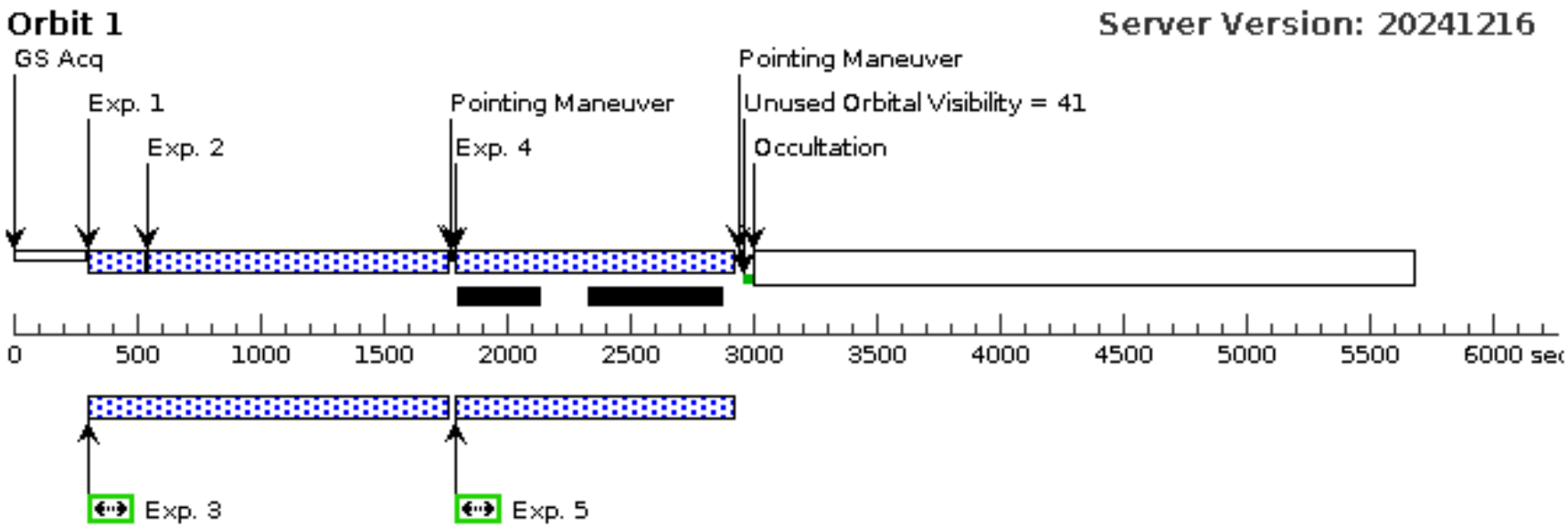
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	COS-Z12-2	RA: 09 59 59.9100 (149.9996250d) Dec: +02 06 59.90 (2.11664d) Equinox: J2000		V=30+/-1 25th mag at ~2um from JWST photometry	Reference Frame: ICRS

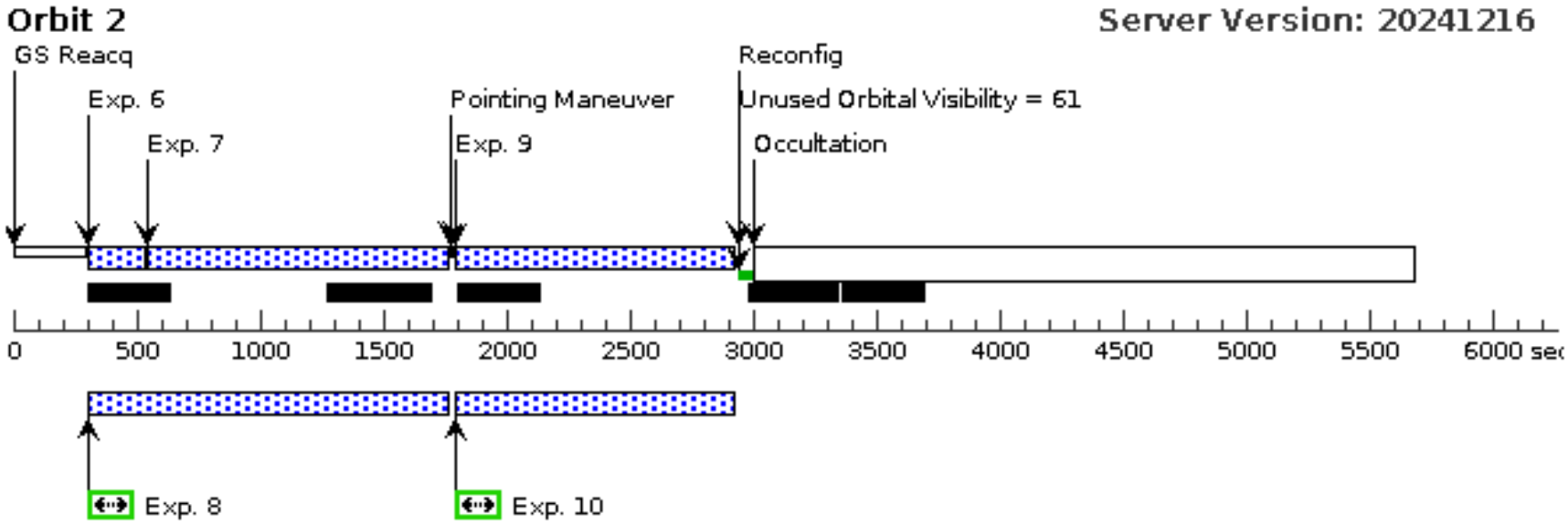
Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)	202.934095 Secs (202.934 Secs) *[==>]*	 ***[1]***
2		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)	1202.936167 Secs (1202.936 Secs) *[==>]*	 ***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 1-3 in Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)	1200.0 Secs (1257 Secs) *[==>1257.0 Secs]*	 ***[1]***
4		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)	1102.935844 Secs (1102.936 Secs) *[==>]*	 ***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	 ***[1]***
6		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)	202.934095 Secs (202.934 Secs) *[==>]*	 ***[2]***
7		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)	1202.936167 Secs (1202.936 Secs) *[==>]*	 ***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 6-8 in Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	 ***[2]***
9		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)	1102.935844 Secs (1102.936 Secs) *[==>]*	 ***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 9-10 in Orientation2_F435W_Orbits13_14_COS-Z12-2 (07)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	 ***[2]***

Orbit Structure





Visit

Proposal 17719, Orientation2_F606W_Orbits15_16_COS-Z12-2 (08), scheduling Wed Mar 05 20:00:25 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; SAME ORIENT AS 07

Diagnostics

(Orientation2_F606W_Orbits15_16_COS-Z12-2 (08)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation2_F606W_Orbits15_16_COS-Z12-2 (08)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

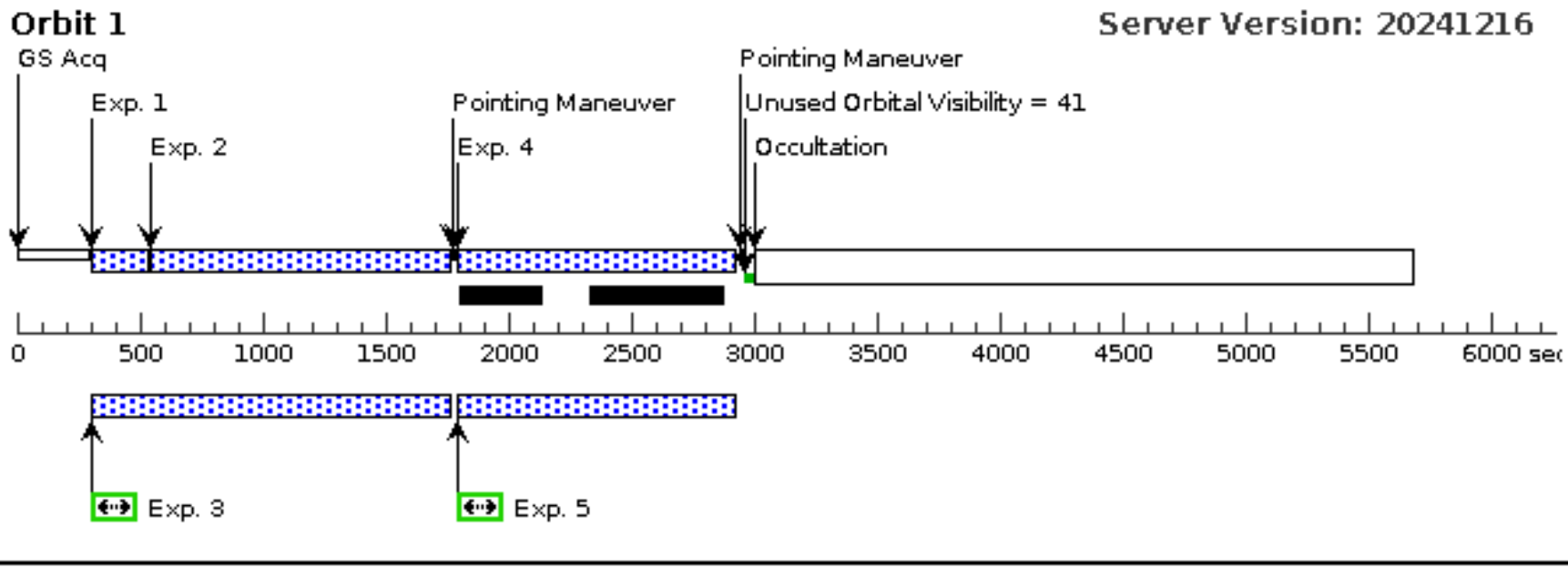
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	COS-Z12-2	RA: 09 59 59.9100 (149.9996250d) Dec: +02 06 59.90 (2.11664d) Equinox: J2000		V=30+/-1 25th mag at ~2um from JWST photometry	Reference Frame: ICRS

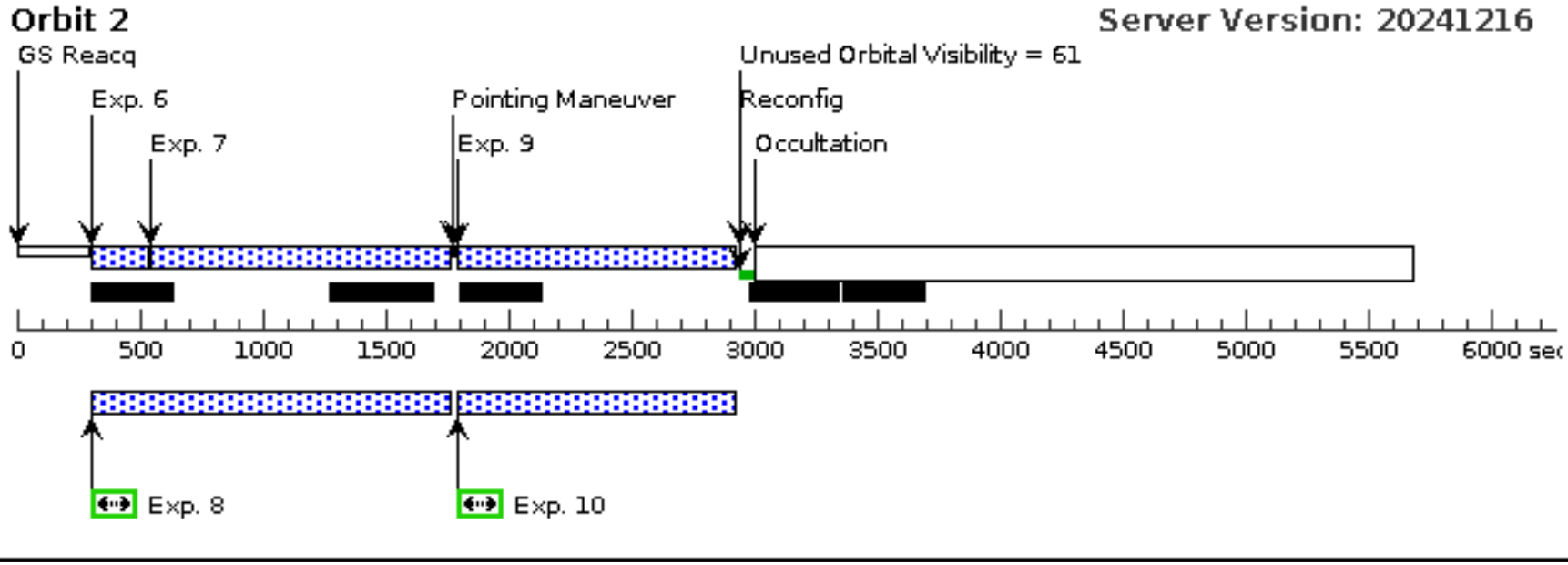
Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation 2_F606W_Orbits15_16_COS-Z12-2 (08)	202.934095 Secs (202.934 Secs) *[==>]*	***[1]***
2		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation 2_F606W_Orbits15_16_COS-Z12-2 (08)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 1-3 in Orientation 2_F606W_Orbits15_16_COS-Z12-2 (08)	1200.0 Secs (1257 Secs) *[==>1257.0 Secs]*	***[1]***
4		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation 2_F606W_Orbits15_16_COS-Z12-2 (08)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Orientation 2_F606W_Orbits15_16_COS-Z12-2 (08)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[1]***
6		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation 2_F606W_Orbits15_16_COS-Z12-2 (08)	202.934095 Secs (202.934 Secs) *[==>]*	***[2]***
7		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation 2_F606W_Orbits15_16_COS-Z12-2 (08)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-8 in Orientation 2_F606W_Orbits15_16_COS-Z12-2 (08)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	***[2]***
9		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation2_F606W_Orbits15_16_COS-Z12-2 (08)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 9-10 in Orientation2_F606W_Orbits15_16_COS-Z12-2 (08)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[2]***

Orbit Structure





Visit

Proposal 17719, Orientation2_F814W_Orbits17_18_COS-Z12-2 (09), scheduling Wed Mar 05 20:00:25 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; SAME ORIENT AS 07

Diagnostics

(Orientation2_F814W_Orbits17_18_COS-Z12-2 (09)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation2_F814W_Orbits17_18_COS-Z12-2 (09)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

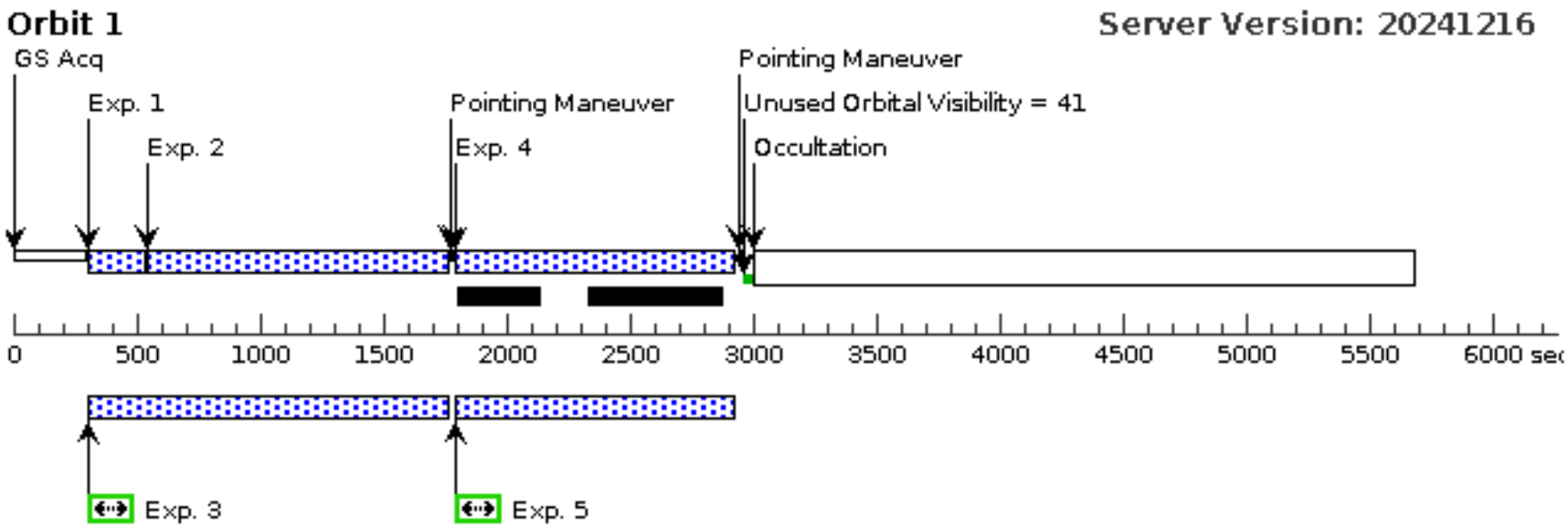
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	COS-Z12-2	RA: 09 59 59.9100 (149.9996250d) Dec: +02 06 59.90 (2.11664d) Equinox: J2000		V=30+/-1 25th mag at ~2um from JWST photometry	Reference Frame: ICRS

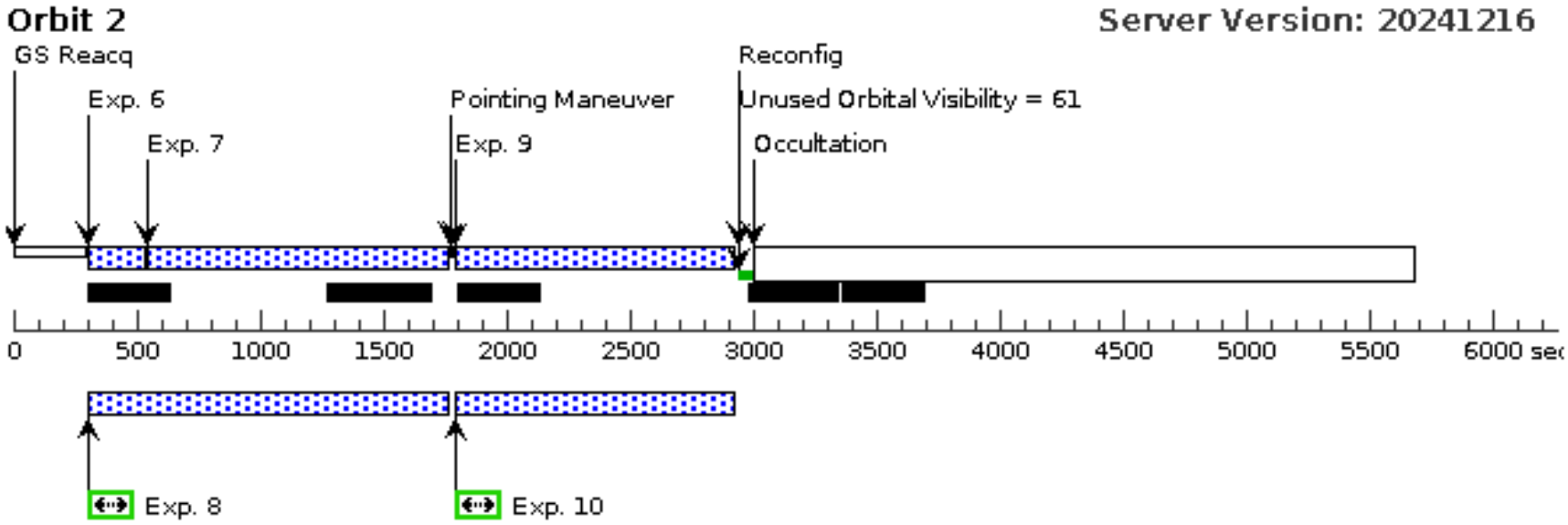
Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation 2_F814W_Orbits17_18_COS-Z12-2 (09)	202.934095 Secs (202.934 Secs) *[==>]*	***[1]***
2		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation 2_F814W_Orbits17_18_COS-Z12-2 (09)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-3 in Orientation 2_F814W_Orbits17_18_COS-Z12-2 (09)	1200.0 Secs (1257 Secs) *[==>1257.0 Secs]*	***[1]***
4		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation 2_F814W_Orbits17_18_COS-Z12-2 (09)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 4-5 in Orientation 2_F814W_Orbits17_18_COS-Z12-2 (09)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[1]***
6		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation 2_F814W_Orbits17_18_COS-Z12-2 (09)	202.934095 Secs (202.934 Secs) *[==>]*	***[2]***
7		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation 2_F814W_Orbits17_18_COS-Z12-2 (09)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-8 in Orientation 2_F814W_Orbits17_18_COS-Z12-2 (09)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	***[2]***
9		(1) COS-Z12-2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation2_F814W_Orbits17_18_COS-Z12-2 (09)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 9-10 in Orientation2_F814W_Orbits17_18_COS-Z12-2 (09)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[2]***

Orbit Structure





Visit

Proposal 17719, Orientation2_F435W_Orbits19_20_COS-Z11-3 (10), implementation Wed Mar 05 20:00:25 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; ORIENT 304D TO 305 D

Diagnostics

(Orientation2_F435W_Orbits19_20_COS-Z11-3 (10)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation2_F435W_Orbits19_20_COS-Z11-3 (10)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

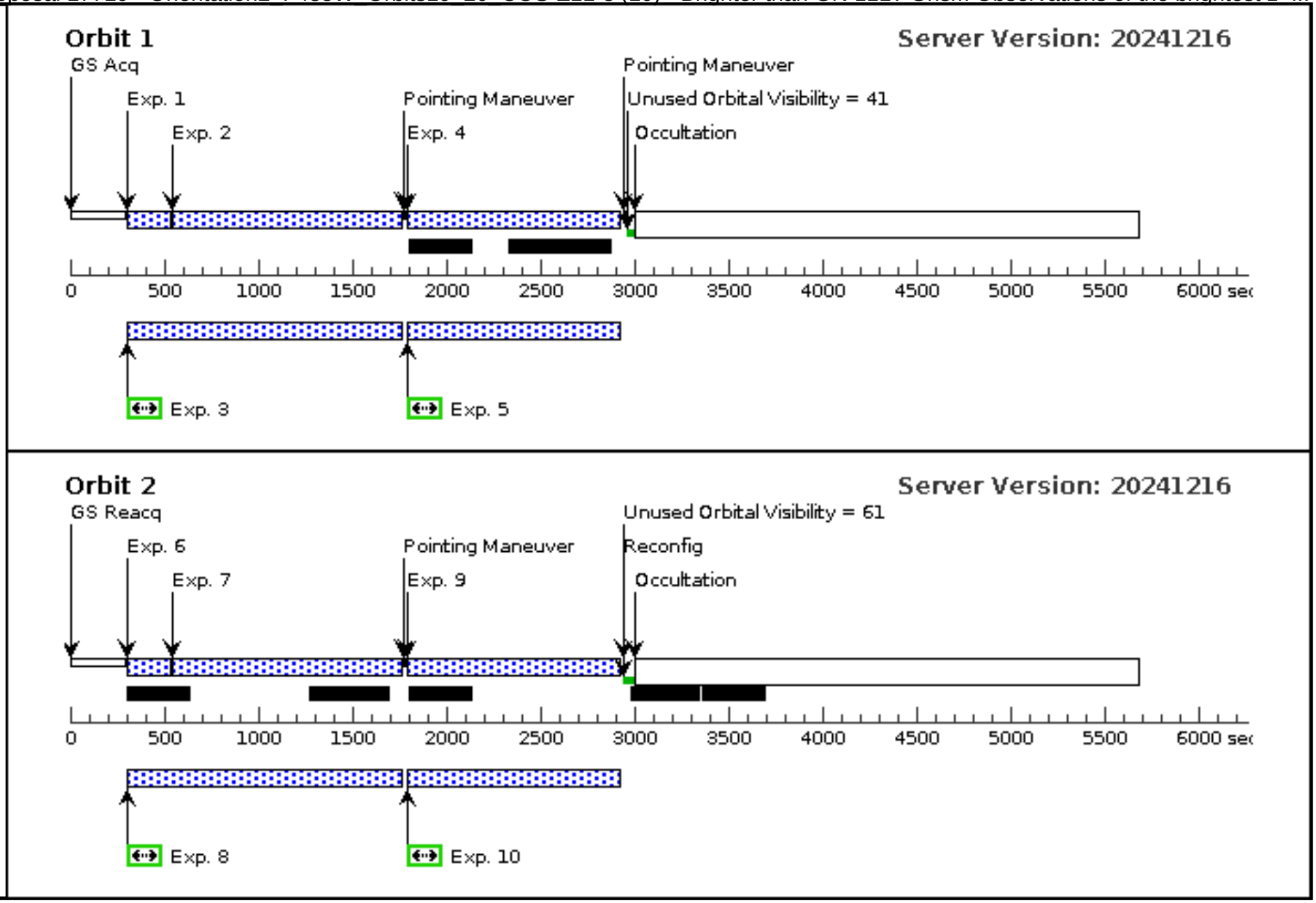
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	COS-Z10-3	RA: 10 00 9.0400 (150.0376667d) Dec: +02 35 18.09 (2.58836d) Equinox: J2000		V=30+/-1 ~26 mag at 2um from JWST photometry	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation 2_F435W_Orbits19_20_COS-Z11-3 (10)	202.934095 Secs (202.934 Secs) *[==>]*	***[1]***
2		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation 2_F435W_Orbits19_20_COS-Z11-3 (10)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 1-3 in Orientation 2_F435W_Orbits19_20_COS-Z11-3 (10)	1200.0 Secs (1257 Secs) *[==>1257.0 Secs]*	***[1]***
4		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation 2_F435W_Orbits19_20_COS-Z11-3 (10)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in Orientation 2_F435W_Orbits19_20_COS-Z11-3 (10)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[1]***
6		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation 2_F435W_Orbits19_20_COS-Z11-3 (10)	202.934095 Secs (202.934 Secs) *[==>]*	***[2]***
7		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation 2_F435W_Orbits19_20_COS-Z11-3 (10)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 6-8 in Orientation 2_F435W_Orbits19_20_COS-Z11-3 (10)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	***[2]***
9		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation2_F435W_Orbits19_20_COS-Z11-3 (10)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 9-10 in Orientation2_F435W_Orbits19_20_COS-Z11-3 (10)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[2]***

Orbit Structure



Visit

Proposal 17719, Orientation2_F606W_Orbits21_22_COS-Z11-3 (11), implementation Wed Mar 05 20:00:25 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; SAME ORIENT AS 10

Diagnostics

(Orientation2_F606W_Orbits21_22_COS-Z11-3 (11)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation2_F606W_Orbits21_22_COS-Z11-3 (11)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

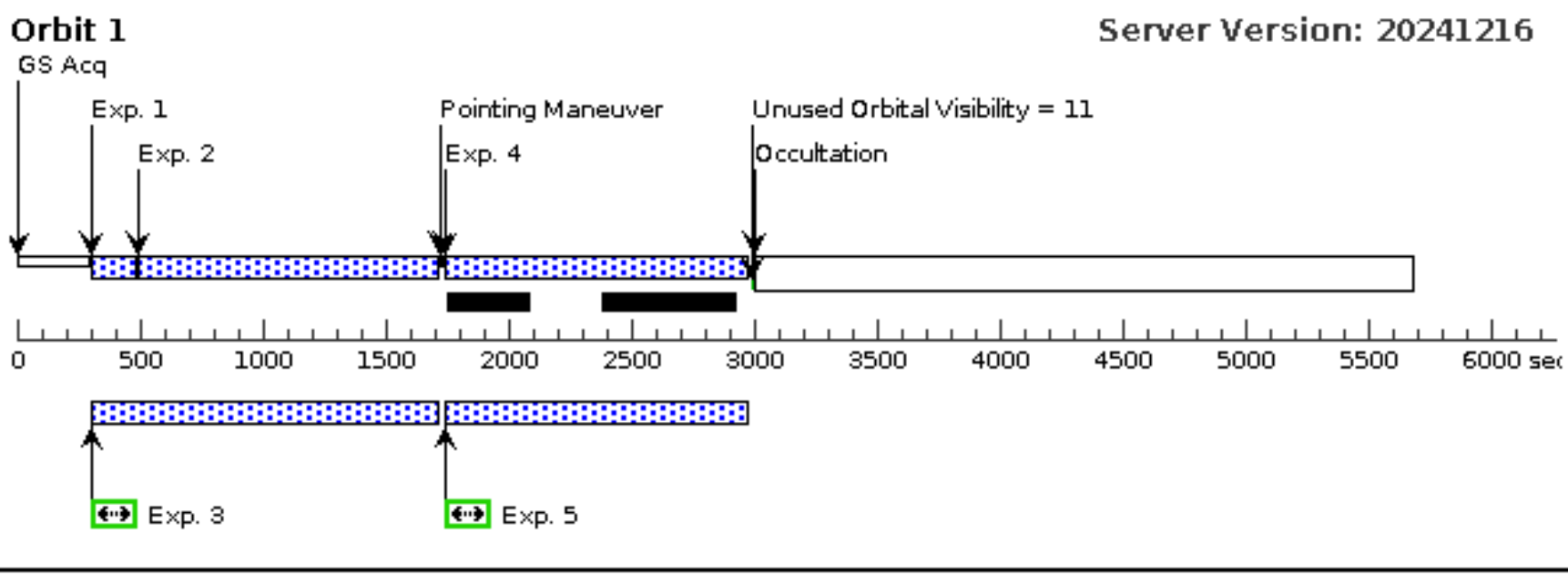
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	COS-Z10-3	RA: 10 00 9.0400 (150.0376667d) Dec: +02 35 18.09 (2.58836d) Equinox: J2000		V=30+/-1 ~26 mag at 2um from JWST photometry	Reference Frame: ICRS

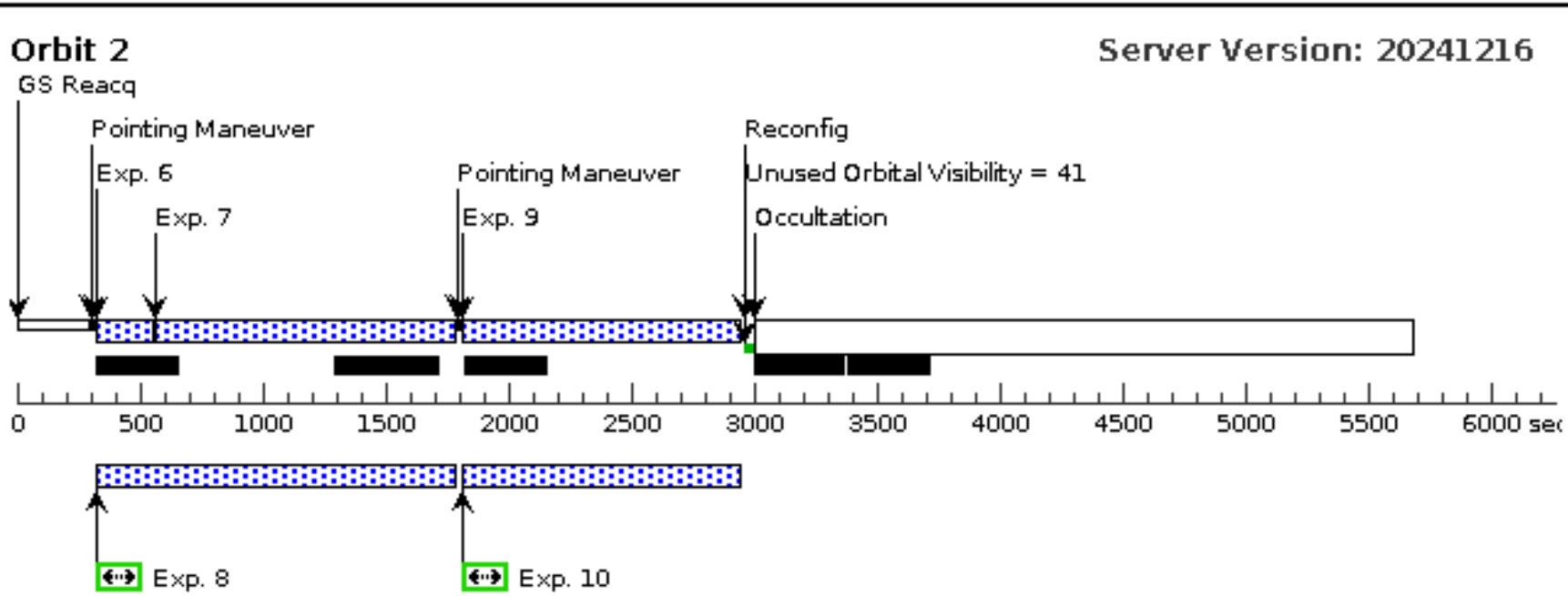
Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=4; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation 2_F606W_Orbits21_22_COS-Z11-3 (11)	152.933644 Secs (152.934 Secs) *[==>]*	***[1]***
2		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation 2_F606W_Orbits21_22_COS-Z11-3 (11)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 1-3 in Orientation 2_F606W_Orbits21_22_COS-Z11-3 (11)	1200.0 Secs (1207 Secs) *[==>1207.0 Secs]*	***[1]***
4		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation 2_F606W_Orbits21_22_COS-Z11-3 (11)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Orientation 2_F606W_Orbits21_22_COS-Z11-3 (11)	1200.0 Secs (1107 Secs) *[==>1107.0 Secs]*	***[1]***
6		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation 2_F606W_Orbits21_22_COS-Z11-3 (11)	202.934095 Secs (202.934 Secs) *[==>]*	***[2]***
7		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation 2_F606W_Orbits21_22_COS-Z11-3 (11)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-8 in Orientation 2_F606W_Orbits21_22_COS-Z11-3 (11)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	***[2]***
9		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation2_F606W_Orbits21_22_COS-Z11-3 (11)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 9-10 in Orientation2_F606W_Orbits21_22_COS-Z11-3 (11)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[2]***

Orbit Structure





Visit

Proposal 17719, Orientation2_F814W_Orbits23_24_COS-Z11-3 (12), implementation Wed Mar 05 20:00:25 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: GYRO MODE 1G; SAME ORIENT AS 10

Diagnostics

(Orientation2_F814W_Orbits23_24_COS-Z11-3 (12)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

(Orientation2_F814W_Orbits23_24_COS-Z11-3 (12)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	COS-Z10-3	RA: 10 00 9.0400 (150.0376667d) Dec: +02 35 18.09 (2.58836d) Equinox: J2000		V=30+/-1 ~26 mag at 2um from JWST photometry	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[HIGH REDSHIFT GALAXY]
Extended=NO

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=4; SAMP-SEQ=SPARS50	POS TARG 0.0,0.0; GS ACQ SCENARIO ONEB1O3	Prime + Parallel Group 1-3 in Orientation 2_F814W_Orbits23_24_COS-Z11-3 (12)	152.933644 Secs (152.934 Secs) *[==>]*	***[1]***
2		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 1	Prime + Parallel Group 1-3 in Orientation 2_F814W_Orbits23_24_COS-Z11-3 (12)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-3 in Orientation 2_F814W_Orbits23_24_COS-Z11-3 (12)	1200.0 Secs (1207 Secs) *[==>1207.0 Secs]*	***[1]***
4		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	POS TARG 1.355,0.424	Prime + Parallel Group 4-5 in Orientation 2_F814W_Orbits23_24_COS-Z11-3 (12)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
5		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 4-5 in Orientation 2_F814W_Orbits23_24_COS-Z11-3 (12)	1200.0 Secs (1107 Secs) *[==>1107.0 Secs]*	***[1]***
6		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=5; SAMP-SEQ=SPARS50	POS TARG 0.881,1.212	Prime + Parallel Group 6-8 in Orientation 2_F814W_Orbits23_24_COS-Z11-3 (12)	202.934095 Secs (202.934 Secs) *[==>]*	***[2]***
7		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPARS100	SAME POS AS 6	Prime + Parallel Group 6-8 in Orientation 2_F814W_Orbits23_24_COS-Z11-3 (12)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[2]***
8		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-8 in Orientation 2_F814W_Orbits23_24_COS-Z11-3 (12)	1200.0 Secs (1339 Secs) *[==>1339.0 Secs]*	***[2]***
9		(2) COS-Z10-3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPARS100	POS TARG -0.474,0.788	Prime + Parallel Group 9-10 in Orientation2_F814W_Orbits23_24_COS-Z11-3 (12)	1102.935844 Secs (1102.936 Secs) *[==>]*	***[2]***
10		ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 9-10 in Orientation2_F814W_Orbits23_24_COS-Z11-3 (12)	1200.0 Secs (1007 Secs) *[==>1007.0 Secs]*	***[2]***

Orbit Structure