16737 - Internal Proper Motion Kinematics of Dwarf Spheroidal Galaxies: Constraining the Density and Properties of Dark Matter

Cycle: 29, 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) DRACO-F1 ANY	ACS/WFC WFC3/UVIS	3	19-Sep-2022 11:00:18.0	yes
02	(2) DRACO-F1-90DEG ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:20.0	yes
61	(3) DRACO-F2 ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:21.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
62	(3) DRACO-F2 ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:22.0	yes
63	(3) DRACO-F2 ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:23.0	yes
04	(4) DRACO-F2-90DEG ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:24.0	yes
54	(4) DRACO-F2-90DEG ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:25.0	yes
05	(5) DRACO-F3 ANY	ACS/WFC WFC3/UVIS	3	19-Sep-2022 11:00:27.0	yes
06	(6) DRACO-F3-90DEG ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:29.0	yes
56	(6) DRACO-F3-90DEG ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:30.0	yes
71	(7) SCULPTOR-F1 ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:31.0	yes
72	(7) SCULPTOR-F1 ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:32.0	yes
73	(7) SCULPTOR-F1 ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:33.0	yes
08	(8) SCULPTOR-F1-90DEG ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:33.0	yes
81	(9) SCULPTOR-F2 ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:34.0	yes
82	(9) SCULPTOR-F2 ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:35.0	yes
83	(9) SCULPTOR-F2 ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:36.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
10	(10) SCULPTOR-F2-90DEG ANY	ACS/WFC WFC3/UVIS	1	19-Sep-2022 11:00:37.0	yes

22 Total Orbits Used

ABSTRACT

Determination of the mass density profiles of dwarf galaxies (and specifically whether there is a central core or cusp) provides a critical test of both the properties of dark matter (DM) and the physics of cosmological structure formation. The nearby classical dwarf spheroidal galaxies (dSphs) of the Milky Way yield some of the best dynamical constraints. While large line-of-sight velocity datasets exist (some thousand stars per galaxy), interpretation is hindered by the well-known mass vs. velocity-anisotropy degeneracy of stellar dynamics. This can be resolved with proper motion (PM) measurements that yield 3-D velocity information. This is beyond the reach of Gaia, given the small velocity dispersions of dSphs and the absence of bright stars. HST is the only observatory that can advance this problem, given its combination of photometric depth, high spatial resolution, and long time baselines. We propose to obtain HST imaging of five previously imaged fields in the nearby Draco and Sculptor dSphs, to obtain high-accuracy PMs for thousands of stars in these galaxies. This provides a direct determination of their velocity anisotropy profiles, and combined with dynamical models, tightly constrains the slopes of their DM density profiles. The results will give unique constraints on both the nature of DM, and the physical mechanisms that shape DM density profiles in galaxies. No comparable measurements exist to date. The proposed program therefore shows how HST can still be used, after 30 years in orbit, to tackle unanswered fundamental questions in astrophysics.

OBSERVING DESCRIPTION

The primary goal of this program is to measure the internal proper motion kinematics of the two dwarf spheroidal galaxies Draco and Sculptor using multi-epoch HST imaging data. We will target 5 fields in total, 3 in Draco and 2 in Sculptor. Each target field will be observed for four orbits - three orbits will have the same telescope orientation as the older epoch observations, while the remaining one orbit will be observed with orientation rotated by an angle of 90 deg. The 90deg-rotated observations are for quantifying and correcting residual CTE effects. These telescope orientation conditions are added as special requirements for each visit.

Visit

Proposal 16737, DRACO-F1 (01), implementation Mon Sep 19 15:00:37 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 55.88D TO 55.88 D

Comments: This 3-orbit visit is for imaging the DRACO-F1 field. We will image both the primary ACS/WFC and parallel WFC3/UVIS fields using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	DRACO-F1	RA: 17 20 52.4488 (260.2185367d) Dec: +57 55 15.36 (57.92093d) Equinox: J2000		V=10.9+/-0.1	Reference Frame: ICRS

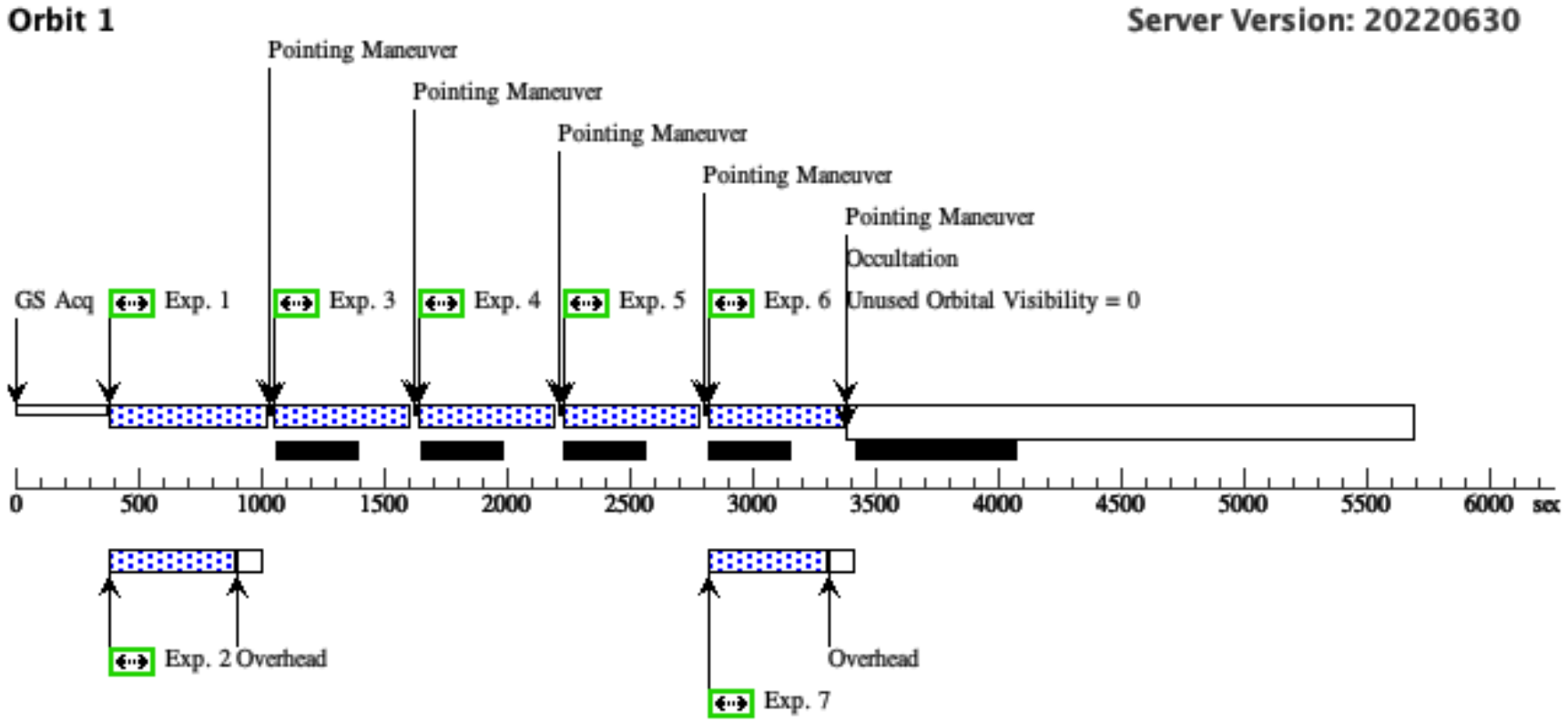
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

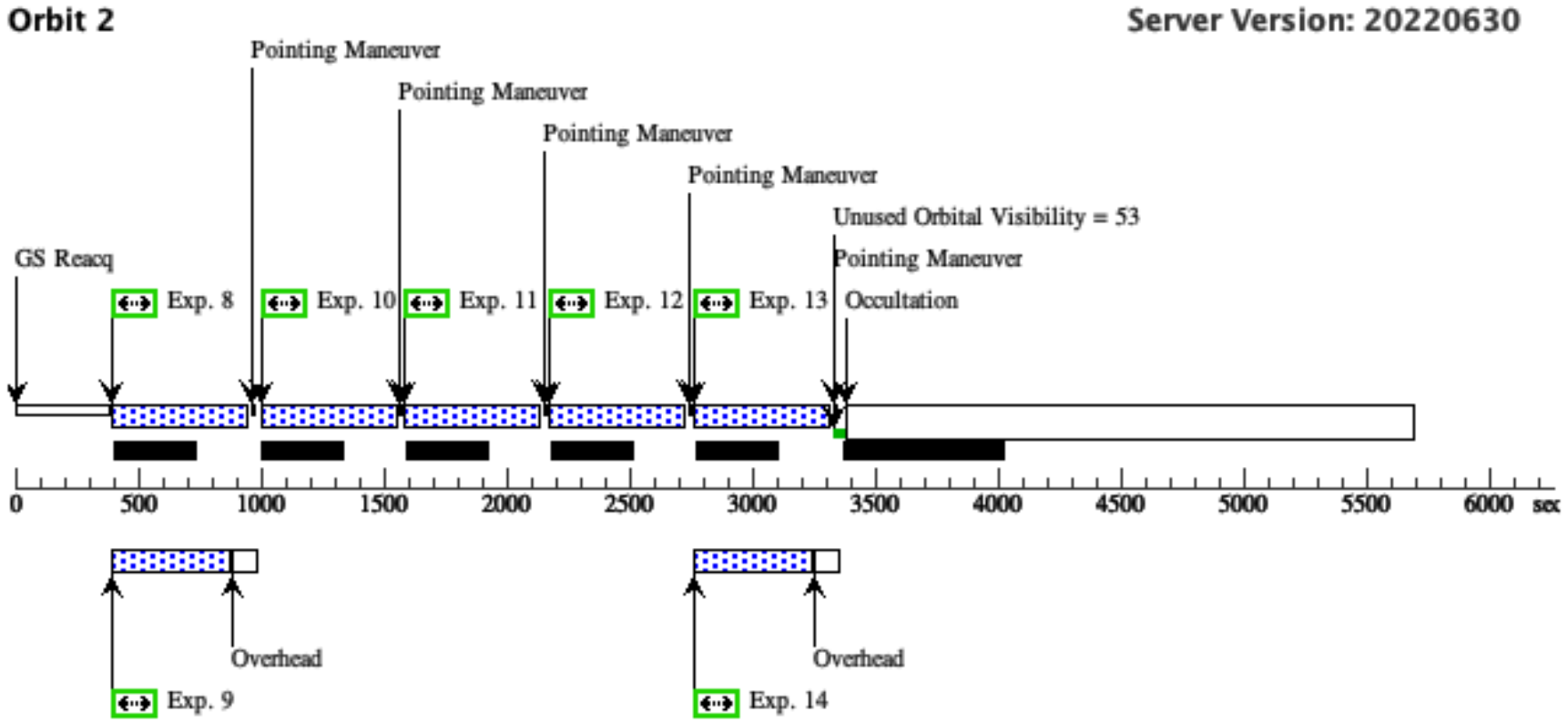
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0000,0.0000	Sequence 1-7 Non-Int in DRACO-F1 (01) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F1 (01)	430 Secs (430 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F1 (01) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F1 (01)	480 Secs (480 Secs) *[==>]*	***[1]***
3		(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.2228,0.1158	Sequence 1-7 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[1]***
4		(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0998,0.2303	Sequence 1-7 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[1]***
5		(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.3225,0.3460	Sequence 1-7 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[1]***
6		(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.4075,0.0306	Sequence 1-7 Non-Int in DRACO-F1 (01) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[1]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F1 (01) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F1 (01)	480 Secs (480 Secs) *[==>]*	***[1]***
8		(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.6304,0.1464	Sequence 8-14 Non-Int in DRACO-F1 (01) Prime + Parallel Group 8-9 in Sequence 8-14 Non-Int in DRACO-F1 (01)	430 Secs (430 Secs) *[==>]*	***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 8-14 Non-Int in DRACO-F1 (01) Prime + Parallel Group 8-9 in Sequence 8-14 Non-Int in DRACO-F1 (01)	480 Secs (480 Secs) *[==>]*	***[2]***
10		(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.5073,0.2609	Sequence 8-14 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[2]***
11		(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.7302,0.3767	Sequence 8-14 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[2]***
12		(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0018,0.4085	Sequence 8-14 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[2]***

	13	(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.2246,0.5243	Sequence 8-14 Non-Int in DRACO-F1 (01) Prime + Parallel Group 13-14 in Sequence 8-14 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[2]***
	14	ANY	WFC3/UVIS, ACCUM, UVIS	F606W		Sequence 8-14 Non-Int in DRACO-F1 (01) Prime + Parallel Group 13-14 in Sequence 8-14 Non-Int in DRACO-F1 (01)	480 Secs (480 Secs) *[==>]*	***[2]***
	15	(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.1017,0.6388	Sequence 15-21 Non-Int in DRACO-F1 (01) Prime + Parallel Group 15-16 in Sequence 15-21 Non-Int in DRACO-F1 (01)	430 Secs (430 Secs) *[==>]*	***[3]***
	16	ANY	WFC3/UVIS, ACCUM, UVIS	F606W		Sequence 15-21 Non-Int in DRACO-F1 (01) Prime + Parallel Group 15-16 in Sequence 15-21 Non-Int in DRACO-F1 (01)	480 Secs (480 Secs) *[==>]*	***[3]***
	17	(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.3244,0.7545	Sequence 15-21 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[3]***
	18	(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.4093,0.4392	Sequence 15-21 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[3]***
	19	(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.6322,0.5550	Sequence 15-21 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[3]***
	20	(1) DRACO-F1	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.5091,0.6695	Sequence 15-21 Non-Int in DRACO-F1 (01) Prime + Parallel Group 20-21 in Sequence 15-21 Non-Int in DRACO-F1 (01)	431 Secs (431 Secs) *[==>]*	***[3]***
	21	ANY	WFC3/UVIS, ACCUM, UVIS	F606W		Sequence 15-21 Non-Int in DRACO-F1 (01) Prime + Parallel Group 20-21 in Sequence 15-21 Non-Int in DRACO-F1 (01)	480 Secs (480 Secs) *[==>]*	***[3]***

Orbit Structure

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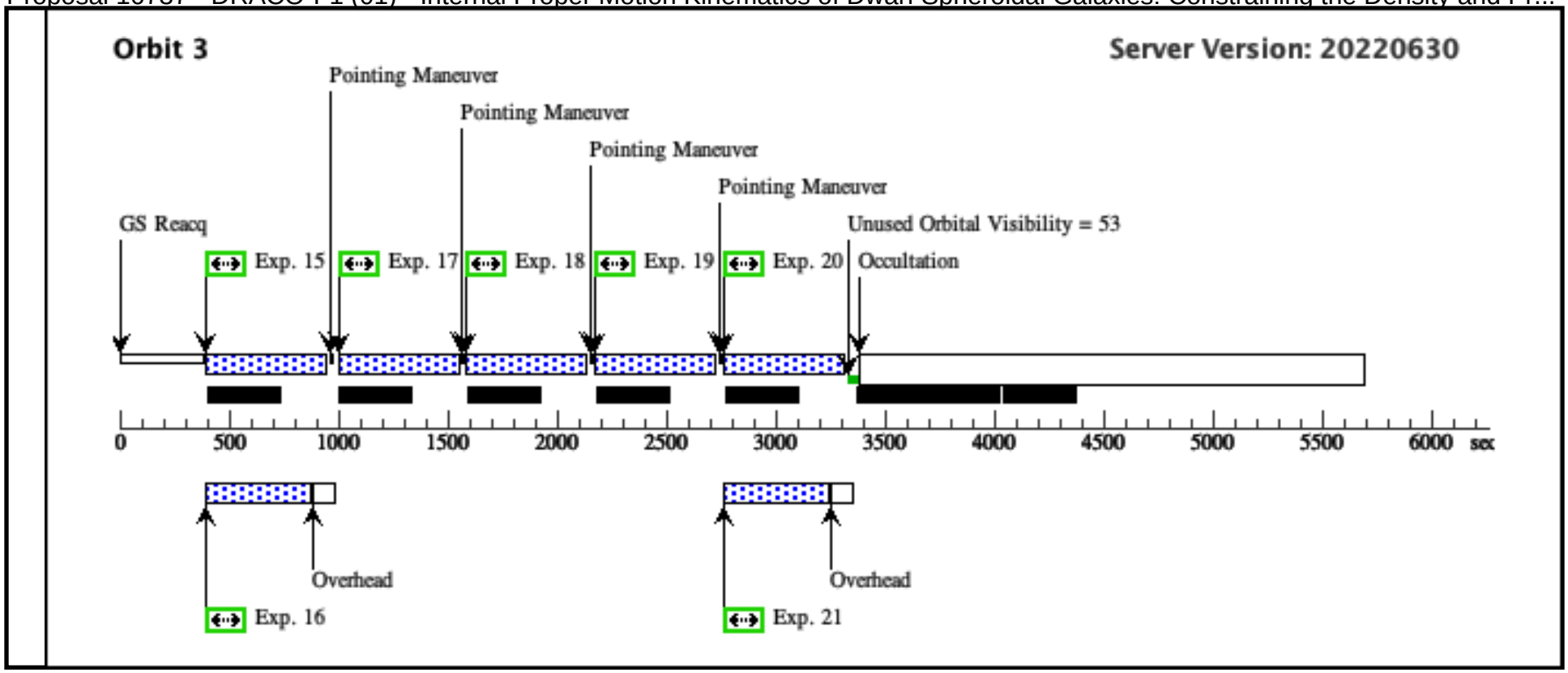
Orbit 3
Server Version: 20220630
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Pointing Maneuver
GS Reacq
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Exp. 20
Occultation
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1500
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3000
3500
4000
4500
5000
5500
6000
sec
Overhead
Exp. 16
Overhead
Exp. 21

Visit

Proposal 16737, DRACO-F1-90DEG (02), completed Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 145.88D TO 145.88 D

Comments: This single-orbit visit is for imaging the DRACO-F1-90DEG field. We will image both the primary ACS/WFC and parallel WFC3/UVIS fields using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

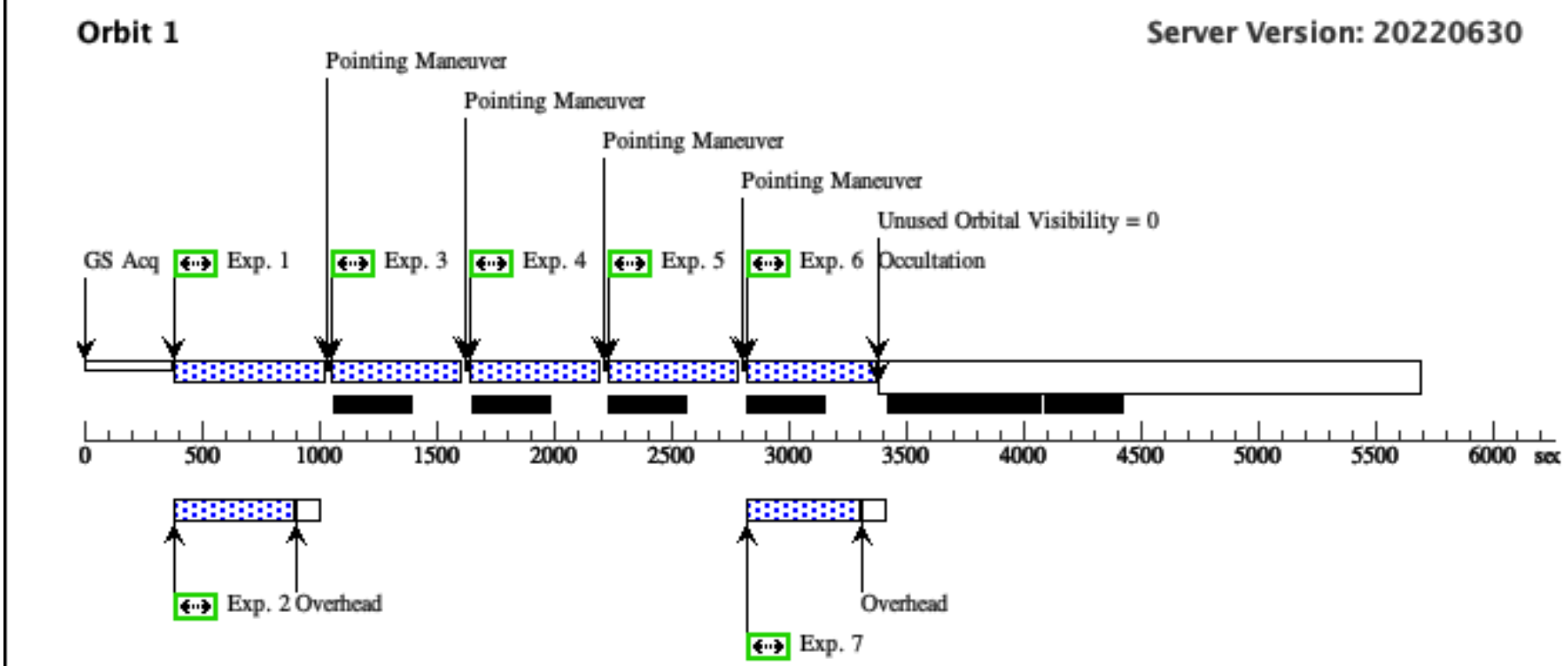
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	DRACO-F1-90DEG	RA: 17 20 51.0984 (260.2129100d) Dec: +57 54 0.28 (57.90008d) Equinox: J2000		V=10.9+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) DRACO-F1-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0000,0.0000	Sequence 1-7 Non-Int in DRACO-F1-90DEG (02) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F1-90DEG (02)	430 Secs (430 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F1-90DEG (02) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F1-90DEG (02)	480 Secs (480 Secs) *[==>]*	***[1]***
3		(2) DRACO-F1-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.1647,0.0124	Sequence 1-7 Non-Int in DRACO-F1-90DEG (02)	431 Secs (431 Secs) *[==>]*	***[1]***
4		(2) DRACO-F1-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.3293,0.0248	Sequence 1-7 Non-Int in DRACO-F1-90DEG (02)	431 Secs (431 Secs) *[==>]*	***[1]***
5		(2) DRACO-F1-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0747,0.1294	Sequence 1-7 Non-Int in DRACO-F1-90DEG (02)	431 Secs (431 Secs) *[==>]*	***[1]***
6		(2) DRACO-F1-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.2393,0.1418	Sequence 1-7 Non-Int in DRACO-F1-90DEG (02) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F1-90DEG (02)	431 Secs (431 Secs) *[==>]*	***[1]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F1-90DEG (02) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F1-90DEG (02)	480 Secs (480 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, DRACO-F2-1 (61) Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 48.14D TO 48.14 D; GROUP 61,62,63 WITHIN 30D

Comments: This is a single-orbit visit is for imaging the DRACO-F2 field. We will image both the primary ACS/WFC and parallel WFC3/UVIS fields using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

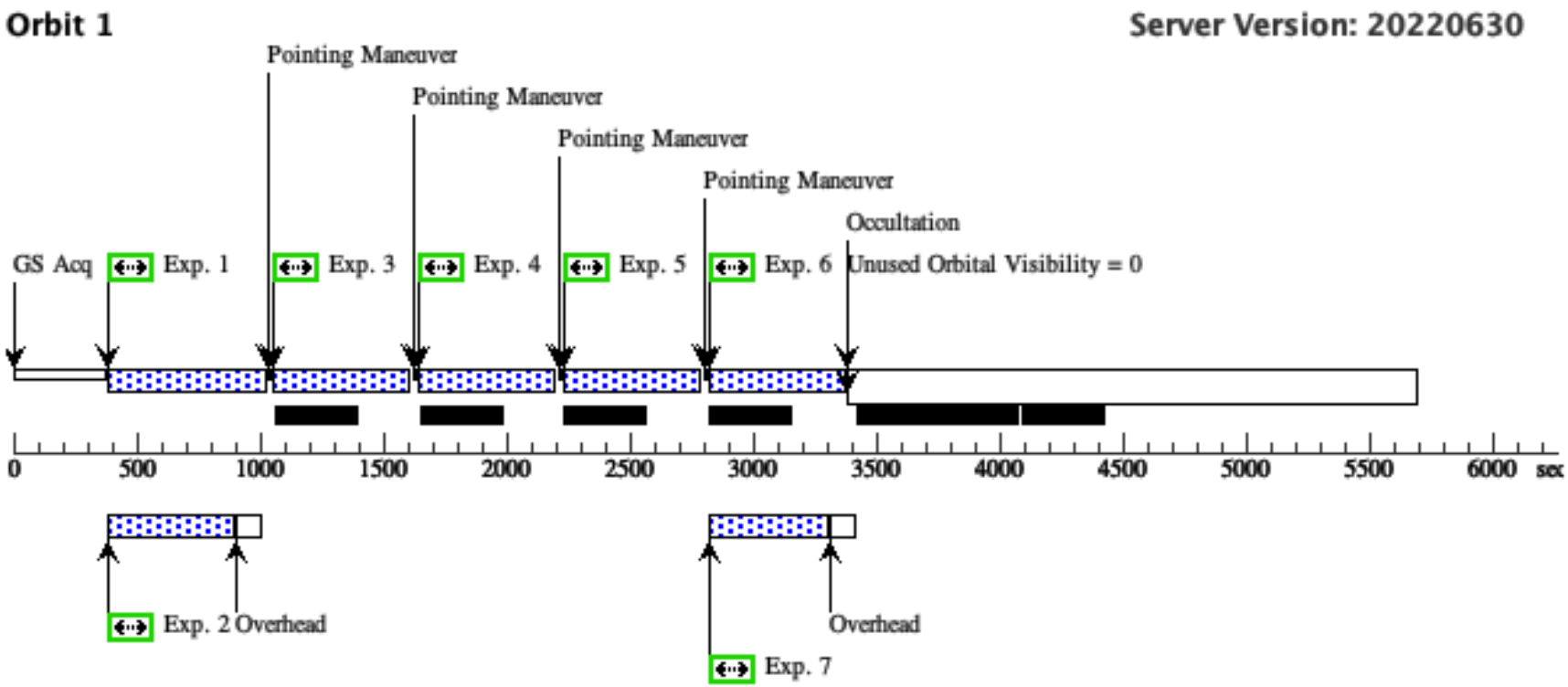
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	DRACO-F2	RA: 17 21 48.3767 (260.4515696d) Dec: +57 58 7.39 (57.96872d) Equinox: J2000		V=10.9+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0000,0.0000	Sequence 1-7 Non-Int in DRACO-F2-1 (61) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F2-1 (61)	430 Secs (430 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F2-1 (61) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F2-1 (61)	480 Secs (480 Secs) *[==>]*	***[1]***
3		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.2228,0.1158	Sequence 1-7 Non-Int in DRACO-F2-1 (61)	431 Secs (431 Secs) *[==>]*	***[1]***
4		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0998,0.2303	Sequence 1-7 Non-Int in DRACO-F2-1 (61)	431 Secs (431 Secs) *[==>]*	***[1]***
5		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.3225,0.3460	Sequence 1-7 Non-Int in DRACO-F2-1 (61)	431 Secs (431 Secs) *[==>]*	***[1]***
6		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.4075,0.0306	Sequence 1-7 Non-Int in DRACO-F2-1 (61) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F2-1 (61)	431 Secs (431 Secs) *[==>]*	***[1]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F2-1 (61) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F2-1 (61)	480 Secs (480 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, DRACO-F2-2 (62) Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 48.14D TO 48.14 D; GROUP 62,61,63 WITHIN 30D

Comments: This is a single-orbit visit is for imaging the DRACO-F2 field. We will image both the primary ACS/WFC and parallel WFC3/UVIS fields using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

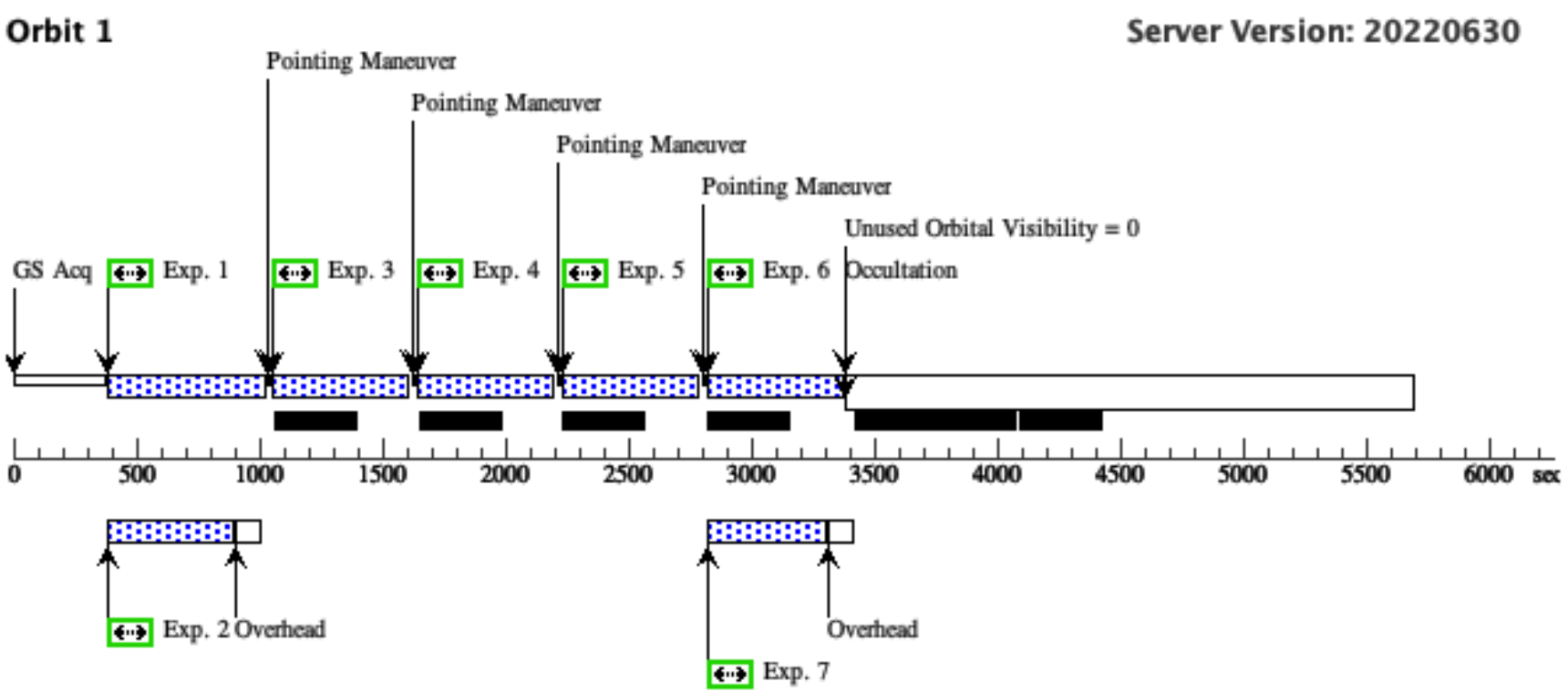
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	DRACO-F2	RA: 17 21 48.3767 (260.4515696d) Dec: +57 58 7.39 (57.96872d) Equinox: J2000		V=10.9+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.6304,0.1464	Sequence 1-7 Non-Int in DRACO-F2-2 (62) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F2-2 (62)	430 Secs (430 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F2-2 (62) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F2-2 (62)	480 Secs (480 Secs) *[==>]*	***[1]***
3		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.5073,0.2609	Sequence 1-7 Non-Int in DRACO-F2-2 (62)	431 Secs (431 Secs) *[==>]*	***[1]***
4		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.7302,0.3767	Sequence 1-7 Non-Int in DRACO-F2-2 (62)	431 Secs (431 Secs) *[==>]*	***[1]***
5		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0018,0.4085	Sequence 1-7 Non-Int in DRACO-F2-2 (62)	431 Secs (431 Secs) *[==>]*	***[1]***
6		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.2246,0.5243	Sequence 1-7 Non-Int in DRACO-F2-2 (62) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F2-2 (62)	431 Secs (431 Secs) *[==>]*	***[1]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F2-2 (62) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F2-2 (62)	480 Secs (480 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, DRACO-F2-3 (63) Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 48.14D TO 48.14 D; GROUP 63,61,62 WITHIN 30D

Comments: This a single-orbit visit is for imaging the DRACO-F2 field. We will image both the primary ACS/WFC and parallel WFC3/UVIS fields using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

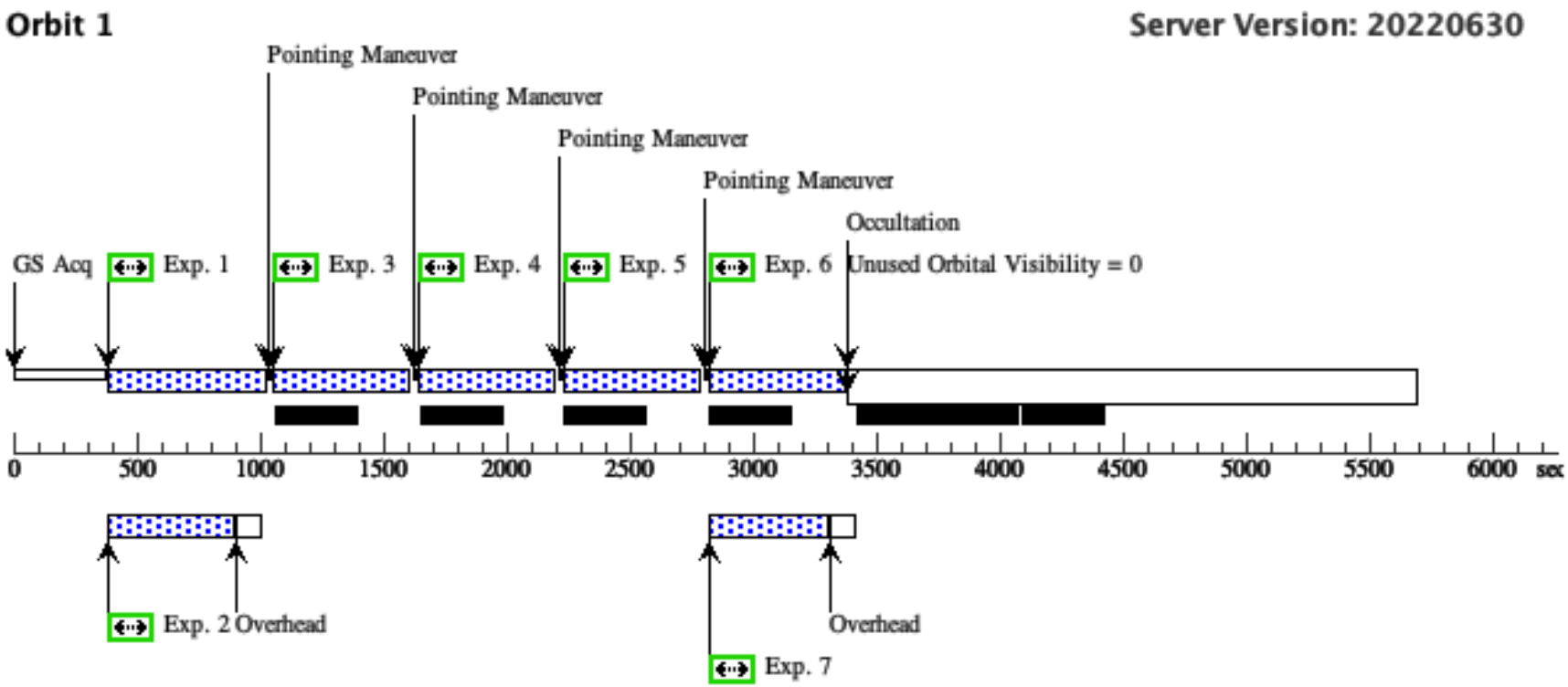
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	DRACO-F2	RA: 17 21 48.3767 (260.4515696d) Dec: +57 58 7.39 (57.96872d) Equinox: J2000		V=10.9+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.1017,0.6388	Sequence 1-7 Non-Int in DRACO-F2-3 (63) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F2-3 (63)	430 Secs (430 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F2-3 (63) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F2-3 (63)	480 Secs (480 Secs) *[==>]*	***[1]***
3		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.3244,0.7545	Sequence 1-7 Non-Int in DRACO-F2-3 (63)	431 Secs (431 Secs) *[==>]*	***[1]***
4		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.4093,0.4392	Sequence 1-7 Non-Int in DRACO-F2-3 (63)	431 Secs (431 Secs) *[==>]*	***[1]***
5		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.6322,0.5550	Sequence 1-7 Non-Int in DRACO-F2-3 (63)	431 Secs (431 Secs) *[==>]*	***[1]***
6		(3) DRACO-F2	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.5091,0.6695	Sequence 1-7 Non-Int in DRACO-F2-3 (63) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F2-3 (63)	431 Secs (431 Secs) *[==>]*	***[1]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F2-3 (63) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F2-3 (63)	480 Secs (480 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, DRACO-F2-90DEG (04), failed Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 133.71D TO 133.71 D

Comments: This single-orbit visit is for imaging the DRACO-F2-90DEG field. We will image both the primary ACS/WFC and parallel WFC3/UVIS fields using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

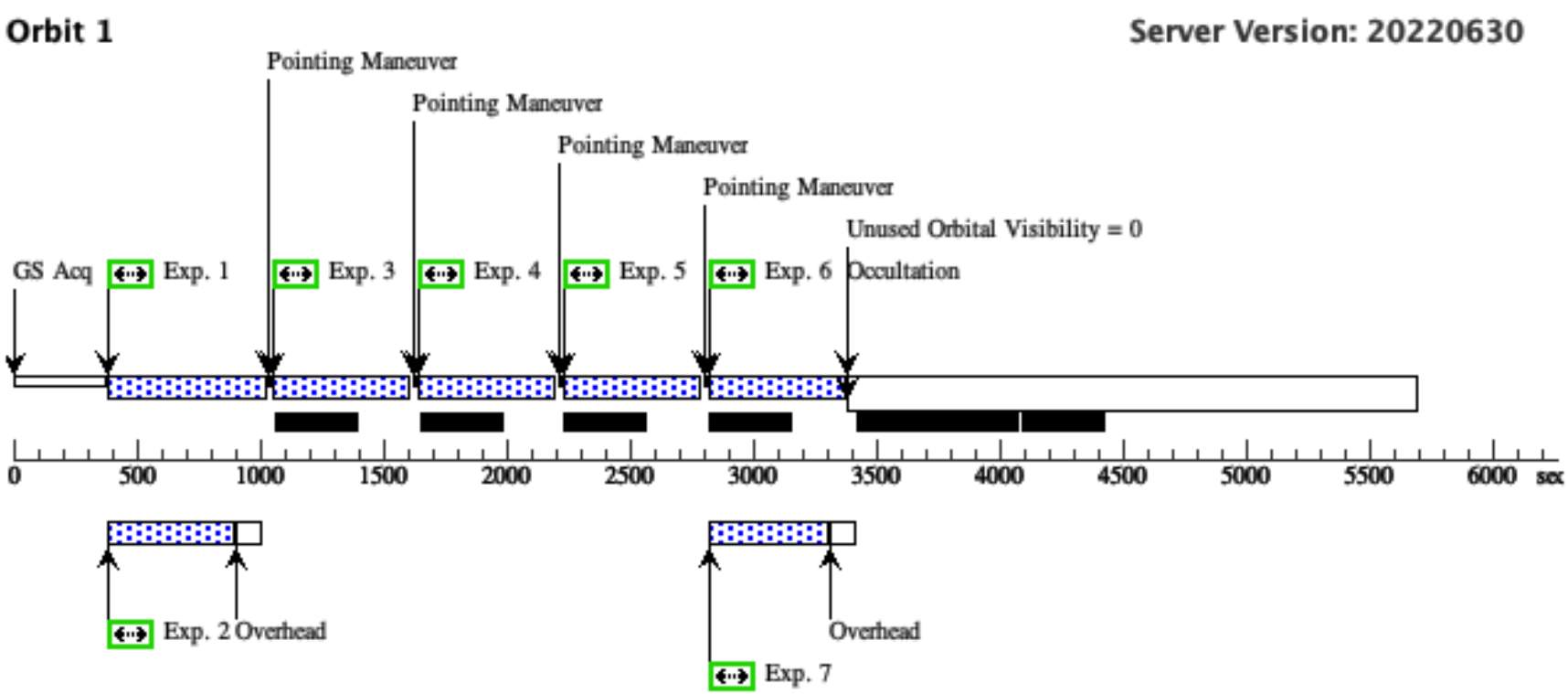
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	DRACO-F2-90DEG	RA: 17 21 49.2058 (260.4550242d) Dec: +57 56 51.44 (57.94762d) Equinox: J2000		V=10.9+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) DRACO-F2-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0000,0.0000	Sequence 1-7 Non-Int in DRACO-F2-90DEG (04) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F2-90DEG (04)	430 Secs (430 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F2-90DEG (04) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F2-90DEG (04)	480 Secs (480 Secs) *[==>]*	***[1]***
3		(4) DRACO-F2-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.1647,0.0124	Sequence 1-7 Non-Int in DRACO-F2-90DEG (04)	431 Secs (431 Secs) *[==>]*	***[1]***
4		(4) DRACO-F2-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.3293,0.0248	Sequence 1-7 Non-Int in DRACO-F2-90DEG (04)	431 Secs (431 Secs) *[==>]*	***[1]***
5		(4) DRACO-F2-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0747,0.1294	Sequence 1-7 Non-Int in DRACO-F2-90DEG (04)	431 Secs (431 Secs) *[==>]*	***[1]***
6		(4) DRACO-F2-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.2393,0.1418	Sequence 1-7 Non-Int in DRACO-F2-90DEG (04) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F2-90DEG (04)	431 Secs (431 Secs) *[==>]*	***[1]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F2-90DEG (04) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F2-90DEG (04)	480 Secs (480 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, DRACO-F2-90DEG (54), implementation Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 133.71D TO 133.71 D

Comments: This single-orbit visit is for imaging the DRACO-F2-90DEG field. We will image both the primary ACS/WFC and parallel WFC3/UVIS fields using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

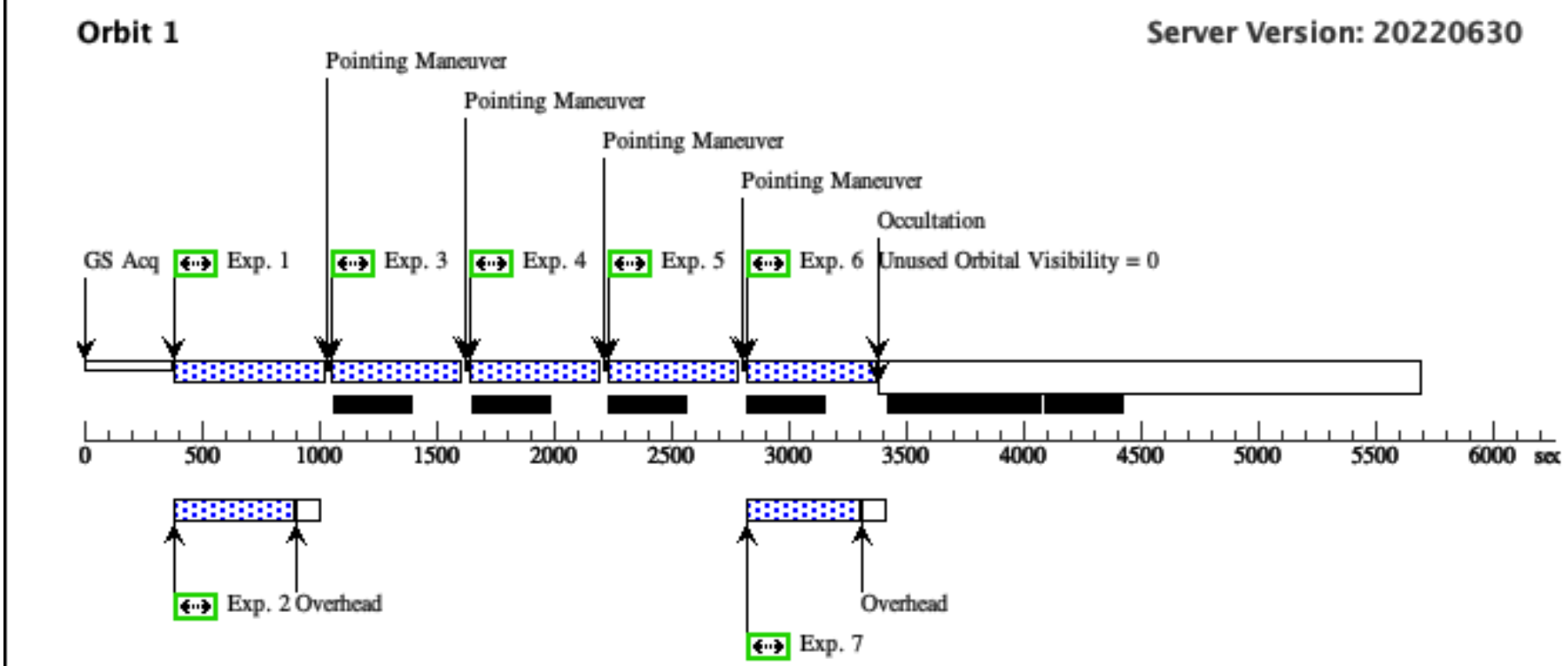
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	DRACO-F2-90DEG	RA: 17 21 49.2058 (260.4550242d) Dec: +57 56 51.44 (57.94762d) Equinox: J2000		V=10.9+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) DRACO-F2-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0000,0.0000	Sequence 1-7 Non-Int in DRACO-F2-90DEG (54) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F2-90DEG (54)	430 Secs (430 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F2-90DEG (54) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F2-90DEG (54)	480 Secs (480 Secs) *[==>]*	***[1]***
3		(4) DRACO-F2-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.1647,0.0124	Sequence 1-7 Non-Int in DRACO-F2-90DEG (54)	431 Secs (431 Secs) *[==>]*	***[1]***
4		(4) DRACO-F2-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.3293,0.0248	Sequence 1-7 Non-Int in DRACO-F2-90DEG (54)	431 Secs (431 Secs) *[==>]*	***[1]***
5		(4) DRACO-F2-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0747,0.1294	Sequence 1-7 Non-Int in DRACO-F2-90DEG (54)	431 Secs (431 Secs) *[==>]*	***[1]***
6		(4) DRACO-F2-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.2393,0.1418	Sequence 1-7 Non-Int in DRACO-F2-90DEG (54) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F2-90DEG (54)	431 Secs (431 Secs) *[==>]*	***[1]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F2-90DEG (54) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F2-90DEG (54)	480 Secs (480 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, DRACO-F3 (05), implementation Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 44.17D TO 44.17 D

Comments: This 3-orbit visit is for imaging the DRACO-F3 field. We will image both the primary ACS/WFC and parallel WFC3/UVIS fields using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	DRACO-F3	RA: 17 19 34.7468 (259.8947783d) Dec: +57 58 49.68 (57.98047d) Equinox: J2000		V=10.9+/-0.1	Reference Frame: ICRS

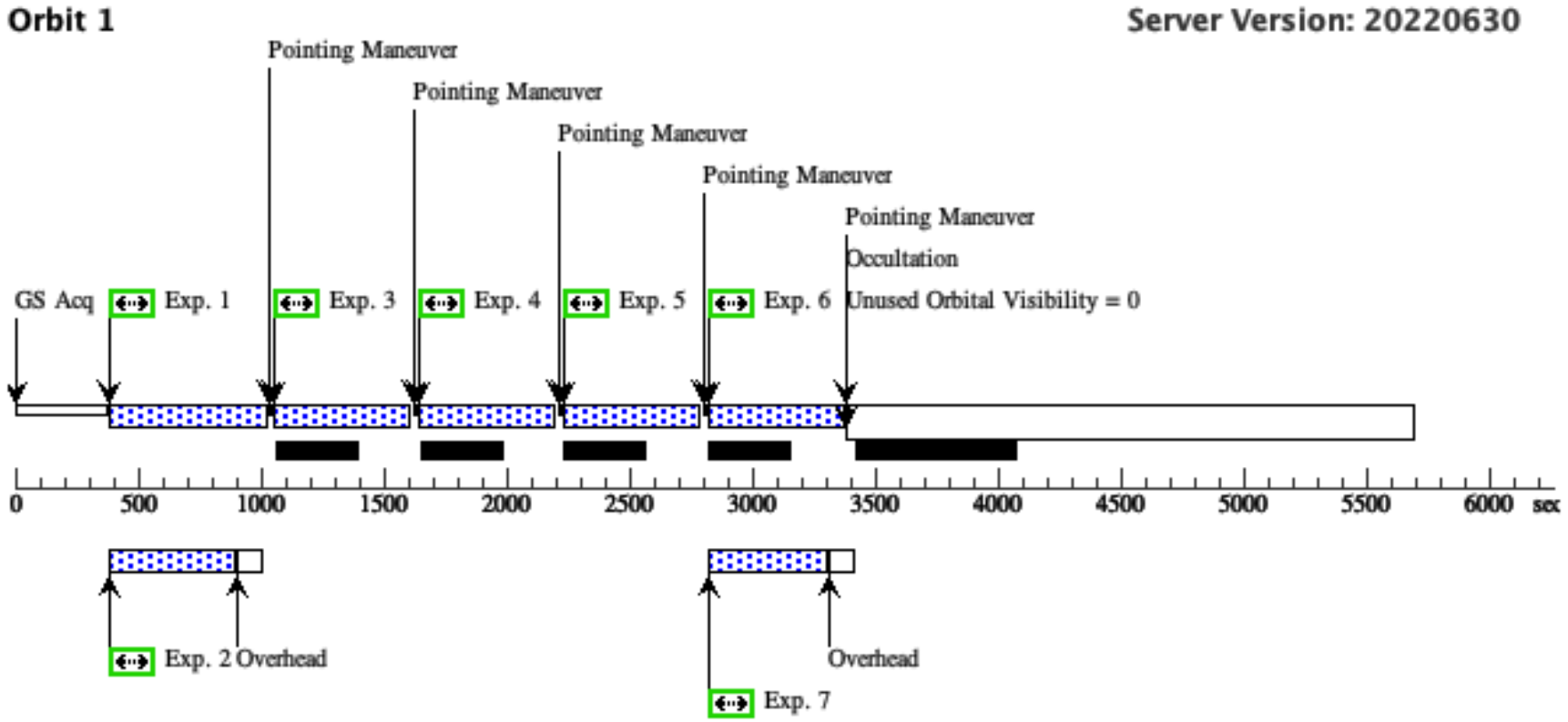
Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

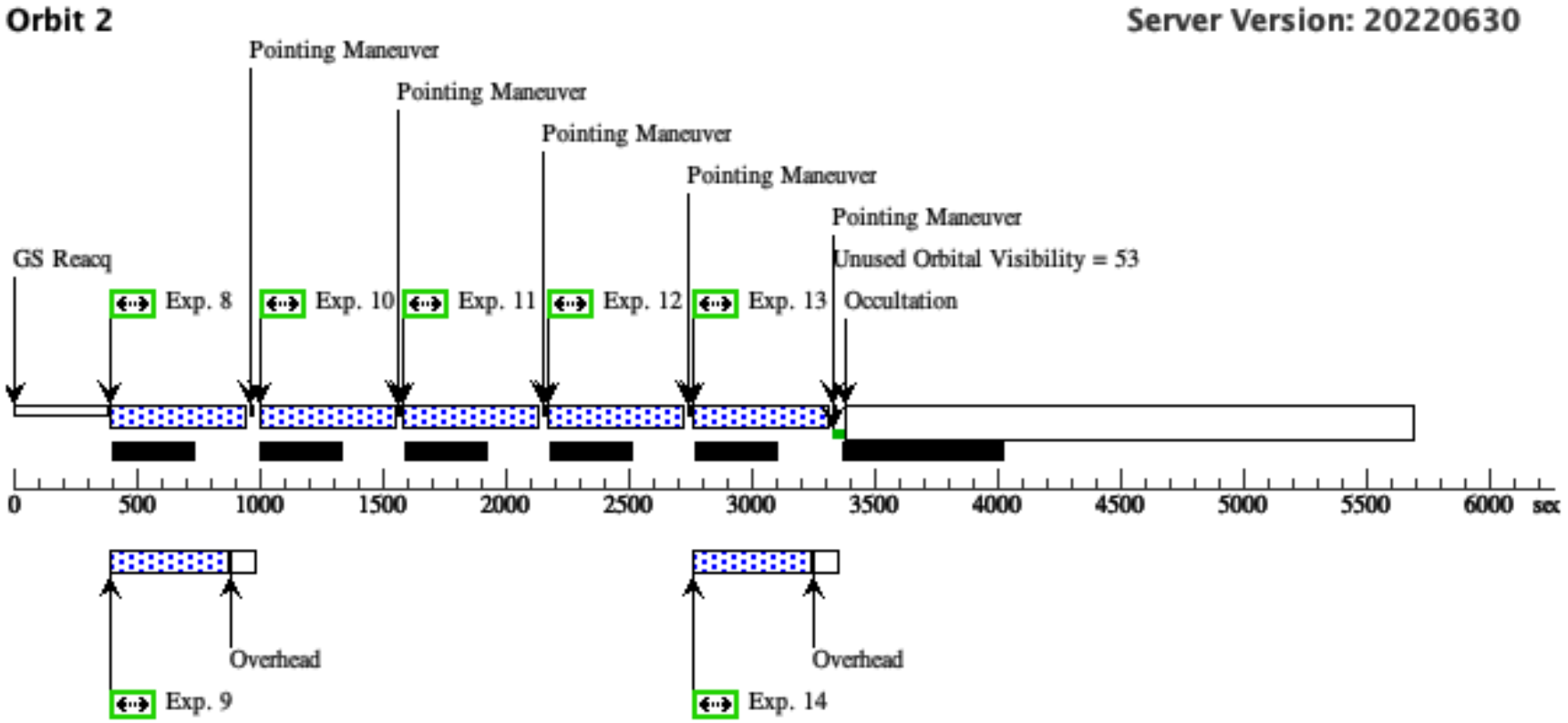
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0000,0.0000	Sequence 1-7 Non-Int in DRACO-F3 (05) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F3 (05)	430 Secs (430 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F3 (05) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F3 (05)	480 Secs (480 Secs) *[==>]*	***[1]***
3		(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.2228,0.1158	Sequence 1-7 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[1]***
4		(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0998,0.2303	Sequence 1-7 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[1]***
5		(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.3225,0.3460	Sequence 1-7 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[1]***
6		(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.4075,0.0306	Sequence 1-7 Non-Int in DRACO-F3 (05) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[1]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F3 (05) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F3 (05)	480 Secs (480 Secs) *[==>]*	***[1]***
8		(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.6304,0.1464	Sequence 8-14 Non-Int in DRACO-F3 (05) Prime + Parallel Group 8-9 in Sequence 8-14 Non-Int in DRACO-F3 (05)	430 Secs (430 Secs) *[==>]*	***[2]***
9		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 8-14 Non-Int in DRACO-F3 (05) Prime + Parallel Group 8-9 in Sequence 8-14 Non-Int in DRACO-F3 (05)	480 Secs (480 Secs) *[==>]*	***[2]***
10		(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.5073,0.2609	Sequence 8-14 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[2]***
11		(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.7302,0.3767	Sequence 8-14 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[2]***
12		(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0018,0.4085	Sequence 8-14 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[2]***

	13	(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.2246,0.5243	Sequence 8-14 Non-Int in DRACO-F3 (05) Prime + Parallel Group 13-14 in Sequence 8-14 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[2]***
	14	ANY	WFC3/UVIS, ACCUM, UVIS	F606W		Sequence 8-14 Non-Int in DRACO-F3 (05) Prime + Parallel Group 13-14 in Sequence 8-14 Non-Int in DRACO-F3 (05)	480 Secs (480 Secs) *[==>]*	***[2]***
	15	(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.1017,0.6388	Sequence 15-21 Non-Int in DRACO-F3 (05) Prime + Parallel Group 15-16 in Sequence 15-21 Non-Int in DRACO-F3 (05)	430 Secs (430 Secs) *[==>]*	***[3]***
	16	ANY	WFC3/UVIS, ACCUM, UVIS	F606W		Sequence 15-21 Non-Int in DRACO-F3 (05) Prime + Parallel Group 15-16 in Sequence 15-21 Non-Int in DRACO-F3 (05)	480 Secs (480 Secs) *[==>]*	***[3]***
	17	(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.3244,0.7545	Sequence 15-21 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[3]***
	18	(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.4093,0.4392	Sequence 15-21 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[3]***
	19	(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.6322,0.5550	Sequence 15-21 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[3]***
	20	(5) DRACO-F3	ACS/WFC, ACCUM, WFC1	F606W	POS TARG 0.5091,0.6695	Sequence 15-21 Non-Int in DRACO-F3 (05) Prime + Parallel Group 20-21 in Sequence 15-21 Non-Int in DRACO-F3 (05)	431 Secs (431 Secs) *[==>]*	***[3]***
	21	ANY	WFC3/UVIS, ACCUM, UVIS	F606W		Sequence 15-21 Non-Int in DRACO-F3 (05) Prime + Parallel Group 20-21 in Sequence 15-21 Non-Int in DRACO-F3 (05)	480 Secs (480 Secs) *[==>]*	***[3]***

Orbit Structure

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GS Reacq
Unused Orbital Visibility = 53
Exp. 8
Exp. 10
Exp. 11
Exp. 12
Exp. 13
Occultation
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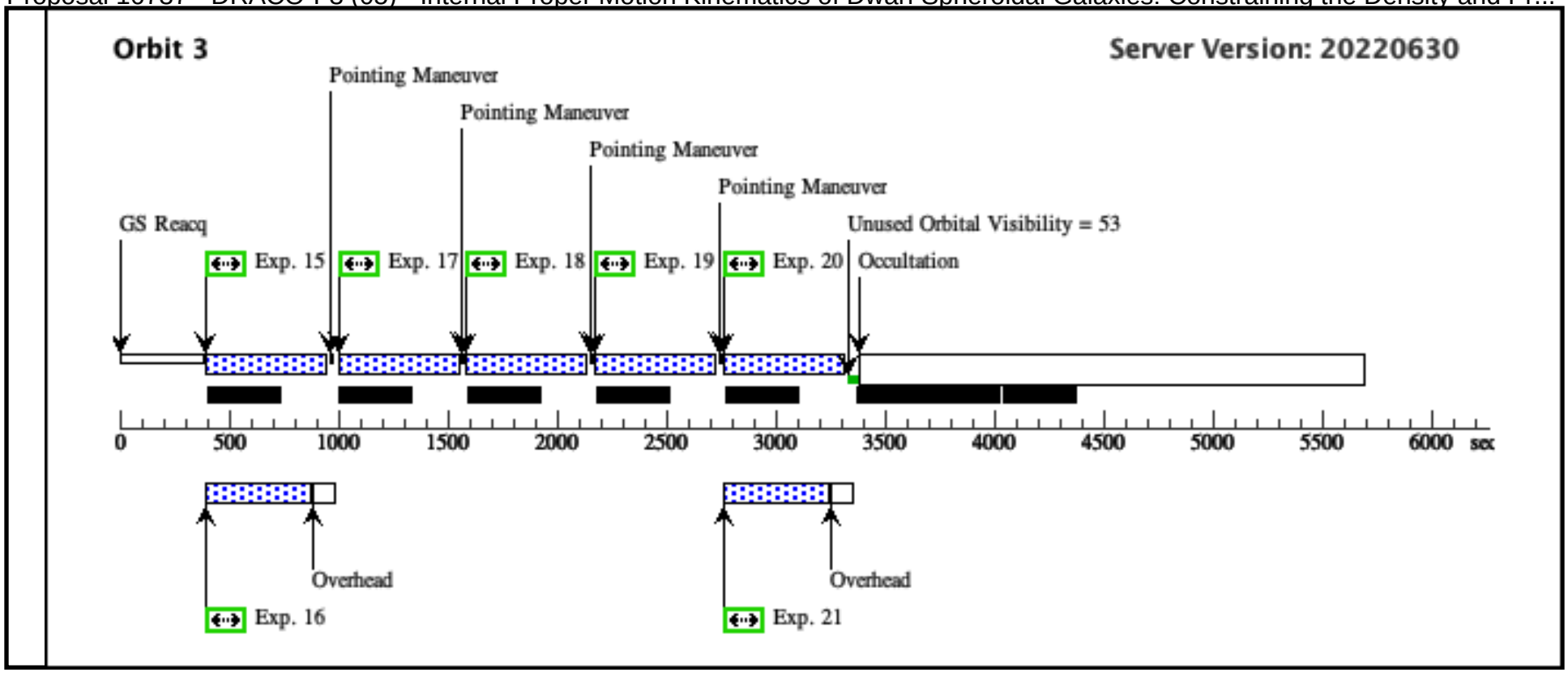
6000
sec
Overhead
Exp. 9
Overhead
Exp. 14


Orbit 3
Server Version: 20220630
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Reacq
Exp. 15
Exp. 17
Exp. 18
Exp. 19
Exp. 20
Unused Orbital Visibility = 53
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
sec
Overhead
Exp. 16
Overhead
Exp. 21

Visit

Proposal 16737, DRACO-F3-90DEG (06), failed Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 134.17D TO 134.17 D

Comments: This single-orbit visit is for imaging the DRACO-F3-90DEG field. We will image both the primary ACS/WFC and parallel WFC3/UVIS fields using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

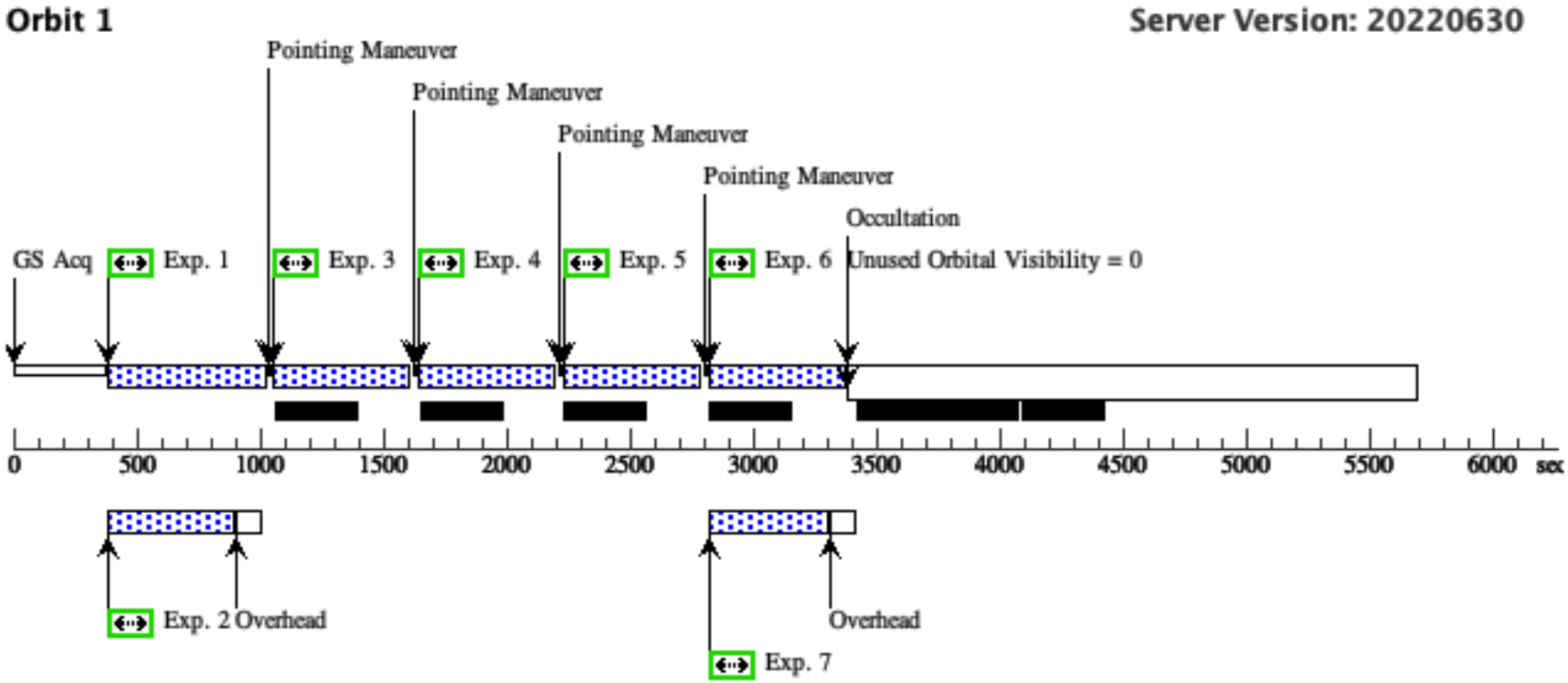
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	DRACO-F3-90DEG	RA: 17 19 35.4084 (259.8975350d) Dec: +57 57 34.87 (57.95969d) Equinox: J2000		V=10.9+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) DRACO-F3-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0000,0.0000	Sequence 1-7 Non-Int in DRACO-F3-90DEG (06) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F3-90DEG (06)	430 Secs (430 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F3-90DEG (06) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F3-90DEG (06)	480 Secs (480 Secs) *[==>]*	***[1]***
3		(6) DRACO-F3-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.1647,0.0124	Sequence 1-7 Non-Int in DRACO-F3-90DEG (06)	431 Secs (431 Secs) *[==>]*	***[1]***
4		(6) DRACO-F3-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.3293,0.0248	Sequence 1-7 Non-Int in DRACO-F3-90DEG (06)	431 Secs (431 Secs) *[==>]*	***[1]***
5		(6) DRACO-F3-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0747,0.1294	Sequence 1-7 Non-Int in DRACO-F3-90DEG (06)	431 Secs (431 Secs) *[==>]*	***[1]***
6		(6) DRACO-F3-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.2393,0.1418	Sequence 1-7 Non-Int in DRACO-F3-90DEG (06) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F3-90DEG (06)	431 Secs (431 Secs) *[==>]*	***[1]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F3-90DEG (06) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F3-90DEG (06)	480 Secs (480 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, DRACO-F3-90DEG (56), implementation Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 134.17D TO 134.17 D

Comments: This single-orbit visit is for imaging the DRACO-F3-90DEG field. We will image both the primary ACS/WFC and parallel WFC3/UVIS fields using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

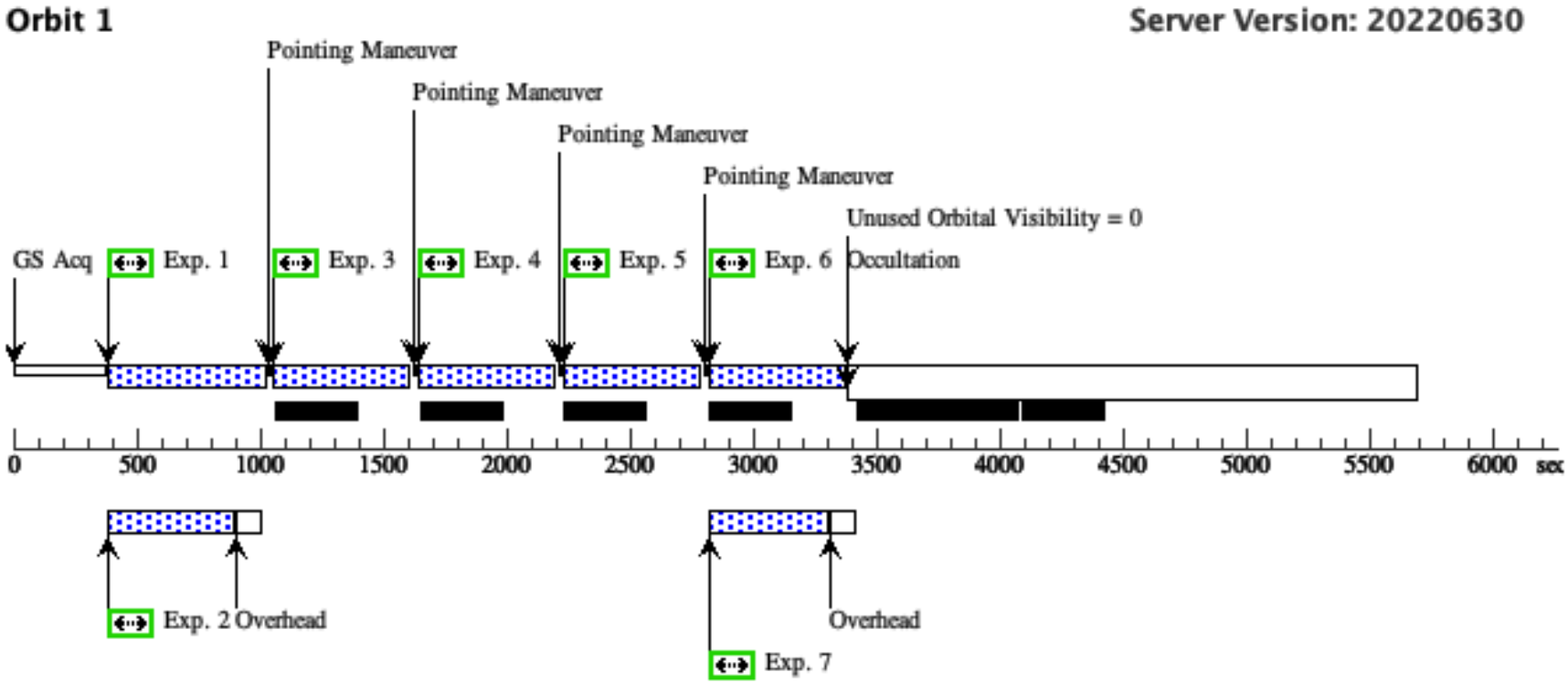
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	DRACO-F3-90DEG	RA: 17 19 35.4084 (259.8975350d) Dec: +57 57 34.87 (57.95969d) Equinox: J2000		V=10.9+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) DRACO-F3-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0000,0.0000	Sequence 1-7 Non-Int in DRACO-F3-90DEG (56) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F3-90DEG (56)	430 Secs (430 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F3-90DEG (56) Prime + Parallel Group 1-2 in Sequence 1-7 Non-Int in DRACO-F3-90DEG (56)	480 Secs (480 Secs) *[==>]*	***[1]***
3		(6) DRACO-F3-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.1647,0.0124	Sequence 1-7 Non-Int in DRACO-F3-90DEG (56)	431 Secs (431 Secs) *[==>]*	***[1]***
4		(6) DRACO-F3-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.3293,0.0248	Sequence 1-7 Non-Int in DRACO-F3-90DEG (56)	431 Secs (431 Secs) *[==>]*	***[1]***
5		(6) DRACO-F3-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0747,0.1294	Sequence 1-7 Non-Int in DRACO-F3-90DEG (56)	431 Secs (431 Secs) *[==>]*	***[1]***
6		(6) DRACO-F3-90DEG	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.2393,0.1418	Sequence 1-7 Non-Int in DRACO-F3-90DEG (56) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F3-90DEG (56)	431 Secs (431 Secs) *[==>]*	***[1]***
7		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-7 Non-Int in DRACO-F3-90DEG (56) Prime + Parallel Group 6-7 in Sequence 1-7 Non-Int in DRACO-F3-90DEG (56)	480 Secs (480 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, SCULPTOR-F1-1 (71) Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 336.47D TO 336.47 D; GROUP 71,72,73 WITHIN 30D

Comments: This 3-orbit visit is for imaging the SCULPTOR-F1 field. We will image the primary ACS/WFC field using the F775W filter, and the parallel WFC3/UVIS field using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

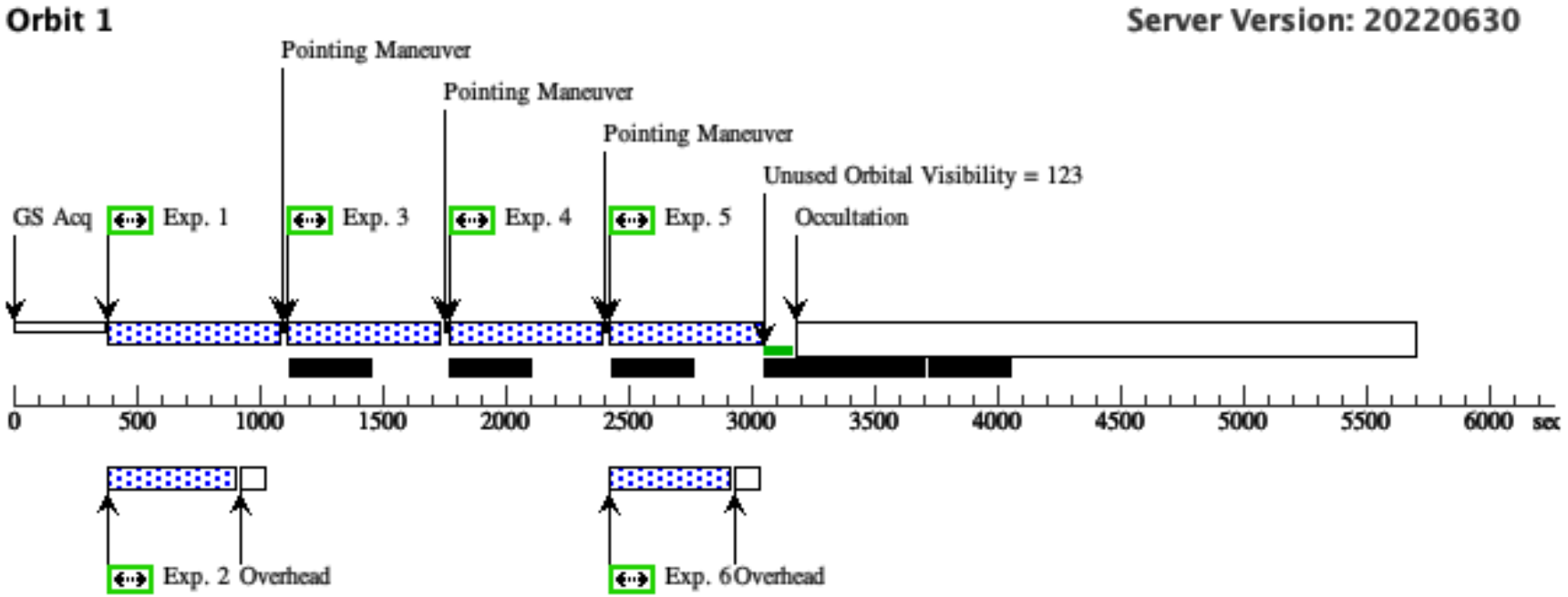
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SCULPTOR-F1	RA: 01 00 13.4576 (15.0560733d) Dec: -33 48 48.01 (-33.81334d) Equinox: J2000		V=10.1+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.0000,0.0000	Sequence 1-6 Non-Int in SCULPTOR-F1-1 (71) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F1-1 (71)	495 Secs (495 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F1-1 (71) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F1-1 (71)	495 Secs (495 Secs) *[==>]*	***[1]***
3		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.1740,0.1850	Sequence 1-6 Non-Int in SCULPTOR-F1-1 (71)	495 Secs (495 Secs) *[==>]*	***[1]***
4		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.3232,0.1235	Sequence 1-6 Non-Int in SCULPTOR-F1-1 (71)	495 Secs (495 Secs) *[==>]*	***[1]***
5		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.1005,0.3305	Sequence 1-6 Non-Int in SCULPTOR-F1-1 (71) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F1-1 (71)	495 Secs (495 Secs) *[==>]*	***[1]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F1-1 (71) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F1-1 (71)	495 Secs (495 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, SCULPTOR-F1-2 (72) Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 336.47D TO 336.47 D; GROUP 72,71,73 WITHIN 30D

Comments: This 3-orbit visit is for imaging the SCULPTOR-F1 field. We will image the primary ACS/WFC field using the F775W filter, and the parallel WFC3/UVIS field using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

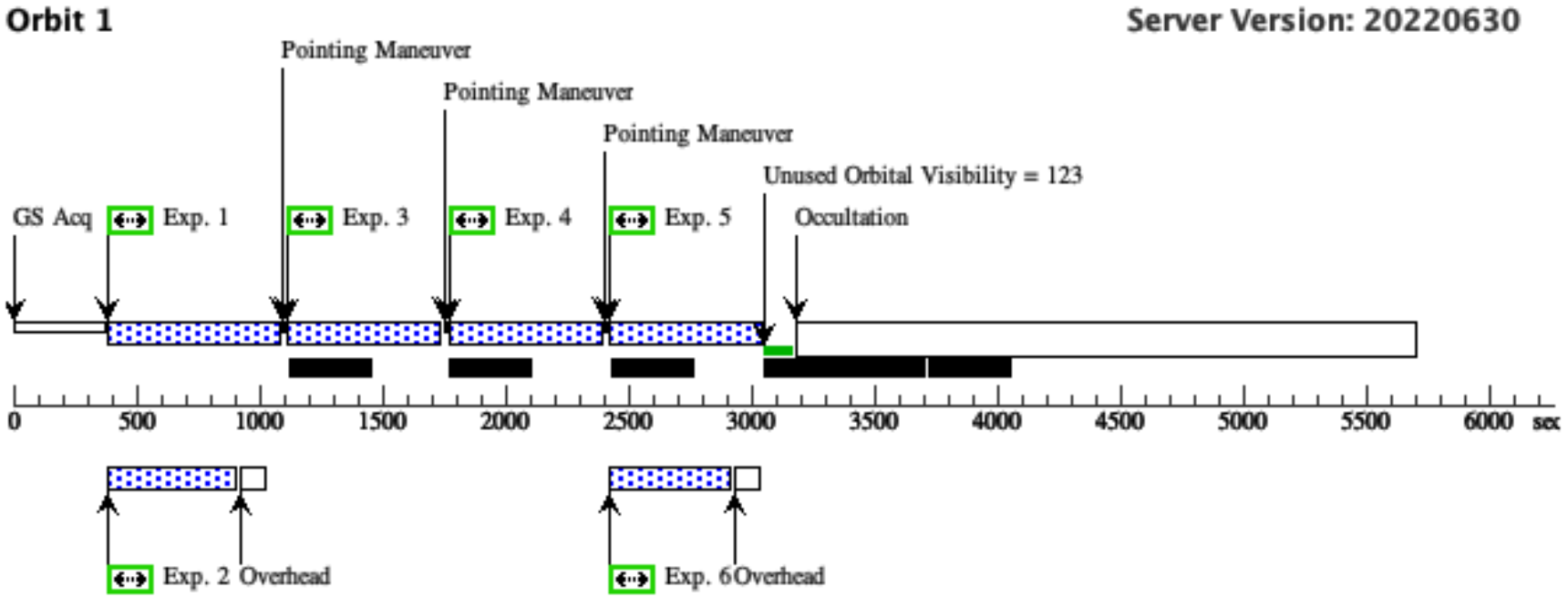
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SCULPTOR-F1	RA: 01 00 13.4576 (15.0560733d) Dec: -33 48 48.01 (-33.81334d) Equinox: J2000		V=10.1+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.5030,0.0460	Sequence 1-6 Non-Int in SCULPTOR-F1-2 (72) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F1-2 (72)	495 Secs (495 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F1-2 (72) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F1-2 (72)	495 Secs (495 Secs) *[==>]*	***[1]***
3		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.6770,0.2310	Sequence 1-6 Non-Int in SCULPTOR-F1-2 (72)	495 Secs (495 Secs) *[==>]*	***[1]***
4		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.8262,0.1695	Sequence 1-6 Non-Int in SCULPTOR-F1-2 (72)	495 Secs (495 Secs) *[==>]*	***[1]***
5		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.6035,0.3765	Sequence 1-6 Non-Int in SCULPTOR-F1-2 (72) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F1-2 (72)	495 Secs (495 Secs) *[==>]*	***[1]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F1-2 (72) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F1-2 (72)	495 Secs (495 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, SCULPTOR-F1-3 (73) Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 336.47D TO 336.47 D; GROUP 73,71,72 WITHIN 30D

Comments: This 3-orbit visit is for imaging the SCULPTOR-F1 field. We will image the primary ACS/WFC field using the F775W filter, and the parallel WFC3/UVIS field using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

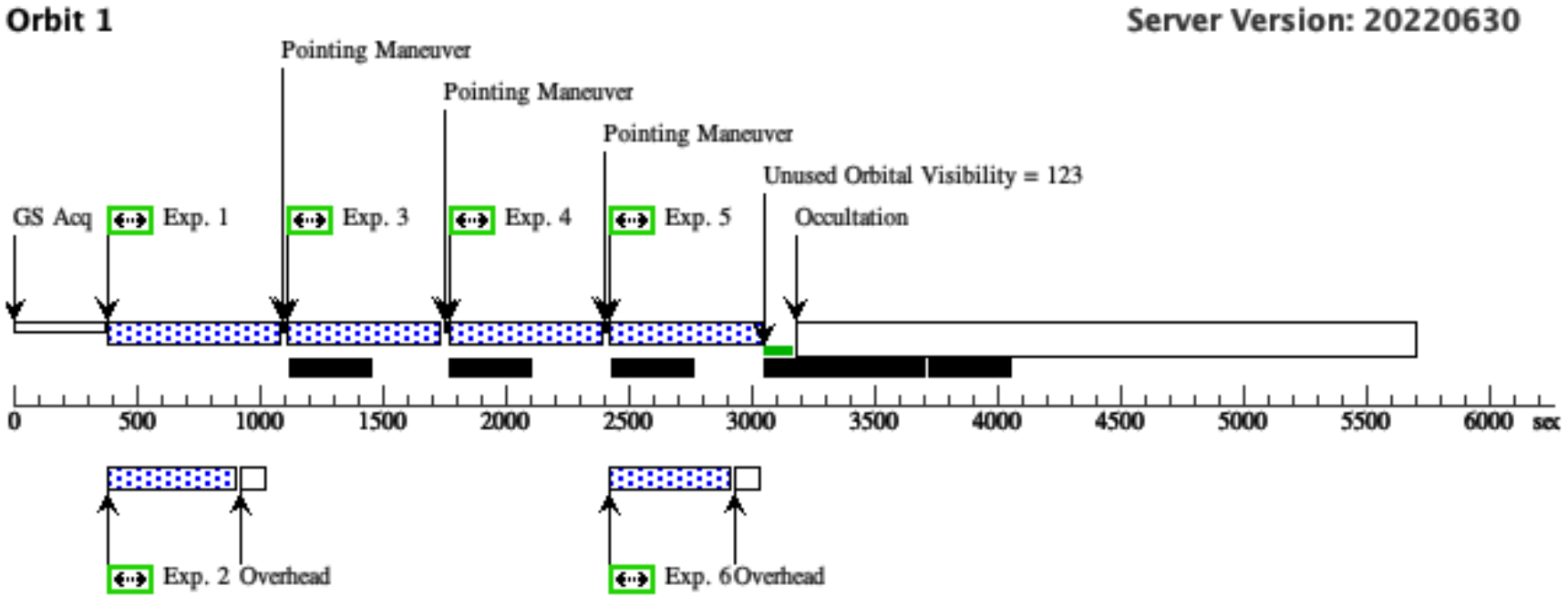
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SCULPTOR-F1	RA: 01 00 13.4576 (15.0560733d) Dec: -33 48 48.01 (-33.81334d) Equinox: J2000		V=10.1+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.1180,0.5180	Sequence 1-6 Non-Int in SCULPTOR-F1-3 (73) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F1-3 (73)	495 Secs (495 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F1-3 (73) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F1-3 (73)	495 Secs (495 Secs) *[==>]*	***[1]***
3		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.2920,0.7030	Sequence 1-6 Non-Int in SCULPTOR-F1-3 (73)	495 Secs (495 Secs) *[==>]*	***[1]***
4		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.4412,0.6415	Sequence 1-6 Non-Int in SCULPTOR-F1-3 (73)	495 Secs (495 Secs) *[==>]*	***[1]***
5		(7) SCULPTOR-F1	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.2185,0.8485	Sequence 1-6 Non-Int in SCULPTOR-F1-3 (73) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F1-3 (73)	495 Secs (495 Secs) *[==>]*	***[1]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F1-3 (73) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F1-3 (73)	495 Secs (495 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, SCULPTOR-F1-90DEG (08), completed Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 245.66D TO 245.66 D

Comments: This single-orbit visit is for imaging the SCULPTOR-F1-90DEG field. We will image the primary ACS/WFC field using the F775W filter, and the parallel WFC3/UVIS field using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

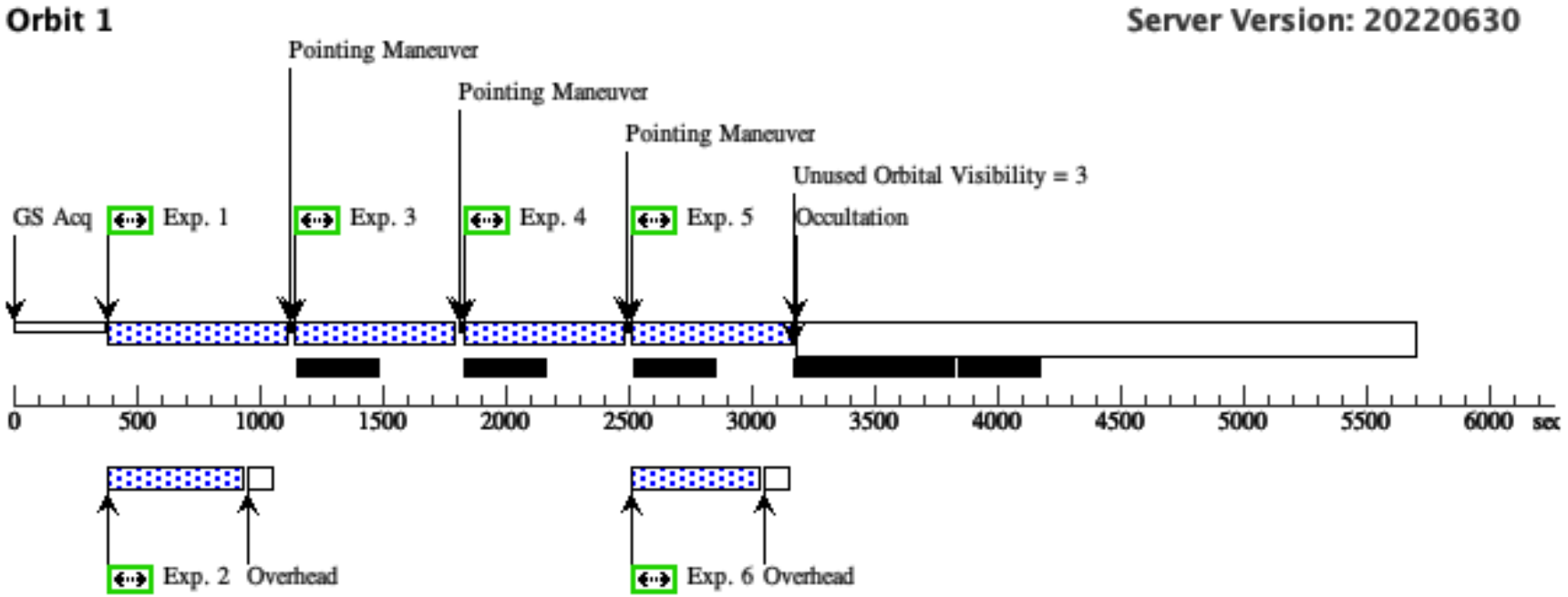
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	SCULPTOR-F1-90DEG	RA: 01 00 13.1693 (15.0548721d) Dec: -33 49 6.23 (-33.81840d) Equinox: J2000		V=10.1+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(8) SCULPTOR-F1-90DEG	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.0000,0.0000	Sequence 1-6 Non-Int in SCULPTOR-F1-90DEG (08) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F1-90DEG (08)	525 Secs (525 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F1-90DEG (08) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F1-90DEG (08)	525 Secs (525 Secs) *[==>]*	***[1]***
3		(8) SCULPTOR-F1-90DEG	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.148,0.086	Sequence 1-6 Non-Int in SCULPTOR-F1-90DEG (08)	525 Secs (525 Secs) *[==>]*	***[1]***
4		(8) SCULPTOR-F1-90DEG	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.222,0.240	Sequence 1-6 Non-Int in SCULPTOR-F1-90DEG (08)	525 Secs (525 Secs) *[==>]*	***[1]***
5		(8) SCULPTOR-F1-90DEG	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.074,0.154	Sequence 1-6 Non-Int in SCULPTOR-F1-90DEG (08) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F1-90DEG (08)	525 Secs (525 Secs) *[==>]*	***[1]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F1-90DEG (08) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F1-90DEG (08)	525 Secs (525 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, SCULPTOR-F2-1 (81) Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 337.48D TO 337.48 D; GROUP 81,82,83 WITHIN 30D

Comments: This single-orbit visit is for imaging the SCULPTOR-F2 field. We will image the primary ACS/WFC field using the F775W filter, and the parallel WFC3/UVIS field using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

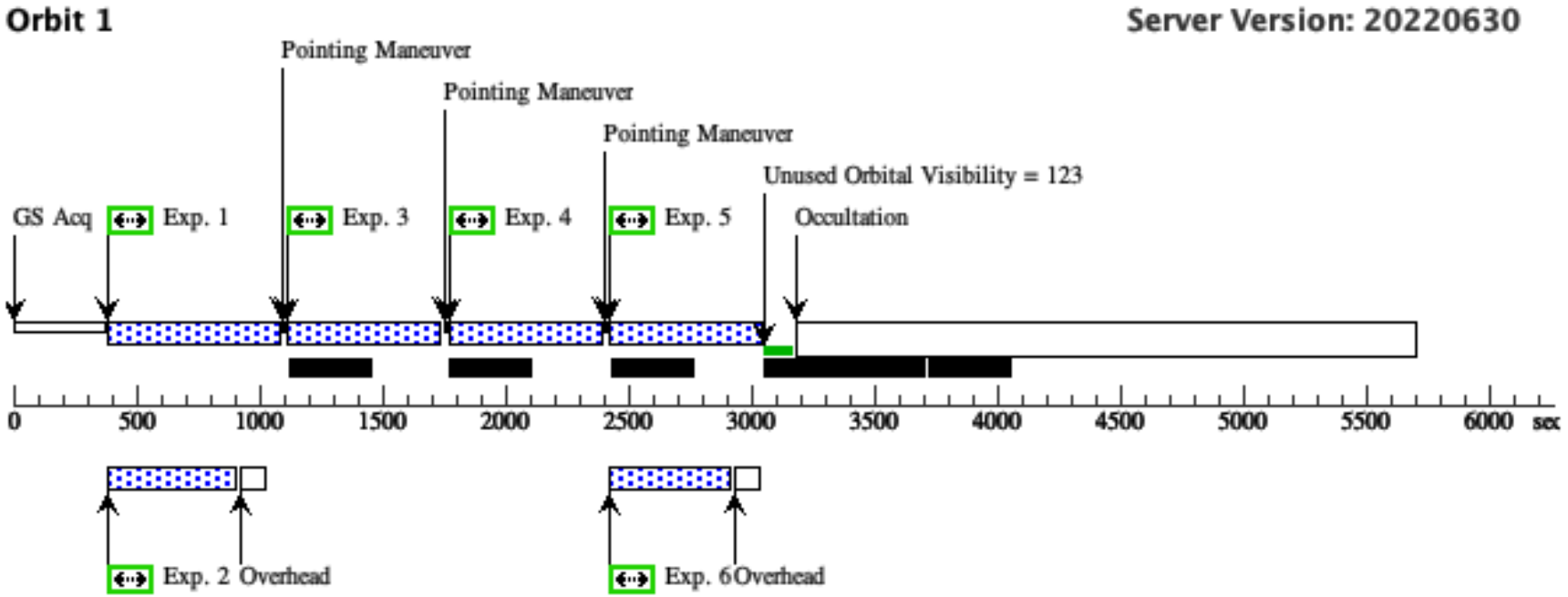
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	SCULPTOR-F2	RA: 01 00 4.6000 (15.0191667d) Dec: -33 51 16.00 (-33.85444d) Equinox: J2000		V=10.1+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.0000,0.0000	Sequence 1-6 Non-Int in SCULPTOR-F2-1 (81) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F2-1 (81)	495 Secs (495 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F2-1 (81) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F2-1 (81)	495 Secs (495 Secs) *[==>]*	***[1]***
3		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.1740,0.1850	Sequence 1-6 Non-Int in SCULPTOR-F2-1 (81)	495 Secs (495 Secs) *[==>]*	***[1]***
4		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.3232,0.1235	Sequence 1-6 Non-Int in SCULPTOR-F2-1 (81)	495 Secs (495 Secs) *[==>]*	***[1]***
5		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.1005,0.3305	Sequence 1-6 Non-Int in SCULPTOR-F2-1 (81) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F2-1 (81)	495 Secs (495 Secs) *[==>]*	***[1]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F2-1 (81) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F2-1 (81)	495 Secs (495 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, SCULPTOR-F2-2 (82) Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 337.48D TO 337.48 D; GROUP 82,81,83 WITHIN 30D

Comments: This single-orbit visit is for imaging the SCULPTOR-F2 field. We will image the primary ACS/WFC field using the F775W filter, and the parallel WFC3/UVIS field using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

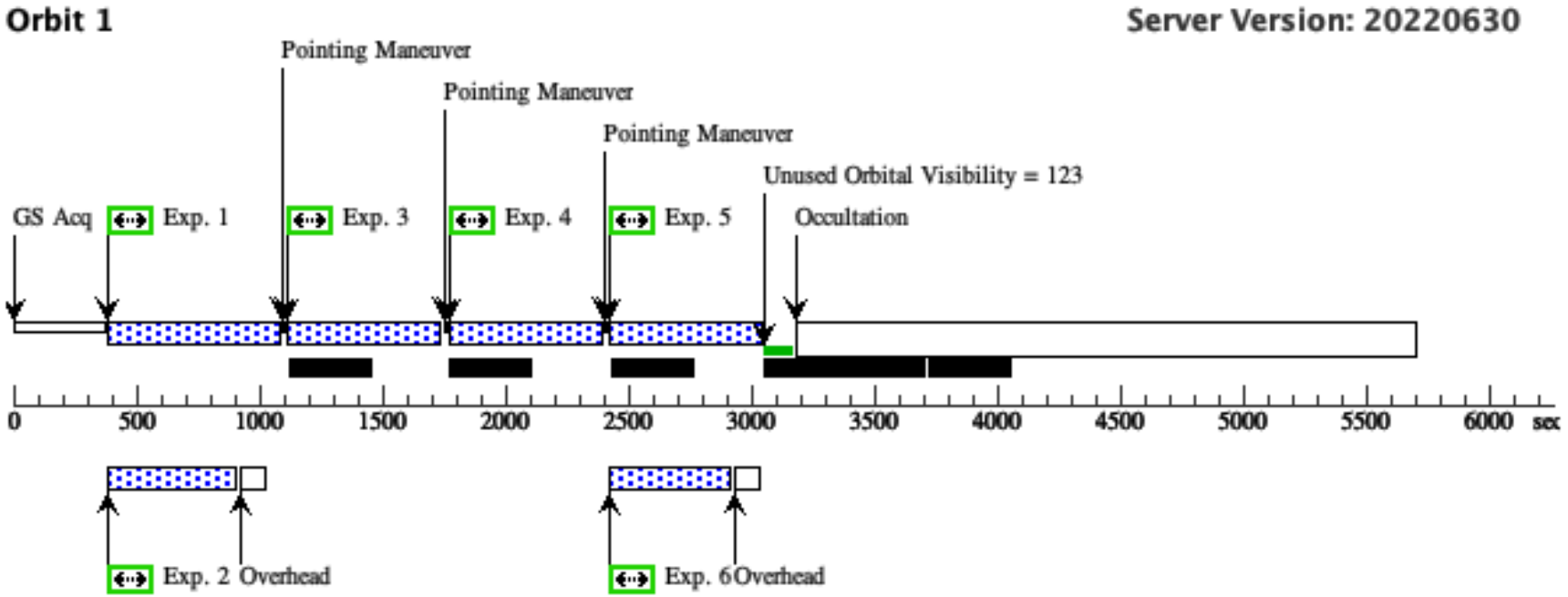
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	SCULPTOR-F2	RA: 01 00 4.6000 (15.0191667d) Dec: -33 51 16.00 (-33.85444d) Equinox: J2000		V=10.1+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.5030,0.0460	Sequence 1-6 Non-Int in SCULPTOR-F2-2 (82) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F2-2 (82)	495 Secs (495 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F2-2 (82) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F2-2 (82)	495 Secs (495 Secs) *[==>]*	***[1]***
3		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.6770,0.2310	Sequence 1-6 Non-Int in SCULPTOR-F2-2 (82)	495 Secs (495 Secs) *[==>]*	***[1]***
4		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.8262,0.1695	Sequence 1-6 Non-Int in SCULPTOR-F2-2 (82)	495 Secs (495 Secs) *[==>]*	***[1]***
5		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.6035,0.3765	Sequence 1-6 Non-Int in SCULPTOR-F2-2 (82) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F2-2 (82)	495 Secs (495 Secs) *[==>]*	***[1]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F2-2 (82) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F2-2 (82)	495 Secs (495 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, SCULPTOR-F2-3 (83) Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 337.48D TO 337.48 D; GROUP 83,81,82 WITHIN 30D

Comments: This is a single-orbit visit is for imaging the SCULPTOR-F2 field. We will image the primary ACS/WFC field using the F775W filter, and the parallel WFC3/UVIS field using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

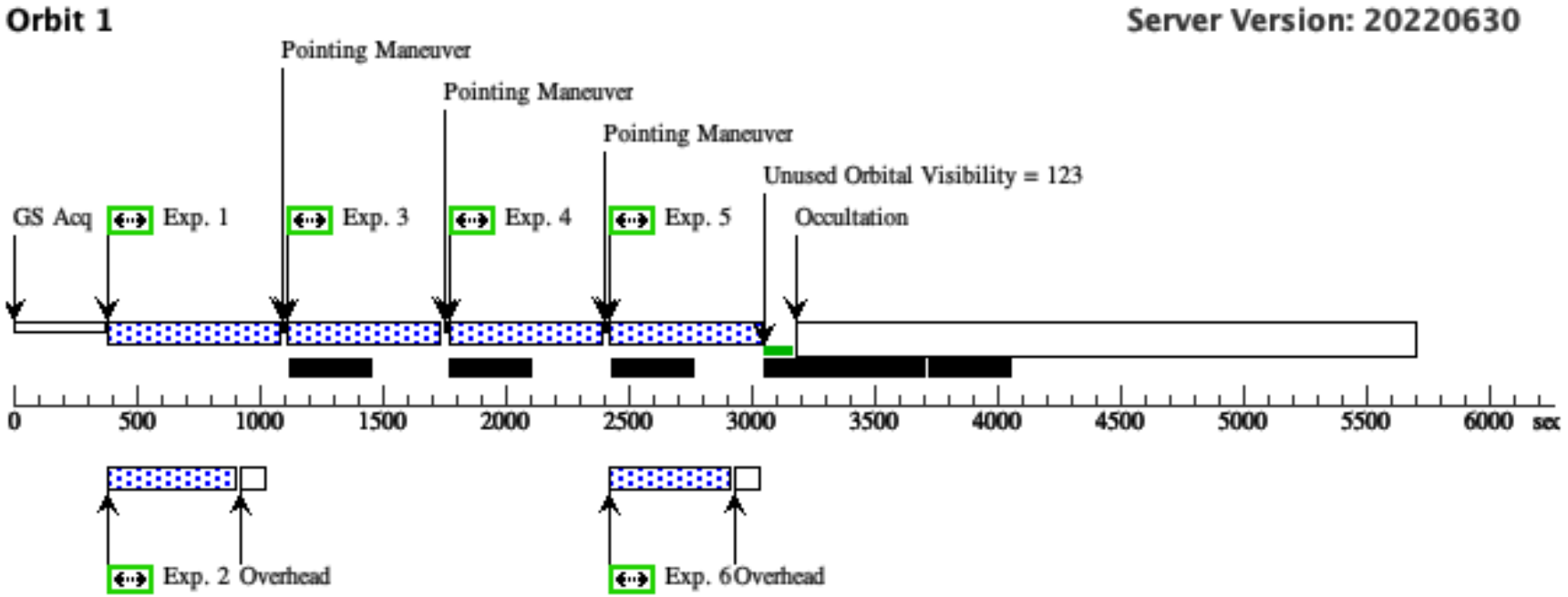
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	SCULPTOR-F2	RA: 01 00 4.6000 (15.0191667d) Dec: -33 51 16.00 (-33.85444d) Equinox: J2000		V=10.1+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.1180,0.5180	Sequence 1-6 Non-Int in SCULPTOR-F2-3 (83) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F2-3 (83)	495 Secs (495 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F2-3 (83) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F2-3 (83)	495 Secs (495 Secs) *[==>]*	***[1]***
3		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.2920,0.7030	Sequence 1-6 Non-Int in SCULPTOR-F2-3 (83)	495 Secs (495 Secs) *[==>]*	***[1]***
4		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.4412,0.6415	Sequence 1-6 Non-Int in SCULPTOR-F2-3 (83)	495 Secs (495 Secs) *[==>]*	***[1]***
5		(9) SCULPTOR-F2	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.2185,0.8485	Sequence 1-6 Non-Int in SCULPTOR-F2-3 (83) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F2-3 (83)	495 Secs (495 Secs) *[==>]*	***[1]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F2-3 (83) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F2-3 (83)	495 Secs (495 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 16737, SCULPTOR-F2-90DEG (10), completed Mon Sep 19 15:00:38 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 247.48D TO 247.48 D

Comments: This single-orbit visit is for imaging the SCULPTOR-F2-90DEG field. We will image the primary ACS/WFC field using the F775W filter, and the parallel WFC3/UVIS field using the F606W filter. We have also added Orient Ranges requirements to align our images with the previous epoch images. We implemented a custom-designed dither pattern via the POS-TARG requirement.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	SCULPTOR-F2-90DEG	RA: 01 00 3.9417 (15.0164238d) Dec: -33 51 31.81 (-33.85884d) Equinox: J2000		V=10.1+/-0.1	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[DWARF SPHEROIDAL]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(10) SCULPTOR-F2-90DEG	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.0000,0.0000	Sequence 1-6 Non-Int in SCULPTOR-F2-90DEG (10) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F2-90DEG (10)	525 Secs (525 Secs) *[==>]*	***[1]***
2		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F2-90DEG (10) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in SCULPTOR-F2-90DEG (10)	525 Secs (525 Secs) *[==>]*	***[1]***
3		(10) SCULPTOR-F2-90DEG	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.148,0.086	Sequence 1-6 Non-Int in SCULPTOR-F2-90DEG (10)	525 Secs (525 Secs) *[==>]*	***[1]***
4		(10) SCULPTOR-F2-90DEG	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.222,0.240	Sequence 1-6 Non-Int in SCULPTOR-F2-90DEG (10)	525 Secs (525 Secs) *[==>]*	***[1]***
5		(10) SCULPTOR-F2-90DEG	ACS/WFC, ACCUM, WFC	F775W		POS TARG 0.074,0.154	Sequence 1-6 Non-Int in SCULPTOR-F2-90DEG (10) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F2-90DEG (10)	525 Secs (525 Secs) *[==>]*	***[1]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Sequence 1-6 Non-Int in SCULPTOR-F2-90DEG (10) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in SCULPTOR-F2-90DEG (10)	525 Secs (525 Secs) *[==>]*	***[1]***

Orbit Structure