17112 - A Treasury FUV Survey of the Hottest White Dwarfs

Cycle: 30, Proposal Category: GO

(UV Initiative, Treasury)

(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?*
A1	(1) TIC467608866	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:00:47.0	yes
A2	(2) TIC671960529	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:00:48.0	yes
A3	(4) TIC321102379	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:00:50.0	yes
A4	(5) TIC60844744	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:00:51.0	yes
A5	(6) TIC14802607	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:00:52.0	yes
A6	(9) TIC49472361	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:00:53.0	yes
A7	(11) TIC79755479	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:00:54.0	yes
A8	(14) TIC422444008	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:00:56.0	yes
A9	(3) TIC88564975	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:00:56.0	yes
AA	(7) TIC380638755	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:00:57.0	yes
AB	(10) TIC27688847	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:00:59.0	yes
AC	(12) TIC14976740	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:01:00.0	yes
AD	(13) TIC365496228	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:01:01.0	yes
AE	(8) TIC428683815	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:01:02.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
AF	(15) TIC357307129	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:01:02.0	yes
AG	(37) TIC186964879	STIS/CCD STIS/FUV-MAMA	2	20-Apr-2023 14:01:04.0	yes
B1	(57) TIC760481896	COS/FUV	1	20-Apr-2023 14:01:04.0	yes
B2	(66) TIC841258872	COS/FUV	1	20-Apr-2023 14:01:05.0	yes
B3	(91) TIC48446609	COS/FUV	1	20-Apr-2023 14:01:06.0	yes
C1	(36) TIC621144212	COS/FUV	1	20-Apr-2023 14:01:06.0	yes
C2	(42) TIC4068779	COS/FUV	1	20-Apr-2023 14:01:07.0	yes
C3	(80) TIC1100504316	COS/FUV	1	20-Apr-2023 14:01:08.0	yes
C4	(97) TIC1937384331	COS/FUV	1	20-Apr-2023 14:01:08.0	yes
C5	(105) TIC2002927134	COS/FUV	1	20-Apr-2023 14:01:09.0	yes
C6	(105) TIC2002927134	COS/FUV	1	20-Apr-2023 14:01:10.0	yes
D1	(16) TIC11940011	COS/FUV	1	20-Apr-2023 14:01:10.0	yes
D2	(17) TIC152819235	COS/FUV	1	20-Apr-2023 14:01:11.0	yes
D3	(23) TIC44489594	COS/FUV	1	20-Apr-2023 14:01:12.0	yes
D4	(24) TIC611305959	COS/FUV	1	20-Apr-2023 14:01:12.0	yes
4D	(24) TIC611305959	COS/FUV	1	20-Apr-2023 14:01:14.0	yes
D5	(30) TIC620903968	COS/FUV	1	20-Apr-2023 14:01:14.0	yes
D6	(35) TIC100907176	COS/FUV	1	20-Apr-2023 14:01:15.0	yes
D7	(39) TIC453835308	COS/FUV	1	20-Apr-2023 14:01:16.0	yes
D8	(40) TIC651568303	COS/FUV	1	20-Apr-2023 14:01:16.0	yes
D9	(44) TIC332858535	COS/FUV	1	20-Apr-2023 14:01:17.0	yes
DA	(47) TIC443024270	COS/FUV	1	20-Apr-2023 14:01:18.0	yes
DB	(48) TIC263291582	COS/FUV	1	20-Apr-2023 14:01:19.0	yes
DC	(50) TIC743051939	COS/FUV	1	20-Apr-2023 14:01:19.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
DD	(51) TIC291303146	COS/FUV	1	20-Apr-2023 14:01:20.0	yes
DE	(52) TIC247056967	COS/FUV	1	20-Apr-2023 14:01:21.0	yes
DF	(53) TIC85146644	COS/FUV	1	20-Apr-2023 14:01:21.0	yes
DG	(58) TIC471013530	COS/FUV	1	20-Apr-2023 14:01:22.0	yes
DH	(60) TIC73235712	COS/FUV	1	20-Apr-2023 14:01:23.0	yes
DI	(64) TIC197191699	COS/FUV	1	20-Apr-2023 14:01:24.0	yes
DJ	(67) TIC901406326	COS/FUV	1	20-Apr-2023 14:01:25.0	yes
DK	(69) TIC950620082	COS/FUV	1	20-Apr-2023 14:01:26.0	yes
DL	(70) TIC471015227	COS/FUV	1	20-Apr-2023 14:01:26.0	yes
DM	(71) TIC951635495	COS/FUV	1	20-Apr-2023 14:01:27.0	yes
DN	(74) TIC66714896	COS/FUV	1	20-Apr-2023 14:01:28.0	yes
DO	(76) TIC219460164	COS/FUV	1	20-Apr-2023 14:01:28.0	yes
DP	(78) TIC1000083223	COS/FUV	1	20-Apr-2023 14:01:29.0	yes
DQ	(79) TIC471015197	COS/FUV	1	20-Apr-2023 14:01:30.0	yes
DR	(81) TIC1101109787	COS/FUV	1	20-Apr-2023 14:01:31.0	yes
DS	(82) TIC272673382	COS/FUV	1	20-Apr-2023 14:01:31.0	yes
DT	(83) TIC29267489	COS/FUV	1	20-Apr-2023 14:01:32.0	yes
DU	(94) TIC1729224210	COS/FUV	1	20-Apr-2023 14:01:33.0	yes
DV	(100) TIC2029396667	COS/FUV	1	20-Apr-2023 14:01:33.0	yes
DW	(102) TIC2007480435	COS/FUV	1	20-Apr-2023 14:01:34.0	yes
DX	(103) TIC271805540	COS/FUV	1	20-Apr-2023 14:01:35.0	yes
DZ	(109) TIC318631844	COS/FUV	1	20-Apr-2023 14:01:36.0	yes
E0	(111) TIC248353420	COS/FUV	1	20-Apr-2023 14:01:37.0	yes
F1	(25) TIC435854337	COS/FUV	1	20-Apr-2023 14:01:37.0	yes
F2	(26) TIC293394054	COS/FUV	1	20-Apr-2023 14:01:38.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
FS	(26) TIC293394054	COS/FUV	1	20-Apr-2023 14:01:39.0	yes
F3	(27) TIC268617034	COS/FUV	1	20-Apr-2023 14:01:40.0	yes
F4	(28) TIC183597477	COS/FUV	1	20-Apr-2023 14:01:40.0	yes
F6	(32) TIC20885502	COS/FUV	1	20-Apr-2023 14:01:41.0	yes
F7	(46) TIC95332541	COS/FUV	1	20-Apr-2023 14:01:42.0	yes
FV	(46) TIC95332541	COS/FUV	1	20-Apr-2023 14:01:43.0	yes
F8	(54) TIC270093857	COS/FUV	1	20-Apr-2023 14:01:44.0	yes
FT	(54) TIC270093857	COS/FUV	1	20-Apr-2023 14:01:45.0	yes
FA	(55) TIC335501964	COS/FUV	1	20-Apr-2023 14:01:46.0	yes
FB	(56) TIC122866831	COS/FUV	1	20-Apr-2023 14:01:47.0	yes
FC	(68) TIC950518812	COS/FUV	1	20-Apr-2023 14:01:47.0	yes
FD	(73) TIC999177475	COS/FUV	1	20-Apr-2023 14:01:48.0	yes
FE	(77) TIC219465698	COS/FUV	1	20-Apr-2023 14:01:49.0	yes
FG	(84) TIC24055062	COS/FUV	1	20-Apr-2023 14:01:50.0	yes
FH	(86) TIC8848840	COS/FUV	1	20-Apr-2023 14:01:51.0	yes
FI	(87) TIC235612536	COS/FUV	1	20-Apr-2023 14:01:52.0	yes
FJ	(88) TIC85339363	COS/FUV	1	20-Apr-2023 14:01:53.0	yes
FU	(88) TIC85339363	COS/FUV	1	20-Apr-2023 14:01:53.0	yes
FX	(88) TIC85339363	COS/FUV	1	20-Apr-2023 14:01:54.0	yes
FK	(92) TIC344581443	COS/FUV	1	20-Apr-2023 14:01:55.0	yes
FL	(96) TIC1846689686	COS/FUV	1	20-Apr-2023 14:01:56.0	yes
FM	(98) TIC410414842	COS/FUV	1	20-Apr-2023 14:01:57.0	yes
FN	(99) TIC163802843	COS/FUV	1	20-Apr-2023 14:01:57.0	yes
FO	(101) TIC239631587	COS/FUV	1	20-Apr-2023 14:01:58.0	yes
FP	(104) TIC197735254	COS/FUV	1	20-Apr-2023 14:01:59.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
FQ	(106) TIC372363437	COS/FUV	1	20-Apr-2023 14:02:00.0	yes
FR	(108) TIC90884697	COS/FUV	1	20-Apr-2023 14:02:01.0	yes
G1	(29) TIC183799565	COS/FUV	1	20-Apr-2023 14:02:02.0	yes
G2	(33) TIC25062206	COS/FUV	1	20-Apr-2023 14:02:03.0	yes
G4	(38) TIC245539908	COS/FUV	1	20-Apr-2023 14:02:04.0	yes
G5	(43) TIC321741942	COS/FUV	1	20-Apr-2023 14:02:04.0	yes
G6	(49) TIC333432673	COS/FUV	1	20-Apr-2023 14:02:05.0	yes
GA	(49) TIC333432673	COS/FUV	1	20-Apr-2023 14:02:06.0	yes
G7	(59) TIC72983467	COS/FUV	1	20-Apr-2023 14:02:07.0	yes
G8	(61) TIC362023614	COS/FUV	1	20-Apr-2023 14:02:08.0	yes
G9	(62) TIC22635383	COS/FUV	1	20-Apr-2023 14:02:09.0	yes
H1	(72) TIC232524621	COS/FUV	1	20-Apr-2023 14:02:10.0	yes
H2	(85) TIC116263538	COS/FUV	1	20-Apr-2023 14:02:10.0	yes
H3	(89) TIC131606143	COS/FUV	1	20-Apr-2023 14:02:11.0	yes
H4	(90) TIC7988895	COS/FUV	1	20-Apr-2023 14:02:12.0	yes
H5	(93) TIC120968638	COS/FUV	1	20-Apr-2023 14:02:13.0	yes
H6	(95) TIC1914435765	COS/FUV	1	20-Apr-2023 14:02:14.0	yes
H7	(19) TIC620091620	COS/FUV	1	20-Apr-2023 14:02:15.0	yes
HF	(19) TIC620091620	COS/FUV	1	20-Apr-2023 14:02:16.0	yes
H8	(31) TIC26823859	COS/FUV	1	20-Apr-2023 14:02:17.0	yes
HG	(31) TIC26823859	COS/FUV	1	20-Apr-2023 14:02:17.0	yes
H9	(34) TIC63505607	COS/FUV	1	20-Apr-2023 14:02:18.0	yes
HA	(41) TIC671145409	COS/FUV	1	20-Apr-2023 14:02:19.0	yes
HB	(45) TIC71513592	COS/FUV	1	20-Apr-2023 14:02:20.0	yes
HC	(63) TIC155231107	COS/FUV	1	20-Apr-2023 14:02:21.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
HD	(65) TIC287096373	COS/FUV	1	20-Apr-2023 14:02:22.0	yes
HE	(75) TIC1054995773	COS/FUV	1	20-Apr-2023 14:02:22.0	yes
I1	(18) TIC422859817	COS/FUV	2	20-Apr-2023 14:02:24.0	yes
I2	(22) TIC123551940	COS/FUV	2	20-Apr-2023 14:02:25.0	yes
I5	(22) TIC123551940	COS/FUV	1	20-Apr-2023 14:02:26.0	yes
I3	(21) TIC237292969	COS/FUV	2	20-Apr-2023 14:02:27.0	yes
I4	(20) TIC69392806	COS/FUV	2	20-Apr-2023 14:02:29.0	yes
99	(110) UCAC2-46706450	COS/FUV	1	20-Apr-2023 14:02:30.0	yes
98	(110) UCAC2-46706450	COS/FUV	1	20-Apr-2023 14:02:31.0	yes

142 Total Orbits Used

ABSTRACT

Hot white dwarfs (WDs) represent the beginning of the end of the vast majority of stars. They are key objects to reconstruct the various evolutionary pathways of sun-like stars and serve as powerful tools to address a multitude of (astro-)physical questions. However, the physics operating in the hottest (Teff>50kK) WDs remains poorly to hardly understood, since several investigations on these short-lived stars rely on low-number statistics. Progress can only be made with further high-resolution FUV spectra uniquely allowing reliable Teff and metal abundances determinations.

Gaia and extensive spectroscopic follow-up has now allowed us for the first time to assemble an all-sky sample of the brightest and hottest WDs, suitable for follow-up with the HST. The proposed Treasury program will triple the number of high-resolution FUV spectra of WDs in the enormous Teff interval 50-200kK and be precious to a broad scientific community. Key science cases are:

(1) Map metal abundance patterns along the early WD cooling sequence to decrypt several phenomena occurring during that stage

(2) Provide powerful observational constraints to test theoretical diffusion, planet accretion, and wind models, as well as stellar evolutionary calculations

(3) Assess systematic errors on Teff introduced by optical spectral analysis only, and by that calibrate our stellar atmosphere and binary light curve models that will be applied to thousands of hot WD from upcoming surveys

(4) Identify (hitherto undetected) trans-iron elements to uncover opacity sources and to derive atomic data, which will allow to investigate heavy elements in hot stars in general

OBSERVING DESCRIPTION

FUV spectra with STIS/E140M, COS/G130M(1291) and COS/G140L(1105) shall be obtained for 111 hot white dwarfs.

For the brightest targets a STIS/E140M spectrum shall be obtained within two orbits, respectively.

For the remaining targets we use COS/G130M.

If FUV<13mag we use ACCUM mode.

If FUV>13mag TIME-TAG.

For systems containing a cool companion that dominates the optical spectrum we will obtain additionally a COS/G140L spectrum to cover HeII 1640 to find out if the WD is He or H-rich. One of these systems already has a COS/G130M spectrum, thus we we will only obtain a COS/G140L spectrum.

Visit

Proposal 17112, STIS/E140M (A1), scheduling Thu Apr 20 18:02:32 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

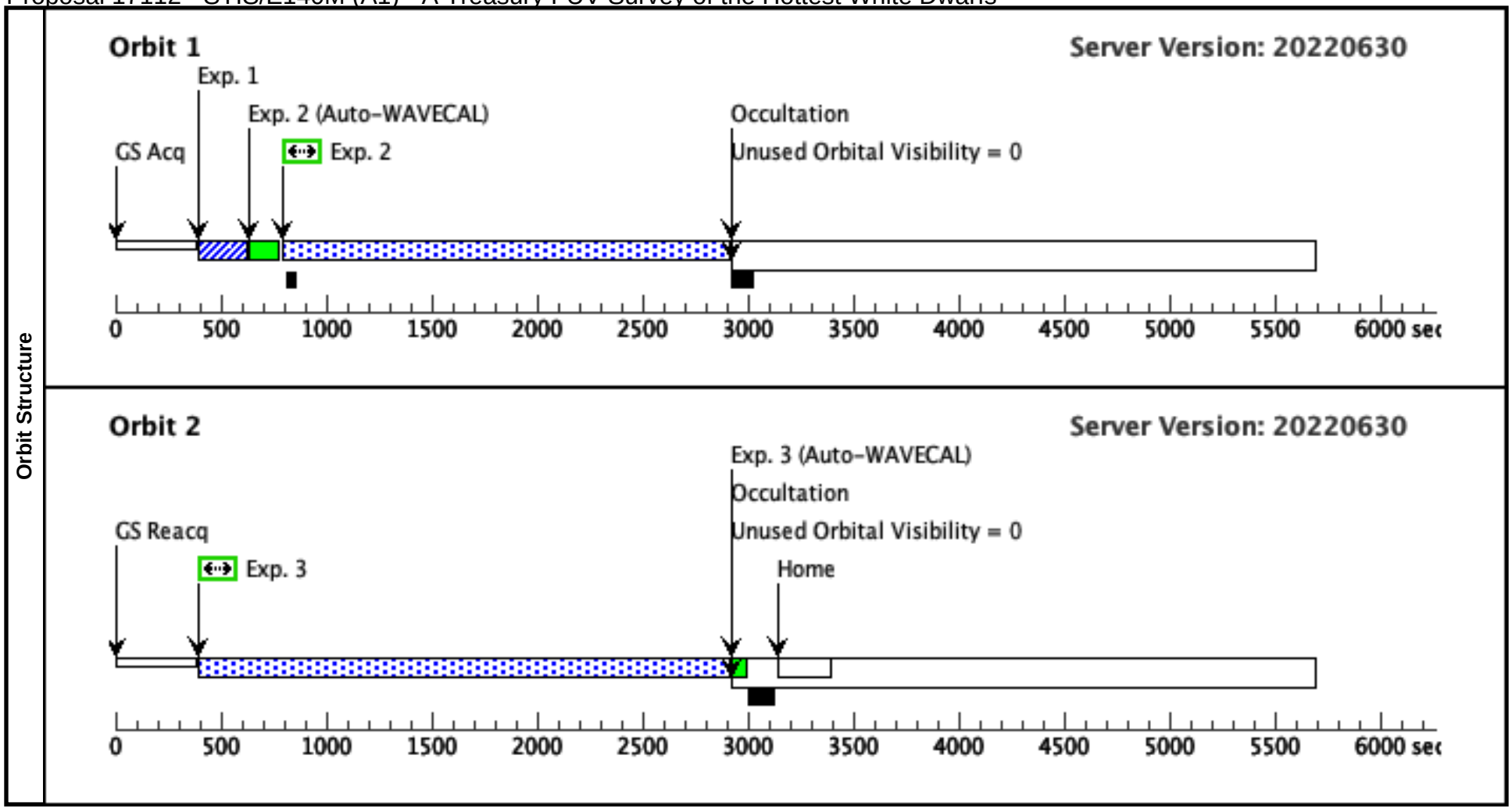
Comments: DA WD

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	TIC467608866 Alt Name1: GAIAEDR3-123541474390518016 Alt Name2: WDJ031437.37+313641.91 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 03 14 37.4021 (48.6558421d) Dec: +31 36 41.29 (31.61147d) Equinox: J2000	Proper Motion RA: 22.29019489 mas/yr Proper Motion Dec: -38.60407802 mas/yr Parallax: 0.008643071" Epoch of Position: 2016.0	V=13.64 FUV/mag=11.93	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(1) TIC467608866	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1 Secs (1 Secs) *[==>]*	*[1]*
2	E140M (STIS.sp.1833387)	(1) TIC467608866	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				2107 Secs (2107 Secs) *[==>]*	*[1]*
3	E140M (STIS.sp.1833387)	(1) TIC467608866	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				2505 Secs (2505 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 1
Exp. 2 (Auto-WAVECAL)
Occultation
GS Acq
Exp. 2
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, STIS/E140M (A2), scheduling Thu Apr 20 18:02:32 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Comments: DO WD

Fixed Targets

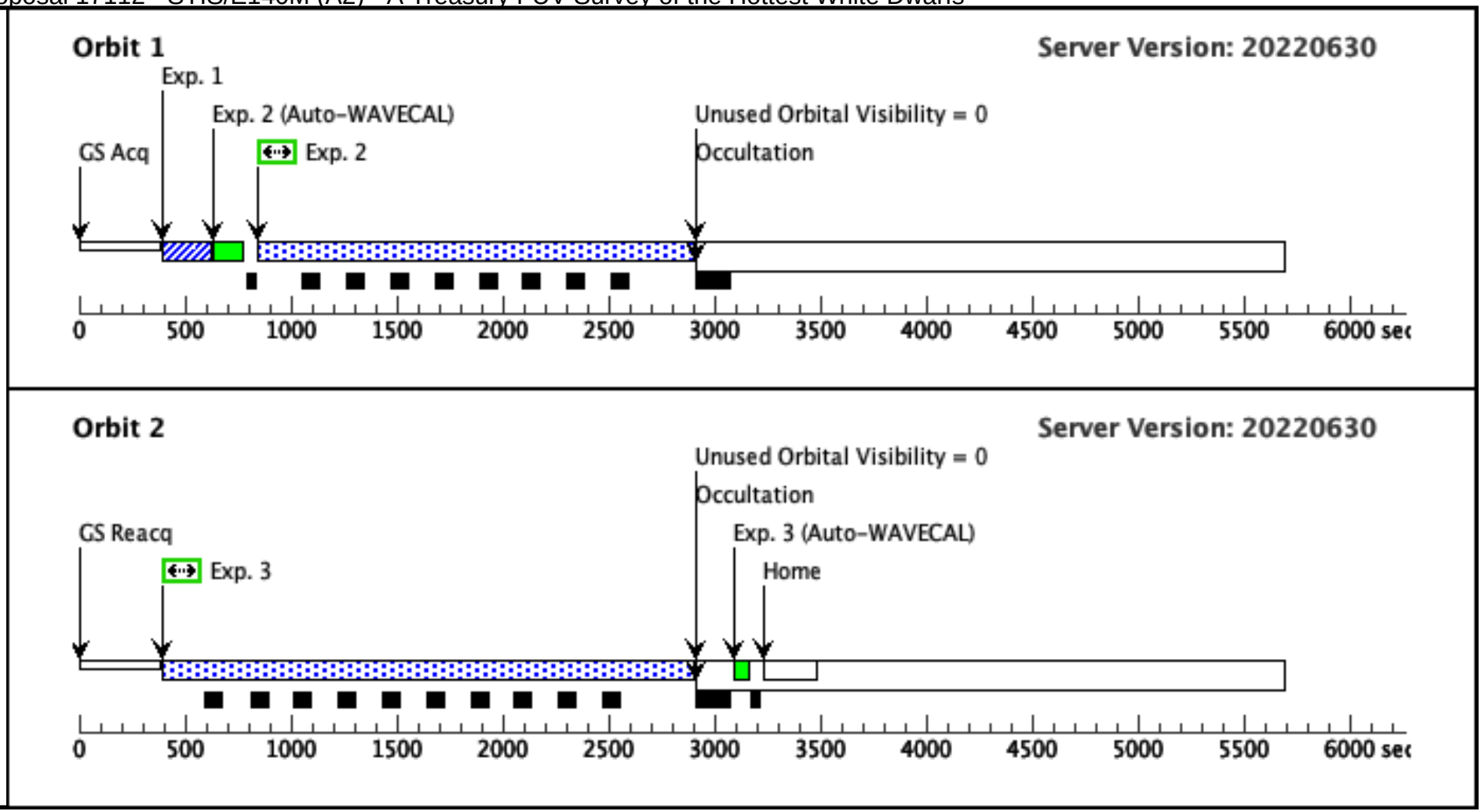
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	TIC671960529 Alt Name1: GAIAEDR3-3204384497212064512 Alt Name2: WDJ042910.89-041920.57	RA: 04 29 10.8608 (67.2952533d) Dec: -04 19 20.62 (-4.32239d) Equinox: J2000	Proper Motion RA: -23.94689595 mas/yr Proper Motion Dec: -3.178370324 mas/yr Parallax: 0.007534572" Epoch of Position: 2016.0	V=14.19 FUV/mag=12.16	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(2) TIC671960529	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	***[1]***
2	E140M (STIS.sp.1813201)	(2) TIC671960529	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=208			2040 Secs (2040 Secs) *[==>]*	***[1]***
3	E140M (STIS.sp.1833391)	(2) TIC671960529	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=208			2496 Secs (2496 Secs) *[==>]*	***[2]***

Orbit Structure



Visit

Proposal 17112, STIS/E140M (A3), scheduling Thu Apr 20 18:02:32 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Comments: DAO WD

Fixed Targets

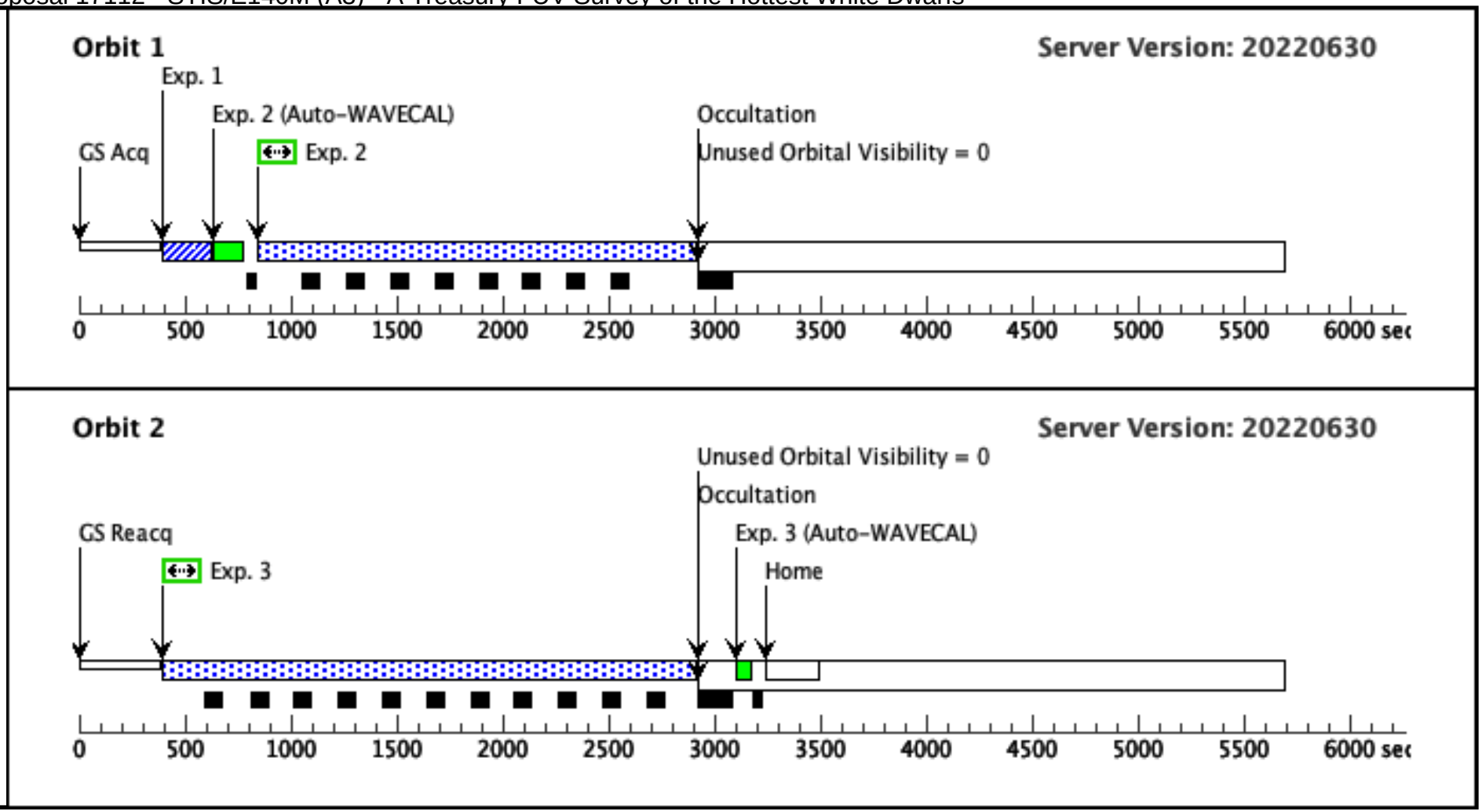
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	TIC321102379 Alt Name1: GAIAEDR3-947711441834515072 Alt Name2: WDJ071011.13+403621.81	RA: 07 10 11.0931 (107.5462213d) Dec: +40 36 21.32 (40.60592d) Equinox: J2000	Proper Motion RA: -24.76094871 mas/yr Proper Motion Dec: -30.59226101 mas/yr Parallax: 0.004147478" Epoch of Position: 2016.0	V=14.182 FUV/mag=12	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(4) TIC321102379	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	***[1]***
2	E140M (STIS.sp.1833391)	(4) TIC321102379	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=208			2051 Secs (2051 Secs) *[==>]*	***[1]***
3	E140M (STIS.sp.1833391)	(4) TIC321102379	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=208			2507 Secs (2507 Secs) *[==>]*	***[2]***

Orbit Structure



Visit

Proposal 17112, STIS/E140M (A4), scheduling Thu Apr 20 18:02:32 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

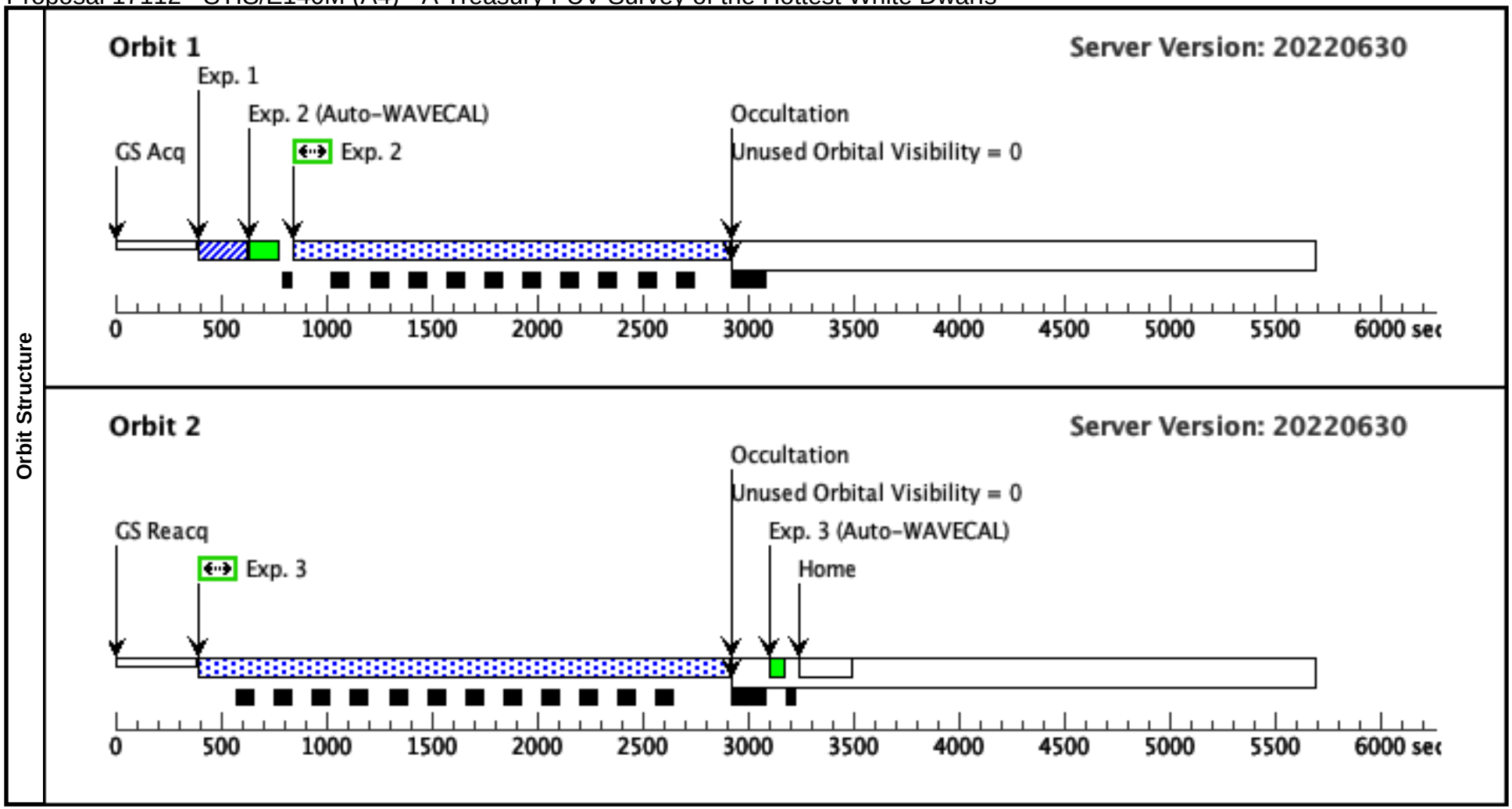
Comments: DAO WD

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	TIC60844744 Alt Name1: GAIAEDR3-866719456827107712 Alt Name2: WDJ072737.71+231812.72 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 07 27 37.7144 (111.9071433d) Dec: +23 18 12.45 (23.30346d) Equinox: J2000	Proper Motion RA: 1.128771497 mas/yr Proper Motion Dec: -16.90594754 mas/yr Parallax: 0.004344491" Epoch of Position: 2016.0	V=14.28 G/mag=14.167	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(5) TIC60844744	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	*[1]*
2	E140M (STIS.sp.1833390)	(5) TIC60844744	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=181			2051 Secs (2051 Secs) *[==>]*	*[1]*
3	E140M (STIS.sp.1833390)	(5) TIC60844744	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=181			2507 Secs (2507 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 1
Exp. 2 (Auto-WAVECAL)
Occultation
GS Acq
Exp. 2
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 3 (Auto-WAVECAL)
Exp. 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, STIS/E140M (A5), completed Thu Apr 20 18:02:32 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Comments: DO WD

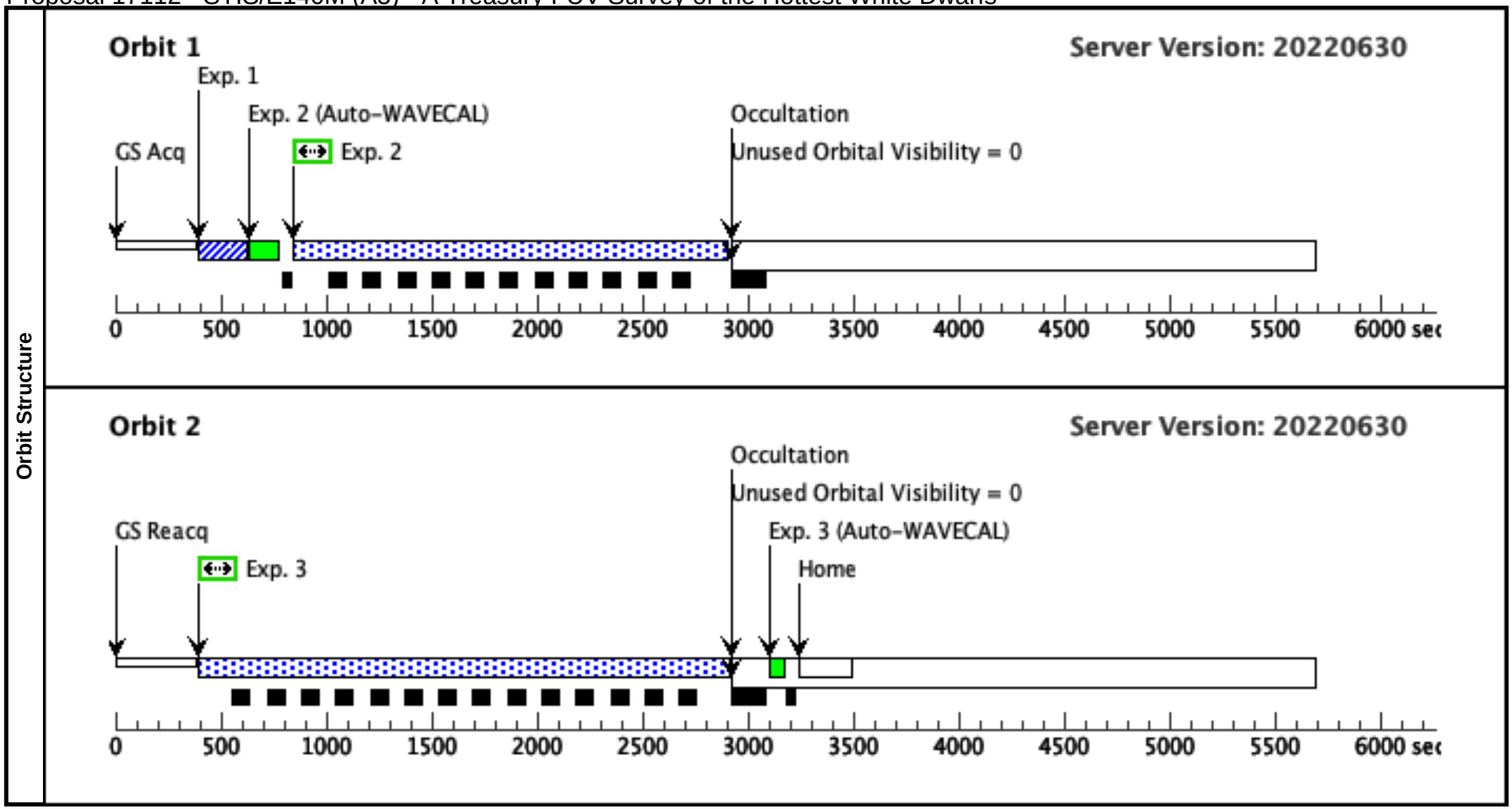
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	TIC14802607 Alt Name1: GAIAEDR3-3165340216537925120 Alt Name2: WDJ073607.90+144451.07	RA: 07 36 7.8519 (114.0327162d) Dec: +14 44 50.46 (14.74735d) Equinox: J2000	Proper Motion RA: -46.23580393 mas/yr Proper Motion Dec: -38.27115455 mas/yr Parallax: 0.006643084" Epoch of Position: 2016.0	V=14.208 G/mag=13.991	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(6) TIC14802607	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	***[1]***
2	E140M (STIS.sp.1833389)	(6) TIC14802607	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=163			2049 Secs (2049 Secs) *[==>]*	***[1]***
3	E140M (STIS.sp.1813201)	(6) TIC14802607	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=163			2505 Secs (2505 Secs) *[==>]*	***[2]***


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 1
Exp. 2 (Auto-WAVECAL)
Occultation
GS Acq
Exp. 2
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 3 (Auto-WAVECAL)
Exp. 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, STIS/E140M (A6), scheduling Thu Apr 20 18:02:32 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Comments: DA WD

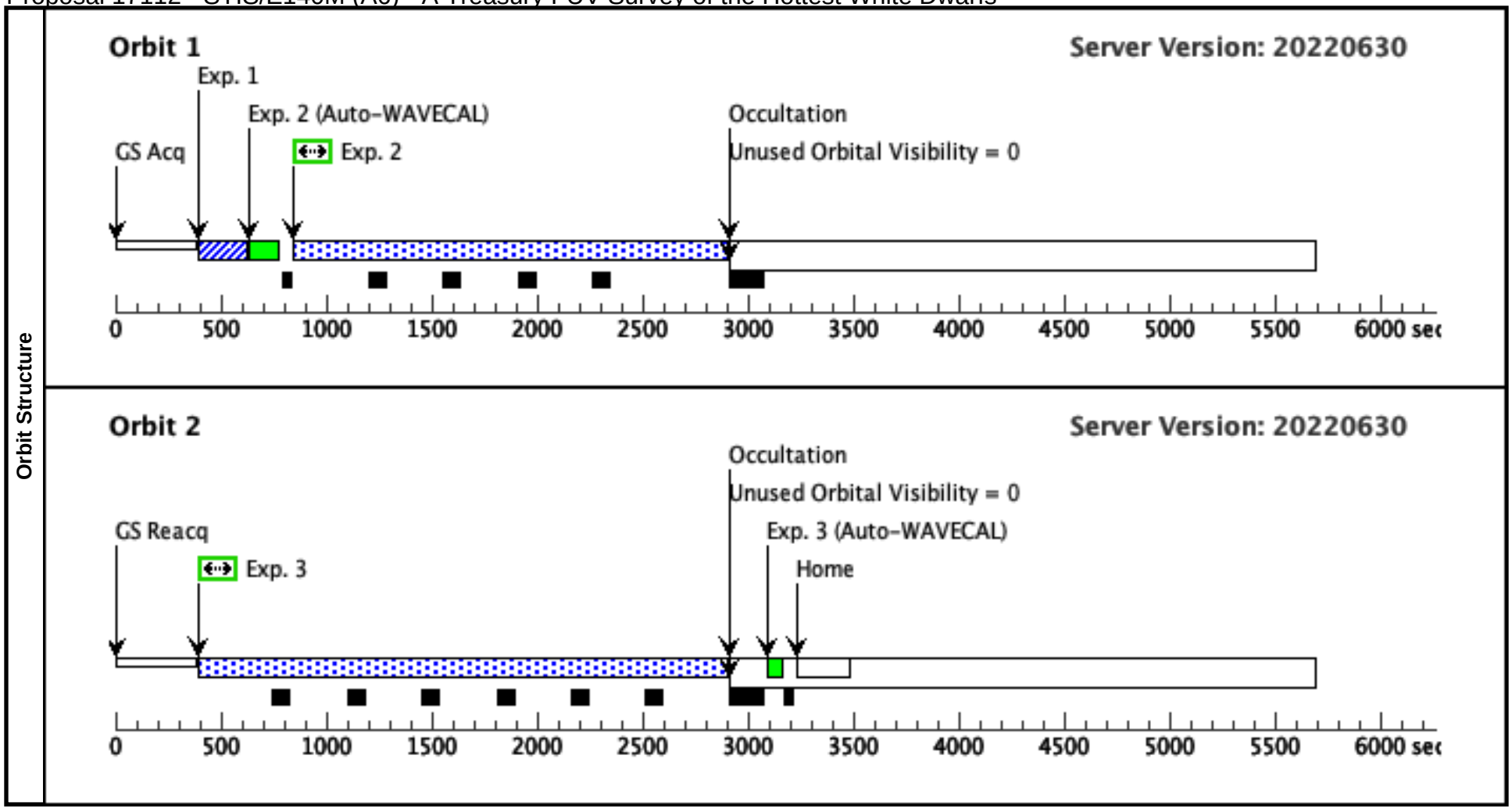
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	TIC49472361 Alt Name1: GAIAEDR3-4260597185313614976 Alt Name2: WDJ191231.47-033131.86	RA: 19 12 31.4454 (288.1310225d) Dec: -03 31 32.36 (-3.52566d) Equinox: J2000	Proper Motion RA: -26.81075818 mas/yr Proper Motion Dec: -31.09889549 mas/yr Parallax: 0.008033827" Epoch of Position: 2016.0	V=14.203 G/mag=13.992	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(9) TIC49472361	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	***[1]***
2	E140M (STIS.sp.1833393)	(9) TIC49472361	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=354			2040 Secs (2040 Secs) *[==>]*	***[1]***
3	E140M (STIS.sp.1833393)	(9) TIC49472361	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=354			2496 Secs (2496 Secs) *[==>]*	***[2]***


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 1
Exp. 2 (Auto-WAVECAL)
Occultation
GS Acq
Exp. 2
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 3 (Auto-WAVECAL)
Exp. 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, STIS/E140M (A7), scheduling Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Comments: DAO WD

Fixed Targets

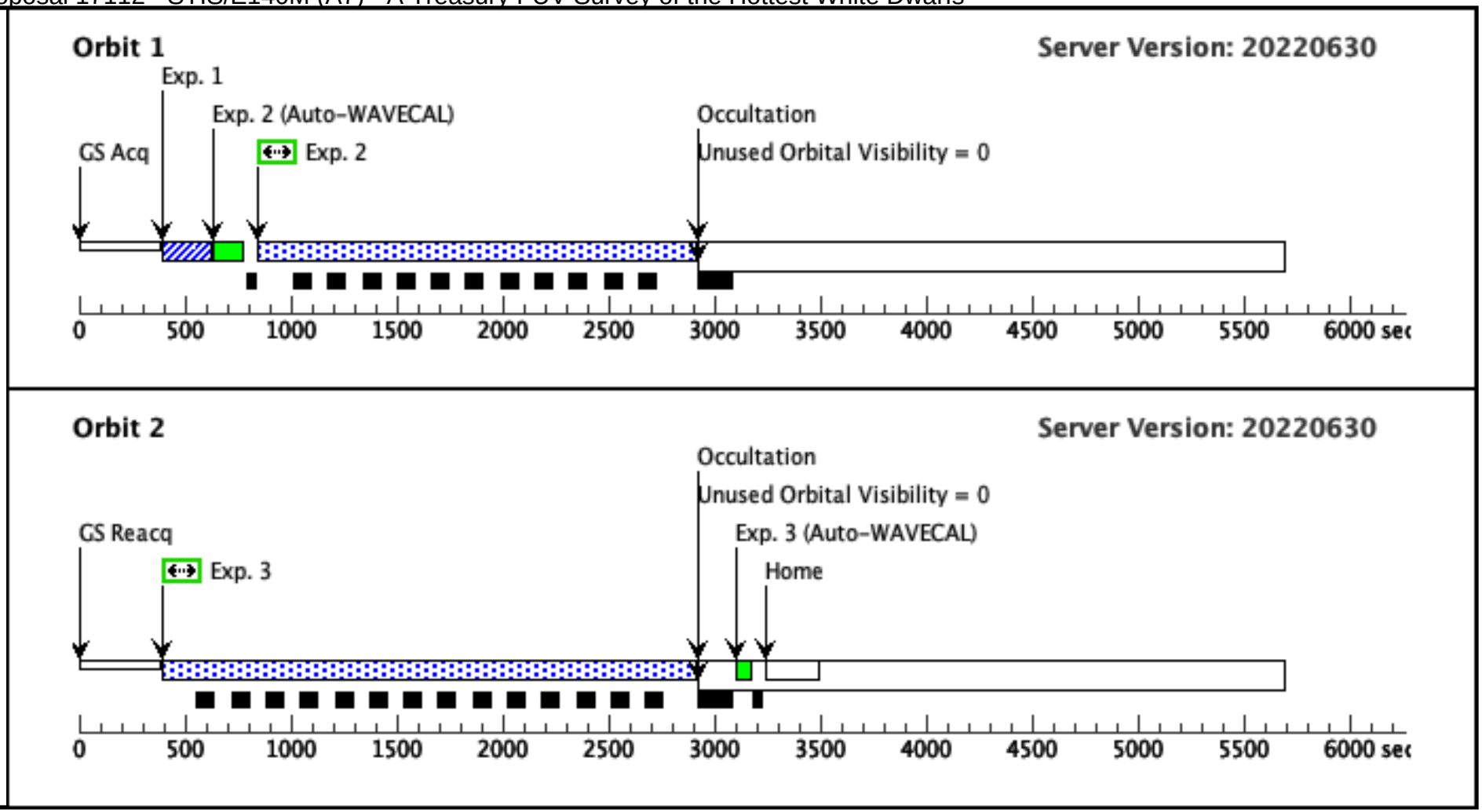
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	TIC79755479 Alt Name1: GAIAEDR3-6684666865906605568 Alt Name2: WDJ194511.31-445954.57	RA: 19 45 11.2866 (296.2970275d) Dec: -44 59 54.60 (-44.99850d) Equinox: J2000	Proper Motion RA: -16.28219092 mas/yr Proper Motion Dec: -1.277351295 mas/yr Parallax: 0.003818998" Epoch of Position: 2016.0	V=14.247 FUV/mag=11.89	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(11) TIC79755479	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	***[1]***
2	E140M (STIS.sp.1833389)	(11) TIC79755479	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=163			2051 Secs (2051 Secs) *[==>]*	***[1]***
3	E140M (STIS.sp.1833389)	(11) TIC79755479	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=163			2507 Secs (2507 Secs) *[==>]*	***[2]***

Orbit Structure



Visit

Proposal 17112, STIS/E140M (A8), scheduling Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Comments: DA WD

Fixed Targets

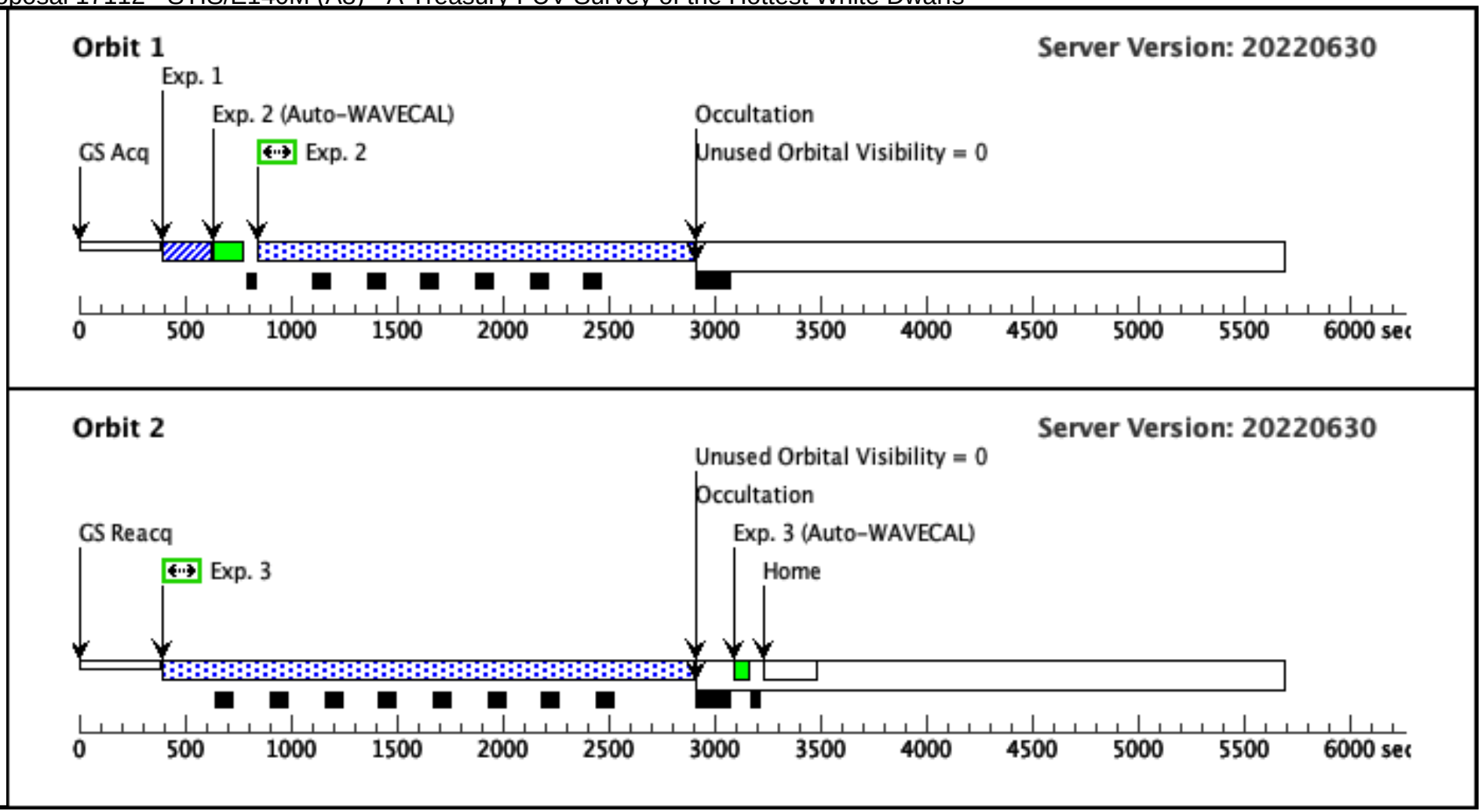
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	TIC422444008 Alt Name1: GAIAEDR3-2645718515969569792 Alt Name2: WDJ232358.69+014026.65	RA: 23 23 58.7781 (350.9949087d) Dec: +01 40 26.59 (1.67405d) Equinox: J2000	Proper Motion RA: 83.90036744 mas/yr Proper Motion Dec: -3.781981308 mas/yr Parallax: 0.005784089" Epoch of Position: 2016.0	V=14.286 FUV/mag=12.03	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(14) TIC422444008	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	***[1]***
2	E140M (STIS.sp.1833392)	(14) TIC422444008	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=256			2040 Secs (2040 Secs) *[==>]*	***[1]***
3	E140M (STIS.sp.1833392)	(14) TIC422444008	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=256			2496 Secs (2496 Secs) *[==>]*	***[2]***

Orbit Structure



Visit

Proposal 17112, STIS/E140M (A9), scheduling Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

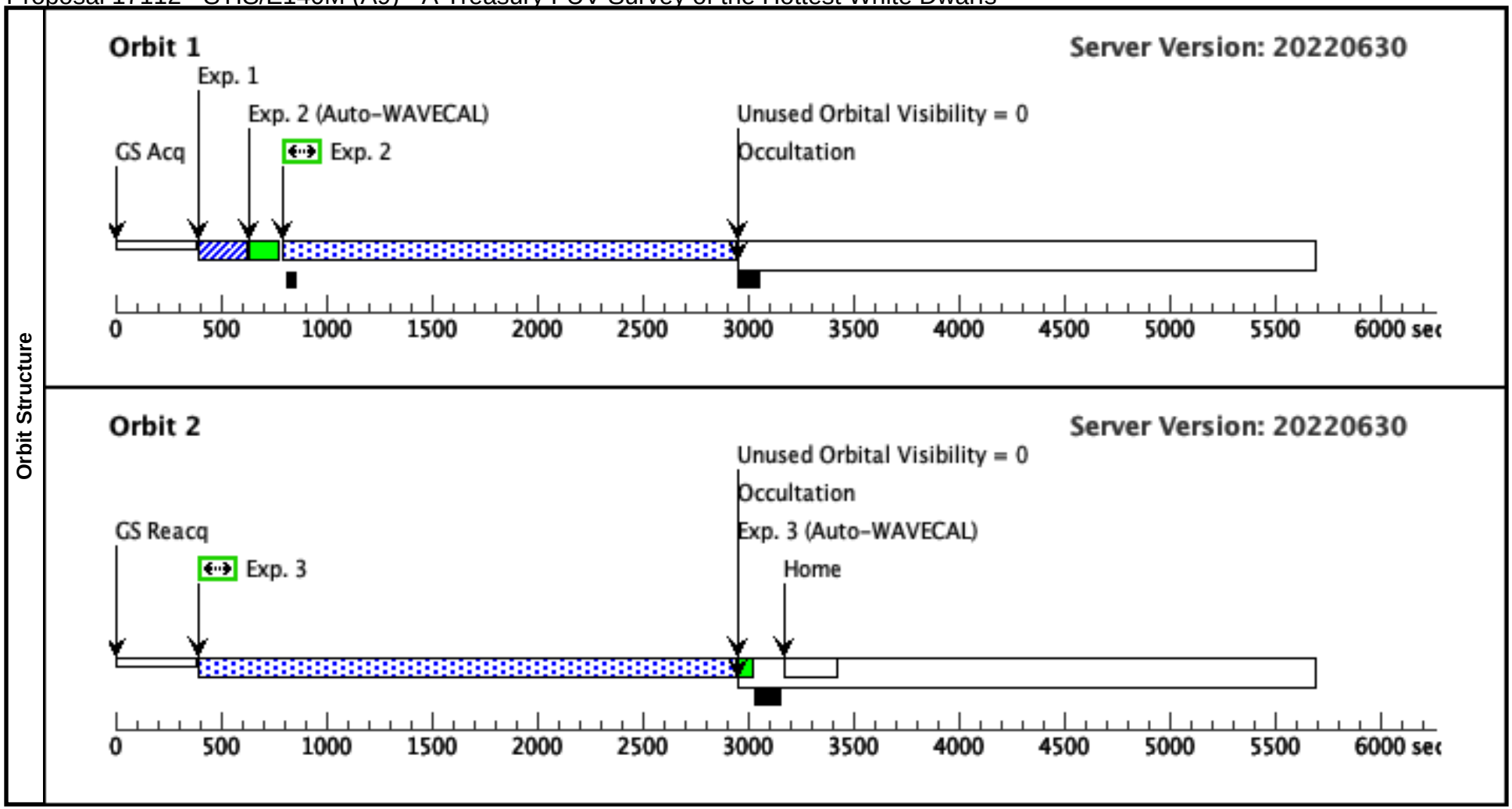
Comments: DA UHE WD

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	TIC88564975 Alt Name1: GAIAEDR3-1099005032089977984 Alt Name2: WDJ070647.52+613350.31 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 07 06 47.5935 (106.6983063d) Dec: +61 33 50.08 (61.56391d) Equinox: J2000	Proper Motion RA: 32.67178557 mas/yr Proper Motion Dec: -14.56326421 mas/yr Parallax: 0.006328629" Epoch of Position: 2016.0	V=13.698 FUV/mag=10.51	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1813243)	(3) TIC88564975	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	*[1]*
2	E140M (STIS.sp.1833386)	(3) TIC88564975	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				2138 Secs (2138 Secs) *[==>]*	*[1]*
3	E140M (STIS.sp.1813245)	(3) TIC88564975	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				2536 Secs (2536 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 1
Exp. 2 (Auto-WAVECAL)
Unused Orbital Visibility = 0
GS Acq
Exp. 2
Occultation
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500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
Unused Orbital Visibility = 0
Occultation
GS Reacq
Exp. 3 (Auto-WAVECAL)
Exp. 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, STIS/E140M (AA), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Comments: DA WD

Fixed Targets

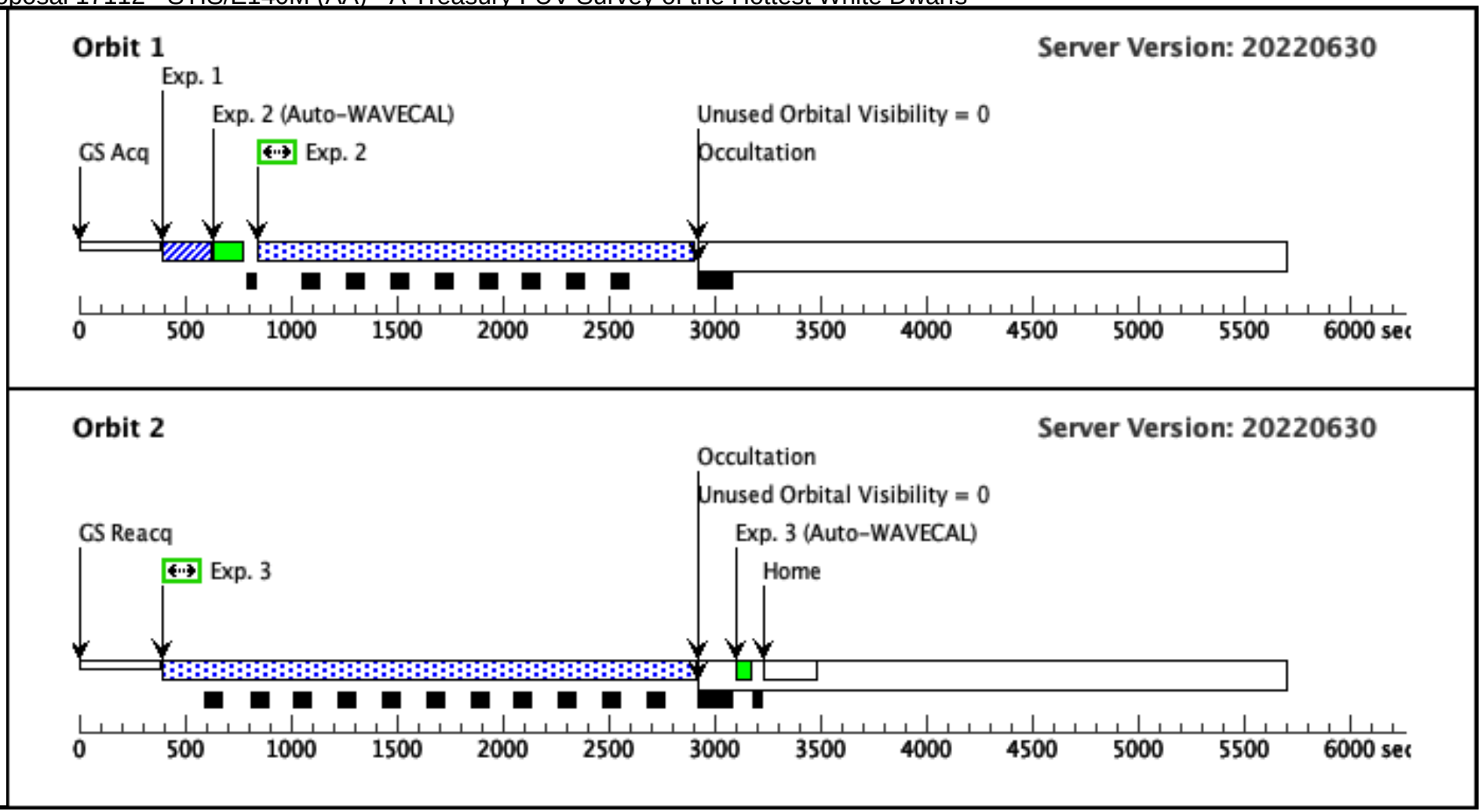
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	TIC380638755 Alt Name1: GAIAEDR3-3910122047137575424 Alt Name2: WDJ114359.35+072905.80	RA: 11 43 59.3105 (175.9971271d) Dec: +07 29 5.24 (7.48479d) Equinox: J2000	Proper Motion RA: -39.16224672 mas/yr Proper Motion Dec: -34.90437749 mas/yr Parallax: 0.005420591" Epoch of Position: 2016.0	V=14.367 FUV/mag=11.57	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(7) TIC380638755	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	***[1]***
2	E140M (STIS.sp.1833391)	(7) TIC380638755	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=208			2044 Secs (2044 Secs) *[==>]*	***[1]***
3	E140M (STIS.sp.1833391)	(7) TIC380638755	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=208			2500 Secs (2500 Secs) *[==>]*	***[2]***

Orbit Structure



Visit

Proposal 17112, STIS/E140M (AB), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

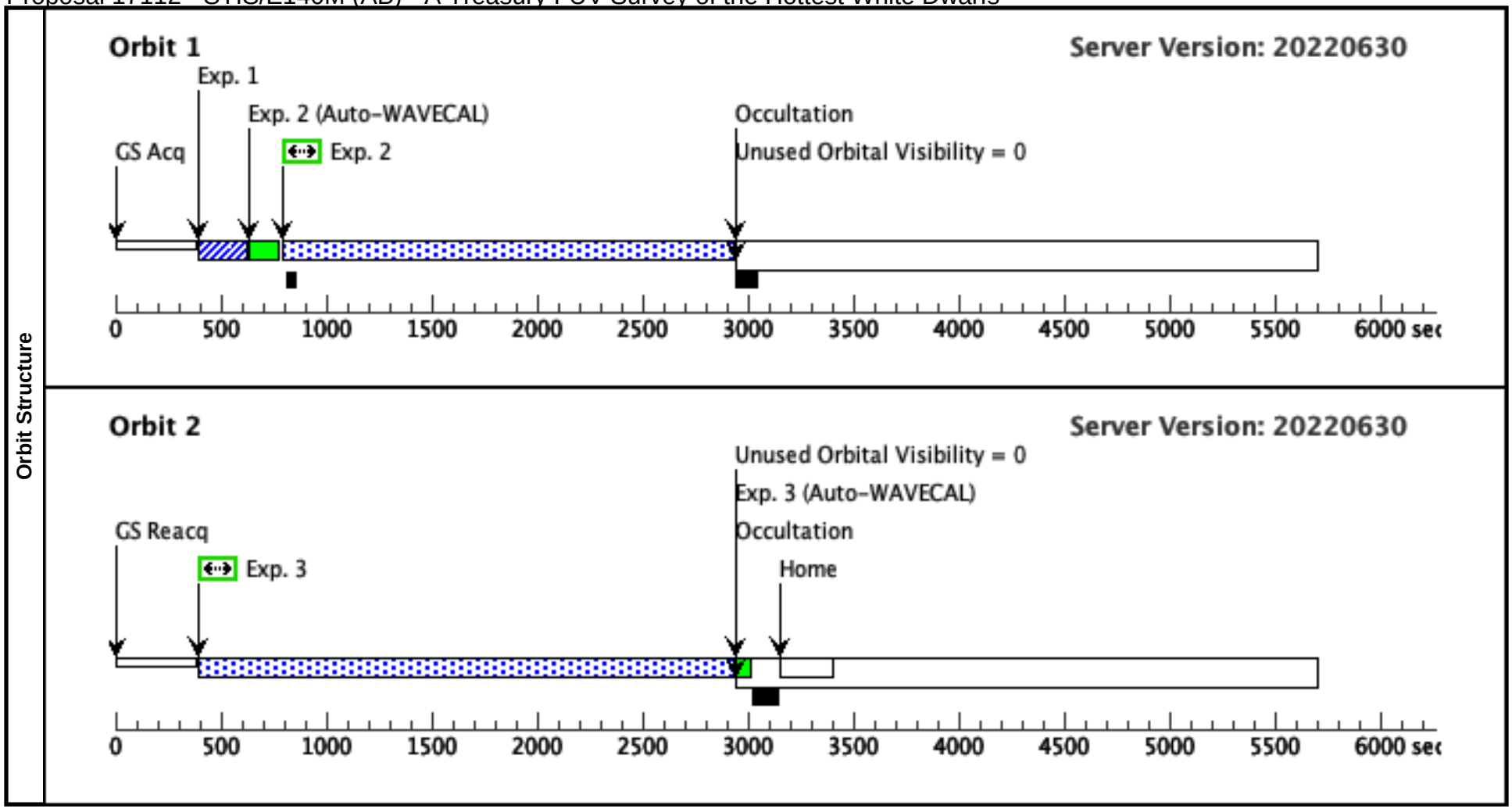
Comments: DOZ WD

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	TIC27688847 Alt Name1: GAIAEDR3-2135760178289273728 Alt Name2: WDJ194344.19+521732.66 *Comments: Category=STAR Description=[DA] Extended=NO*	RA: 19 43 44.2084 (295.9342017d) Dec: +52 17 32.77 (52.29244d) Equinox: J2000	Proper Motion RA: 10.80493557 mas/yr Proper Motion Dec: 6.795840712 mas/yr Parallax: 0.007772797" Epoch of Position: 2016.0	V=13.935 NUV/mag=12.15	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(10) TIC27688847	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	*[1]*
2	E140M (STIS.sp.1833388)	(10) TIC27688847	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				2122 Secs (2122 Secs) *[==>]*	*[1]*
3	E140M (STIS.sp.1813246)	(10) TIC27688847	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				2520 Secs (2520 Secs) *[==>]*	*[2]*


Orbit Structure
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Server Version: 20220630
Exp. 1
Exp. 2 (Auto-WAVECAL)
Occultation
GS Acq
Exp. 2
Unused Orbital Visibility = 0
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500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
Unused Orbital Visibility = 0
Exp. 3 (Auto-WAVECAL)
GS Reacq
Occultation
Exp. 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, STIS/E140M (AC), scheduling Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Comments: DA WD

Fixed Targets

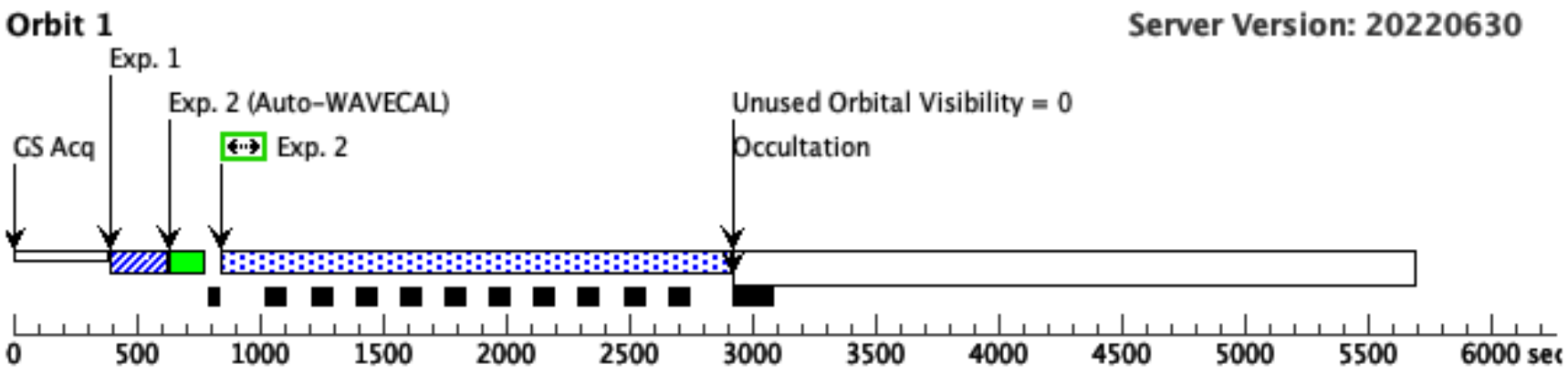
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	TIC14976740 Alt Name1: GAIAEDR3-1848336633214247808 Alt Name2: WDJ212458.16+282602.63	RA: 21 24 58.1085 (321.2421187d) Dec: +28 26 1.79 (28.43383d) Equinox: J2000	Proper Motion RA: -46.35352735 mas/yr Proper Motion Dec: -52.12555905 mas/yr Parallax: 0.008333231" Epoch of Position: 2016.0	V=13.952 FUV/mag=11.68	Reference Frame: ICRS

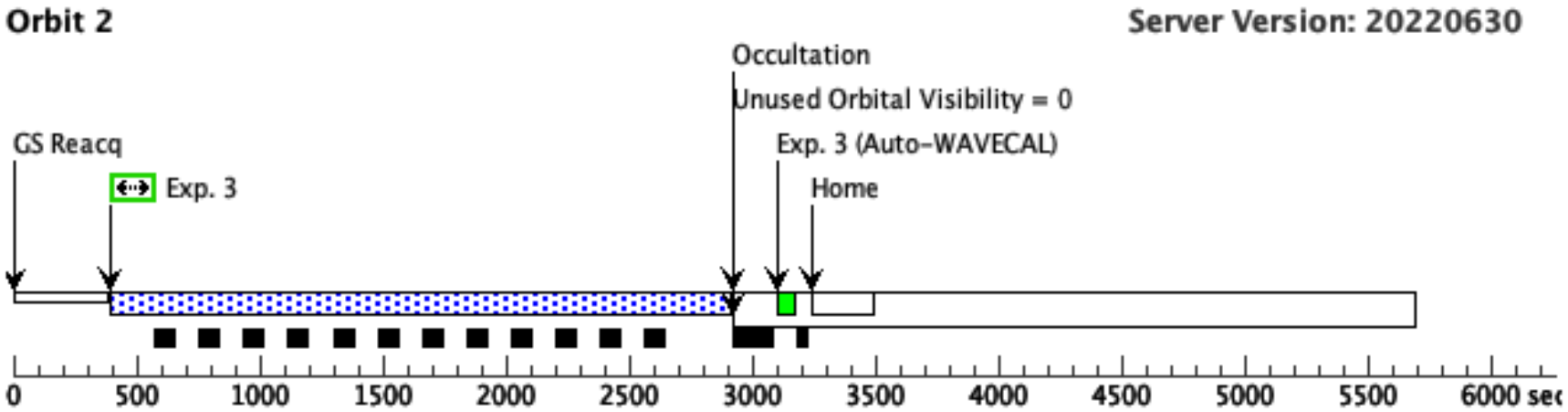
Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(12) TIC14976740	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	***[1]***
2	E140M (STIS.sp.1833390)	(12) TIC14976740	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=181			2050 Secs (2050 Secs) *[==>]*	***[1]***
3	E140M (STIS.sp.1833390)	(12) TIC14976740	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=181			2506 Secs (2506 Secs) *[==>]*	***[2]***

Orbit Structure





Visit

Proposal 17112, STIS/E140M (AD), scheduling Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

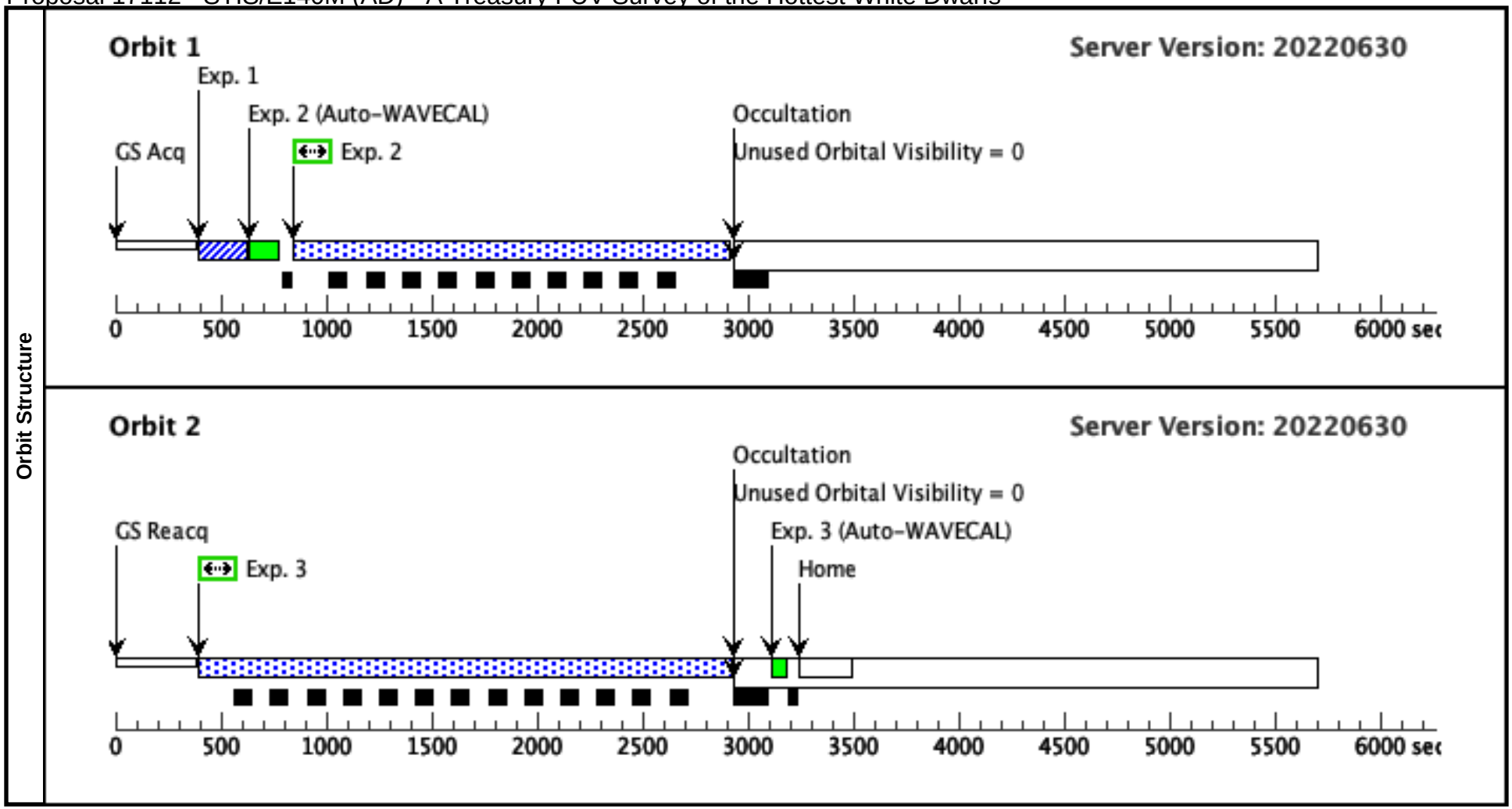
Comments: DAO WD

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	TIC365496228 Alt Name1: GAIAEDR3-1978679995792974720 Alt Name2: WDJ213528.20+490339.14 *Comments: Category=STAR Description=[DA] Extended=NO*	RA: 21 35 28.2390 (323.8676625d) Dec: +49 03 39.13 (49.06087d) Equinox: J2000	Proper Motion RA: 25.26552538 mas/yr Proper Motion Dec: -0.333497343 mas/yr Parallax: 0.002002424" Epoch of Position: 2016.0	V=13.791 G/mag=13.614	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(13) TIC365496228	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	*[1]*
2	E140M (STIS.sp.1813246)	(13) TIC365496228	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=172			2055 Secs (2055 Secs) *[==>]*	*[1]*
3	E140M (STIS.sp.1813246)	(13) TIC365496228	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=172			2511 Secs (2511 Secs) *[==>]*	*[2]*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Server Version: 20220630
Exp. 1
Exp. 2 (Auto-WAVECAL)
Occultation
GS Acq
Exp. 2
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 3 (Auto-WAVECAL)
Exp. 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, STIS/E140M (AE), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

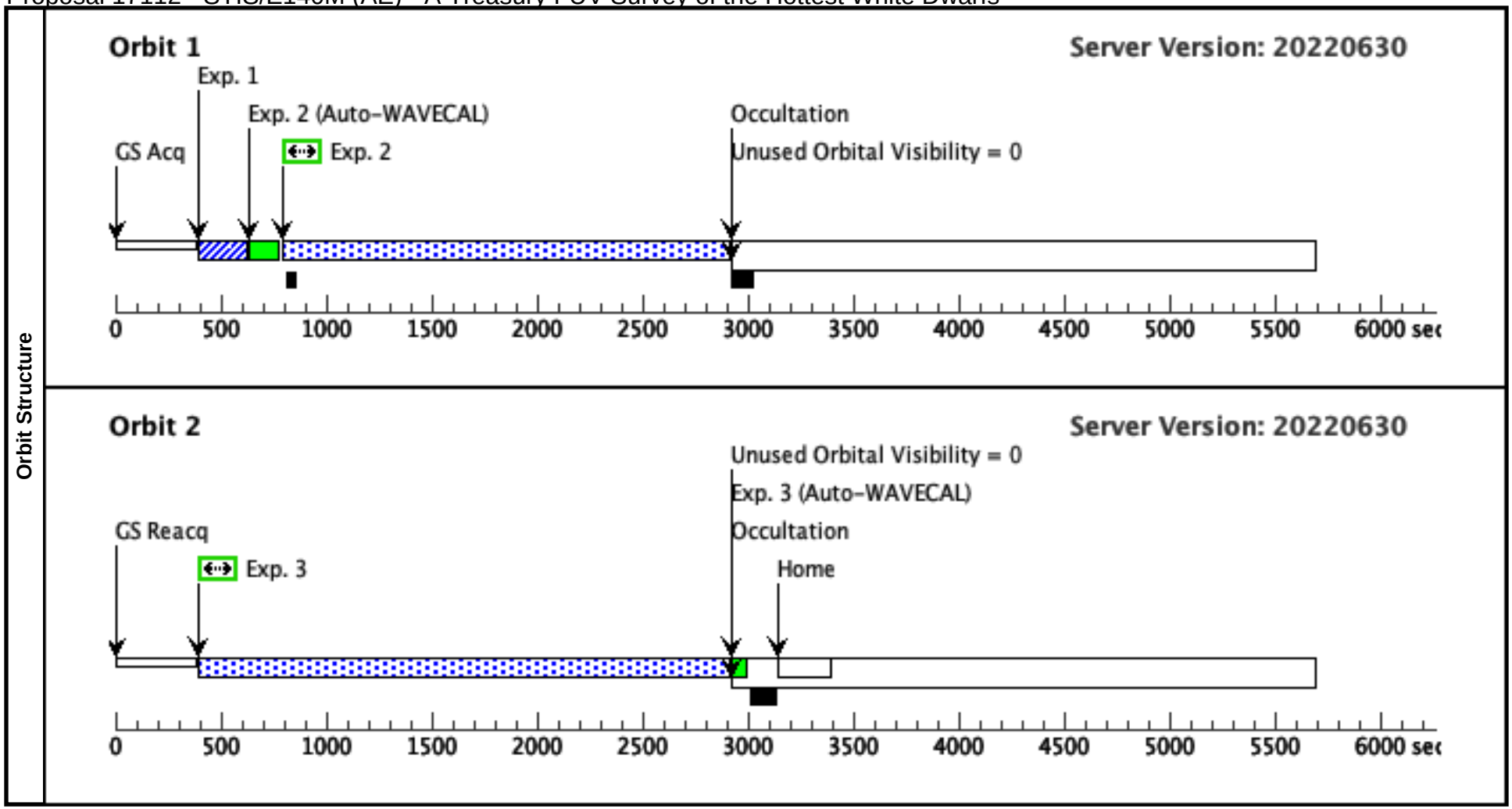
Comments: WD

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	TIC428683815 Alt Name1: GAIAEDR3-3566879187238687872 Alt Name2: WDJ120005.65-190203.97 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 12 00 5.6383 (180.0234929d) Dec: -19 02 3.79 (-19.03439d) Equinox: J2000	Proper Motion RA: -6.522115604 mas/yr Proper Motion Dec: 11.2319332 mas/yr Parallax: 0.002138184" Epoch of Position: 2016.0	V=13.353 NUV/mag=12.94	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1813270)	(8) TIC428683815	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	*[1]*
2	E140M (STIS.sp.1833388)	(8) TIC428683815	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				2109 Secs (2109 Secs) *[==>]*	*[1]*
3	E140M (STIS.sp.1833388)	(8) TIC428683815	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				2507 Secs (2507 Secs) *[==>]*	*[2]*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Server Version: 20220630
Exp. 1
Exp. 2 (Auto-WAVECAL)
Occultation
GS Acq
Exp. 2
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
Unused Orbital Visibility = 0
Exp. 3 (Auto-WAVECAL)
GS Reacq
Occultation
Exp. 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, STIS/E140M (AF), scheduling Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Comments: WD

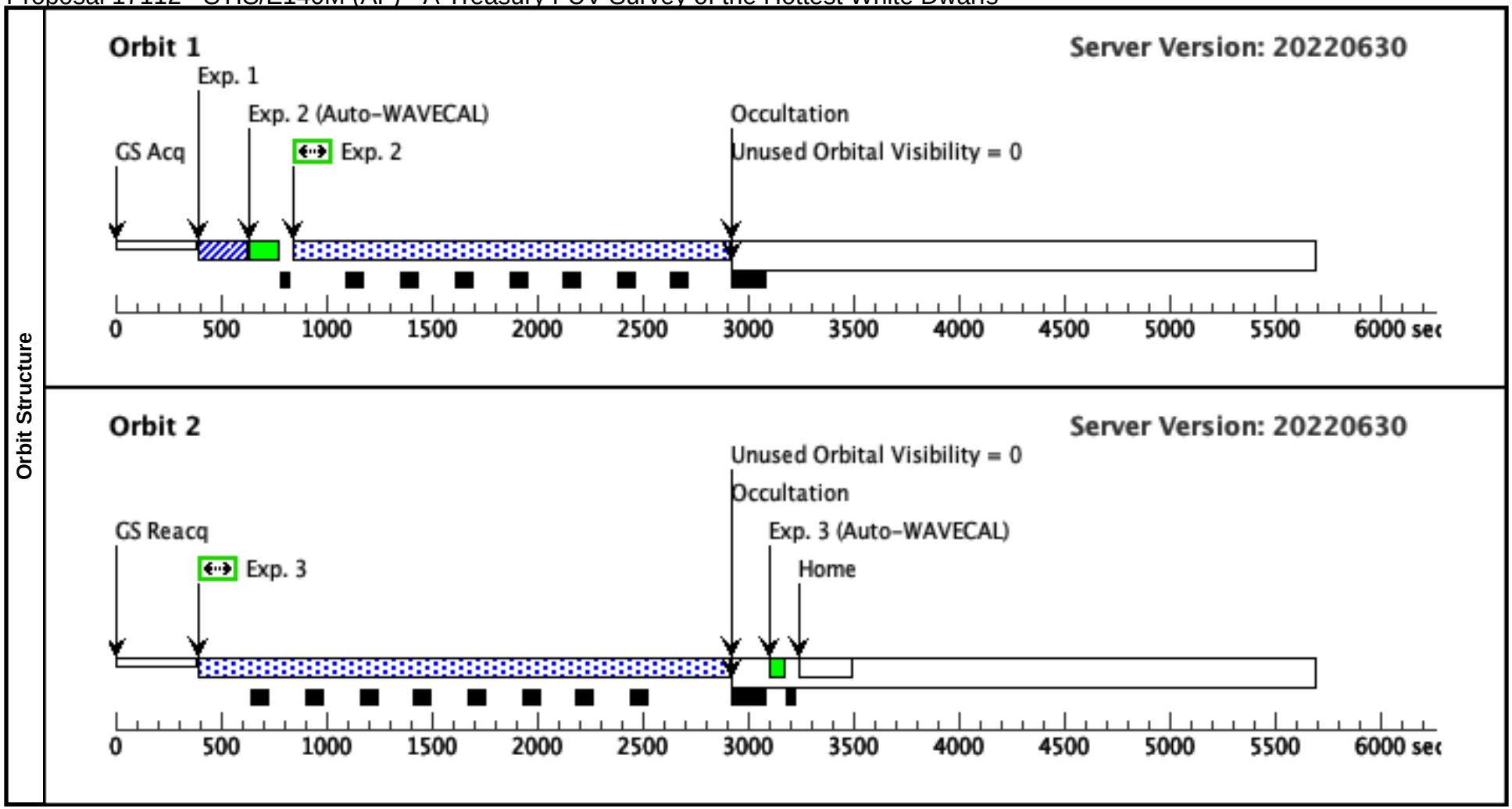
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	TIC357307129 Alt Name1: GAIAEDR3-3958428334589607552	RA: 12 55 33.7158 (193.8904825d) Dec: +25 53 30.64 (25.89184d) Equinox: J2000	Proper Motion RA: -26.39736108 mas/yr Proper Motion Dec: 4.910736425 mas/yr Parallax: 0.002198119" Epoch of Position: 2016.0	V=8.89 NUV/mag=13.23	Reference Frame: ICRS

Comments:
Category=STAR
Description=[PLANETARY NEBULA CENTRAL STAR]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1833312)	(15) TIC357307129	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	E140M (STIS.sp.1833392)	(15) TIC357307129	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=256			2054 Secs (2054 Secs) *[==>]*	***[1]***
3	E140M (STIS.sp.1833392)	(15) TIC357307129	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=256			2506 Secs (2506 Secs) *[==>]*	***[2]***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Exp. 1
Exp. 2 (Auto-WAVECAL)
Occultation
GS Acq
Exp. 2
Unused Orbital Visibility = 0
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1000
1500
2000
2500
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3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
Unused Orbital Visibility = 0
Occultation
GS Reacq
Exp. 3 (Auto-WAVECAL)
Exp. 3
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, STIS/E140M (AG), scheduling Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Comments: DAO WD

Fixed Targets

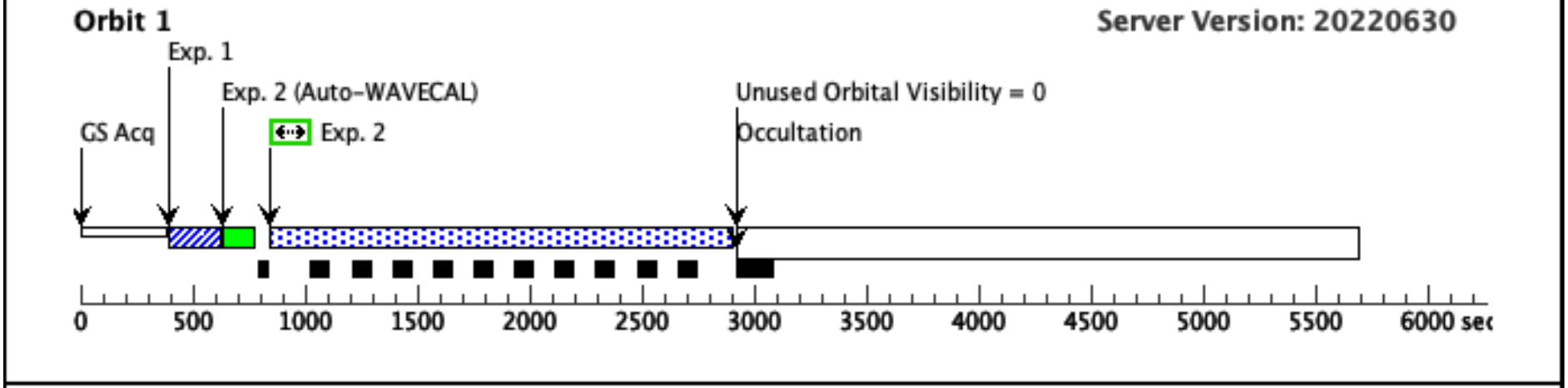
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(37)	TIC186964879 Alt Name1: GAIAEDR3-331954247033853568 Alt Name2: WDJ021558.38+384619.95	RA: 02 15 58.3810 (33.9932542d) Dec: +38 46 19.57 (38.77210d) Equinox: J2000	Proper Motion RA: 0.744414902 mas/yr Proper Motion Dec: -23.85562138 mas/yr Parallax: 0.003222516" Epoch of Position: 2016.0	V=14.126 NUV/mag=13.51	Reference Frame: ICRS

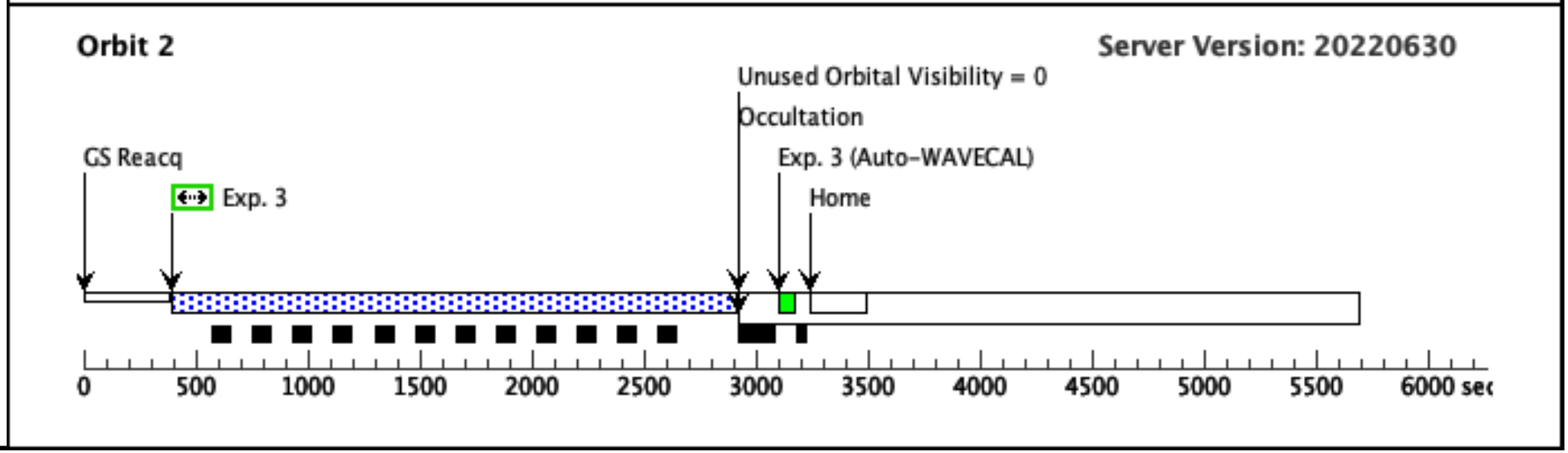
Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (STIS.ta.1814610)	(37) TIC186964879	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs) *[==>]*	***[1]***
2	E140M (STIS.sp.1833390)	(37) TIC186964879	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=181			2049 Secs (2049 Secs) *[==>]*	***[1]***
3	E140M (STIS.sp.1813201)	(37) TIC186964879	STIS/FUV-MAMA, TIME-TAG, 0.2X0.2	E140M 1425 A	BUFFER-TIME=181			2505 Secs (2505 Secs) *[==>]*	***[2]***

Orbit Structure





Visit

Proposal 17112, COS/G130M (B1), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

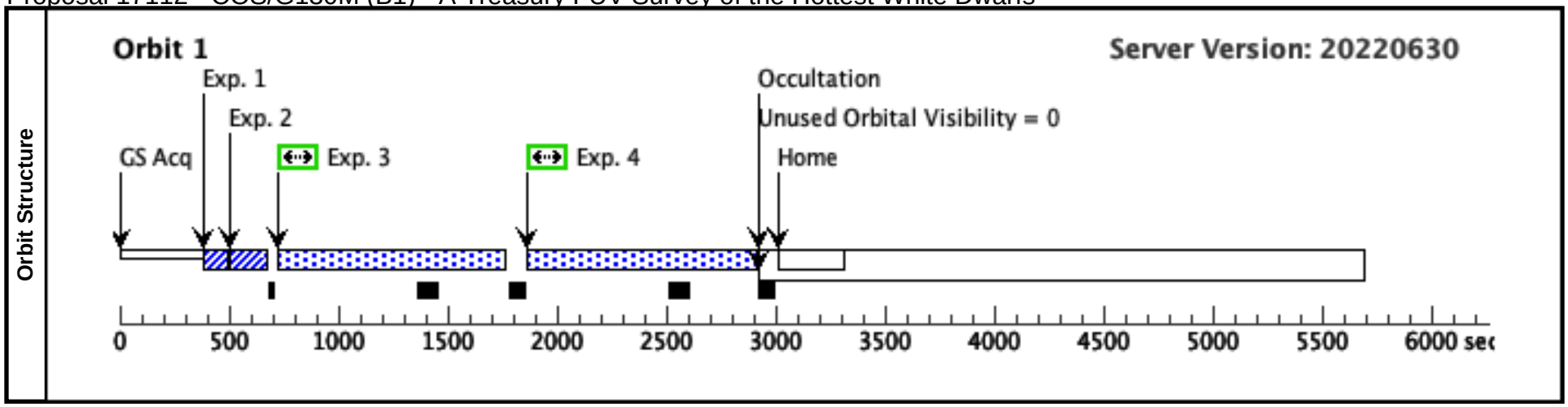
(COS/G130M (B1)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(57)	TIC760481896 Alt Name1: GAIAEDR3-3150708057532318208 Alt Name2: WDJ075145.59+105931.36 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 07 51 45.5879 (117.9399496d) Dec: +10 59 31.29 (10.99202d) Equinox: J2000	Proper Motion RA: -4.611199706 mas/yr Proper Motion Dec: -4.512640775 mas/yr Parallax: 0.002899604" Epoch of Position: 2016.0	V=16.79 FUV/mag=14.82	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813331)	(57) TIC760481896	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813331)	(57) TIC760481896	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813058)	(57) TIC760481896	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=608			992 Secs (992 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813058)	(57) TIC760481896	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=608			993 Secs (993 Secs) *[==>]*	*[1]*


Orbit Structure
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Server Version: 20220630
Exp. 1
Exp. 2
Exp. 3
Exp. 4
GS Acq
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (B2), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

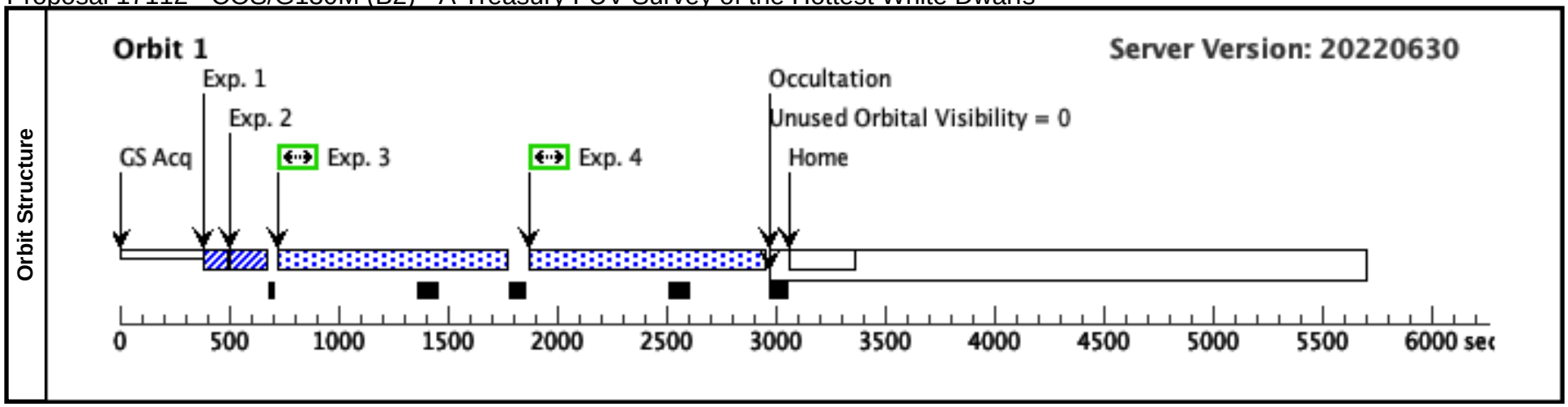
(COS/G130M (B2)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(66)	TIC841258872 Alt Name1: GAIAEDR3-1070853961005794048 Alt Name2: WDJ093559.83+685201.55 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 09 35 59.8298 (143.9992908d) Dec: +68 52 1.42 (68.86706d) Equinox: J2000	Proper Motion RA: -1.169518432 mas/yr Proper Motion Dec: -8.076975206 mas/yr Parallax: 0.001723851" Epoch of Position: 2016.0	V=16.737 FUV/mag=15.23	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813331)	(66) TIC841258872	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813331)	(66) TIC841258872	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813058)	(66) TIC841258872	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=608			1000 Secs (1000 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813058)	(66) TIC841258872	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=608			1028 Secs (1028 Secs) *[==>]*	*[1]*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Exp. 2
Exp. 3
Exp. 4
GS Acq
Occultation
Unused Orbital Visibility = 0
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0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (B3), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (B3)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

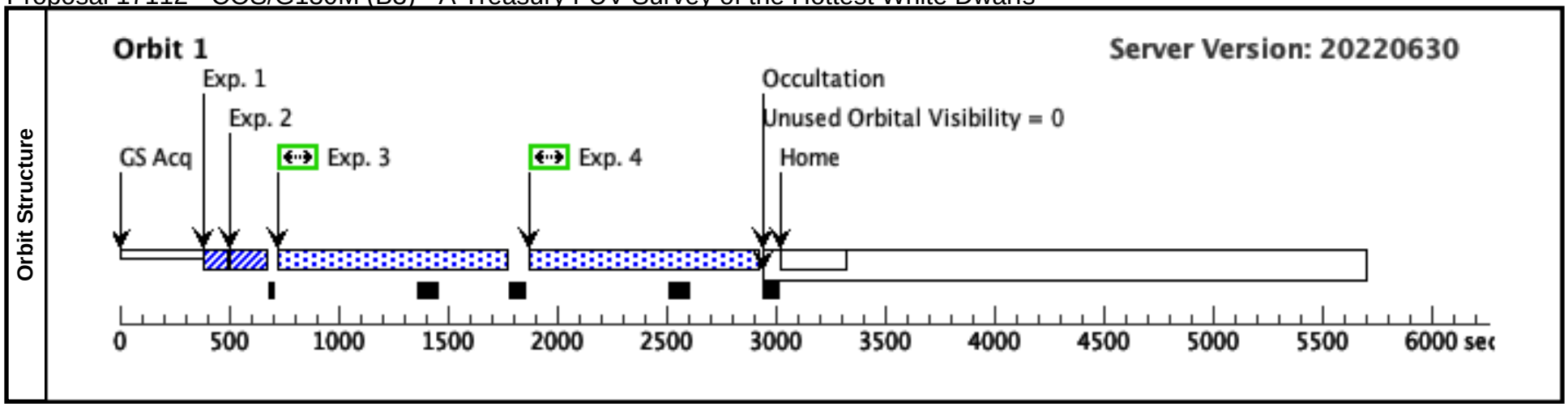
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(91)	TIC48446609 Alt Name1: GAIAEDR3-2134077749400112128 Alt Name2: WDJ185832.09+514857.52	RA: 18 58 32.0773 (284.6336554d) Dec: +51 48 57.38 (51.81594d) Equinox: J2000	Proper Motion RA: -6.491150688 mas/yr Proper Motion Dec: -8.864975108 mas/yr Parallax: 0.001238025" Epoch of Position: 2016.0	V=16.112 NUV/mag=15.33	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813331)	(91) TIC48446609	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813331)	(91) TIC48446609	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813058)	(91) TIC48446609	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=608			1000 Secs (1000 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813058)	(91) TIC48446609	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=608			1000 Secs (1000 Secs) *[==>]*	*[1]*


Orbit Structure
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Server Version: 20220630
Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
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3500
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5000
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6000 sec

Visit

Proposal 17112, COS/G130M (C1), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

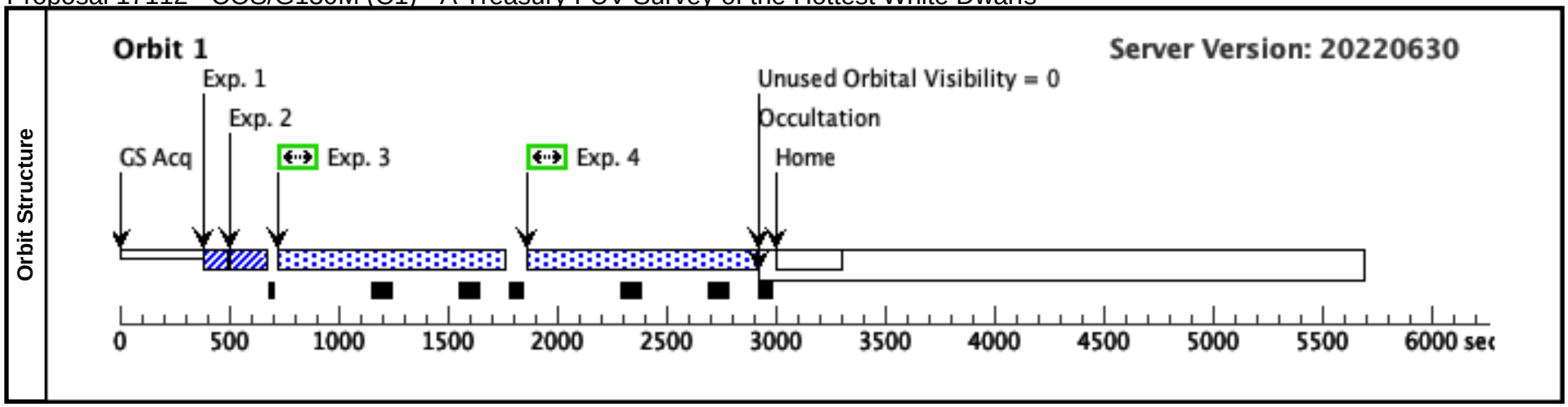
(COS/G130M (C1)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(36)	TIC621144212 Alt Name1: GAIAEDR3-332147451843686656 Alt Name2: WDJ020915.25+372504.26 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 02 09 15.2789 (32.3136621d) Dec: +37 25 4.55 (37.41793d) Equinox: J2000	Proper Motion RA: 18.72371866 mas/yr Proper Motion Dec: 18.04319456 mas/yr Parallax: 0.002720512" Epoch of Position: 2016.0	V=16.26 NUV/mag=14.83	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813282)	(36) TIC621144212	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813282)	(36) TIC621144212	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813058)	(36) TIC621144212	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=399			995 Secs (995 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813058)	(36) TIC621144212	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=399			1000 Secs (1000 Secs) *[==>]*	*[1]*


Orbit Structure
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Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
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Occultation
Home
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500
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3000
3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (C2), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

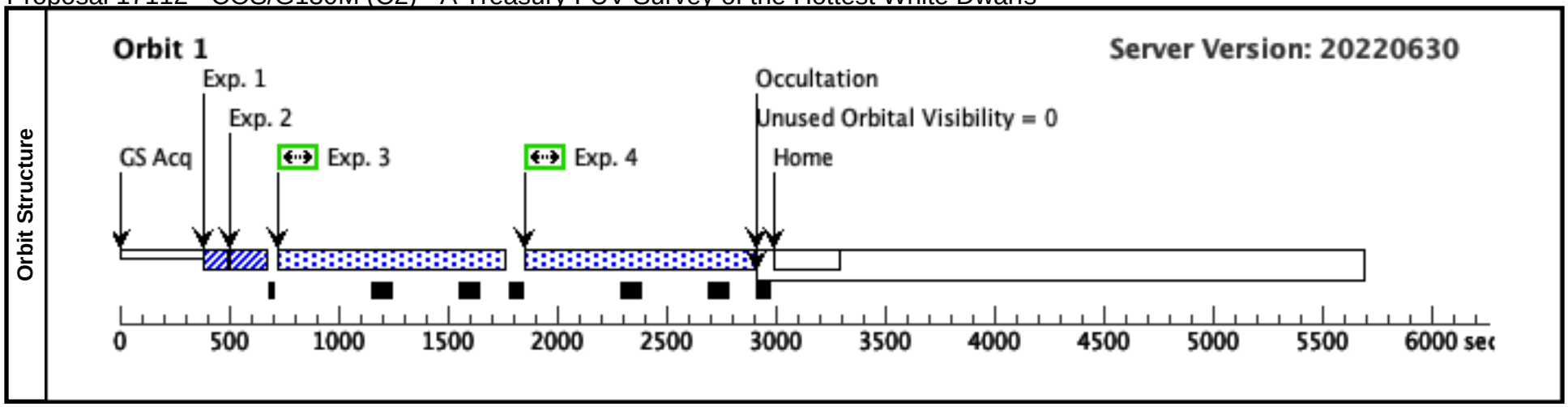
(COS/G130M (C2)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(42)	TIC4068779 Alt Name1: GAIAEDR3-3210273928166901632 Alt Name2: WDJ051949.17-044300.03 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 05 19 49.1833 (79.9549304d) Dec: -04 42 59.95 (-4.71665d) Equinox: J2000	Proper Motion RA: 15.40188607 mas/yr Proper Motion Dec: 4.972156515 mas/yr Parallax: 0.003068811" Epoch of Position: 2016.0	V=15.957 NUV/mag=15	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813282)	(42) TIC4068779	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813282)	(42) TIC4068779	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813058)	(42) TIC4068779	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=399			993 Secs (993 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813058)	(42) TIC4068779	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=399			993 Secs (993 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
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4500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (C3), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

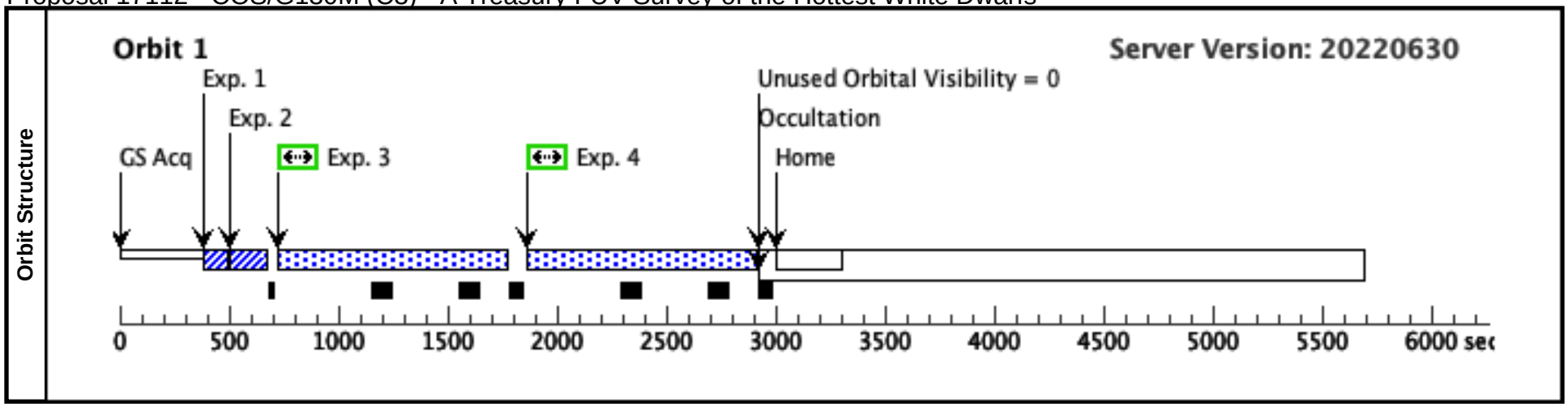
(COS/G130M (C3)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(80)	TIC1100504316 Alt Name1: GAIAEDR3-1185738013981539840 Alt Name2: WDJ144510.28+141345.02 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 14 45 10.2673 (221.2927804d) Dec: +14 13 44.94 (14.22915d) Equinox: J2000	Proper Motion RA: -12.1580809 mas/yr Proper Motion Dec: -4.975108127 mas/yr Parallax: 0.001245746" Epoch of Position: 2016.0	V=16.39 FUV/mag=14.42	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813282)	(80) TIC1100504316	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813282)	(80) TIC1100504316	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813058)	(80) TIC1100504316	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=399			997 Secs (997 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813058)	(80) TIC1100504316	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=399			998 Secs (998 Secs) *[==>]*	*[1]*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Server Version: 20220630
Exp. 1
Exp. 2
Exp. 3
Exp. 4
GS Acq
Unused Orbital Visibility = 0
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (C4), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (C4)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

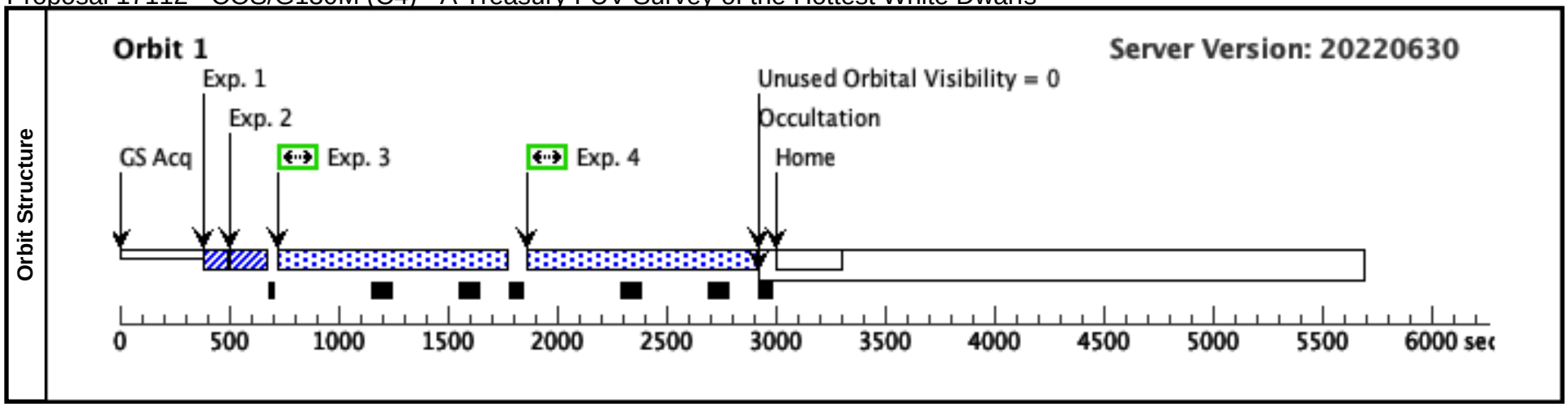
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(97)	TIC1937384331 Alt Name1: GAIAEDR3-1758577348645690752 Alt Name2: WDJ210132.69+135622.59	RA: 21 01 32.7094 (315.3862892d) Dec: +13 56 22.47 (13.93957d) Equinox: J2000	Proper Motion RA: 22.05313315 mas/yr Proper Motion Dec: -7.472290232 mas/yr Parallax: 0.001885671" Epoch of Position: 2016.0	V=16.368 FUV/mag=14.51	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813282)	(97) TIC1937384331	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813282)	(97) TIC1937384331	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813058)	(97) TIC1937384331	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=399			997 Secs (997 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813058)	(97) TIC1937384331	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=399			998 Secs (998 Secs) *[==>]*	*[1]*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Server Version: 20220630
Exp. 1
Exp. 2
Exp. 3
Exp. 4
GS Acq
Unused Orbital Visibility = 0
Occultation
Home
0
500
1000
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3000
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (C5), failed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

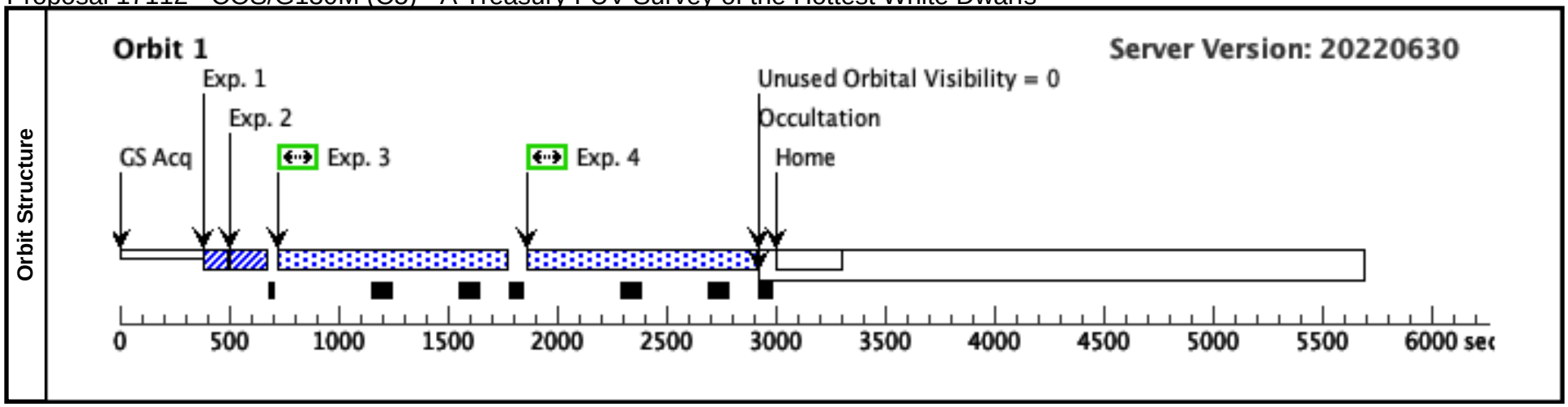
(COS/G130M (C5)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(105)	TIC2002927134 Alt Name1: GAIAEDR3-1893101535448502400 Alt Name2: WDJ220247.69+275010.67 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 22 02 47.7435 (330.6989313d) Dec: +27 50 11.16 (27.83643d) Equinox: J2000	Proper Motion RA: 44.03712294 mas/yr Proper Motion Dec: 30.39834677 mas/yr Parallax: 0.002227472" Epoch of Position: 2016.0	V=16.56 FUV/mag=14.62	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813282)	(105) TIC2002927134	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813282)	(105) TIC2002927134	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813058)	(105) TIC2002927134	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=399			998 Secs (998 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813058)	(105) TIC2002927134	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=399			998 Secs (998 Secs) *[==>]*	*[1]*


Orbit Structure
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Server Version: 20220630
Exp. 1
Exp. 2
Exp. 3
Exp. 4
GS Acq
Unused Orbital Visibility = 0
Occultation
Home
0
500
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3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (C6), scheduled Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR repeat of visit C5

Diagnostics

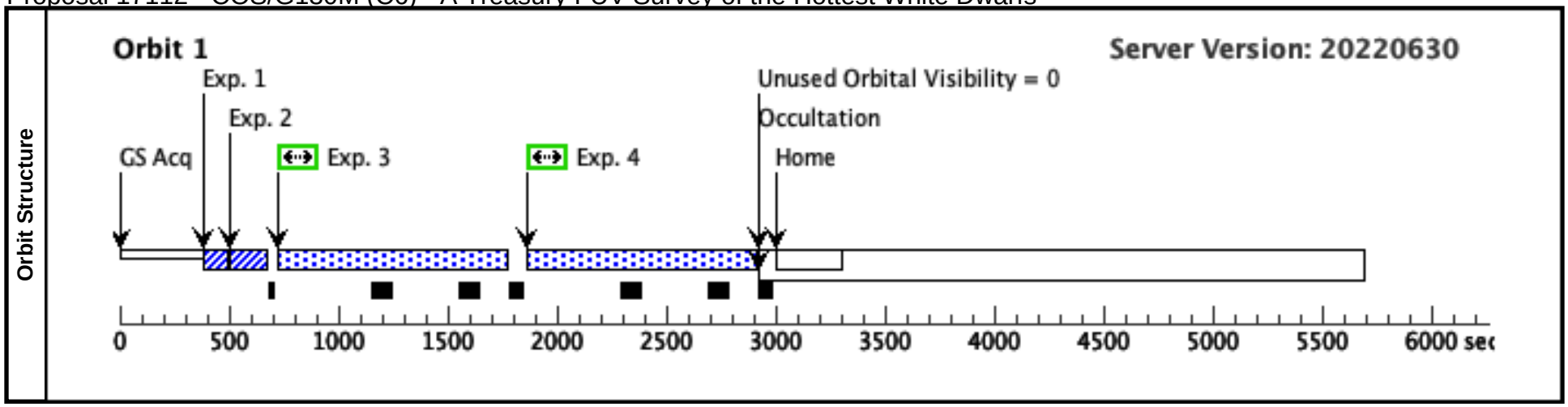
(COS/G130M (C6)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(105)	TIC2002927134 Alt Name1: GAIAEDR3-1893101535448502400 Alt Name2: WDJ220247.69+275010.67 *Comments: Category=STAR Description=[DA] Extended=NO*	RA: 22 02 47.7435 (330.6989313d) Dec: +27 50 11.16 (27.83643d) Equinox: J2000	Proper Motion RA: 44.03712294 mas/yr Proper Motion Dec: 30.39834677 mas/yr Parallax: 0.002227472" Epoch of Position: 2016.0	V=16.56 FUV/mag=14.62	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813282)	(105) TIC2002927134	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813282)	(105) TIC2002927134	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813058)	(105) TIC2002927134	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=399			998 Secs (998 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813058)	(105) TIC2002927134	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=399			998 Secs (998 Secs) *[==>]*	*[1]*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Exp. 1
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Exp. 3
Exp. 4
GS Acq
Unused Orbital Visibility = 0
Occultation
Home
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500
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3500
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4500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (D1), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (D1)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

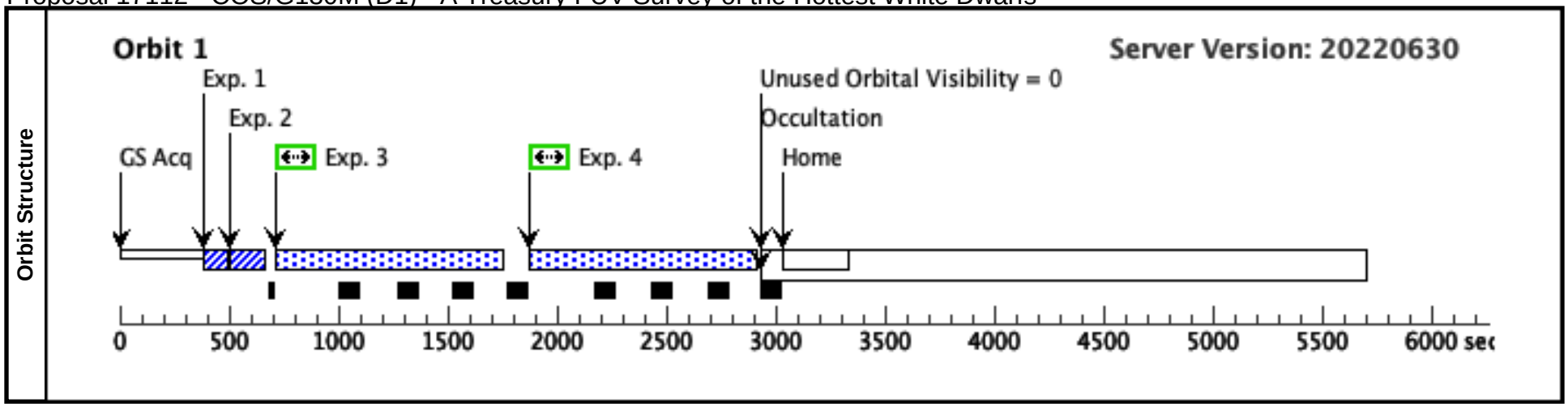
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	TIC11940011 Alt Name1: GAIAEDR3-786919754746647424 Alt Name2: BEUMA	RA: 11 57 44.8454 (179.4368558d) Dec: +48 56 18.11 (48.93836d) Equinox: J2000	Proper Motion RA: 10.70575245 mas/yr Proper Motion Dec: -12.78276647 mas/yr Parallax: 7.07876E-4" Epoch of Position: 2016.0	V=14.82 FUV/mag=13.9	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA, PLANETARY NEBULA CENTRAL STAR]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(16) TIC11940011	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(16) TIC11940011	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(16) TIC11940011	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			990 Secs (990 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(16) TIC11940011	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			990 Secs (990 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Unused Orbital Visibility = 0
Occultation
Home
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (D2), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

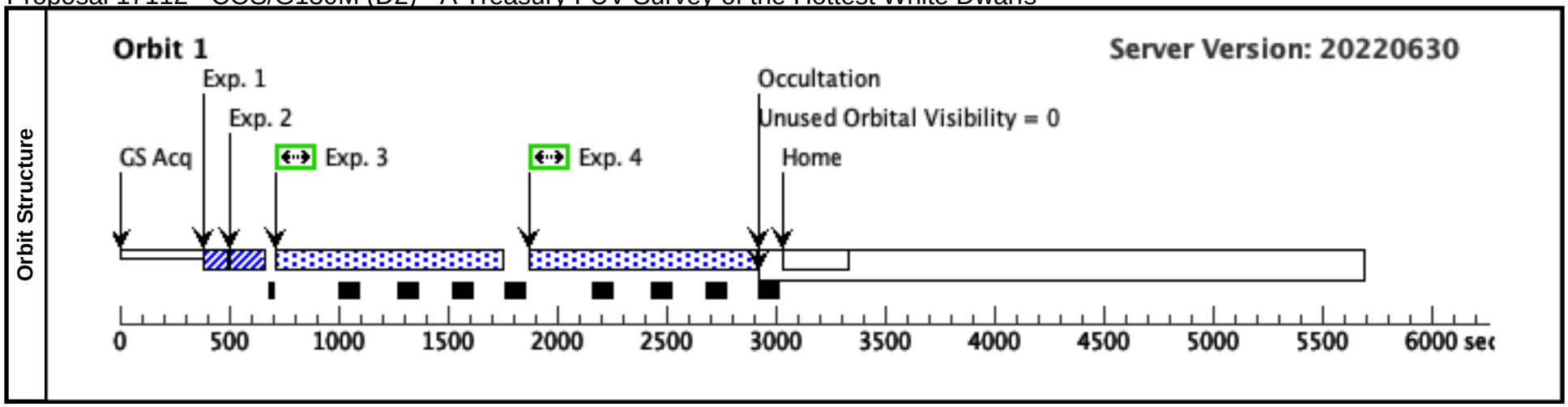
(COS/G130M (D2)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(17)	TIC152819235 Alt Name1: GAIAEDR3-6546151898569986688 Alt Name2: MCT2252-4042 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 22 55 41.5495 (343.9231229d) Dec: -40 26 19.37 (-40.43871d) Equinox: J2000	Proper Motion RA: 16.84018263 mas/yr Proper Motion Dec: -41.63225201 mas/yr Parallax: 0.001096817" Epoch of Position: 2016.0	V=16.095 FUV/mag=13.91	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(17) TIC152819235	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(17) TIC152819235	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(17) TIC152819235	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(17) TIC152819235	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Exp. 2
GS Acq
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
Home
0
500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (D3), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

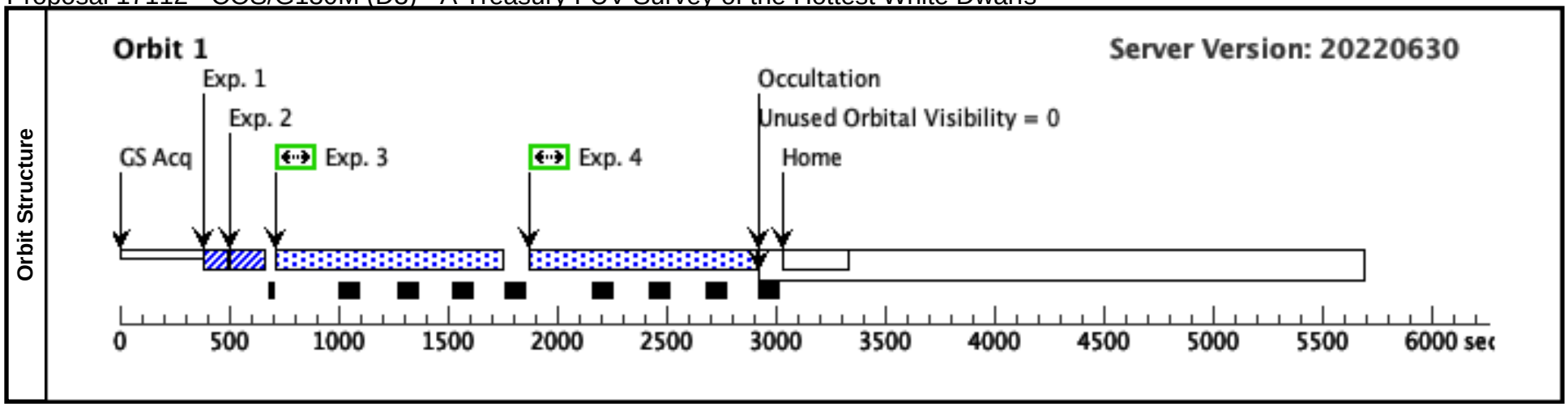
(COS/G130M (D3)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	TIC44489594 Alt Name1: GAIAEDR3-2859600843564001280 Alt Name2: WDJ002841.49+313109.18 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 00 28 41.5133 (7.1729721d) Dec: +31 31 9.19 (31.51922d) Equinox: J2000	Proper Motion RA: 19.89169735 mas/yr Proper Motion Dec: 0.715892104 mas/yr Parallax: 0.002872351" Epoch of Position: 2016.0	V=16.087 FUV/mag=14.13	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(23) TIC44489594	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(23) TIC44489594	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(23) TIC44489594	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			986 Secs (986 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(23) TIC44489594	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Exp. 2
GS Acq
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
Home
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6000 sec

Visit

Proposal 17112, COS/G130M (D4), failed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

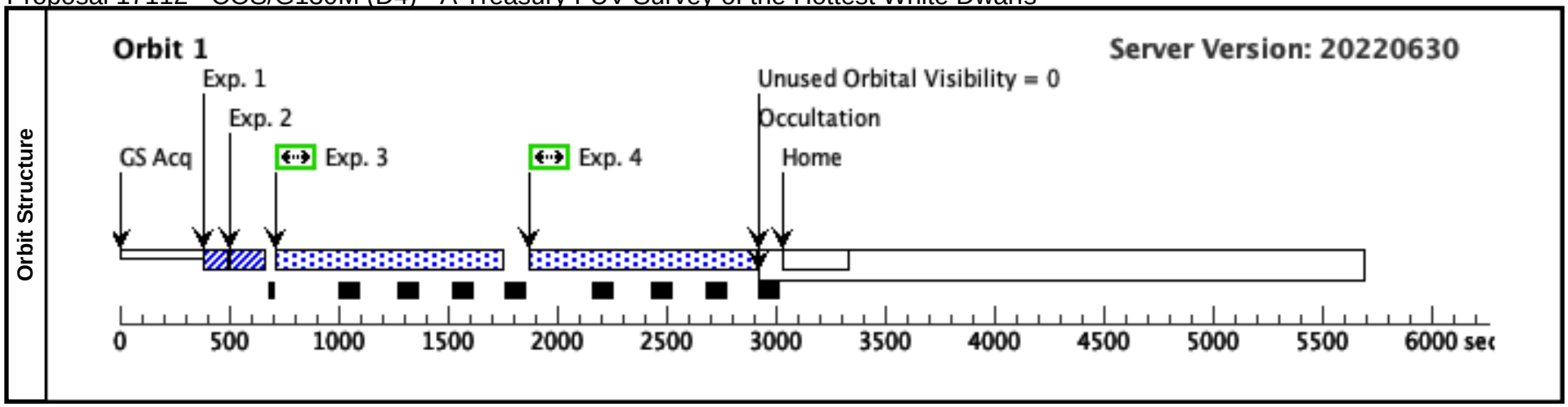
(COS/G130M (D4)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(24)	TIC611305959 Alt Name1: GAIAEDR3-2780903539324180736 Alt Name2: WDJ003213.13+160434.78 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 00 32 13.1373 (8.0547388d) Dec: +16 04 35.02 (16.07639d) Equinox: J2000	Proper Motion RA: 3.942180613 mas/yr Proper Motion Dec: 15.17473234 mas/yr Parallax: 0.002407739" Epoch of Position: 2016.0	V=15.902 FUV/mag=13.89	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(24) TIC611305959	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(24) TIC611305959	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(24) TIC611305959	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(24) TIC611305959	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Unused Orbital Visibility = 0
Occultation
Home
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500
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5500
6000 sec

Visit

Proposal 17112, Visit 4D, scheduling Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR repeat of visit D4

Diagnostics

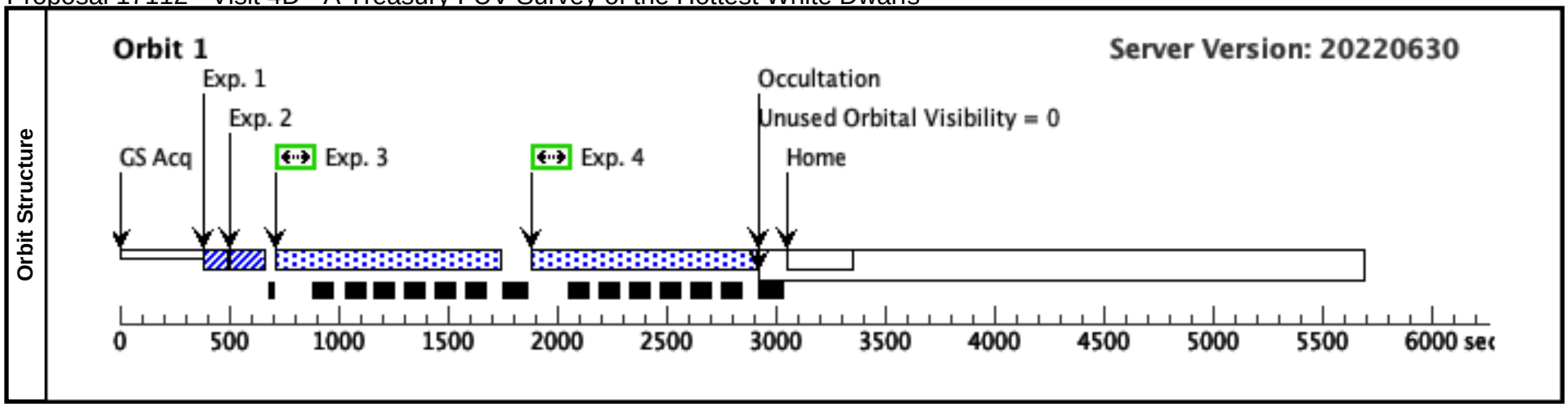
(Visit 4D) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(24)	TIC611305959 Alt Name1: GAIAEDR3-2780903539324180736 Alt Name2: WDJ003213.13+160434.78 *Comments: Category=STAR Description=[DA] Extended=NO*	RA: 00 32 13.1373 (8.0547388d) Dec: +16 04 35.02 (16.07639d) Equinox: J2000	Proper Motion RA: 3.942180613 mas/yr Proper Motion Dec: 15.17473234 mas/yr Parallax: 0.002407739" Epoch of Position: 2016.0	V=15.902 FUV/mag=13.89	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(24) TIC611305959	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(24) TIC611305959	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838568)	(24) TIC611305959	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=139			978 Secs (978 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838568)	(24) TIC611305959	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=139			979 Secs (979 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
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3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (D5), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

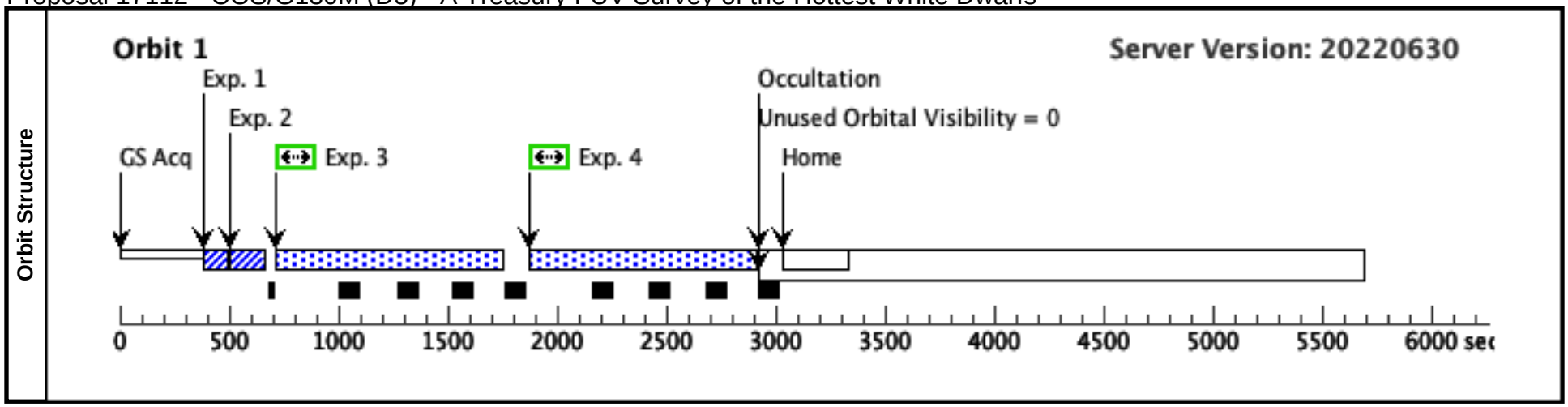
(COS/G130M (D5)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(30)	TIC620903968 Alt Name1: GAIAEDR3-323342459647016448 Alt Name2: WDJ012828.99+385436.63 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 01 28 28.9872 (22.1207800d) Dec: +38 54 36.34 (38.91009d) Equinox: J2000	Proper Motion RA: 0.466721184 mas/yr Proper Motion Dec: -17.97222097 mas/yr Parallax: 0.004235204" Epoch of Position: 2016.0	V=16.005 NUV/mag=14.72	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(30) TIC620903968	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(30) TIC620903968	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(30) TIC620903968	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			986 Secs (986 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(30) TIC620903968	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
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500
1000
1500
2000
2500
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3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (D6), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

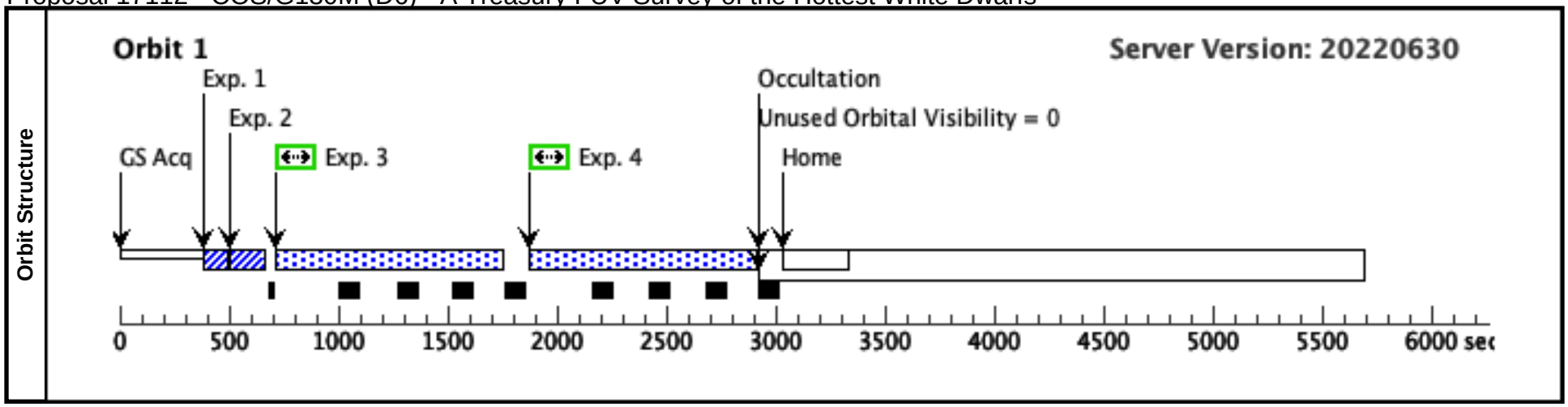
(COS/G130M (D6)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(35)	TIC100907176 Alt Name1: GAIAEDR3-4968128554074903808 Alt Name2: WDJ020725.48-362049.13 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 02 07 25.4816 (31.8561733d) Dec: -36 20 49.15 (-36.34699d) Equinox: J2000	Proper Motion RA: 3.844782756 mas/yr Proper Motion Dec: -0.555372929 mas/yr Parallax: 0.002614883" Epoch of Position: 2016.0	V=16.281 FUV/mag=13.95	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(35) TIC100907176	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(35) TIC100907176	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(35) TIC100907176	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			986 Secs (986 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(35) TIC100907176	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
Home
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500
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3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (D7), completed Thu Apr 20 18:02:33 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

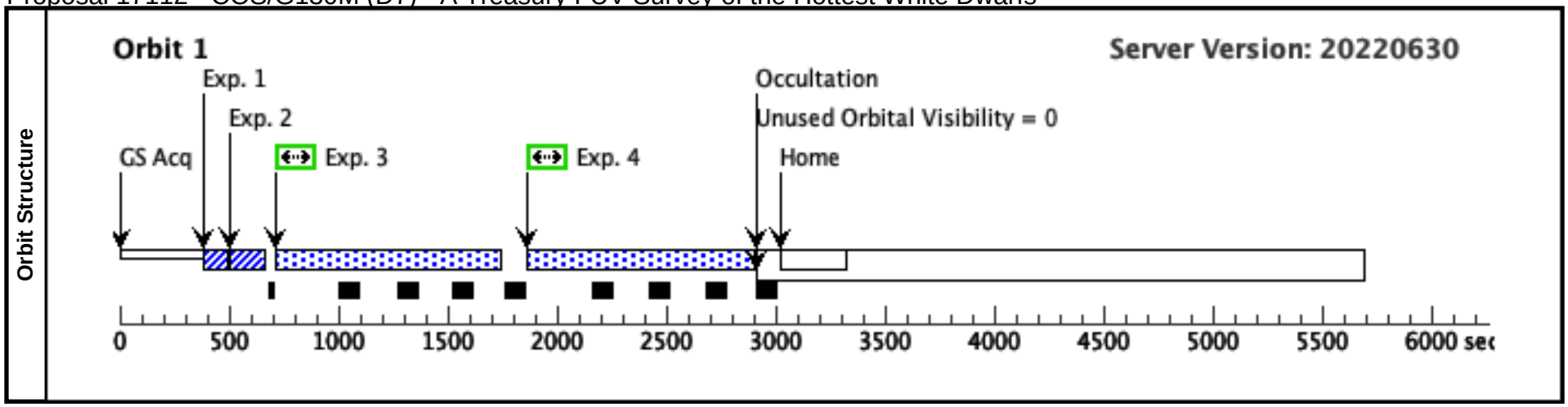
(COS/G130M (D7)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(39)	TIC453835308 Alt Name1: GAIAEDR3-3269762970428815104 Alt Name2: WDJ034831.33+004616.30 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 03 48 31.3371 (57.1305713d) Dec: +00 46 16.23 (.77118d) Equinox: J2000	Proper Motion RA: 8.039749736 mas/yr Proper Motion Dec: -4.294881242 mas/yr Parallax: 0.002537138" Epoch of Position: 2016.0	V=15.633 FUV/mag=14.04	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(39) TIC453835308	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(39) TIC453835308	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(39) TIC453835308	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			982 Secs (982 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(39) TIC453835308	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			983 Secs (983 Secs) *[==>]*	*[1]*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Exp. 2
Exp. 3
Exp. 4
GS Acq
Occultation
Unused Orbital Visibility = 0
Home
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (D8), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

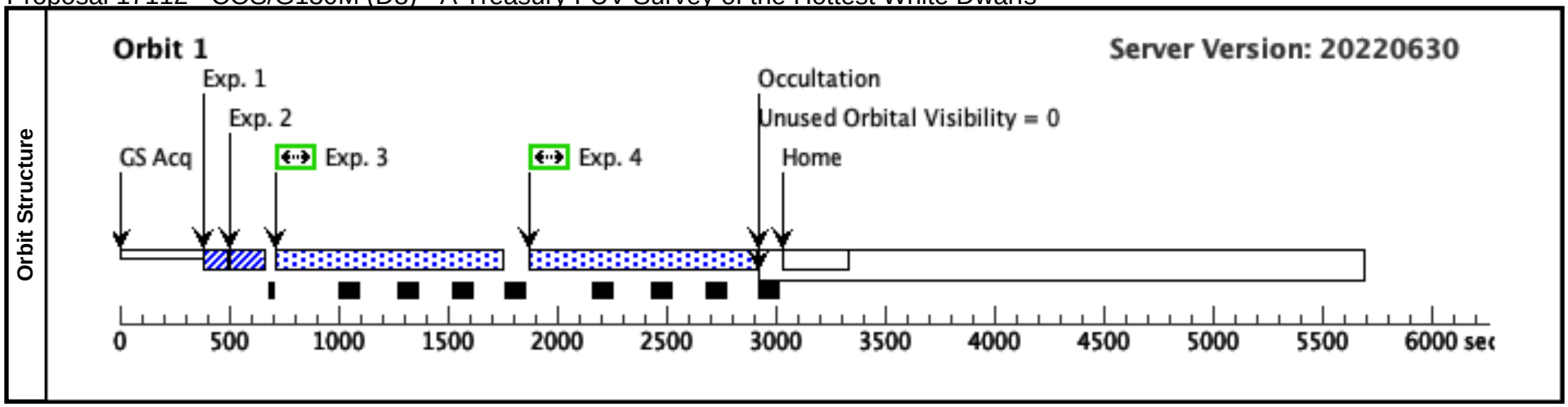
(COS/G130M (D8)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(40)	TIC651568303 Alt Name1: GAIAEDR3-5084249076595619584 Alt Name2: WDJ035904.91-231225.60 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 03 59 4.9101 (59.7704588d) Dec: -23 12 25.30 (-23.20703d) Equinox: J2000	Proper Motion RA: 1.147781806 mas/yr Proper Motion Dec: 18.9139322 mas/yr Parallax: 0.00282868" Epoch of Position: 2016.0	V=15.89 FUV/mag=13.79	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(40) TIC651568303	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(40) TIC651568303	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(40) TIC651568303	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(40) TIC651568303	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Unused Orbital Visibility = 0
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6000 sec

Visit

Proposal 17112, COS/G130M (D9), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

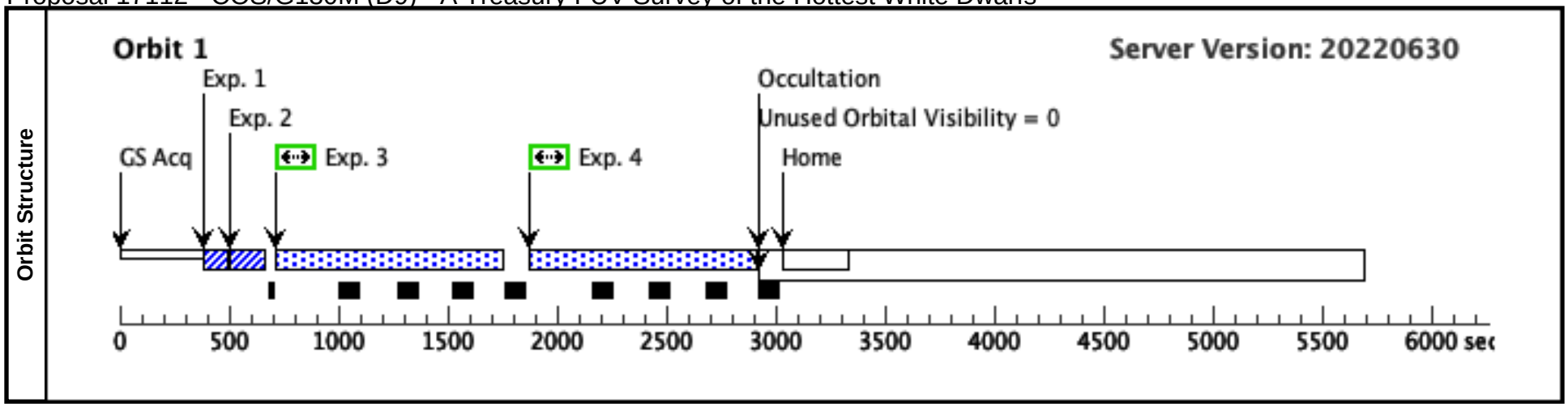
(COS/G130M (D9)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(44)	TIC332858535 Alt Name1: GAIAEDR3-3010524723036818432 Alt Name2: WDJ053810.41-103644.81 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 05 38 10.4070 (84.5433625d) Dec: -10 36 45.91 (-10.61275d) Equinox: J2000	Proper Motion RA: -5.777863823 mas/yr Proper Motion Dec: -68.66631022 mas/yr Parallax: 0.005051683" Epoch of Position: 2016.0	V=14.792 NUV/mag=14.27	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(44) TIC332858535	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(44) TIC332858535	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(44) TIC332858535	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(44) TIC332858535	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			987 Secs (987 Secs) *[==>]*	*[1]*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Exp. 1
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Exp. 4
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Visit

Proposal 17112, COS/G130M (DA), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

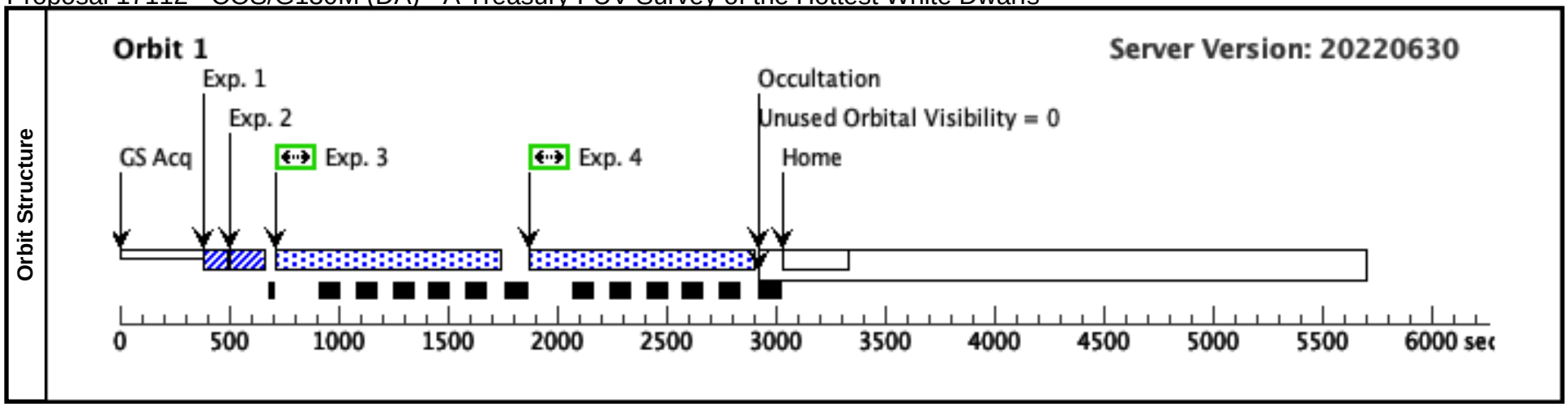
(COS/G130M (DA)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(47)	TIC443024270 Alt Name1: GAIAEDR3-3006514254375269888 Alt Name2: WDJ061906.92-082807.15 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 06 19 6.9335 (94.7788896d) Dec: -08 28 7.33 (-8.46870d) Equinox: J2000	Proper Motion RA: 7.877261312 mas/yr Proper Motion Dec: -11.19737076 mas/yr Parallax: 0.004177088" Epoch of Position: 2016.0	V=15.798 G/mag=15.77	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(47) TIC443024270	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(47) TIC443024270	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838570)	(47) TIC443024270	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			980 Secs (980 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838570)	(47) TIC443024270	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			980 Secs (980 Secs) *[==>]*	*[1]*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Exp. 1
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Exp. 4
Occultation
Unused Orbital Visibility = 0
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Visit

Proposal 17112, COS/G130M (DB), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

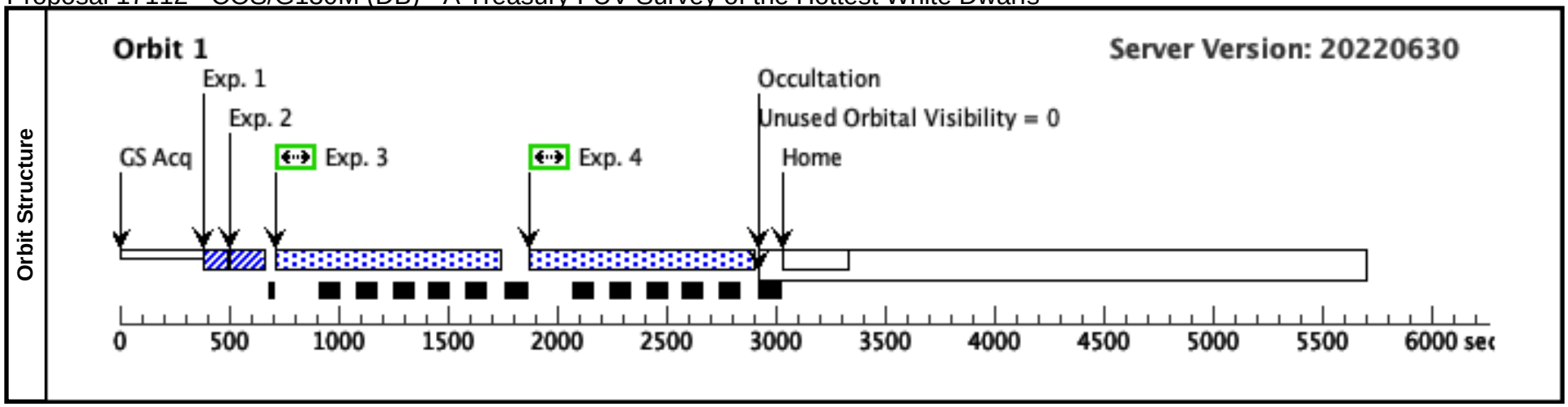
(COS/G130M (DB)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(48)	TIC263291582 Alt Name1: GAIAEDR3-3324207002370180864 Alt Name2: WDJ062145.32+065239.25 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 06 21 45.3184 (95.4388267d) Dec: +06 52 38.99 (6.87750d) Equinox: J2000	Proper Motion RA: -4.882515195 mas/yr Proper Motion Dec: -15.73824143 mas/yr Parallax: 0.002500995" Epoch of Position: 2016.0	V=15.902 NUV/mag=14.36	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(48) TIC263291582	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(48) TIC263291582	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838570)	(48) TIC263291582	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			980 Secs (980 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838570)	(48) TIC263291582	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			980 Secs (980 Secs) *[==>]*	*[1]*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Occultation
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6000 sec

Visit

Proposal 17112, COS/G130M (DC), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

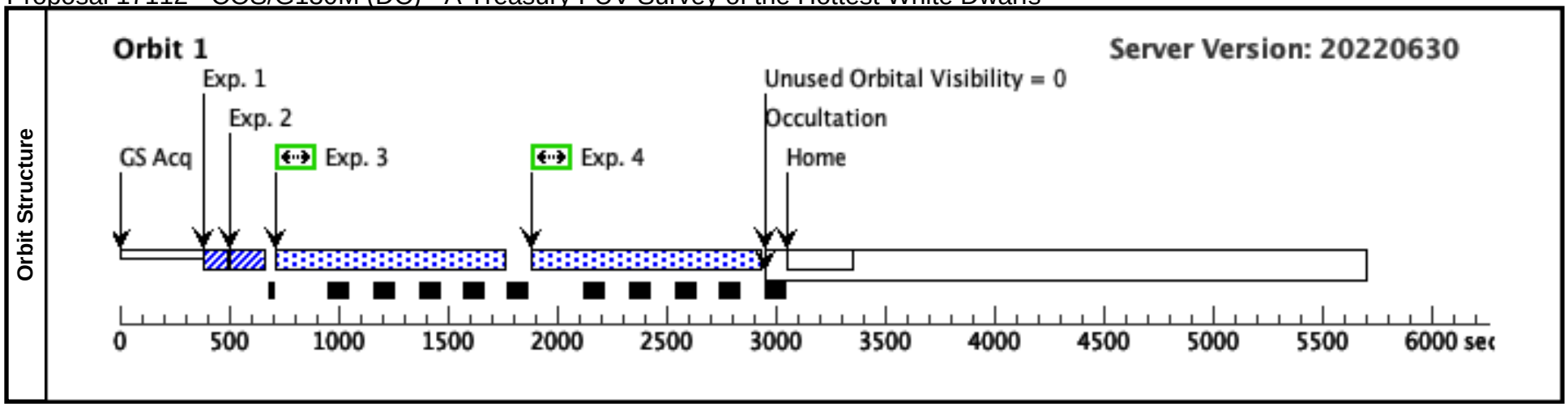
(COS/G130M (DC)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(50)	TIC743051939 Alt Name1: GAIAEDR3-1001088333316993536 Alt Name2: WDJ064527.28+565916.90 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 06 45 27.2796 (101.3636650d) Dec: +56 59 16.69 (56.98797d) Equinox: J2000	Proper Motion RA: 1.501985878 mas/yr Proper Motion Dec: -12.93097625 mas/yr Parallax: 0.00185341" Epoch of Position: 2016.0	V=16.025 FUV/mag=14.07	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(50) TIC743051939	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(50) TIC743051939	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838571)	(50) TIC743051939	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=206			998 Secs (998 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838571)	(50) TIC743051939	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=206			999 Secs (999 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Unused Orbital Visibility = 0
Occultation
Home
0
500
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2500
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3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (DD), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

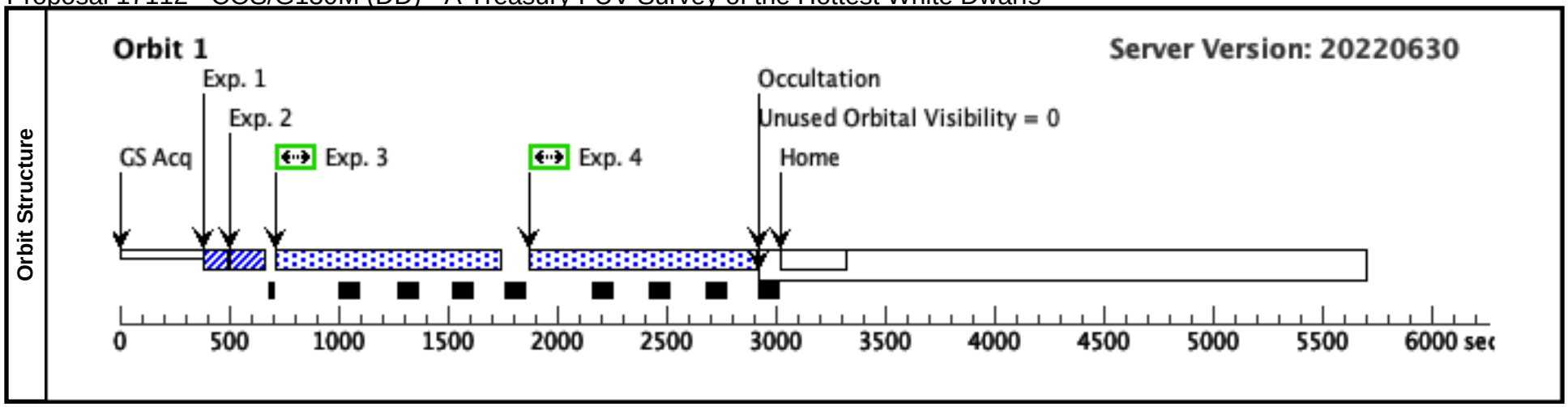
(COS/G130M (DD)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(51)	TIC291303146 Alt Name1: GAIAEDR3-3128765207057429504 Alt Name2: WDJ070204.29+051420.56 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 07 02 4.2792 (105.5178300d) Dec: +05 14 20.55 (5.23904d) Equinox: J2000	Proper Motion RA: -10.02206827 mas/yr Proper Motion Dec: -1.145924638 mas/yr Parallax: 0.003088505" Epoch of Position: 2016.0	V=15.43 FUV/mag=13.78	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(51) TIC291303146	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(51) TIC291303146	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(51) TIC291303146	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(51) TIC291303146	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			985 Secs (985 Secs) *[==>]*	*[1]*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Exp. 2
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Exp. 4
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500
1000
1500
2000
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3500
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6000 sec

Visit

Proposal 17112, COS/G130M (DE), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

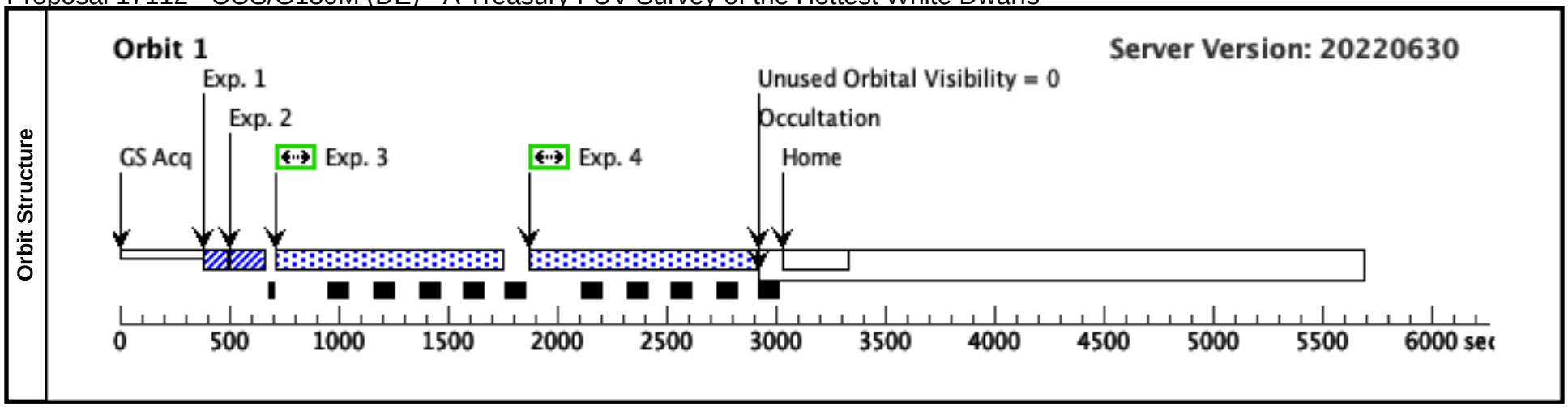
(COS/G130M (DE)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(52)	TIC247056967 Alt Name1: GAIAEDR3-3163546505053645056 Alt Name2: WDJ072902.71+131448.59 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 07 29 2.7065 (112.2612771d) Dec: +13 14 48.45 (13.24679d) Equinox: J2000	Proper Motion RA: -2.929464173 mas/yr Proper Motion Dec: -8.479762882 mas/yr Parallax: 0.00168901" Epoch of Position: 2016.0	V=15.885 NUV/mag=14.5	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(52) TIC247056967	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(52) TIC247056967	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838571)	(52) TIC247056967	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=206			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838571)	(52) TIC247056967	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=206			987 Secs (987 Secs) *[==>]*	*[1]*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Exp. 2
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Exp. 3
Exp. 4
Unused Orbital Visibility = 0
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Home
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4500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (DF), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

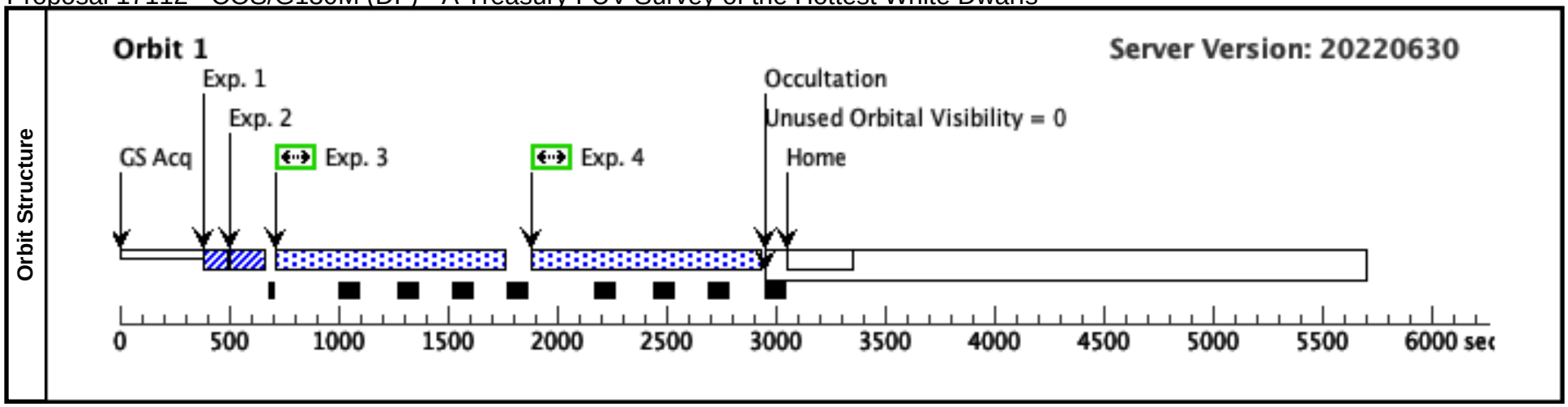
(COS/G130M (DF)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(53)	TIC85146644 Alt Name1: GAIAEDR3-1085903148454238208 Alt Name2: WDJ073121.39+595737.01 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 07 31 21.4166 (112.8392358d) Dec: +59 57 36.90 (59.96025d) Equinox: J2000	Proper Motion RA: 13.23098907 mas/yr Proper Motion Dec: -6.595191718 mas/yr Parallax: 0.002355701" Epoch of Position: 2016.0	V=16.14 FUV/mag=13.84	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(53) TIC85146644	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(53) TIC85146644	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(53) TIC85146644	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			998 Secs (998 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(53) TIC85146644	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			999 Secs (999 Secs) *[==>]*	*[1]*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Exp. 4
Occultation
Unused Orbital Visibility = 0
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (DG), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

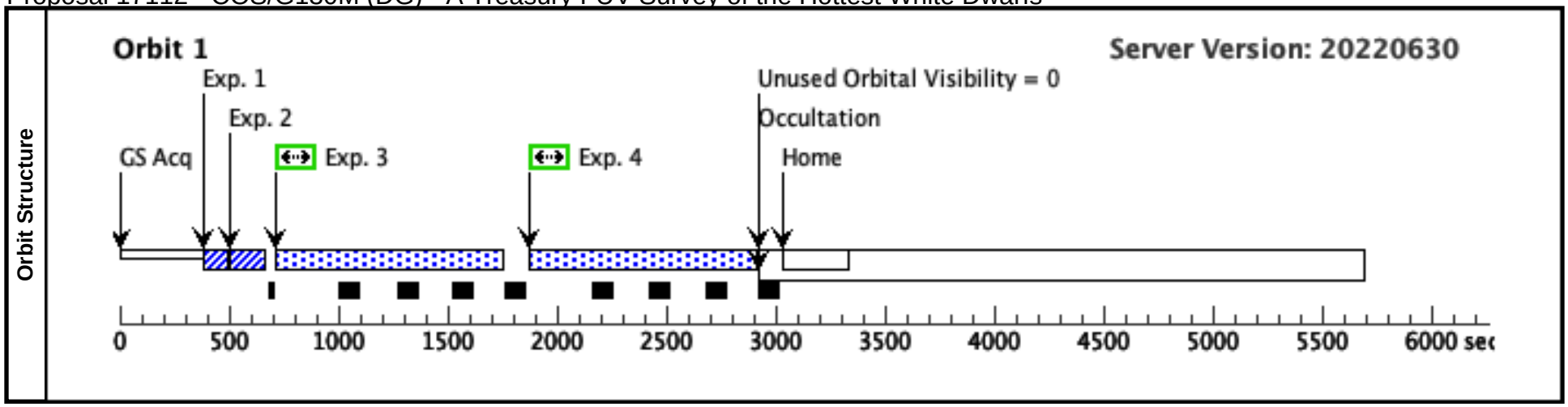
(COS/G130M (DG)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(58)	TIC471013530 Alt Name1: GAIAEDR3-3152201434840407680 Alt Name2: WDJ075405.34+132708.71 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 07 54 5.3474 (118.5222808d) Dec: +13 27 8.55 (13.45237d) Equinox: J2000	Proper Motion RA: 2.173511399 mas/yr Proper Motion Dec: -9.63484769 mas/yr Parallax: 0.002499974" Epoch of Position: 2016.0	V=16.386 FUV/mag=14.14	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(58) TIC471013530	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(58) TIC471013530	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(58) TIC471013530	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(58) TIC471013530	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			987 Secs (987 Secs) *[==>]*	*[1]*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Exp. 2
Exp. 3
Exp. 4
GS Acq
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Occultation
Home
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (DH), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

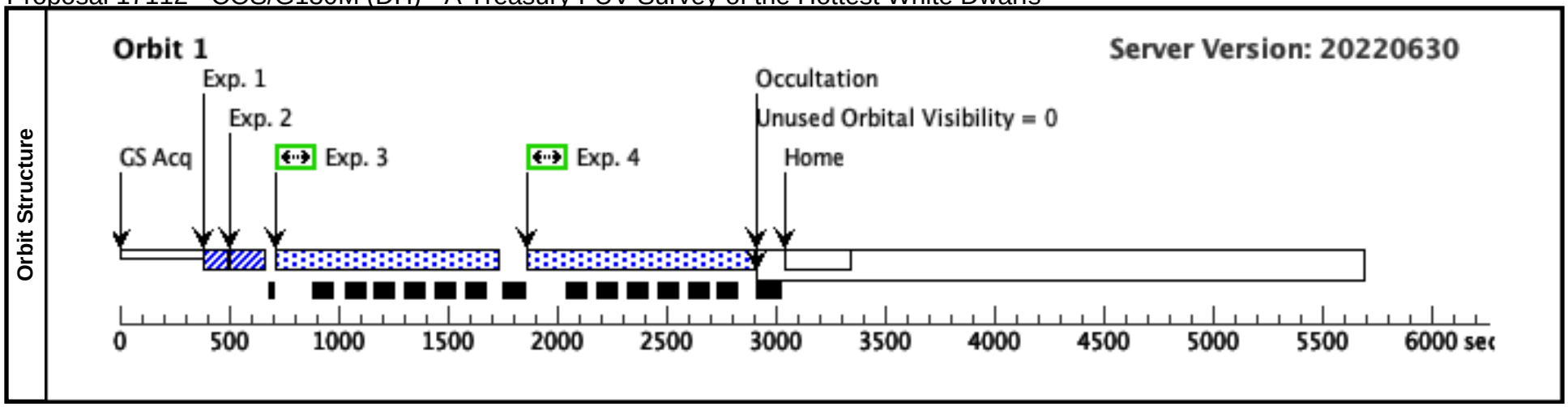
(COS/G130M (DH)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(60)	TIC73235712 Alt Name1: GAIAEDR3-3068776574200806912 Alt Name2: WDJ080326.15-034746.11 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 08 03 26.1537 (120.8589738d) Dec: -03 47 46.02 (-3.79612d) Equinox: J2000	Proper Motion RA: 2.710479491 mas/yr Proper Motion Dec: 5.150803091 mas/yr Parallax: 0.001445247" Epoch of Position: 2016.0	V=15.434 G/mag=15.922	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(60) TIC73235712	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(60) TIC73235712	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838568)	(60) TIC73235712	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=139			972 Secs (972 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838568)	(60) TIC73235712	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=139			984 Secs (984 Secs) *[==>]*	*[1]*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Exp. 4
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6000 sec

Visit

Proposal 17112, COS/G130M (DI), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

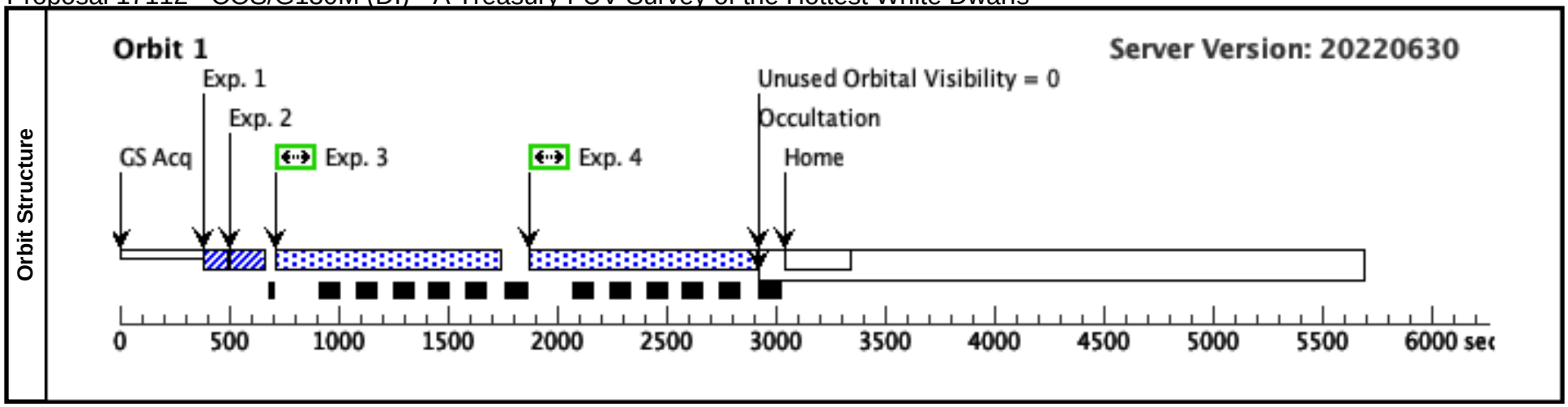
(COS/G130M (DI)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(64)	TIC197191699 Alt Name1: GAIAEDR3-660621808997468928 Alt Name2: WDJ085137.48+185119.67 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 08 51 37.4815 (132.9061729d) Dec: +18 51 19.29 (18.85536d) Equinox: J2000	Proper Motion RA: 4.045454782 mas/yr Proper Motion Dec: -23.76354176 mas/yr Parallax: 0.00305222" Epoch of Position: 2016.0	V=16.054 G/mag=15.869	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(64) TIC197191699	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(64) TIC197191699	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838570)	(64) TIC197191699	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			980 Secs (980 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838570)	(64) TIC197191699	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			987 Secs (987 Secs) *[==>]*	*[1]*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Exp. 4
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Occultation
Home
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6000 sec

Visit

Proposal 17112, COS/G130M (DJ), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

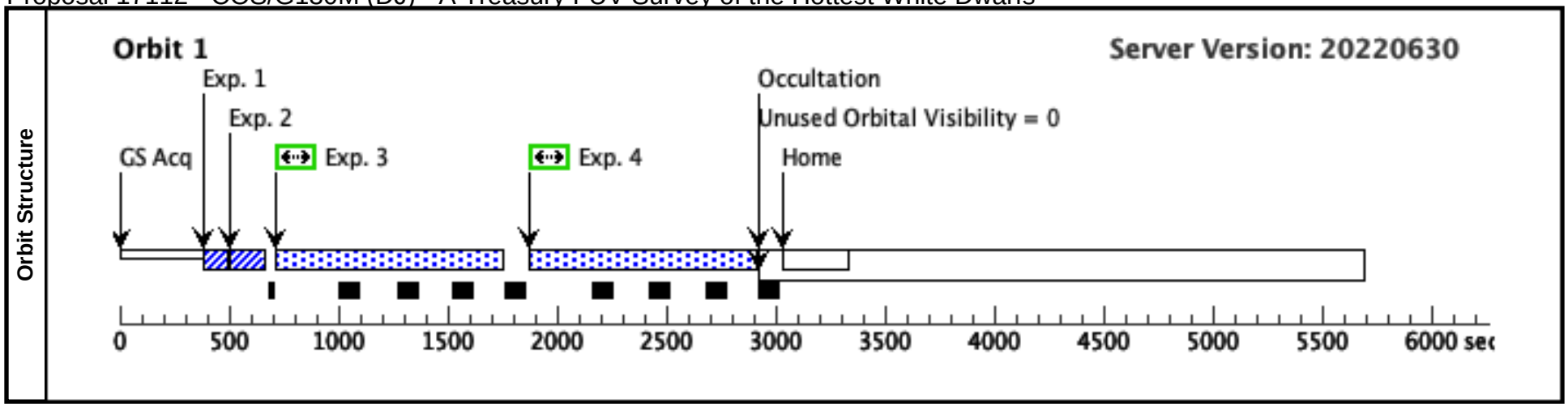
(COS/G130M (DJ)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(67)	TIC901406326 Alt Name1: GAIAEDR3-3486203758501245440 Alt Name2: WDJ115727.68-280349.64 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 11 57 27.6452 (179.3651883d) Dec: -28 03 49.84 (-28.06384d) Equinox: J2000	Proper Motion RA: -25.80842265 mas/yr Proper Motion Dec: -12.30464713 mas/yr Parallax: 0.001875341" Epoch of Position: 2016.0	V=15.53 FUV/mag=13.96	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(67) TIC901406326	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(67) TIC901406326	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(67) TIC901406326	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(67) TIC901406326	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Unused Orbital Visibility = 0
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Visit

Proposal 17112, COS/G130M (DK), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

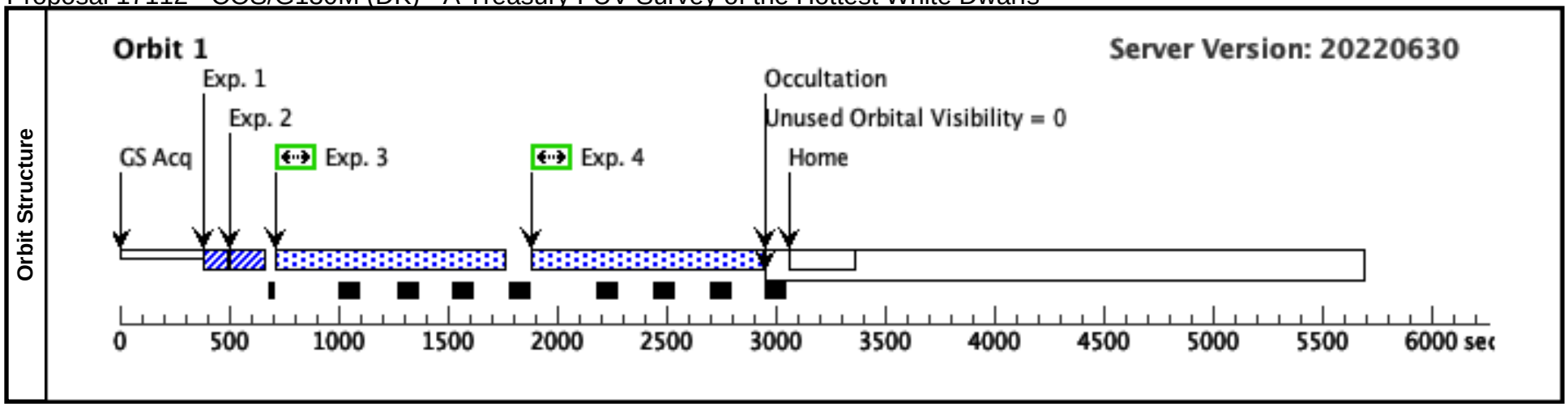
(COS/G130M (DK)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(69)	TIC950620082 Alt Name1: GAIAEDR3-1584181713419346560 Alt Name2: WDJ121743.13+623118.25 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 12 17 43.1155 (184.4296479d) Dec: +62 31 18.21 (62.52172d) Equinox: J2000	Proper Motion RA: -5.152312888 mas/yr Proper Motion Dec: -2.850596513 mas/yr Parallax: 9.66183E-4" Epoch of Position: 2016.0	V=16.54 FUV/mag=13.95	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(69) TIC950620082	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(69) TIC950620082	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(69) TIC950620082	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			1000 Secs (1000 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(69) TIC950620082	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			1005 Secs (1005 Secs) *[==>]*	*[1]*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Exp. 4
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4500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (DL), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

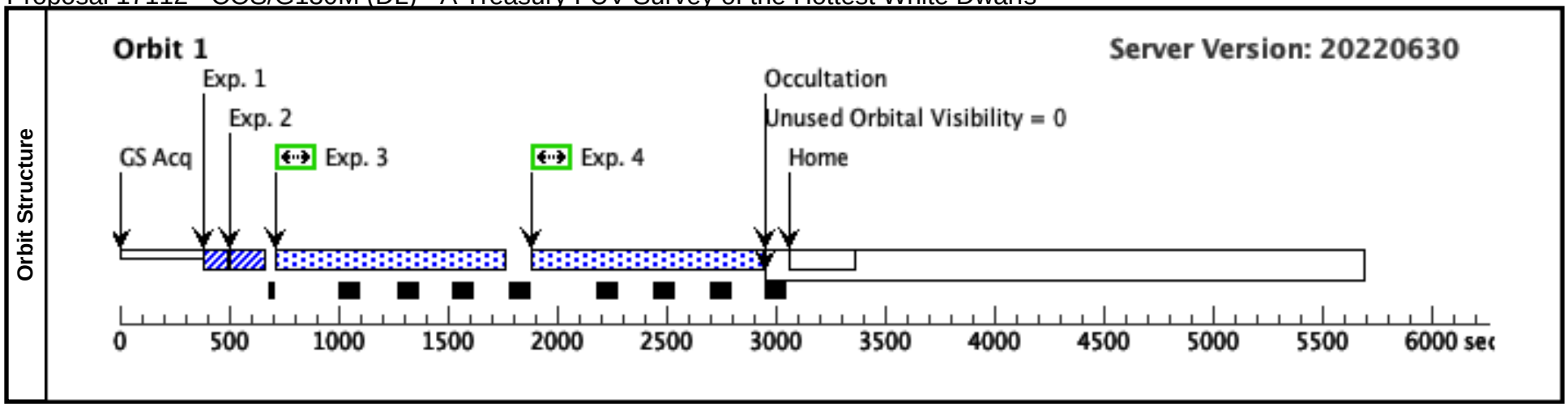
(COS/G130M (DL)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(70)	TIC471015227 Alt Name1: GAIAEDR3-1579768999595552000 Alt Name2: WDJ124506.95+601019.26 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 12 45 6.9684 (191.2790350d) Dec: +60 10 19.13 (60.17198d) Equinox: J2000	Proper Motion RA: 9.702221644 mas/yr Proper Motion Dec: -8.04901016 mas/yr Parallax: 0.001789924" Epoch of Position: 2016.0	V=16.33 FUV/mag=13.86	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(70) TIC471015227	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(70) TIC471015227	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(70) TIC471015227	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			1000 Secs (1000 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(70) TIC471015227	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			1005 Secs (1005 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (DM), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

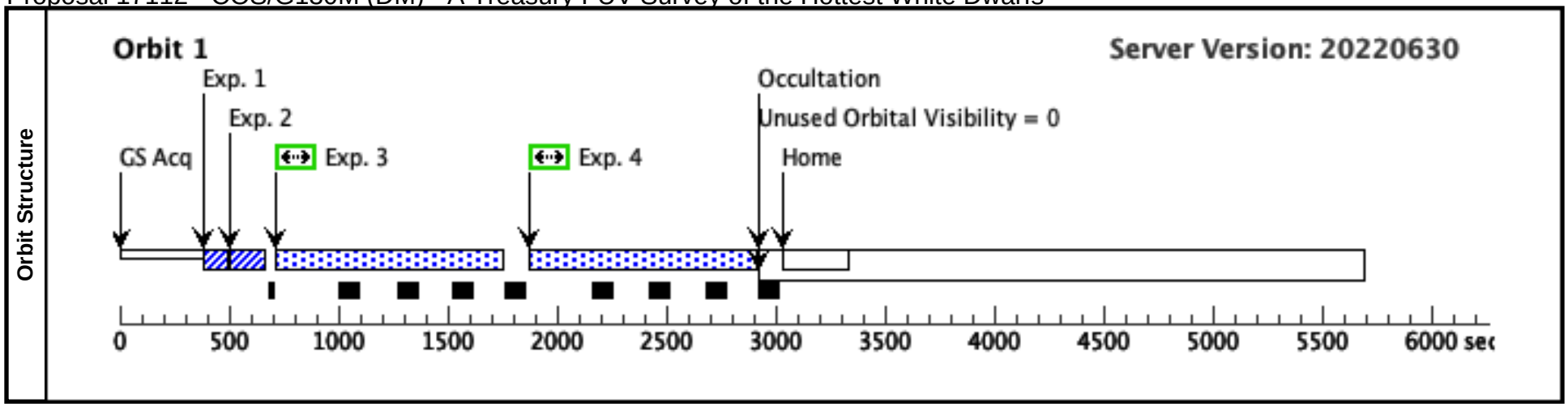
(COS/G130M (DM)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(71)	TIC951635495 Alt Name1: GAIAEDR3-3495397496775173248 Alt Name2: WDJ125141.04-280647.31 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 12 51 41.0323 (192.9209679d) Dec: -28 06 47.47 (-28.11319d) Equinox: J2000	Proper Motion RA: -8.282577804 mas/yr Proper Motion Dec: -10.22791117 mas/yr Parallax: 0.002224136" Epoch of Position: 2016.0	V=16.232 FUV/mag=14.03	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(71) TIC951635495	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(71) TIC951635495	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(71) TIC951635495	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(71) TIC951635495	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
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Exp. 3
Exp. 4
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6000 sec

Visit

Proposal 17112, COS/G130M (DN), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

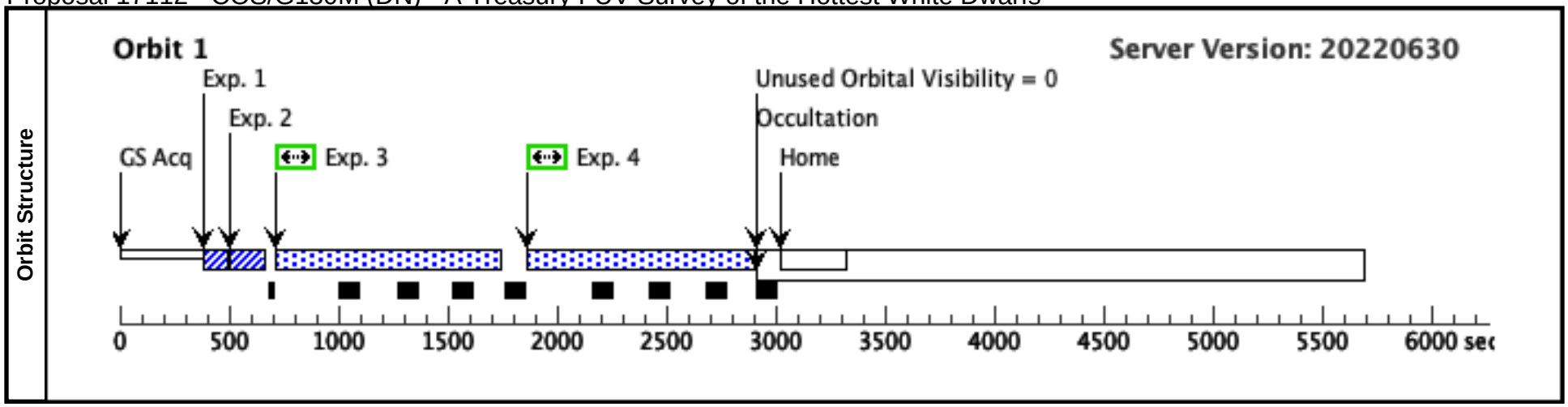
(COS/G130M (DN)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(74)	TIC66714896 Alt Name1: GAIAEDR3-3687524749863026304 Alt Name2: WDJ131724.75+000237.38 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 13 17 24.7254 (199.3530225d) Dec: +00 02 37.70 (.04381d) Equinox: J2000	Proper Motion RA: -21.10257991 mas/yr Proper Motion Dec: 19.67794342 mas/yr Parallax: 0.00310604" Epoch of Position: 2016.0	V=16.081 FUV/mag=13.86	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(74) TIC66714896	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(74) TIC66714896	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(74) TIC66714896	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			982 Secs (982 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(74) TIC66714896	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			983 Secs (983 Secs) *[==>]*	*[1]*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Exp. 2
Exp. 3
Exp. 4
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Occultation
Home
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4500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (DO), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

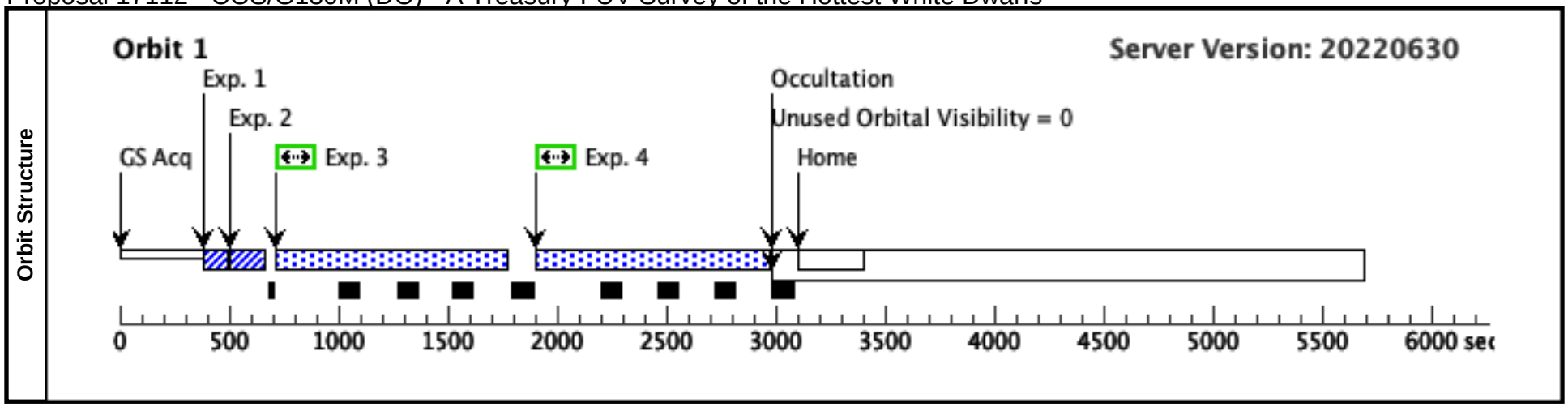
(COS/G130M (DO)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(76)	TIC219460164 Alt Name1: GAIAEDR3-1711860542689333120 Alt Name2: WDJ134843.58+741545.75 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 13 48 43.5696 (207.1815400d) Dec: +74 15 45.49 (74.26264d) Equinox: J2000	Proper Motion RA: -3.041415525 mas/yr Proper Motion Dec: -15.75301393 mas/yr Parallax: 0.00293868" Epoch of Position: 2016.0	V=15.975 NUV/mag=14.49	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(76) TIC219460164	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(76) TIC219460164	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(76) TIC219460164	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			1012 Secs (1012 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(76) TIC219460164	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			1015 Secs (1015 Secs) *[==>]*	*[1]*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6000 sec

Visit

Proposal 17112, COS/G130M (DP), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

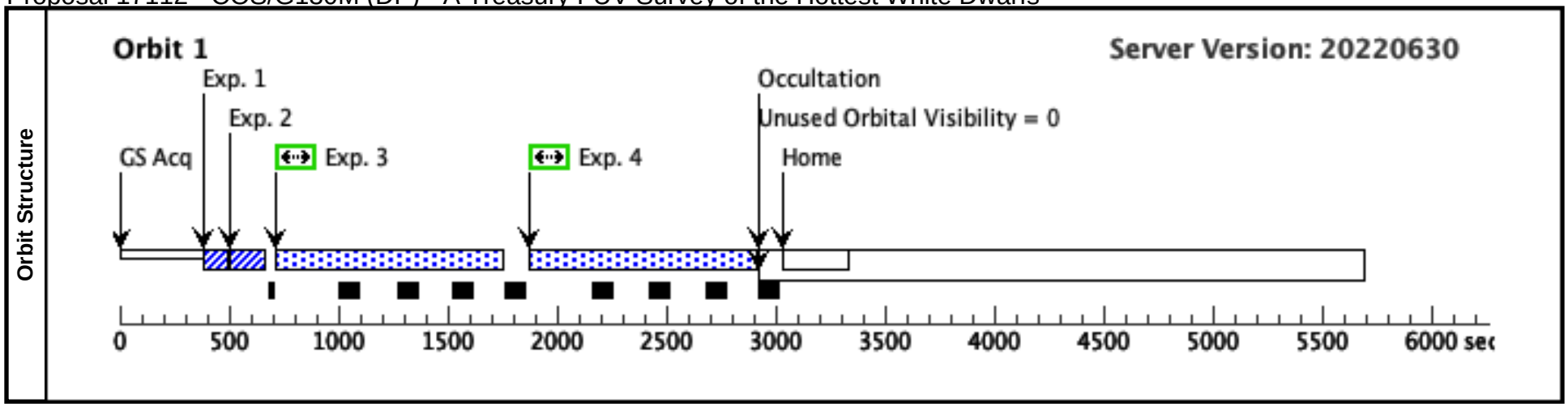
(COS/G130M (DP)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(78)	TIC1000083223 Alt Name1: GAIAEDR3-1225176323543428736 Alt Name2: WDJ141842.33+104908.20 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 14 18 42.3186 (214.6763275d) Dec: +10 49 8.33 (10.81898d) Equinox: J2000	Proper Motion RA: -9.259657292 mas/yr Proper Motion Dec: 8.258098573 mas/yr Parallax: 6.66565E-4" Epoch of Position: 2016.0	V=16.594 FUV/mag=14.09	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(78) TIC1000083223	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(78) TIC1000083223	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(78) TIC1000083223	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(78) TIC1000083223	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			987 Secs (987 Secs) *[==>]*	*[1]*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Exp. 4
Occultation
Unused Orbital Visibility = 0
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Visit

Proposal 17112, COS/G130M (DQ), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

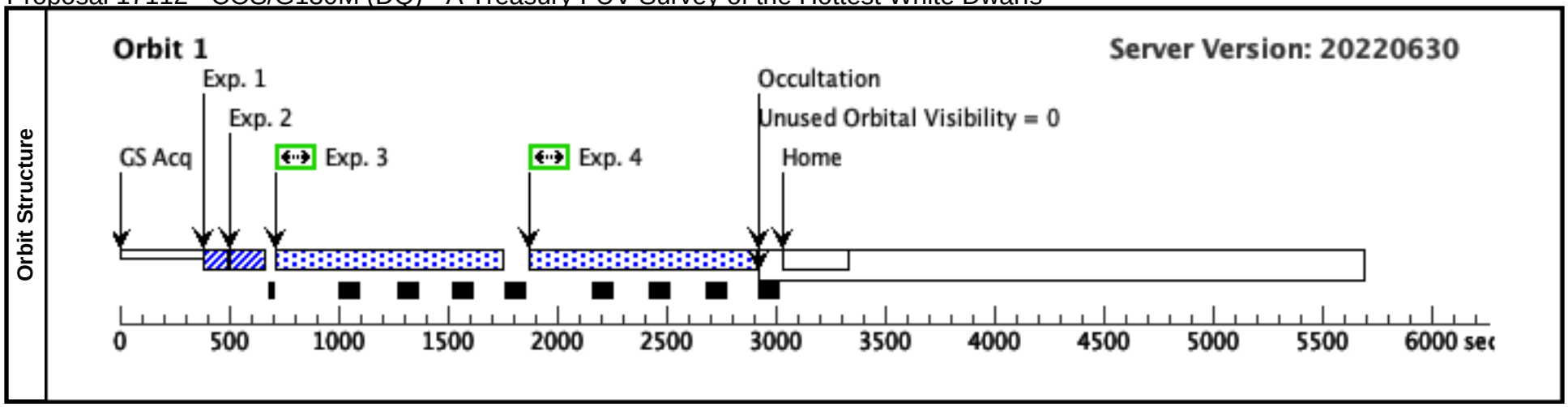
(COS/G130M (DQ)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(79)	TIC471015197 Alt Name1: GAIAEDR3-1177989789900205312 Alt Name2: WDJ143514.17+103631.09 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 14 35 14.1067 (218.8087779d) Dec: +10 36 31.20 (10.60867d) Equinox: J2000	Proper Motion RA: -57.8717301 mas/yr Proper Motion Dec: 6.796414829 mas/yr Parallax: 0.001551504" Epoch of Position: 2016.0	V=16.205 FUV/mag=13.91	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(79) TIC471015197	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(79) TIC471015197	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(79) TIC471015197	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(79) TIC471015197	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			987 Secs (987 Secs) *[==>]*	*[1]*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Occultation
Unused Orbital Visibility = 0
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Visit

Proposal 17112, COS/G130M (DR), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

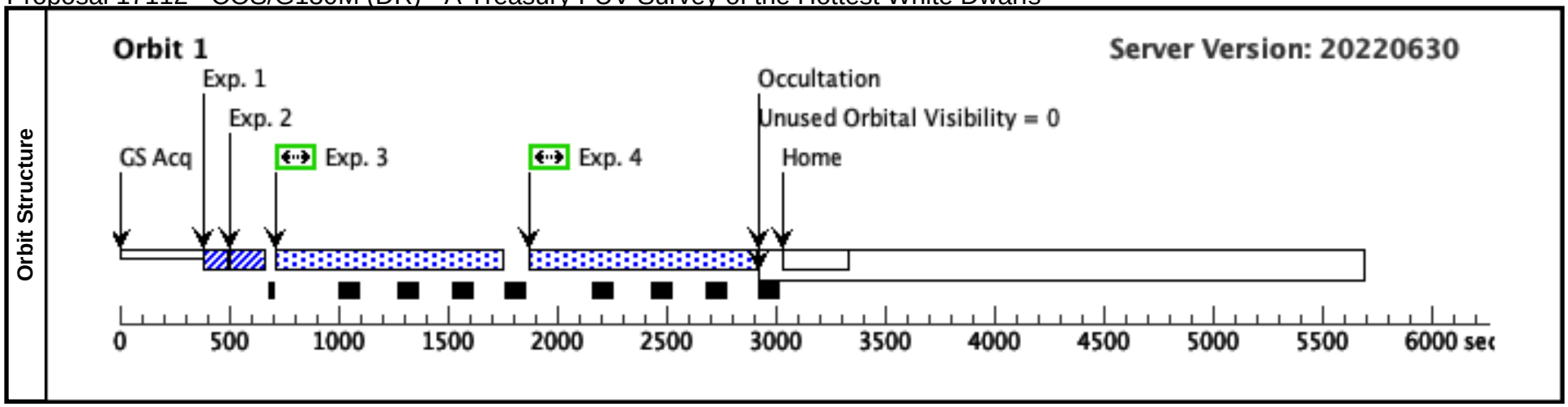
(COS/G130M (DR)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(81)	TIC1101109787 Alt Name1: GAIAEDR3-1234828283288291840 Alt Name2: WDJ144530.22+172751.58 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 14 45 30.2196 (221.3759150d) Dec: +17 27 51.24 (17.46423d) Equinox: J2000	Proper Motion RA: -3.808031595 mas/yr Proper Motion Dec: -21.68028323 mas/yr Parallax: 0.001417456" Epoch of Position: 2016.0	V=16.31 FUV/mag=13.9	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(81) TIC1101109787	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(81) TIC1101109787	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(81) TIC1101109787	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(81) TIC1101109787	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Visit

Proposal 17112, COS/G130M (DS), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

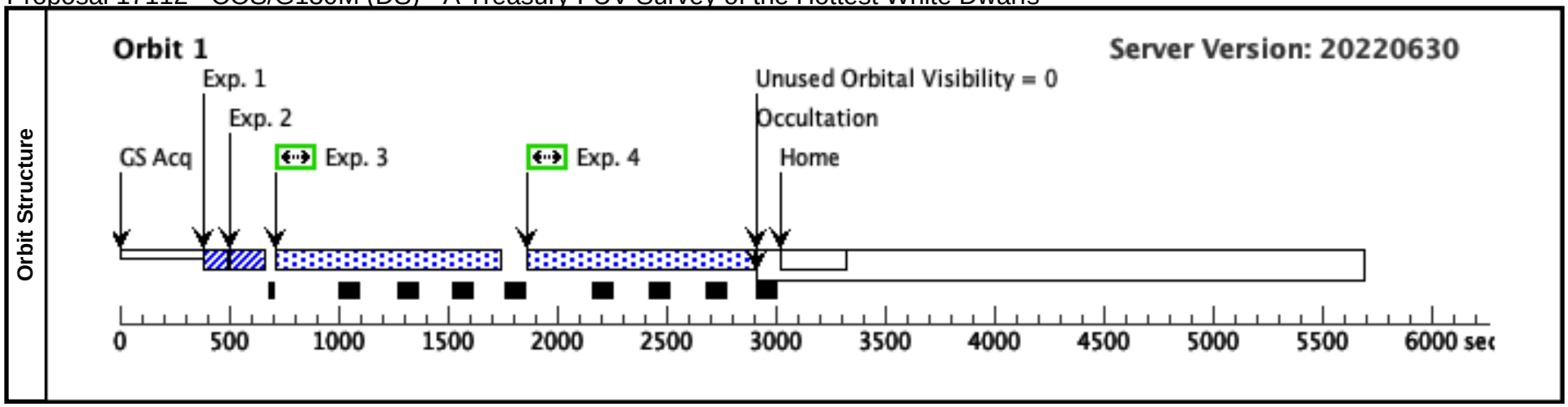
(COS/G130M (DS)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(82)	TIC272673382 Alt Name1: GAIAEDR3-4423116892346484480 Alt Name2: WDJ154944.96+012554.78 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 15 49 44.9158 (237.4371492d) Dec: +01 25 53.41 (1.43150d) Equinox: J2000	Proper Motion RA: -36.90160316 mas/yr Proper Motion Dec: -85.22644562 mas/yr Parallax: 0.00364349" Epoch of Position: 2016.0	V=15.964 FUV/mag=14.01	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(82) TIC272673382	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(82) TIC272673382	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(82) TIC272673382	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			982 Secs (982 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(82) TIC272673382	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			983 Secs (983 Secs) *[==>]*	*[1]*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Occultation
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Visit

Proposal 17112, COS/G130M (DT), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

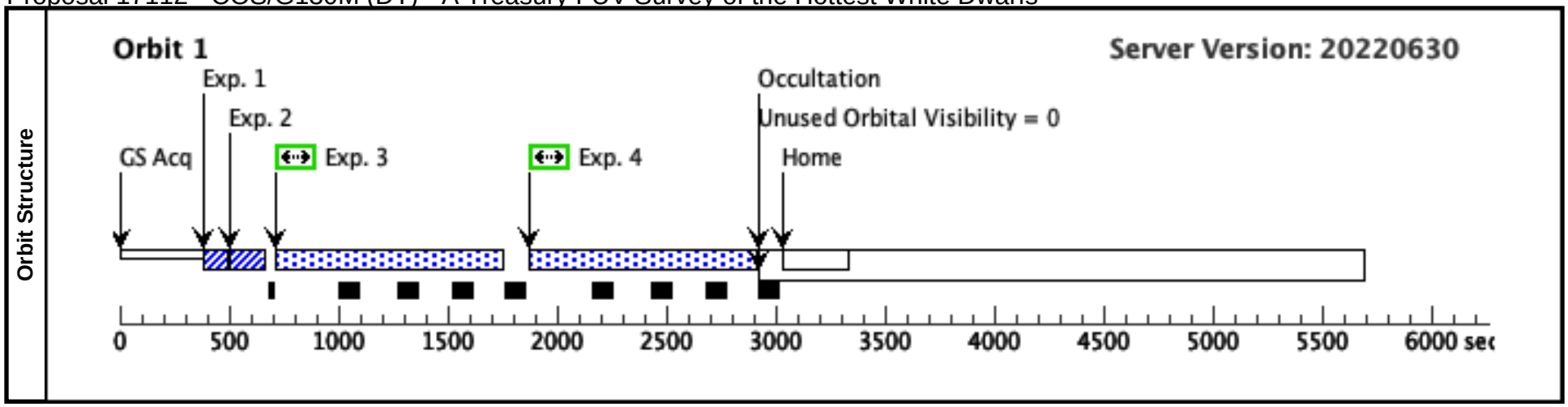
(COS/G130M (DT)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(83)	TIC29267489 Alt Name1: GAIAEDR3-1383736109406869888 Alt Name2: WDJ155035.21+402558.64 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 15 50 35.1461 (237.6464421d) Dec: +40 25 58.86 (40.43302d) Equinox: J2000	Proper Motion RA: -45.22667022 mas/yr Proper Motion Dec: 14.07331572 mas/yr Parallax: 0.003660594" Epoch of Position: 2016.0	V=16.232 FUV/mag=13.83	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(83) TIC29267489	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(83) TIC29267489	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(83) TIC29267489	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(83) TIC29267489	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Server Version: 20220630
Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
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3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (DU), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

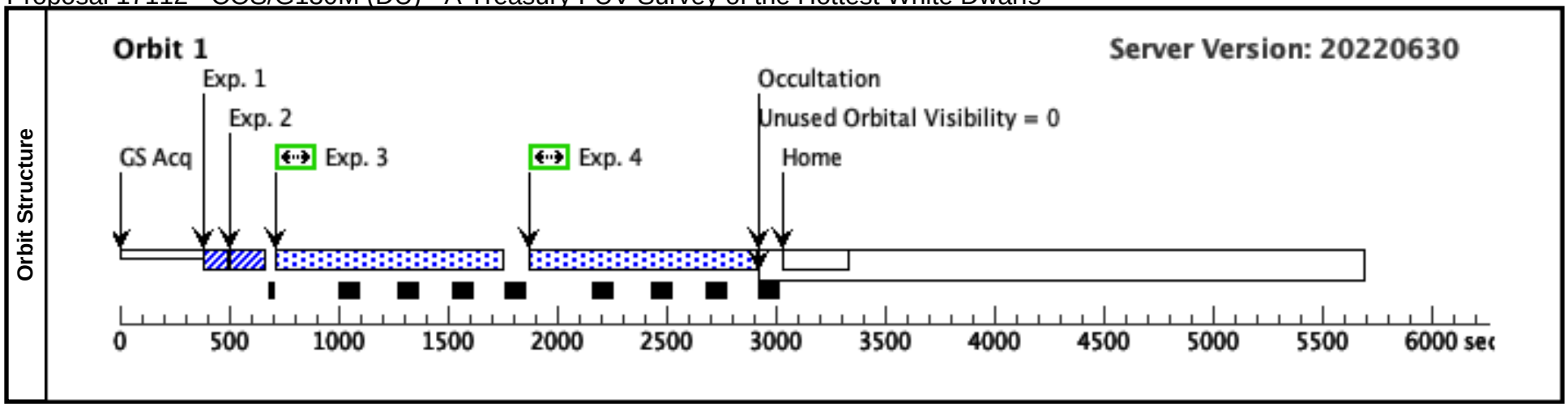
(COS/G130M (DU)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(94)	TIC1729224210 Alt Name1: GAIAEDR3-4083008911902900992 Alt Name2: WDJ191750.16-201409.55 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 19 17 50.1669 (289.4590288d) Dec: -20 14 9.72 (-20.23603d) Equinox: J2000	Proper Motion RA: 4.290344485 mas/yr Proper Motion Dec: -10.64242884 mas/yr Parallax: 0.001202371" Epoch of Position: 2016.0	V=15.296 FUV/mag=13.82	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(94) TIC1729224210	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(94) TIC1729224210	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(94) TIC1729224210	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(94) TIC1729224210	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Exp. 3
Exp. 4
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Unused Orbital Visibility = 0
Home
0
500
1000
1500
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3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (DV), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

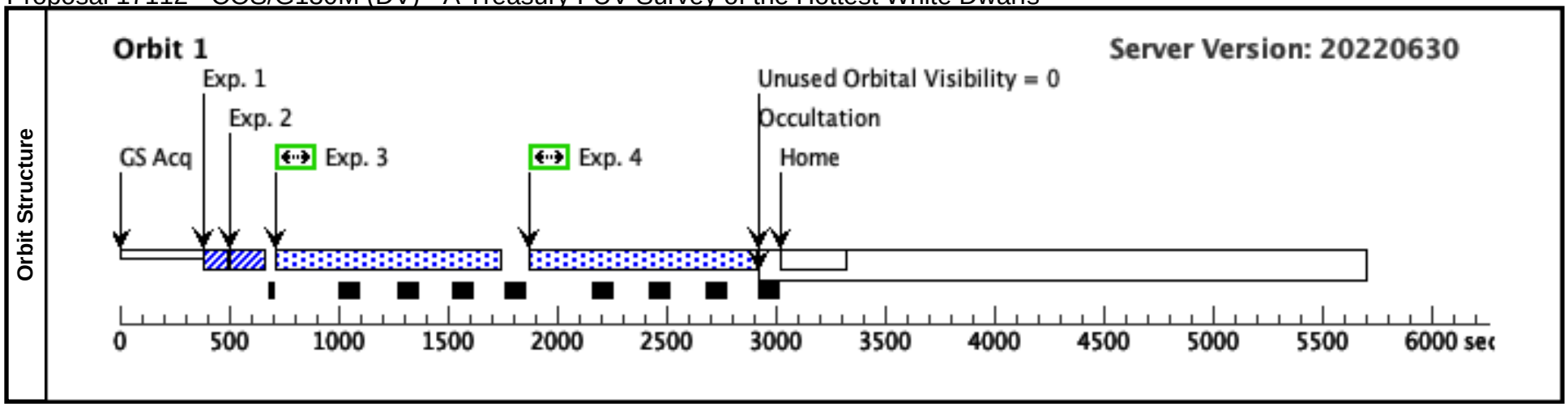
(COS/G130M (DV)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(100)	TIC2029396667 Alt Name1: GAIAEDR3-6898131207281511552 Alt Name2: WDJ212412.00-072648.76 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 21 24 11.9723 (321.0498846d) Dec: -07 26 49.03 (-7.44695d) Equinox: J2000	Proper Motion RA: -22.06096566 mas/yr Proper Motion Dec: -16.91083906 mas/yr Parallax: 0.002420733" Epoch of Position: 2016.0	V=16.032 FUV/mag=13.85	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(100) TIC2029396667	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(100) TIC2029396667	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(100) TIC2029396667	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(100) TIC2029396667	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			985 Secs (985 Secs) *[==>]*	*[1]*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Exp. 2
GS Acq
Exp. 3
Exp. 4
Unused Orbital Visibility = 0
Occultation
Home
0
500
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3500
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4500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (DW), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

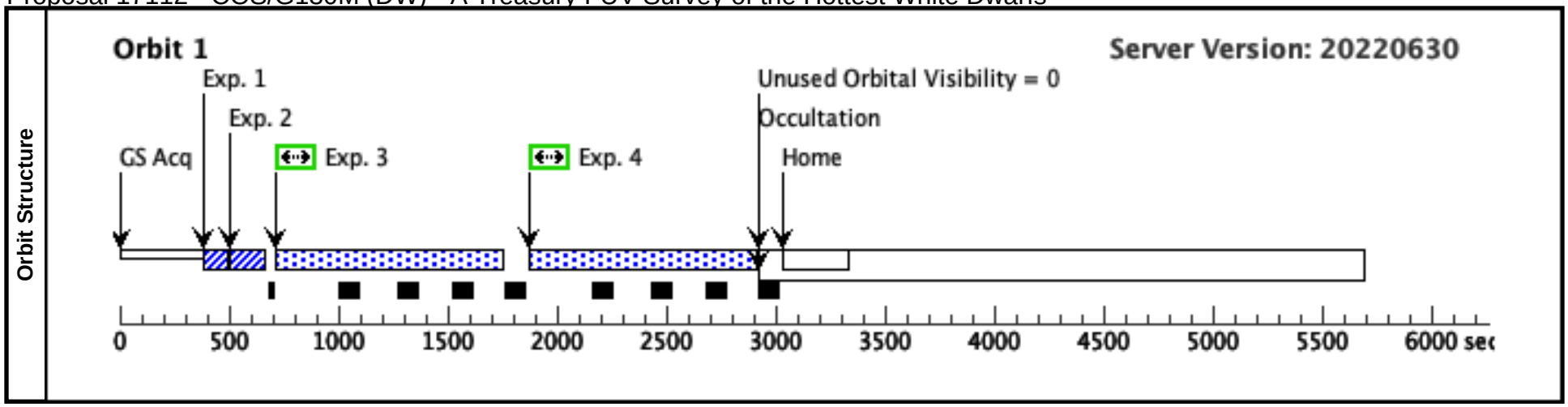
(COS/G130M (DW)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(102)	TIC2007480435 Alt Name1: GAIAEDR3-1966568016203710464 Alt Name2: WDJ214327.96+414318.99 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 21 43 27.9050 (325.8662708d) Dec: +41 43 18.27 (41.72174d) Equinox: J2000	Proper Motion RA: -38.20470449 mas/yr Proper Motion Dec: -44.41162126 mas/yr Parallax: 0.003227008" Epoch of Position: 2016.0	V=15.516 NUV/mag=14.28	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(102) TIC2007480435	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(102) TIC2007480435	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(102) TIC2007480435	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(102) TIC2007480435	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Exp. 2
Exp. 3
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Occultation
Home
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4500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (DX), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

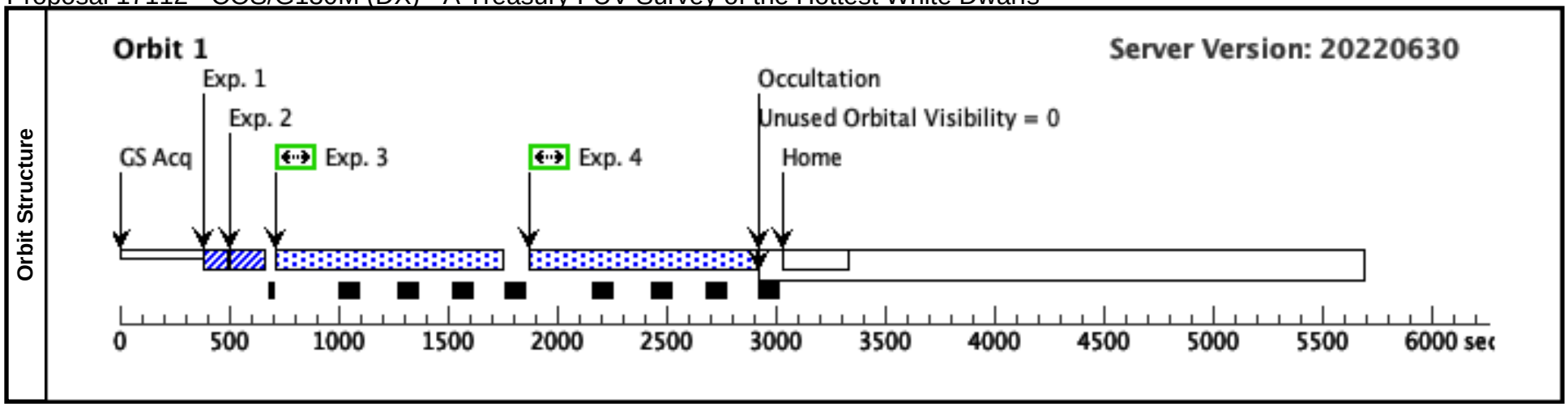
(COS/G130M (DX)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(103)	TIC271805540 Alt Name1: GAIAEDR3-6839870560026513536 Alt Name2: WDJ215101.38-151839.71 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 21 51 1.4273 (327.7559471d) Dec: -15 18 40.57 (-15.31127d) Equinox: J2000	Proper Motion RA: 45.06045053 mas/yr Proper Motion Dec: -53.60247205 mas/yr Parallax: 0.003558857" Epoch of Position: 2016.0	V=15.994 FUV/mag=13.87	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(103) TIC271805540	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(103) TIC271805540	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(103) TIC271805540	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(103) TIC271805540	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			988 Secs (988 Secs) *[==>]*	*[1]*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Home
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Visit

Proposal 17112, COS/G130M (DZ), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

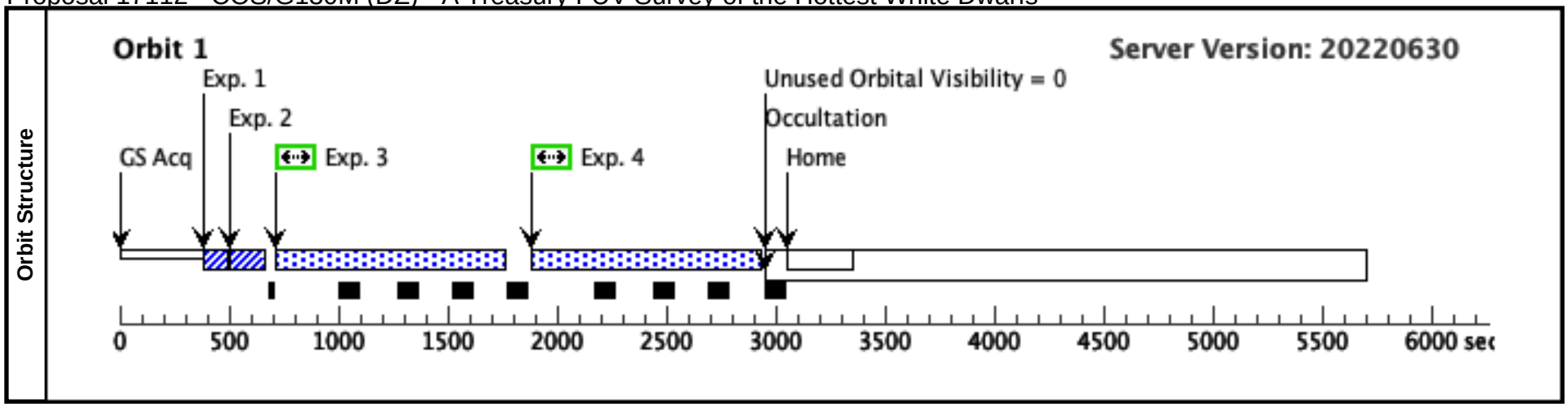
(COS/G130M (DZ)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(109)	TIC318631844 Alt Name1: GAIAEDR3-1997119630408638848 Alt Name2: WDJ231757.59+555026.25 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 23 17 57.6053 (349.4900221d) Dec: +55 50 26.37 (55.84066d) Equinox: J2000	Proper Motion RA: 7.239752321 mas/yr Proper Motion Dec: 7.145838493 mas/yr Parallax: 0.003423185" Epoch of Position: 2016.0	V=15.512 NUV/mag=14.36	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(109) TIC318631844	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(109) TIC318631844	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(109) TIC318631844	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			998 Secs (998 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(109) TIC318631844	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			999 Secs (999 Secs) *[==>]*	*[1]*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Exp. 2
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Home
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Visit

Proposal 17112, COS/G130M (E0), scheduling Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (E0)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

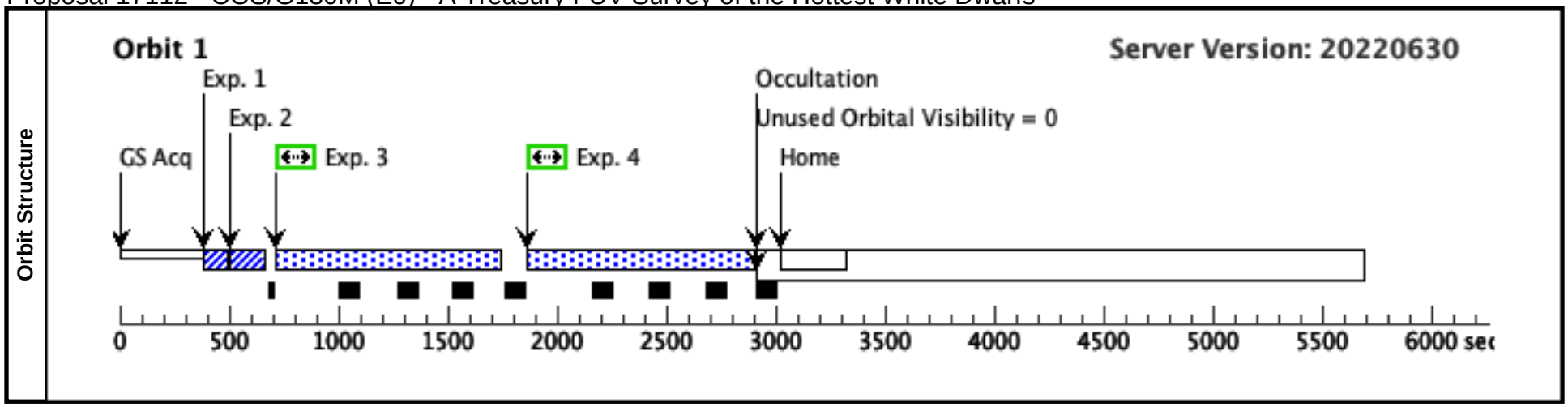
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(111)	TIC248353420 Alt Name1: GAIAEDR3-2532911852775173120	RA: 01 10 42.0980 (17.6754083d) Dec: -01 08 39.74 (-1.14437d) Equinox: J2000	Proper Motion RA: 99.49297374 mas/yr Proper Motion Dec: -35.73815621 mas/yr Parallax: 0.003109479" Epoch of Position: 2016.0	V=15.81 FUV/mag=13.94	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(111) TIC248353420	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(111) TIC248353420	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813285)	(111) TIC248353420	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			982 Secs (982 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813285)	(111) TIC248353420	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			983 Secs (983 Secs) *[==>]*	*[1]*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Exp. 1
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Visit

Proposal 17112, COS/G130M (F1), scheduling Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

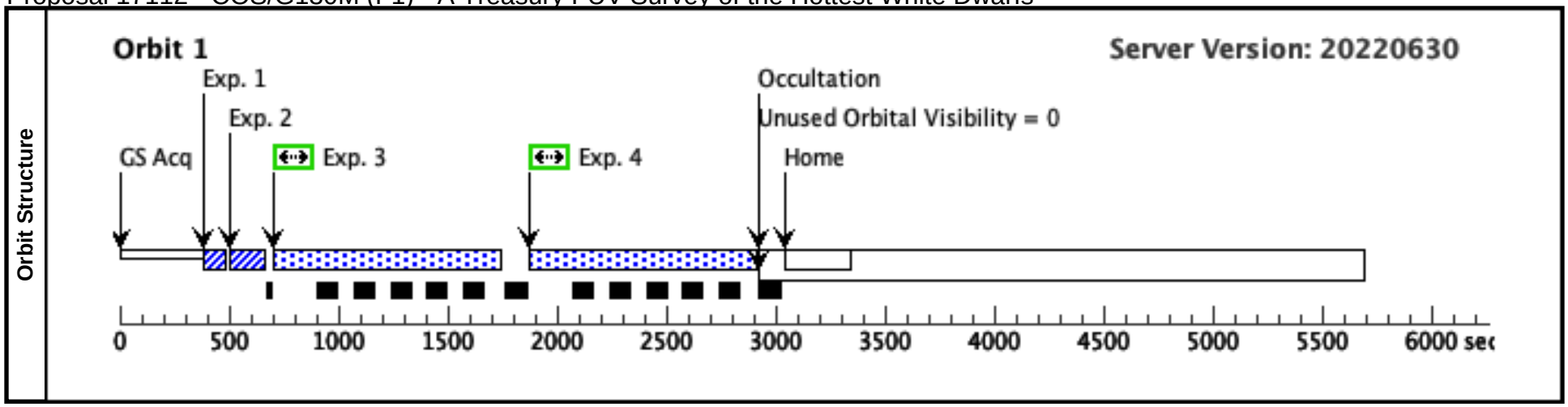
(COS/G130M (F1)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(25)	TIC435854337 Alt Name1: GAIAEDR3-2801719459101460480 Alt Name2: WDJ004511.18+212107.85 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 00 45 11.2084 (11.2967017d) Dec: +21 21 7.72 (21.35214d) Equinox: J2000	Proper Motion RA: 28.80996648 mas/yr Proper Motion Dec: -8.57099476 mas/yr Parallax: 0.001892896" Epoch of Position: 2016.0	V=15.828 FUV/mag=13.66	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(25) TIC435854337	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(25) TIC435854337	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(25) TIC435854337	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(25) TIC435854337	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			988 Secs (988 Secs) *[==>]*	*[1]*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6000 sec

Visit

Proposal 17112, COS/G130M (F2), failed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

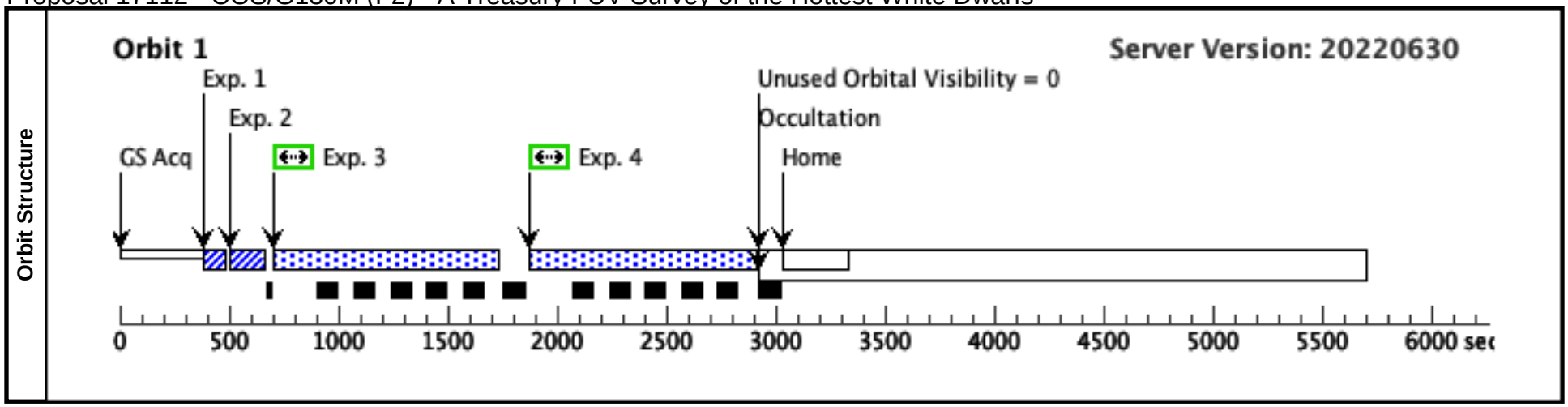
(COS/G130M (F2)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(26)	TIC293394054 Alt Name1: GAIAEDR3-2557632997336214016 Alt Name2: WDJ004837.88+080244.86 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 00 48 37.8939 (12.1578913d) Dec: +08 02 44.57 (8.04571d) Equinox: J2000	Proper Motion RA: 8.009204181 mas/yr Proper Motion Dec: -18.09860881 mas/yr Parallax: 0.00384897" Epoch of Position: 2016.0	V=15.5 FUV/mag=13.47	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(26) TIC293394054	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(26) TIC293394054	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(26) TIC293394054	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(26) TIC293394054	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*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Exp. 2
Exp. 3
Exp. 4
GS Acq
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Occultation
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1500
2000
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3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (FS), scheduling Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR Repeat of F2

Diagnostics

(COS/G130M (FS)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

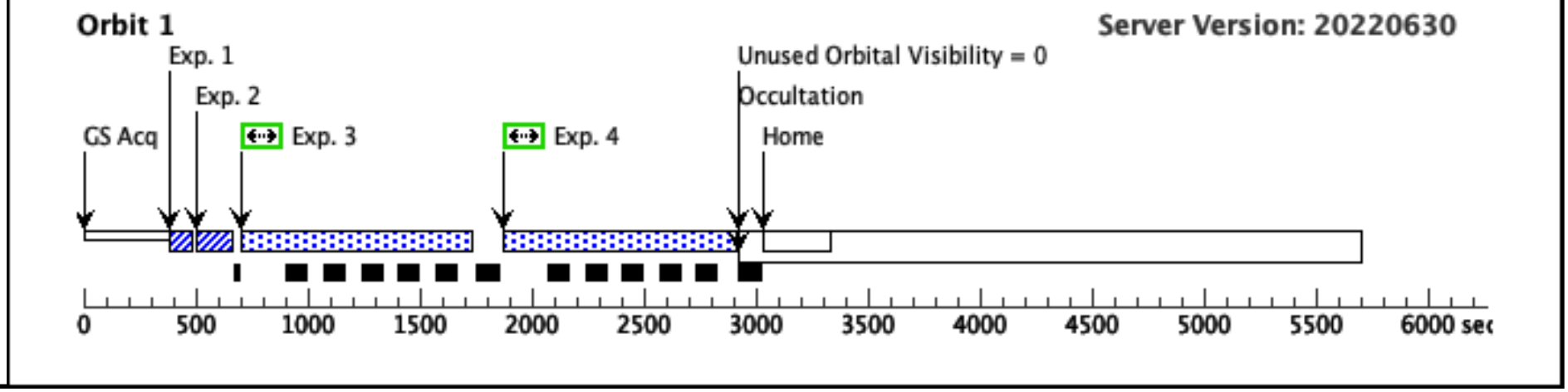
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(26)	TIC293394054 Alt Name1: GAIAEDR3-2557632997336214016 Alt Name2: WDJ004837.88+080244.86 *Comments: Category=STAR Description=[DA] Extended=NO*	RA: 00 48 37.8939 (12.1578913d) Dec: +08 02 44.57 (8.04571d) Equinox: J2000	Proper Motion RA: 8.009204181 mas/yr Proper Motion Dec: -18.09860881 mas/yr Parallax: 0.00384897" Epoch of Position: 2016.0	V=15.5 FUV/mag=13.47	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(26) TIC293394054	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(26) TIC293394054	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(26) TIC293394054	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(26) TIC293394054	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 17112, COS/G130M (F3), scheduling Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (F3)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

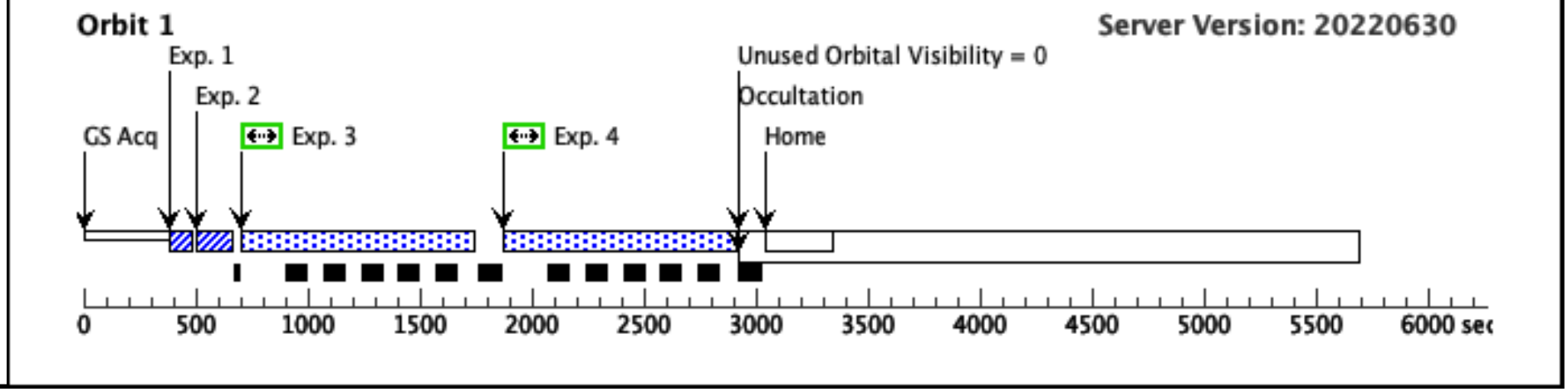
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(27)	TIC268617034 Alt Name1: GAIAEDR3-2358027755213297408 Alt Name2: WDJ010415.06-180144.99 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 01 04 15.0453 (16.0626887d) Dec: -18 01 44.93 (-18.02915d) Equinox: J2000	Proper Motion RA: -9.712760382 mas/yr Proper Motion Dec: 3.524701826 mas/yr Parallax: 0.002499875" Epoch of Position: 2016.0	V=16.032 FUV/mag=13.56	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(27) TIC268617034	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(27) TIC268617034	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(27) TIC268617034	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(27) TIC268617034	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			988 Secs (988 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 17112, COS/G130M (F4), scheduling Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

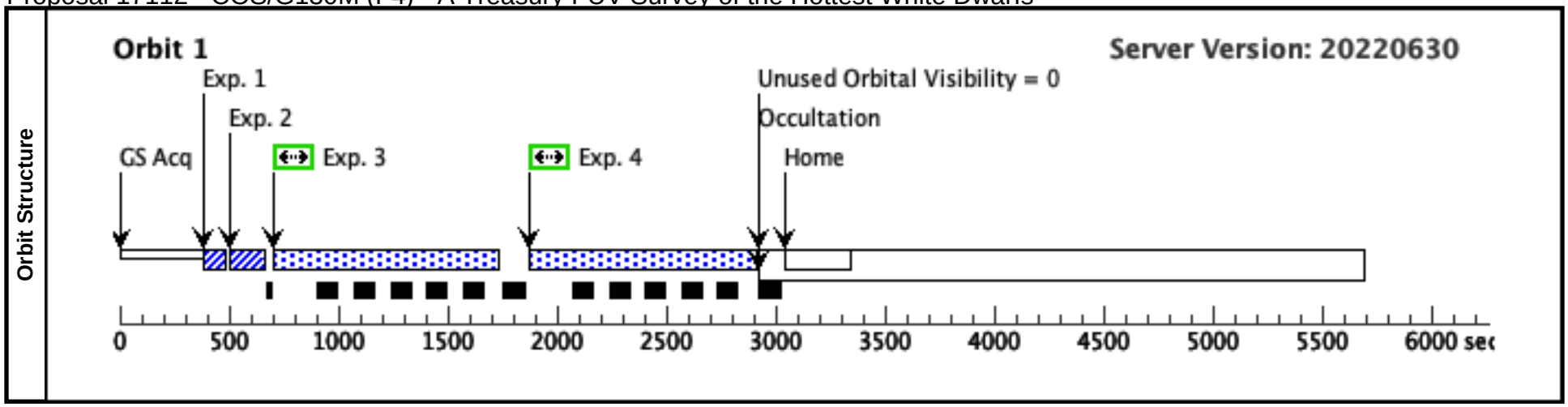
(COS/G130M (F4)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(28)	TIC183597477 Alt Name1: GAIAEDR3-4988781711771040128 Alt Name2: WDJ011403.23-375041.75 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 01 14 3.2279 (18.5134496d) Dec: -37 50 41.89 (-37.84497d) Equinox: J2000	Proper Motion RA: 1.07925828 mas/yr Proper Motion Dec: -8.620145001 mas/yr Parallax: 0.002048482" Epoch of Position: 2016.0	V=16.211 FUV/mag=13.36	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(28) TIC183597477	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(28) TIC183597477	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(28) TIC183597477	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(28) TIC183597477	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			989 Secs (989 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
Exp. 3
Exp. 4
GS Acq
Unused Orbital Visibility = 0
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4500
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6000 sec

Visit

Proposal 17112, COS/G130M (F6), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

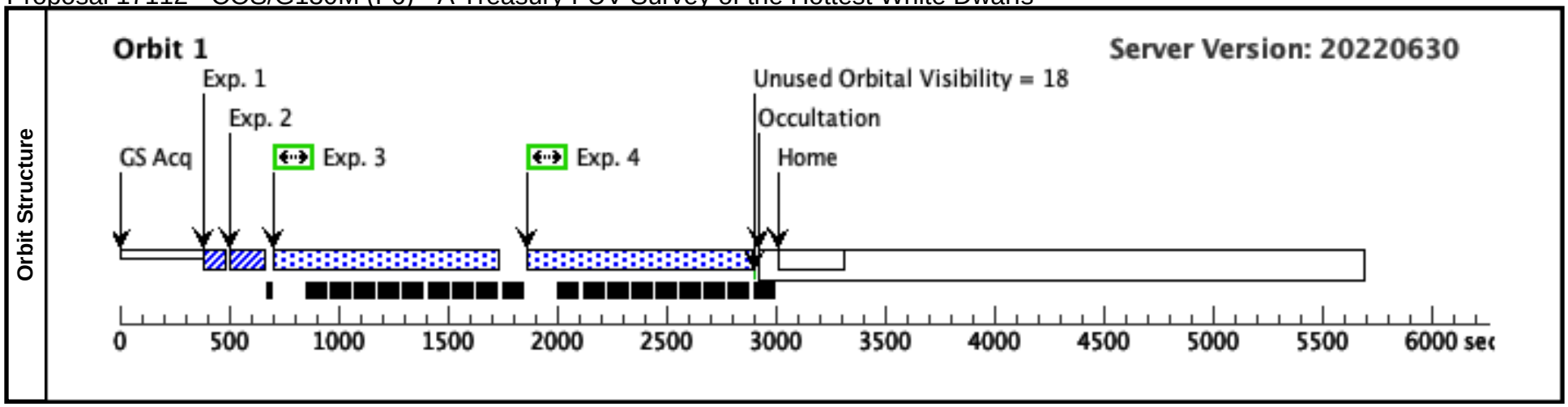
(COS/G130M (F6)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(32)	TIC20885502 Alt Name1: GAIAEDR3-305256043125603968 Alt Name2: WDJ014636.74+323614.51 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 01 46 36.7268 (26.6530283d) Dec: +32 36 14.40 (32.60400d) Equinox: J2000	Proper Motion RA: -9.591501815 mas/yr Proper Motion Dec: -7.177689445 mas/yr Parallax: 0.00301094" Epoch of Position: 2016.0	V=15.824 FUV/mag=13.66	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(32) TIC20885502	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(32) TIC20885502	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838602)	(32) TIC20885502	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=111			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838602)	(32) TIC20885502	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=111			980 Secs (980 Secs) *[==>]*	*[1]*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Exp. 3
Exp. 4
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (F7), failed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

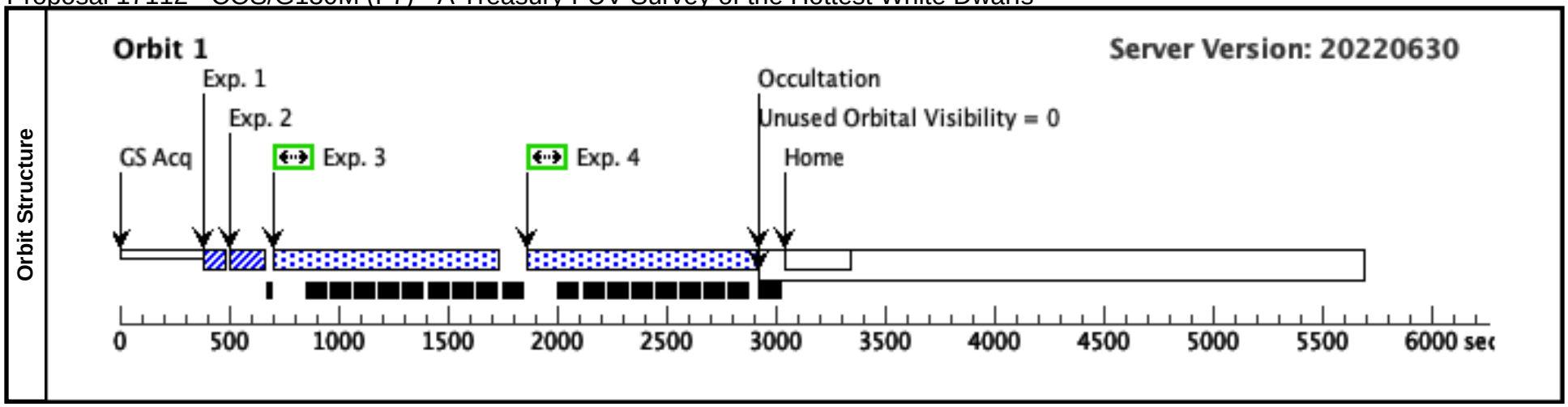
(COS/G130M (F7)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(46)	TIC95332541 Alt Name1: GAIAEDR3-2997192526074656640 Alt Name2: WDJ060244.99-135103.57 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 06 02 44.9970 (90.6874875d) Dec: -13 51 3.47 (-13.85096d) Equinox: J2000	Proper Motion RA: 8.698743843 mas/yr Proper Motion Dec: 5.835366478 mas/yr Parallax: 0.002592998" Epoch of Position: 2016.0	V=15.349 G/mag=15.319	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(46) TIC95332541	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(46) TIC95332541	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838602)	(46) TIC95332541	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=111			983 Secs (983 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838602)	(46) TIC95332541	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=111			999 Secs (999 Secs) *[==>]*	*[1]*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Exp. 4
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Occultation
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (FV) Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR repeat of visit F7.

Diagnostics

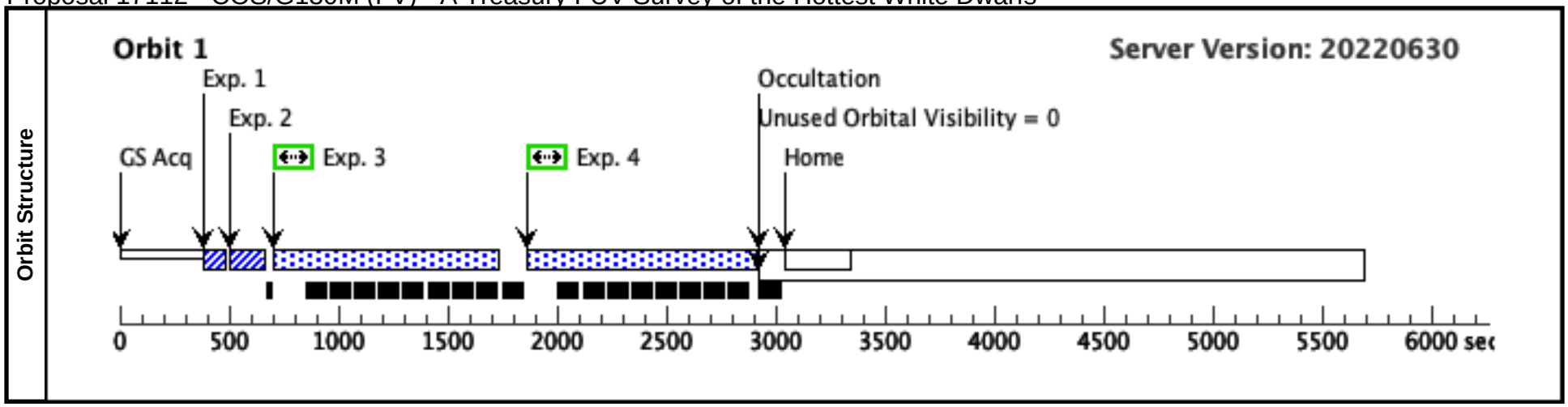
(COS/G130M (FV)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(46)	TIC95332541 Alt Name1: GAIAEDR3-2997192526074656640 Alt Name2: WDJ060244.99-135103.57 *Comments: Category=STAR Description=[DA] Extended=NO*	RA: 06 02 44.9970 (90.6874875d) Dec: -13 51 3.47 (-13.85096d) Equinox: J2000	Proper Motion RA: 8.698743843 mas/yr Proper Motion Dec: 5.835366478 mas/yr Parallax: 0.002592998" Epoch of Position: 2016.0	V=15.349 G/mag=15.319	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(46) TIC95332541	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(46) TIC95332541	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838602)	(46) TIC95332541	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=111			983 Secs (983 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838602)	(46) TIC95332541	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=111			999 Secs (999 Secs) *[==>]*	*[1]*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Exp. 3
Exp. 4
GS Acq
Occultation
Unused Orbital Visibility = 0
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6000 sec

Visit

Proposal 17112, COS/G130M (F8), failed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (F8)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

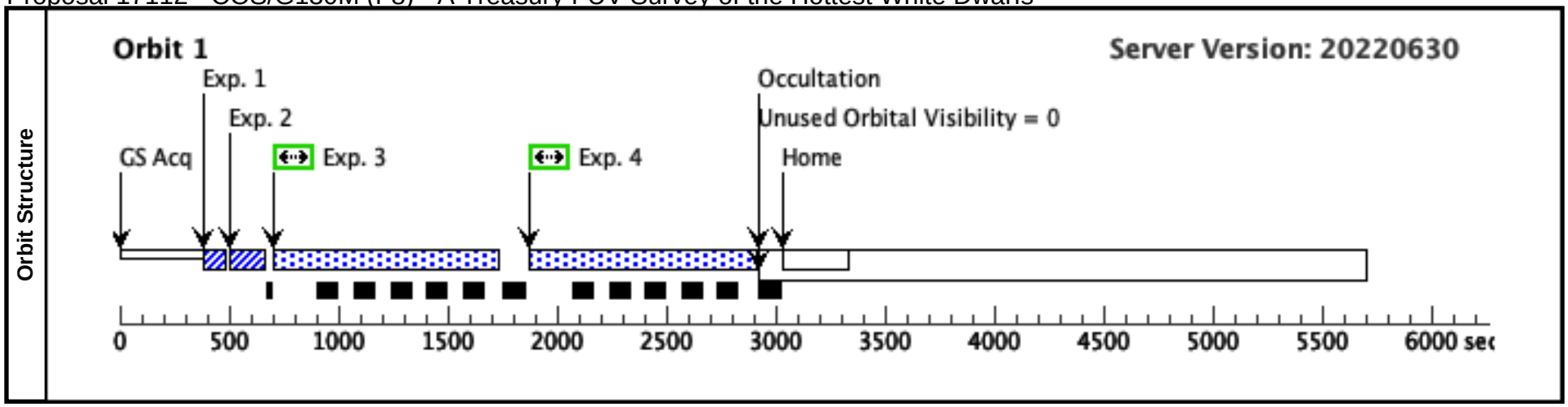
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(54)	TIC270093857 Alt Name1: GAIAEDR3-3148543497094363392 Alt Name2: WDJ073957.35+091439.23	RA: 07 39 57.3341 (114.9888921d) Dec: +09 14 39.15 (9.24421d) Equinox: J2000	Proper Motion RA: -12.88052321 mas/yr Proper Motion Dec: -5.253716117 mas/yr Parallax: 0.00234258" Epoch of Position: 2016.0	V=15.838 FUV/mag=13.5	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(54) TIC270093857	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(54) TIC270093857	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(54) TIC270093857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(54) TIC270093857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*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GS Acq
Occultation
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5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (FT), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR repeat of visit F8

Diagnostics

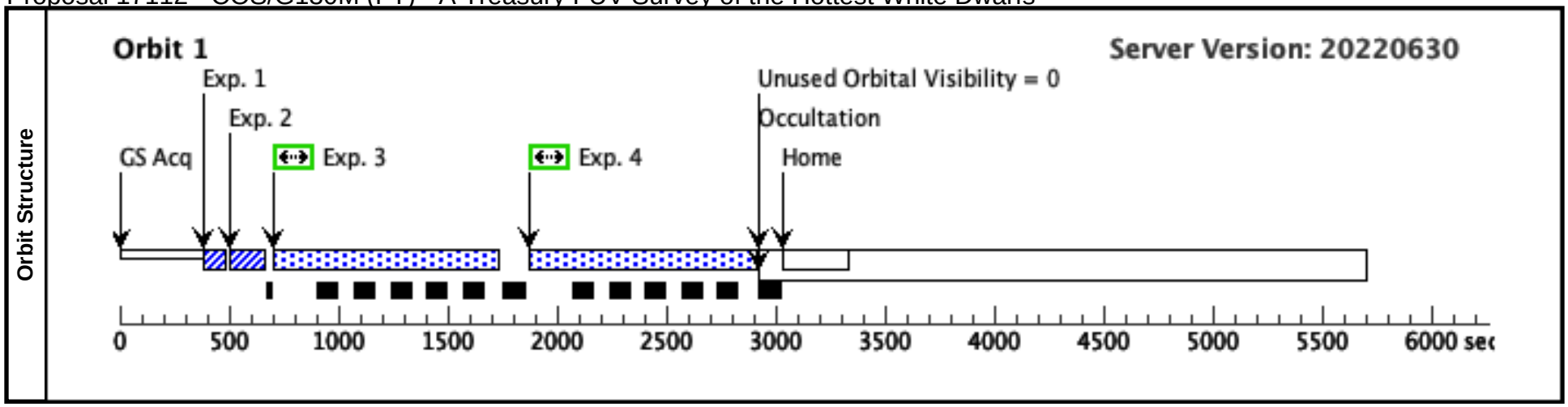
(COS/G130M (FT)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(54)	TIC270093857 Alt Name1: GAIAEDR3-3148543497094363392 Alt Name2: WDJ073957.35+091439.23 *Comments: Category=STAR Description=[DA] Extended=NO*	RA: 07 39 57.3341 (114.9888921d) Dec: +09 14 39.15 (9.24421d) Equinox: J2000	Proper Motion RA: -12.88052321 mas/yr Proper Motion Dec: -5.253716117 mas/yr Parallax: 0.00234258" Epoch of Position: 2016.0	V=15.838 FUV/mag=13.5	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(54) TIC270093857	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(54) TIC270093857	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(54) TIC270093857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(54) TIC270093857	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*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Exp. 2
Exp. 3
Exp. 4
GS Acq
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Occultation
Home
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (FA), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

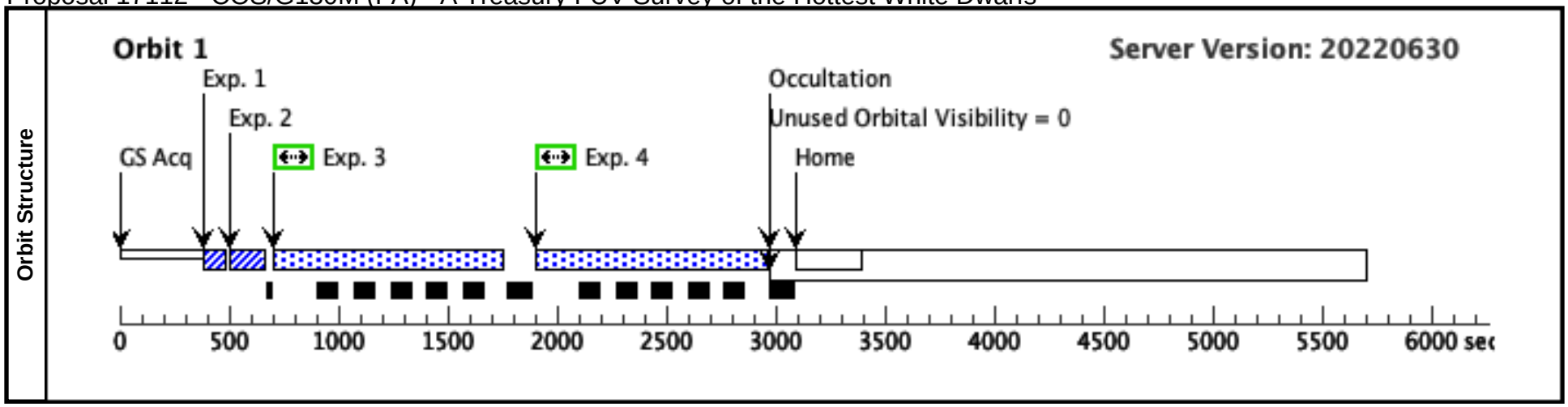
(COS/G130M (FA)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(55)	TIC335501964 Alt Name1: GAIAEDR3-1094760745409246080 Alt Name2: WDJ074725.16+651301.16 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 07 47 25.1738 (116.8548908d) Dec: +65 13 1.05 (65.21696d) Equinox: J2000	Proper Motion RA: 7.017445134 mas/yr Proper Motion Dec: -6.460136166 mas/yr Parallax: 0.003012868" Epoch of Position: 2016.0	V=15.734 FUV/mag=13.58	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(55) TIC335501964	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(55) TIC335501964	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(55) TIC335501964	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			1003 Secs (1003 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(55) TIC335501964	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			1003 Secs (1003 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
Exp. 3
Exp. 4
GS Acq
Occultation
Unused Orbital Visibility = 0
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Visit

Proposal 17112, COS/G130M (FB), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

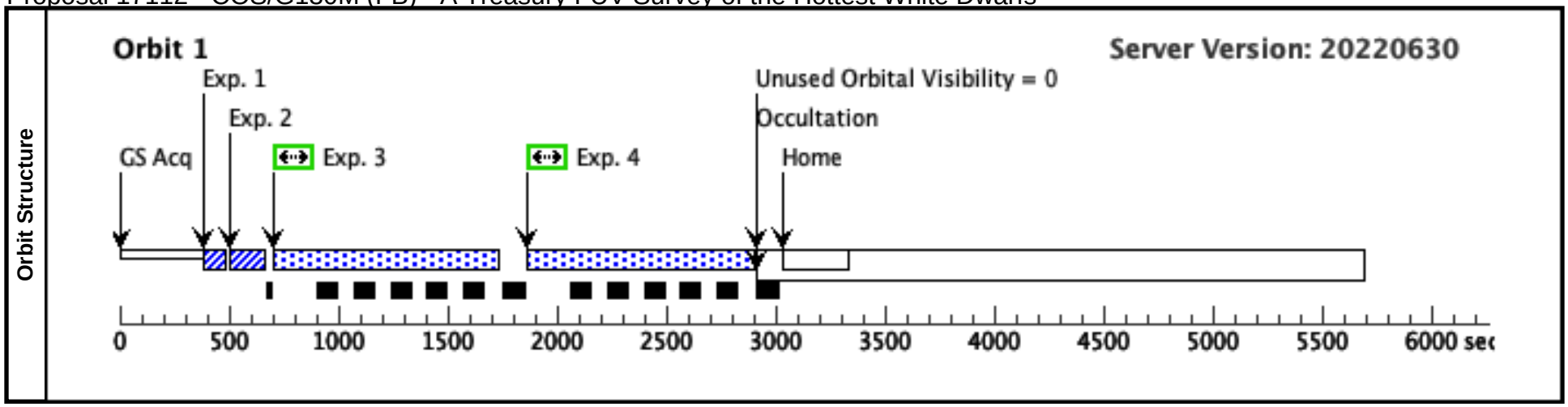
(COS/G130M (FB)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(56)	TIC122866831 Alt Name1: GAIAEDR3-3082223738847243648 Alt Name2: WDJ075134.71-015807.00 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 07 51 34.7083 (117.8946179d) Dec: -01 58 7.16 (-1.96866d) Equinox: J2000	Proper Motion RA: -3.209413933 mas/yr Proper Motion Dec: -10.33792076 mas/yr Parallax: 0.001722198" Epoch of Position: 2016.0	V=15.88 FUV/mag=13.35	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(56) TIC122866831	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(56) TIC122866831	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(56) TIC122866831	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			980 Secs (980 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(56) TIC122866831	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*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Exp. 2
Exp. 3
Exp. 4
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Unused Orbital Visibility = 0
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Visit

Proposal 17112, COS/G130M (FC), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

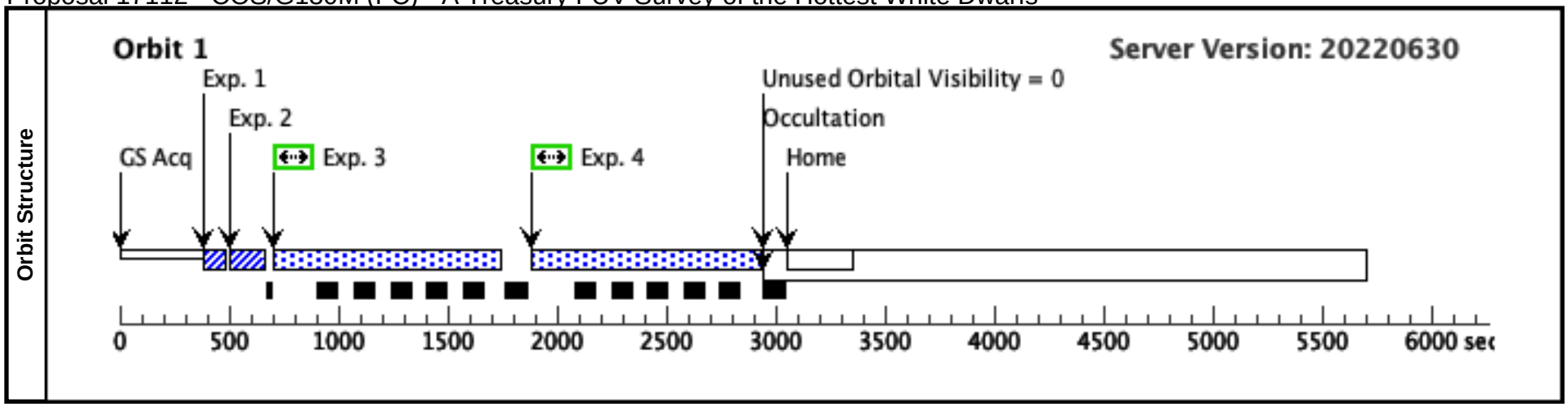
(COS/G130M (FC)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(68)	TIC950518812 Alt Name1: GAIAEDR3-1573011744729727104 Alt Name2: WDJ120728.43+540129.16 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 12 07 28.4143 (181.8683929d) Dec: +54 01 28.96 (54.02471d) Equinox: J2000	Proper Motion RA: -8.854476208 mas/yr Proper Motion Dec: -12.11113991 mas/yr Parallax: 8.73206E-4" Epoch of Position: 2016.0	V=15.946 FUV/mag=13.5	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(68) TIC950518812	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(68) TIC950518812	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(68) TIC950518812	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			994 Secs (994 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(68) TIC950518812	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			994 Secs (994 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
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Occultation
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Visit

Proposal 17112, COS/G130M (FD), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

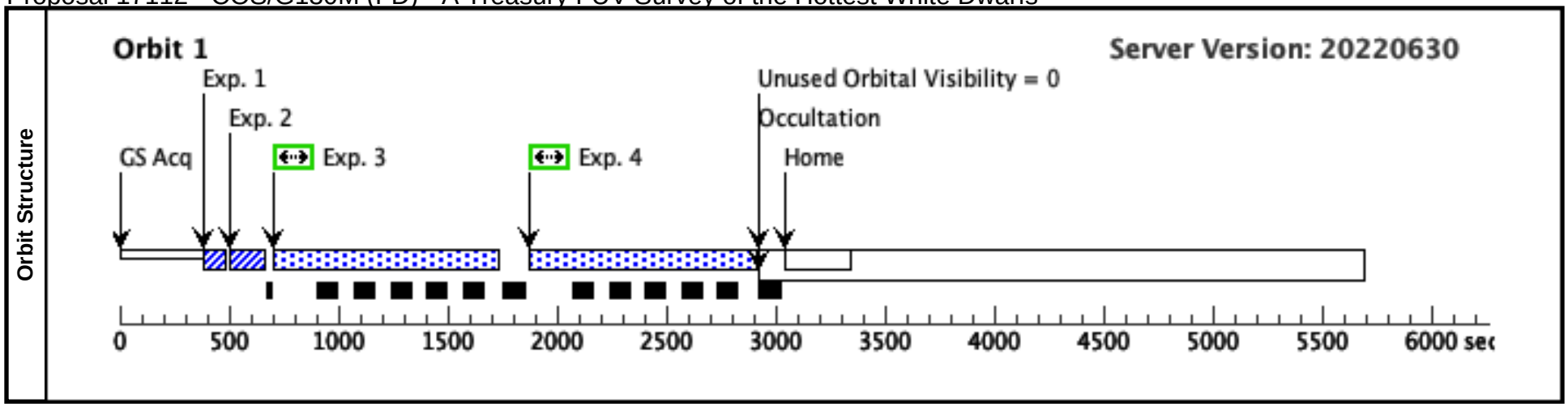
(COS/G130M (FD)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(73)	TIC999177475 Alt Name1: GAIAEDR3-6192859060011793536 Alt Name2: WDJ131503.87-253900.03 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 13 15 3.8400 (198.7660000d) Dec: -25 39 0.05 (-25.65001d) Equinox: J2000	Proper Motion RA: -27.10261244 mas/yr Proper Motion Dec: -2.701431192 mas/yr Parallax: 0.00240749" Epoch of Position: 2016.0	V=15.738 FUV/mag=13.47	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(73) TIC999177475	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(73) TIC999177475	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(73) TIC999177475	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(73) TIC999177475	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			990 Secs (990 Secs) *[==>]*	*[1]*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Occultation
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Visit

Proposal 17112, COS/G130M (FE), completed Thu Apr 20 18:02:34 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

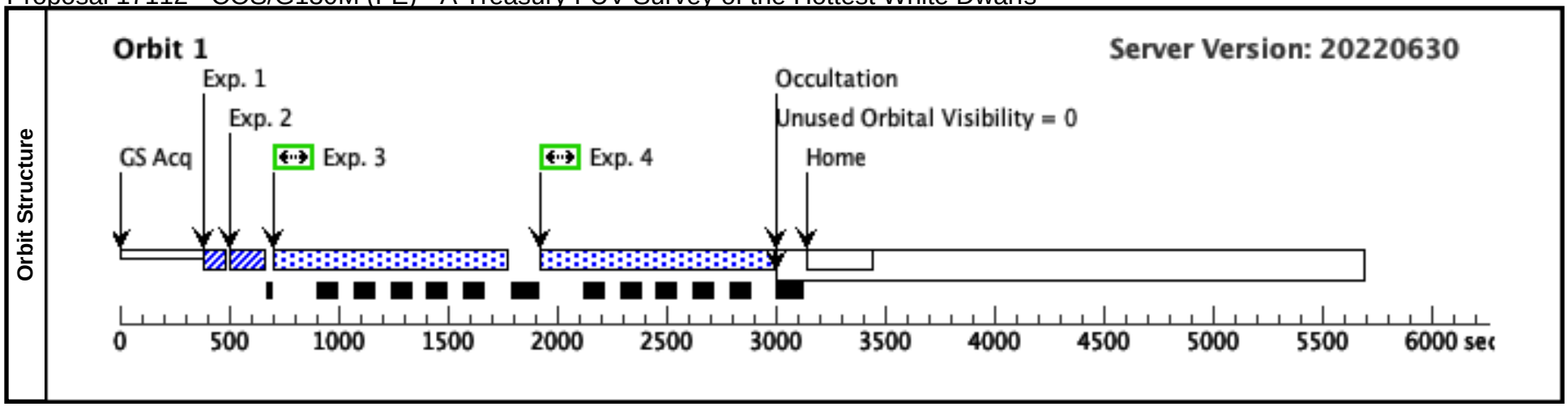
(COS/G130M (FE)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(77)	TIC219465698 Alt Name1: GAIAEDR3-1712328148664563200 Alt Name2: WDJ135724.86+753723.60 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 13 57 24.8029 (209.3533454d) Dec: +75 37 23.56 (75.62321d) Equinox: J2000	Proper Motion RA: -13.89611878 mas/yr Proper Motion Dec: -2.463794376 mas/yr Parallax: 0.004597952" Epoch of Position: 2016.0	V=15.751 NUV/mag=14.18	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(77) TIC219465698	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(77) TIC219465698	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(77) TIC219465698	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			1017 Secs (1017 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(77) TIC219465698	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			1018 Secs (1018 Secs) *[==>]*	*[1]*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Exp. 4
GS Acq
Occultation
Unused Orbital Visibility = 0
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Visit

Proposal 17112, COS/G130M (FG), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

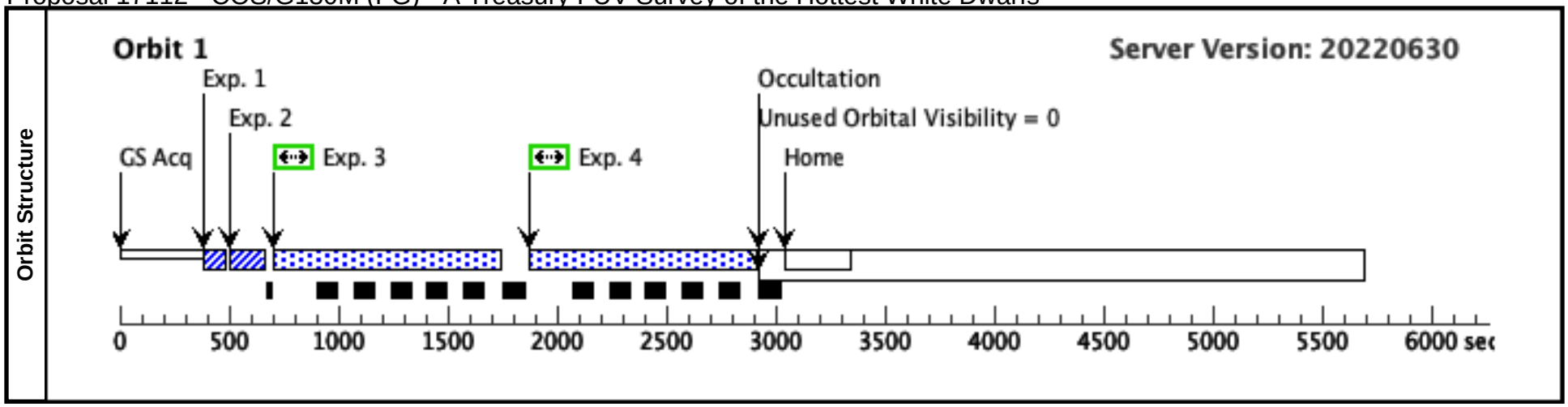
(COS/G130M (FG)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(84)	TIC24055062 Alt Name1: GAIAEDR3-1379335004879319808 Alt Name2: WDJ160152.16+380455.24 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 16 01 52.1563 (240.4673179d) Dec: +38 04 54.68 (38.08186d) Equinox: J2000	Proper Motion RA: -0.112997602 mas/yr Proper Motion Dec: -35.07670643 mas/yr Parallax: 0.002399128" Epoch of Position: 2016.0	V=15.598 NUV/mag=13.96	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(84) TIC24055062	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(84) TIC24055062	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(84) TIC24055062	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			986 Secs (986 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(84) TIC24055062	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			987 Secs (987 Secs) *[==>]*	*[1]*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GS Acq
Occultation
Unused Orbital Visibility = 0
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Visit

Proposal 17112, COS/G130M (FH), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

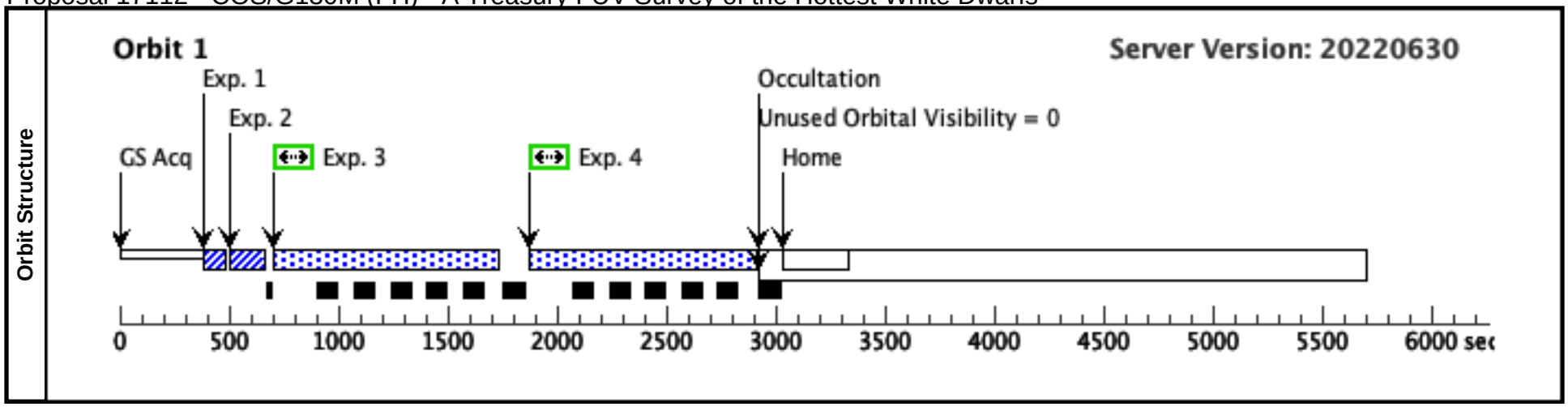
(COS/G130M (FH)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(86)	TIC8848840 Alt Name1: GAIAEDR3-4171625833944161920 Alt Name2: WDJ175629.64-072248.89 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 17 56 29.6396 (269.1234983d) Dec: -07 22 48.98 (-7.38027d) Equinox: J2000	Proper Motion RA: -2.249600988 mas/yr Proper Motion Dec: -5.375462784 mas/yr Parallax: 0.005471788" Epoch of Position: 2016.0	V=15.846 FUV/mag=13.69	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(86) TIC8848840	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(86) TIC8848840	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(86) TIC8848840	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(86) TIC8848840	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*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Visit

Proposal 17112, COS/G130M (FI), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (FI)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

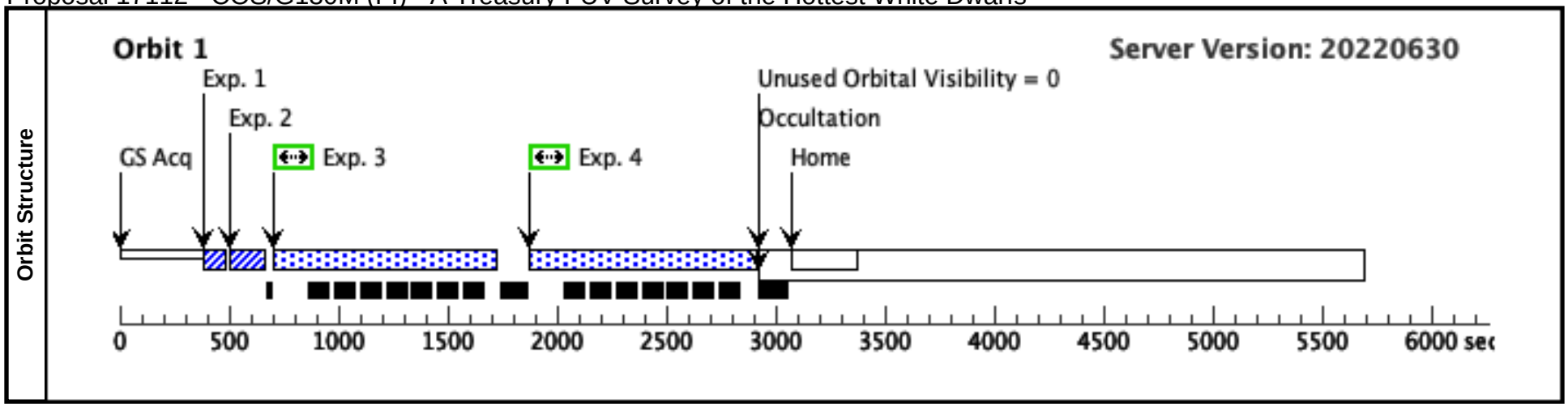
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(87)	TIC235612536 Alt Name1: GAIAEDR3-4527811530549361152 Alt Name2: WDJ181104.68+193658.10	RA: 18 11 4.6813 (272.7695054d) Dec: +19 36 57.91 (19.61609d) Equinox: J2000	Proper Motion RA: -0.895202602 mas/yr Proper Motion Dec: -11.93251755 mas/yr Parallax: 0.002345895" Epoch of Position: 2016.0	V=15.671 G/mag=15.516	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(87) TIC235612536	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(87) TIC235612536	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838569)	(87) TIC235612536	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=119			970 Secs (970 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838569)	(87) TIC235612536	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=119			986 Secs (986 Secs) *[==>]*	*[1]*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GS Acq
Unused Orbital Visibility = 0
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Visit

Proposal 17112, COS/G130M (FJ), failed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

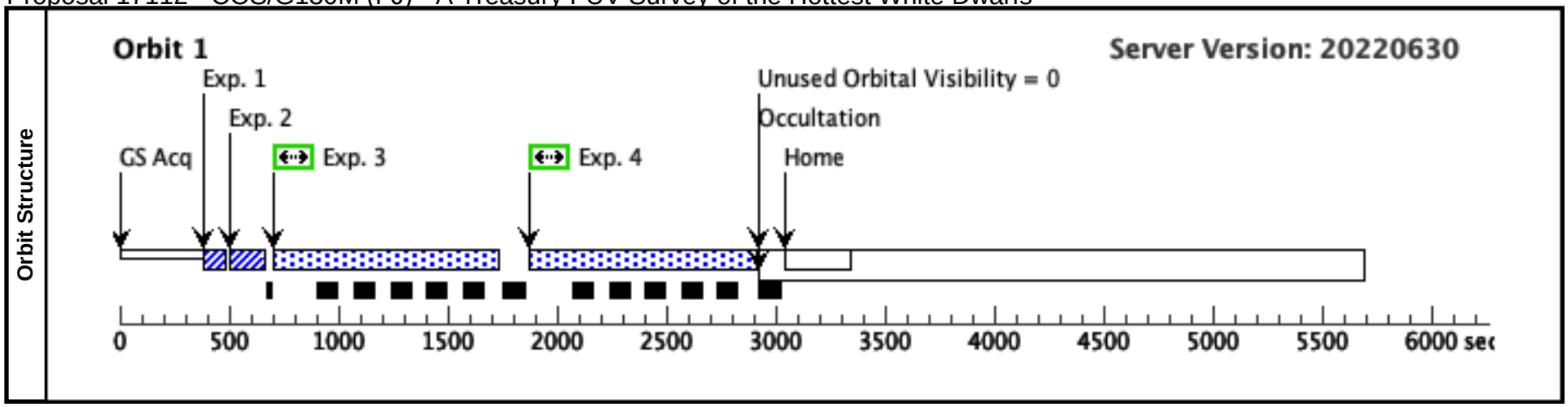
(COS/G130M (FJ)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(88)	TIC85339363 Alt Name1: GAIAEDR3-4588341466724859520 Alt Name2: WDJ182432.46+293115.88 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 18 24 32.4698 (276.1352908d) Dec: +29 31 14.61 (29.52072d) Equinox: J2000	Proper Motion RA: 10.38784953 mas/yr Proper Motion Dec: -79.44855426 mas/yr Parallax: 0.004950626" Epoch of Position: 2016.0	V=15.509 G/mag=15.366	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(88) TIC85339363	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(88) TIC85339363	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(88) TIC85339363	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(88) TIC85339363	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			990 Secs (990 Secs) *[==>]*	*[1]*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Orbit 1
Server Version: 20220630
Exp. 1
Exp. 2
Exp. 3
Exp. 4
GS Acq
Unused Orbital Visibility = 0
Occultation
Home
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6000 sec

Visit

Proposal 17112, COS/G130M (FU), failed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR Repeat of visit FU

Diagnostics

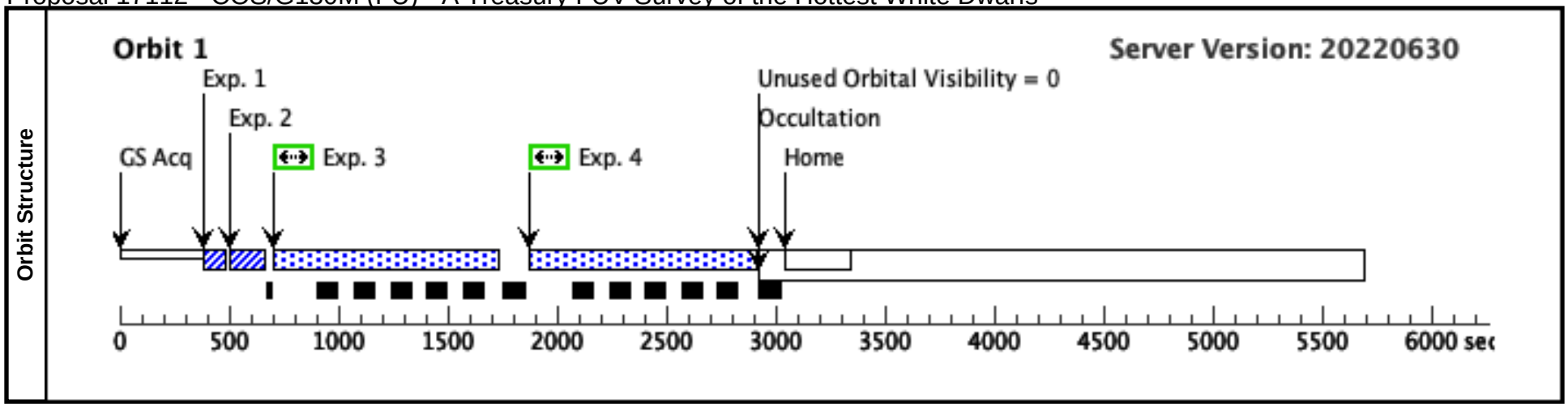
(COS/G130M (FU)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(88)	TIC85339363 Alt Name1: GAIAEDR3-4588341466724859520 Alt Name2: WDJ182432.46+293115.88 *Comments: Category=STAR Description=[DA] Extended=NO*	RA: 18 24 32.4698 (276.1352908d) Dec: +29 31 14.61 (29.52072d) Equinox: J2000	Proper Motion RA: 10.38784953 mas/yr Proper Motion Dec: -79.44855426 mas/yr Parallax: 0.004950626" Epoch of Position: 2016.0	V=15.509 G/mag=15.366	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(88) TIC85339363	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(88) TIC85339363	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(88) TIC85339363	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(88) TIC85339363	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			990 Secs (990 Secs) *[==>]*	*[1]*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Server Version: 20220630
Exp. 1
Exp. 2
Exp. 3
Exp. 4
GS Acq
Unused Orbital Visibility = 0
Occultation
Home
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6000 sec

Visit

Proposal 17112, COS/G130M (FX) Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR Repeat of visit FU

Diagnostics

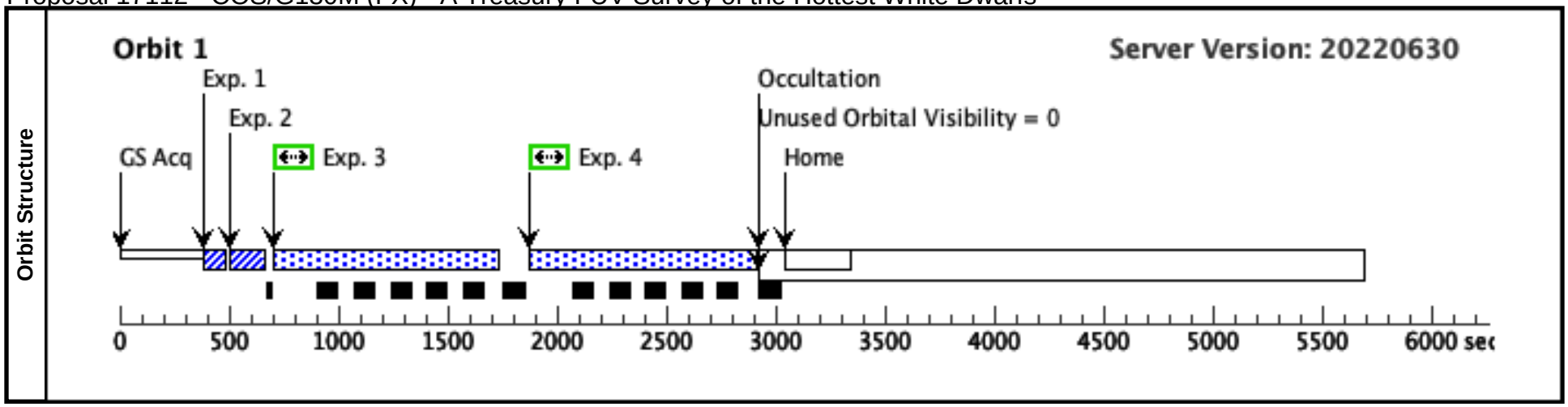
(COS/G130M (FX)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(88)	TIC85339363 Alt Name1: GAIAEDR3-4588341466724859520 Alt Name2: WDJ182432.46+293115.88 *Comments: Category=STAR Description=[DA] Extended=NO*	RA: 18 24 32.4698 (276.1352908d) Dec: +29 31 14.61 (29.52072d) Equinox: J2000	Proper Motion RA: 10.38784953 mas/yr Proper Motion Dec: -79.44855426 mas/yr Parallax: 0.004950626" Epoch of Position: 2016.0	V=15.509 G/mag=15.366	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(88) TIC85339363	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(88) TIC85339363	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(88) TIC85339363	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(88) TIC85339363	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			990 Secs (990 Secs) *[==>]*	*[1]*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Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
Home
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (FK), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

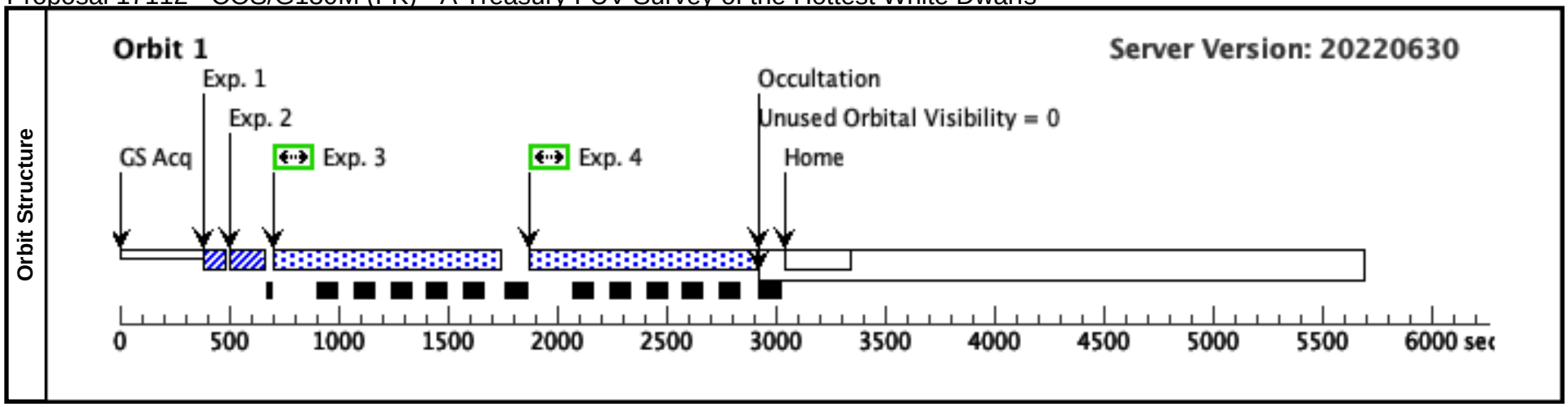
(COS/G130M (FK)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(92)	TIC344581443 Alt Name1: GAIAEDR3-4088363189949761280 Alt Name2: WDJ190416.13-170153.08 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 19 04 16.1243 (286.0671846d) Dec: -17 01 53.06 (-17.03141d) Equinox: J2000	Proper Motion RA: -7.208783861 mas/yr Proper Motion Dec: 0.664569955 mas/yr Parallax: 0.002664283" Epoch of Position: 2016.0	V=15.561 G/mag=15.501	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(92) TIC344581443	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(92) TIC344581443	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(92) TIC344581443	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(92) TIC344581443	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			988 Secs (988 Secs) *[==>]*	*[1]*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Exp. 2
Exp. 3
Exp. 4
GS Acq
Occultation
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Home
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6000 sec

Visit

Proposal 17112, COS/G130M (FL), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

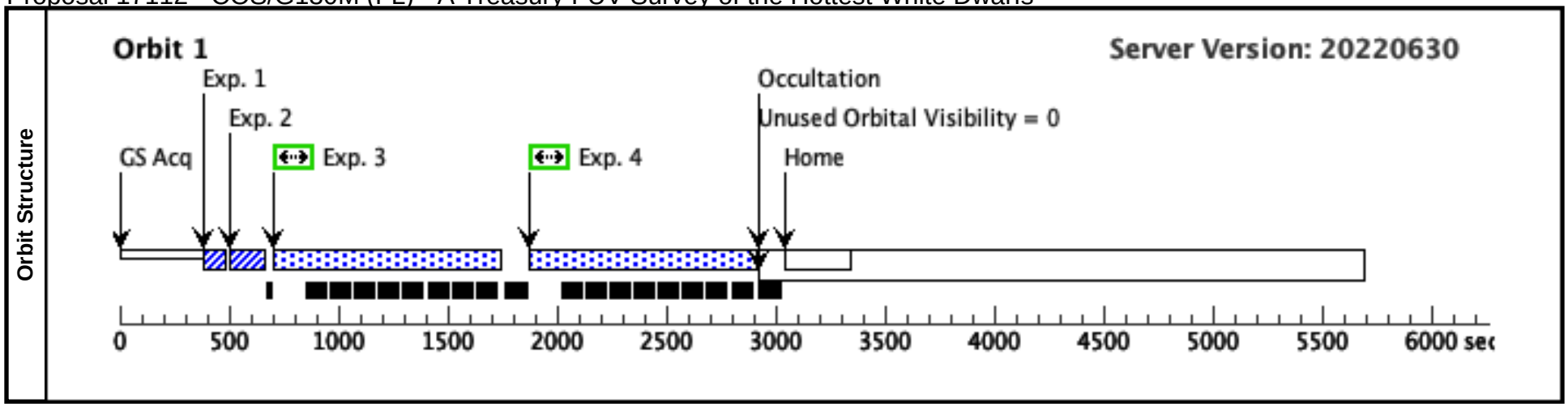
(COS/G130M (FL)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(96)	TIC1846689686 Alt Name1: GAIAEDR3-1825175665626909696 Alt Name2: WDJ193349.96+185203.07 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 19 33 49.9659 (293.4581912d) Dec: +18 52 2.79 (18.86744d) Equinox: J2000	Proper Motion RA: 6.23742752 mas/yr Proper Motion Dec: -17.64090794 mas/yr Parallax: 0.002896734" Epoch of Position: 2016.0	V=15.454 G/mag=15.385	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(96) TIC1846689686	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(96) TIC1846689686	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838602)	(96) TIC1846689686	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=111			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838602)	(96) TIC1846689686	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=111			988 Secs (988 Secs) *[==>]*	*[1]*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Exp. 2
Exp. 3
Exp. 4
GS Acq
Occultation
Unused Orbital Visibility = 0
Home
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Visit

Proposal 17112, COS/G130M (FM), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (FM)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

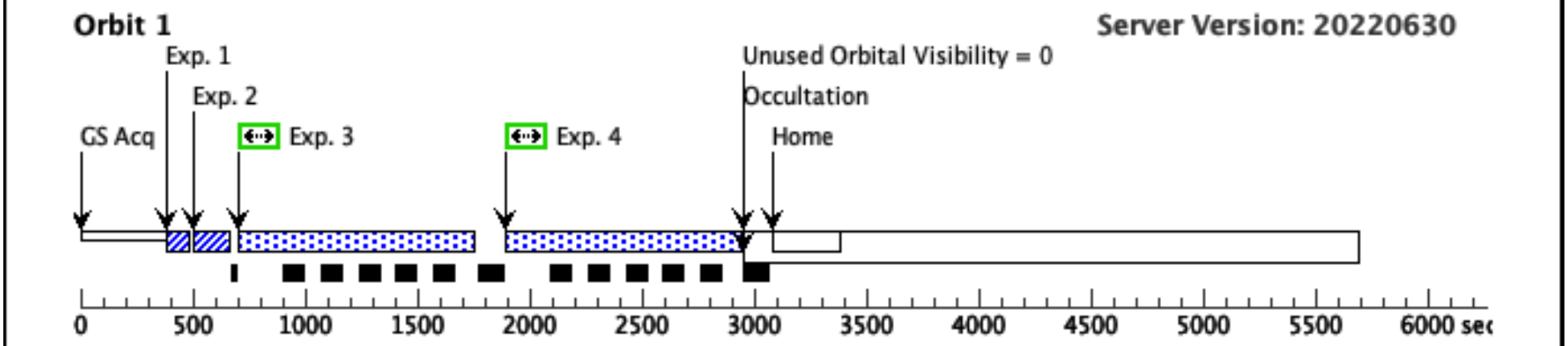
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(98)	TIC410414842 Alt Name1: GAIAEDR3-6451742611825266176 Alt Name2: WDJ211532.62-615849.50 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 21 15 32.6149 (318.8858954d) Dec: -61 58 49.26 (-61.98035d) Equinox: J2000	Proper Motion RA: -0.910069177 mas/yr Proper Motion Dec: 15.14167984 mas/yr Parallax: 0.002791439" Epoch of Position: 2016.0	V=16.112 FUV/mag=13.72	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(98) TIC410414842	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(98) TIC410414842	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(98) TIC410414842	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			997 Secs (997 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(98) TIC410414842	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			997 Secs (997 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 17112, COS/G130M (FN), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

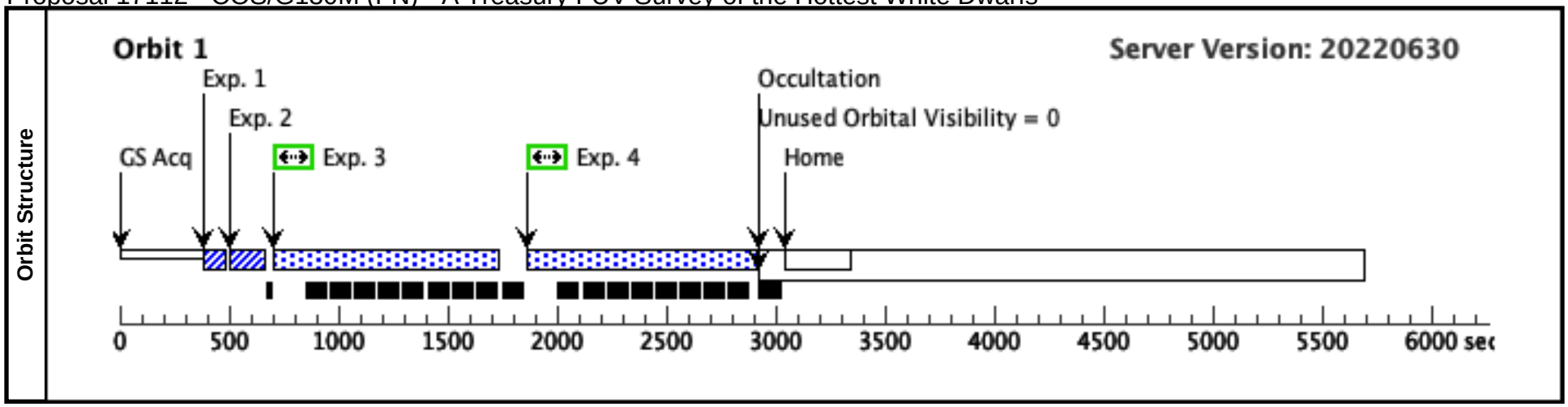
(COS/G130M (FN)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(99)	TIC163802843 Alt Name1: GAIAEDR3-1855159244606707968 Alt Name2: WDJ212355.09+342017.32 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 21 23 55.1213 (320.9796721d) Dec: +34 20 17.40 (34.33817d) Equinox: J2000	Proper Motion RA: 25.00006575 mas/yr Proper Motion Dec: 4.821124754 mas/yr Parallax: 0.004143174" Epoch of Position: 2016.0	V=15.415 NUV/mag=13.85	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(99) TIC163802843	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(99) TIC163802843	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838602)	(99) TIC163802843	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=111			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838602)	(99) TIC163802843	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=111			998 Secs (998 Secs) *[==>]*	*[1]*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Exp. 1
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Unused Orbital Visibility = 0
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Visit

Proposal 17112, COS/G130M (FO), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

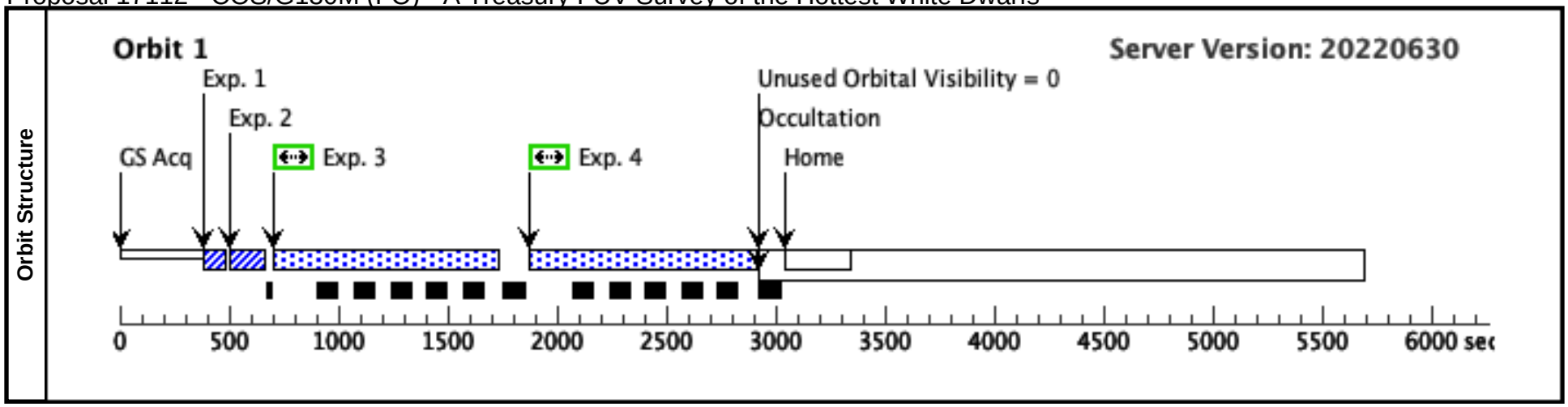
(COS/G130M (FO)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(101)	TIC239631587 Alt Name1: GAIAEDR3-1946828793190034560 Alt Name2: WDJ214212.56+322052.17 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 21 42 12.5970 (325.5524875d) Dec: +32 20 51.99 (32.34778d) Equinox: J2000	Proper Motion RA: 28.40149667 mas/yr Proper Motion Dec: -11.57907376 mas/yr Parallax: 0.004352819" Epoch of Position: 2016.0	V=15.634 FUV/mag=13.37	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(101) TIC239631587	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(101) TIC239631587	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(101) TIC239631587	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(101) TIC239631587	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			989 Secs (989 Secs) *[==>]*	*[1]*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Server Version: 20220630
Exp. 1
Exp. 2
Exp. 3
Exp. 4
GS Acq
Unused Orbital Visibility = 0
Occultation
Home
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6000 sec

Visit

Proposal 17112, COS/G130M (FP), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

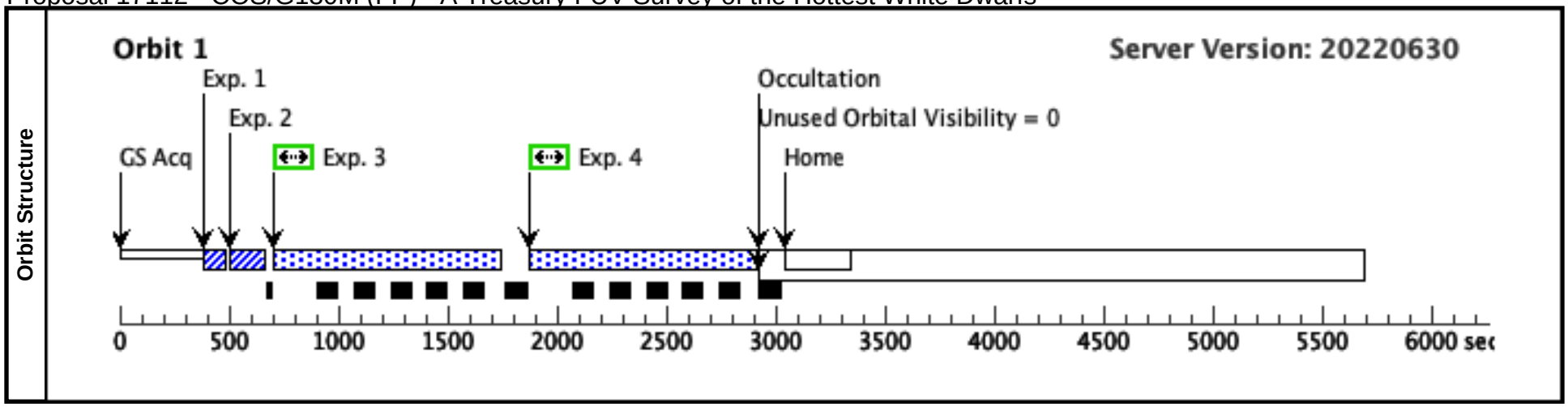
(COS/G130M (FP)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(104)	TIC197735254 Alt Name1: GAIAEDR3-6571754443436630272 Alt Name2: WDJ220228.58-411431.56 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 22 02 28.6038 (330.6191825d) Dec: -41 14 32.35 (-41.24232d) Equinox: J2000	Proper Motion RA: 18.13262969 mas/yr Proper Motion Dec: -49.22017042 mas/yr Parallax: 0.003698689" Epoch of Position: 2016.0	V=15.626 FUV/mag=13.58	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(104) TIC197735254	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(104) TIC197735254	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(104) TIC197735254	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(104) TIC197735254	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			988 Secs (988 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 1
Exp. 2
GS Acq
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (FQ), scheduled Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

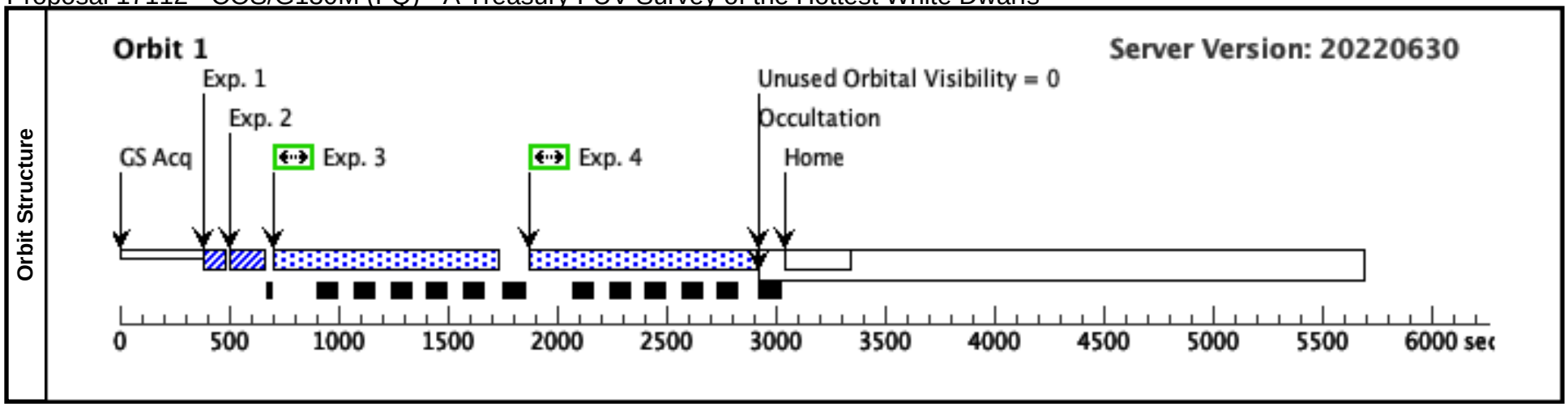
(COS/G130M (FQ)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(106)	TIC372363437 Alt Name1: GAIAEDR3-1956266726120344704 Alt Name2: WDJ220817.34+390711.18 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 22 08 17.3315 (332.0722146d) Dec: +39 07 10.86 (39.11968d) Equinox: J2000	Proper Motion RA: -8.448611253 mas/yr Proper Motion Dec: -20.30997826 mas/yr Parallax: 0.00275439" Epoch of Position: 2016.0	V=15.049 FUV/mag=13.58	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(106) TIC372363437	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(106) TIC372363437	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813289)	(106) TIC372363437	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=166			984 Secs (984 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813289)	(106) TIC372363437	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=166			989 Secs (989 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 1
Exp. 2
Exp. 3
Exp. 4
GS Acq
Unused Orbital Visibility = 0
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (FR), scheduling Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

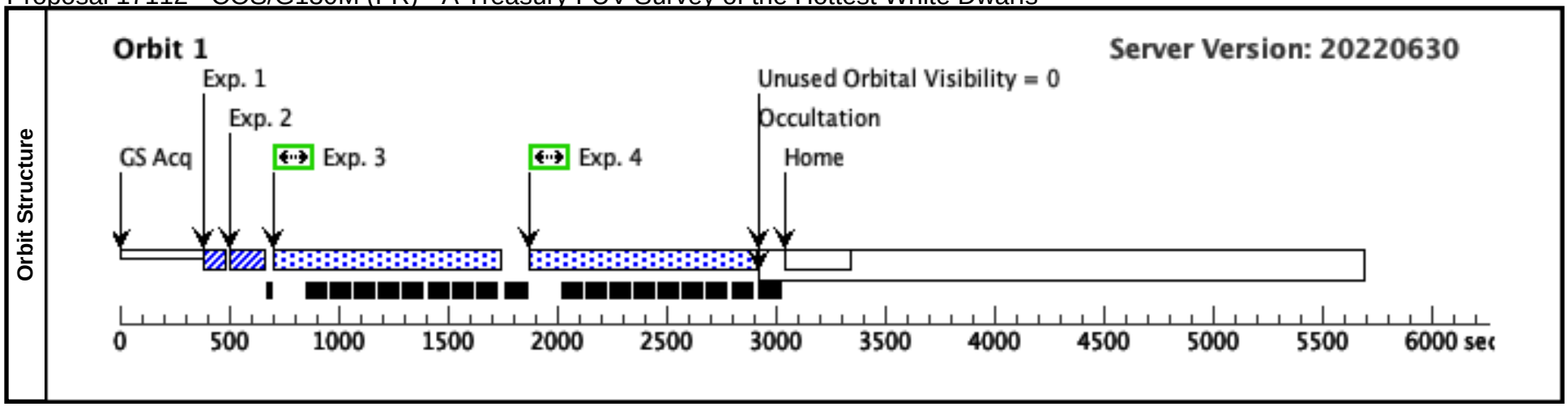
(COS/G130M (FR)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(108)	TIC90884697 Alt Name1: GAIAEDR3-1885477727979289088 Alt Name2: WDJ231128.13+292934.05 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 23 11 28.1109 (347.8671288d) Dec: +29 29 33.82 (29.49273d) Equinox: J2000	Proper Motion RA: -14.82302357 mas/yr Proper Motion Dec: -14.53628643 mas/yr Parallax: 0.00394704" Epoch of Position: 2016.0	V=15.478 FUV/mag=13.43	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813288)	(108) TIC90884697	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813288)	(108) TIC90884697	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1838602)	(108) TIC90884697	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=111			987 Secs (987 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1838602)	(108) TIC90884697	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=111			987 Secs (987 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 1
Exp. 2
Exp. 3
Exp. 4
GS Acq
Unused Orbital Visibility = 0
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (G1), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (G1)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (G1)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

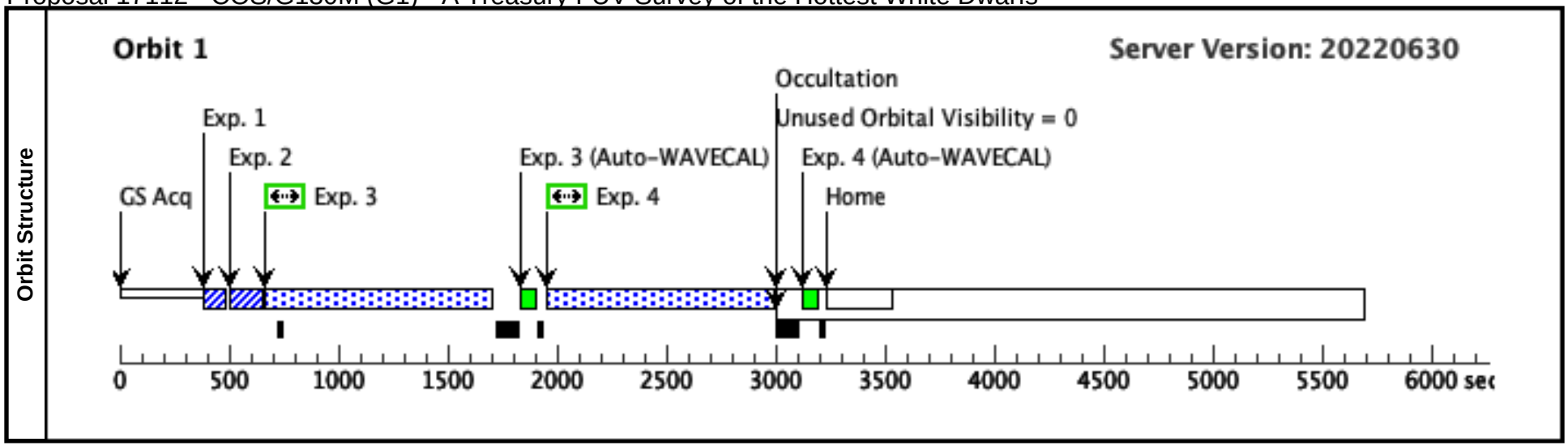
(COS/G130M (G1)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	TIC183799565 Alt Name1: GAIAEDR3-4637921057358156416 Alt Name2: WDJ012253.41-752114.72 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 01 22 53.6916 (20.7237150d) Dec: -75 21 15.13 (-75.35420d) Equinox: J2000	Proper Motion RA: 66.21815152 mas/yr Proper Motion Dec: -25.47129532 mas/yr Parallax: 0.001196056" Epoch of Position: 2016.0	V=15.546 FUV/mag=13.06	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813291)	(29) TIC183799565	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.5 Secs (0.5 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813291)	(29) TIC183799565	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813292)	(29) TIC183799565	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			983 Secs (983 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813292)	(29) TIC183799565	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			984 Secs (984 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 3 (Auto-WAVECAL)
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
0
500
1000
1500
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3500
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4500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (G2), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (G2)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (G2)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (G2)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

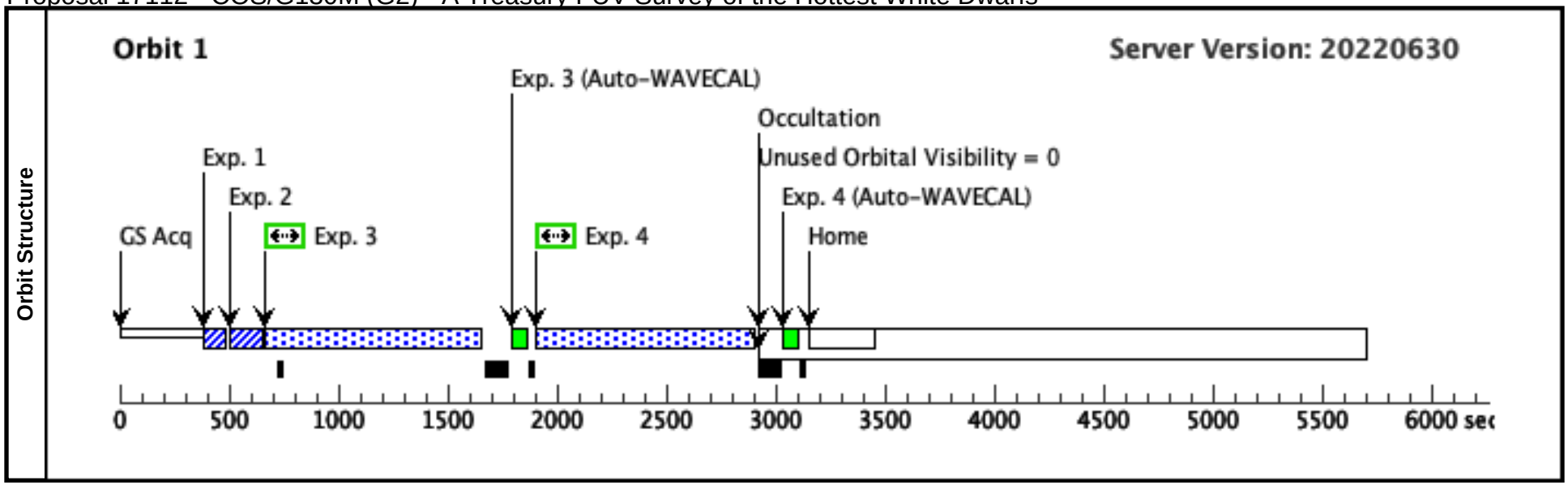
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	TIC25062206 Alt Name1: GAIAEDR3-2490524442573786112 Alt Name2: WDJ020351.33-063906.46	RA: 02 03 51.3656 (30.9640233d) Dec: -06 39 6.00 (-6.65167d) Equinox: J2000	Proper Motion RA: 33.81714987 mas/yr Proper Motion Dec: 28.81325933 mas/yr Parallax: 0.003941082" Epoch of Position: 2016.0	V=15.457 FUV/mag=12.99	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813291)	(33) TIC25062206	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.5 Secs (0.5 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813291)	(33) TIC25062206	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813292)	(33) TIC25062206	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			940 Secs (940 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813292)	(33) TIC25062206	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			941 Secs (941 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
0
500
1000
1500
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3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (G4), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (G4)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (G4)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (G4)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

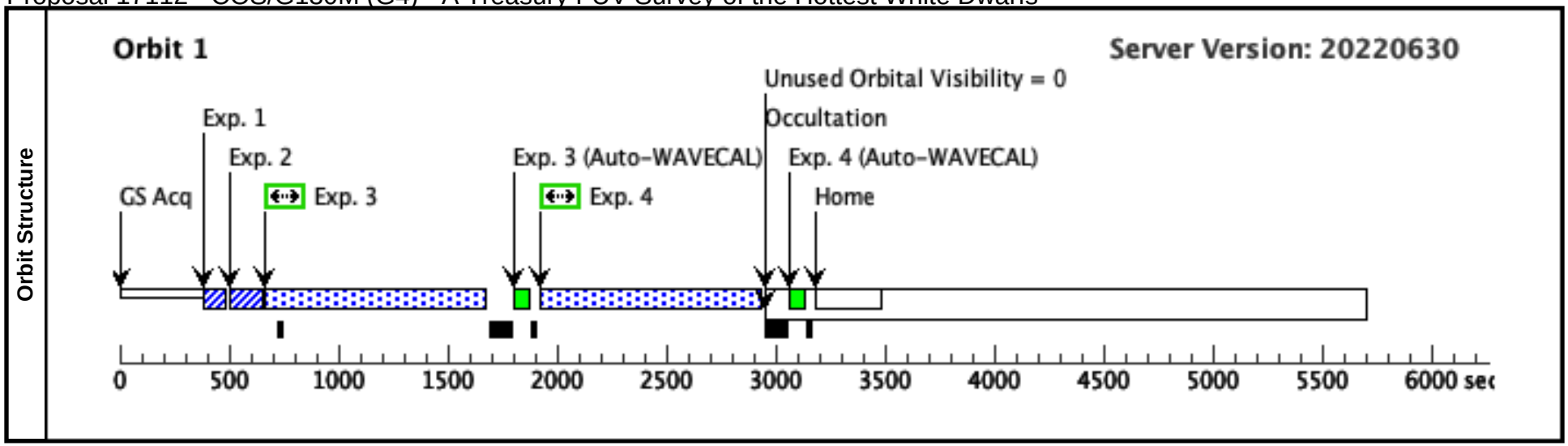
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	TIC245539908 Alt Name1: GAIAEDR3-464175257620875648 Alt Name2: WDJ023722.53+583405.41	RA: 02 37 22.5653 (39.3440221d) Dec: +58 34 4.96 (58.56804d) Equinox: J2000	Proper Motion RA: 14.91178783 mas/yr Proper Motion Dec: -28.37983373 mas/yr Parallax: 0.004587885" Epoch of Position: 2016.0	V=15.53 G/mag=15.194	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813291)	(38) TIC245539908	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.5 Secs (0.5 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813291)	(38) TIC245539908	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813292)	(38) TIC245539908	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			954 Secs (954 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813292)	(38) TIC245539908	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			955 Secs (955 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Unused Orbital Visibility = 0
Occultation
Exp. 1
Exp. 2
Exp. 3 (Auto-WAVECAL)
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (G5), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (G5)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (G5)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

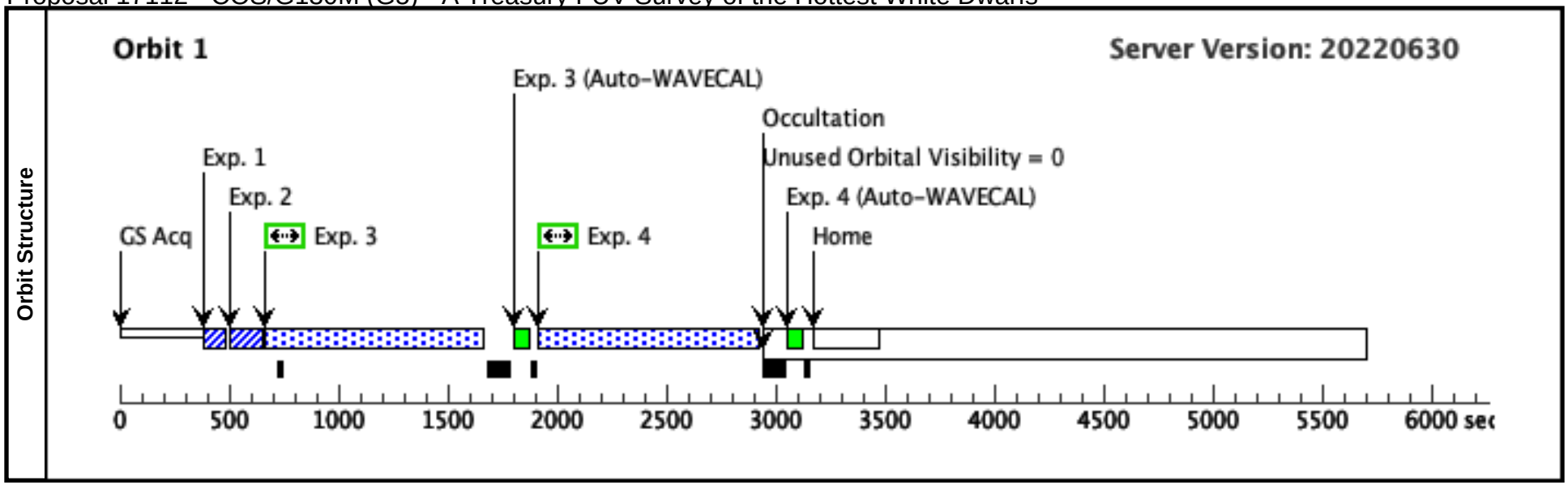
(COS/G130M (G5)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(43)	TIC321741942 Alt Name1: GAIAEDR3-264990106251426432 Alt Name2: WDJ053628.29+544855.45 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 05 36 28.3106 (84.1179608d) Dec: +54 48 55.12 (54.81531d) Equinox: J2000	Proper Motion RA: 12.92630944 mas/yr Proper Motion Dec: -20.94885757 mas/yr Parallax: 0.00457626" Epoch of Position: 2016.0	V=15.207 FUV/mag=13.22	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813291)	(43) TIC321741942	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.5 Secs (0.5 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813291)	(43) TIC321741942	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813292)	(43) TIC321741942	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			950 Secs (950 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813292)	(43) TIC321741942	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			951 Secs (951 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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3500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (G6), failed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (G6)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (G6)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

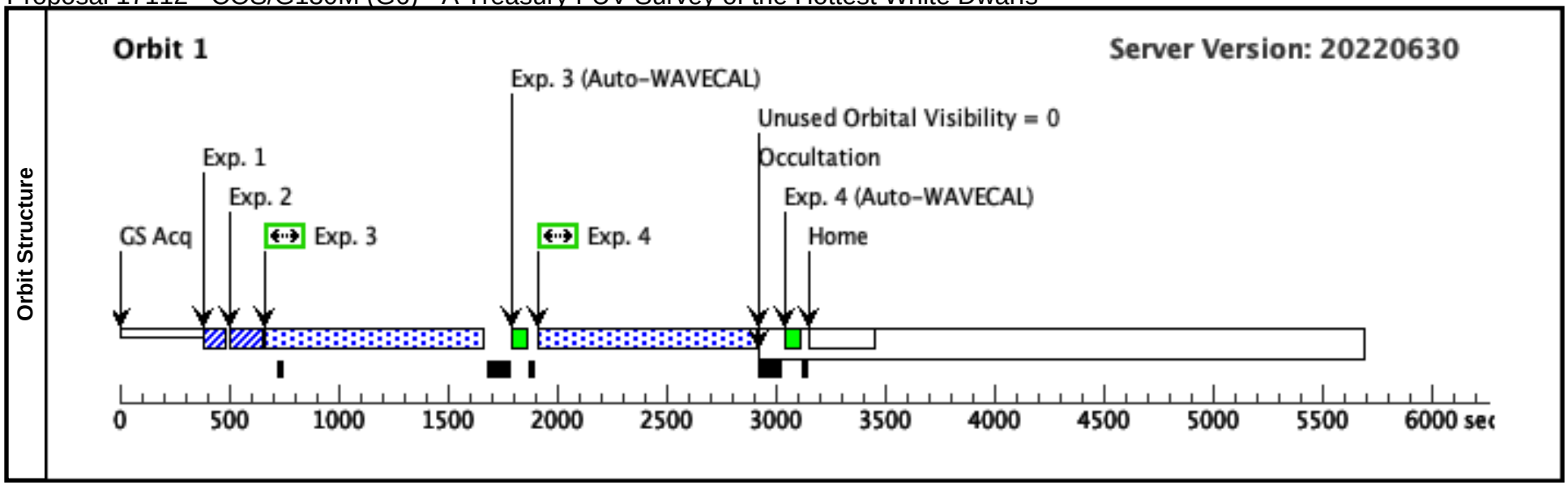
(COS/G130M (G6)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(49)	TIC333432673 Alt Name1: GAIAEDR3-2950907725113997312 Alt Name2: WDJ064115.64-134123.77 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 06 41 15.6414 (100.3151725d) Dec: -13 41 24.00 (-13.69000d) Equinox: J2000	Proper Motion RA: -2.277554816 mas/yr Proper Motion Dec: -14.57740519 mas/yr Parallax: 0.002551914" Epoch of Position: 2016.0	V=15.268 G/mag=15.215	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813291)	(49) TIC333432673	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.5 Secs (0.5 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813291)	(49) TIC333432673	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813292)	(49) TIC333432673	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813292)	(49) TIC333432673	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Unused Orbital Visibility = 0
Occultation
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (GA), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR repeat of visit G6

Diagnostics

(COS/G130M (GA)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (GA)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

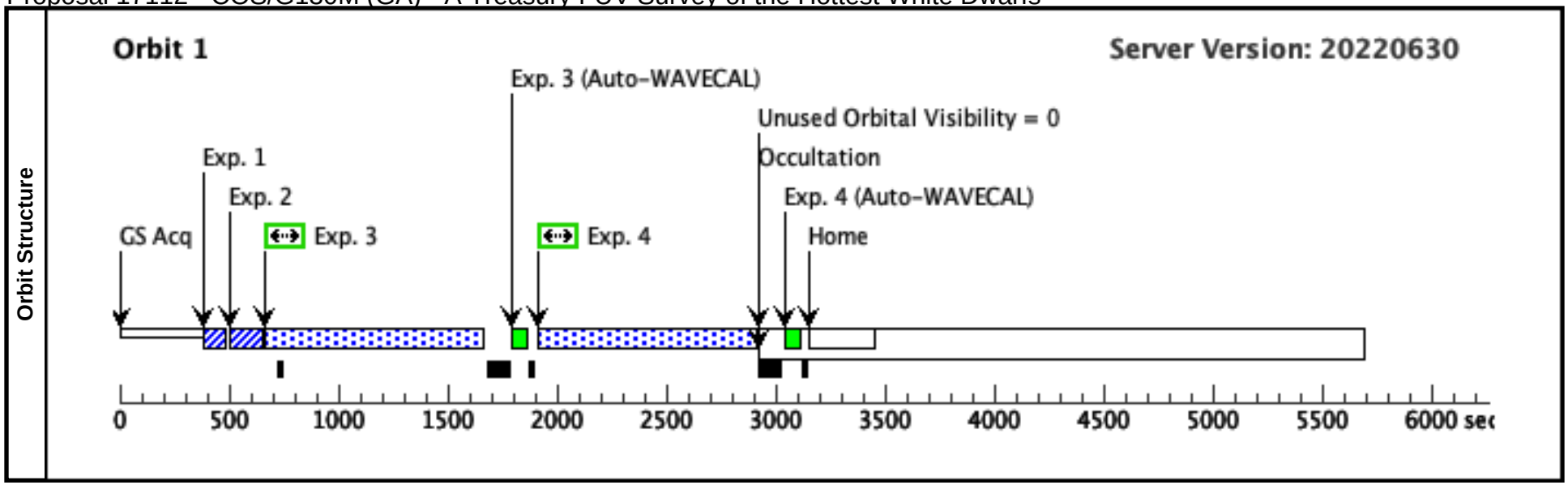
(COS/G130M (GA)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(49)	TIC333432673 Alt Name1: GAIAEDR3-2950907725113997312 Alt Name2: WDJ064115.64-134123.77 *Comments: Category=STAR Description=[DA] Extended=NO*	RA: 06 41 15.6414 (100.3151725d) Dec: -13 41 24.00 (-13.69000d) Equinox: J2000	Proper Motion RA: -2.277554816 mas/yr Proper Motion Dec: -14.57740519 mas/yr Parallax: 0.002551914" Epoch of Position: 2016.0	V=15.268 G/mag=15.215	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813291)	(49) TIC333432673	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.5 Secs (0.5 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813291)	(49) TIC333432673	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813292)	(49) TIC333432673	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813292)	(49) TIC333432673	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Unused Orbital Visibility = 0
Occultation
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
0
500
1000
1500
2000
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3000
3500
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4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (G7), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (G7)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (G7)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

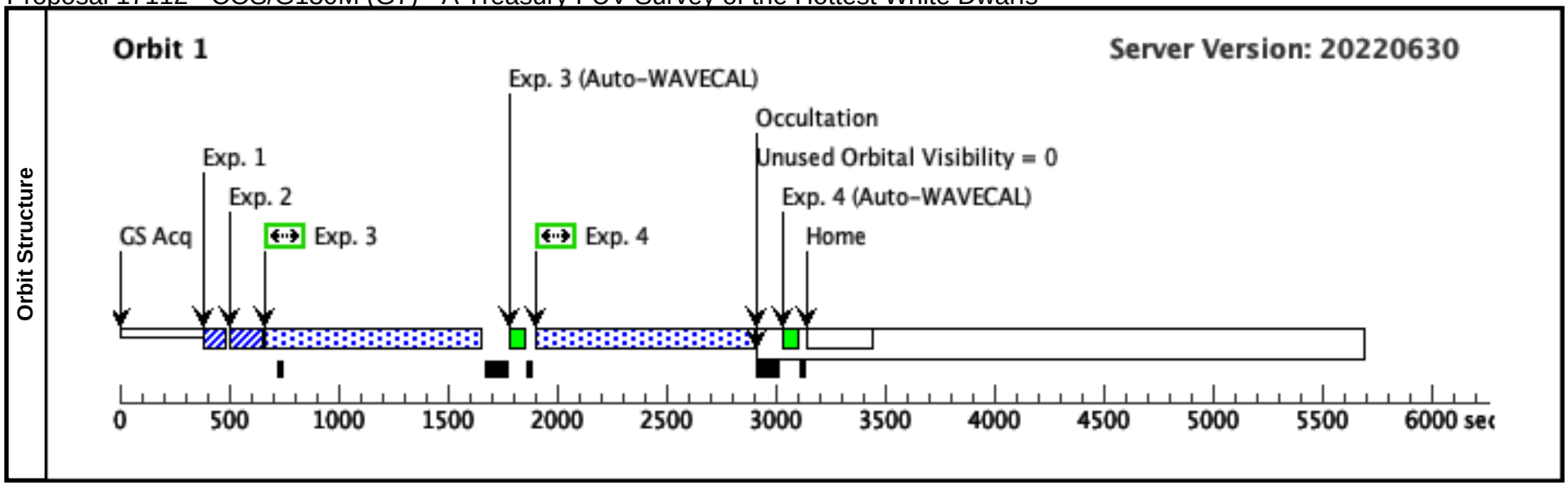
(COS/G130M (G7)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(59)	TIC72983467 Alt Name1: GAIAEDR3-3081493766205183232 Alt Name2: WDJ080029.42-015039.82 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 08 00 29.3985 (120.1224938d) Dec: -01 50 39.39 (-1.84427d) Equinox: J2000	Proper Motion RA: -20.00664281 mas/yr Proper Motion Dec: 27.28279195 mas/yr Parallax: 0.002390948" Epoch of Position: 2016.0	V=15.404 FUV/mag=12.99	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813291)	(59) TIC72983467	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.5 Secs (0.5 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813291)	(59) TIC72983467	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813292)	(59) TIC72983467	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			938 Secs (938 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813292)	(59) TIC72983467	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			939 Secs (939 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (G8), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (G8)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (G8)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

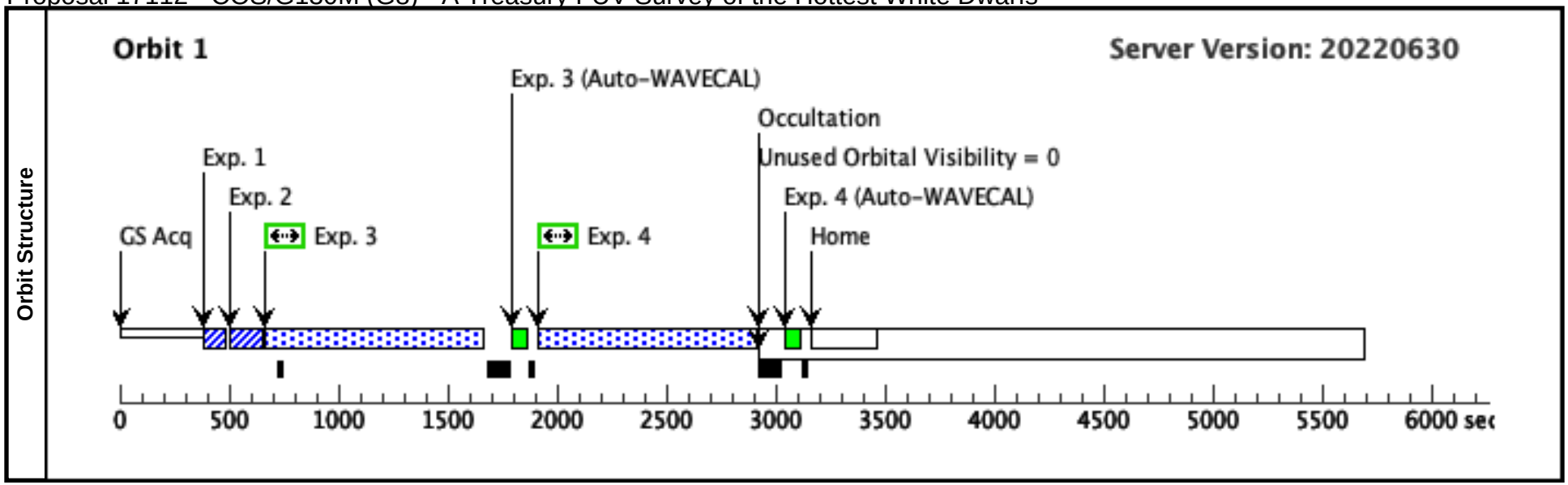
(COS/G130M (G8)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(61)	TIC362023614 Alt Name1: GAIAEDR3-921460739159662080 Alt Name2: WDJ080558.34+410931.84 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 08 05 58.3142 (121.4929758d) Dec: +41 09 31.46 (41.15874d) Equinox: J2000	Proper Motion RA: -15.74100522 mas/yr Proper Motion Dec: -24.20347204 mas/yr Parallax: 0.004471597" Epoch of Position: 2016.0	V=15.376 FUV/mag=13.09	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813291)	(61) TIC362023614	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.5 Secs (0.5 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813291)	(61) TIC362023614	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813292)	(61) TIC362023614	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			944 Secs (944 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813292)	(61) TIC362023614	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			944 Secs (944 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (G9), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (G9)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (G9)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (G9)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

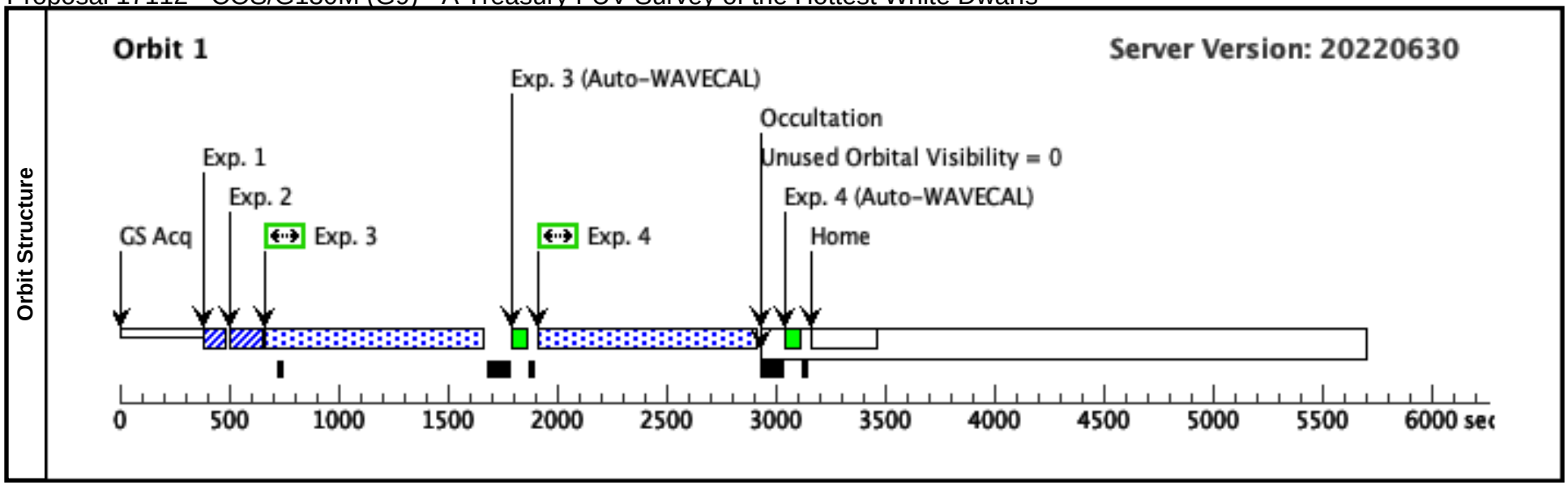
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(62)	TIC22635383 Alt Name1: GAIAEDR3-931238043230275968 Alt Name2: WDJ081548.93+474038.99	RA: 08 15 48.8778 (123.9536575d) Dec: +47 40 38.02 (47.67723d) Equinox: J2000	Proper Motion RA: -32.23239552 mas/yr Proper Motion Dec: -60.71101039 mas/yr Parallax: 0.004452981" Epoch of Position: 2016.0	V=15.759 FUV/mag=13.13	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813291)	(62) TIC22635383	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.5 Secs (0.5 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813291)	(62) TIC22635383	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813292)	(62) TIC22635383	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			946 Secs (946 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813292)	(62) TIC22635383	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			946 Secs (946 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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3500
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4500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (H1), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (H1)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (H1)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (H1)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

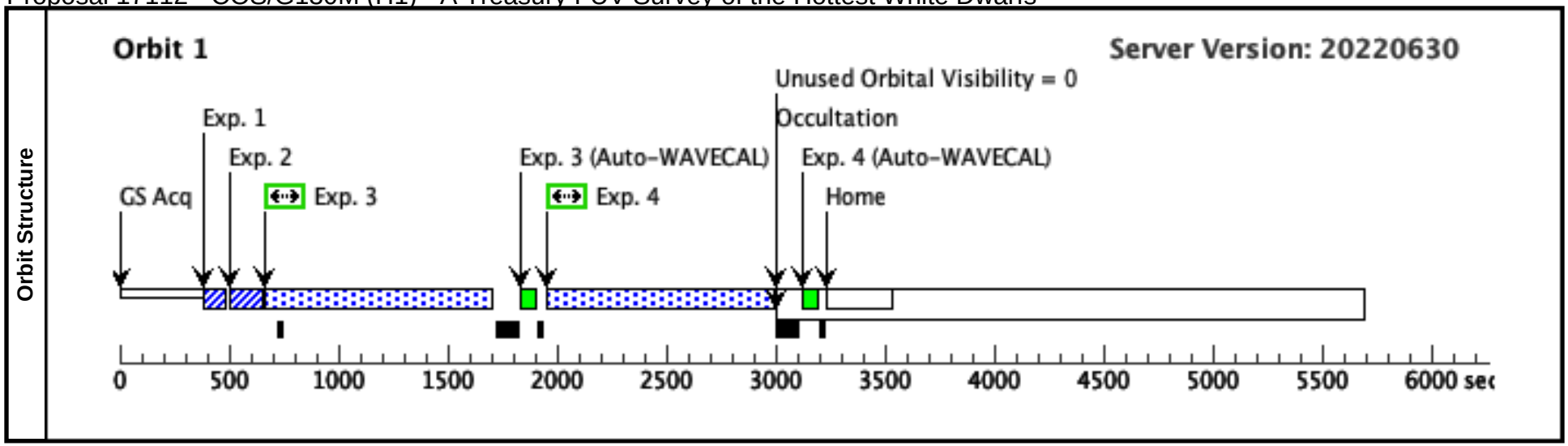
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(72)	TIC232524621 Alt Name1: GAIAEDR3-1716738118005409152 Alt Name2: WDJ125627.43+775301.37	RA: 12 56 27.3133 (194.1138054d) Dec: +77 53 1.43 (77.88373d) Equinox: J2000	Proper Motion RA: -23.10450742 mas/yr Proper Motion Dec: 3.343136592 mas/yr Parallax: 0.003548395" Epoch of Position: 2016.0	V=15.488 FUV/mag=12.95	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(72) TIC232524621	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(72) TIC232524621	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(72) TIC232524621	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			983 Secs (983 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(72) TIC232524621	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			984 Secs (984 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Unused Orbital Visibility = 0
Occultation
Exp. 1
Exp. 2
Exp. 3
Exp. 3 (Auto-WAVECAL)
Exp. 4
Exp. 4 (Auto-WAVECAL)
GS Acq
Home
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500
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5500
6000 sec

Visit

Proposal 17112, COS/G130M (H2), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (H2)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (H2)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (H2)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

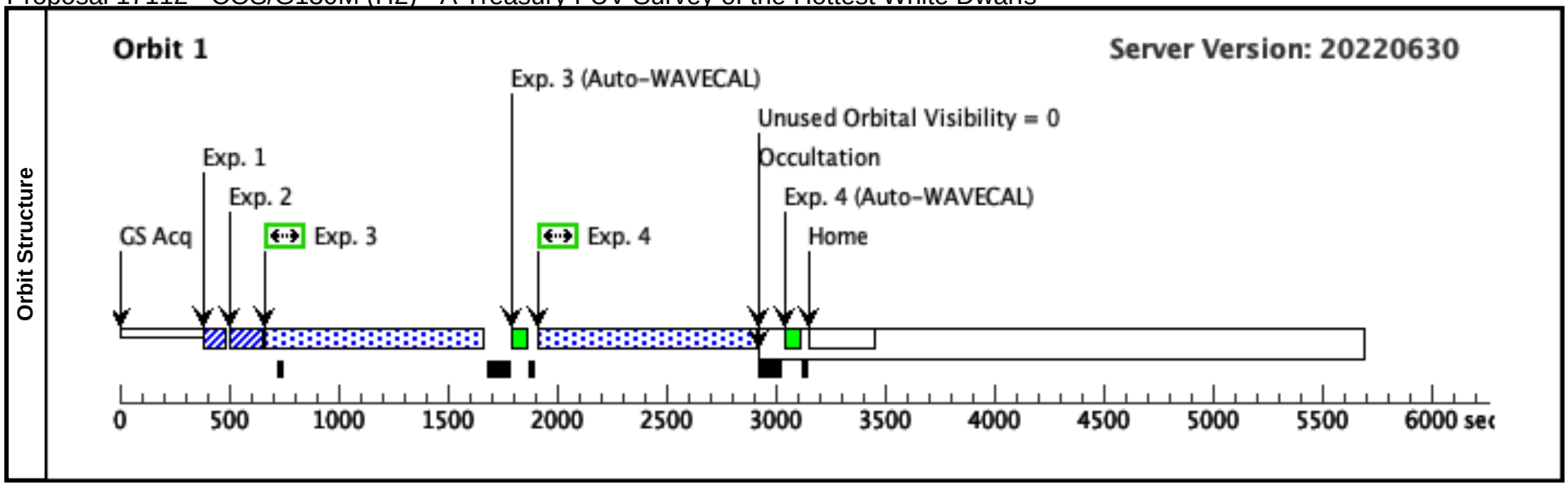
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(85)	TIC116263538 Alt Name1: GAIAEDR3-4610856402545446400 Alt Name2: WDJ175145.75+382015.60	RA: 17 51 45.7556 (267.9406483d) Dec: +38 20 16.07 (38.33780d) Equinox: J2000	Proper Motion RA: 3.36270184 mas/yr Proper Motion Dec: 29.37013498 mas/yr Parallax: 0.00213709" Epoch of Position: 2016.0	V=15.525 FUV/mag=12.92	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(85) TIC116263538	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(85) TIC116263538	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(85) TIC116263538	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(85) TIC116263538	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Unused Orbital Visibility = 0
Occultation
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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6000 sec

Visit

Proposal 17112, COS/G130M (H3), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (H3)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (H3)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

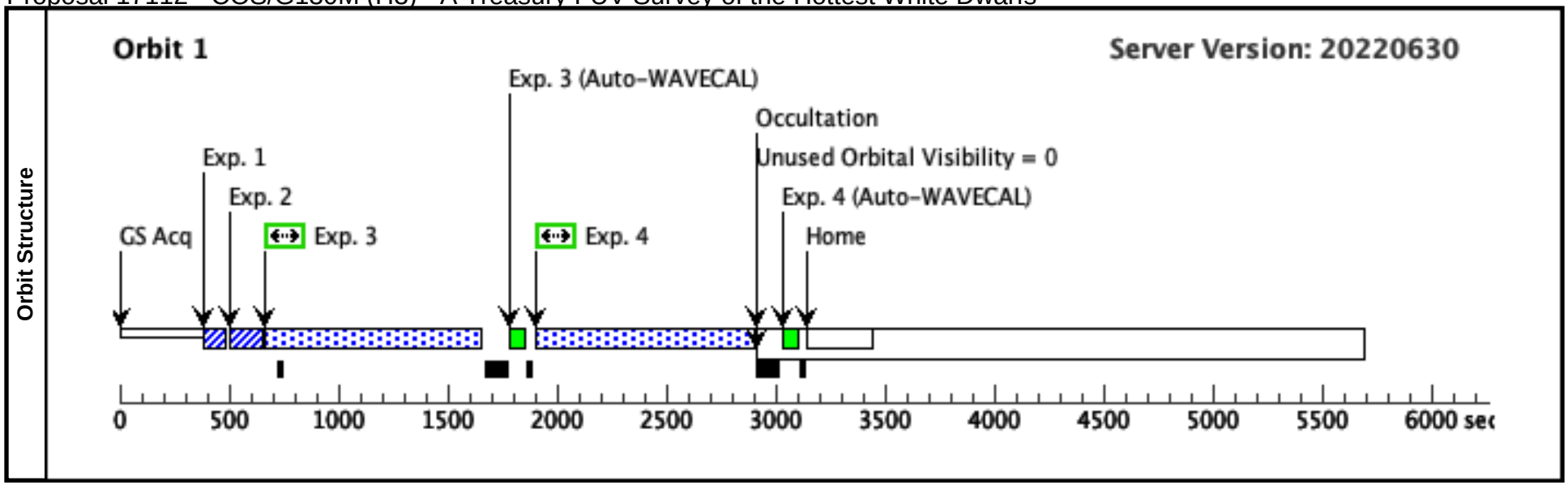
(COS/G130M (H3)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(89)	TIC131606143 Alt Name1: GAIAEDR3-4269678120544342144 Alt Name2: WDJ182440.85-031959.52 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 18 24 40.8682 (276.1702842d) Dec: -03 19 59.83 (-3.33329d) Equinox: J2000	Proper Motion RA: 13.36015019 mas/yr Proper Motion Dec: -19.81691575 mas/yr Parallax: 0.005121803" Epoch of Position: 2016.0	V=14.889 G/mag=14.815	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(89) TIC131606143	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(89) TIC131606143	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(89) TIC131606143	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			937 Secs (937 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(89) TIC131606143	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			940 Secs (940 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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Visit

Proposal 17112, COS/G130M (H4), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (H4)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (H4)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

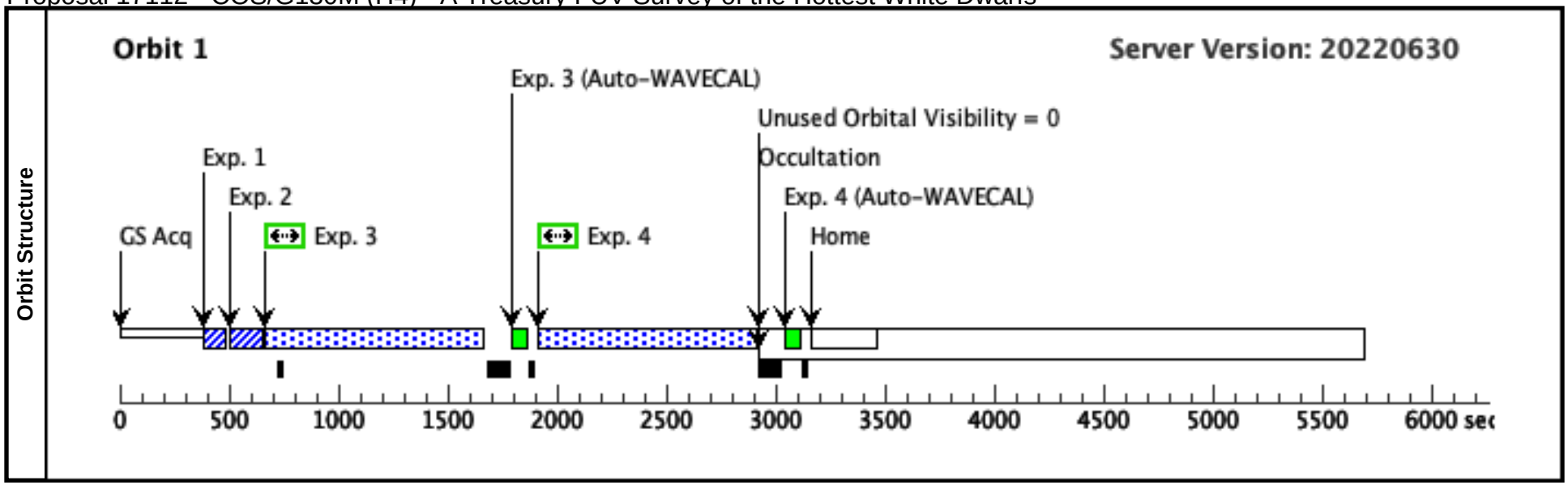
(COS/G130M (H4)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(90)	TIC7988895 Alt Name1: GAIAEDR3-4524096624361903744 Alt Name2: WDJ183429.29+181101.71 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 18 34 29.2982 (278.6220758d) Dec: +18 11 1.53 (18.18376d) Equinox: J2000	Proper Motion RA: 3.66742086 mas/yr Proper Motion Dec: -11.17313573 mas/yr Parallax: 0.003988809" Epoch of Position: 2016.0	V=15.074 G/mag=14.998	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(90) TIC7988895	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	***[1]***
2	Target acquisition 2 (COS.sa.1813321)	(90) TIC7988895	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	***[1]***
3	G130M FP3 (COS.sp.1813318)	(90) TIC7988895	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			944 Secs (944 Secs) *[==>]*	***[1]***
4	G130M FP4 (COS.sp.1813318)	(90) TIC7988895	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			944 Secs (944 Secs) *[==>]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Unused Orbital Visibility = 0
Occultation
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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3000
3500
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6000 sec

Visit

Proposal 17112, COS/G130M (H5), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (H5)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (H5)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (H5)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

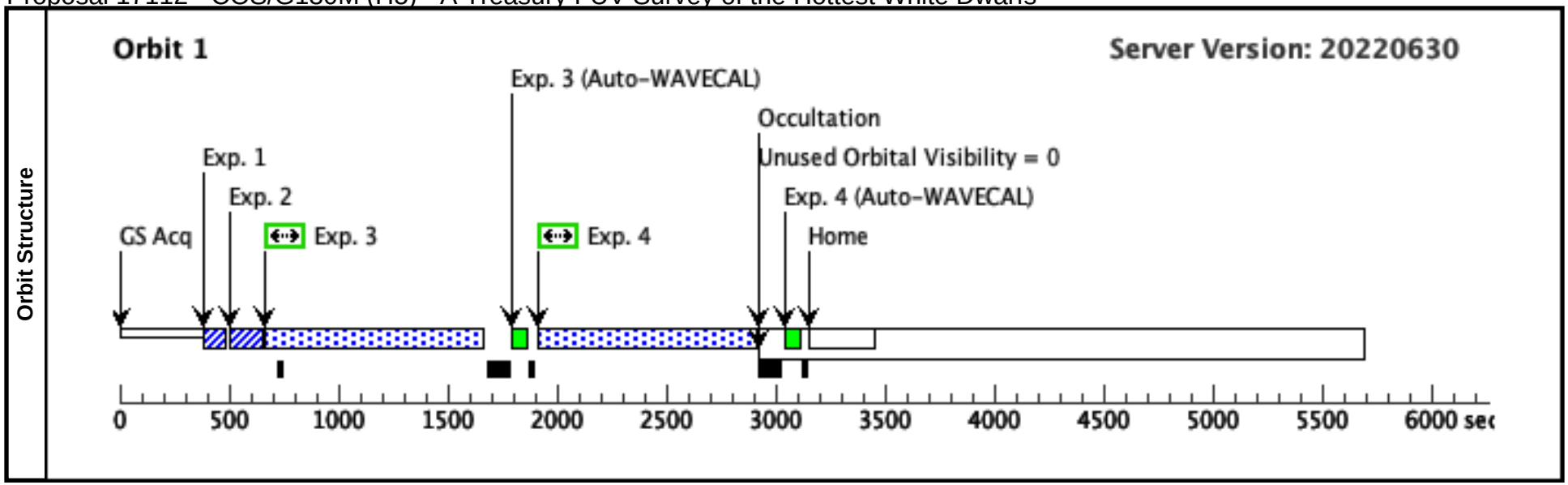
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(93)	TIC120968638 Alt Name1: GAIAEDR3-2098790680355110016 Alt Name2: WDJ190717.50+364000.37	RA: 19 07 17.4776 (286.8228233d) Dec: +36 40 0.71 (36.66686d) Equinox: J2000	Proper Motion RA: -16.09424531 mas/yr Proper Motion Dec: 21.13210206 mas/yr Parallax: 0.002748707" Epoch of Position: 2016.0	V=15.142 G/mag=14.852	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(93) TIC120968638	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(93) TIC120968638	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(93) TIC120968638	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(93) TIC120968638	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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Visit

Proposal 17112, COS/G130M (H6), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (H6)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (H6)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

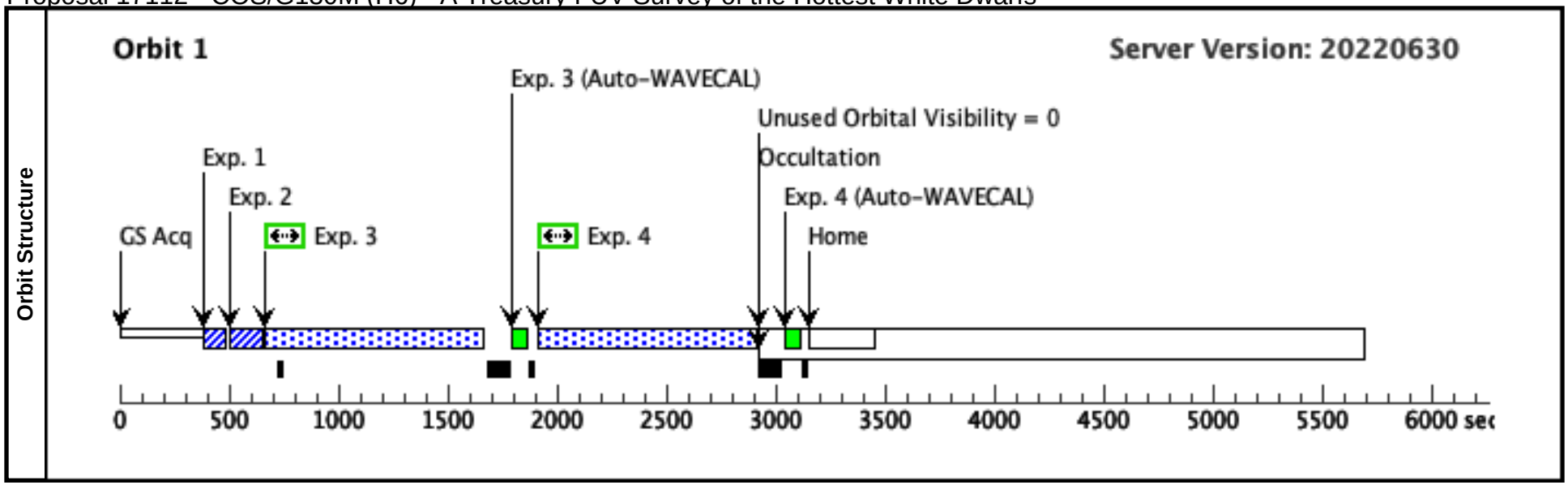
(COS/G130M (H6)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(95)	TIC1914435765 Alt Name1: GAIAEDR3-4315621282654681088 Alt Name2: WDJ192705.33+112452.84 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 19 27 5.3385 (291.7722437d) Dec: +11 24 52.68 (11.41463d) Equinox: J2000	Proper Motion RA: 7.681164262 mas/yr Proper Motion Dec: -9.693617202 mas/yr Parallax: 0.004968127" Epoch of Position: 2016.0	V=14.895 G/mag=14.835	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(95) TIC1914435765	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(95) TIC1914435765	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(95) TIC1914435765	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(95) TIC1914435765	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Unused Orbital Visibility = 0
Occultation
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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6000 sec

Visit

Proposal 17112, COS/G130M (H7), failed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (H7)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (H7)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (H7)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

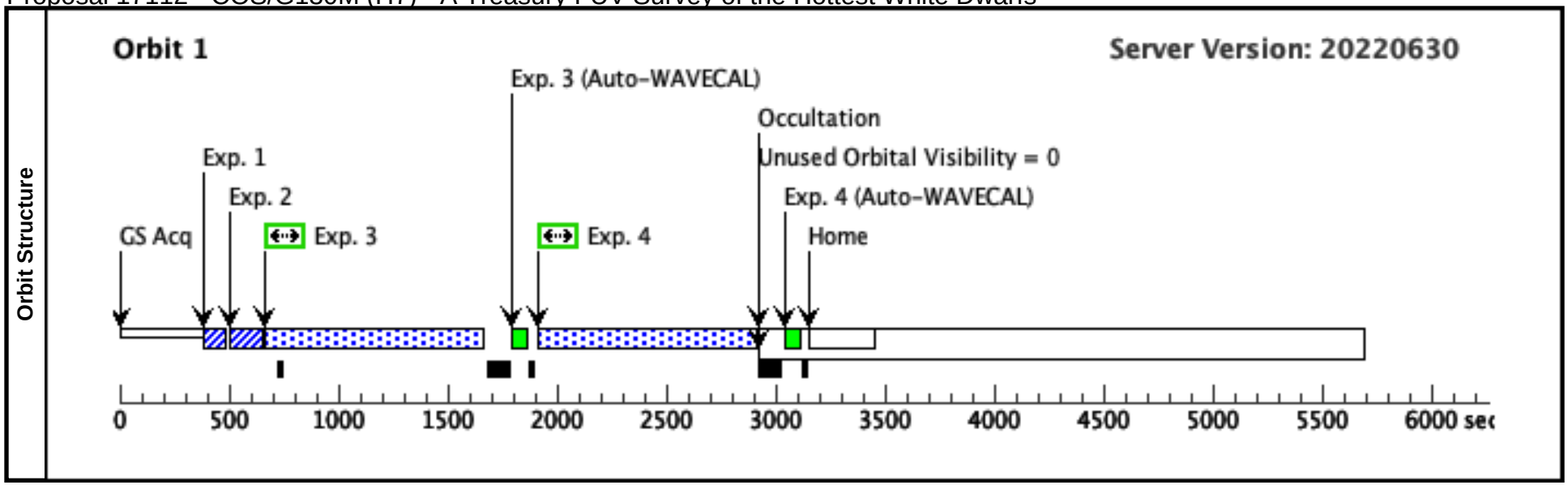
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	TIC620091620 Alt Name1: GAIAEDR3-77194757176624512 Alt Name2: PG0205+134	RA: 02 08 3.5409 (32.0147537d) Dec: +13 36 24.31 (13.60675d) Equinox: J2000	Proper Motion RA: 43.94514221 mas/yr Proper Motion Dec: -6.667509489 mas/yr Parallax: 0.005294408" Epoch of Position: 2016.0	V=15.137 FUV/mag=12.75	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(19) TIC620091620	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(19) TIC620091620	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(19) TIC620091620	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(19) TIC620091620	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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6000 sec

Visit

Proposal 17112, COS/G130M (HF), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR repeat of visit H7

Diagnostics

(COS/G130M (HF)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (HF)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

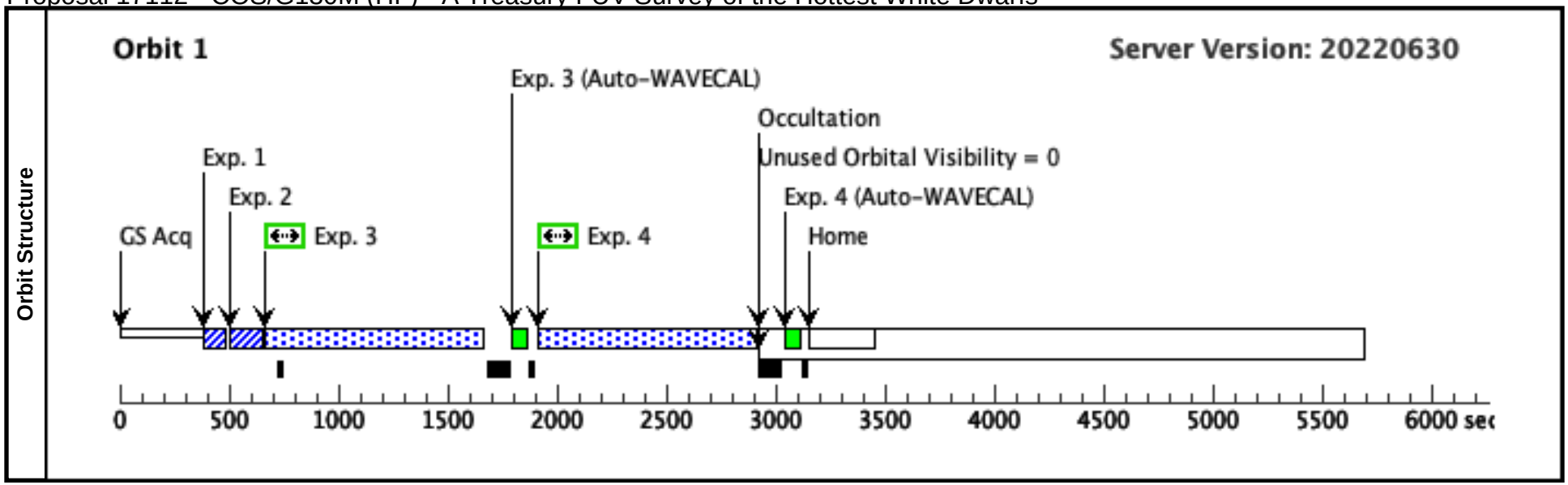
(COS/G130M (HF)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	TIC620091620 Alt Name1: GAIAEDR3-77194757176624512 Alt Name2: PG0205+134 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 02 08 3.5409 (32.0147537d) Dec: +13 36 24.31 (13.60675d) Equinox: J2000	Proper Motion RA: 43.94514221 mas/yr Proper Motion Dec: -6.667509489 mas/yr Parallax: 0.005294408" Epoch of Position: 2016.0	V=15.137 FUV/mag=12.75	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(19) TIC620091620	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(19) TIC620091620	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(19) TIC620091620	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(19) TIC620091620	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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6000 sec

Visit

Proposal 17112, COS/G130M (H8), failed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (H8)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (H8)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (H8)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

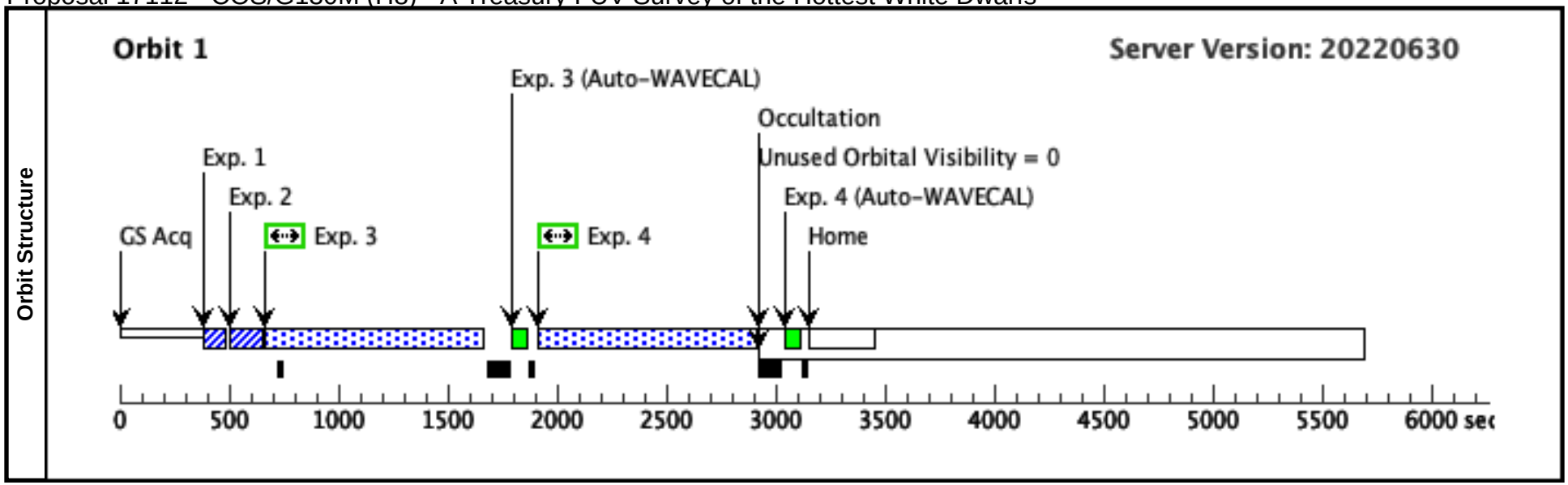
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(31)	TIC26823859 Alt Name1: GAIAEDR3-301915932958939776 Alt Name2: WDJ014410.58+283409.20	RA: 01 44 10.6134 (26.0442225d) Dec: +28 34 8.80 (28.56911d) Equinox: J2000	Proper Motion RA: 25.90476033 mas/yr Proper Motion Dec: -23.99222831 mas/yr Parallax: 0.005251265" Epoch of Position: 2016.0	V=15.248 FUV/mag=12.62	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(31) TIC26823859	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(31) TIC26823859	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(31) TIC26823859	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(31) TIC26823859	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			944 Secs (944 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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Visit

Proposal 17112, COS/G130M (HG), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR repeat of visit H8.

Diagnostics

(COS/G130M (HG)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (HG)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (HG)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

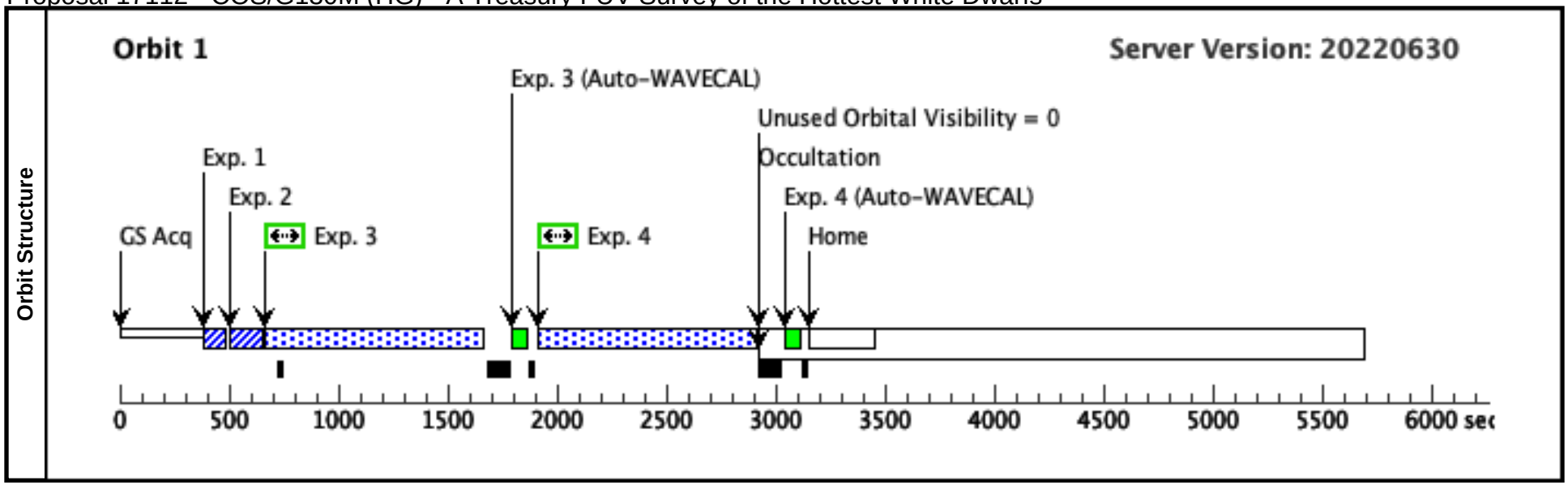
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(31)	TIC26823859 Alt Name1: GAIAEDR3-301915932958939776 Alt Name2: WDJ014410.58+283409.20	RA: 01 44 10.6134 (26.0442225d) Dec: +28 34 8.80 (28.56911d) Equinox: J2000	Proper Motion RA: 25.90476033 mas/yr Proper Motion Dec: -23.99222831 mas/yr Parallax: 0.005251265" Epoch of Position: 2016.0	V=15.248 FUV/mag=12.62	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(31) TIC26823859	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(31) TIC26823859	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(31) TIC26823859	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(31) TIC26823859	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			944 Secs (944 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Unused Orbital Visibility = 0
Occultation
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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Visit

Proposal 17112, COS/G130M (H9), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (H9)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (H9)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (H9)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

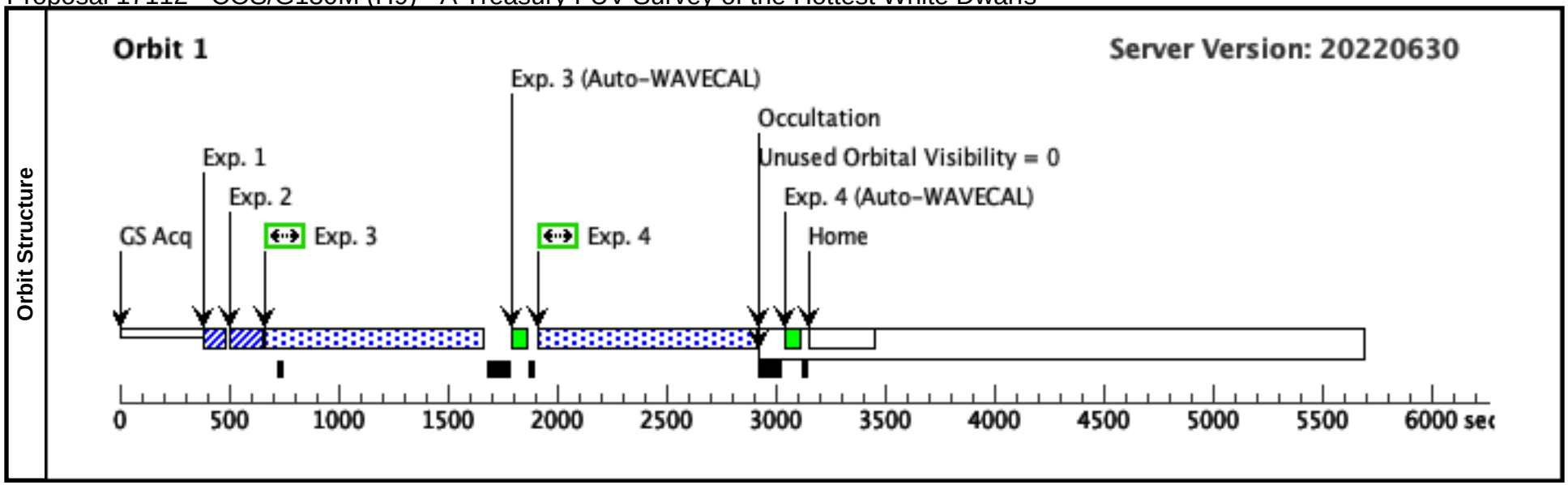
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(34)	TIC63505607 Alt Name1: GAIAEDR3-300394067131824768 Alt Name2: WDJ020717.41+300511.64	RA: 02 07 17.4298 (31.8226242d) Dec: +30 05 11.54 (30.08654d) Equinox: J2000	Proper Motion RA: 16.127416 mas/yr Proper Motion Dec: -3.95710565 mas/yr Parallax: 0.002377006" Epoch of Position: 2016.0	V=15.16 FUV/mag=12.82	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(34) TIC63505607	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(34) TIC63505607	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(34) TIC63505607	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(34) TIC63505607	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
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Visit

Proposal 17112, COS/G130M (HA), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (HA)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (HA)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

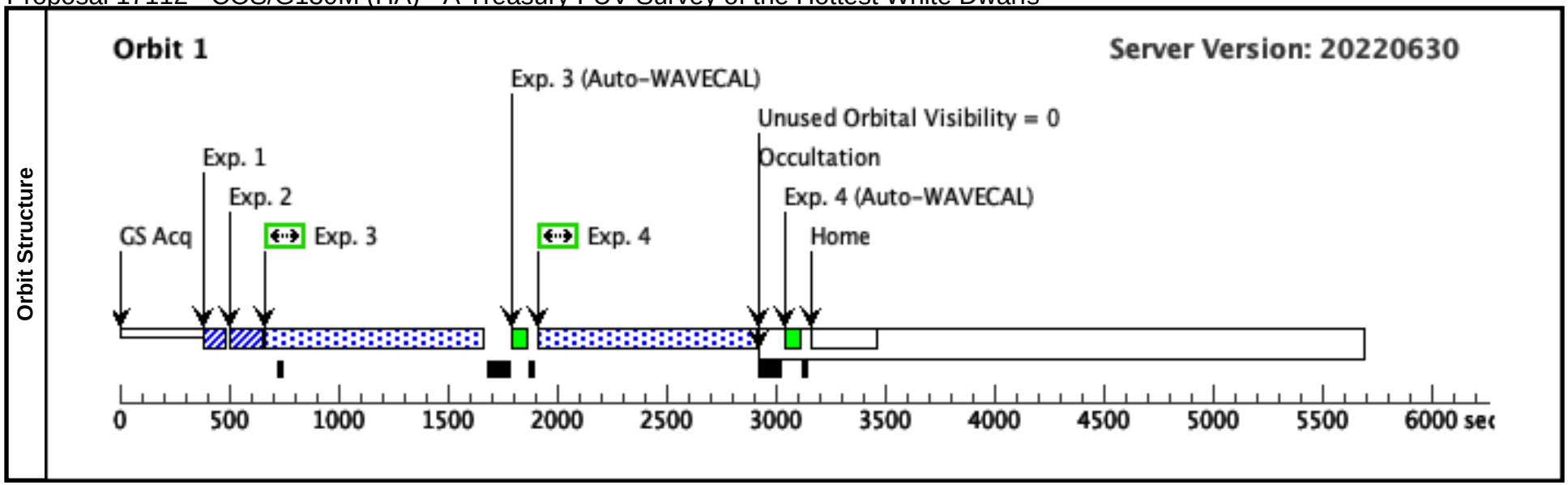
(COS/G130M (HA)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(41)	TIC671145409 Alt Name1: GAIAEDR3-2961562302022195968 Alt Name2: WDJ051351.78-225919.24 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 05 13 51.7799 (78.4657496d) Dec: -22 59 19.02 (-22.98862d) Equinox: J2000	Proper Motion RA: -3.158358638 mas/yr Proper Motion Dec: 13.83295716 mas/yr Parallax: 0.005597315" Epoch of Position: 2016.0	V=14.95 FUV/mag=12.62	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(41) TIC671145409	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(41) TIC671145409	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(41) TIC671145409	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			944 Secs (944 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(41) TIC671145409	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			944 Secs (944 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Unused Orbital Visibility = 0
Occultation
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (HB), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (HB)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (HB)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

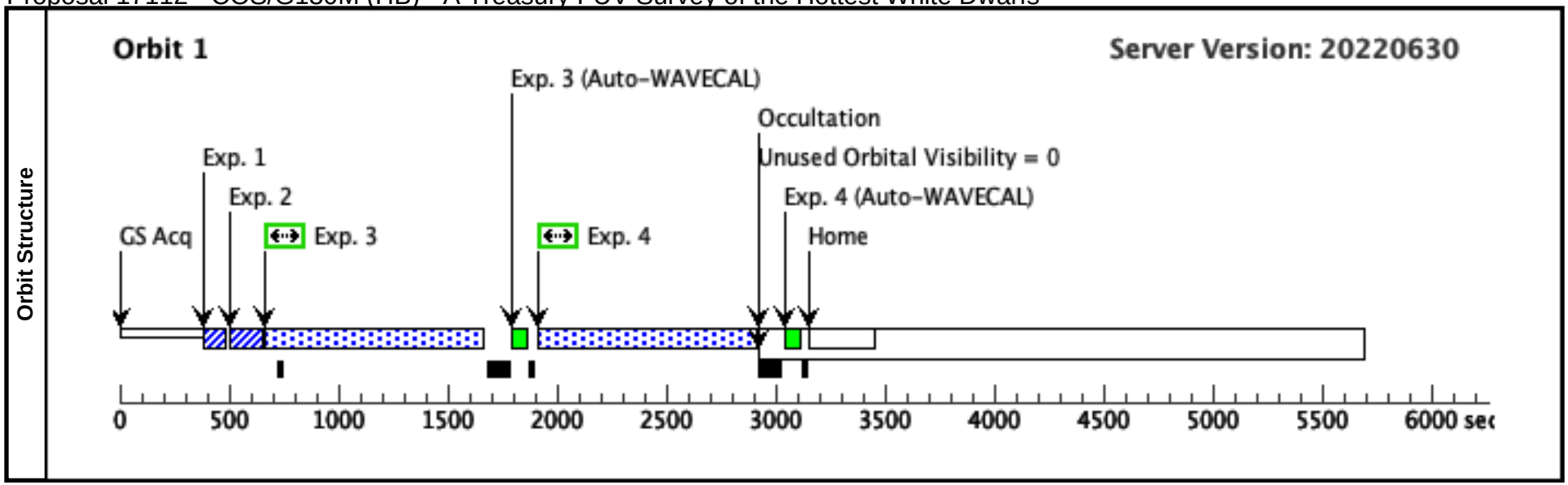
(COS/G130M (HB)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(45)	TIC71513592 Alt Name1: GAIAEDR3-2999314205559574272 Alt Name2: WDJ060020.89-101404.50 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 06 00 20.9754 (90.0873975d) Dec: -10 14 4.92 (-10.23470d) Equinox: J2000	Proper Motion RA: 76.418706 mas/yr Proper Motion Dec: -26.61361099 mas/yr Parallax: 0.005832646" Epoch of Position: 2016.0	V=14.781 G/mag=14.686	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(45) TIC71513592	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(45) TIC71513592	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(45) TIC71513592	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(45) TIC71513592	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (HC), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (HC)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (HC)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (HC)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

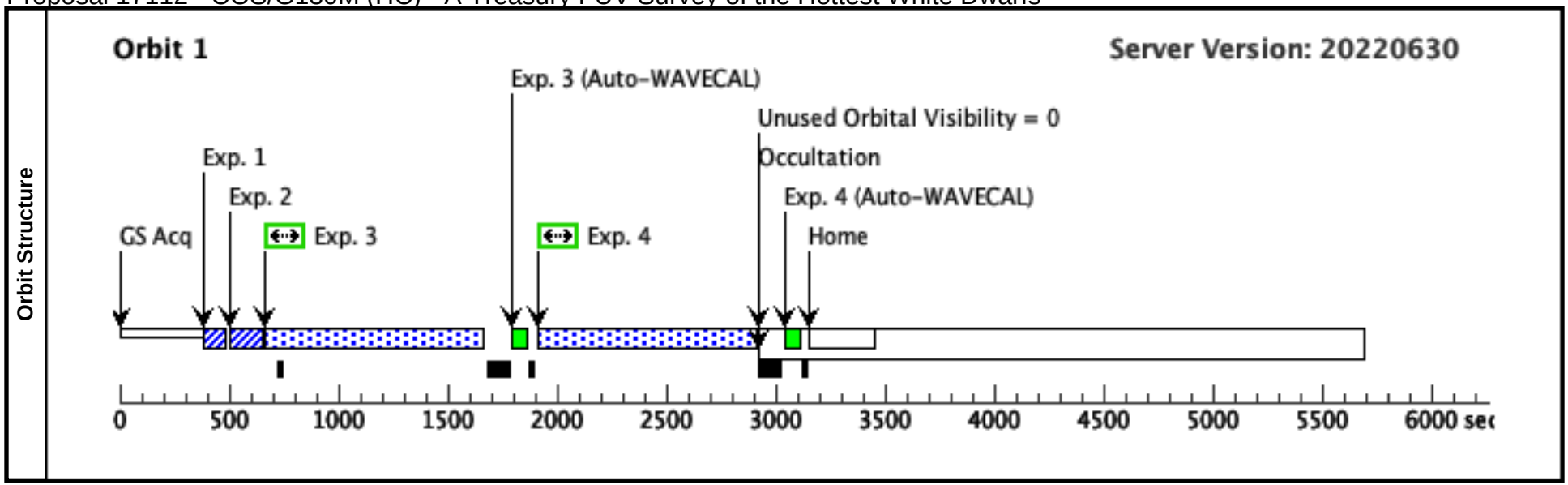
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(63)	TIC155231107 Alt Name1: GAIAEDR3-683169012910602496 Alt Name2: WDJ081820.42+270532.66	RA: 08 18 20.4337 (124.5851404d) Dec: +27 05 32.65 (27.09240d) Equinox: J2000	Proper Motion RA: 10.45669055 mas/yr Proper Motion Dec: -0.971002115 mas/yr Parallax: 0.003033919" Epoch of Position: 2016.0	V=15.235 FUV/mag=12.77	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(63) TIC155231107	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(63) TIC155231107	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(63) TIC155231107	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(63) TIC155231107	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			944 Secs (944 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Unused Orbital Visibility = 0
Occultation
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (HD), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (HD)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (HD)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

(COS/G130M (HD)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

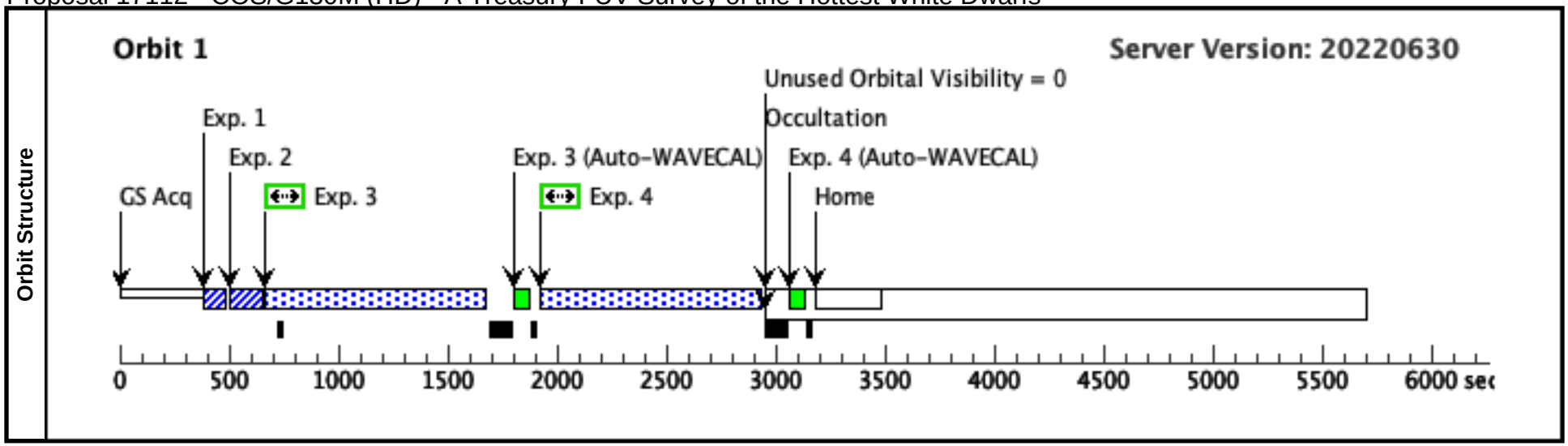
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(65)	TIC287096373 Alt Name1: GAIAEDR3-1039246845702047360 Alt Name2: WDJ091021.45+593033.89	RA: 09 10 21.4803 (137.5895013d) Dec: +59 30 33.83 (59.50940d) Equinox: J2000	Proper Motion RA: 15.09582383 mas/yr Proper Motion Dec: -3.711759517 mas/yr Parallax: 0.001321033" Epoch of Position: 2016.0	V=15.53 FUV/mag=12.79	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(65) TIC287096373	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(65) TIC287096373	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(65) TIC287096373	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			954 Secs (954 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(65) TIC287096373	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			955 Secs (955 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Unused Orbital Visibility = 0
Occultation
Exp. 1
Exp. 2
Exp. 3 (Auto-WAVECAL)
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M (HE), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M (HE)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

(COS/G130M (HE)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

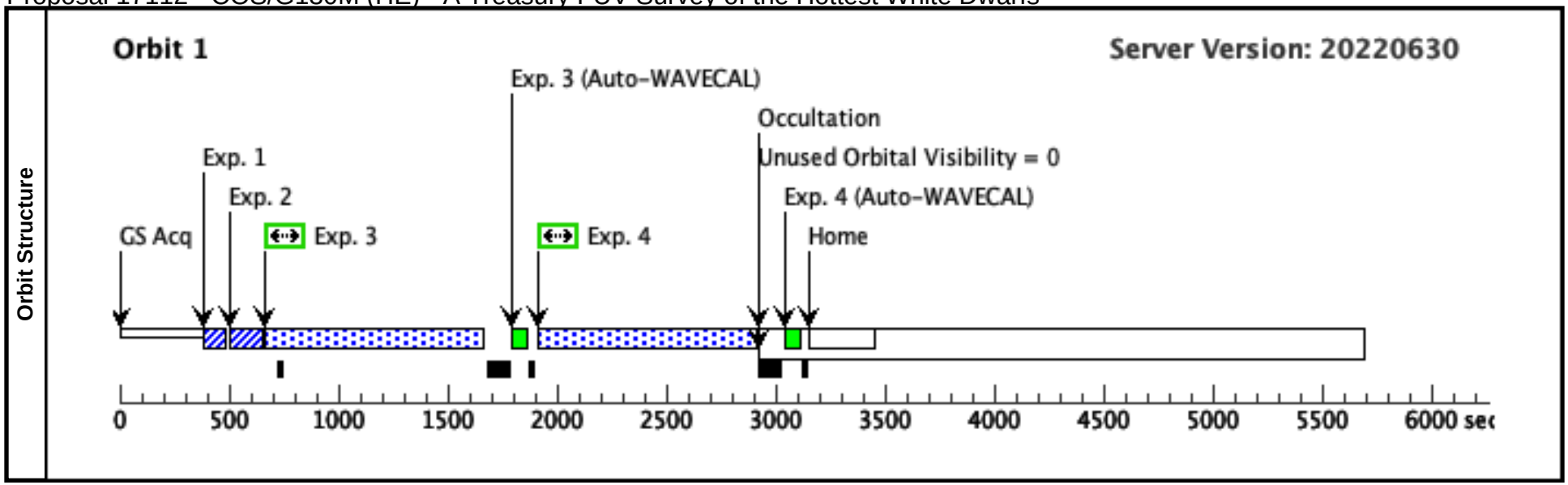
(COS/G130M (HE)) Warning (Orbit Planner): COS ACCUM EXCEEDS 900s

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(75)	TIC1054995773 Alt Name1: GAIAEDR3-6162393443937250816 Alt Name2: WDJ132259.60-383813.13 *Comments:* *Category=STAR* *Description=[DA]* *Extended=NO*	RA: 13 22 59.6000 (200.7483333d) Dec: -38 38 12.98 (-38.63694d) Equinox: J2000	Proper Motion RA: -0.362425183 mas/yr Proper Motion Dec: 9.398380053 mas/yr Parallax: 0.001212461" Epoch of Position: 2016.0	V=14.46 FUV/mag=12.79	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813321)	(75) TIC1054995773	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				0.4 Secs (0.4 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813321)	(75) TIC1054995773	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			0.5 Secs (0.5 Secs) *[==>]*	*[1]*
3	G130M FP3 (COS.sp.1813318)	(75) TIC1054995773	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*
4	G130M FP4 (COS.sp.1813318)	(75) TIC1054995773	COS/FUV, ACCUM, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH			943 Secs (943 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
Exp. 3 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 4 (Auto-WAVECAL)
GS Acq
Exp. 3
Exp. 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M+G140L 14.5 (I1), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M+G140L 14.5 (I1)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

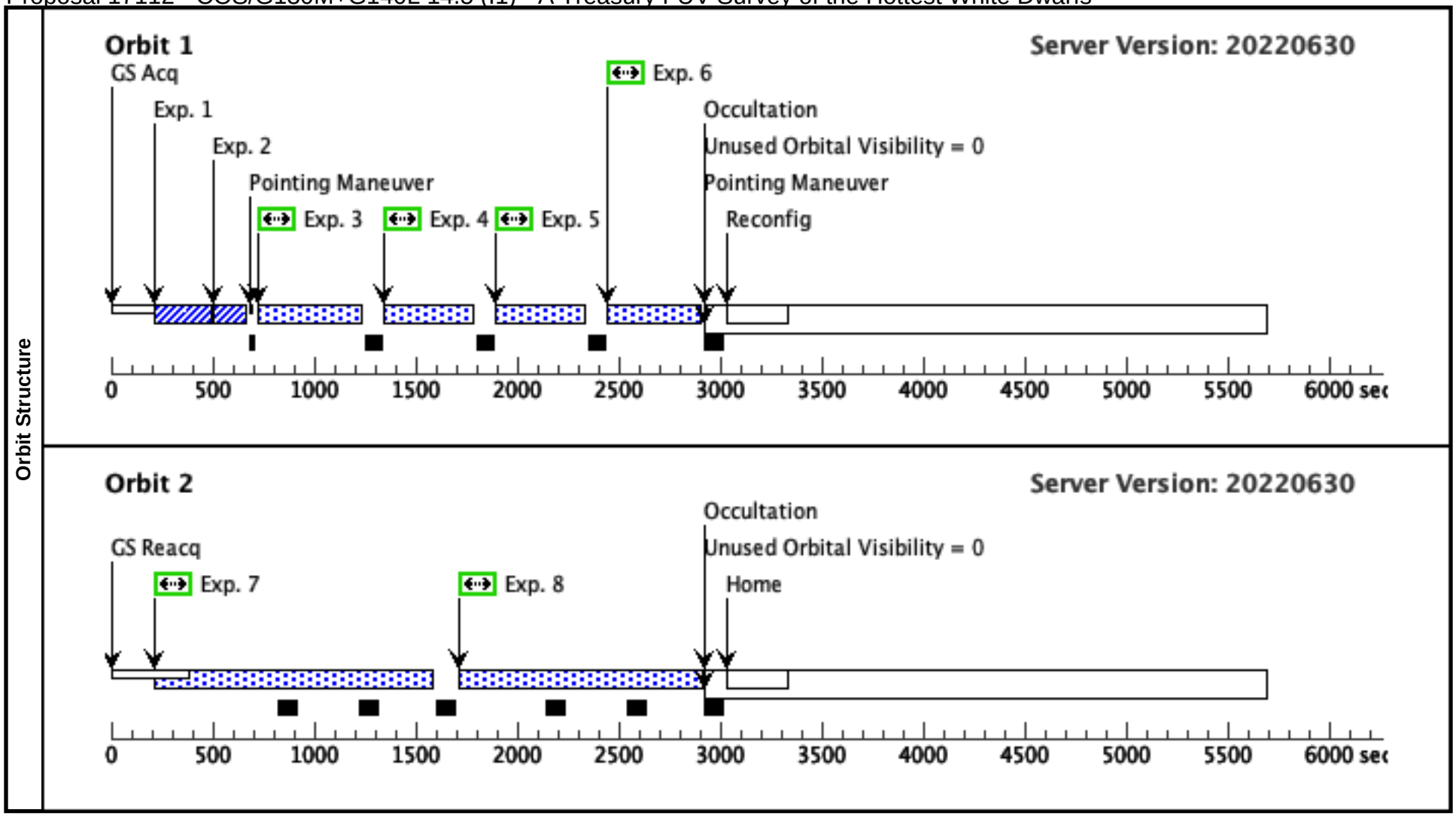
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	TIC422859817 Alt Name1: GAIAEDR3-4183333506776770688 Alt Name2: PA161	RA: 19 43 28.5838 (295.8690992d) Dec: -13 44 59.41 (-13.74984d) Equinox: J2000	Proper Motion RA: 12.90508482 mas/yr Proper Motion Dec: -5.18267009 mas/yr Parallax: 9.74724E-4" Epoch of Position: 2016.0	V=13.628 FUV/mag=14.71	Reference Frame: ICRS

Comments:
Category=STAR
Description=[PLANETARY NEBULA CENTRAL STAR]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813282)	(18) TIC422859817	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813282)	(18) TIC422859817	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G140L FP1 (COS.sp.1813850)	(18) TIC422859817	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=1; SEGMENT=A			390 Secs (390 Secs) *[==>]*	*[1]*
4	G140L FP2 (COS.sp.1813850)	(18) TIC422859817	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=2; SEGMENT=A			390 Secs (390 Secs) *[==>]*	*[1]*
5	G140L FP3 (COS.sp.1813850)	(18) TIC422859817	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=3; SEGMENT=A			390 Secs (390 Secs) *[==>]*	*[1]*
6	G140L FP4 (COS.sp.1813850)	(18) TIC422859817	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=4; SEGMENT=A			411 Secs (411 Secs) *[==>]*	*[1]*
7	COS/G130M FP3 (COS.sp.1813284)	(18) TIC422859817	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=399			1148 Secs (1148 Secs) *[==>]*	*[2]*
8	COS/G130M FP3 (COS.sp.1813284)	(18) TIC422859817	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=399			1149 Secs (1149 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20220630
GS Acq
Exp. 1
Exp. 2
Pointing Maneuver
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Occultation
Unused Orbital Visibility = 0
Pointing Maneuver
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
GS Reacq
Exp. 7
Exp. 8
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M+G140L 14.5 (I2), failed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M+G140L 14.5 (I2)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

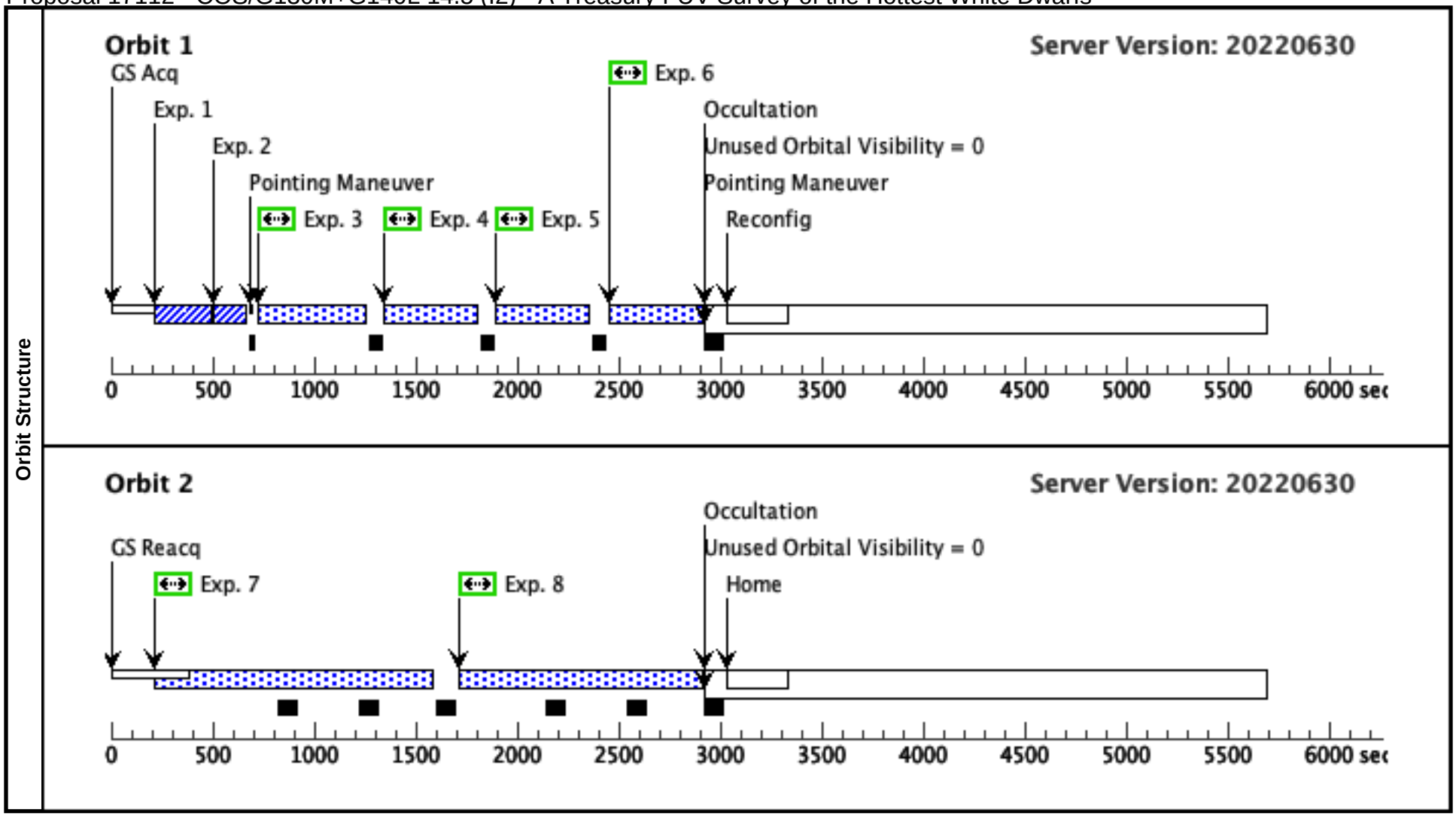
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(22)	TIC123551940 Alt Name1: GAIAEDR3-2917223705359238016 Alt Name2: PN-LOTR1	RA: 05 55 6.6081 (88.7775338d) Dec: -22 54 2.37 (-22.90066d) Equinox: J2000	Proper Motion RA: -0.78527439 mas/yr Proper Motion Dec: 3.013425827 mas/yr Parallax: 5.49996E-4" Epoch of Position: 2016.0	V=13.04 FUV/mag=15.23	Reference Frame: ICRS

Comments:
Category=STAR
Description=[PLANETARY NEBULA CENTRAL STAR]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813331)	(22) TIC123551940	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813331)	(22) TIC123551940	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G140L FP1 (COS.sp.1813850)	(22) TIC123551940	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=778; FP-POS=1; SEGMENT=A			410 Secs (410 Secs) *[==>]*	*[1]*
4	G140L FP2 (COS.sp.1813850)	(22) TIC123551940	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=778; FP-POS=2; SEGMENT=A			410 Secs (410 Secs) *[==>]*	*[1]*
5	G140L FP3 (COS.sp.1813850)	(22) TIC123551940	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=778; FP-POS=3; SEGMENT=A			410 Secs (410 Secs) *[==>]*	*[1]*
6	G140L FP4 (COS.sp.1813850)	(22) TIC123551940	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=4; SEGMENT=A			410 Secs (410 Secs) *[==>]*	*[1]*
7	COS/G130M FP3 (COS.sp.1813284)	(22) TIC123551940	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=399			1149 Secs (1149 Secs) *[==>]*	*[2]*
8	COS/G130M FP3 (COS.sp.1813284)	(22) TIC123551940	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=399			1150 Secs (1150 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20220630
GS Acq
Exp. 1
Exp. 2
Pointing Maneuver
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Occultation
Unused Orbital Visibility = 0
Pointing Maneuver
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
GS Reacq
Exp. 7
Exp. 8
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M+G140L 14.5 (I5) Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR repeat of the first orbit of visit I2

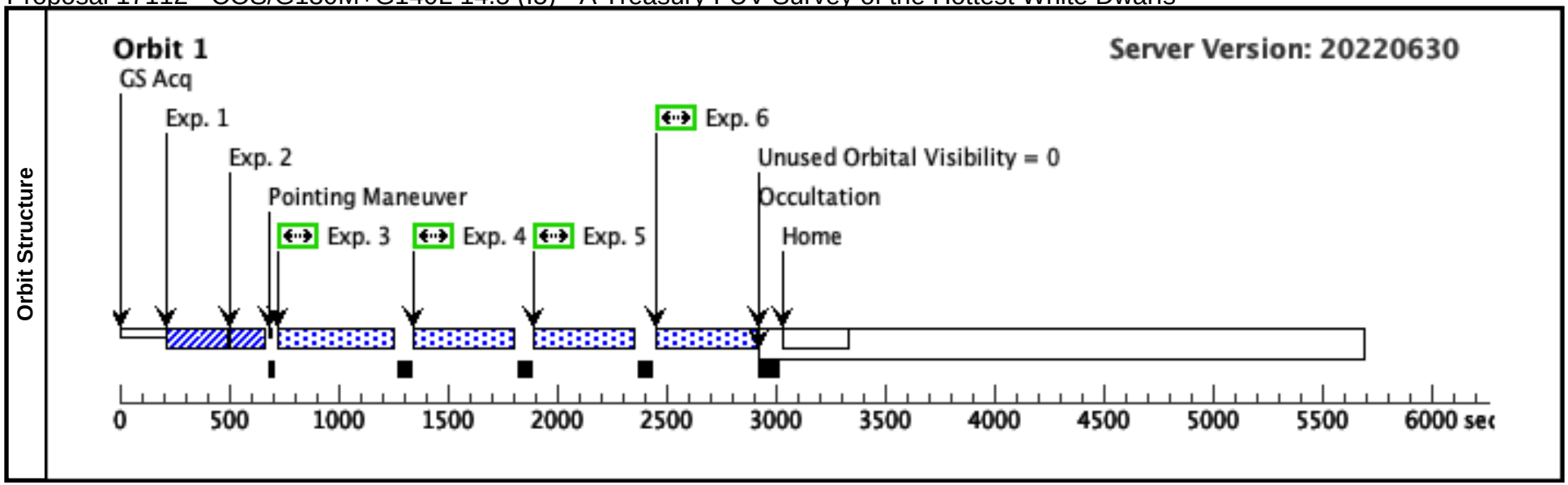
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(22)	TIC123551940 Alt Name1: GAIAEDR3-2917223705359238016 Alt Name2: PN-LOTR1	RA: 05 55 6.6081 (88.7775338d) Dec: -22 54 2.37 (-22.90066d) Equinox: J2000	Proper Motion RA: -0.78527439 mas/yr Proper Motion Dec: 3.013425827 mas/yr Parallax: 5.49996E-4" Epoch of Position: 2016.0	V=13.04 FUV/mag=15.23	Reference Frame: ICRS

Comments:
Category=STAR
Description=[PLANETARY NEBULA CENTRAL STAR]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813331)	(22) TIC123551940	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				3 Secs (3 Secs) *[==>]*	***[1]***
2	Target acquisition 2 (COS.sa.1813331)	(22) TIC123551940	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	***[1]***
3	G140L FP1 (COS.sp.1813850)	(22) TIC123551940	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=778; FP-POS=1; SEGMENT=A			410 Secs (410 Secs) *[==>]*	***[1]***
4	G140L FP2 (COS.sp.1813850)	(22) TIC123551940	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=778; FP-POS=2; SEGMENT=A			410 Secs (410 Secs) *[==>]*	***[1]***
5	G140L FP3 (COS.sp.1813850)	(22) TIC123551940	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=778; FP-POS=3; SEGMENT=A			410 Secs (410 Secs) *[==>]*	***[1]***
6	G140L FP4 (COS.sp.1813850)	(22) TIC123551940	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=4; SEGMENT=A			410 Secs (410 Secs) *[==>]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20220630
GS Acq
Exp. 1
Exp. 2
Pointing Maneuver
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Unused Orbital Visibility = 0
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M+G140L 14.5 (I3), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M+G140L 14.5 (I3)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

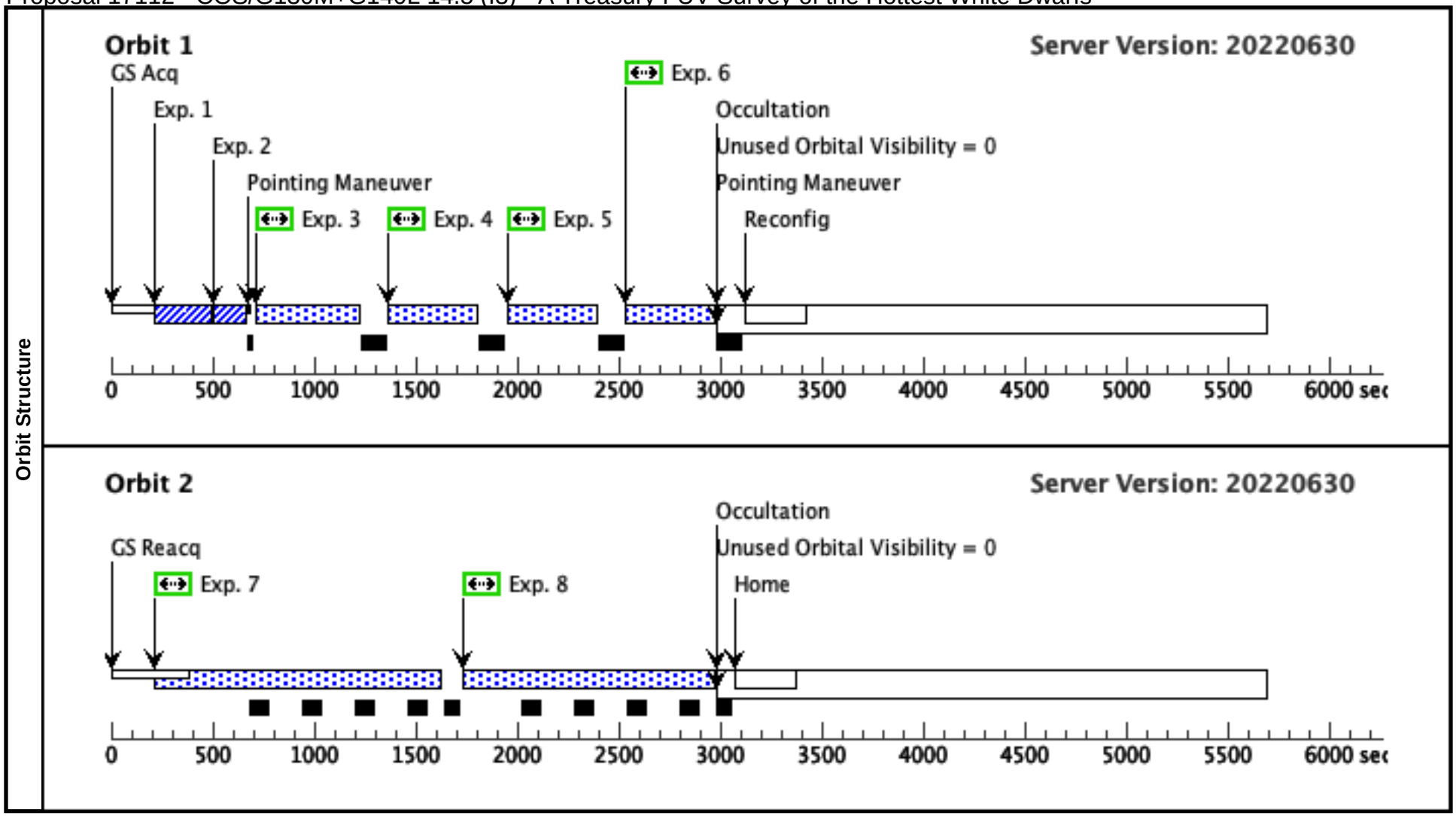
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(21)	TIC237292969 Alt Name1: GAIAEDR3-2288467186442571008 Alt Name2: PN-K1-6	RA: 20 04 14.2782 (301.0594925d) Dec: +74 25 35.93 (74.42665d) Equinox: J2000	Proper Motion RA: -0.19509481 mas/yr Proper Motion Dec: -28.18631109 mas/yr Parallax: 0.003863737" Epoch of Position: 2016.0	V=12.298 FUV/mag=13.78	Reference Frame: ICRS

Comments:
Category=STAR
Description=[PLANETARY NEBULA CENTRAL STAR]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(21) TIC237292969	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(21) TIC237292969	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G140L FP1 (COS.sp.1813852)	(21) TIC237292969	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=325; FP-POS=1; SEGMENT=A			383 Secs (383 Secs) *[==>]*	*[1]*
4	G140L FP2 (COS.sp.1813852)	(21) TIC237292969	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=325; FP-POS=2; SEGMENT=A			383 Secs (383 Secs) *[==>]*	*[1]*
5	G140L FP3 (COS.sp.1813852)	(21) TIC237292969	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=325; FP-POS=3; SEGMENT=A			383 Secs (383 Secs) *[==>]*	*[1]*
6	G140L FP4 (COS.sp.1813852)	(21) TIC237292969	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=325; FP-POS=4; SEGMENT=A			388 Secs (388 Secs) *[==>]*	*[1]*
7	COS/G130M FP3 (COS.sp.1813285)	(21) TIC237292969	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			1189 Secs (1189 Secs) *[==>]*	*[2]*
8	COS/G130M FP3 (COS.sp.1813285)	(21) TIC237292969	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			1189 Secs (1189 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20220630
GS Acq
Exp. 1
Exp. 2
Pointing Maneuver
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Occultation
Unused Orbital Visibility = 0
Pointing Maneuver
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
GS Reacq
Exp. 7
Exp. 8
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G130M+G140L 14.5 (I4), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(COS/G130M+G140L 14.5 (I4)) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.

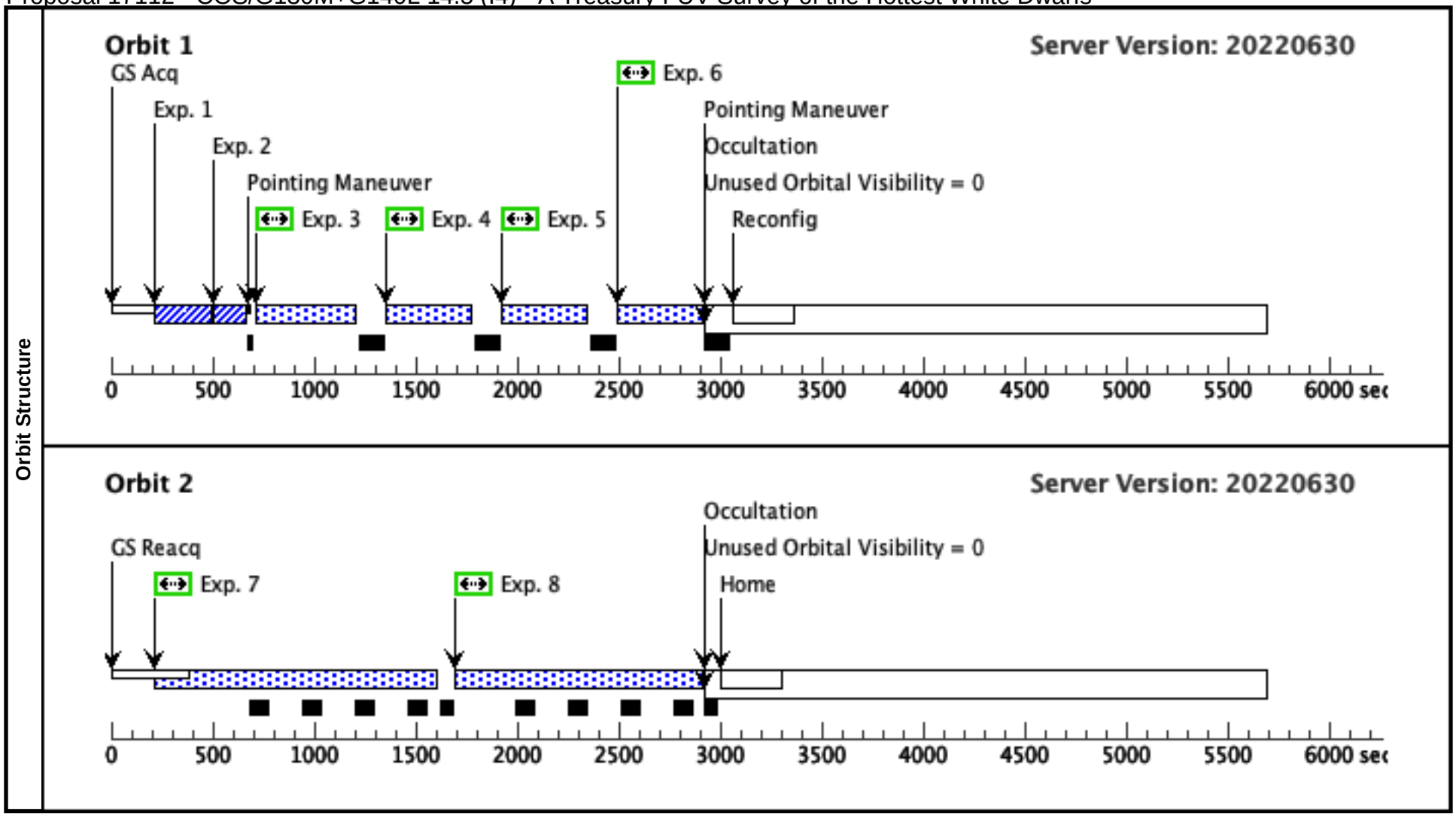
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	TIC69392806 Alt Name1: GAIAEDR3-6864617817991978624 Alt Name2: PN-A66-65	RA: 19 46 34.2096 (296.6425400d) Dec: -23 08 13.07 (-23.13696d) Equinox: J2000	Proper Motion RA: 0.321889816 mas/yr Proper Motion Dec: -6.70383877 mas/yr Parallax: 6.55122E-4" Epoch of Position: 2016.0	V=15.601 FUV/mag=14.09	Reference Frame: ICRS

Comments:
Category=STAR
Description=[PLANETARY NEBULA CENTRAL STAR]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813286)	(20) TIC69392806	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				2 Secs (2 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813286)	(20) TIC69392806	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			2 Secs (2 Secs) *[==>]*	*[1]*
3	G140L FP1 (COS.sp.1813852)	(20) TIC69392806	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=325; FP-POS=1; SEGMENT=A			370 Secs (370 Secs) *[==>]*	*[1]*
4	G140L FP2 (COS.sp.1813852)	(20) TIC69392806	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=325; FP-POS=2; SEGMENT=A			370 Secs (370 Secs) *[==>]*	*[1]*
5	G140L FP3 (COS.sp.1813852)	(20) TIC69392806	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=325; FP-POS=3; SEGMENT=A			370 Secs (370 Secs) *[==>]*	*[1]*
6	G140L FP4 (COS.sp.1813852)	(20) TIC69392806	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=325; FP-POS=4; SEGMENT=A			367 Secs (367 Secs) *[==>]*	*[1]*
7	COS/G130M FP3 (COS.sp.1813285)	(20) TIC69392806	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=3; BUFFER-TIME=259			1164 Secs (1164 Secs) *[==>]*	*[2]*
8	COS/G130M FP3 (COS.sp.1813285)	(20) TIC69392806	COS/FUV, TIME-TAG, PSA	G130M 1291 A	SEGMENT=BOTH; FP-POS=4; BUFFER-TIME=259			1164 Secs (1164 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20220630
GS Acq
Exp. 1
Exp. 2
Pointing Maneuver
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Pointing Maneuver
Occultation
Unused Orbital Visibility = 0
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec
Orbit 2
Server Version: 20220630
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 7
Exp. 8
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G140L (99), failed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

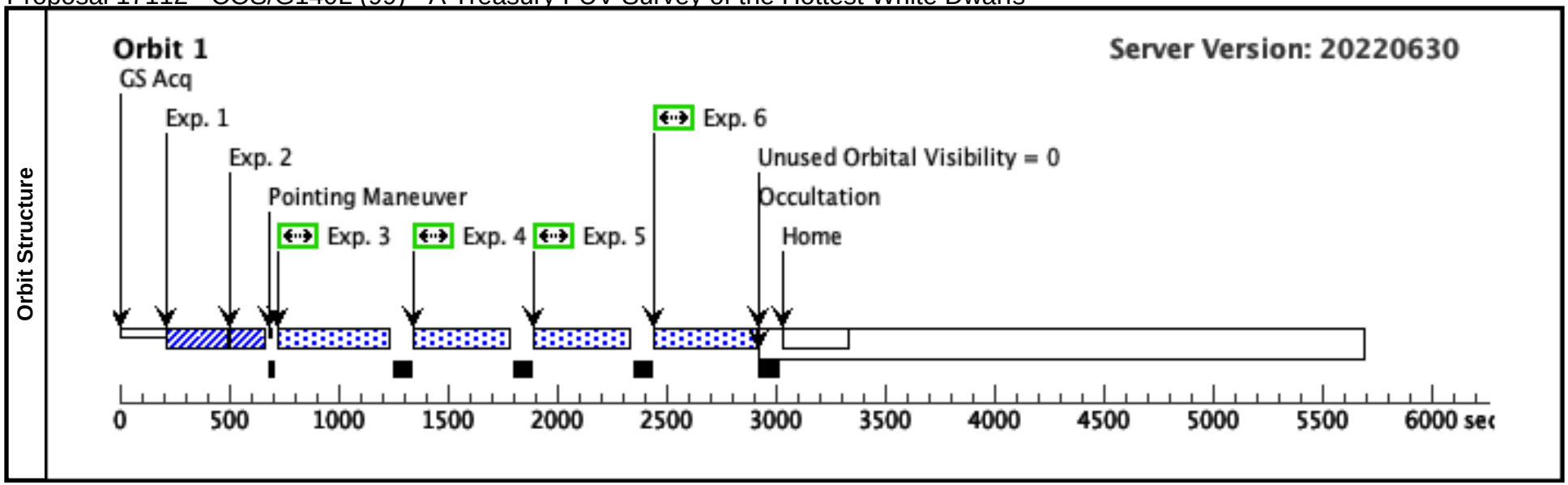
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(110)	UCAC2-46706450 Alt Name1: GAIAEDR3-1391041780057897856	RA: 15 28 45.9991 (232.1916629d) Dec: +43 05 29.85 (43.09163d) Equinox: J2000	Proper Motion RA: 2.999032701 mas/yr Proper Motion Dec: -7.557285441 mas/yr Parallax: 8.21186E-4" Epoch of Position: 2016.0	V=12.787 FUV/mag=14.376	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813281)	(110) UCAC2-46706450	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				3 Secs (3 Secs) *[==>]*	*[1]*
2	Target acquisition 2 (COS.sa.1813281)	(110) UCAC2-46706450	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	*[1]*
3	G140L FP1 (COS.sp.1813850)	(110) UCAC2-46706450	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=1; SEGMENT=A			390 Secs (390 Secs) *[==>]*	*[1]*
4	G140L FP2 (COS.sp.1813850)	(110) UCAC2-46706450	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=2; SEGMENT=A			390 Secs (390 Secs) *[==>]*	*[1]*
5	G140L FP3 (COS.sp.1813850)	(110) UCAC2-46706450	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=3; SEGMENT=A			390 Secs (390 Secs) *[==>]*	*[1]*
6	G140L FP4 (COS.sp.1813850)	(110) UCAC2-46706450	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=4; SEGMENT=A			413 Secs (413 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20220630
GS Acq
Exp. 1
Exp. 2
Pointing Maneuver
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Unused Orbital Visibility = 0
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17112, COS/G140L (98), completed Thu Apr 20 18:02:35 GMT 2023

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: HOPR repeat for visit 99

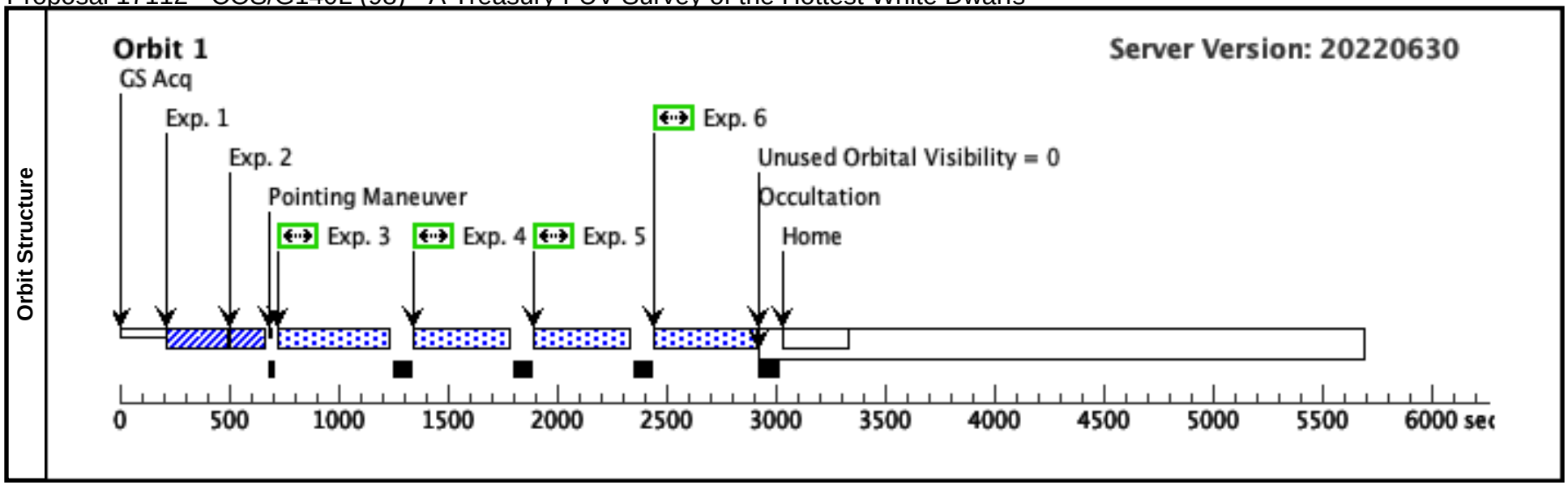
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(110)	UCAC2-46706450 Alt Name1: GAIAEDR3-1391041780057897856	RA: 15 28 45.9991 (232.1916629d) Dec: +43 05 29.85 (43.09163d) Equinox: J2000	Proper Motion RA: 2.999032701 mas/yr Proper Motion Dec: -7.557285441 mas/yr Parallax: 8.21186E-4" Epoch of Position: 2016.0	V=12.787 FUV/mag=14.376	Reference Frame: ICRS

Comments:
Category=STAR
Description=[DA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	Target acquisition (COS.sa.1813281)	(110) UCAC2-46706450	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				3 Secs (3 Secs) *[==>]*	***[1]***
2	Target acquisition 2 (COS.sa.1813281)	(110) UCAC2-46706450	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	CENTER=FLUX-WT-FLR; NUM-POS=5.0; STEP-SIZE=0.9			3 Secs (3 Secs) *[==>]*	***[1]***
3	G140L FP1 (COS.sp.1813850)	(110) UCAC2-46706450	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=1; SEGMENT=A			390 Secs (390 Secs) *[==>]*	***[1]***
4	G140L FP2 (COS.sp.1813850)	(110) UCAC2-46706450	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=2; SEGMENT=A			390 Secs (390 Secs) *[==>]*	***[1]***
5	G140L FP3 (COS.sp.1813850)	(110) UCAC2-46706450	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=3; SEGMENT=A			390 Secs (390 Secs) *[==>]*	***[1]***
6	G140L FP4 (COS.sp.1813850)	(110) UCAC2-46706450	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=505; FP-POS=4; SEGMENT=A			413 Secs (413 Secs) *[==>]*	***[1]***


Orbit Structure
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Server Version: 20220630
GS Acq
Exp. 1
Exp. 2
Pointing Maneuver
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Unused Orbital Visibility = 0
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec