14675 - Metal Evolution and TrAnsport in the Large Magellanic Cloud (METAL): Probing Dust Evolution in Star Forming Galaxies

Cycle: 24, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) SK-6522 ANY	STIS/CCD STIS/NUV-MAMA WFC3/UVIS	1	29-Dec-2016 21:07:47.0	yes
02	(2) SK-67101 ANY	STIS/CCD STIS/NUV-MAMA WFC3/UVIS	1	29-Dec-2016 21:07:48.0	yes
03	(3) SK-67211 ANY	STIS/CCD STIS/NUV-MAMA WFC3/UVIS	1	29-Dec-2016 21:07:50.0	yes
04	(4) SK-6714 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:07:52.0	yes
05	(5) SK-6635 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:07:54.0	yes
06	(6) SK-69104 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:07:57.0	yes
07	(7) SK-67191 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	4	29-Dec-2016 21:08:01.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
08	(8) SK-675 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:08:04.0	yes
09	(9) SK-7145 ANY	STIS/CCD STIS/NUV-MAMA WFC3/UVIS	1	29-Dec-2016 21:08:06.0	yes
10	(10) SK-69175 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:08:07.0	yes
63	(11) SK-672 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:08:10.0	yes
64	(11) SK-672 ANY	STIS/CCD STIS/FUV-MAMA WFC3/UVIS	2	29-Dec-2016 21:08:16.0	yes
12	(12) PGMW3120 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:08:18.0	yes
13	(13) SK-67105 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:08:21.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
14	(14) BI173 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	4	29-Dec-2016 21:08:25.0	yes
69	(15) SK-66172 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:08:28.0	yes
70	(15) SK-66172 ANY	STIS/CCD STIS/FUV-MAMA WFC3/UVIS	2	29-Dec-2016 21:08:30.0	yes
16	(16) SK-69246 ANY	STIS/CCD STIS/NUV-MAMA WFC3/UVIS	1	29-Dec-2016 21:08:31.0	yes
17	(17) SK-70115 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:08:33.0	yes
18	(18) BI184 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	3	29-Dec-2016 21:08:36.0	yes
20	(18) BI184 ANY	COS/FUV WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:08:39.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
19	(19) SK-7150 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	5	29-Dec-2016 21:08:44.0	yes
71	(20) SK-7079 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	3	29-Dec-2016 21:08:48.0	yes
72	(20) SK-7079 ANY	STIS/CCD STIS/FUV-MAMA WFC3/UVIS	2	29-Dec-2016 21:08:50.0	yes
22	(21) SK-6852 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	3	29-Dec-2016 21:08:54.0	yes
23	(22) SK-69220 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:08:57.0	yes
73	(23) PGMW3223 ANY	STIS/CCD STIS/FUV-MAMA WFC3/IR WFC3/UVIS	3	29-Dec-2016 21:08:59.0	yes
74	(23) PGMW3223 ANY	STIS/CCD STIS/NUV-MAMA WFC3/UVIS	2	29-Dec-2016 21:09:02.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
25	(24) SK-6873 ANY	COS/FUV COS/NUV WFC3/UVIS	1	29-Dec-2016 21:09:03.0	yes
26	(25) BI237 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	3	29-Dec-2016 21:09:06.0	yes
27	(25) BI237	COS/FUV COS/NUV	1	29-Dec-2016 21:09:08.0	yes
28	(26) SK-68129 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	5	29-Dec-2016 21:09:13.0	yes
29	(27) BI253 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	4	29-Dec-2016 21:09:17.0	yes
30	(27) BI253	COS/FUV COS/NUV	1	29-Dec-2016 21:09:20.0	yes
31	(28) SK-68135 ANY	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA WFC3/IR WFC3/UVIS	3	29-Dec-2016 21:09:22.0	yes
32	(29) SK-68140 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	4	29-Dec-2016 21:09:26.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
62	(29) SK-68140	STIS/CCD STIS/NUV-MAMA	2	29-Dec-2016 21:09:29.0	yes
75	(30) SK-68155 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:09:30.0	yes
76	(30) SK-68155 ANY	STIS/CCD STIS/NUV-MAMA WFC3/UVIS	2	29-Dec-2016 21:09:32.0	yes
34	(31) SK-6826 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	3	29-Dec-2016 21:09:35.0	yes
35	(31) SK-6826	COS/FUV	1	29-Dec-2016 21:09:37.0	yes
67	(32) SK-69279 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:09:39.0	yes
68	(32) SK-69279 ANY	STIS/CCD STIS/NUV-MAMA WFC3/UVIS	2	29-Dec-2016 21:09:41.0	yes
65	(33) SK-6619 ANY	STIS/CCD STIS/NUV-MAMA WFC3/IR WFC3/UVIS	2	29-Dec-2016 21:09:44.0	yes
66	(33) SK-6619 ANY	STIS/CCD STIS/NUV-MAMA WFC3/UVIS	2	29-Dec-2016 21:09:46.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
38	(33) SK-6619	COS/FUV COS/NUV	1	29-Dec-2016 21:09:48.0	yes

103 Total Orbits Used

ABSTRACT

METAL is a large spectroscopic and imaging program with HST dedicated to the study of dust evolution in the Large Magellanic Cloud (LMC). The program will obtain FUV and NUV medium-resolution spectra of 33 massive stars in the LMC with STIS and COS complementing existing archival data to measure gas-phase and dust-phase (depletion) elemental abundances. With these spectra, we will subsequently directly measure the dust composition and abundance as a function of environment (surface density, radiation field, dynamical conditions, such as the proximity of supernova remnants or expanding HI shells). The depletion information will be complemented with dust UV extinction curves (i.e., the UV opacity of dust grains as a function of wavelength) derived from either archival IUE, or new COS and low-resolution STIS spectra acquired as part of this program. Together, the depletions and extinction curves will constrain how the dust abundance and properties (composition, size distribution) vary with environment at Z=0.5Zo.

In parallel to the spectroscopic observations, we will obtain WFC3 NUV-NIR imaging to map dust extinction parameters (AV, RV) in the vicinity of our targets and calibrate the far-infrared (FIR) emissivity of dust. Our observations we will improve the accuracy of dust mass and extinction estimates in the local and high-redshift universe by up to an order of magnitude.

METAL will complement a Cycle 23 HST/STIS program (GO-13778) focused on dust evolution in the Small Magellanic Cloud (SMC) at Z=0.2Zo, and previously published depletion studies in the Milky Way (Jenkins et al. 2009) to provide a comprehensive view of dust evolution as a function of metallicity.

OBSERVING DESCRIPTION

We will observe 33 LMC massive stars with STIS E140M, E230M, G140L, G230L and COS/G130M and G160M. The M-resolution observations are meant to measure depletions. We will complement the exisiting spectroscopic archive, so when a STIS NUV spectrum is available, we will only acquire the FUV and vice versa. STIS echelle gratings are preferred to maximize resolution. In a few cases, the targets are too faint for STIS E140M, and for those we will use COS/FUV. In all cases, STIS/E230M is less observationally expensive than using the multiple cenwaves of COS/NUV

necessary to cover the spectral lines of the main dust constituents. For most targets, IUE spectra with the LARGE aperture or STIS low-resolution spectra are available for extinction curves measurements. The COS spectra we will acquire here can also be used for extinction curves since the large COS aperture offers great photometric accuracy (2% relative, 5% absolute). Since the photometric accuracy of the STIS echelle spectra is not sufficient for extinction curves, we will acquire G140L and/or G230L STIS spectra for those targets that do not have archival IUE or low-resolution spectra.

In parallel to the spectroscopic observations, we will image LMC fields in the vicinity of the primary targets in 7 filters of WFC3 covering the NUV-NIR. This will allow us to derive stellar photometric catalogs and ultimately dust extinction maps. We will design the observations so that the parallel exposures do not impact the primary observations.

Visit

Proposal 14675, SK-6522 (1 NUV orbit) (01), scheduling Fri Dec 30 02:09:50 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

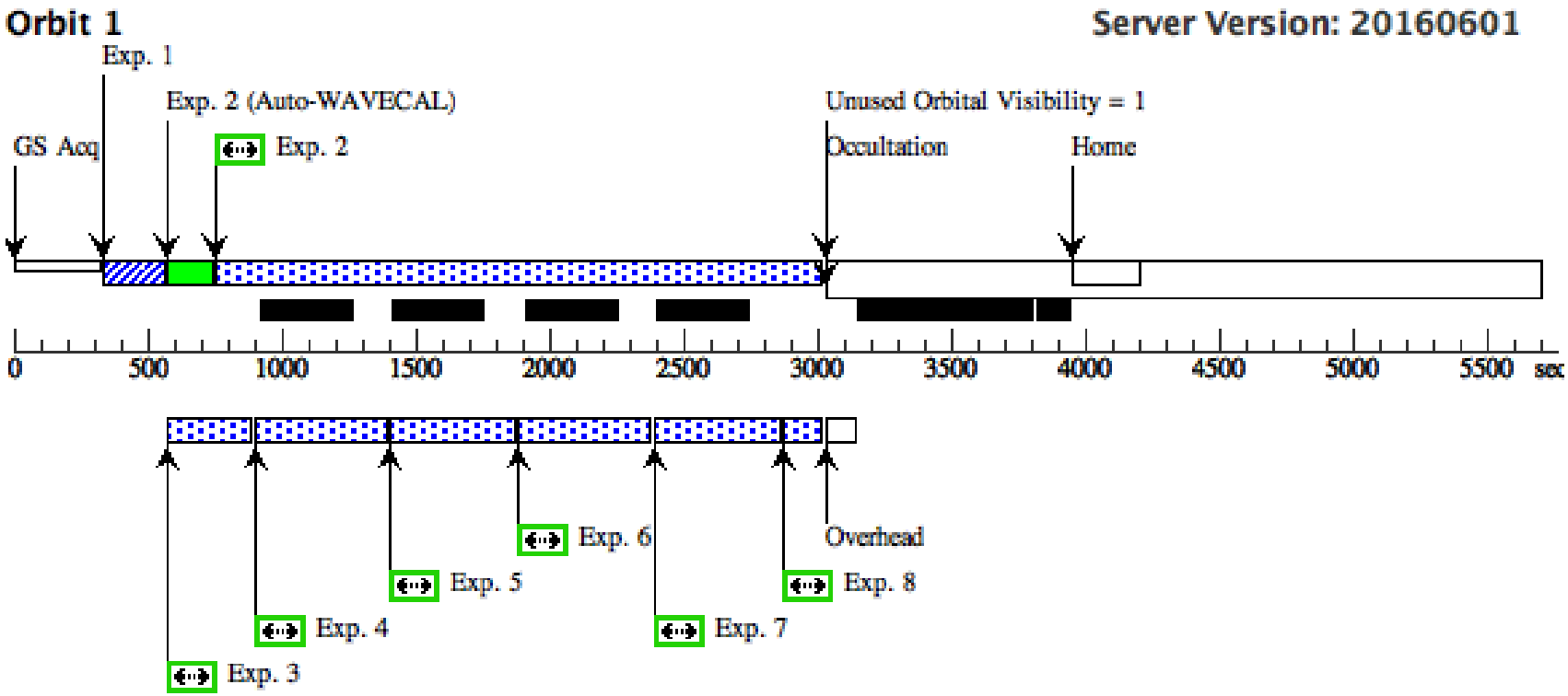
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	SK-6522	RA: 05 01 23.0700 (75.3461250d) Dec: -65 52 33.19 (-65.87589d) Equinox: J2000		V=12.1 Spt= O6Iaf+ FUV/G130M=2.0e-12 FUV/G160M=1.5e-12 NUV flux=5.0e-13 EBV = 0.11	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	SK-6522_ACQ (STIS.ta.820397)	(1) SK-6522	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-6522_E230M (STIS.sp.820518)	(1) SK-6522	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-6522 (1 NUV orbit) (01)	2240 Secs (2240 Secs) *[==>]*	***[1]***
	Comments: field cleared with GALEX								
3	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 2-8 in SK-6522 (1 NUV orbit) (01)	155 Secs (155 Secs) *[==>]*	***[1]***
4	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-6522 (1 NUV orbit) (01)	348 Secs (348 Secs) *[==>]*	***[1]***
5	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-6522 (1 NUV orbit) (01)	348 Secs (348 Secs) *[==>]*	***[1]***
6	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10.0		Prime + Parallel Group 2-8 in SK-6522 (1 NUV orbit) (01)	348 Secs (348 Secs) *[==>]*	***[1]***
7	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-6522 (1 NUV orbit) (01)	348 Secs (348 Secs) *[==>]*	***[1]***
8	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9.0		Prime + Parallel Group 2-8 in SK-6522 (1 NUV orbit) (01)	120 Secs (120 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 14675, SK-67101 (1 NUV orbit) (02), completed

Fri Dec 30 02:09:50 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

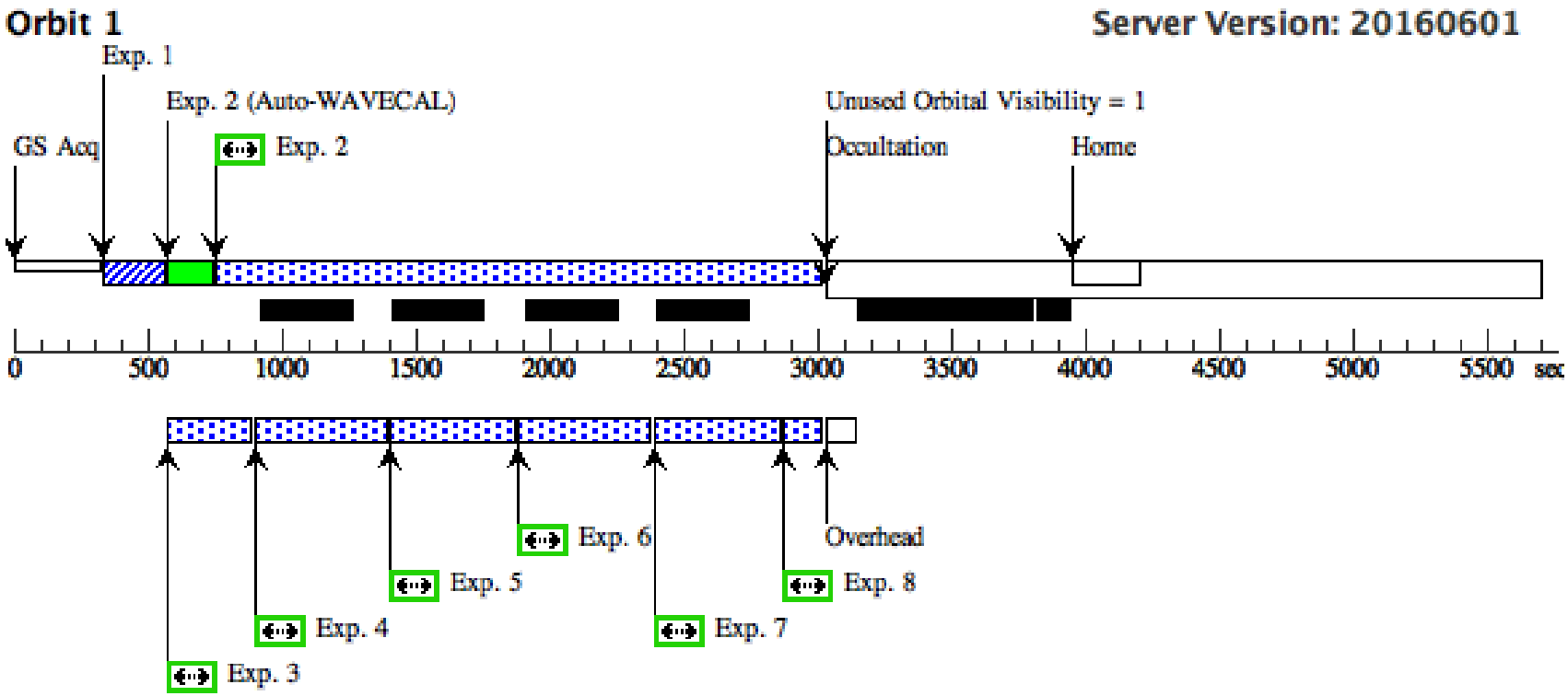
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SK-67101	RA: 05 25 56.2450 (81.4843542d) Dec: -67 30 28.79 (-67.50800d) Equinox: J2000		V=12.7 Spt= O8II FUV/G130M=1.1e-12 FUV/G160M=8.0e-13 NUV flux=5.0e-13 EBV = 0.08	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	SK-67101_ACQ (STIS.ta.820397)	(2) SK-67101	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-67101_E230M (STIS.sp.820525)	(2) SK-67101	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-67101 (1 NUV orbit) (02)	2240 Secs (2240 Secs) *[==>]*	*[1]*
	Comments: Unknown = target								
3	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 2-8 in SK-67101 (1 NUV orbit) (02)	155 Secs (155 Secs) *[==>]*	*[1]*
4	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-67101 (1 NUV orbit) (02)	348 Secs (348 Secs) *[==>]*	*[1]*
5	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-67101 (1 NUV orbit) (02)	348 Secs (348 Secs) *[==>]*	*[1]*
6	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10.0		Prime + Parallel Group 2-8 in SK-67101 (1 NUV orbit) (02)	348 Secs (348 Secs) *[==>]*	*[1]*
7	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-67101 (1 NUV orbit) (02)	348 Secs (348 Secs) *[==>]*	*[1]*
8	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9.0		Prime + Parallel Group 2-8 in SK-67101 (1 NUV orbit) (02)	120 Secs (120 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 14675, SK-67211 (1 NUV orbit) (03), scheduling Fri Dec 30 02:09:50 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

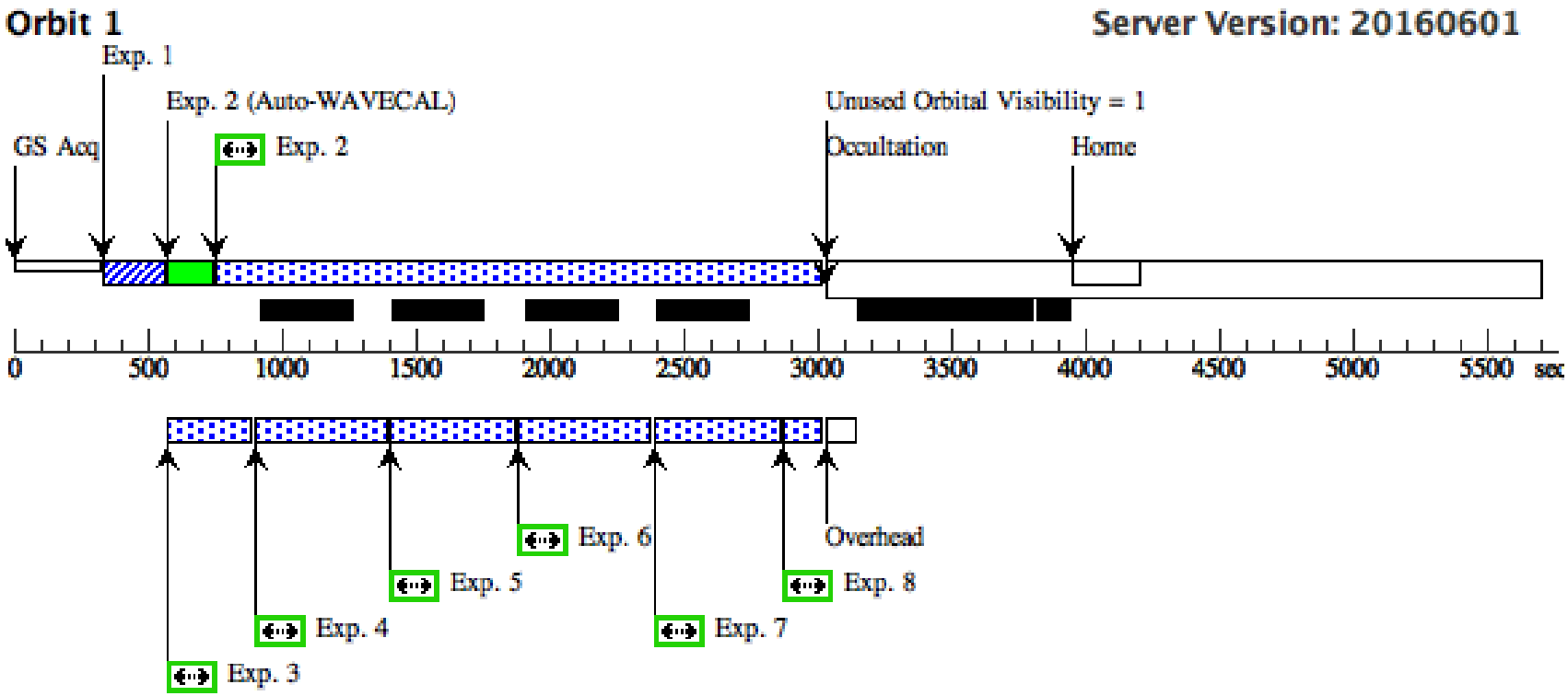
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	SK-67211	RA: 05 35 13.8910 (83.8078792d) Dec: -67 33 27.59 (-67.55766d) Equinox: J2000		V=12.3 Spt= O2III(f*) FUV/G130M=2.0e-12 FUV/G160M=1.5e-12 NUV flux=7.0e-13 EBV=0.1	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	SK-67211_ACQ (STIS.ta.820397)	(3) SK-67211	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-67211_E230M (STIS.sp.820527)	(3) SK-67211	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-67211 (1 NUV orbit) (03)	2240 Secs (2240 Secs) *[==>]*	*[1]*
	Comments: Unknown = target								
3	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 2-8 in SK-67211 (1 NUV orbit) (03)	155 Secs (155 Secs) *[==>]*	*[1]*
4	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-67211 (1 NUV orbit) (03)	348 Secs (348 Secs) *[==>]*	*[1]*
5	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-67211 (1 NUV orbit) (03)	348 Secs (348 Secs) *[==>]*	*[1]*
6	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10.0		Prime + Parallel Group 2-8 in SK-67211 (1 NUV orbit) (03)	348 Secs (348 Secs) *[==>]*	*[1]*
7	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-67211 (1 NUV orbit) (03)	348 Secs (348 Secs) *[==>]*	*[1]*
8	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9.0		Prime + Parallel Group 2-8 in SK-67211 (1 NUV orbit) (03)	120 Secs (120 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 14675, SK-6714 (NUV+FUV) (04), scheduling Fri Dec 30 02:09:50 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

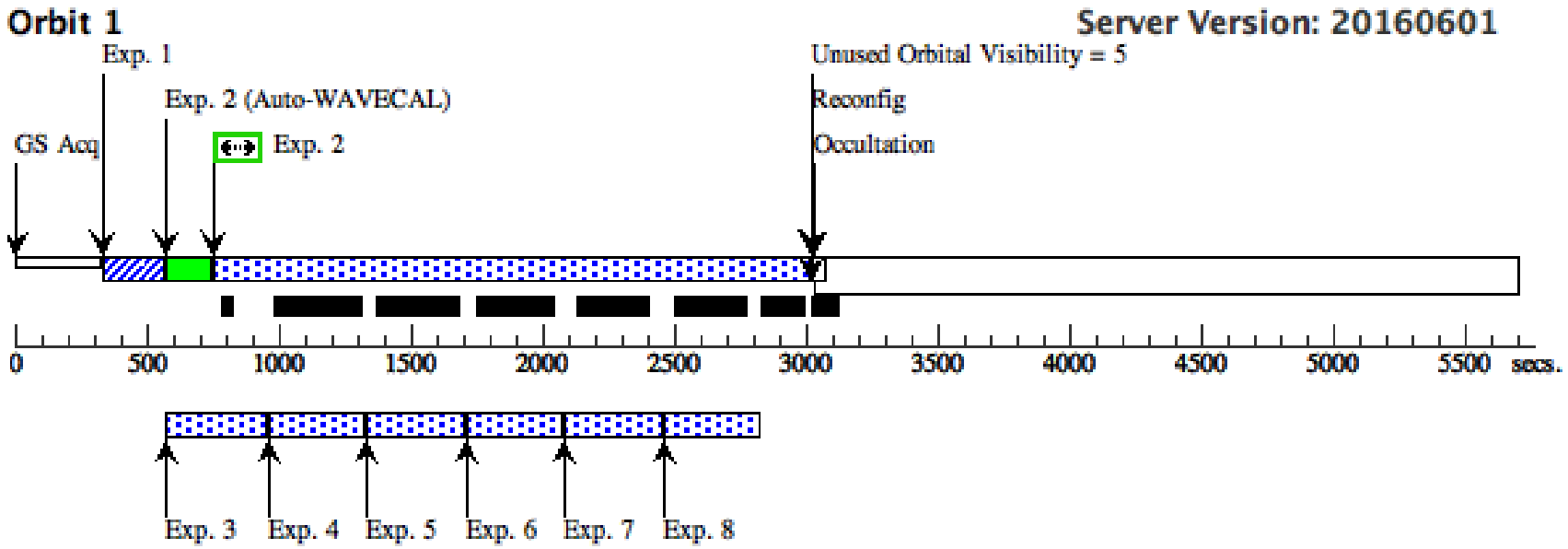
Fixed Targets

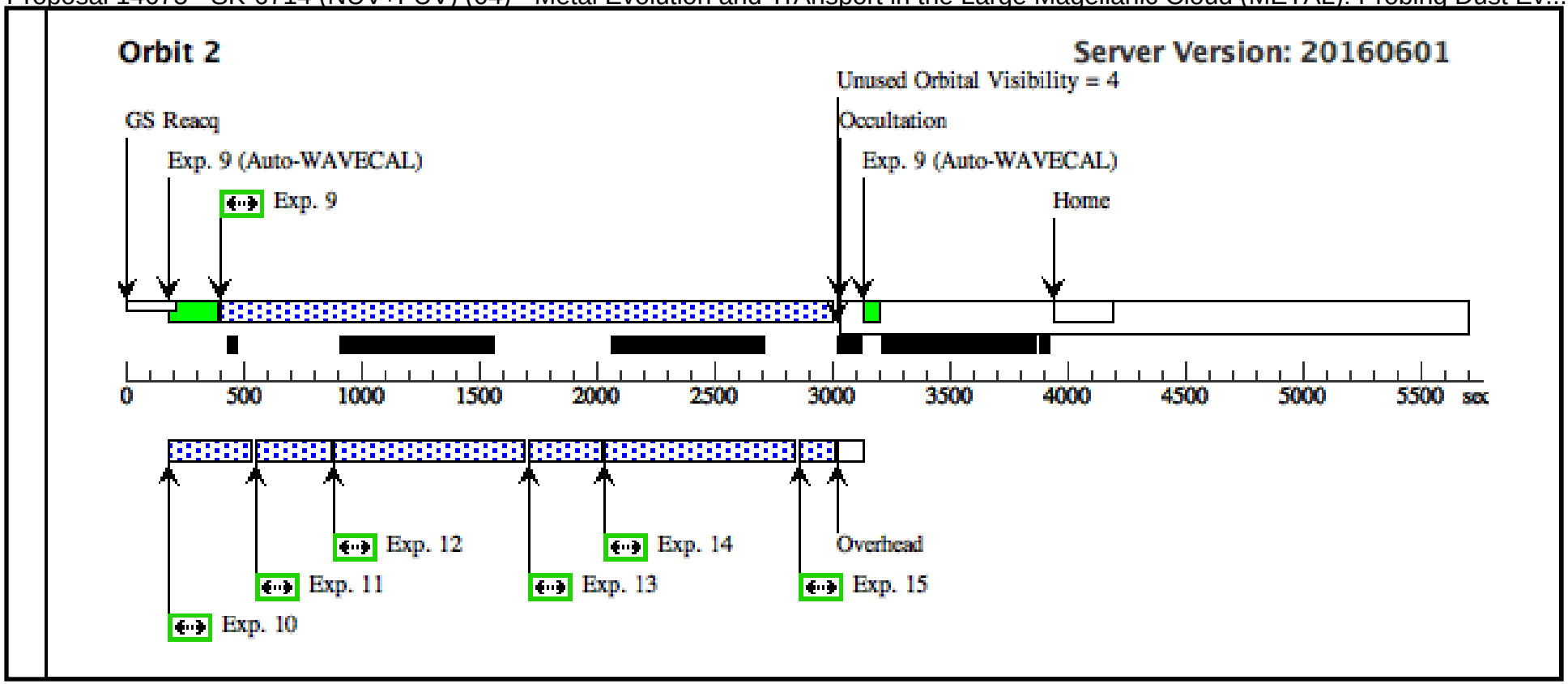
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	SK-6714	RA: 04 54 31.8900 (73.6328750d) Dec: -67 15 24.61 (-67.25684d) Equinox: J2000		V=11.5 Spt= B1.5Ia FUV/G130M=1.3e -12 FUV/G160M=1.0e-12 NUV flux=6.0e-13 EBV = 0.08	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-6714_ACQ (STIS.ta.820548)	(4) SK-6714	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-6714_E230M (STIS.sp.820549)	(4) SK-6714	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-6714 (NUV+FUV) (04)	2240 Secs (2240 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6714 (NUV+FUV) (04)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6714 (NUV+FUV) (04)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6714 (NUV+FUV) (04)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6714 (NUV+FUV) (04)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6714 (NUV+FUV) (04)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6714 (NUV+FUV) (04)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-6714_E140M (STIS.sp.820544)	(4) SK-6714	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 9-15 in SK-6714 (NUV+FUV) (04)	2585 Secs (2585 Secs) *[==>]*	***[2]***
10	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Group 9-15 in SK-6714 (NUV+FUV) (04)	200 Secs (200 Secs) *[==>]*	***[2]***
11	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Group 9-15 in SK-6714 (NUV+FUV) (04)	200 Secs (200 Secs) *[==>]*	***[2]***
12	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10		Prime + Parallel Group 9-15 in SK-6714 (NUV+FUV) (04)	670 Secs (670 Secs) *[==>]*	***[2]***
13	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=8.0		Prime + Parallel Group 9-15 in SK-6714 (NUV+FUV) (04)	160 Secs (160 Secs) *[==>]*	***[2]***
14	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10.0		Prime + Parallel Group 9-15 in SK-6714 (NUV+FUV) (04)	670 Secs (670 Secs) *[==>]*	***[2]***
15	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Group 9-15 in SK-6714 (NUV+FUV) (04)	130 Secs (130 Secs) *[==>]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Unused Orbital Visibility = 4
GS Reacq
Occultation
Exp. 9 (Auto-WAVECAL)
Exp. 9 (Auto-WAVECAL)
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12
Exp. 14
Overhead
Exp. 11
Exp. 13
Exp. 15
Exp. 10

Visit

Proposal 14675, SK-6635 (NUV+FUV) (05), scheduling Fri Dec 30 02:09:50 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Fixed Targets

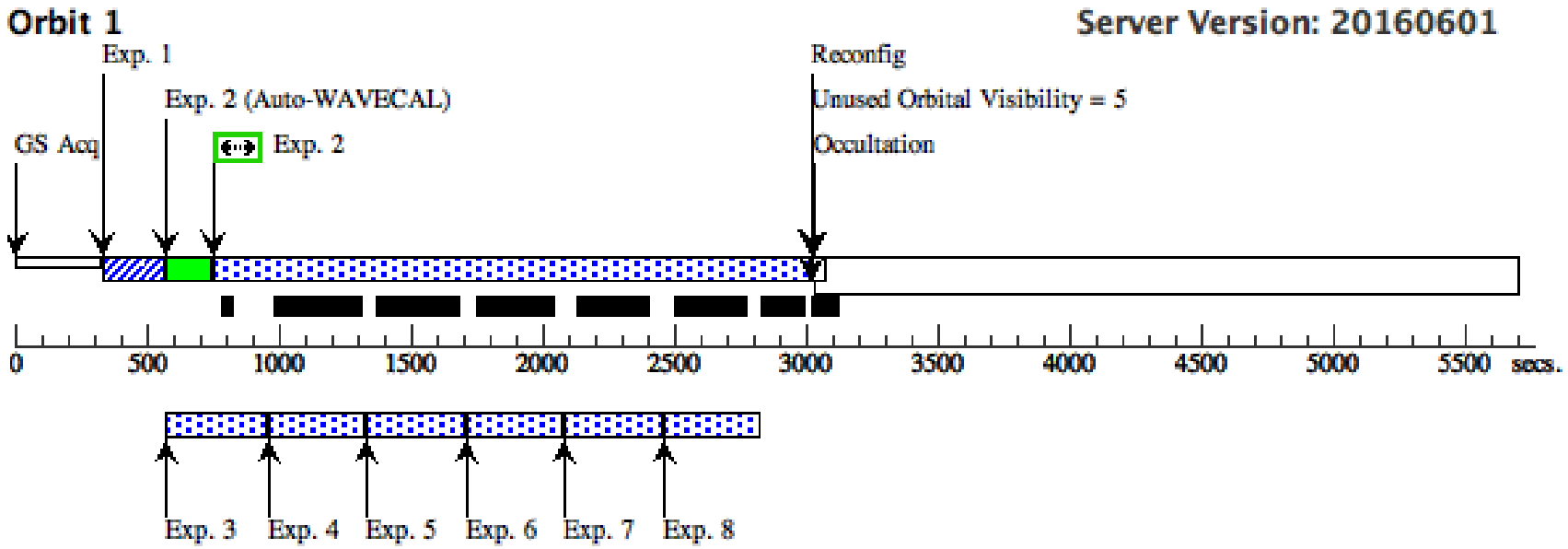
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	SK-6635	RA: 04 57 4.4400 (74.2685000d) Dec: -66 34 38.45 (-66.57735d) Equinox: J2000		V=11.6 Spt= BC1Ia FUV/G130M=1.1e-12 FUV/G160M=8.0e-13 NUV flux=5.0e-13 EBV = 0.11	Reference Frame: ICRS

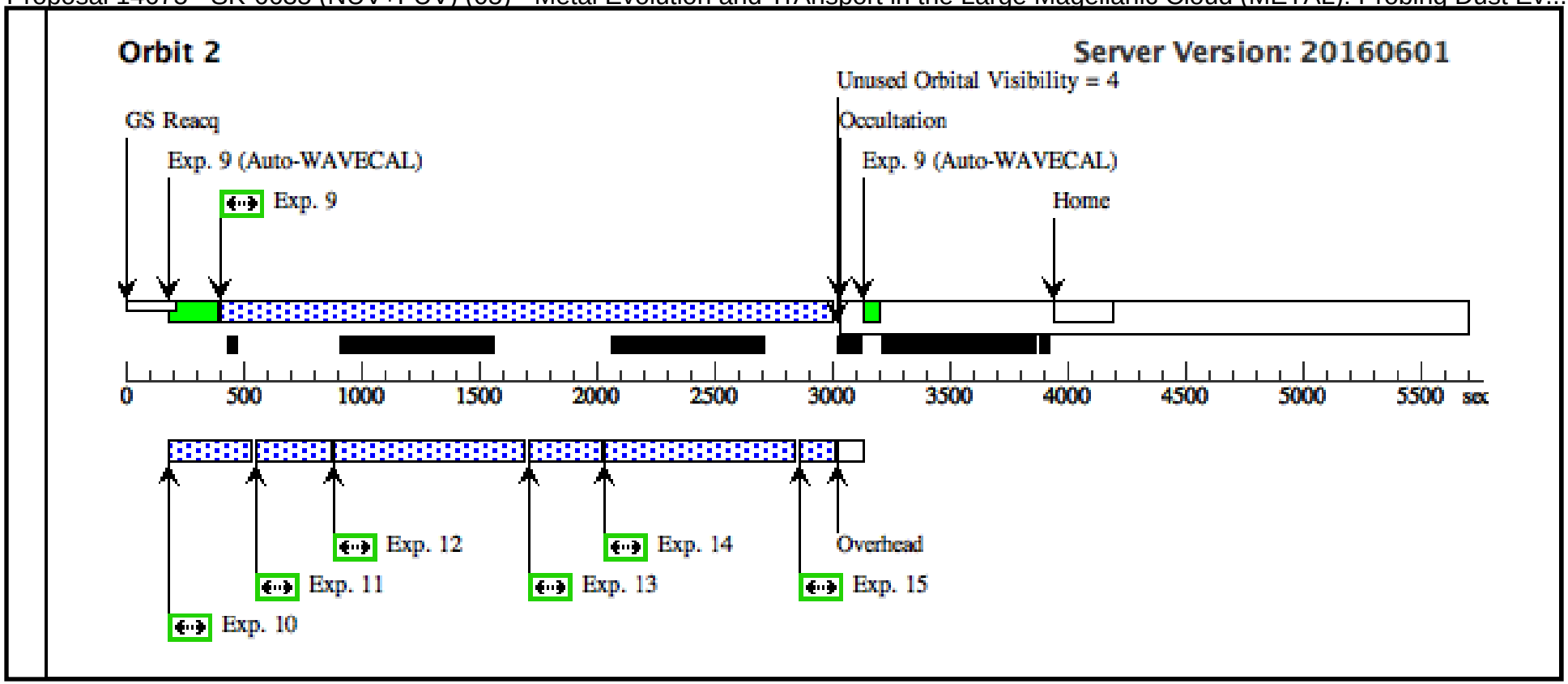
Comments: Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-6635_ACQ (STIS.ta.820548)	(5) SK-6635	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-6635_E230M (STIS.sp.820552)	(5) SK-6635	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-6635 (NUV+FUV) (05)	2240 Secs (2240 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6635 (NUV+FUV) (05)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6635 (NUV+FUV) (05)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6635 (NUV+FUV) (05)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6635 (NUV+FUV) (05)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6635 (NUV+FUV) (05)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6635 (NUV+FUV) (05)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-6635_E140M (STIS.sp.820554)	(5) SK-6635	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 9-15 in SK-6635 (NUV+FUV) (05)	2585 Secs (2585 Secs) *[==>]*	***[2]***
10	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Group 9-15 in SK-6635 (NUV+FUV) (05)	200 Secs (200 Secs) *[==>]*	***[2]***
11	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Group 9-15 in SK-6635 (NUV+FUV) (05)	200 Secs (200 Secs) *[==>]*	***[2]***
12	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10		Prime + Parallel Group 9-15 in SK-6635 (NUV+FUV) (05)	670 Secs (670 Secs) *[==>]*	***[2]***
13	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=8.0		Prime + Parallel Group 9-15 in SK-6635 (NUV+FUV) (05)	160 Secs (160 Secs) *[==>]*	***[2]***
14	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10.0		Prime + Parallel Group 9-15 in SK-6635 (NUV+FUV) (05)	670 Secs (670 Secs) *[==>]*	***[2]***
15	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Group 9-15 in SK-6635 (NUV+FUV) (05)	130 Secs (130 Secs) *[==>]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Unused Orbital Visibility = 4
GS Reacq
Occultation
Exp. 9 (Auto-WAVECAL)
Exp. 9 (Auto-WAVECAL)
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12
Exp. 14
Overhead
Exp. 11
Exp. 13
Exp. 15
Exp. 10

Visit

Proposal 14675, SK-69104 (NUV+FUV) (06), scheduling Fri Dec 30 02:09:50 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

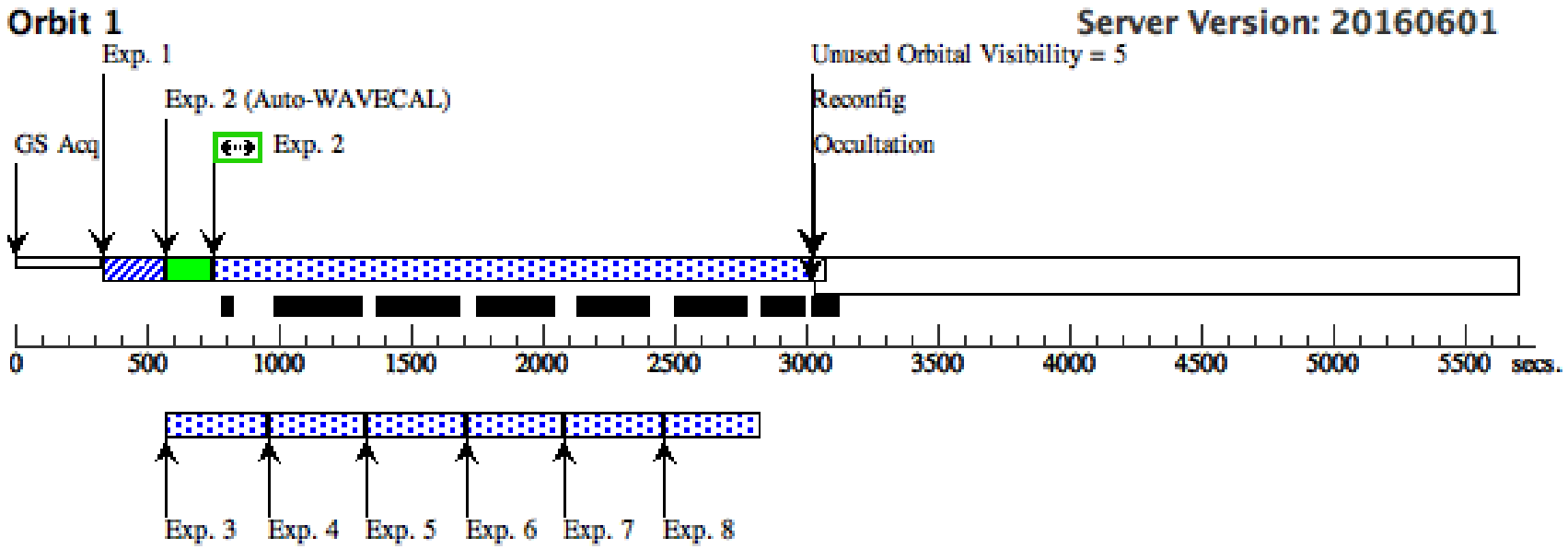
Fixed Targets

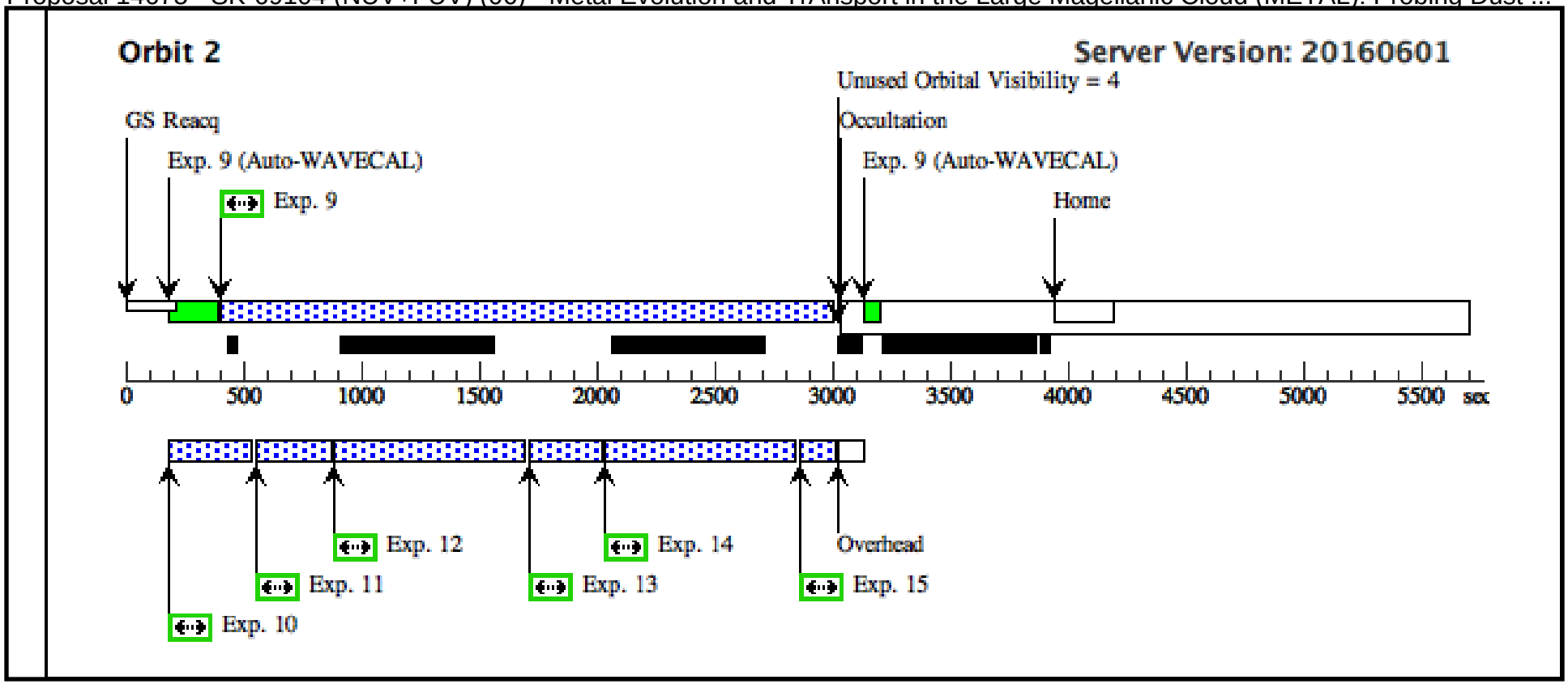
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	SK-69104	RA: 05 18 59.4840 (79.7478500d) Dec: -69 12 54.82 (-69.21523d) Equinox: J2000		V=12.1 Spt= O6Ib(f) FUV/G130M=2.5 e-12 FUV/G160M=1.5e-12 NU V flux=6.0e-13 EBV= 0.1	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-69104_ ACQ (STIS.ta.820548)	(6) SK-69104	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-69104_ E230M (STIS.sp.820557)	(6) SK-69104	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-69104 (NUV+FUV) (06)	2240 Secs (2240 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-69104 (NUV+FUV) (06)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-69104 (NUV+FUV) (06)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-69104 (NUV+FUV) (06)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-69104 (NUV+FUV) (06)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-69104 (NUV+FUV) (06)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-69104 (NUV+FUV) (06)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-69104_ E140M (STIS.sp.820556)	(6) SK-69104	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 9-15 in SK-69104 (NUV+FUV) (06)	2585 Secs (2585 Secs) *[==>]*	***[2]***
Comments: Unkonwn=target									
10	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Group 9-15 in SK-69104 (NUV+FUV) (06)	200 Secs (200 Secs) *[==>]*	***[2]***
11	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Group 9-15 in SK-69104 (NUV+FUV) (06)	200 Secs (200 Secs) *[==>]*	***[2]***
12	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10		Prime + Parallel Group 9-15 in SK-69104 (NUV+FUV) (06)	670 Secs (670 Secs) *[==>]*	***[2]***
13	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=8.0		Prime + Parallel Group 9-15 in SK-69104 (NUV+FUV) (06)	160 Secs (160 Secs) *[==>]*	***[2]***
14	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10.0		Prime + Parallel Group 9-15 in SK-69104 (NUV+FUV) (06)	670 Secs (670 Secs) *[==>]*	***[2]***
15	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Group 9-15 in SK-69104 (NUV+FUV) (06)	130 Secs (130 Secs) *[==>]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Unused Orbital Visibility = 4
GS Reacq
Occultation
Exp. 9 (Auto-WAVECAL)
Exp. 9 (Auto-WAVECAL)
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12
Exp. 14
Overhead
Exp. 11
Exp. 13
Exp. 15
Exp. 10

Visit

Proposal 14675, SK-67191 (NUV+FUV) (07), scheduling Fri Dec 30 02:09:50 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SK-67191	RA: 05 33 34.0280 (83.3917833d) Dec: -67 30 19.72 (-67.50548d) Equinox: J2000		V=13.5 Spt= O8V FUV/G130M=5.0e-13 FUV/G160M=3.5e-13 NUV flux=2.0e-13 EBV = 0.1	Reference Frame: ICRS

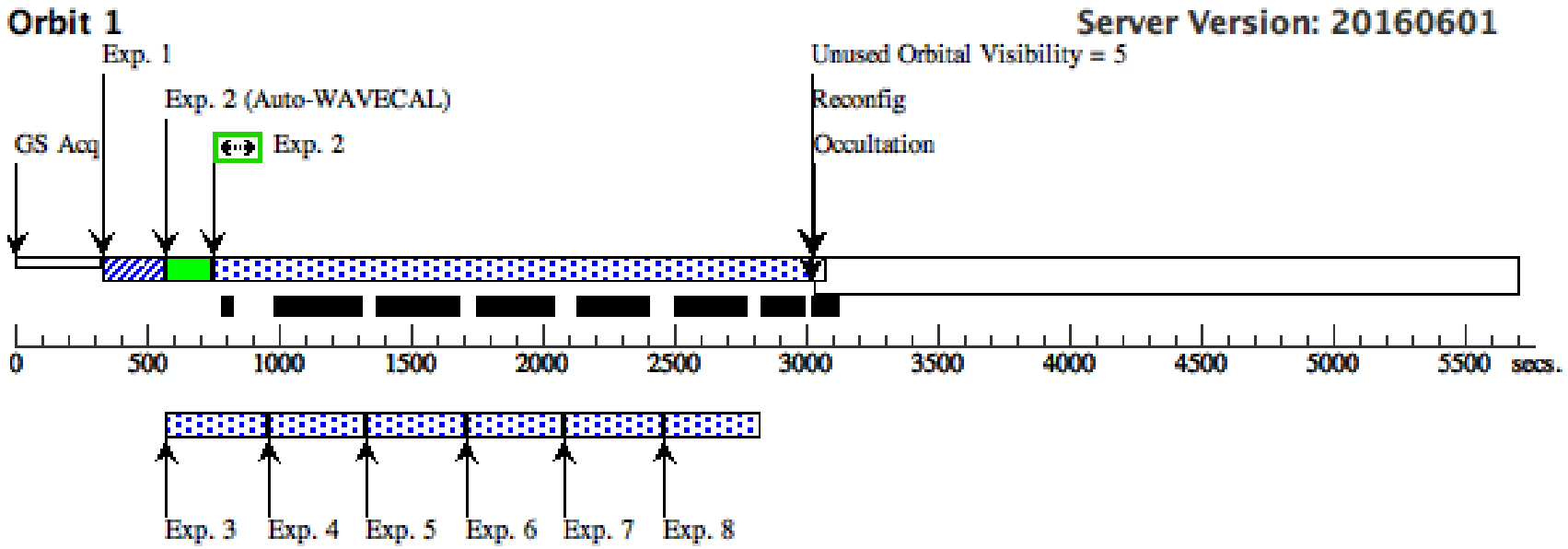
Comments: Extended=NO

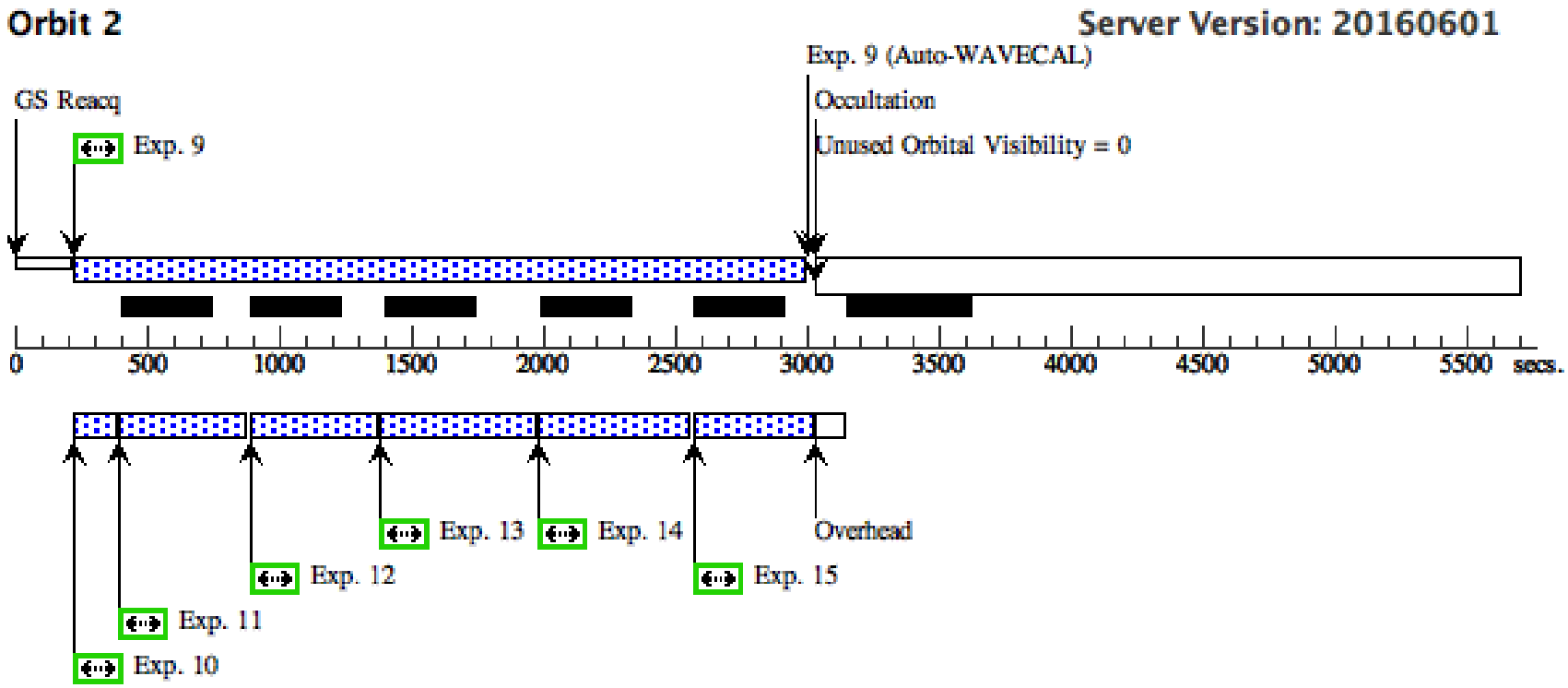
Exposures

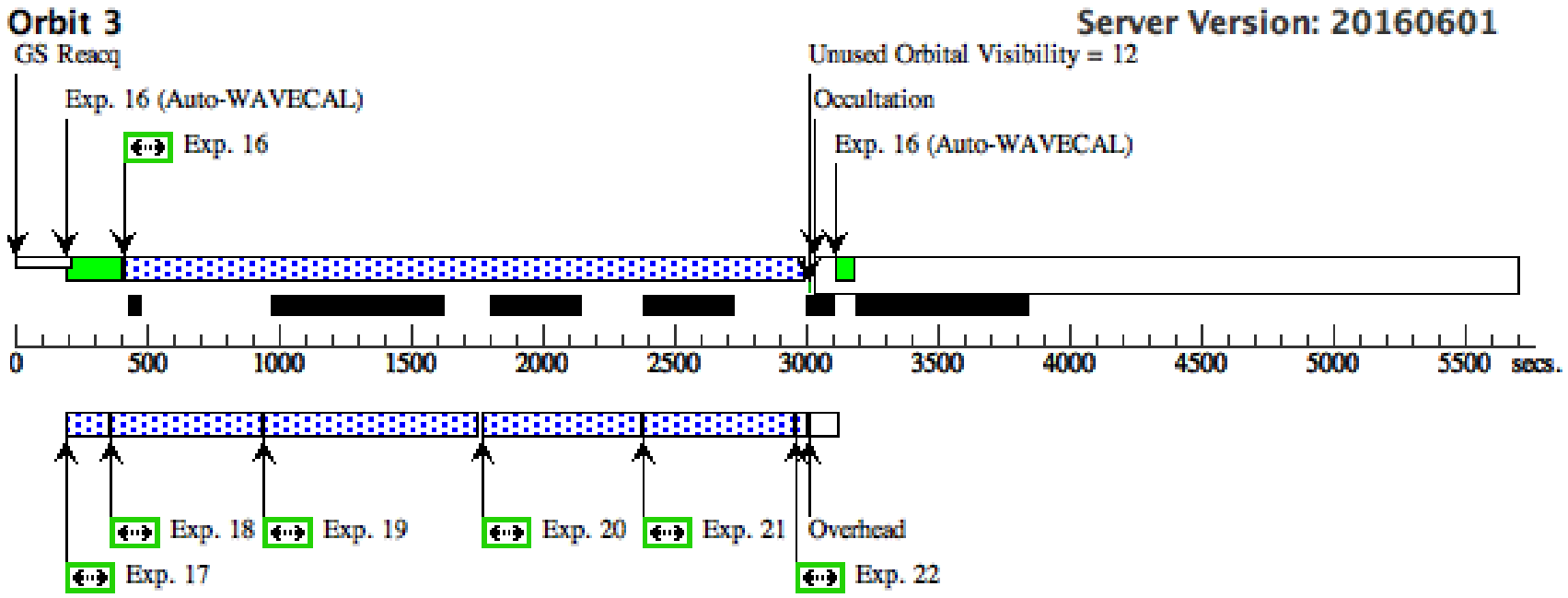
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-67191_ ACQ (STIS.ta.820548)	(7) SK-67191	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-67191_ E230M (STIS.sp.820565)	(7) SK-67191	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-67191 (NUV+FUV) (07)	2240 Secs (2240 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-67191 (NUV+FUV) (07)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-67191 (NUV+FUV) (07)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-67191 (NUV+FUV) (07)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-67191 (NUV+FUV) (07)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-67191 (NUV+FUV) (07)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-67191 (NUV+FUV) (07)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-67191_ E230M (STIS.sp.820565)	(7) SK-67191	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in SK-67191 (NUV+FUV) (07)	2750 Secs (2750 Secs) *[==>]*	***[2]***
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in SK-67191 (NUV+FUV) (07)	5 Secs (5 Secs) *[==>]*	***[2]***
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-67191 (NUV+FUV) (07)	360 Secs (360 Secs) *[==>]*	***[2]***
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-67191 (NUV+FUV) (07)	360 Secs (360 Secs) *[==>]*	***[2]***
13	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-67191 (NUV+FUV) (07)	450 Secs (450 Secs) *[==>]*	***[2]***
14	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-67191 (NUV+FUV) (07)	450 Secs (450 Secs) *[==>]*	***[2]***
15	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-67191 (NUV+FUV) (07)	449 Secs (449 Secs) *[==>]*	***[2]***
16	SK-67191_ E140M (STIS.sp.820567)	(7) SK-67191	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 16-22 in SK-67191 (NUV+FUV) (07)	2560 Secs (2560 Secs) *[==>]*	***[3]***

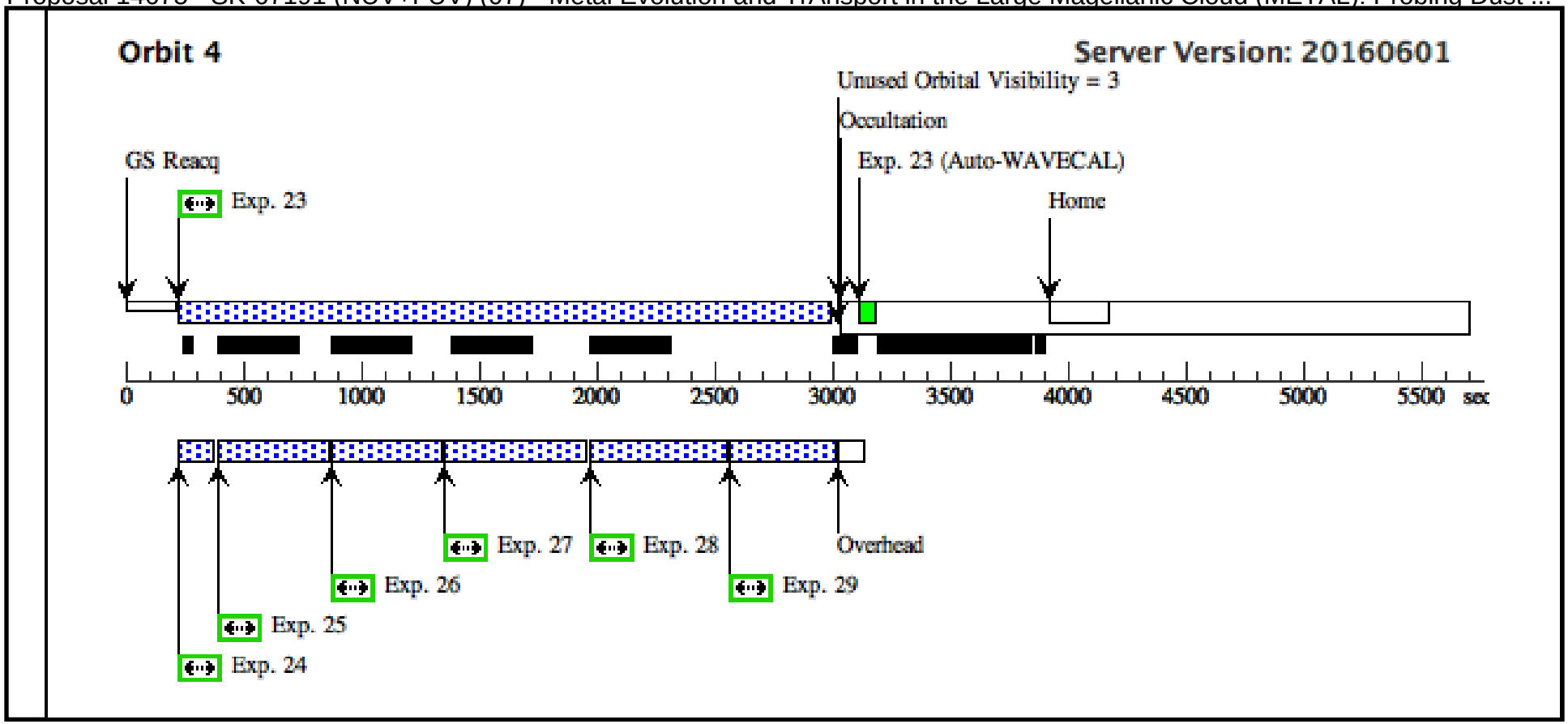
	17	F336W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11	Prime + Parallel Group 16-22 in SK-67191 (NUV+FUV) (07)	10 Secs (10 Secs) [==>]	 **[3]**
	18	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in SK-67191 (NUV+FUV) (07)	450 Secs (450 Secs) [==>]	 **[3]**
	19	F225W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in SK-67191 (NUV+FUV) (07)	670 Secs (670 Secs) [==>]	 **[3]**
	20	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in SK-67191 (NUV+FUV) (07)	450 Secs (450 Secs) [==>]	 **[3]**
	21	F336W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in SK-67191 (NUV+FUV) (07)	450 Secs (450 Secs) [==>]	 **[3]**
	22	F275W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 16-22 in SK-67191 (NUV+FUV) (07)	15 Secs (15 Secs) [==>]	 **[3]**
	23	SK-67191_E140M (STIS.sp.820567)	(7) SK-67191	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A		Prime + Parallel Group 23-29 in SK-67191 (NUV+FUV) (07)	2750 Secs (2750 Secs) [==>]	 **[4]**
	24	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11	Prime + Parallel Group 23-29 in SK-67191 (NUV+FUV) (07)	10 Secs (10 Secs) [==>]	 **[4]**
	25	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 23-29 in SK-67191 (NUV+FUV) (07)	350 Secs (350 Secs) [==>]	 **[4]**
	26	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 23-29 in SK-67191 (NUV+FUV) (07)	350 Secs (350 Secs) [==>]	 **[4]**
	27	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 23-29 in SK-67191 (NUV+FUV) (07)	455 Secs (455 Secs) [==>]	 **[4]**
	28	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 23-29 in SK-67191 (NUV+FUV) (07)	455 Secs (455 Secs) [==>]	 **[4]**
	29	F275W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 23-29 in SK-67191 (NUV+FUV) (07)	455 Secs (455 Secs) [==>]	 **[4]**

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Occultation
Exp. 9
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10


Orbit 3
Server Version: 20160601
GS Reacq
Exp. 16 (Auto-WAVECAL)
Exp. 16
Unused Orbital Visibility = 12
Occultation
Exp. 16 (Auto-WAVECAL)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 18
Exp. 19
Exp. 20
Exp. 21
Overhead
Exp. 17
Exp. 22


Orbit 4
Server Version: 20160601
Unused Orbital Visibility = 3
Occultation
GS Reacq
Exp. 23 (Auto-WAVECAL)
Exp. 23
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 27
Exp. 28
Overhead
Exp. 26
Exp. 29
Exp. 25
Exp. 24

Visit

Proposal 14675, SK-675 (NUV+FUV) (08), completed Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Fixed Targets

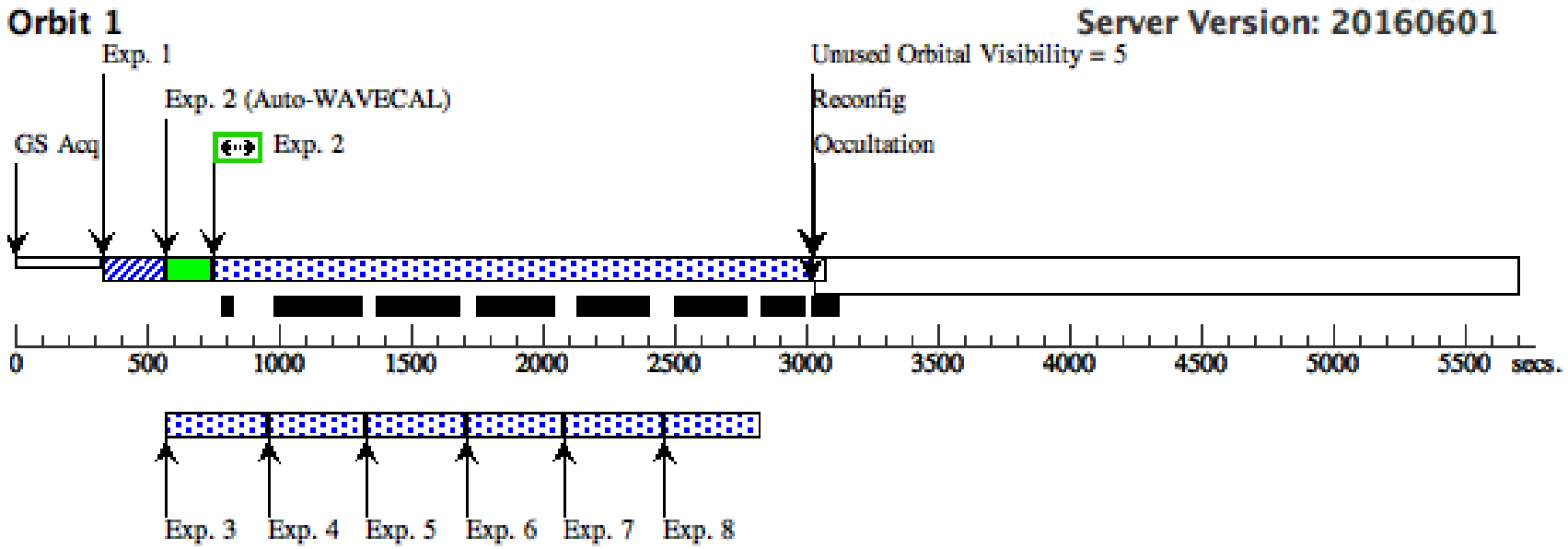
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	SK-675	RA: 04 50 18.9180 (72.5788250d) Dec: -67 39 38.10 (-67.66058d) Equinox: J2000		V=11.3 Spt= O9.7Ib FUV/G130M=2.5e-12 FUV/G160M=2.0e-12 NUV flux=1.0e-12	Reference Frame: ICRS

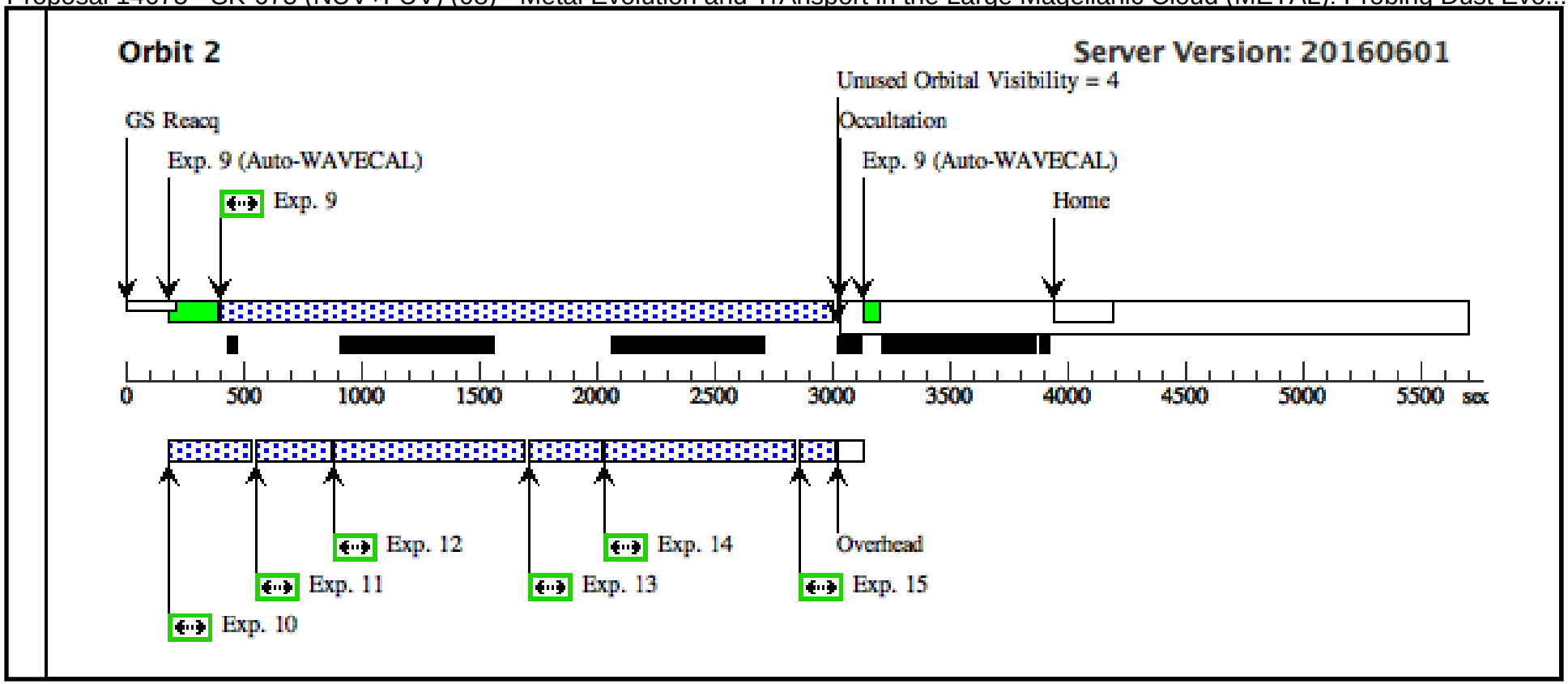
Comments: Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-675_ACQ (STIS.ta.820548)	(8) SK-675	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-675_E230M (STIS.sp.820568)	(8) SK-675	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-675 (NUV+FUV) (08)	2240 Secs (2240 Secs) *[==>]*	*[1]*
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-675 (NUV+FUV) (08)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-675 (NUV+FUV) (08)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-675 (NUV+FUV) (08)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-675 (NUV+FUV) (08)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-675 (NUV+FUV) (08)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-675 (NUV+FUV) (08)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
9	SK-675_E140M (STIS.sp.820569)	(8) SK-675	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 9-15 in SK-675 (NUV+FUV) (08)	2585 Secs (2585 Secs) *[==>]*	*[2]*
10	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Group 9-15 in SK-675 (NUV+FUV) (08)	200 Secs (200 Secs) *[==>]*	*[2]*
11	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Group 9-15 in SK-675 (NUV+FUV) (08)	200 Secs (200 Secs) *[==>]*	*[2]*
12	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10		Prime + Parallel Group 9-15 in SK-675 (NUV+FUV) (08)	670 Secs (670 Secs) *[==>]*	*[2]*
13	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=8.0		Prime + Parallel Group 9-15 in SK-675 (NUV+FUV) (08)	160 Secs (160 Secs) *[==>]*	*[2]*
14	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10.0		Prime + Parallel Group 9-15 in SK-675 (NUV+FUV) (08)	670 Secs (670 Secs) *[==>]*	*[2]*
15	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Group 9-15 in SK-675 (NUV+FUV) (08)	130 Secs (130 Secs) *[==>]*	*[2]*

Orbit Structure




Orbit 2
Server Version: 20160601
Unused Orbital Visibility = 4
GS Reacq
Occultation
Exp. 9 (Auto-WAVECAL)
Exp. 9 (Auto-WAVECAL)
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12
Exp. 14
Overhead
Exp. 11
Exp. 13
Exp. 15
Exp. 10

Visit

Proposal 14675, SK-7145 (1 NUV orbit) (09), scheduling Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

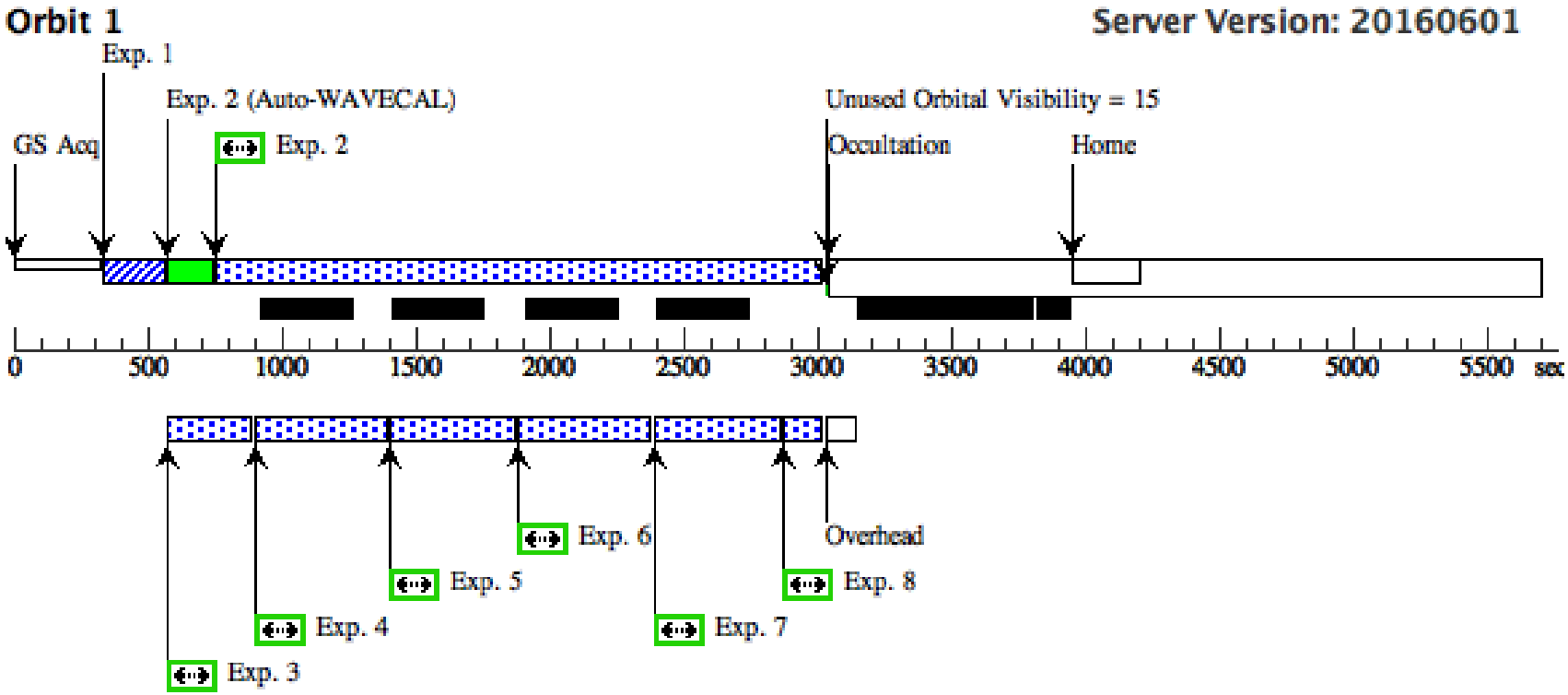
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	SK-7145	RA: 05 31 15.6540 (82.8152250d) Dec: -71 04 9.69 (-71.06936d) Equinox: J2000		V=11.5 Spt= O4-5III(f) FUV/G130M=2.0e-12 FUV/G160M=1.5e-12 NUV flux=7.0e-13 EBV = 0.16	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	SK-7145_ACQ (STIS.ta.820397)	(9) SK-7145	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-7145_E230M (STIS.sp.820570)	(9) SK-7145	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-7145 (1 NUV orbit) (09)	2240 Secs (2240 Secs) *[==>]*	*[1]*
3	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 2-8 in SK-7145 (1 NUV orbit) (09)	155 Secs (155 Secs) *[==>]*	*[1]*
4	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-7145 (1 NUV orbit) (09)	348 Secs (348 Secs) *[==>]*	*[1]*
5	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-7145 (1 NUV orbit) (09)	348 Secs (348 Secs) *[==>]*	*[1]*
6	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10.0		Prime + Parallel Group 2-8 in SK-7145 (1 NUV orbit) (09)	348 Secs (348 Secs) *[==>]*	*[1]*
7	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-7145 (1 NUV orbit) (09)	348 Secs (348 Secs) *[==>]*	*[1]*
8	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9.0		Prime + Parallel Group 2-8 in SK-7145 (1 NUV orbit) (09)	120 Secs (120 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 14675, SK-69175 (NUV+FUV) (10), scheduling Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

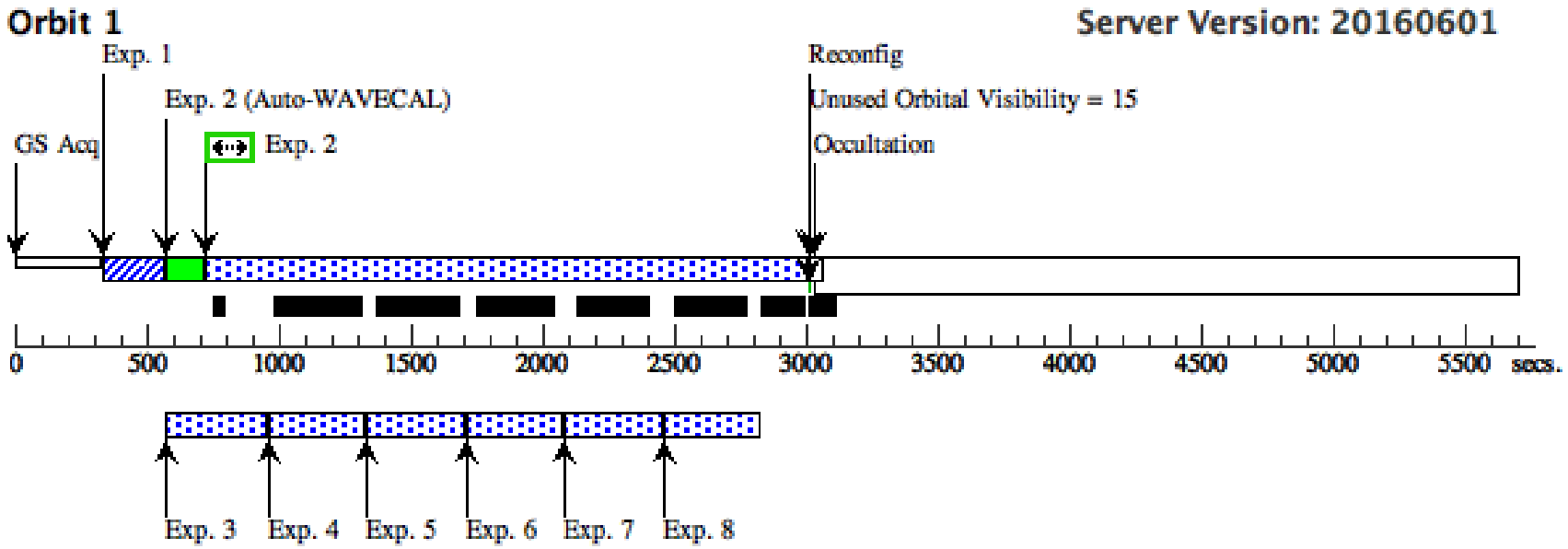
Fixed Targets

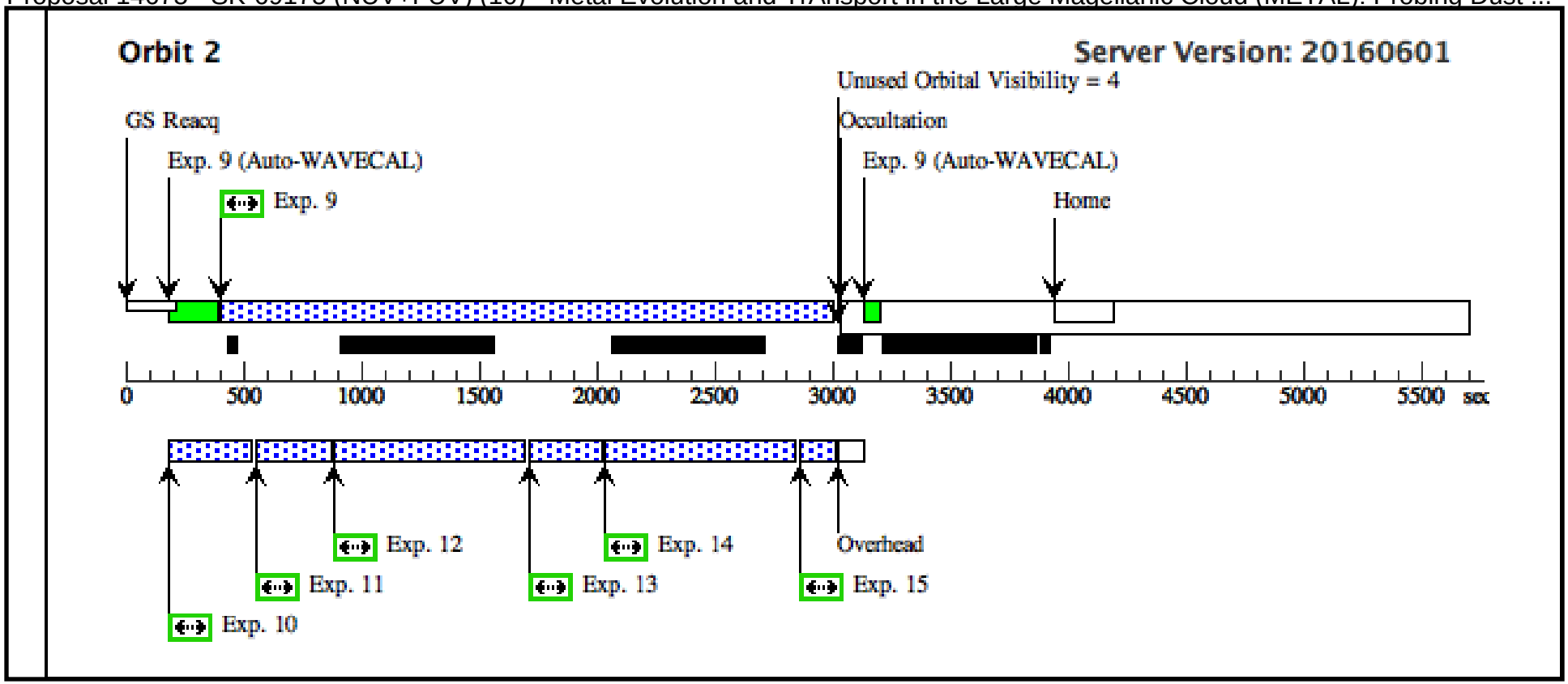
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	SK-69175	RA: 05 31 25.5450 (82.8564375d) Dec: -69 05 38.43 (-69.09401d) Equinox: J2000		V=11.9 Spt= WN11h FUV/G130M=1.2 e-12 FUV/G160M=8.0e-13 NU V flux=5.0e-13 EBV = 0.17	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-69175_ ACQ (STIS.ta.824 272)	(10) SK-69175	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-69175_ E140M (STIS.sp.82 4357)	(10) SK-69175	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Gro up 2-8 in SK-69175 (NUV+FUV) (10)	2260 Secs (2260 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69175 (NUV+FUV) (10)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69175 (NUV+FUV) (10)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69175 (NUV+FUV) (10)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69175 (NUV+FUV) (10)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69175 (NUV+FUV) (10)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69175 (NUV+FUV) (10)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-69175_ E230M (STIS.sp.82 4364)	(10) SK-69175	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 9-15 in SK-69175 (NUV+FUV) (10)	2585 Secs (2585 Secs) *[==>]*	***[2]***
10	F336W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-69175 (NUV+FUV) (10)	200 Secs (200 Secs) *[==>]*	***[2]***
11	F336W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-69175 (NUV+FUV) (10)	200 Secs (200 Secs) *[==>]*	***[2]***
12	F275W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10		Prime + Parallel Gro up 9-15 in SK-69175 (NUV+FUV) (10)	670 Secs (670 Secs) *[==>]*	***[2]***
13	F475W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=8.0		Prime + Parallel Gro up 9-15 in SK-69175 (NUV+FUV) (10)	160 Secs (160 Secs) *[==>]*	***[2]***
14	F225W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10.0		Prime + Parallel Gro up 9-15 in SK-69175 (NUV+FUV) (10)	670 Secs (670 Secs) *[==>]*	***[2]***
15	F814W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-69175 (NUV+FUV) (10)	130 Secs (130 Secs) *[==>]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Unused Orbital Visibility = 4
GS Reacq
Occultation
Exp. 9 (Auto-WAVECAL)
Exp. 9 (Auto-WAVECAL)
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12
Exp. 14
Overhead
Exp. 11
Exp. 13
Exp. 15
Exp. 10

Visit

Proposal 14675, SK-672 (NUV+FUV) PART I (63), implementation Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

Fixed Targets

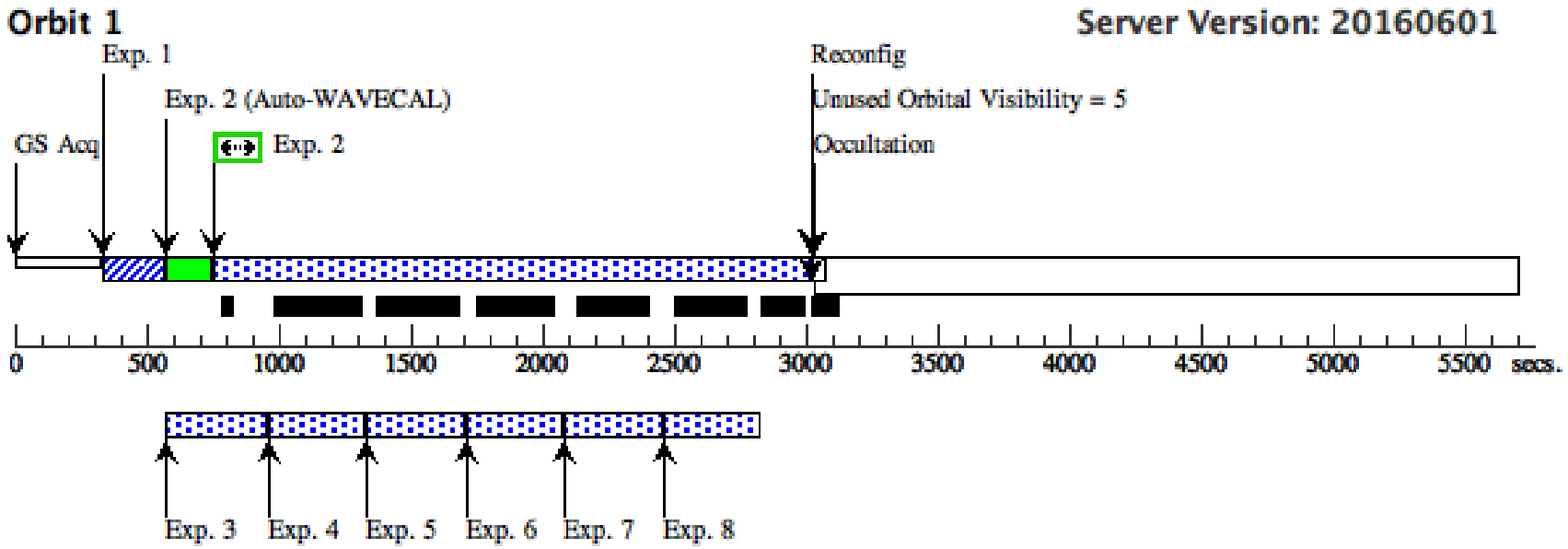
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	SK-672	RA: 04 47 4.4470 (71.7685292d) Dec: -67 06 53.09 (-67.11475d) Equinox: J2000		V=11.3 Spt= B1Ia+ FUV/G130M=4.0e-13 FUV/G160M=4.0e-13 NUV flux=4.0e-13 EBV= 0.26	Reference Frame: ICRS

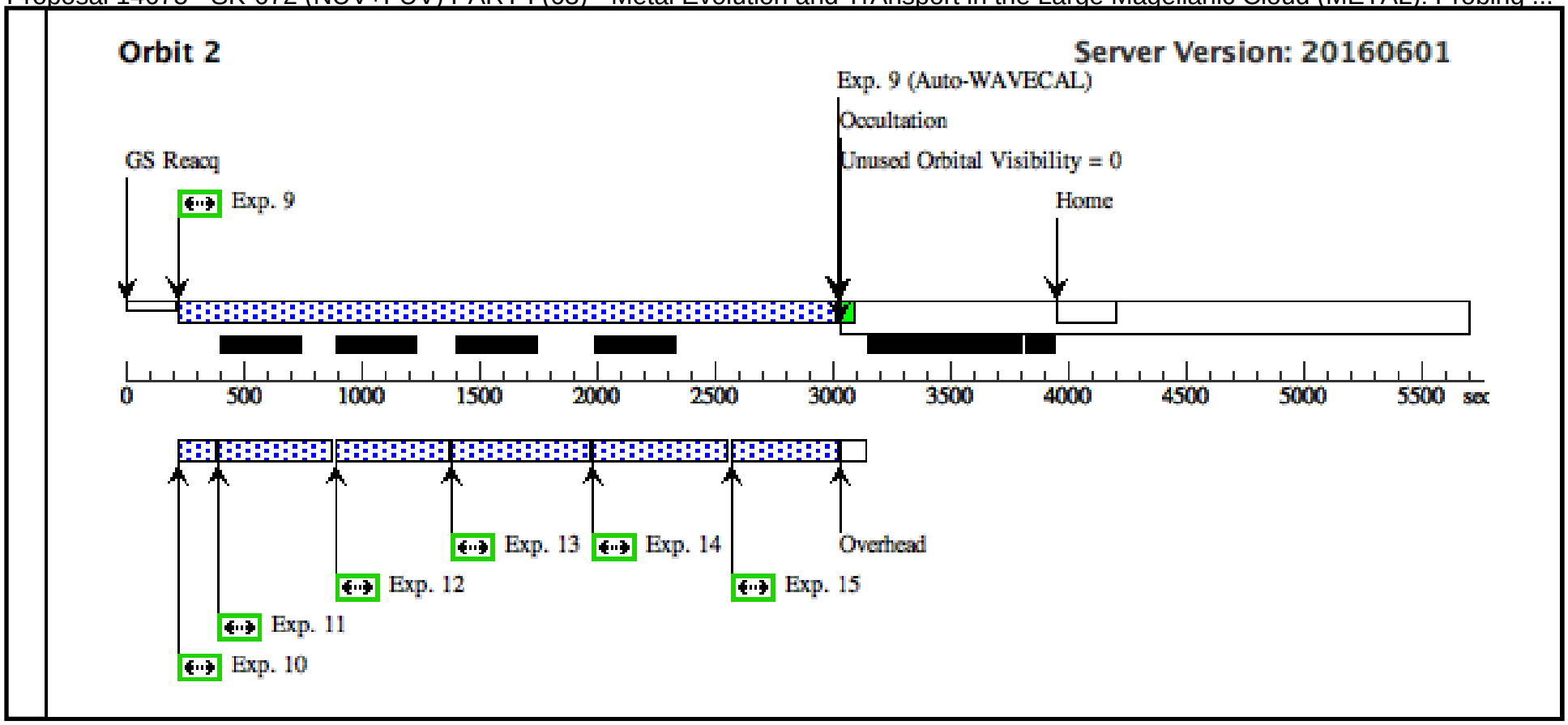
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-672_ACQ (STIS.ta.824358)	(11) SK-672	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-672_E230M (STIS.sp.824362)	(11) SK-672	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART I (63)	2240 Secs (2240 Secs) *[==>]*	*[1]*
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART I (63)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART I (63)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART I (63)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART I (63)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART I (63)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART I (63)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
9	SK-672_E230M (STIS.sp.824362)	(11) SK-672	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART I (63)	2770 Secs (2770 Secs) *[==>]*	*[2]*
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART I (63)	5 Secs (5 Secs) *[==>]*	*[2]*
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART I (63)	360 Secs (360 Secs) *[==>]*	*[2]*
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART I (63)	360 Secs (360 Secs) *[==>]*	*[2]*
13	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART I (63)	450 Secs (450 Secs) *[==>]*	*[2]*
14	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART I (63)	450 Secs (450 Secs) *[==>]*	*[2]*

	15	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART I (63)	449 Secs (449 Secs) *[==>]*	 ***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10

Visit

Proposal 14675, SK-672 (NUV+FUV) PART II (64), implementation Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%; SAME ORIENT AS 63; GROUP 64,63 WITHIN 40D

Fixed Targets

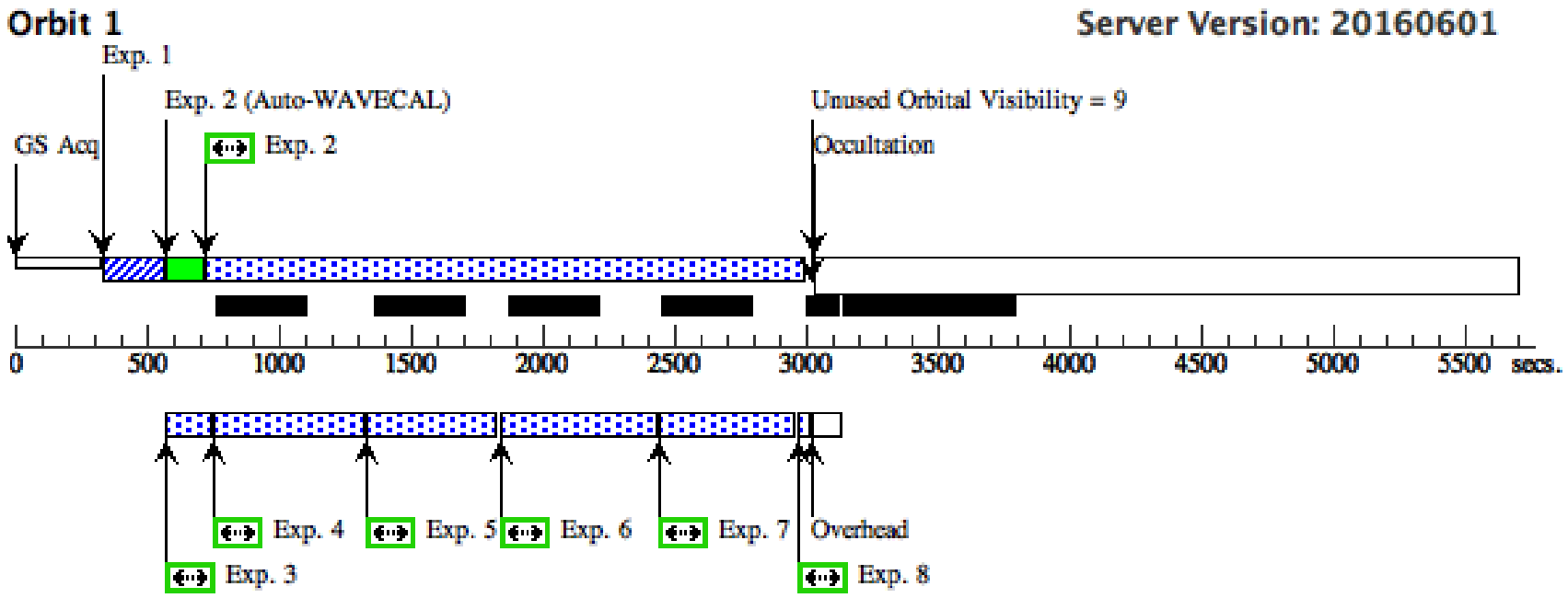
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	SK-672	RA: 04 47 4.4470 (71.7685292d) Dec: -67 06 53.09 (-67.11475d) Equinox: J2000		V=11.3 Spt= B1Ia+ FUV/G130M=4.0e-13 FUV/G160M=4.0e-13 NUV flux=4.0e-13 EBV= 0.26	Reference Frame: ICRS

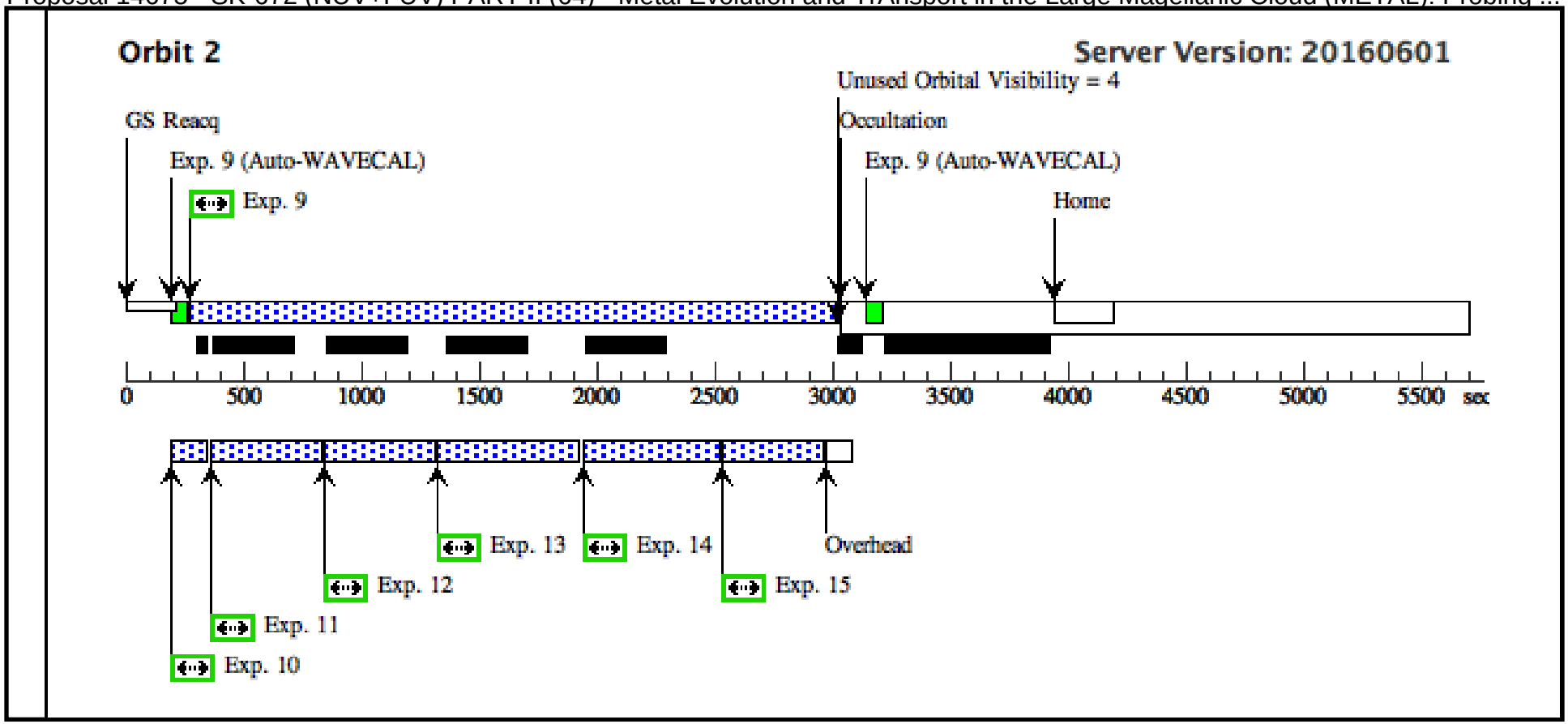
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-672_ACQ (STIS.ta.824358)	(11) SK-672	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-672_E140M (STIS.sp.824363)	(11) SK-672	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART II (64)	2250 Secs (2250 Secs) *[==>]*	***[1]***
3	F336W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART II (64)	10 Secs (10 Secs) *[==>]*	***[1]***
4	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART II (64)	450 Secs (450 Secs) *[==>]*	***[1]***
5	F225W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=11		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART II (64)	350 Secs (350 Secs) *[==>]*	***[1]***
6	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART II (64)	440 Secs (440 Secs) *[==>]*	***[1]***
7	F336W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART II (64)	392 Secs (392 Secs) *[==>]*	***[1]***
8	F275W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-672 (NUV+FUV) PART II (64)	15 Secs (15 Secs) *[==>]*	***[1]***
9	SK-672_E140M (STIS.sp.824363)	(11) SK-672	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART II (64)	2720 Secs (2720 Secs) *[==>]*	***[2]***
10	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART II (64)	10 Secs (10 Secs) *[==>]*	***[2]***
11	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART II (64)	350 Secs (350 Secs) *[==>]*	***[2]***
12	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART II (64)	350 Secs (350 Secs) *[==>]*	***[2]***
13	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART II (64)	455 Secs (455 Secs) *[==>]*	***[2]***
14	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART II (64)	455 Secs (455 Secs) *[==>]*	***[2]***

	15	F275W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 9-15 in SK-672 (NUV+FUV) PART II (64)	429 Secs (429 Secs) *[==>]*	 ***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Unused Orbital Visibility = 4
GS Reacq
Occultation
Exp. 9 (Auto-WAVECAL)
Exp. 9 (Auto-WAVECAL)
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10

Visit

Proposal 14675, PGMW3120 (2 NUV orbits with M and L) (12), scheduling Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Fixed Targets

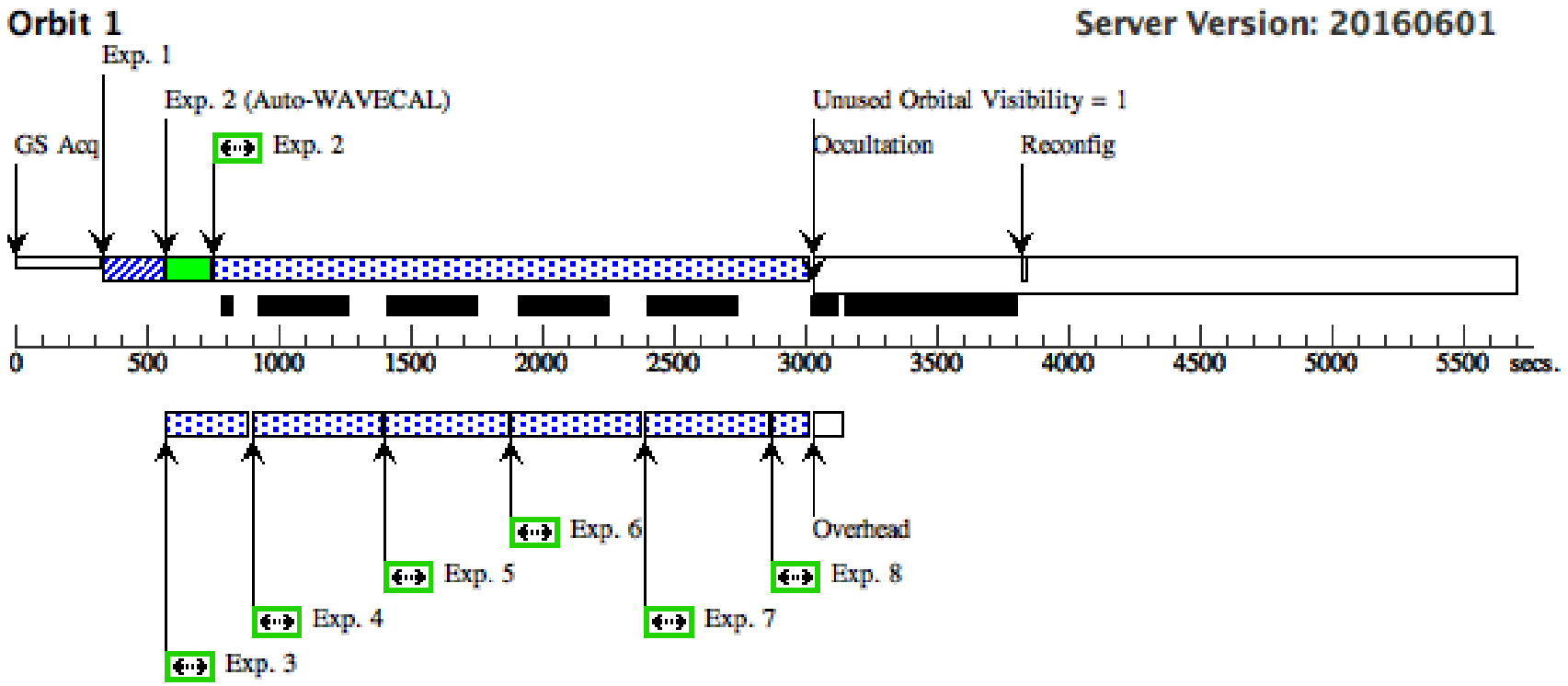
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	PGMW3120	RA: 04 56 46.8120 (74.1950500d) Dec: -66 24 46.72 (-66.41298d) Equinox: J2000		V=12.8 Spt= O5.5V((f*)) FUV/G130M =5.0e-13 FUV/G160M=0.e+0 N UV flux=0.e+0 EBV = 0.25	Reference Frame: ICRS

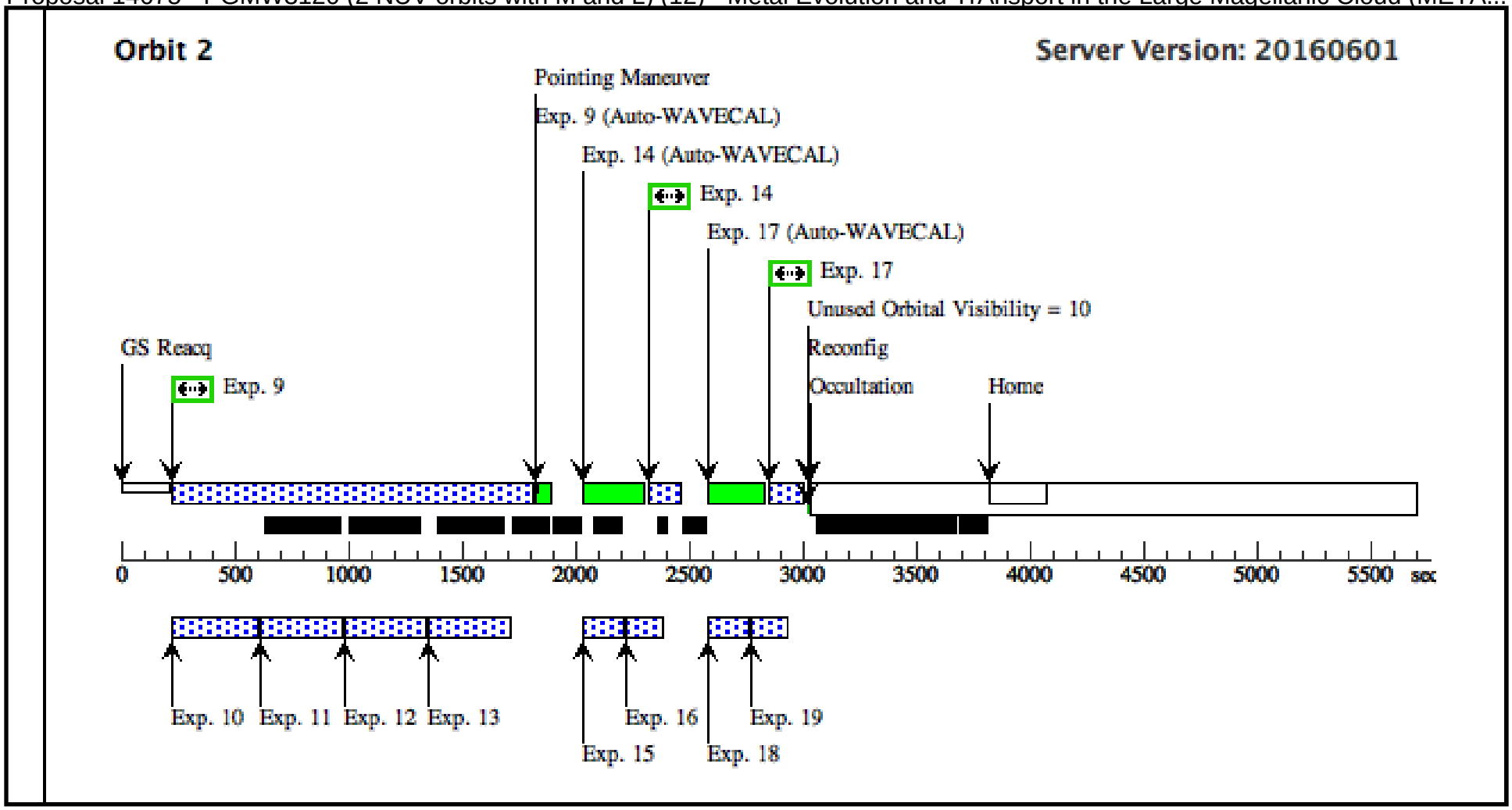
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	PGMW3120_ACQ (STIS.ta.824554)	(12) PGMW3120	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	PGMW3120_E230M (STIS.sp.824556)	(12) PGMW3120	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in PGMW3120 (2 NUV orbits with M and L) (12)	2240 Secs (2240 Secs) *[==>]*	***[1]***
3	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 2-8 in PGMW3120 (2 NUV orbits with M and L) (12)	155 Secs (155 Secs) *[==>]*	***[1]***
4	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in PGMW3120 (2 NUV orbits with M and L) (12)	348 Secs (348 Secs) *[==>]*	***[1]***
5	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in PGMW3120 (2 NUV orbits with M and L) (12)	348 Secs (348 Secs) *[==>]*	***[1]***
6	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10.0		Prime + Parallel Group 2-8 in PGMW3120 (2 NUV orbits with M and L) (12)	348 Secs (348 Secs) *[==>]*	***[1]***
7	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in PGMW3120 (2 NUV orbits with M and L) (12)	348 Secs (348 Secs) *[==>]*	***[1]***
8	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9.0		Prime + Parallel Group 2-8 in PGMW3120 (2 NUV orbits with M and L) (12)	120 Secs (120 Secs) *[==>]*	***[1]***
9	PGMW3120_E230M (STIS.sp.824556)	(12) PGMW3120	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-13 in PGMW3120 (2 NUV orbits with M and L) (12)	1570 Secs (1570 Secs) *[==>]*	***[2]***
10	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 9-13 in PGMW3120 (2 NUV orbits with M and L) (12)	349.232932 Secs (349.233 Secs) *[==>]*	***[2]***
11	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 9-13 in PGMW3120 (2 NUV orbits with M and L) (12)	349.232932 Secs (349.233 Secs) *[==>]*	***[2]***
12	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 9-13 in PGMW3120 (2 NUV orbits with M and L) (12)	349.232932 Secs (349.233 Secs) *[==>]*	***[2]***
13	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 9-13 in PGMW3120 (2 NUV orbits with M and L) (12)	349.232932 Secs (349.233 Secs) *[==>]*	***[2]***
14	PGMW3120_G230L (STIS.sp.824557)	(12) PGMW3120	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A			Prime + Parallel Group 14-16 in PGMW3120 (2 NUV orbits with M and L) (12)	100 Secs (100 Secs) *[==>]*	***[2]***

	15	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=STEP50	Prime + Parallel Group 14-16 in PGMW3120 (2 NUV orbits with M and L) (12)	149.231128 Secs (149.231 Secs) *[==>]*	***[2]***
	16	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=STEP50	Prime + Parallel Group 14-16 in PGMW3120 (2 NUV orbits with M and L) (12)	149.231128 Secs (149.231 Secs) *[==>]*	***[2]***
	17	PGMW3120_G140L (STIS.sp.824561)	(12) PGMW3120	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A		Prime + Parallel Group 17-19 in PGMW3120 (2 NUV orbits with M and L) (12)	100 Secs (100 Secs) *[==>]*	***[2]***
	18	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=STEP50	Prime + Parallel Group 17-19 in PGMW3120 (2 NUV orbits with M and L) (12)	149.231128 Secs (149.231 Secs) *[==>]*	***[2]***
	19	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=STEP50	Prime + Parallel Group 17-19 in PGMW3120 (2 NUV orbits with M and L) (12)	149.231128 Secs (149.231 Secs) *[==>]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Pointing Maneuver
Exp. 9 (Auto-WAVECAL)
Exp. 14 (Auto-WAVECAL)
Exp. 14
Exp. 17 (Auto-WAVECAL)
Exp. 17
Unused Orbital Visibility = 10
GS Reacq
Reconfig
Exp. 9
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 10
Exp. 11
Exp. 12
Exp. 13
Exp. 16
Exp. 19
Exp. 15
Exp. 18

Visit

Proposal 14675, SK-67105(2 NUV orbits-L removed (13), scheduling Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

Fixed Targets

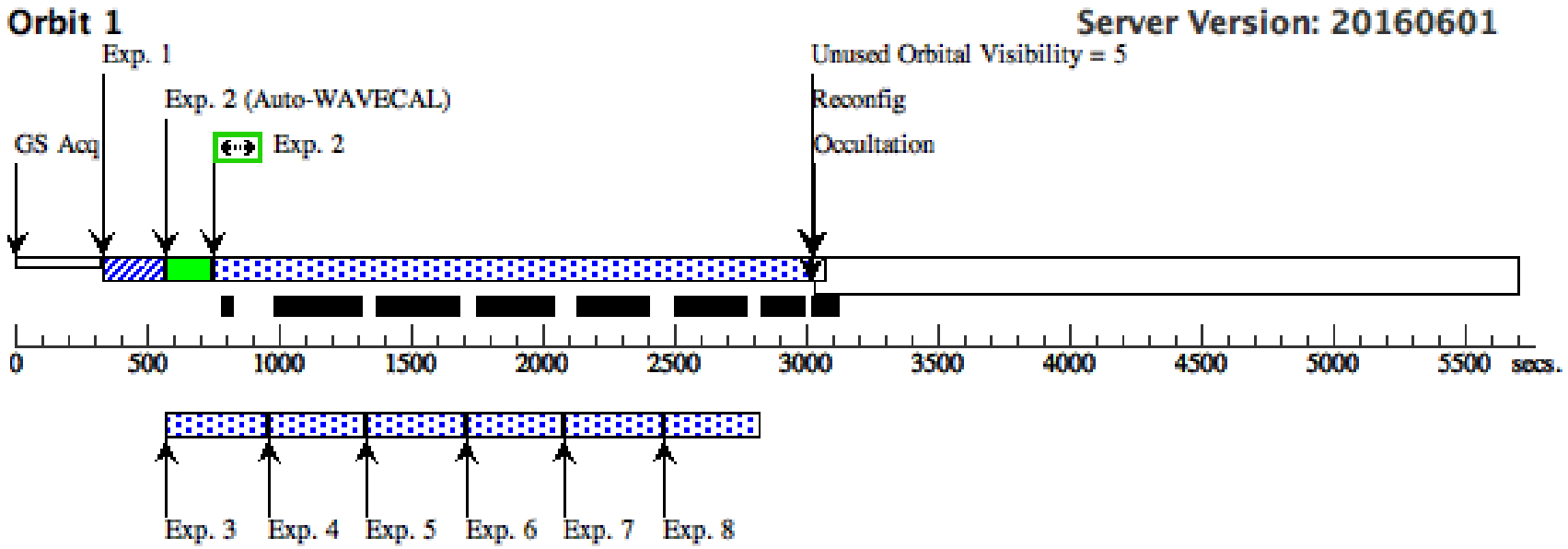
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	SK-67105	RA: 05 26 6.1900 (81.5257917d) Dec: -67 10 56.79 (-67.18244d) Equinox: J2000		V=12.4 Spt= O4f+O6V FUV/G130M=1.5e-12 FUV/G160M=1.0e-12 NUV flux=0.e+0 EBV = 0.17	Reference Frame: ICRS

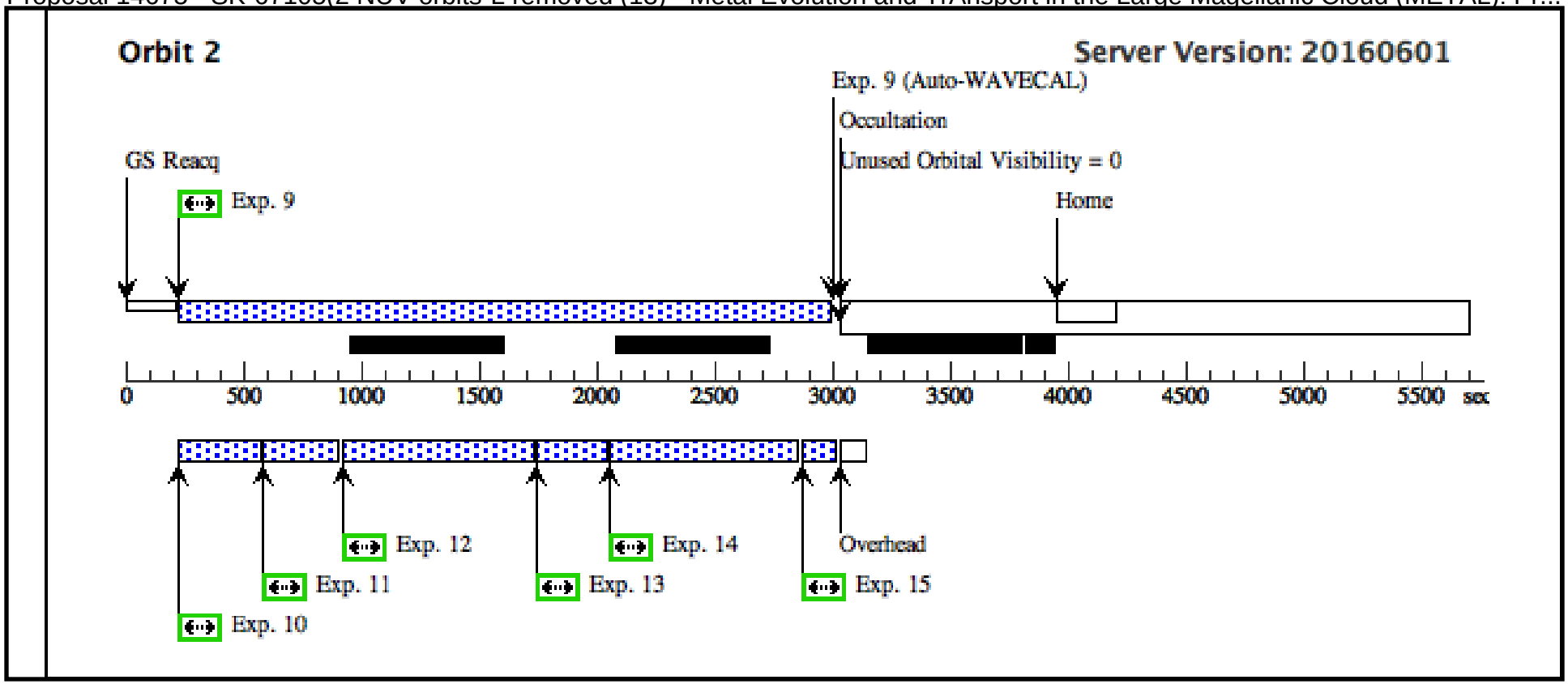
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-67105_ ACQ (STIS.ta.824 625)	(13) SK-67105	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-67105_ E230M (STIS.sp.82 4639)	(13) SK-67105	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 2-8 in SK-67105(2 NUV orbits-L rem oved (13)	2240 Secs (2240 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-67105(2 NUV orbits-L rem oved (13)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-67105(2 NUV orbits-L rem oved (13)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-67105(2 NUV orbits-L rem oved (13)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-67105(2 NUV orbits-L rem oved (13)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-67105(2 NUV orbits-L rem oved (13)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-67105(2 NUV orbits-L rem oved (13)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-67105_ E230M (STIS.sp.82 4639)	(13) SK-67105	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 9-15 in SK-67105 (2 NUV orbits-L rem oved (13)	2750 Secs (2750 Secs) *[==>]*	***[2]***
10	F336W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-67105 (2 NUV orbits-L rem oved (13)	200 Secs (200 Secs) *[==>]*	***[2]***
11	F336W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-67105 (2 NUV orbits-L rem oved (13)	200 Secs (200 Secs) *[==>]*	***[2]***
12	F275W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10		Prime + Parallel Gro up 9-15 in SK-67105 (2 NUV orbits-L rem oved (13)	664 Secs (664 Secs) *[==>]*	***[2]***
13	F475W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=8.0		Prime + Parallel Gro up 9-15 in SK-67105 (2 NUV orbits-L rem oved (13)	150 Secs (150 Secs) *[==>]*	***[2]***
14	F225W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10.0		Prime + Parallel Gro up 9-15 in SK-67105 (2 NUV orbits-L rem oved (13)	664 Secs (664 Secs) *[==>]*	***[2]***

	15	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11	Prime + Parallel Group 9-15 in SK-67105 (2 NUV orbits-L removed (13)	120 Secs (120 Secs) *[==>]*	 ***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12
Exp. 14
Overhead
Exp. 11
Exp. 13
Exp. 15
Exp. 10

Visit

Proposal 14675, BI173 (NUV+FUV + L) (14), scheduling Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Fixed Targets

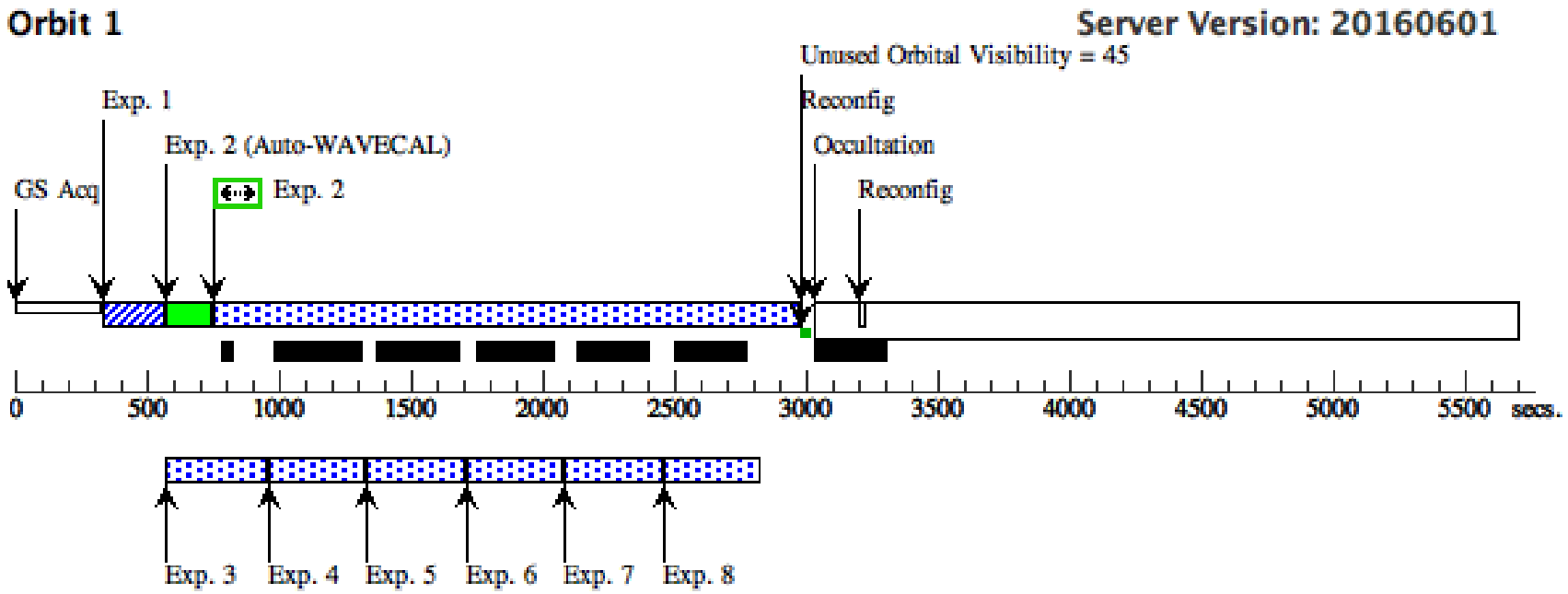
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	BI173	RA: 05 27 9.9330 (81.7913875d) Dec: -69 07 56.37 (-69.13232d) Equinox: J2000		V=13.0 Spt= O8.5II(f) FUV/G130M=7.0e-13 FUV/G160M=5.0e-13 NUV flux=0.e+0 EBV = 0.15	Reference Frame: ICRS

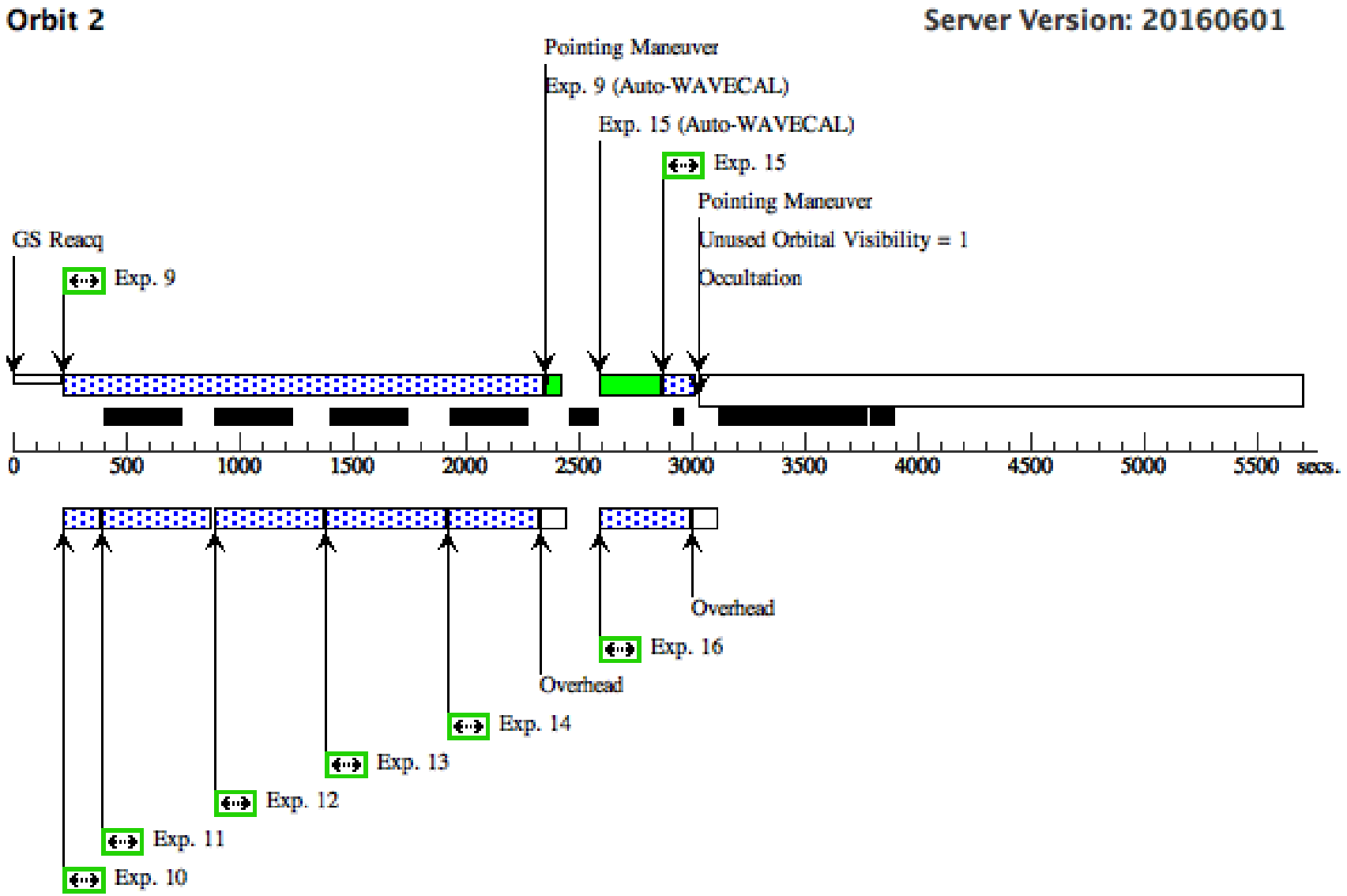
Exposures

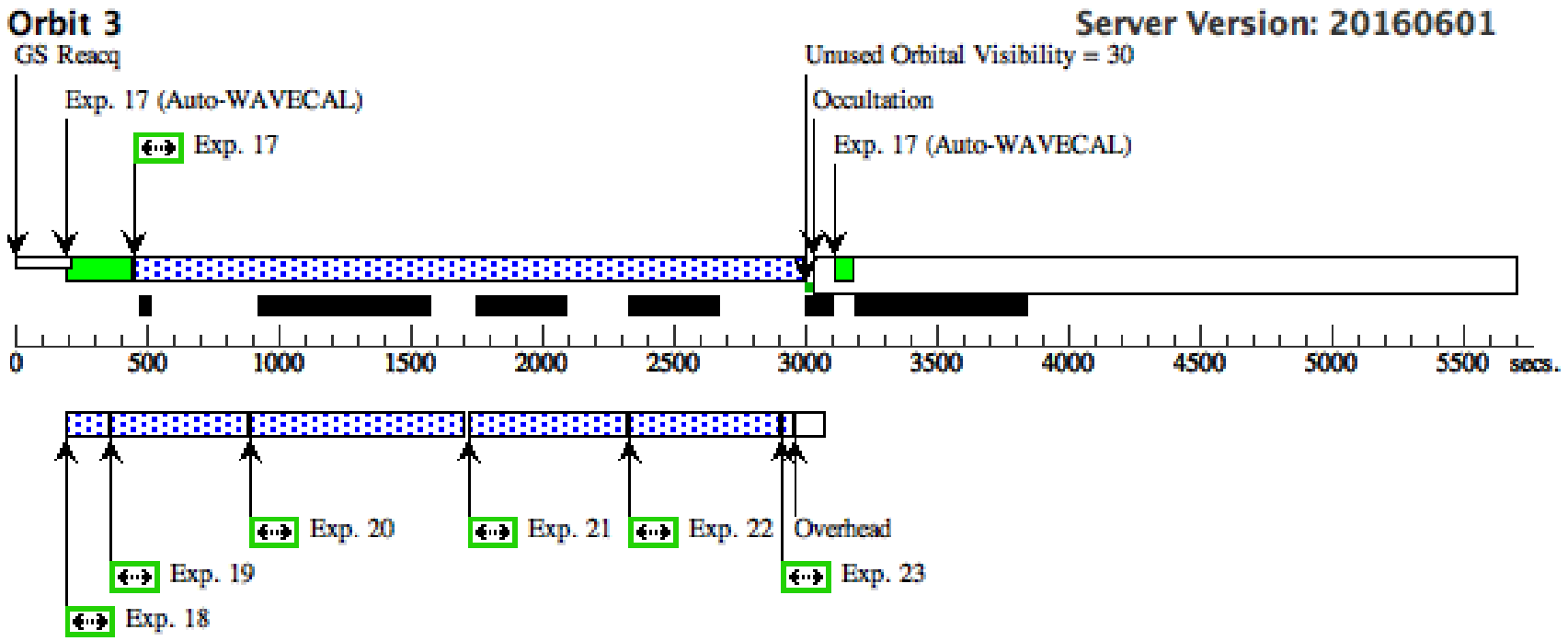
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BI173_ACQ (STIS.ta.824666)	(14) BI173	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	BI173_E230M (STIS.sp.824670)	(14) BI173	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in BI173 (NUV+FUV + L) (14)	2200 Secs (2200 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI173 (NUV+FUV + L) (14)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI173 (NUV+FUV + L) (14)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI173 (NUV+FUV + L) (14)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI173 (NUV+FUV + L) (14)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI173 (NUV+FUV + L) (14)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI173 (NUV+FUV + L) (14)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	BI173_E230M (STIS.sp.824670)	(14) BI173	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-14 in BI173 (NUV+FUV + L) (14)	2100 Secs (2100 Secs) *[==>]*	***[2]***
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-14 in BI173 (NUV+FUV + L) (14)	5 Secs (5 Secs) *[==>]*	***[2]***
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-14 in BI173 (NUV+FUV + L) (14)	360 Secs (360 Secs) *[==>]*	***[2]***
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-14 in BI173 (NUV+FUV + L) (14)	360 Secs (360 Secs) *[==>]*	***[2]***
13	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-14 in BI173 (NUV+FUV + L) (14)	390 Secs (390 Secs) *[==>]*	***[2]***
14	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-14 in BI173 (NUV+FUV + L) (14)	400 Secs (400 Secs) *[==>]*	***[2]***
15	BI173_G230L (STIS.sp.824674)	(14) BI173	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A			Prime + Parallel Group 15-16 in BI173 (NUV+FUV + L) (14)	100 Secs (100 Secs) *[==>]*	***[2]***
16	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 15-16 in BI173 (NUV+FUV + L) (14)	400 Secs (400 Secs) *[==>]*	***[2]***

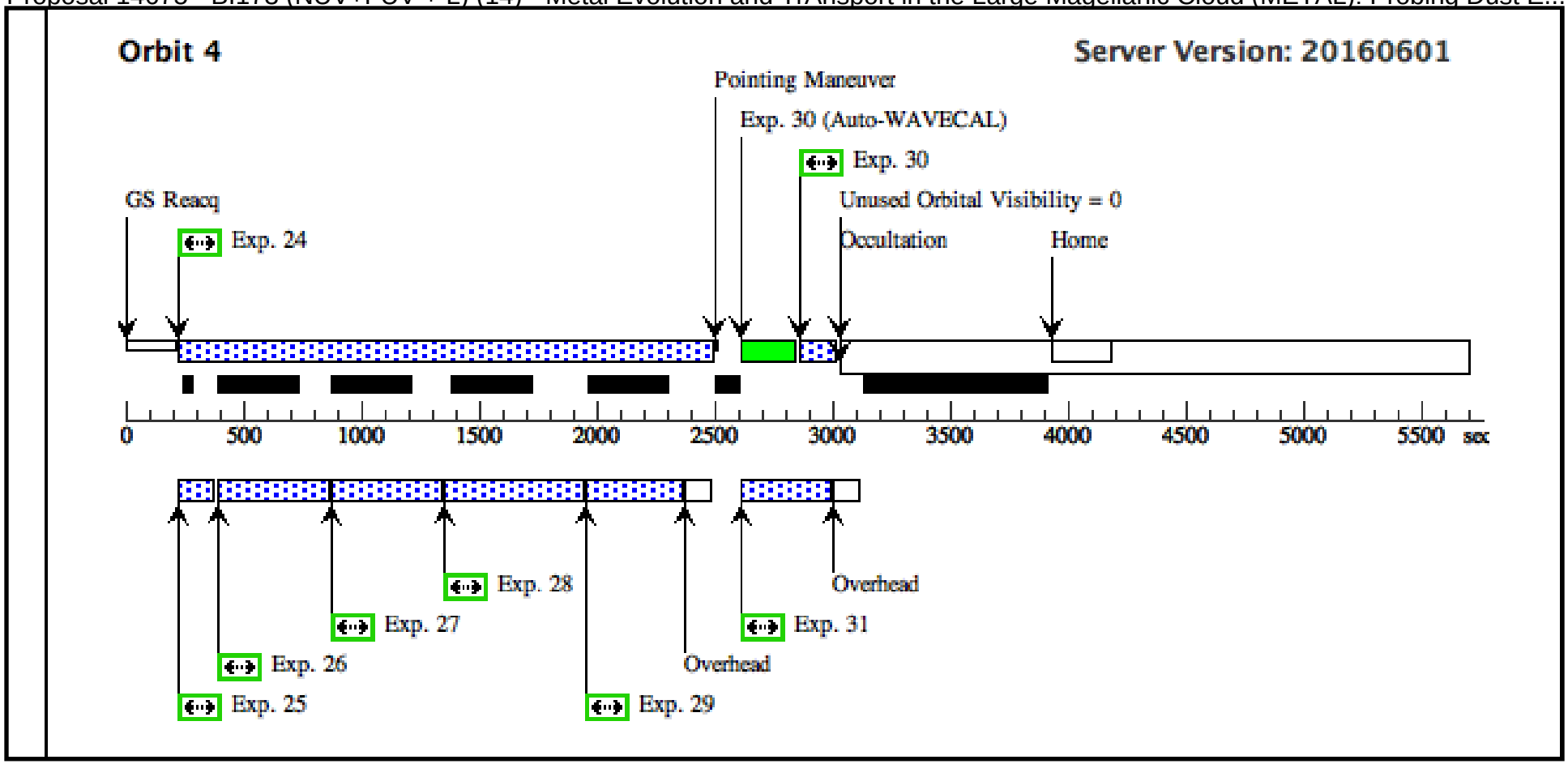
	17	BI173_E140M (STIS.sp.824671)	(14) BI173	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A		Prime + Parallel Group 17-23 in BI173 (NUV+FUV + L) (14)	2520 Secs (2520 Secs) [==>]	[3]
	18	F336W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11	Prime + Parallel Group 17-23 in BI173 (NUV+FUV + L) (14)	10 Secs (10 Secs) [==>]	[3]
	19	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 17-23 in BI173 (NUV+FUV + L) (14)	400 Secs (400 Secs) [==>]	[3]
	20	F225W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 17-23 in BI173 (NUV+FUV + L) (14)	670 Secs (670 Secs) [==>]	[3]
	21	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 17-23 in BI173 (NUV+FUV + L) (14)	450 Secs (450 Secs) [==>]	[3]
	22	F336W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 17-23 in BI173 (NUV+FUV + L) (14)	450 Secs (450 Secs) [==>]	[3]
	23	F275W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 17-23 in BI173 (NUV+FUV + L) (14)	15 Secs (15 Secs) [==>]	[3]
	24	BI173_E140M (STIS.sp.824671)	(14) BI173	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A		Prime + Parallel Group 24-29 in BI173 (NUV+FUV + L) (14)	2250 Secs (2250 Secs) [==>]	[4]
	25	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11	Prime + Parallel Group 24-29 in BI173 (NUV+FUV + L) (14)	10 Secs (10 Secs) [==>]	[4]
	26	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 24-29 in BI173 (NUV+FUV + L) (14)	350 Secs (350 Secs) [==>]	[4]
	27	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 24-29 in BI173 (NUV+FUV + L) (14)	350 Secs (350 Secs) [==>]	[4]
	28	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 24-29 in BI173 (NUV+FUV + L) (14)	440 Secs (440 Secs) [==>]	[4]
	29	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 24-29 in BI173 (NUV+FUV + L) (14)	410 Secs (410 Secs) [==>]	[4]
	30	BI173_G140L (STIS.sp.824675)	(14) BI173	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A		Prime + Parallel Group 30-31 in BI173 (NUV+FUV + L) (14)	100 Secs (100 Secs) [==>]	[4]
	31	F275W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 30-31 in BI173 (NUV+FUV + L) (14)	380 Secs (380 Secs) [==>]	[4]

Orbit Structure




Orbit 2
Server Version: 20160601
Pointing Maneuver
Exp. 9 (Auto-WAVECAL)
Exp. 15 (Auto-WAVECAL)
Exp. 15
Pointing Maneuver
Unused Orbital Visibility = 1
Occultation
GS Reacq
Exp. 9
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Overhead
Exp. 16
Overhead
Exp. 14
Exp. 13
Exp. 12
Exp. 11
Exp. 10


Orbit 3
Server Version: 20160601
GS Reacq
Exp. 17 (Auto-WAVECAL)
Exp. 17
Unused Orbital Visibility = 30
Occultation
Exp. 17 (Auto-WAVECAL)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 20
Exp. 21
Exp. 22
Overhead
Exp. 19
Exp. 23
Exp. 18


Orbit 4
Server Version: 20160601
Pointing Maneuver
Exp. 30 (Auto-WAVECAL)
Exp. 30
GS Reacq
Exp. 24
Unused Orbital Visibility = 0
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 28
Overhead
Exp. 27
Exp. 31
Exp. 26
Overhead
Exp. 25
Exp. 29

Visit

Proposal 14675, SK-66172 (NUV+FUV) PART I (69), implementation Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

Fixed Targets

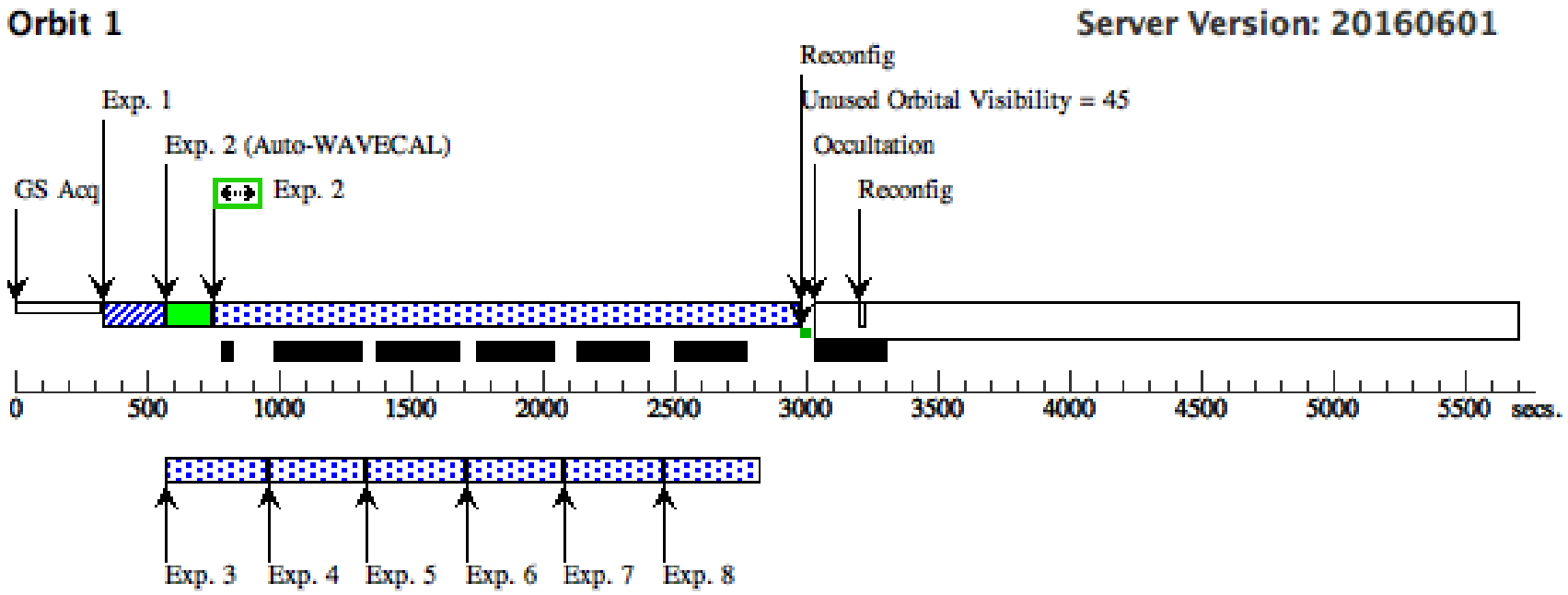
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	SK-66172	RA: 05 37 5.3940 (84.2724750d) Dec: -66 21 35.18 (-66.35977d) Equinox: J2000		V=13.1 Spt= O2III(f*)+OB FUV/G130M=7.5e-13 FUV/G160M=5.0e-13 NUV flux=2.5e-13 EBV = 0.18	Reference Frame: ICRS

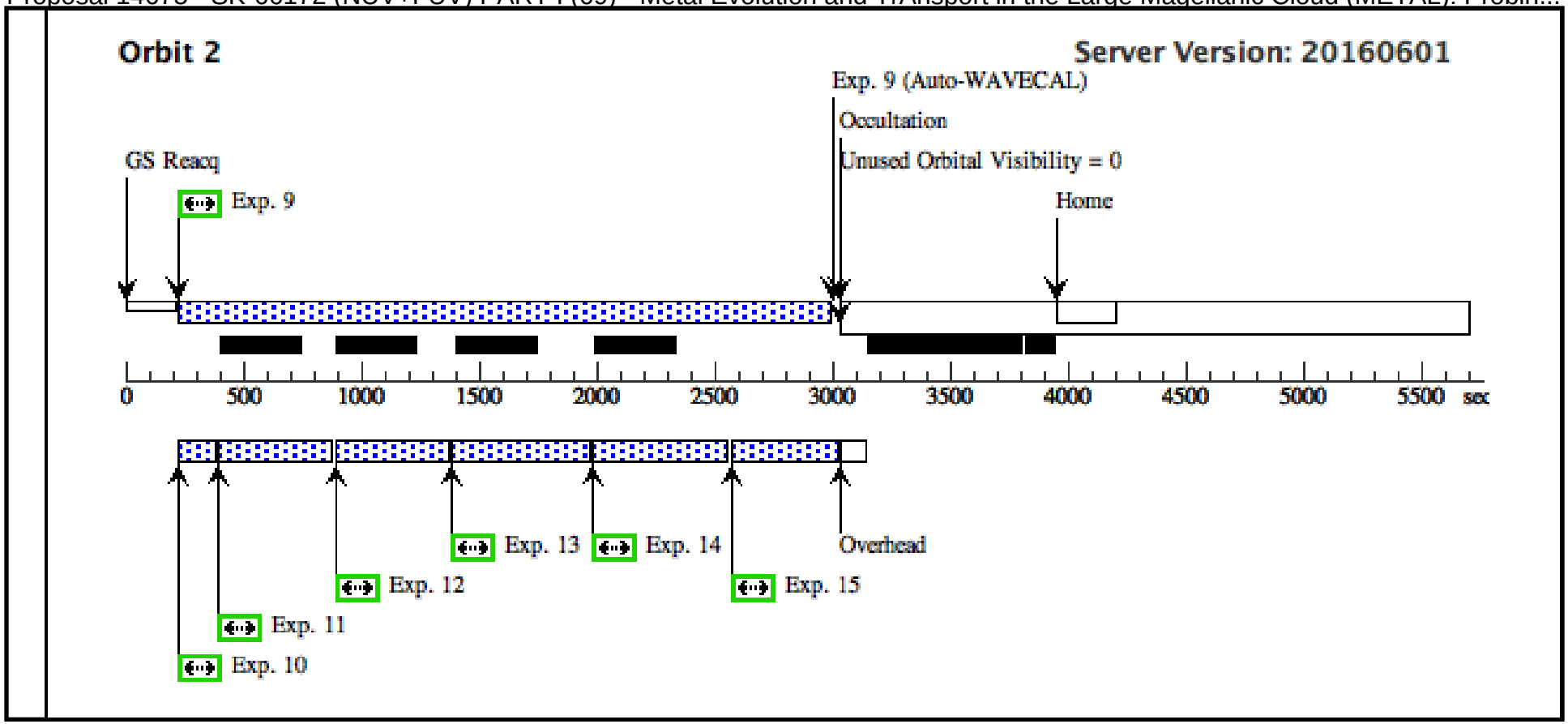
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-66172_ ACQ (STIS.ta.824 676)	(15) SK-66172	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-66172_ E230M (STIS.sp.82 4677)	(15) SK-66172	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART I (69)	2200 Secs (2200 Secs) *[==>]*	***[1]***
Comments: Has IUE spectrum with LARGE aperture									
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART I (69)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART I (69)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART I (69)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART I (69)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART I (69)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART I (69)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-66172_ E230M (STIS.sp.82 4677)	(15) SK-66172	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART I (69)	2750 Secs (2750 Secs) *[==>]*	***[2]***
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART I (69)	5 Secs (5 Secs) *[==>]*	***[2]***
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART I (69)	360 Secs (360 Secs) *[==>]*	***[2]***
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART I (69)	360 Secs (360 Secs) *[==>]*	***[2]***
13	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART I (69)	450 Secs (450 Secs) *[==>]*	***[2]***
14	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART I (69)	450 Secs (450 Secs) *[==>]*	***[2]***

	15	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART I (69)	449 Secs (449 Secs) *[==>]*	 ***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10

Visit

Proposal 14675, SK-66172 (NUV+FUV) PART II (70), implementation Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%; SAME ORIENT AS 69; GROUP 70,69 WITHIN 40D

Fixed Targets

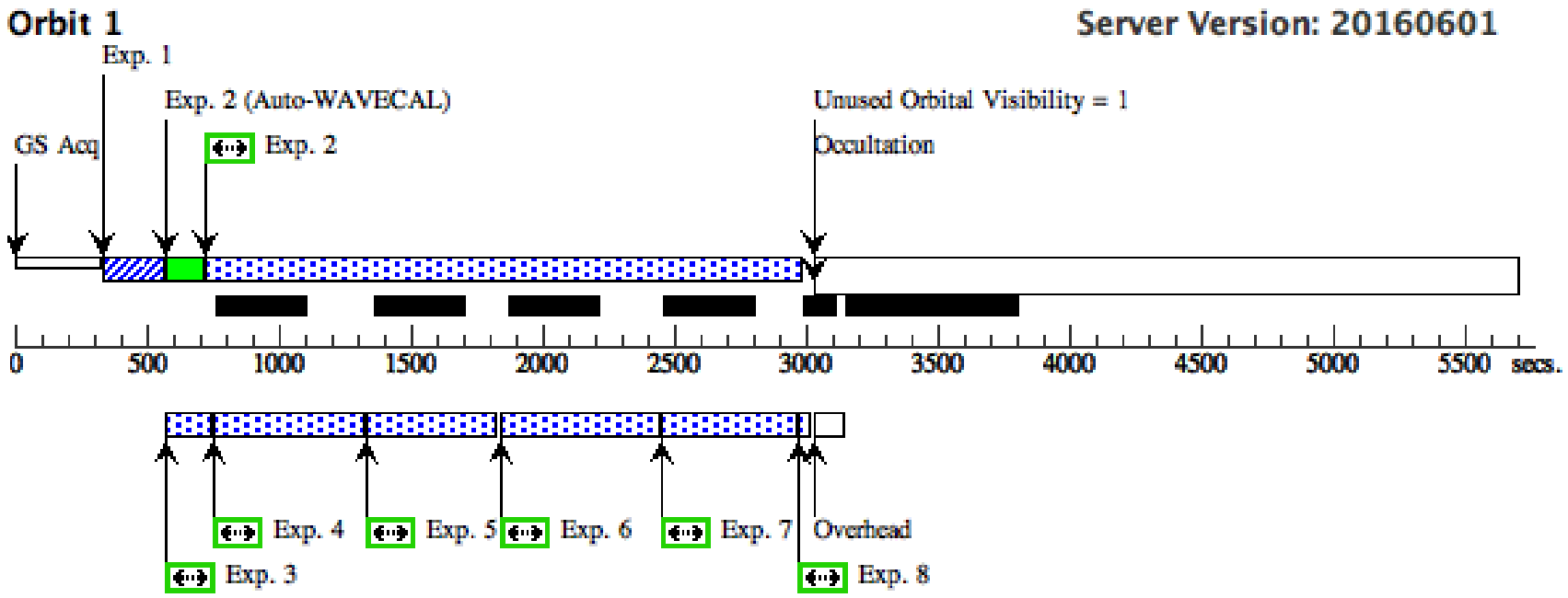
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	SK-66172	RA: 05 37 5.3940 (84.2724750d) Dec: -66 21 35.18 (-66.35977d) Equinox: J2000		V=13.1 Spt= O2III(f*)+OB FUV/G130M=7.5e-13 FUV/G160M=5.0e-13 NUV flux=2.5e-13 EBV = 0.18	Reference Frame: ICRS

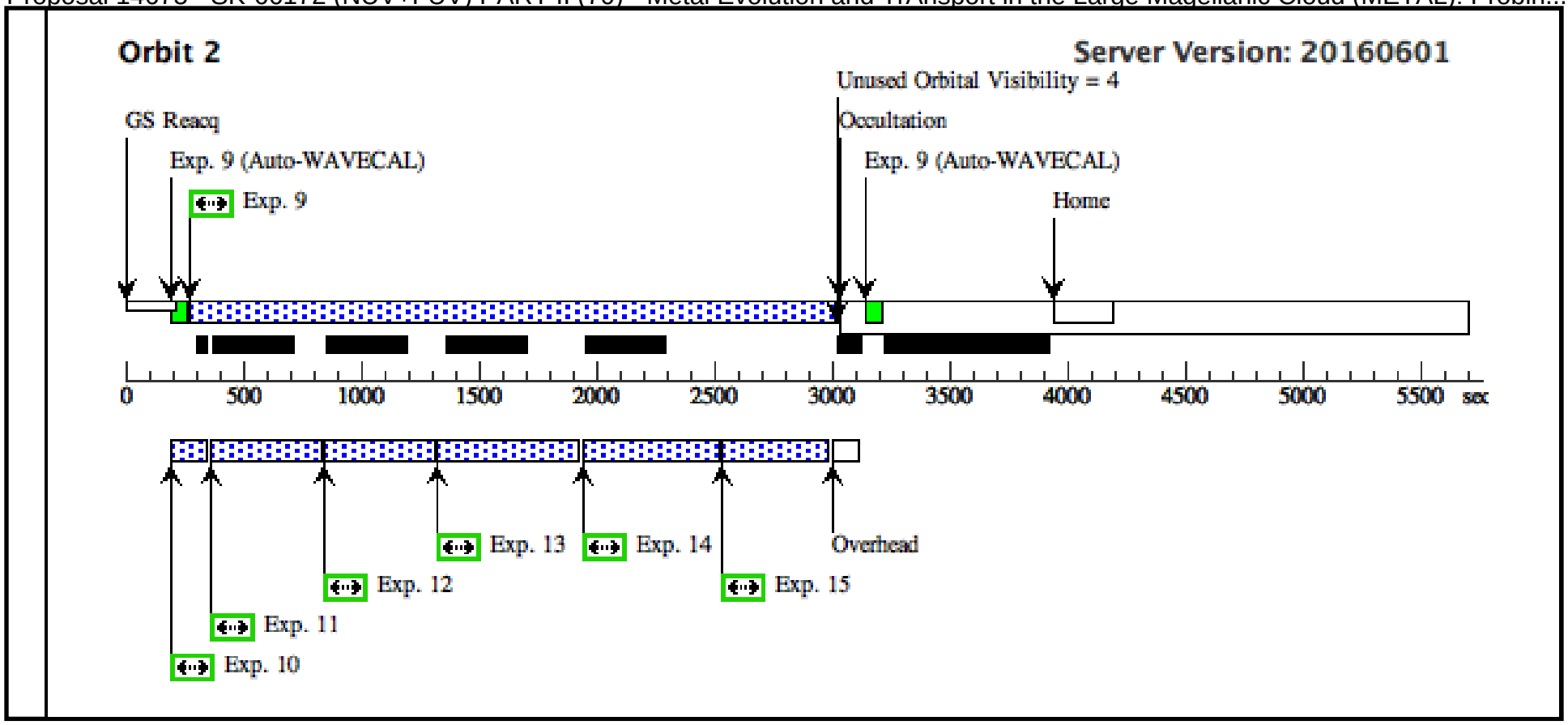
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-66172_ ACQ (STIS.ta.824 676)	(15) SK-66172	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-66172_ E140M (STIS.sp.82 4678)	(15) SK-66172	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART II (70)	2240 Secs (2240 Secs) *[==>]*	*[1]*
3	F336W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART II (70)	10 Secs (10 Secs) *[==>]*	*[1]*
4	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART II (70)	450 Secs (450 Secs) *[==>]*	*[1]*
5	F225W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=11		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART II (70)	350 Secs (350 Secs) *[==>]*	*[1]*
6	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART II (70)	450 Secs (450 Secs) *[==>]*	*[1]*
7	F336W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART II (70)	390 Secs (390 Secs) *[==>]*	*[1]*
8	F275W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-66172 (NUV+FUV) PART II (70)	15 Secs (15 Secs) *[==>]*	*[1]*
9	SK-66172_ E140M (STIS.sp.82 4678)	(15) SK-66172	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART II (70)	2720 Secs (2720 Secs) *[==>]*	*[2]*
10	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART II (70)	10 Secs (10 Secs) *[==>]*	*[2]*
11	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART II (70)	350 Secs (350 Secs) *[==>]*	*[2]*
12	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART II (70)	350 Secs (350 Secs) *[==>]*	*[2]*
13	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART II (70)	455 Secs (455 Secs) *[==>]*	*[2]*
14	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART II (70)	455 Secs (455 Secs) *[==>]*	*[2]*

	15	F275W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 9-15 in SK-66172 (NUV+FUV) PART II (70)	455 Secs (455 Secs) *[==>]*	 ***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Unused Orbital Visibility = 4
GS Reacq
Occultation
Exp. 9 (Auto-WAVECAL)
Exp. 9 (Auto-WAVECAL)
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10

Visit

Proposal 14675, SK-69246 (1 NUV orbit) (16), scheduling Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

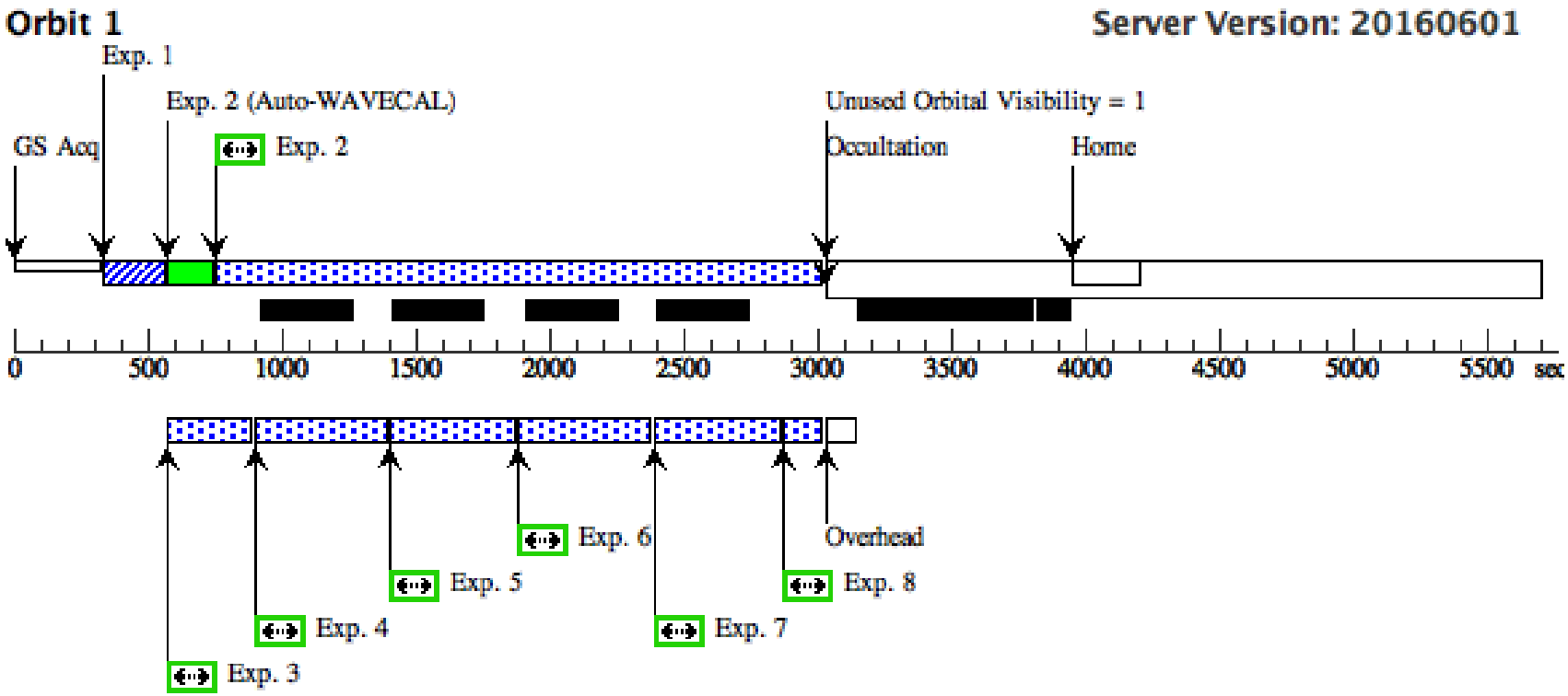
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	SK-69246	RA: 05 38 53.3867 (84.7224446d) Dec: -69 02 0.77 (-69.03355d) Equinox: J2000		V=11.1 Spt= WN6h FUV/G130M=2.0e-12 FUV/G160M=1.5e-12 NUV flux=7.0e-13 EBV = 0.18	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	SK-69246_ACQ (STIS.ta.824679)	(16) SK-69246	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-69246_E230M (STIS.sp.824680)	(16) SK-69246	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-69246 (1 NUV orbit) (16)	2240 Secs (2240 Secs) *[==>]*	*[1]*
3	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 2-8 in SK-69246 (1 NUV orbit) (16)	155 Secs (155 Secs) *[==>]*	*[1]*
4	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-69246 (1 NUV orbit) (16)	348 Secs (348 Secs) *[==>]*	*[1]*
5	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-69246 (1 NUV orbit) (16)	348 Secs (348 Secs) *[==>]*	*[1]*
6	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10.0		Prime + Parallel Group 2-8 in SK-69246 (1 NUV orbit) (16)	348 Secs (348 Secs) *[==>]*	*[1]*
7	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-69246 (1 NUV orbit) (16)	348 Secs (348 Secs) *[==>]*	*[1]*
8	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9.0		Prime + Parallel Group 2-8 in SK-69246 (1 NUV orbit) (16)	120 Secs (120 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 14675, SK-70115 (2 NUV orbit) (17), scheduling Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

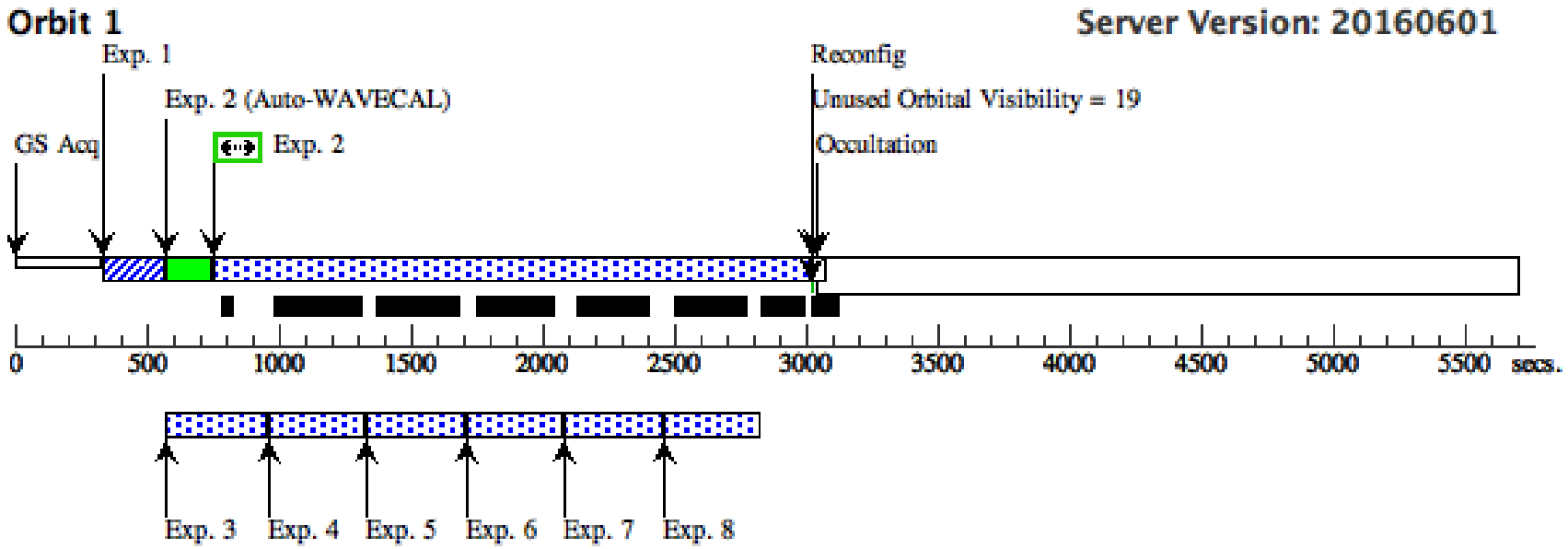
Fixed Targets

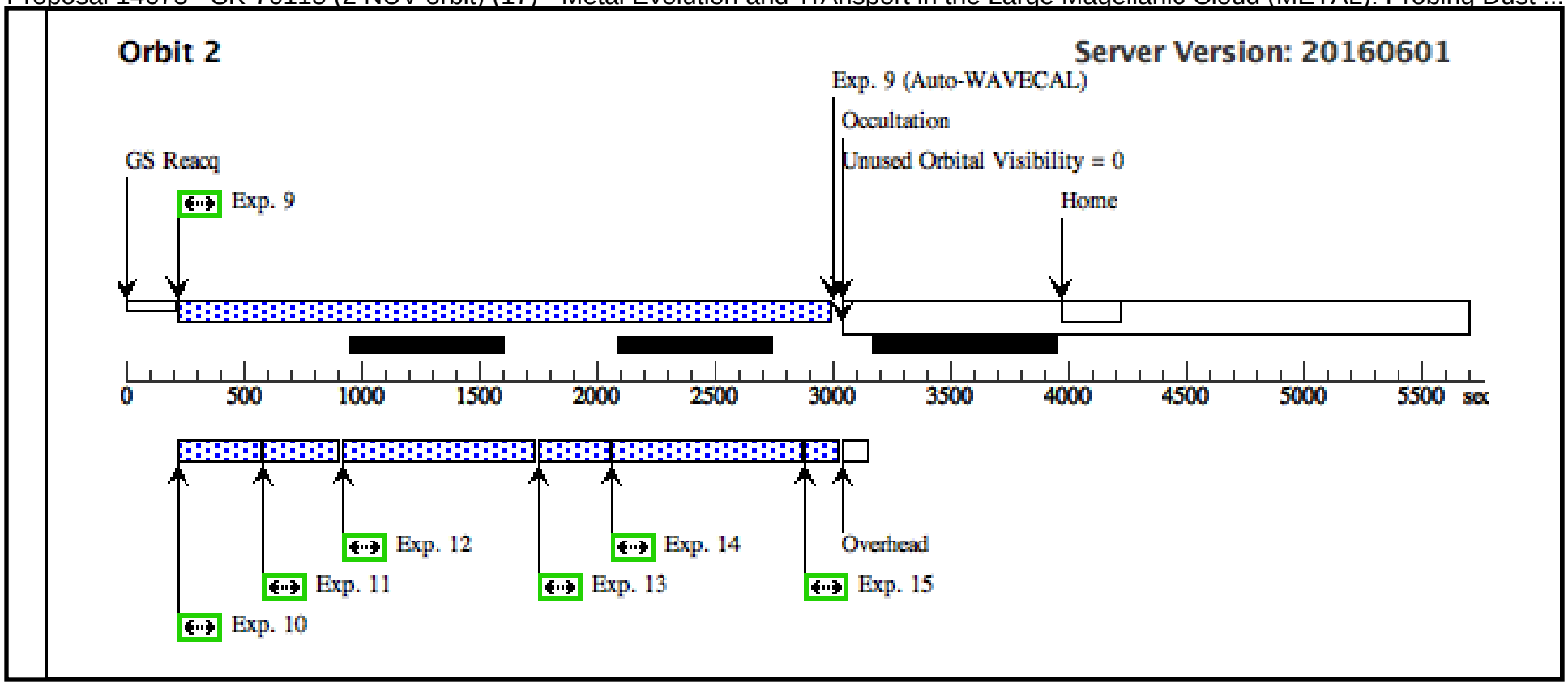
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(17)	SK-70115	RA: 05 48 49.6460 (87.2068583d) Dec: -70 03 57.91 (-70.06609d) Equinox: J2000		V=12.2 Spt= O6.5Iaf FUV/G130M=1.0 e-12 FUV/G160M=8.0e-13 NU V flux=4.0e-13 EBV = 0.2	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-70115_ ACQ (STIS.ta.824 682)	(17) SK-70115	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-70115_ E230M (STIS.sp.82 4683)	(17) SK-70115	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 2-8 in SK-70115 (2 NUV orbit) (17)	2240 Secs (2240 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-70115 (2 NUV orbit) (17)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-70115 (2 NUV orbit) (17)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-70115 (2 NUV orbit) (17)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-70115 (2 NUV orbit) (17)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-70115 (2 NUV orbit) (17)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-70115 (2 NUV orbit) (17)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-70115_ E230M (STIS.sp.82 4683)	(17) SK-70115	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 9-15 in SK-70115 (2 NUV orbit) (17)	2750 Secs (2750 Secs) *[==>]*	***[2]***
10	F336W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-70115 (2 NUV orbit) (17)	200 Secs (200 Secs) *[==>]*	***[2]***
11	F336W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-70115 (2 NUV orbit) (17)	200 Secs (200 Secs) *[==>]*	***[2]***
12	F275W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10		Prime + Parallel Gro up 9-15 in SK-70115 (2 NUV orbit) (17)	670 Secs (670 Secs) *[==>]*	***[2]***
13	F475W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=8.0		Prime + Parallel Gro up 9-15 in SK-70115 (2 NUV orbit) (17)	152 Secs (152 Secs) *[==>]*	***[2]***
14	F225W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10.0		Prime + Parallel Gro up 9-15 in SK-70115 (2 NUV orbit) (17)	670 Secs (670 Secs) *[==>]*	***[2]***
15	F814W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-70115 (2 NUV orbit) (17)	120 Secs (120 Secs) *[==>]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12
Exp. 14
Overhead
Exp. 11
Exp. 13
Exp. 15
Exp. 10

Visit

Proposal 14675, BI184 (NUV STIS+ L) (18), scheduling Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	BI184	RA: 05 30 30.6650 (82.6277708d) Dec: -71 02 31.56 (-71.04210d) Equinox: J2000		V=13.8 Spt= B0.5V FUV/G130M=2.2e-13 FUV/G160M=0.e+0 NUV flux=0.e+0 EBV=0.2	Reference Frame: ICRS

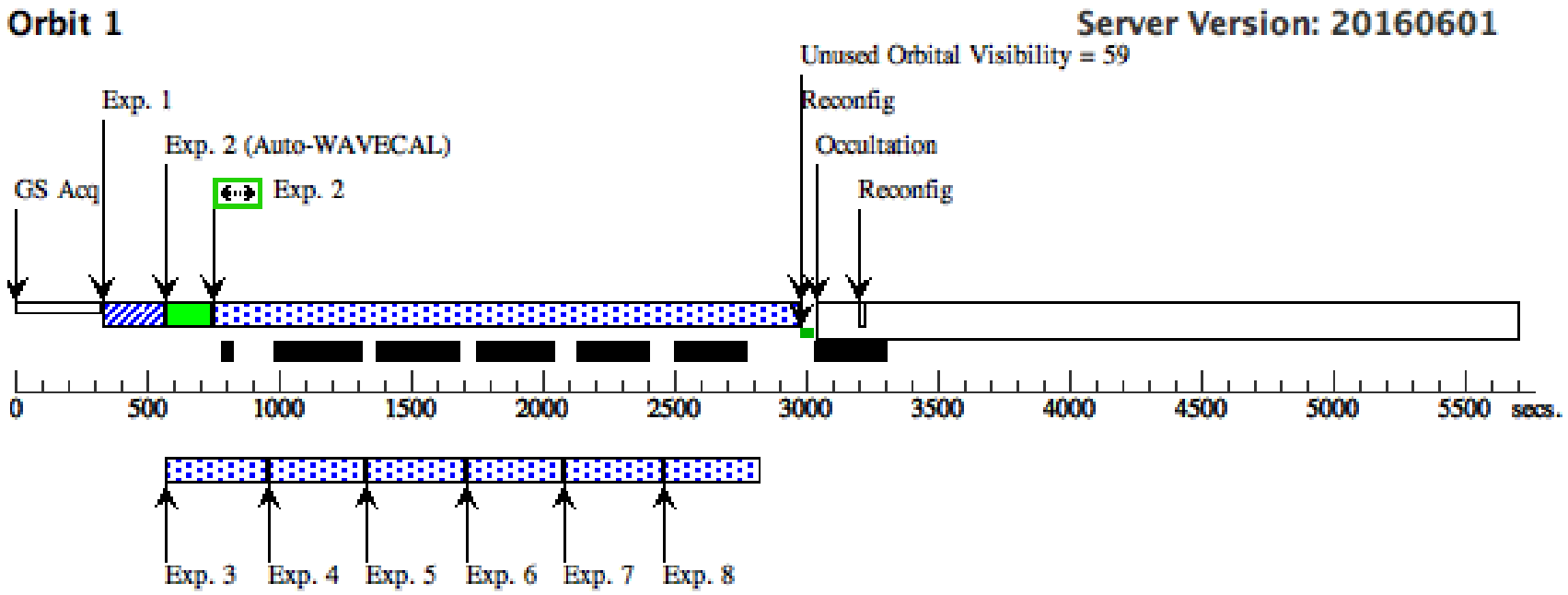
Comments: Extended=NO

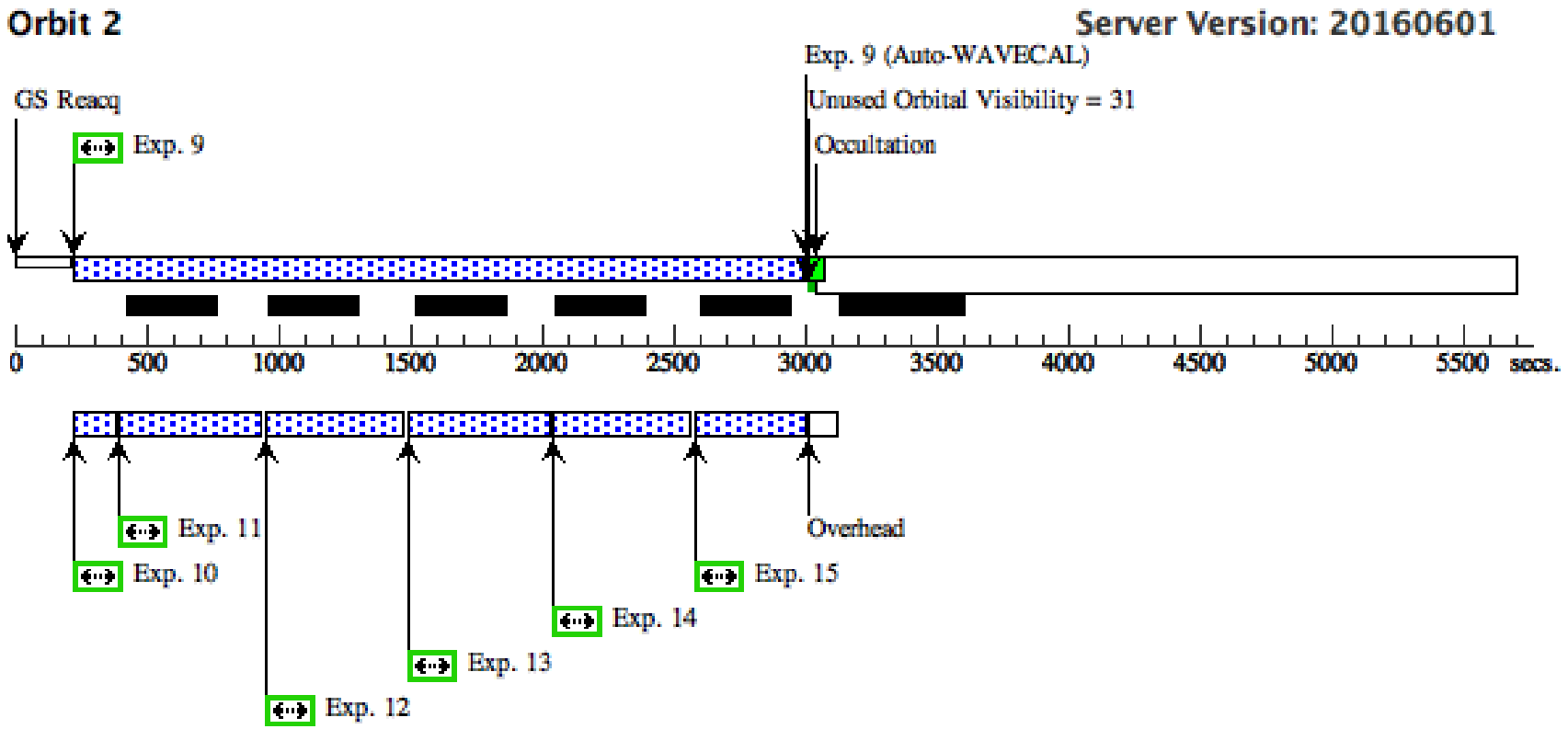
Exposures

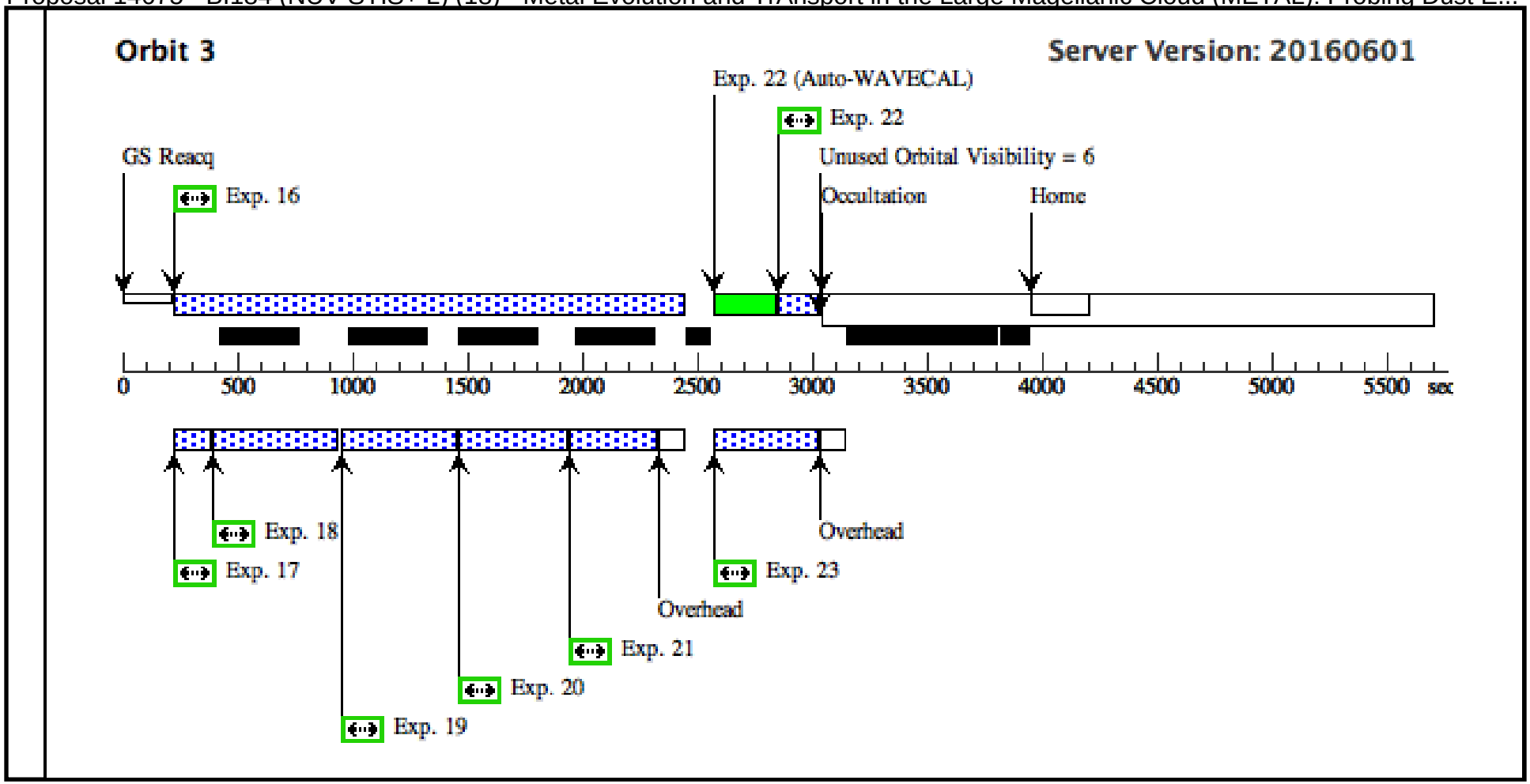
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BI184_ACQ	(18) BI184	STIS/CCD, ACQ, F28X50LP	MIRROR				0.2 Secs (0.2 Secs) *[==>]*	***[1]***
2	BI184_E230M (STIS.sp.823959)	(18) BI184	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in BI184 (NUV STIS+ L) (18)	2200 Secs (2200 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI184 (NUV STIS+ L) (18)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI184 (NUV STIS+ L) (18)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI184 (NUV STIS+ L) (18)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI184 (NUV STIS+ L) (18)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI184 (NUV STIS+ L) (18)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI184 (NUV STIS+ L) (18)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	BI184_E230M (STIS.sp.823959)	(18) BI184	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in BI184 (NUV STIS+ L) (18)	2750 Secs (2750 Secs) *[==>]*	***[2]***
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in BI184 (NUV STIS+ L) (18)	5 Secs (5 Secs) *[==>]*	***[2]***
11	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in BI184 (NUV STIS+ L) (18)	400 Secs (400 Secs) *[==>]*	***[2]***
12	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in BI184 (NUV STIS+ L) (18)	400 Secs (400 Secs) *[==>]*	***[2]***
13	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-15 in BI184 (NUV STIS+ L) (18)	400 Secs (400 Secs) *[==>]*	***[2]***
14	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-15 in BI184 (NUV STIS+ L) (18)	400 Secs (400 Secs) *[==>]*	***[2]***
15	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in BI184 (NUV STIS+ L) (18)	400 Secs (400 Secs) *[==>]*	***[2]***
16	BI184_E230M (STIS.sp.823959)	(18) BI184	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 16-21 in BI184 (NUV STIS+ L) (18)	2200 Secs (2200 Secs) *[==>]*	***[3]***
17	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Group 16-21 in BI184 (NUV STIS+ L) (18)	10 Secs (10 Secs) *[==>]*	***[3]***

	18	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-21 in BI184 (NUV STIS+ L) (18)	400 Secs (400 Secs) *[==>]*	 ***[3]***
	19	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4	Prime + Parallel Group 16-21 in BI184 (NUV STIS+ L) (18)	352 Secs (352 Secs) *[==>]*	 ***[3]***
	20	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4	Prime + Parallel Group 16-21 in BI184 (NUV STIS+ L) (18)	352 Secs (352 Secs) *[==>]*	 ***[3]***
	21	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 16-21 in BI184 (NUV STIS+ L) (18)	360 Secs (360 Secs) *[==>]*	 ***[3]***
	22	BI184_G230L (STIS.sp.824684)	(18) BI184	STIS/NUV-MAMA, ACCUM, 0.2X0.2	G230L 2376 A		Prime + Parallel Group 22-23 in BI184 (NUV STIS+ L) (18)	100 Secs (100 Secs) *[==>]*	 ***[3]***
	23	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=3	Prime + Parallel Group 22-23 in BI184 (NUV STIS+ L) (18)	450 Secs (450 Secs) *[==>]*	 ***[3]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 31
Exp. 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 11
Overhead
Exp. 10
Exp. 15
Exp. 14
Exp. 13
Exp. 12


Orbit 3
Server Version: 20160601
Exp. 22 (Auto-WAVECAL)
Exp. 22
GS Reacq
Unused Orbital Visibility = 6
Exp. 16
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 18
Overhead
Exp. 17
Exp. 23
Overhead
Exp. 21
Exp. 20
Exp. 19

Visit

Proposal 14675, BI184 COS (20), completed Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, COS/FUV

Special Requirements: SCHED 100%

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	BI184	RA: 05 30 30.6650 (82.6277708d) Dec: -71 02 31.56 (-71.04210d) Equinox: J2000		V=13.8 Spt= B0.5V FUV/G130M=2.2e-13 FUV/G160M=0.e+0 NUV flux=0.e+0 EBV=0.2	Reference Frame: ICRS

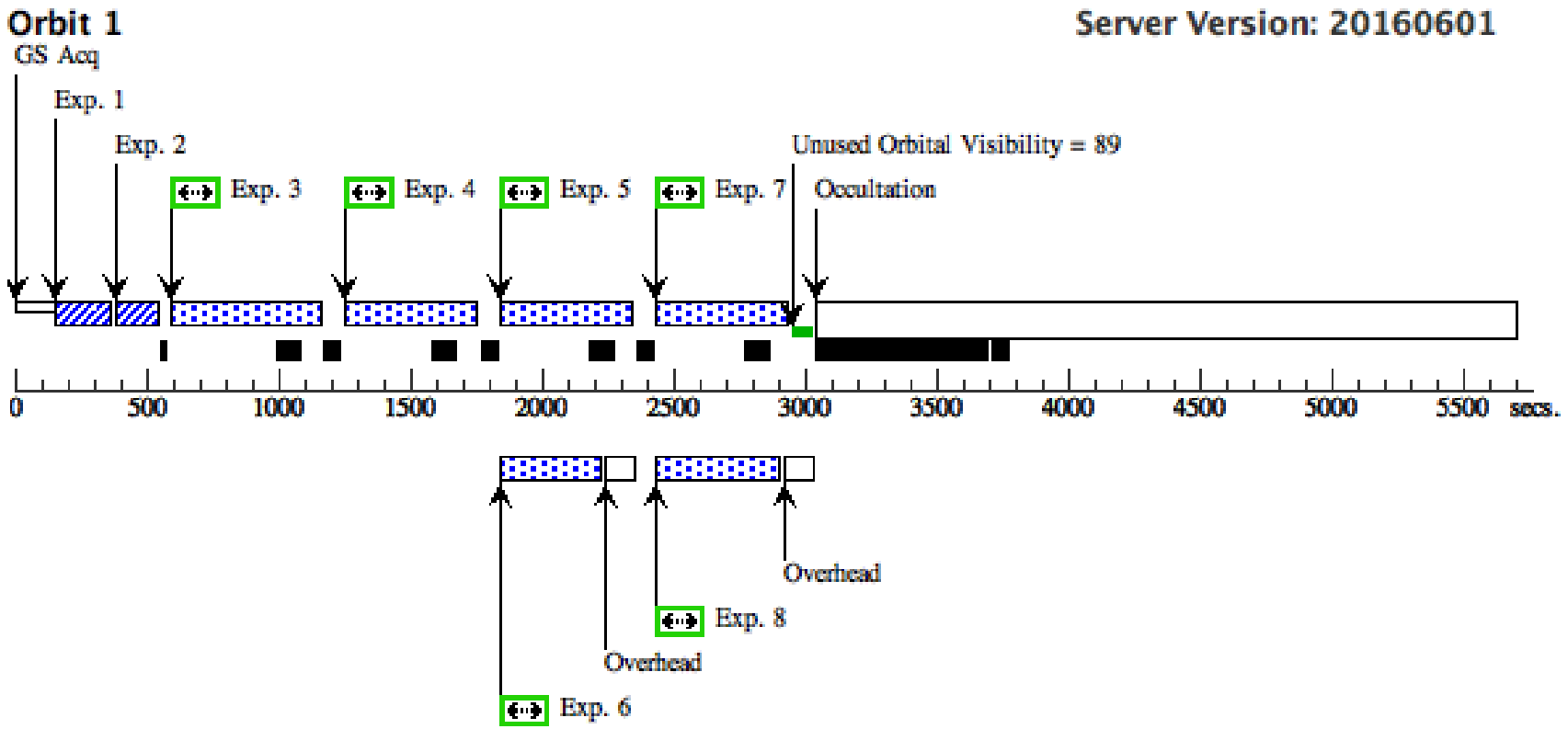
Comments: Extended=NO

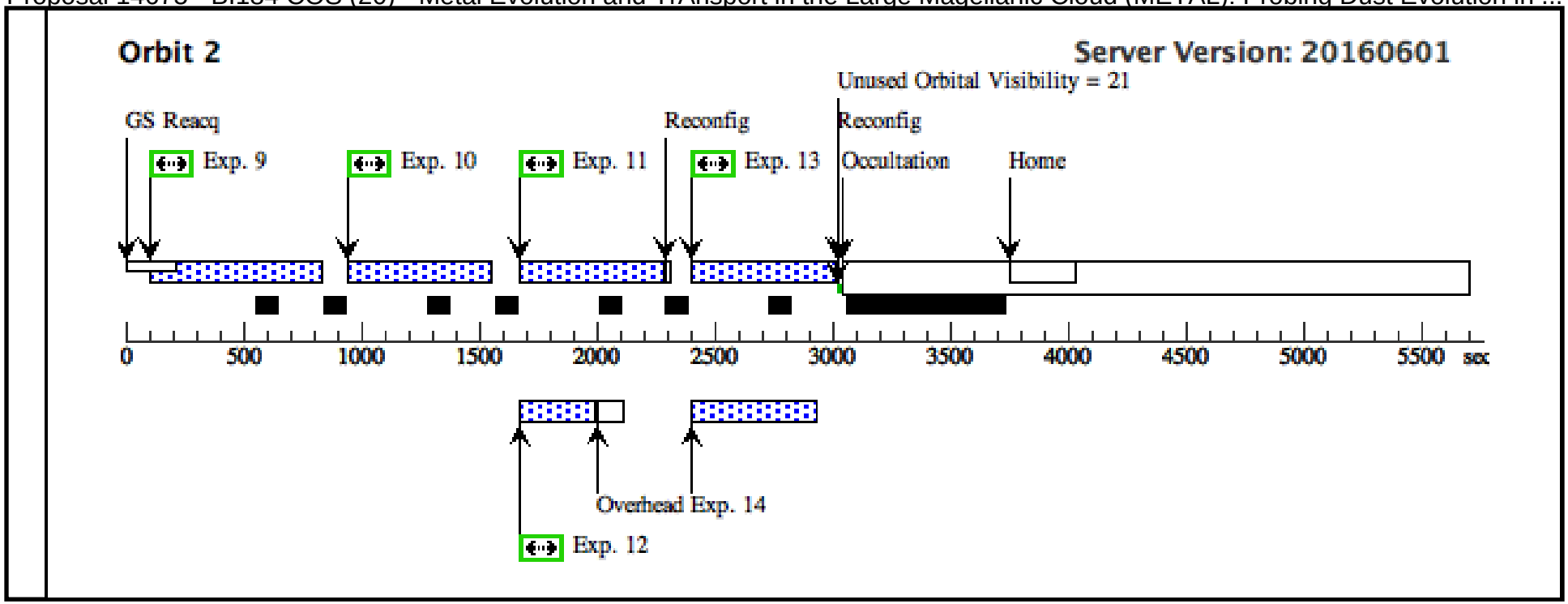
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BI184_ACQ_PEAKXD (COS.sa.828924)	(18) BI184	COS/FUV, ACQ/PEAKXD, PSA	G160M 1589 A				2.5 Secs (2.5 Secs) *[==>]*	***[1]***
	Comments: Below are BOP issues for ACQ/IMAGE with BOA/MIRRORA. Implemented dispersed light target acq to resolve BOP issues *H&S* *82.636589050293 -71.0453186035156 V=17.2751* *82.6236038208008 -71.0456924438477 no V* *82.623779296875 -71.0394821166992 = V = 17.4727* *82.6343154907227 -71.039680480957 no V* *Unknown:* *82.6387252807617 -71.045768737793 V = 17.3217* *82.6345443725586 -71.039505004882 no V* *82.6213760375977 -71.0428466796875 V = 16.9013*								
2	BI184_ACQ_PEAKD (COS.sa.828924)	(18) BI184	COS/FUV, ACQ/PEAKD, PSA	G160M 1589 A	NUM-POS=5; STEP-SIZE=0.9			2.5 Secs (2.5 Secs) *[==>]*	***[1]***
	Comments: H&S *82.636589050293 -71.0453186035156 V=17.2751* *82.6236038208008 -71.0456924438477 no V* *82.623779296875 -71.0394821166992 = V = 17.4727* *82.6343154907227 -71.039680480957 no V* *Unknown:* *82.6387252807617 -71.045768737793 V = 17.3217* *82.6345443725586 -71.039505004882 no V* *82.6213760375977 -71.0428466796875 V = 16.9013*								
3	BI184_COS_G160M (COS.sp.823962)	(18) BI184	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=1; BUFFER-TIME=300			450 Secs (450 Secs) *[==>]*	***[1]***
4	BI184_COS_G160M (COS.sp.823962)	(18) BI184	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=300			450 Secs (450 Secs) *[==>]*	***[1]***
5	BI184_COS_G160M (COS.sp.823962)	(18) BI184	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=300		Prime + Parallel Group 5-6 in BI184 COS (20)	450 Secs (450 Secs) *[==>]*	***[1]***
6		ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=5		Prime + Parallel Group 5-6 in BI184 COS (20)	350 Secs (350 Secs) *[==>]*	***[1]***
7	BI184_COS_G160M (COS.sp.823962)	(18) BI184	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=300		Prime + Parallel Group 7-8 in BI184 COS (20)	450 Secs (450 Secs) *[==>]*	***[1]***
8		ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10		Prime + Parallel Group 7-8 in BI184 COS (20)	450 Secs (450 Secs) *[==>]*	***[1]***
9	BI184_COS_G130M (COS.sp.823961)	(18) BI184	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; BUFFER-TIME=300			555 Secs (555 Secs) *[==>]*	***[2]***

	10	BI184_COS_G130M (COS.sp.823961)	(18) BI184	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; BUFFER-TIME=300		555 Secs (555 Secs) *[==>]*	 ***[2]***
	11	BI184_COS_G130M (COS.sp.823961)	(18) BI184	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=300	Prime + Parallel Group 11-12 in BI184 COS (20)	555 Secs (555 Secs) *[==>]*	 ***[2]***
	12		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=5	Prime + Parallel Group 11-12 in BI184 COS (20)	300 Secs (300 Secs) *[==>]*	 ***[2]***
	13	BI184_COS_G130M (COS.sp.823961)	(18) BI184	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=300	Prime + Parallel Group 13-14 in BI184 COS (20)	555 Secs (555 Secs) *[==>]*	 ***[2]***
	14		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP100	Prime + Parallel Group 13-14 in BI184 COS (20)	499.231969 Secs (499.232 Secs) *[==>]*	 ***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Unused Orbital Visibility = 21
GS Reacq
Exp. 9
Exp. 10
Exp. 11
Reconfig
Exp. 13
Reconfig
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Overhead Exp. 14
Exp. 12

Visit

Proposal 14675, SK-7150 (NUV+FUV + L) (19), scheduling Fri Dec 30 02:09:51 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	SK-7150	RA: 05 40 43.1920 (85.1799667d) Dec: -71 29 0.65 (-71.48351d) Equinox: J2000		V=13.4 Spt= O6.5II FUV/G130M=3.0e-13 FUV/G160M=0.e+0 NUV flux=0.e+0 EBV=0.2	Reference Frame: ICRS

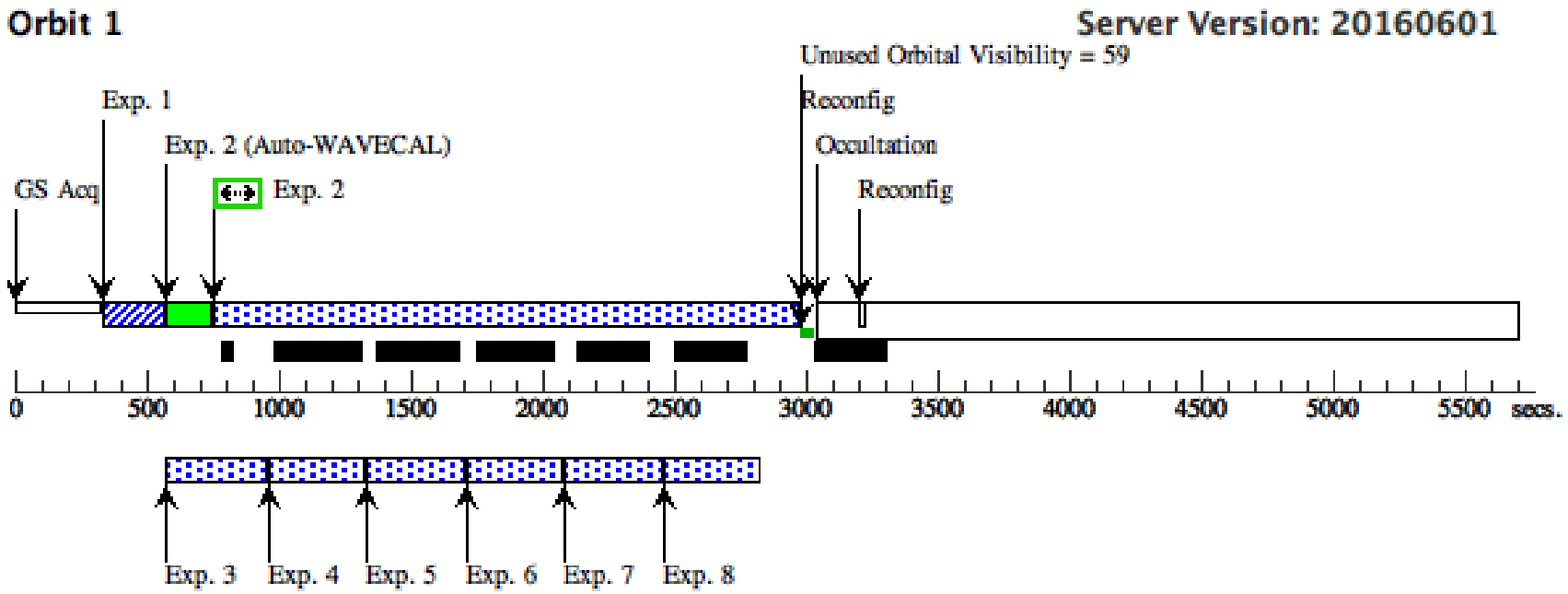
Exposures

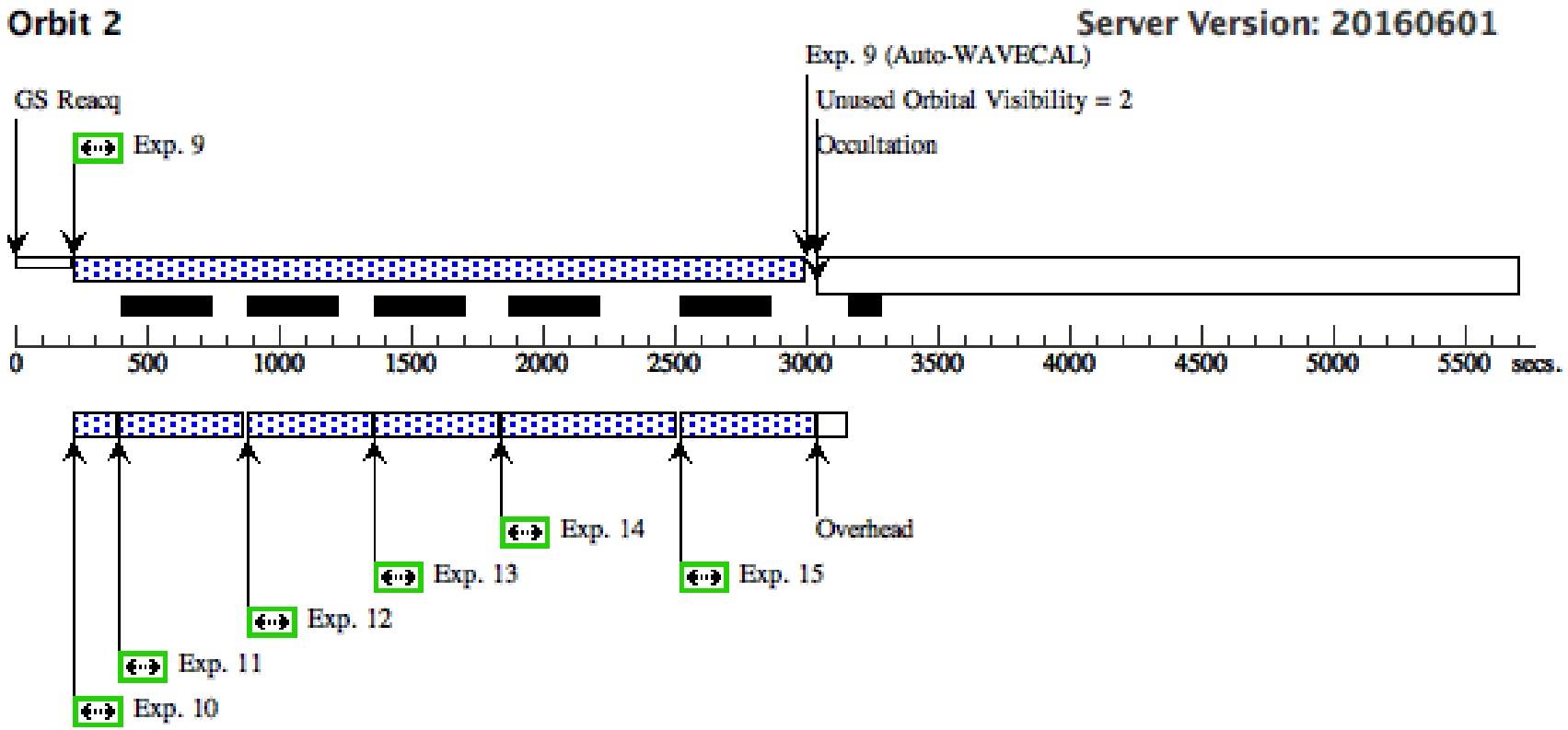
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-7150_ACQ (STIS.ta.824685)	(19) SK-7150	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-7150_E230M (STIS.sp.824686)	(19) SK-7150	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-7150 (NUV+FUV + L) (19)	2200 Secs (2200 Secs) *[==>]*	*[1]*
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7150 (NUV+FUV + L) (19)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7150 (NUV+FUV + L) (19)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7150 (NUV+FUV + L) (19)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7150 (NUV+FUV + L) (19)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7150 (NUV+FUV + L) (19)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7150 (NUV+FUV + L) (19)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
9	SK-7150_E230M (STIS.sp.824686)	(19) SK-7150	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in SK-7150 (NUV+FUV + L) (19)	2750 Secs (2750 Secs) *[==>]*	*[2]*
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in SK-7150 (NUV+FUV + L) (19)	5 Secs (5 Secs) *[==>]*	*[2]*
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=5		Prime + Parallel Group 9-15 in SK-7150 (NUV+FUV + L) (19)	350 Secs (350 Secs) *[==>]*	*[2]*
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=5		Prime + Parallel Group 9-15 in SK-7150 (NUV+FUV + L) (19)	350 Secs (350 Secs) *[==>]*	*[2]*
13	F475W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=5		Prime + Parallel Group 9-15 in SK-7150 (NUV+FUV + L) (19)	350 Secs (350 Secs) *[==>]*	*[2]*
14	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-15 in SK-7150 (NUV+FUV + L) (19)	520 Secs (520 Secs) *[==>]*	*[2]*

	15	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 9-15 in SK-7150 (NUV+FUV + L) (19)	510 Secs (510 Secs) *[==>]*	***[2]***
	16	SK-7150_E230M (STIS.sp.824686)	(19) SK-7150	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A		Prime + Parallel Group 16-19 in SK-7150 (NUV+FUV + L) (19)	1690 Secs (1690 Secs) *[==>]*	***[3]***
	17	F336W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-19 in SK-7150 (NUV+FUV + L) (19)	410 Secs (410 Secs) *[==>]*	***[3]***
	18	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 16-19 in SK-7150 (NUV+FUV + L) (19)	410 Secs (410 Secs) *[==>]*	***[3]***
	19	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 16-19 in SK-7150 (NUV+FUV + L) (19)	410 Secs (410 Secs) *[==>]*	***[3]***
	20	SK-7150_G230L (STIS.sp.824688)	(19) SK-7150	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A			100 Secs (100 Secs) *[==>]*	***[3]***
	21	SK-7150_G140L (STIS.sp.824689)	(19) SK-7150	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A		Prime + Parallel Group 21-22 in SK-7150 (NUV+FUV + L) (19)	100 Secs (100 Secs) *[==>]*	***[3]***
	22	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 21-22 in SK-7150 (NUV+FUV + L) (19)	350 Secs (350 Secs) *[==>]*	***[3]***
	23	SK-7150_E140M (STIS.sp.824687)	(19) SK-7150	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A		Prime + Parallel Group 23-29 in SK-7150 (NUV+FUV + L) (19)	2525 Secs (2525 Secs) *[==>]*	***[4]***
	24	F336W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11	Prime + Parallel Group 23-29 in SK-7150 (NUV+FUV + L) (19)	10 Secs (10 Secs) *[==>]*	***[4]***
	25	F275W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 23-29 in SK-7150 (NUV+FUV + L) (19)	400 Secs (400 Secs) *[==>]*	***[4]***
	26	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 23-29 in SK-7150 (NUV+FUV + L) (19)	670 Secs (670 Secs) *[==>]*	***[4]***
	27	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 23-29 in SK-7150 (NUV+FUV + L) (19)	500 Secs (500 Secs) *[==>]*	***[4]***
	28	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 23-29 in SK-7150 (NUV+FUV + L) (19)	500 Secs (500 Secs) *[==>]*	***[4]***
	29	F225W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=11	Prime + Parallel Group 23-29 in SK-7150 (NUV+FUV + L) (19)	15 Secs (15 Secs) *[==>]*	***[4]***

	30	SK-7150_E 140M (STIS.sp.82 4687)	(19) SK-7150	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A		Prime + Parallel Group 30-37 in SK-7150 (NUV+FUV + L) (19)	2750 Secs (2750 Secs) *[==>]*	***[5]***
	31	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11	Prime + Parallel Group 30-37 in SK-7150 (NUV+FUV + L) (19)	10 Secs (10 Secs) *[==>]*	***[5]***
	32	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 30-37 in SK-7150 (NUV+FUV + L) (19)	350 Secs (350 Secs) *[==>]*	***[5]***
	33	F814W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 30-37 in SK-7150 (NUV+FUV + L) (19)	350 Secs (350 Secs) *[==>]*	***[5]***
	34	F225W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=11	Prime + Parallel Group 30-37 in SK-7150 (NUV+FUV + L) (19)	400 Secs (400 Secs) *[==>]*	***[5]***
	35	F336W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11	Prime + Parallel Group 30-37 in SK-7150 (NUV+FUV + L) (19)	390 Secs (390 Secs) *[==>]*	***[5]***
	36	F275W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 30-37 in SK-7150 (NUV+FUV + L) (19)	390 Secs (390 Secs) *[==>]*	***[5]***
	37	F275W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 30-37 in SK-7150 (NUV+FUV + L) (19)	15 Secs (15 Secs) *[==>]*	***[5]***

Orbit Structure

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Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 2
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Occultation
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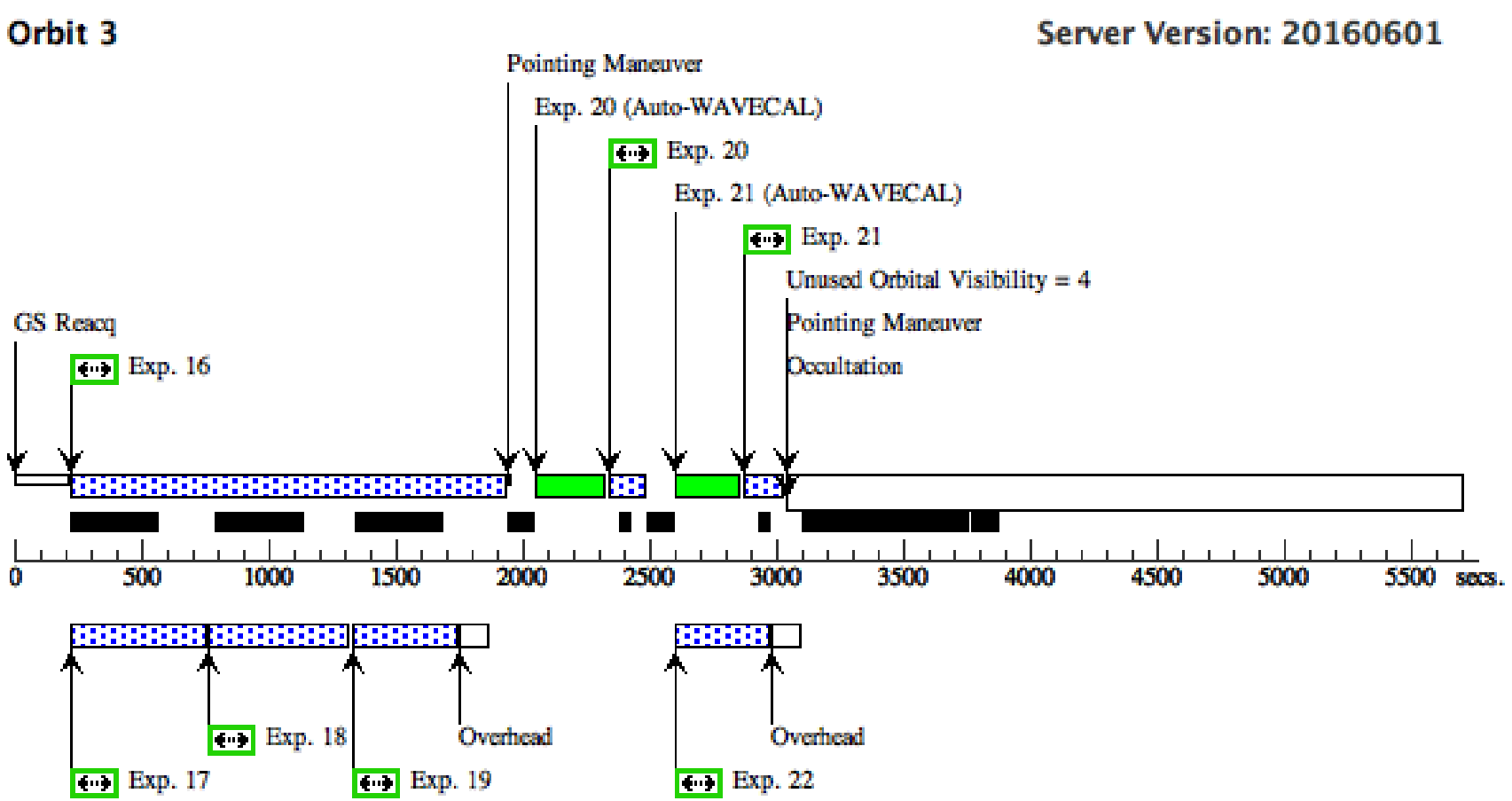
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 14
Overhead
Exp. 13
Exp. 15
Exp. 12
Exp. 11
Exp. 10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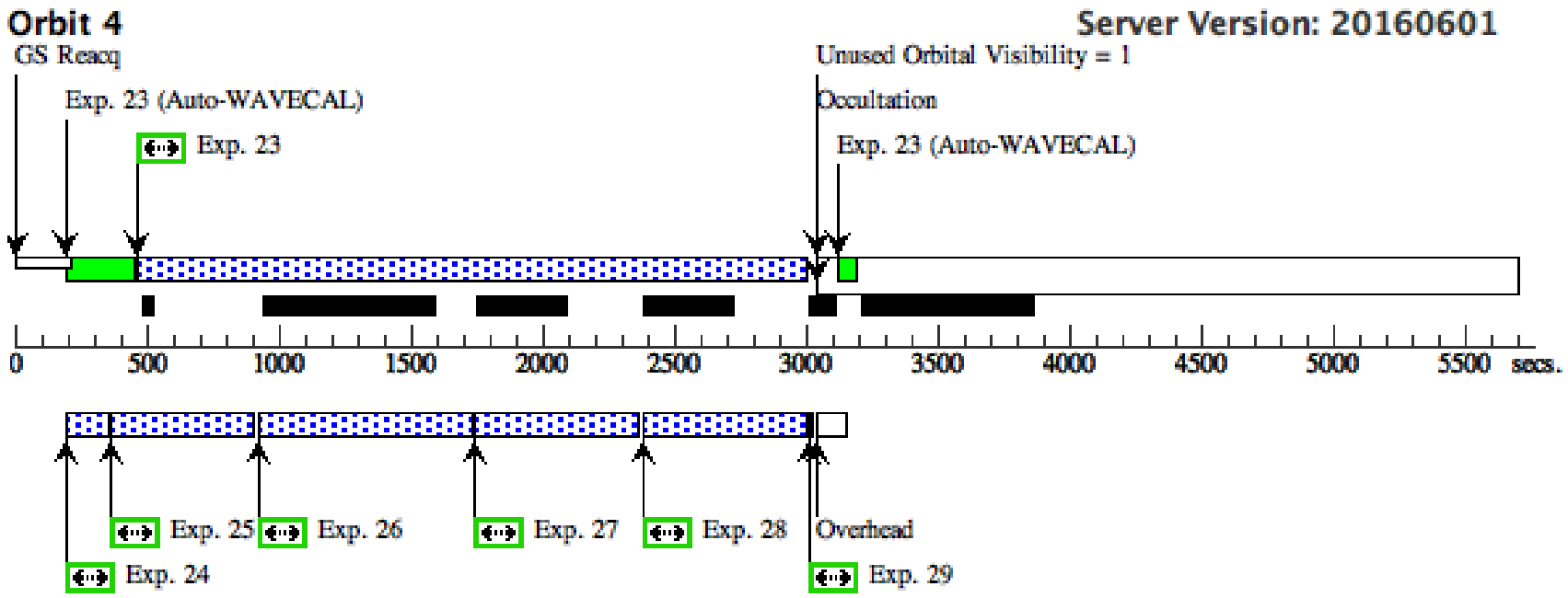
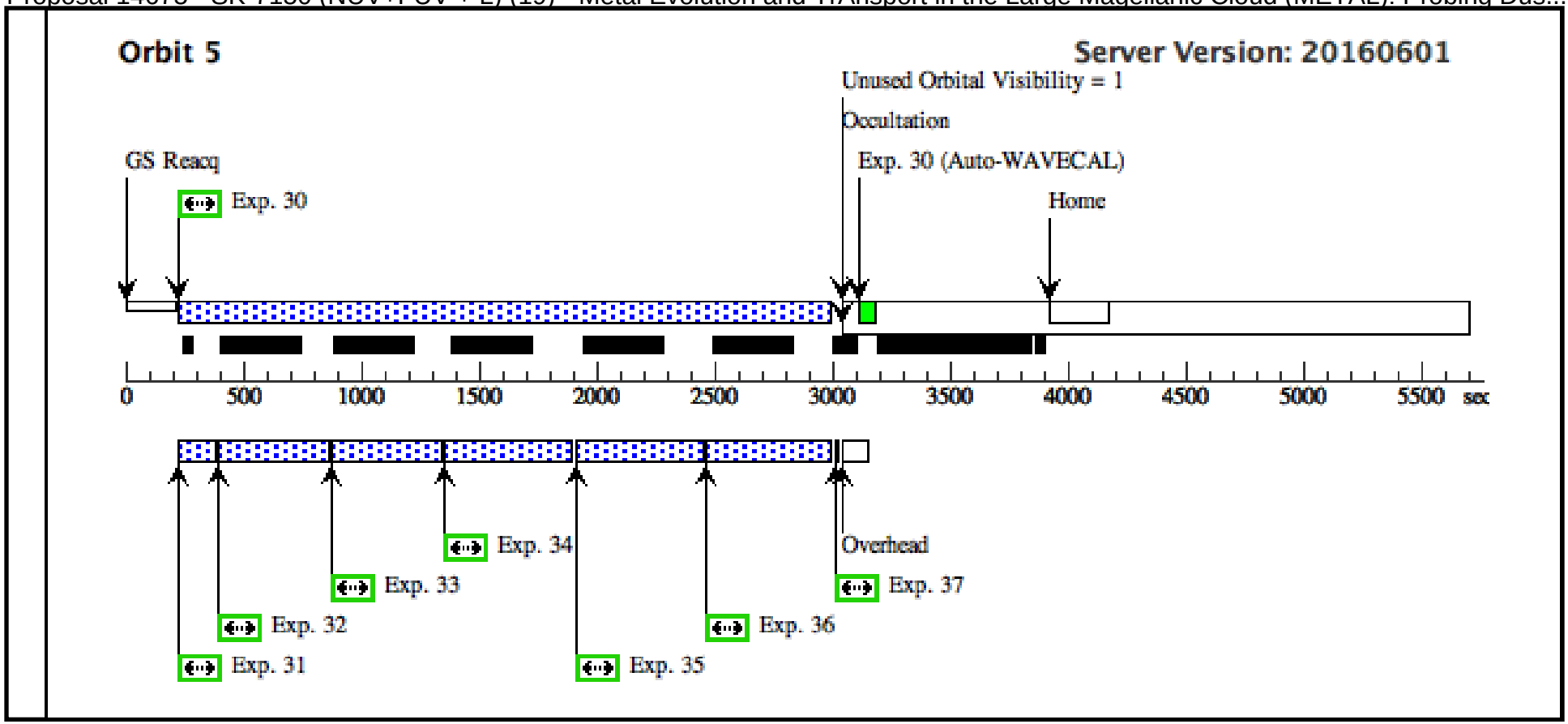
Server Version: 20160601
Pointing Maneuver
Exp. 20 (Auto-WAVECAL)
Exp. 20
Exp. 21 (Auto-WAVECAL)
Exp. 21
Unused Orbital Visibility = 4
Pointing Maneuver
Occultation
GS Reacq
Exp. 16
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 18
Overhead
Overhead
Exp. 17
Exp. 19
Exp. 22


Orbit 4
Server Version: 20160601
GS Reacq
Exp. 23 (Auto-WAVECAL)
Exp. 23
Unused Orbital Visibility = 1
Occultation
Exp. 23 (Auto-WAVECAL)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 25
Exp. 26
Exp. 27
Exp. 28
Overhead
Exp. 24
Exp. 29


Orbit 5
Server Version: 20160601
Unused Orbital Visibility = 1
Occultation
GS Reacq
Exp. 30 (Auto-WAVECAL)
Exp. 30
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 34
Overhead
Exp. 33
Exp. 37
Exp. 32
Exp. 36
Exp. 31
Exp. 35

Visit

Proposal 14675, SK-7079 (NUV+FUV) PART I (71), scheduling Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Fixed Targets

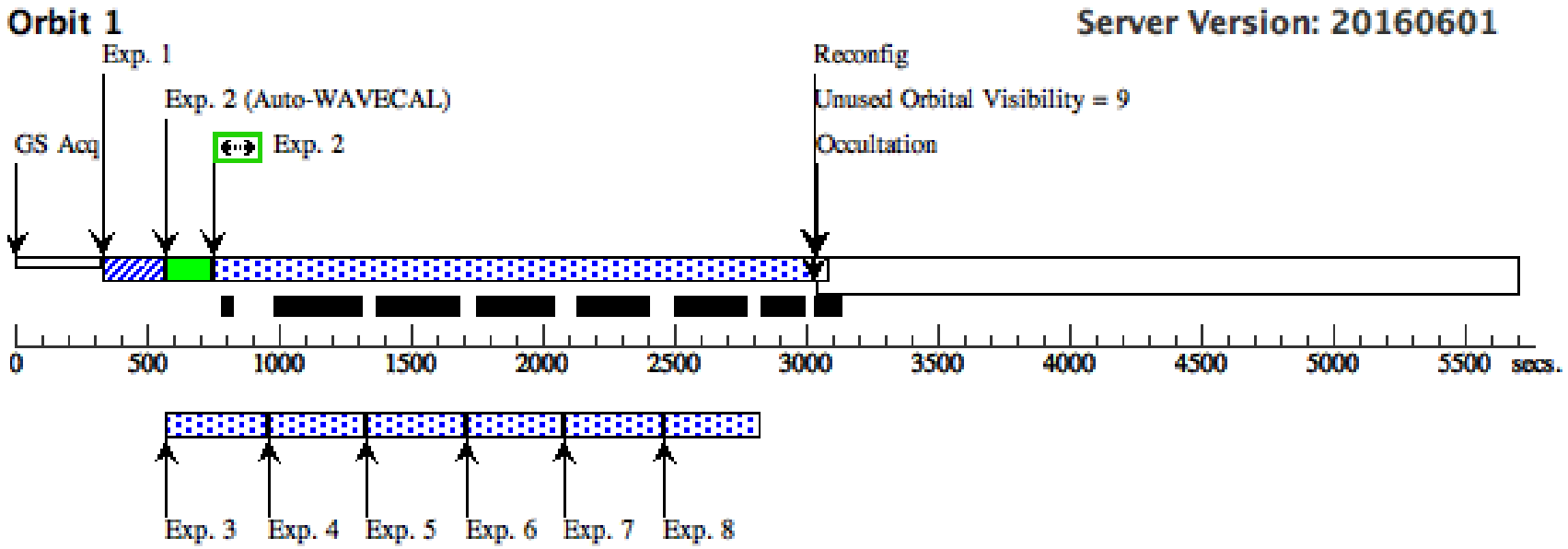
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	SK-7079	RA: 05 06 37.2620 (76.6552583d) Dec: -70 29 24.16 (-70.49004d) Equinox: J2000		V=12.7 Spt= B0III FUV/G130M=4.5e-13 FUV/G160M=3.0e-13 NUV flux=1.5e-13 EBV=0.24	Reference Frame: ICRS

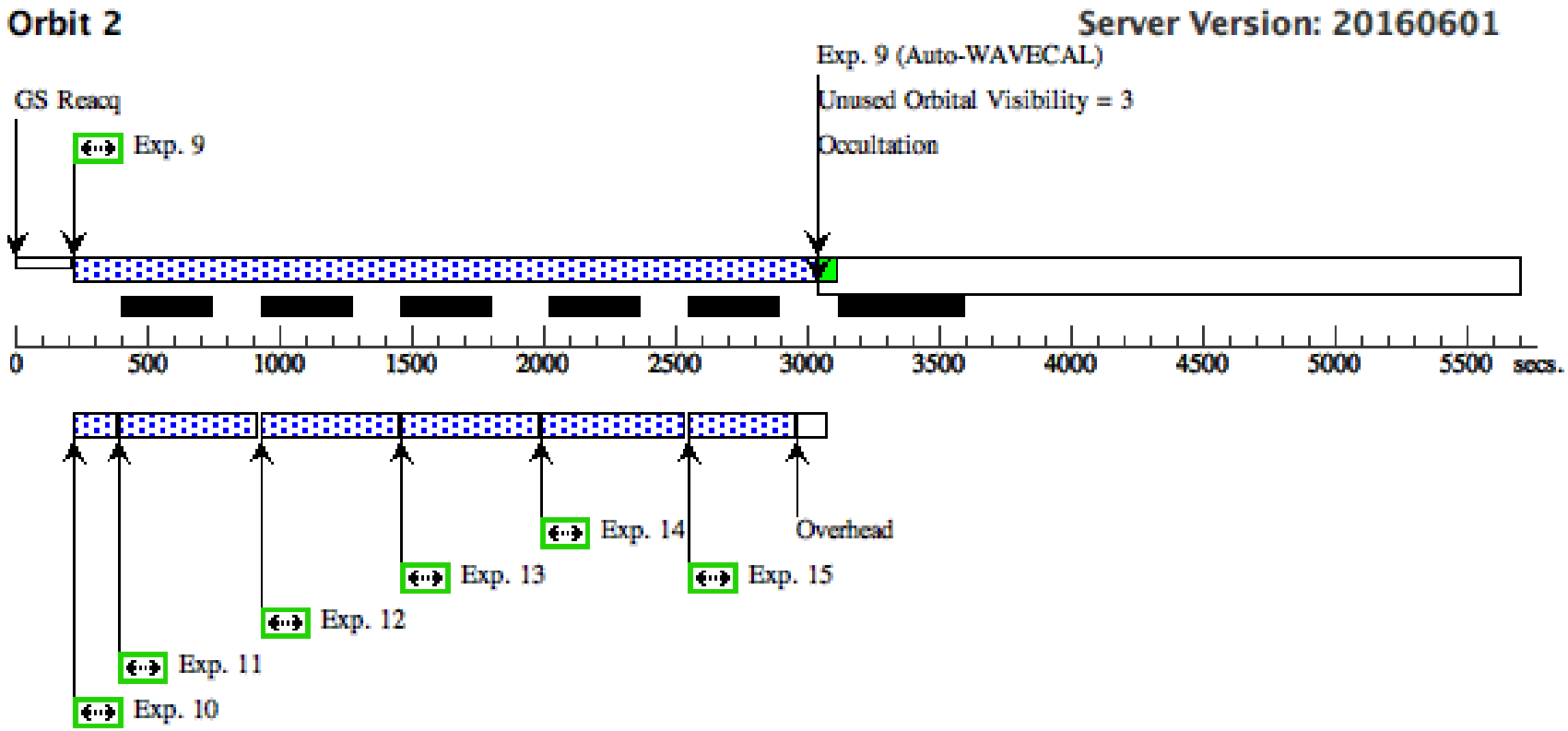
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-7079_ACQ (STIS.ta.824692)	(20) SK-7079	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-7079_E230M (STIS.sp.824693)	(20) SK-7079	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART I (71)	2250 Secs (2250 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART I (71)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART I (71)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART I (71)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART I (71)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART I (71)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART I (71)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-7079_E230M (STIS.sp.824693)	(20) SK-7079	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in SK-7079 (NUV+FUV) PART I (71)	2790 Secs (2790 Secs) *[==>]*	***[2]***
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in SK-7079 (NUV+FUV) PART I (71)	5 Secs (5 Secs) *[==>]*	***[2]***
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-7079 (NUV+FUV) PART I (71)	400 Secs (400 Secs) *[==>]*	***[2]***
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-7079 (NUV+FUV) PART I (71)	400 Secs (400 Secs) *[==>]*	***[2]***
13	F475W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-7079 (NUV+FUV) PART I (71)	400 Secs (400 Secs) *[==>]*	***[2]***
14	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-15 in SK-7079 (NUV+FUV) PART I (71)	400 Secs (400 Secs) *[==>]*	***[2]***

	15	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 9-15 in SK-7079 (NUV+FUV) PART I (71)	400 Secs (400 Secs) *[==>]*	 ***[2]***
	16	SK-7079_E140M (STIS.sp.824693)	(20) SK-7079	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A		Prime + Parallel Group 16-22 in SK-7079 (NUV+FUV) PART I (71)	2575 Secs (2575 Secs) *[==>]*	 ***[3]***
	17	F336W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11	Prime + Parallel Group 16-22 in SK-7079 (NUV+FUV) PART I (71)	10 Secs (10 Secs) *[==>]*	 ***[3]***
	18	F336W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in SK-7079 (NUV+FUV) PART I (71)	500 Secs (500 Secs) *[==>]*	 ***[3]***
	19	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in SK-7079 (NUV+FUV) PART I (71)	500 Secs (500 Secs) *[==>]*	 ***[3]***
	20	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in SK-7079 (NUV+FUV) PART I (71)	500 Secs (500 Secs) *[==>]*	 ***[3]***
	21	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in SK-7079 (NUV+FUV) PART I (71)	500 Secs (500 Secs) *[==>]*	 ***[3]***
	22	F225W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=11	Prime + Parallel Group 16-22 in SK-7079 (NUV+FUV) PART I (71)	15 Secs (15 Secs) *[==>]*	 ***[3]***

Orbit Structure

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Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 3
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Occultation
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1000
1500
2000
2500
3000
3500
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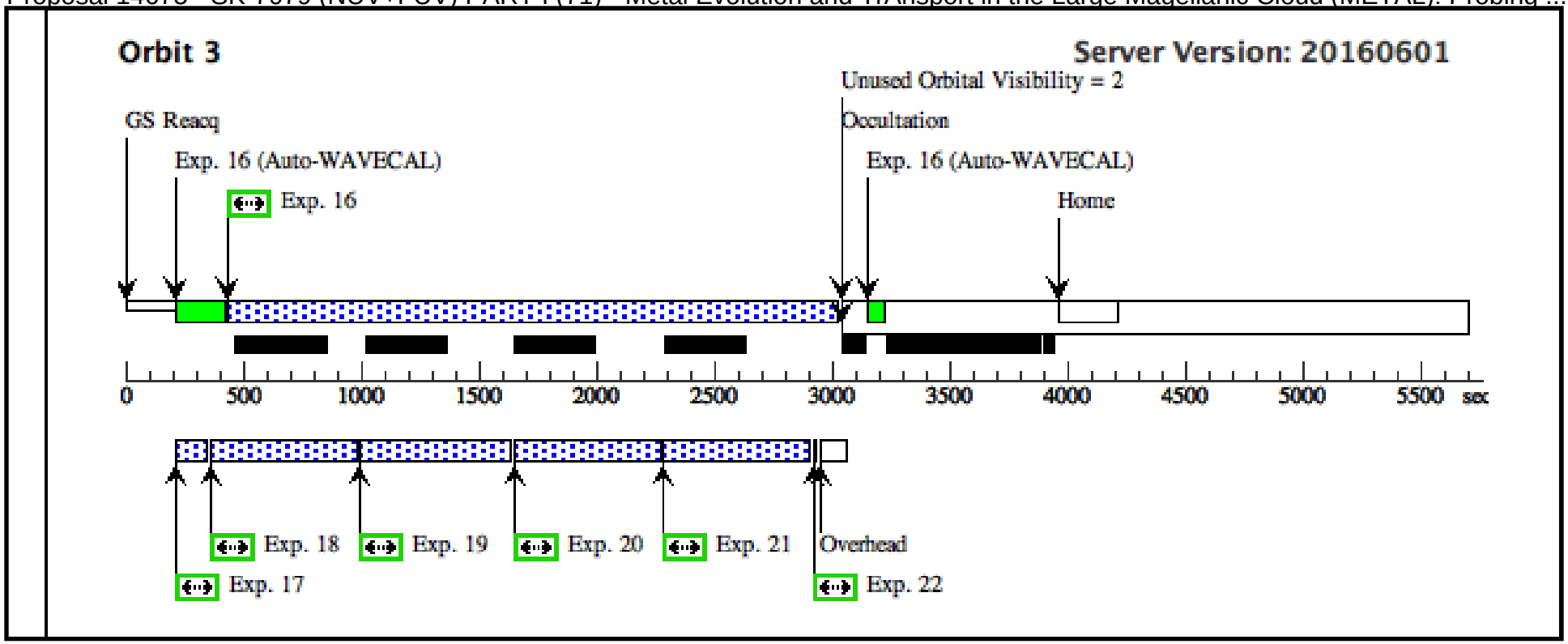
5000
5500
secs.
Exp. 14
Overhead
Exp. 13
Exp. 15
Exp. 12
Exp. 11
Exp. 10


Orbit 3
Server Version: 20160601
Unused Orbital Visibility = 2
GS Reacq
Occultation
Exp. 16 (Auto-WAVECAL)
Exp. 16 (Auto-WAVECAL)
Exp. 16
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 18
Exp. 19
Exp. 20
Exp. 21
Overhead
Exp. 17
Exp. 22

Visit

Proposal 14675, SK-7079 (NUV+FUV) PART II (72), scheduling Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%; SAME ORIENT AS 71; GROUP 72,71 WITHIN 40D

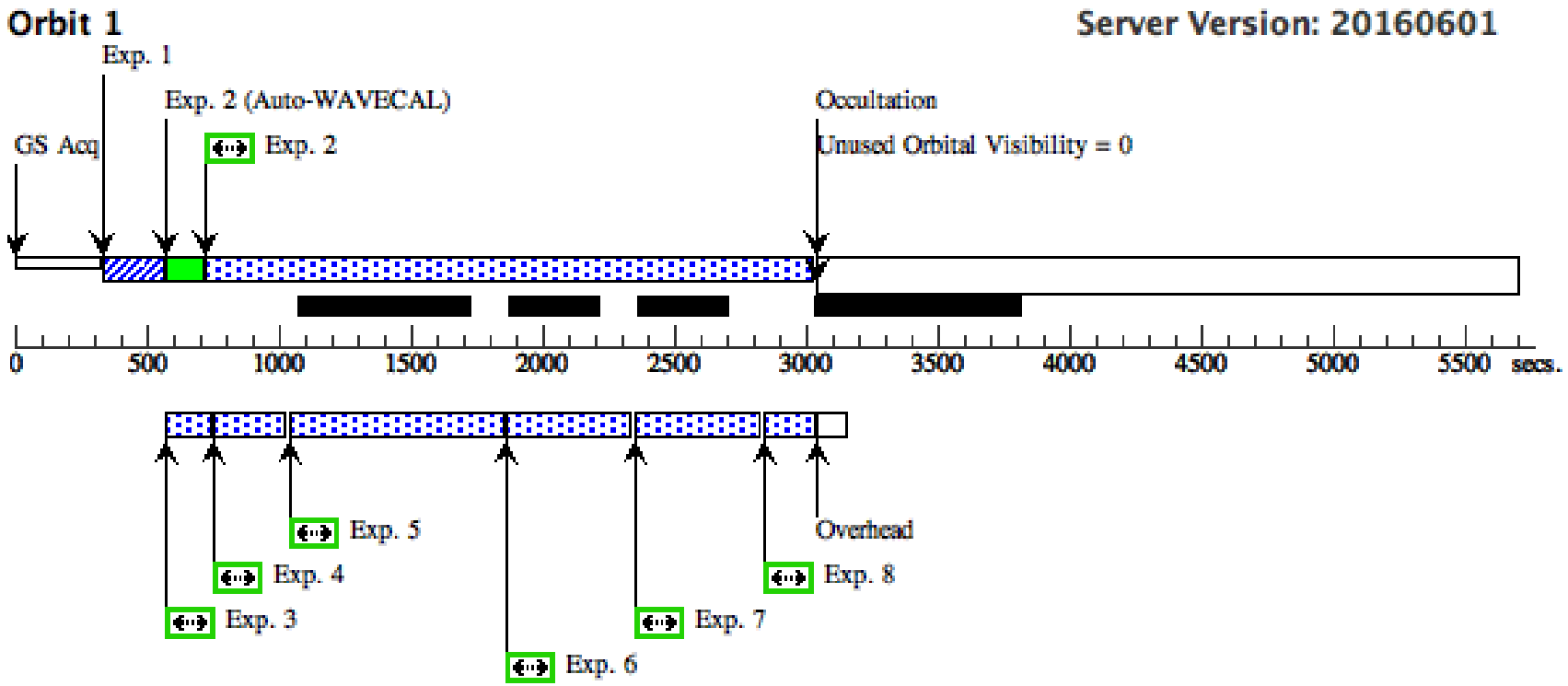
Fixed Targets

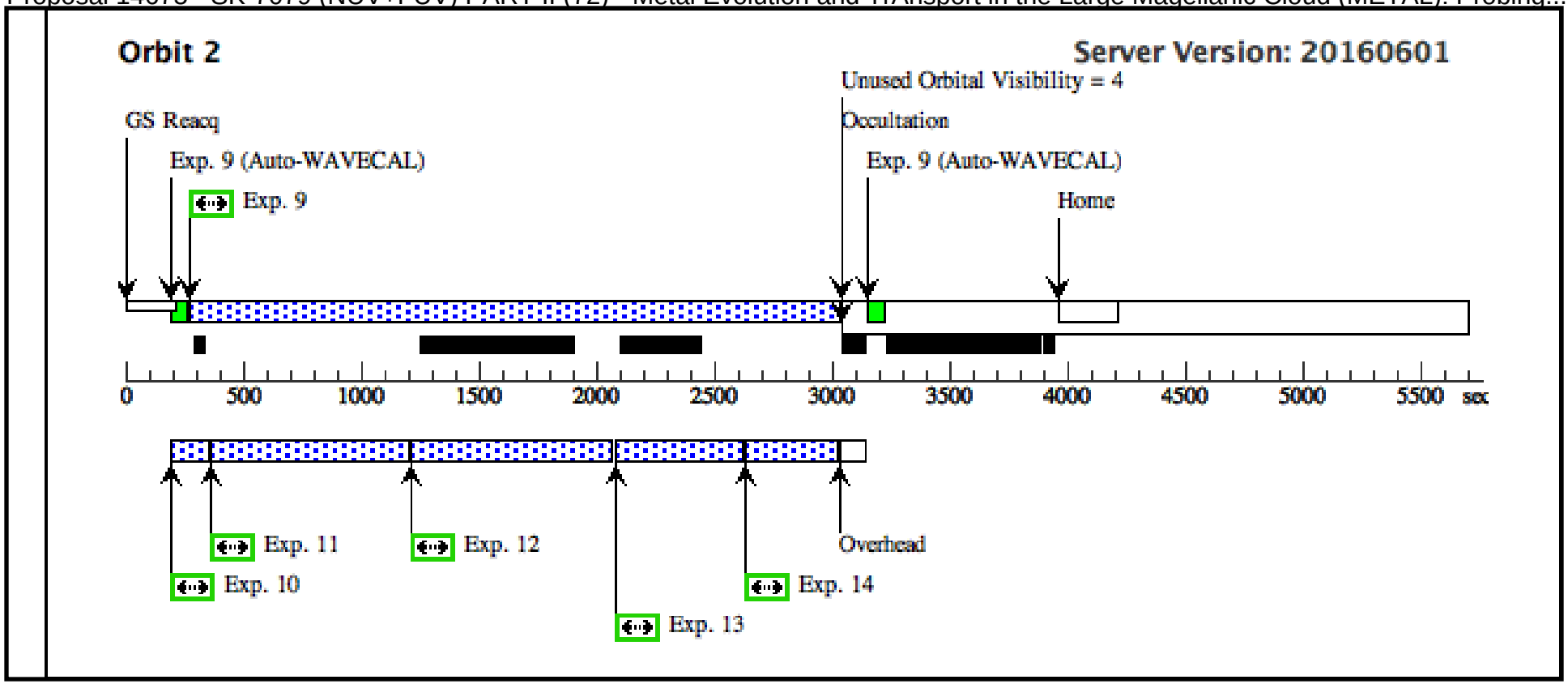
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	SK-7079	RA: 05 06 37.2620 (76.6552583d) Dec: -70 29 24.16 (-70.49004d) Equinox: J2000		V=12.7 Spt= B0III FUV/G130M=4.5e-13 FUV/G160M=3.0e-13 NUV flux=1.5e-13 EBV=0.24	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-7079_ACQ (STIS.ta.824692)	(20) SK-7079	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-7079_E140M (STIS.sp.824695)	(20) SK-7079	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART II (72)	2280 Secs (2280 Secs) *[==>]*	***[1]***
3	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART II (72)	10 Secs (10 Secs) *[==>]*	***[1]***
4	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=8		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART II (72)	150 Secs (150 Secs) *[==>]*	***[1]***
5	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART II (72)	665 Secs (665 Secs) *[==>]*	***[1]***
6	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART II (72)	352 Secs (352 Secs) *[==>]*	***[1]***
7	F275W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART II (72)	352 Secs (352 Secs) *[==>]*	***[1]***
8	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=8		Prime + Parallel Group 2-8 in SK-7079 (NUV+FUV) PART II (72)	169 Secs (169 Secs) *[==>]*	***[1]***
9	SK-7079_E140M (STIS.sp.824695)	(20) SK-7079	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 9-14 in SK-7079 (NUV+FUV) PART II (72)	2740 Secs (2740 Secs) *[==>]*	***[2]***
10	F275W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-14 in SK-7079 (NUV+FUV) PART II (72)	10 Secs (10 Secs) *[==>]*	***[2]***
11	F225W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-14 in SK-7079 (NUV+FUV) PART II (72)	700 Secs (700 Secs) *[==>]*	***[2]***
12	F275W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-14 in SK-7079 (NUV+FUV) PART II (72)	700 Secs (700 Secs) *[==>]*	***[2]***
13	F336W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-14 in SK-7079 (NUV+FUV) PART II (72)	400 Secs (400 Secs) *[==>]*	***[2]***
14	F814W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Group 9-14 in SK-7079 (NUV+FUV) PART II (72)	370 Secs (370 Secs) *[==>]*	***[2]***

Orbit Structure

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Server Version: 20160601
Unused Orbital Visibility = 4
GS Reacq
Occultation
Exp. 9 (Auto-WAVECAL)
Exp. 9 (Auto-WAVECAL)
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 11
Exp. 12
Overhead
Exp. 10
Exp. 14
Exp. 13

Visit

Proposal 14675, SK-6852 (NUV+FUV) (22), scheduling Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Fixed Targets

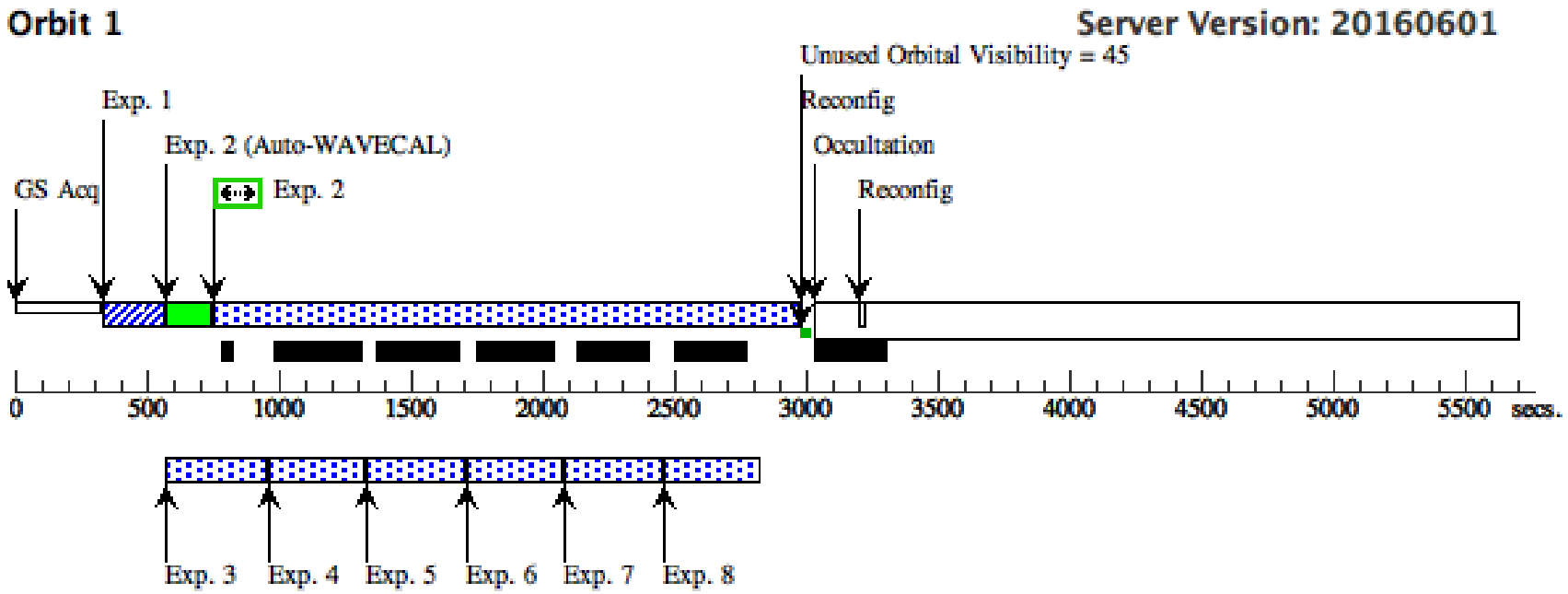
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(21)	SK-6852	RA: 05 07 20.4120 (76.8350500d) Dec: -68 32 8.54 (-68.53571d) Equinox: J2000		V=11.6 Spt= B0Ia FUV/G130M=1.1e-12 FUV/G160M=8.0e-13 NUV flux=4.0e-13 EBV=0.18	Reference Frame: ICRS

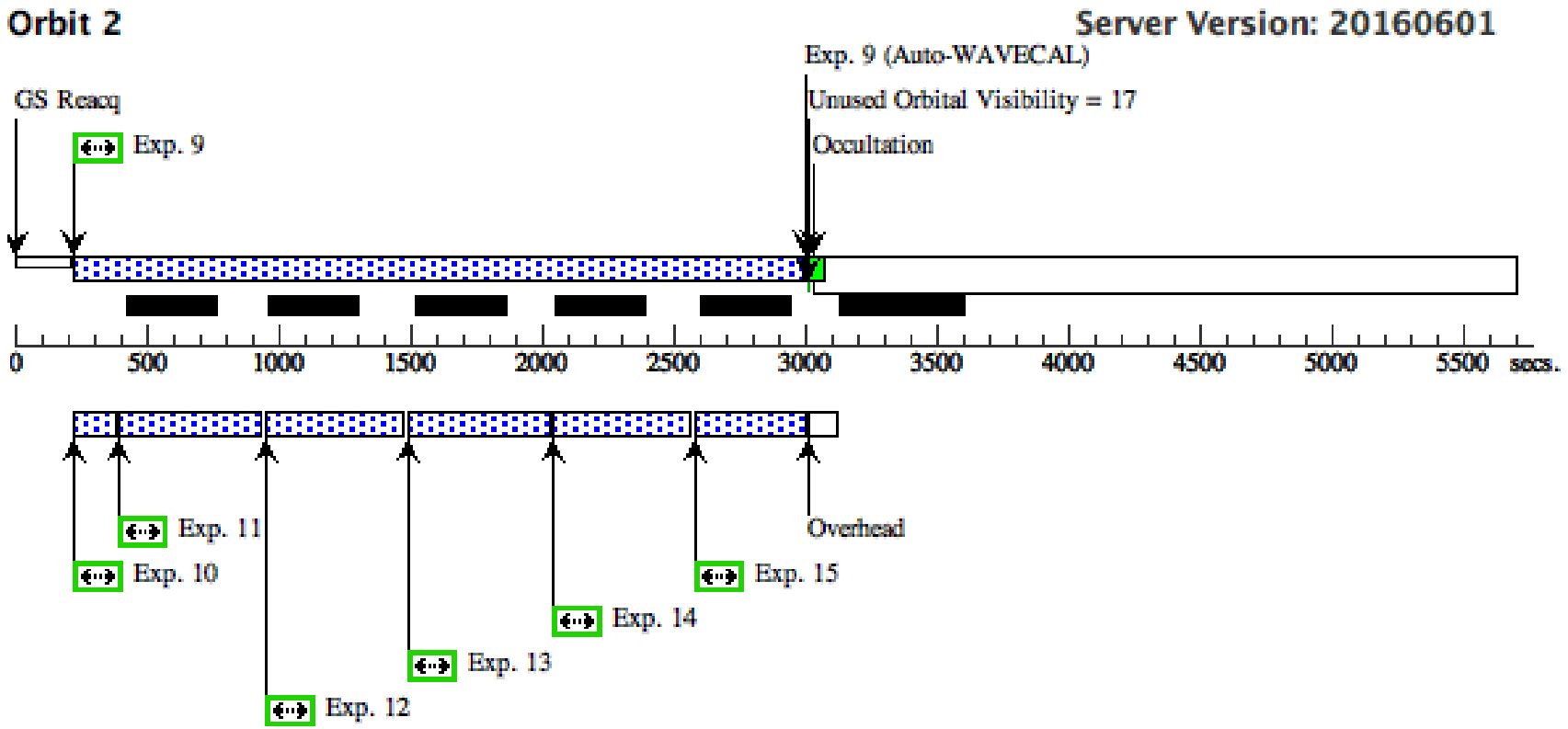
Exposures

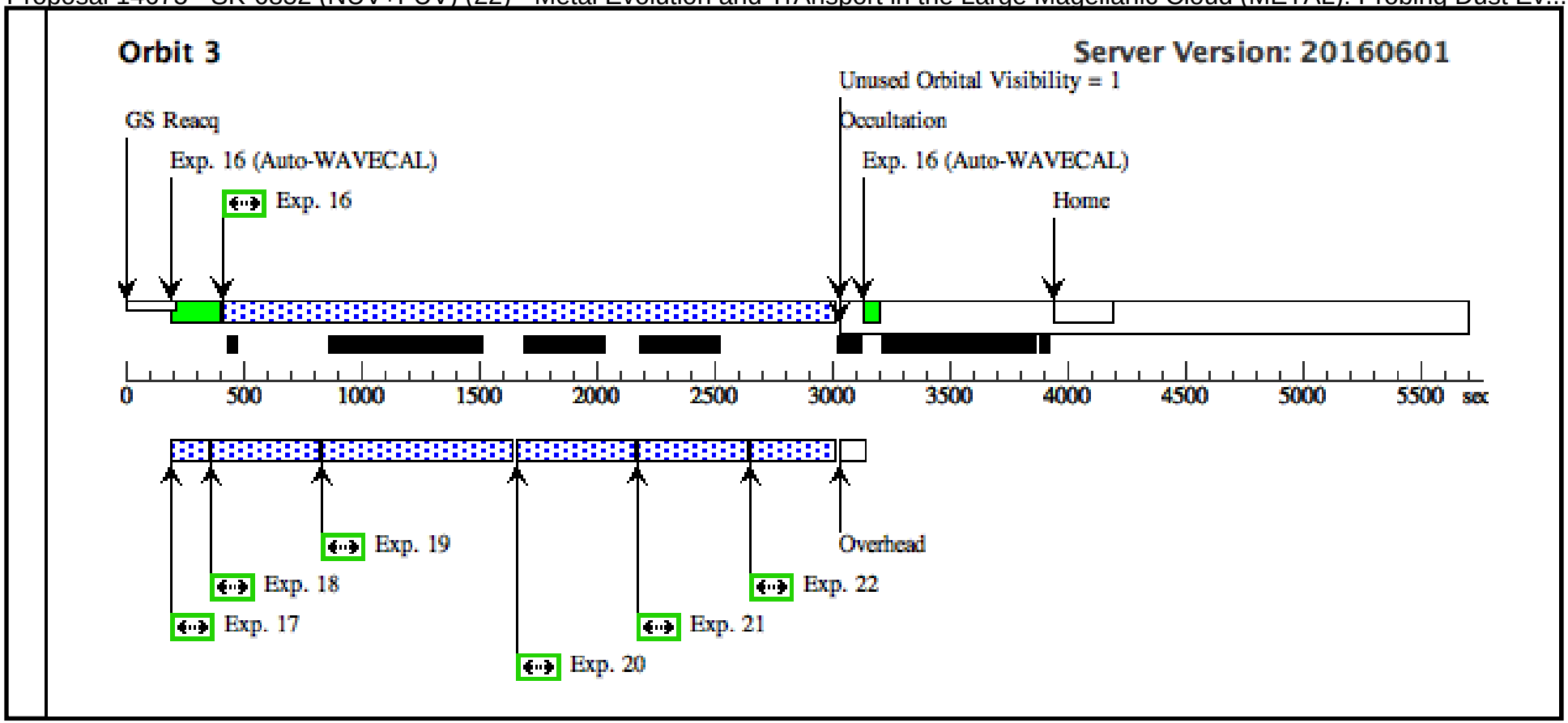
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-6852_ACQ (STIS.ta.823969)	(21) SK-6852	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-6852_E230M (STIS.sp.823970)	(21) SK-6852	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-6852 (NUV+FUV) (22)	2200 Secs (2200 Secs) *[==>]*	*[1]*
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6852 (NUV+FUV) (22)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6852 (NUV+FUV) (22)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6852 (NUV+FUV) (22)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6852 (NUV+FUV) (22)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6852 (NUV+FUV) (22)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6852 (NUV+FUV) (22)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
9	SK-6852_E230M (STIS.sp.823970)	(21) SK-6852	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in SK-6852 (NUV+FUV) (22)	2750 Secs (2750 Secs) *[==>]*	*[2]*
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in SK-6852 (NUV+FUV) (22)	5 Secs (5 Secs) *[==>]*	*[2]*
11	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in SK-6852 (NUV+FUV) (22)	400 Secs (400 Secs) *[==>]*	*[2]*
12	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in SK-6852 (NUV+FUV) (22)	400 Secs (400 Secs) *[==>]*	*[2]*
13	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-15 in SK-6852 (NUV+FUV) (22)	400 Secs (400 Secs) *[==>]*	*[2]*
14	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-15 in SK-6852 (NUV+FUV) (22)	400 Secs (400 Secs) *[==>]*	*[2]*
15	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-6852 (NUV+FUV) (22)	400 Secs (400 Secs) *[==>]*	*[2]*
16	SK-6852_E140M (STIS.sp.824148)	(21) SK-6852	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 16-22 in SK-6852 (NUV+FUV) (22)	2580 Secs (2580 Secs) *[==>]*	*[3]*

	17	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11	Prime + Parallel Group 16-22 in SK-6852 (NUV+FUV) (22)	10 Secs (10 Secs) *[==>]*	 ***[3]***
	18	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 16-22 in SK-6852 (NUV+FUV) (22)	340 Secs (340 Secs) *[==>]*	 ***[3]***
	19	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in SK-6852 (NUV+FUV) (22)	670 Secs (670 Secs) *[==>]*	 ***[3]***
	20	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4	Prime + Parallel Group 16-22 in SK-6852 (NUV+FUV) (22)	352 Secs (352 Secs) *[==>]*	 ***[3]***
	21	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4	Prime + Parallel Group 16-22 in SK-6852 (NUV+FUV) (22)	352 Secs (352 Secs) *[==>]*	 ***[3]***
	22	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 16-22 in SK-6852 (NUV+FUV) (22)	340 Secs (340 Secs) *[==>]*	 ***[3]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 17
Exp. 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 11
Overhead
Exp. 10
Exp. 15
Exp. 14
Exp. 13
Exp. 12


Orbit 3
Server Version: 20160601
Unused Orbital Visibility = 1
GS Reacq
Occultation
Exp. 16 (Auto-WAVECAL)
Exp. 16 (Auto-WAVECAL)
Exp. 16
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 19
Overhead
Exp. 18
Exp. 22
Exp. 17
Exp. 21
Exp. 20

Visit

Proposal 14675, SK-69220 (NUV+FUV) (23), scheduling Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

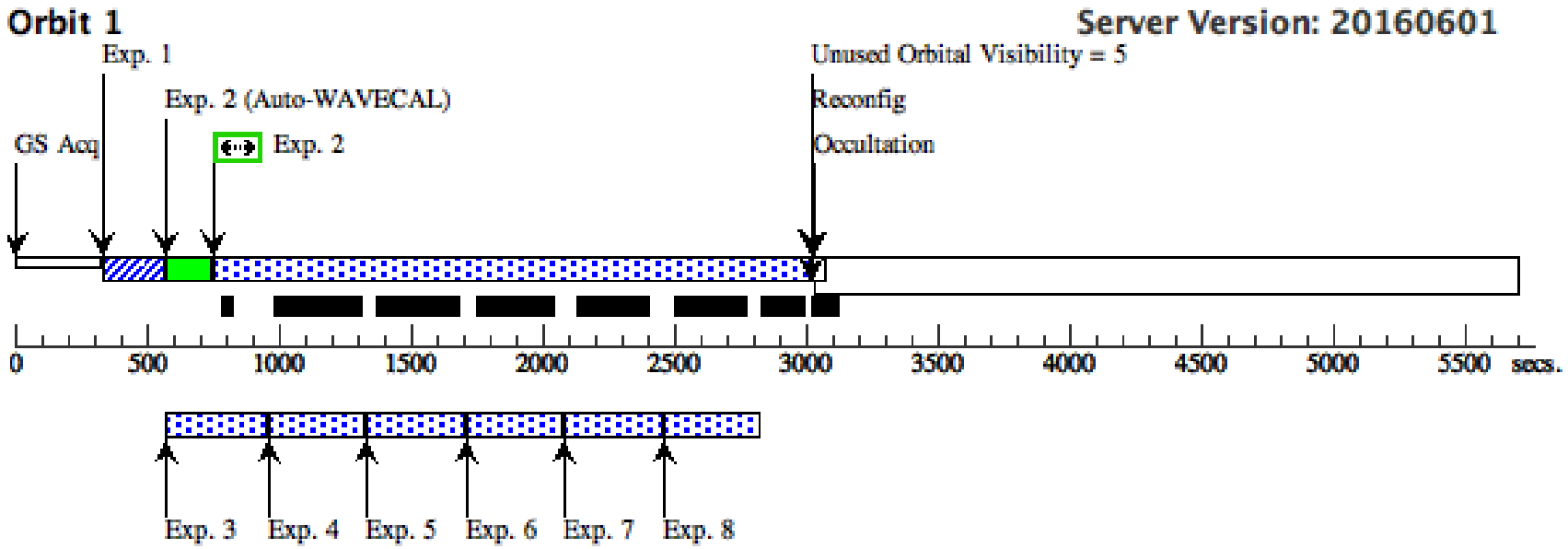
Fixed Targets

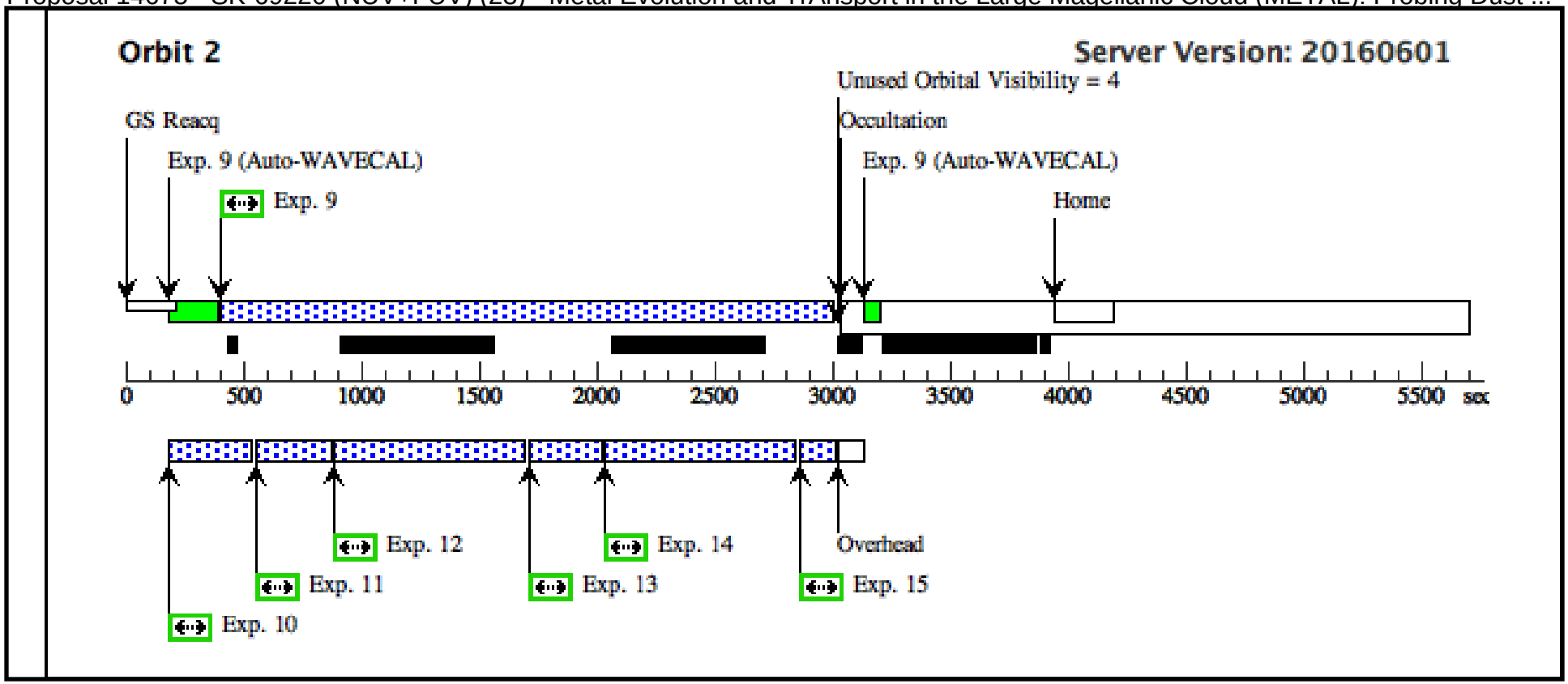
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(22)	SK-69220	RA: 05 36 43.7070 (84.1821125d) Dec: -69 29 47.48 (-69.49652d) Equinox: J2000		V=10.6 Spt= LBV FUV/G130M=9.0e-13 FUV/G160M=7.0e-13 NUV flux=7.0e-13	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-69220_ ACQ (STIS.ta.824 701)	(22) SK-69220	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-69220_ E230M (STIS.sp.82 4703)	(22) SK-69220	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 2-8 in SK-69220 (NUV+FUV) (23)	2240 Secs (2240 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69220 (NUV+FUV) (23)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69220 (NUV+FUV) (23)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69220 (NUV+FUV) (23)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69220 (NUV+FUV) (23)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69220 (NUV+FUV) (23)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-69220 (NUV+FUV) (23)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-69220_ E140M (STIS.sp.82 4704)	(22) SK-69220	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Gro up 9-15 in SK-69220 (NUV+FUV) (23)	2585 Secs (2585 Secs) *[==>]*	***[2]***
10	F336W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-69220 (NUV+FUV) (23)	200 Secs (200 Secs) *[==>]*	***[2]***
11	F336W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-69220 (NUV+FUV) (23)	200 Secs (200 Secs) *[==>]*	***[2]***
12	F275W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10		Prime + Parallel Gro up 9-15 in SK-69220 (NUV+FUV) (23)	670 Secs (670 Secs) *[==>]*	***[2]***
13	F475W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=8.0		Prime + Parallel Gro up 9-15 in SK-69220 (NUV+FUV) (23)	160 Secs (160 Secs) *[==>]*	***[2]***
14	F225W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10.0		Prime + Parallel Gro up 9-15 in SK-69220 (NUV+FUV) (23)	670 Secs (670 Secs) *[==>]*	***[2]***
15	F814W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-69220 (NUV+FUV) (23)	130 Secs (130 Secs) *[==>]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Unused Orbital Visibility = 4
GS Reacq
Occultation
Exp. 9 (Auto-WAVECAL)
Exp. 9 (Auto-WAVECAL)
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12
Exp. 14
Overhead
Exp. 11
Exp. 13
Exp. 15
Exp. 10

Visit

Proposal 14675, PGMW3223 (NUV+FUV) PART I (73), implementation Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Fixed Targets

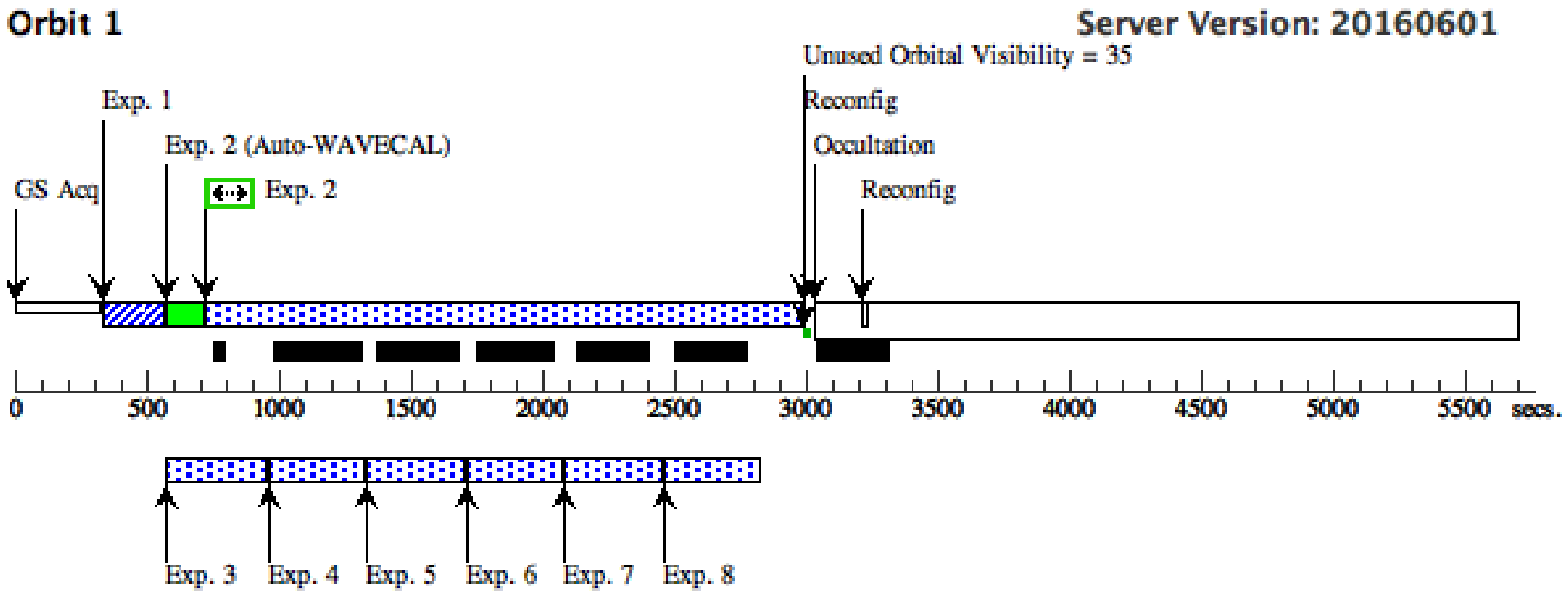
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	PGMW3223	RA: 04 57 0.8670 (74.2536125d) Dec: -66 24 25.06 (-66.40696d) Equinox: J2000		V=12.9 Spt= O8V FUV/G130M=3.0e-13 FUV/G160M=0.e+0 NUV flux =2.5e-13 EBV=0.19	Reference Frame: ICRS

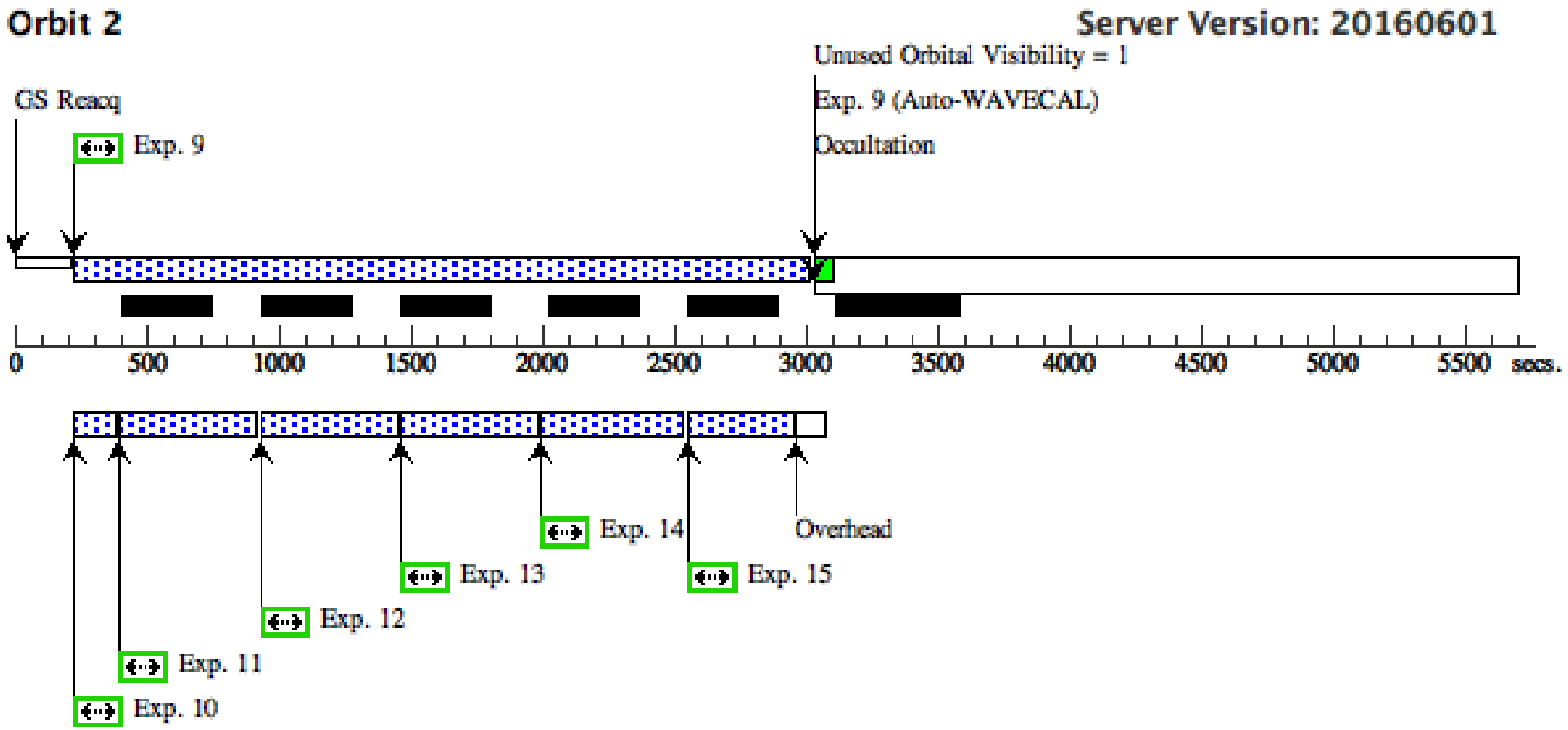
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	PGMW3223_ACQ (STIS.ta.824701)	(23) PGMW3223	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	PGMW3223_E140M (STIS.sp.898295)	(23) PGMW3223	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 2-8 in PGMW3223 (NUV+FUV) PART I (73)	2240 Secs (2240 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in PGMW3223 (NUV+FUV) PART I (73)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in PGMW3223 (NUV+FUV) PART I (73)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in PGMW3223 (NUV+FUV) PART I (73)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in PGMW3223 (NUV+FUV) PART I (73)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in PGMW3223 (NUV+FUV) PART I (73)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in PGMW3223 (NUV+FUV) PART I (73)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	PGMW3223_E140M (STIS.sp.898295)	(23) PGMW3223	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Group 9-15 in PGMW3223 (NUV+FUV) PART I (73)	2778 Secs (2778 Secs) *[==>]*	***[2]***
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in PGMW3223 (NUV+FUV) PART I (73)	5 Secs (5 Secs) *[==>]*	***[2]***
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in PGMW3223 (NUV+FUV) PART I (73)	400 Secs (400 Secs) *[==>]*	***[2]***
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in PGMW3223 (NUV+FUV) PART I (73)	400 Secs (400 Secs) *[==>]*	***[2]***
13	F475W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in PGMW3223 (NUV+FUV) PART I (73)	400 Secs (400 Secs) *[==>]*	***[2]***
14	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-15 in PGMW3223 (NUV+FUV) PART I (73)	400 Secs (400 Secs) *[==>]*	***[2]***

	15	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 9-15 in PGMW3223 (NUV+FUV) PART I (73)	400 Secs (400 Secs) *[==>]*	***[2]***
	16	PGMW3223_E140M (STIS.sp.898295)	(23) PGMW3223	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A		Prime + Parallel Group 16-22 in PGMW3223 (NUV+FUV) PART I (73)	2750 Secs (2750 Secs) *[==>]*	***[3]***
	17	F336W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11	Prime + Parallel Group 16-22 in PGMW3223 (NUV+FUV) PART I (73)	10 Secs (10 Secs) *[==>]*	***[3]***
	18	F336W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in PGMW3223 (NUV+FUV) PART I (73)	500 Secs (500 Secs) *[==>]*	***[3]***
	19	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in PGMW3223 (NUV+FUV) PART I (73)	500 Secs (500 Secs) *[==>]*	***[3]***
	20	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in PGMW3223 (NUV+FUV) PART I (73)	500 Secs (500 Secs) *[==>]*	***[3]***
	21	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in PGMW3223 (NUV+FUV) PART I (73)	500 Secs (500 Secs) *[==>]*	***[3]***
	22	F225W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=11	Prime + Parallel Group 16-22 in PGMW3223 (NUV+FUV) PART I (73)	15 Secs (15 Secs) *[==>]*	***[3]***

Orbit Structure




Orbit 2
Server Version: 20160601
Unused Orbital Visibility = 1
GS Reacq
Exp. 9 (Auto-WAVECAL)
Exp. 9
Occultation
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1000
1500
2000
2500
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3500
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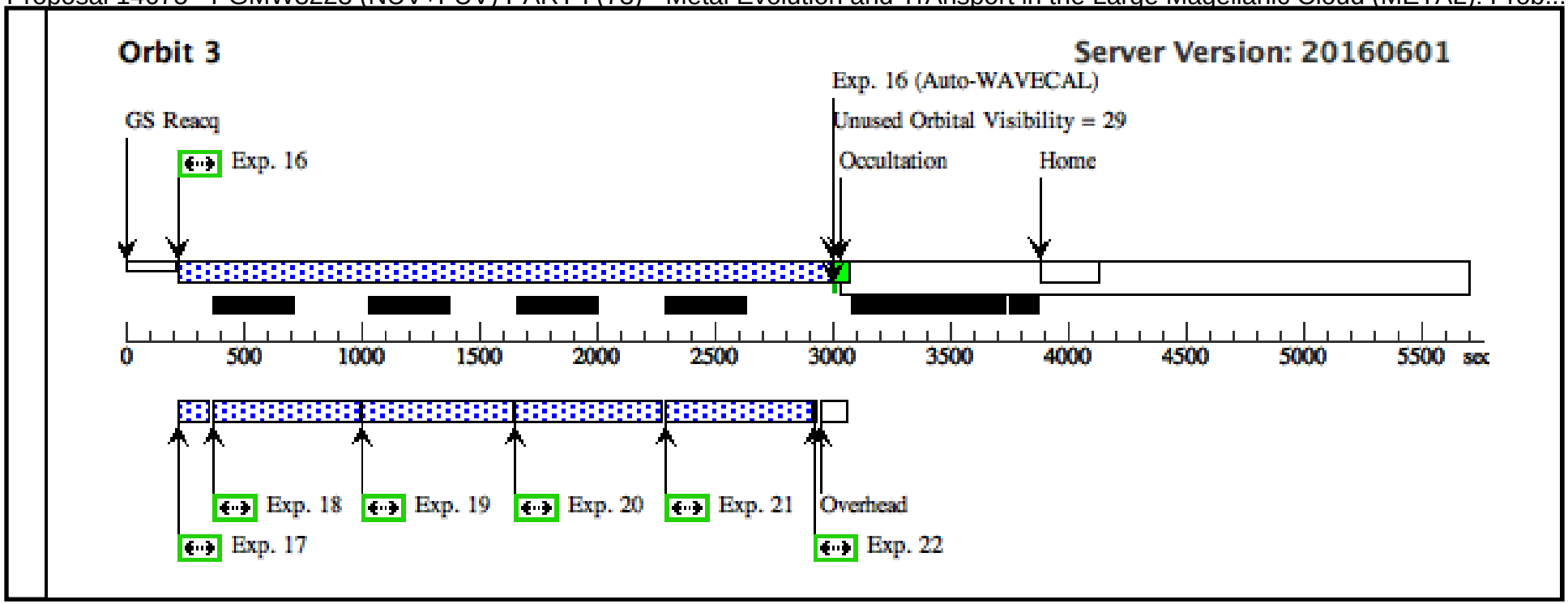
4500
5000
5500
secs.
Exp. 14
Overhead
Exp. 13
Exp. 15
Exp. 12
Exp. 11
Exp. 10


Orbit 3
Server Version: 20160601
Exp. 16 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 29
Exp. 16
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 18
Exp. 19
Exp. 20
Exp. 21
Overhead
Exp. 17
Exp. 22

Visit

Proposal 14675, PGMW3223 (NUV+FUV) PART II (74), implementation Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%; SAME ORIENT AS 73; GROUP 74,73 WITHIN 40D

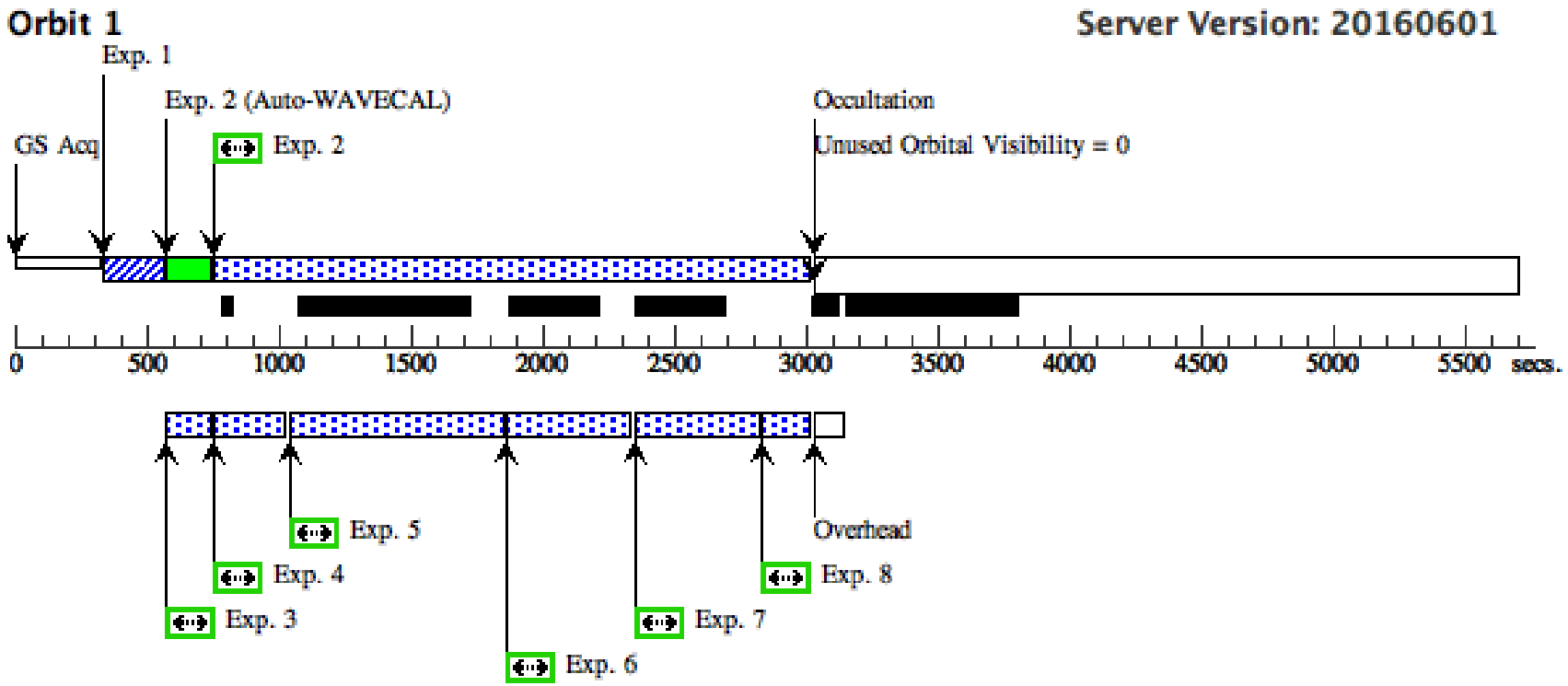
Fixed Targets

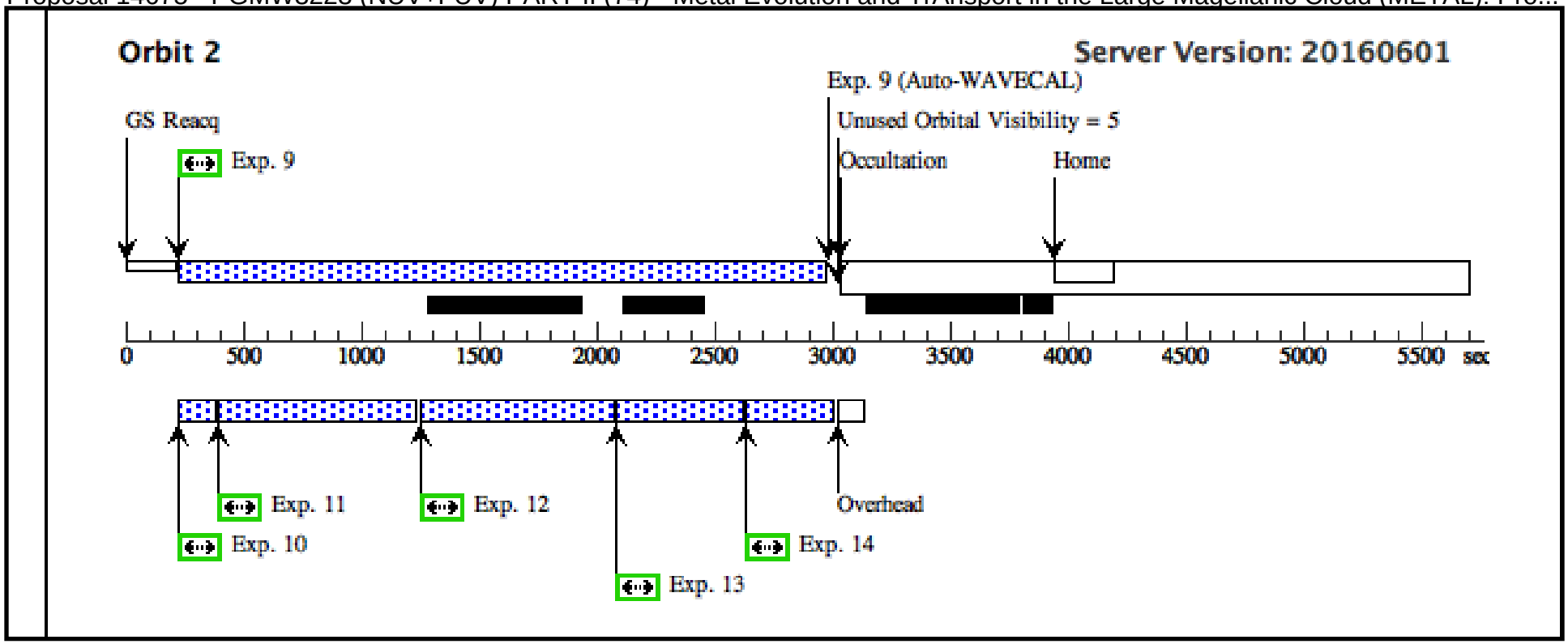
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	PGMW3223	RA: 04 57 0.8670 (74.2536125d) Dec: -66 24 25.06 (-66.40696d) Equinox: J2000		V=12.9 Spt= O8V FUV/G130M=3.0e-13 FUV/G160M=0.e+0 NUV flux =2.5e-13 EBV=0.19	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	PGMW3223_ACQ (STIS.ta.824701)	(23) PGMW3223	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	PGMW3223_E230M (STIS.sp.898294)	(23) PGMW3223	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group up 2-8 in PGMW3223 (NUV+FUV) PART II (74)	2240 Secs (2240 Secs) *[==>]*	***[1]***
3	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Group up 2-8 in PGMW3223 (NUV+FUV) PART II (74)	10 Secs (10 Secs) *[==>]*	***[1]***
4	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=8		Prime + Parallel Group up 2-8 in PGMW3223 (NUV+FUV) PART II (74)	150 Secs (150 Secs) *[==>]*	***[1]***
5	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10		Prime + Parallel Group up 2-8 in PGMW3223 (NUV+FUV) PART II (74)	665 Secs (665 Secs) *[==>]*	***[1]***
6	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group up 2-8 in PGMW3223 (NUV+FUV) PART II (74)	350 Secs (350 Secs) *[==>]*	***[1]***
7	F275W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group up 2-8 in PGMW3223 (NUV+FUV) PART II (74)	350 Secs (350 Secs) *[==>]*	***[1]***
8	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=8		Prime + Parallel Group up 2-8 in PGMW3223 (NUV+FUV) PART II (74)	159 Secs (159 Secs) *[==>]*	***[1]***
9	PGMW3223_E230M (STIS.sp.898294)	(23) PGMW3223	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group up 9-14 in PGMW3223 (NUV+FUV) PART II (74)	2730 Secs (2730 Secs) *[==>]*	***[2]***
10	F275W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group up 9-14 in PGMW3223 (NUV+FUV) PART II (74)	10 Secs (10 Secs) *[==>]*	***[2]***
11	F225W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group up 9-14 in PGMW3223 (NUV+FUV) PART II (74)	700 Secs (700 Secs) *[==>]*	***[2]***
12	F275W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group up 9-14 in PGMW3223 (NUV+FUV) PART II (74)	670 Secs (670 Secs) *[==>]*	***[2]***
13	F336W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group up 9-14 in PGMW3223 (NUV+FUV) PART II (74)	400 Secs (400 Secs) *[==>]*	***[2]***
14	F814W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Group up 9-14 in PGMW3223 (NUV+FUV) PART II (74)	355 Secs (355 Secs) *[==>]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 5
Exp. 9
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 11
Exp. 12
Overhead
Exp. 10
Exp. 14
Exp. 13

Visit

Proposal 14675, SK-6873 (1 COS orbit) (25), scheduling Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, COS/FUV, COS/NUV

Special Requirements: SCHED 100%; ORIENT 70D TO 190 D

Fixed Targets

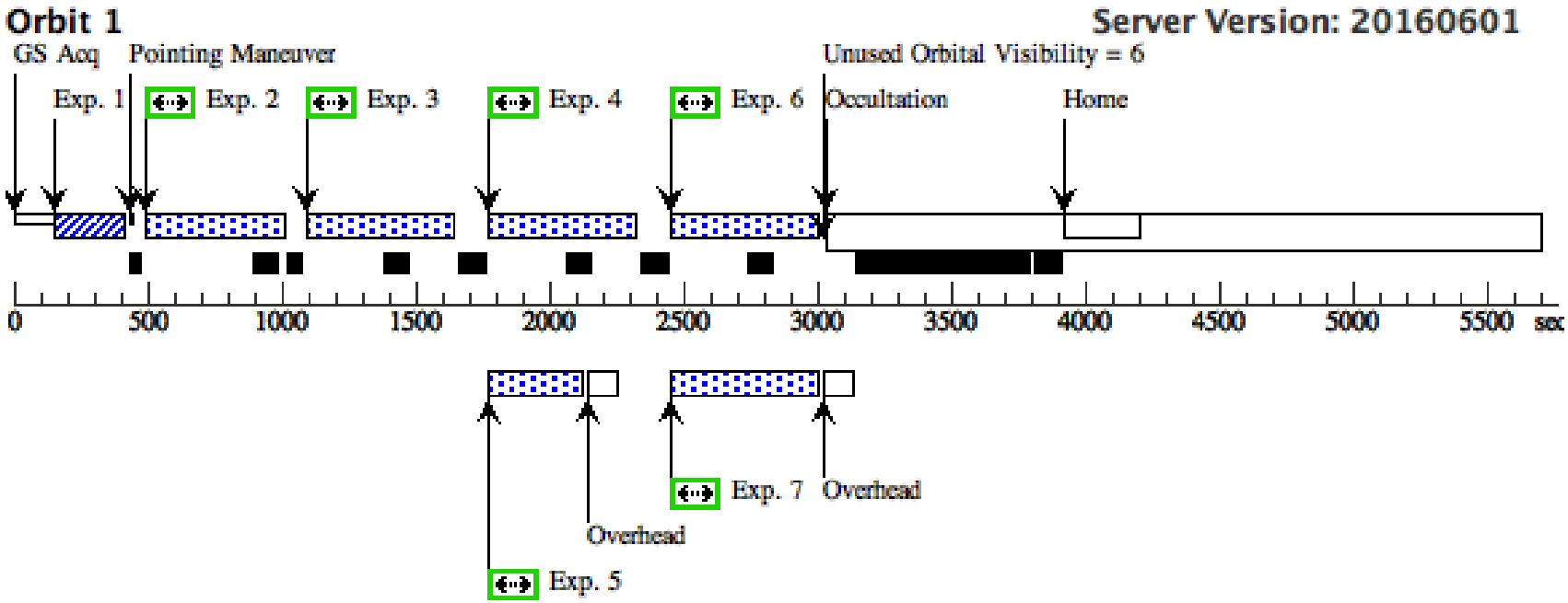
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(24)	SK-6873	RA: 05 22 59.7830 (80.7490958d) Dec: -68 01 46.65 (-68.02963d) Equinox: J2000		V=11.4 Spt= Of/WN FUV/G130M=3.0 e-13 FUV/G160M=3.0e-13 NU V flux=2.5e-13 EBV=0.4	Reference Frame: ICRS

Comments: Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.824 150)	(24) SK-6873	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				15 Secs (15 Secs) *[==>]*	 ***[1]***
	Comments: Unknowns: *80.7603912353516 -68.0306091308594 V= 17.9653* *80.7433166503906 -68.0344161987305 No V* *80.7369232177734 -68.033073425293 V=17.2769* *80.76171875 -68.0330276489258 V= 17.8664*								
2	(COS.sp.824 151)	(24) SK-6873	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; BUFFER-TIME=250			350 Secs (350 Secs) *[==>]*	 ***[1]***
3	(COS.sp.824 151)	(24) SK-6873	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; BUFFER-TIME=250			500 Secs (500 Secs) *[==>]*	 ***[1]***
4	(COS.sp.824 151)	(24) SK-6873	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=250		Prime + Parallel Group 4-5 in SK-6873 (1 COS orbit) (25)	500 Secs (500 Secs) *[==>]*	 ***[1]***
5	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Group 4-5 in SK-6873 (1 COS orbit) (25)	320 Secs (320 Secs) *[==>]*	 ***[1]***
6	(COS.sp.824 151)	(24) SK-6873	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=250		Prime + Parallel Group 6-7 in SK-6873 (1 COS orbit) (25)	500 Secs (500 Secs) *[==>]*	 ***[1]***
7	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 6-7 in SK-6873 (1 COS orbit) (25)	530 Secs (530 Secs) *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 14675, BI237 (NUV STIS+ L) (26), completed Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(25)	BI237	RA: 05 36 14.6393 (84.0609971d) Dec: -67 39 19.15 (-67.65532d) Equinox: J2000		V=13.9 Spt= O2V FUV/G130M=2.2e-13 FUV/G160M=2.2e-13 NUV flux=1.5e-13	Reference Frame: ICRS

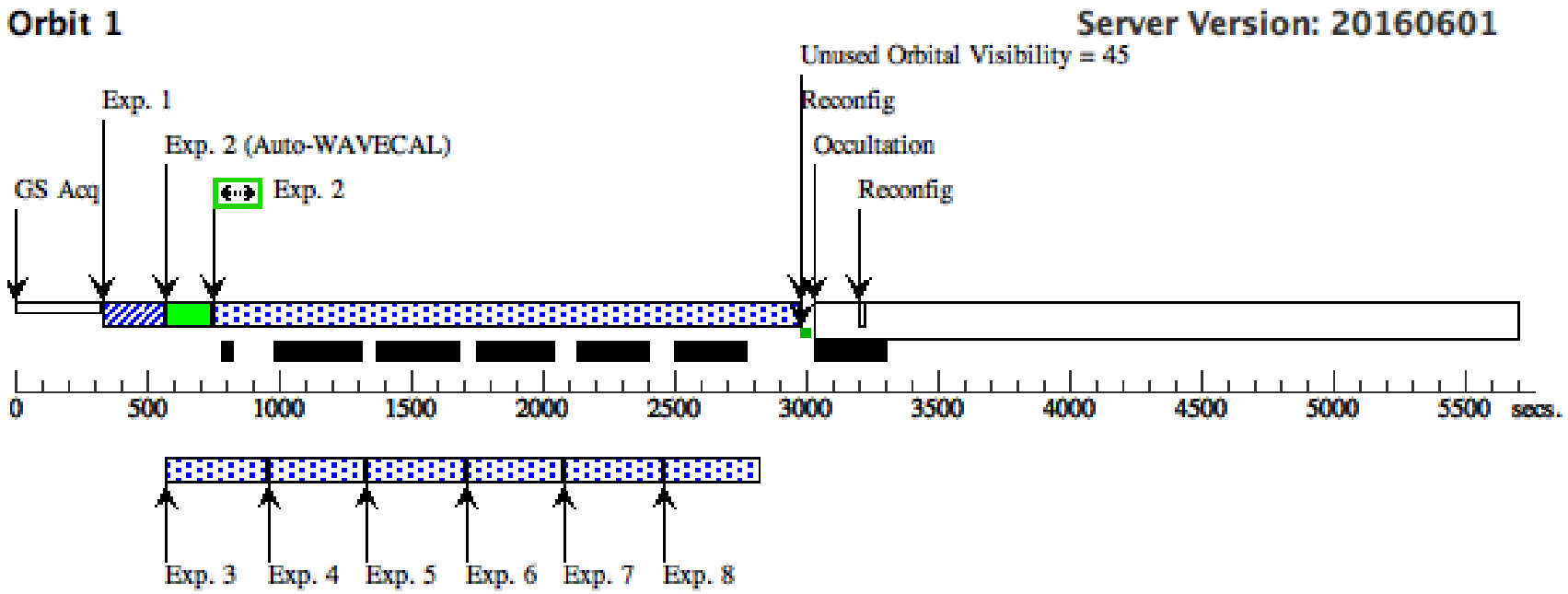
Comments: Extended=NO

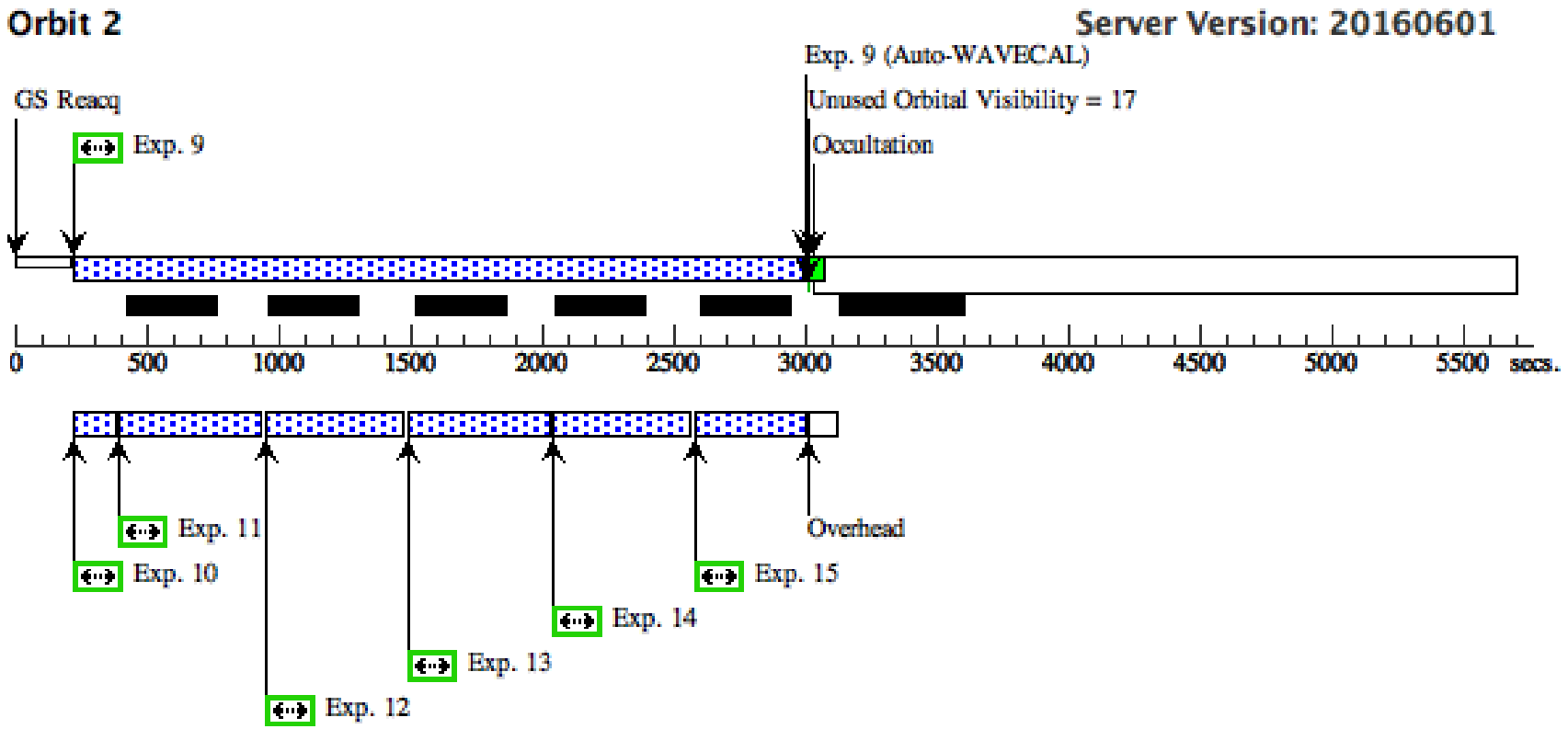
Exposures

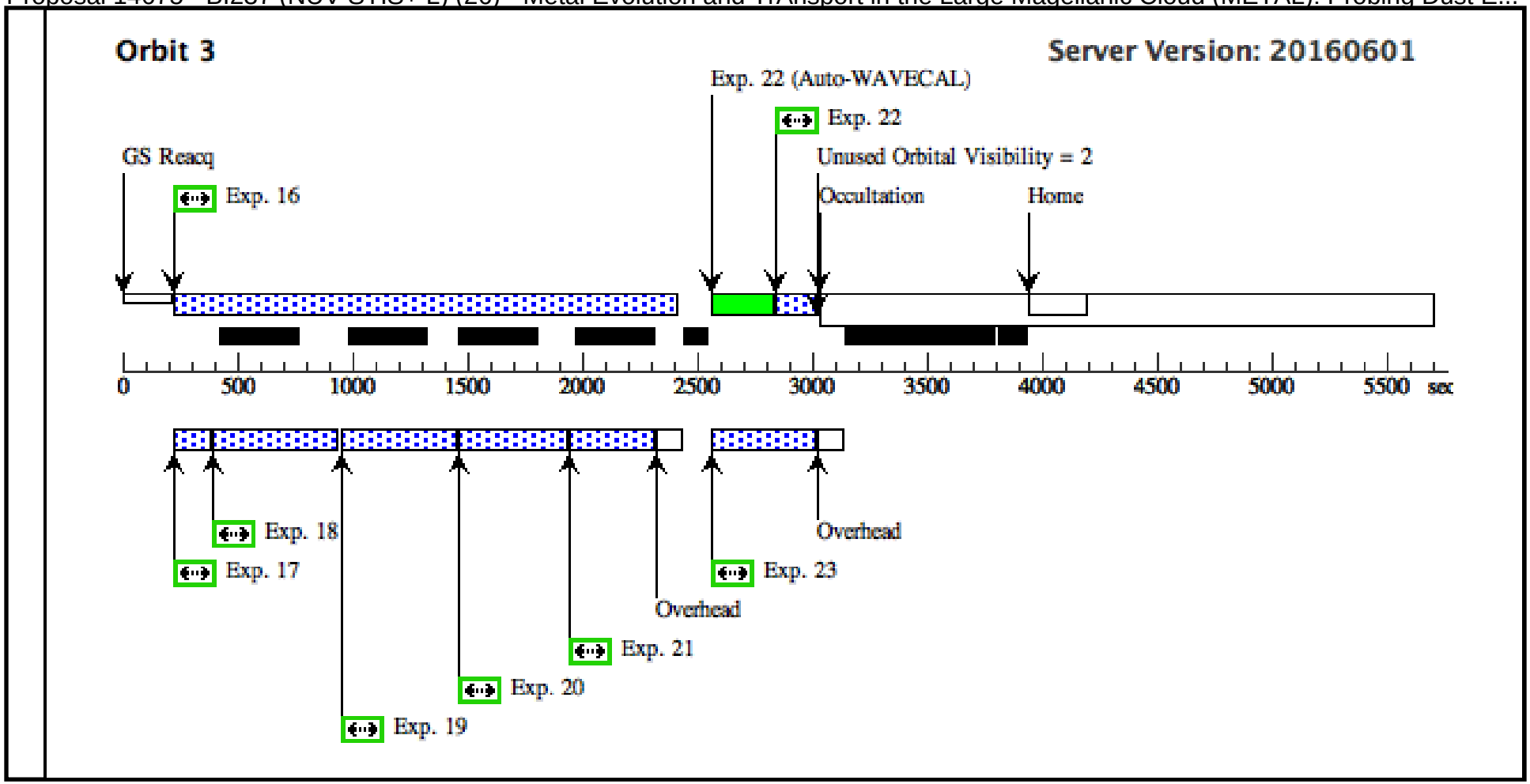
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BI237_ACQ (STIS.ta.824714)	(25) BI237	STIS/CCD, ACQ, F28X50LP	MIRROR				0.2 Secs (0.2 Secs) *[==>]*	*[1]*
2	BI237_E230M (STIS.sp.824716)	(25) BI237	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in BI237 (NUV STIS+ L) (26)	2200 Secs (2200 Secs) *[==>]*	*[1]*
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI237 (NUV STIS+ L) (26)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI237 (NUV STIS+ L) (26)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI237 (NUV STIS+ L) (26)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI237 (NUV STIS+ L) (26)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI237 (NUV STIS+ L) (26)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI237 (NUV STIS+ L) (26)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
9	BI237_E230M (STIS.sp.824716)	(25) BI237	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in BI237 (NUV STIS+ L) (26)	2750 Secs (2750 Secs) *[==>]*	*[2]*
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in BI237 (NUV STIS+ L) (26)	5 Secs (5 Secs) *[==>]*	*[2]*
11	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in BI237 (NUV STIS+ L) (26)	400 Secs (400 Secs) *[==>]*	*[2]*
12	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in BI237 (NUV STIS+ L) (26)	400 Secs (400 Secs) *[==>]*	*[2]*
13	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-15 in BI237 (NUV STIS+ L) (26)	400 Secs (400 Secs) *[==>]*	*[2]*
14	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-15 in BI237 (NUV STIS+ L) (26)	400 Secs (400 Secs) *[==>]*	*[2]*
15	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in BI237 (NUV STIS+ L) (26)	400 Secs (400 Secs) *[==>]*	*[2]*
16	BI237_E230M (STIS.sp.824716)	(25) BI237	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 16-21 in BI237 (NUV STIS+ L) (26)	2170 Secs (2170 Secs) *[==>]*	*[3]*

	17	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11	Prime + Parallel Group 16-21 in BI237 (NUV STIS+ L) (26)	10 Secs (10 Secs) *[==>]*	 ***[3]***
	18	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-21 in BI237 (NUV STIS+ L) (26)	400 Secs (400 Secs) *[==>]*	 ***[3]***
	19	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4	Prime + Parallel Group 16-21 in BI237 (NUV STIS+ L) (26)	352 Secs (352 Secs) *[==>]*	 ***[3]***
	20	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4	Prime + Parallel Group 16-21 in BI237 (NUV STIS+ L) (26)	352 Secs (352 Secs) *[==>]*	 ***[3]***
	21	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 16-21 in BI237 (NUV STIS+ L) (26)	350 Secs (350 Secs) *[==>]*	 ***[3]***
	22	BI237_G230L (STIS.sp.824717)	(25) BI237	STIS/NUV-MAMA, ACCUM, 0.2X0.2	G230L 2376 A		Prime + Parallel Group 22-23 in BI237 (NUV STIS+ L) (26)	100 Secs (100 Secs) *[==>]*	 ***[3]***
	23	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=3	Prime + Parallel Group 22-23 in BI237 (NUV STIS+ L) (26)	450 Secs (450 Secs) *[==>]*	 ***[3]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 17
Exp. 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 11
Overhead
Exp. 10
Exp. 15
Exp. 14
Exp. 13
Exp. 12


Orbit 3
Server Version: 20160601
Exp. 22 (Auto-WAVECAL)
Exp. 22
GS Reacq
Unused Orbital Visibility = 2
Exp. 16
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 18
Overhead
Exp. 17
Exp. 23
Overhead
Exp. 21
Exp. 20
Exp. 19

Visit

Proposal 14675, BI237 COS (27), completed Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: SCHED 100%; ORIENT 0D TO 50 D; ORIENT 180D TO 220 D

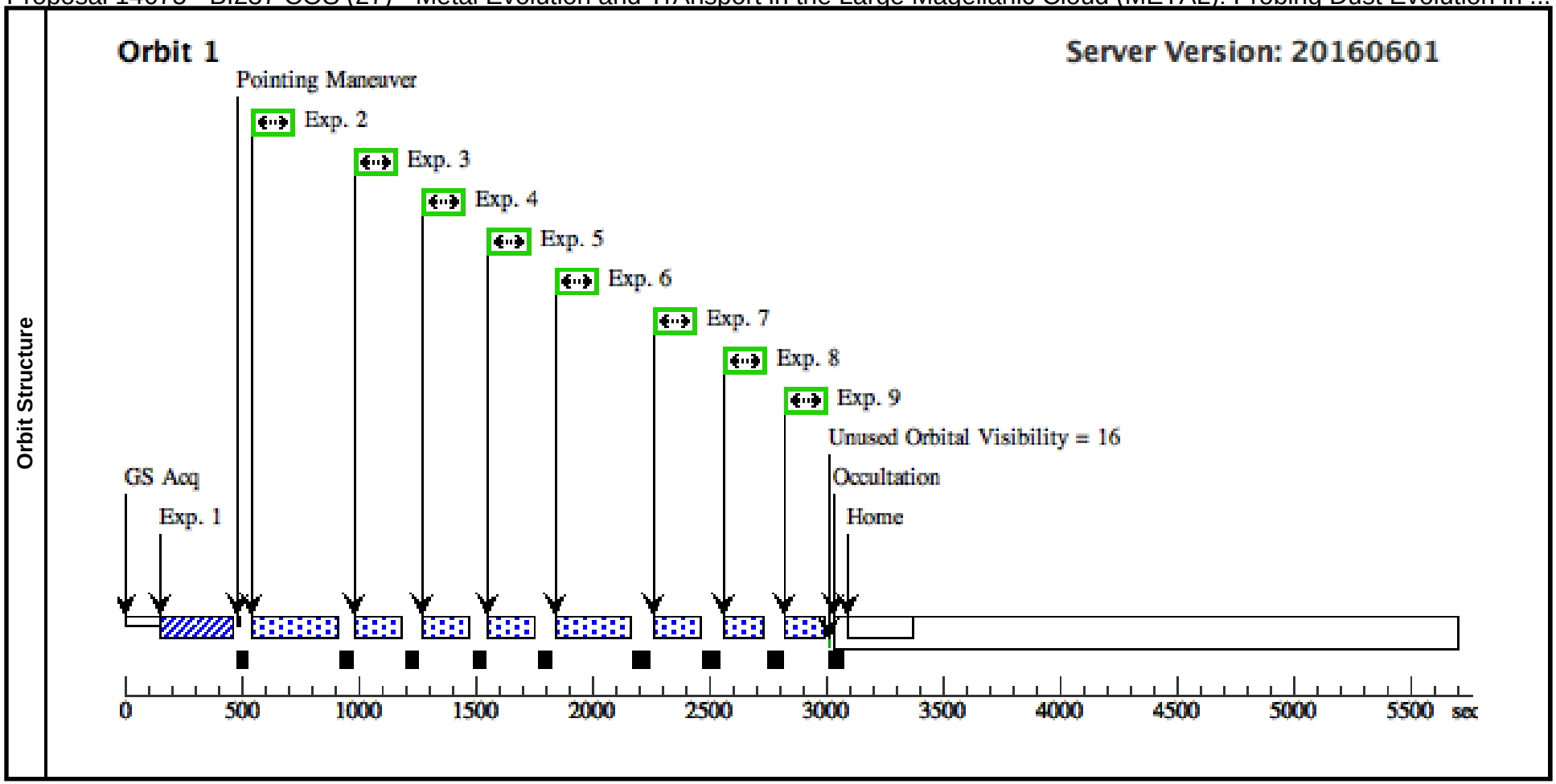
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(25)	BI237	RA: 05 36 14.6393 (84.0609971d) Dec: -67 39 19.15 (-67.65532d) Equinox: J2000		V=13.9 Spt= O2V FUV/G130M=2.2e-13 FUV/G160M=2.2e-13 NUV flux=1.5e-13	Reference Frame: ICRS

Comments: Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BI237_ACQ (COS.ta.824229)	(25) BI237	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40 Secs (40 Secs) *[==>]*	*[1]*
	Comments: Implemented ORIENTS to avoid following field stars: *Unknowns:* *84.0688171386719 -67.6569747924805 No V* *84.0547485351563 -67.6521911621094 no V* *84.0591888427734 -67.6501998901367 V=18.0494* *H&S* *84.0602416992188 -67.6605377197266 V = 16.8508*								
2	BI137_COS_G160M (COS.sp.824224)	(25) BI237	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=1; BUFFER-TIME=340			150 Secs (150 Secs) *[==>]*	*[1]*
3	BI237_COS_G160M (COS.sp.824224)	(25) BI237	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=340			150 Secs (150 Secs) *[==>]*	*[1]*
4	BI237_COS_G160M (COS.sp.824224)	(25) BI237	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=340			150 Secs (150 Secs) *[==>]*	*[1]*
5	BI237_COS_G160M (COS.sp.824224)	(25) BI237	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=340			150 Secs (150 Secs) *[==>]*	*[1]*
6	BI237_COS_G130M (COS.sp.824223)	(25) BI237	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; BUFFER-TIME=250			150 Secs (150 Secs) *[==>]*	*[1]*
7	BI237_COS_G130M (COS.sp.824223)	(25) BI237	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; BUFFER-TIME=250			150 Secs (150 Secs) *[==>]*	*[1]*
8	BI237_COS_G130M (COS.sp.824223)	(25) BI237	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=250			120 Secs (120 Secs) *[==>]*	*[1]*
9	BI237_COS_G130M (COS.sp.824223)	(25) BI237	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=250			120 Secs (120 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20160601
Pointing Maneuver
Exp. 2
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Exp. 7
Exp. 8
Exp. 9
Unused Orbital Visibility = 16
Occultation
Home
GS Acq
Exp. 1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 14675, SK-68129 (5 NUV STIS) (28), completed Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(26)	SK-68129	RA: 05 36 26.7680 (84.1115333d) Dec: -68 57 31.90 (-68.95886d) Equinox: J2000		V=12.8 Spt= B1I FUV/G130M=1.5e-13 FUV/G160M=1.5e-13 NUV flux =8.0e-14	Reference Frame: ICRS

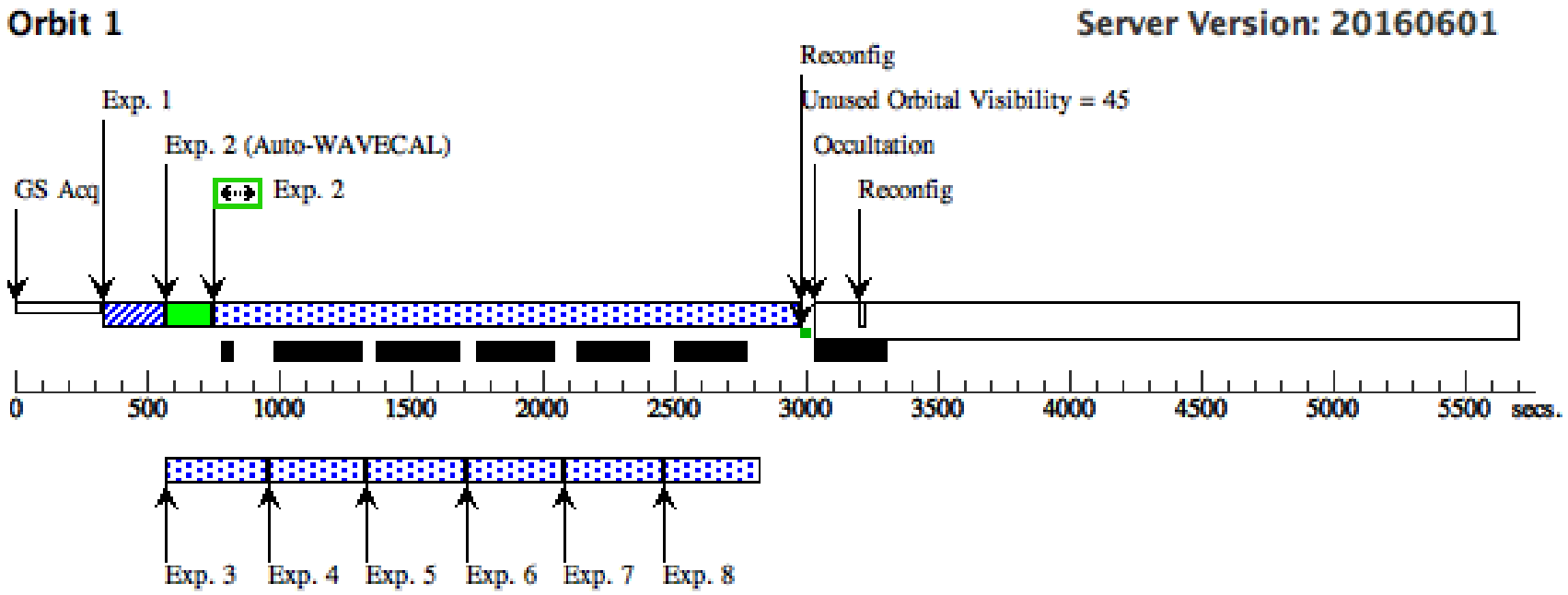
Exposures

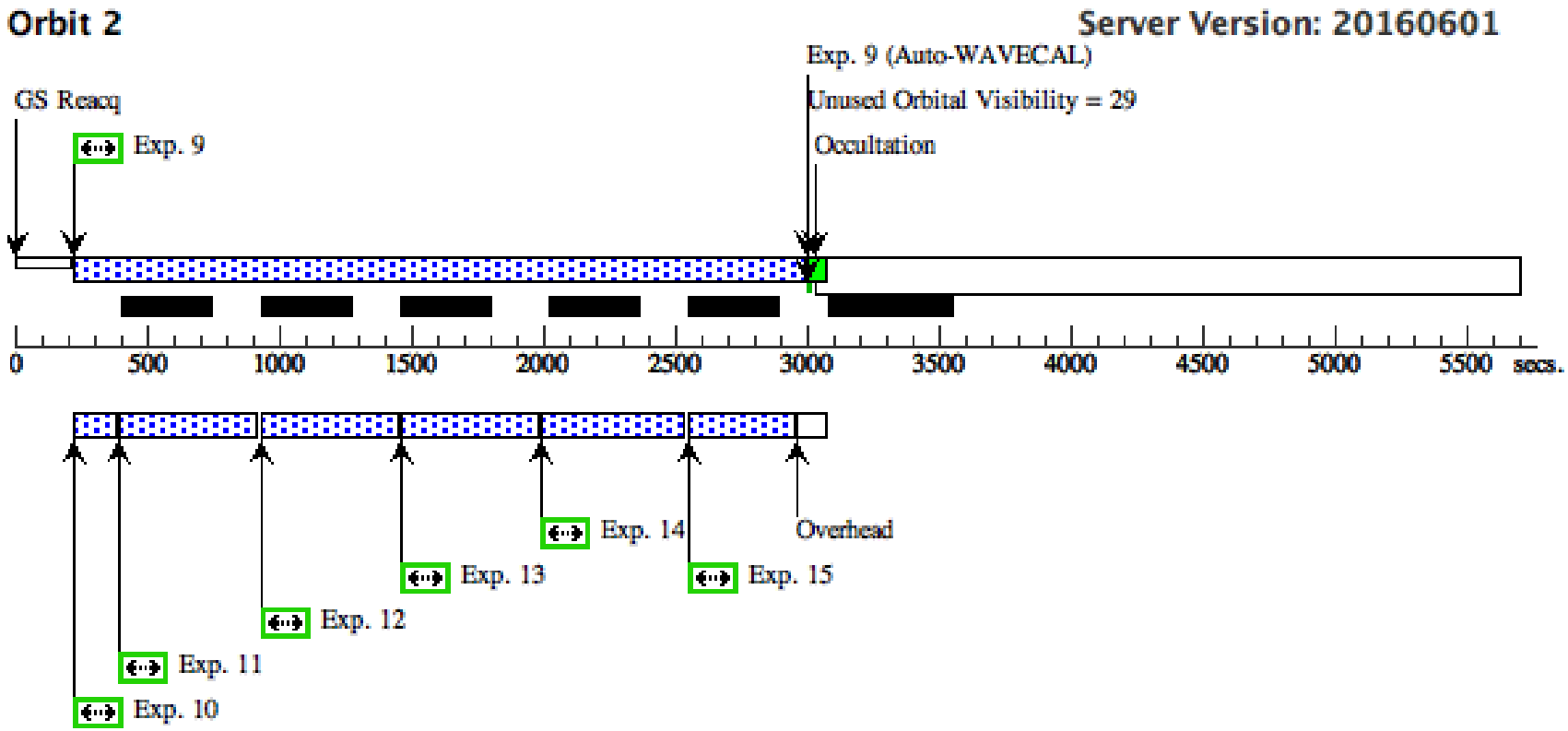
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-69129_ ACQ (STIS.ta.824 718)	(26) SK-68129	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-68129_ E230M (STIS.sp.82 4719)	(26) SK-68129	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 2-8 in SK-68129 (5 NUV STIS) (28)	2200 Secs (2200 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68129 (5 NUV STIS) (28)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68129 (5 NUV STIS) (28)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68129 (5 NUV STIS) (28)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68129 (5 NUV STIS) (28)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68129 (5 NUV STIS) (28)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68129 (5 NUV STIS) (28)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-68129_ E230M (STIS.sp.82 4719)	(26) SK-68129	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 9-15 in SK-68129 (5 NUV STIS) (28)	2750 Secs (2750 Secs) *[==>]*	***[2]***
10	F475W Gua rd	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-68129 (5 NUV STIS) (28)	5 Secs (5 Secs) *[==>]*	***[2]***
11	F475W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Gro up 9-15 in SK-68129 (5 NUV STIS) (28)	400 Secs (400 Secs) *[==>]*	***[2]***
12	F475W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Gro up 9-15 in SK-68129 (5 NUV STIS) (28)	400 Secs (400 Secs) *[==>]*	***[2]***
13	F475W Exp osure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Gro up 9-15 in SK-68129 (5 NUV STIS) (28)	400 Secs (400 Secs) *[==>]*	***[2]***
14	F336W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Gro up 9-15 in SK-68129 (5 NUV STIS) (28)	400 Secs (400 Secs) *[==>]*	***[2]***
15	F336W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Gro up 9-15 in SK-68129 (5 NUV STIS) (28)	400 Secs (400 Secs) *[==>]*	***[2]***
16	SK-68129_ E230M (STIS.sp.82 4719)	(26) SK-68129	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 16-22 in SK-6812 9 (5 NUV STIS) (28)	2750 Secs (2750 Secs) *[==>]*	***[3]***

	17	F336W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11	Prime + Parallel Group 16-22 in SK-68129 (5 NUV STIS) (28)	10 Secs (10 Secs) [==>]	 [3]
	18	F336W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in SK-68129 (5 NUV STIS) (28)	500 Secs (500 Secs) [==>]	 [3]
	19	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in SK-68129 (5 NUV STIS) (28)	500 Secs (500 Secs) [==>]	 [3]
	20	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in SK-68129 (5 NUV STIS) (28)	500 Secs (500 Secs) [==>]	 [3]
	21	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in SK-68129 (5 NUV STIS) (28)	500 Secs (500 Secs) [==>]	 [3]
	22	F225W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=11	Prime + Parallel Group 16-22 in SK-68129 (5 NUV STIS) (28)	15 Secs (15 Secs) [==>]	 [3]
	23	SK-68129_E230M (STIS.sp.824719)	(26) SK-68129	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A		Prime + Parallel Group 23-29 in SK-68129 (5 NUV STIS) (28)	2750 Secs (2750 Secs) [==>]	 [4]
	24	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11	Prime + Parallel Group 23-29 in SK-68129 (5 NUV STIS) (28)	10 Secs (10 Secs) [==>]	 [4]
	25	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=5	Prime + Parallel Group 23-29 in SK-68129 (5 NUV STIS) (28)	295 Secs (295 Secs) [==>]	 [4]
	26	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=10	Prime + Parallel Group 23-29 in SK-68129 (5 NUV STIS) (28)	668 Secs (668 Secs) [==>]	 [4]
	27	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 23-29 in SK-68129 (5 NUV STIS) (28)	352 Secs (352 Secs) [==>]	 [4]
	28	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 23-29 in SK-68129 (5 NUV STIS) (28)	352 Secs (352 Secs) [==>]	 [4]
	29	F275W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 23-29 in SK-68129 (5 NUV STIS) (28)	352 Secs (352 Secs) [==>]	 [4]
	30	SK-68129_E230M (STIS.sp.824719)	(26) SK-68129	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A		Prime + Parallel Group 30-35 in SK-68129 (5 NUV STIS) (28)	2750 Secs (2750 Secs) [==>]	 [5]
	31	F275W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 30-35 in SK-68129 (5 NUV STIS) (28)	10 Secs (10 Secs) [==>]	 [5]
	32	F225W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 30-35 in SK-68129 (5 NUV STIS) (28)	700 Secs (700 Secs) [==>]	 [5]
	33	F275W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 30-35 in SK-68129 (5 NUV STIS) (28)	700 Secs (700 Secs) [==>]	 [5]
	34	F336W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 30-35 in SK-68129 (5 NUV STIS) (28)	400 Secs (400 Secs) [==>]	 [5]

	35	F814W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 30-35 in SK-68129 (5 NUV STIS) (28)	355 Secs (355 Secs) *[==>]*	 ***[5]***

Orbit Structure

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1500
2000
2500
3000
3500
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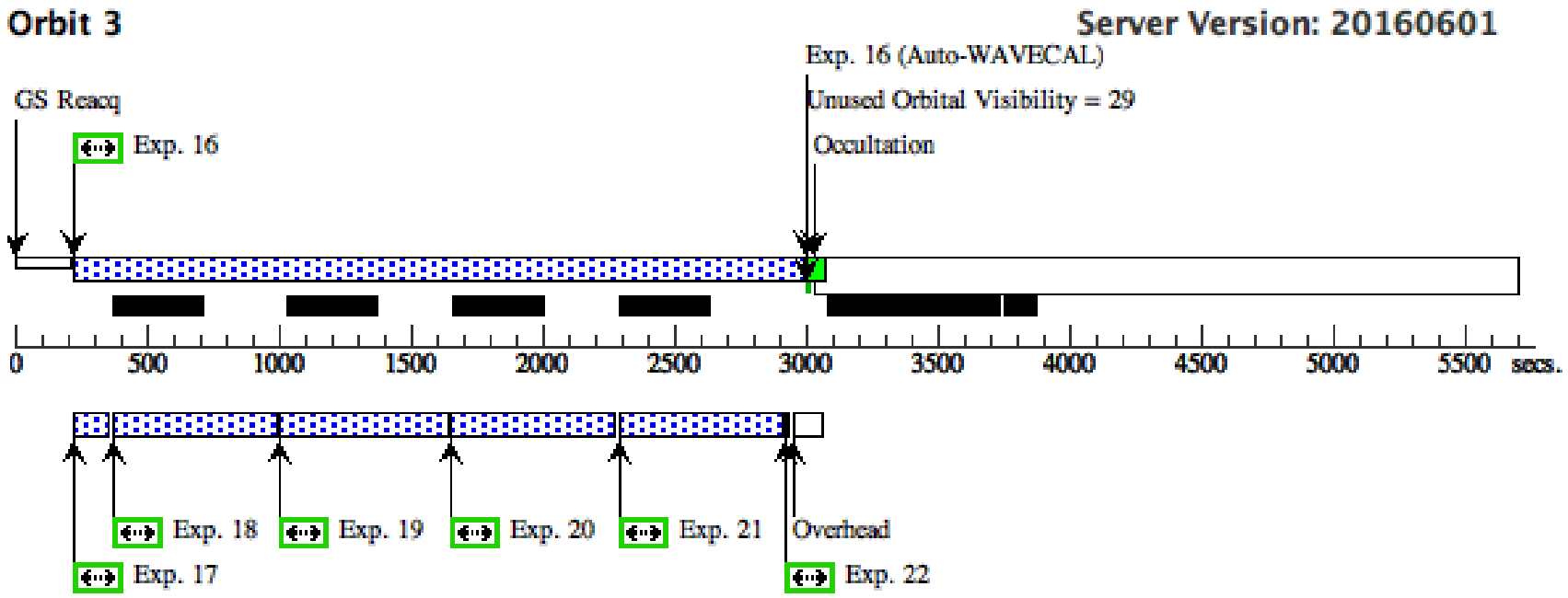
4500
5000
5500
secs.
Exp. 14
Overhead
Exp. 13
Exp. 15
Exp. 12
Exp. 11
Exp. 10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Occultation
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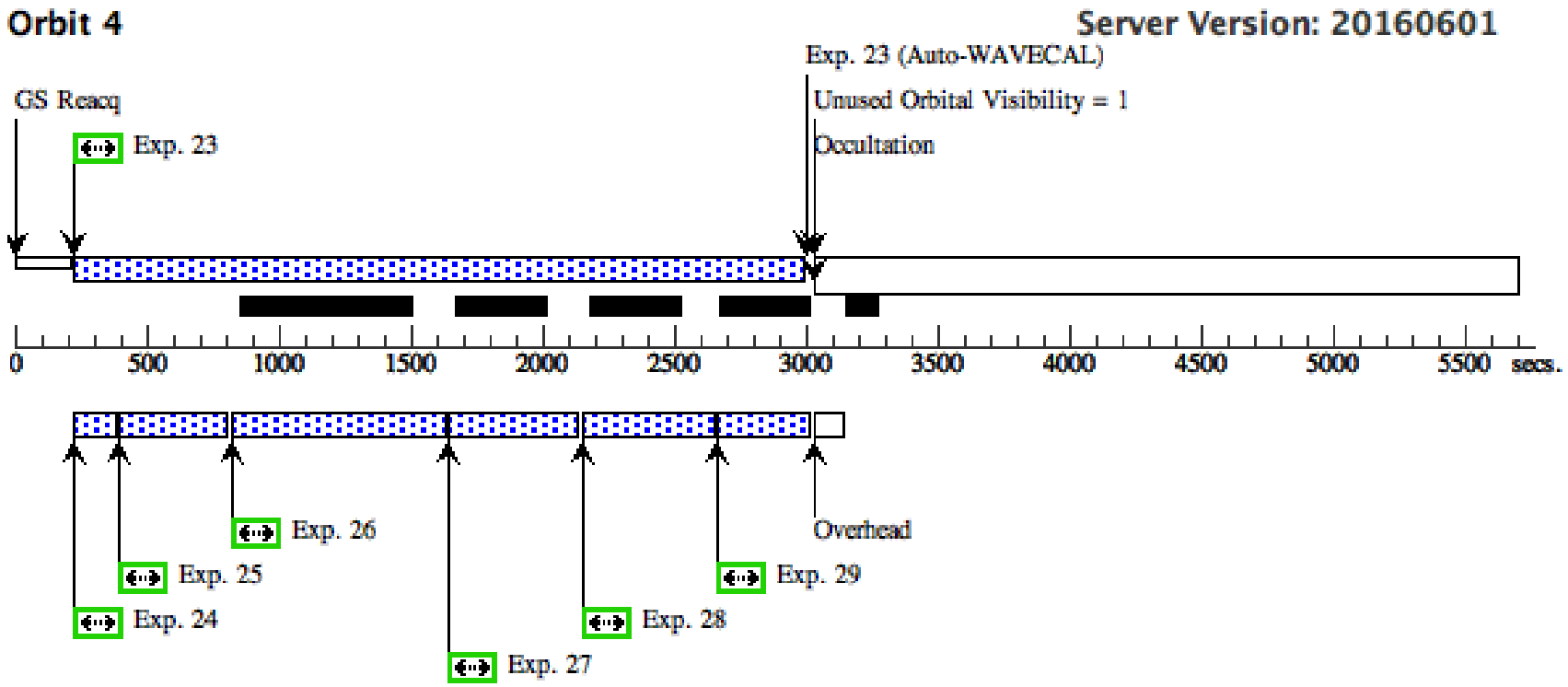
5500
secs.
Exp. 18
Exp. 19
Exp. 20
Exp. 21
Overhead
Exp. 17
Exp. 22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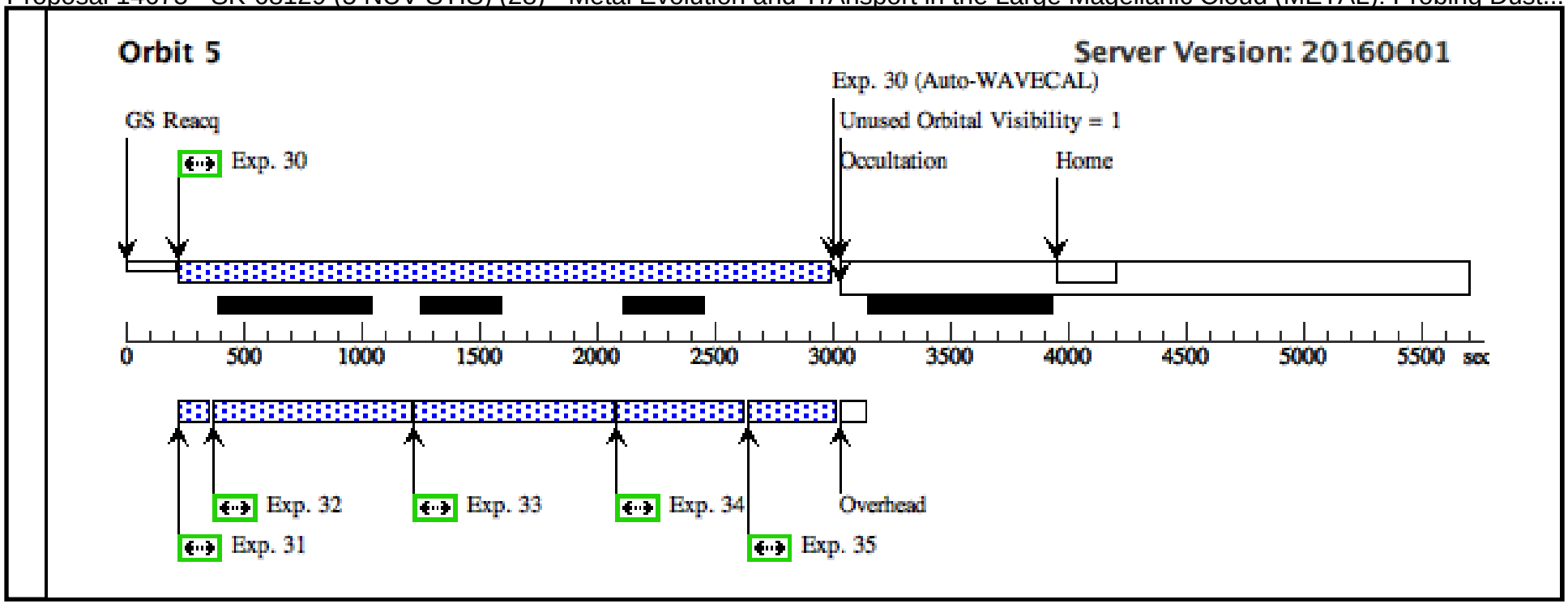
5500
secs.
Exp. 26
Overhead
Exp. 25
Exp. 29
Exp. 24
Exp. 28
Exp. 27


Orbit 5
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Exp. 30 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 1
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Occultation
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1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 32
Exp. 33
Exp. 34
Overhead
Exp. 31
Exp. 35

Visit

Proposal 14675, BI253 (NUV STIS+ L) (29), completed Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(27)	BI253	RA: 05 37 34.4620 (84.3935917d) Dec: -69 01 10.23 (-69.01951d) Equinox: J2000		V=13.8 Spt= O2V FUV/G130M=2.0e-13 FUV/G160M=2.0e-13 NUV flux=0.e+0	Reference Frame: ICRS

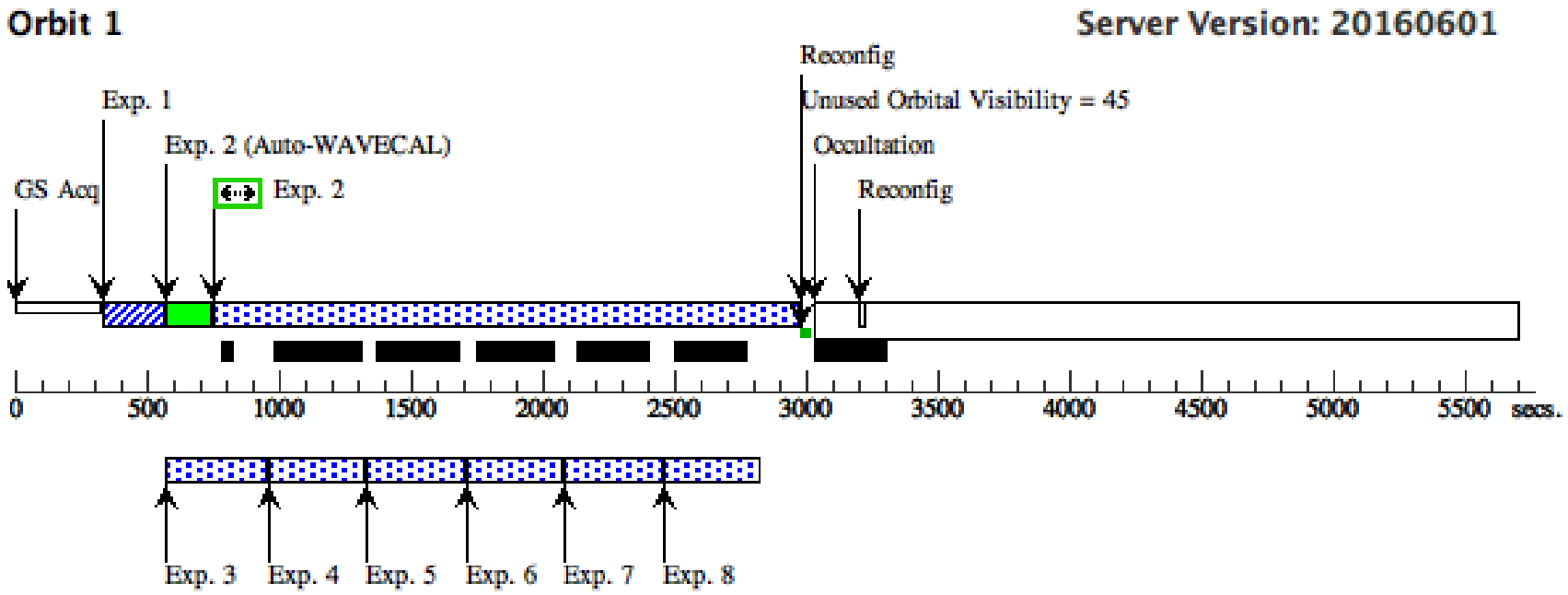
Comments: Extended=NO

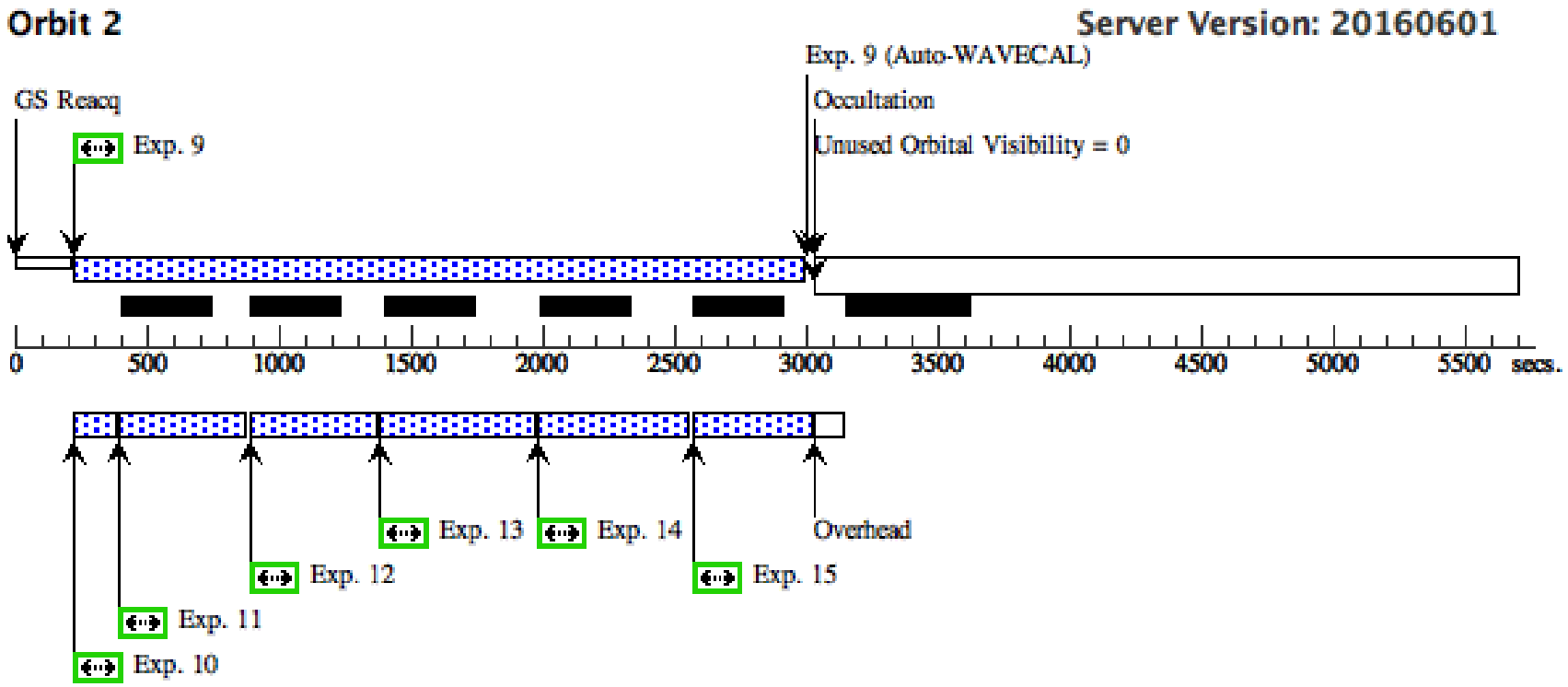
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BI253_ACQ (STIS.ta.824714)	(27) BI253	STIS/CCD, ACQ, F28X50LP	MIRROR				0.2 Secs (0.2 Secs) *[==>]*	*[1]*
2	BI253_E230M (STIS.sp.824722)	(27) BI253	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in BI253 (NUV STIS+ L) (29)	2200 Secs (2200 Secs) *[==>]*	*[1]*
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI253 (NUV STIS+ L) (29)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI253 (NUV STIS+ L) (29)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI253 (NUV STIS+ L) (29)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI253 (NUV STIS+ L) (29)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI253 (NUV STIS+ L) (29)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in BI253 (NUV STIS+ L) (29)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
9	BI253_E230M (STIS.sp.824722)	(27) BI253	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in BI253 (NUV STIS+ L) (29)	2750 Secs (2750 Secs) *[==>]*	*[2]*
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in BI253 (NUV STIS+ L) (29)	5 Secs (5 Secs) *[==>]*	*[2]*
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in BI253 (NUV STIS+ L) (29)	360 Secs (360 Secs) *[==>]*	*[2]*
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in BI253 (NUV STIS+ L) (29)	360 Secs (360 Secs) *[==>]*	*[2]*
13	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in BI253 (NUV STIS+ L) (29)	450 Secs (450 Secs) *[==>]*	*[2]*
14	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in BI253 (NUV STIS+ L) (29)	450 Secs (450 Secs) *[==>]*	*[2]*
15	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in BI253 (NUV STIS+ L) (29)	449 Secs (449 Secs) *[==>]*	*[2]*
16	BI253_E230M (STIS.sp.824722)	(27) BI253	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 16-22 in BI253 (NUV STIS+ L) (29)	2750 Secs (2750 Secs) *[==>]*	*[3]*

	17	F336W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11	Prime + Parallel Group 16-22 in BI253 (NUV STIS+ L) (29)	10 Secs (10 Secs) [==>]	 ***[3]***
	18	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in BI253 (NUV STIS+ L) (29)	400 Secs (400 Secs) [==>]	 ***[3]***
	19	F225W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in BI253 (NUV STIS+ L) (29)	670 Secs (670 Secs) [==>]	 ***[3]***
	20	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in BI253 (NUV STIS+ L) (29)	460 Secs (460 Secs) [==>]	 ***[3]***
	21	F336W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in BI253 (NUV STIS+ L) (29)	460 Secs (460 Secs) [==>]	 ***[3]***
	22	F275W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 16-22 in BI253 (NUV STIS+ L) (29)	15 Secs (15 Secs) [==>]	 ***[3]***
	23	BI253_E230M (STIS.sp.824722)	(27) BI253	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A		Prime + Parallel Group 23-28 in BI253 (NUV STIS+ L) (29)	2195 Secs (2195 Secs) [==>]	 ***[4]***
	24	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11	Prime + Parallel Group 23-28 in BI253 (NUV STIS+ L) (29)	10 Secs (10 Secs) [==>]	 ***[4]***
	25	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 23-28 in BI253 (NUV STIS+ L) (29)	350 Secs (350 Secs) [==>]	 ***[4]***
	26	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 23-28 in BI253 (NUV STIS+ L) (29)	350 Secs (350 Secs) [==>]	 ***[4]***
	27	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 23-28 in BI253 (NUV STIS+ L) (29)	399 Secs (399 Secs) [==>]	 ***[4]***
	28	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 23-28 in BI253 (NUV STIS+ L) (29)	399 Secs (399 Secs) [==>]	 ***[4]***
	29	BI253_G230L (STIS.sp.824717)	(27) BI253	STIS/NUV-MAMA, ACCUM, 0.2X0.2	G230L 2376 A		Prime + Parallel Group 29-30 in BI253 (NUV STIS+ L) (29)	100 Secs (100 Secs) [==>]	 ***[4]***
	30	F275W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 29-30 in BI253 (NUV STIS+ L) (29)	450 Secs (450 Secs) [==>]	 ***[4]***

Orbit Structure

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1500
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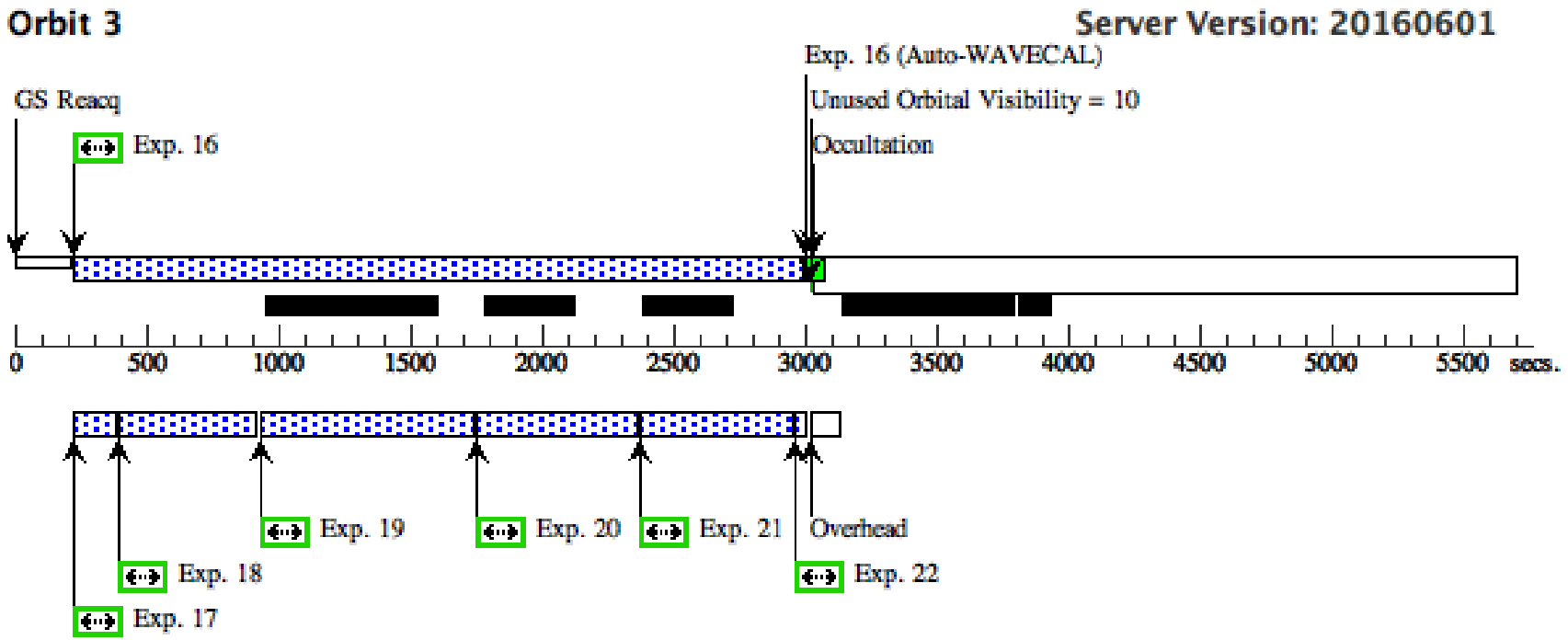
secs.
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10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secs.
Exp. 19
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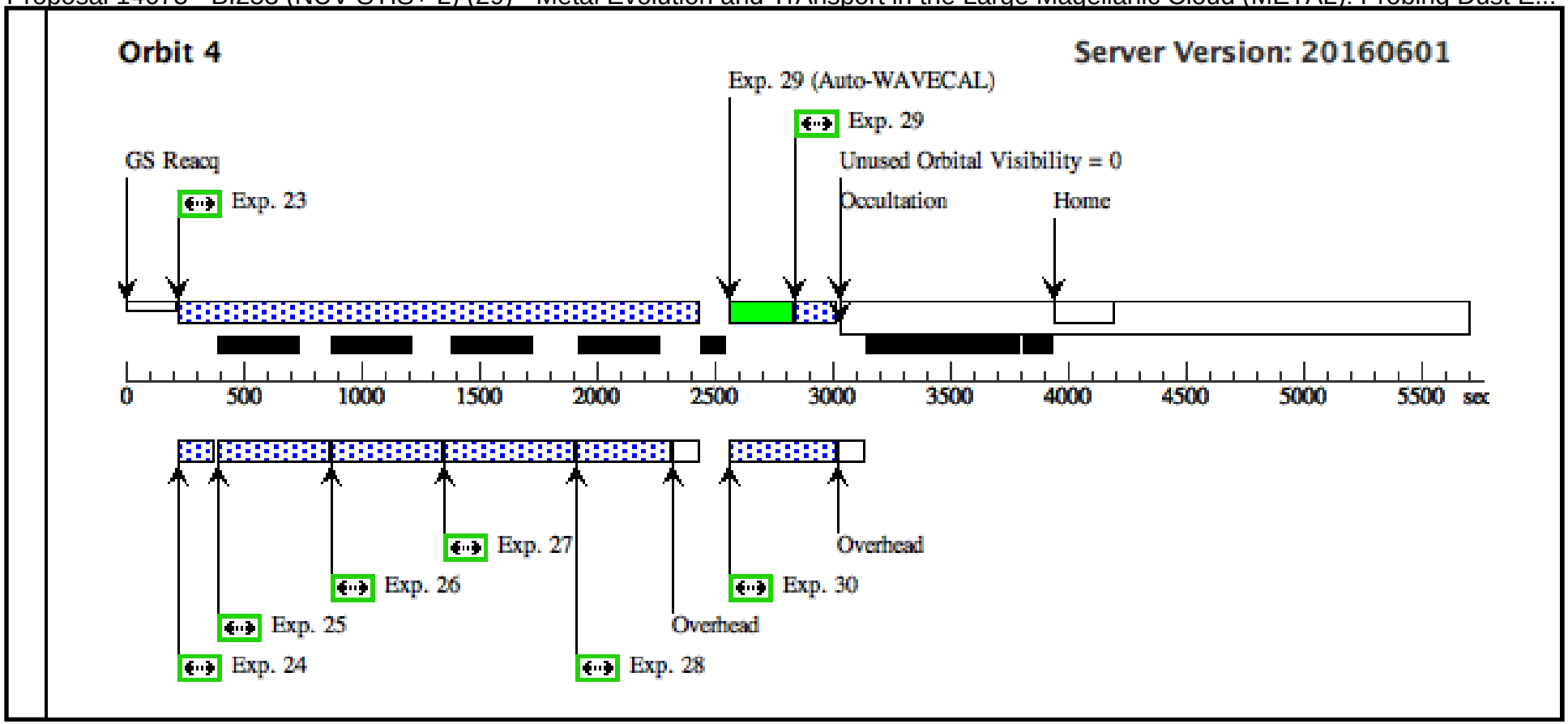
Exp. 21
Overhead
Exp. 18
Exp. 22
Exp. 17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3000
3500
4000
4500
5000
5500
sec
Exp. 27
Overhead
Exp. 26
Exp. 30
Exp. 25
Overhead
Exp. 24
Exp. 28

Visit

Proposal 14675, BI253 COS (30), completed Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: SCHED 100%; ORIENT 200D TO 60 D

Fixed Targets

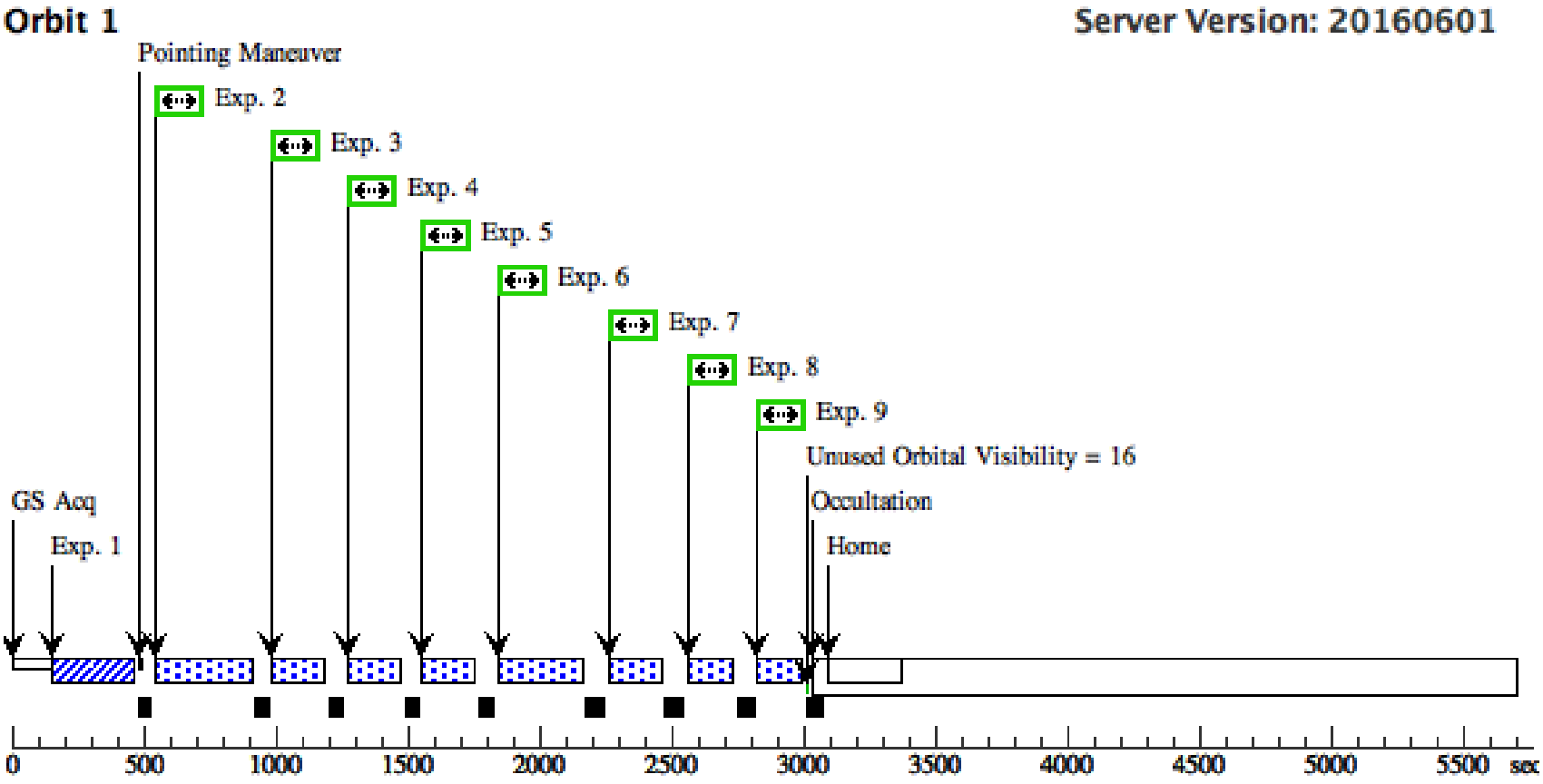
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(27)	BI253	RA: 05 37 34.4620 (84.3935917d) Dec: -69 01 10.23 (-69.01951d) Equinox: J2000		V=13.8 Spt= O2V FUV/G130M=2.0e-13 FUV/G160M=2.0e-13 NUV flux=0.e+0	Reference Frame: ICRS

Comments: Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BI253_ACQ (COS.ta.824229)	(27) BI253	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40 Secs (40 Secs) *[==>]*	*[1]*
	Comments: Unkonwn (BOA): 84.3946151733398 -69.0171051025391 No V From MCPS: V = 19.32, U = 20.15, B = 20.32, safe for BOA. *Other field stars in PSA coverage taken care of by ORIENT*								
2	BI253_COS_G160M (COS.sp.824233)	(27) BI253	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=1; BUFFER-TIME=340			150 Secs (150 Secs) *[==>]*	*[1]*
3	BI253_COS_G160M (COS.sp.824233)	(27) BI253	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=340			150 Secs (150 Secs) *[==>]*	*[1]*
4	BI253_COS_G160M (COS.sp.824233)	(27) BI253	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=340			150 Secs (150 Secs) *[==>]*	*[1]*
5	BI253_COS_G160M (COS.sp.824233)	(27) BI253	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=340			150 Secs (150 Secs) *[==>]*	*[1]*
6	BI253_COS_G130M (COS.sp.824234)	(27) BI253	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; BUFFER-TIME=250			150 Secs (150 Secs) *[==>]*	*[1]*
7	BI253_COS_G130M (COS.sp.824234)	(27) BI253	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; BUFFER-TIME=250			150 Secs (150 Secs) *[==>]*	*[1]*
8	BI253_COS_G130M (COS.sp.824234)	(27) BI253	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=250			120 Secs (120 Secs) *[==>]*	*[1]*
9	BI253_COS_G130M (COS.sp.824234)	(27) BI253	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=250			120 Secs (120 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 14675, SK-68135 (NUV+FUV) (31), completed Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA

Special Requirements: SCHED 100%

Fixed Targets

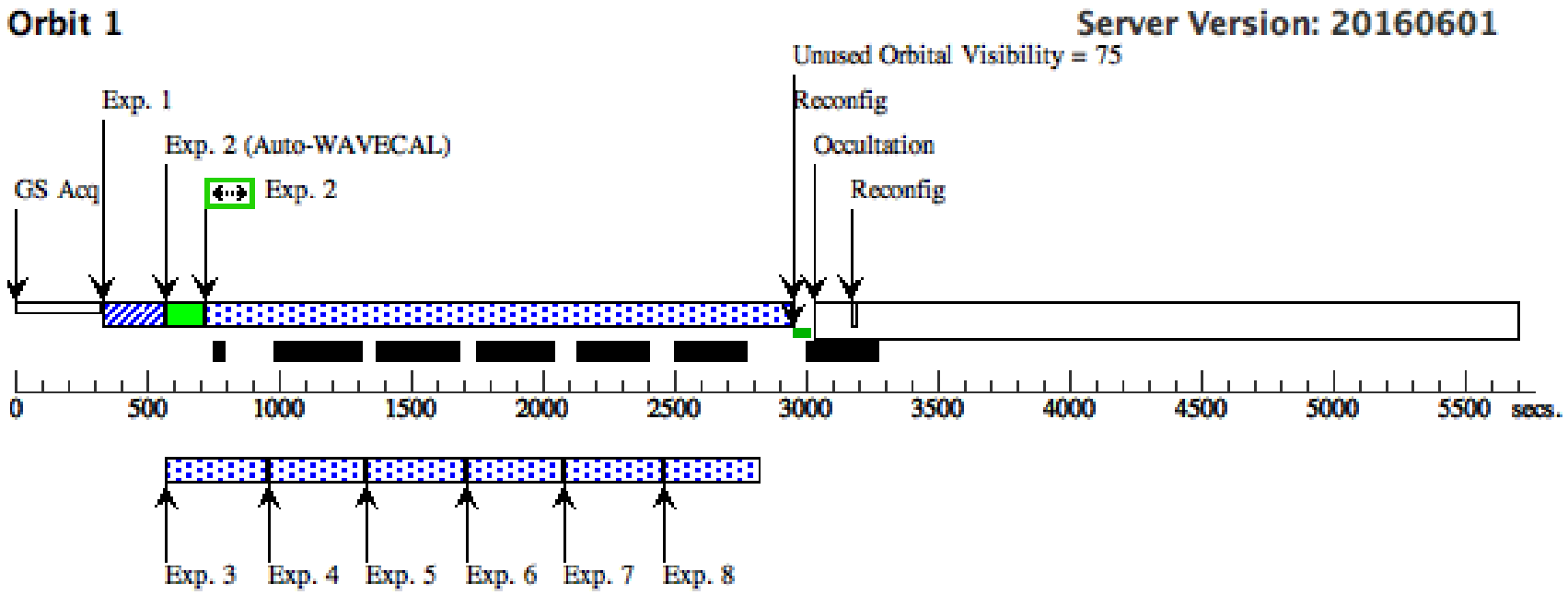
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(28)	SK-68135	RA: 05 37 49.1300 (84.4547083d) Dec: -68 55 1.67 (-68.91713d) Equinox: J2000		V=11.4 Spt= ON9.7Ia+ FUV/G130M=8.0e-13 FUV/G160M=7.0e-13 NUV flux=5.5e-13	Reference Frame: ICRS

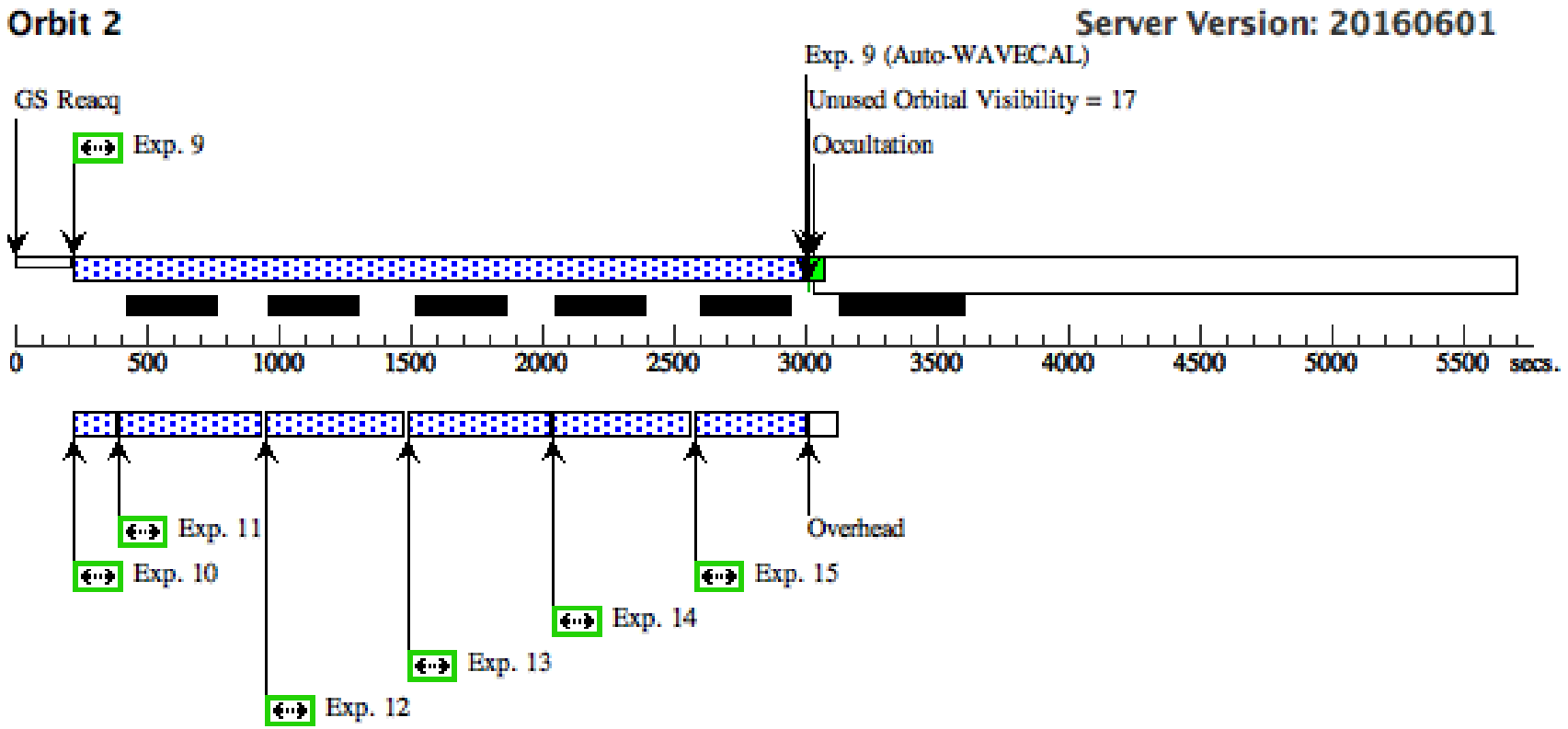
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-68135_ ACQ (STIS.ta.824 723)	(28) SK-68135	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
2	SK-68135_ E140M (STIS.sp.82 4730)	(28) SK-68135	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Gro up 2-8 in SK-68135 (NUV+FUV) (31)	2200 Secs (2200 Secs)	
								[==>]	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68135 (NUV+FUV) (31)	349.232932 Secs (349.233 Secs)	
								[==>]	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68135 (NUV+FUV) (31)	349.232932 Secs (349.233 Secs)	
								[==>]	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68135 (NUV+FUV) (31)	349.232932 Secs (349.233 Secs)	
								[==>]	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68135 (NUV+FUV) (31)	349.232932 Secs (349.233 Secs)	
								[==>]	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68135 (NUV+FUV) (31)	349.232932 Secs (349.233 Secs)	
								[==>]	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP5 0		Prime + Parallel Gro up 2-8 in SK-68135 (NUV+FUV) (31)	349.232932 Secs (349.233 Secs)	
								[==>]	***[1]***
9	SK-68135_ E140M (STIS.sp.82 4730)	(28) SK-68135	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A			Prime + Parallel Gro up 9-15 in SK-68135 (NUV+FUV) (31)	2750 Secs (2750 Secs)	
								[==>]	***[2]***
10	F475W Gua rd	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-68135 (NUV+FUV) (31)	5 Secs (5 Secs)	
								[==>]	***[2]***
11	F275W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-68135 (NUV+FUV) (31)	400 Secs (400 Secs)	
								[==>]	***[2]***
12	F275W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-68135 (NUV+FUV) (31)	400 Secs (400 Secs)	
								[==>]	***[2]***
13	F336W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Gro up 9-15 in SK-68135 (NUV+FUV) (31)	400 Secs (400 Secs)	
								[==>]	***[2]***
14	F336W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Gro up 9-15 in SK-68135 (NUV+FUV) (31)	400 Secs (400 Secs)	
								[==>]	***[2]***
15	F225W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Gro up 9-15 in SK-68135 (NUV+FUV) (31)	400 Secs (400 Secs)	
								[==>]	***[2]***
16	SK-68135_ E230M (STIS.sp.82 7396)	(28) SK-68135	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 16-22 in SK-6813 5 (NUV+FUV) (31)	2580 Secs (2580 Secs)	
								[==>]	***[3]***

	17	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11	Prime + Parallel Group 16-22 in SK-68135 (NUV+FUV) (31)	10 Secs (10 Secs) *[==>]*	 ***[3]***
	18	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 16-22 in SK-68135 (NUV+FUV) (31)	340 Secs (340 Secs) *[==>]*	 ***[3]***
	19	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in SK-68135 (NUV+FUV) (31)	670 Secs (670 Secs) *[==>]*	 ***[3]***
	20	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4	Prime + Parallel Group 16-22 in SK-68135 (NUV+FUV) (31)	352 Secs (352 Secs) *[==>]*	 ***[3]***
	21	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4	Prime + Parallel Group 16-22 in SK-68135 (NUV+FUV) (31)	352 Secs (352 Secs) *[==>]*	 ***[3]***
	22	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 16-22 in SK-68135 (NUV+FUV) (31)	340 Secs (340 Secs) *[==>]*	 ***[3]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 17
Exp. 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
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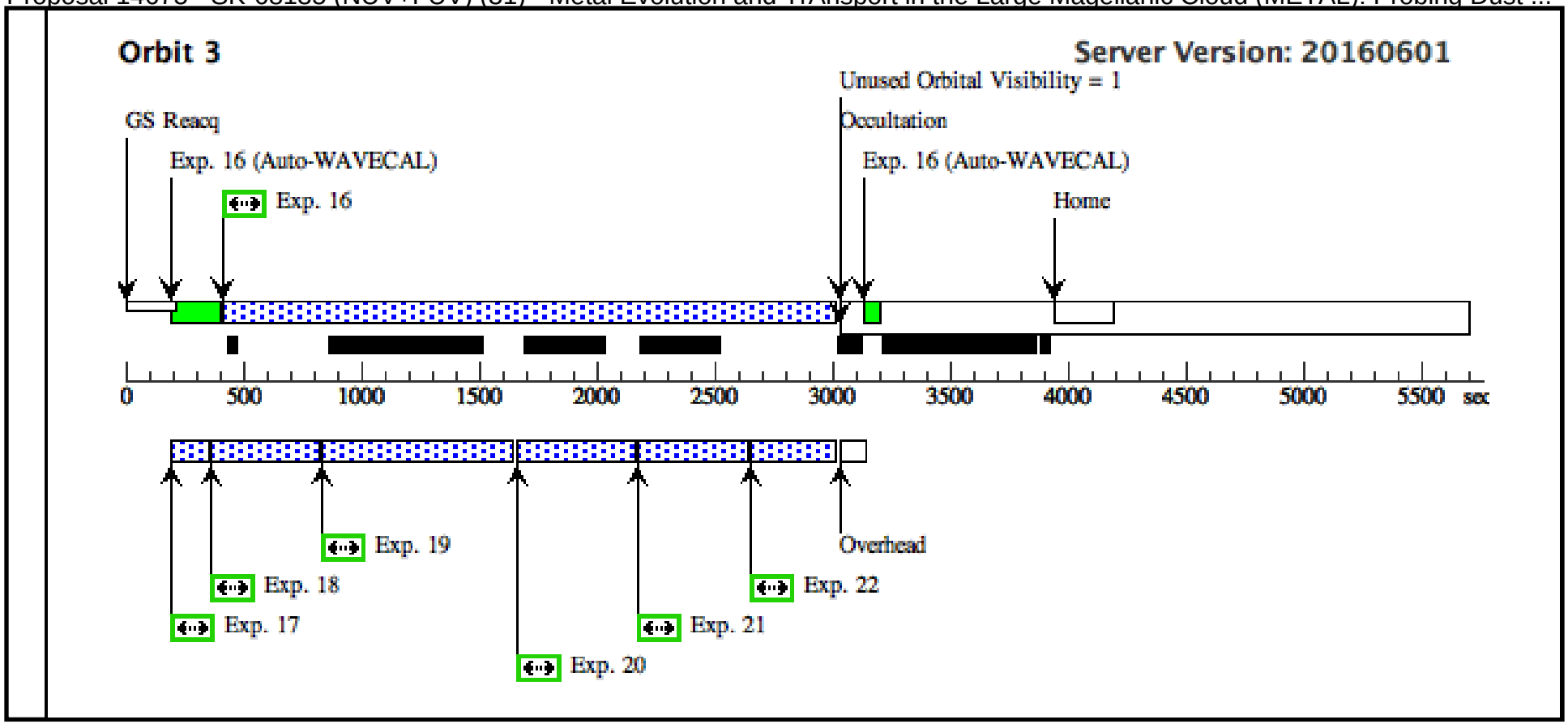
4500
5000
5500
secs.
Exp. 11
Overhead
Exp. 10
Exp. 15
Exp. 14
Exp. 13
Exp. 12


Orbit 3
Server Version: 20160601
Unused Orbital Visibility = 1
GS Reacq
Occultation
Exp. 16 (Auto-WAVECAL)
Exp. 16 (Auto-WAVECAL)
Exp. 16
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 19
Overhead
Exp. 18
Exp. 22
Exp. 17
Exp. 21
Exp. 20

Visit

Proposal 14675, SK-68140 NUV (32), failed Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

Fixed Targets

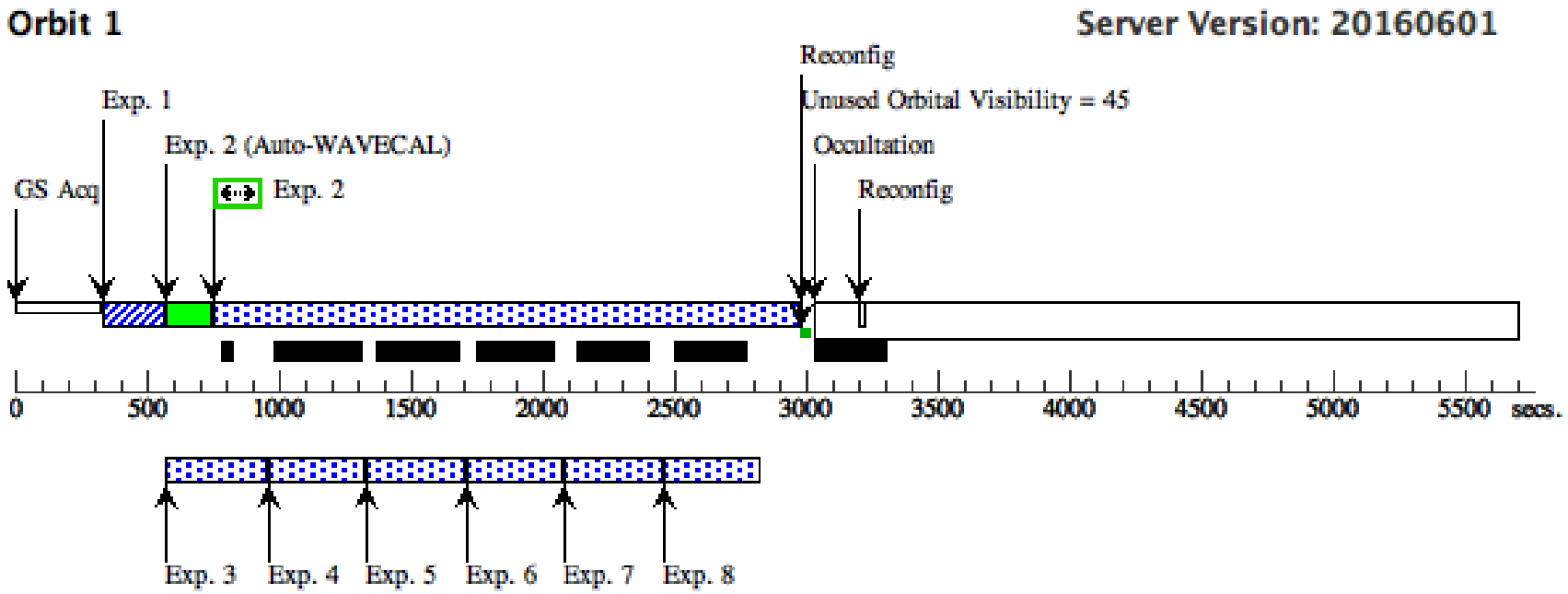
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	SK-68140	RA: 05 38 57.1800 (84.7382500d) Dec: -68 56 53.10 (-68.94808d) Equinox: J2000		V=12.8 Spt= B0Ia FUV/G130M=1.5e-13 FUV/G160M=1.5e-13 NUV flux=1.1e-13	Reference Frame: ICRS

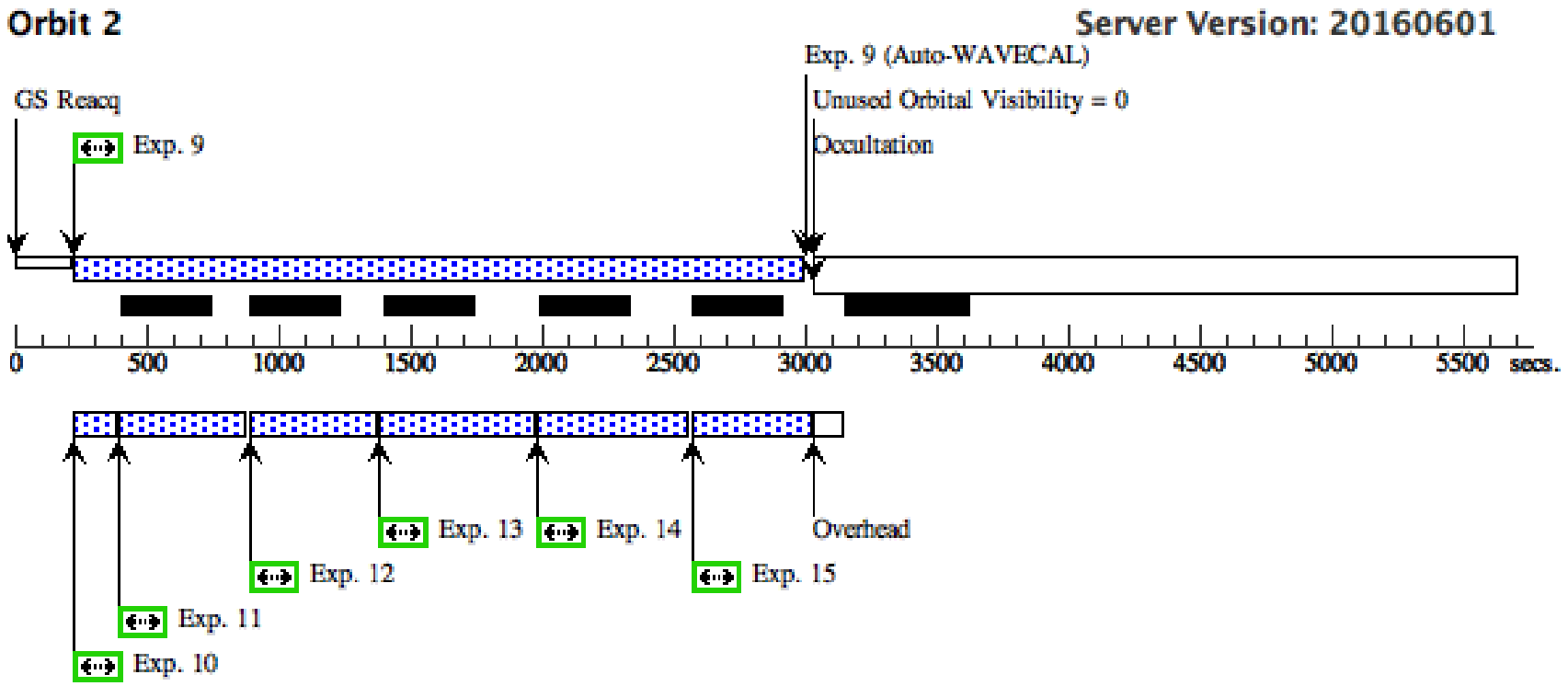
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-68140_ ACQ (STIS.ta.824 732)	(29) SK-68140	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-68140_ E230M (STIS.sp.82 4734)	(29) SK-68140	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-68140 NUV (32)	2200 Secs (2200 Secs) *[==>]*	*[1]*
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-68140 NUV (32)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-68140 NUV (32)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-68140 NUV (32)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-68140 NUV (32)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-68140 NUV (32)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-68140 NUV (32)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
9	SK-68140_ E230M (STIS.sp.82 4734)	(29) SK-68140	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in SK-68140 NUV (32)	2750 Secs (2750 Secs) *[==>]*	*[2]*
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in SK-68140 NUV (32)	5 Secs (5 Secs) *[==>]*	*[2]*
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-68140 NUV (32)	360 Secs (360 Secs) *[==>]*	*[2]*
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-68140 NUV (32)	360 Secs (360 Secs) *[==>]*	*[2]*
13	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-68140 NUV (32)	450 Secs (450 Secs) *[==>]*	*[2]*
14	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-68140 NUV (32)	450 Secs (450 Secs) *[==>]*	*[2]*
15	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-68140 NUV (32)	449 Secs (449 Secs) *[==>]*	*[2]*
16	SK-68140_ E230M (STIS.sp.82 4734)	(29) SK-68140	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 16-22 in SK-68140 NUV (32)	2750 Secs (2750 Secs) *[==>]*	*[3]*

	17	F336W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11	Prime + Parallel Group 16-22 in SK-68140 NUV (32)	10 Secs (10 Secs) [==>]	 **[3]**
	18	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in SK-68140 NUV (32)	450 Secs (450 Secs) [==>]	 **[3]**
	19	F225W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in SK-68140 NUV (32)	670 Secs (670 Secs) [==>]	 **[3]**
	20	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in SK-68140 NUV (32)	440 Secs (440 Secs) [==>]	 **[3]**
	21	F336W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10	Prime + Parallel Group 16-22 in SK-68140 NUV (32)	440 Secs (440 Secs) [==>]	 **[3]**
	22	F275W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 16-22 in SK-68140 NUV (32)	15 Secs (15 Secs) [==>]	 **[3]**
	23	SK-68140_E230M (STIS.sp.824734)	(29) SK-68140	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A		Prime + Parallel Group 23-29 in SK-68140 NUV (32)	2750 Secs (2750 Secs) [==>]	 **[4]**
	24	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11	Prime + Parallel Group 23-29 in SK-68140 NUV (32)	10 Secs (10 Secs) [==>]	 **[4]**
	25	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 23-29 in SK-68140 NUV (32)	350 Secs (350 Secs) [==>]	 **[4]**
	26	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 23-29 in SK-68140 NUV (32)	350 Secs (350 Secs) [==>]	 **[4]**
	27	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 23-29 in SK-68140 NUV (32)	455 Secs (455 Secs) [==>]	 **[4]**
	28	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 23-29 in SK-68140 NUV (32)	455 Secs (455 Secs) [==>]	 **[4]**
	29	F275W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11	Prime + Parallel Group 23-29 in SK-68140 NUV (32)	455 Secs (455 Secs) [==>]	 **[4]**

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 0
Exp. 9
Occultation
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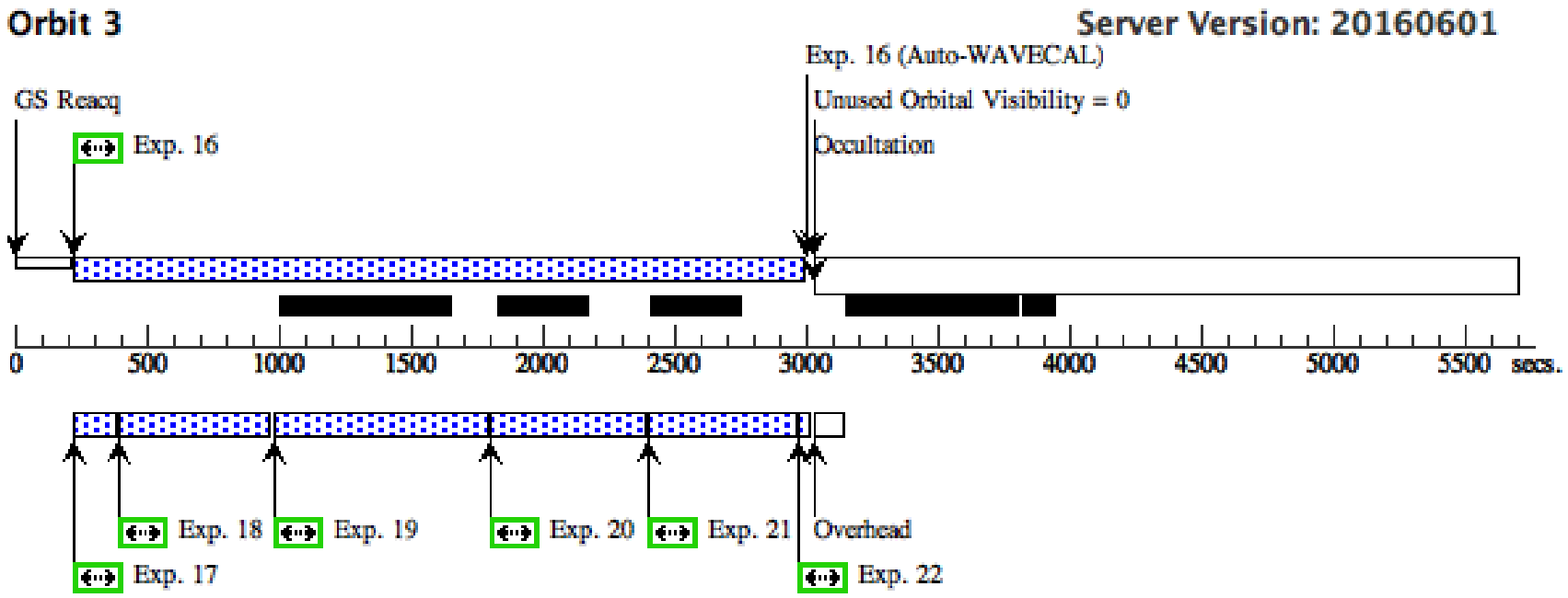
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10


Orbit 3
Server Version: 20160601
Exp. 16 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 0
Exp. 16
Occultation
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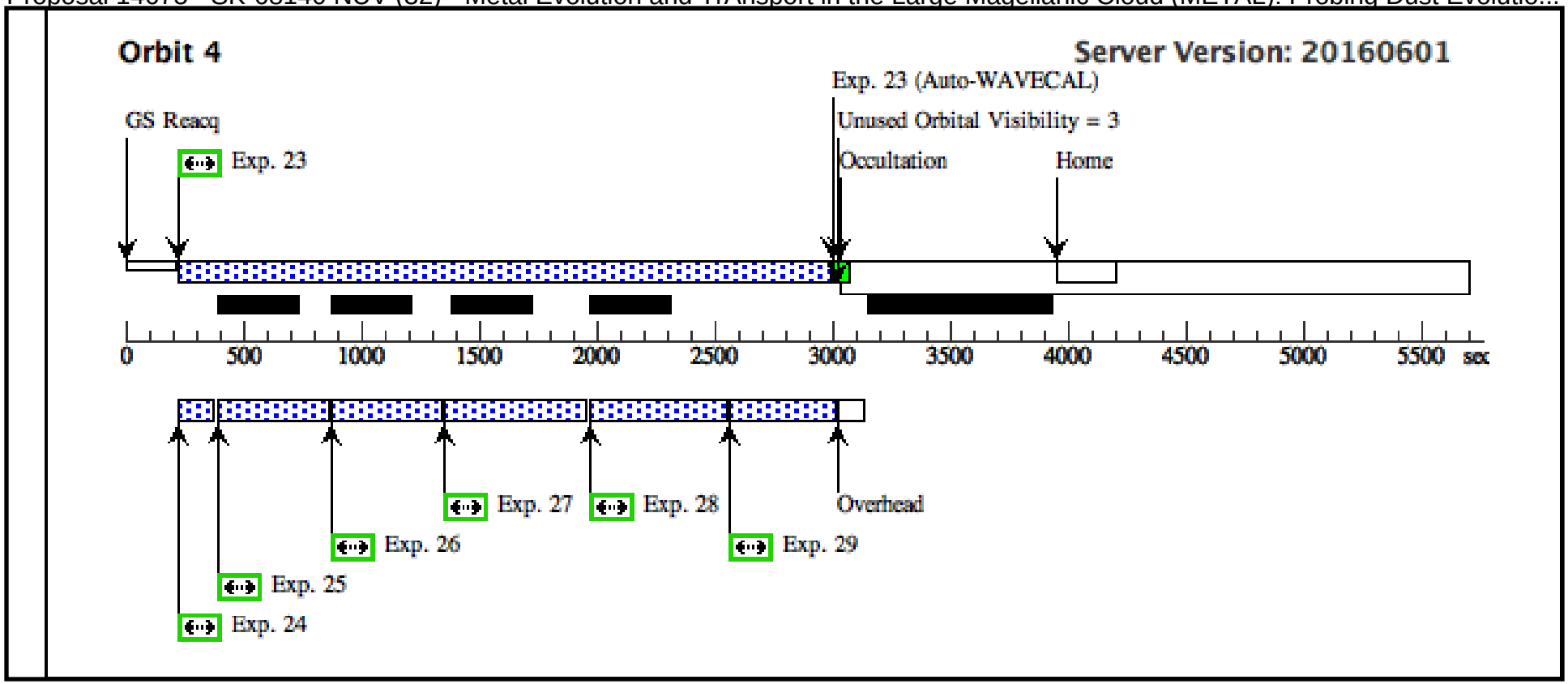
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 18
Exp. 19
Exp. 20
Exp. 21
Overhead
Exp. 17
Exp. 22


Orbit 4
Server Version: 20160601
Exp. 23 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 3
Exp. 23
Occultation
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500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 27
Exp. 28
Overhead
Exp. 26
Exp. 29
Exp. 25
Exp. 24

Visit

Proposal 14675, SK-68140 NUV (62), implementation Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

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

Special Requirements: SCHED 100%

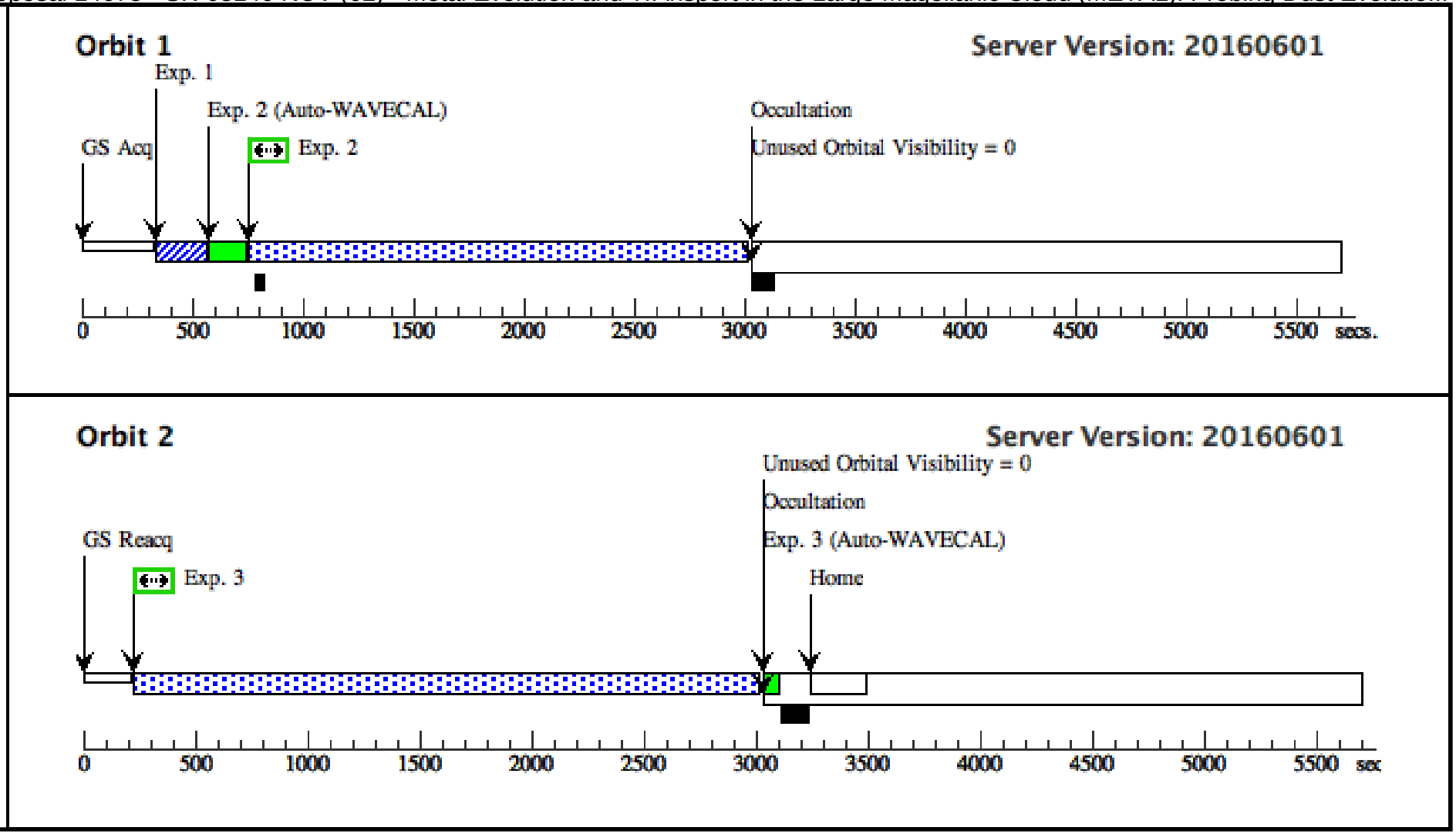
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	SK-68140	RA: 05 38 57.1800 (84.7382500d) Dec: -68 56 53.10 (-68.94808d) Equinox: J2000		V=12.8 Spt= B0Ia FUV/G130M=1.5e-13 FUV/G160M=1.5e-13 NUV flux=1.1e-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	SK-68140_ACQ (STIS.ta.824732)	(29) SK-68140	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-68140_E230M (STIS.sp.824734)	(29) SK-68140	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A				2200 Secs (2245 Secs) *[==>2245.0 Secs]*	*[1]*
3	SK-68140_E230M (STIS.sp.824734)	(29) SK-68140	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A				2750 Secs (2779 Secs) *[==>2779.0 Secs]*	*[2]*

Orbit Structure



Visit

Proposal 14675, SK-68155 NUV PART I (75), scheduling Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

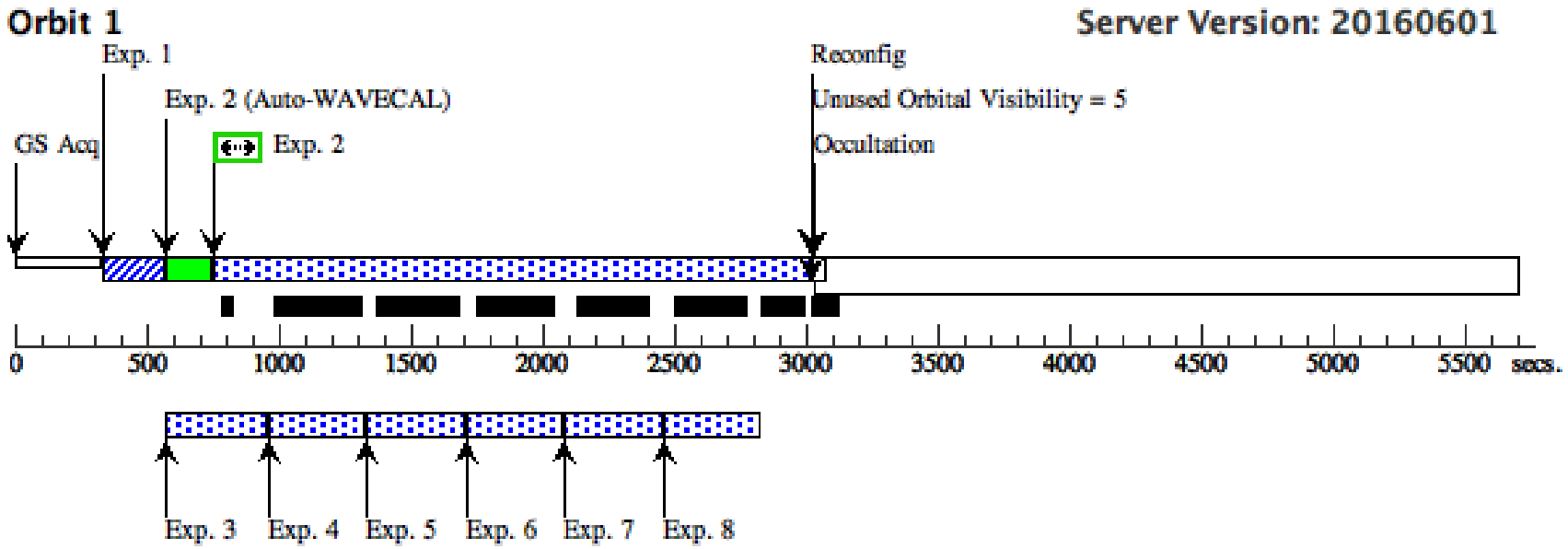
Fixed Targets

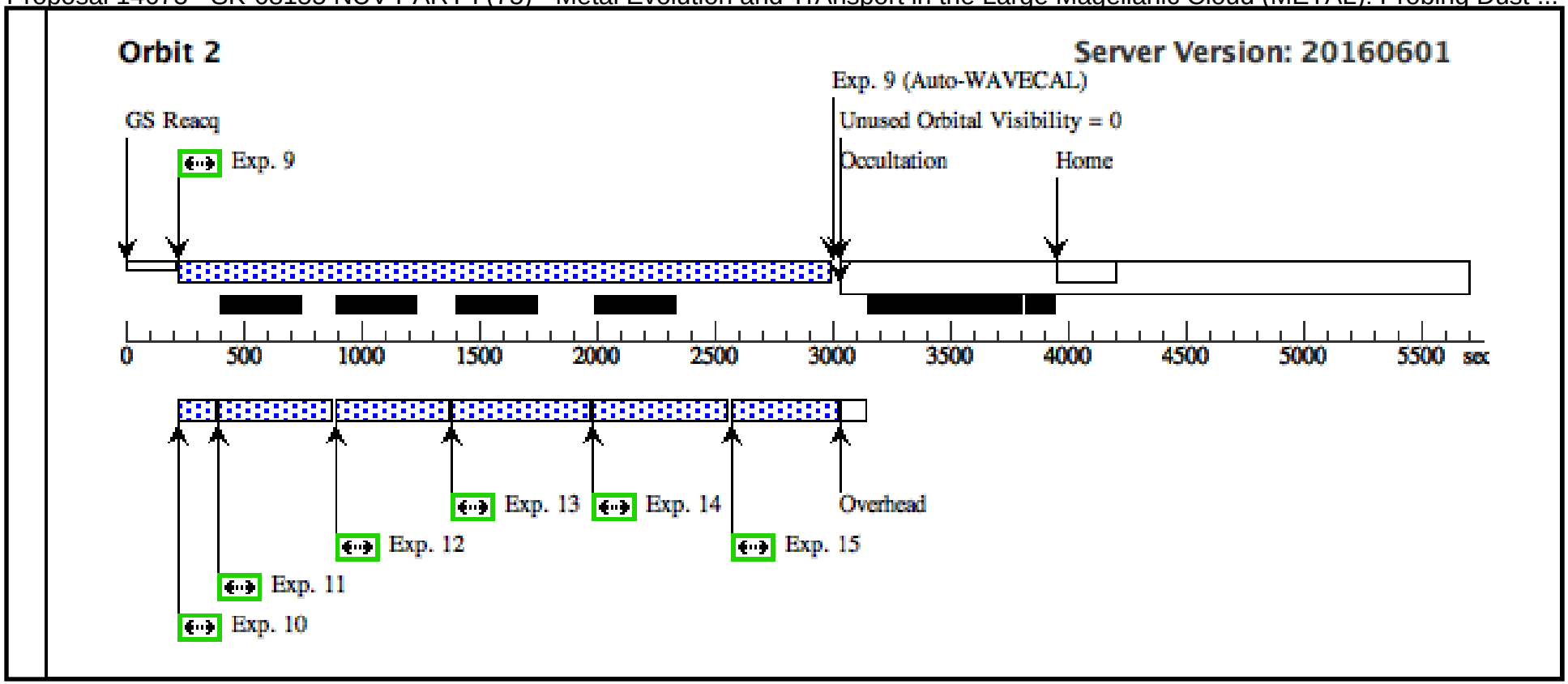
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(30)	SK-68155	RA: 05 42 54.9300 (85.7288750d) Dec: -68 56 54.50 (-68.94847d) Equinox: J2000		V=12.8 Spt= O8Ia FUV/G130M=2.0e-13 FUV/G160M=2.0e-13 NUV flux=1.2e-13 EBV = 0.28	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-68155_ ACQ (STIS.ta.824 732)	(30) SK-68155	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-68155_ E230M (STIS.sp.82 4735)	(30) SK-68155	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group up 2-8 in SK-68155 NUV PART I (75)	2240 Secs (2240 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-68155 NUV PART I (75)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-68155 NUV PART I (75)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-68155 NUV PART I (75)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-68155 NUV PART I (75)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-68155 NUV PART I (75)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-68155 NUV PART I (75)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-68155_ E230M (STIS.sp.82 4735)	(30) SK-68155	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group up 9-15 in SK-68155 NUV PART I (75)	2750 Secs (2750 Secs) *[==>]*	***[2]***
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group up 9-15 in SK-68155 NUV PART I (75)	5 Secs (5 Secs) *[==>]*	***[2]***
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group up 9-15 in SK-68155 NUV PART I (75)	360 Secs (360 Secs) *[==>]*	***[2]***
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group up 9-15 in SK-68155 NUV PART I (75)	360 Secs (360 Secs) *[==>]*	***[2]***
13	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group up 9-15 in SK-68155 NUV PART I (75)	450 Secs (450 Secs) *[==>]*	***[2]***
14	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group up 9-15 in SK-68155 NUV PART I (75)	450 Secs (450 Secs) *[==>]*	***[2]***
15	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group up 9-15 in SK-68155 NUV PART I (75)	449 Secs (449 Secs) *[==>]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 0
Exp. 9
Occultation
Home
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500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10

Visit

Proposal 14675, SK-68155 NUV PART II (76), scheduling Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%; SAME ORIENT AS 75; GROUP 76,75 WITHIN 40D

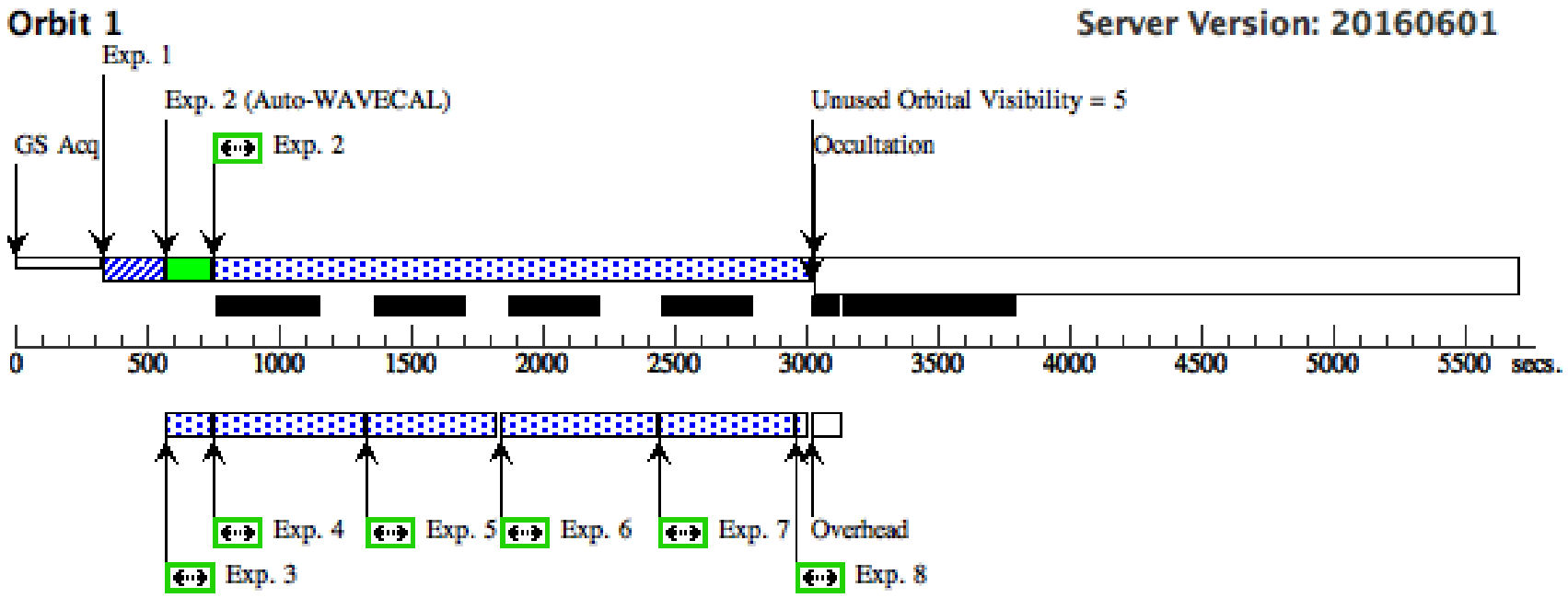
Fixed Targets

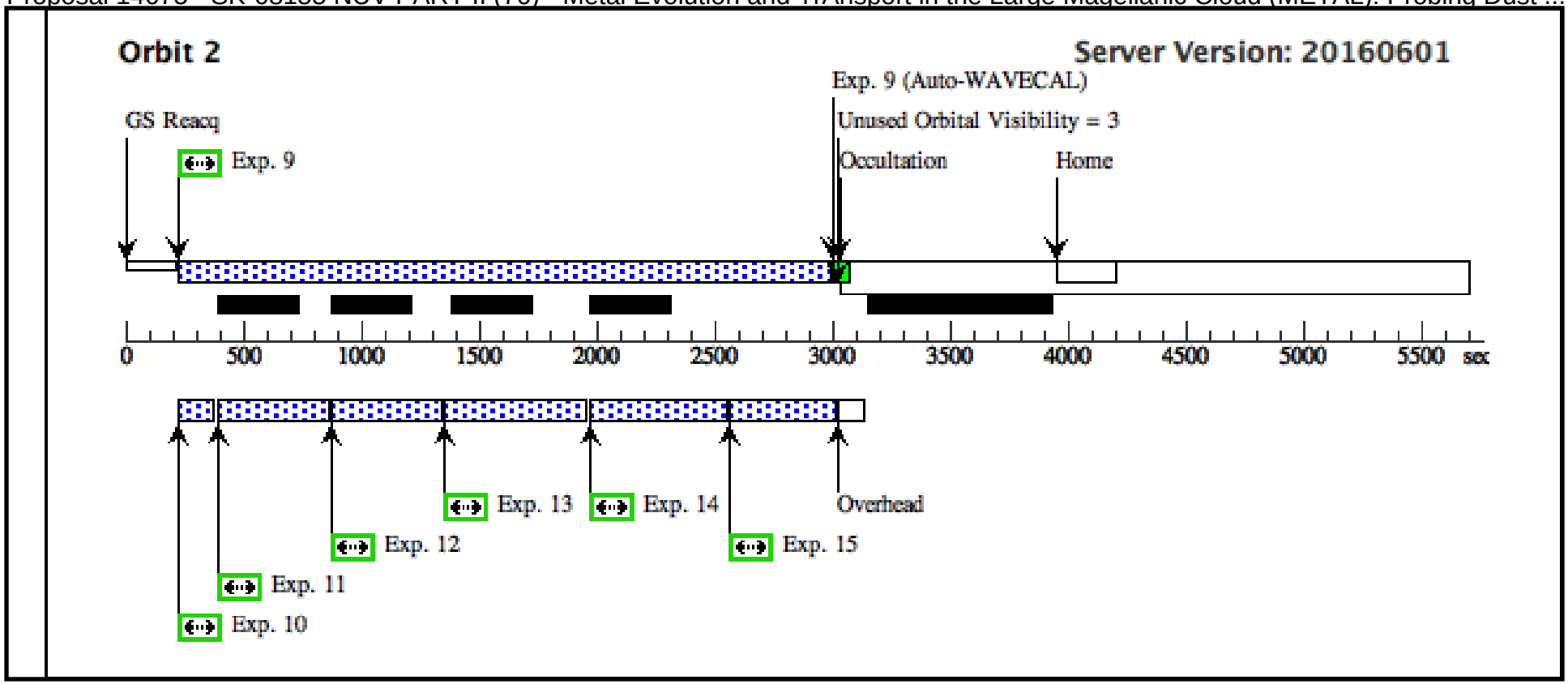
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(30)	SK-68155	RA: 05 42 54.9300 (85.7288750d) Dec: -68 56 54.50 (-68.94847d) Equinox: J2000		V=12.8 Spt= O8Ia FUV/G130M=2.0e-13 FUV/G160M=2.0e-13 NUV flux=1.2e-13 EBV = 0.28	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-68155_ ACQ (STIS.ta.824 732)	(30) SK-68155	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
2	SK-68155_ E230M (STIS.sp.82 4735)	(30) SK-68155	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 2-8 in SK-68155 NUV PART II (76)	2240 Secs (2240 Secs)	
								[==>]	***[1]***
3	F336W Gua rd	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Gro up 2-8 in SK-68155 NUV PART II (76)	10 Secs (10 Secs)	
								[==>]	***[1]***
4	F336W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Gro up 2-8 in SK-68155 NUV PART II (76)	450 Secs (450 Secs)	
								[==>]	***[1]***
5	F225W Exp osure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=11		Prime + Parallel Gro up 2-8 in SK-68155 NUV PART II (76)	350 Secs (350 Secs)	
								[==>]	***[1]***
6	F336W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Gro up 2-8 in SK-68155 NUV PART II (76)	440 Secs (440 Secs)	
								[==>]	***[1]***
7	F336W Exp osure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Gro up 2-8 in SK-68155 NUV PART II (76)	390 Secs (390 Secs)	
								[==>]	***[1]***
8	F275W Gua rd	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Gro up 2-8 in SK-68155 NUV PART II (76)	15 Secs (15 Secs)	
								[==>]	***[1]***
9	SK-68155_ E230M (STIS.sp.82 4735)	(30) SK-68155	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 9-15 in SK-68155 NUV PART II (76)	2750 Secs (2750 Secs)	
								[==>]	***[2]***
10	F814W Gua rd	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-68155 NUV PART II (76)	10 Secs (10 Secs)	
								[==>]	***[2]***
11	F814W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Gro up 9-15 in SK-68155 NUV PART II (76)	350 Secs (350 Secs)	
								[==>]	***[2]***
12	F814W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Gro up 9-15 in SK-68155 NUV PART II (76)	350 Secs (350 Secs)	
								[==>]	***[2]***
13	F275W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-68155 NUV PART II (76)	455 Secs (455 Secs)	
								[==>]	***[2]***
14	F275W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-68155 NUV PART II (76)	455 Secs (455 Secs)	
								[==>]	***[2]***
15	F275W Exp osure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-68155 NUV PART II (76)	455 Secs (455 Secs)	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 3
Exp. 9
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10

Visit

Proposal 14675, SK-6826 NUV (34), completed Fri Dec 30 02:09:52 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(31)	SK-6826	RA: 05 01 32.2380 (75.3843250d) Dec: -68 10 43.06 (-68.17863d) Equinox: J2000		V=11.6 Spt= BC2Ia FUV/G130M=2.5e-13 FUV/G160M=2.5e-13 NUV flux=1.5e-13	Reference Frame: ICRS

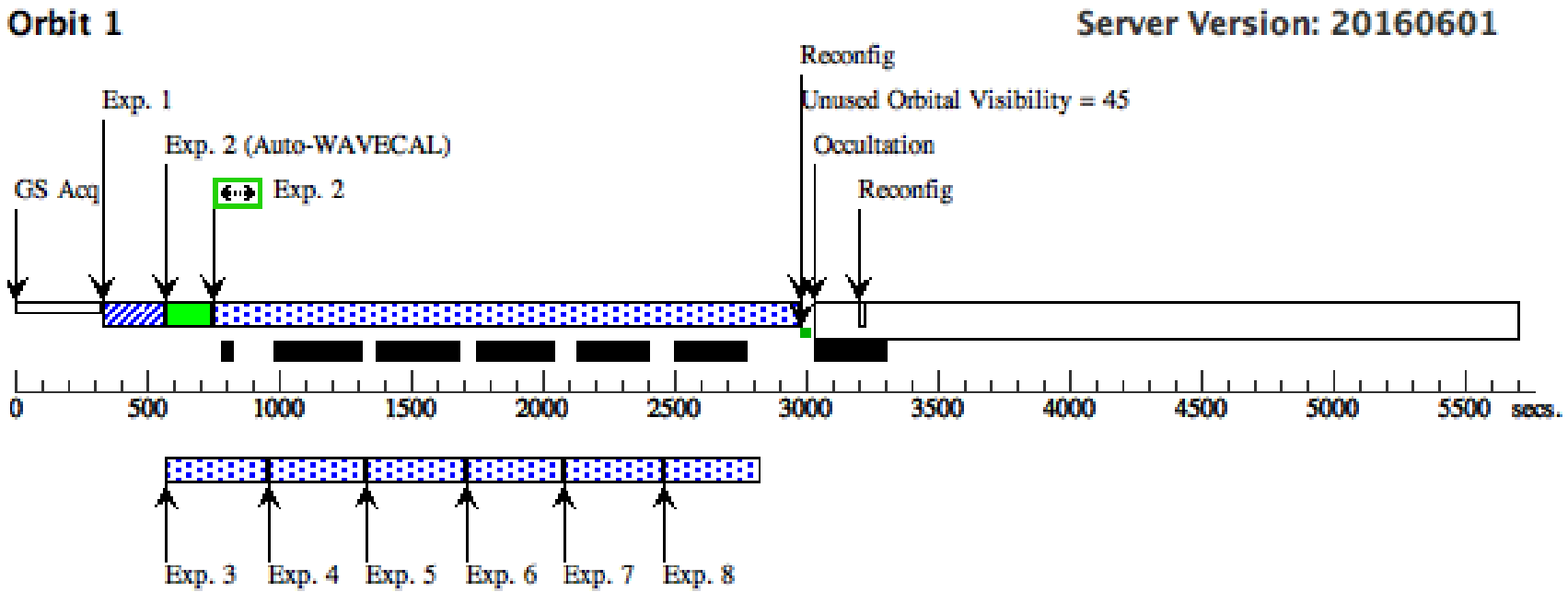
Comments: Extended=NO

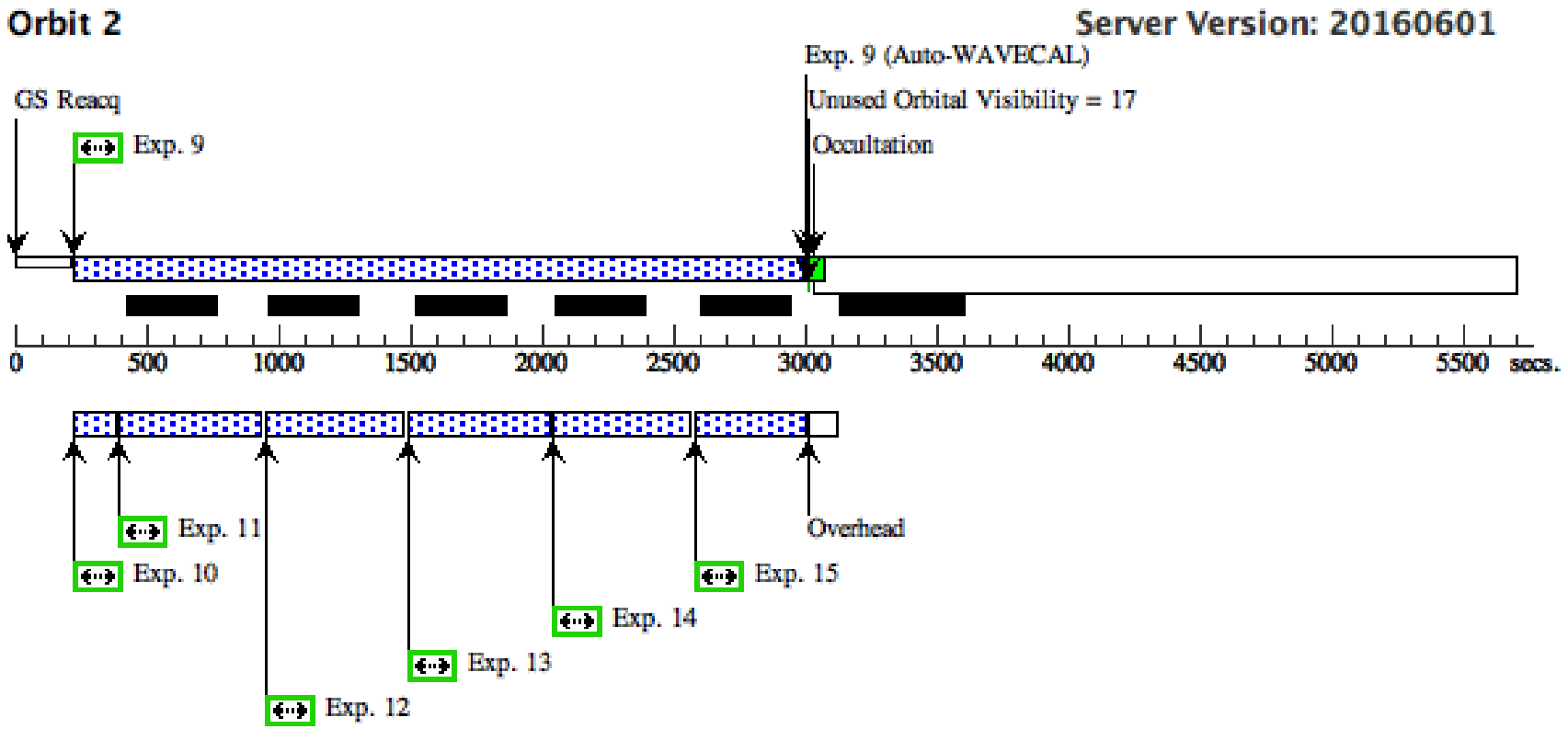
Exposures

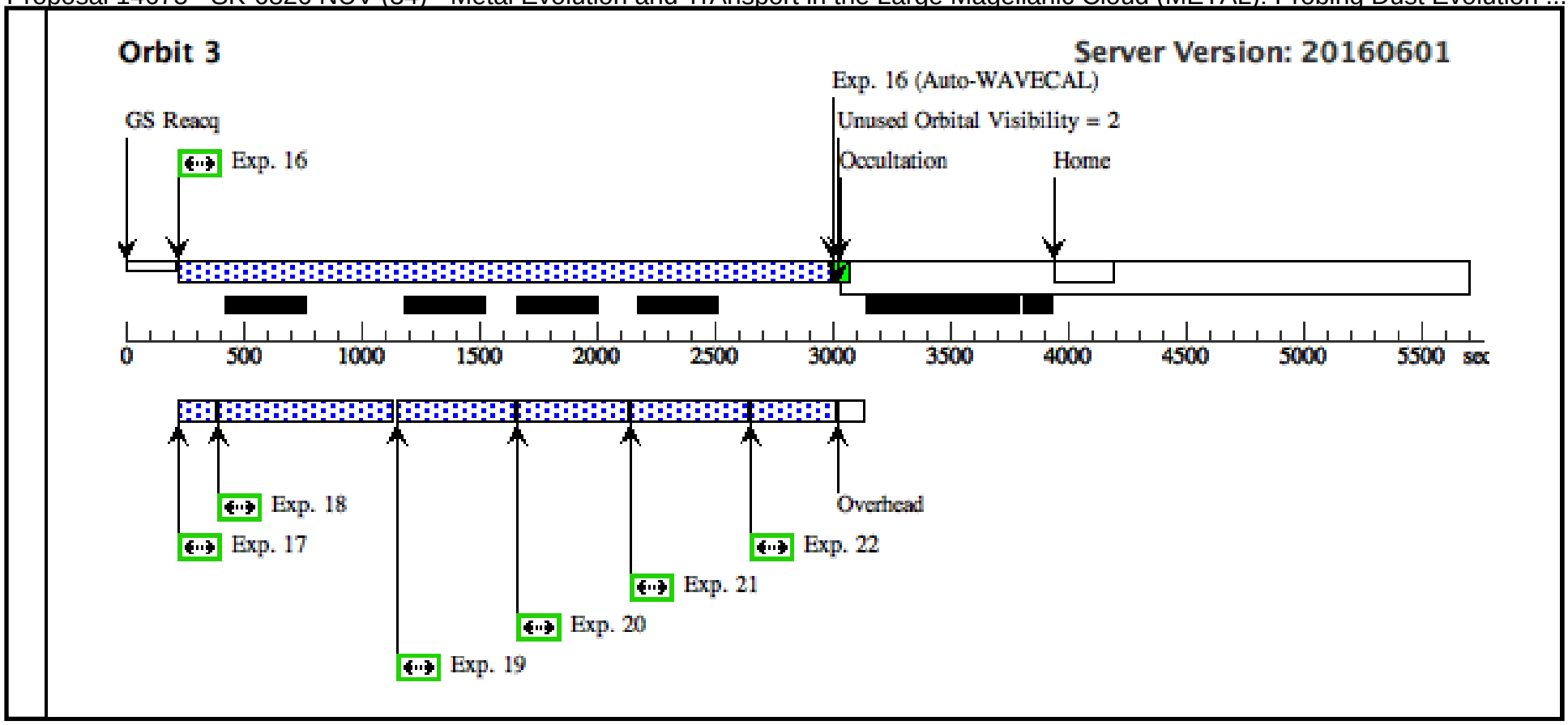
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-6826_ACQ (STIS.ta.824732)	(31) SK-6826	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-6826_E230M (STIS.sp.824739)	(31) SK-6826	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-6826 NUV (34)	2200 Secs (2200 Secs) *[==>]*	*[1]*
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6826 NUV (34)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6826 NUV (34)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6826 NUV (34)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6826 NUV (34)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6826 NUV (34)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6826 NUV (34)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
9	SK-6826_E230M (STIS.sp.824739)	(31) SK-6826	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in SK-6826 NUV (34)	2750 Secs (2750 Secs) *[==>]*	*[2]*
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in SK-6826 NUV (34)	5 Secs (5 Secs) *[==>]*	*[2]*
11	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in SK-6826 NUV (34)	400 Secs (400 Secs) *[==>]*	*[2]*
12	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in SK-6826 NUV (34)	400 Secs (400 Secs) *[==>]*	*[2]*
13	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-15 in SK-6826 NUV (34)	400 Secs (400 Secs) *[==>]*	*[2]*
14	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 9-15 in SK-6826 NUV (34)	400 Secs (400 Secs) *[==>]*	*[2]*
15	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-6826 NUV (34)	400 Secs (400 Secs) *[==>]*	*[2]*
16	SK-6826_E230M (STIS.sp.824739)	(31) SK-6826	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 16-22 in SK-6826 NUV (34)	2750 Secs (2750 Secs) *[==>]*	*[3]*

	17	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11	Prime + Parallel Group 16-22 in SK-6826 NUV (34)	10 Secs (10 Secs) *[==>]*	 ***[3]***
	18	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10	Prime + Parallel Group 16-22 in SK-6826 NUV (34)	600 Secs (600 Secs) *[==>]*	 ***[3]***
	19	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4	Prime + Parallel Group 16-22 in SK-6826 NUV (34)	352 Secs (352 Secs) *[==>]*	 ***[3]***
	20	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4	Prime + Parallel Group 16-22 in SK-6826 NUV (34)	352 Secs (352 Secs) *[==>]*	 ***[3]***
	21	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4	Prime + Parallel Group 16-22 in SK-6826 NUV (34)	360 Secs (360 Secs) *[==>]*	 ***[3]***
	22	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=3	Prime + Parallel Group 16-22 in SK-6826 NUV (34)	360 Secs (360 Secs) *[==>]*	 ***[3]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 17
Exp. 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 11
Overhead
Exp. 10
Exp. 15
Exp. 14
Exp. 13
Exp. 12


Orbit 3
Server Version: 20160601
Exp. 16 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 2
Exp. 16
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 18
Overhead
Exp. 17
Exp. 22
Exp. 21
Exp. 20
Exp. 19

Visit

Proposal 14675, SK-6826 COS (35), completed Fri Dec 30 02:09:53 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

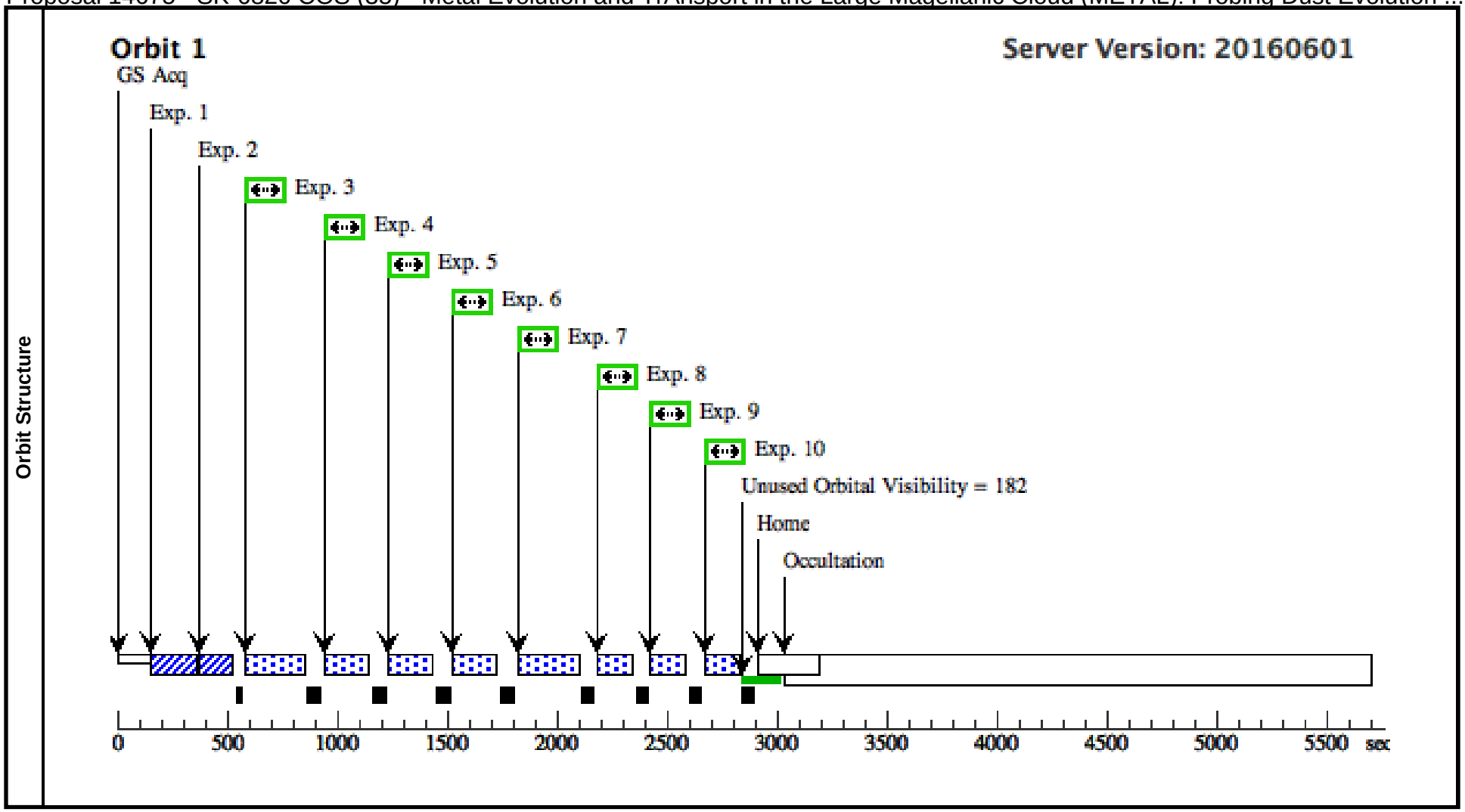
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(31)	SK-6826	RA: 05 01 32.2380 (75.3843250d) Dec: -68 10 43.06 (-68.17863d) Equinox: J2000		V=11.6 Spt= BC2Ia FUV/G130M=2.5e-13 FUV/G160M=2.5e-13 NUV flux=1.5e-13	Reference Frame: ICRS

Comments: Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-6826_ACQ_PEAKXD (COS.sa.828916)	(31) SK-6826	COS/FUV, ACQ/PEAKXD, PSA	G160M 1589 A				1 Secs (1 Secs) *[==>]*	*[1]*
Comments: Unkonwn for ACQ/IMAGING; 75.3824005126953 -68.1748046875 NoV 75.3844680786133 -68.1761016845703 Nov 75.3922958374023 -68.1823272705078 V = 16.3641 75.3893890380859 -68.183952331543 V= 14.4539 *switched to dispersed light acq to avoid BOP issues with field stars Target cleared with ETC*									
2	SK-6826_ACQ_PEAKD (COS.sa.828916)	(31) SK-6826	COS/FUV, ACQ/PEAKD, PSA	G160M 1589 A	NUM-POS=5; STEP-SIZE=0.9			1 Secs (1 Secs) *[==>]*	*[1]*
3	SK-6826_COS_G160M (COS.sp.824240)	(31) SK-6826	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=1; BUFFER-TIME=320			150 Secs (150 Secs) *[==>]*	*[1]*
4	SK-6826_COS_G160M (COS.sp.824240)	(31) SK-6826	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=320			150 Secs (150 Secs) *[==>]*	*[1]*
5	SK-6826_COS_G160M (COS.sp.824240)	(31) SK-6826	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=320			150 Secs (150 Secs) *[==>]*	*[1]*
6	SK-6826_COS_G160M (COS.sp.824240)	(31) SK-6826	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=320			150 Secs (150 Secs) *[==>]*	*[1]*
7	SK-6826_COS_G130M (COS.sp.824239)	(31) SK-6826	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; BUFFER-TIME=250			110 Secs (110 Secs) *[==>]*	*[1]*
8	SK-6826_COS_G130M (COS.sp.824239)	(31) SK-6826	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; BUFFER-TIME=250			110 Secs (110 Secs) *[==>]*	*[1]*
9	SK-6826_COS_G130M (COS.sp.824239)	(31) SK-6826	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=250			110 Secs (110 Secs) *[==>]*	*[1]*
10	SK-6826_COS_G130M (COS.sp.824239)	(31) SK-6826	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=250			110 Secs (110 Secs) *[==>]*	*[1]*


Orbit 1
Server Version: 20160601
Orbit Structure
GS Acq
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Exp. 7
Exp. 8
Exp. 9
Exp. 10
Unused Orbital Visibility = 182
Home
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 14675, SK-69279 NUV PART I (67), scheduling Fri Dec 30 02:09:53 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

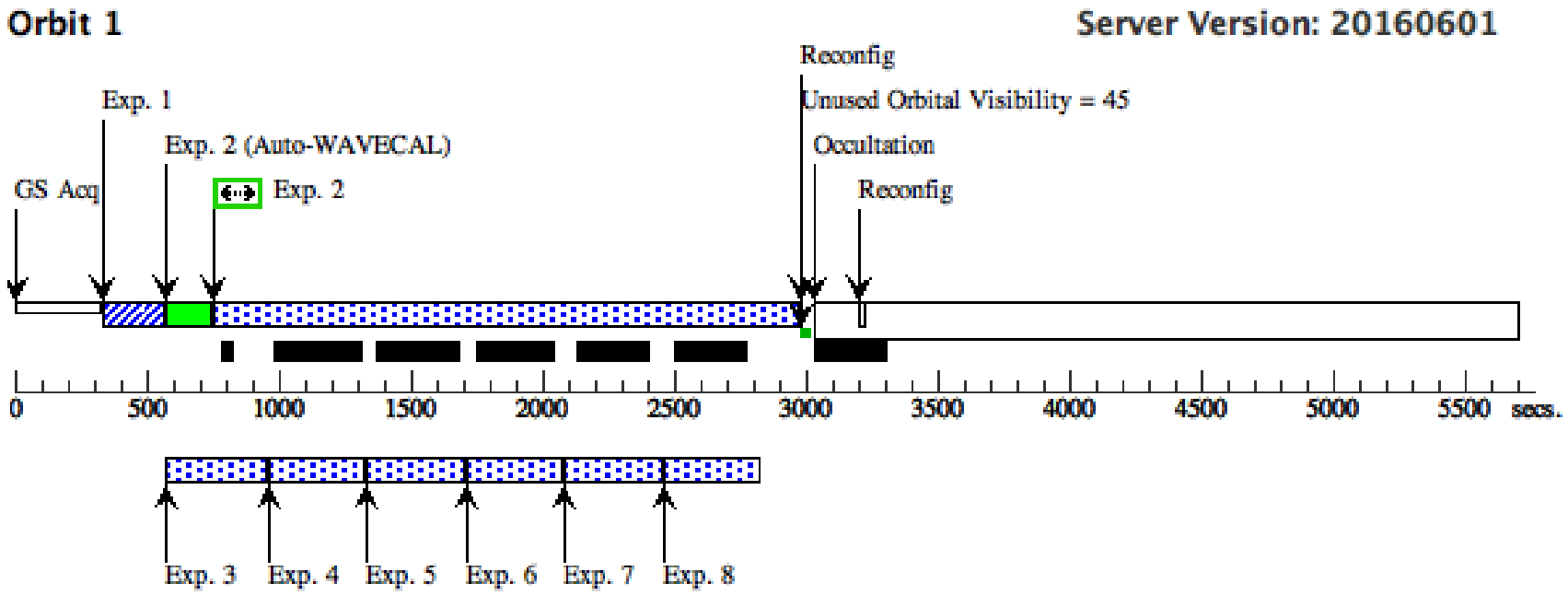
Fixed Targets

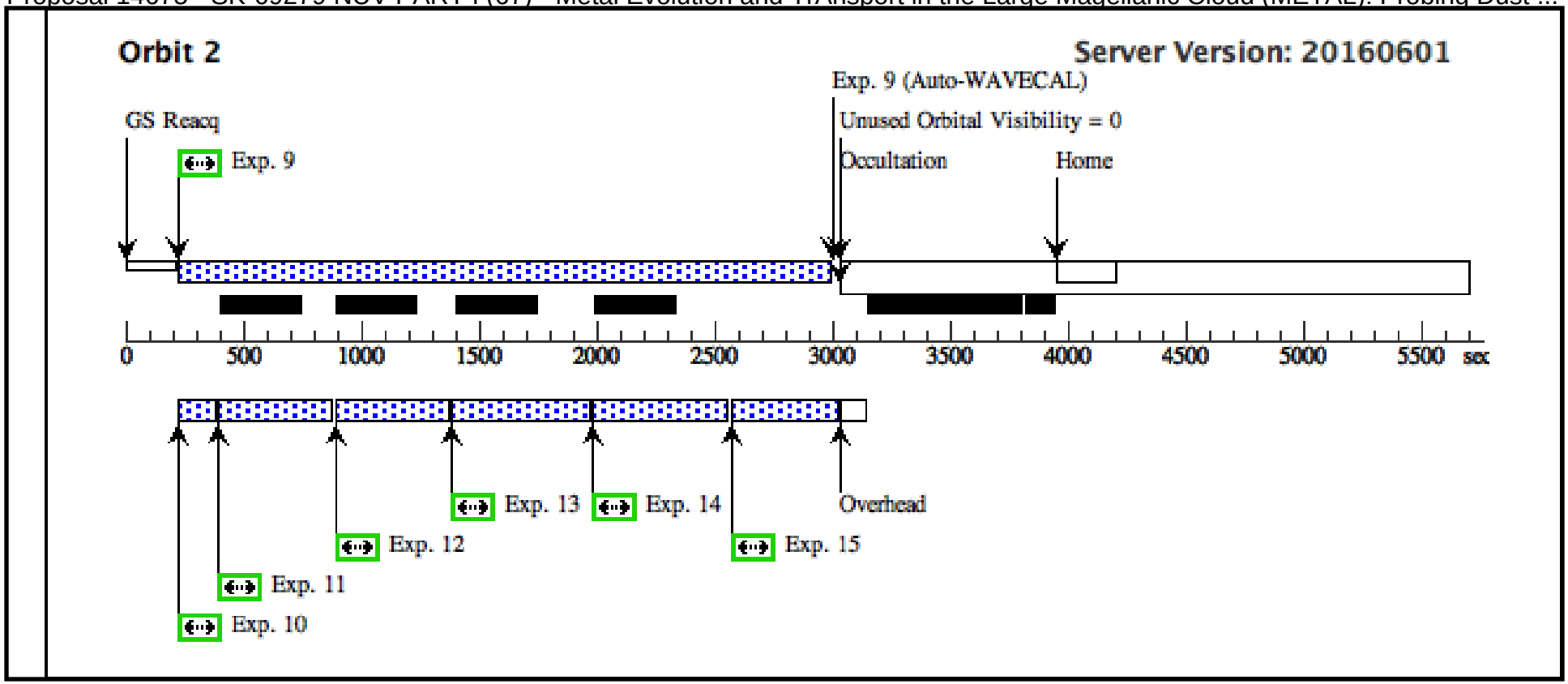
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(32)	SK-69279	RA: 05 41 44.6700 (85.4361250d) Dec: -69 35 15.00 (-69.58750d) Equinox: J2000		V=12.8 Spt=Ofpe/WN9 FUV/G130M=1.8e-13 FUV/G160M=1.7e-13 NUV flux=1.1e-13 EBV = 0.21	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-69279_ ACQ (STIS.ta.824 732)	(32) SK-69279	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	SK-69279_ E230M (STIS.sp.82 4740)	(32) SK-69279	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group up 2-8 in SK-69279 NUV PART I (67)	2200 Secs (2200 Secs) *[==>]*	***[1]***
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-69279 NUV PART I (67)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-69279 NUV PART I (67)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-69279 NUV PART I (67)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-69279 NUV PART I (67)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-69279 NUV PART I (67)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group up 2-8 in SK-69279 NUV PART I (67)	349.232932 Secs (349.233 Secs) *[==>]*	***[1]***
9	SK-69279_ E230M (STIS.sp.82 4740)	(32) SK-69279	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group up 9-15 in SK-69279 NUV PART I (67)	2750 Secs (2750 Secs) *[==>]*	***[2]***
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group up 9-15 in SK-69279 NUV PART I (67)	5 Secs (5 Secs) *[==>]*	***[2]***
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group up 9-15 in SK-69279 NUV PART I (67)	360 Secs (360 Secs) *[==>]*	***[2]***
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group up 9-15 in SK-69279 NUV PART I (67)	360 Secs (360 Secs) *[==>]*	***[2]***
13	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group up 9-15 in SK-69279 NUV PART I (67)	450 Secs (450 Secs) *[==>]*	***[2]***
14	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group up 9-15 in SK-69279 NUV PART I (67)	450 Secs (450 Secs) *[==>]*	***[2]***
15	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group up 9-15 in SK-69279 NUV PART I (67)	449 Secs (449 Secs) *[==>]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 0
Exp. 9
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10

Visit

Proposal 14675, SK-69279 NUV PART II (68), scheduling Fri Dec 30 02:09:53 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%; SAME ORIENT AS 67; GROUP 68,67 WITHIN 40D

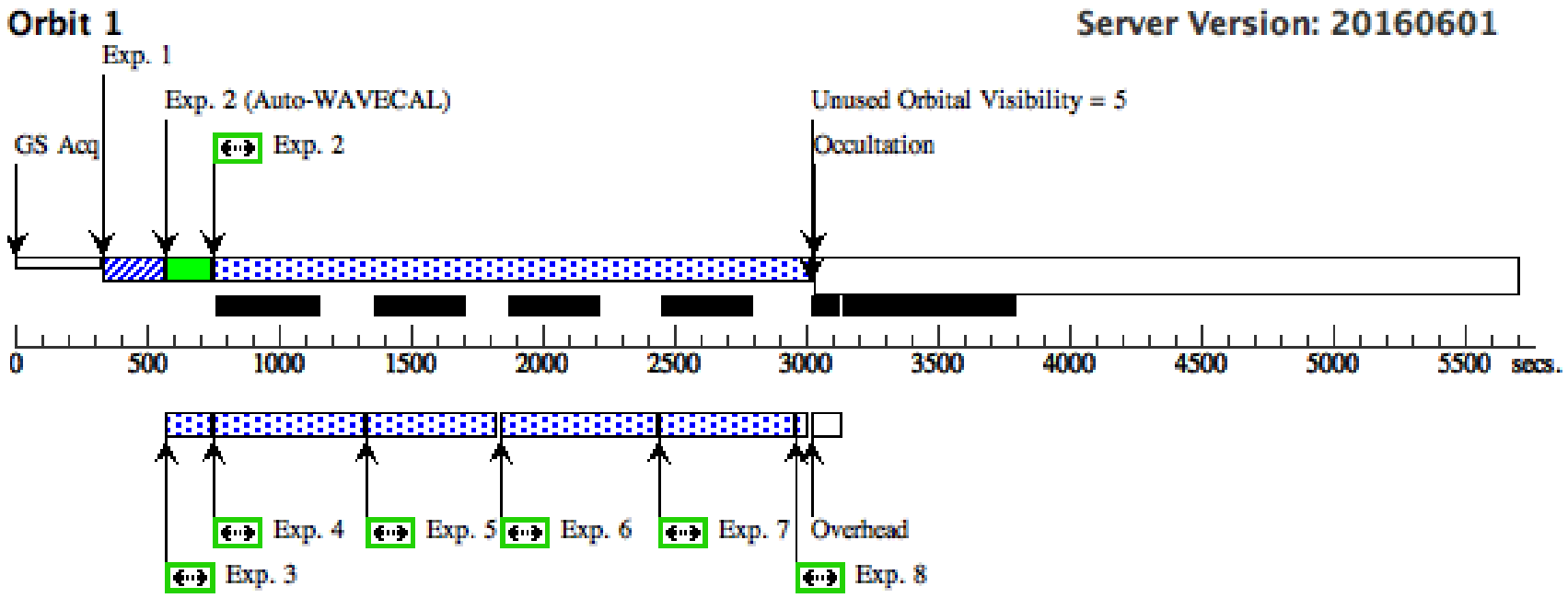
Fixed Targets

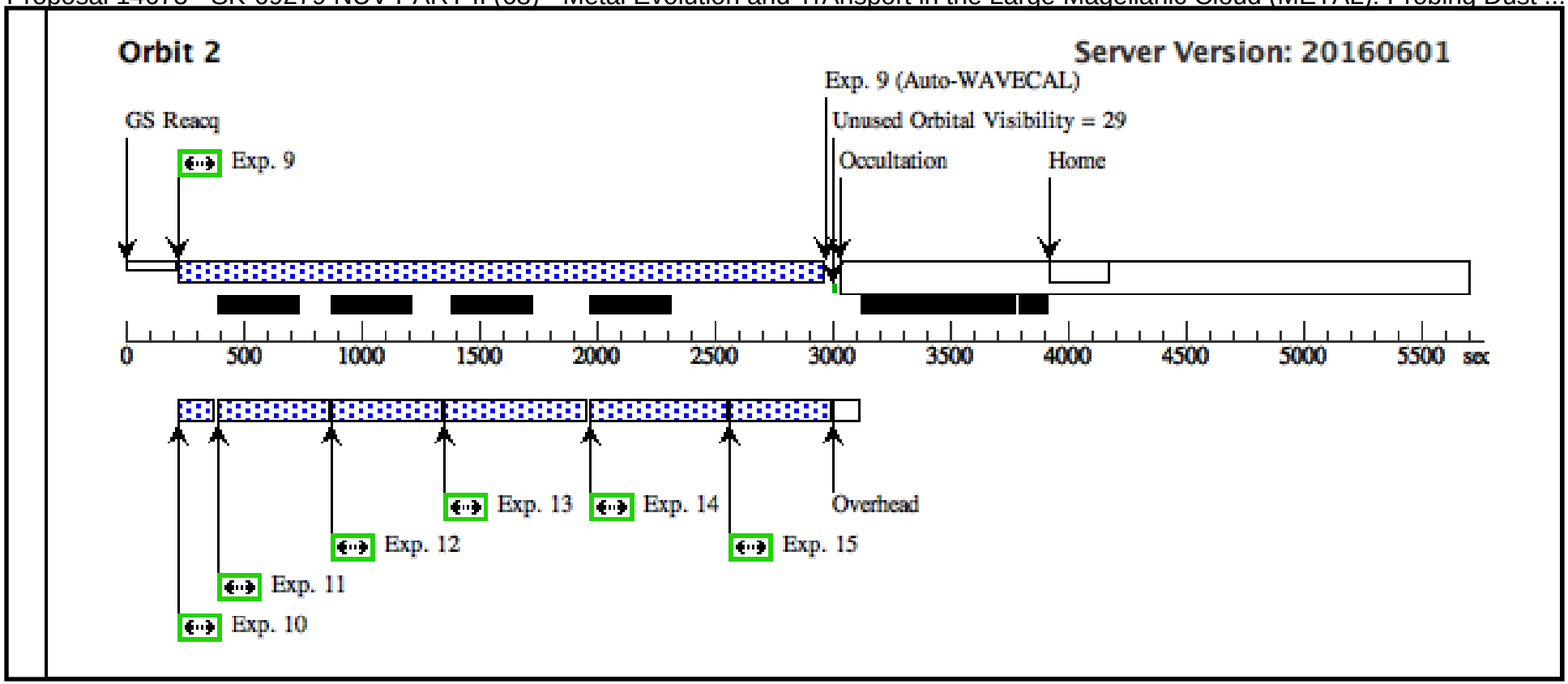
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(32)	SK-69279	RA: 05 41 44.6700 (85.4361250d) Dec: -69 35 15.00 (-69.58750d) Equinox: J2000		V=12.8 Spt=Ofpe/WN9 FUV/G130M=1.8e-13 FUV/G160M=1.7e-13 NUV flux=1.1e-13 EBV = 0.21	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-69279_ ACQ (STIS.ta.824 732)	(32) SK-69279	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-69279_ E230M (STIS.sp.82 4740)	(32) SK-69279	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 2-8 in SK-69279 NUV PART II (68)	2240 Secs (2240 Secs) *[==>]*	*[1]*
3	F336W Gua rd	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Gro up 2-8 in SK-69279 NUV PART II (68)	10 Secs (10 Secs) *[==>]*	*[1]*
4	F336W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Gro up 2-8 in SK-69279 NUV PART II (68)	450 Secs (450 Secs) *[==>]*	*[1]*
5	F225W Exp osure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=11		Prime + Parallel Gro up 2-8 in SK-69279 NUV PART II (68)	350 Secs (350 Secs) *[==>]*	*[1]*
6	F336W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Gro up 2-8 in SK-69279 NUV PART II (68)	440 Secs (440 Secs) *[==>]*	*[1]*
7	F336W Exp osure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Gro up 2-8 in SK-69279 NUV PART II (68)	390 Secs (390 Secs) *[==>]*	*[1]*
8	F275W Gua rd	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Gro up 2-8 in SK-69279 NUV PART II (68)	15 Secs (15 Secs) *[==>]*	*[1]*
9	SK-69279_ E230M (STIS.sp.82 4740)	(32) SK-69279	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Gro up 9-15 in SK-69279 NUV PART II (68)	2720 Secs (2720 Secs) *[==>]*	*[2]*
10	F814W Gua rd	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-69279 NUV PART II (68)	10 Secs (10 Secs) *[==>]*	*[2]*
11	F814W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Gro up 9-15 in SK-69279 NUV PART II (68)	350 Secs (350 Secs) *[==>]*	*[2]*
12	F814W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Gro up 9-15 in SK-69279 NUV PART II (68)	350 Secs (350 Secs) *[==>]*	*[2]*
13	F275W Exp osure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-69279 NUV PART II (68)	455 Secs (455 Secs) *[==>]*	*[2]*
14	F275W Exp osure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-69279 NUV PART II (68)	455 Secs (455 Secs) *[==>]*	*[2]*
15	F275W Exp osure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Gro up 9-15 in SK-69279 NUV PART II (68)	429 Secs (429 Secs) *[==>]*	*[2]*

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 29
Exp. 9
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10

Visit

Proposal 14675, SK-6619 NUV PART I (65), implementation Fri Dec 30 02:09:53 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%

Fixed Targets

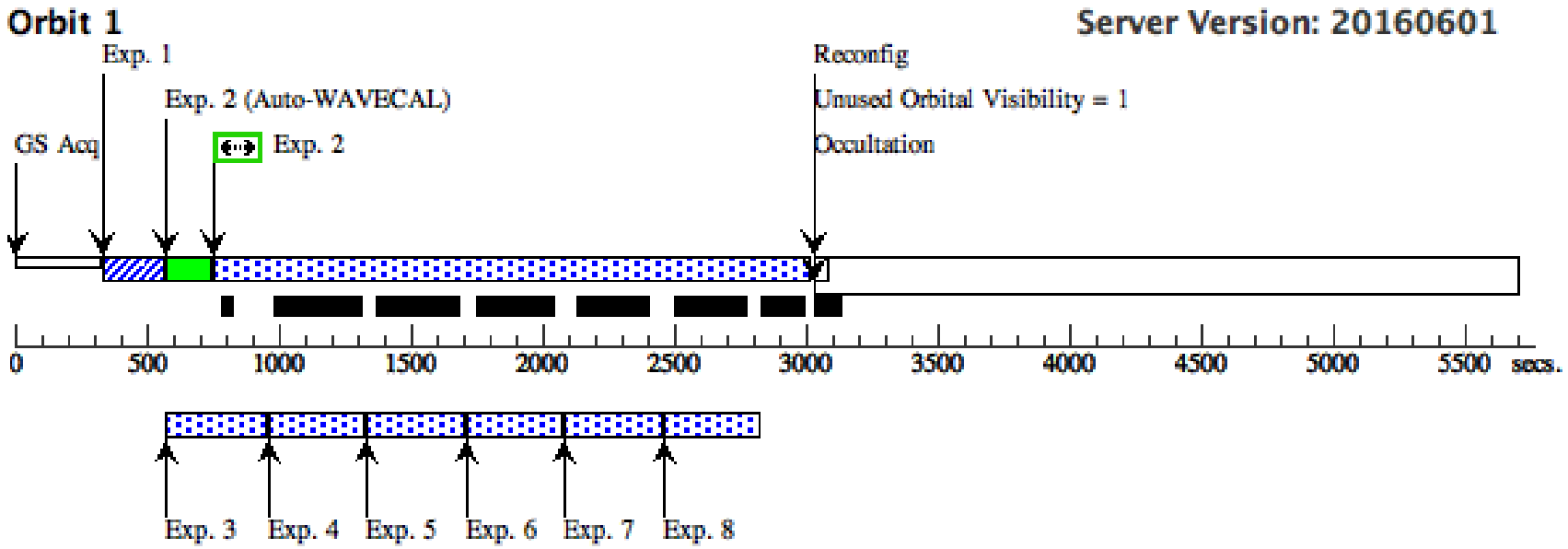
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	SK-6619	RA: 04 55 53.9510 (73.9747958d) Dec: -66 24 59.35 (-66.41649d) Equinox: J2000		V=12.79 B0Ia; FUV = 1.5e-13; NUV = 8e-14	Reference Frame: ICRS

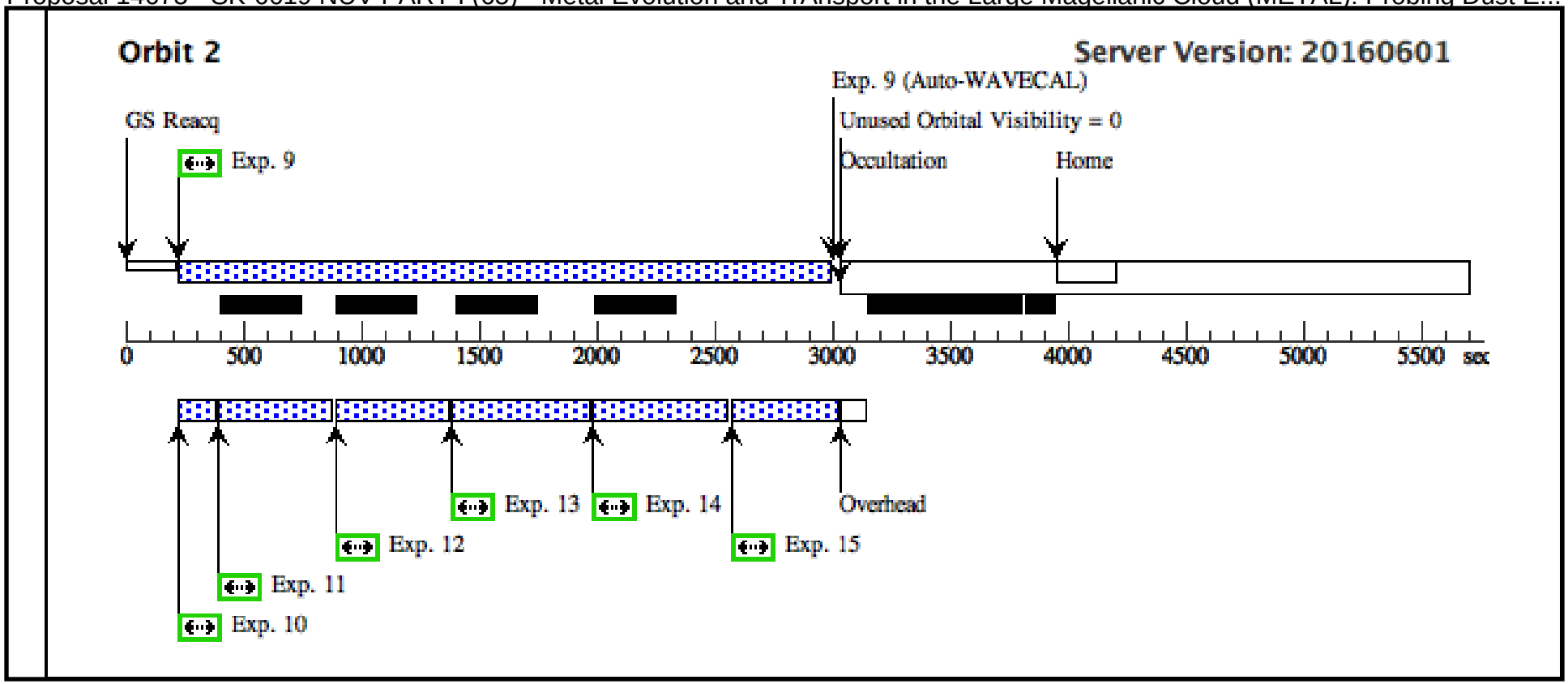
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-6619_ACQ (STIS.ta.824732)	(33) SK-6619	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-6619_E230M (STIS.sp.824741)	(33) SK-6619	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-6619 NUV PART I (65)	2244 Secs (2244 Secs) *[==>]*	*[1]*
3	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6619 NUV PART I (65)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
4	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6619 NUV PART I (65)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
5	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6619 NUV PART I (65)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
6	F110W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6619 NUV PART I (65)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
7	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6619 NUV PART I (65)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
8	F160W	ANY	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=12; SAMP-SEQ=STEP50		Prime + Parallel Group 2-8 in SK-6619 NUV PART I (65)	349.232932 Secs (349.233 Secs) *[==>]*	*[1]*
9	SK-6619_E230M (STIS.sp.824741)	(33) SK-6619	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in SK-6619 NUV PART I (65)	2750 Secs (2750 Secs) *[==>]*	*[2]*
10	F475W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=11		Prime + Parallel Group 9-15 in SK-6619 NUV PART I (65)	5 Secs (5 Secs) *[==>]*	*[2]*
11	F475W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-6619 NUV PART I (65)	360 Secs (360 Secs) *[==>]*	*[2]*
12	F475W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F475W	FLASH=4		Prime + Parallel Group 9-15 in SK-6619 NUV PART I (65)	360 Secs (360 Secs) *[==>]*	*[2]*
13	F225W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-6619 NUV PART I (65)	450 Secs (450 Secs) *[==>]*	*[2]*
14	F225W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-6619 NUV PART I (65)	450 Secs (450 Secs) *[==>]*	*[2]*
15	F225W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=10		Prime + Parallel Group 9-15 in SK-6619 NUV PART I (65)	449 Secs (449 Secs) *[==>]*	*[2]*

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 0
Exp. 9
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10

Visit

Proposal 14675, SK-6619 NUV PART II (66), implementation Fri Dec 30 02:09:53 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS, STIS/NUV-MAMA, STIS/CCD

Special Requirements: SCHED 100%; SAME ORIENT AS 65; GROUP 66,65 WITHIN 40D

Fixed Targets

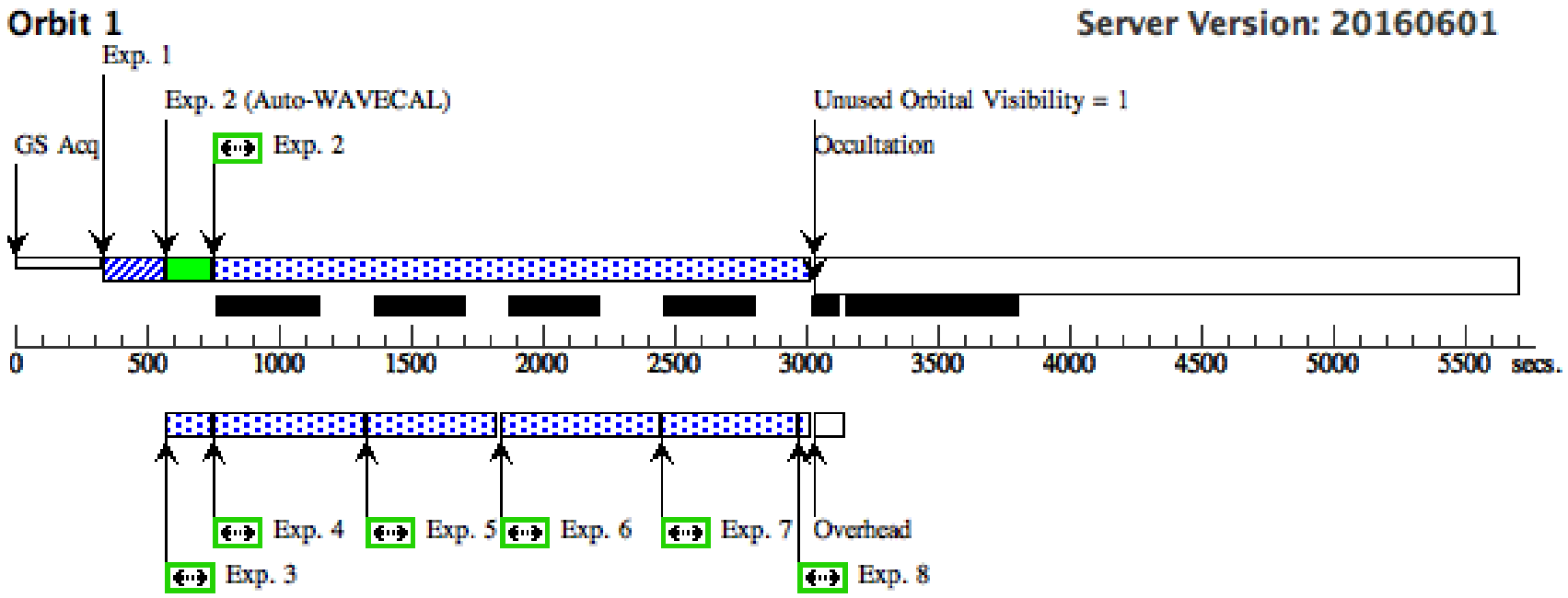
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	SK-6619	RA: 04 55 53.9510 (73.9747958d) Dec: -66 24 59.35 (-66.41649d) Equinox: J2000		V=12.79 B0Ia; FUV = 1.5e-13; NUV = 8e -14	Reference Frame: ICRS

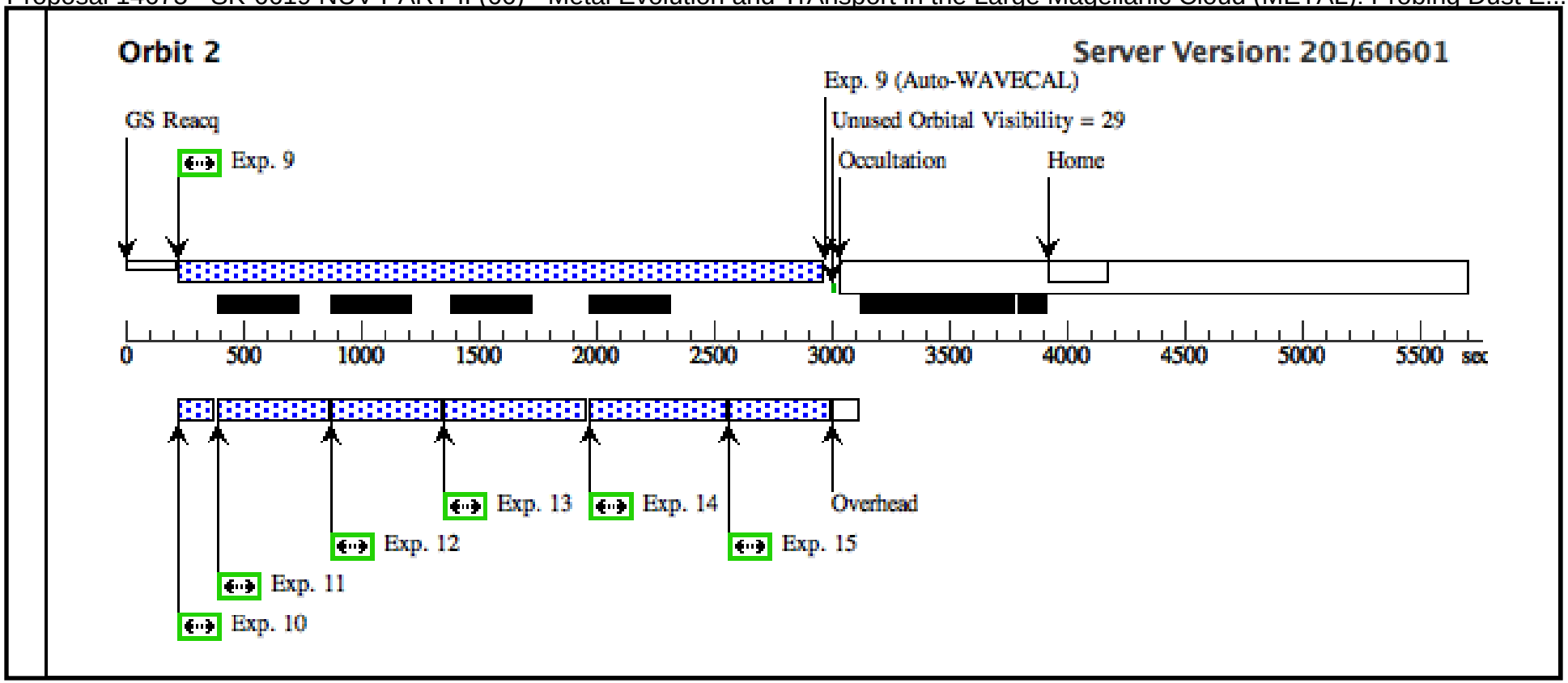
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-6619_ACQ (STIS.ta.824732)	(33) SK-6619	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	*[1]*
2	SK-6619_E230M (STIS.sp.824741)	(33) SK-6619	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 2-8 in SK-6619 NUV PART II (66)	2240 Secs (2240 Secs) *[==>]*	*[1]*
3	F336W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=11		Prime + Parallel Group 2-8 in SK-6619 NUV PART II (66)	10 Secs (10 Secs) *[==>]*	*[1]*
4	F336W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-6619 NUV PART II (66)	450 Secs (450 Secs) *[==>]*	*[1]*
5	F225W Exposure 4	ANY	WFC3/UVIS, ACCUM, UVIS	F225W	FLASH=11		Prime + Parallel Group 2-8 in SK-6619 NUV PART II (66)	350 Secs (350 Secs) *[==>]*	*[1]*
6	F336W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-6619 NUV PART II (66)	450 Secs (450 Secs) *[==>]*	*[1]*
7	F336W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	FLASH=10		Prime + Parallel Group 2-8 in SK-6619 NUV PART II (66)	390 Secs (390 Secs) *[==>]*	*[1]*
8	F275W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 2-8 in SK-6619 NUV PART II (66)	15 Secs (15 Secs) *[==>]*	*[1]*
9	SK-6619_E230M (STIS.sp.824741)	(33) SK-6619	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A			Prime + Parallel Group 9-15 in SK-6619 NUV PART II (66)	2720 Secs (2720 Secs) *[==>]*	*[2]*
10	F814W Guard	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=11		Prime + Parallel Group 9-15 in SK-6619 NUV PART II (66)	10 Secs (10 Secs) *[==>]*	*[2]*
11	F814W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Group 9-15 in SK-6619 NUV PART II (66)	350 Secs (350 Secs) *[==>]*	*[2]*
12	F814W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=4		Prime + Parallel Group 9-15 in SK-6619 NUV PART II (66)	350 Secs (350 Secs) *[==>]*	*[2]*
13	F275W Exposure 1	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in SK-6619 NUV PART II (66)	455 Secs (455 Secs) *[==>]*	*[2]*
14	F275W Exposure 2	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in SK-6619 NUV PART II (66)	455 Secs (455 Secs) *[==>]*	*[2]*
15	F275W Exposure 3	ANY	WFC3/UVIS, ACCUM, UVIS	F275W	FLASH=11		Prime + Parallel Group 9-15 in SK-6619 NUV PART II (66)	429 Secs (429 Secs) *[==>]*	*[2]*

Orbit Structure




Orbit 2
Server Version: 20160601
Exp. 9 (Auto-WAVECAL)
GS Reacq
Unused Orbital Visibility = 29
Exp. 9
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 13
Exp. 14
Overhead
Exp. 12
Exp. 15
Exp. 11
Exp. 10

Visit

Proposal 14675, SK-6619 COS (38), completed Fri Dec 30 02:09:53 GMT 2016

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: SCHED 100%

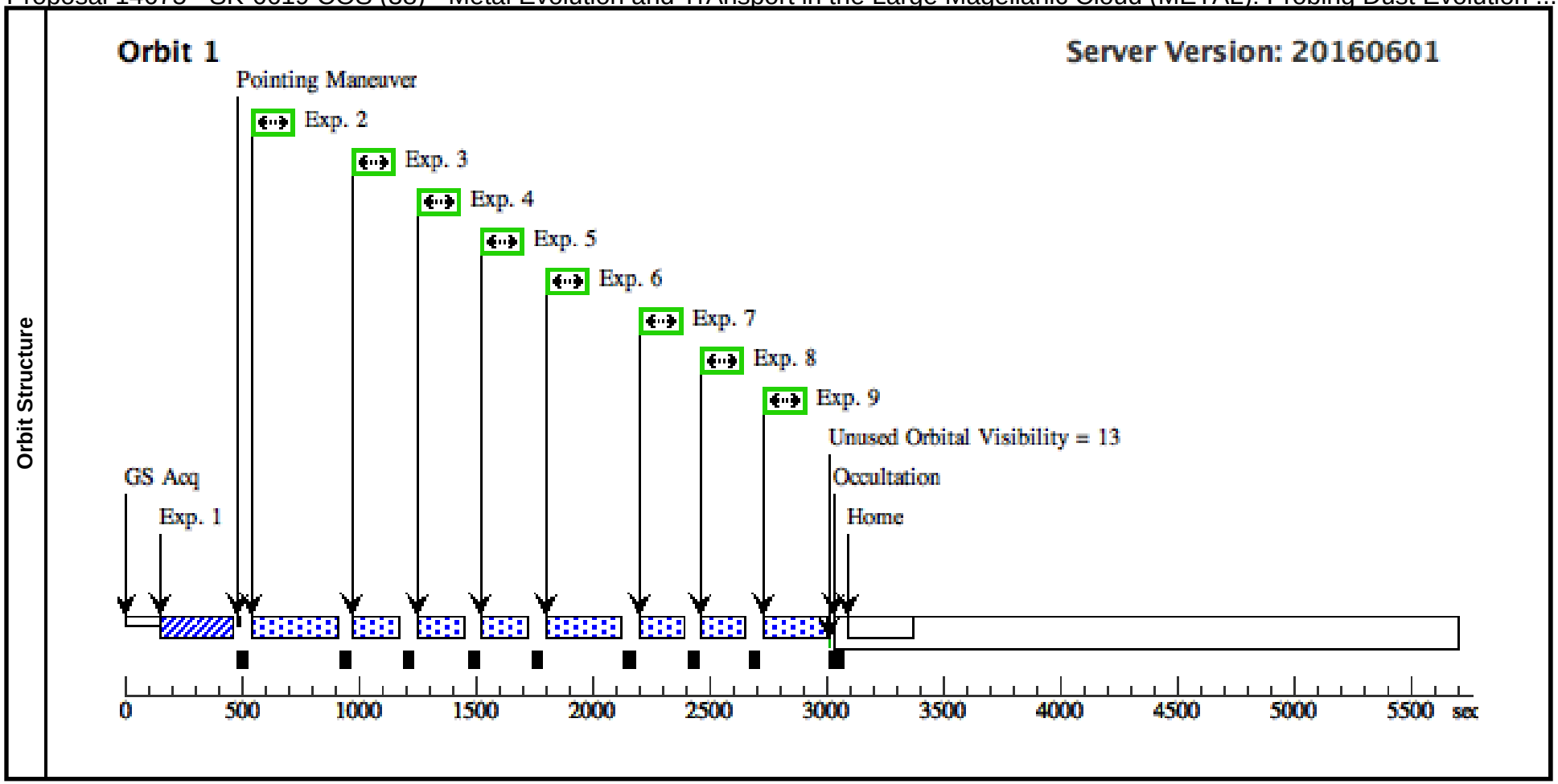
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	SK-6619	RA: 04 55 53.9510 (73.9747958d) Dec: -66 24 59.35 (-66.41649d) Equinox: J2000		V=12.79 B0Ia; FUV = 1.5e-13; NUV = 8e-14	Reference Frame: ICRS

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SK-6619_ACQ (COS.ta.840392)	(33) SK-6619	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40 Secs (40 Secs) *[==>]*	*[1]*
Comments: 73.9654769897461 -66.4179534912109 NoV									
2	SK-6619_COS_G160M (COS.sp.824249)	(33) SK-6619	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=1; BUFFER-TIME=600			150 Secs (150 Secs) *[==>]*	*[1]*
3	SK-6619_COS_G160M (COS.sp.824249)	(33) SK-6619	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=600			150 Secs (150 Secs) *[==>]*	*[1]*
4	SK-6619_COS_G160M (COS.sp.824249)	(33) SK-6619	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=600			150 Secs (150 Secs) *[==>]*	*[1]*
5	SK-6619_COS_G160M (COS.sp.824249)	(33) SK-6619	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=600			150 Secs (150 Secs) *[==>]*	*[1]*
6	SK-6619_COS_G130M (COS.sp.824251)	(33) SK-6619	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; BUFFER-TIME=425			150 Secs (150 Secs) *[==>]*	*[1]*
7	SK-6619_COS_G130M (COS.sp.824251)	(33) SK-6619	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; BUFFER-TIME=425			140 Secs (140 Secs) *[==>]*	*[1]*
8	SK-6619_COS_G130M (COS.sp.824251)	(33) SK-6619	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=425			140 Secs (140 Secs) *[==>]*	*[1]*
9	SK-6619_COS_G130M (COS.sp.824251)	(33) SK-6619	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=425			220 Secs (220 Secs) *[==>]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20160601
Pointing Maneuver
Exp. 2
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Exp. 7
Exp. 8
Exp. 9
Unused Orbital Visibility = 13
GS Acq
Exp. 1
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec