16162 - Solving the metallicity dependence of evolved star evolution and completing HST's near-IR legacy in the Local Volume

Cycle: 28, 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) UGC-8091	WFC3/IR	1	30-Nov-2021 16:00:26.0	yes
02	(2) UGC-9128	WFC3/IR	3	30-Nov-2021 16:00:28.0	yes
03	(2) UGC-9128	WFC3/UVIS	1	30-Nov-2021 16:00:29.0	yes
04	(3) UGC-6817 ANY	ACS/WFC WFC3/IR	3	30-Nov-2021 16:00:32.0	yes
05	(3) UGC-6817	WFC3/UVIS	1	30-Nov-2021 16:00:33.0	yes
06	(4) UGC-8508	WFC3/IR	1	30-Nov-2021 16:00:34.0	yes
07	(5) UGC-7577	WFC3/IR	3	30-Nov-2021 16:00:36.0	yes
08	(5) UGC-7577	WFC3/UVIS	1	30-Nov-2021 16:00:37.0	yes
09	(6) UGC-9240	WFC3/IR	3	30-Nov-2021 16:00:39.0	yes
10	(7) NGC-4163	WFC3/IR	1	30-Nov-2021 16:00:41.0	yes
11	(7) NGC-4163	WFC3/UVIS	1	30-Nov-2021 16:00:41.0	yes
12	(8) UGC-8651	WFC3/IR	3	30-Nov-2021 16:00:43.0	yes
13	(8) UGC-8651	WFC3/UVIS	1	30-Nov-2021 16:00:44.0	yes
14	(9) UGCA-292	WFC3/IR	1	30-Nov-2021 16:00:45.0	yes
15	(10) NGC-3741	WFC3/IR	1	30-Nov-2021 16:00:46.0	yes
Z5	(10) NGC-3741	WFC3/IR	1	30-Nov-2021 16:00:47.0	yes
16	(11) UGC-8833	WFC3/IR	3	30-Nov-2021 16:00:48.0	yes
17	(11) UGC-8833	WFC3/UVIS	1	30-Nov-2021 16:00:49.0	yes
18	(15) IC-1613 ANY	ACS/WFC WFC3/IR	1	30-Nov-2021 16:00:50.0	yes
19	(15) IC-1613	WFC3/UVIS	1	30-Nov-2021 16:00:51.0	yes
20	(16) LEO-A	WFC3/IR	2	30-Nov-2021 16:00:53.0	yes
21	(17) DDO-210 ANY	ACS/WFC WFC3/IR	2	30-Nov-2021 16:00:55.0	yes
22	(18) SAG-DIG	WFC3/IR	2	30-Nov-2021 16:00:57.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
23	(19) ANTLIA	WFC3/IR	2	30-Nov-2021 16:00:59.0	yes
24	(19) ANTLIA	WFC3/UVIS	1	30-Nov-2021 16:00:59.0	yes
25	(20) SEX-A ANY	ACS/WFC WFC3/IR	1	30-Nov-2021 16:01:00.0	yes
26	(20) SEX-A ANY	ACS/WFC WFC3/IR	1	30-Nov-2021 16:01:02.0	yes
27	(20) SEX-A	WFC3/UVIS	1	30-Nov-2021 16:01:02.0	yes
28	(21) SEX-B ANY	ACS/WFC WFC3/IR	1	30-Nov-2021 16:01:03.0	yes
29	(21) SEX-B	WFC3/UVIS	1	30-Nov-2021 16:01:04.0	yes
30	(22) WLM-POS1 ANY	ACS/WFC WFC3/IR	1	30-Nov-2021 16:01:05.0	yes
31	(22) WLM-POS1 ANY	ACS/WFC WFC3/IR	1	30-Nov-2021 16:01:06.0	yes
H1	(22) WLM-POS1 ANY	ACS/WFC WFC3/IR	1	30-Nov-2021 16:01:08.0	yes
32	(22) WLM-POS1	WFC3/UVIS	1	30-Nov-2021 16:01:08.0	yes
35	(23) WLM-POS2 ANY	ACS/WFC WFC3/IR	2	30-Nov-2021 16:01:10.0	yes

52 Total Orbits Used

ABSTRACT

Thermally-pulsing (TP-)AGB stars and red helium-burning (RHeB) stars dominate the near-infrared (NIR) flux in star-forming galaxies (up to 70%) and thus have a strong impact on the appearance of galaxies. These stars are notoriously difficult to model, and the only empirical constraints on their evolution come from the Magellanic Clouds, at just 20% and 50% solar metallicity. Lower metallicity models are entirely uncalibrated and these uncertainties propagate to stellar population synthesis, leading to (sometimes wildly) inaccurate derived galaxy properties such as the star-formation rate and stellar mass. The HST is capable of rectifying this. By adding NIR and some additional optical imaging to existing optical and UV imaging

of an optimally selected sample of nearby (< 3.1 Mpc) metal-poor dwarf galaxies, we can produce observables (luminosity functions, stellar counts, CMD morphology, stellar SEDs) that stringently constrain the metallicity dependencies on the processes that drive model uncertainties, including mass loss, dredge up, convective overshoot, and rotation. Understanding the metallicity dependence of these parameters is invaluable to interpreting observations of metal-poor galaxies, which dominate the number density of galaxies in the Universe. Given the prior HST investment of observations in these galaxies, this relatively modest amount of observing time promises to revolutionize the field and leave a lasting HST legacy in the Local Volume.

OBSERVING DESCRIPTION

All targets overlap UV coverage from program 15275 (PI Gilbert).

Orbits split into multiple visits per target.

We do not anticipate that reduced gyro mode would negatively affect these observations. We have no orientation restrictions.

Orbits designed following Table 1 in the approved proposal, which outlines which targets are being observed in which filters and at what depth.

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IR Medium-band observations (19 orbits)

3 Filters: F127M, F139M, F153M
Total depth for each filter is ~800-900s

Dithers added manually in [x/y]postargs to minimize unused orbit, following the WFC3-IR-DITHER-LINE-3PT pattern.

Nyquist sampling will be obtained by bootstrapping to wide IR data obtained here or from other programs that have 4 dither positions.

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IR Wide-band observations (20 orbits)

2 Filters: F110W, F160W
Total depth for each filter is ~1100-1300s

4-point dithers employed, sometimes entered manually, following WFC3-IR-DITHER-BOX-MIN.

***Cutting the wide-band IR orbit for target UGC 8091, as directed by the TTRB, because it duplicates observations in program 16292 (PI Choi).

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UVIS F475W observations (11 orbits)

1 Filter: F475W
Total depth is 1 orbit, individual images have depth of approx. 830s.

3-point dither: WFC3-UVIS-LINE-3PT

Lowest expected background on other observations of F475W is 21.2 e/pix. with a 830s exposure.

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ACS parallels (13 orbits)

Parallels in F606W and F814W attached to IR wide and/or IR medium orbits for 7 targets. Available depth split approximately evenly between both filters.

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resubmission revision: switched the order of F110W/F160W in visits 21, 25, 28, 31, & 34 to mitigate issues with He I airglow

resubmission 10/20/20: combined the WLM-POS2 IR orbits into a single visit (visit 35) so that the parallels fields are the same. TTRB approved

additional +/3 degree orient constraints to visits 25 and 31 to make sure the parallel fields are the same as visits 26 and 30, respectively (visits 36 and 30 have already been observed).

Visit

Proposal 16162, UGC-8091-IR (01), completed Tue Nov 30 21:01:11 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Fixed Targets

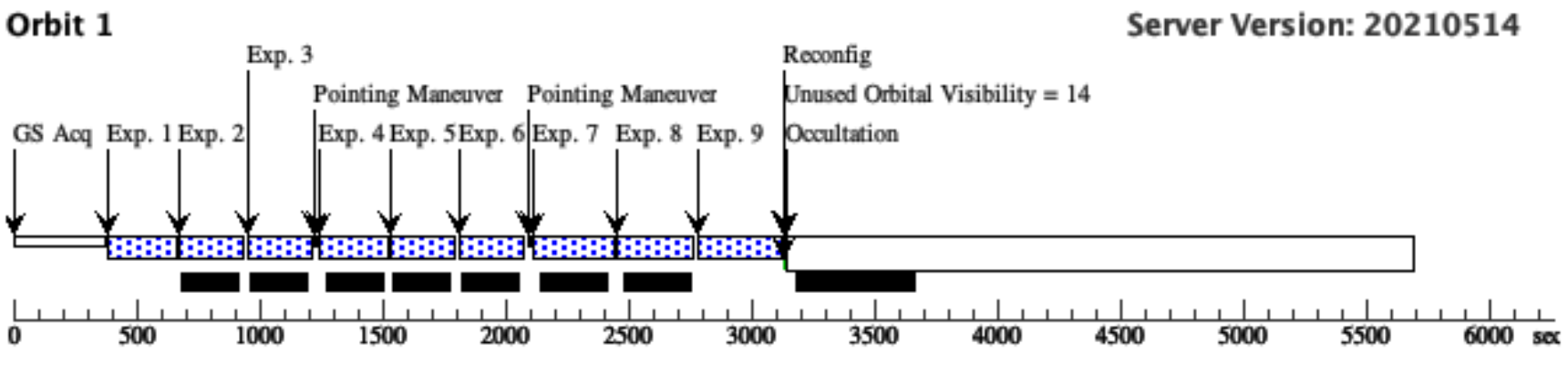
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	UGC-8091	RA: 12 58 42.1004 (194.6754183d) Dec: +14 12 45.99 (14.21277d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(1) UGC-8091	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGC-8091-IR (01)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
2	F139M-dither1	(1) UGC-8091	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGC-8091-IR (01)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
3	F153M-dither1	(1) UGC-8091	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGC-8091-IR (01)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
4	F139M-dither2	(1) UGC-8091	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8091-IR (01)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
5	F153M-dither2	(1) UGC-8091	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8091-IR (01)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
6	F127M-dither2	(1) UGC-8091	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8091-IR (01)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
7	F153M-dither3	(1) UGC-8091	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8091-IR (01)	299.232481 Secs (299.232 Secs) *[==>]*	*[1]*
8	F127M-dither3	(1) UGC-8091	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8091-IR (01)	299.232481 Secs (299.232 Secs) *[==>]*	*[1]*
9	F139M-dither3	(1) UGC-8091	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS25; NSAMP=14	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8091-IR (01)	327.938986 Secs (327.939 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 16162, UGC-9128-IR (02), completed Tue Nov 30 21:01:11 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(7)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(11), (13)

Fixed Targets

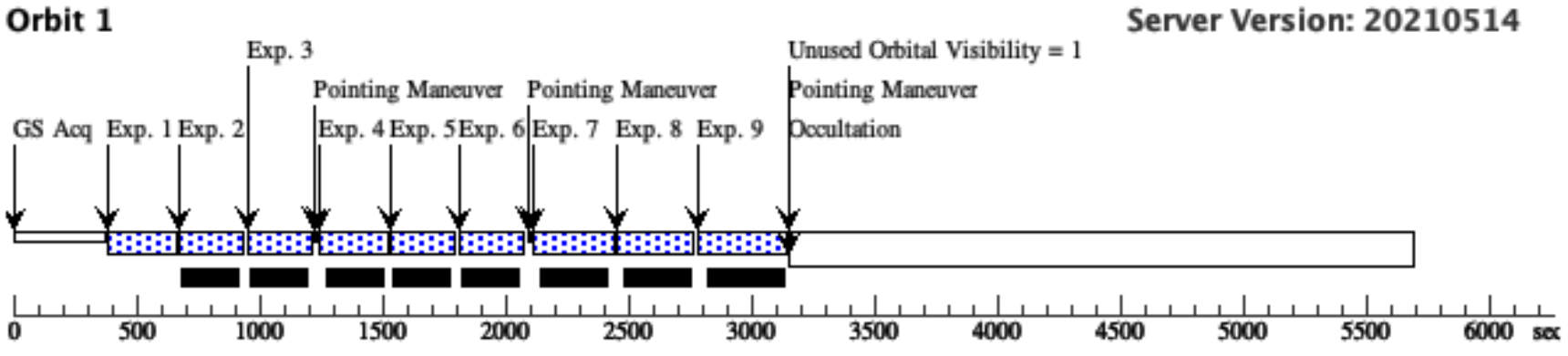
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	UGC-9128	RA: 14 15 54.3708 (213.9765450d) Dec: +23 03 28.33 (23.05787d) Equinox: J2000		V=23	Reference Frame: SIMBAD

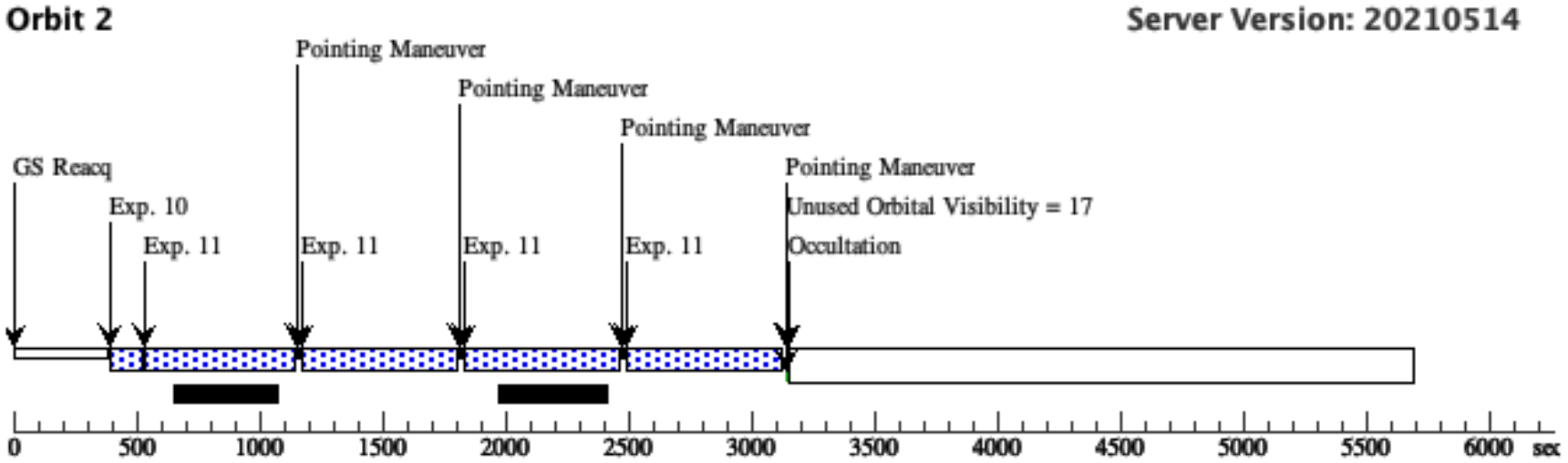
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

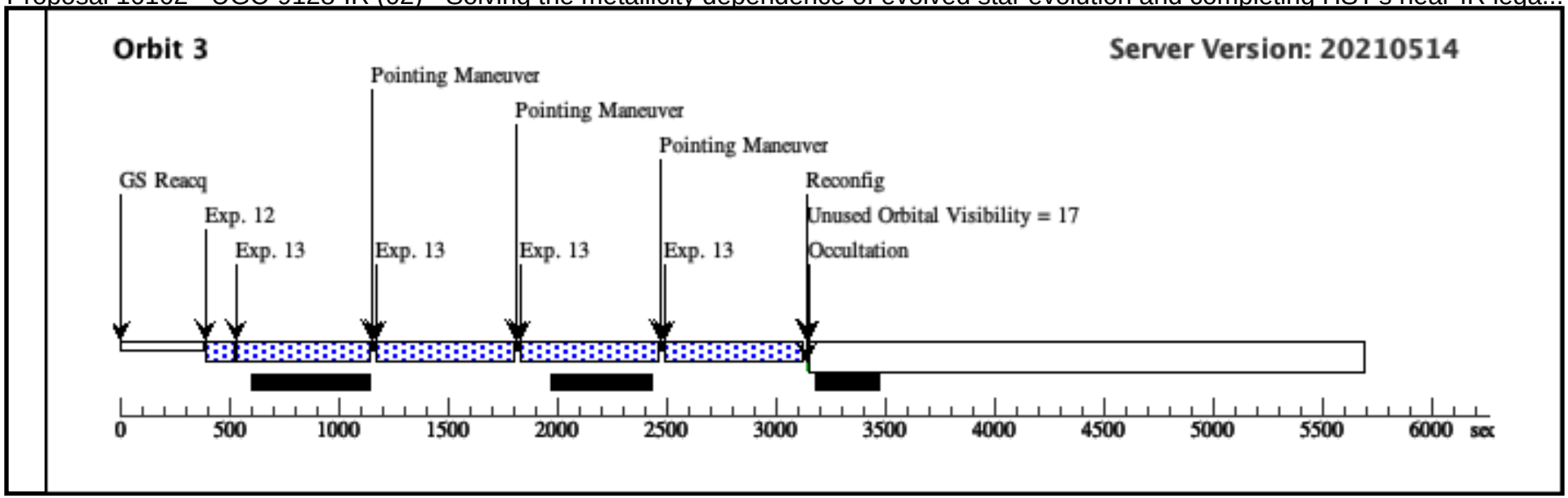
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGC-9128-IR (02)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
2	F139M-dither1	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGC-9128-IR (02)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
3	F153M-dither1	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGC-9128-IR (02)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
4	F139M-dither2	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-9128-IR (02)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
5	F153M-dither2	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-9128-IR (02)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
6	F127M-dither2	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-9128-IR (02)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
7	F153M-dither3	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-9128-IR (02)	299.232481 Secs (299.232 Secs) *[==>]*	***[1]***
8	F127M-dither3	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-9128-IR (02)	299.232481 Secs (299.232 Secs) *[==>]*	***[1]***
9	F139M-dither3	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=12	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-9128-IR (02)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
10	F110W	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	NSAMP=5; SAMP-SEQ=SPARS25		Sequence 10-11 Non-Int in UGC-9128-IR (02)	102.934351 Secs (102.934 Secs) *[==>]*	***[2]***
11	F110W	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 10-11 Non-Int in UGC-9128-IR (02) Pattern 7, Exps 11-11 in Sequence 10-11 Non-Int in UGC-9128-IR (02) (7)	599.231134 Secs (2396.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[2]***
12	F160W	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=5; SAMP-SEQ=SPARS25		Sequence 12-13 Non-Int in UGC-9128-IR (02)	102.934351 Secs (102.934 Secs) *[==>]*	***[3]***
13	F160W	(2) UGC-9128	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 12-13 Non-Int in UGC-9128-IR (02) Pattern 7, Exps 13-13 in Sequence 12-13 Non-Int in UGC-9128-IR (02) (7)	599.231134 Secs (2396.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20210514
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Reacq
Exp. 12
Exp. 13
Exp. 13
Exp. 13
Exp. 13
Reconfig
Unused Orbital Visibility = 17
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
sec

Visit

Proposal 16162, UGC-9128-UVIS (03), completed Tue Nov 30 21:01:11 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

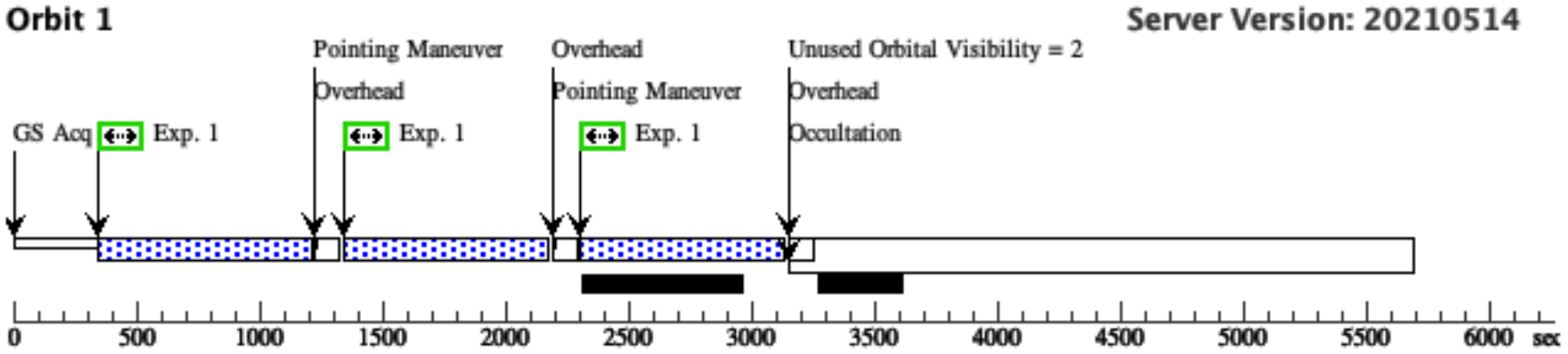
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	UGC-9128	RA: 14 15 54.3708 (213.9765450d) Dec: +23 03 28.33 (23.05787d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F475W	(2) UGC-9128	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F475W			Pattern 3, Exps 1-1 in UGC-9128-UVIS (03) (3)	831 Secs (2508 Secs) *[==>836.0 Secs (Pattern 1)]* *[==>836.0 Secs (Pattern 2)]* *[==>836.0 Secs (Pattern 3)]*	***[1]***

Orbit Structure



Visit

Proposal 16162, UGC-6817-IR-ACS (04), completed Tue Nov 30 21:01:11 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: (none)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	UGC-6817	RA: 11 50 52.9840 (177.7207667d) Dec: +38 52 37.57 (38.87710d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

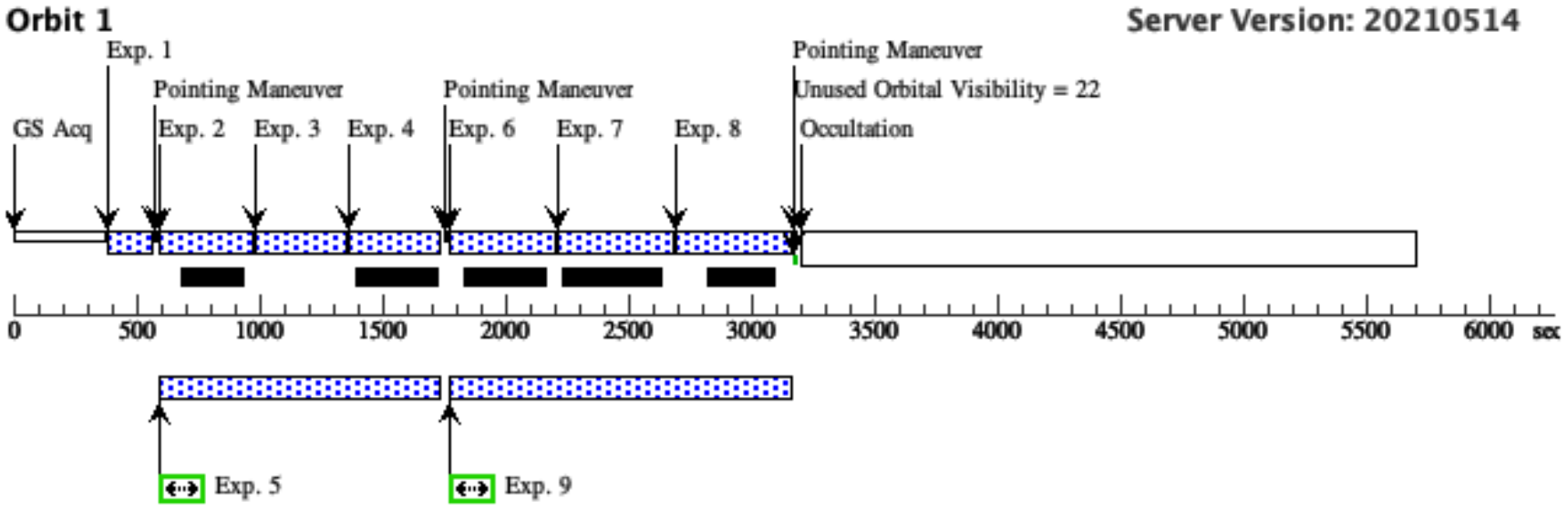
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F139M-dither1	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=8		Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04)	149.231128 Secs (149.231 Secs) *[==>]*	*[1]*
2	F139M-dither2	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 2-5 in Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04)	352.935448 Secs (352.935 Secs) *[==>]*	*[1]*
3	F127M-dither2	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 2-5 in Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04)	352.935448 Secs (352.935 Secs) *[==>]*	*[1]*
4	F153M-dither2	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 2-5 in Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04)	352.935448 Secs (352.935 Secs) *[==>]*	*[1]*
5	F606W-dither2	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 2-5 in Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04)	647 Secs (937 Secs) *[==>937.0 Secs]*	*[1]*
6	F139M-dither3	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 6-9 in Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04)	402.935899 Secs (402.936 Secs) *[==>]*	*[1]*
7	F153M-dither3	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 6-9 in Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
8	F127M-dither3	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 6-9 in Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*

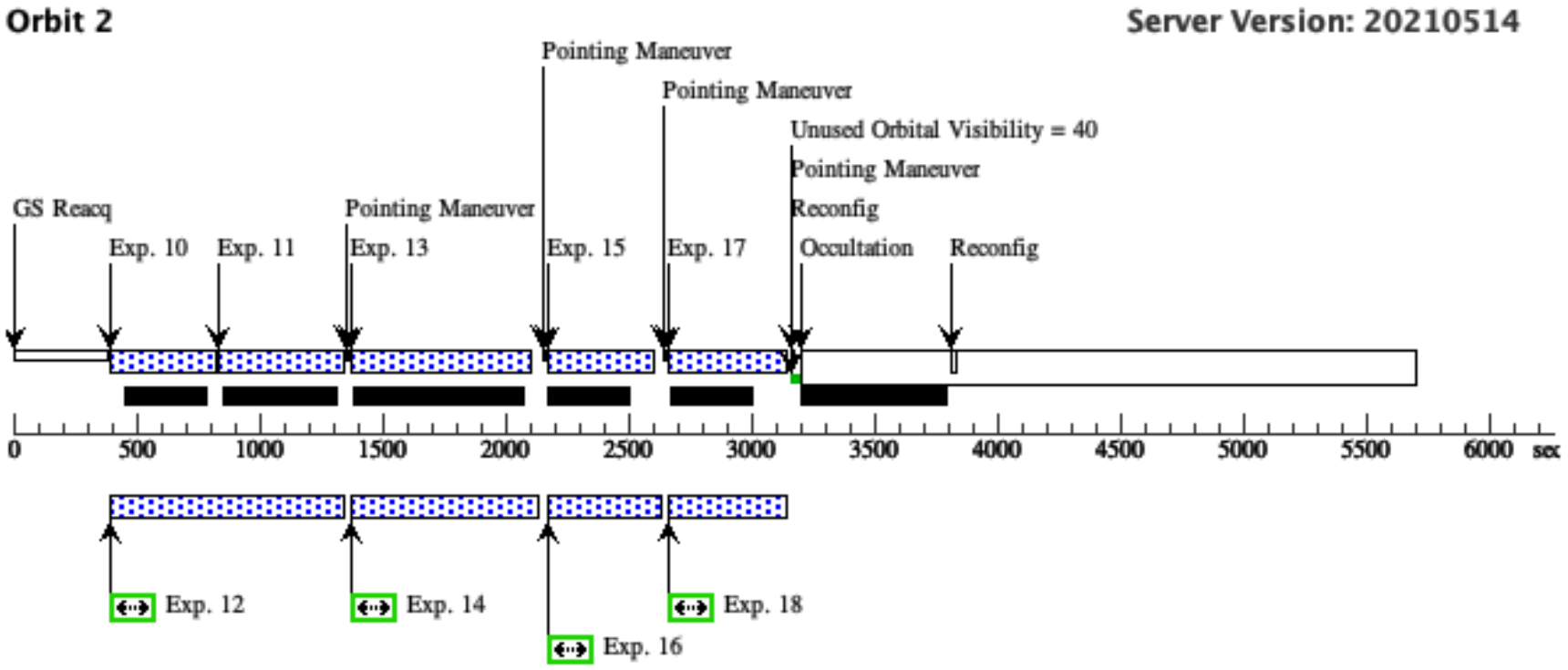
9	F814W-dither3	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 6-9 in Sequence 1-9 Non-Int in UGC-6817-IR-ACS (04)	647 Secs (1214 Secs) *[==>1214.0 Secs]*		***[1]***
10	F110W-dither1	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=STEP100; NSAMP=10		Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 10-12 in Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04)	399.231646 Secs (399.232 Secs) *[==>]*		***[2]***
11	F110W-dither1	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=STEP100; NSAMP=11		Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 10-12 in Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04)	499.231969 Secs (499.232 Secs) *[==>]*		***[2]***
12	F606W-dither1	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 10-12 in Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04)	650 Secs (768 Secs) *[==>768.0 Secs]*		***[2]***
13	F110W-dither2	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=STEP100; NSAMP=13	POS TARG 0.542,0.182	Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 13-14 in Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04)	699.232615 Secs (699.233 Secs) *[==>]*		***[2]***
14	F606W-dither2	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 13-14 in Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04)	640 Secs (640 Secs) *[==>]*		***[2]***
15	F110W-dither3	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=STEP100; NSAMP=10	POS TARG 0.339,0.485	Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 15-16 in Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04)	399.231646 Secs (399.232 Secs) *[==>]*		***[2]***

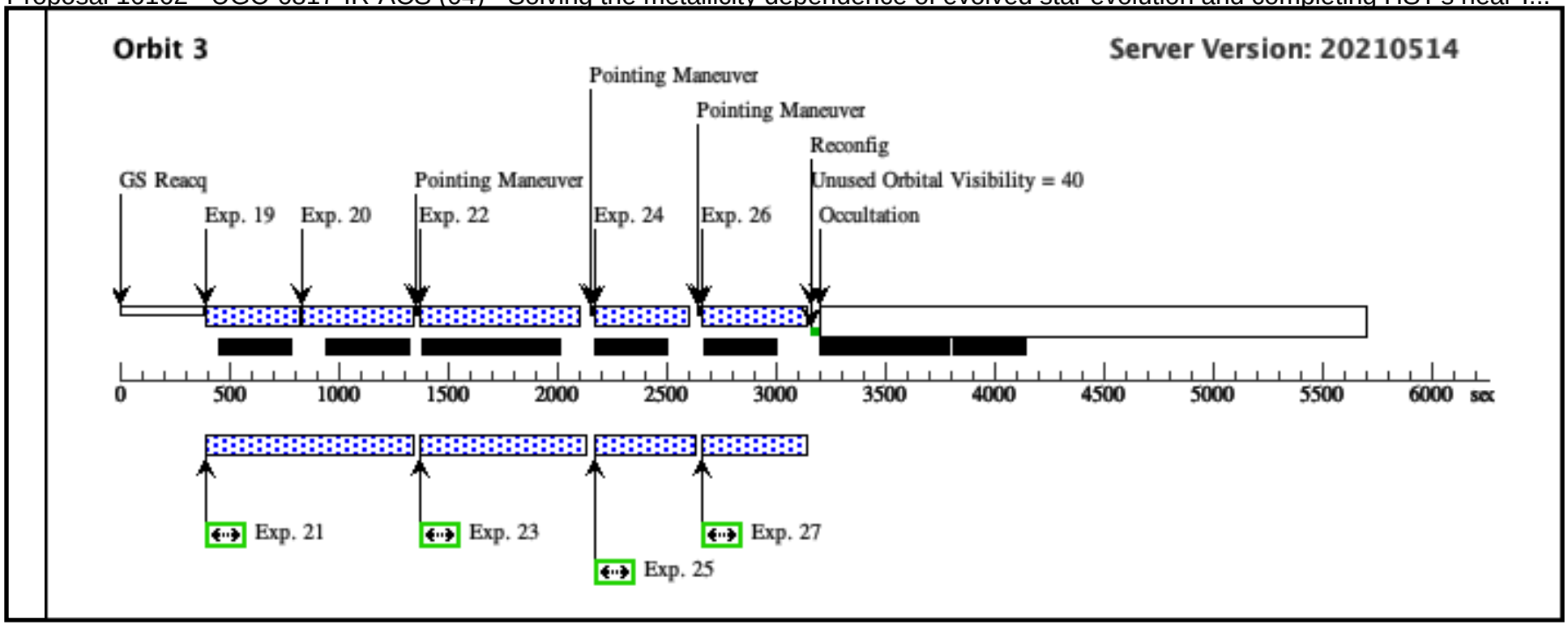
16	F606W-dither3	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 15-16 in Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04)	340 Secs (340 Secs) *[==>]*		***[2]***
17	F110W-dither4	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=STEP50; NSAMP=14	POS TARG -0.203,0.303	Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 17-18 in Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04)	449.233834 Secs (449.234 Secs) *[==>]*		***[2]***
18	F606W-dither4	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 17-18 in Sequence 10-18 Non-Int in UGC-6817-IR-ACS (04)	340 Secs (353 Secs) *[==>353.0 Secs]*		***[2]***
19	F160W-dither1	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=STEP100; NSAMP=10		Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 19-21 in Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04)	399.231646 Secs (399.232 Secs) *[==>]*		***[3]***
20	F160W-dither1	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=STEP100; NSAMP=11		Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 19-21 in Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04)	499.231969 Secs (499.232 Secs) *[==>]*		***[3]***
21	F814W-dither1	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 19-21 in Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04)	650 Secs (768 Secs) *[==>768.0 Secs]*		***[3]***
22	F160W-dither2	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=STEP100; NSAMP=13	POS TARG 0.542,0.182	Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 22-23 in Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04)	699.232615 Secs (699.233 Secs) *[==>]*		***[3]***

	23	F814W-dither2	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 22-23 in Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04)	640 Secs (640 Secs) *[==>]*	***[3]***
	24	F160W-dither3	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=STEP100; NSAMP=10	POS TARG 0.339,0.485	Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 24-25 in Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04)	399.231646 Secs (399.232 Secs) *[==>]*	***[3]***
	25	F814W-dither3	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 24-25 in Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04)	340 Secs (340 Secs) *[==>]*	***[3]***
	26	F160W-dither4	(3) UGC-6817	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=STEP50; NSAMP=14	POS TARG -0.203,0.303	Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 26-27 in Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04)	449.233834 Secs (449.234 Secs) *[==>]*	***[3]***
	27	F814W-dither4	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04) Prime + Parallel Group 26-27 in Sequence 19-27 Non-Int in UGC-6817-IR-ACS (04)	340 Secs (353 Secs) *[==>353.0 Secs]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20210514
Pointing Maneuver
Pointing Maneuver
Reconfig
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 40
Exp. 19
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
sec
Exp. 21
Exp. 23
Exp. 27
Exp. 25

Visit

Proposal 16162, UGC-6817-UVIS (05), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

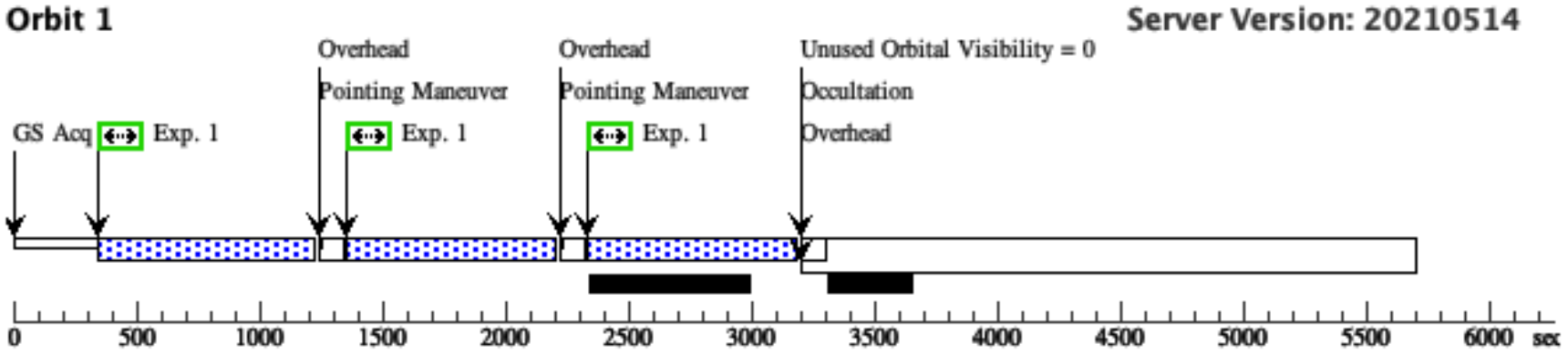
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	UGC-6817	RA: 11 50 52.9840 (177.7207667d) Dec: +38 52 37.57 (38.87710d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F475W	(3) UGC-6817	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F475W			Pattern 3, Exps 1-1 in UGC-6817-UVIS (05) (3)	841 Secs (2553 Secs) *[==>851.0 Secs (Pattern 1)]* *[==>851.0 Secs (Pattern 2)]* *[==>851.0 Secs (Pattern 3)]*	***[1]***

Orbit Structure



Visit

Proposal 16162, UGC-8508-IR (06), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

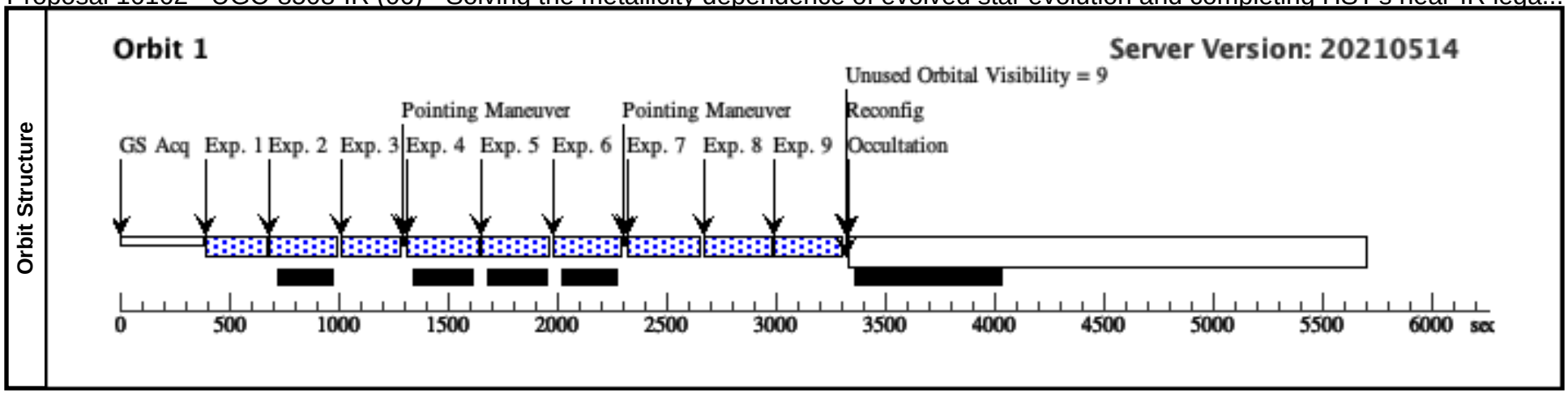
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	UGC-8508	RA: 13 30 47.9935 (202.6999729d) Dec: +54 54 31.50 (54.90875d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(4) UGC-8508	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=6	GS ACQ SCENARIO BASE1BE	Sequence 1-9 Non-Int in UGC-8508-IR (06)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
2	F139M-dither1	(4) UGC-8508	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP100; NSAMP=9		Sequence 1-9 Non-Int in UGC-8508-IR (06)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
3	F153M-dither1	(4) UGC-8508	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=6		Sequence 1-9 Non-Int in UGC-8508-IR (06)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
4	F139M-dither2	(4) UGC-8508	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8508-IR (06)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
5	F153M-dither2	(4) UGC-8508	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8508-IR (06)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
6	F127M-dither2	(4) UGC-8508	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8508-IR (06)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
7	F153M-dither3	(4) UGC-8508	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8508-IR (06)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
8	F127M-dither3	(4) UGC-8508	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8508-IR (06)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
9	F139M-dither3	(4) UGC-8508	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8508-IR (06)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20210514
Unused Orbital Visibility = 9
Pointing Maneuver
Pointing Maneuver
Reconfig
GS Acq
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Exp. 7
Exp. 8
Exp. 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
sec

Visit

Proposal 16162, UGC-7577-IR (07), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(7)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(11), (13)

Fixed Targets

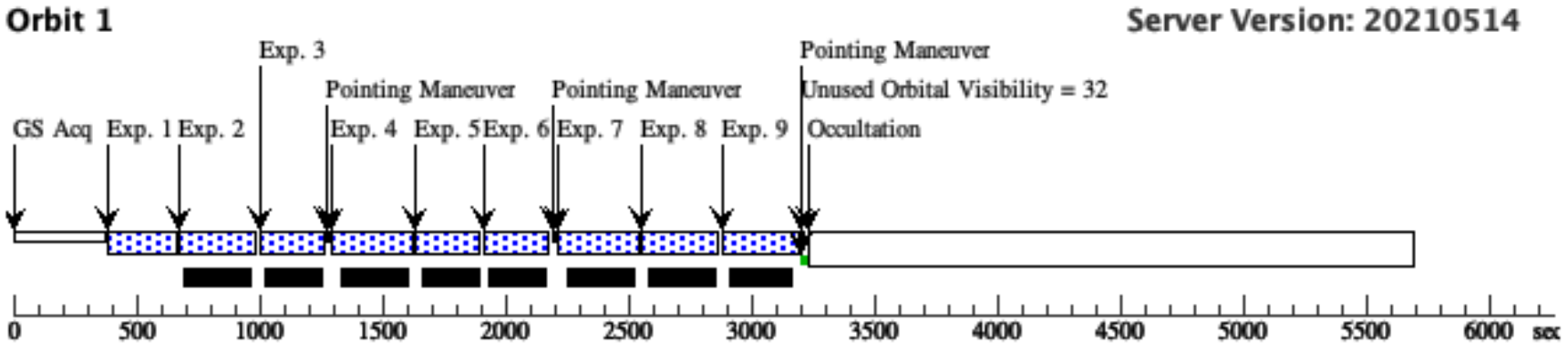
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	UGC-7577	RA: 12 27 40.9936 (186.9208067d) Dec: +43 29 32.31 (43.49231d) Equinox: J2000		V=23	Reference Frame: SIMBAD

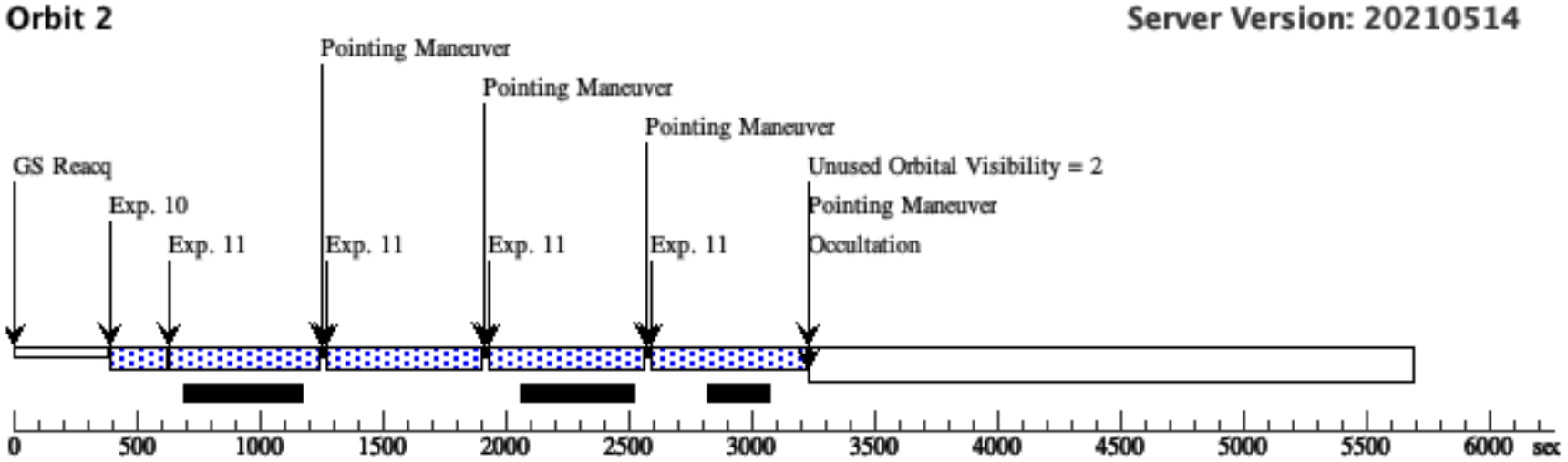
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

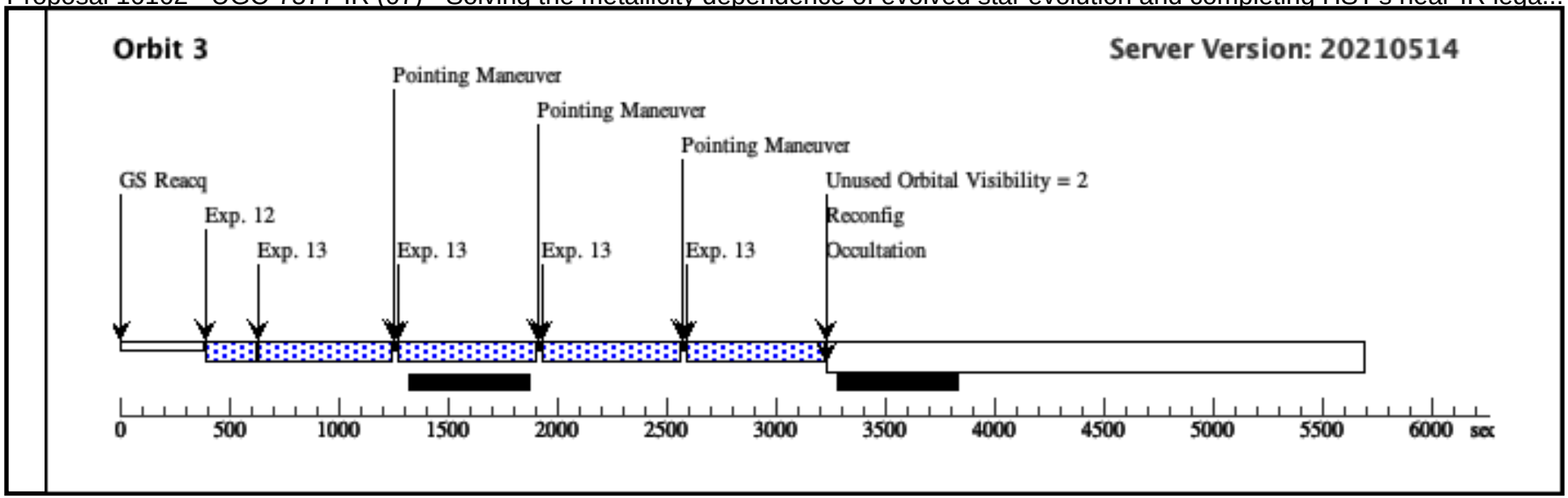
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGC-7577-IR (07)	249.23203 Secs (249.232 Secs) *[==>]*	 ***[1]***
2	F139M-dither1	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=11		Sequence 1-9 Non-Int in UGC-7577-IR (07)	299.232481 Secs (299.232 Secs) *[==>]*	 ***[1]***
3	F153M-dither1	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGC-7577-IR (07)	249.23203 Secs (249.232 Secs) *[==>]*	 ***[1]***
4	F139M-dither2	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-7577-IR (07)	299.232481 Secs (299.232 Secs) *[==>]*	 ***[1]***
5	F153M-dither2	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-7577-IR (07)	249.23203 Secs (249.232 Secs) *[==>]*	 ***[1]***
6	F127M-dither2	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-7577-IR (07)	249.23203 Secs (249.232 Secs) *[==>]*	 ***[1]***
7	F153M-dither3	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-7577-IR (07)	299.232481 Secs (299.232 Secs) *[==>]*	 ***[1]***
8	F127M-dither3	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-7577-IR (07)	299.232481 Secs (299.232 Secs) *[==>]*	 ***[1]***
9	F139M-dither3	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-7577-IR (07)	299.232481 Secs (299.232 Secs) *[==>]*	 ***[1]***
10	F110W	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	NSAMP=9; SAMP-SEQ=STEP50		Sequence 10-11 Non-Int in UGC-7577-IR (07)	199.231579 Secs (199.232 Secs) *[==>]*	 ***[2]***
11	F110W	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 10-11 Non-Int in UGC-7577-IR (07) Pattern 7, Exps 11-11 in Sequence 10-11 Non-Int in UGC-7577-IR (07) (7)	599.231134 Secs (2396.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	 ***[2]***
12	F160W	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP50		Sequence 12-13 Non-Int in UGC-7577-IR (07)	199.231579 Secs (199.232 Secs) *[==>]*	 ***[3]***
13	F160W	(5) UGC-7577	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 12-13 Non-Int in UGC-7577-IR (07) Pattern 7, Exps 13-13 in Sequence 12-13 Non-Int in UGC-7577-IR (07) (7)	599.231134 Secs (2396.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	 ***[3]***

Orbit Structure






Orbit 3
Server Version: 20210514
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Reacq
Exp. 12
Exp. 13
Exp. 13
Exp. 13
Exp. 13
Unused Orbital Visibility = 2
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
sec

Visit

Proposal 16162, UGC-7577-UVIS (08), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

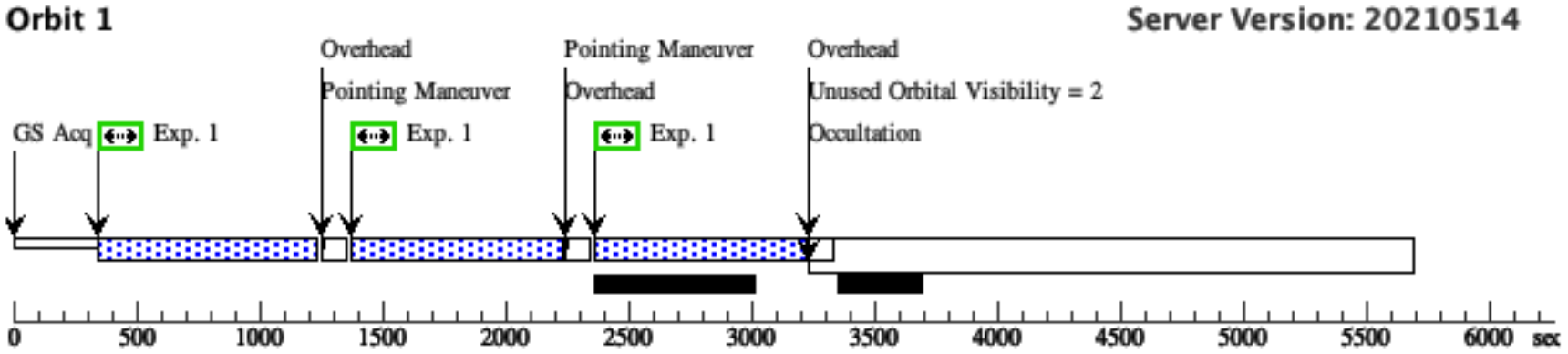
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	UGC-7577	RA: 12 27 40.9936 (186.9208067d) Dec: +43 29 32.31 (43.49231d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F475W	(5) UGC-7577	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F475W			Pattern 3, Exps 1-1 in UGC-7577-UVIS (08) (3)	841 Secs (2589 Secs) *[==>863.0 Secs (Pattern 1)]* *[==>863.0 Secs (Pattern 2)]* *[==>863.0 Secs (Pattern 3)]*	*[1]*

Orbit Structure



Visit

Proposal 16162, UGC-9240-IR (09), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(7)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(2), (4)

Fixed Targets

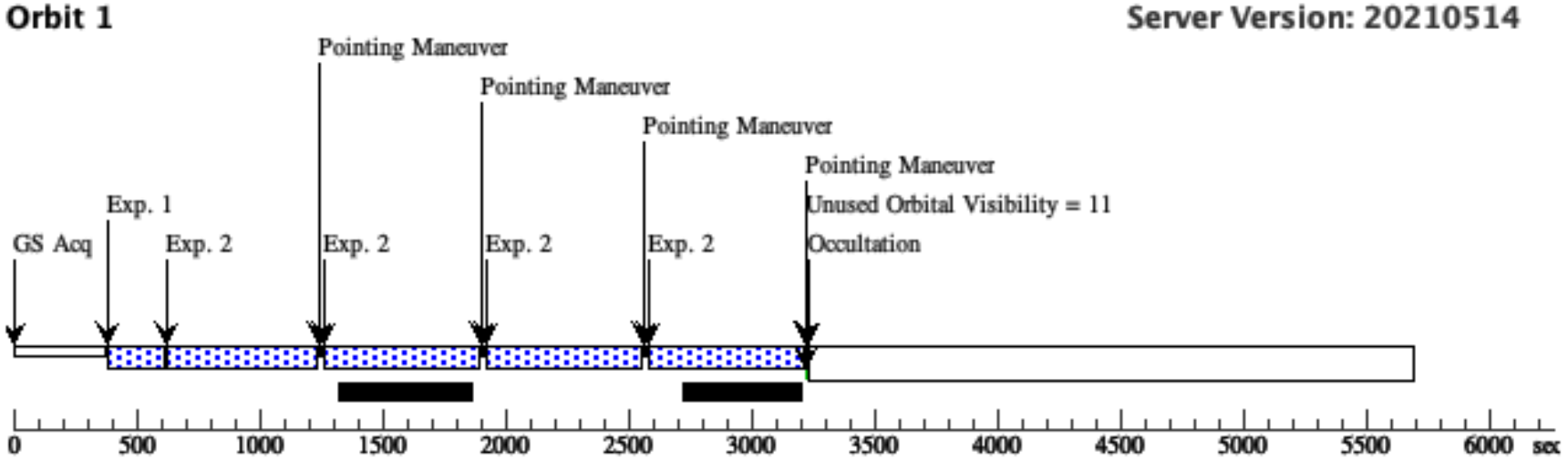
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	UGC-9240	RA: 14 24 44.7759 (216.1865662d) Dec: +44 31 10.80 (44.51967d) Equinox: J2000		V=23	Reference Frame: SIMBAD

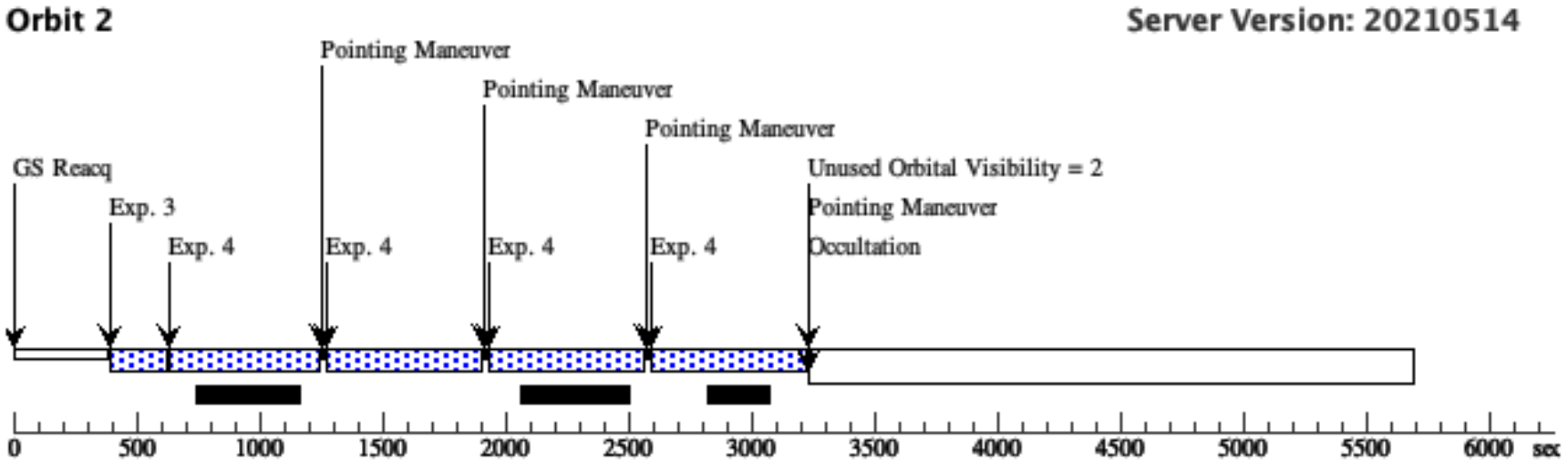
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

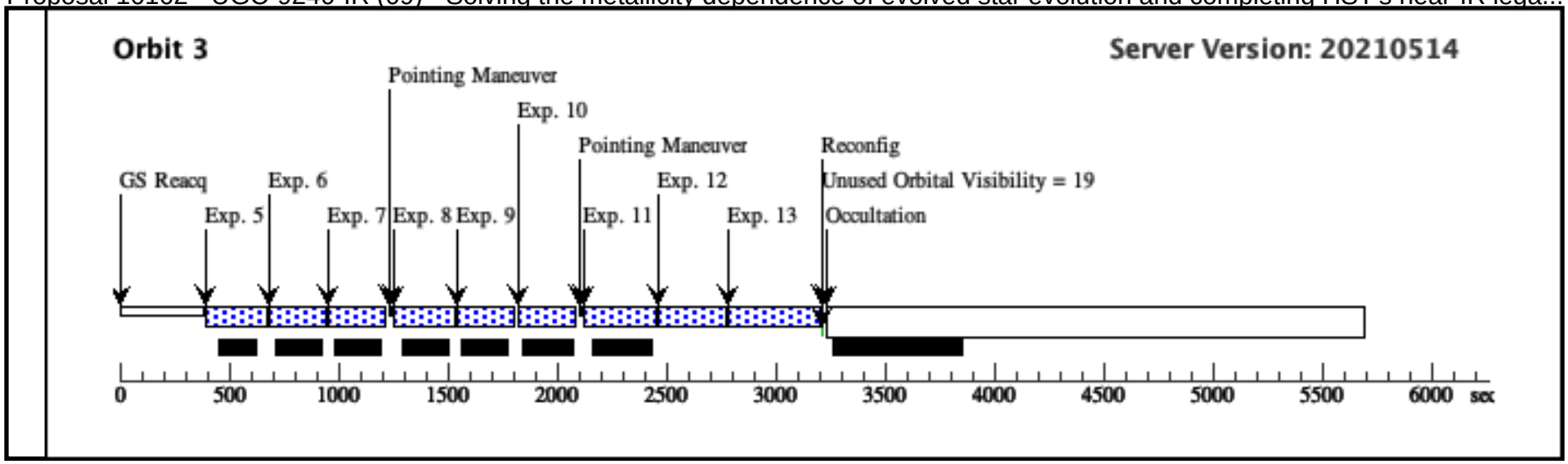
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F110W	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	NSAMP=9; SAMP-SEQ=STEP50		Sequence 1-2 Non-Int in UGC-9240-IR (09)	199.231579 Secs (199.232 Secs) *[==>]*	***[1]***
2	F110W	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-2 Non-Int in UGC-9240-IR (09) Pattern 7, Exps 2-2 in Sequence 1-2 Non-Int in UGC-9240-IR (09) (7)	599.231134 Secs (2396.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
3	F160W	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP50		Sequence 3-4 Non-Int in UGC-9240-IR (09)	199.231579 Secs (199.232 Secs) *[==>]*	***[2]***
4	F160W	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 3-4 Non-Int in UGC-9240-IR (09) Pattern 7, Exps 4-4 in Sequence 3-4 Non-Int in UGC-9240-IR (09) (7)	599.231134 Secs (2396.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[2]***
5	F127M-dither1	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 5-13 Non-Int in UGC-9240-IR (09)	249.23203 Secs (249.232 Secs) *[==>]*	***[3]***
6	F139M-dither1	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 5-13 Non-Int in UGC-9240-IR (09)	249.23203 Secs (249.232 Secs) *[==>]*	***[3]***
7	F153M-dither1	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 5-13 Non-Int in UGC-9240-IR (09)	249.23203 Secs (249.232 Secs) *[==>]*	***[3]***
8	F139M-dither2	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 5-13 Non-Int in UGC-9240-IR (09)	249.23203 Secs (249.232 Secs) *[==>]*	***[3]***
9	F153M-dither2	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 5-13 Non-Int in UGC-9240-IR (09)	249.23203 Secs (249.232 Secs) *[==>]*	***[3]***
10	F127M-dither2	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 5-13 Non-Int in UGC-9240-IR (09)	249.23203 Secs (249.232 Secs) *[==>]*	***[3]***
11	F153M-dither3	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 5-13 Non-Int in UGC-9240-IR (09)	299.232481 Secs (299.232 Secs) *[==>]*	***[3]***
12	F127M-dither3	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 5-13 Non-Int in UGC-9240-IR (09)	299.232481 Secs (299.232 Secs) *[==>]*	***[3]***
13	F139M-dither3	(6) UGC-9240	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.902,0.806	Sequence 5-13 Non-Int in UGC-9240-IR (09)	402.935899 Secs (402.936 Secs) *[==>]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20210514
Pointing Maneuver
Exp. 10
Pointing Maneuver
Reconfig
GS Reacq
Exp. 6
Exp. 12
Unused Orbital Visibility = 19
Exp. 5
Exp. 7
Exp. 8
Exp. 9
Exp. 11
Exp. 13
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
sec

Visit

Proposal 16162, NGC-4163-IR (10), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Fixed Targets

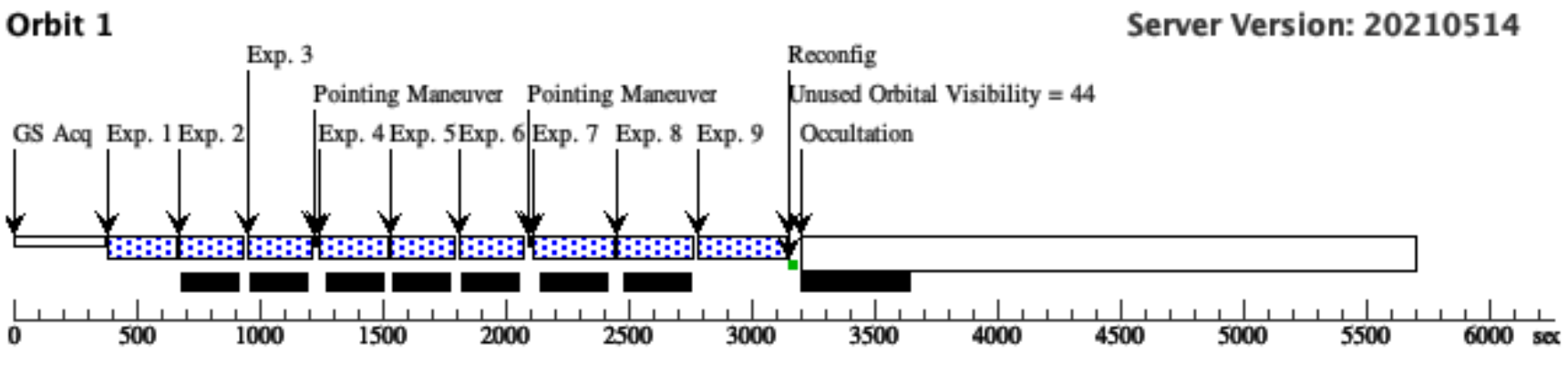
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	NGC-4163	RA: 12 12 11.9439 (183.0497663d) Dec: +36 09 47.09 (36.16308d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(7) NGC-4163	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in NGC-4163-IR (10)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
2	F139M-dither1	(7) NGC-4163	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in NGC-4163-IR (10)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
3	F153M-dither1	(7) NGC-4163	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in NGC-4163-IR (10)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
4	F139M-dither2	(7) NGC-4163	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in NGC-4163-IR (10)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
5	F153M-dither2	(7) NGC-4163	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in NGC-4163-IR (10)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
6	F127M-dither2	(7) NGC-4163	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in NGC-4163-IR (10)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
7	F153M-dither3	(7) NGC-4163	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in NGC-4163-IR (10)	299.232481 Secs (299.232 Secs) *[==>]*	*[1]*
8	F127M-dither3	(7) NGC-4163	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in NGC-4163-IR (10)	299.232481 Secs (299.232 Secs) *[==>]*	*[1]*
9	F139M-dither3	(7) NGC-4163	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=12	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in NGC-4163-IR (10)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 16162, NGC-4163-UVIS (11), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

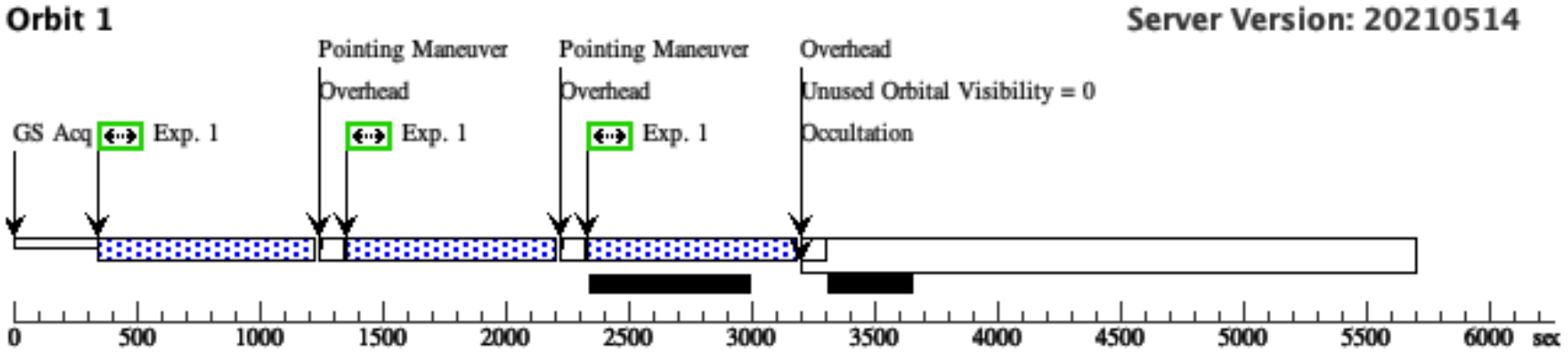
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	NGC-4163	RA: 12 12 11.9439 (183.0497663d) Dec: +36 09 47.09 (36.16308d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F475W	(7) NGC-4163	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F475W			Pattern 3, Exps 1-1 in NGC-4163-UVIS (11) (3)	841 Secs (2553 Secs) *[==>851.0 Secs (Pattern 1)]* *[==>851.0 Secs (Pattern 2)]* *[==>851.0 Secs (Pattern 3)]*	***[1]***

Orbit Structure



Visit

Proposal 16162, UGC-8651-IR (12), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(7)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(11), (13)

Fixed Targets

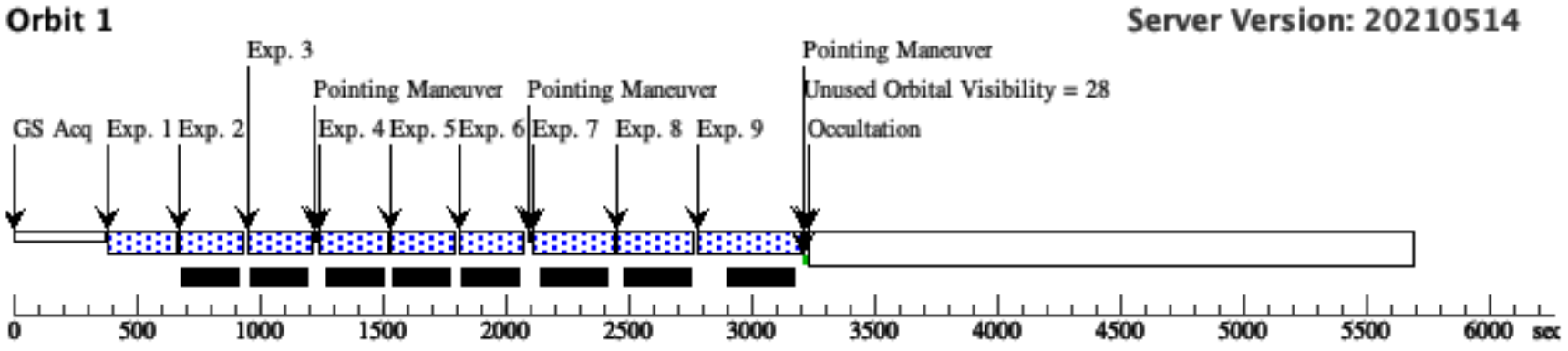
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	UGC-8651	RA: 13 39 51.4750 (204.9644792d) Dec: +40 44 23.28 (40.73980d) Equinox: J2000		V=23	Reference Frame: SIMBAD

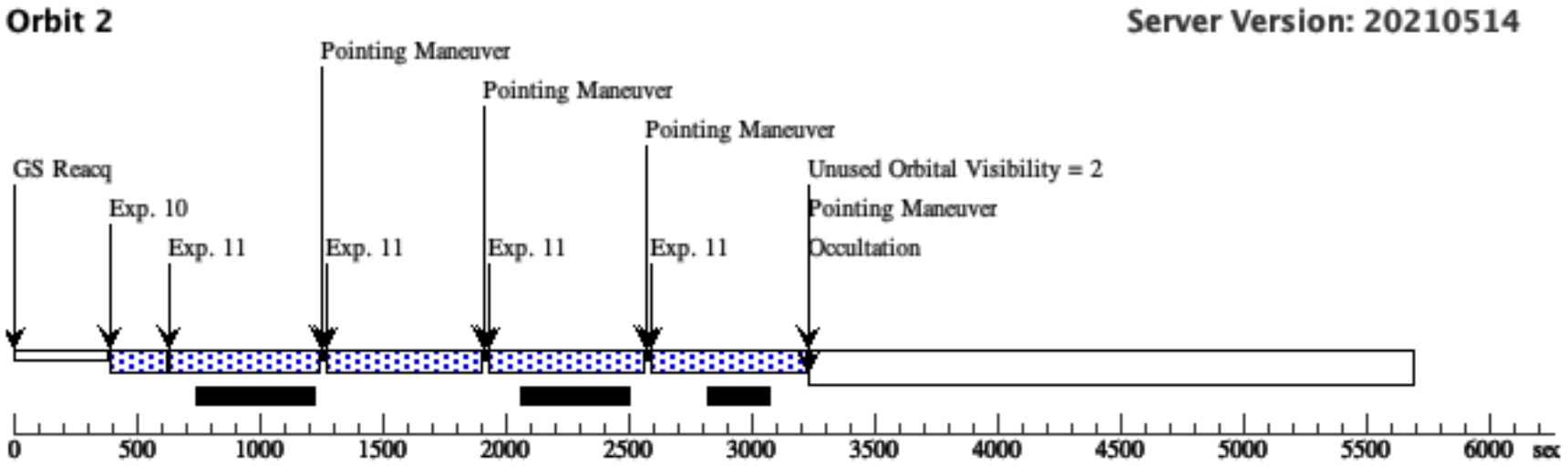
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

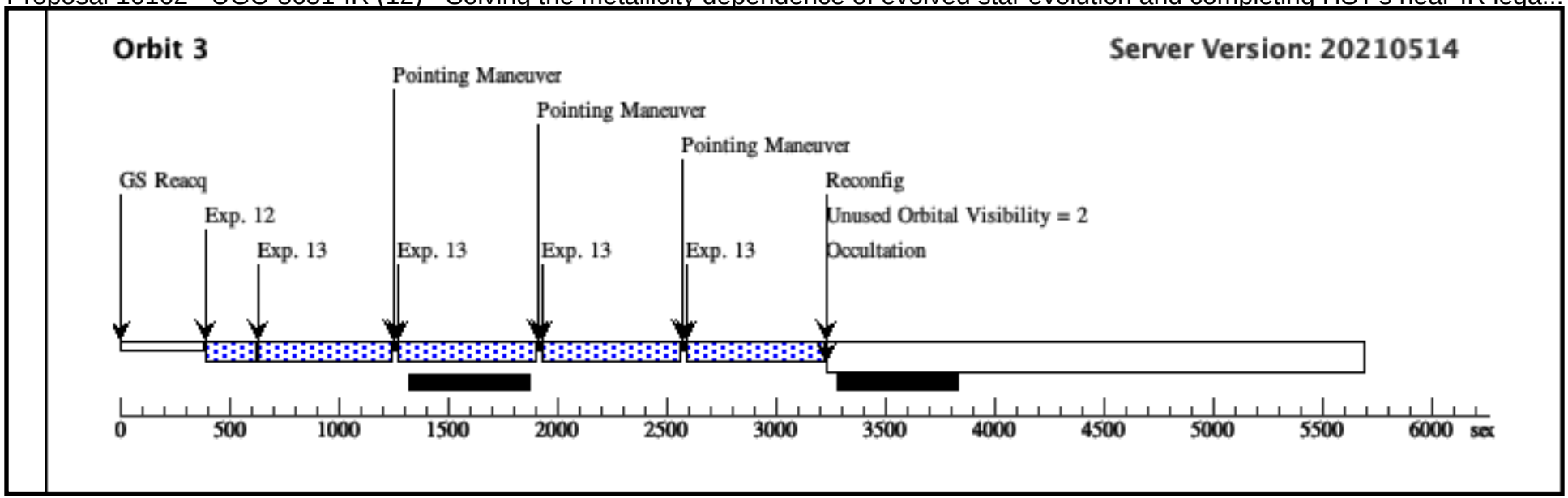
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGC-8651-IR (12)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
2	F139M-dither1	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGC-8651-IR (12)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
3	F153M-dither1	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGC-8651-IR (12)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
4	F139M-dither2	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8651-IR (12)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
5	F153M-dither2	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8651-IR (12)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
6	F127M-dither2	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8651-IR (12)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
7	F153M-dither3	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8651-IR (12)	299.232481 Secs (299.232 Secs) *[==>]*	***[1]***
8	F127M-dither3	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8651-IR (12)	299.232481 Secs (299.232 Secs) *[==>]*	***[1]***
9	F139M-dither3	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8651-IR (12)	402.935899 Secs (402.936 Secs) *[==>]*	***[1]***
10	F110W	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	NSAMP=9; SAMP-SEQ=STEP50		Sequence 10-11 Non-Int in UGC-8651-IR (12)	199.231579 Secs (199.232 Secs) *[==>]*	***[2]***
11	F110W	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=STEP200; NSAMP=10		Sequence 10-11 Non-Int in UGC-8651-IR (12) Pattern 7, Exps 11-11 in Sequence 10-11 Non-Int in UGC-8651-IR (12) (7)	599.231134 Secs (2396.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[2]***
12	F160W	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP50		Sequence 12-13 Non-Int in UGC-8651-IR (12)	199.231579 Secs (199.232 Secs) *[==>]*	***[3]***
13	F160W	(8) UGC-8651	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=STEP200; NSAMP=10		Sequence 12-13 Non-Int in UGC-8651-IR (12) Pattern 7, Exps 13-13 in Sequence 12-13 Non-Int in UGC-8651-IR (12) (7)	599.231134 Secs (2396.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20210514
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Reacq
Exp. 12
Exp. 13
Exp. 13
Exp. 13
Exp. 13
Reconfig
Unused Orbital Visibility = 2
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
sec

Visit

Proposal 16162, UGC-8651-UVIS (13), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

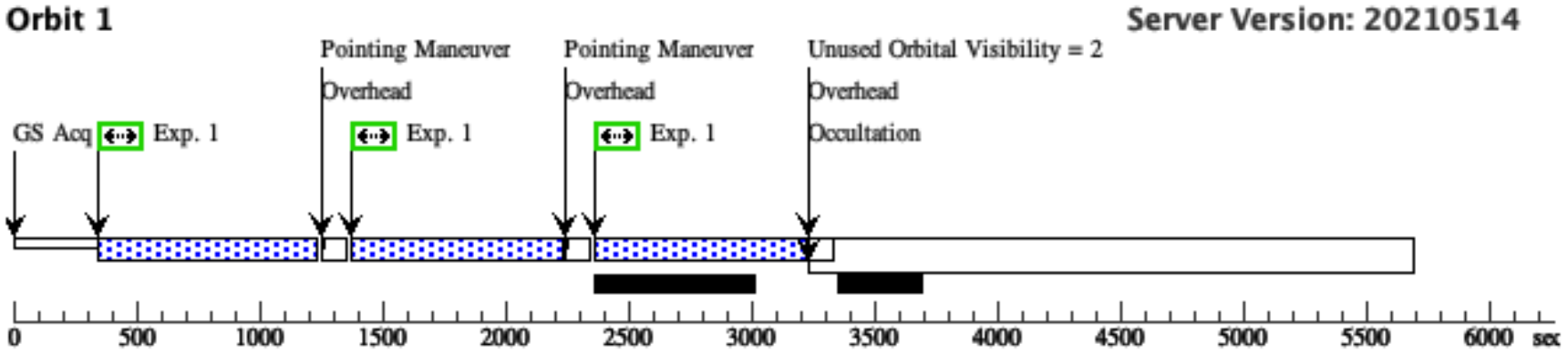
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	UGC-8651	RA: 13 39 51.4750 (204.9644792d) Dec: +40 44 23.28 (40.73980d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F475W	(8) UGC-8651	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F475W			Pattern 3, Exps 1-1 in UGC-8651-UVIS (13) (3)	841 Secs (2589 Secs) *[==>863.0 Secs (Pattern 1)]* *[==>863.0 Secs (Pattern 2)]* *[==>863.0 Secs (Pattern 3)]*	***[1]***

Orbit Structure



Visit

Proposal 16162, UGCA-292-IR (14), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Fixed Targets

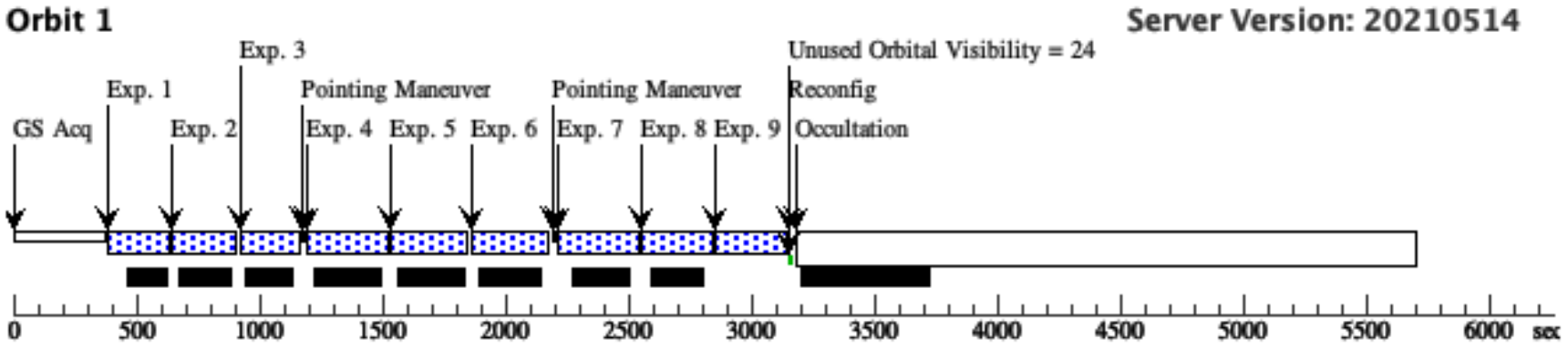
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	UGCA-292	RA: 12 38 43.0614 (189.6794225d) Dec: +32 45 31.99 (32.75889d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(9) UGCA-292	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP25; NSAMP=13		Sequence 1-9 Non-Int in UGCA-292-IR (14)	224.233831 Secs (224.234 Secs) *[==>]*	*[1]*
2	F139M-dither1	(9) UGCA-292	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in UGCA-292-IR (14)	249.23203 Secs (249.232 Secs) *[==>]*	*[1]*
3	F153M-dither1	(9) UGCA-292	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP25; NSAMP=13		Sequence 1-9 Non-Int in UGCA-292-IR (14)	224.233831 Secs (224.234 Secs) *[==>]*	*[1]*
4	F139M-dither2	(9) UGCA-292	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGCA-292-IR (14)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
5	F153M-dither2	(9) UGCA-292	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGCA-292-IR (14)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
6	F127M-dither2	(9) UGCA-292	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGCA-292-IR (14)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
7	F153M-dither3	(9) UGCA-292	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGCA-292-IR (14)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
8	F127M-dither3	(9) UGCA-292	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP25; NSAMP=15	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGCA-292-IR (14)	274.234861 Secs (274.235 Secs) *[==>]*	*[1]*
9	F139M-dither3	(9) UGCA-292	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP25; NSAMP=15	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGCA-292-IR (14)	274.234861 Secs (274.235 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 16162, NGC-3741-IR (15), failed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Fixed Targets

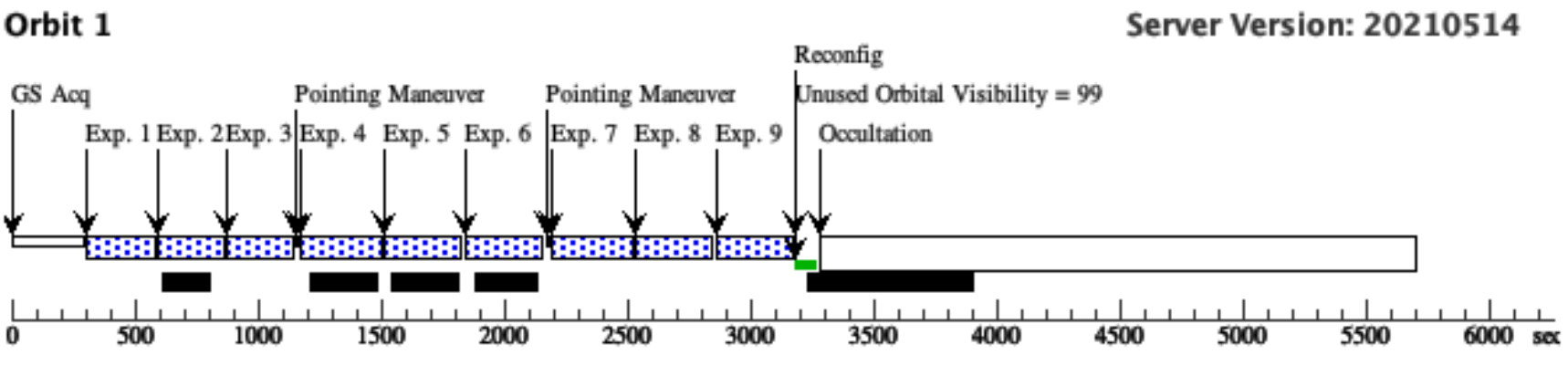
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	NGC-3741	RA: 11 36 8.9447 (174.0372696d) Dec: +45 16 49.61 (45.28045d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=6	GS ACQ SCENARIO ONEB1BE	Sequence 1-9 Non-Int in NGC-3741-IR (15)	252.934546 Secs (252.935 Secs) *[==>]*	***[1]***
2	F139M-dither1	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=6		Sequence 1-9 Non-Int in NGC-3741-IR (15)	252.934546 Secs (252.935 Secs) *[==>]*	***[1]***
3	F153M-dither1	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=6		Sequence 1-9 Non-Int in NGC-3741-IR (15)	252.934546 Secs (252.935 Secs) *[==>]*	***[1]***
4	F139M-dither2	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in NGC-3741-IR (15)	299.231323 Secs (299.231 Secs) *[==>]*	***[1]***
5	F153M-dither2	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in NGC-3741-IR (15)	299.231323 Secs (299.231 Secs) *[==>]*	***[1]***
6	F127M-dither2	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in NGC-3741-IR (15)	299.231323 Secs (299.231 Secs) *[==>]*	***[1]***
7	F153M-dither3	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in NGC-3741-IR (15)	299.231323 Secs (299.231 Secs) *[==>]*	***[1]***
8	F127M-dither3	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in NGC-3741-IR (15)	299.231323 Secs (299.231 Secs) *[==>]*	***[1]***
9	F139M-dither3	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in NGC-3741-IR (15)	299.231323 Secs (299.231 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16162, NGC-3741-IR_HOPR (Z5) Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Fixed Targets

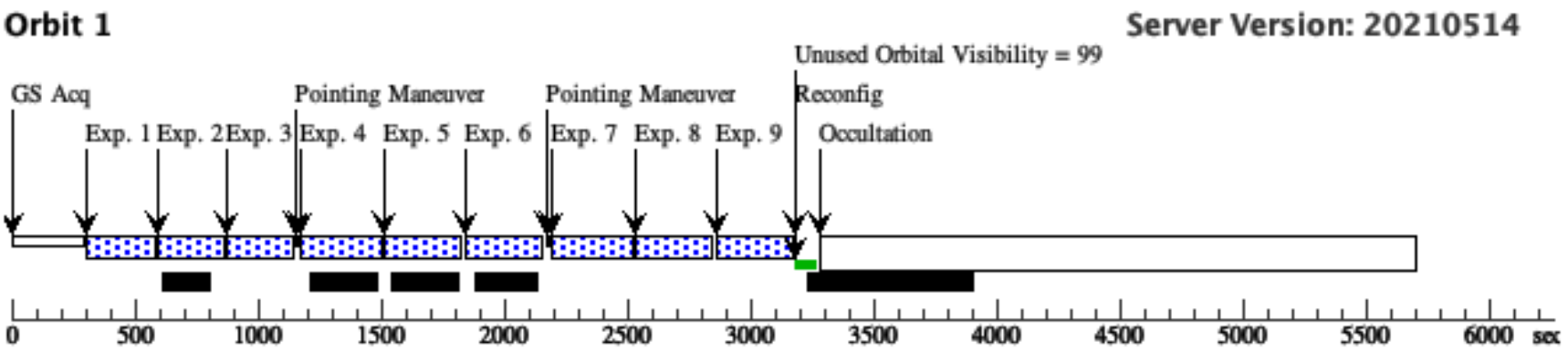
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	NGC-3741	RA: 11 36 8.9447 (174.0372696d) Dec: +45 16 49.61 (45.28045d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=6	GS ACQ SCENARIO ONEB1BE	Sequence 1-9 Non-Int in NGC-3741-IR_HOPR (Z5)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
2	F139M-dither1	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=6		Sequence 1-9 Non-Int in NGC-3741-IR_HOPR (Z5)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
3	F153M-dither1	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=6		Sequence 1-9 Non-Int in NGC-3741-IR_HOPR (Z5)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
4	F139M-dither2	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in NGC-3741-IR_HOPR (Z5)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
5	F153M-dither2	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in NGC-3741-IR_HOPR (Z5)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
6	F127M-dither2	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in NGC-3741-IR_HOPR (Z5)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
7	F153M-dither3	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in NGC-3741-IR_HOPR (Z5)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
8	F127M-dither3	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in NGC-3741-IR_HOPR (Z5)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
9	F139M-dither3	(10) NGC-3741	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in NGC-3741-IR_HOPR (Z5)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 16162, UGC-8833-IR (16), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(7)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(11), (13)

Fixed Targets

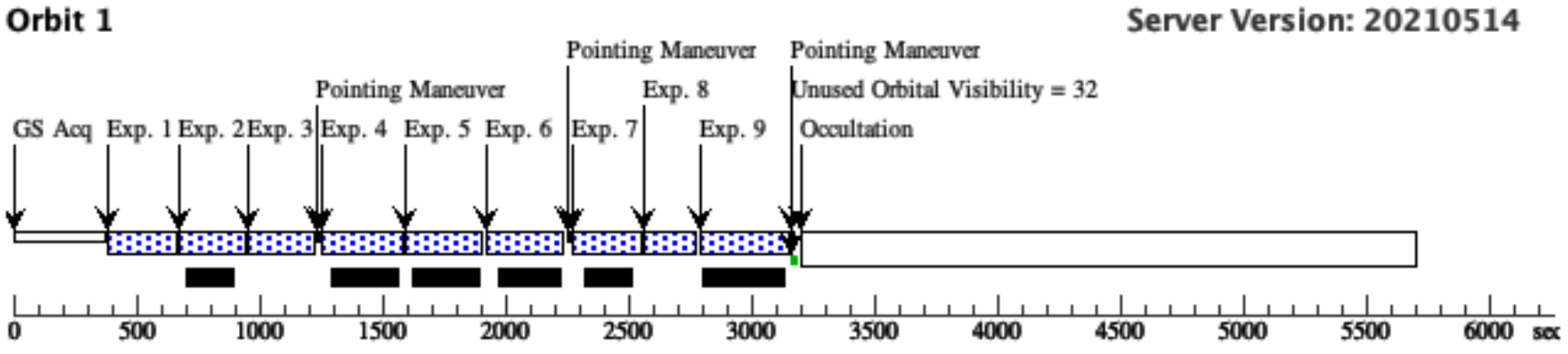
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	UGC-8833	RA: 13 54 47.7195 (208.6988313d) Dec: +35 50 14.53 (35.83737d) Equinox: J2000		V=23	Reference Frame: SIMBAD

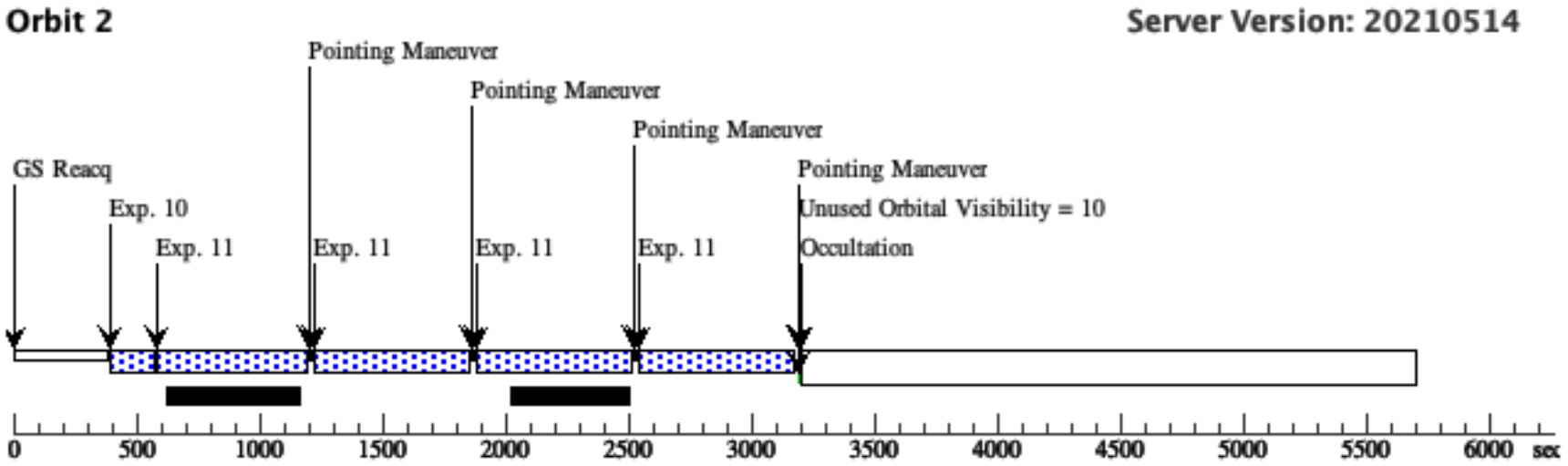
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

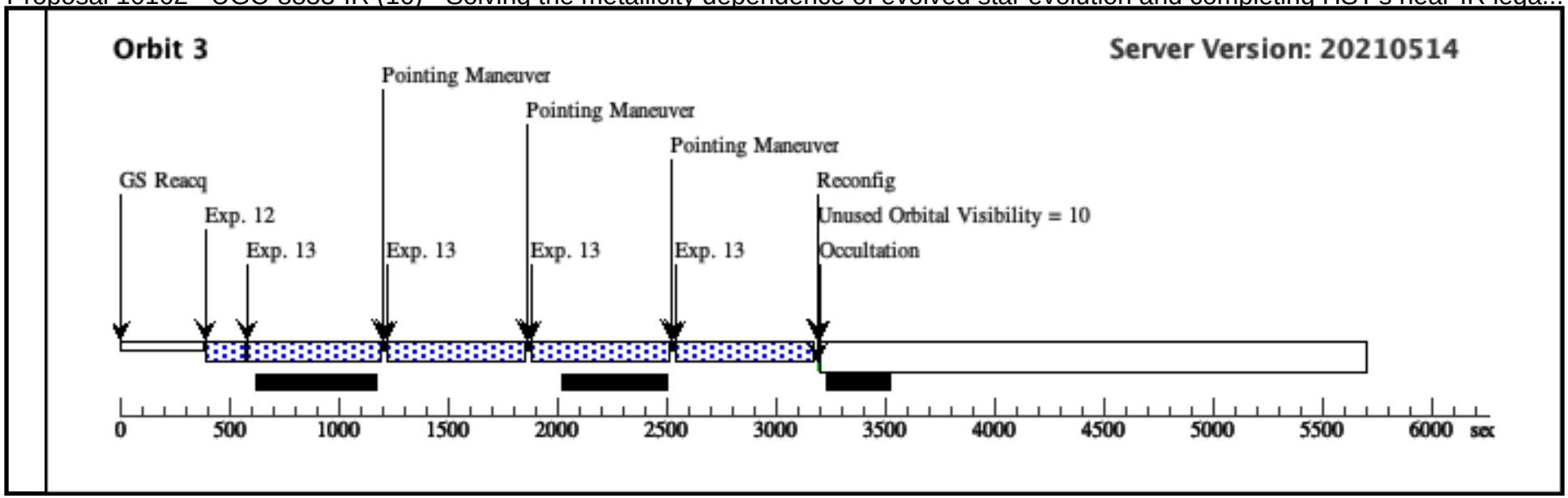
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=6		Sequence 1-9 Non-Int in UGC-8833-IR (16)	252.934546 Secs (252.935 Secs) *[==>]*	***[1]***
2	F139M-dither1	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=6		Sequence 1-9 Non-Int in UGC-8833-IR (16)	252.934546 Secs (252.935 Secs) *[==>]*	***[1]***
3	F153M-dither1	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=6		Sequence 1-9 Non-Int in UGC-8833-IR (16)	252.934546 Secs (252.935 Secs) *[==>]*	***[1]***
4	F139M-dither2	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8833-IR (16)	299.231323 Secs (299.231 Secs) *[==>]*	***[1]***
5	F153M-dither2	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8833-IR (16)	299.231323 Secs (299.231 Secs) *[==>]*	***[1]***
6	F127M-dither2	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in UGC-8833-IR (16)	299.231323 Secs (299.231 Secs) *[==>]*	***[1]***
7	F153M-dither3	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8833-IR (16)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
8	F127M-dither3	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8833-IR (16)	199.231579 Secs (199.232 Secs) *[==>]*	***[1]***
9	F139M-dither3	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=12	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in UGC-8833-IR (16)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
10	F110W	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	NSAMP=7; SAMP-SEQ=SPARS25		Sequence 10-11 Non-Int in UGC-8833-IR (16)	152.935381 Secs (152.935 Secs) *[==>]*	***[2]***
11	F110W	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 10-11 Non-Int in UGC-8833-IR (16) Pattern 7, Exps 11-11 in Sequence 10-11 Non-Int in UGC-8833-IR (16) (7)	599.231134 Secs (2396.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[2]***
12	F160W	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=7; SAMP-SEQ=SPARS25		Sequence 12-13 Non-Int in UGC-8833-IR (16)	152.935381 Secs (152.935 Secs) *[==>]*	***[3]***
13	F160W	(11) UGC-8833	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 12-13 Non-Int in UGC-8833-IR (16) Pattern 7, Exps 13-13 in Sequence 12-13 Non-Int in UGC-8833-IR (16) (7)	599.231134 Secs (2396.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[3]***

Orbit Structure



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Pointing Maneuver
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GS Reacq
Exp. 12
Exp. 13
Exp. 13
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Reconfig
Unused Orbital Visibility = 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
sec

Visit

Proposal 16162, UGC-8833-UVIS (17), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

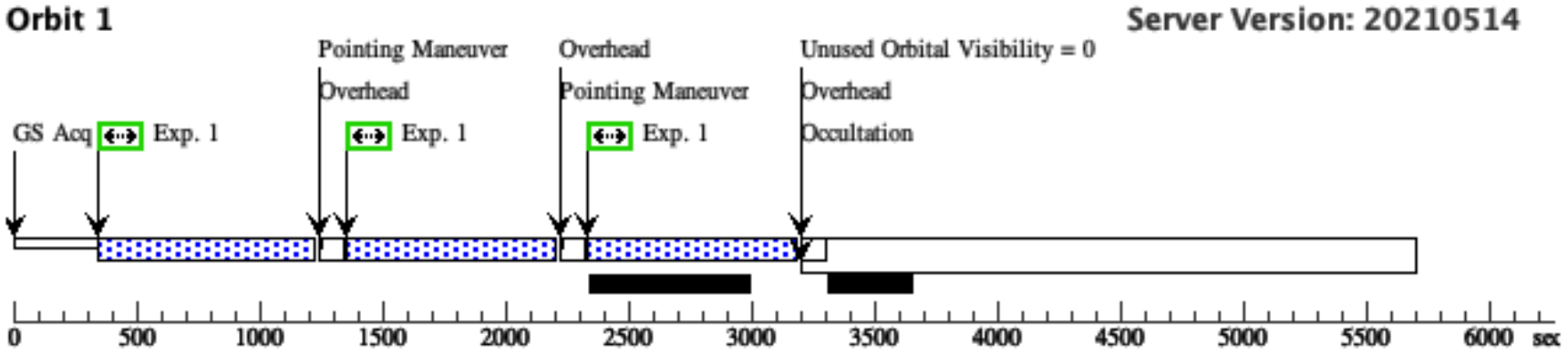
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	UGC-8833	RA: 13 54 47.7195 (208.6988313d) Dec: +35 50 14.53 (35.83737d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F475W	(11) UGC-8833	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F475W			Pattern 3, Exps 1-1 in UGC-8833-UVIS (17) (3)	841 Secs (2553 Secs) *[==>851.0 Secs (Pattern 1)]* *[==>851.0 Secs (Pattern 2)]* *[==>851.0 Secs (Pattern 3)]*	 ***[1]***

Orbit Structure



Visit

Proposal 16162, IC-1613-IR-ACS (18), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: (none)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	IC-1613	RA: 01 04 47.7063 (16.1987763d) Dec: +02 07 4.00 (2.11778d) Equinox: J2000		V=23	Reference Frame: SIMBAD

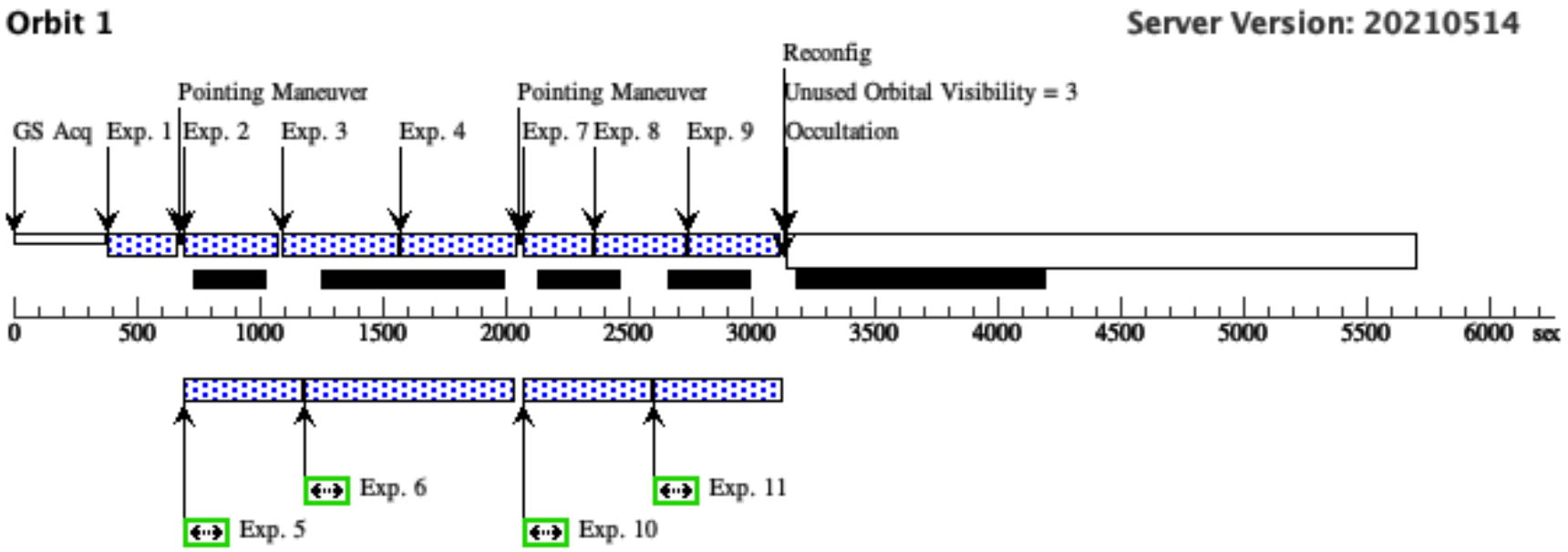
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[AMORPHOUS IRREGULAR, STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(15) IC-1613	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS25; NSAMP=11			252.937441 Secs (252.937 Secs) *[==>]*	*[1]*
2	F127M-dither2	(15) IC-1613	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0.451,0.403	Sequence 2-11 Non-Int in IC-1613-IR-ACS (18) Prime + Parallel Group 2-6 in Sequence 2-11 Non-Int in IC-1613-IR-ACS (18)	352.935448 Secs (352.935 Secs) *[==>]*	*[1]*
3	F139M-dither2	(15) IC-1613	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Sequence 2-11 Non-Int in IC-1613-IR-ACS (18) Prime + Parallel Group 2-6 in Sequence 2-11 Non-Int in IC-1613-IR-ACS (18)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
4	F153M-dither2	(15) IC-1613	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Sequence 2-11 Non-Int in IC-1613-IR-ACS (18) Prime + Parallel Group 2-6 in Sequence 2-11 Non-Int in IC-1613-IR-ACS (18)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
5	F606W-dither2	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 2-11 Non-Int in IC-1613-IR-ACS (18) Prime + Parallel Group 2-6 in Sequence 2-11 Non-Int in IC-1613-IR-ACS (18)	200 Secs (271 Secs) *[==>271.0 Secs]*	*[1]*
6	F814W-dither2	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 2-11 Non-Int in IC-1613-IR-ACS (18) Prime + Parallel Group 2-6 in Sequence 2-11 Non-Int in IC-1613-IR-ACS (18)	600 Secs (671 Secs) *[==>671.0 Secs]*	*[1]*
7	F127M-dither3	(15) IC-1613	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=6	POS TARG 0.902,0.806	Sequence 2-11 Non-Int in IC-1613-IR-ACS (18) Prime + Parallel Group 7-11 in Sequence 2-11 Non-Int in IC-1613-IR-ACS (18)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
8	F139M-dither3	(15) IC-1613	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0.902,0.806	Sequence 2-11 Non-Int in IC-1613-IR-ACS (18) Prime + Parallel Group 7-11 in Sequence 2-11 Non-Int in IC-1613-IR-ACS (18)	352.935448 Secs (352.935 Secs) *[==>]*	*[1]*

	9	F153M-dither3	(15) IC-1613	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0.902,0.806	Sequence 2-11 Non-Int in IC-1613-IR-ACS (18) Prime + Parallel Group 7-11 in Sequence 2-11 Non-Int in IC-1613-IR-ACS (18)	352.935448 Secs (352.935 Secs) *[==>]*	***[1]***
	10	F606W-dither3	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 2-11 Non-Int in IC-1613-IR-ACS (18) Prime + Parallel Group 7-11 in Sequence 2-11 Non-Int in IC-1613-IR-ACS (18)	340 Secs (340 Secs) *[==>]*	***[1]***
	11	F814W-dither3	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 2-11 Non-Int in IC-1613-IR-ACS (18) Prime + Parallel Group 7-11 in Sequence 2-11 Non-Int in IC-1613-IR-ACS (18)	340 Secs (340 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16162, IC-1613-UVIS (19), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

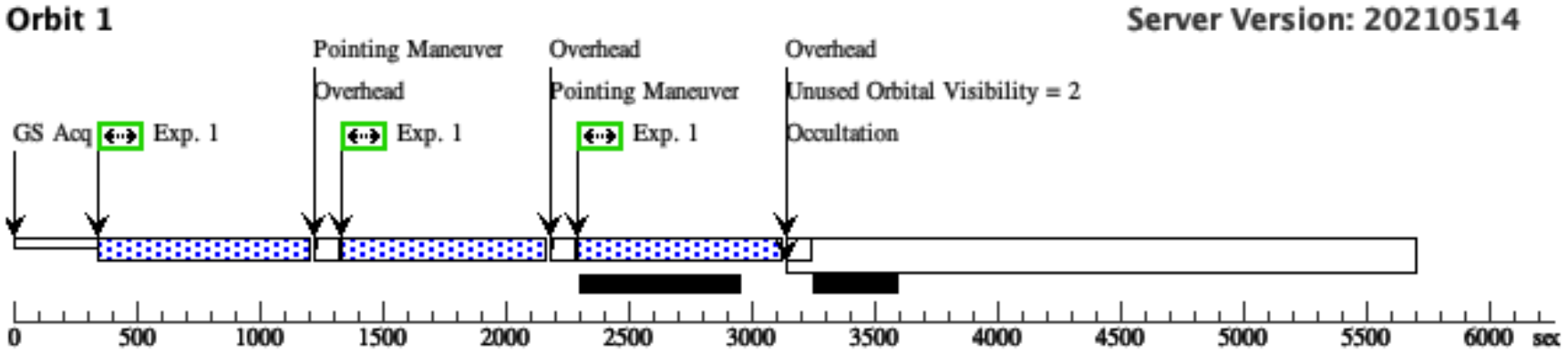
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	IC-1613	RA: 01 04 47.7063 (16.1987763d) Dec: +02 07 4.00 (2.11778d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[AMORPHOUS IRREGULAR, STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F475W	(15) IC-1613	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F475W			Pattern 3, Exps 1-1 in IC-1613-UVIS (19) (3)	800 Secs (2493 Secs) *[==>831.0 Secs (Pattern 1)]* *[==>831.0 Secs (Pattern 2)]* *[==>831.0 Secs (Pattern 3)]*	 ***[1]***

Orbit Structure



Visit

Proposal 16162, LEO-A-IR (20), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(7)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-2)

Fixed Targets

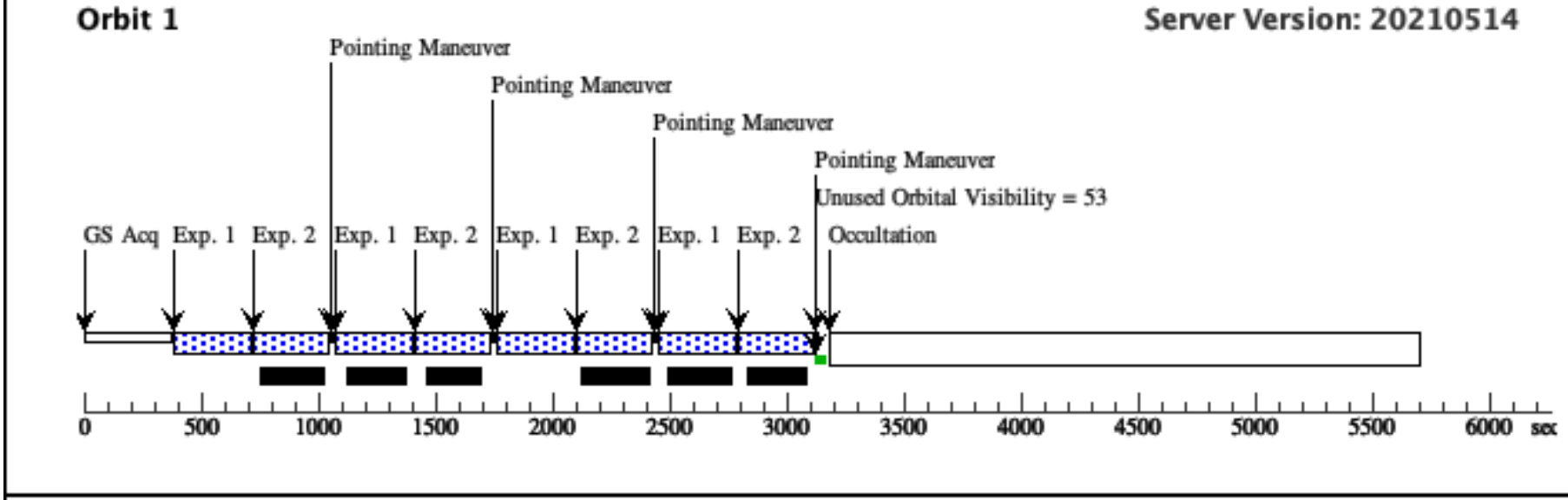
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	LEO-A	RA: 09 59 25.0775 (149.8544896d) Dec: +30 45 8.48 (30.75236d) Equinox: J2000		V=23	Reference Frame: SIMBAD

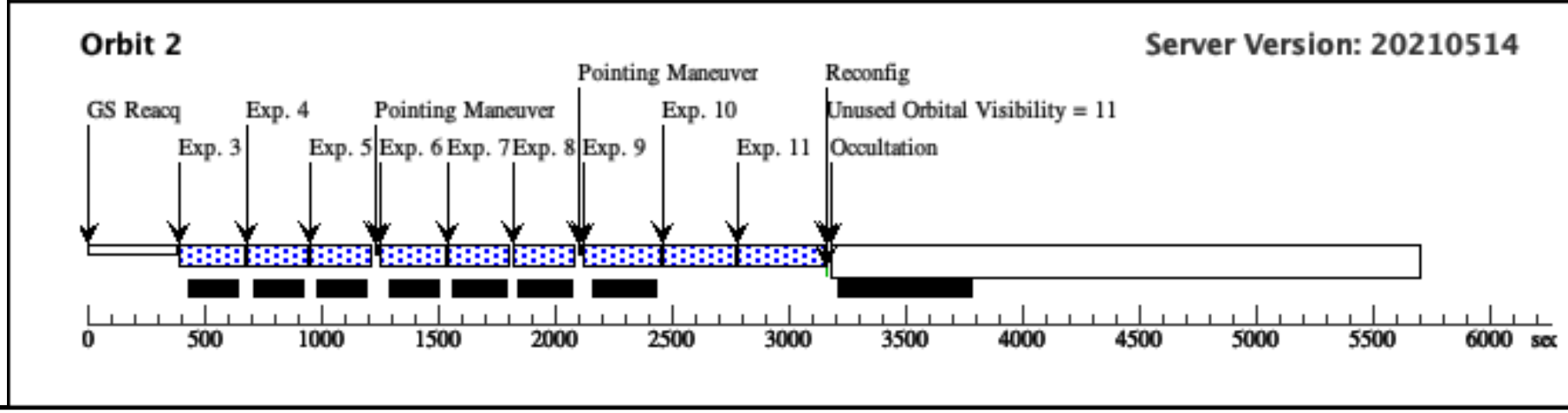
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F110W	(16) LEO-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 7, Exps 1-2 in LEO-A-IR (20) (7)	299.231323 Secs (1196.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
2	F160W	(16) LEO-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 7, Exps 1-2 in LEO-A-IR (20) (7)	299.231323 Secs (1196.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
3	F127M-dither1	(16) LEO-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 3-11 Non-Int in LEO-A-IR (20)	249.23203 Secs (249.232 Secs) *[==>]*	***[2]***
4	F139M-dither1	(16) LEO-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 3-11 Non-Int in LEO-A-IR (20)	249.23203 Secs (249.232 Secs) *[==>]*	***[2]***
5	F153M-dither1	(16) LEO-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 3-11 Non-Int in LEO-A-IR (20)	249.23203 Secs (249.232 Secs) *[==>]*	***[2]***
6	F139M-dither2	(16) LEO-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 3-11 Non-Int in LEO-A-IR (20)	249.23203 Secs (249.232 Secs) *[==>]*	***[2]***
7	F153M-dither2	(16) LEO-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 3-11 Non-Int in LEO-A-IR (20)	249.23203 Secs (249.232 Secs) *[==>]*	***[2]***
8	F127M-dither2	(16) LEO-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 3-11 Non-Int in LEO-A-IR (20)	249.23203 Secs (249.232 Secs) *[==>]*	***[2]***
9	F153M-dither3	(16) LEO-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 3-11 Non-Int in LEO-A-IR (20)	299.232481 Secs (299.232 Secs) *[==>]*	***[2]***
10	F127M-dither3	(16) LEO-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 3-11 Non-Int in LEO-A-IR (20)	299.232481 Secs (299.232 Secs) *[==>]*	***[2]***
11	F139M-dither3	(16) LEO-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0.902,0.806	Sequence 3-11 Non-Int in LEO-A-IR (20)	352.935448 Secs (352.935 Secs) *[==>]*	***[2]***

Orbit Structure





Visit

Proposal 16162, DDO-210-IR-ACS (21), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: (none)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(17)	DDO-210	RA: 20 46 51.8000 (311.7158333d) Dec: -12 50 49.72 (-12.84714d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

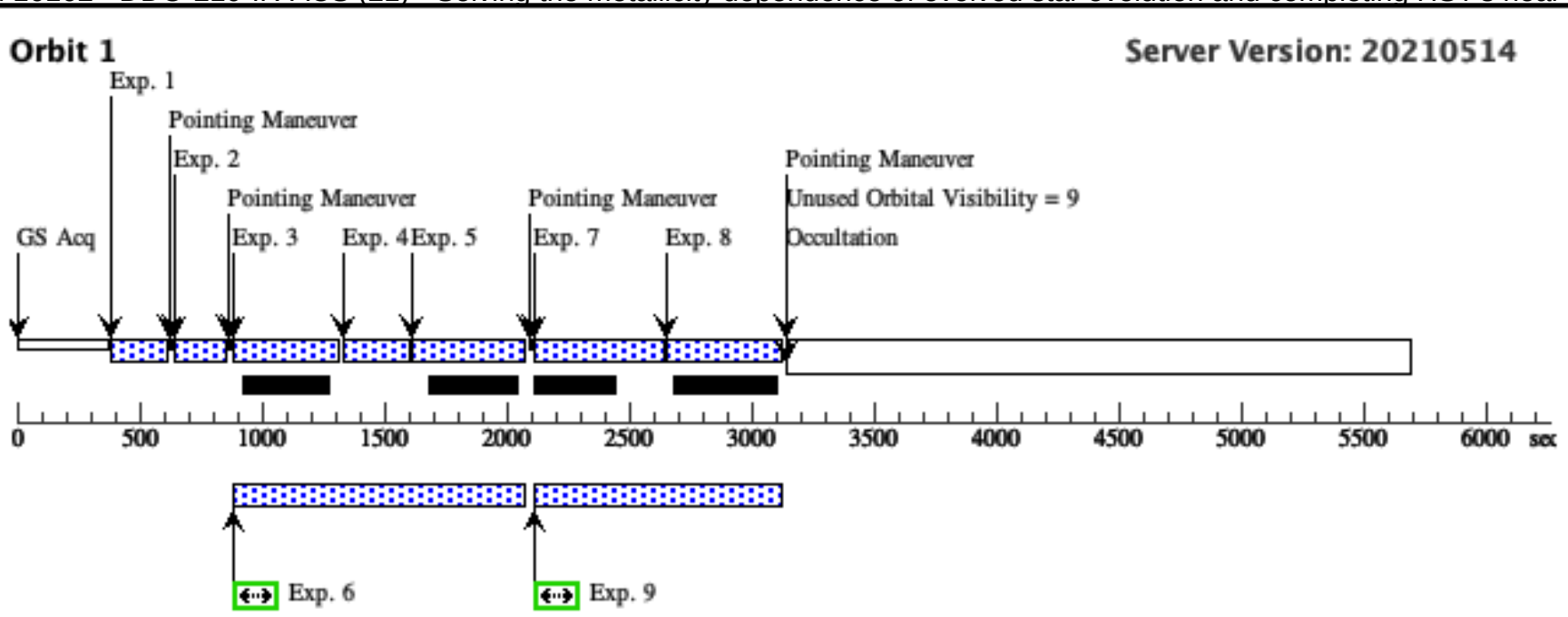
Exposures

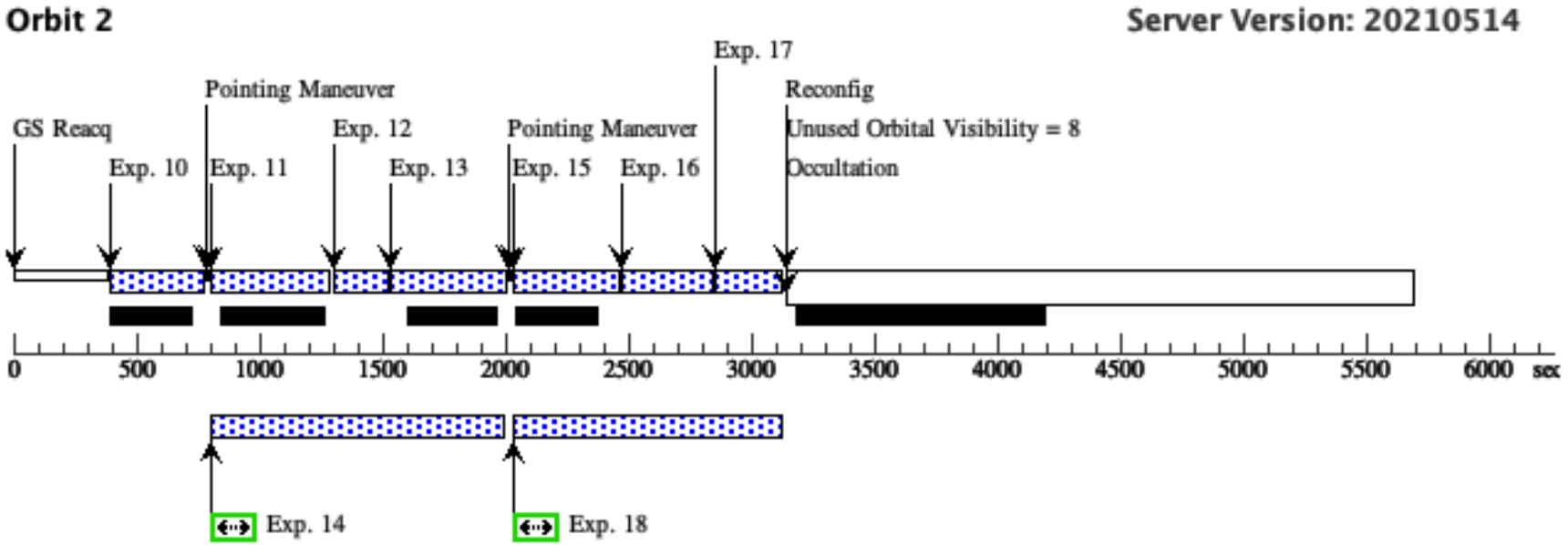
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W-dither1	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=5	POS TARG 0,0	Sequence 1-9 Non-Int in DDO-210-IR-ACS (21)	202.934095 Secs (202.934 Secs) *[==>]*	*[1]*
2	F160W-dither2	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS25; NSAMP=8	POS TARG 0.542,0.182	Sequence 1-9 Non-Int in DDO-210-IR-ACS (21)	177.935896 Secs (177.936 Secs) *[==>]*	*[1]*
3	F160W-dither3	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in DDO-210-IR-ACS (21)	402.935899 Secs (402.936 Secs) *[==>]*	*[1]*
4	F110W-dither3	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=6	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in DDO-210-IR-ACS (21)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
5	F110W-dither3	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in DDO-210-IR-ACS (21)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
6	F606W-dither3	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-9 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in DDO-210-IR-ACS (21)	730 Secs (983 Secs) *[==>983.0 Secs]*	*[1]*
7	F110W-dither4	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=11	POS TARG -0.203,0.303	Sequence 1-9 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in DDO-210-IR-ACS (21)	502.936801 Secs (502.937 Secs) *[==>]*	*[1]*
8	F160W-dither4	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG -0.203,0.303	Sequence 1-9 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in DDO-210-IR-ACS (21)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
9	F606W-dither4	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-9 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in DDO-210-IR-ACS (21)	680 Secs (891 Secs) *[==>891.0 Secs]*	*[1]*

10	F127M-dither1	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0,0	Sequence 10-18 Non-Int in DDO-210-IR-ACS (21)	352.935448 Secs (352.935 Secs) *[==>]*	**[2]**
11	F139M-dither2	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Sequence 10-18 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 11-14 in Sequence 10-18 Non-Int in DDO-210-IR-ACS (21)	452.93635 Secs (452.936 Secs) *[==>]*	**[2]**
12	F127M-dither2	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=5	POS TARG 0.451,0.403	Sequence 10-18 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 11-14 in Sequence 10-18 Non-Int in DDO-210-IR-ACS (21)	202.934095 Secs (202.934 Secs) *[==>]*	**[2]**
13	F153M-dither2	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Sequence 10-18 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 11-14 in Sequence 10-18 Non-Int in DDO-210-IR-ACS (21)	452.93635 Secs (452.936 Secs) *[==>]*	**[2]**
14	F814W-dither2	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 10-18 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 11-14 in Sequence 10-18 Non-Int in DDO-210-IR-ACS (21)	840 Secs (1014 Secs) *[==>1014.0 Secs]*	**[2]**
15	F139M-dither3	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.902,0.806	Sequence 10-18 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 15-18 in Sequence 10-18 Non-Int in DDO-210-IR-ACS (21)	402.935899 Secs (402.936 Secs) *[==>]*	**[2]**
16	F153M-dither3	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0.902,0.806	Sequence 10-18 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 15-18 in Sequence 10-18 Non-Int in DDO-210-IR-ACS (21)	352.935448 Secs (352.935 Secs) *[==>]*	**[2]**
17	F127M-dither3	(17) DDO-210	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=6	POS TARG 0.902,0.806	Sequence 10-18 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 15-18 in Sequence 10-18 Non-Int in DDO-210-IR-ACS (21)	252.934546 Secs (252.935 Secs) *[==>]*	**[2]**

	18	F814W-dither3	ANY	ACS/WFC, ACCUM, WFC	F814W	Sequence 10-18 Non-Int in DDO-210-IR-ACS (21) Prime + Parallel Group 15-18 in Sequence 10-18 Non-Int in DDO-210-IR-ACS (21)	780 Secs (969 Secs) *[==>969.0 Secs]*	***[2]***

Orbit Structure





Visit

Proposal 16162, SAG-DIG-IR (22), completed Tue Nov 30 21:01:12 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Comments: Cut IR medium-band orbit because already done in program 14073

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(7)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(10-11)

Fixed Targets

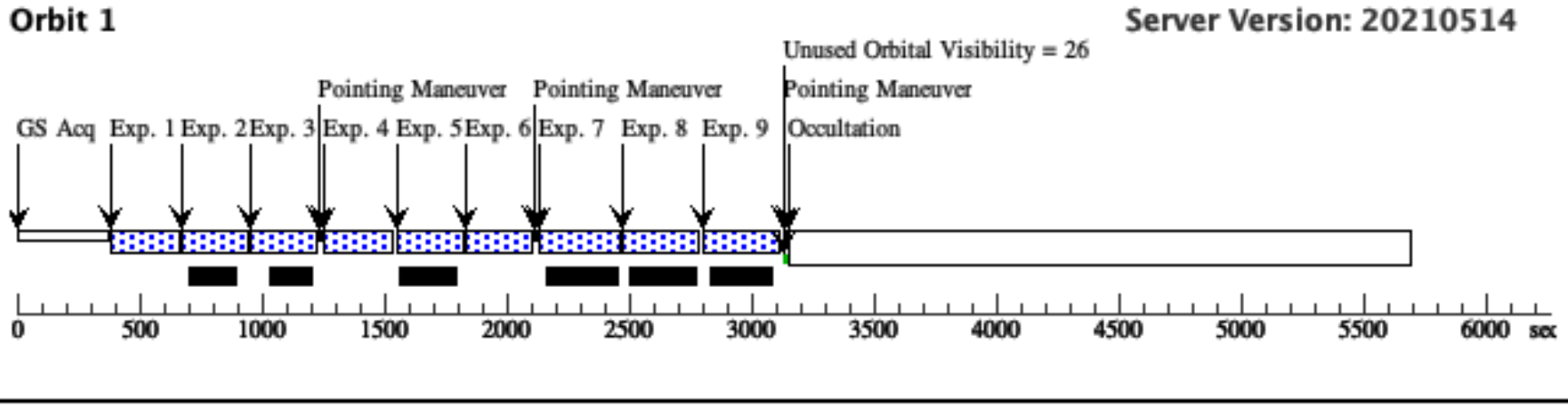
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	SAG-DIG	RA: 19 29 59.0953 (292.4962304d) Dec: -17 40 53.26 (-17.68146d) Equinox: J2000		V=23	Reference Frame: SIMBAD

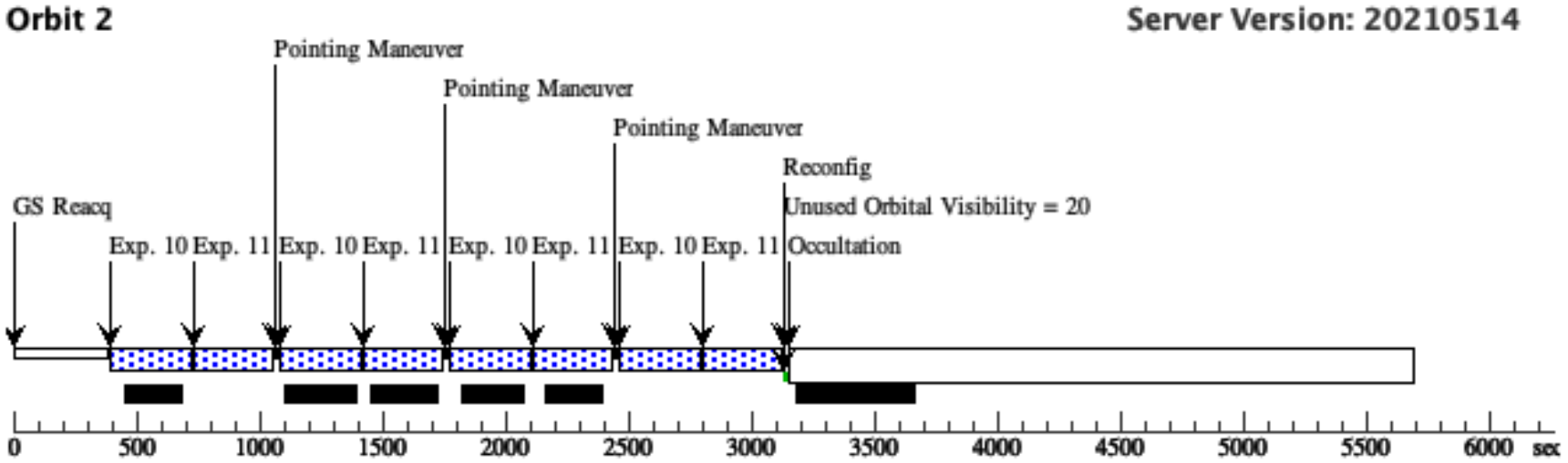
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(18) SAG-DIG	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=6		Sequence 1-9 Non-Int in SAG-DIG-IR (22)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
2	F139M-dither1	(18) SAG-DIG	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=6		Sequence 1-9 Non-Int in SAG-DIG-IR (22)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
3	F153M-dither1	(18) SAG-DIG	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=6		Sequence 1-9 Non-Int in SAG-DIG-IR (22)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
4	F139M-dither2	(18) SAG-DIG	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=6	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in SAG-DIG-IR (22)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
5	F153M-dither2	(18) SAG-DIG	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=6	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in SAG-DIG-IR (22)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
6	F127M-dither2	(18) SAG-DIG	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=6	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in SAG-DIG-IR (22)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
7	F153M-dither3	(18) SAG-DIG	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in SAG-DIG-IR (22)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
8	F127M-dither3	(18) SAG-DIG	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in SAG-DIG-IR (22)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
9	F139M-dither3	(18) SAG-DIG	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP100; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in SAG-DIG-IR (22)	299.231323 Secs (299.231 Secs) *[==>]*	*[1]*
10	F110W	(18) SAG-DIG	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 7, Exps 10-11 in SAG-DIG-IR (22) (7)	299.231323 Secs (1196.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	*[2]*
11	F160W	(18) SAG-DIG	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 7, Exps 10-11 in SAG-DIG-IR (22) (7)	299.231323 Secs (1196.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	*[2]*

Orbit Structure





Visit

Proposal 16162, Antlia-IR (23), completed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(7)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(10-11)

Fixed Targets

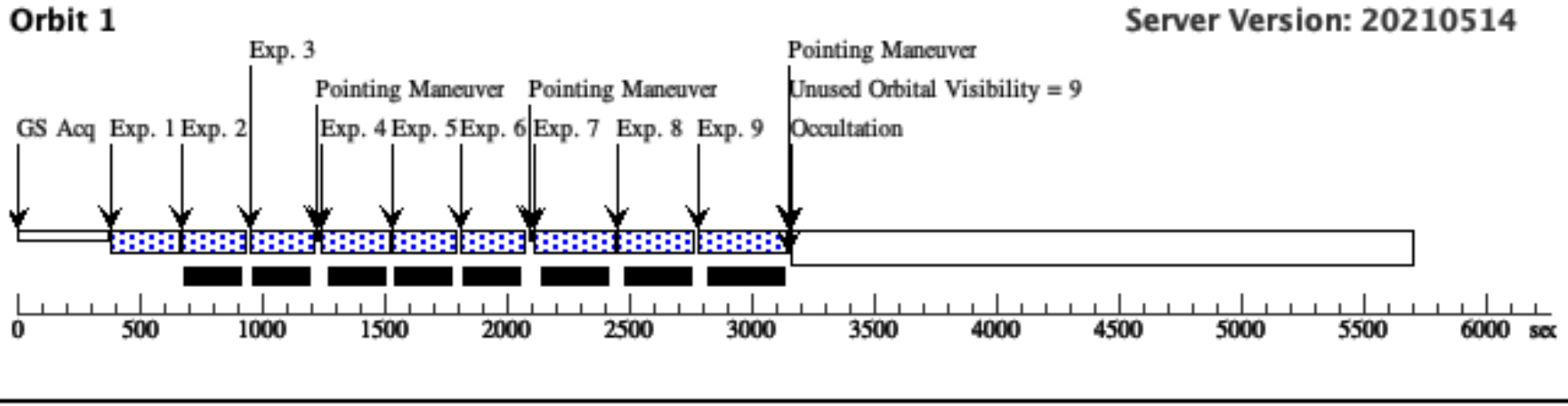
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	ANTLIA	RA: 10 04 0.8234 (151.0034308d) Dec: -27 20 4.65 (-27.33463d) Equinox: J2000		V=23	Reference Frame: NED

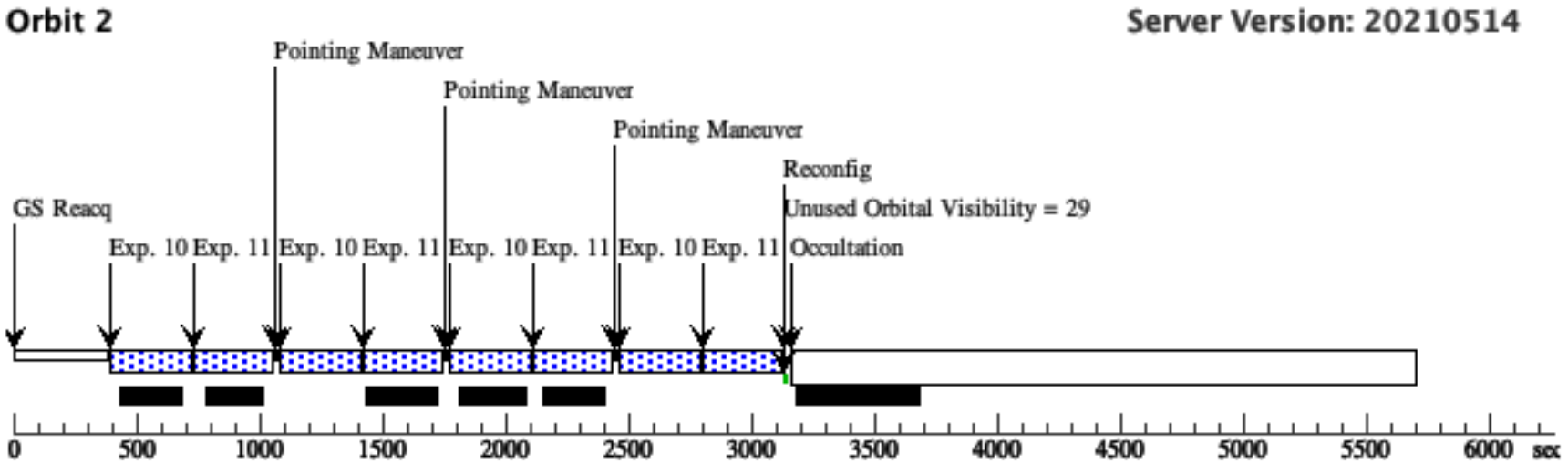
Comments: This object was generated by the targetselector and retrieved from the NED database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(19) ANTLIA	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in Antlia-IR (23)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
2	F139M-dither1	(19) ANTLIA	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in Antlia-IR (23)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
3	F153M-dither1	(19) ANTLIA	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10		Sequence 1-9 Non-Int in Antlia-IR (23)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
4	F139M-dither2	(19) ANTLIA	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in Antlia-IR (23)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
5	F153M-dither2	(19) ANTLIA	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in Antlia-IR (23)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
6	F127M-dither2	(19) ANTLIA	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-9 Non-Int in Antlia-IR (23)	249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
7	F153M-dither3	(19) ANTLIA	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in Antlia-IR (23)	299.232481 Secs (299.232 Secs) *[==>]*	***[1]***
8	F127M-dither3	(19) ANTLIA	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=STEP50; NSAMP=11	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in Antlia-IR (23)	299.232481 Secs (299.232 Secs) *[==>]*	***[1]***
9	F139M-dither3	(19) ANTLIA	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=STEP50; NSAMP=12	POS TARG 0.902,0.806	Sequence 1-9 Non-Int in Antlia-IR (23)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
10	F110W	(19) ANTLIA	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 7, Exps 10-11 in Antlia-IR (23) (7)	299.231323 Secs (1196.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[2]***
11	F160W	(19) ANTLIA	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=STEP100; NSAMP=9		Pattern 7, Exps 10-11 in Antlia-IR (23) (7)	299.231323 Secs (1196.925 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[2]***

Orbit Structure





Visit

Proposal 16162, Antlia-UVIS (24), completed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

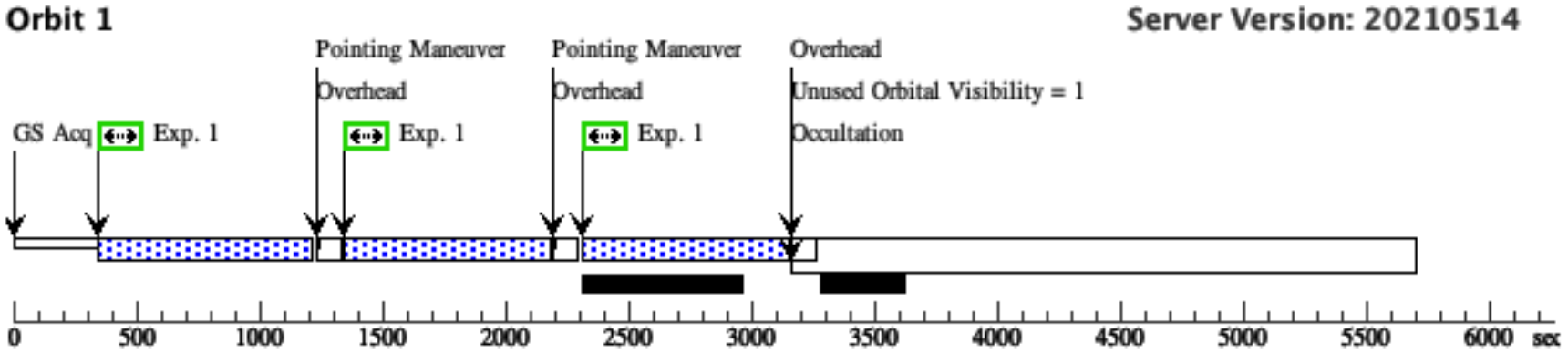
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	ANTLIA	RA: 10 04 0.8234 (151.0034308d) Dec: -27 20 4.65 (-27.33463d) Equinox: J2000		V=23	Reference Frame: NED

Comments: This object was generated by the targetselector and retrieved from the NED database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F475W	(19) ANTLIA	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F475W			Pattern 3, Exps 1-1 in Antlia-UVIS (24) (3)	841 Secs (2517 Secs) *[==>839.0 Secs (Pattern 1)]* *[==>839.0 Secs (Pattern 2)]* *[==>839.0 Secs (Pattern 3)]*	 ***[1]***

Orbit Structure



Visit

Proposal 16162, SEX-A-IRw-ACS (25), completed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT -3D TO 3D FROM 26

Comments: TTRB approved the addition of an +/- 3 degree orient tie to visit 26 so that the parallel field is the same for both orbits. -- MB 10/20/20

Fixed Targets

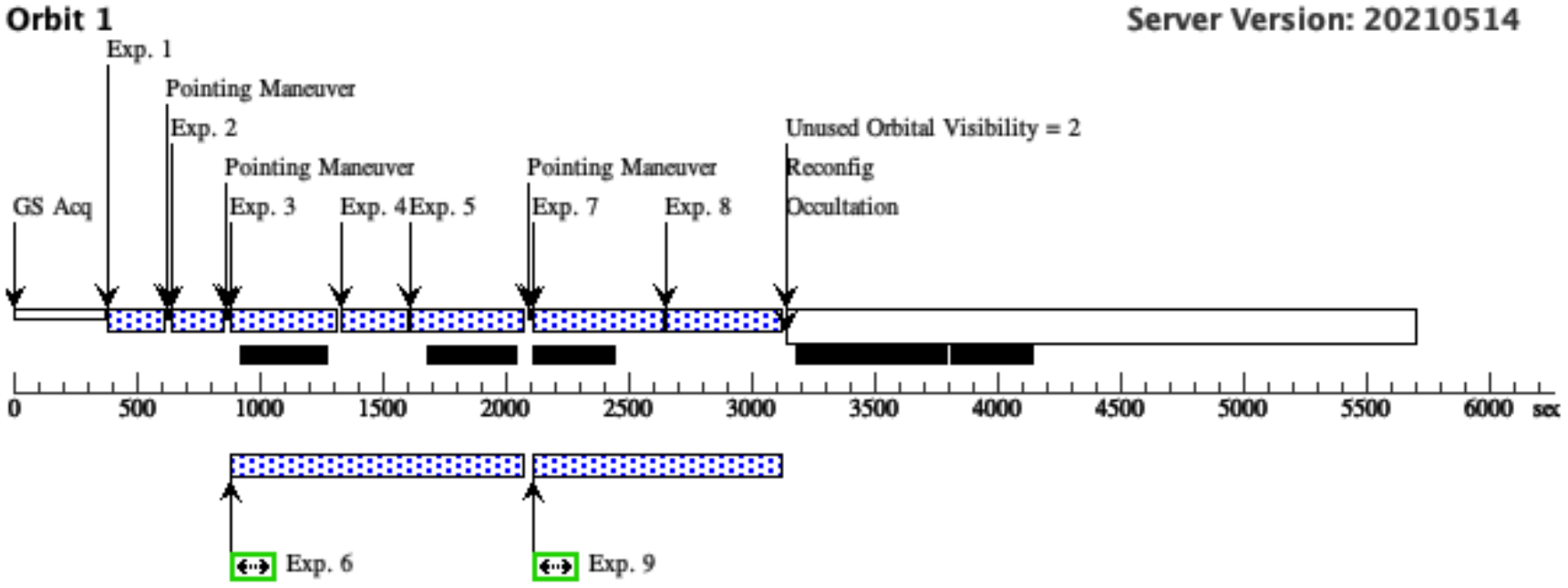
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	SEX-A	RA: 10 10 58.3974 (152.7433225d) Dec: -04 41 38.59 (-4.69405d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W-dither1	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=5	POS TARG 0,0	Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25)	202.934095 Secs (202.934 Secs) *[==>]*	*[1]*
2	F160W-dither2	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS25; NSAMP=8	POS TARG 0.542,0.182	Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25)	177.935896 Secs (177.936 Secs) *[==>]*	*[1]*
3	F160W-dither3	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25)	402.935899 Secs (402.936 Secs) *[==>]*	*[1]*
4	F110W-dither3	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=6	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25)	252.934546 Secs (252.935 Secs) *[==>]*	*[1]*
5	F110W-dither3	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
6	F606W-dither3	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25)	730 Secs (983 Secs) *[==>983.0 Secs]*	*[1]*
7	F110W-dither4	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=11	POS TARG -0.203,0.303	Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25)	502.936801 Secs (502.937 Secs) *[==>]*	*[1]*
8	F160W-dither4	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG -0.203,0.303	Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
9	F606W-dither4	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in SEX-A-IRw-ACS (25)	680 Secs (891 Secs) *[==>891.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 16162, SEX-A-IRm-ACS (26), completed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: (none)

Fixed Targets

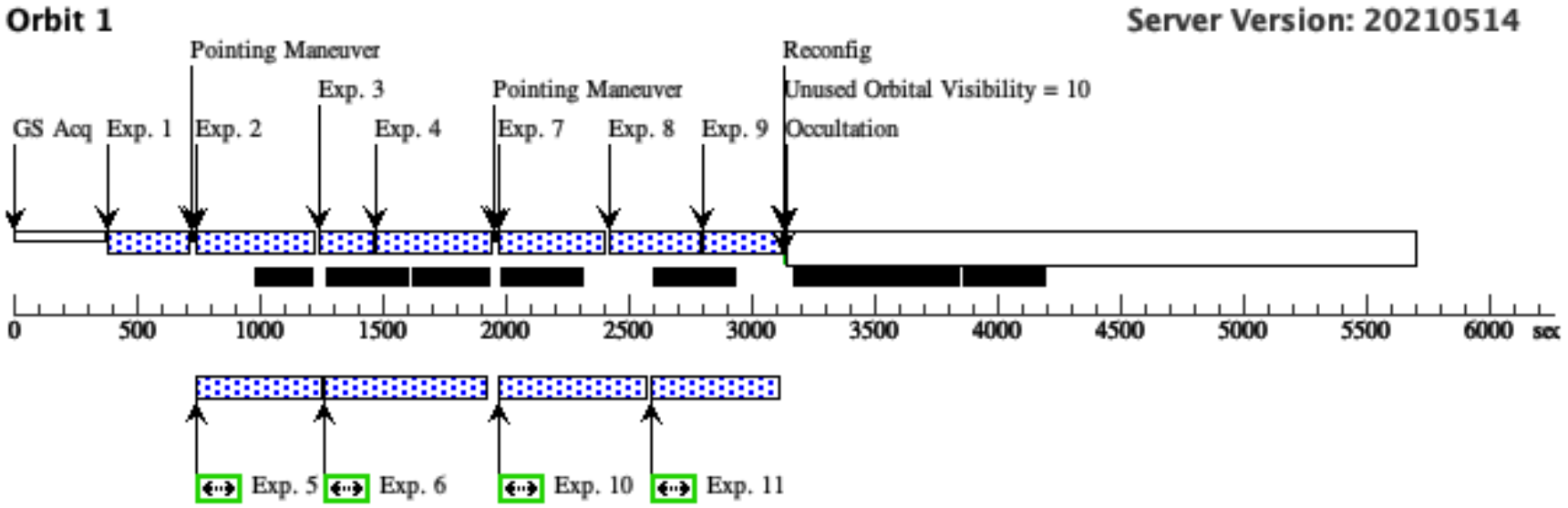
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	SEX-A	RA: 10 10 58.3974 (152.7433225d) Dec: -04 41 38.59 (-4.69405d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS100; NSAMP=4			302.93326 Secs (302.933 Secs) *[==>]*	*[1]*
2	F139M-dither2	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Prime + Parallel Group 2-6 in SEX-A-IRm-ACS (26)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
3	F127M-dither2	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=5	POS TARG 0.451,0.403	Prime + Parallel Group 2-6 in SEX-A-IRm-ACS (26)	202.934095 Secs (202.934 Secs) *[==>]*	*[1]*
4	F153M-dither2	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Prime + Parallel Group 2-6 in SEX-A-IRm-ACS (26)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
5	F814W-dither2	ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-6 in SEX-A-IRm-ACS (26)	300 Secs (300 Secs) *[==>]*	*[1]*
6	F814W-dither2	ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-6 in SEX-A-IRm-ACS (26)	540 Secs (540 Secs) *[==>]*	*[1]*
7	F139M-dither3	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.902,0.806	Prime + Parallel Group 7-11 in SEX-A-IRm-ACS (26)	402.935899 Secs (402.936 Secs) *[==>]*	*[1]*
8	F153M-dither3	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0.902,0.806	Prime + Parallel Group 7-11 in SEX-A-IRm-ACS (26)	352.935448 Secs (352.935 Secs) *[==>]*	*[1]*
9	F127M-dither3	(20) SEX-A	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=7	POS TARG 0.902,0.806	Prime + Parallel Group 7-11 in SEX-A-IRm-ACS (26)	302.934997 Secs (302.935 Secs) *[==>]*	*[1]*
10	F814W-dither3	ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-11 in SEX-A-IRm-ACS (26)	420 Secs (480 Secs) *[==>480.0 Secs]*	*[1]*
11	F814W-dither3	ANY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-11 in SEX-A-IRm-ACS (26)	340 Secs (400 Secs) *[==>400.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 16162, SEX-A-UVIS (27), completed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

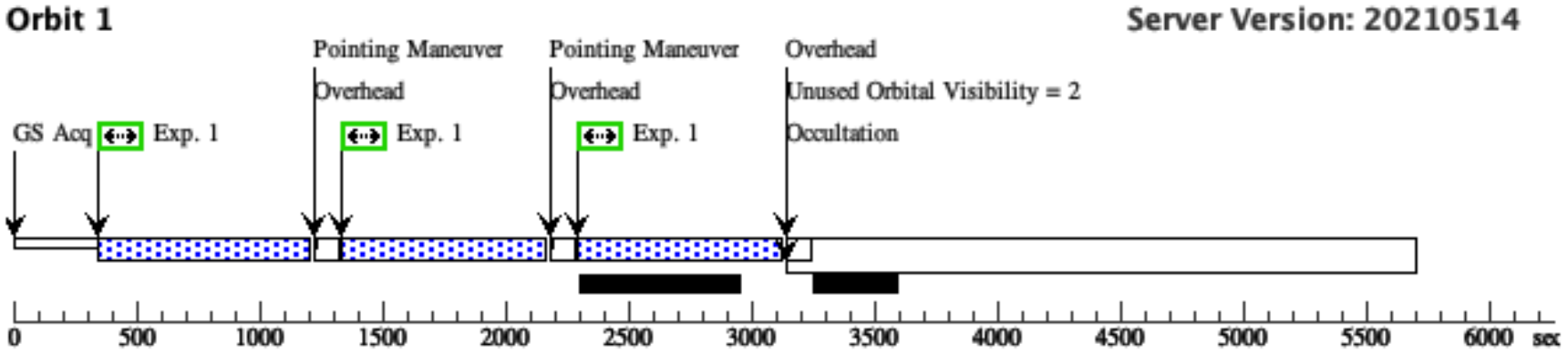
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	SEX-A	RA: 10 10 58.3974 (152.7433225d) Dec: -04 41 38.59 (-4.69405d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F475W	(20) SEX-A	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F475W			Pattern 3, Exps 1-1 in SEX-A-UVIS (27) (3)	825 Secs (2493 Secs) *[==>831.0 Secs (Pattern 1)]* *[==>831.0 Secs (Pattern 2)]* *[==>831.0 Secs (Pattern 3)]*	*[1]*

Orbit Structure



Visit

Proposal 16162, SEX-B-IR-ACS (28), completed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: (none)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(21)	SEX-B	RA: 10 00 2.9717 (150.0123821d) Dec: +05 19 30.94 (5.32526d) Equinox: J2000		V=23	Reference Frame: SIMBAD

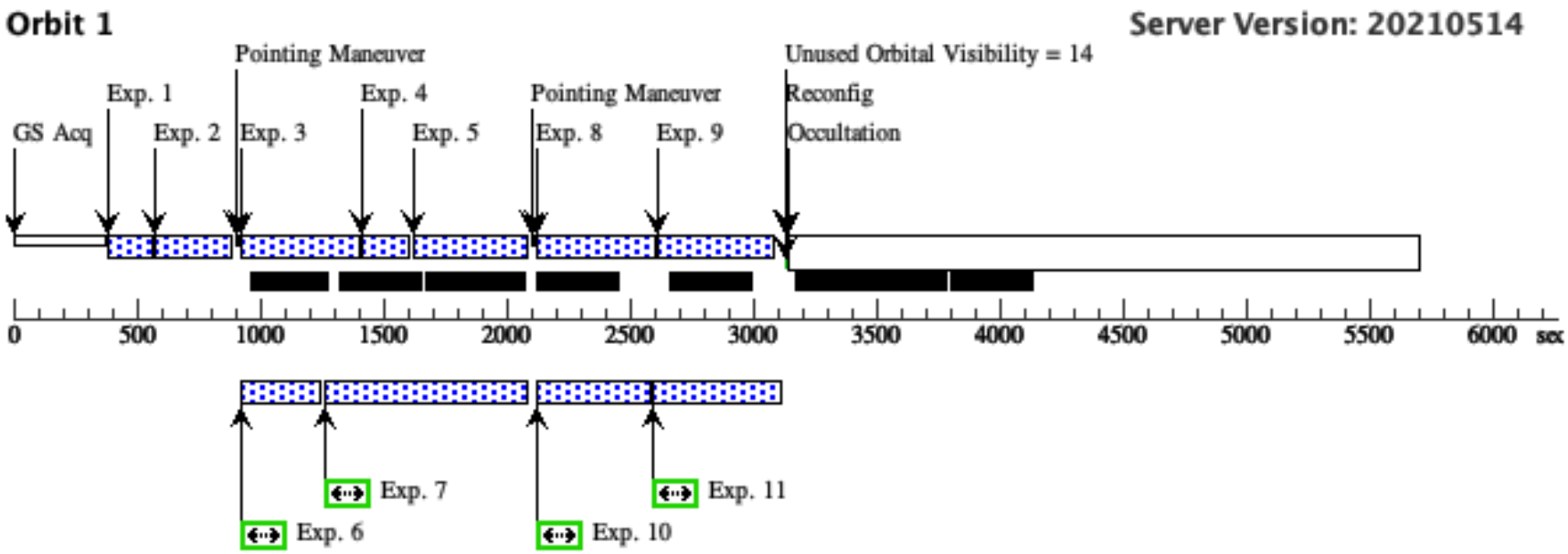
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W-dither1	(21) SEX-B	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=4		Sequence 1-11 Non-Int in SEX-B-IR-ACS (28)	152.933644 Secs (152.934 Secs) *[==>]*	***[1]***
2	F160W-dither1	(21) SEX-B	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=7		Sequence 1-11 Non-Int in SEX-B-IR-ACS (28)	302.934997 Secs (302.935 Secs) *[==>]*	***[1]***
3	F160W-dither2	(21) SEX-B	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-11 Non-Int in SEX-B-IR-ACS (28) Prime + Parallel Group 3-7 in Sequence 1-11 Non-Int in SEX-B-IR-ACS (28)	452.93635 Secs (452.936 Secs) *[==>]*	***[1]***
4	F110W-dither2	(21) SEX-B	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS25; NSAMP=8	POS TARG 0.451,0.403	Sequence 1-11 Non-Int in SEX-B-IR-ACS (28) Prime + Parallel Group 3-7 in Sequence 1-11 Non-Int in SEX-B-IR-ACS (28)	177.935896 Secs (177.936 Secs) *[==>]*	***[1]***
5	F110W-dither2	(21) SEX-B	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-11 Non-Int in SEX-B-IR-ACS (28) Prime + Parallel Group 3-7 in Sequence 1-11 Non-Int in SEX-B-IR-ACS (28)	452.93635 Secs (452.936 Secs) *[==>]*	***[1]***
6	F606W-dither2	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-11 Non-Int in SEX-B-IR-ACS (28) Prime + Parallel Group 3-7 in Sequence 1-11 Non-Int in SEX-B-IR-ACS (28)	100 Secs (115 Secs) *[==>115.0 Secs]*	***[1]***
7	F814W-dither2	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-11 Non-Int in SEX-B-IR-ACS (28) Prime + Parallel Group 3-7 in Sequence 1-11 Non-Int in SEX-B-IR-ACS (28)	630 Secs (645 Secs) *[==>645.0 Secs]*	***[1]***
8	F110W-dither3	(21) SEX-B	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.902,0.806	Sequence 1-11 Non-Int in SEX-B-IR-ACS (28) Prime + Parallel Group 8-11 in Sequence 1-11 Non-Int in SEX-B-IR-ACS (28)	452.93635 Secs (452.936 Secs) *[==>]*	***[1]***
9	F160W-dither3	(21) SEX-B	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.902,0.806	Sequence 1-11 Non-Int in SEX-B-IR-ACS (28) Prime + Parallel Group 8-11 in Sequence 1-11 Non-Int in SEX-B-IR-ACS (28)	452.93635 Secs (452.936 Secs) *[==>]*	***[1]***

	10	F814W-dither3	ANY	ACS/WFC, ACCUM, WFC	F814W	Sequence 1-11 Non-Int in SEX-B-IR-ACS (28) Prime + Parallel Group 8-11 in Sequence 1-11 Non-Int in SEX-B-IR-ACS (28)	340 Secs (340 Secs) *[==>]*	***[1]***
	11	F606W-dither3	ANY	ACS/WFC, ACCUM, WFC	F606W	Sequence 1-11 Non-Int in SEX-B-IR-ACS (28) Prime + Parallel Group 8-11 in Sequence 1-11 Non-Int in SEX-B-IR-ACS (28)	340 Secs (340 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16162, SEX-B-UVIS (29), completed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

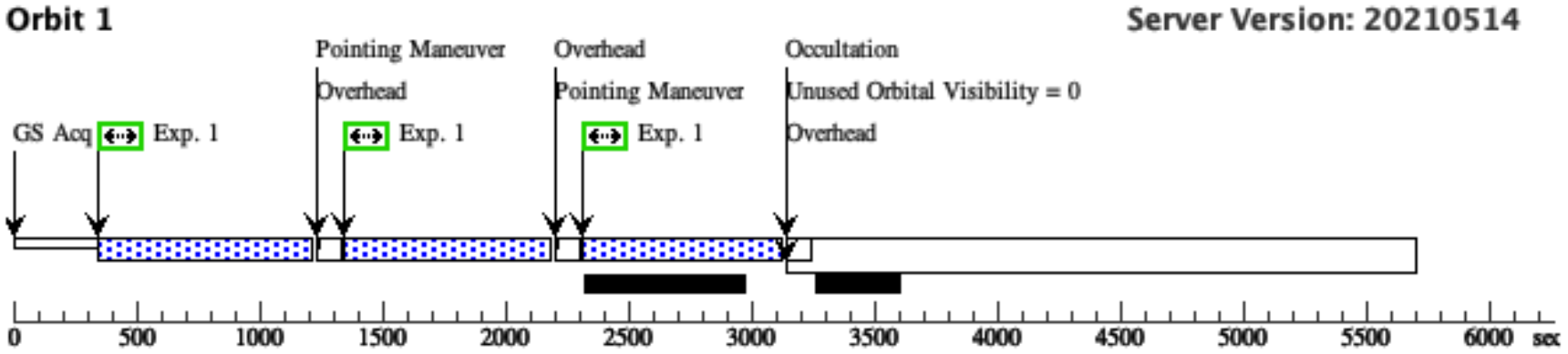
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(21)	SEX-B	RA: 10 00 2.9717 (150.0123821d) Dec: +05 19 30.94 (5.32526d) Equinox: J2000		V=23	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F475W	(21) SEX-B	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F475W			Pattern 3, Exps 1-1 in SEX-B-UVIS (29) (3)	841 Secs (2498 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>816.0 Secs (Pattern 3)]*	*[1]*

Orbit Structure



Visit

Proposal 16162, WLM-POS1-IRm-ACS (30), completed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: (none)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(22)	WLM-POS1	RA: 00 01 58.4592 (.4935800d) Dec: -15 26 40.20 (-15.44450d) Equinox: J2000		V=23	Reference Frame: NED

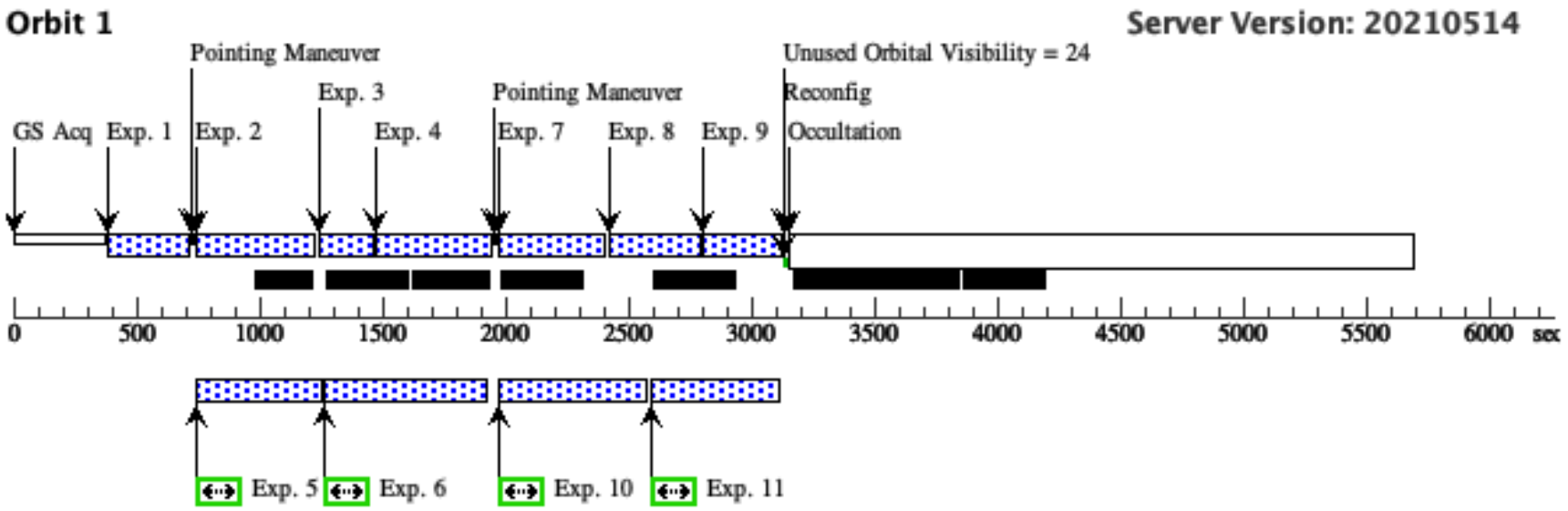
Comments: This object was generated by the targetselector and retrieved from the NED database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS100; NSAMP=4		Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30)	302.93326 Secs (302.933 Secs) *[==>]*	*[1]*
2	F139M-dither2	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30) Prime + Parallel Group 2-6 in Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
3	F127M-dither2	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=5	POS TARG 0.451,0.403	Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30) Prime + Parallel Group 2-6 in Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30)	202.934095 Secs (202.934 Secs) *[==>]*	*[1]*
4	F153M-dither2	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30) Prime + Parallel Group 2-6 in Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
5	F814W-dither2	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30) Prime + Parallel Group 2-6 in Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30)	300 Secs (300 Secs) *[==>]*	*[1]*
6	F814W-dither2	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30) Prime + Parallel Group 2-6 in Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30)	540 Secs (540 Secs) *[==>]*	*[1]*
7	F139M-dither3	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30) Prime + Parallel Group 7-11 in Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30)	402.935899 Secs (402.936 Secs) *[==>]*	*[1]*

	8	F153M-dither3	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0.902,0.806	Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30) Prime + Parallel Group 7-11 in Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30)	352.935448 Secs (352.935 Secs) *[==>]*	***[1]***
	9	F127M-dither3	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=7	POS TARG 0.902,0.806	Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30) Prime + Parallel Group 7-11 in Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30)	302.934997 Secs (302.935 Secs) *[==>]*	***[1]***
	10	F814W-dither3	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30) Prime + Parallel Group 7-11 in Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30)	420 Secs (480 Secs) *[==>480.0 Secs]*	***[1]***
	11	F814W-dither3	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30) Prime + Parallel Group 7-11 in Sequence 1-11 Non-Int in WLM-POS1-IRm-ACS (30)	340 Secs (400 Secs) *[==>400.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 16162, WLM-POS1-IRw-ACS (31), failed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT -3D TO 3D FROM 30

Comments: TTRB approved the addition of an +/- 3 degree orient tie to visit 30 so that the parallel field is the same for both orbits. -- MB 10/20/20

Fixed Targets

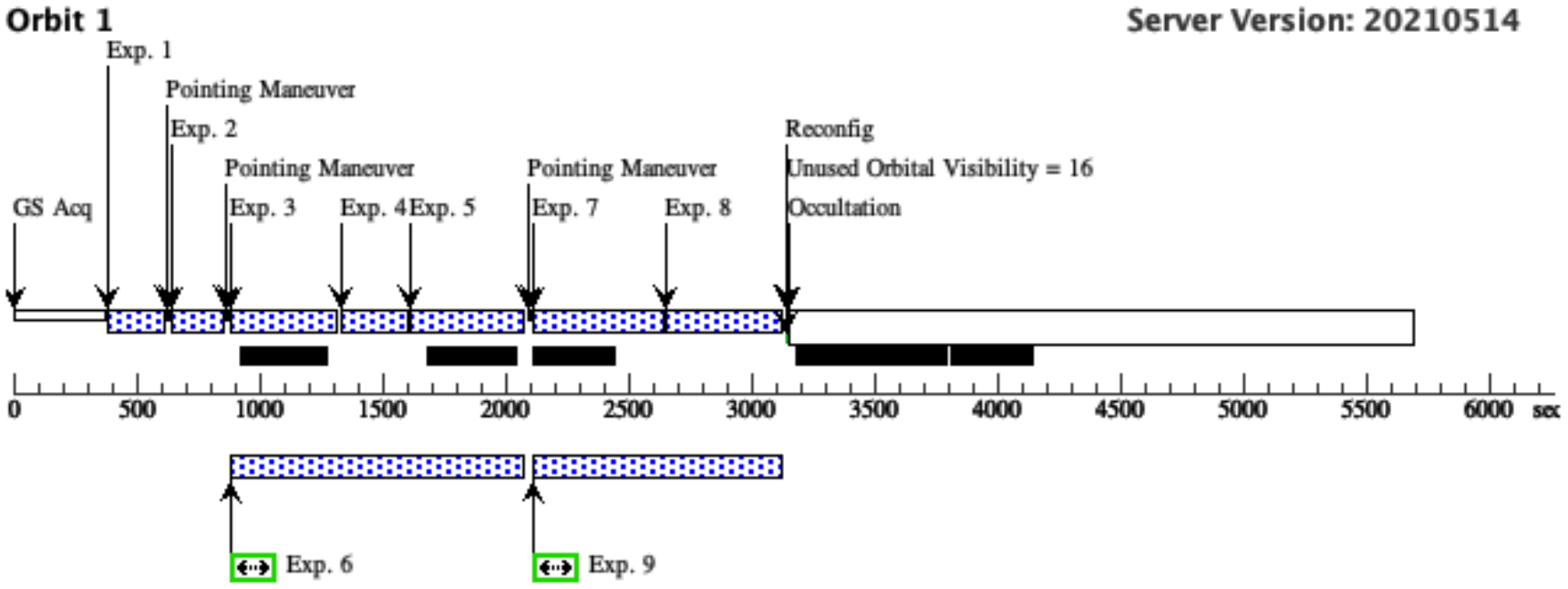
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(22)	WLM-POS1	RA: 00 01 58.4592 (.4935800d) Dec: -15 26 40.20 (-15.44450d) Equinox: J2000		V=23	Reference Frame: NED

Comments: This object was generated by the targetselector and retrieved from the NED database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W-dither1	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=5	POS TARG 0,0	Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31)	202.934095 Secs (202.934 Secs) *[==>]*	***[1]***
2	F160W-dither2	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS25; NSAMP=8	POS TARG 0.542,0.182	Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31)	177.935896 Secs (177.936 Secs) *[==>]*	***[1]***
3	F160W-dither3	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31)	402.935899 Secs (402.936 Secs) *[==>]*	***[1]***
4	F110W-dither3	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=6	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31)	252.934546 Secs (252.935 Secs) *[==>]*	***[1]***
5	F110W-dither3	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31)	452.93635 Secs (452.936 Secs) *[==>]*	***[1]***
6	F606W-dither3	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31)	730 Secs (983 Secs) *[==>983.0 Secs]*	***[1]***
7	F110W-dither4	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=11	POS TARG -0.203,0.303	Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31)	502.936801 Secs (502.937 Secs) *[==>]*	***[1]***
8	F160W-dither4	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG -0.203,0.303	Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31)	452.93635 Secs (452.936 Secs) *[==>]*	***[1]***
9	F606W-dither4	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in WLM-POS1-IRw-ACS (31)	680 Secs (891 Secs) *[==>891.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 16162, HOPR FOR FAILED 31 (H1), completed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT -3D TO 3D FROM 30

Comments: This is a HOPR repeat for failed visit 36

TTRB approved the addition of an +/- 3 degree orient tie to visit 30 so that the parallel field is the same for both orbits. -- MB 10/20/20

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(22)	WLM-POS1	RA: 00 01 58.4592 (.4935800d) Dec: -15 26 40.20 (-15.44450d) Equinox: J2000		V=23	Reference Frame: NED

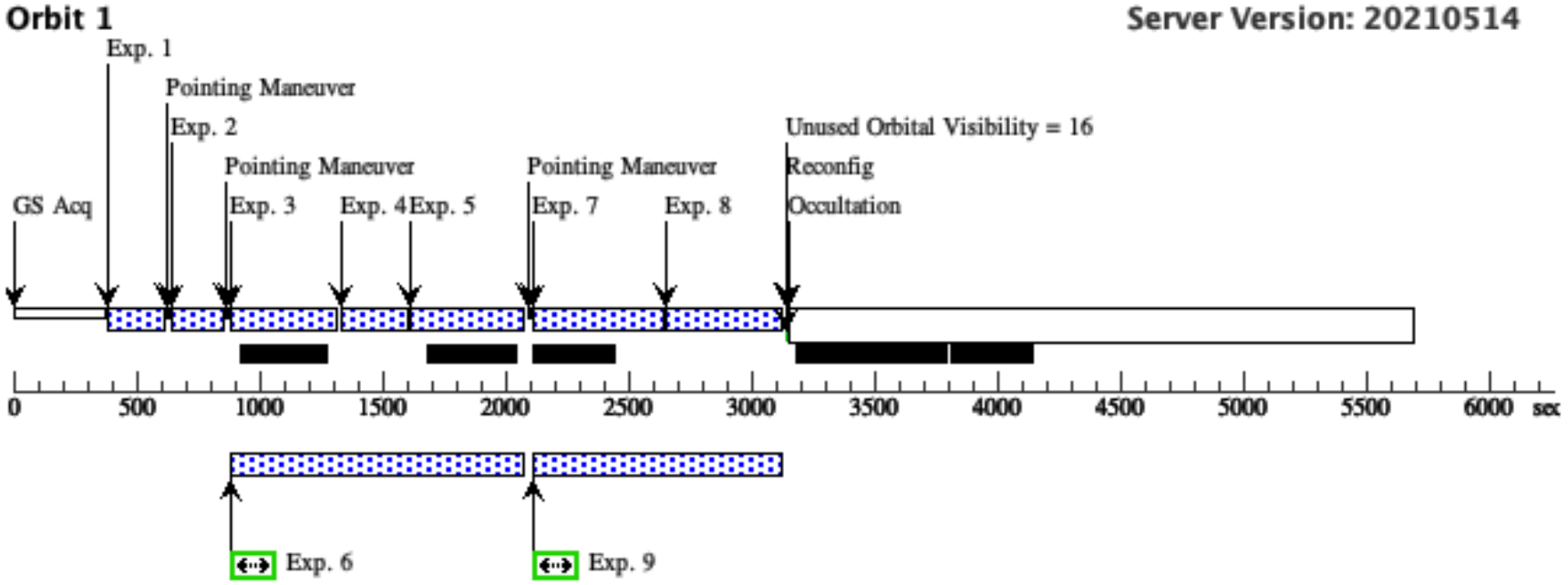
Comments: This object was generated by the targetselector and retrieved from the NED database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W-dither1	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=5	POS TARG 0,0	Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1)	202.934095 Secs (202.934 Secs) *[==>]*	***[1]***
2	F160W-dither2	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS25; NSAMP=8	POS TARG 0.542,0.182	Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1)	177.935896 Secs (177.936 Secs) *[==>]*	***[1]***
3	F160W-dither3	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1)	402.935899 Secs (402.936 Secs) *[==>]*	***[1]***
4	F110W-dither3	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=6	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1)	252.934546 Secs (252.935 Secs) *[==>]*	***[1]***
5	F110W-dither3	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.339,0.485	Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1)	452.93635 Secs (452.936 Secs) *[==>]*	***[1]***
6	F606W-dither3	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1) Prime + Parallel Group 3-6 in Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1)	730 Secs (983 Secs) *[==>983.0 Secs]*	***[1]***
7	F110W-dither4	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=11	POS TARG -0.203,0.303	Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1)	502.936801 Secs (502.937 Secs) *[==>]*	***[1]***
8	F160W-dither4	(22) WLM-POS1	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG -0.203,0.303	Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1)	452.93635 Secs (452.936 Secs) *[==>]*	***[1]***

	9	F606W-dither4	ANY	ACS/WFC, ACCUM, WFC	F606W	Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1) Prime + Parallel Group 7-9 in Sequence 1-9 Non-Int in HOPR FOR FAILED 31 (H1)	680 Secs (891 Secs) *[==>891.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 16162, WLM-POS1-UVIS (32), completed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets

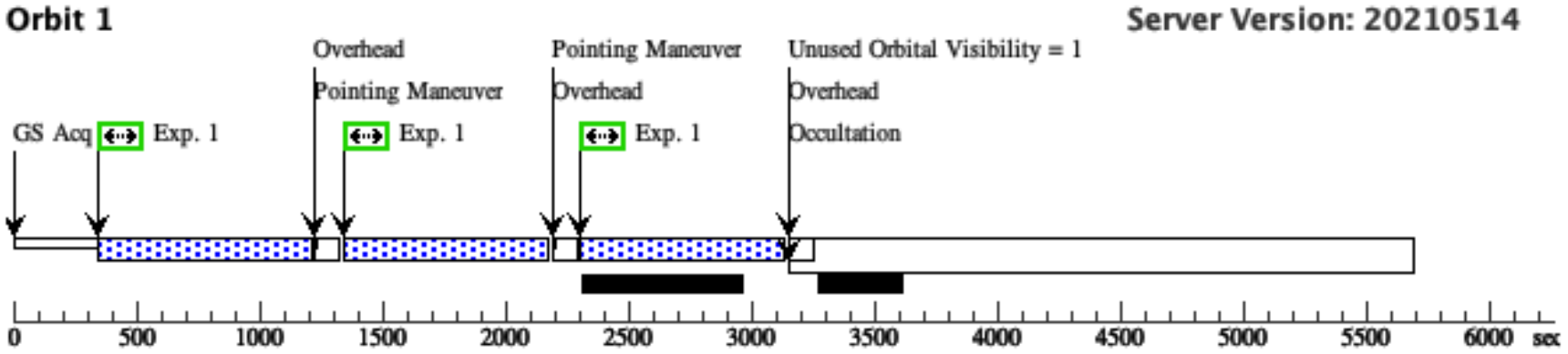
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(22)	WLM-POS1	RA: 00 01 58.4592 (.4935800d) Dec: -15 26 40.20 (-15.44450d) Equinox: J2000		V=23	Reference Frame: NED

Comments: This object was generated by the targetselector and retrieved from the NED database.
Category=GALAXY
Description=[STAR FORMING REGION]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F475W	(22) WLM-POS1	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F475W			Pattern 3, Exps 1-1 in WLM-POS1-UVIS (32) (3)	830 Secs (2508 Secs) *[==>836.0 Secs (Pattern 1)]* *[==>836.0 Secs (Pattern 2)]* *[==>836.0 Secs (Pattern 3)]*	 ***[1]***

Orbit Structure



Visit

Proposal 16162, WLM-POS2-IR-ACS (35), completed Tue Nov 30 21:01:13 GMT 2021

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: (none)

Comments: This is a new visit that combines the original visists 33 & 34 into a single visit so that the PA is the same for both orbits. -- MB 10/20/20

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	WLM-POS2	RA: 00 01 59.2990 (.4970792d) Dec: -15 30 56.78 (-15.51577d) Equinox: J2000		V=23	Reference Frame: NED

Comments: This object was generated by the targetselector and retrieved from the NED database.
Category=GALAXY
Description=[STAR FORMING REGION]

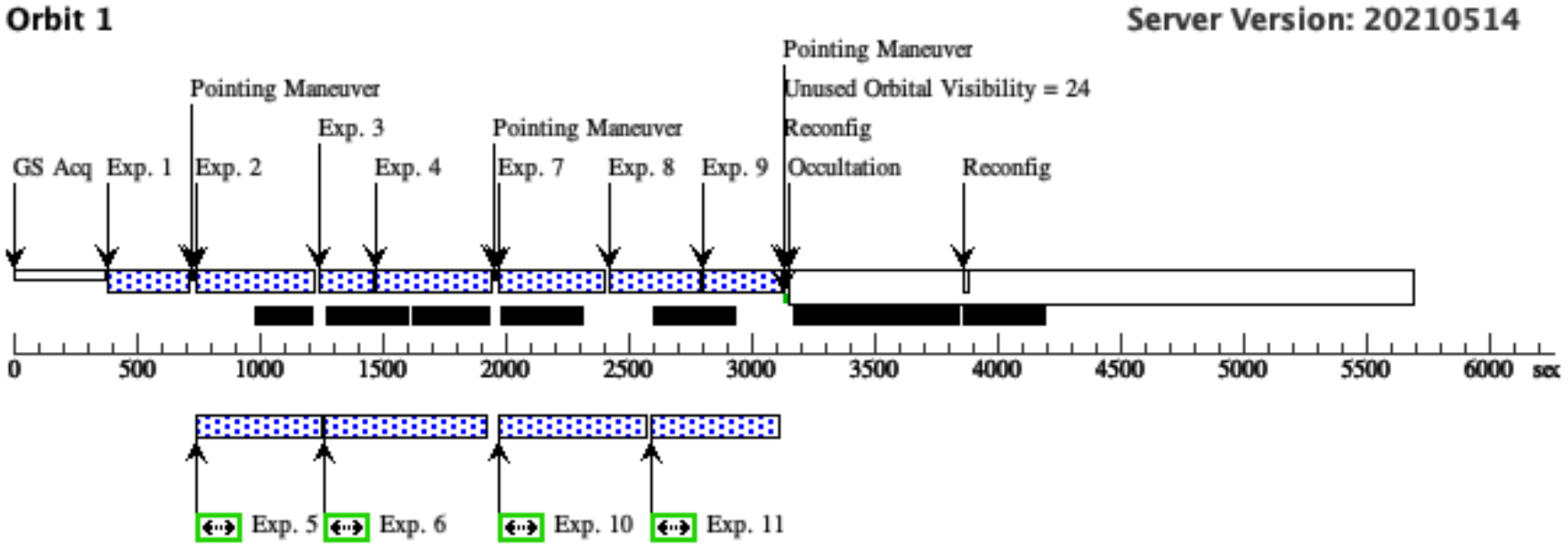
Exposures

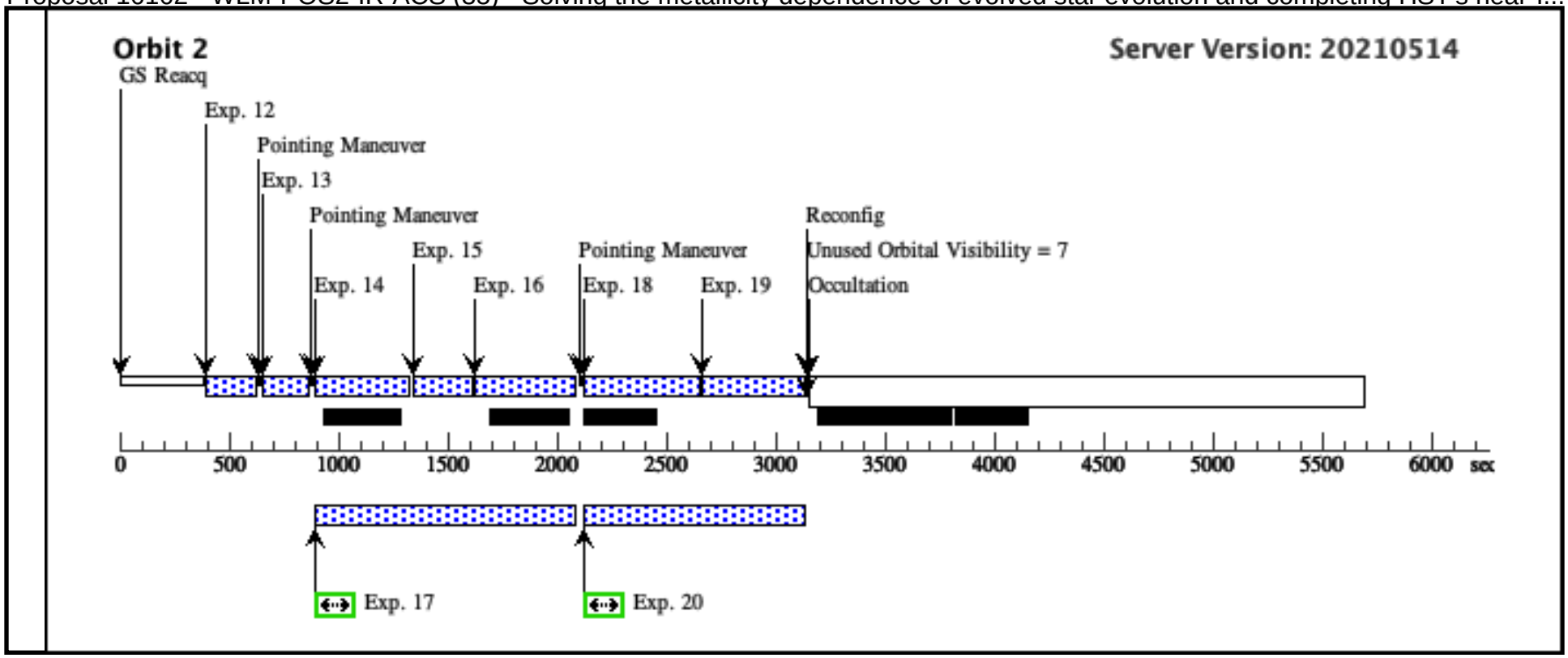
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F127M-dither1	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS100; NSAMP=4		Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35)	302.93326 Secs (302.933 Secs) *[==>]*	*[1]*
2	F139M-dither2	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 2-6 in Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
3	F127M-dither2	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=5	POS TARG 0.451,0.403	Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 2-6 in Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35)	202.934095 Secs (202.934 Secs) *[==>]*	*[1]*
4	F153M-dither2	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.451,0.403	Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 2-6 in Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35)	452.93635 Secs (452.936 Secs) *[==>]*	*[1]*
5	F814W-dither2	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 2-6 in Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35)	300 Secs (300 Secs) *[==>]*	*[1]*
6	F814W-dither2	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 2-6 in Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35)	540 Secs (540 Secs) *[==>]*	*[1]*
7	F139M-dither3	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F139M	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.902,0.806	Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 7-11 in Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35)	402.935899 Secs (402.936 Secs) *[==>]*	*[1]*
8	F153M-dither3	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F153M	SAMP-SEQ=SPARS50; NSAMP=8	POS TARG 0.902,0.806	Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 7-11 in Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35)	352.935448 Secs (352.935 Secs) *[==>]*	*[1]*

9	F127M-dither3	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F127M	SAMP-SEQ=SPARS50; NSAMP=7	POS TARG 0.902,0.806	Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 7-11 in Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35)	302.934997 Secs (302.935 Secs) *[==>]*		***[1]***
10	F814W-dither3	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 7-11 in Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35)	420 Secs (480 Secs) *[==>480.0 Secs]*		***[1]***
11	F814W-dither3	ANY	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 7-11 in Sequence 1-11 Non-Int in WLM-POS2-IR-ACS (35)	340 Secs (400 Secs) *[==>400.0 Secs]*		***[1]***
12	F160W-dither1	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=5	POS TARG 0,0	Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35)	202.934095 Secs (202.934 Secs) *[==>]*		***[2]***
13	F160W-dither2	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS25; NSAMP=8	POS TARG 0.542,0.182	Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35)	177.935896 Secs (177.936 Secs) *[==>]*		***[2]***
14	F160W-dither3	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=9	POS TARG 0.339,0.485	Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 14-17 in Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35)	402.935899 Secs (402.936 Secs) *[==>]*		***[2]***
15	F110W-dither3	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=6	POS TARG 0.339,0.485	Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 14-17 in Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35)	252.934546 Secs (252.935 Secs) *[==>]*		***[2]***
16	F110W-dither3	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG 0.339,0.485	Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 14-17 in Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35)	452.93635 Secs (452.936 Secs) *[==>]*		***[2]***

	17	F606W-dither3	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 14-17 in Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35)	730 Secs (1010 Secs) *[==>1010.0 Secs]*	***[2]***
	18	F110W-dither4	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F110W	SAMP-SEQ=SPARS50; NSAMP=11	POS TARG -0.203,0.303	Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 18-20 in Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35)	502.936801 Secs (502.937 Secs) *[==>]*	***[2]***
	19	F160W-dither4	(23) WLM-POS2	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	SAMP-SEQ=SPARS50; NSAMP=10	POS TARG -0.203,0.303	Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 18-20 in Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35)	452.93635 Secs (452.936 Secs) *[==>]*	***[2]***
	20	F606W-dither4	ANY	ACS/WFC, ACCUM, WFC	F606W			Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35) Prime + Parallel Group 18-20 in Sequence 12-20 Non-Int in WLM-POS2-IR-ACS (35)	680 Secs (891 Secs) *[==>891.0 Secs]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20210514
GS Reacq
Exp. 12
Pointing Maneuver
Exp. 13
Pointing Maneuver
Exp. 14
Exp. 15
Exp. 16
Pointing Maneuver
Exp. 18
Exp. 19
Reconfig
Unused Orbital Visibility = 7
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
sec
Exp. 17
Exp. 20