12870 - The mass and temperature distribution of accreting white dwarfs

Cycle: 20, Proposal Category: GO

(Large Program)

(Availability Mode: AVAILABLE)

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	(2) ASAS0025+12	COS/FUV	3	10-Mar-2014 21:11:32.0	yes
71	(62) TARGET02-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:11:45.0	yes
02	(78) SDSS1435+2336-COPY	COS/FUV	3	10-Mar-2014 21:11:58.0	yes
53	(72) TARGET78-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:12:09.0	yes
03	(54) V405-PEG	COS/FUV	3	10-Mar-2014 21:12:19.0	yes
75	(64) TARGET54-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:12:30.0	yes
05	(33) V485-CEN	COS/FUV	4	10-Mar-2014 21:12:40.0	yes
81	(76) TARGET33-SAFE-TARGET	COS/FUV	4	10-Mar-2014 21:12:49.0	yes
06	(4) SDSS0137-0912	COS/FUV COS/NUV	4	10-Mar-2014 21:12:58.0	yes
B8	(59) TARGET04-SAFE-TARGET	COS/FUV COS/NUV	4	10-Mar-2014 21:13:06.0	yes
07	(47) GW-LIB	COS/FUV	3	10-Mar-2014 21:13:16.0	yes
B1	(87) TARGET47-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:13:30.0	yes
08	(16) HS0728+6738	COS/FUV	3	10-Mar-2014 21:13:41.0	yes
09	(48) 1RXS-J105010.3-140431	COS/FUV	3	10-Mar-2014 21:13:51.0	yes
95	(84) TARGET48-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:14:01.0	yes
10	(31) SDSS1238-0339	COS/FUV	3	10-Mar-2014 21:14:11.0	yes
55	(73) TARGET31-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:14:22.0	yes
11	(49) V1108-HER	COS/FUV	3	10-Mar-2014 21:14:32.0	yes
B2	(88) TARGET49-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:14:42.0	yes
12	(18) SDSS0755+1435	COS/FUV	3	10-Mar-2014 21:14:52.0	yes
77	(65) TARGET18-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:15:03.0	yes
13	(50) QZ-LIB	COS/FUV COS/NUV	3	10-Mar-2014 21:15:15.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
91	(82) TARGET50-SAFE-TARGET	COS/FUV COS/NUV	3	10-Mar-2014 21:15:25.0	yes
14	(25) SDSS1005+1911	COS/FUV	3	10-Mar-2014 21:15:34.0	yes
49	(70) TARGET25-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:15:44.0	yes
15	(5) AX-FOR	COS/FUV COS/NUV	3	10-Mar-2014 21:15:53.0	yes
65	(92) TARGET05-SAFE-TARGET	COS/FUV COS/NUV	3	10-Mar-2014 21:16:03.0	yes
16	(32) IR-COM	COS/FUV	3	10-Mar-2014 21:16:13.0	yes
51	(71) TARGET32-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:16:23.0	yes
17	(55) BD-PAV	COS/FUV	3	10-Mar-2014 21:16:32.0	yes
B3	(89) TARGET55-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:16:42.0	yes
18	(37) SDSS1544+2553	COS/FUV COS/NUV	4	10-Mar-2014 21:16:52.0	yes
93	(83) TARGET37-SAFE-TARGET	COS/FUV COS/NUV	3	10-Mar-2014 21:17:04.0	yes
19	(6) HS0218+3229	COS/FUV	3	10-Mar-2014 21:17:14.0	yes
79	(66) TARGET06-SAFE-TARGET	COS/FUV	3	10-Mar-2014 21:17:24.0	yes
20	(56) HM-LEO	COS/FUV	4	10-Mar-2014 21:17:33.0	yes
57	(74) TARGET56-SAFE-TARGET	COS/FUV	4	10-Mar-2014 21:17:41.0	yes
21	(30) RZ-LEO	COS/FUV COS/NUV	4	10-Mar-2014 21:17:49.0	yes
85	(80) RZ-LEO-SAFE-TARGET	COS/FUV COS/NUV	4	10-Mar-2014 21:17:57.0	yes
22	(38) QZ-SER	COS/FUV COS/NUV	4	10-Mar-2014 21:18:05.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
B4	(90) TARGET38-SAFE-TARGET	COS/FUV COS/NUV	4	10-Mar-2014 21:18:13.0	yes
23	(27) SDSS1035+0551	COS/FUV COS/NUV	5	10-Mar-2014 21:18:26.0	yes
59	(75) TARGET27-SAFE-TARGET	COS/FUV COS/NUV	5	10-Mar-2014 21:18:41.0	yes
24	(8) 1RXS-J023238.8-371812	COS/FUV COS/NUV	5	10-Mar-2014 21:18:59.0	yes
67	(60) TARGET08-SAFE-TARGET	COS/FUV COS/NUV	5	10-Mar-2014 21:19:13.0	yes
25	(1) SDSS0011-0647	COS/FUV COS/NUV	5	10-Mar-2014 21:19:27.0	yes
69	(61) TARGET01-SAFE-TARGET	COS/FUV COS/NUV	5	10-Mar-2014 21:19:40.0	yes
26	(26) SDSS1006+2337	COS/FUV COS/NUV	5	10-Mar-2014 21:19:55.0	yes
D1	(97) TARGET26-SAFE-TARGET	COS/FUV COS/NUV	5	10-Mar-2014 21:20:09.0	yes
27	(46) CC-SCL	COS/FUV	2	10-Mar-2014 21:20:19.0	yes
B5	(91) TARGET46-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:20:28.0	yes
28	(51) OT-J213806.6+261957	COS/FUV	2	10-Mar-2014 21:20:37.0	yes
B7	(94) TARGET51-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:20:45.0	yes
29	(52) MR-UMA	COS/FUV	2	10-Mar-2014 21:20:58.0	yes
63	(58) TARGET52-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:21:09.0	yes
30	(53) SDSSJ1538+5123	COS/FUV	2	10-Mar-2014 21:21:18.0	yes
97	(85) TARGET53-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:21:27.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
31	(23) SDSS0932+4725	COS/FUV COS/NUV	2	10-Mar-2014 21:21:37.0	yes
43	(67) TARGET23-SAFE-TARGET	COS/FUV COS/NUV	2	10-Mar-2014 21:21:46.0	yes
32	(20) CU-VEL	COS/FUV	2	10-Mar-2014 21:21:55.0	yes
45	(68) TARGET20-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:22:04.0	yes
33	(11) SDSS0407-0644	COS/FUV	2	10-Mar-2014 21:22:13.0	yes
47	(69) TARGET11-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:22:22.0	yes
34	(14) CW-MON	COS/FUV	2	10-Mar-2014 21:22:31.0	yes
73	(63) TARGET14-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:22:44.0	yes
35	(45) HS2214+2845	COS/FUV	2	10-Mar-2014 21:22:53.0	yes
B6	(93) TARGET45-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:23:02.0	yes
36	(29) HS1055+0939	COS/FUV	2	10-Mar-2014 21:23:12.0	yes
89	(81) TARGET29-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:23:21.0	yes
37	(15) PU-CMA	COS/FUV	2	10-Mar-2014 21:23:30.0	yes
83	(77) TARGET15-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:23:39.0	yes
38	(42) DT-OCT	COS/FUV	2	10-Mar-2014 21:23:48.0	yes
99	(86) TARGET42-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:23:58.0	yes
39	(9) BB-ARI	COS/FUV COS/NUV	2	10-Mar-2014 21:24:07.0	yes
B9	(96) TARGET09-SAFE-TARGET	COS/FUV COS/NUV	2	10-Mar-2014 21:24:15.0	yes
40	(28) IY-UMA	COS/FUV	2	10-Mar-2014 21:24:24.0	yes
87	(79) TARGET28-SAFE-TARGET	COS/FUV	2	10-Mar-2014 21:24:33.0	yes
41	(41) V380-OPH	COS/FUV	3	10-Mar-2014 21:24:47.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
04	(40) SDSS1642+1347	COS/FUV COS/NUV	3	10-Mar-2014 21:24:56.0	yes
60	(40) SDSS1642+1347	S/C	1	10-Mar-2014 21:25:00.0	yes
61	(57) TARGET40-SAFE-TARGET	COS/FUV COS/NUV	3	10-Mar-2014 21:25:08.0	yes
62	(52) MR-UMA	S/C	1	10-Mar-2014 21:25:11.0	yes
VA	(12) HS0455+8315	COS/FUV	3	10-Mar-2014 21:25:20.0	yes
VB	(7) HS0220+0603	COS/FUV	3	10-Mar-2014 21:25:31.0	yes
VC	(24) LN-UMA	COS/FUV	3	10-Mar-2014 21:25:42.0	yes
VD	(13) BB-DOR	COS/FUV	3	10-Mar-2014 21:25:52.0	yes
VE	(10) HS0357+0614	COS/FUV	3	10-Mar-2014 21:26:03.0	yes
66	(8) 1RXS-J023238.8-371812	S/C	1	10-Mar-2014 21:26:07.0	yes
68	(61) TARGET01-SAFE-TARGET	S/C	1	10-Mar-2014 21:26:08.0	yes
70	(62) TARGET02-SAFE-TARGET	S/C	1	10-Mar-2014 21:26:10.0	yes
72	(14) CW-MON	S/C	1	10-Mar-2014 21:26:12.0	yes
74	(54) V405-PEG	S/C	1	10-Mar-2014 21:26:13.0	yes
76	(18) SDSS0755+1435	S/C	1	10-Mar-2014 21:26:15.0	yes
78	(6) HS0218+3229	S/C	1	10-Mar-2014 21:26:17.0	yes
42	(23) SDSS0932+4725	S/C	1	10-Mar-2014 21:26:18.0	yes
44	(20) CU-VEL	S/C	1	10-Mar-2014 21:26:20.0	yes
46	(11) SDSS0407-0644	S/C	1	10-Mar-2014 21:26:21.0	yes
48	(25) SDSS1005+1911	S/C	1	10-Mar-2014 21:26:23.0	yes
50	(32) IR-COM	S/C	1	10-Mar-2014 21:26:25.0	yes
52	(34) SDSS1435+2336	S/C	1	10-Mar-2014 21:26:26.0	yes
54	(31) SDSS1238-0339	S/C	1	10-Mar-2014 21:26:28.0	yes
56	(56) HM-LEO	S/C	1	10-Mar-2014 21:26:30.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
58	(27) SDSS1035+0551	S/C	1	10-Mar-2014 21:26:31.0	yes
80	(33) V485-CEN	S/C	1	10-Mar-2014 21:26:33.0	yes
82	(15) PU-CMA	S/C	1	10-Mar-2014 21:26:35.0	yes
84	(78) SDSS1435+2336-COPY	S/C	1	10-Mar-2014 21:26:36.0	yes
86	(28) IY-UMA	S/C	1	10-Mar-2014 21:26:38.0	yes
88	(30) RZ-LEO	S/C	1	10-Mar-2014 21:26:40.0	yes
90	(29) HS1055+0939	S/C	1	10-Mar-2014 21:26:41.0	yes
92	(50) QZ-LIB	S/C	1	10-Mar-2014 21:26:43.0	yes
94	(37) SDSS1544+2553	S/C	1	10-Mar-2014 21:26:45.0	yes
96	(48) 1RXS-J105010.3-140431	S/C	1	10-Mar-2014 21:26:47.0	yes
98	(53) SDSSJ1538+5123	S/C	1	10-Mar-2014 21:26:48.0	yes
1A	(42) DT-OCT	S/C	1	10-Mar-2014 21:26:50.0	yes
2A	(47) GW-LIB	S/C	1	10-Mar-2014 21:26:51.0	yes
3A	(49) V1108-HER	S/C	1	10-Mar-2014 21:26:53.0	yes
4A	(55) BD-PAV	S/C	1	10-Mar-2014 21:26:55.0	yes
5A	(38) QZ-SER	S/C	1	10-Mar-2014 21:26:56.0	yes
6A	(46) CC-SCL	S/C	1	10-Mar-2014 21:26:58.0	yes
64	(5) AX-FOR	S/C	1	10-Mar-2014 21:26:59.0	yes
7A	(45) HS2214+2845	S/C	1	10-Mar-2014 21:27:01.0	yes
8A	(51) OT-J213806.6+261957	S/C	1	10-Mar-2014 21:27:03.0	yes
VF	(95) OR-AND	COS/FUV	3	10-Mar-2014 21:27:12.0	yes
9A	(4) SDSS0137-0912	S/C	1	10-Mar-2014 21:27:21.0	yes
1C	(9) BB-ARI	S/C	1	10-Mar-2014 21:27:22.0	yes
2C	(26) SDSS1006+2337	S/C	1	10-Mar-2014 21:27:24.0	yes

297 Total Orbits Used

ABSTRACT

2011 was an extraordinary year for astronomy, with the Nobel Prize for Physics being awarded for the discovery of dark enery. Yet, we are unable to explain the precise nature of type Ia supernovae, the very tool that led to that discovery. We propose an ambitious ultaviolet survey of a large sample of accreting white dwarfs that will improve by an order of magnitude our insight into the evolution of compact binaries and the effect that the accretion of mass and angular momentum has on the structure of the white dwarf. This COS survey will double the number of accreting white dwarfs with accurate effective temperatures, thereby measuring their mean secular accretion rates. We will investigate the spin rates of accreting white dwarfs, which have recently been subject of discussion in the context of super-Chandrasehkar SNIa. Measuring the abundances of the accretion flow onto the white dwarfs, we will precisely determine the frequency of systems that underwent thermal-time scale mass transfer, one of the canonical pathways thought to lead to type Ia explosions. Finally, using the synergy of GAIA parallaxes with the analysis of our COS data, we will quadruple the number of accreting white dwarfs with accurate mass measurements, and probe in exquisite detail the possibility that white dwarfs, in particular those that underwent thermal-time scale mass transfer, grow in mass. Confirming mass growth in these systems would provide an alternative channel for long-delay time SNIa, solving the discrepancy between the observed rates and the currently favored double-degenerate model.

OBSERVING DESCRIPTION

The aim of this program is to obtain far-ultraviolet COS G140L spectroscopy of the accreting white dwarfs in 41 catacysmic variables. The set of targets was chosen to maximise the chances of detecting the white dwarf in the UV, covering the entire period distribution of CVs, and avoiding frequently outbursting systems. Because of their binary nature and intrinsic variability, this will be a somewhat challenging task, as we will have to insure the safety of the COS detectors. This will be done by intense ground-based monitoring leading up to the HST observations.

The actual COS observations are relatively straight-forward: target acquisition, depending on the target brightness, will be done with NUV imaging, or in dispersed light using the G140L grating. At present, the coordinates and proper motions are drawn from the PPMXL catalogue, which has proven to be reliable and accurate to fractions of an arcsec, hence we do not precede the observations with a search pattern. However, to be absolutely sure, we have begun obtaining ground-based images from which we will determine the coordinates at the present epoch, and update the proper motions. Depending on the target brightness, the COS G140L spectroscopy will extend over 2, 3, 4, or 5 orbits. We will make use of all 4 FP-POS positions.

Special Notes:

* A small subset of stars (HS0728+6738, HS0357+0614, LN-UMa, HS0455+8315, BB-Dor, HS0220+0603, V380-Oph) are VY Scl type cataclysmic variables. In their normal state, the accretion disk is bright, and the white dwarf can not be observed. However, in these stars the mass transfer ceases at unpredictable intervals, and they fade by ~4mag - at which point the white dwarf is exposed. We include 7 of these stars to maximise the chance of catching a low state, and, based on past statistics on these low states, we expect that only 2 of these stars will enter a low state in Cycle 20 - both will be observed with 3-orbit visits, hence the other 5 VY Scl-type targets do not count against the orbit allocation. [I have currently set up visits only for HS0728+6738 and V380 Oph, to avoid triggering an orbit mismatch].

* Several of the targets are eclipsing (SDSS1035+0551, IY-UMa, HS0728+6738, HS0455+8315, SDSS0407-0644, SDSS1006+2337, SDSS1544+2553), for these the target acqusition has to be scheduled such that it avoids the eclipse. The strategy should hence be similar to HST program 11621.

* More background on all targets will be posted at http://deneb.astro.warwick.ac.uk/phsdaj/Upload/12870_PhaseII.html

Visit

Proposal 12870, ASAS0025+12 (01), completed Tue Mar 11 01:27:47 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 250D TO 136 D; BETWEEN 09-OCT-2012:00:00:00 AND 25-JAN-2013:00:00:00; BETWEEN 20-JUN-2013:00:00:00 AND 31-DEC-2013:00:00:00

Diagnostics

(ASAS0025+12 (01)) Warning (Orbit Planner): VISIBILITY OVERRUN

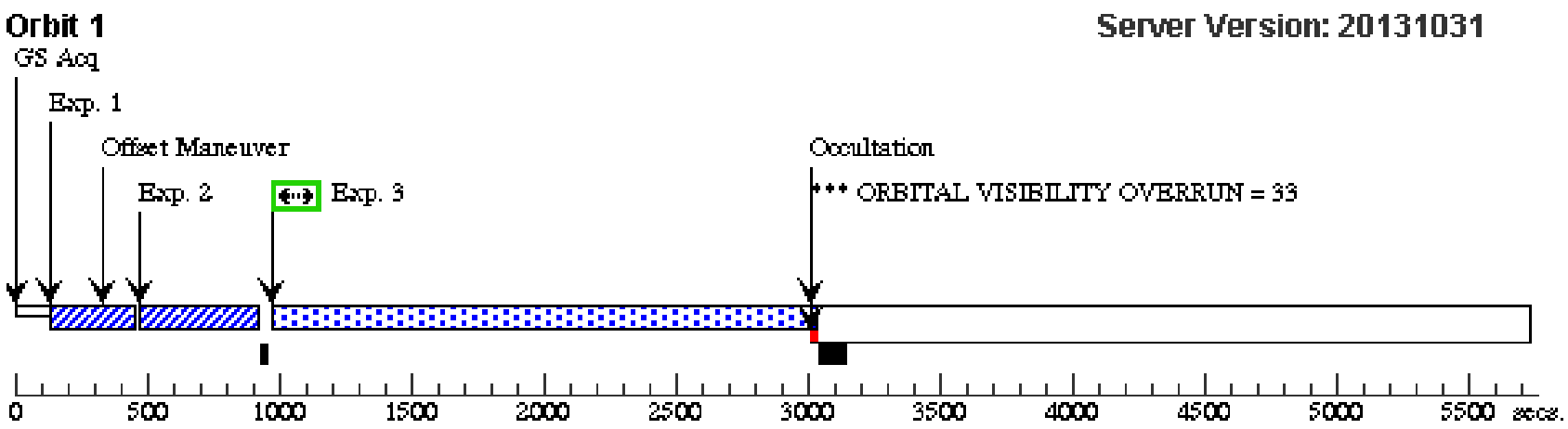
Fixed Targets

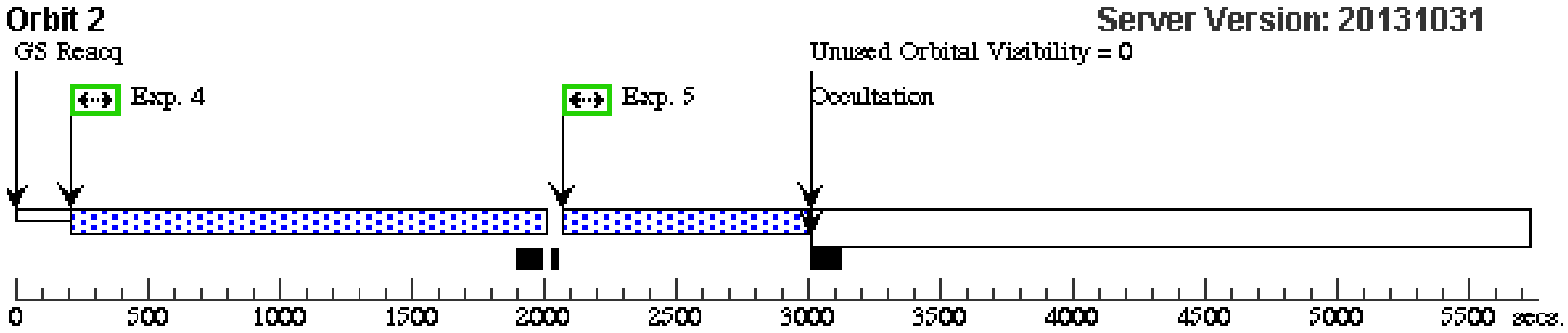
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	ASAS0025+12	RA: 00 25 11.1400 (6.2964167d) Dec: +12 17 12.10 (12.28669d) Equinox: J2000	Proper Motion RA: -5.3 mas/yr Proper Motion Dec: -76.1 mas/yr Epoch of Position: 2000.0	V=17.5+/-0.3 GALEX FUV=160microJy GALEX NUV=260microJy	Reference Frame: ICRS

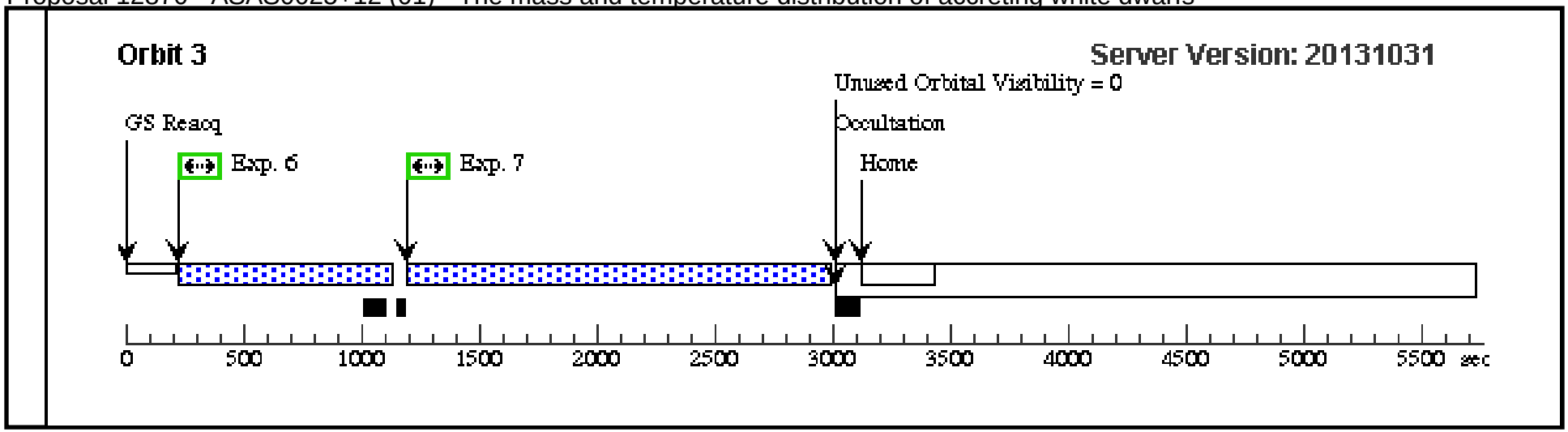
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	ASAS0025+12 ACQ/PEAKXD (COS.sa.433079)	(2) ASAS0025+12	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V01SAF		60 Secs (60 Secs) *[==>]*	*[1]*
2	ASAS0025+12 ACQ/PEAKD (COS.sa.433079)	(2) ASAS0025+12	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V01SAF		60 Secs (60 Secs) *[==>]*	*[1]*
3	ASAS0025+12 FP-1 (COS.sp.414220)	(2) ASAS0025+12	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1944; FP-POS=1; FLASH=YES	USE OFFSET V01SAF		1944 Secs (1944 Secs) *[==>]*	*[1]*
4	ASAS0025+12 FP-2 (COS.sp.414220)	(2) ASAS0025+12	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1650; FP-POS=2; FLASH=YES	USE OFFSET V01SAF		1750 Secs (1750 Secs) *[==>]*	*[2]*
5	ASAS0025+12 FP-3 (COS.sp.414220)	(2) ASAS0025+12	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=849; FP-POS=3; FLASH=YES	USE OFFSET V01SAF		874 Secs (874 Secs) *[==>]*	*[2]*
6	ASAS0025+12 FP-3 (COS.sp.414220)	(2) ASAS0025+12	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V01SAF		864 Secs (864 Secs) *[==>]*	*[3]*
7	ASAS0025+12 FP-4 (COS.sp.414220)	(2) ASAS0025+12	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES	USE OFFSET V01SAF		1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 6
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, ASAS0025+12-BOP-ONLY (71), withdrawn Tue Mar 11 01:27:50 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 250D TO 136 D; BETWEEN 09-OCT-2012:00:00:00 AND 25-JAN-2013:00:00:00; BETWEEN 20-JUN-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

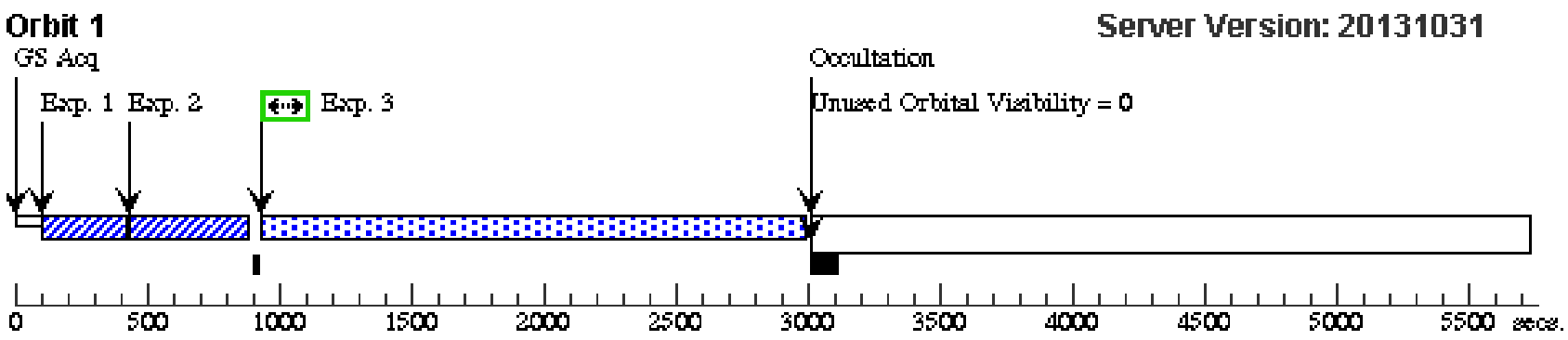
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	ASAS0025+12	RA: 00 25 11.1400 (6.2964167d) Dec: +12 17 12.10 (12.28669d) Equinox: J2000	Proper Motion RA: -5.3 mas/yr Proper Motion Dec: -76.1 mas/yr Epoch of Position: 2000.0	V=17.5+/-0.3 GALEX FUV=160microJy GALEX NUV=260microJy	Reference Frame: ICRS
(62)	TARGET02-SAFE-TARGET	Offset from ASAS0025+12 RA Offset: 0.51 Secs Dec Offset: 5.042 Arcsec		V=17.5+/-0.3	Offset Position (TARGET02-SAFE-TARGET)

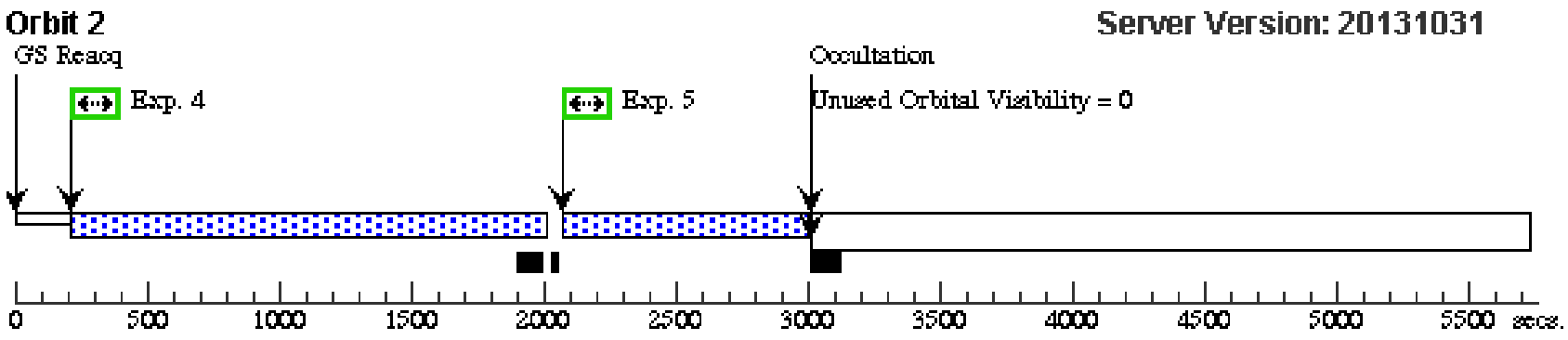
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.048 arcseconds away at a PA 123.9 degrees from ASAS0025+12.

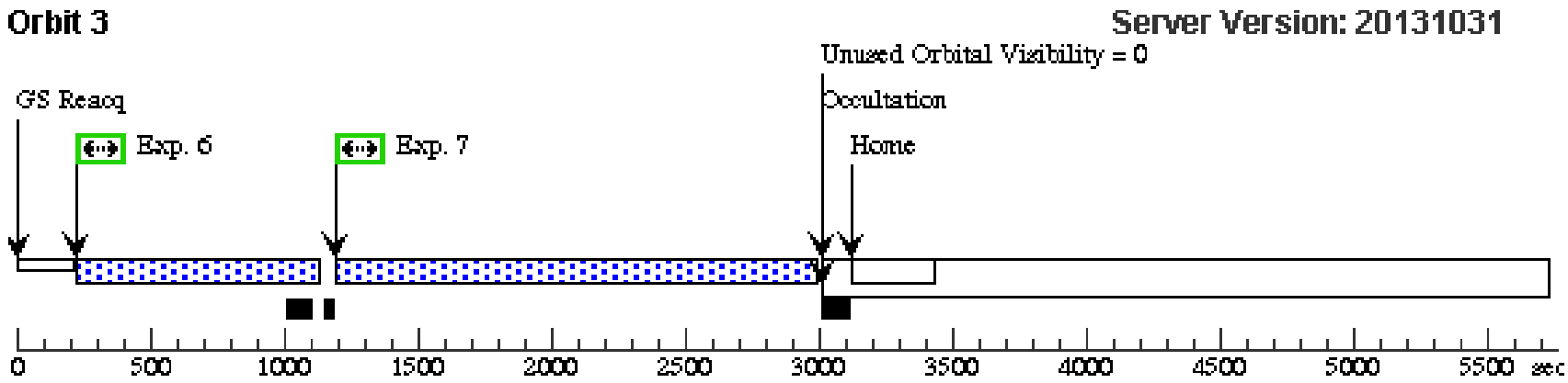
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	ASAS0025+12 ACQ/PEAKXD (COS.sa.433079)	(62) TARGET02-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				60 Secs (60 Secs) *[==>]*	*[1]*
2	ASAS0025+12 ACQ/PEAKD (COS.sa.433079)	(62) TARGET02-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			60 Secs (60 Secs) *[==>]*	*[1]*
3	ASAS0025+12 FP-1 (COS.sp.414220)	(62) TARGET02-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1944; FP-POS=1; FLASH=YES			1944 Secs (1944 Secs) *[==>]*	*[1]*
4	ASAS0025+12 FP-2 (COS.sp.414220)	(62) TARGET02-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1650; FP-POS=2; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[2]*
5	ASAS0025+12 FP-3 (COS.sp.414220)	(62) TARGET02-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=849; FP-POS=3; FLASH=YES			874 Secs (874 Secs) *[==>]*	*[2]*
6	ASAS0025+12 FP-3 (COS.sp.414220)	(62) TARGET02-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	ASAS0025+12 FP-4 (COS.sp.414220)	(62) TARGET02-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, SDSS1435+2336 (02), completed Tue Mar 11 01:27:52 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 245D TO 135 D; BETWEEN 20-DEC-2012:00:00:00 AND 15-AUG-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(SDSS1435+2336 (02)) Warning (Orbit Planner): VISIBILITY OVERRUN

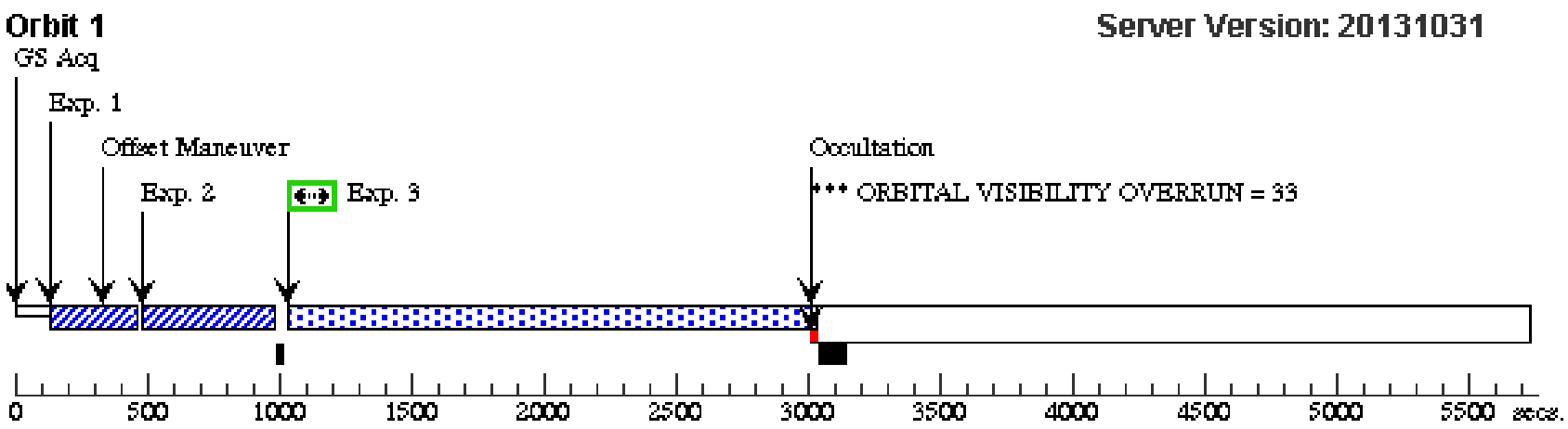
Fixed Targets

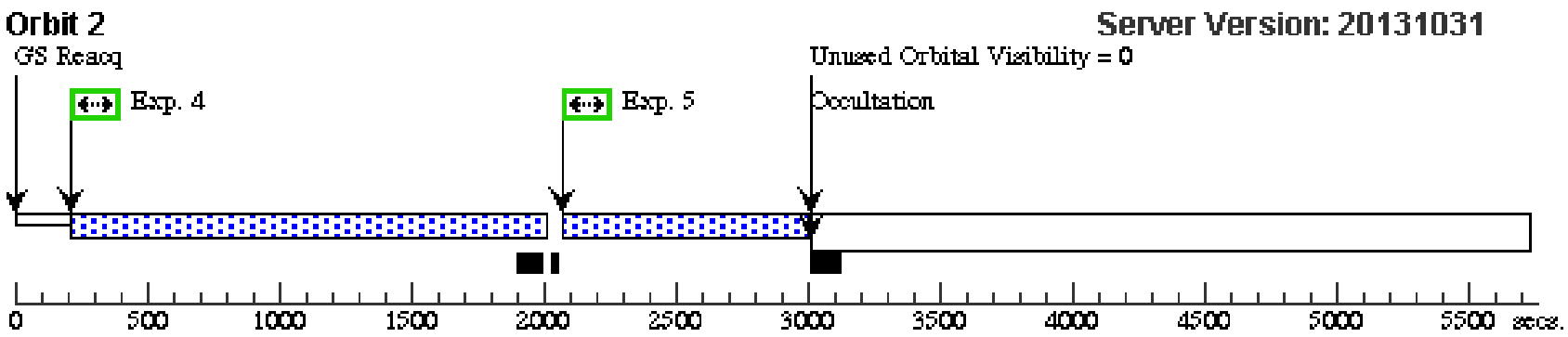
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(78)	SDSS1435+2336-COPY	RA: 14 35 44.0200 (218.9334167d) Dec: +23 36 38.70 (23.61075d) Equinox: J2000	Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=130microJy GALEX NUV=160microJy	Reference Frame: ICRS

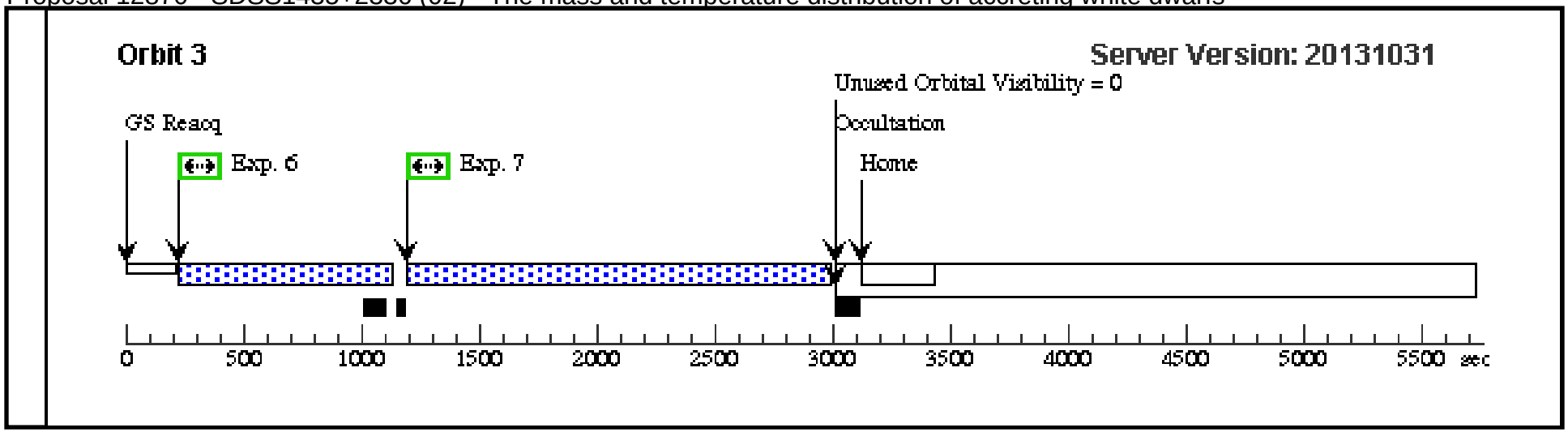
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1435+2336 ACQ/PEAKXD (COS.sa.433081)	(78) SDSS1435+2336-COPY	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V02SAG		70 Secs (70 Secs) *[==>]*	*[1]*
2	SDSS1435+2336 ACQ/PEAKD (COS.sa.433081)	(78) SDSS1435+2336-COPY	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V02SAG		70 Secs (70 Secs) *[==>]*	*[1]*
3	SDSS1435+2336 FP-1 (COS.sp.414220)	(78) SDSS1435+2336-COPY	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1884; FP-POS=1; FLASH=YES	USE OFFSET V02SAG		1884 Secs (1884 Secs) *[==>]*	*[1]*
4	SDSS1435+2336 FP-2 (COS.sp.414220)	(78) SDSS1435+2336-COPY	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1650; FP-POS=2; FLASH=YES	USE OFFSET V02SAG		1750 Secs (1750 Secs) *[==>]*	*[2]*
5	SDSS1435+2336 FP-3 (COS.sp.414220)	(78) SDSS1435+2336-COPY	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=849; FP-POS=3; FLASH=YES	USE OFFSET V02SAG		874 Secs (874 Secs) *[==>]*	*[2]*
6	SDSS1435+2336 FP-3 (COS.sp.414220)	(78) SDSS1435+2336-COPY	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V02SAG		864 Secs (864 Secs) *[==>]*	*[3]*
7	SDSS1435+2336 FP-4 (COS.sp.414220)	(78) SDSS1435+2336-COPY	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES	USE OFFSET V02SAG		1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 6
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS1435+2336-BOP-ONLY (53), withdrawn Tue Mar 11 01:27:53 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 245D TO 135 D; BETWEEN 20-DEC-2012:00:00:00 AND 15-AUG-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

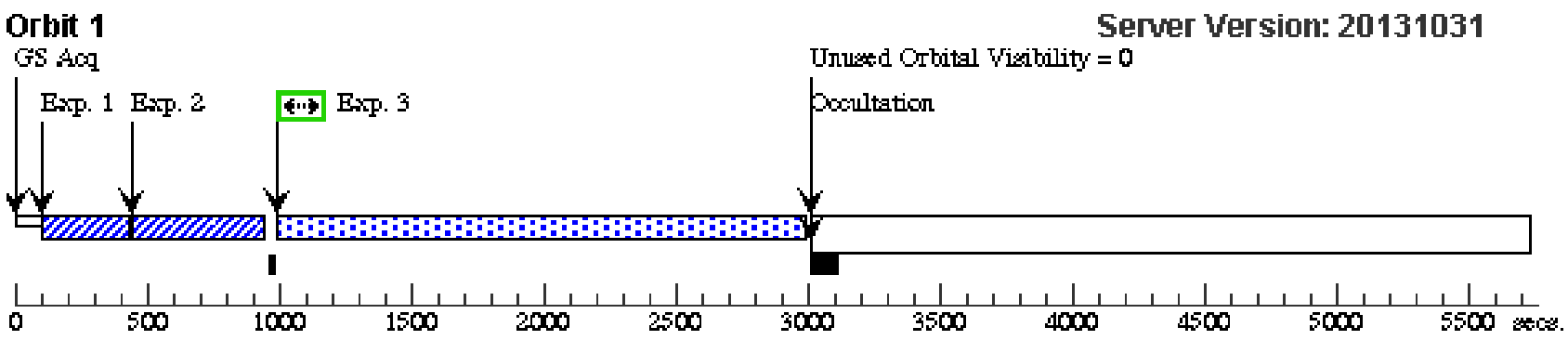
Fixed Targets

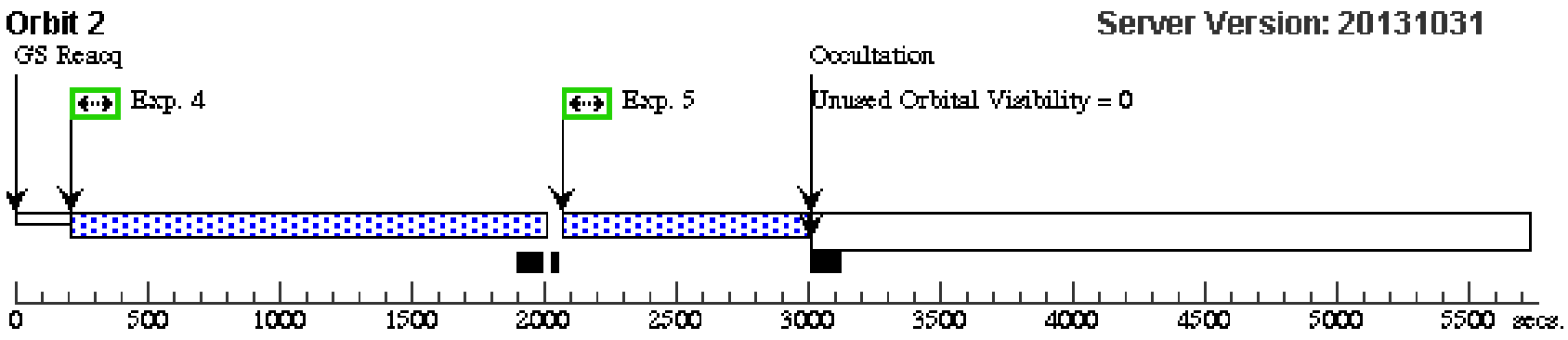
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(72)	TARGET78-SAFE-TARGET	Offset from SDSS1435+2336-COPY RA Offset: 0.48 Secs Dec Offset: 6.024 Arcsec		V=18.2+/-0.3	Offset Position (TARGET78-SAFE-TARGET)
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.019 arcseconds away at a PA 48.1 degrees from SDSS1435+2336. (Target 34 is original science target corresponding to visit 02. Target 34 was copied to science target 78. The original safe target 72 is still safe to use with updated coords/params.					
(78)	SDSS1435+2336-COPY	RA: 14 35 44.0200 (218.9334167d) Dec: +23 36 38.70 (23.61075d) Equinox: J2000	Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=130microJy GALEX NUV=160microJy	Reference Frame: ICRS

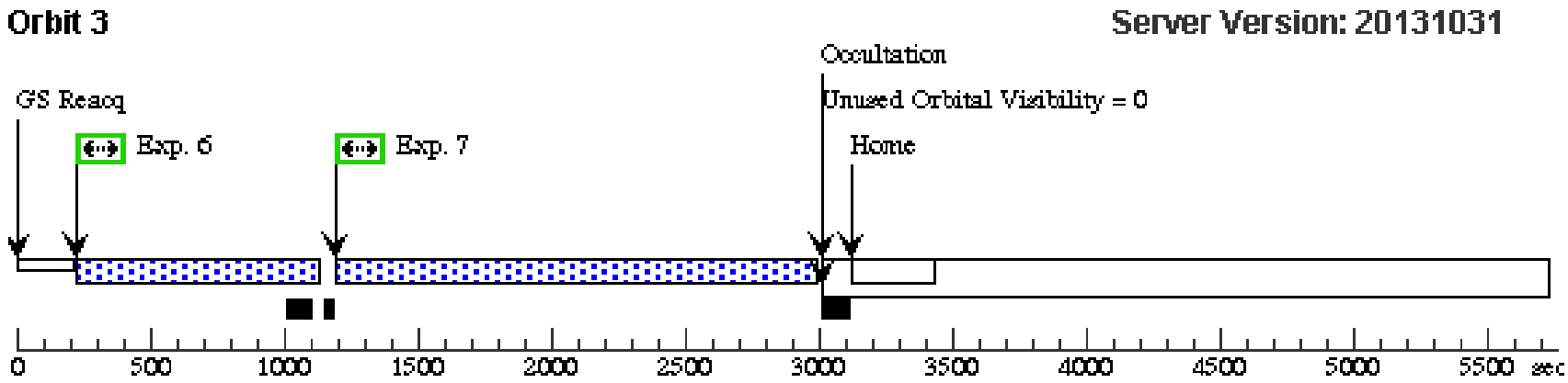
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1435+2336 ACQ/PEAKXD (COS.sa.433081)	(72) TARGET78-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				70 Secs (70 Secs) *[==>]*	*[1]*
2	SDSS1435+2336 ACQ/PEAKD (COS.sa.433081)	(72) TARGET78-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			70 Secs (70 Secs) *[==>]*	*[1]*
3	SDSS1435+2336 FP-1 (COS.sp.414220)	(72) TARGET78-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1884; FP-POS=1; FLASH=YES			1884 Secs (1884 Secs) *[==>]*	*[1]*
4	SDSS1435+2336 FP-2 (COS.sp.414220)	(72) TARGET78-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1650; FP-POS=2; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[2]*
5	SDSS1435+2336 FP-3 (COS.sp.414220)	(72) TARGET78-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=849; FP-POS=3; FLASH=YES			874 Secs (874 Secs) *[==>]*	*[2]*
6	SDSS1435+2336 FP-3 (COS.sp.414220)	(72) TARGET78-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	SDSS1435+2336 FP-4 (COS.sp.414220)	(72) TARGET78-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, V405-Peg (03), completed Tue Mar 11 01:27:54 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 335D TO 190 D; BETWEEN 09-OCT-2012:00:00:00 AND 10-JAN-2013:00:00:00; BETWEEN 01-JUN-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This visit should be scheduled in evening-local time. The flags need to be cleared during the work day.

Diagnostics

(V405-Peg (03)) Warning (Orbit Planner): VISIBILITY OVERRUN

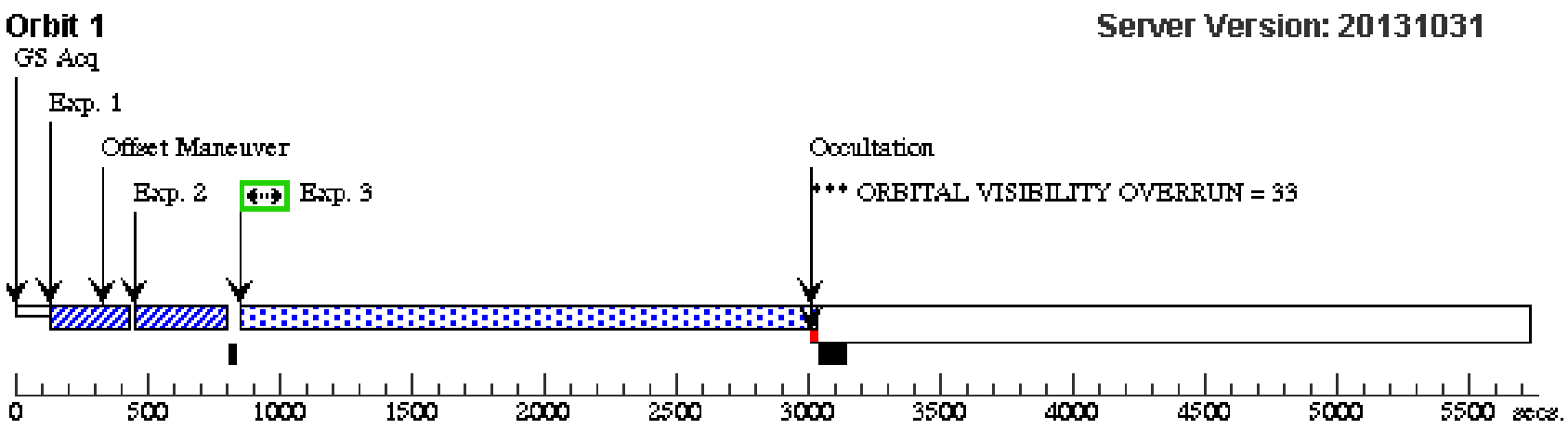
Fixed Targets

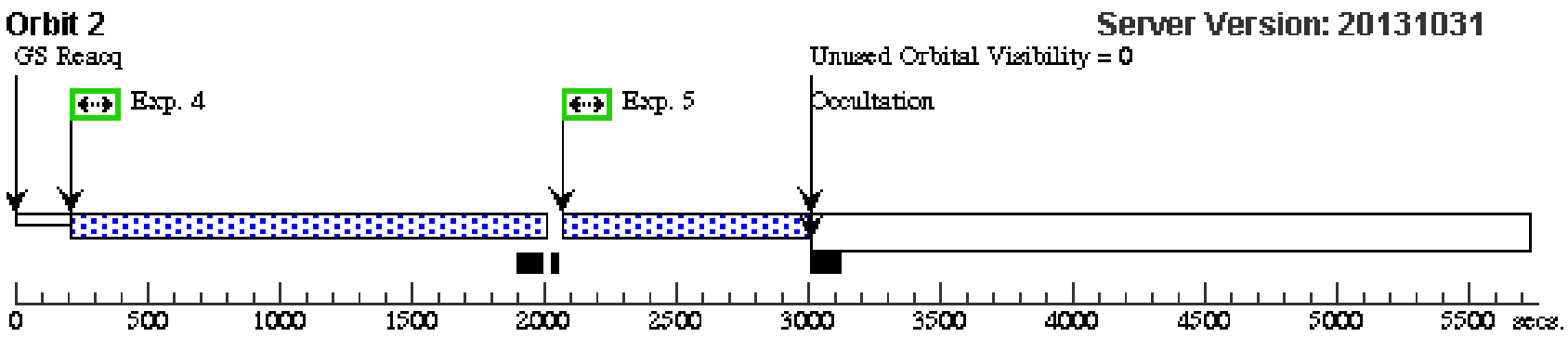
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(54)	V405-PEG	RA: 23 09 49.1762 (347.4549008d) Dec: +21 35 17.45 (21.58818d) Equinox: J2000	Proper Motion RA: -12.8 mas/yr Proper Motion Dec: -67.7 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3	Reference Frame: ICRS

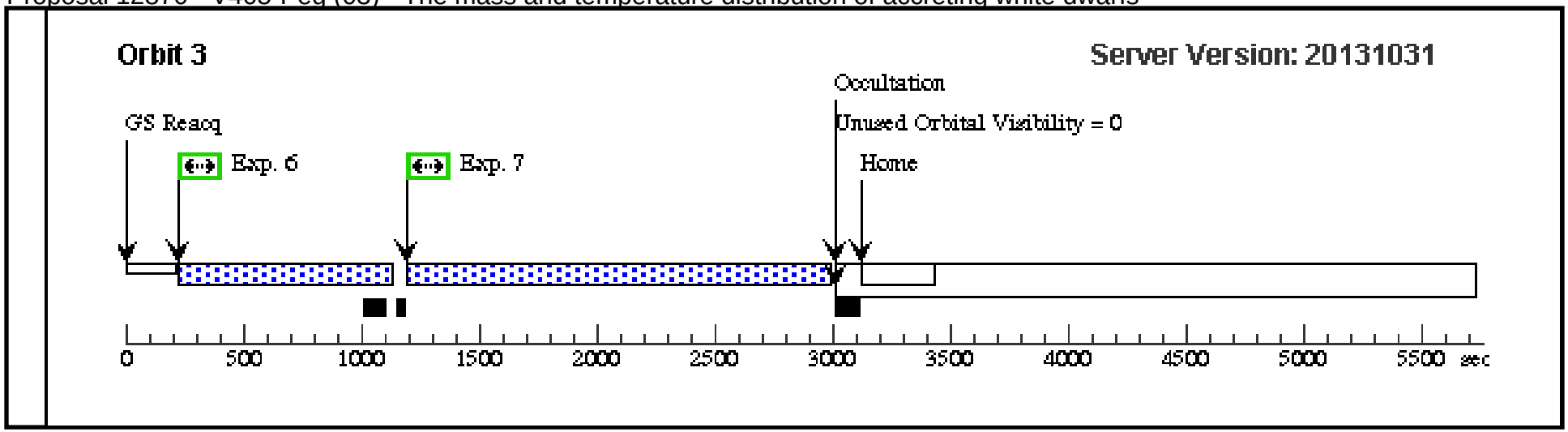
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	V405-Peg ACQ/PEAKXD (COS.sa.415739)	(54) V405-PEG	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V03SAF		40 Secs (40 Secs) *[==>]*	*[1]*
2	V405-Peg ACQ/PEAKD (COS.sa.415739)	(54) V405-PEG	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V03SAF		40 Secs (40 Secs) *[==>]*	*[1]*
3	V405-Peg FP-1 (COS.sp.415730)	(54) V405-PEG	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2064; FP-POS=1; FLASH=YES	USE OFFSET V03SAF		2064 Secs (2064 Secs) *[==>]*	*[1]*
4	V405-Peg FP-2 (COS.sp.415730)	(54) V405-PEG	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1650; FP-POS=2; FLASH=YES	USE OFFSET V03SAF		1750 Secs (1750 Secs) *[==>]*	*[2]*
5	V405-Peg FP-3 (COS.sp.415730)	(54) V405-PEG	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=849; FP-POS=3; FLASH=YES	USE OFFSET V03SAF		874 Secs (874 Secs) *[==>]*	*[2]*
6	V405-Peg FP-3 (COS.sp.415730)	(54) V405-PEG	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V03SAF		864 Secs (864 Secs) *[==>]*	*[3]*
7	V405-Peg FP-4 (COS.sp.415730)	(54) V405-PEG	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES	USE OFFSET V03SAF		1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 6
Exp. 7
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, V405-Peg-BOP-ONLY (75), withdrawn Tue Mar 11 01:27:56 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 335D TO 190 D; BETWEEN 09-OCT-2012:00:00:00 AND 10-JAN-2013:00:00:00; BETWEEN 01-JUN-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

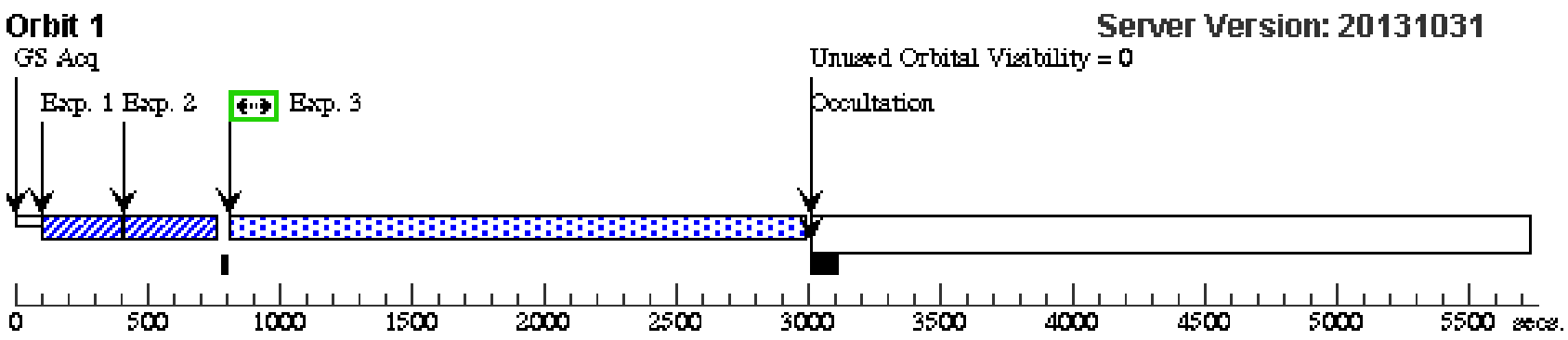
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(54)	V405-PEG	RA: 23 09 49.1762 (347.4549008d) Dec: +21 35 17.45 (21.58818d) Equinox: J2000	Proper Motion RA: -12.8 mas/yr Proper Motion Dec: -67.7 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3	Reference Frame: ICRS
(64)	TARGET54-SAFE-TARGET	Offset from V405-PEG RA Offset: 0.52 Secs Dec Offset: -5.4 Arcsec		V=17.9+/-0.3	Offset Position (TARGET54-SAFE-TARGET)

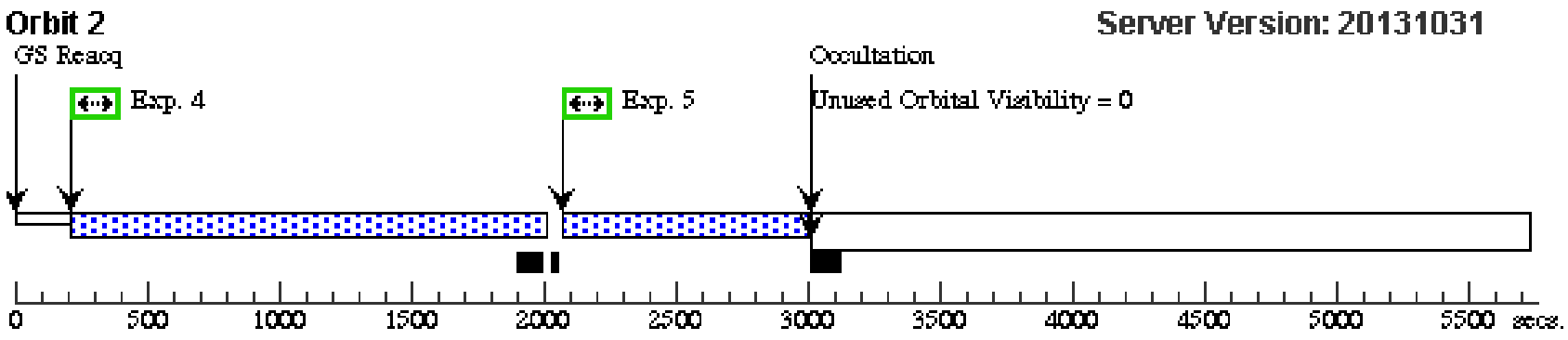
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.09 arcseconds away at a PA 126.4 degrees from V405-PEG.

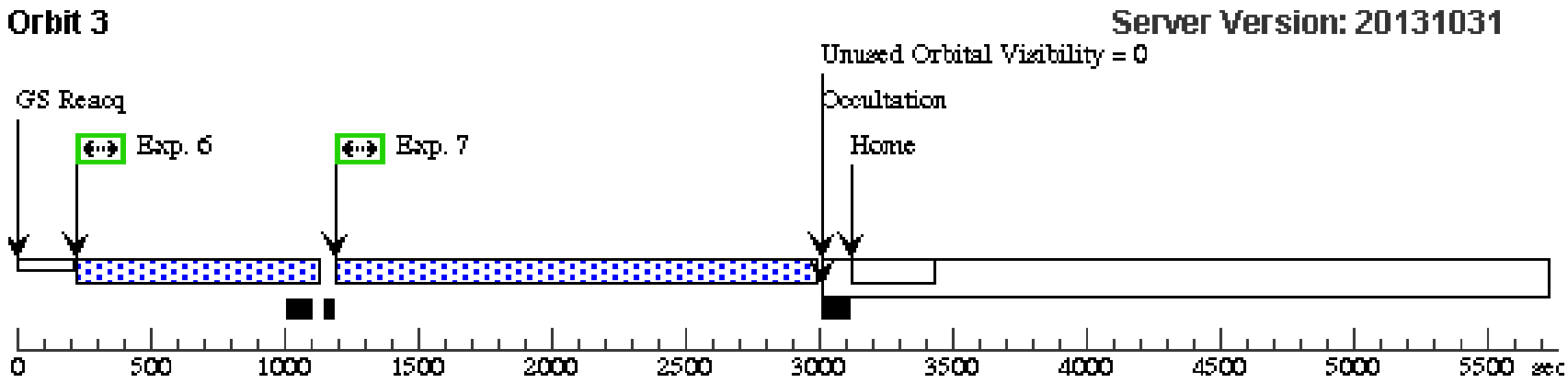
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	V405-Peg ACQ/PEAKXD (COS.sa.415739)	(64) TARGET54-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				40 Secs (40 Secs) *[==>]*	*[1]*
2	V405-Peg ACQ/PEAKD (COS.sa.415739)	(64) TARGET54-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			40 Secs (40 Secs) *[==>]*	*[1]*
3	V405-Peg FP-1 (COS.sp.415730)	(64) TARGET54-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2064; FP-POS=1; FLASH=YES			2064 Secs (2064 Secs) *[==>]*	*[1]*
4	V405-Peg FP-2 (COS.sp.415730)	(64) TARGET54-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1650; FP-POS=2; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[2]*
5	V405-Peg FP-3 (COS.sp.415730)	(64) TARGET54-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=849; FP-POS=3; FLASH=YES			874 Secs (874 Secs) *[==>]*	*[2]*
6	V405-Peg FP-3 (COS.sp.415730)	(64) TARGET54-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	V405-Peg FP-4 (COS.sp.415730)	(64) TARGET54-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, V485-Cen (05), completed Tue Mar 11 01:27:57 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 145D TO 40 D; BETWEEN 15-DEC-2012:00:00:00 AND 15-AUG-2013:00:00:00; ON HOLD

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

On Hold Comments: Needs further discussion of the target acq strategy

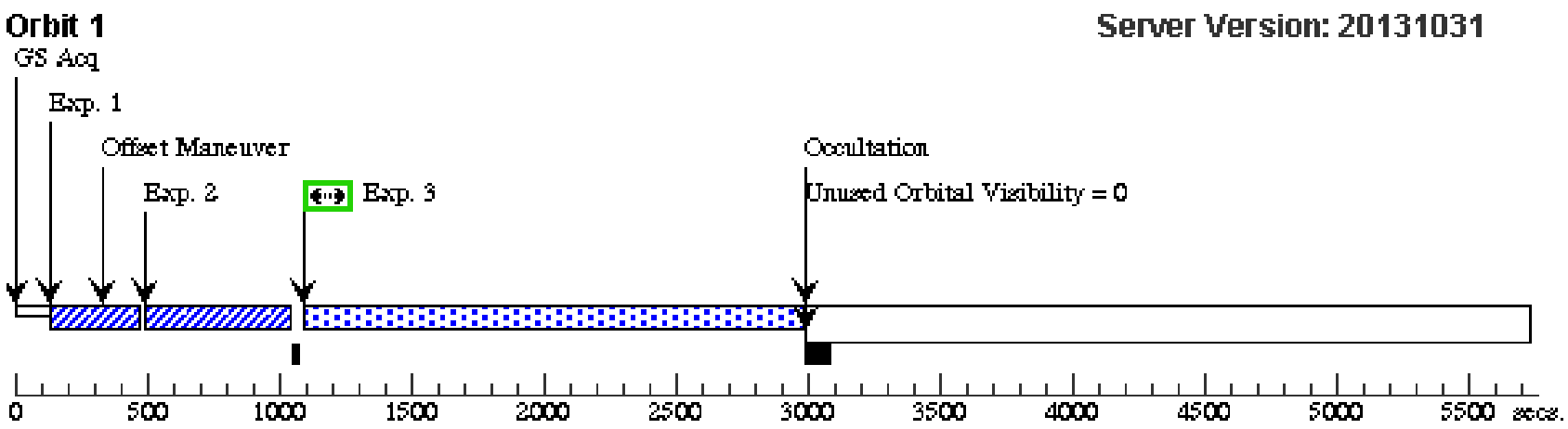
Fixed Targets

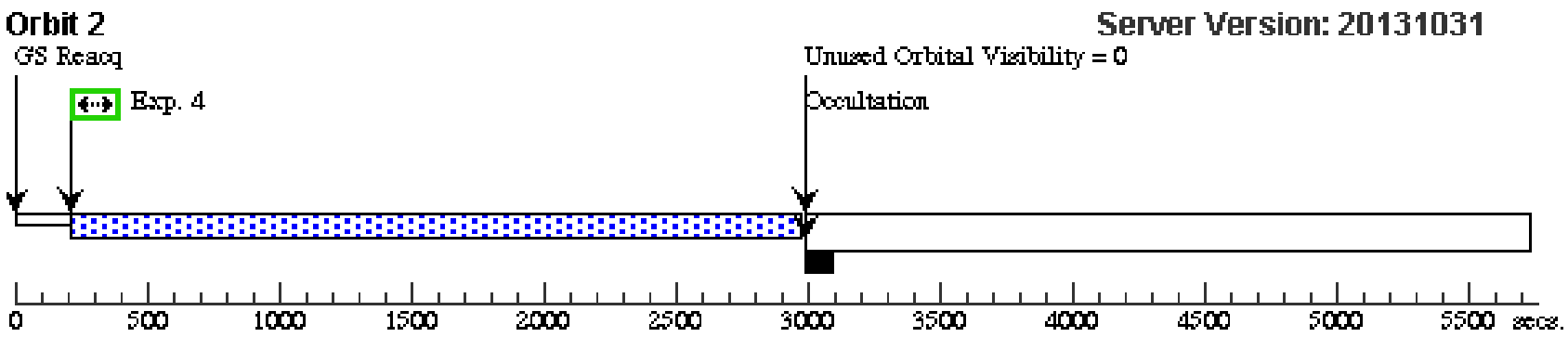
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	V485-CEN	RA: 12 57 23.1800 (194.3465833d) Dec: -33 12 5.70 (-33.20158d) Equinox: J2000	Proper Motion RA: -50.4 mas/yr Proper Motion Dec: 2.5 mas/yr Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=83microJy GALEX NUV=130microJy	Reference Frame: ICRS

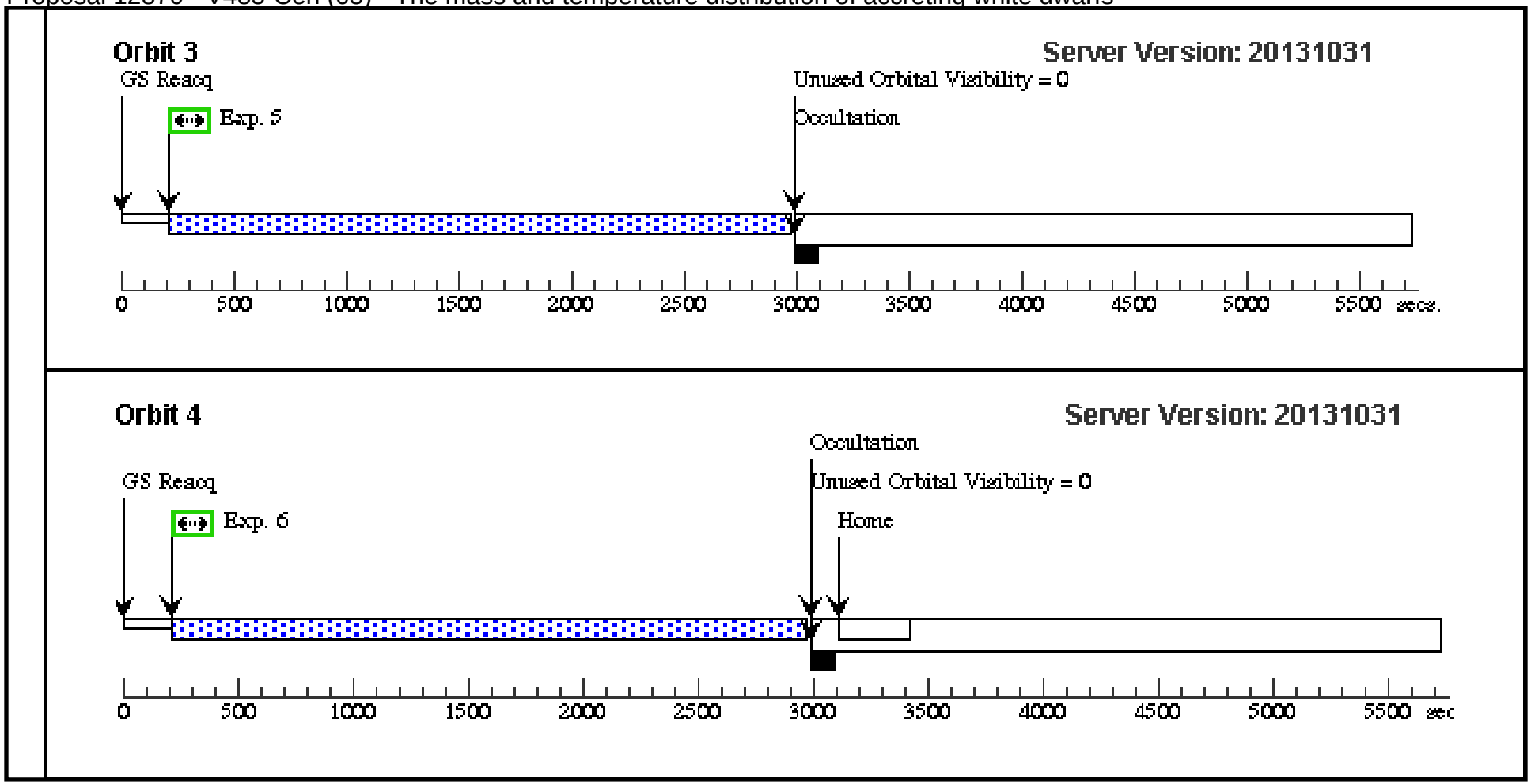
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	V485-Cen ACQ/PEAKXD (COS.sa.433079)	(33) V485-CEN	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V05SAF		80 Secs (80 Secs) *[==>]*	*[1]*
2	V485-Cen ACQ/PEAKD (COS.sa.433079)	(33) V485-CEN	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V05SAF		80 Secs (80 Secs) *[==>]*	*[1]*
3	V485-Cen FP-1 (COS.sp.415547)	(33) V485-CEN	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2005; FP-POS=1; FLASH=YES	USE OFFSET V05SAF		1773 Secs (1773 Secs) *[==>]*	*[1]*
4	V485-Cen FP-2 (COS.sp.415547)	(33) V485-CEN	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2711; FP-POS=2; FLASH=YES	USE OFFSET V05SAF		2711 Secs (2711 Secs) *[==>]*	*[2]*
5	V485-Cen FP-3 (COS.sp.415547)	(33) V485-CEN	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2711; FP-POS=3; FLASH=YES	USE OFFSET V05SAF		2711 Secs (2711 Secs) *[==>]*	*[3]*
6	V485-Cen FP-4 (COS.sp.415547)	(33) V485-CEN	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2711; FP-POS=4; FLASH=YES	USE OFFSET V05SAF		2711 Secs (2711 Secs) *[==>]*	*[4]*

Orbit Structure






Orbit 3
Server Version: 20131031
GS Reacq
Exp. 5
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 4
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, V485-Cen-BOP-ONLY (81), withdrawn Tue Mar 11 01:27:58 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 145D TO 40 D; BETWEEN 15-DEC-2012:00:00:00 AND 15-AUG-2013:00:00:00; ON HOLD

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

On Hold Comments: Needs further discussion of the target acq strategy

Fixed Targets

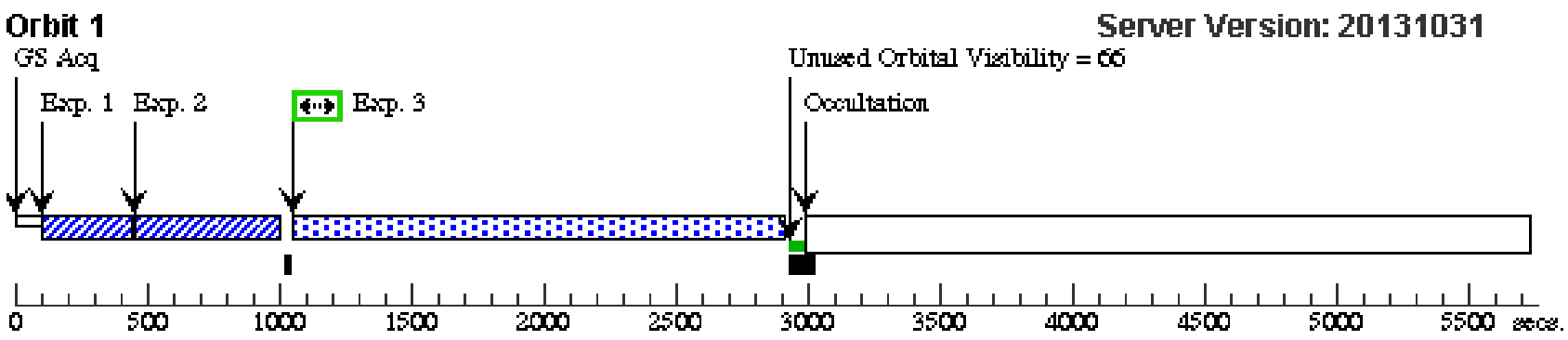
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	V485-CEN	RA: 12 57 23.1800 (194.3465833d) Dec: -33 12 5.70 (-33.20158d) Equinox: J2000	Proper Motion RA: -50.4 mas/yr Proper Motion Dec: 2.5 mas/yr Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=83microJy GALEX NUV=130microJy	Reference Frame: ICRS
(76)	TARGET33-SAFE-TARGET	Offset from V485-CEN RA Offset: -0.48 Secs Dec Offset: 6.79 Arcsec		V=18.2+/-0.3	Offset Position (TARGET33-SAFE-TARGET)

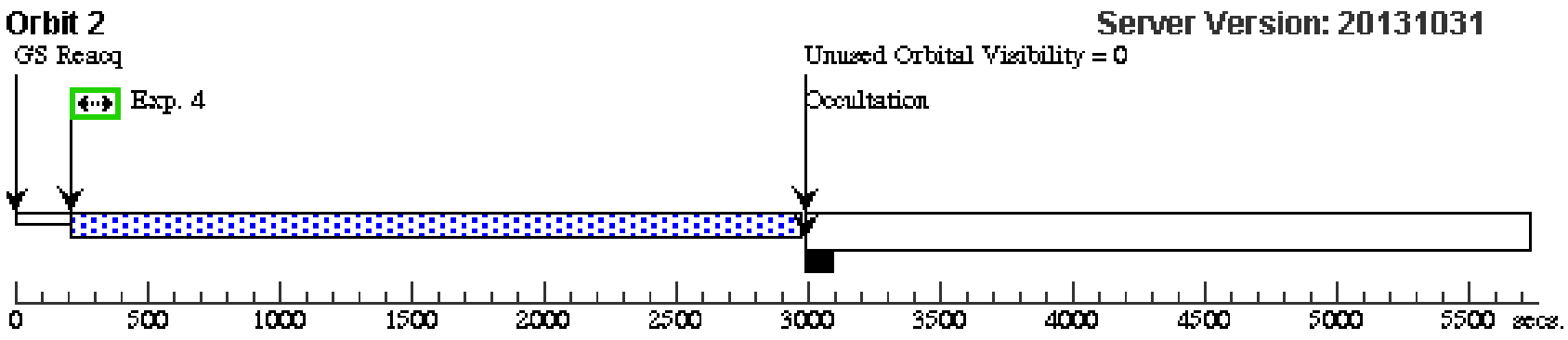
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.084 arcseconds away at a PA 318.4 degrees from V485-CEN.

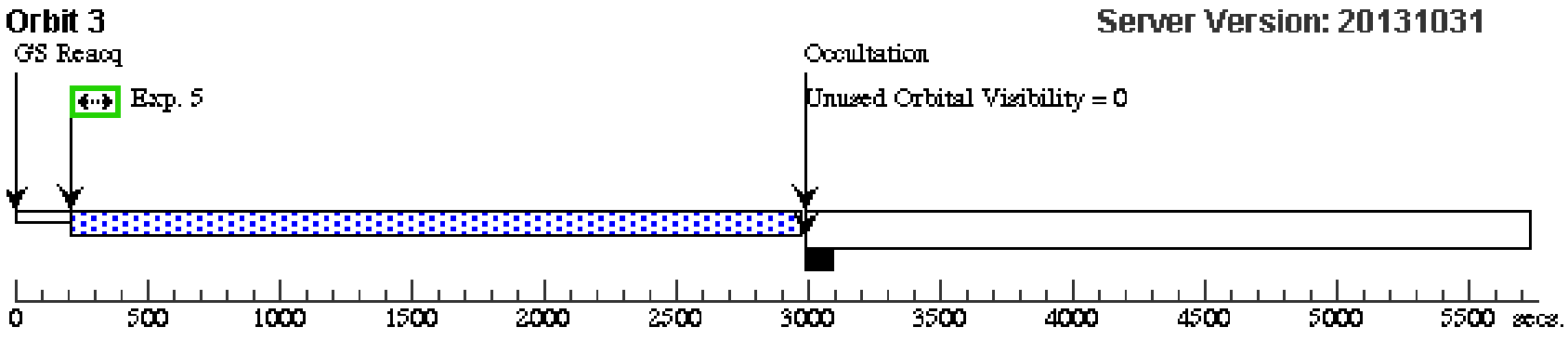
Exposures

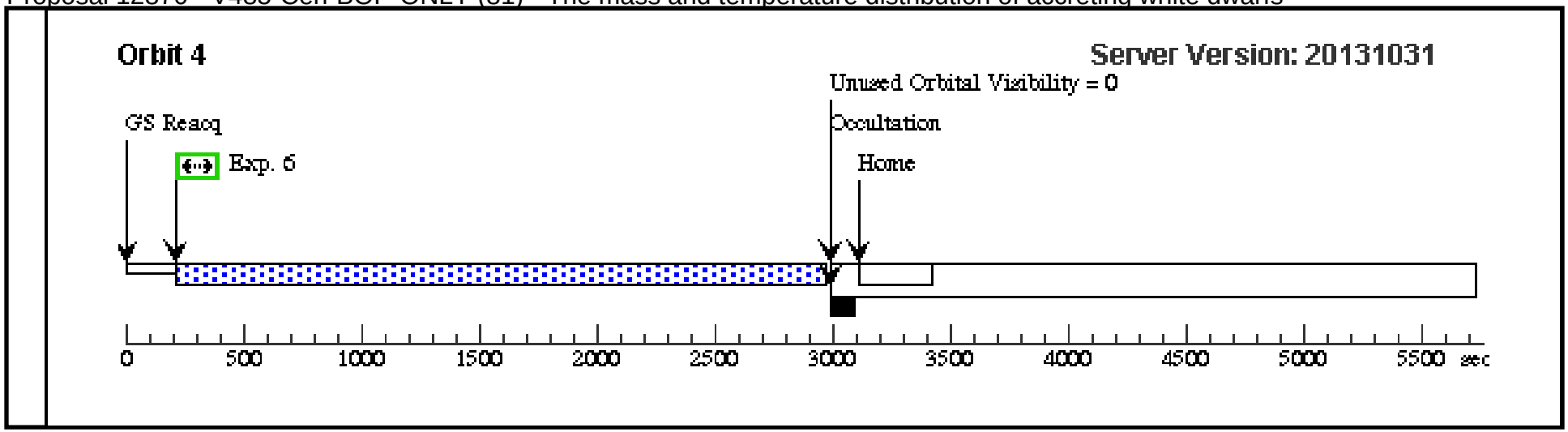
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	V485-Cen ACQ/PEAKXD (COS.sa.433079)	(76) TARGET33-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				80 Secs (80 Secs) *[==>]*	*[1]*
2	V485-Cen ACQ/PEAKD (COS.sa.433079)	(76) TARGET33-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			80 Secs (80 Secs) *[==>]*	*[1]*
3	V485-Cen FP-1 (COS.sp.415547)	(76) TARGET33-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2005; FP-POS=1; FLASH=YES			1740 Secs (1740 Secs) *[==>]*	*[1]*
4	V485-Cen FP-2 (COS.sp.415547)	(76) TARGET33-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2711; FP-POS=2; FLASH=YES			2711 Secs (2711 Secs) *[==>]*	*[2]*
5	V485-Cen FP-3 (COS.sp.415547)	(76) TARGET33-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2711; FP-POS=3; FLASH=YES			2711 Secs (2711 Secs) *[==>]*	*[3]*
6	V485-Cen FP-4 (COS.sp.415547)	(76) TARGET33-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2711; FP-POS=4; FLASH=YES			2711 Secs (2711 Secs) *[==>]*	*[4]*

Orbit Structure








Orbit 4
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 6
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS0137-0912 (06), completed Tue Mar 11 01:27:59 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 170D TO 60 D; BETWEEN 01-OCT-2012:00:00:00 AND 01-FEB-2013:00:00:00; BETWEEN 15-AUG-2013:00:00:00 AND 01-FEB-2014:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(SDSS0137-0912 (06)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

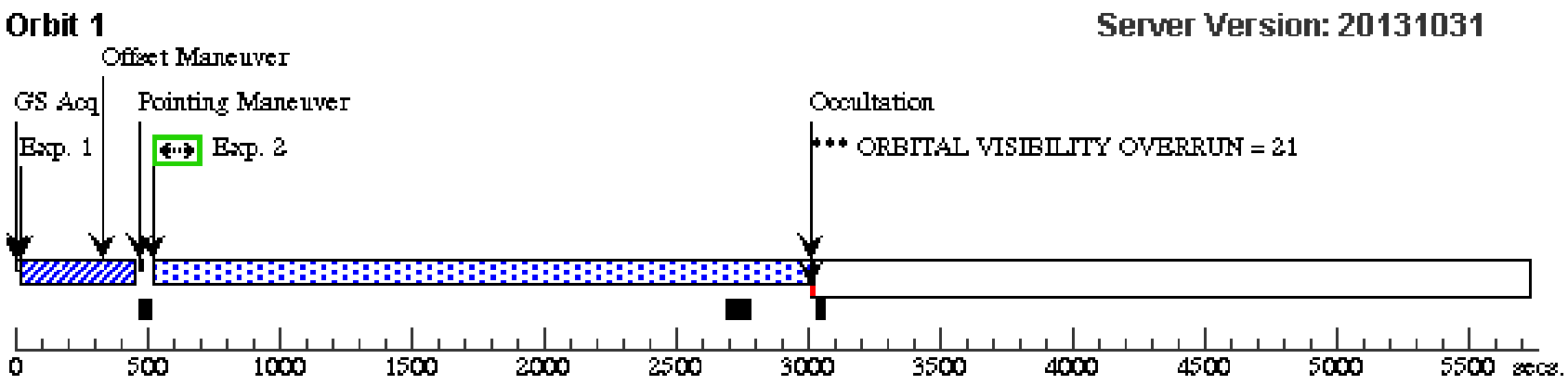
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	SDSS0137-0912	RA: 01 37 1.0600 (24.2544167d) Dec: -09 12 34.40 (-9.20956d) Equinox: J2000	Proper Motion RA: -30.8 mas/yr Proper Motion Dec: -49.4 mas/yr Epoch of Position: 2000.0	V=18.7+/-0.3	Reference Frame: ICRS

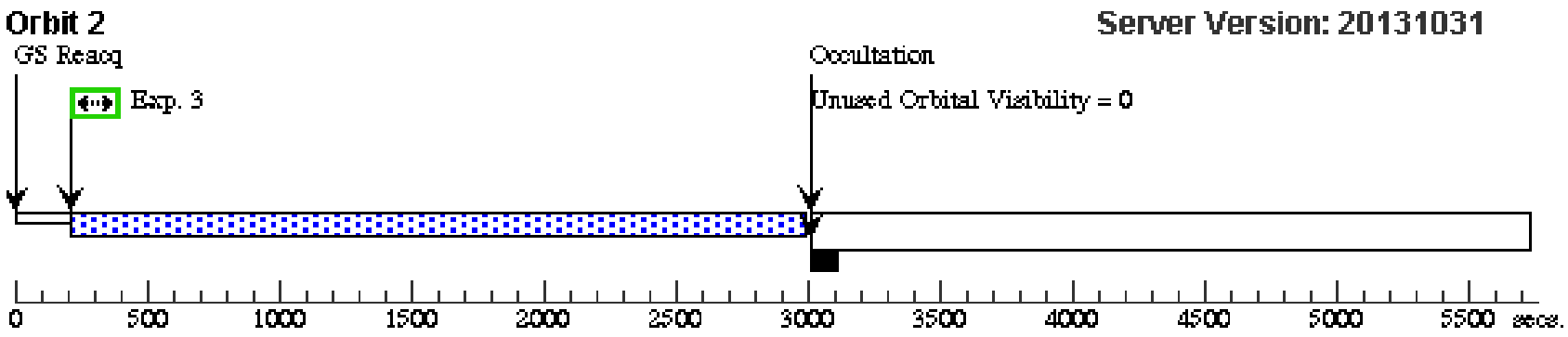
Comments: SWIFT observed SDSS0137-0912 on 2012/12/13 in the UVM2 filter for a total of 967s. We measure a flux of 5.18 +/- 0.17 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A. A previous observation on 2006/01/26 using the same filter and 1248s exposure time gave a similar flux, 4.60 +/- 0.2 10^-16 erg/s/cm^2/A.

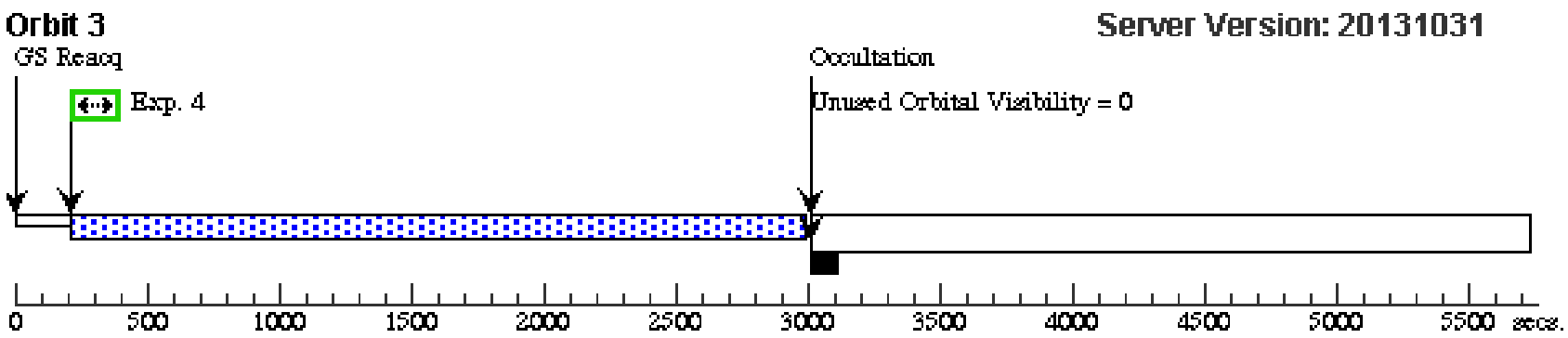
Exposures

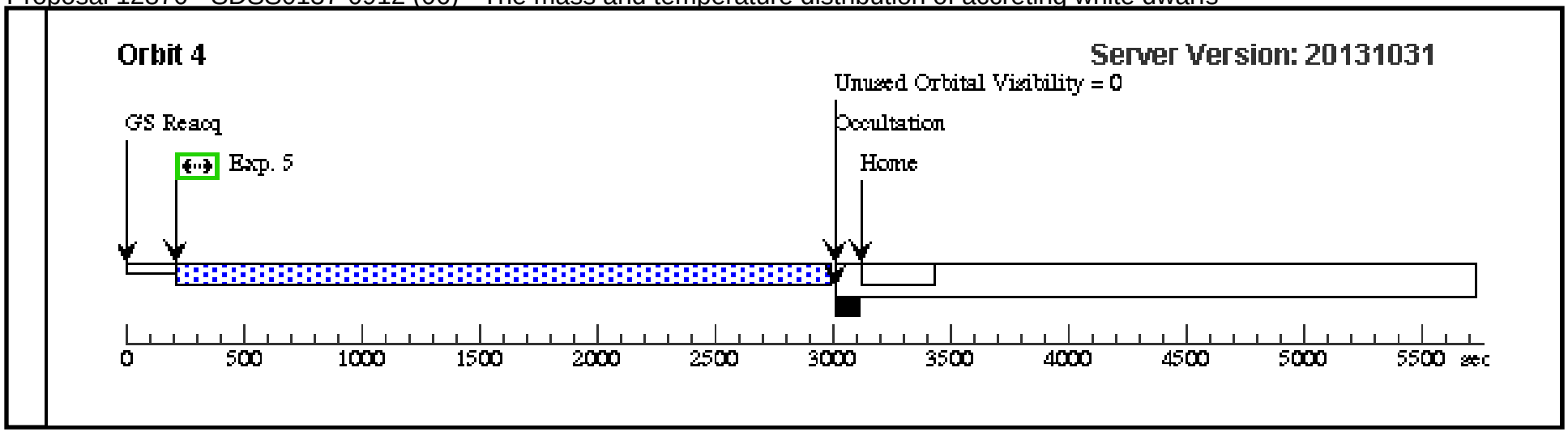
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS0137-0912 ACQ (COS.ta.454248)	(4) SDSS0137-0912	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		USE OFFSET V06SAF; GS ACQ SCENARIO BASE1B3		16 Secs (16 Secs) *[==>]*	*[1]*
2	SDSS0137-0912 FP-1 (COS.sp.415602)	(4) SDSS0137-0912	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2009; FP-POS=1; FLASH=YES	USE OFFSET V06SAF		2317 Secs (2317 Secs) *[==>]*	*[1]*
3	SDSS0137-0912 FP-2 (COS.sp.415602)	(4) SDSS0137-0912	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=2; FLASH=YES	USE OFFSET V06SAF		2729 Secs (2729 Secs) *[==>]*	*[2]*
4	SDSS0137-0912 FP-3 (COS.sp.415602)	(4) SDSS0137-0912	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=3; FLASH=YES	USE OFFSET V06SAF		2729 Secs (2729 Secs) *[==>]*	*[3]*
5	SDSS0137-0912 FP-4 (COS.sp.415602)	(4) SDSS0137-0912	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=4; FLASH=YES	USE OFFSET V06SAF		2729 Secs (2729 Secs) *[==>]*	*[4]*

Orbit Structure








Orbit 4
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
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sec

Visit

Proposal 12870, SDSS0137-0912-BOP-ONLY (B8), withdrawn Tue Mar 11 01:28:00 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 170D TO 60 D; BETWEEN 01-OCT-2012:00:00:00 AND 01-FEB-2013:00:00:00; BETWEEN 15-AUG-2013:00:00:00 AND 01-FEB-2014:00:00:00

Comments: This visit is for BOP checking the safe target only and should not execute onboard HST.

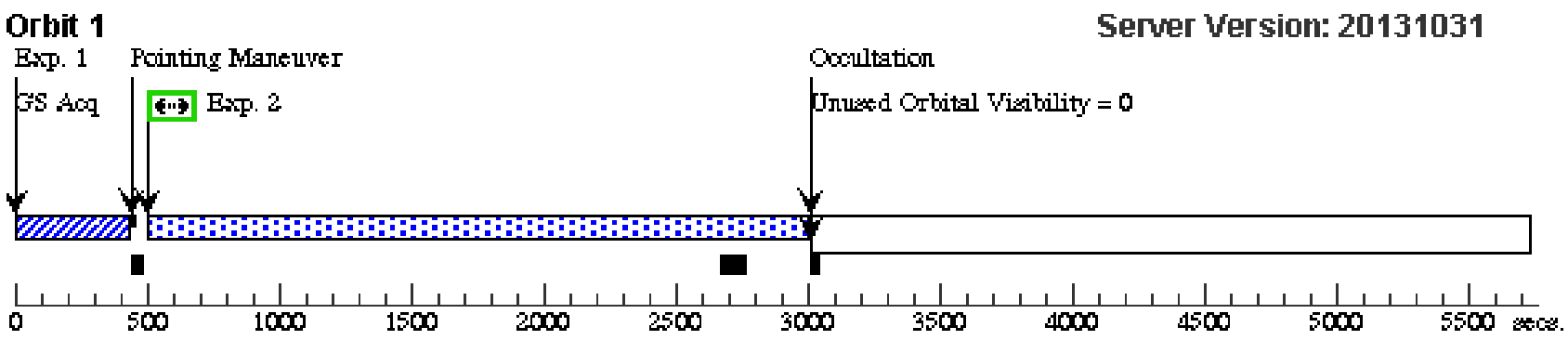
Fixed Targets

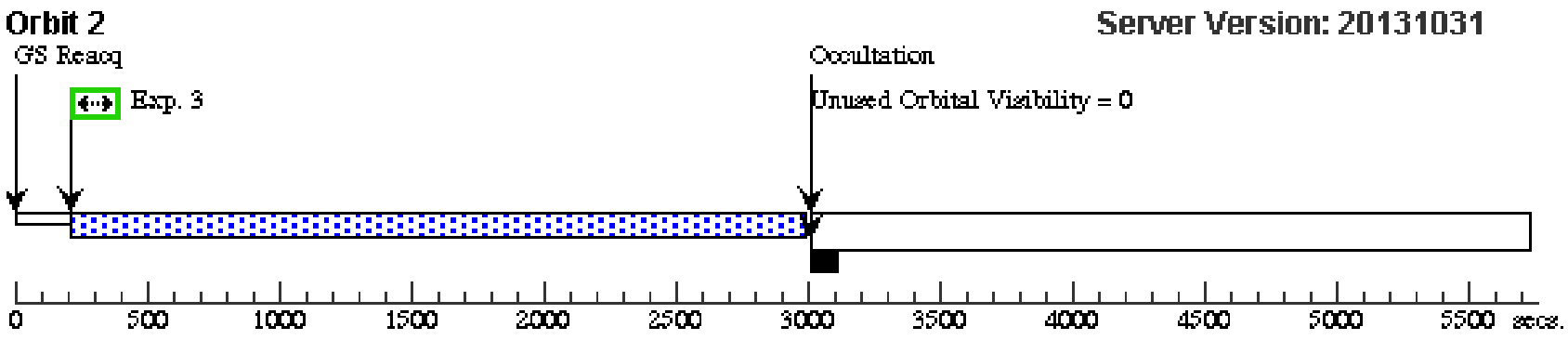
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	SDSS0137-0912	RA: 01 37 1.0600 (24.2544167d) Dec: -09 12 34.40 (-9.20956d) Equinox: J2000	Proper Motion RA: -30.8 mas/yr Proper Motion Dec: -49.4 mas/yr Epoch of Position: 2000.0	V=18.7+/-0.3	Reference Frame: ICRS
Comments: SWIFT observed SDSS0137-0912 on 2012/12/13 in the UVM2 filter for a total of 967s. We measure a flux of 5.18 +/- 0.17 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A. A previous observation on 2006/01/26 using the same filter and 1248s exposure time gave a similar flux, 4.60 +/- 0.2 10^-16 erg/s/cm^2/A.					
(59)	TARGET04-SAFE-TARGET	Offset from SDSS0137-0912 RA Offset: -0.19 Secs Dec Offset: 9.445 Arcsec		V=18.7+/-0.3	Offset Position (TARGET04-SAFE-TARGET)
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.878 arcseconds away at a PA 343.0 degrees from SDSS0137-0912.					

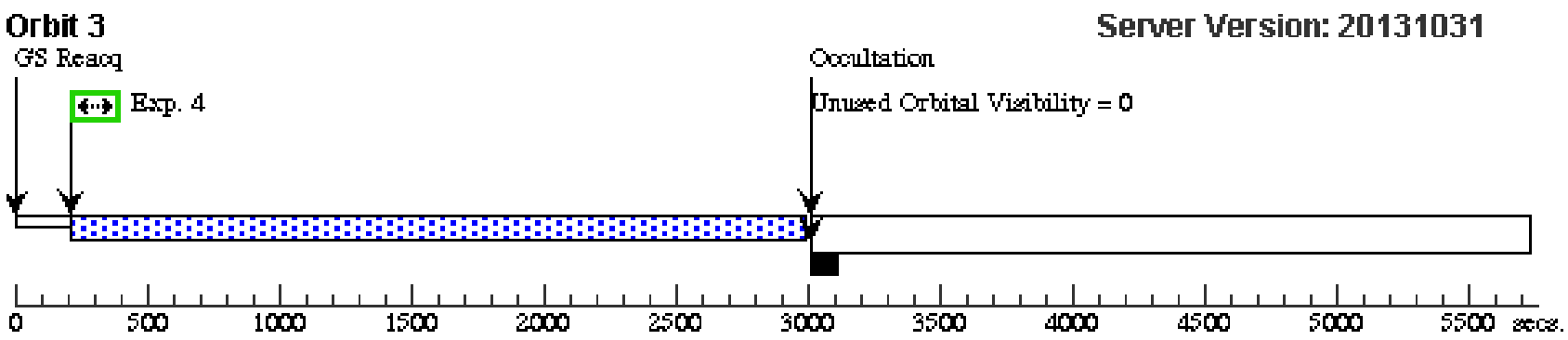
Exposures

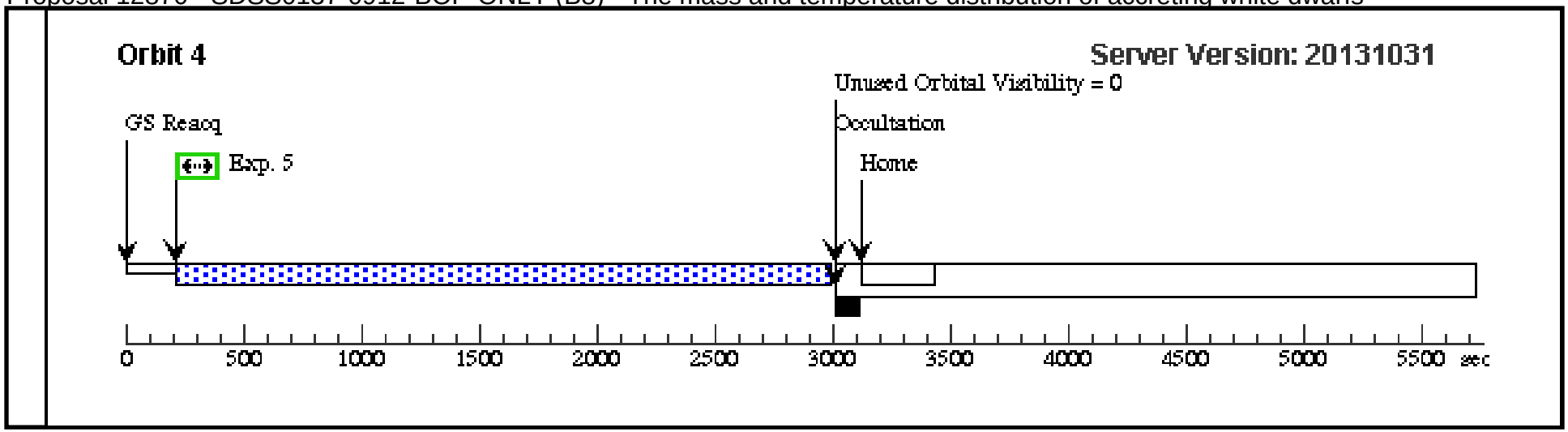
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS0137-0912 ACQ (COS.ta.454248)	(59) TARGET04-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		GS ACQ SCENARIO BASE1B3		16 Secs (16 Secs) *[==>]*	*[1]*
2	SDSS0137-0912 FP-1 (COS.sp.415602)	(59) TARGET04-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2009; FP-POS=1; FLASH=YES			2317 Secs (2317 Secs) *[==>]*	*[1]*
3	SDSS0137-0912 FP-2 (COS.sp.415602)	(59) TARGET04-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=2; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	*[2]*
4	SDSS0137-0912 FP-3 (COS.sp.415602)	(59) TARGET04-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=3; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	*[3]*
5	SDSS0137-0912 FP-4 (COS.sp.415602)	(59) TARGET04-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=4; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	*[4]*

Orbit Structure








Orbit 4
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Occultation
Home
0
500
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sec

Visit

Proposal 12870, GW-Lib (07), completed Tue Mar 11 01:28:01 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 20-JAN-2013:00:00:00 AND 10-SEP-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(GW-Lib (07)) Warning (Orbit Planner): VISIBILITY OVERRUN

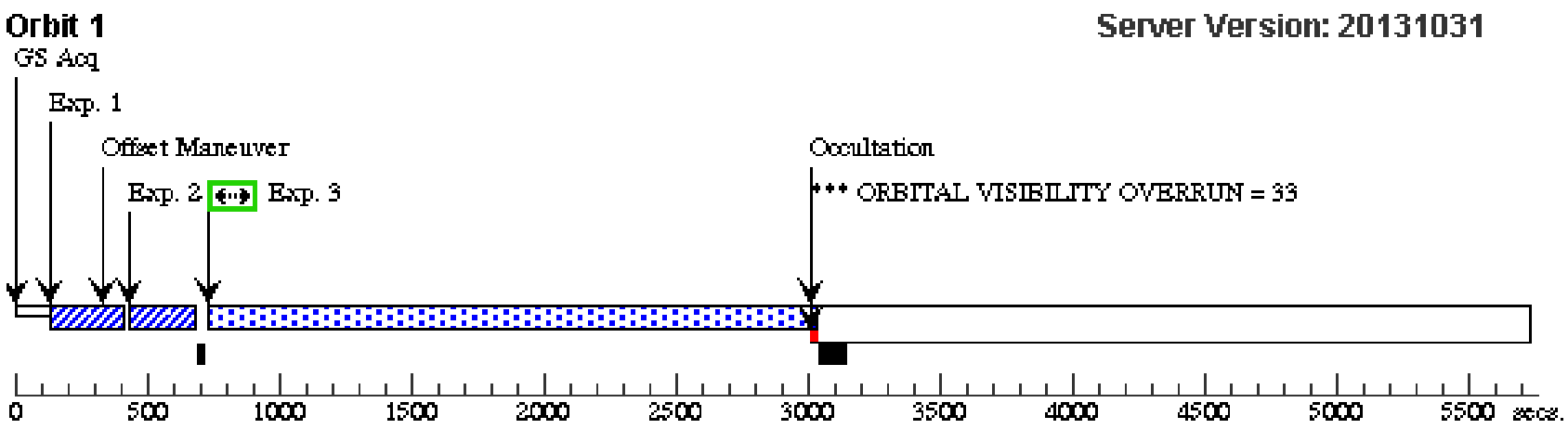
Fixed Targets

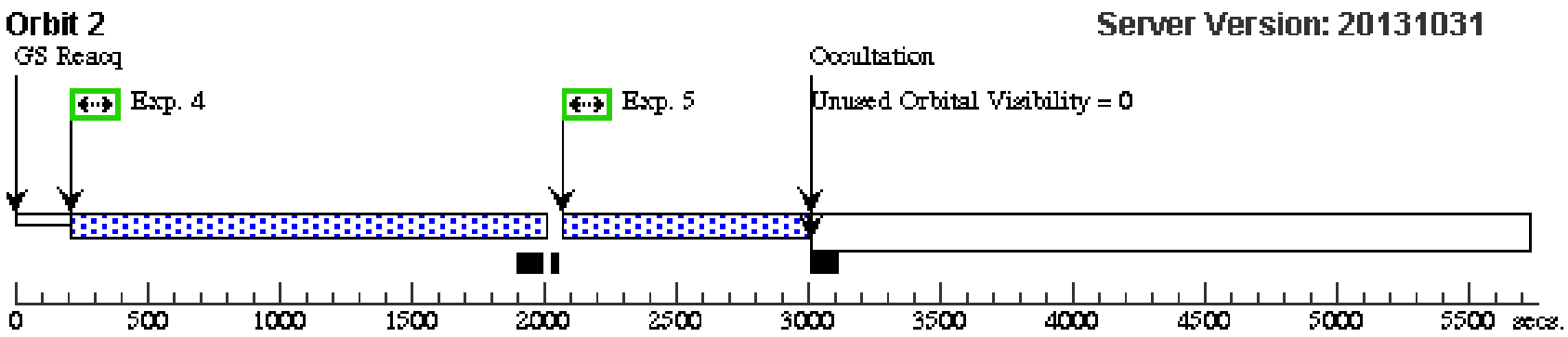
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(47)	GW-LIB	RA: 15 19 55.3400 (229.9805833d) Dec: -25 00 24.58 (-25.00683d) Equinox: J2000	Proper Motion RA: -63.7 mas/yr Proper Motion Dec: 16.5 mas/yr Epoch of Position: 2000.0	V=16.5+/-0.3	Reference Frame: ICRS

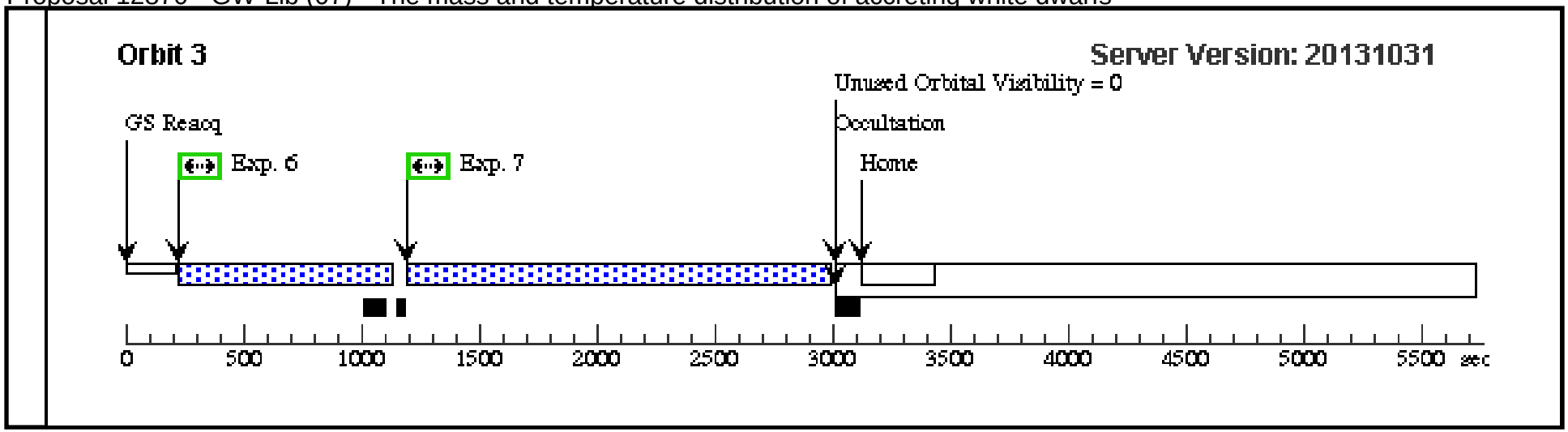
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	GW-Lib ACQ/PEAKXD (COS.sa.433085)	(47) GW-LIB	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V07SAF		20 Secs (20 Secs) *[==>]*	*[1]*
2	GW-Lib ACQ/PEAKD (COS.sa.433085)	(47) GW-LIB	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V07SAF		20 Secs (20 Secs) *[==>]*	*[1]*
3	GW-Lib FP-1 (COS.sp.415604)	(47) GW-LIB	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2182; FP-POS=1; FLASH=YES	USE OFFSET V07SAF		2182 Secs (2182 Secs) *[==>]*	*[1]*
4	GW-Lib FP-2 (COS.sp.415604)	(47) GW-LIB	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES	USE OFFSET V07SAF		1746 Secs (1746 Secs) *[==>]*	*[2]*
5	GW-Lib FP-3 (COS.sp.415604)	(47) GW-LIB	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=876; FP-POS=3; FLASH=YES	USE OFFSET V07SAF		876 Secs (876 Secs) *[==>]*	*[2]*
6	GW-Lib FP-3 (COS.sp.415604)	(47) GW-LIB	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V07SAF		864 Secs (864 Secs) *[==>]*	*[3]*
7	GW-Lib FP-4 (COS.sp.415604)	(47) GW-LIB	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1748; FP-POS=4; FLASH=YES	USE OFFSET V07SAF		1748 Secs (1748 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 6
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, GW-Lib-BOP-ONLY (B1), withdrawn Tue Mar 11 01:28:02 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 20-JAN-2013:00:00:00 AND 10-SEP-2013:00:00:00

Comments: This visit is for BOP checking the safe target only and should not execute onboard HST.

Fixed Targets

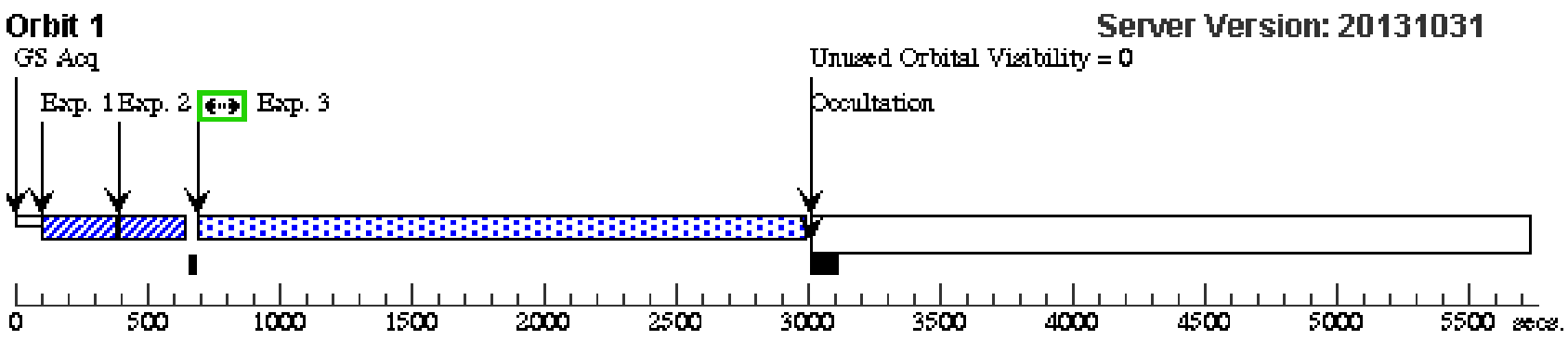
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(47)	GW-LIB	RA: 15 19 55.3400 (229.9805833d) Dec: -25 00 24.58 (-25.00683d) Equinox: J2000	Proper Motion RA: -63.7 mas/yr Proper Motion Dec: 16.5 mas/yr Epoch of Position: 2000.0	V=16.5+/-0.3	Reference Frame: ICRS
(87)	TARGET47-SAFE-TARGET	Offset from GW-LIB RA Offset: 0.58 Secs Dec Offset: -5.656 Arcsec		V=16.5+/-0.3	Offset Position (TARGET47-SAFE-TARGET)

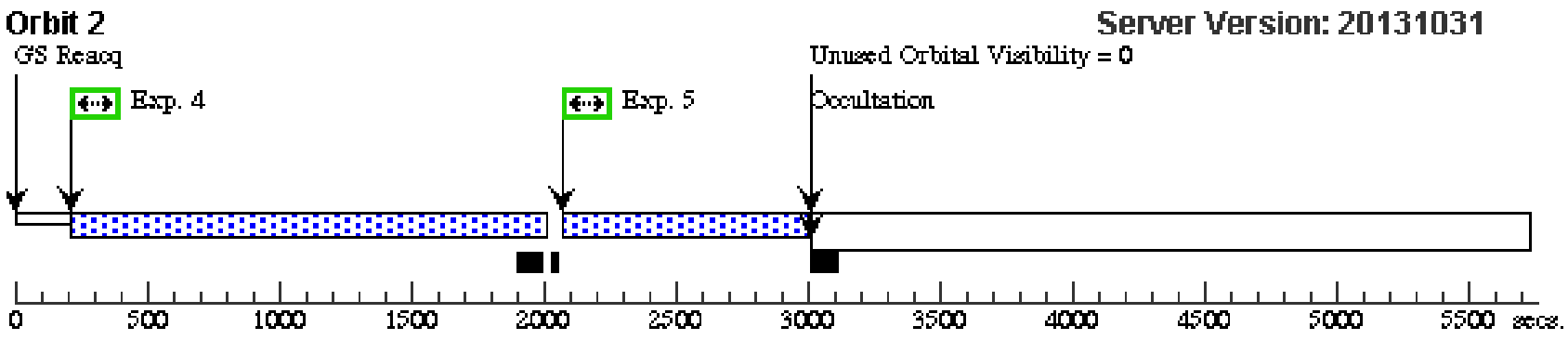
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.81 arcseconds away at a PA 125.2 degrees from GW-LIB.

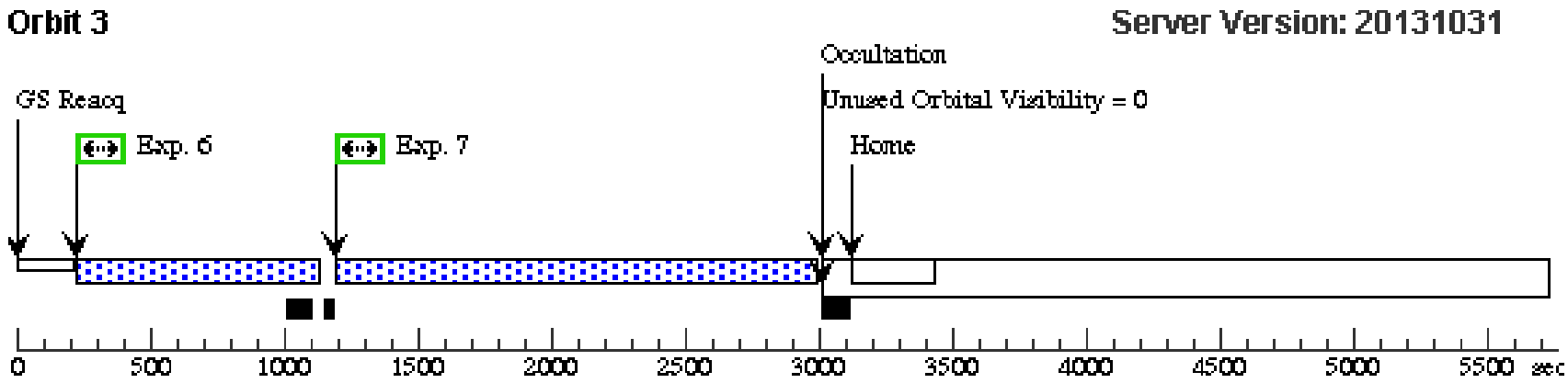
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	GW-Lib ACQ/PEAKXD (COS.sa.433085)	(87) TARGET47-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				20 Secs (20 Secs) *[==>]*	***[1]***
2	GW-Lib ACQ/PEAKD (COS.sa.433085)	(87) TARGET47-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			20 Secs (20 Secs) *[==>]*	***[1]***
3	GW-Lib FP-1 (COS.sp.415604)	(87) TARGET47-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2182; FP-POS=1; FLASH=YES			2182 Secs (2182 Secs) *[==>]*	***[1]***
4	GW-Lib FP-2 (COS.sp.415604)	(87) TARGET47-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES			1746 Secs (1746 Secs) *[==>]*	***[2]***
5	GW-Lib FP-3 (COS.sp.415604)	(87) TARGET47-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=876; FP-POS=3; FLASH=YES			876 Secs (876 Secs) *[==>]*	***[2]***
6	GW-Lib FP-3 (COS.sp.415604)	(87) TARGET47-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	***[3]***
7	GW-Lib FP-4 (COS.sp.415604)	(87) TARGET47-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1748; FP-POS=4; FLASH=YES			1748 Secs (1748 Secs) *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12870, HS0728+6738 (08), withdrawn Tue Mar 11 01:28:03 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; Period 0.133619437 D AND ZERO-PHASE HJD2452001.32739; ON HOLD

Comments: Note from PC: This system requires multiple obsets.

This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

Ephemeris from Boyd (2012)

On Hold Comments: This is one of the VY Scl type targets, where the white dwarf is visible onyl during a low state - we need to wait for a low state to happen (only two out of the seven VY Scl targets will be activated).

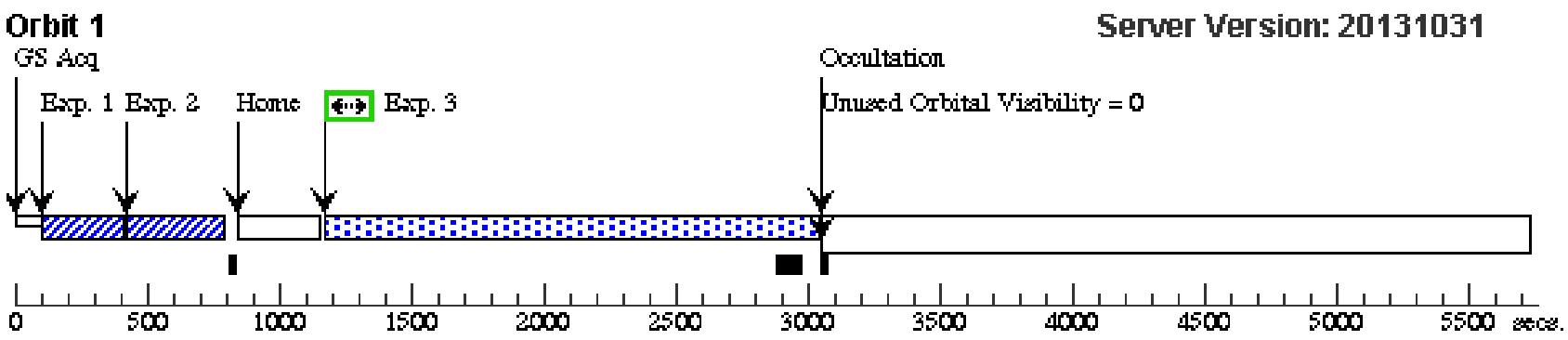
Fixed Targets

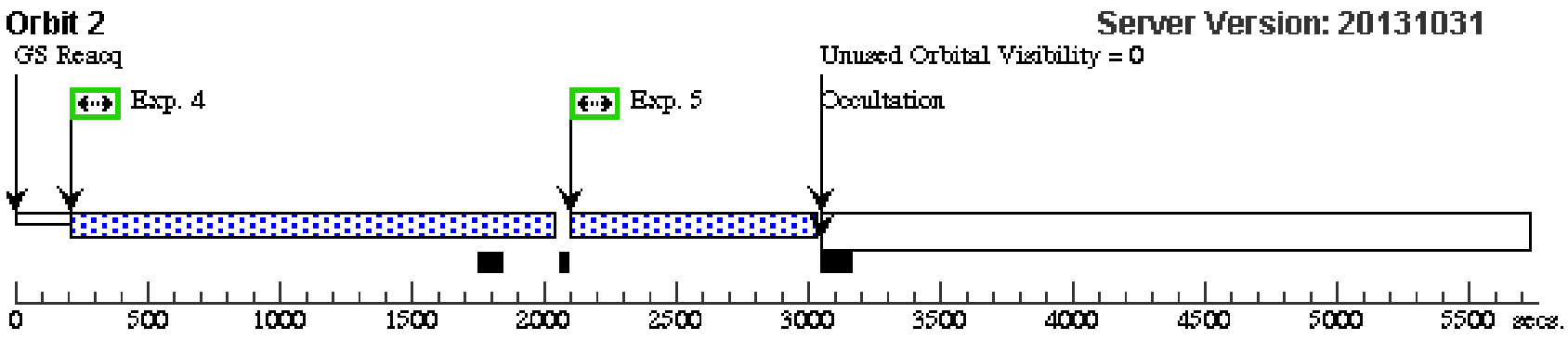
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	HS0728+6738	RA: 07 33 41.4100 (113.4225417d) Dec: +67 32 15.60 (67.53767d) Equinox: J2000	Proper Motion RA: 11.8 mas/yr Proper Motion Dec: -7.3 mas/yr Epoch of Position: 2000.0	V=18.7+/-0.3 GALEX FUV=90microJy GALEX NUV=690microJy	Reference Frame: ICRS

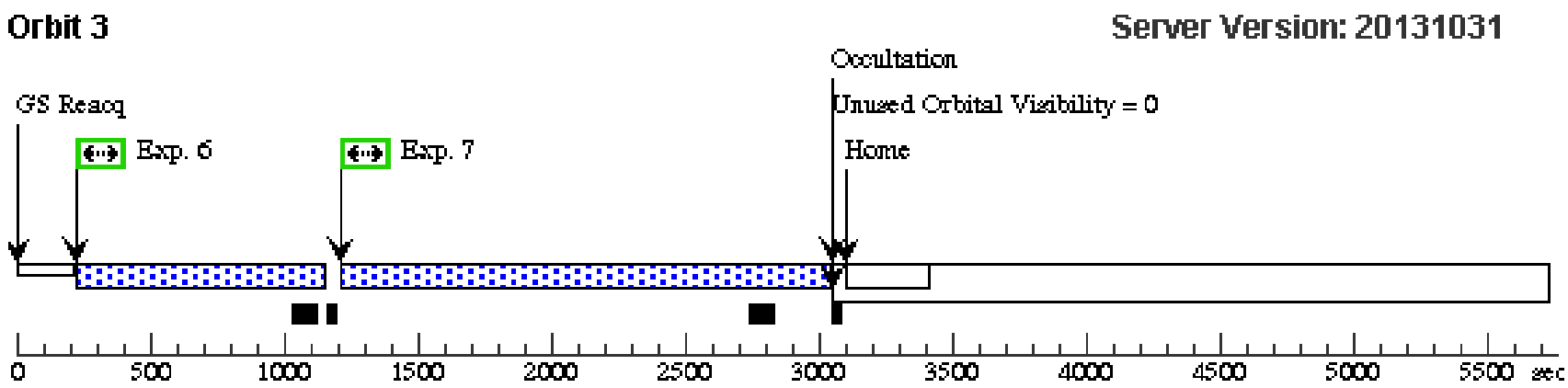
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	HS0728+6738 ACQ/PEAKXD (COS.sa.436981)	(16) HS0728+6738	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		PHASE 0.15 TO 0.80		45 Secs (45 Secs) *[==>]*	*[1]*
2	HS0728+6738 ACQ/PEAKD (COS.sa.436981)	(16) HS0728+6738	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			45 Secs (45 Secs) *[==>]*	*[1]*
3	HS0728+6738 FP-1 (COS.ta.416318)	(16) HS0728+6738	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=1; FLASH=YES	NEW OBSET		1639 Secs (1639 Secs) *[==>]*	*[1]*
4	HS0728+6738 FP-2 (COS.sp.416326)	(16) HS0728+6738	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=2; FLASH=YES			1774 Secs (1774 Secs) *[==>]*	*[2]*
5	HS0728+6738 FP-3 (COS.sp.416326)	(16) HS0728+6738	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES			882 Secs (882 Secs) *[==>]*	*[2]*
6	HS0728+6738 FP-3 (COS.sp.416326)	(16) HS0728+6738	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=780; FP-POS=3; FLASH=YES			878 Secs (878 Secs) *[==>]*	*[3]*
7	HS0728+6738 FP-4 (COS.sp.416326)	(16) HS0728+6738	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=4; FLASH=YES			1778 Secs (1778 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, 1RXS-J105010.3-140431 (09), completed Tue Mar 11 01:28:04 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 0D TO 240 D; BETWEEN 25-NOV-2012:00:00:00 AND 05-OCT-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(1RXS-J105010.3-140431 (09)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

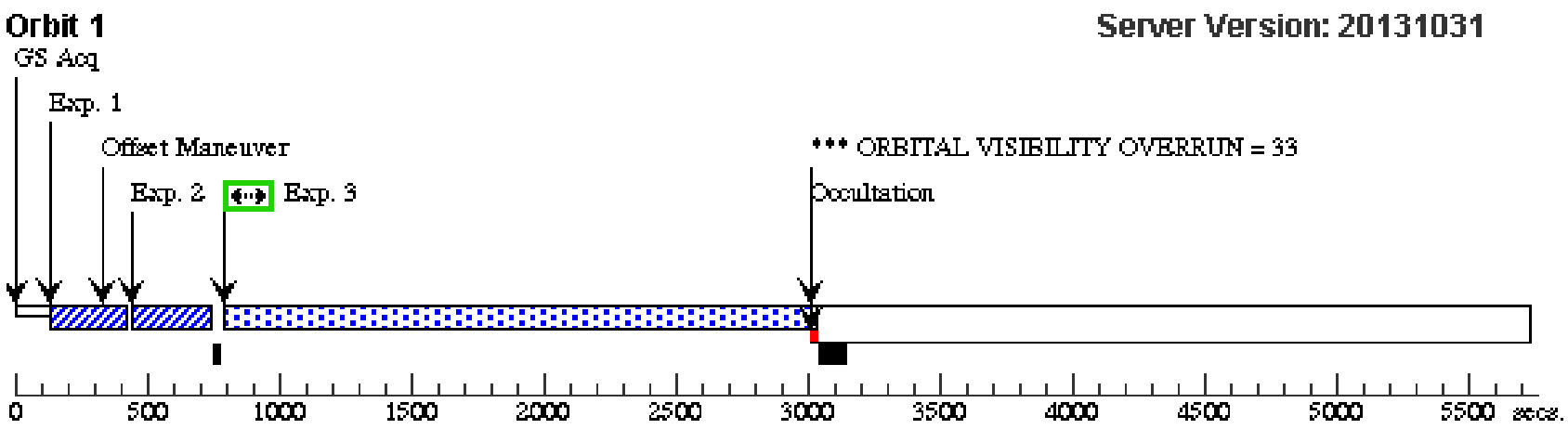
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(48)	1RXS-J105010.3-140431	RA: 10 50 10.8030 (162.5450125d)	Proper Motion RA: -192.1 mas/yr	V=17.0+/-0.3	Reference Frame: ICRS
		Dec: -14 04 36.64 (-14.07684d)	Proper Motion Dec: -9.4 mas/yr		
		Equinox: J2000	Epoch of Position: 2000.0		

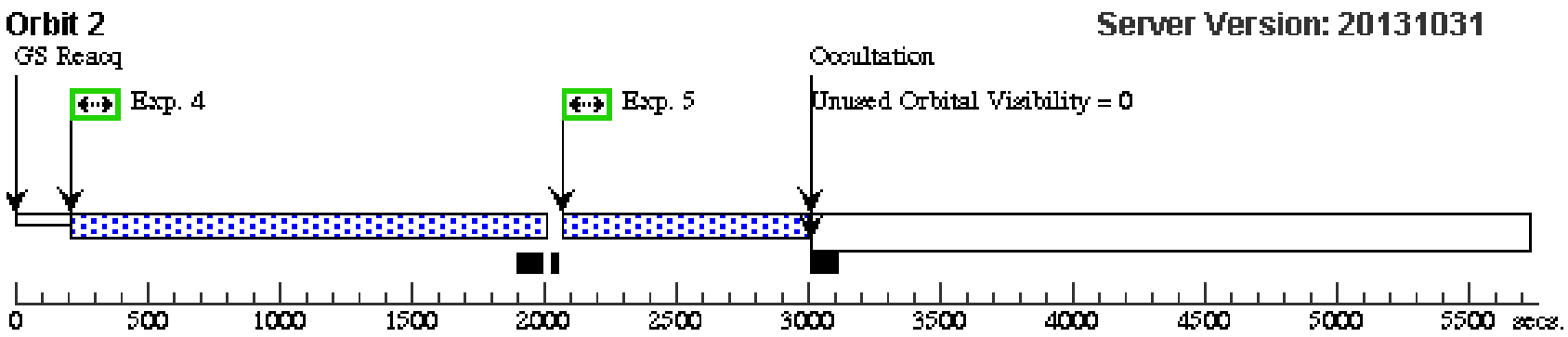
Comments: SWIFT observed 1RXS-J105010.3-140431 on 2012/12/13 in the UVM2 filter for 1224s, and we measure a flux of 1.58 +/- 0.05 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A

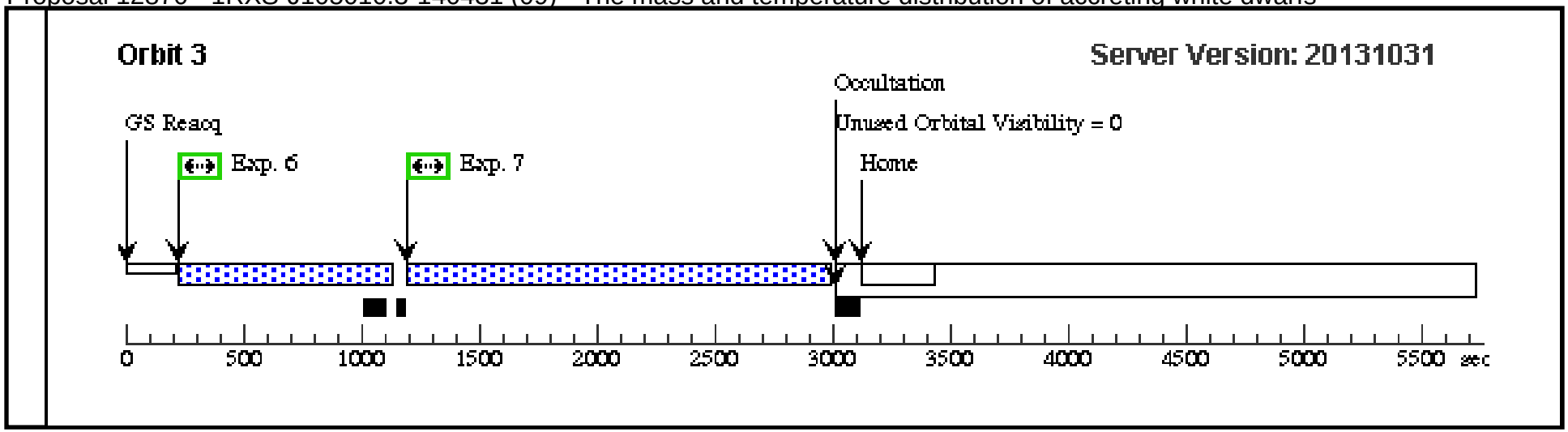
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1RXS-J105010.3-140431 ACQ/PEAKXD (COS.sa.454135)	(48) 1RXS-J105010.3-140431	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V09SAF; GS ACQ SCENARIO BASE1B3		30 Secs (30 Secs) *[==>]*	*[1]*
2	1RXS-J105010.3-140431 ACQ/PEAKD (COS.sa.454135)	(48) 1RXS-J105010.3-140431	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V09SAF		30 Secs (30 Secs) *[==>]*	*[1]*
3	1RXS-J105010.3-140431 FP-1 (COS.sp.415620)	(48) 1RXS-J105010.3-140431	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2124; FP-POS=1; FLASH=YES	USE OFFSET V09SAF		2124 Secs (2124 Secs) *[==>]*	*[1]*
4	1RXS-J105010.3-140431 FP-2 (COS.sp.415620)	(48) 1RXS-J105010.3-140431	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES	USE OFFSET V09SAF		1746 Secs (1746 Secs) *[==>]*	*[2]*
5	1RXS-J105010.3-140431 FP-3 (COS.sp.415620)	(48) 1RXS-J105010.3-140431	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES	USE OFFSET V09SAF		878 Secs (878 Secs) *[==>]*	*[2]*
6	1RXS-J105010.3-140431 FP-3 (COS.sp.415620)	(48) 1RXS-J105010.3-140431	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V09SAF		864 Secs (864 Secs) *[==>]*	*[3]*
7	1RXS-J105010.3-140431 FP-4 (COS.sp.415620)	(48) 1RXS-J105010.3-140431	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES	USE OFFSET V09SAF		1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 6
Exp. 7
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, 1RXS-J105010.3-140431-BOP-ONLY (95), withdrawn Tue Mar 11 01:28:05 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 0D TO 240 D; BETWEEN 25-NOV-2012:00:00:00 AND 05-OCT-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

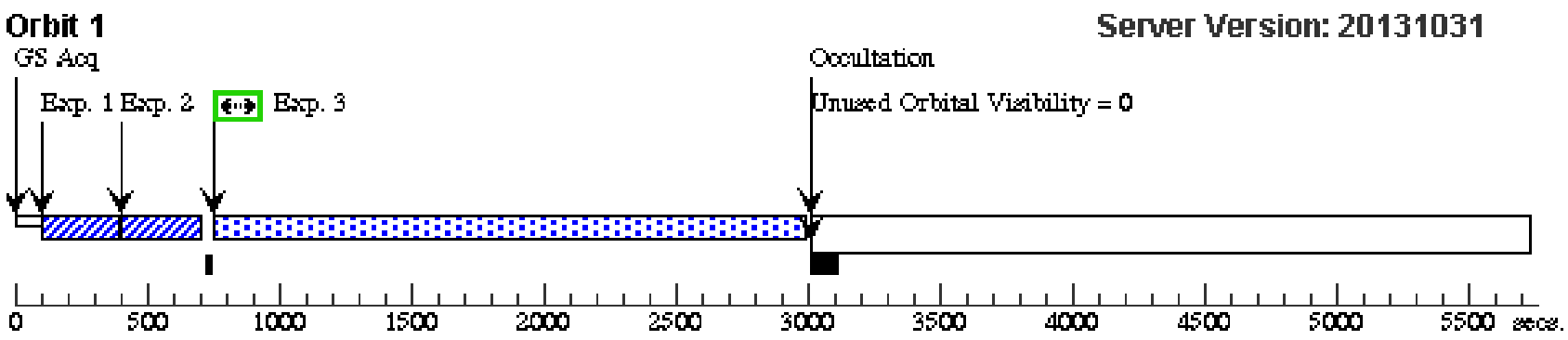
Fixed Targets

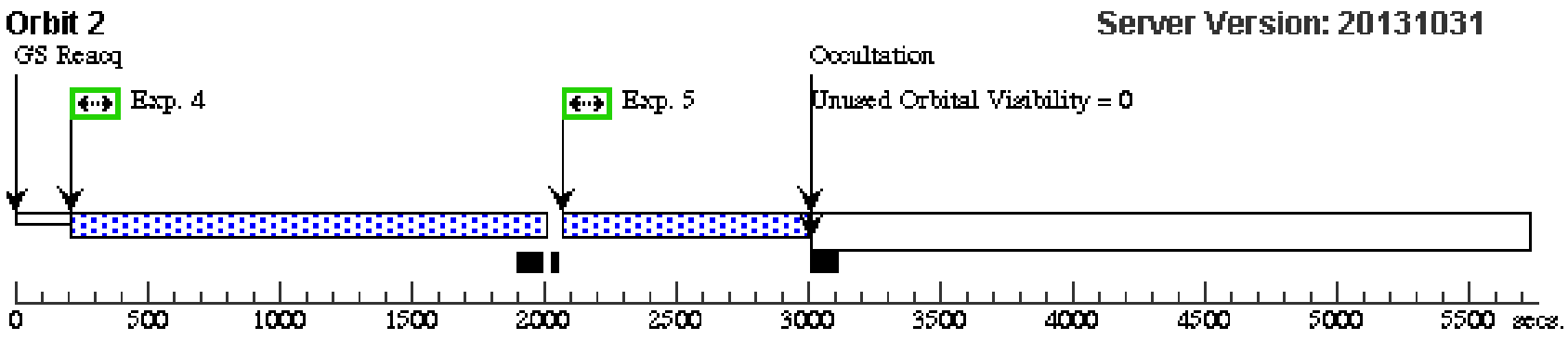
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(48)	1RXS-J105010.3-140431	RA: 10 50 10.8030 (162.5450125d) Dec: -14 04 36.64 (-14.07684d) Equinox: J2000	Proper Motion RA: -192.1 mas/yr Proper Motion Dec: -9.4 mas/yr Epoch of Position: 2000.0	V=17.0+/-0.3	Reference Frame: ICRS
Comments: SWIFT observed 1RXS-J105010.3-140431 on 2012/12/13 in the UVM2 filter for 1224s, and we measure a flux of 1.58 +/- 0.05 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A					
(84)	TARGET48-SAFE-TARGET	Offset from 1RXS-J105010.3-140431 RA Offset: 0.37 Secs Dec Offset: -8.136 Arcsec		V=17.0+/-0.3	Offset Position (TARGET48-SAFE-TARGET)
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.819 arcseconds away at a PA 146.0 degrees from 1RXS-J105010.3-140431.					

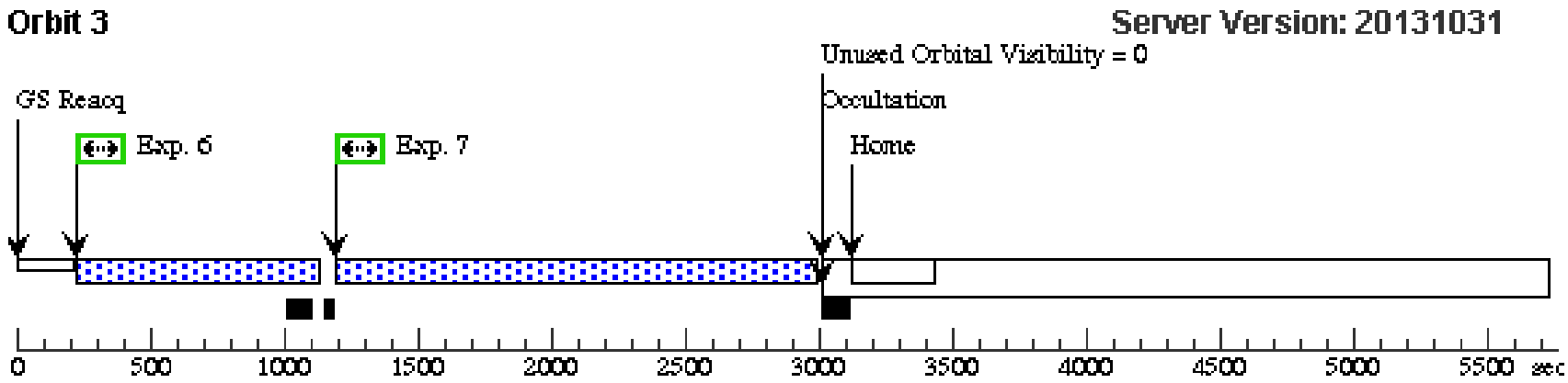
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1RXS-J105010.3-140431 ACQ/PEAKXD (COS.sa.45413 5)	(84) TARGET48-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		GS ACQ SCENARIO BASE1B3		30 Secs (30 Secs) *[==>]*	*[1]*
2	1RXS-J105010.3-140431 ACQ/PEAKD (COS.sa.45413 5)	(84) TARGET48-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			30 Secs (30 Secs) *[==>]*	*[1]*
3	1RXS-J105010.3-140431 FP-1 (COS.sp.41562 0)	(84) TARGET48-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2124; FP-POS=1; FLASH=YES			2124 Secs (2124 Secs) *[==>]*	*[1]*
4	1RXS-J105010.3-140431 FP-2 (COS.sp.41562 0)	(84) TARGET48-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES			1746 Secs (1746 Secs) *[==>]*	*[2]*
5	1RXS-J105010.3-140431 FP-3 (COS.sp.41562 0)	(84) TARGET48-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES			878 Secs (878 Secs) *[==>]*	*[2]*
6	1RXS-J105010.3-140431 FP-3 (COS.sp.41562 0)	(84) TARGET48-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	1RXS-J105010.3-140431 FP-4 (COS.sp.41562 0)	(84) TARGET48-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, SDSS1238-0339 (10), completed Tue Mar 11 01:28:06 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 240D TO 130 D; BETWEEN 15-DEC-2012:00:00:00 AND 20-JUN-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(SDSS1238-0339 (10)) Warning (Orbit Planner): VISIBILITY OVERRUN

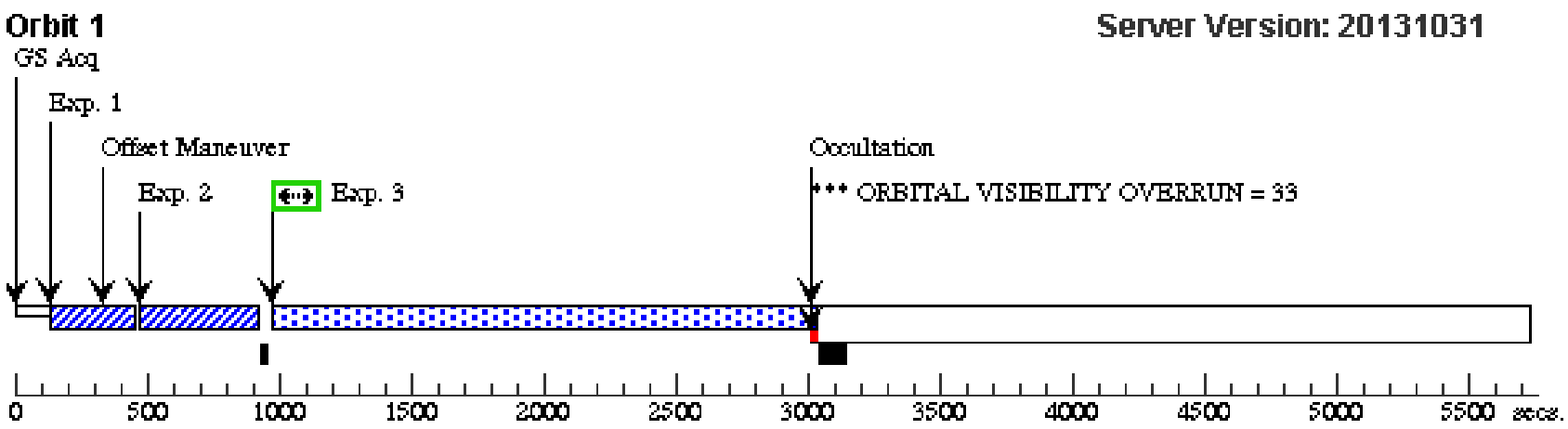
Fixed Targets

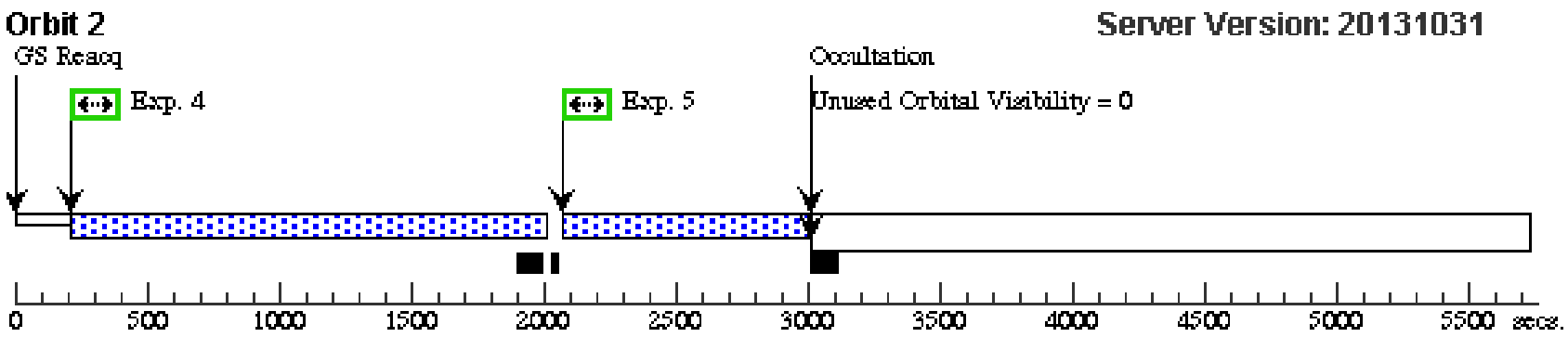
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(31)	SDSS1238-0339	RA: 12 38 13.7300 (189.5572083d) Dec: -03 39 32.80 (-3.65911d) Equinox: J2000	Proper Motion RA: -146.6 mas/yr Proper Motion Dec: -40.4 mas/yr Epoch of Position: 2000.0	V=17.8+/-0.3 GALEX FUV=200microJy GALEX NUV=200microJy	Reference Frame: ICRS

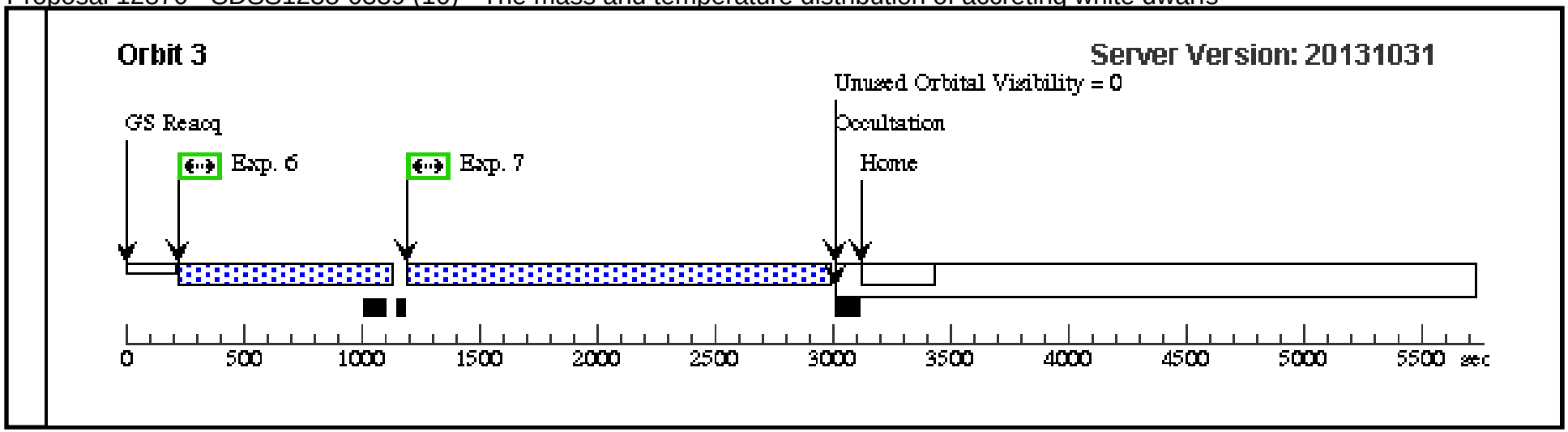
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1238-0339 ACQ/PEAKXD (COS.sa.433087)	(31) SDSS1238-0339	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V10SAF; GS ACQ SCENARIO BASE1B3		60 Secs (60 Secs) *[==>]*	*[1]*
2	SDSS1238-0339 ACQ/PEAKD (COS.sa.433087)	(31) SDSS1238-0339	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V10SAF		60 Secs (60 Secs) *[==>]*	*[1]*
3	SDSS1238-0339 FP-1 (COS.sp.415637)	(31) SDSS1238-0339	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1944; FP-POS=1; FLASH=YES	USE OFFSET V10SAF		1944 Secs (1944 Secs) *[==>]*	*[1]*
4	SDSS1238-0339 FP-2 (COS.sp.415637)	(31) SDSS1238-0339	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES	USE OFFSET V10SAF		1746 Secs (1746 Secs) *[==>]*	*[2]*
5	SDSS1238-0339 FP-3 (COS.sp.415637)	(31) SDSS1238-0339	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES	USE OFFSET V10SAF		878 Secs (878 Secs) *[==>]*	*[2]*
6	SDSS1238-0339 FP-3 (COS.sp.415637)	(31) SDSS1238-0339	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V10SAF		864 Secs (864 Secs) *[==>]*	*[3]*
7	SDSS1238-0339 FP-4 (COS.sp.415637)	(31) SDSS1238-0339	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES	USE OFFSET V10SAF		1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 6
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS1238-0339-BOP-ONLY (55), withdrawn Tue Mar 11 01:28:07 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 240D TO 130 D; BETWEEN 15-DEC-2012:00:00:00 AND 20-JUN-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

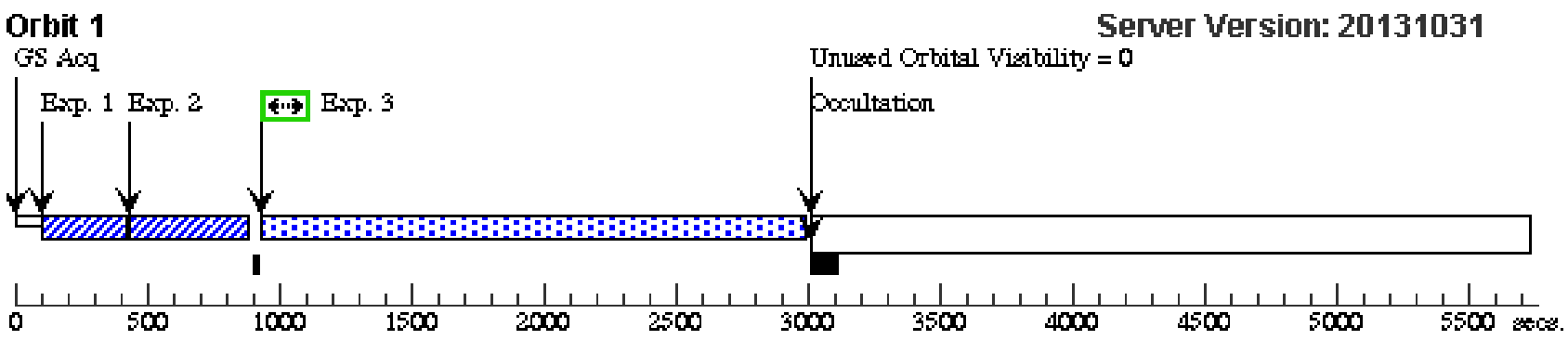
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(31)	SDSS1238-0339	RA: 12 38 13.7300 (189.5572083d) Dec: -03 39 32.80 (-3.65911d) Equinox: J2000	Proper Motion RA: -146.6 mas/yr Proper Motion Dec: -40.4 mas/yr Epoch of Position: 2000.0	V=17.8+/-0.3 GALEX FUV=200microJy GALEX NUV=200microJy	Reference Frame: ICRS
(73)	TARGET31-SAFE-TARGET	Offset from SDSS1238-0339 RA Offset: 0.48 Secs Dec Offset: 5.409 Arcsec		V=17.8+/-0.3	Offset Position (TARGET31-SAFE-TARGET)

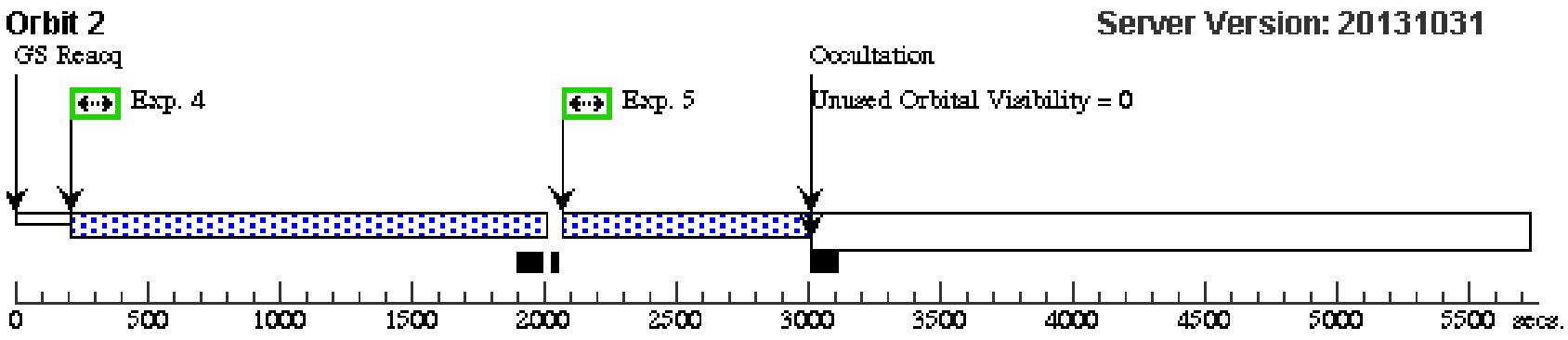
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.001 arcseconds away at a PA 53.1 degrees from SDSS1238-0339.

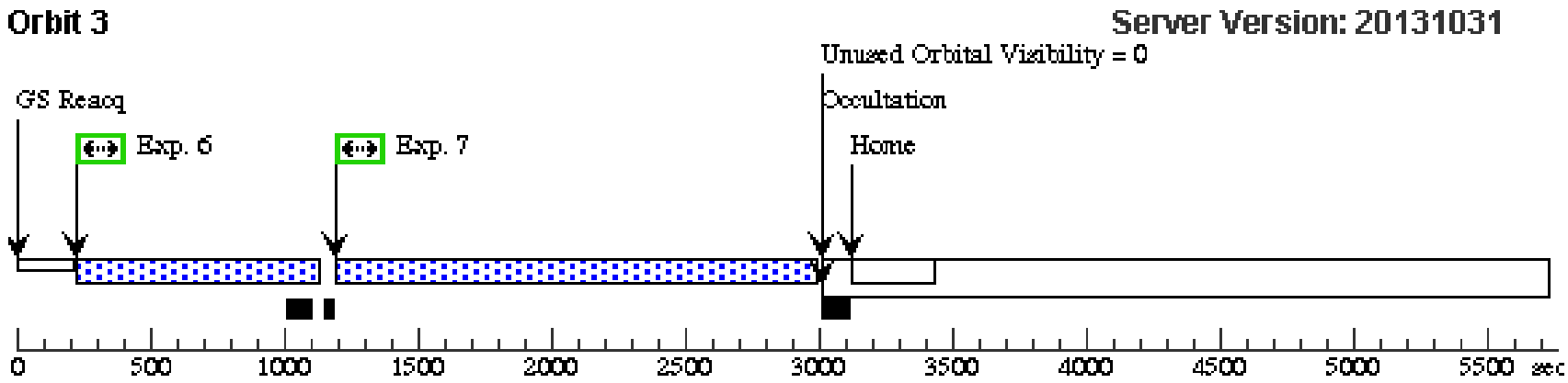
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1238-0339 ACQ/PEAKXD (COS.sa.433087)	(73) TARGET31-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		GS ACQ SCENARIO BASE1B3		60 Secs (60 Secs) *[==>]*	*[1]*
2	SDSS1238-0339 ACQ/PEAKD (COS.sa.433087)	(73) TARGET31-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			60 Secs (60 Secs) *[==>]*	*[1]*
3	SDSS1238-0339 FP-1 (COS.sp.415637)	(73) TARGET31-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1944; FP-POS=1; FLASH=YES			1944 Secs (1944 Secs) *[==>]*	*[1]*
4	SDSS1238-0339 FP-2 (COS.sp.415637)	(73) TARGET31-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES			1746 Secs (1746 Secs) *[==>]*	*[2]*
5	SDSS1238-0339 FP-3 (COS.sp.415637)	(73) TARGET31-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES			878 Secs (878 Secs) *[==>]*	*[2]*
6	SDSS1238-0339 FP-3 (COS.sp.415637)	(73) TARGET31-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	SDSS1238-0339 FP-4 (COS.sp.415637)	(73) TARGET31-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, V1108-Her (11), completed Tue Mar 11 01:28:08 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 15-FEB-2013:00:00:00 AND 15-NOV-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(V1108-Her (11)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(49)	V1108-HER	RA: 18 39 26.1500 (279.8589583d)	Proper Motion RA: 0 mas/yr	V=17.7+/-0.3	Reference Frame: ICRS
		Dec: +26 04 10.00 (26.06944d)	Proper Motion Dec: 0 mas/yr		
		Equinox: J2000	Epoch of Position: 2013		

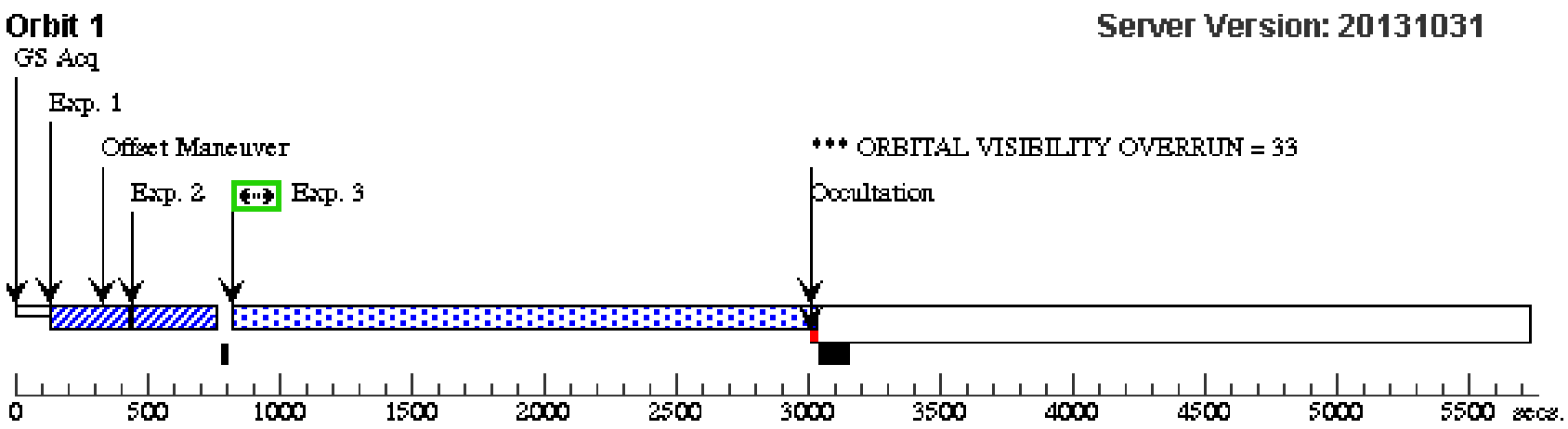
Comments: SWIFT observed V1108 Her on 2012/12/13 in the UVM2 filter for a total of 1019s. We measure a flux of 1.73 +/- 0.05 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A.

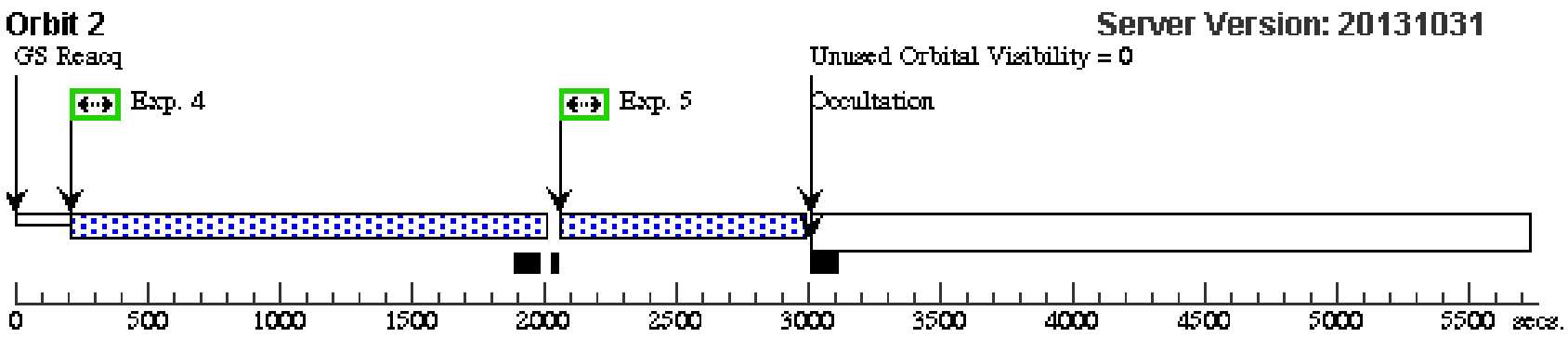
UPDATE: we measured the current-epoch coordinates from images obtained with the Liverpool telescope using a u-band filter that elminates the contamination from a nearby red visual companion.

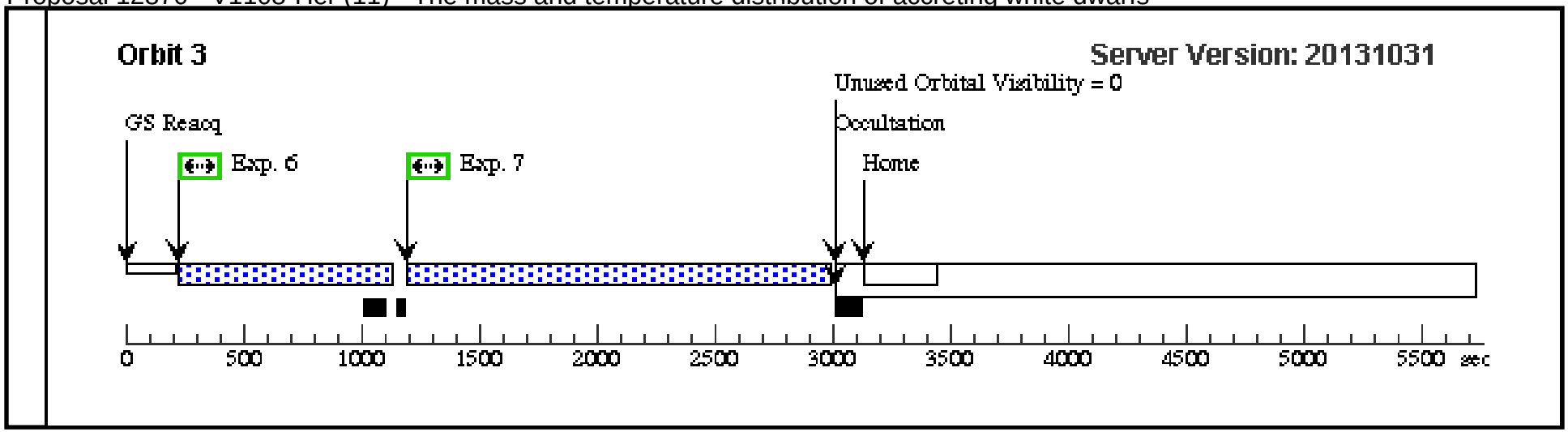
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	V1108-Her ACQ/PEAKXD (COS.sa.454158)	(49) V1108-HER	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V11S AF		35 Secs (35 Secs) *[==>]*	*[1]*
2	V1108-Her ACQ/PEAKD (COS.sa.454158)	(49) V1108-HER	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V11S AF		35 Secs (35 Secs) *[==>]*	*[1]*
3	V1108-Her FP-1 (COS.sp.415640)	(49) V1108-HER	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2023; FP-POS=1; FLASH=YES	USE OFFSET V11S AF		2092 Secs (2092 Secs) *[==>]*	*[1]*
4	V1108-Her FP-2 (COS.sp.415640)	(49) V1108-HER	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1644; FP-POS=2; FLASH=YES	USE OFFSET V11S AF		1744 Secs (1744 Secs) *[==>]*	*[2]*
5	V1108-Her FP-3 (COS.sp.415640)	(49) V1108-HER	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES	USE OFFSET V11S AF		878 Secs (878 Secs) *[==>]*	*[2]*
6	V1108-Her FP-3 (COS.sp.415640)	(49) V1108-HER	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V11S AF		864 Secs (864 Secs) *[==>]*	*[3]*
7	V1108-Her FP-4 (COS.sp.415640)	(49) V1108-HER	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1740; FP-POS=4; FLASH=YES	USE OFFSET V11S AF		1748 Secs (1748 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 6
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, V1108-Her-BOP-ONLY (B2), withdrawn Tue Mar 11 01:28:09 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 15-FEB-2013:00:00:00 AND 15-NOV-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

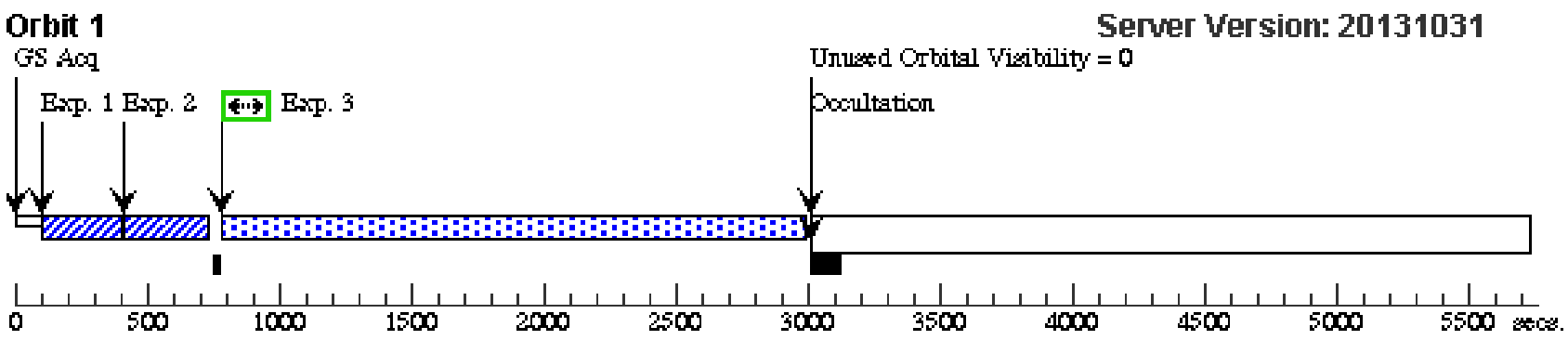
Fixed Targets

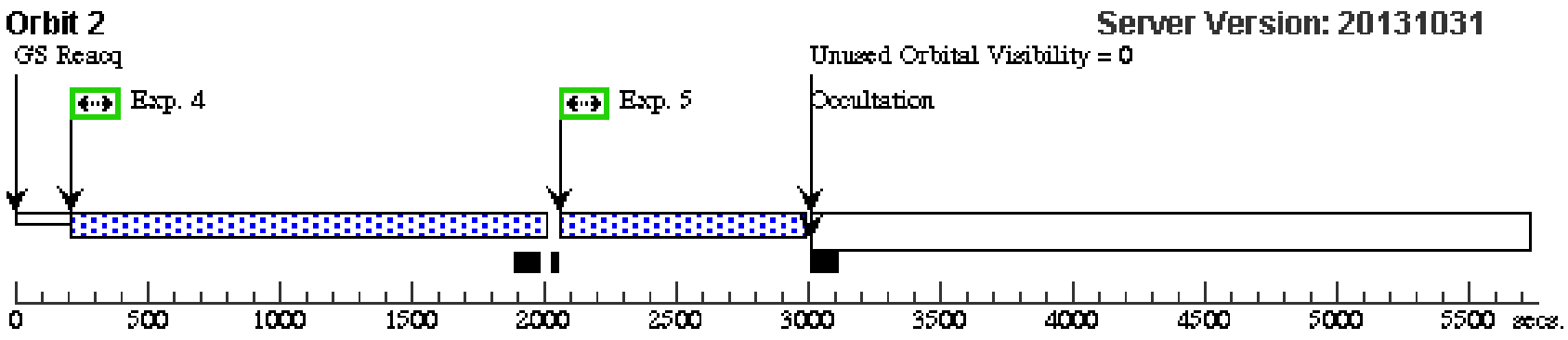
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(49)	V1108-HER	RA: 18 39 26.1500 (279.8589583d) Dec: +26 04 10.00 (26.06944d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2013	V=17.7+/-0.3	Reference Frame: ICRS
Comments: SWIFT observed V1108 Her on 2012/12/13 in the UVM2 filter for a total of 1019s. We measure a flux of 1.73 +/- 0.05 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A. *UPDATE: we measured the current-epoch coordinates from images obtained with the Liverpool telescope using a u-band filter that elminates the contamination from a nearby red visual companion.*					
(88)	TARGET49-SAFE-TARGET	Offset from V1108-HER RA Offset: -0.71 Secs Dec Offset: -1.878 Arcsec		V=17.7+/-0.3	Offset Position (TARGET49-SAFE-TARGET)
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.807 arcseconds away at a PA 259.0 degrees from V1108-HER.					

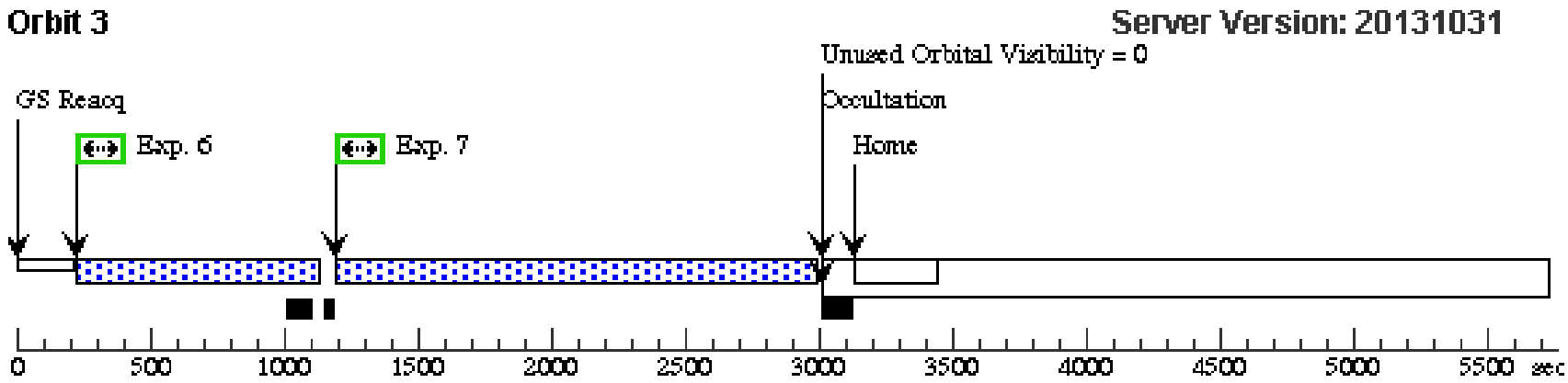
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	V1108-Her ACQ/PEAKXD (COS.sa.454158)	(88) TARGET49-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				35 Secs (35 Secs) *[==>]*	*[1]*
2	V1108-Her ACQ/PEAKD (COS.sa.454158)	(88) TARGET49-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			35 Secs (35 Secs) *[==>]*	*[1]*
3	V1108-Her FP-1 (COS.sp.415640)	(88) TARGET49-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2023; FP-POS=1; FLASH=YES			2092 Secs (2092 Secs) *[==>]*	*[1]*
4	V1108-Her FP-2 (COS.sp.415640)	(88) TARGET49-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1644; FP-POS=2; FLASH=YES			1744 Secs (1744 Secs) *[==>]*	*[2]*
5	V1108-Her FP-3 (COS.sp.415640)	(88) TARGET49-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES			878 Secs (878 Secs) *[==>]*	*[2]*
6	V1108-Her FP-3 (COS.sp.415640)	(88) TARGET49-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	V1108-Her FP-4 (COS.sp.415640)	(88) TARGET49-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1740; FP-POS=4; FLASH=YES			1748 Secs (1748 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, SDSS0755+1435 (12), completed Tue Mar 11 01:28:10 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 260D TO 115 D; BETWEEN 09-OCT-2012:00:00:00 AND 10-MAY-2013:00:00:00; BETWEEN 25-SEP-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This visit should be scheduled in evening-local time. The flags need to be cleared during the work day.

Diagnostics

(SDSS0755+1435 (12)) Warning (Orbit Planner): VISIBILITY OVERRUN

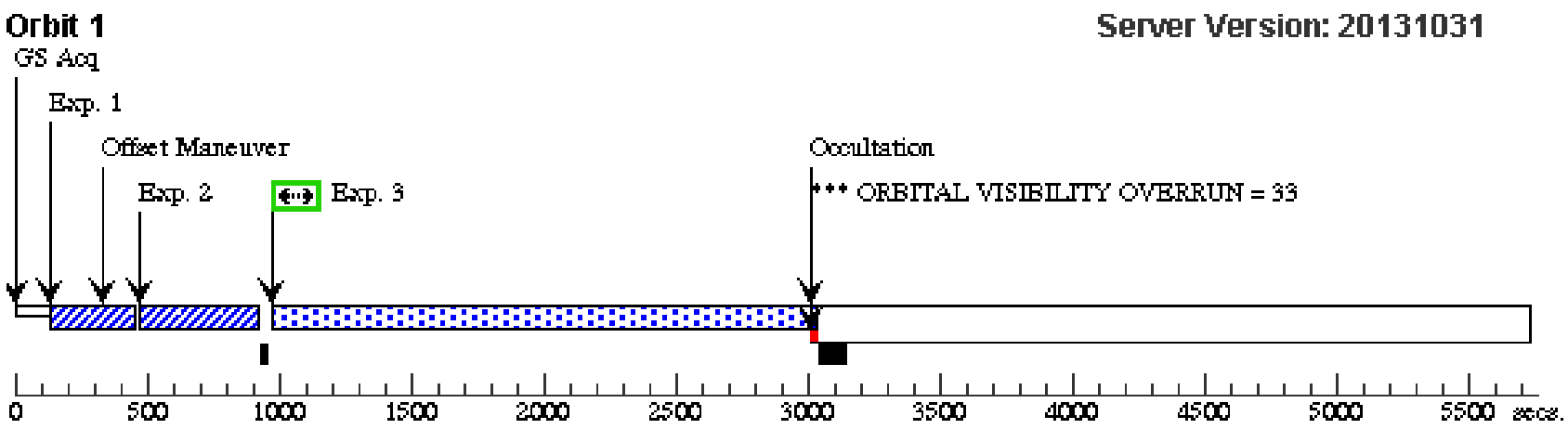
Fixed Targets

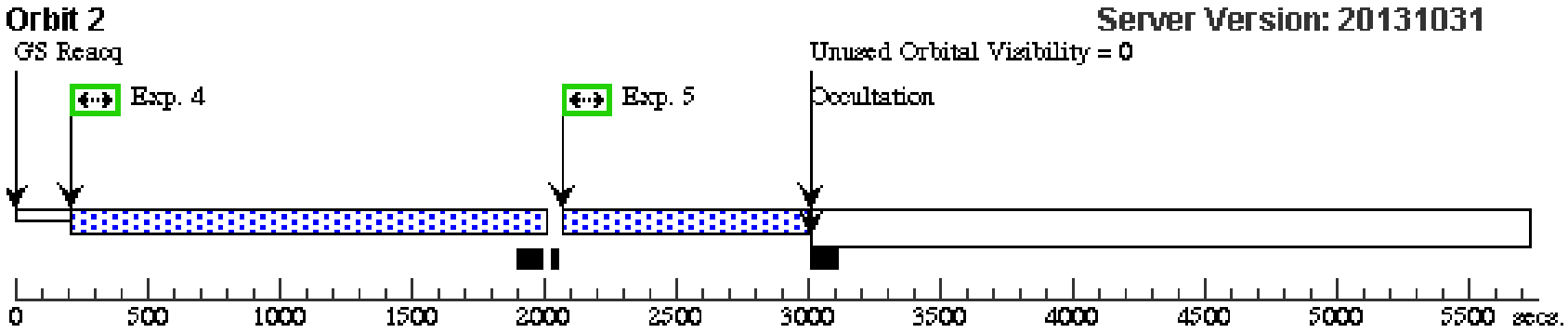
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	SDSS0755+1435	RA: 07 55 7.7200 (118.7821667d) Dec: +14 35 47.60 (14.59656d) Equinox: J2000	Proper Motion RA: -18.1 mas/yr Proper Motion Dec: -42.5 mas/yr Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=200microJy GALEX NUV=180microJy	Reference Frame: ICRS

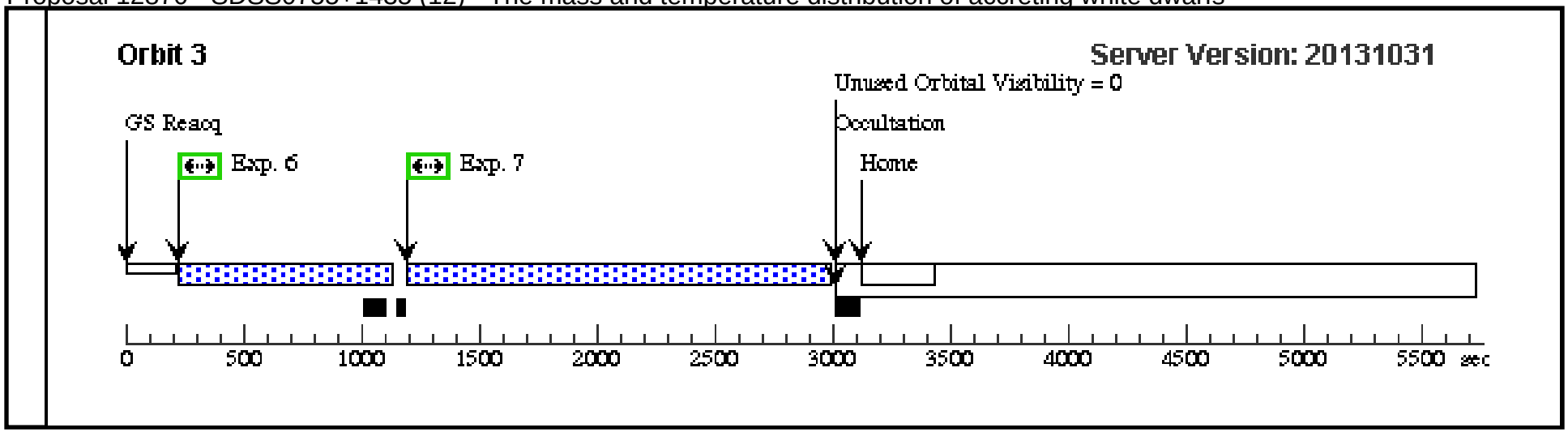
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS0755+1435 ACQ/PEAKXD (COS.sa.433089)	(18) SDSS0755+1435	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V12SAF		60 Secs (60 Secs) *[==>]*	*[1]*
2	SDSS0755+1435-0339 ACQ/PEAKD (COS.sa.433089)	(18) SDSS0755+1435	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V12SAF		60 Secs (60 Secs) *[==>]*	*[1]*
3	SDSS0755+1435 FP-1 (COS.sp.415657)	(18) SDSS0755+1435	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1944; FP-POS=1; FLASH=YES	USE OFFSET V12SAF		1944 Secs (1944 Secs) *[==>]*	*[1]*
4	SDSS0755+1435 FP-2 (COS.sp.415657)	(18) SDSS0755+1435	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES	USE OFFSET V12SAF		1746 Secs (1746 Secs) *[==>]*	*[2]*
5	SDSS0755+1435 FP-3 (COS.sp.415657)	(18) SDSS0755+1435	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES	USE OFFSET V12SAF		878 Secs (878 Secs) *[==>]*	*[2]*
6	SDSS0755+1435 FP-3 (COS.sp.415657)	(18) SDSS0755+1435	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V12SAF		864 Secs (864 Secs) *[==>]*	*[3]*
7	SDSS0755+1435 FP-4 (COS.sp.415657)	(18) SDSS0755+1435	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES	USE OFFSET V12SAF		1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
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Unused Orbital Visibility = 0
GS Reacq
Exp. 6
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS0755+1435-BOP-ONLY (77), withdrawn Tue Mar 11 01:28:10 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 260D TO 115 D; BETWEEN 09-OCT-2012:00:00:00 AND 10-MAY-2013:00:00:00; BETWEEN 25-SEP-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

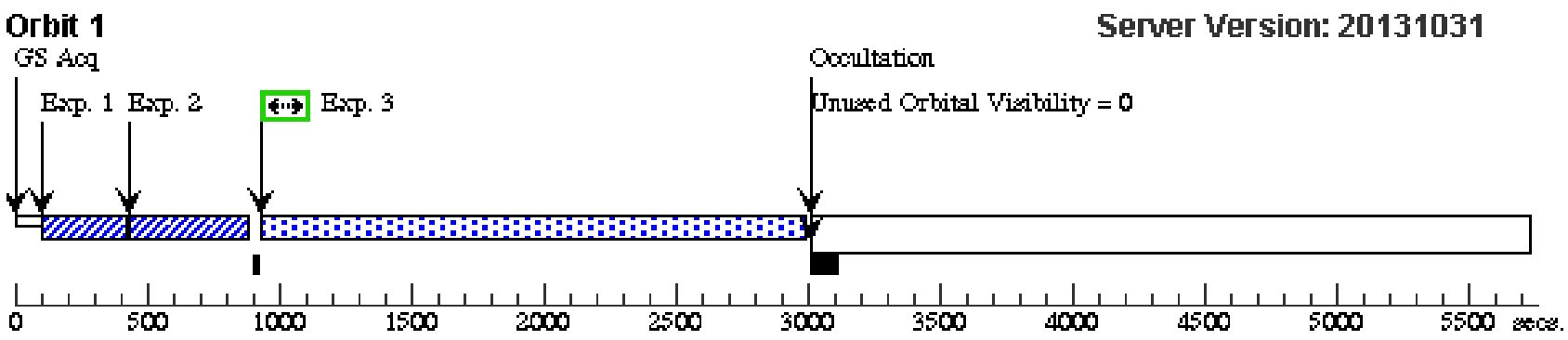
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	SDSS0755+1435	RA: 07 55 7.7200 (118.7821667d) Dec: +14 35 47.60 (14.59656d) Equinox: J2000	Proper Motion RA: -18.1 mas/yr Proper Motion Dec: -42.5 mas/yr Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=200microJy GALEX NUV=180microJy	Reference Frame: ICRS
(65)	TARGET18-SAFE-TARGET	Offset from SDSS0755+1435 RA Offset: 0.42 Secs Dec Offset: 6.592 Arcsec		V=18.2+/-0.3	Offset Position (TARGET18-SAFE-TARGET)

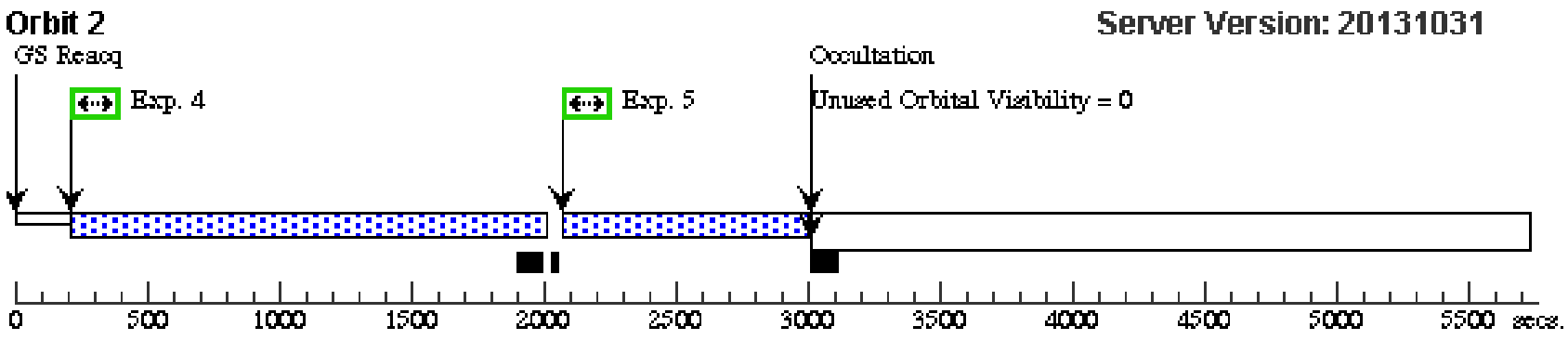
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.002 arcseconds away at a PA 42.9 degrees from SDSS0755+1435.

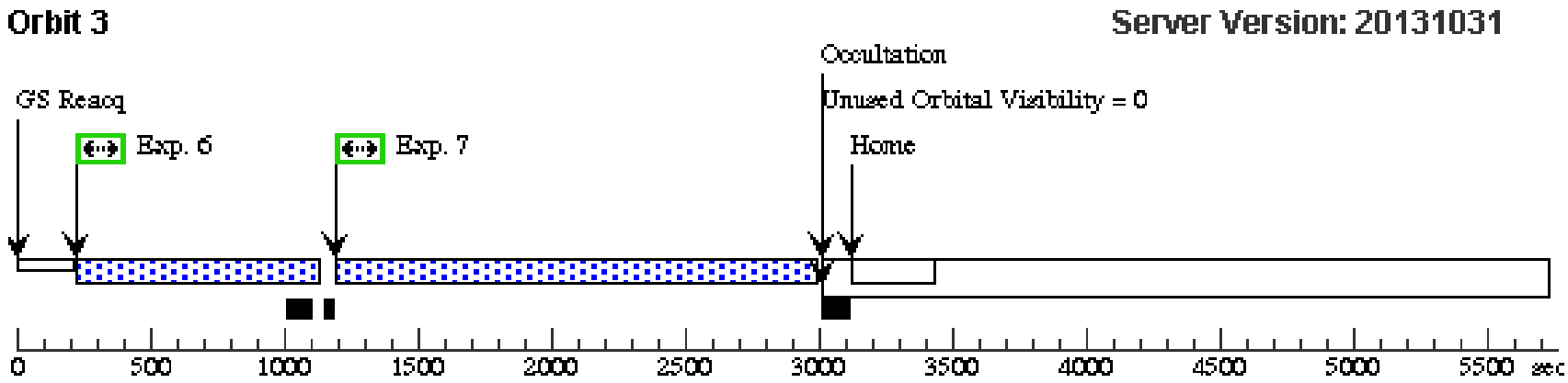
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS0755+1435 ACQ/PEAKXD (COS.sa.433089)	(65) TARGET18-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				60 Secs (60 Secs) *[==>]*	*[1]*
2	SDSS0755+1435-0339 ACQ/PEAKD (COS.sa.433089)	(65) TARGET18-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			60 Secs (60 Secs) *[==>]*	*[1]*
3	SDSS0755+1435 FP-1 (COS.sp.415657)	(65) TARGET18-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1944; FP-POS=1; FLASH=YES			1944 Secs (1944 Secs) *[==>]*	*[1]*
4	SDSS0755+1435 FP-2 (COS.sp.415657)	(65) TARGET18-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES			1746 Secs (1746 Secs) *[==>]*	*[2]*
5	SDSS0755+1435 FP-3 (COS.sp.415657)	(65) TARGET18-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES			878 Secs (878 Secs) *[==>]*	*[2]*
6	SDSS0755+1435 FP-3 (COS.sp.415657)	(65) TARGET18-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	SDSS0755+1435 FP-4 (COS.sp.415657)	(65) TARGET18-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, QZ-Lib (13), completed Tue Mar 11 01:28:11 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 75D TO 325 D; BETWEEN 09-OCT-2012:00:00:00 AND 20-AUG-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(QZ-Lib (13)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

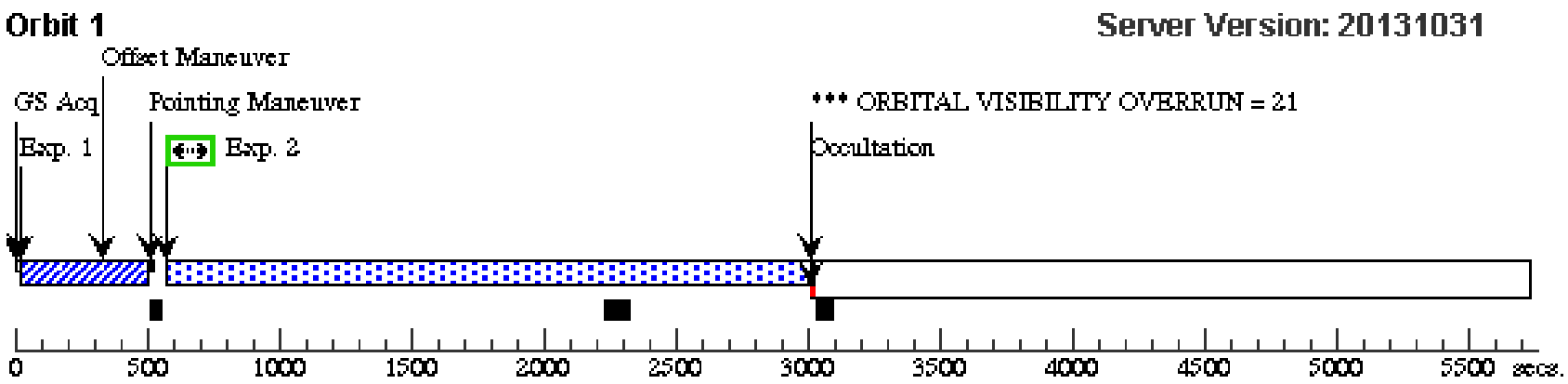
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(50)	QZ-LIB	RA: 15 36 15.9700 (234.0665417d) Dec: -08 39 7.68 (-8.65213d) Equinox: J2000	Proper Motion RA: 45.0 mas/yr Proper Motion Dec: -72.6 mas/yr Epoch of Position: 2000.0	V=17.5+/-0.3	Reference Frame: ICRS

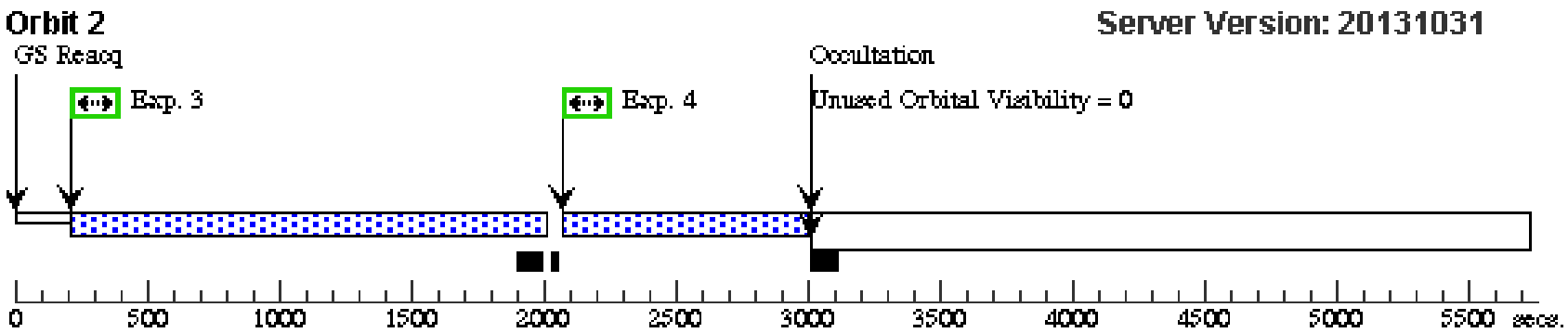
Comments: SWIFT observed QZ Lib Her on 2013/01/01 and 05 in the UVM2 filter for a total of 1105s. We measure a flux of 2.15 +/- 0.3 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A, both Swift visits agree well.

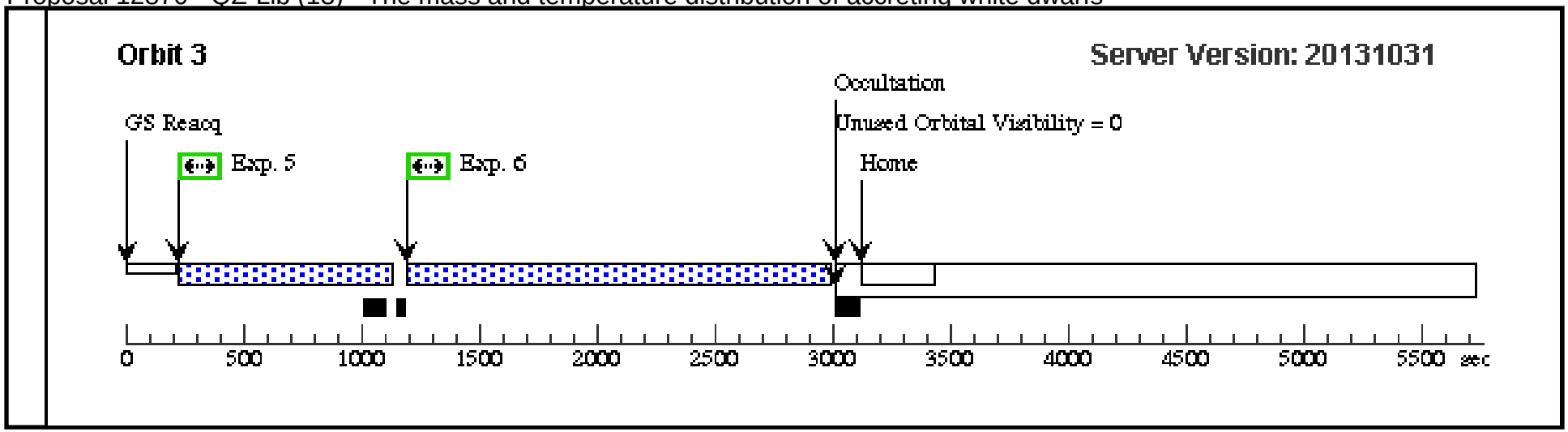
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	QZ-Lib ACQ (COS.ta.454164)	(50) QZ-LIB	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		USE OFFSET V13SAF		38 Secs (38 Secs) *[==>]*	*[1]*
2	QZ-Lib FP-1 (COS.sp.415660)	(50) QZ-LIB	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=1; FLASH=YES	USE OFFSET V13SAF		2273 Secs (2273 Secs) *[==>]*	*[1]*
3	QZ-Lib FP-2 (COS.sp.415660)	(50) QZ-LIB	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES	USE OFFSET V13SAF		1746 Secs (1746 Secs) *[==>]*	*[2]*
4	QZ-Lib FP-3 (COS.sp.415660)	(50) QZ-LIB	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES	USE OFFSET V13SAF		878 Secs (878 Secs) *[==>]*	*[2]*
5	QZ-Lib FP-3 (COS.sp.415660)	(50) QZ-LIB	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V13SAF		864 Secs (864 Secs) *[==>]*	*[3]*
6	QZ-Lib FP-4 (COS.sp.415660)	(50) QZ-LIB	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES	USE OFFSET V13SAF		1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, QZ-Lib-BOP-ONLY (91), withdrawn Tue Mar 11 01:28:12 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 75D TO 325 D; BETWEEN 09-OCT-2012:00:00:00 AND 20-AUG-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

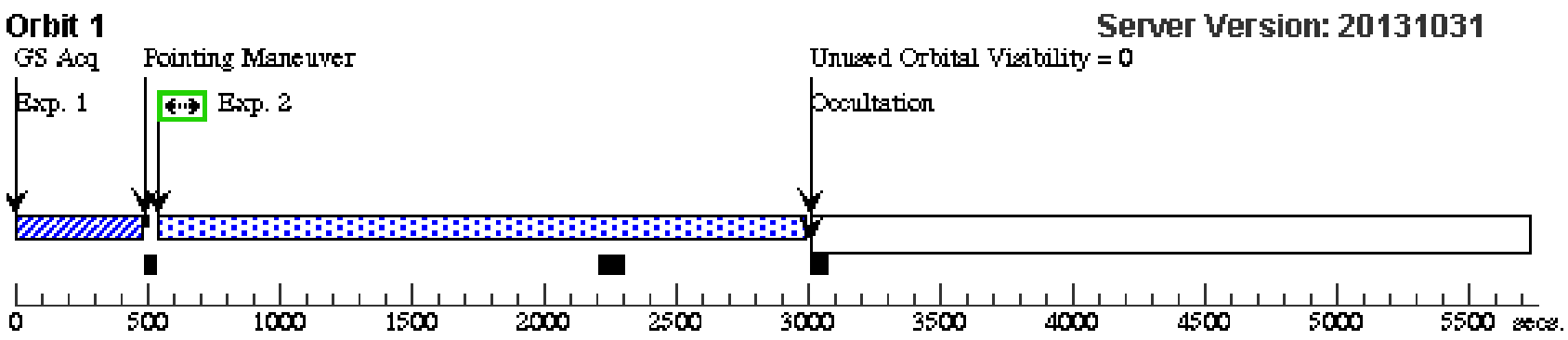
Fixed Targets

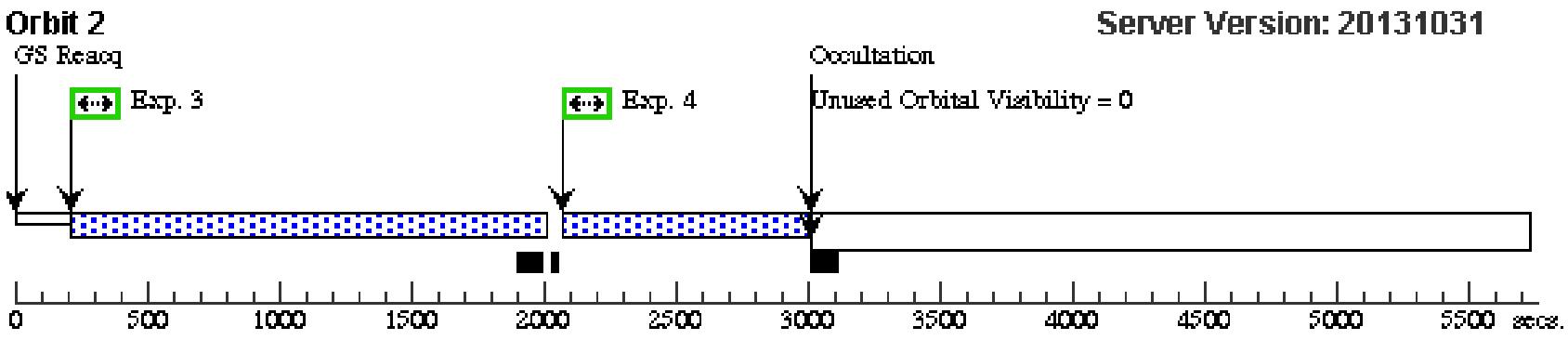
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(50)	QZ-LIB	RA: 15 36 15.9700 (234.0665417d) Dec: -08 39 7.68 (-8.65213d) Equinox: J2000	Proper Motion RA: 45.0 mas/yr Proper Motion Dec: -72.6 mas/yr Epoch of Position: 2000.0	V=17.5+/-0.3	Reference Frame: ICRS
Comments: SWIFT observed QZ Lib Her on 2013/01/01 and 05 in the UVM2 filter for a total of 1105s. We measure a flux of 2.15 +/- 0.3 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A, both Swift visits agree well.					
(82)	TARGET50-SAFE-TARGET	Offset from QZ-LIB RA Offset: -0.56 Secs Dec Offset: -3.505 Arcsec		V=17.5+/-0.3	Offset Position (TARGET50-SAFE-TARGET)
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.042 arcseconds away at a PA 247.2 degrees from QZ-LIB.					

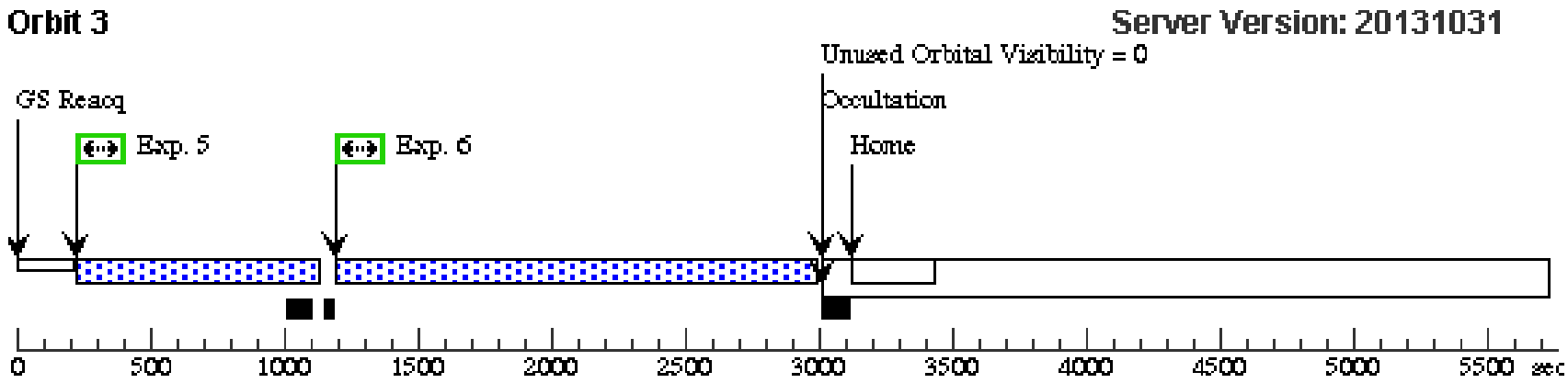
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	QZ-Lib ACQ (COS.ta.454164)	(82) TARGET50-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				38 Secs (38 Secs) *[==>]*	***[1]***
2	QZ-Lib FP-1 (COS.sp.415660)	(82) TARGET50-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=1; FLASH=YES			2273 Secs (2273 Secs) *[==>]*	***[1]***
3	QZ-Lib FP-2 (COS.sp.415660)	(82) TARGET50-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES			1746 Secs (1746 Secs) *[==>]*	***[2]***
4	QZ-Lib FP-3 (COS.sp.415660)	(82) TARGET50-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES			878 Secs (878 Secs) *[==>]*	***[2]***
5	QZ-Lib FP-3 (COS.sp.415660)	(82) TARGET50-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	***[3]***
6	QZ-Lib FP-4 (COS.sp.415660)	(82) TARGET50-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12870, SDSS1005+1911 (14), completed Tue Mar 11 01:28:13 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 150D TO 0 D; BETWEEN 25-OCT-2012:00:00:00 AND 31-MAY-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(SDSS1005+1911 (14)) Warning (Orbit Planner): VISIBILITY OVERRUN

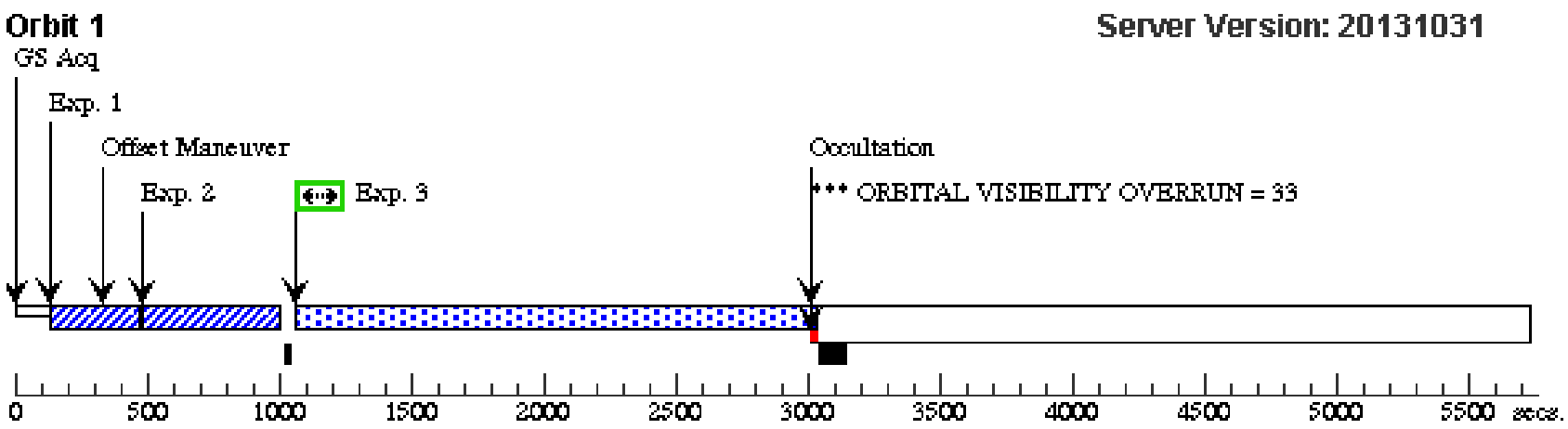
Fixed Targets

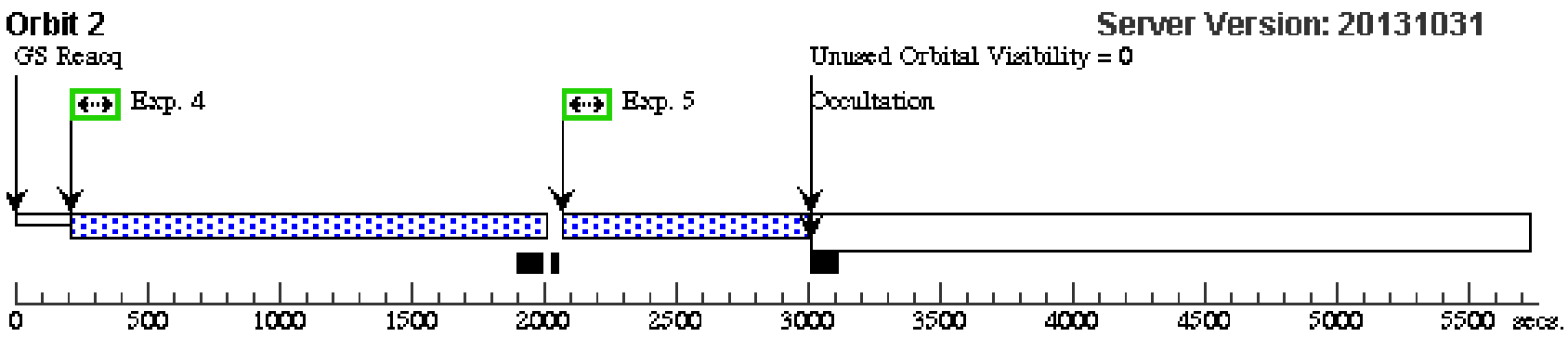
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(25)	SDSS1005+1911	RA: 10 05 15.4100 (151.3142083d) Dec: +19 11 7.50 (19.18542d) Equinox: J2000	Proper Motion RA: -4.1 mas/yr Proper Motion Dec: -10.6 mas/yr Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=130microJy GALEX NUV=145microJy	Reference Frame: ICRS

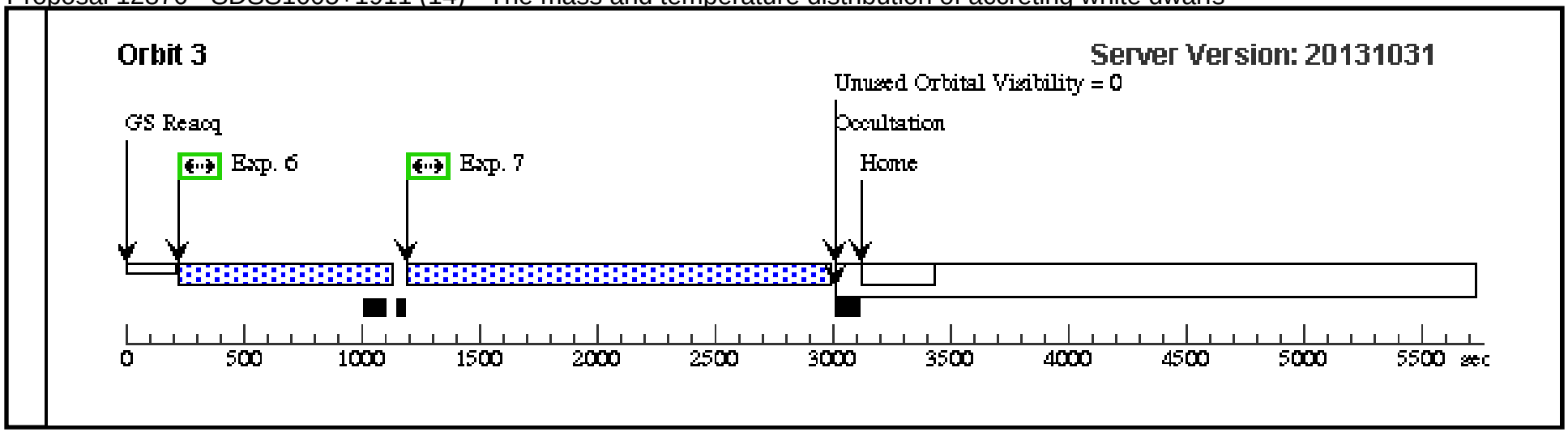
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1005+1911 ACQ/PEAKXD (COS.sa.433096)	(25) SDSS1005+1911	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V14SAF		75 Secs (75 Secs) *[==>]*	*[1]*
2	SDSS1005+1911 ACQ/PEAKD (COS.sa.433096)	(25) SDSS1005+1911	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V14SAF		75 Secs (75 Secs) *[==>]*	*[1]*
3	SDSS1005+1911 FP-1 (COS.sp.415669)	(25) SDSS1005+1911	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1854; FP-POS=1; FLASH=YES	USE OFFSET V14SAF		1854 Secs (1854 Secs) *[==>]*	*[1]*
4	SDSS1005+1911 FP-2 (COS.sp.415669)	(25) SDSS1005+1911	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES	USE OFFSET V14SAF		1746 Secs (1746 Secs) *[==>]*	*[2]*
5	SDSS1005+1911 FP-3 (COS.sp.415669)	(25) SDSS1005+1911	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES	USE OFFSET V14SAF		878 Secs (878 Secs) *[==>]*	*[2]*
6	SDSS1005+1911 FP-3 (COS.sp.415669)	(25) SDSS1005+1911	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V14SAF		864 Secs (864 Secs) *[==>]*	*[3]*
7	SDSS1005+1911 FP-4 (COS.sp.415669)	(25) SDSS1005+1911	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES	USE OFFSET V14SAF		1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 6
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
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4500
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sec

Visit

Proposal 12870, SDSS1005+1911-BOP-ONLY (49), withdrawn Tue Mar 11 01:28:14 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 150D TO 0 D; BETWEEN 25-OCT-2012:00:00:00 AND 31-MAY-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

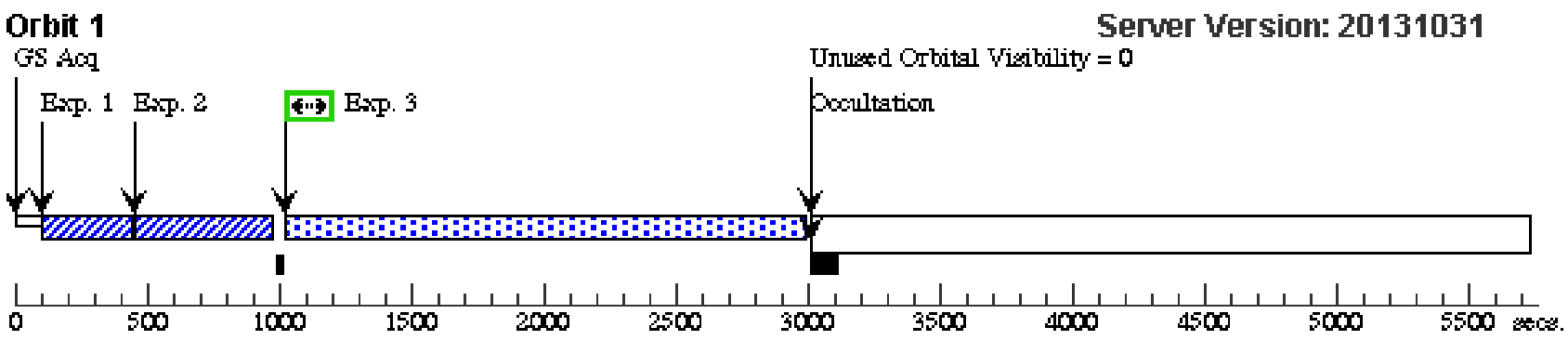
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(25)	SDSS1005+1911	RA: 10 05 15.4100 (151.3142083d) Dec: +19 11 7.50 (19.18542d) Equinox: J2000	Proper Motion RA: -4.1 mas/yr Proper Motion Dec: -10.6 mas/yr Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=130microJy GALEX NUV=145microJy	Reference Frame: ICRS
(70)	TARGET25-SAFE-TARGET	Offset from SDSS1005+1911 RA Offset: -0.54 Secs Dec Offset: 4.548 Arcsec		V=18.2+/-0.3	Offset Position (TARGET25-SAFE-TARGET)

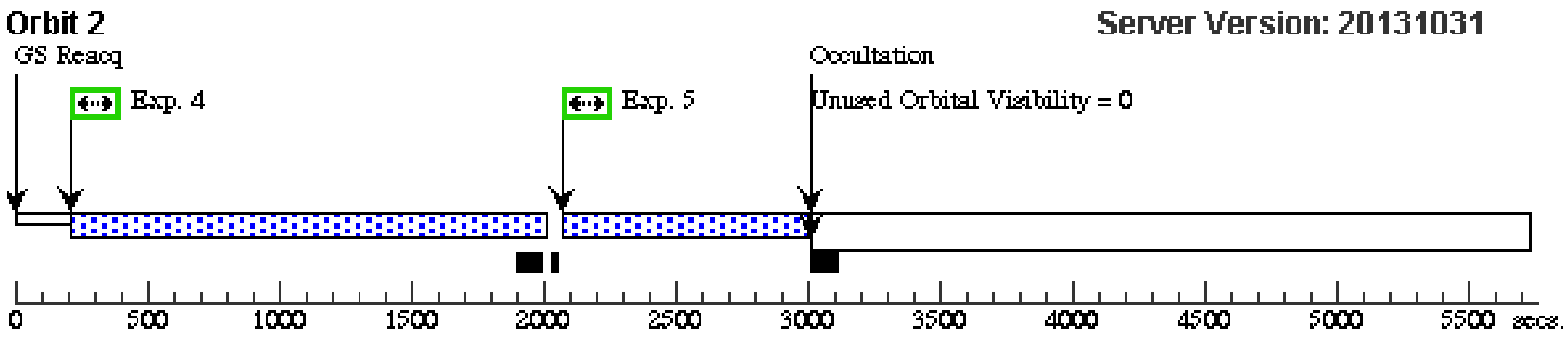
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.011 arcseconds away at a PA 300.3 degrees from SDSS1005+1911.

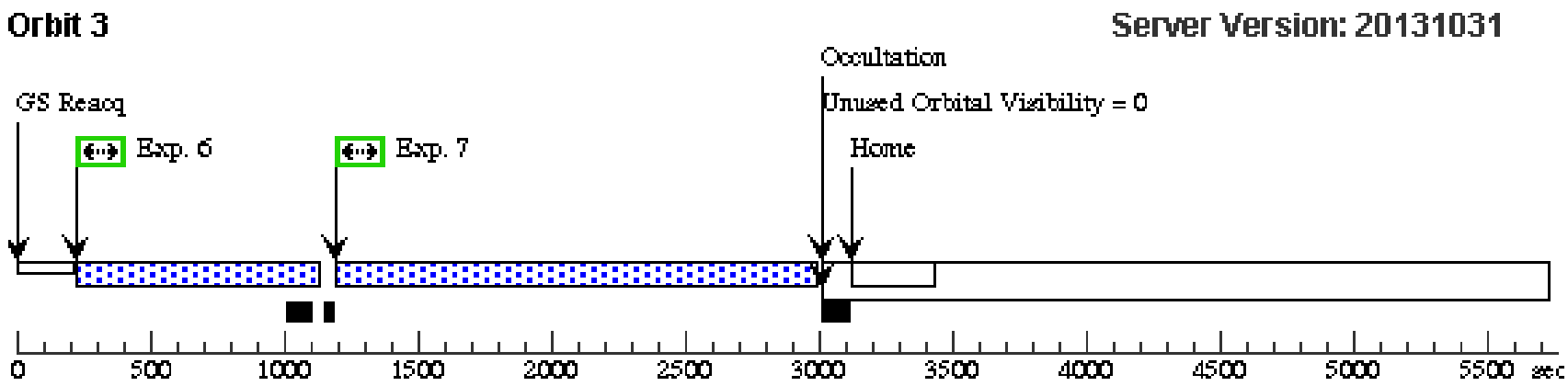
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1005+1911 ACQ/PEAKXD (COS.sa.433096)	(70) TARGET25-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				75 Secs (75 Secs) *[==>]*	*[1]*
2	SDSS1005+1911 ACQ/PEAKD (COS.sa.433096)	(70) TARGET25-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			75 Secs (75 Secs) *[==>]*	*[1]*
3	SDSS1005+1911 FP-1 (COS.sp.415669)	(70) TARGET25-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1854; FP-POS=1; FLASH=YES			1854 Secs (1854 Secs) *[==>]*	*[1]*
4	SDSS1005+1911 FP-2 (COS.sp.415669)	(70) TARGET25-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1646; FP-POS=2; FLASH=YES			1746 Secs (1746 Secs) *[==>]*	*[2]*
5	SDSS1005+1911 FP-3 (COS.sp.415669)	(70) TARGET25-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES			878 Secs (878 Secs) *[==>]*	*[2]*
6	SDSS1005+1911 FP-3 (COS.sp.415669)	(70) TARGET25-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	SDSS1005+1911 FP-4 (COS.sp.415669)	(70) TARGET25-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, AX-For (15), completed Tue Mar 11 01:28:14 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

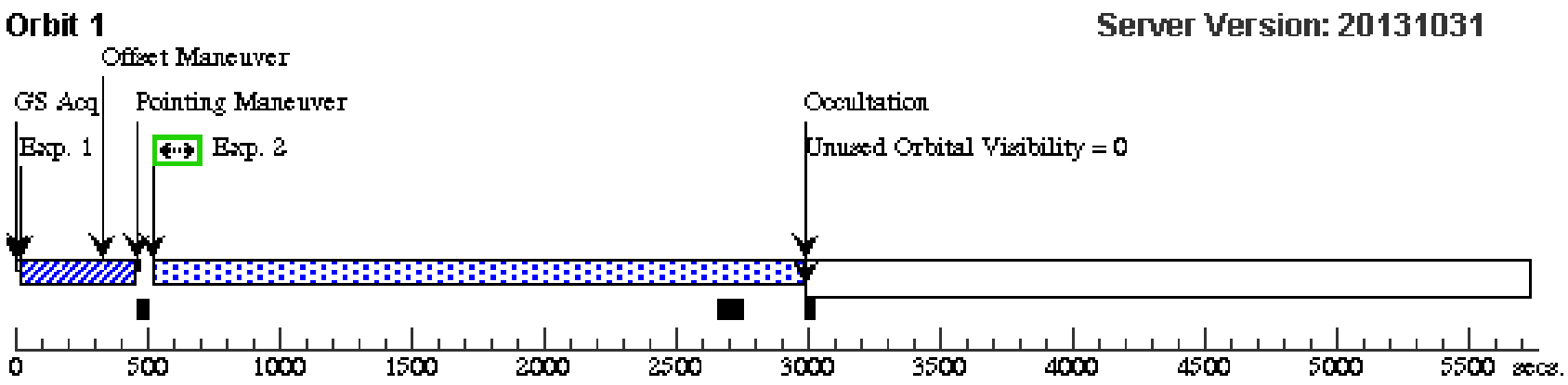
Fixed Targets

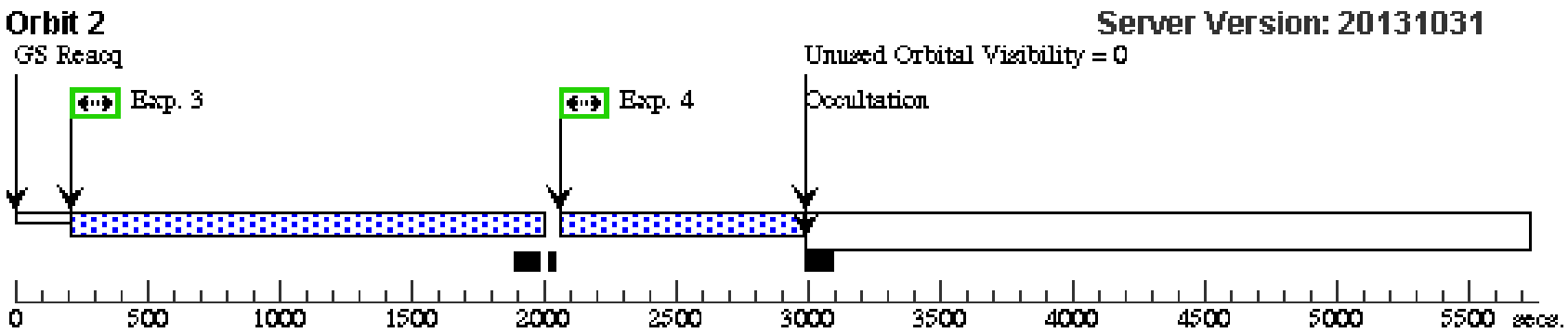
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	AX-FOR Alt Name1: 2QZJ021927.9-304545	RA: 02 19 28.0000 (34.8666667d) Dec: -30 45 45.60 (-30.76267d) Equinox: J2000	Proper Motion RA: 11.9 mas/yr Proper Motion Dec: 9.4 mas/yr Epoch of Position: 2000.0	V=18.5+/-0.3 GALEX FUV=110microJy GALEX NUV=130microJy	Reference Frame: ICRS

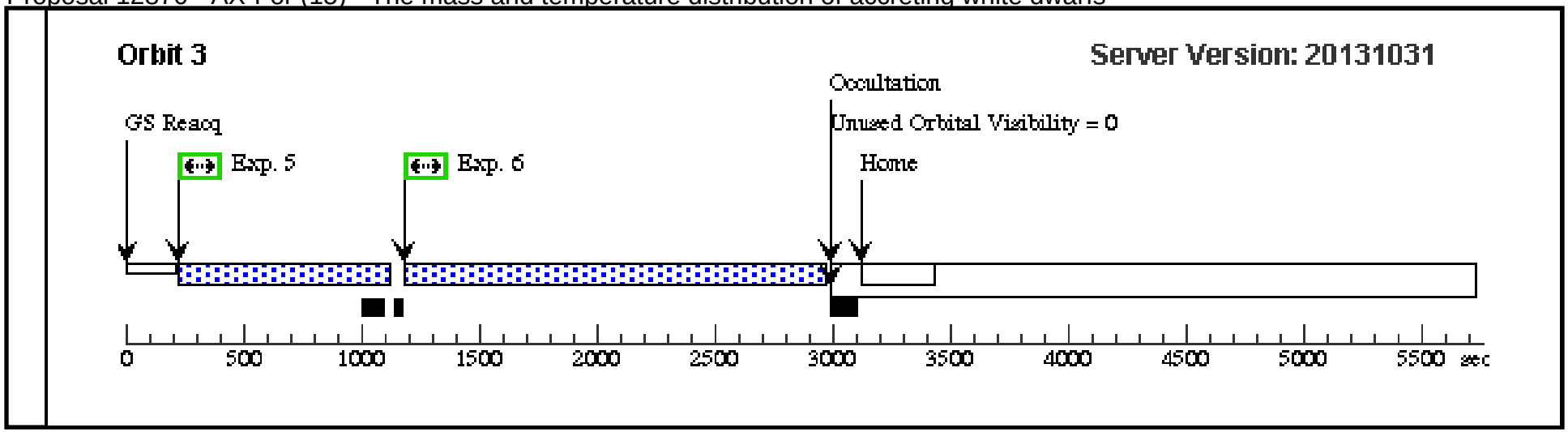
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	AX-For ACQ (COS.ta.415692)	(5) AX-FOR	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		USE OFFSET V15SAF		15 Secs (15 Secs) *[==>]*	*[1]*
2	AX-For FP-1 (COS.sp.415691)	(5) AX-FOR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1980; FP-POS=1; FLASH=YES	USE OFFSET V15SAF		2280 Secs (2280 Secs) *[==>]*	*[1]*
3	AX-For FP-2 (COS.sp.415691)	(5) AX-FOR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1640; FP-POS=2; FLASH=YES	USE OFFSET V15SAF		1740 Secs (1740 Secs) *[==>]*	*[2]*
4	AX-For FP-3 (COS.sp.415691)	(5) AX-FOR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=866; FP-POS=3; FLASH=YES	USE OFFSET V15SAF		866 Secs (866 Secs) *[==>]*	*[2]*
5	AX-For FP-3 (COS.sp.415691)	(5) AX-FOR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=754; FP-POS=3; FLASH=YES	USE OFFSET V15SAF		854 Secs (854 Secs) *[==>]*	*[3]*
6	AX-For FP-4 (COS.sp.415691)	(5) AX-FOR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1736; FP-POS=4; FLASH=YES	USE OFFSET V15SAF		1742 Secs (1742 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 5
Exp. 6
Home
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sec

Visit

Proposal 12870, AX-For-BOP-ONLY (65), withdrawn Tue Mar 11 01:28:15 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

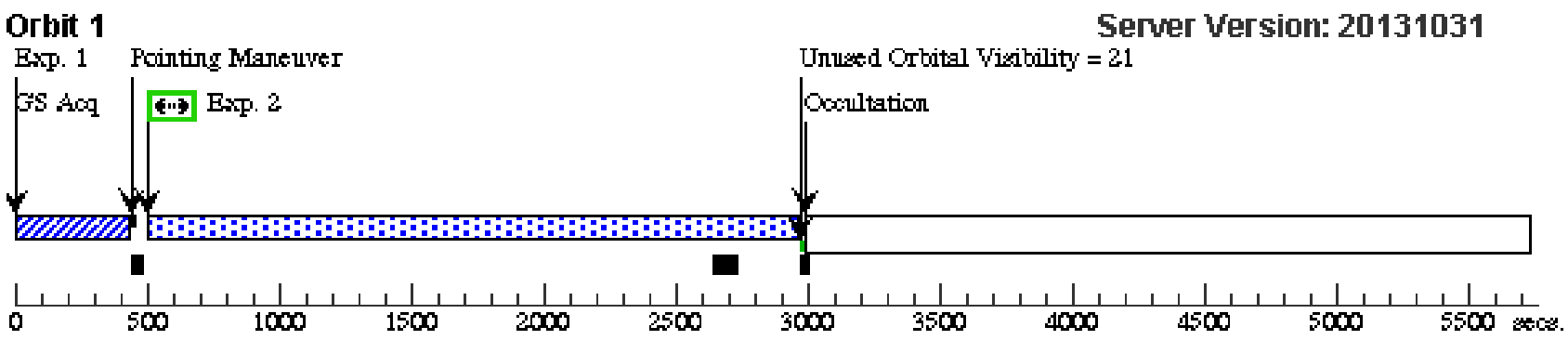
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	AX-FOR Alt Name1: 2QZJ021927.9-304545	RA: 02 19 28.0000 (34.8666667d) Dec: -30 45 45.60 (-30.76267d) Equinox: J2000	Proper Motion RA: 11.9 mas/yr Proper Motion Dec: 9.4 mas/yr Epoch of Position: 2000.0	V=18.5+/-0.3 GALEX FUV=110microJy GALEX NUV=130microJy	Reference Frame: ICRS
(92)	TARGET05-SAFE-TARGET Alt Name1: 2QZJ021927.9-304545	Offset from AX-FOR RA Offset: -0.67 Secs Dec Offset: -4.524 Arcsec		V=18.5+/-0.3	Offset Position (TARGET05-SAFE-TARGET)

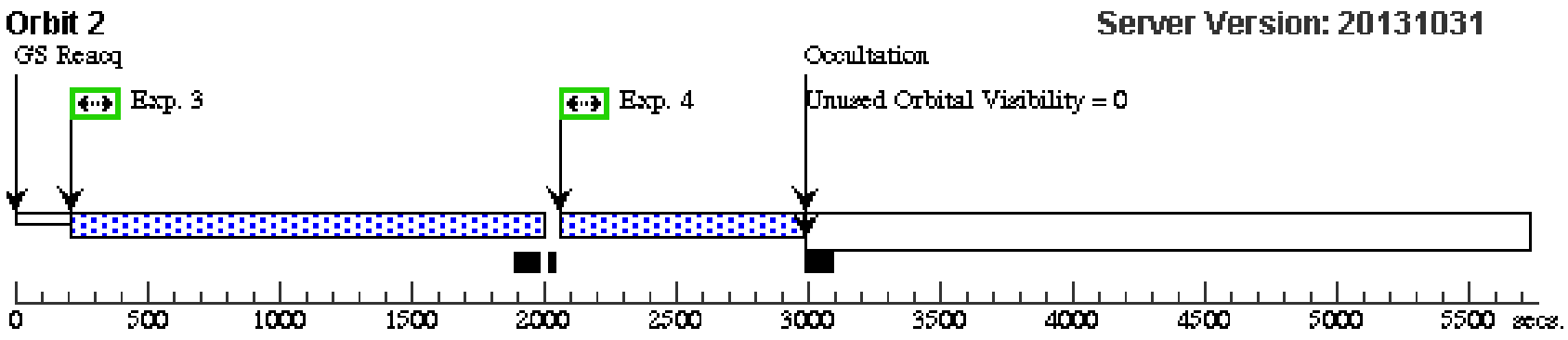
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.814 arcseconds away at a PA 242.5 degrees from AX-FOR.

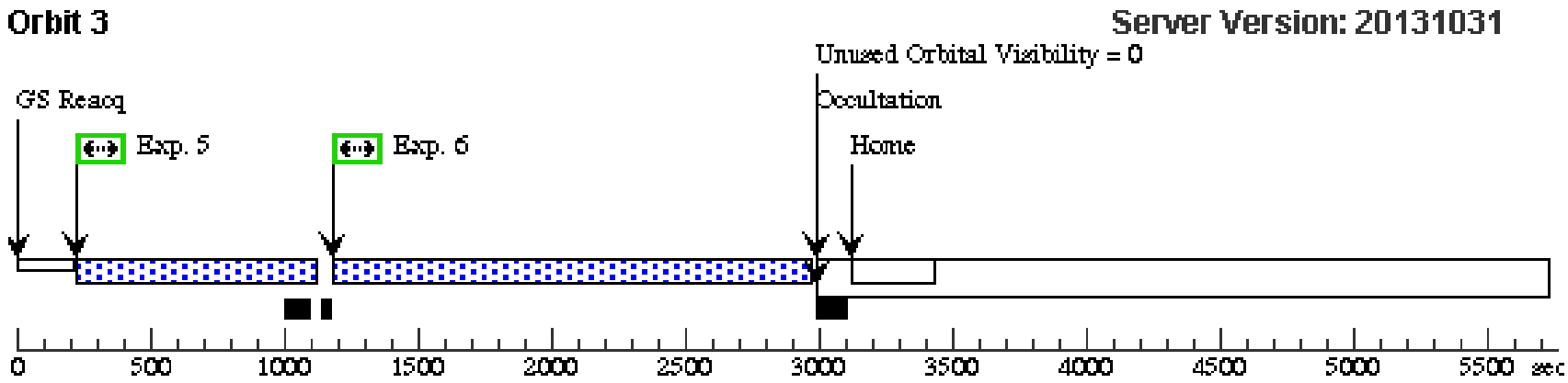
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	AX-For ACQ (COS.ta.415692)	(92) TARGET05-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				15 Secs (15 Secs) *[==>]*	*[1]*
2	AX-For FP-1 (COS.sp.415691)	(92) TARGET05-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1980; FP-POS=1; FLASH=YES			2280 Secs (2280 Secs) *[==>]*	*[1]*
3	AX-For FP-2 (COS.sp.415691)	(92) TARGET05-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1640; FP-POS=2; FLASH=YES			1740 Secs (1740 Secs) *[==>]*	*[2]*
4	AX-For FP-3 (COS.sp.415691)	(92) TARGET05-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=866; FP-POS=3; FLASH=YES			866 Secs (866 Secs) *[==>]*	*[2]*
5	AX-For FP-3 (COS.sp.415691)	(92) TARGET05-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=754; FP-POS=3; FLASH=YES			854 Secs (854 Secs) *[==>]*	*[3]*
6	AX-For FP-4 (COS.sp.415691)	(92) TARGET05-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1736; FP-POS=4; FLASH=YES			1742 Secs (1742 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, IR-Com (16), completed Tue Mar 11 01:28:16 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 135D TO 15 D; BETWEEN 30-NOV-2012:00:00:00 AND 10-JUL-2013:00:00:00; Period 0.08703862787 D AND ZERO-PHASE HJD2449486.4818691

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

Ephemeris from Feline et al. 2005MNRAS.364.1158F

Diagnostics

(IR-Com (16)) Warning (Orbit Planner): VISIBILITY OVERRUN

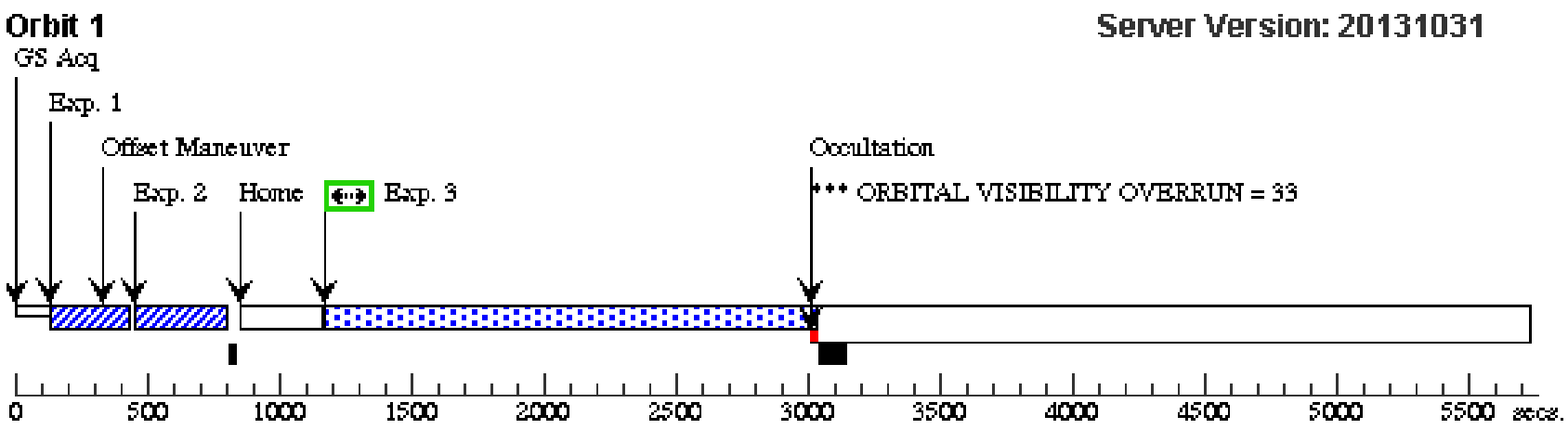
Fixed Targets

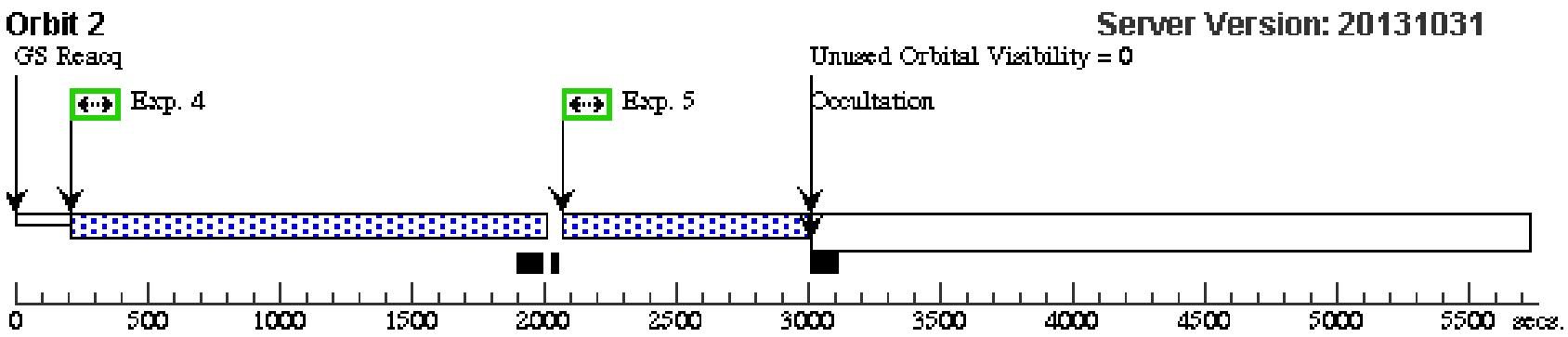
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(32)	IR-COM	RA: 12 39 32.0200 (189.8834167d) Dec: +21 08 6.40 (21.13511d) Equinox: J2000	Proper Motion RA: -34.5 mas/yr Proper Motion Dec: -0.7 mas/yr Epoch of Position: 2000.0	V=18.0+/-0.3 GALEX FUV=220microJy GALEX NUV=200microJy	Reference Frame: ICRS

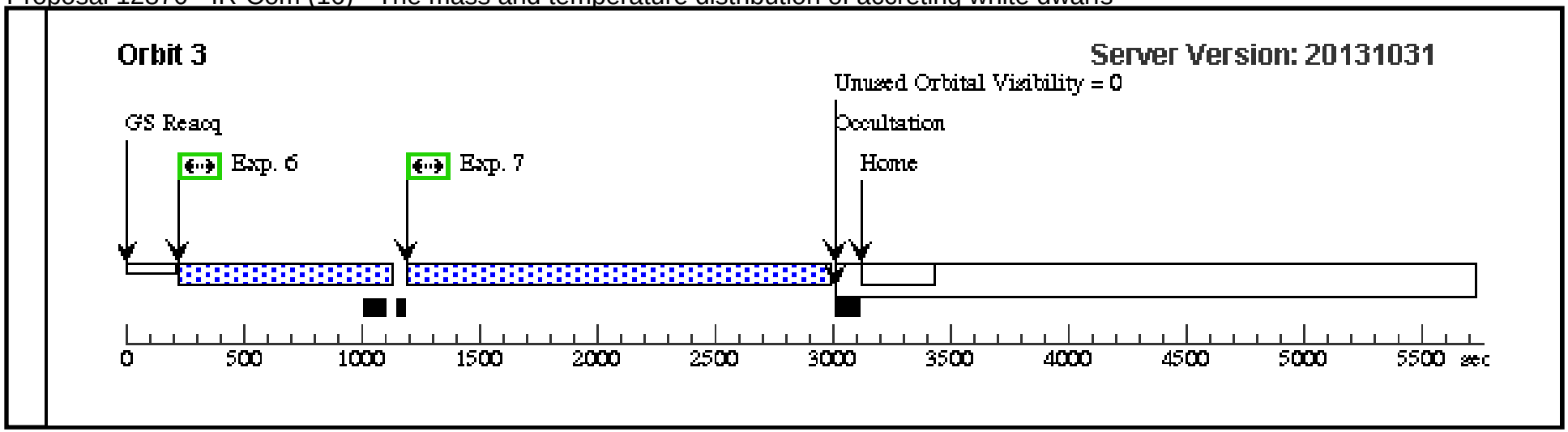
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	IR-Com ACQ/PEAKXD (COS.sa.433097)	(32) IR-COM	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		PHASE 0.15 TO 0.80; USE OFFSET V16SAF		40 Secs (40 Secs) *[==>]*	*[1]*
2	IR-Com ACQ/PEAKD (COS.sa.433097)	(32) IR-COM	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V16SAF		40 Secs (40 Secs) *[==>]*	*[1]*
3	IR-Com FP-1 (COS.sp.415696)	(32) IR-COM	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1627; FP-POS=1; FLASH=YES	USE OFFSET V16SAF; NEW OBSET		1627 Secs (1627 Secs) *[==>]*	*[1]*
4	IR-Com FP-2 (COS.sp.415696)	(32) IR-COM	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1649; FP-POS=2; FLASH=YES	USE OFFSET V16SAF		1749 Secs (1749 Secs) *[==>]*	*[2]*
5	IR-Com FP-3 (COS.sp.415696)	(32) IR-COM	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=875; FP-POS=3; FLASH=YES	USE OFFSET V16SAF		875 Secs (875 Secs) *[==>]*	*[2]*
6	IR-Com FP-3 (COS.sp.415696)	(32) IR-COM	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V16SAF		864 Secs (864 Secs) *[==>]*	*[3]*
7	IR-Com FP-4 (COS.sp.415696)	(32) IR-COM	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES	USE OFFSET V16SAF		1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 6
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, IR-Com-BOP-ONLY (51), withdrawn Tue Mar 11 01:28:17 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 135D TO 15 D; BETWEEN 30-NOV-2012:00:00:00 AND 10-JUL-2013:00:00:00; Period 0.08703862787 D AND ZERO-PHASE HJD2449486.4818691

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

Ephemeris from Feline et al. 2005MNRAS.364.1158F

Fixed Targets

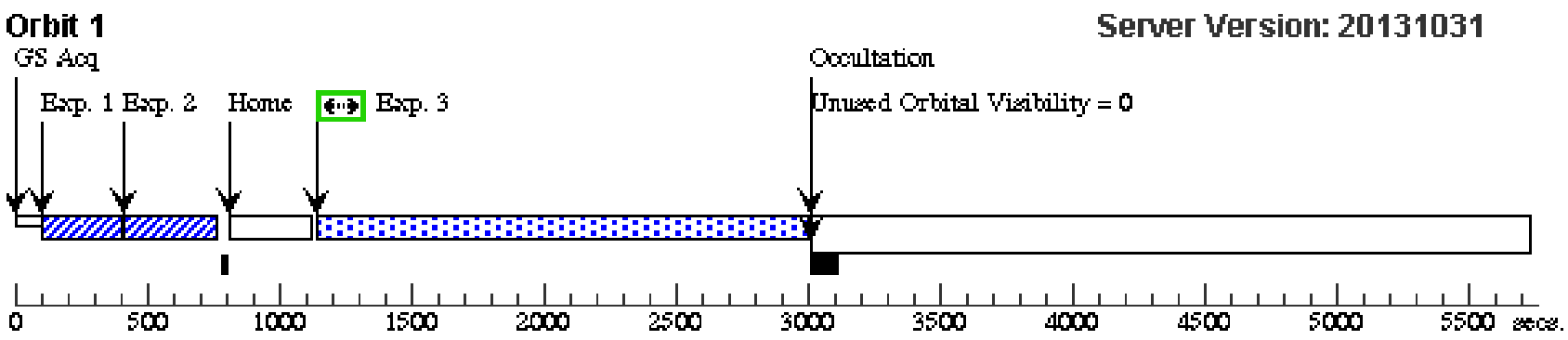
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(32)	IR-COM	RA: 12 39 32.0200 (189.8834167d) Dec: +21 08 6.40 (21.13511d) Equinox: J2000	Proper Motion RA: -34.5 mas/yr Proper Motion Dec: -0.7 mas/yr Epoch of Position: 2000.0	V=18.0+/-0.3 GALEX FUV=220microJy GALEX NUV=200microJy	Reference Frame: ICRS
(71)	TARGET32-SAFE-TARGET	Offset from IR-COM RA Offset: -0.56 Secs Dec Offset: 4.283 Arcsec		V=18.0+/-0.3	Offset Position (TARGET32-SAFE-TARGET)

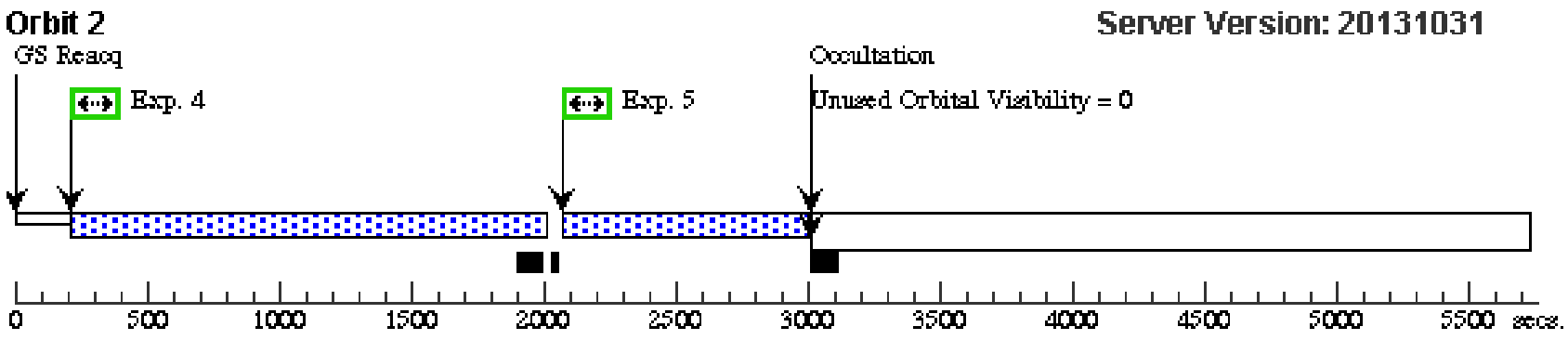
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.025 arcseconds away at a PA 298.3 degrees from IR-COM.

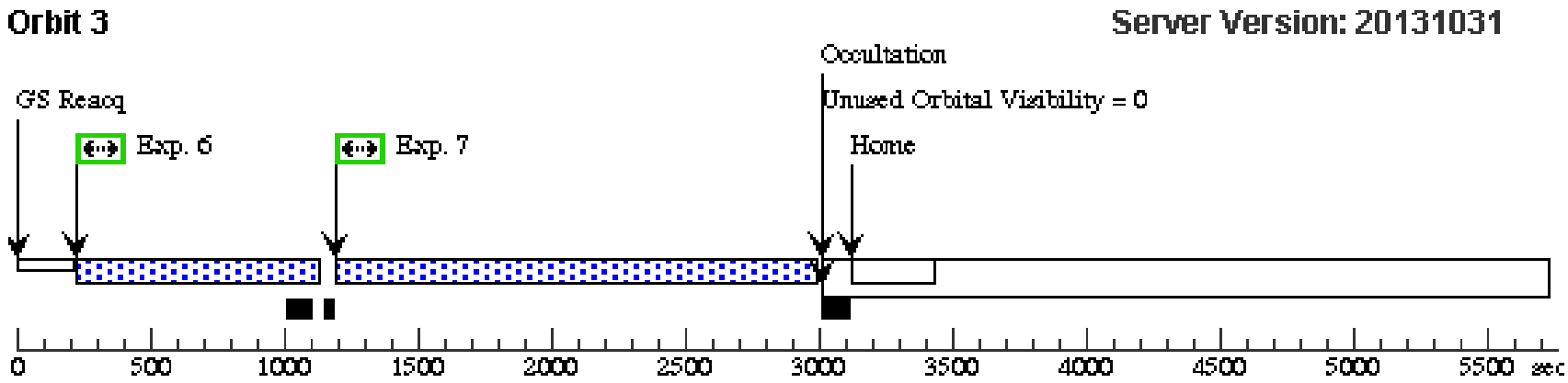
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	IR-Com ACQ/PEAKXD (COS.sa.433097)	(71) TARGET32-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		PHASE 0.15 TO 0.80		40 Secs (40 Secs) *[==>]*	*[1]*
2	IR-Com ACQ/PEAKD (COS.sa.433097)	(71) TARGET32-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			40 Secs (40 Secs) *[==>]*	*[1]*
3	IR-Com FP-1 (COS.sp.415696)	(71) TARGET32-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1627; FP-POS=1; FLASH=YES	NEW OBSET		1627 Secs (1627 Secs) *[==>]*	*[1]*
4	IR-Com FP-2 (COS.sp.415696)	(71) TARGET32-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1649; FP-POS=2; FLASH=YES			1749 Secs (1749 Secs) *[==>]*	*[2]*
5	IR-Com FP-3 (COS.sp.415696)	(71) TARGET32-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=875; FP-POS=3; FLASH=YES			875 Secs (875 Secs) *[==>]*	*[2]*
6	IR-Com FP-3 (COS.sp.415696)	(71) TARGET32-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	IR-Com FP-4 (COS.sp.415696)	(71) TARGET32-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, BD-Pav (17), completed Tue Mar 11 01:28:17 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 05-MAR-2013:00:00:00 AND 20-OCT-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(BD-Pav (17)) Warning (Orbit Planner): VISIBILITY OVERRUN

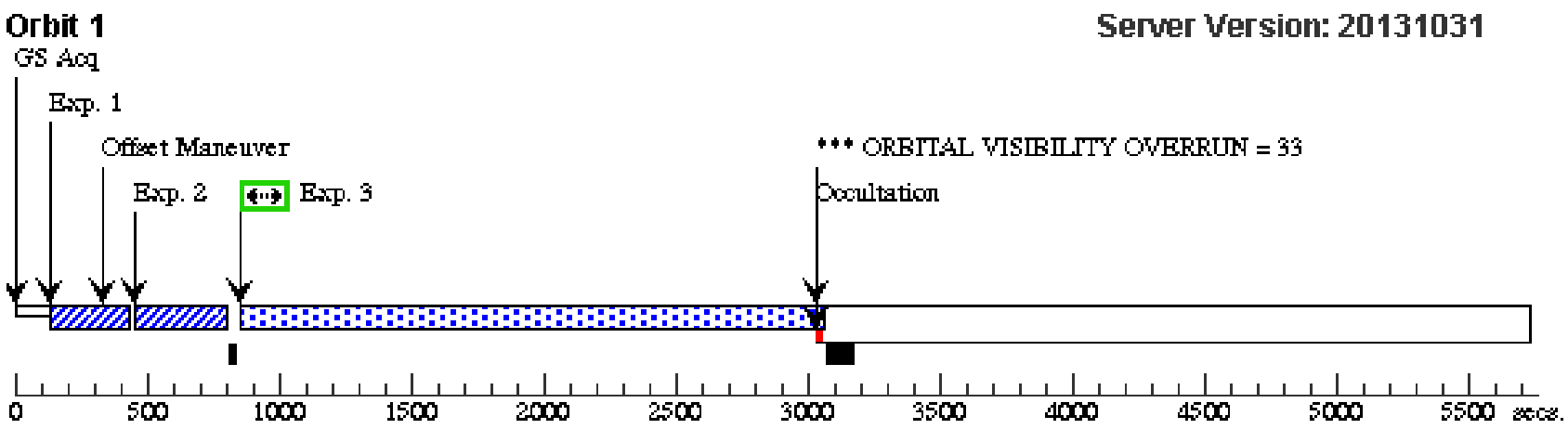
Fixed Targets

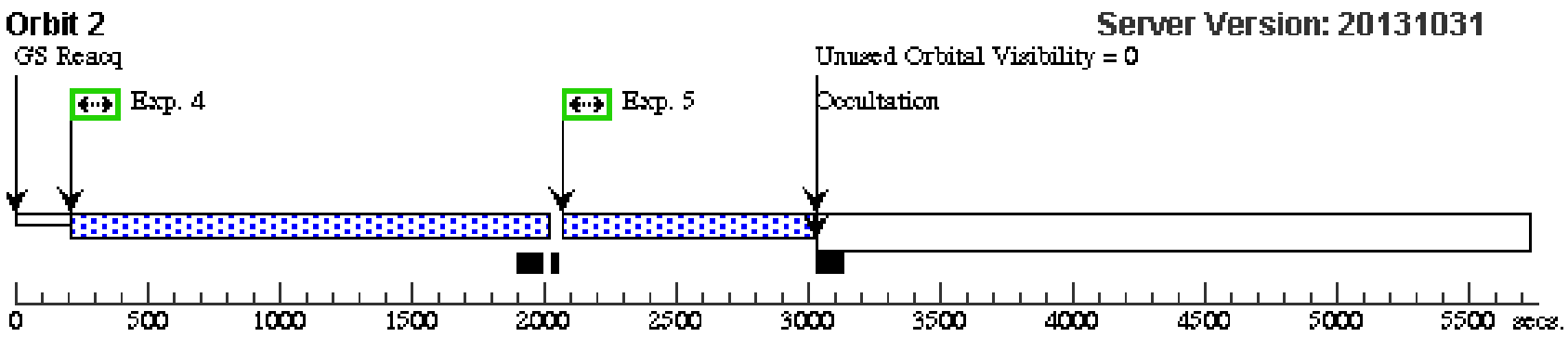
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(55)	BD-PAV	RA: 18 43 11.9190 (280.7996625d) Dec: -57 30 44.85 (-57.51246d) Equinox: J2000	Proper Motion RA: 29.1 mas/yr Proper Motion Dec: -22.0 mas/yr Epoch of Position: 2000.0	V=15.4+/-0.3	Reference Frame: ICRS

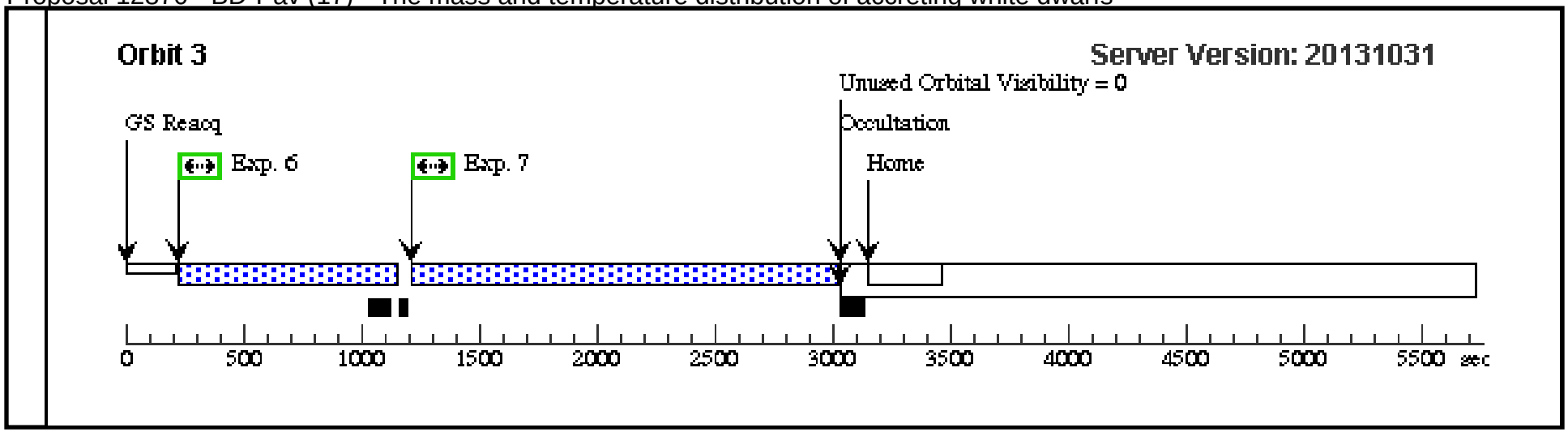
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BD-Pav ACQ/PEAKXD (COS.sa.433098)	(55) BD-PAV	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V17SAF		40 Secs (40 Secs) *[==>]*	*[1]*
2	BD-Pav ACQ/PEAKD (COS.sa.433098)	(55) BD-PAV	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V17SAF		40 Secs (40 Secs) *[==>]*	*[1]*
3	BP-Pav FP-1 (COS.sp.415742)	(55) BD-PAV	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2088; FP-POS=1; FLASH=YES	USE OFFSET V17SAF		2088 Secs (2088 Secs) *[==>]*	*[1]*
4	BP-Pav FP-2 (COS.sp.415742)	(55) BD-PAV	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1653; FP-POS=2; FLASH=YES	USE OFFSET V17SAF		1753 Secs (1753 Secs) *[==>]*	*[2]*
5	BP-Pav FP-3 (COS.sp.415742)	(55) BD-PAV	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=895; FP-POS=3; FLASH=YES	USE OFFSET V17SAF		895 Secs (895 Secs) *[==>]*	*[2]*
6	BP-Pav FP-3 (COS.sp.415742)	(55) BD-PAV	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=776; FP-POS=3; FLASH=YES	USE OFFSET V17SAF		876 Secs (876 Secs) *[==>]*	*[3]*
7	BP-Pav FP-4 (COS.sp.415742)	(55) BD-PAV	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1762; FP-POS=4; FLASH=YES	USE OFFSET V17SAF		1762 Secs (1762 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 6
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, BD-Pav-BOP-ONLY (B3), withdrawn Tue Mar 11 01:28:18 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 05-MAR-2013:00:00:00 AND 20-OCT-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

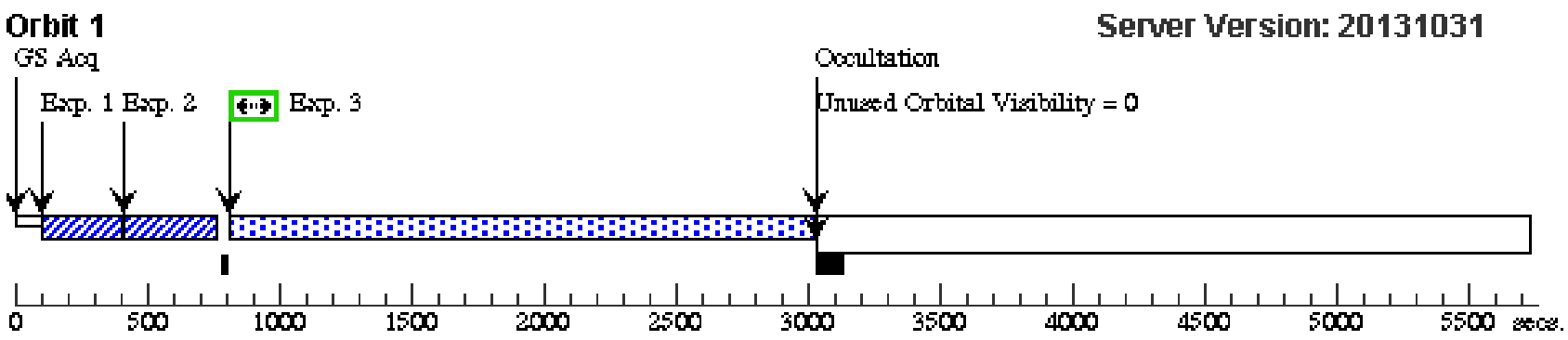
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(55)	BD-PAV	RA: 18 43 11.9190 (280.7996625d) Dec: -57 30 44.85 (-57.51246d) Equinox: J2000	Proper Motion RA: 29.1 mas/yr Proper Motion Dec: -22.0 mas/yr Epoch of Position: 2000.0	V=15.4+/-0.3	Reference Frame: ICRS
(89)	TARGET55-SAFE-TARGET	Offset from BD-PAV RA Offset: 0.22 Secs Dec Offset: 9.701 Arcsec		V=15.4+/-0.3	Offset Position (TARGET55-SAFE-TARGET)

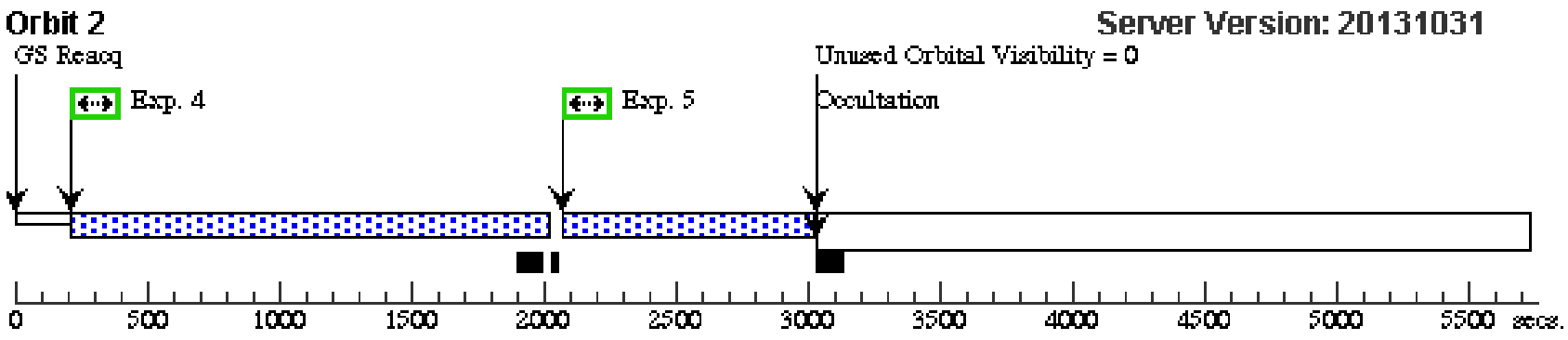
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.875 arcseconds away at a PA 10.8 degrees from BD-PAV.

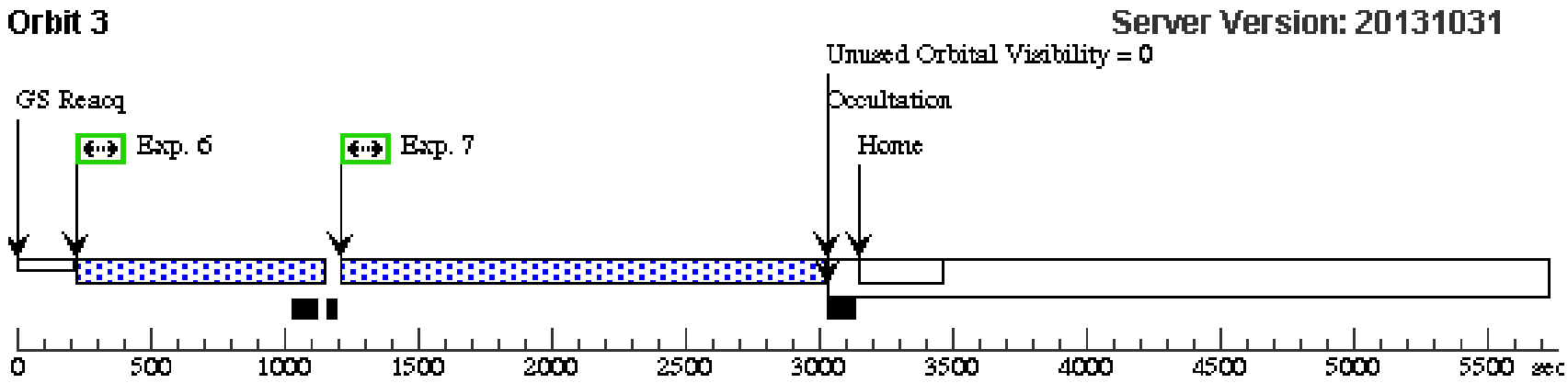
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BD-Pav ACQ/PEAKXD (COS.sa.433098)	(89) TARGET55-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				40 Secs (40 Secs) *[==>]*	*[1]*
2	BD-Pav ACQ/PEAKD (COS.sa.433098)	(89) TARGET55-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			40 Secs (40 Secs) *[==>]*	*[1]*
3	BP-Pav FP-1 (COS.sp.415742)	(89) TARGET55-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2088; FP-POS=1; FLASH=YES			2088 Secs (2088 Secs) *[==>]*	*[1]*
4	BP-Pav FP-2 (COS.sp.415742)	(89) TARGET55-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1653; FP-POS=2; FLASH=YES			1753 Secs (1753 Secs) *[==>]*	*[2]*
5	BP-Pav FP-3 (COS.sp.415742)	(89) TARGET55-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=895; FP-POS=3; FLASH=YES			895 Secs (895 Secs) *[==>]*	*[2]*
6	BP-Pav FP-3 (COS.sp.415742)	(89) TARGET55-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=776; FP-POS=3; FLASH=YES			876 Secs (876 Secs) *[==>]*	*[3]*
7	BP-Pav FP-4 (COS.sp.415742)	(89) TARGET55-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1762; FP-POS=4; FLASH=YES			1762 Secs (1762 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, SDSS1544+2553 (18), completed Tue Mar 11 01:28:19 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 65D TO 305 D; BETWEEN 10-JAN-2013:00:00:00 AND 05-SEP-2013:00:00:00; Period 0.251282 D AND ZERO-PHASE HJD2454878.0062

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Note from PC: This system requires multiple obsets.

SQL resquired for SI States. See exposure comments.

This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

Fixed Targets

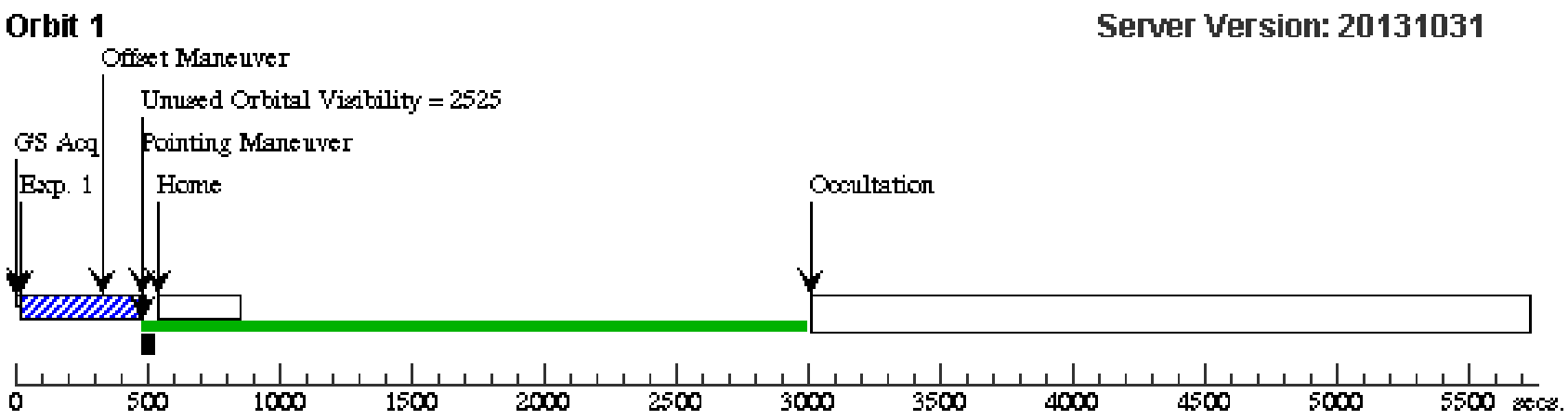
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(37)	SDSS1544+2553	RA: 15 44 53.6000 (236.2233333d) Dec: +25 53 48.90 (25.89692d) Equinox: J2000	Proper Motion RA: 10.5 mas/yr Proper Motion Dec: -7.9 mas/yr Epoch of Position: 2000.0	V=16.9+/-0.3	Reference Frame: ICRS

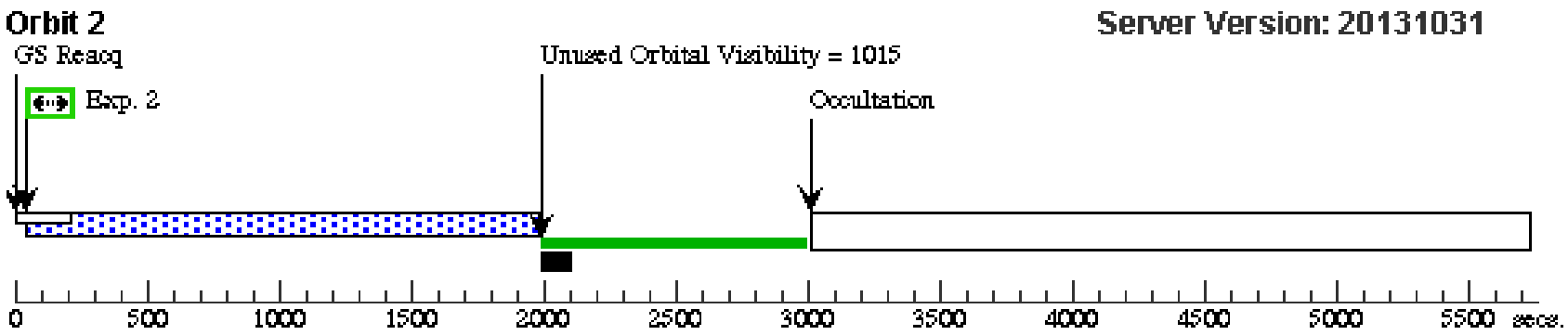
Comments: SWIFT observed SDSS1544+2553 on 2012/12/19 in the UVM2 filter for a total of 873s. We measure a flux of 3.69 +/- 0.22 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A.

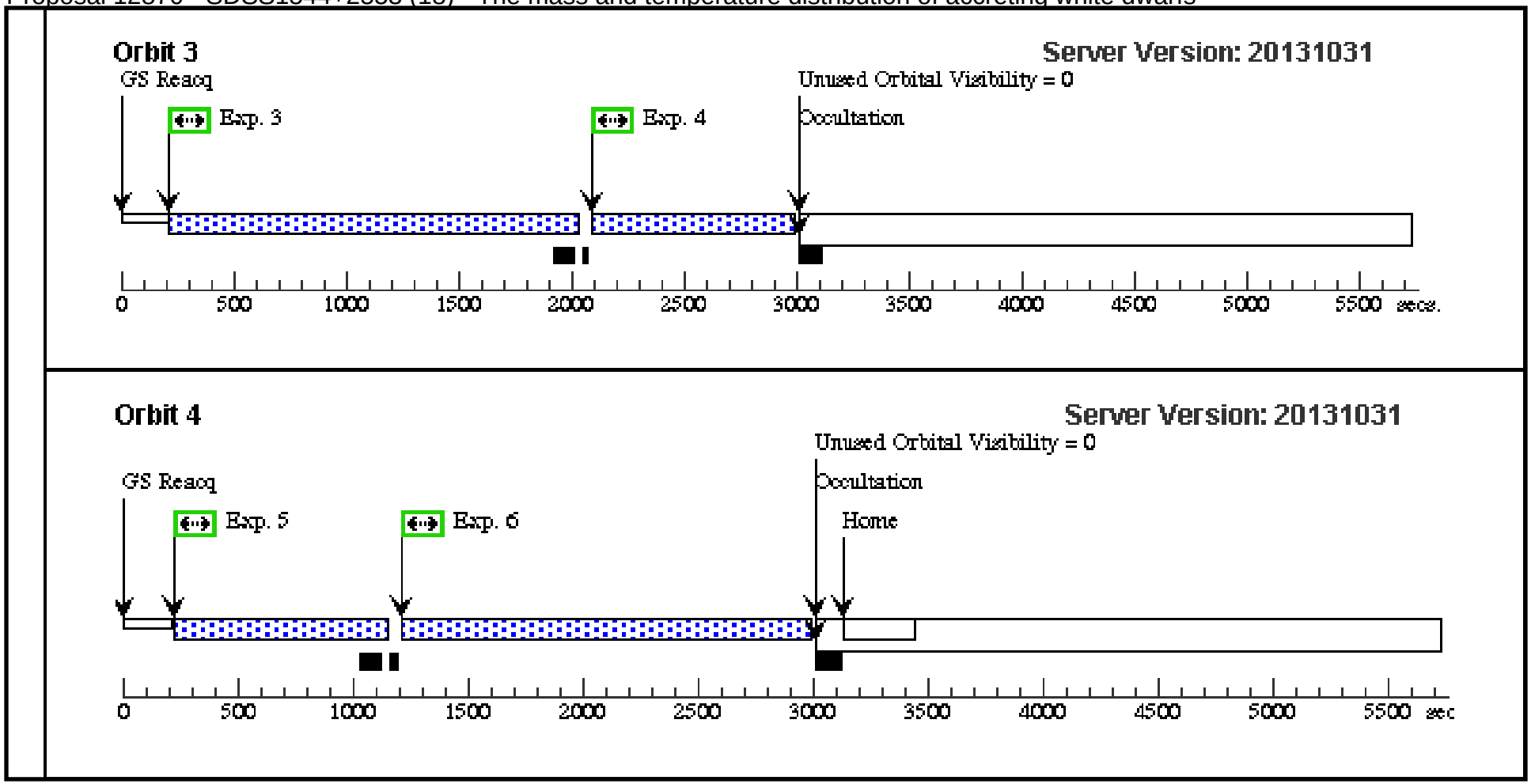
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1544+2553 ACQ (COS.ta.454241)	(37) SDSS1544+2553	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		PHASE 0.15 TO 0.80; USE OFFSET V18SAF; QASISTATES COS FUV HVSEGA HVSEGA	Same Guide Stars in SDSS1544+2553 (18)	25 Secs (25 Secs) *[==>]*	*[1]*
	Comments: SQL is required to add the FUV HVSEGA state to the dump and home alignments following this exposure.								
2	SDSS1544+2553 FP-1 (COS.sp.415929)	(37) SDSS1544+2553	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1625; FP-POS=1; FLASH=YES	USE OFFSET V18SAF; NEW OBSET; QASISTATES COS NUV HVON HVON	Same Guide Stars in SDSS1544+2553 (18)	1710 Secs (1710 Secs) *[==>]*	*[2]*
	Comments: SQL is required to add the NUV HVON state to the dump alignment following this exposure.								
3	SDSS1544+2553 FP-2 (COS.sp.415929)	(37) SDSS1544+2553	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1670; FP-POS=2; FLASH=YES	USE OFFSET V18SAF	Same Guide Stars in SDSS1544+2553 (18)	1770 Secs (1770 Secs) *[==>]*	*[3]*
4	SDSS1544+2553 FP-3 (COS.sp.415929)	(37) SDSS1544+2553	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=852; FP-POS=3; FLASH=YES	USE OFFSET V18SAF	Same Guide Stars in SDSS1544+2553 (18)	852 Secs (852 Secs) *[==>]*	*[3]*
5	SDSS1544+2553 FP-3 (COS.sp.415929)	(37) SDSS1544+2553	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=783; FP-POS=3; FLASH=YES	USE OFFSET V18SAF	Same Guide Stars in SDSS1544+2553 (18)	883 Secs (883 Secs) *[==>]*	*[4]*
6	SDSS1544+2553 FP-4 (COS.sp.415929)	(37) SDSS1544+2553	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1700; FP-POS=4; FLASH=YES	USE OFFSET V18SAF	Same Guide Stars in SDSS1544+2553 (18)	1729 Secs (1729 Secs) *[==>]*	*[4]*

Orbit Structure






Orbit 3
Server Version: 20131031
GS Reacq
Exp. 3
Exp. 4
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 4
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Occultation
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS1544+2553-BOP-ONLY (93), withdrawn Tue Mar 11 01:28:20 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 65D TO 305 D; BETWEEN 10-JAN-2013:00:00:00 AND 05-SEP-2013:00:00:00; Period 0.251282 D AND ZERO-PHASE HJD2454878.0062

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Note from PC: This system requires multiple obsets.

SQL resquired for SI States. See exposure comments.

This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

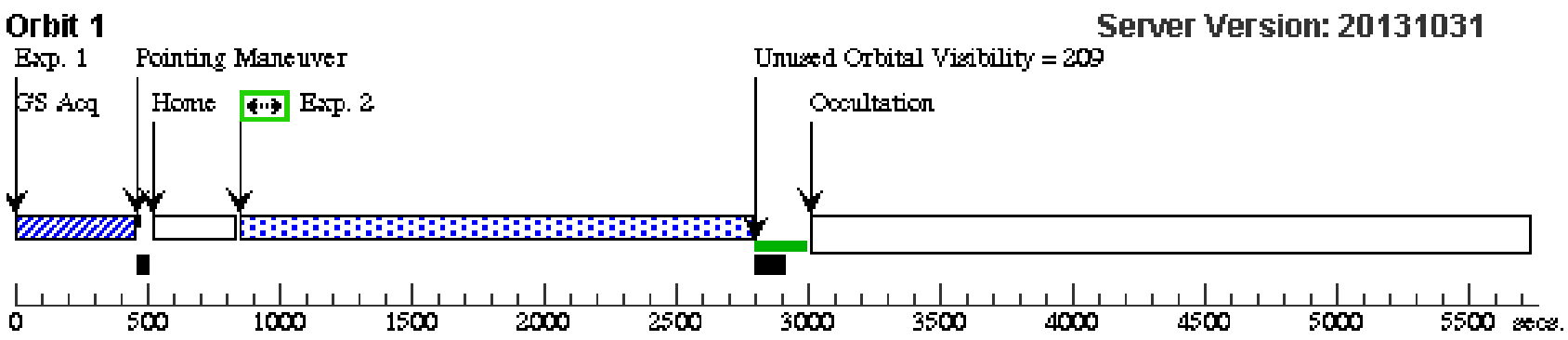
Fixed Targets

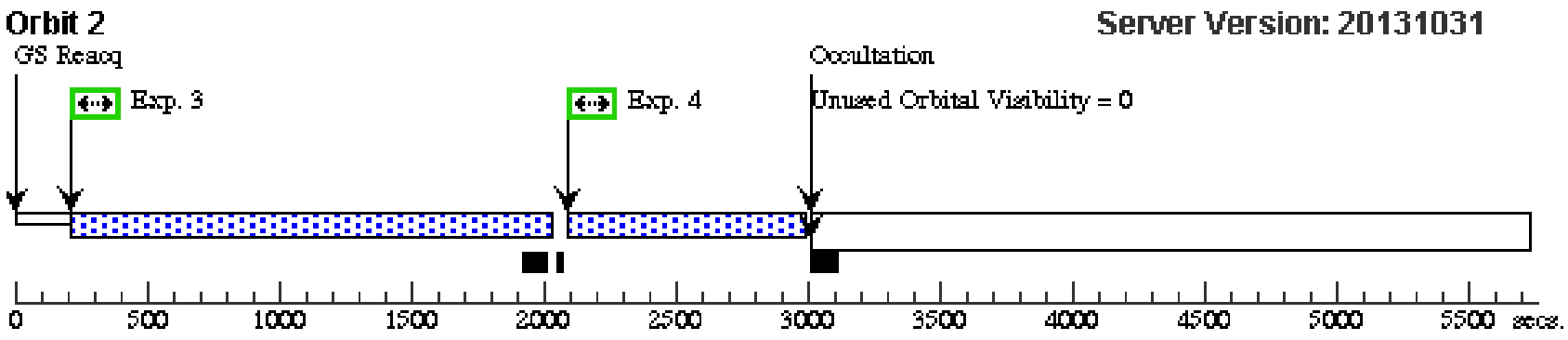
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(37)	SDSS1544+2553	RA: 15 44 53.6000 (236.2233333d) Dec: +25 53 48.90 (25.89692d) Equinox: J2000	Proper Motion RA: 10.5 mas/yr Proper Motion Dec: -7.9 mas/yr Epoch of Position: 2000.0	V=16.9+/-0.3	Reference Frame: ICRS
Comments: SWIFT observed SDSS1544+2553 on 2012/12/19 in the UVM2 filter for a total of 873s. We measure a flux of 3.69 +/- 0.22 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A.					
(83)	TARGET37-SAFE-TARGET	Offset from SDSS1544+2553 RA Offset: -0.49 Secs Dec Offset: -6.237 Arcsec		V=16.9+/-0.3	Offset Position (TARGET37-SAFE-TARGET)
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.094 arcseconds away at a PA 226.7 degrees from SDSS1544+2553.					

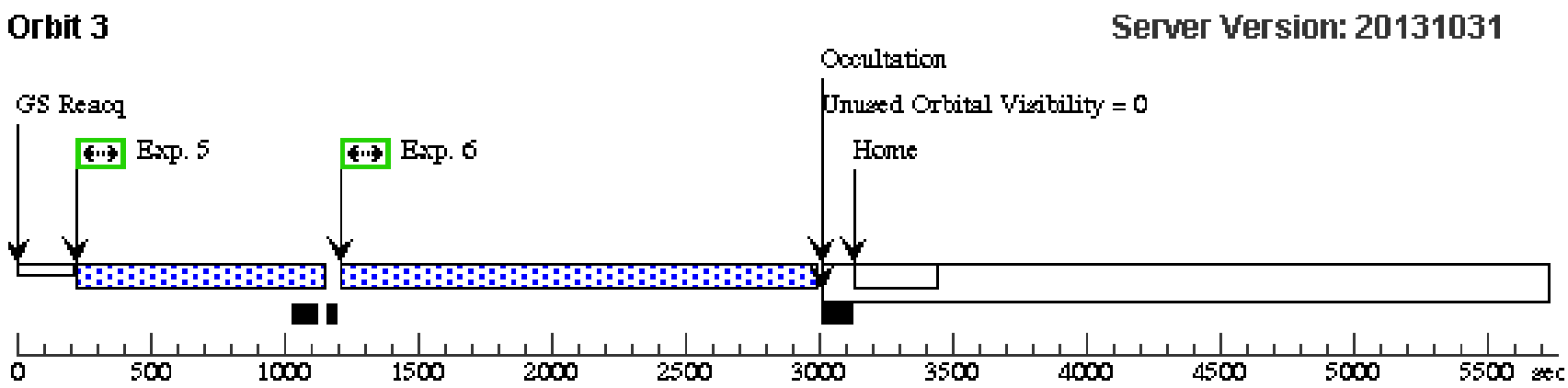
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1544+2553 ACQ (COS.ta.454241)	(83) TARGET37-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		PHASE 0.15 TO 0.80; QASISTATES COS FUV HVSEGA HVSEGA	Same Guide Stars in SDSS1544+2553-BOP-ONLY (93)	25 Secs (25 Secs) *[==>]*	*[1]*
Comments: SQL is required to add the FUV HVSEGA state to the dump and home alignments following this exposure.									
2	SDSS1544+2553 FP-1 (COS.sp.415929)	(83) TARGET37-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1625; FP-POS=1; FLASH=YES	NEW OBSET; QASISTATES COS NUV HVON HVON	Same Guide Stars in SDSS1544+2553-BOP-ONLY (93)	1710 Secs (1710 Secs) *[==>]*	*[1]*
Comments: SQL is required to add the NUV HVON state to the dump alignment following this exposure.									
3	SDSS1544+2553 FP-2 (COS.sp.415929)	(83) TARGET37-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1670; FP-POS=2; FLASH=YES		Same Guide Stars in SDSS1544+2553-BOP-ONLY (93)	1770 Secs (1770 Secs) *[==>]*	*[2]*
4	SDSS1544+2553 FP-3 (COS.sp.415929)	(83) TARGET37-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=852; FP-POS=3; FLASH=YES		Same Guide Stars in SDSS1544+2553-BOP-ONLY (93)	852 Secs (852 Secs) *[==>]*	*[2]*
5	SDSS1544+2553 FP-3 (COS.sp.415929)	(83) TARGET37-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=783; FP-POS=3; FLASH=YES		Same Guide Stars in SDSS1544+2553-BOP-ONLY (93)	883 Secs (883 Secs) *[==>]*	*[3]*
6	SDSS1544+2553 FP-4 (COS.sp.415929)	(83) TARGET37-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1700; FP-POS=4; FLASH=YES		Same Guide Stars in SDSS1544+2553-BOP-ONLY (93)	1729 Secs (1729 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, HS0218+3229 (19), completed Tue Mar 11 01:28:20 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 300D TO 160 D; BETWEEN 09-OCT-2012:00:00:00 AND 20-FEB-2013:00:00:00; BETWEEN 15-JUL-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This visit should be scheduled in evening-local time. The flags need to be cleared during the work day.

Diagnostics

(HS0218+3229 (19)) Warning (Orbit Planner): VISIBILITY OVERRUN

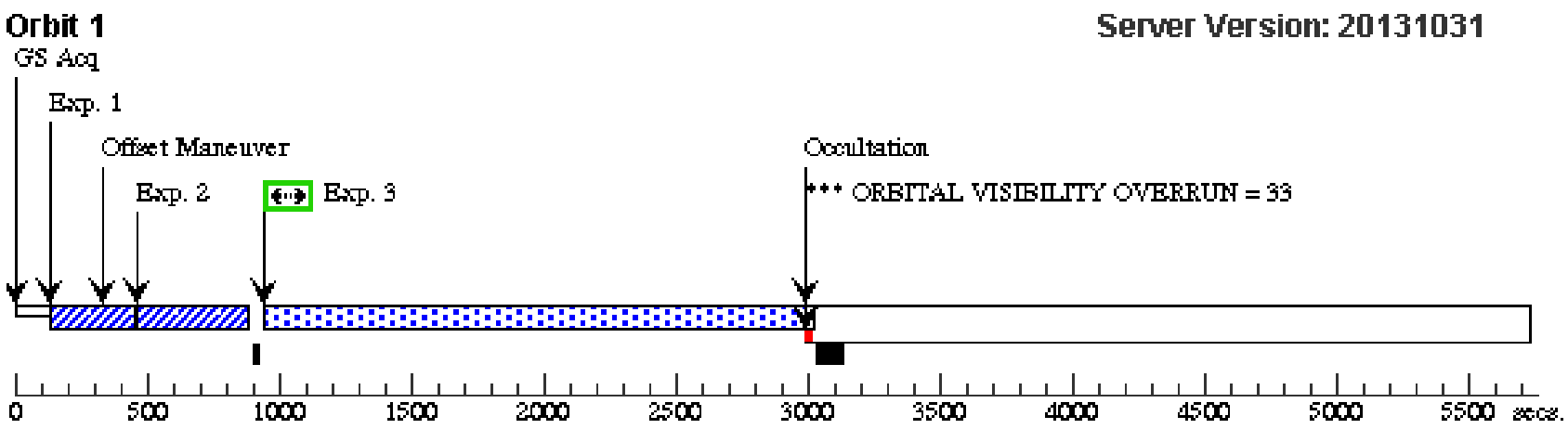
Fixed Targets

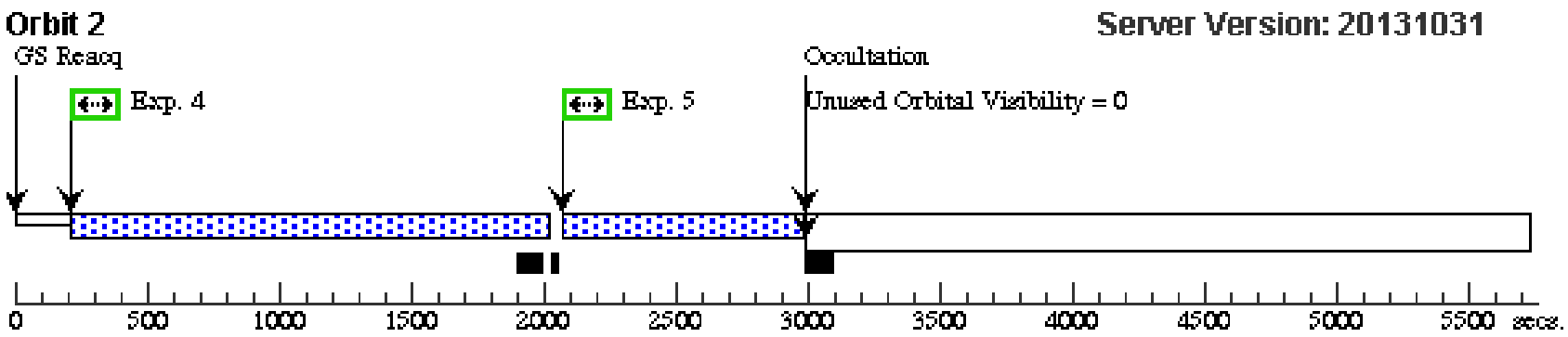
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	HS0218+3229	RA: 02 21 33.4800 (35.3895000d) Dec: +32 43 23.90 (32.72331d) Equinox: J2000	Proper Motion RA: -11.0 mas/yr Proper Motion Dec: -2.9 mas/yr Epoch of Position: 2000.0	V=15.5+/-0.3 GALEX FUV=150microJy GALEX NUV=220microJy	Reference Frame: ICRS

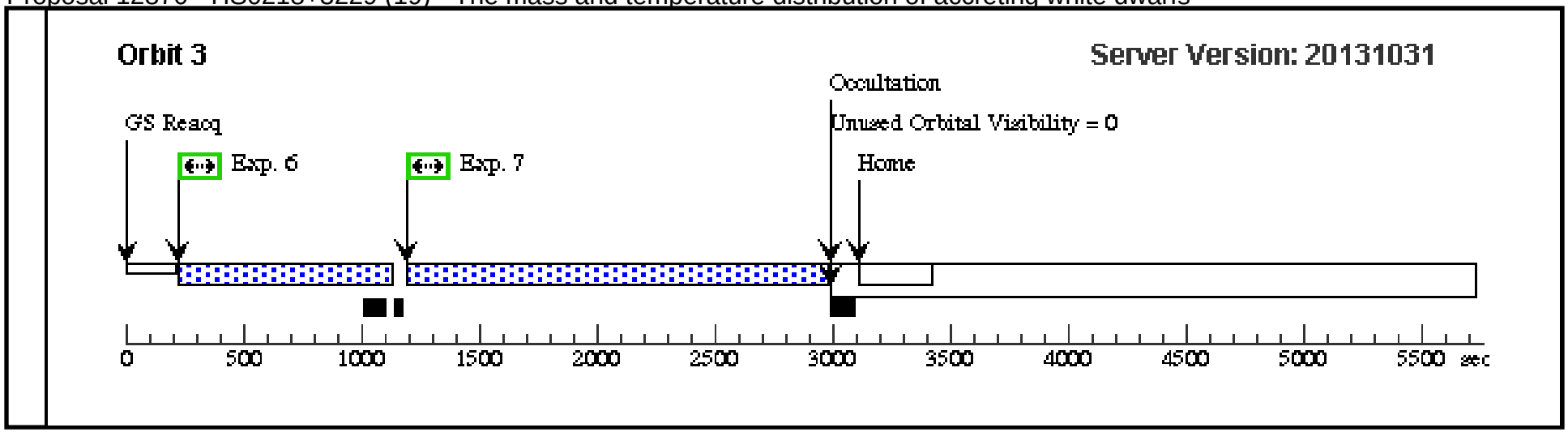
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	HS0218+3229 ACQ/PEAKXD (COS.sa.433098)	(6) HS0218+3229	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V19SAF		55 Secs (55 Secs) *[==>]*	*[1]*
2	HS0218+3229 ACQ/PEAKD (COS.sa.433098)	(6) HS0218+3229	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V19SAF		55 Secs (55 Secs) *[==>]*	*[1]*
3	HS0218+3229 FP-1 (COS.sp.415973)	(6) HS0218+3229	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1956; FP-POS=1; FLASH=YES	USE OFFSET V19SAF		1956 Secs (1956 Secs) *[==>]*	*[1]*
4	HS0218+3229 FP-2 (COS.sp.415973)	(6) HS0218+3229	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1653; FP-POS=2; FLASH=YES	USE OFFSET V19SAF		1753 Secs (1753 Secs) *[==>]*	*[2]*
5	HS0218+3229 FP-3 (COS.sp.415973)	(6) HS0218+3229	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=853; FP-POS=3; FLASH=YES	USE OFFSET V19SAF		853 Secs (853 Secs) *[==>]*	*[2]*
6	HS0218+3229 FP-3 (COS.sp.415973)	(6) HS0218+3229	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=756; FP-POS=3; FLASH=YES	USE OFFSET V19SAF		856 Secs (856 Secs) *[==>]*	*[3]*
7	HS0218+3229 FP-4 (COS.sp.415973)	(6) HS0218+3229	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1740; FP-POS=4; FLASH=YES	USE OFFSET V19SAF		1740 Secs (1740 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 6
Exp. 7
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, HS0218+3229-BOP-ONLY (79), withdrawn Tue Mar 11 01:28:21 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 300D TO 160 D; BETWEEN 09-OCT-2012:00:00:00 AND 20-FEB-2013:00:00:00; BETWEEN 15-JUL-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

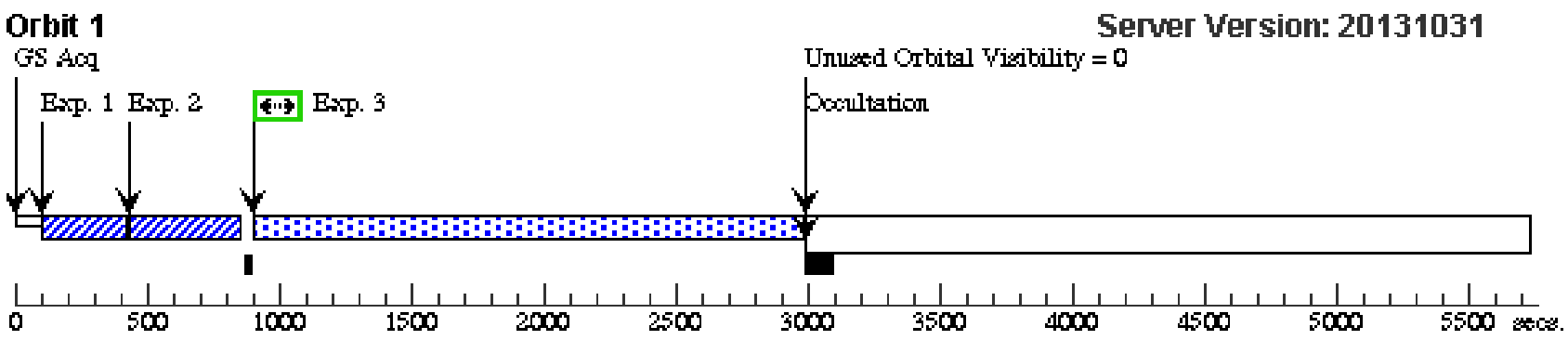
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	HS0218+3229	RA: 02 21 33.4800 (35.3895000d) Dec: +32 43 23.90 (32.72331d) Equinox: J2000	Proper Motion RA: -11.0 mas/yr Proper Motion Dec: -2.9 mas/yr Epoch of Position: 2000.0	V=15.5+/-0.3 GALEX FUV=150microJy GALEX NUV=220microJy	Reference Frame: ICRS
(66)	TARGET06-SAFE-TARGET	Offset from HS0218+3229 RA Offset: 0.69 Secs Dec Offset: 2.25 Arcsec		V=15.5+/-0.3	Offset Position (TARGET06-SAFE-TARGET)

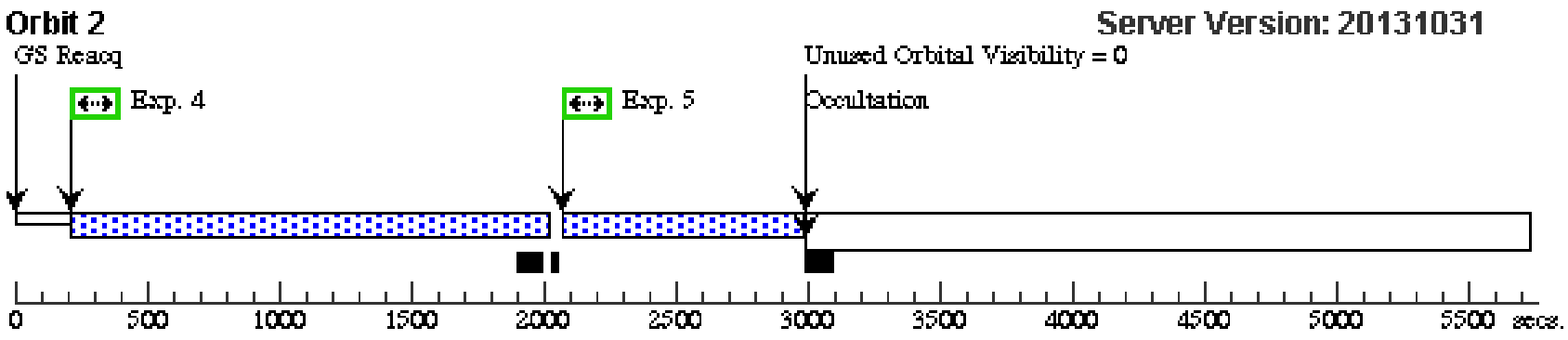
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.059 arcseconds away at a PA 75.6 degrees from HS0218+3229.

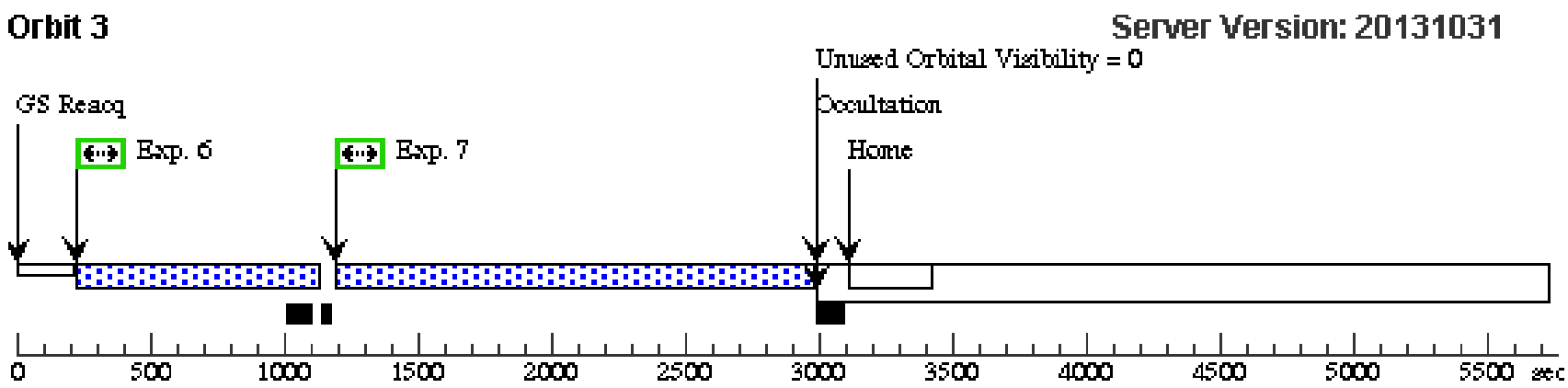
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	HS0218+3229 ACQ/PEAKXD (COS.sa.433098)	(66) TARGET06-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				55 Secs (55 Secs) *[==>]*	*[1]*
2	HS0218+3229 ACQ/PEAKD (COS.sa.433098)	(66) TARGET06-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			55 Secs (55 Secs) *[==>]*	*[1]*
3	HS0218+3229 FP-1 (COS.sp.415973)	(66) TARGET06-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1956; FP-POS=1; FLASH=YES			1956 Secs (1956 Secs) *[==>]*	*[1]*
4	HS0218+3229 FP-2 (COS.sp.415973)	(66) TARGET06-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1653; FP-POS=2; FLASH=YES			1753 Secs (1753 Secs) *[==>]*	*[2]*
5	HS0218+3229 FP-3 (COS.sp.415973)	(66) TARGET06-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=853; FP-POS=3; FLASH=YES			853 Secs (853 Secs) *[==>]*	*[2]*
6	HS0218+3229 FP-3 (COS.sp.415973)	(66) TARGET06-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=756; FP-POS=3; FLASH=YES			856 Secs (856 Secs) *[==>]*	*[3]*
7	HS0218+3229 FP-4 (COS.sp.415973)	(66) TARGET06-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1740; FP-POS=4; FLASH=YES			1740 Secs (1740 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, HM-Leo (20), completed Tue Mar 11 01:28:22 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 240D TO 135 D; BETWEEN 20-OCT-2012:00:00:00 AND 15-MAY-2013:00:00:00; ON HOLD

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

On Hold Comments: Needs further discussion of the target acq strategy

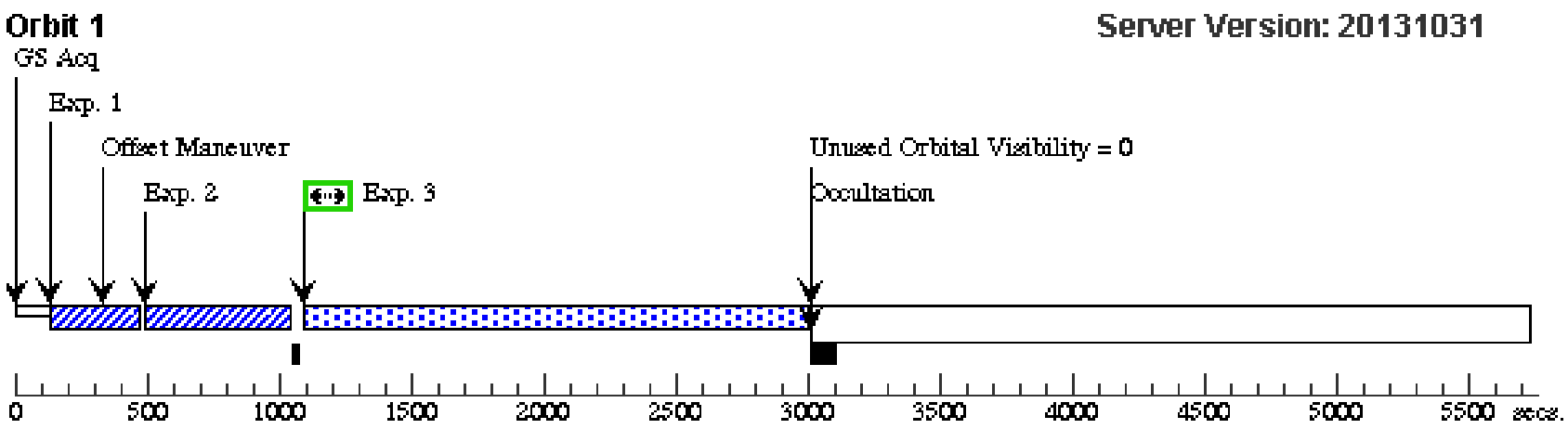
Fixed Targets

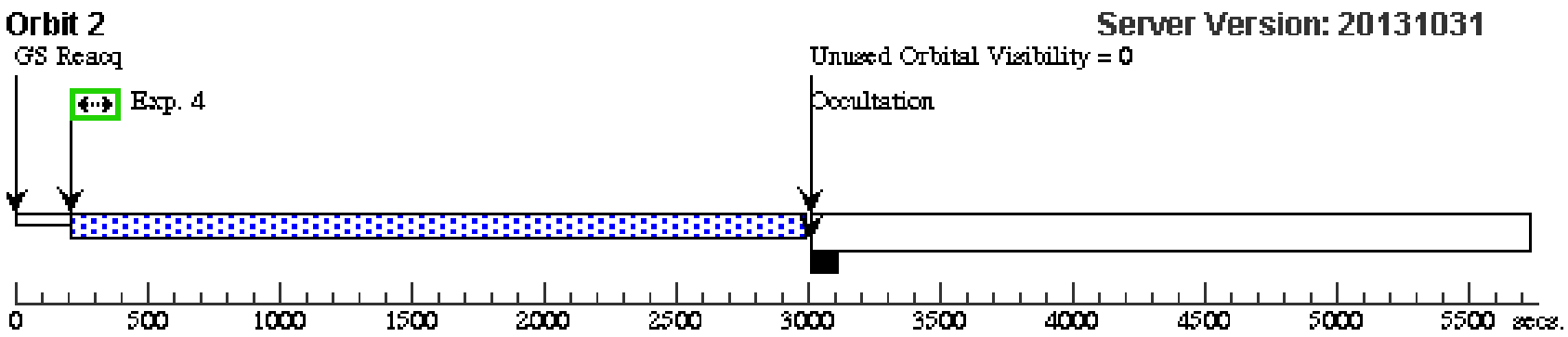
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(56)	HM-LEO	RA: 09 38 36.9900 (144.6541250d) Dec: +07 14 55.00 (7.24861d) Equinox: J2000	Proper Motion RA: 8.8 mas/yr Proper Motion Dec: -26.1 mas/yr Epoch of Position: 2000.0	V=17.5+/-0.3	Reference Frame: ICRS

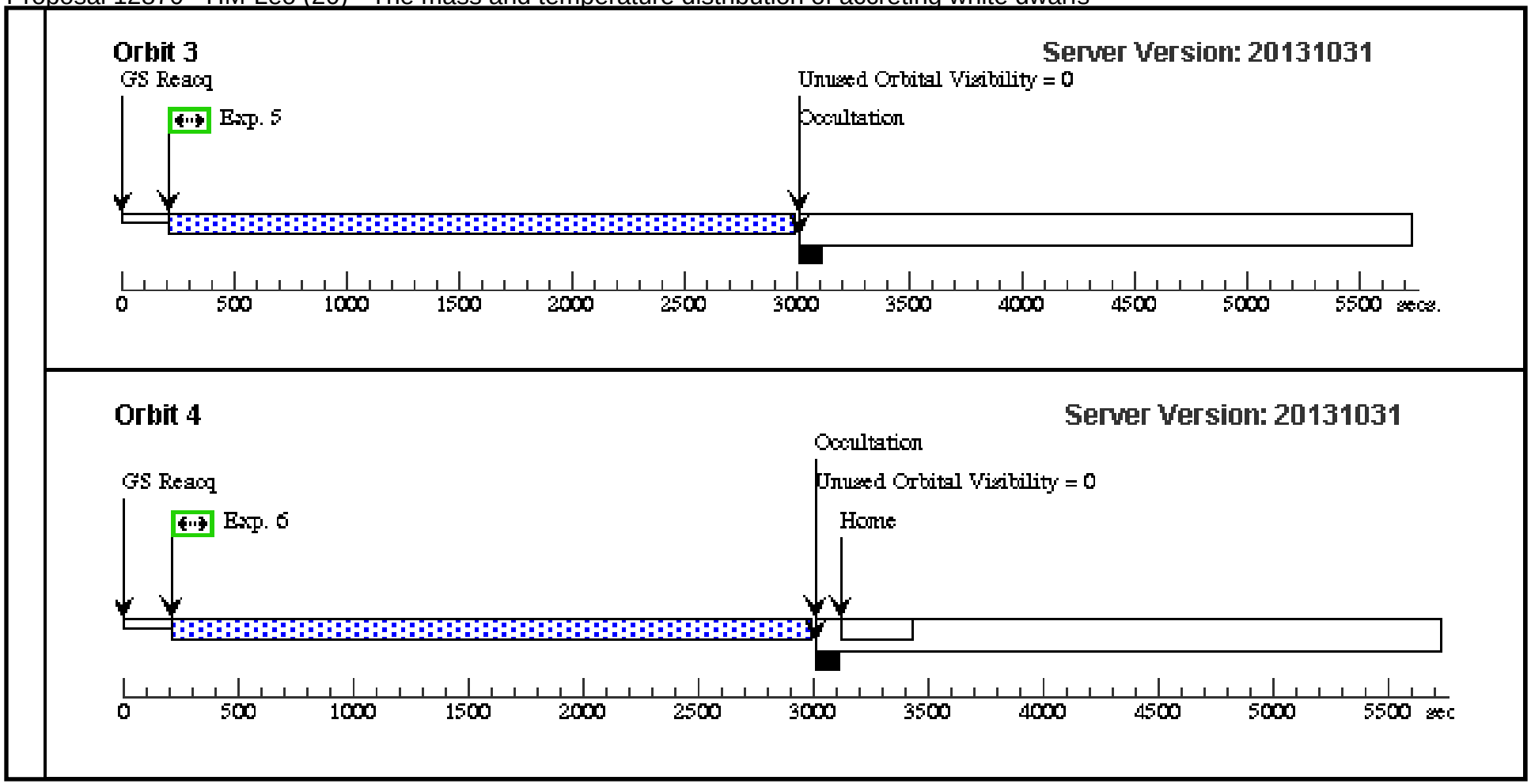
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	HM-Leo ACQ/PEAKXD (COS.sa.433079)	(56) HM-LEO	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V20S AF		80 Secs (80 Secs) *[==>]*	*[1]*
2	HM-Leo ACQ/PEAKD (COS.sa.433079)	(56) HM-LEO	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V20S AF		80 Secs (80 Secs) *[==>]*	*[1]*
3	HM-Leo FP-1 (COS.sp.415980)	(56) HM-LEO	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2017; FP-POS=1; FLASH=YES	USE OFFSET V20S AF		1791 Secs (1791 Secs) *[==>]*	*[1]*
4	HM-Leo FP-2 (COS.sp.415980)	(56) HM-LEO	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=2; FLASH=YES	USE OFFSET V20S AF		2729 Secs (2729 Secs) *[==>]*	*[2]*
5	HM-Leo FP-3 (COS.sp.415980)	(56) HM-LEO	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=3; FLASH=YES	USE OFFSET V20S AF		2729 Secs (2729 Secs) *[==>]*	*[3]*
6	HM-Leo FP-4 (COS.sp.415980)	(56) HM-LEO	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=4; FLASH=YES	USE OFFSET V20S AF		2729 Secs (2729 Secs) *[==>]*	*[4]*

Orbit Structure






Orbit 3
Server Version: 20131031
GS Reacq
Exp. 5
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 4
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, HM-Leo-BOP-ONLY (57), withdrawn Tue Mar 11 01:28:23 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 240D TO 135 D; BETWEEN 20-OCT-2012:00:00:00 AND 15-MAY-2013:00:00:00; ON HOLD

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

On Hold Comments: Needs further discussion of the target acq strategy

Fixed Targets

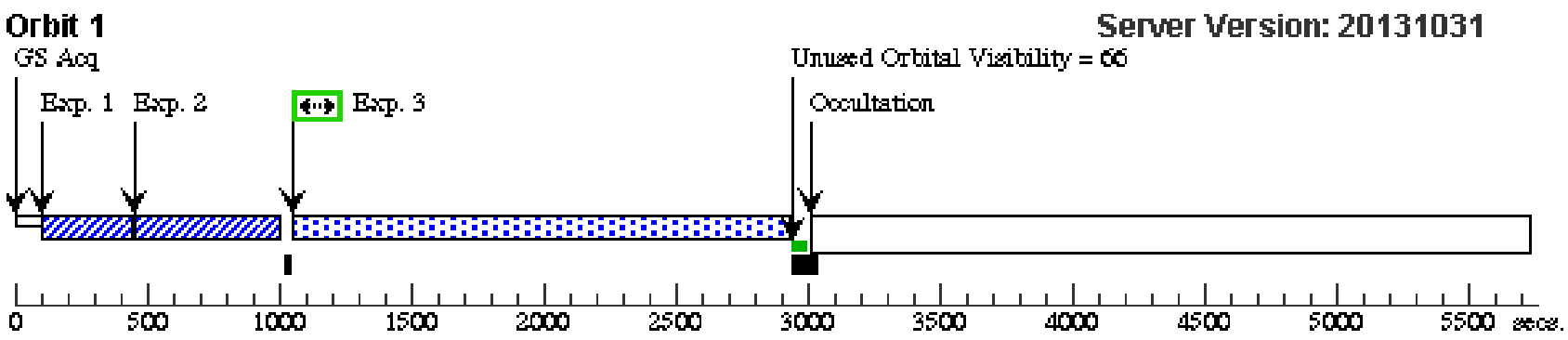
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(56)	HM-LEO	RA: 09 38 36.9900 (144.6541250d) Dec: +07 14 55.00 (7.24861d) Equinox: J2000	Proper Motion RA: 8.8 mas/yr Proper Motion Dec: -26.1 mas/yr Epoch of Position: 2000.0	V=17.5+/-0.3	Reference Frame: ICRS
(74)	TARGET56-SAFE-TARGET	Offset from HM-LEO RA Offset: 0.48 Secs Dec Offset: 5.333 Arcsec		V=17.5+/-0.3	Offset Position (TARGET56-SAFE-TARGET)

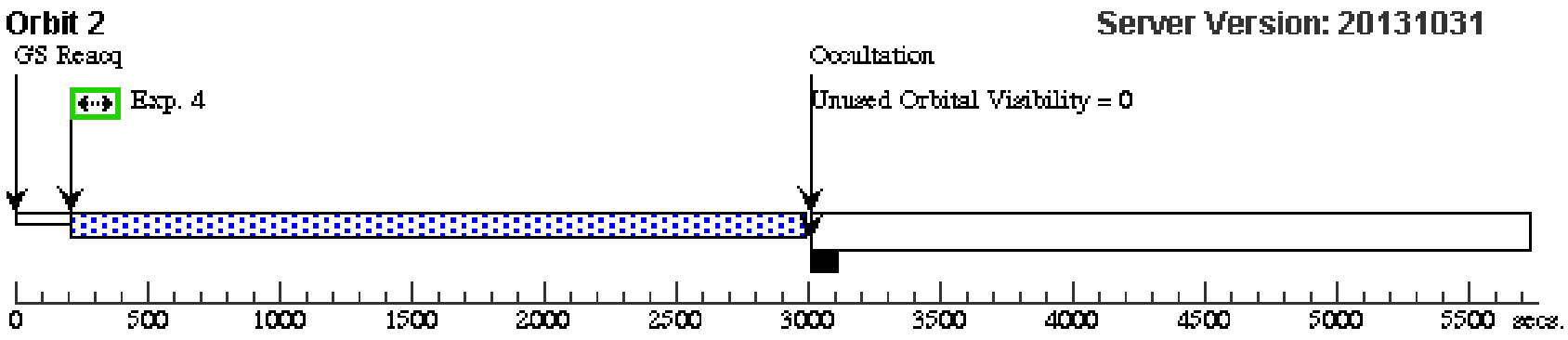
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.026 arcseconds away at a PA 53.8 degrees from HM-LEO.

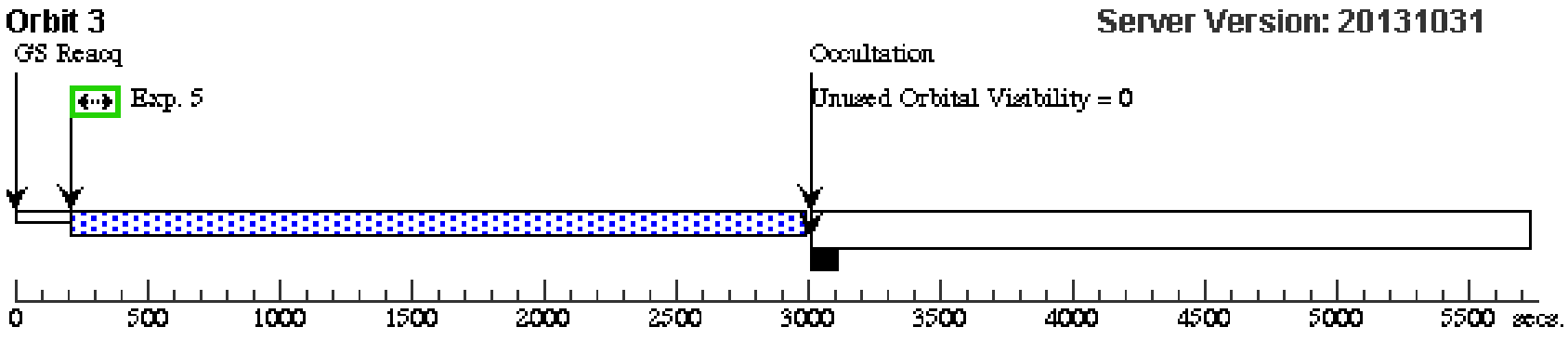
Exposures

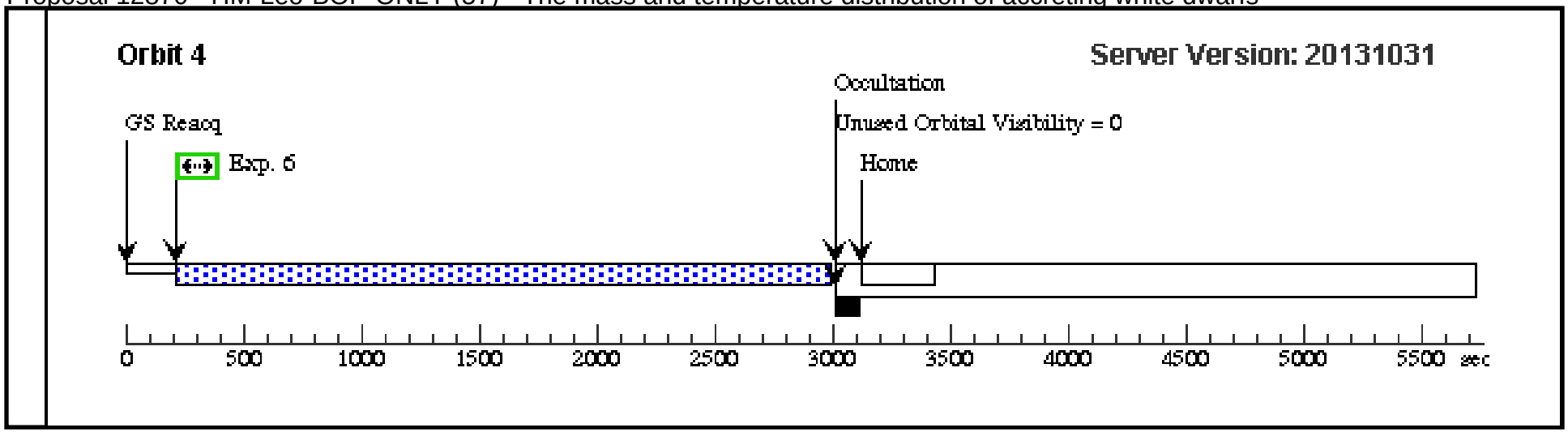
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	HM-Leo ACQ/PEAKXD (COS.sa.433079)	(74) TARGET56-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				80 Secs (80 Secs) *[==>]*	*[1]*
2	HM-Leo ACQ/PEAKD (COS.sa.433079)	(74) TARGET56-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			80 Secs (80 Secs) *[==>]*	*[1]*
3	HM-Leo FP-1 (COS.sp.415980)	(74) TARGET56-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2017; FP-POS=1; FLASH=YES			1758 Secs (1758 Secs) *[==>]*	*[1]*
4	HM-Leo FP-2 (COS.sp.415980)	(74) TARGET56-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=2; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	*[2]*
5	HM-Leo FP-3 (COS.sp.415980)	(74) TARGET56-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=3; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	*[3]*
6	HM-Leo FP-4 (COS.sp.415980)	(74) TARGET56-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=4; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	*[4]*

Orbit Structure








Orbit 4
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, RZ-Leo (21), completed Tue Mar 11 01:28:23 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 0D TO 250 D; BETWEEN 20-NOV-2012:00:00:00 AND 15-JUN-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(RZ-Leo (21)) Warning (Orbit Planner): VISIBILITY OVERRUN

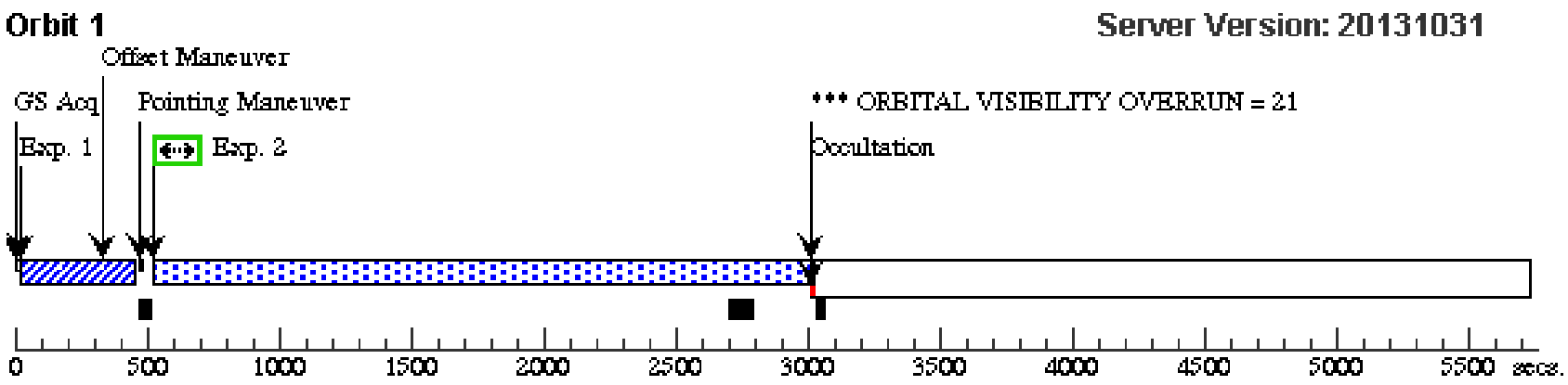
Fixed Targets

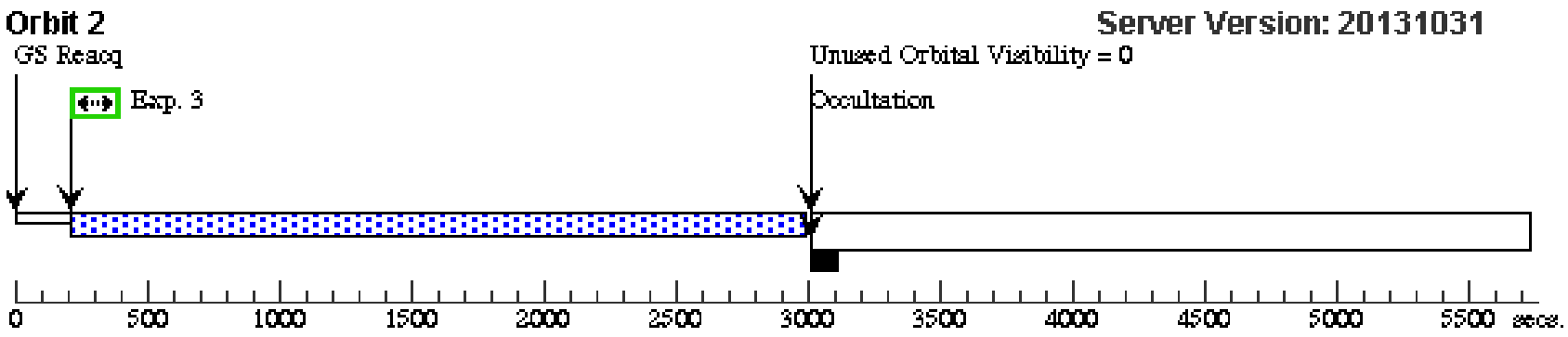
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(30)	RZ-LEO	RA: 11 37 22.2700 (174.3427917d) Dec: +01 48 58.60 (1.81628d) Equinox: J2000	Proper Motion RA: -61.7 mas/yr Proper Motion Dec: 11.4 mas/yr Epoch of Position: 2000.0	V=11.8+/-0.3 GALEX FUV= 90microJy GALEX NUV=100microJy	Reference Frame: ICRS

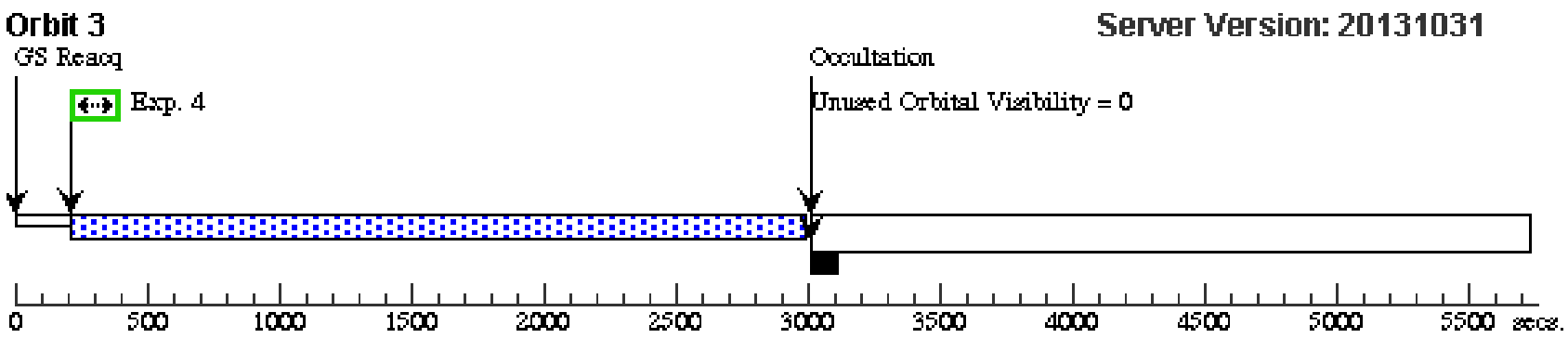
Exposures

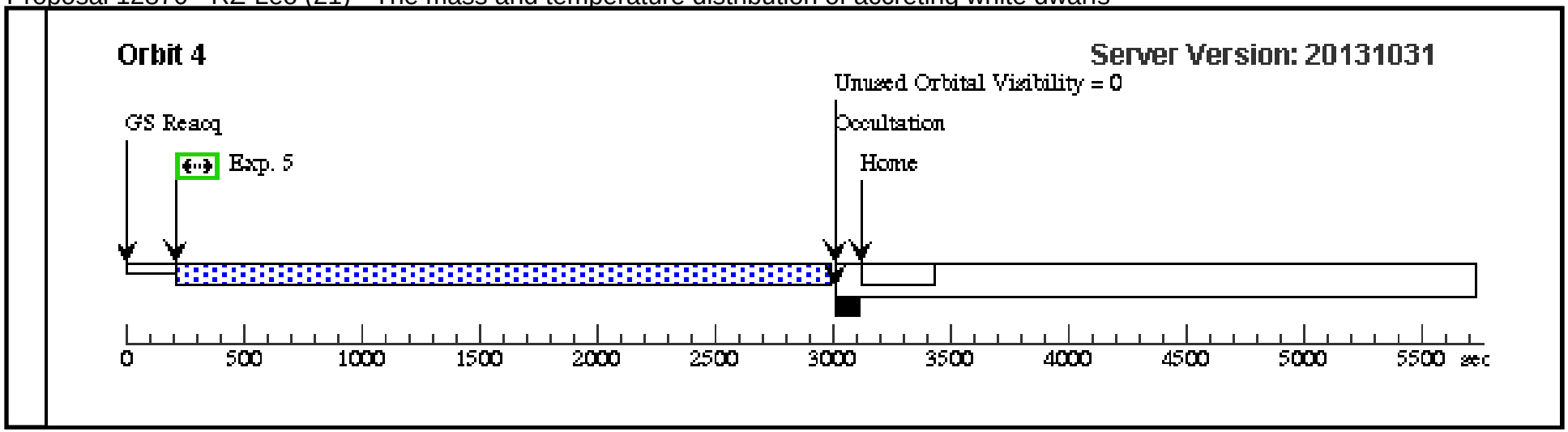
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	RZ-Leo ACQ (COS.ta.415993)	(30) RZ-LEO	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		USE OFFSET V21SAF		16 Secs (16 Secs) *[==>]*	*[1]*
2	RZ-Leo FP-1 (COS.sp.415992)	(30) RZ-LEO	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2017; FP-POS=1; FLASH=YES	USE OFFSET V21SAF		2317 Secs (2317 Secs) *[==>]*	*[1]*
3	RZ-Leo FP-2 (COS.sp.415992)	(30) RZ-LEO	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=2; FLASH=YES	USE OFFSET V21SAF		2729 Secs (2729 Secs) *[==>]*	*[2]*
4	RZ-Leo FP-3 (COS.sp.415992)	(30) RZ-LEO	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=3; FLASH=YES	USE OFFSET V21SAF		2729 Secs (2729 Secs) *[==>]*	*[3]*
5	RZ-Leo FP-4 (COS.sp.415992)	(30) RZ-LEO	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=4; FLASH=YES	USE OFFSET V21SAF		2729 Secs (2729 Secs) *[==>]*	*[4]*

Orbit Structure








Orbit 4
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Occultation
Home
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500
1000
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sec

Visit

Proposal 12870, RZ-Leo-BOP-ONLY (85), withdrawn Tue Mar 11 01:28:24 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 0D TO 250 D; BETWEEN 20-NOV-2012:00:00:00 AND 15-JUN-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

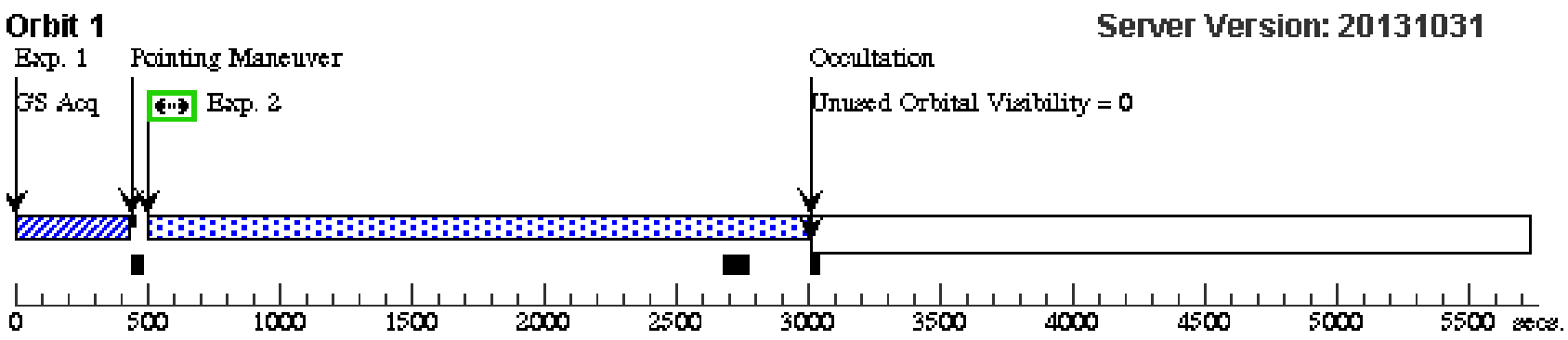
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(30)	RZ-LEO	RA: 11 37 22.2700 (174.3427917d) Dec: +01 48 58.60 (1.81628d) Equinox: J2000	Proper Motion RA: -61.7 mas/yr Proper Motion Dec: 11.4 mas/yr Epoch of Position: 2000.0	V=11.8+/-0.3 GALEX FUV= 90microJy GALEX NUV=100microJy	Reference Frame: ICRS
(80)	RZ-LEO-SAFE-TARGET	Offset from RZ-LEO RA Offset: 0.13 Secs Dec Offset: -8.937 Arcsec		V=11.8+/-0.3	Offset Position (RZ-LEO-SAFE-TARGET)

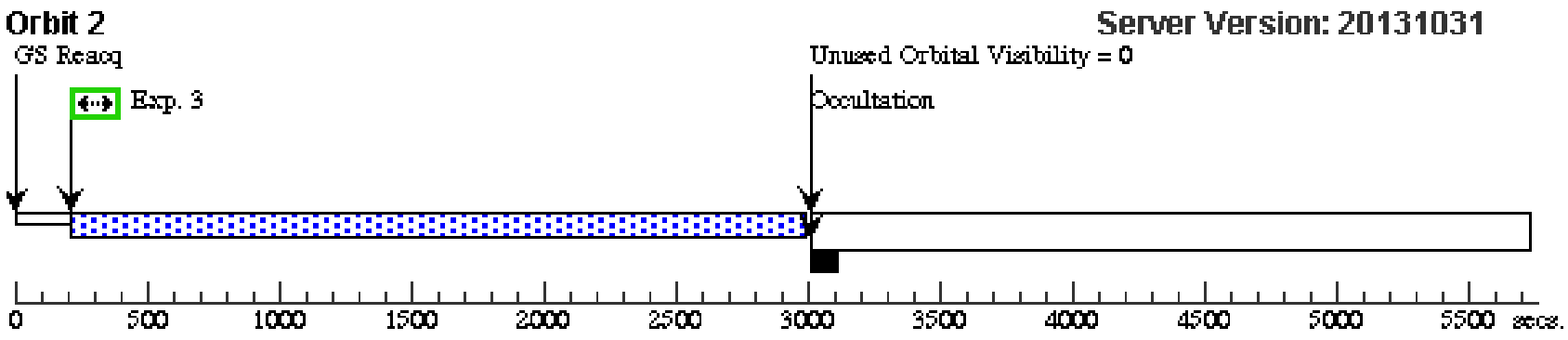
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.161 arcseconds away at a PA 167.3 degrees from RZ-LEO.

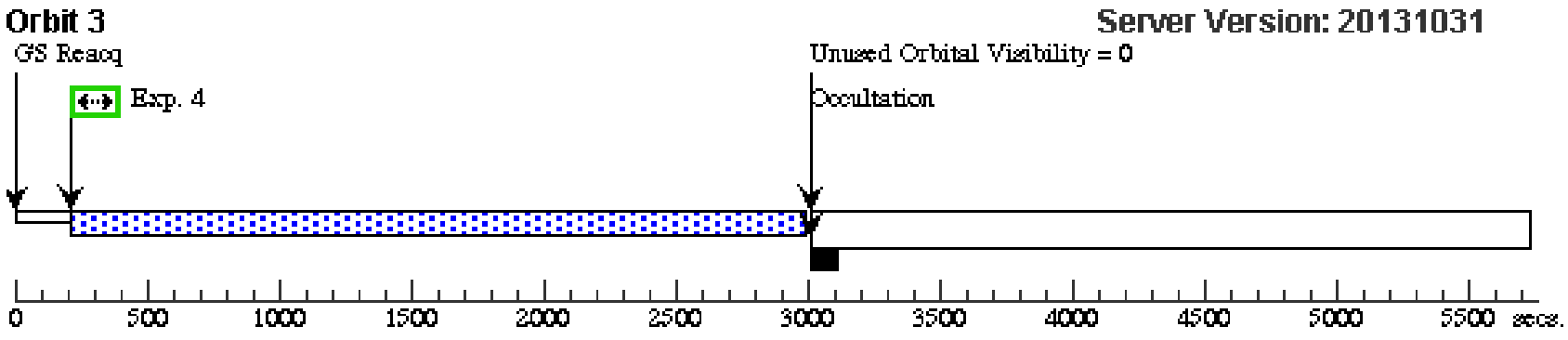
Exposures

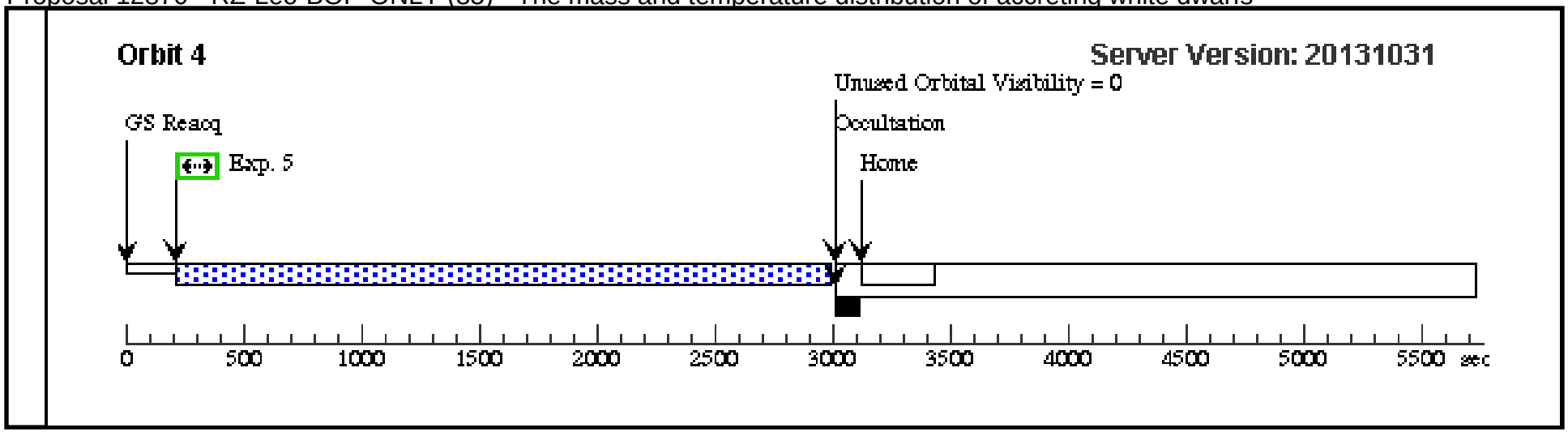
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	RZ-Leo ACQ (COS.ta.415993)	(80) RZ-LEO-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				16 Secs (16 Secs) *[==>]*	***[1]***
2	RZ-Leo FP-1 (COS.sp.415992)	(80) RZ-LEO-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2017; FP-POS=1; FLASH=YES			2317 Secs (2317 Secs) *[==>]*	***[1]***
3	RZ-Leo FP-2 (COS.sp.415992)	(80) RZ-LEO-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=2; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	***[2]***
4	RZ-Leo FP-3 (COS.sp.415992)	(80) RZ-LEO-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=3; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	***[3]***
5	RZ-Leo FP-4 (COS.sp.415992)	(80) RZ-LEO-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=4; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Occultation
Home
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sec

Visit

Proposal 12870, QZ-Ser (22), completed Tue Mar 11 01:28:25 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; BETWEEN 15-JAN-2013:00:00:00 AND 10-SEP-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(QZ-Ser (22)) Warning (Orbit Planner): VISIBILITY OVERRUN

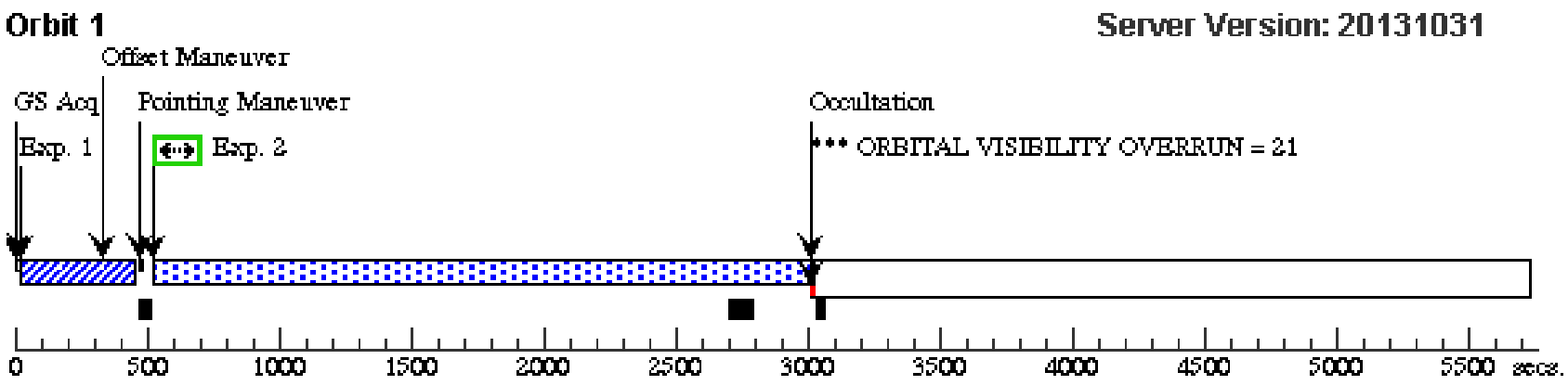
Fixed Targets

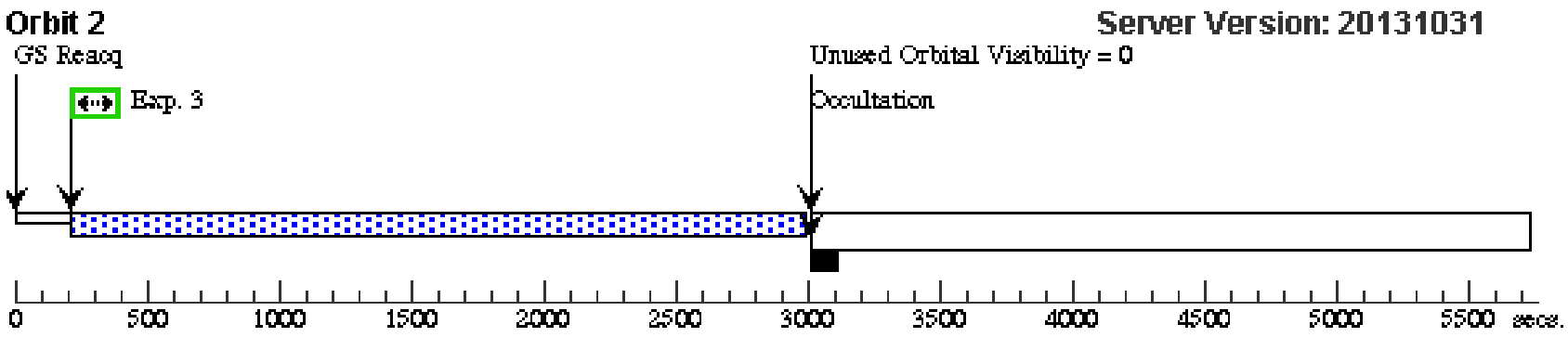
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	QZ-SER	RA: 15 56 54.4700 (239.2269583d) Dec: +21 07 19.00 (21.12194d) Equinox: J2000	Proper Motion RA: 6.7 mas/yr Proper Motion Dec: -9.2 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3 GALEX FUV=92microJy GALEX NUV=107microJy	Reference Frame: ICRS

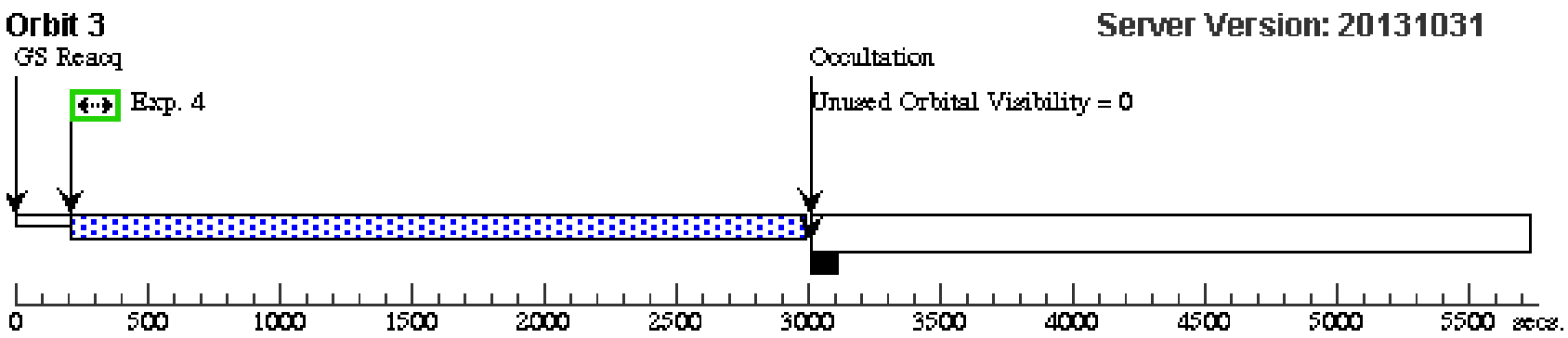
Exposures

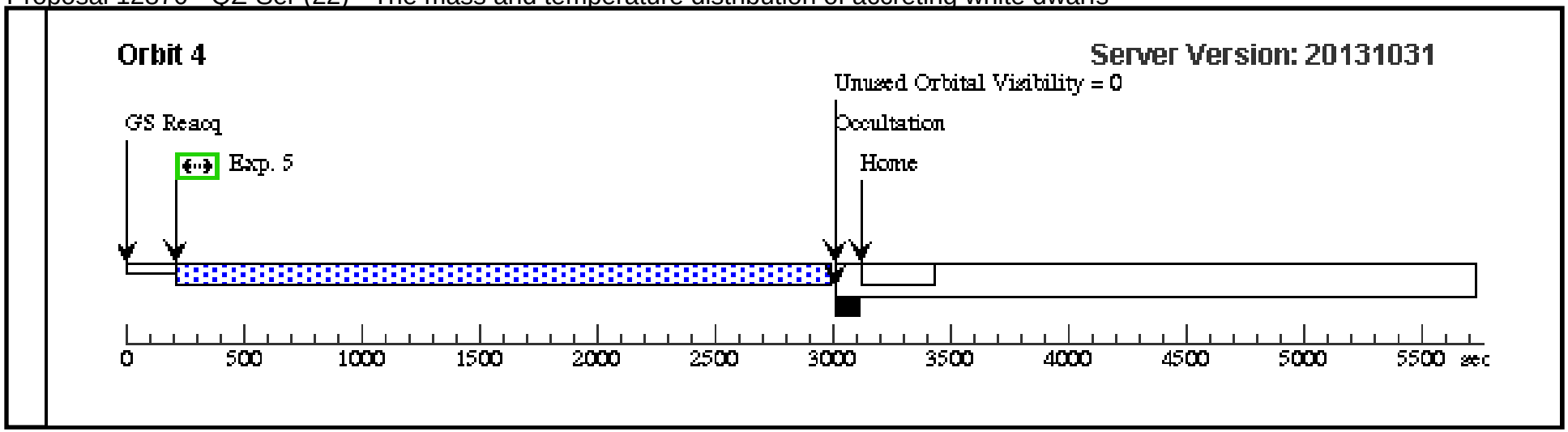
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	QZ-Ser ACQ (COS.ta.415996)	(38) QZ-SER	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		USE OFFSET V22SAF		16 Secs (16 Secs) *[==>]*	*[1]*
2	QZ-Ser FP-1 (COS.sp.415997)	(38) QZ-SER	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2017; FP-POS=1; FLASH=YES	USE OFFSET V22SAF		2317 Secs (2317 Secs) *[==>]*	*[1]*
3	QZ-Ser FP-2 (COS.sp.415997)	(38) QZ-SER	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=2; FLASH=YES	USE OFFSET V22SAF		2729 Secs (2729 Secs) *[==>]*	*[2]*
4	QZ-Ser FP-3 (COS.sp.415997)	(38) QZ-SER	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=3; FLASH=YES	USE OFFSET V22SAF		2729 Secs (2729 Secs) *[==>]*	*[3]*
5	QZ-Ser FP-4 (COS.sp.415997)	(38) QZ-SER	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=4; FLASH=YES	USE OFFSET V22SAF		2729 Secs (2729 Secs) *[==>]*	*[4]*

Orbit Structure








Orbit 4
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Occultation
Home
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Visit

Proposal 12870, QZ-Ser-BOP-ONLY (B4), withdrawn Tue Mar 11 01:28:26 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; BETWEEN 15-JAN-2013:00:00:00 AND 10-SEP-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

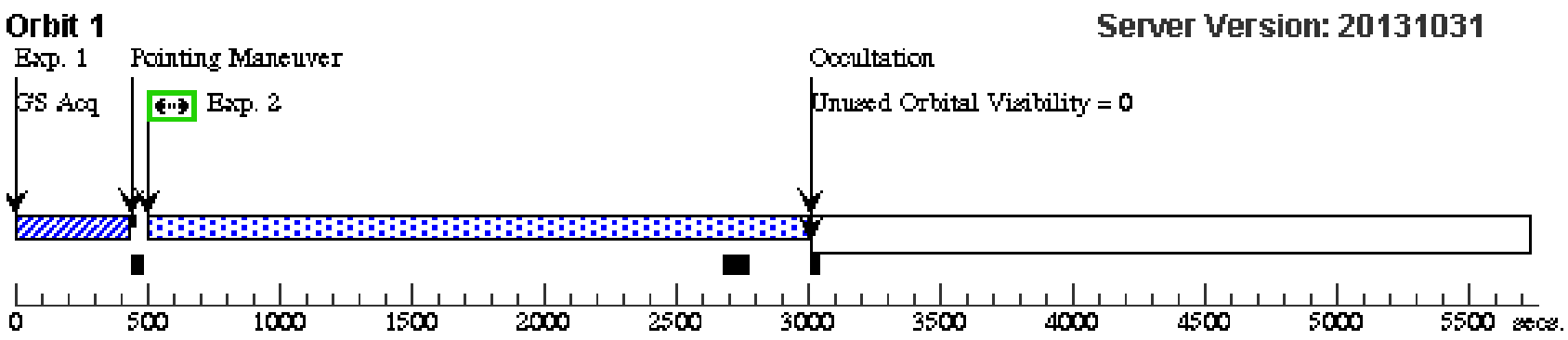
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	QZ-SER	RA: 15 56 54.4700 (239.2269583d) Dec: +21 07 19.00 (21.12194d) Equinox: J2000	Proper Motion RA: 6.7 mas/yr Proper Motion Dec: -9.2 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3 GALEX FUV=92microJy GALEX NUV=107microJy	Reference Frame: ICRS
(90)	TARGET38-SAFE-TARGET	Offset from QZ-SER RA Offset: -0.7 Secs Dec Offset: 0.2475 Arcsec		V=17.9+/-0.3 GALEX FUV=92microJy GALEX NUV=107microJy	Offset Position (TARGET38-SAFE-TARGET)

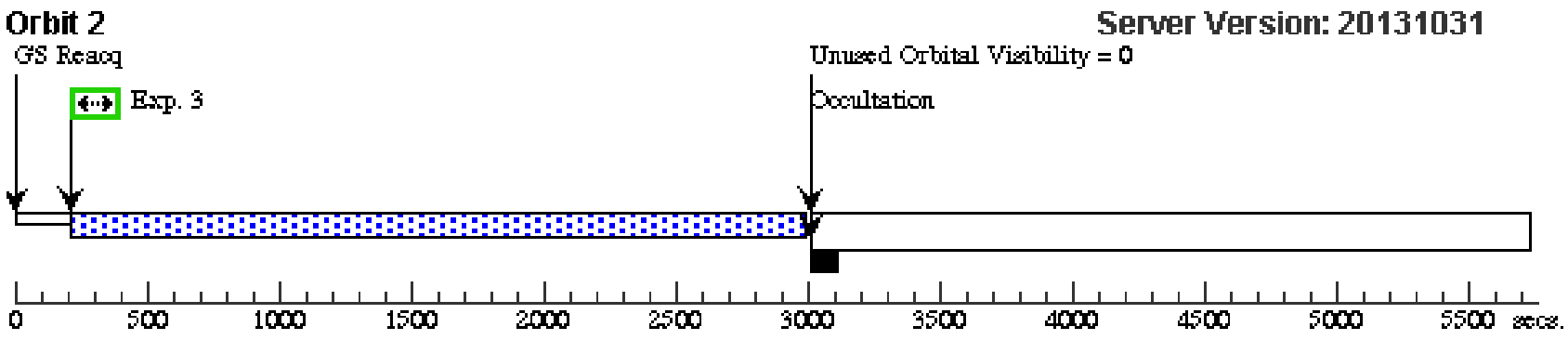
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.837 arcseconds away at a PA 271.4 degrees from QZ-SER.

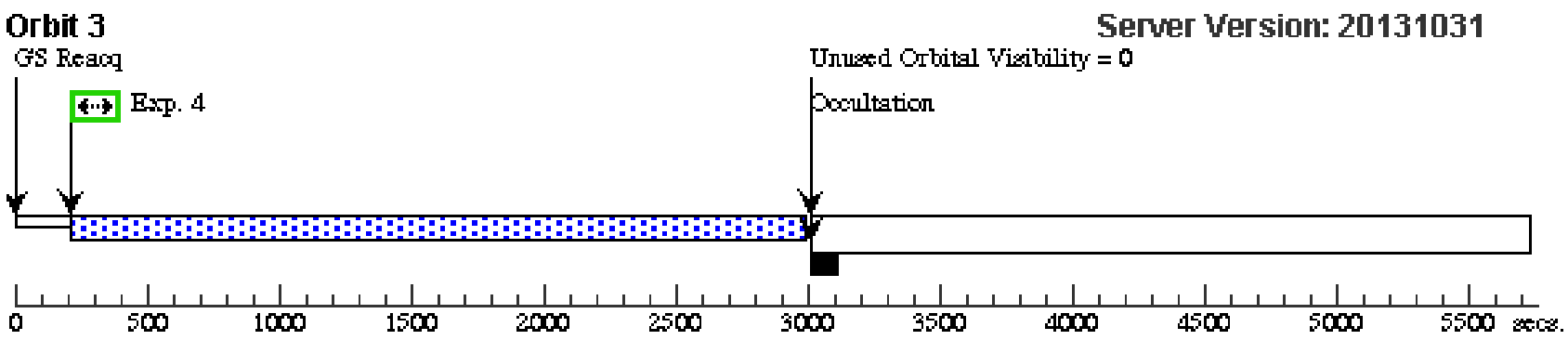
Exposures

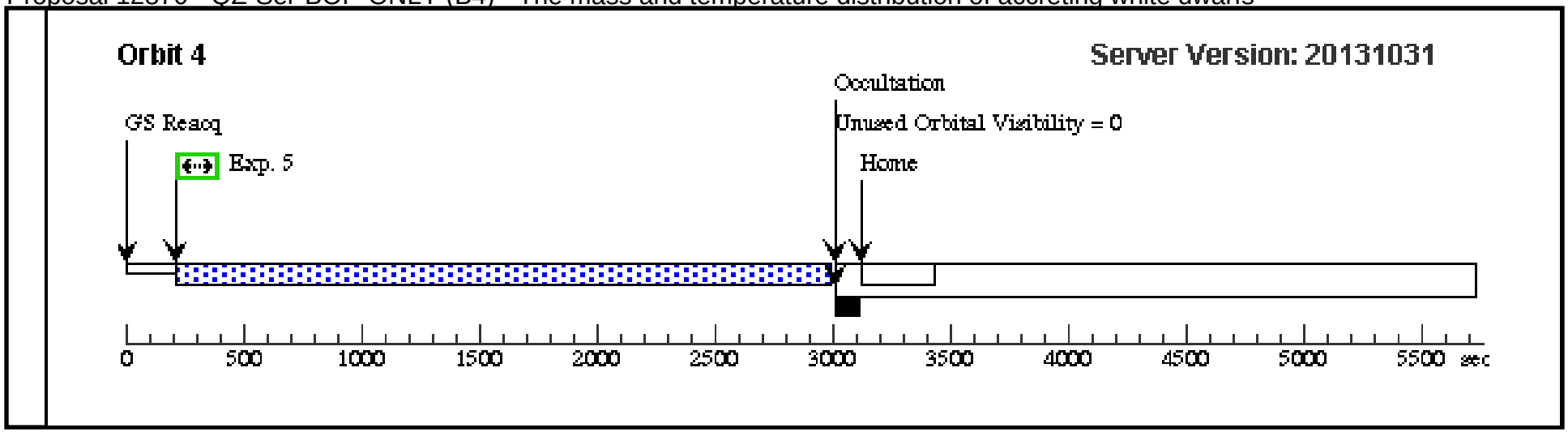
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	QZ-Ser ACQ (COS.ta.415996)	(90) TARGET38-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				16 Secs (16 Secs) *[==>]*	*[1]*
2	QZ-Ser FP-1 (COS.sp.415997)	(90) TARGET38-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2017; FP-POS=1; FLASH=YES			2317 Secs (2317 Secs) *[==>]*	*[1]*
3	QZ-Ser FP-2 (COS.sp.415997)	(90) TARGET38-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=2; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	*[2]*
4	QZ-Ser FP-3 (COS.sp.415997)	(90) TARGET38-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=3; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	*[3]*
5	QZ-Ser FP-4 (COS.sp.415997)	(90) TARGET38-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2729; FP-POS=4; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	*[4]*

Orbit Structure








Orbit 4
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Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 5
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Visit

Proposal 12870, SDSS1035+0551 (23), completed Tue Mar 11 01:28:27 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 190D TO 80 D; BETWEEN 20-NOV-2012:00:00:00 AND 05-JUN-2013:00:00:00; Period 0.05700667361 D AND ZERO-PHASE HJD2455354.452505

Comments: Note from PC: This system requires multiple obsets.
This should be scheduled in evening-local time. Flags need to be cleared during the work day.

This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

SQL required for SI States, see exposure comments.

Ephemeris from Bours et al. 2012 (including additional ULTRACAM data wrt Littlefair et al. 2008)

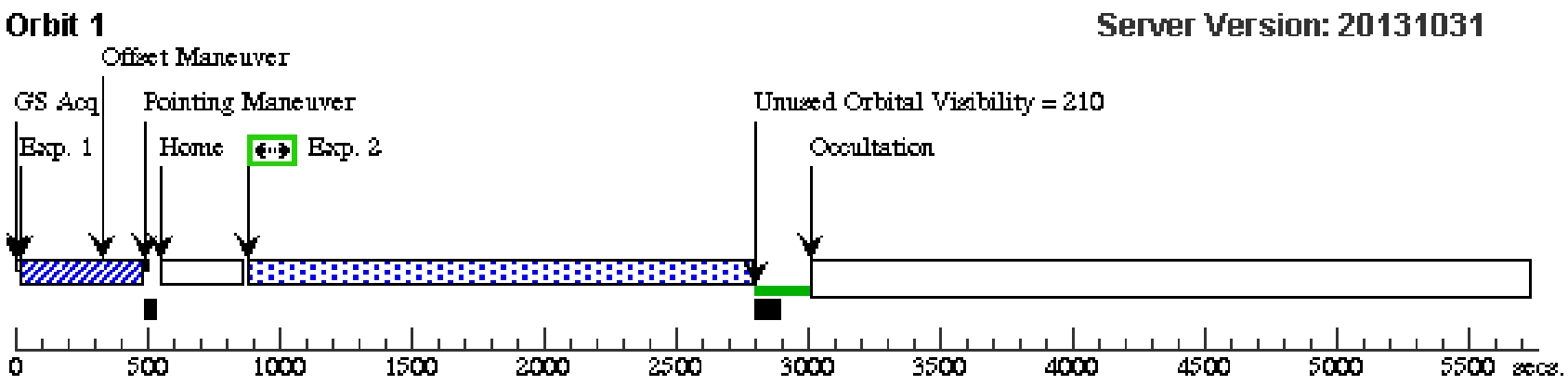
Fixed Targets

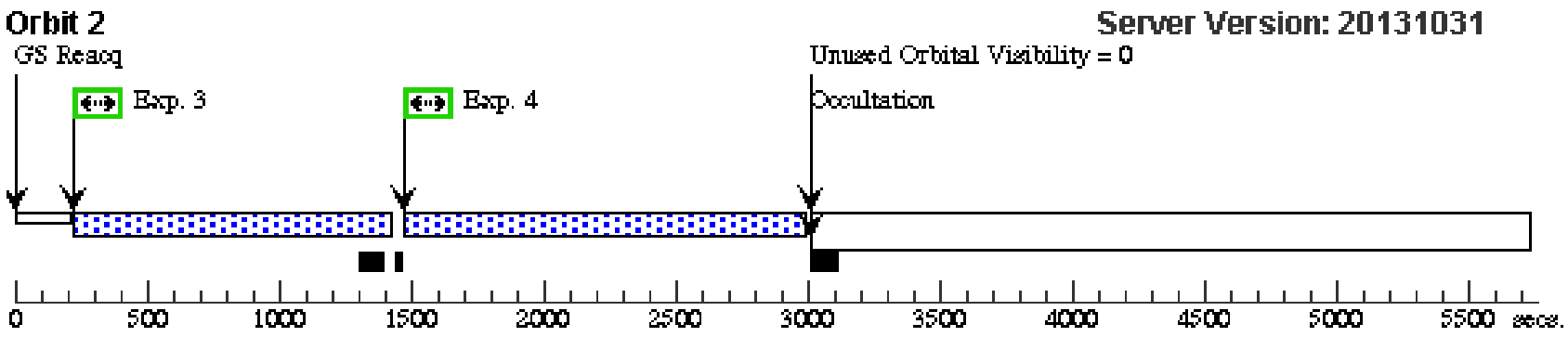
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(27)	SDSS1035+0551	RA: 10 35 33.0300 (158.8876250d) Dec: +05 51 58.60 (5.86628d) Equinox: J2000	Proper Motion RA: -9.4 mas/yr Proper Motion Dec: 46.3 mas/yr Epoch of Position: 2000.0	V=18.8+/-0.3 GALEX FUV=15microJy GALEX NUV=55microJy	Reference Frame: ICRS

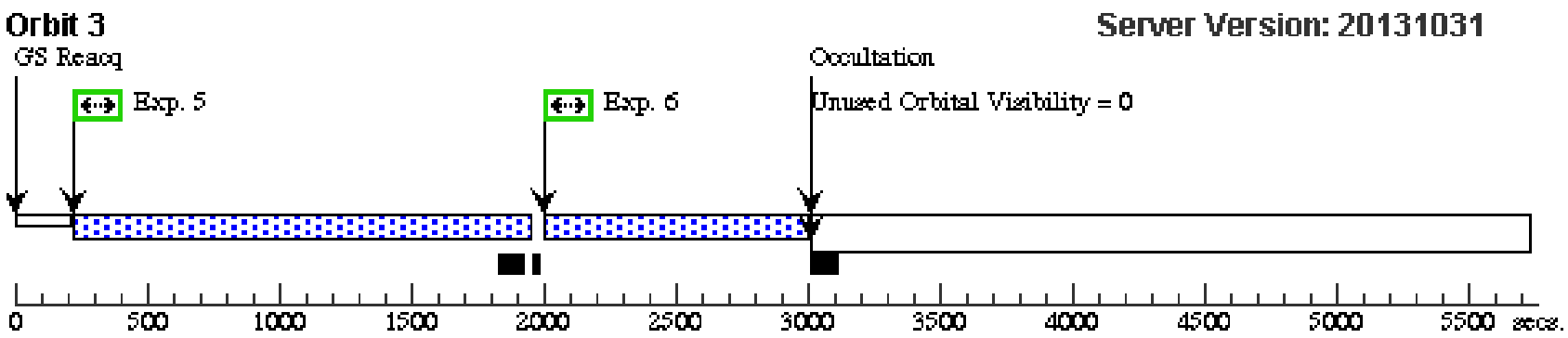
Exposures

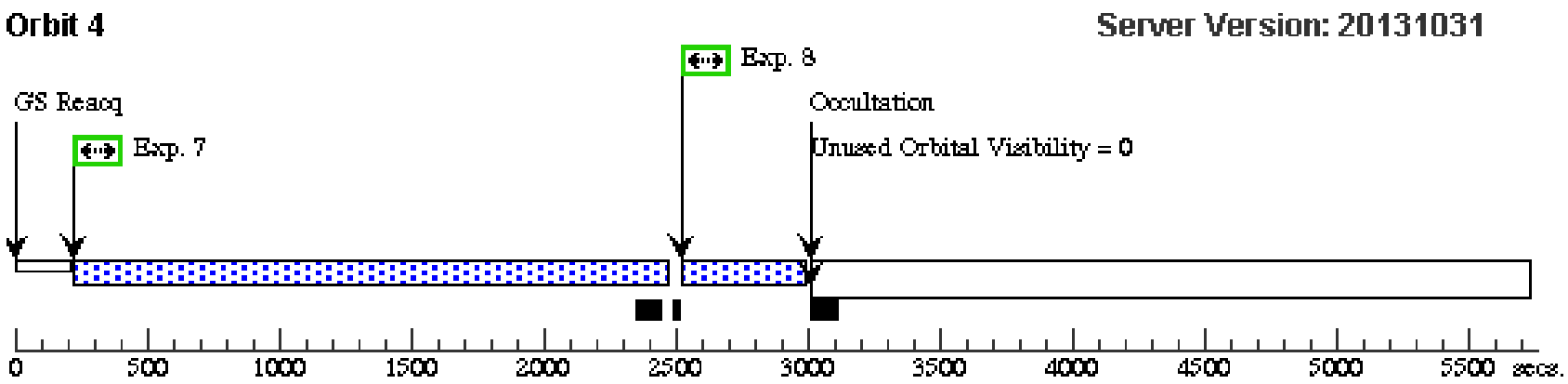
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1035+0551 ACQ (COS.ta.416008)	(27) SDSS1035+0551	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		PHASE 0.15 TO 0.85; USE OFFSET V23SAF; GS ACQ SCENARIO BASE1B3; QASISTATES COS FUV HVSEGA HVSEGA	Same Guide Stars in SDSS1035+0551 (23)	30 Secs (30 Secs) *[==>]*	*[1]*
Comments: SQL is required to add the FUV HVSEGA state to the dump and home alignments following this exposure.									
2	SDSS1035+0551 FP-1 (COS.sp.416010)	(27) SDSS1035+0551	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1911; FP-POS=1; FLASH=YES	USE OFFSET V23SAF; NEW OBSET; GS ACQ SCENARIO BASE1B3; QASISTATES COS NUV HVON HVON	Same Guide Stars in SDSS1035+0551 (23)	1680 Secs (1680 Secs) *[==>]*	*[1]*
Comments: SQL is required to add the NUV HVON state to the dump alignment following this exposure.									
3	SDSS1035+0551 FP-1 (COS.sp.416010)	(27) SDSS1035+0551	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1054; FP-POS=1; FLASH=YES	USE OFFSET V23SAF	Same Guide Stars in SDSS1035+0551 (23)	1154 Secs (1154 Secs) *[==>]*	*[2]*
4	SDSS1035+0551 FP-2 (COS.sp.416010)	(27) SDSS1035+0551	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1470; FP-POS=2; FLASH=YES	USE OFFSET V23SAF	Same Guide Stars in SDSS1035+0551 (23)	1470 Secs (1470 Secs) *[==>]*	*[2]*
5	SDSS1035+0551 FP-2 (COS.sp.416010)	(27) SDSS1035+0551	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1579; FP-POS=2; FLASH=YES	USE OFFSET V23SAF	Same Guide Stars in SDSS1035+0551 (23)	1679 Secs (1679 Secs) *[==>]*	*[3]*
6	SDSS1035+0551 FP-3 (COS.sp.416010)	(27) SDSS1035+0551	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=945; FP-POS=3; FLASH=YES	USE OFFSET V23SAF	Same Guide Stars in SDSS1035+0551 (23)	945 Secs (945 Secs) *[==>]*	*[3]*
7	SDSS1035+0551 FP-3 (COS.sp.416010)	(27) SDSS1035+0551	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2102; FP-POS=3; FLASH=YES	USE OFFSET V23SAF	Same Guide Stars in SDSS1035+0551 (23)	2204 Secs (2204 Secs) *[==>]*	*[4]*
8	SDSS1035+0551 FP-4 (COS.sp.416010)	(27) SDSS1035+0551	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=420; FP-POS=4; FLASH=YES	USE OFFSET V23SAF	Same Guide Stars in SDSS1035+0551 (23)	420 Secs (420 Secs) *[==>]*	*[4]*
9	SDSS1035+0551 FP-4 (COS.sp.416010)	(27) SDSS1035+0551	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1800; FP-POS=4; FLASH=YES	USE OFFSET V23SAF	Same Guide Stars in SDSS1035+0551 (23)	2729 Secs (2729 Secs) *[==>]*	*[5]*

Orbit Structure





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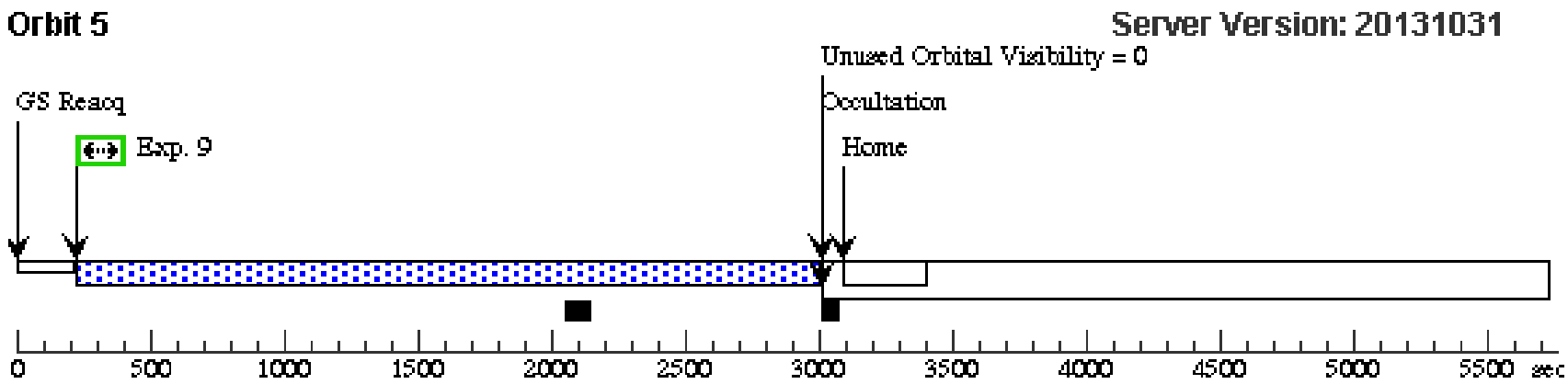
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sec

Visit

Proposal 12870, SDSS1035+0551-BOP-ONLY (59), withdrawn Tue Mar 11 01:28:28 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 190D TO 80 D; BETWEEN 20-NOV-2012:00:00:00 AND 05-JUN-2013:00:00:00; Period 0.05700667361 D AND ZERO-PHASE HJD2455354.452505

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.
This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.
SQL required for SI States, see exposure comments.
Ephemeris from Bours et al. 2012 (including additional ULTRACAM data wrt Littlefair et al. 2008)

Fixed Targets

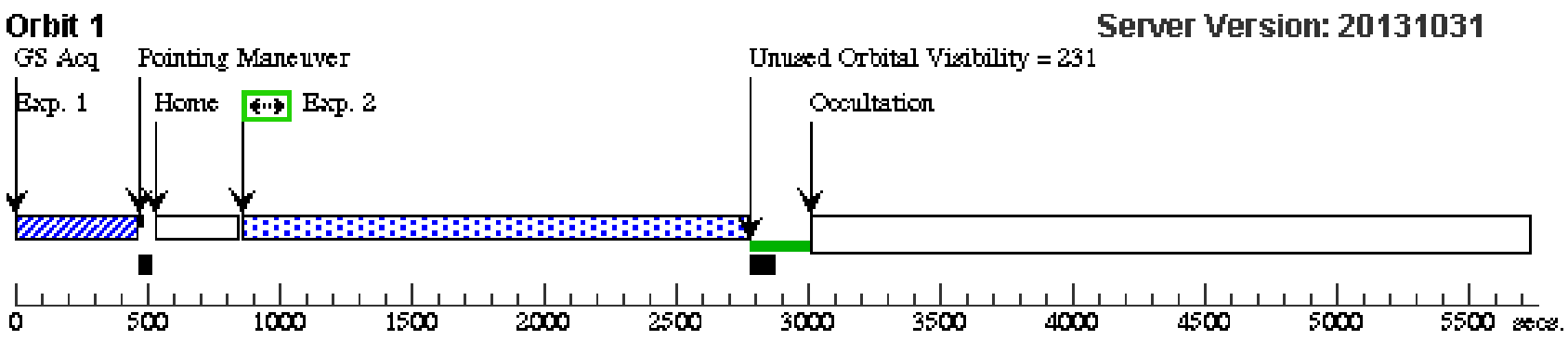
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(27)	SDSS1035+0551	RA: 10 35 33.0300 (158.8876250d) Dec: +05 51 58.60 (5.86628d) Equinox: J2000	Proper Motion RA: -9.4 mas/yr Proper Motion Dec: 46.3 mas/yr Epoch of Position: 2000.0	V=18.8+/-0.3 GALEX FUV=15microJy GALEX NUV=55microJy	Reference Frame: ICRS
(75)	TARGET27-SAFE-TARGET	Offset from SDSS1035+0551 RA Offset: 0.0 Secs Dec Offset: 8.999 Arcsec		V=18.8+/-0.3	Offset Position (TARGET27-SAFE-TARGET)

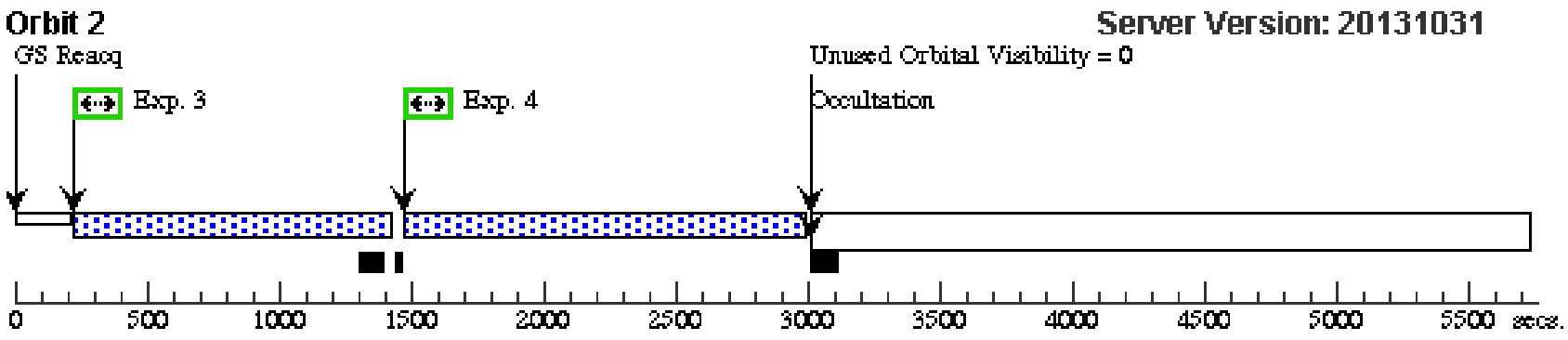
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.000 arcseconds away at a PA 0.6 degrees from SDSS1035+0551.

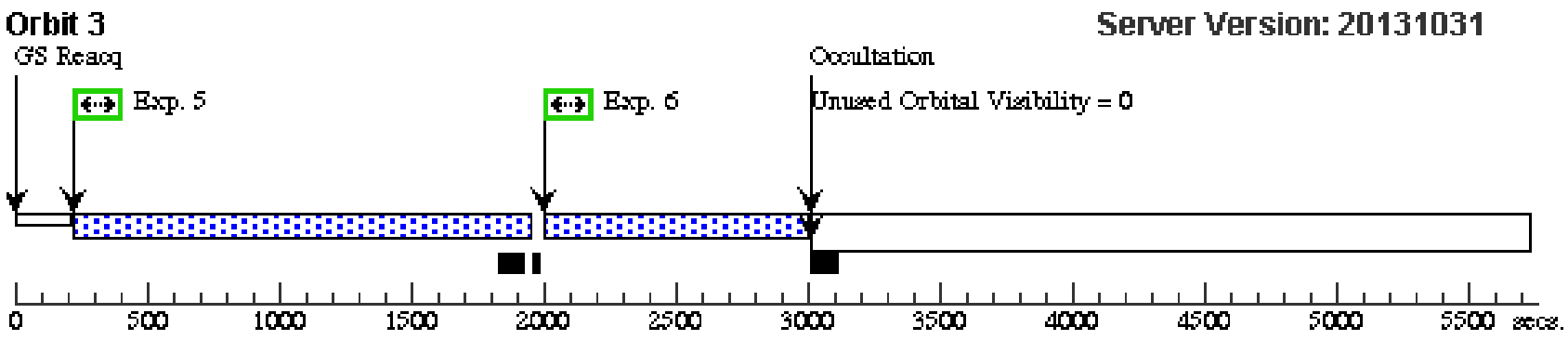
Exposures

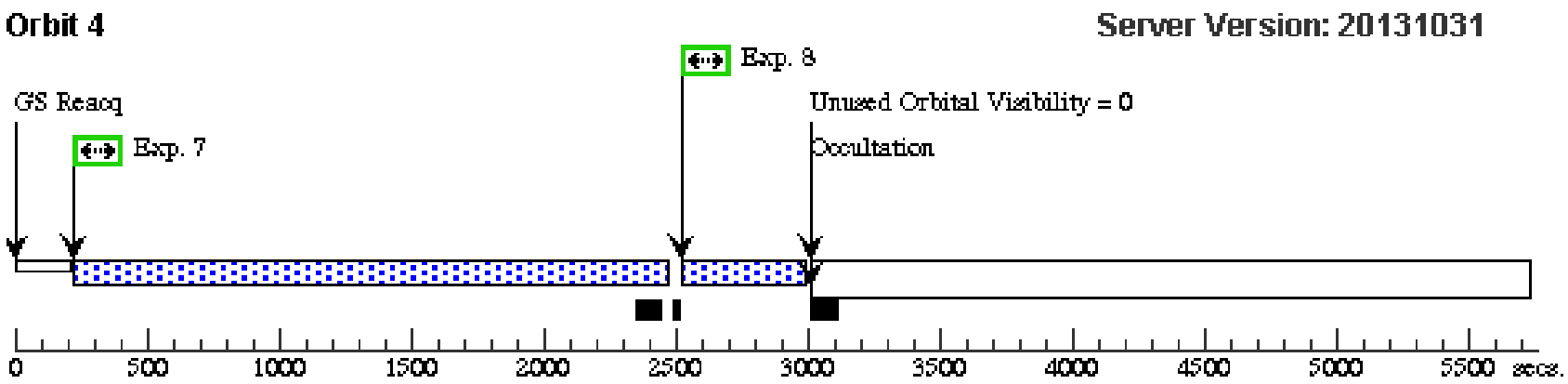
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1035+0551 ACQ (COS.ta.416008)	(75) TARGET27-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		PHASE 0.15 TO 0.85; GS ACQ SCENARIO BASE1B3; QASISTATES COS FUV HVSEGA HVSEGA	Same Guide Stars in SDSS1035+0551-BOP-ONLY (59)	30 Secs (30 Secs) *[==>]*	*[1]*
Comments: SQL is required to add the FUV HVSEGA state to the dump and home alignments following this exposure.									
2	SDSS1035+0551 FP-1 (COS.sp.416010)	(75) TARGET27-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1911; FP-POS=1; FLASH=YES	NEW OBSET; GS ACQ SCENARIO BASE1B3; QASISTATES COS NUV HVON HVON	Same Guide Stars in SDSS1035+0551-BOP-ONLY (59)	1680 Secs (1680 Secs) *[==>]*	*[1]*
Comments: SQL is required to add the NUV HVON state to the dump alignment following this exposure.									
3	SDSS1035+0551 FP-1 (COS.sp.416010)	(75) TARGET27-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1054; FP-POS=1; FLASH=YES		Same Guide Stars in SDSS1035+0551-BOP-ONLY (59)	1154 Secs (1154 Secs) *[==>]*	*[2]*
4	SDSS1035+0551 FP-2 (COS.sp.416010)	(75) TARGET27-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1470; FP-POS=2; FLASH=YES		Same Guide Stars in SDSS1035+0551-BOP-ONLY (59)	1470 Secs (1470 Secs) *[==>]*	*[2]*
5	SDSS1035+0551 FP-2 (COS.sp.416010)	(75) TARGET27-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1579; FP-POS=2; FLASH=YES		Same Guide Stars in SDSS1035+0551-BOP-ONLY (59)	1679 Secs (1679 Secs) *[==>]*	*[3]*
6	SDSS1035+0551 FP-3 (COS.sp.416010)	(75) TARGET27-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=945; FP-POS=3; FLASH=YES		Same Guide Stars in SDSS1035+0551-BOP-ONLY (59)	945 Secs (945 Secs) *[==>]*	*[3]*
7	SDSS1035+0551 FP-3 (COS.sp.416010)	(75) TARGET27-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2102; FP-POS=3; FLASH=YES		Same Guide Stars in SDSS1035+0551-BOP-ONLY (59)	2204 Secs (2204 Secs) *[==>]*	*[4]*
8	SDSS1035+0551 FP-4 (COS.sp.416010)	(75) TARGET27-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=420; FP-POS=4; FLASH=YES		Same Guide Stars in SDSS1035+0551-BOP-ONLY (59)	420 Secs (420 Secs) *[==>]*	*[4]*
9	SDSS1035+0551 FP-4 (COS.sp.416010)	(75) TARGET27-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1800; FP-POS=4; FLASH=YES		Same Guide Stars in SDSS1035+0551-BOP-ONLY (59)	2729 Secs (2729 Secs) *[==>]*	*[5]*

Orbit Structure





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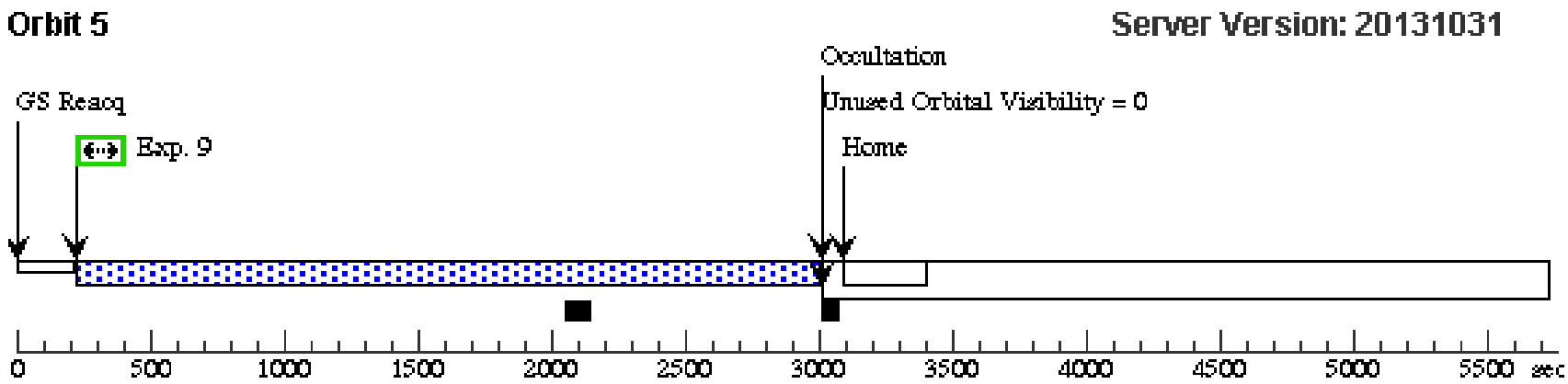
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sec

Visit

Proposal 12870, 1RXS-J023238.8-371812 (24), completed Tue Mar 11 01:28:29 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 275D TO 170 D; BETWEEN 09-OCT-2012:00:00:00 AND 15-FEB-2013:00:00:00; BETWEEN 15-JUN-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This should be scheduled in evening local-time. Flags need to be cleared during the work day.

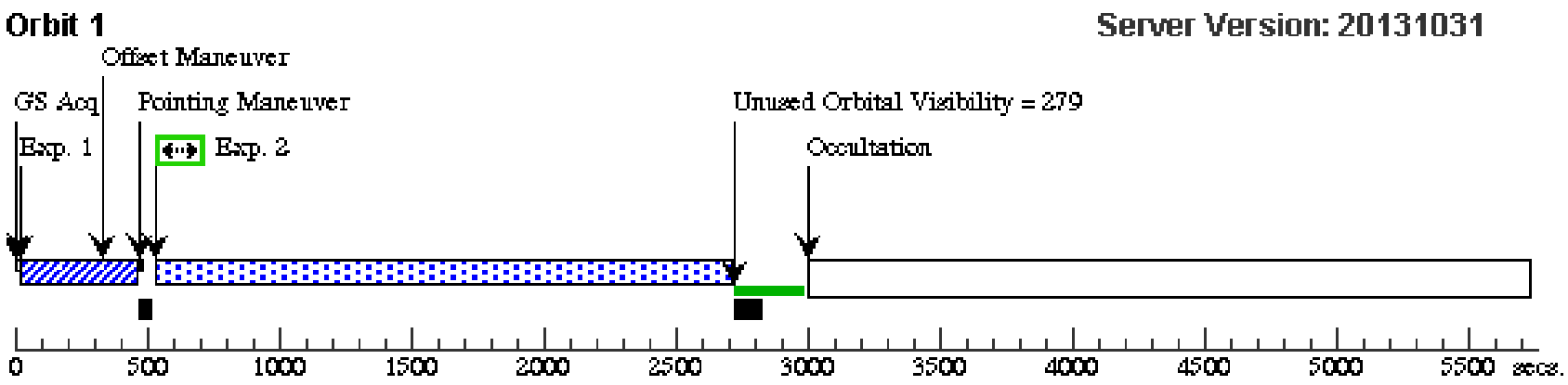
Fixed Targets

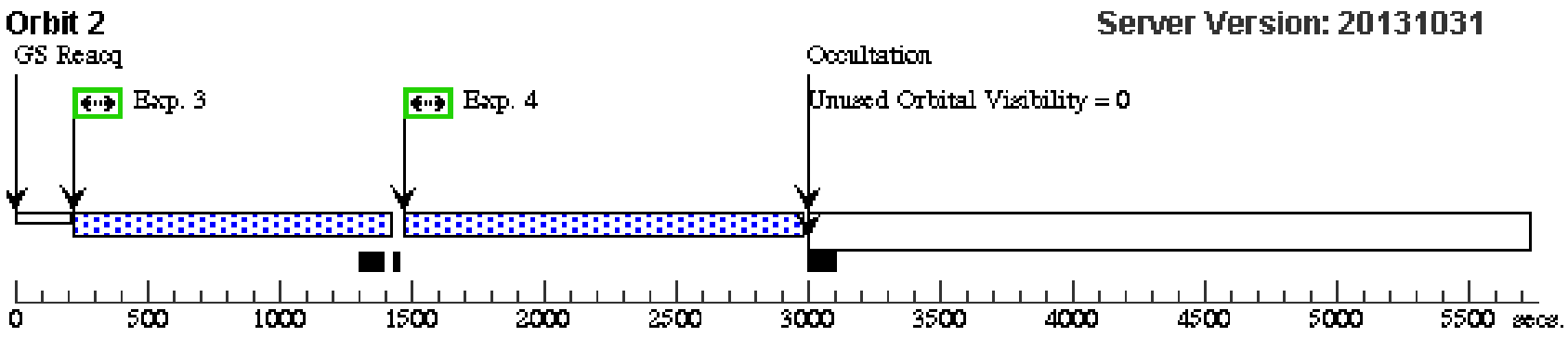
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	1RXS-J023238.8-371812	RA: 02 32 37.9600 (38.1581667d) Dec: -37 17 54.90 (-37.29858d) Equinox: J2000	Proper Motion RA: 58.3 mas/yr Proper Motion Dec: 10.2 mas/yr Epoch of Position: 2000.0	V=18.8+/-0.3 GALEX FUV=50microJy GALEX NUV=90microJy	Reference Frame: ICRS

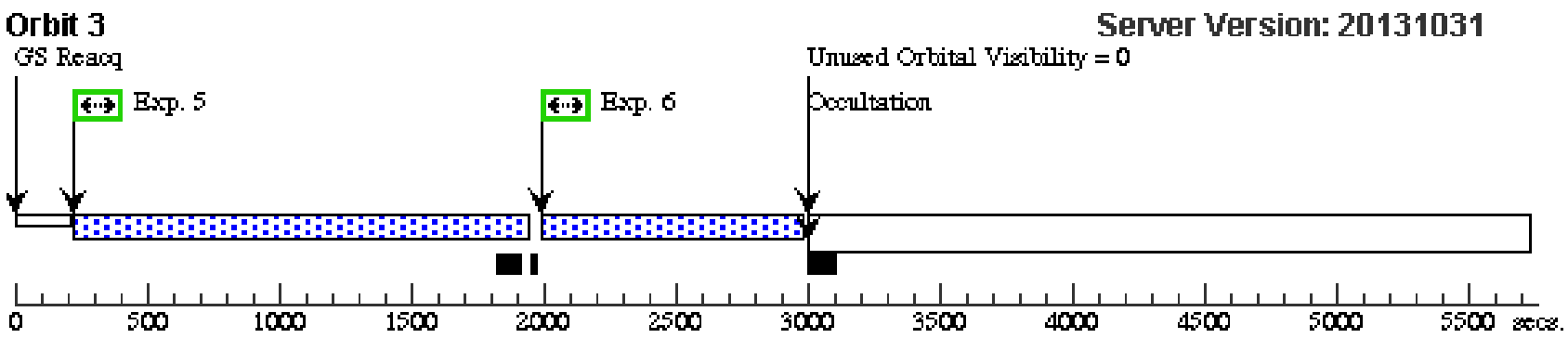
Exposures

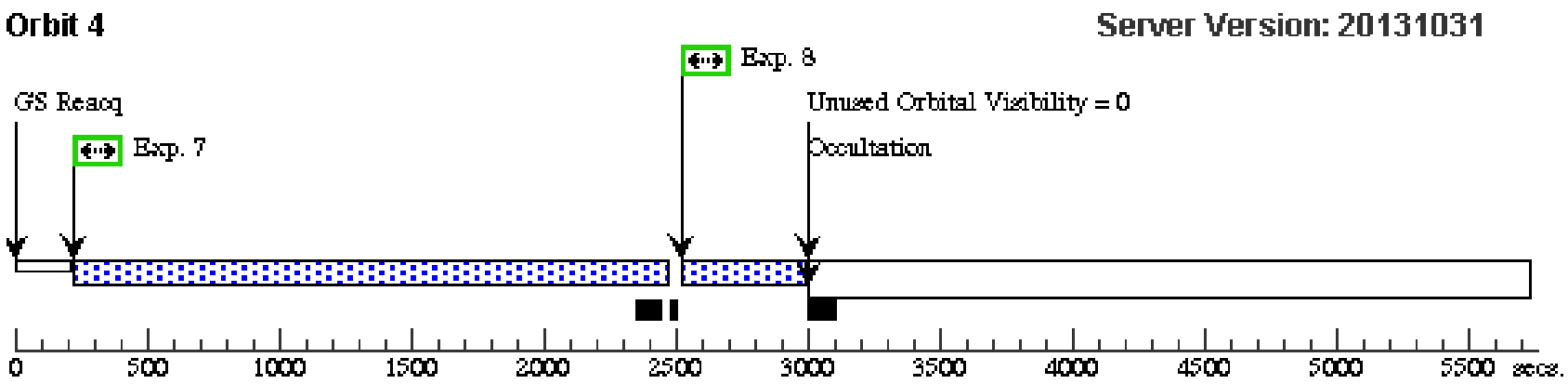
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1RXS-J023238.8-371812 ACQ (COS.ta.416039)	(8) 1RXS-J023238.8-371812	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		USE OFFSET V24SAF; GS ACQ SCENARIO BASE1B3		20 Secs (20 Secs) *[==>]*	*[1]*
2	1RXS-J023238.8-371812 FP-1 (COS.sp.416038)	(8) 1RXS-J023238.8-371812	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1998; FP-POS=1; FLASH=YES	USE OFFSET V24SAF		1998 Secs (1998 Secs) *[==>]*	*[1]*
3	1RXS-J023238.8-371812 FP-1 (COS.sp.416038)	(8) 1RXS-J023238.8-371812	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1053; FP-POS=1; FLASH=YES	USE OFFSET V24SAF		1153 Secs (1153 Secs) *[==>]*	*[2]*
4	1RXS-J023238.8-371812 FP-2 (COS.sp.416038)	(8) 1RXS-J023238.8-371812	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1460; FP-POS=2; FLASH=YES	USE OFFSET V24SAF		1460 Secs (1460 Secs) *[==>]*	*[2]*
5	1RXS-J023238.8-371812 FP-2 (COS.sp.416038)	(8) 1RXS-J023238.8-371812	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1573; FP-POS=2; FLASH=YES	USE OFFSET V24SAF		1673 Secs (1673 Secs) *[==>]*	*[3]*
6	1RXS-J023238.8-371812 FP-3 (COS.sp.416038)	(8) 1RXS-J023238.8-371812	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=940; FP-POS=3; FLASH=YES	USE OFFSET V24SAF		940 Secs (940 Secs) *[==>]*	*[3]*
7	1RXS-J023238.8-371812 FP-3 (COS.sp.416038)	(8) 1RXS-J023238.8-371812	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2098; FP-POS=3; FLASH=YES	USE OFFSET V24SAF		2198 Secs (2198 Secs) *[==>]*	*[4]*
8	1RXS-J023238.8-371812 FP-4 (COS.sp.416038)	(8) 1RXS-J023238.8-371812	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=415; FP-POS=4; FLASH=YES	USE OFFSET V24SAF		415 Secs (415 Secs) *[==>]*	*[4]*
9	1RXS-J023238.8-371812 FP-4 (COS.sp.416038)	(8) 1RXS-J023238.8-371812	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1800; FP-POS=4; FLASH=YES	USE OFFSET V24SAF		2718 Secs (2718 Secs) *[==>]*	*[5]*

Orbit Structure





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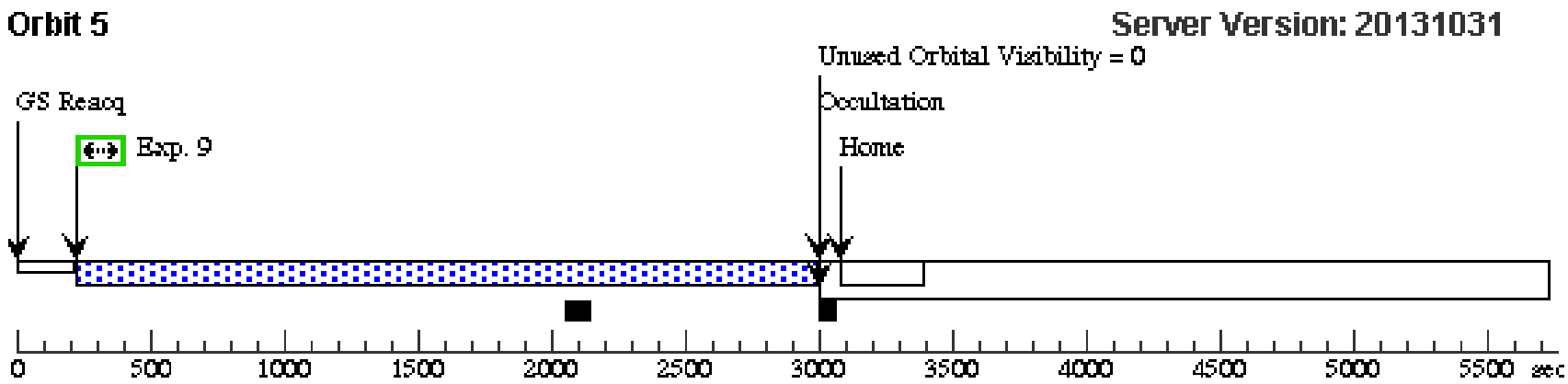
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sec

Visit

Proposal 12870, 1RXS-J023238.8-371812-BOP-ONLY (67), withdrawn Tue Mar 11 01:28:30 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 275D TO 170 D; BETWEEN 09-OCT-2012:00:00:00 AND 15-FEB-2013:00:00:00; BETWEEN 15-JUN-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

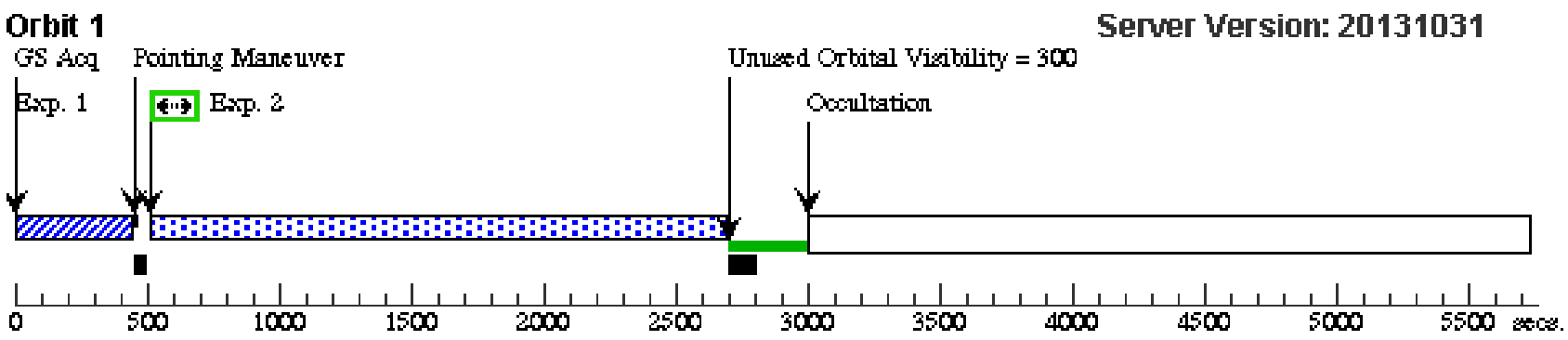
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	1RXS-J023238.8-371812	RA: 02 32 37.9600 (38.1581667d) Dec: -37 17 54.90 (-37.29858d) Equinox: J2000	Proper Motion RA: 58.3 mas/yr Proper Motion Dec: 10.2 mas/yr Epoch of Position: 2000.0	V=18.8+/-0.3 GALEX FUV=50microJy GALEX NUV=90microJy	Reference Frame: ICRS
(60)	TARGET08-SAFE-TARGET	Offset from 1RXS-J023238.8-371812 RA Offset: 0.75 Secs Dec Offset: 0.1124 Arcsec		V=18.8+/-0.3	Offset Position (TARGET08-SAFE-TARGET)

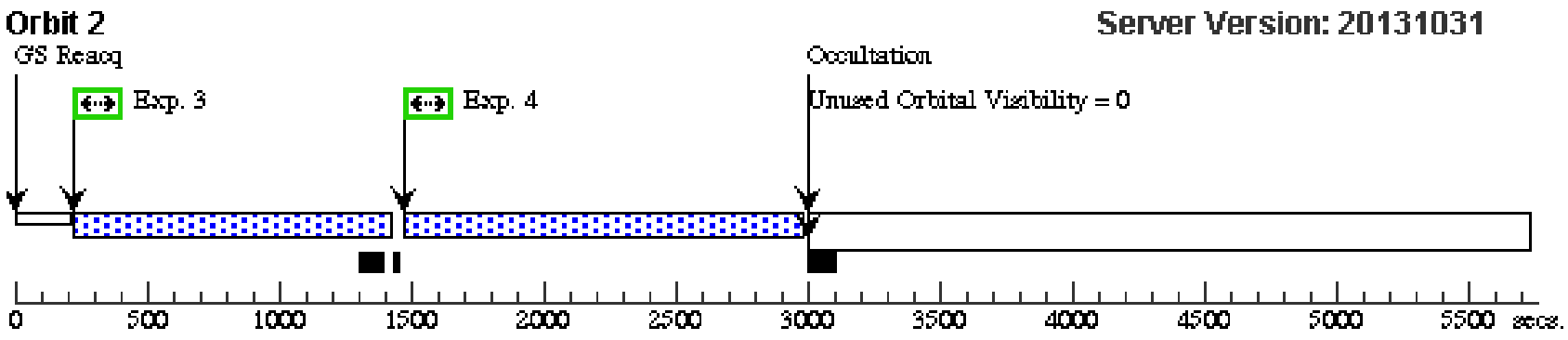
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.001 arcseconds away at a PA 90.7 degrees from 1RXS-J023238.8-371812.

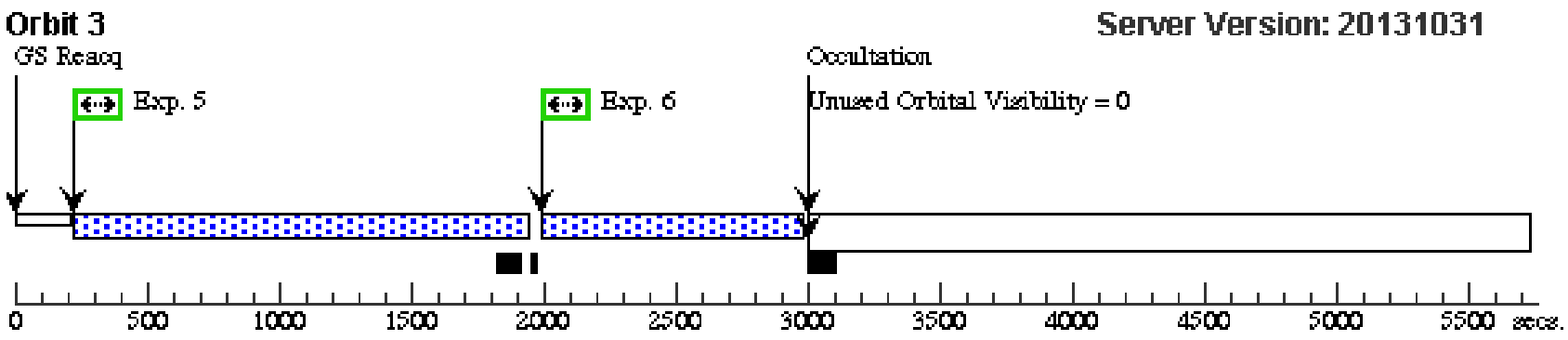
Exposures

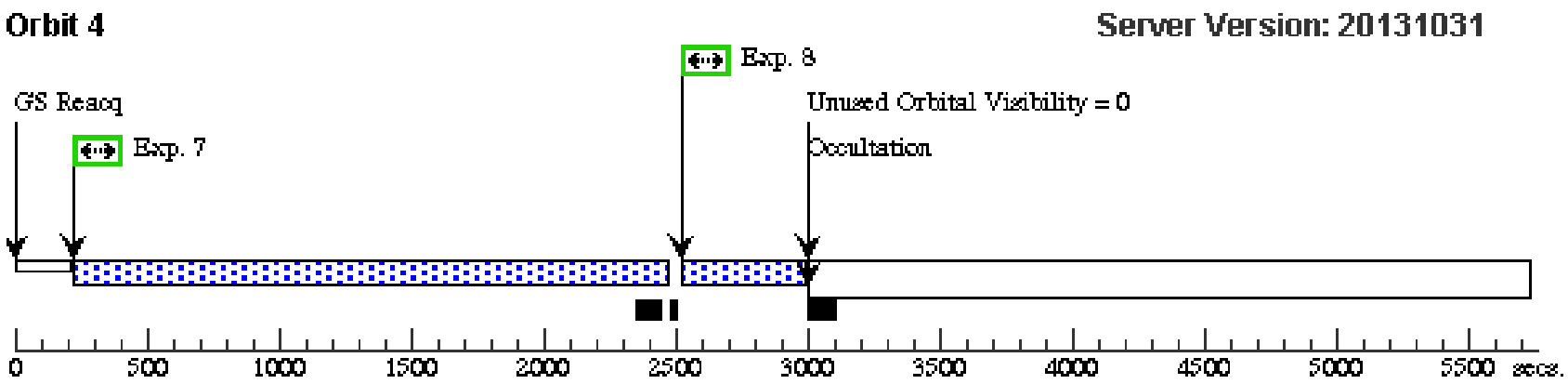
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1RXS-J023238.8-371812 ACQ (COS.ta.416039)	(60) TARGET08-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		GS ACQ SCENARIO BASE1B3		20 Secs (20 Secs) *[==>]*	*[1]*
2	1RXS-J023238.8-371812 FP-1 (COS.sp.416038)	(60) TARGET08-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1998; FP-POS=1; FLASH=YES			1998 Secs (1998 Secs) *[==>]*	*[1]*
3	1RXS-J023238.8-371812 FP-1 (COS.sp.416038)	(60) TARGET08-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1053; FP-POS=1; FLASH=YES			1153 Secs (1153 Secs) *[==>]*	*[2]*
4	1RXS-J023238.8-371812 FP-2 (COS.sp.416038)	(60) TARGET08-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1460; FP-POS=2; FLASH=YES			1460 Secs (1460 Secs) *[==>]*	*[2]*
5	1RXS-J023238.8-371812 FP-2 (COS.sp.416038)	(60) TARGET08-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1573; FP-POS=2; FLASH=YES			1673 Secs (1673 Secs) *[==>]*	*[3]*
6	1RXS-J023238.8-371812 FP-3 (COS.sp.416038)	(60) TARGET08-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=940; FP-POS=3; FLASH=YES			940 Secs (940 Secs) *[==>]*	*[3]*
7	1RXS-J023238.8-371812 FP-3 (COS.sp.416038)	(60) TARGET08-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2098; FP-POS=3; FLASH=YES			2198 Secs (2198 Secs) *[==>]*	*[4]*
8	1RXS-J023238.8-371812 FP-4 (COS.sp.416038)	(60) TARGET08-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=415; FP-POS=4; FLASH=YES			415 Secs (415 Secs) *[==>]*	*[4]*
9	1RXS-J023238.8-371812 FP-4 (COS.sp.416038)	(60) TARGET08-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1800; FP-POS=4; FLASH=YES			2718 Secs (2718 Secs) *[==>]*	*[5]*

Orbit Structure





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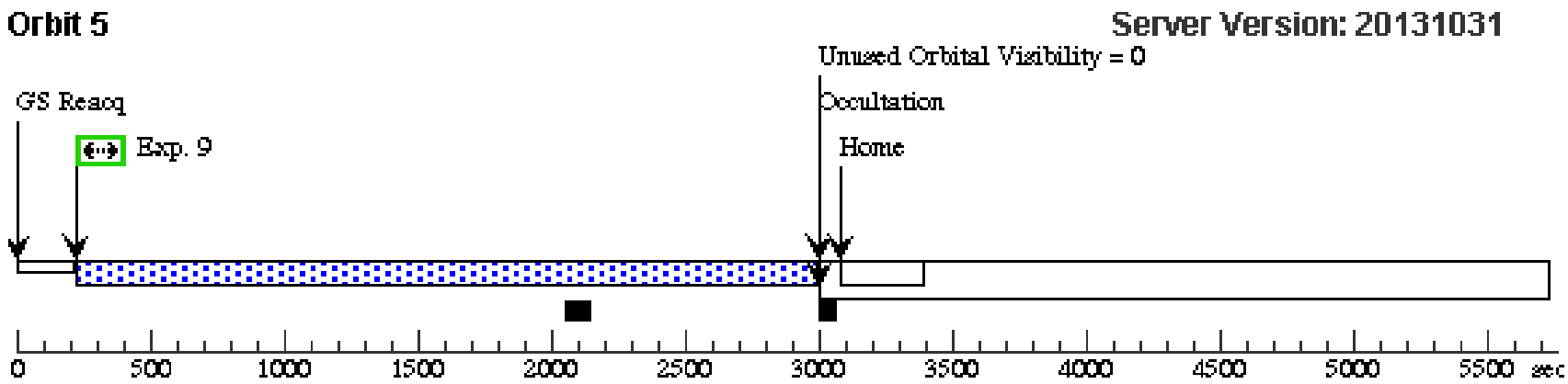
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Visit

Proposal 12870, SDSS0011-0647 (25), completed Tue Mar 11 01:28:31 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 60D TO 290 D; BETWEEN 09-OCT-2012:00:00:00 AND 20-DEC-2012:00:00:00; BETWEEN 01-JUN-2013:00:00:00 AND 20-DEC-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

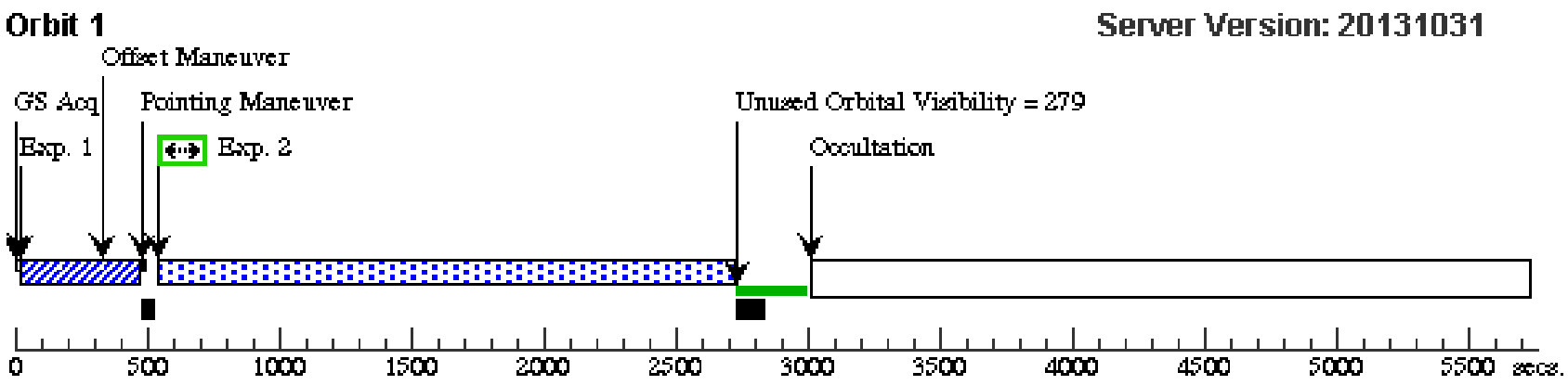
Fixed Targets

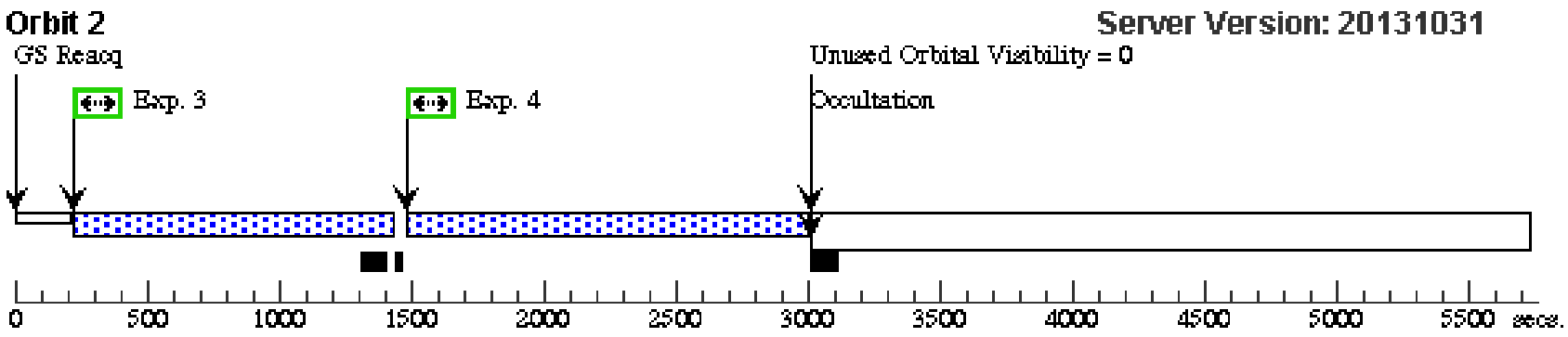
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	SDSS0011-0647	RA: 00 11 53.0800 (2.9711667d) Dec: -06 47 39.20 (-6.79422d) Equinox: J2000	Proper Motion RA: 15.8 mas/yr Proper Motion Dec: -6.1 mas/yr Epoch of Position: 2000.0	V=17.8+/-0.3 GALEX FUV=36microJy GALEX NUV=60microJy	Reference Frame: ICRS

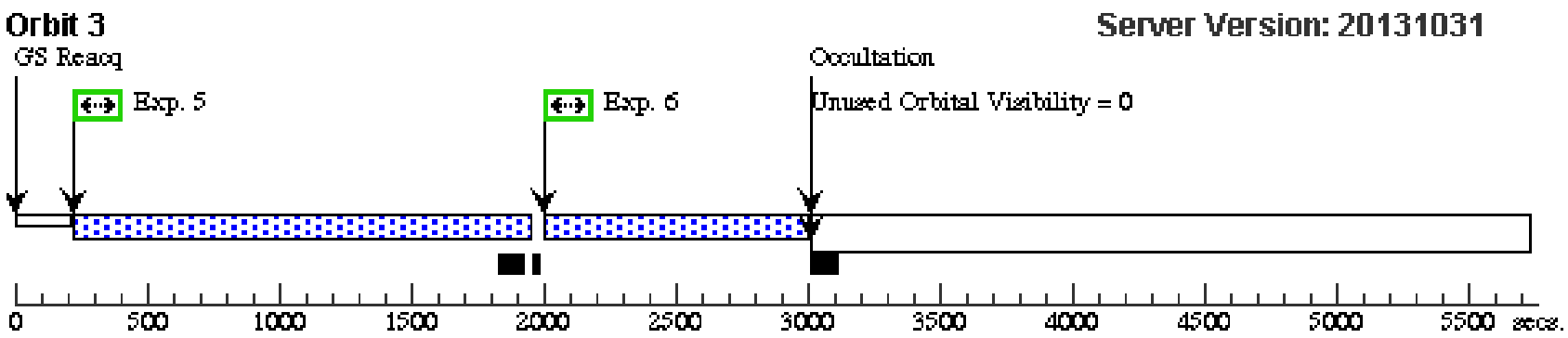
Exposures

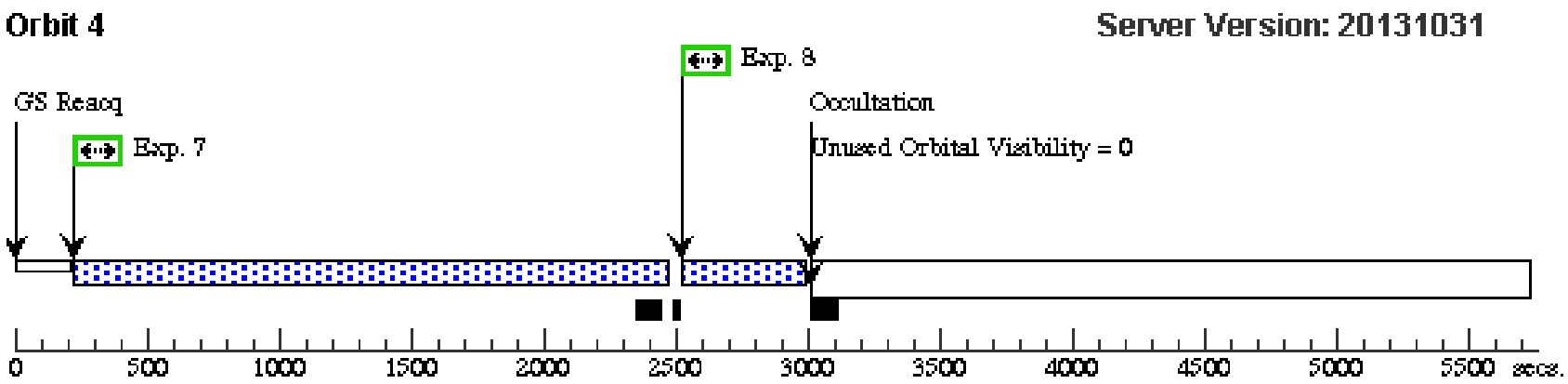
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS0011-0647 ACQ (COS.ta.416043)	(1) SDSS0011-0647	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		USE OFFSET V25SAF		25 Secs (25 Secs) *[==>]*	*[1]*
2	SDSS0011-0647 FP-1 (COS.sp.416042)	(1) SDSS0011-0647	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1999; FP-POS=1; FLASH=YES	USE OFFSET V25SAF		1999 Secs (1999 Secs) *[==>]*	*[1]*
3	SDSS0011-0647 FP-1 (COS.sp.416042)	(1) SDSS0011-0647	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1058; FP-POS=1; FLASH=YES	USE OFFSET V25SAF		1158 Secs (1158 Secs) *[==>]*	*[2]*
4	SDSS0011-0647 FP-2 (COS.sp.416042)	(1) SDSS0011-0647	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1466; FP-POS=2; FLASH=YES	USE OFFSET V25SAF		1466 Secs (1466 Secs) *[==>]*	*[2]*
5	SDSS0011-0647 FP-2 (COS.sp.416042)	(1) SDSS0011-0647	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1578; FP-POS=2; FLASH=YES	USE OFFSET V25SAF		1678 Secs (1678 Secs) *[==>]*	*[3]*
6	SDSS0011-0647 FP-3 (COS.sp.416042)	(1) SDSS0011-0647	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=946; FP-POS=3; FLASH=YES	USE OFFSET V25SAF		946 Secs (946 Secs) *[==>]*	*[3]*
7	SDSS0011-0647 FP-3 (COS.sp.416042)	(1) SDSS0011-0647	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2104; FP-POS=3; FLASH=YES	USE OFFSET V25SAF		2204 Secs (2204 Secs) *[==>]*	*[4]*
8	SDSS0011-0647 FP-4 (COS.sp.416042)	(1) SDSS0011-0647	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=420; FP-POS=4; FLASH=YES	USE OFFSET V25SAF		420 Secs (420 Secs) *[==>]*	*[4]*
9	SDSS0011-0647 FP-4 (COS.sp.416042)	(1) SDSS0011-0647	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1800; FP-POS=4; FLASH=YES	USE OFFSET V25SAF		2729 Secs (2729 Secs) *[==>]*	*[5]*

Orbit Structure





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Exp. 8
GS Reacq
Occultation
Exp. 7
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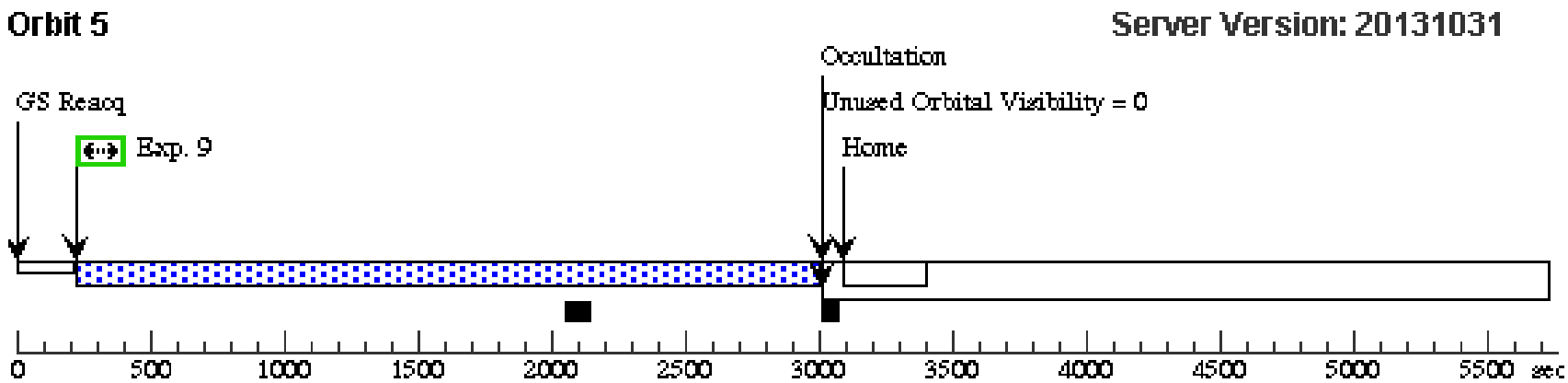
3500
4000
4500
5000
5500
secs.


Orbit 5
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS0011-0647-BOP-ONLY (69), withdrawn Tue Mar 11 01:28:32 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 60D TO 290 D; BETWEEN 09-OCT-2012:00:00:00 AND 20-DEC-2012:00:00:00; BETWEEN 01-JUN-2013:00:00:00 AND 20-DEC-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

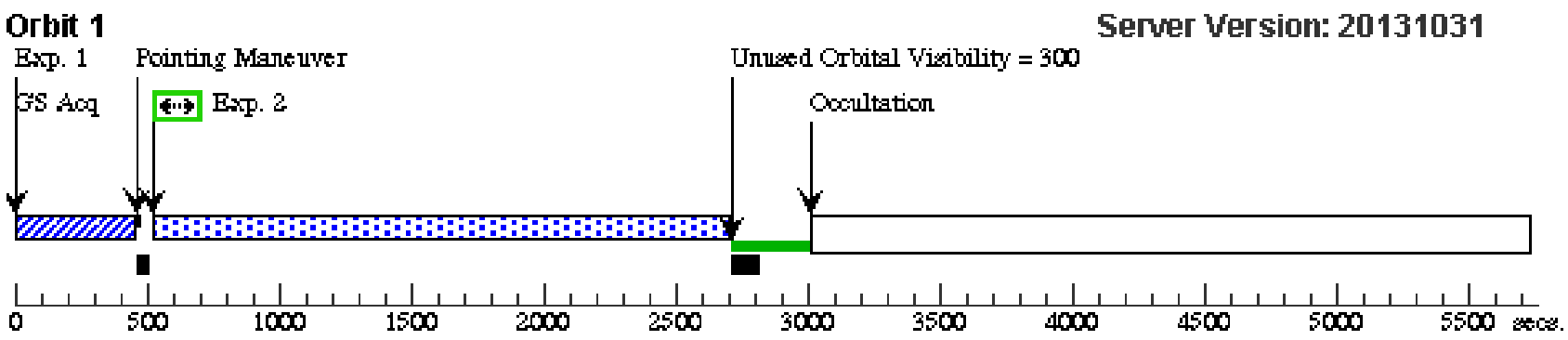
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	SDSS0011-0647	RA: 00 11 53.0800 (2.9711667d) Dec: -06 47 39.20 (-6.79422d) Equinox: J2000	Proper Motion RA: 15.8 mas/yr Proper Motion Dec: -6.1 mas/yr Epoch of Position: 2000.0	V=17.8+/-0.3 GALEX FUV=36microJy GALEX NUV=60microJy	Reference Frame: ICRS
(61)	TARGET01-SAFE-TARGET	Offset from SDSS0011-0647 RA Offset: -0.5 Secs Dec Offset: -4.95 Arcsec		V=17.8+/-0.3	Offset Position (TARGET01-SAFE-TARGET)

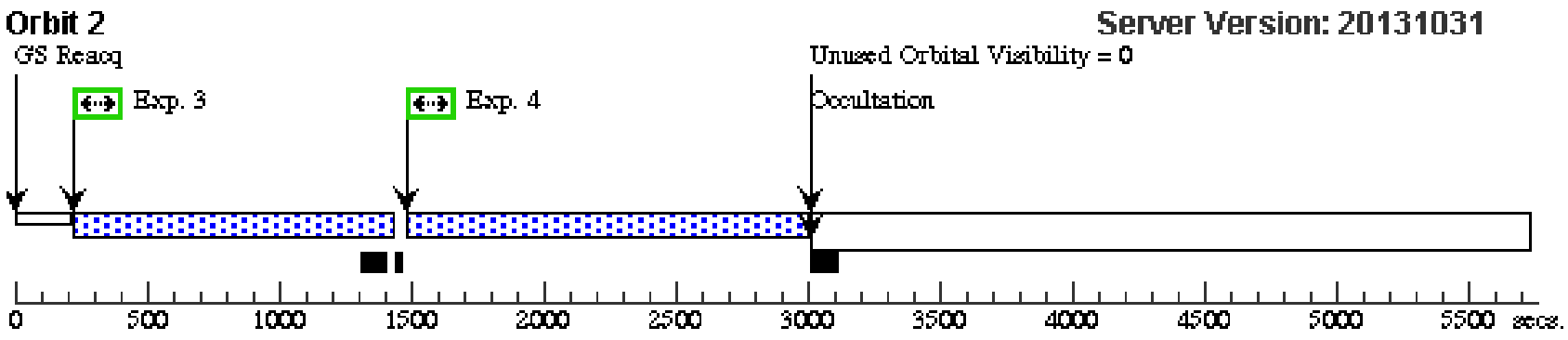
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.018 arcseconds away at a PA 236.7 degrees from SDSS0011-0647.

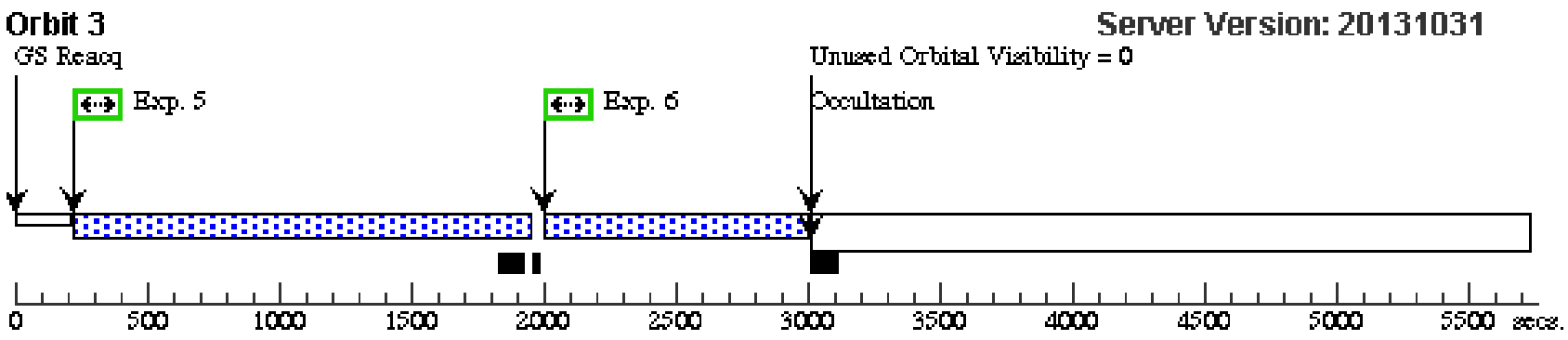
Exposures

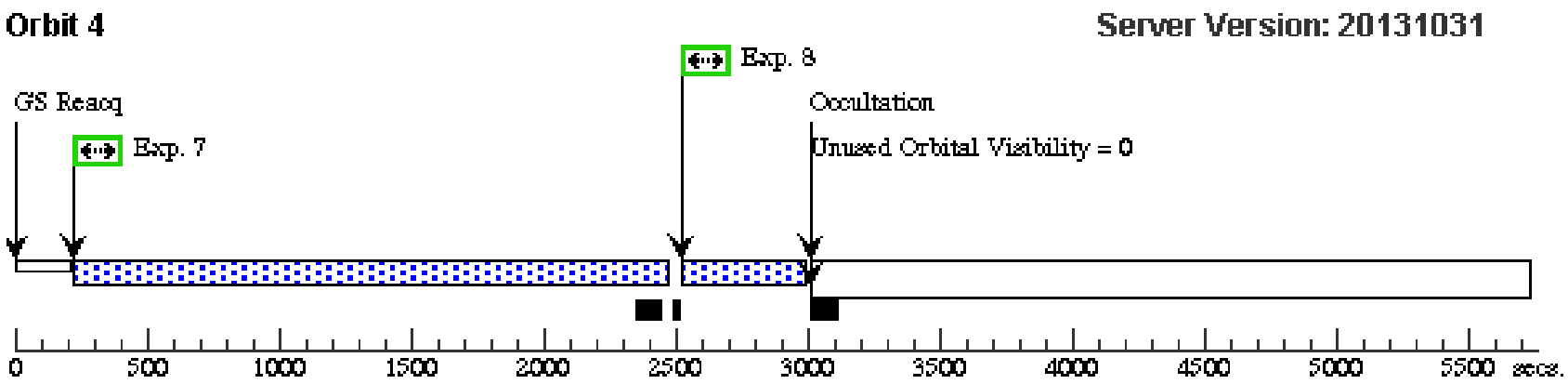
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS0011-0647 ACQ (COS.ta.416043)	(61) TARGET01-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				25 Secs (25 Secs) *[==>]*	*[1]*
2	SDSS0011-0647 FP-1 (COS.sp.416042)	(61) TARGET01-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1999; FP-POS=1; FLASH=YES			1999 Secs (1999 Secs) *[==>]*	*[1]*
3	SDSS0011-0647 FP-1 (COS.sp.416042)	(61) TARGET01-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1058; FP-POS=1; FLASH=YES			1158 Secs (1158 Secs) *[==>]*	*[2]*
4	SDSS0011-0647 FP-2 (COS.sp.416042)	(61) TARGET01-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1466; FP-POS=2; FLASH=YES			1466 Secs (1466 Secs) *[==>]*	*[2]*
5	SDSS0011-0647 FP-2 (COS.sp.416042)	(61) TARGET01-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1578; FP-POS=2; FLASH=YES			1678 Secs (1678 Secs) *[==>]*	*[3]*
6	SDSS0011-0647 FP-3 (COS.sp.416042)	(61) TARGET01-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=946; FP-POS=3; FLASH=YES			946 Secs (946 Secs) *[==>]*	*[3]*
7	SDSS0011-0647 FP-3 (COS.sp.416042)	(61) TARGET01-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2104; FP-POS=3; FLASH=YES			2204 Secs (2204 Secs) *[==>]*	*[4]*
8	SDSS0011-0647 FP-4 (COS.sp.416042)	(61) TARGET01-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=420; FP-POS=4; FLASH=YES			420 Secs (420 Secs) *[==>]*	*[4]*
9	SDSS0011-0647 FP-4 (COS.sp.416042)	(61) TARGET01-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1800; FP-POS=4; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	*[5]*

Orbit Structure





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Exp. 8
GS Reacq
Occultation
Exp. 7
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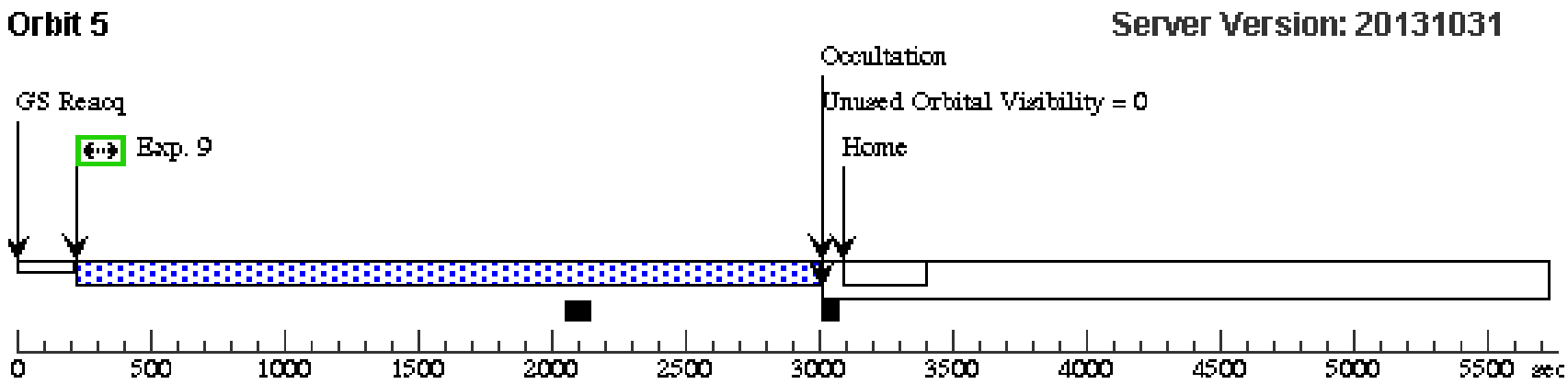
secs.


Orbit 5
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 9
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2000
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4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS1006+2337 (26), scheduling Tue Mar 11 01:28:33 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 300D TO 190 D; AFTER 2C BY 2 D TO 3 D; BETWEEN 01-JAN-2014:00:00:00 AND 31-MAR-2014:00:00:00; Period 0.1754424988 D AND ZERO-PHASE HJD2454540.57957

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day

Note from PC: This system requires multiple obsets.
This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.
Ephemeris from Chris Savoury, unpublished PhD thesis.

Diagnostics

(SDSS1006+2337 (26)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

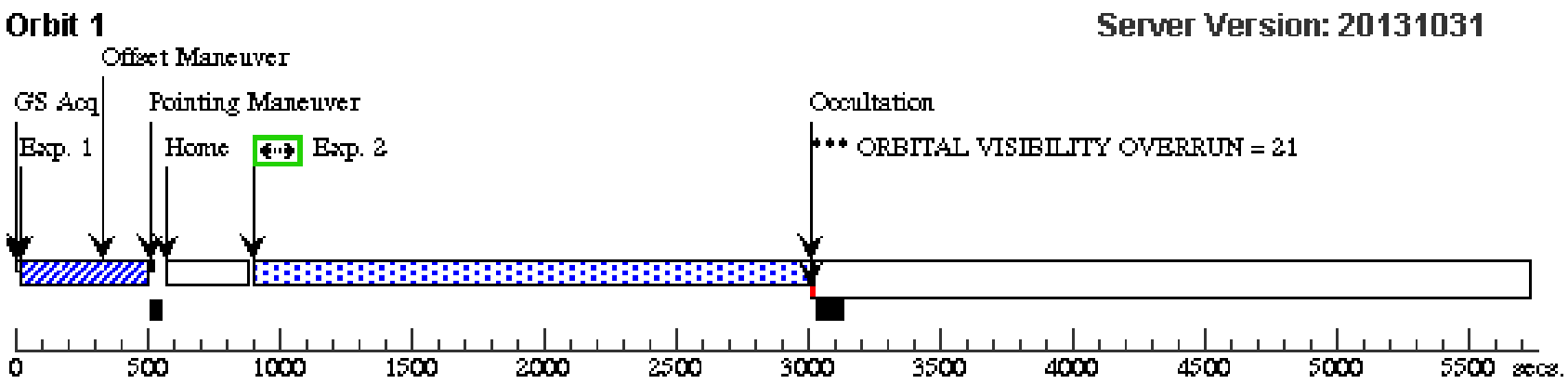
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(26)	SDSS1006+2337	RA: 10 06 58.4200 (151.7434167d) Dec: +23 37 24.60 (23.62350d) Equinox: J2000	Proper Motion RA: -20.2 mas/yr Proper Motion Dec: -25.7 mas/yr Epoch of Position: 2000.0	V=18.3+/-0.3 GALEX FUV=30microJy GALEX NUV=30microJy	Reference Frame: ICRS

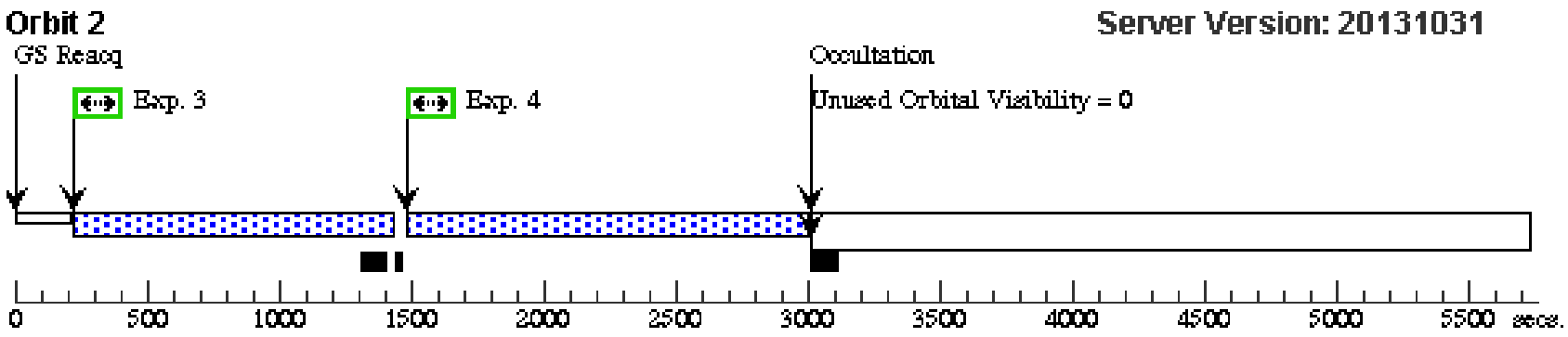
Comments: We obtained a Swift UVOT observation to confirm the low GALEX flux: on MJD 56450.58, the flux in the UVM2 filter (2231A) was 1.80 +/- 0.16 e-16 erg/s/cm^2/A, or an AB mag 20.21 +/- 0.10.

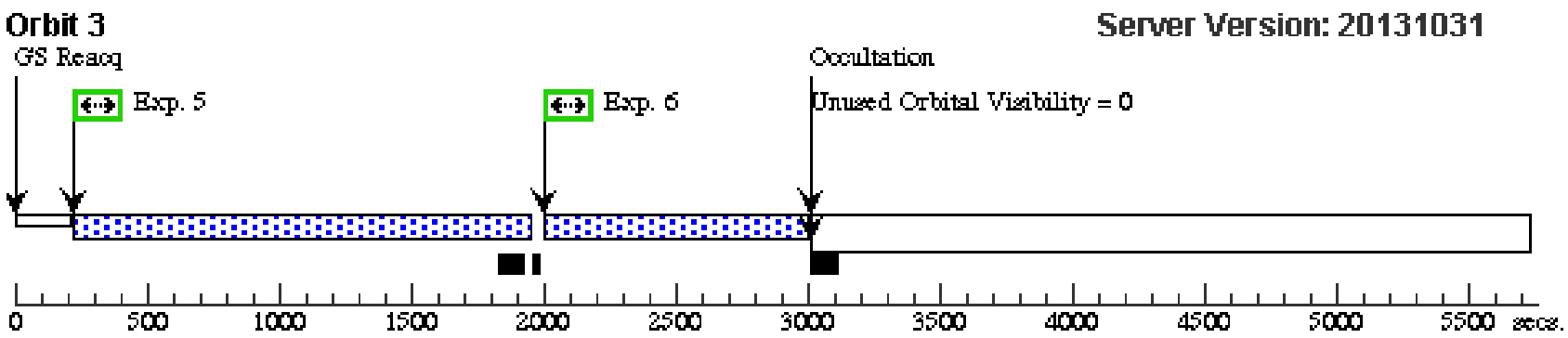
Exposures

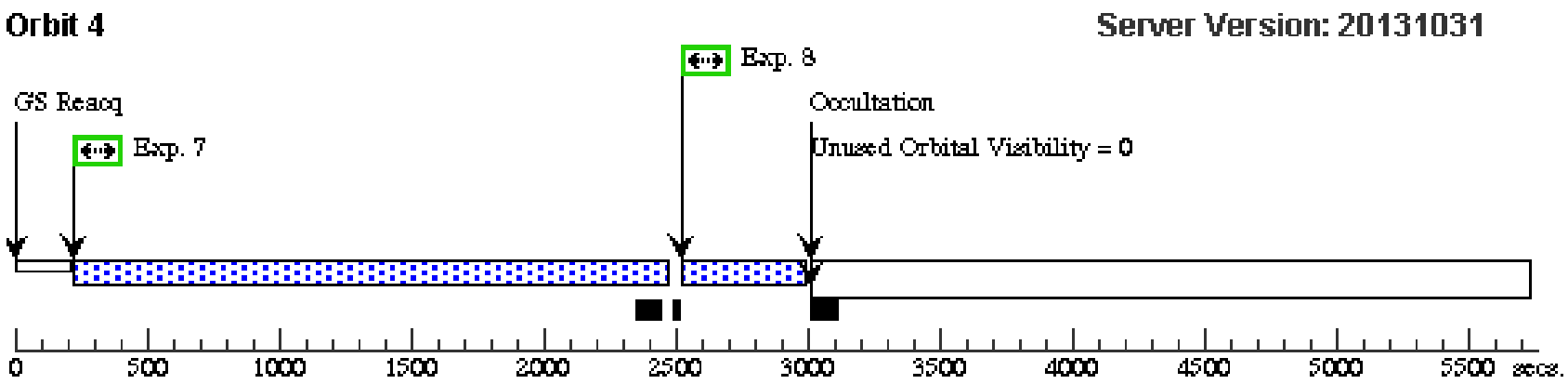
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1006+2337 ACQ (COS.ta.416045)	(26) SDSS1006+2337	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		PHASE 0.15 TO 0.85; USE OFFSET V26SAF; GS ACQ SCENARIO BASE1B3		40 Secs (40 Secs) [==>]	[1]
2	SDSS1006+2337 FP-1 (COS.sp.416046)	(26) SDSS1006+2337	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1891; FP-POS=1; FLASH=YES	USE OFFSET V26SAF; NEW OBSET; GS ACQ SCENARIO BASE1B3		1891 Secs (1891 Secs) [==>]	[1]
3	SDSS1006+2337 FP-1 (COS.sp.416046)	(26) SDSS1006+2337	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1058; FP-POS=1; FLASH=YES	USE OFFSET V26SAF		1158 Secs (1158 Secs) [==>]	[2]
4	SDSS1006+2337 FP-2 (COS.sp.416046)	(26) SDSS1006+2337	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1466; FP-POS=2; FLASH=YES	USE OFFSET V26SAF		1466 Secs (1466 Secs) [==>]	[2]
5	SDSS1006+2337 FP-2 (COS.sp.416046)	(26) SDSS1006+2337	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1578; FP-POS=2; FLASH=YES	USE OFFSET V26SAF		1678 Secs (1678 Secs) [==>]	[3]
6	SDSS1006+2337 FP-3 (COS.sp.416046)	(26) SDSS1006+2337	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=946; FP-POS=3; FLASH=YES	USE OFFSET V26SAF		946 Secs (946 Secs) [==>]	[3]
7	SDSS1006+2337 FP-3 (COS.sp.416046)	(26) SDSS1006+2337	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2104; FP-POS=3; FLASH=YES	USE OFFSET V26SAF		2204 Secs (2204 Secs) [==>]	[4]
8	SDSS1006+2337 FP-4 (COS.sp.416046)	(26) SDSS1006+2337	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=420; FP-POS=4; FLASH=YES	USE OFFSET V26SAF		420 Secs (420 Secs) [==>]	[4]
9	SDSS1006+2337 FP-4 (COS.sp.416046)	(26) SDSS1006+2337	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1800; FP-POS=4; FLASH=YES	USE OFFSET V26SAF		2729 Secs (2729 Secs) [==>]	[5]

Orbit Structure





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GS Reacq
Occultation
Exp. 7
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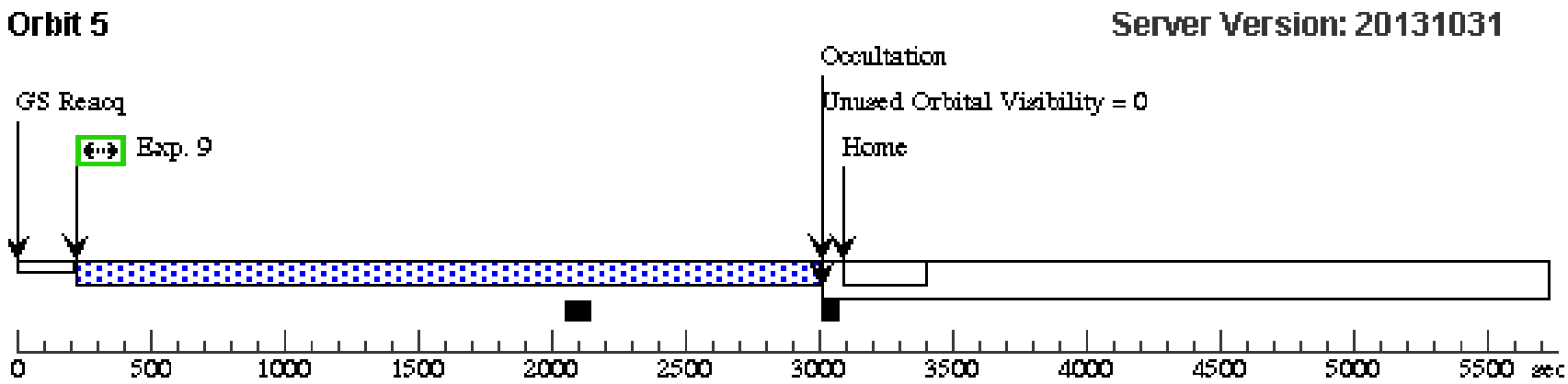
secs.


Orbit 5
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 9
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500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS1006+2337-BOP-ONLY (D1), withdrawn Tue Mar 11 01:28:34 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 300D TO 190 D; BETWEEN 01-JAN-2014:00:00:00 AND 31-MAR-2014:00:00:00; Period 0.1754424988 D AND ZERO-PHASE HJD2454540.57957

Comments: This visit is for BOP checking the safe target only and should not execute onboard HST.

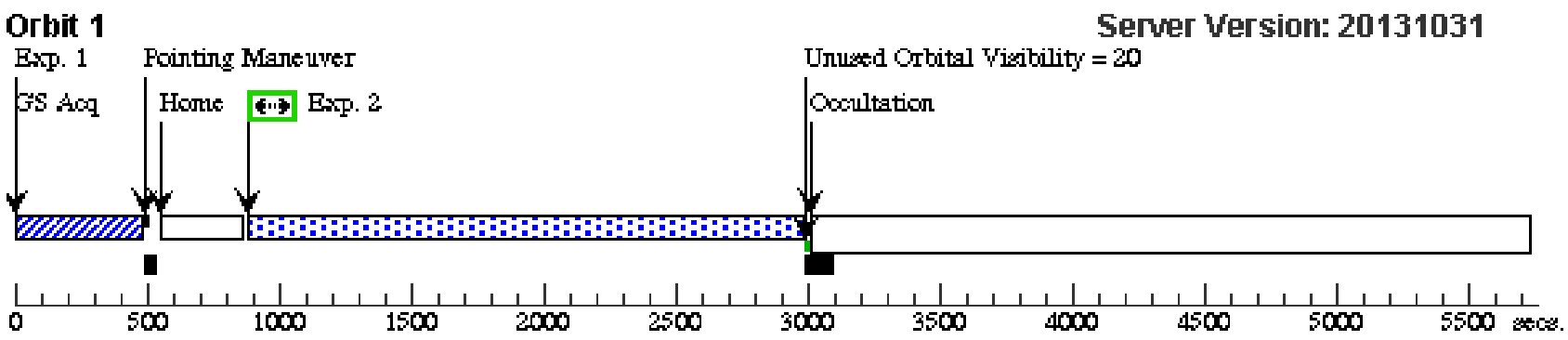
Fixed Targets

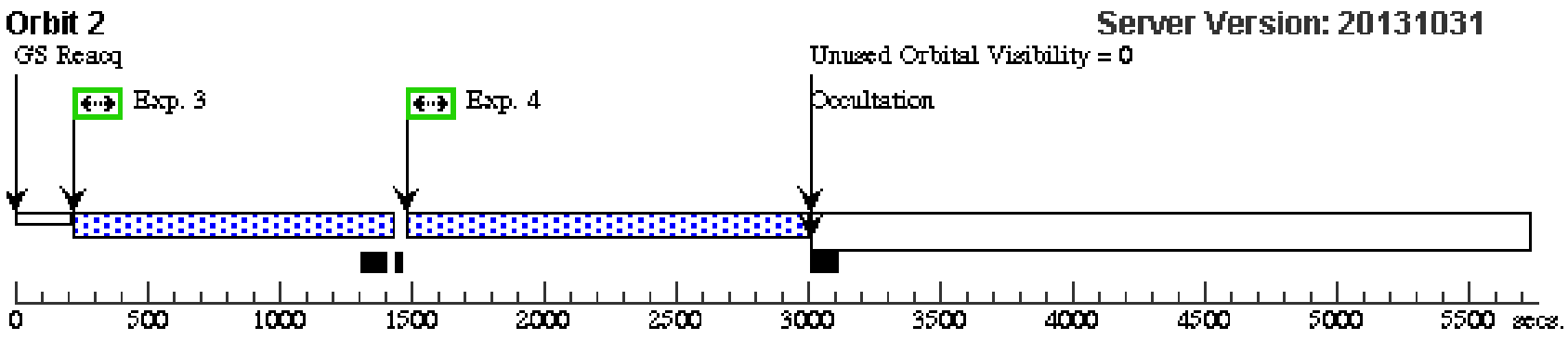
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(26)	SDSS1006+2337	RA: 10 06 58.4200 (151.7434167d) Dec: +23 37 24.60 (23.62350d) Equinox: J2000	Proper Motion RA: -20.2 mas/yr Proper Motion Dec: -25.7 mas/yr Epoch of Position: 2000.0	V=18.3+/-0.3 GALEX FUV=30microJy GALEX NUV=30microJy	Reference Frame: ICRS
Comments: We obtained a Swift UVOT observation to confirm the low GALEX flux: on MJD 56450.58, the flux in the UVM2 filter (2231A) was 1.80 +/- 0.16 e-16 erg/s/cm^2/A, or an AB mag 20.21 +/- 0.10.					
(97)	TARGET26-SAFE-TARGET	Offset from SDSS1006+2337 RA Offset: 0.68 Secs Dec Offset: -2.868 Arcsec		V=18.3+/-0.3	Offset Position (TARGET26-SAFE-TARGET)
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.801 arcseconds away at a PA 107 degrees from SDSS1006+2337.					

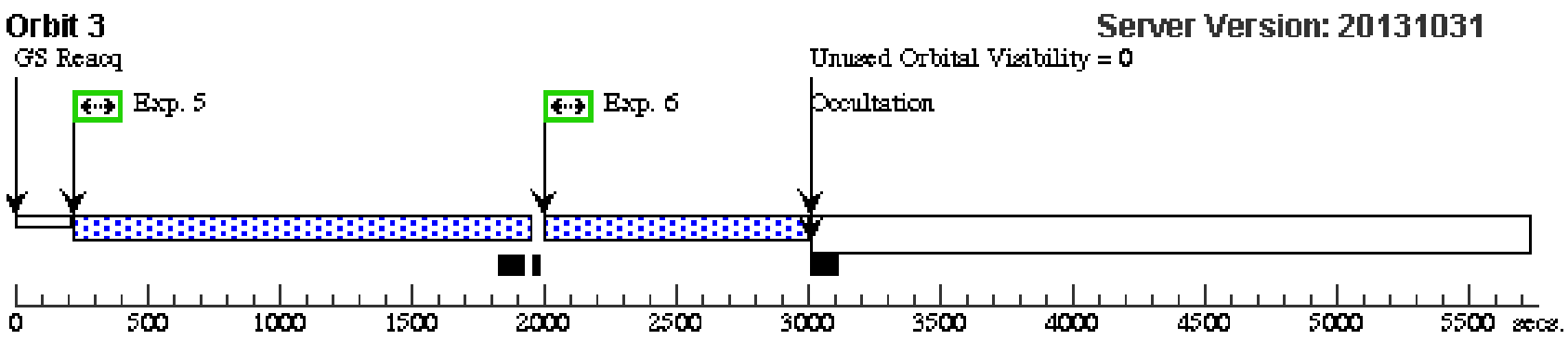
Exposures

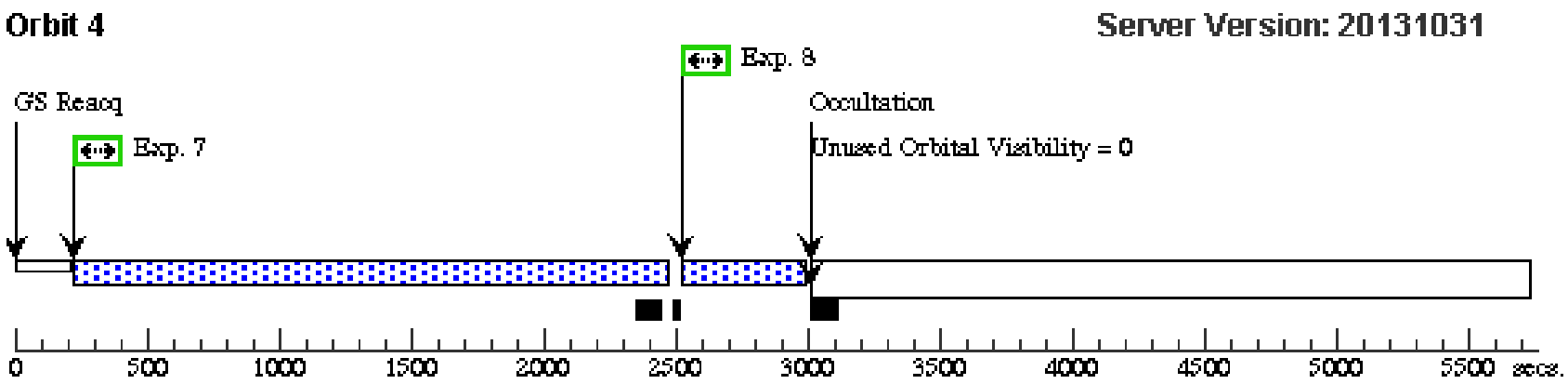
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1006+2337 ACQ (COS.ta.416045)	(97) TARGET26-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		PHASE 0.15 TO 0.85; GS ACQ SCENARIO BASE1B3		40 Secs (40 Secs) *[==>]*	*[1]*
2	SDSS1006+2337 FP-1 (COS.sp.416046)	(97) TARGET26-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1891; FP-POS=1; FLASH=YES	NEW OBSET; GS ACQ SCENARIO BASE1B3		1871 Secs (1871 Secs) *[==>]*	*[1]*
3	SDSS1006+2337 FP-1 (COS.sp.416046)	(97) TARGET26-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1058; FP-POS=1; FLASH=YES			1158 Secs (1158 Secs) *[==>]*	*[2]*
4	SDSS1006+2337 FP-2 (COS.sp.416046)	(97) TARGET26-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1466; FP-POS=2; FLASH=YES			1466 Secs (1466 Secs) *[==>]*	*[2]*
5	SDSS1006+2337 FP-2 (COS.sp.416046)	(97) TARGET26-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1578; FP-POS=2; FLASH=YES			1678 Secs (1678 Secs) *[==>]*	*[3]*
6	SDSS1006+2337 FP-3 (COS.sp.416046)	(97) TARGET26-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=946; FP-POS=3; FLASH=YES			946 Secs (946 Secs) *[==>]*	*[3]*
7	SDSS1006+2337 FP-3 (COS.sp.416046)	(97) TARGET26-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2104; FP-POS=3; FLASH=YES			2204 Secs (2204 Secs) *[==>]*	*[4]*
8	SDSS1006+2337 FP-4 (COS.sp.416046)	(97) TARGET26-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=420; FP-POS=4; FLASH=YES			420 Secs (420 Secs) *[==>]*	*[4]*
9	SDSS1006+2337 FP-4 (COS.sp.416046)	(97) TARGET26-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1800; FP-POS=4; FLASH=YES			2729 Secs (2729 Secs) *[==>]*	*[5]*

Orbit Structure





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GS Reacq
Occultation
Exp. 7
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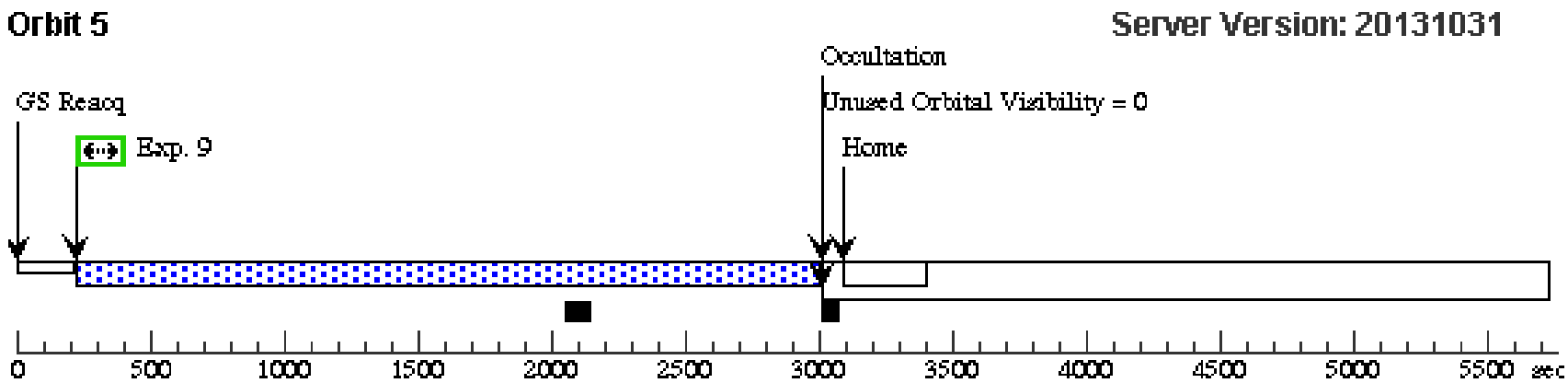
secs.


Orbit 5
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Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 9
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3500
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4500
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5500
sec

Visit

Proposal 12870, CC-Scl (27), completed Tue Mar 11 01:28:35 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 09-OCT-2012:00:00:00 AND 31-DEC-2012:00:00:00; BETWEEN 25-APR-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

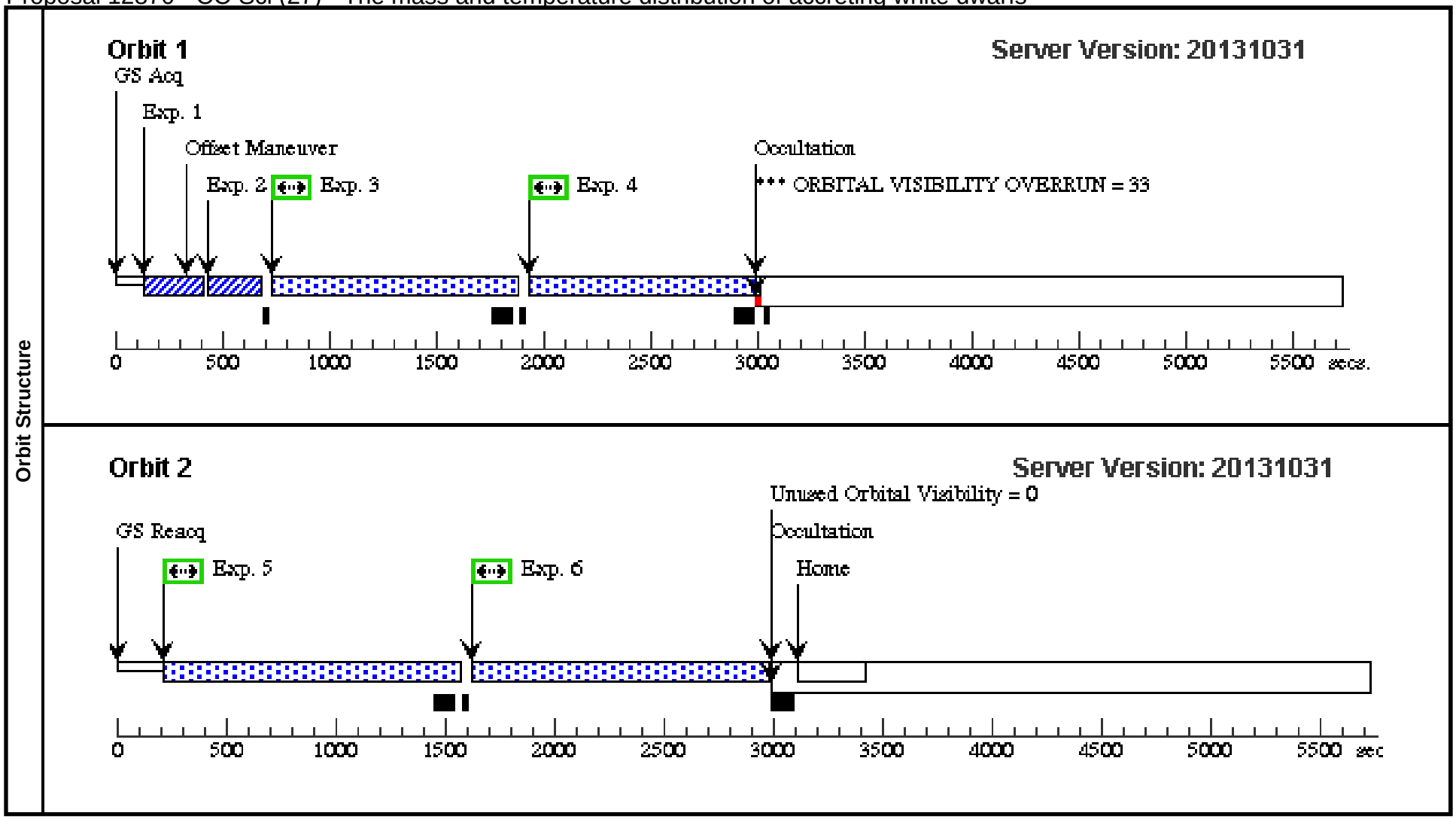
(CC-Scl (27)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(46)	CC-SCL	RA: 23 15 31.8600 (348.8827500d) Dec: -30 48 47.60 (-30.81322d) Equinox: J2000	Proper Motion RA: -41.2 mas/yr Proper Motion Dec: -61.4 mas/yr Epoch of Position: 2000.0	V=17.0+/-0.3 GALEX FUV=500microJy GALEX NUV=520microJy	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	CC-Scl ACQ/PEAKXD (COS.sa.416061)	(46) CC-SCL	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V27SAF		20 Secs (20 Secs) *[==>]*	*[1]*
2	CC-Scl ACQ/PEAKD (COS.sa.416061)	(46) CC-SCL	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V27SAF		20 Secs (20 Secs) *[==>]*	*[1]*
3	CC-Scl FP-1 (COS.sa.416061)	(46) CC-SCL	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=930; FP-POS=1; FLASH=YES	USE OFFSET V27SAF		1030 Secs (1030 Secs) *[==>]*	*[1]*
4	CC-Scl FP-2 (COS.sa.416061)	(46) CC-SCL	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=930; FP-POS=2; FLASH=YES	USE OFFSET V27SAF		1031 Secs (1031 Secs) *[==>]*	*[1]*
5	CC-Scl FP-3 (COS.sa.416061)	(46) CC-SCL	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1203; FP-POS=3; FLASH=YES	USE OFFSET V27SAF		1303 Secs (1303 Secs) *[==>]*	*[2]*
6	CC-Scl FP-4 (COS.sa.416061)	(46) CC-SCL	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1303; FP-POS=4; FLASH=YES	USE OFFSET V27SAF		1303 Secs (1303 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Offset Maneuver
Exp. 2
Exp. 3
Exp. 4
Occultation
*** ORBITAL VISIBILITY OVERRUN = 33
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Exp. 6
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, CC-Scl-BOP-ONLY (B5), withdrawn Tue Mar 11 01:28:35 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 09-OCT-2012:00:00:00 AND 31-DEC-2012:00:00:00; BETWEEN 25-APR-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

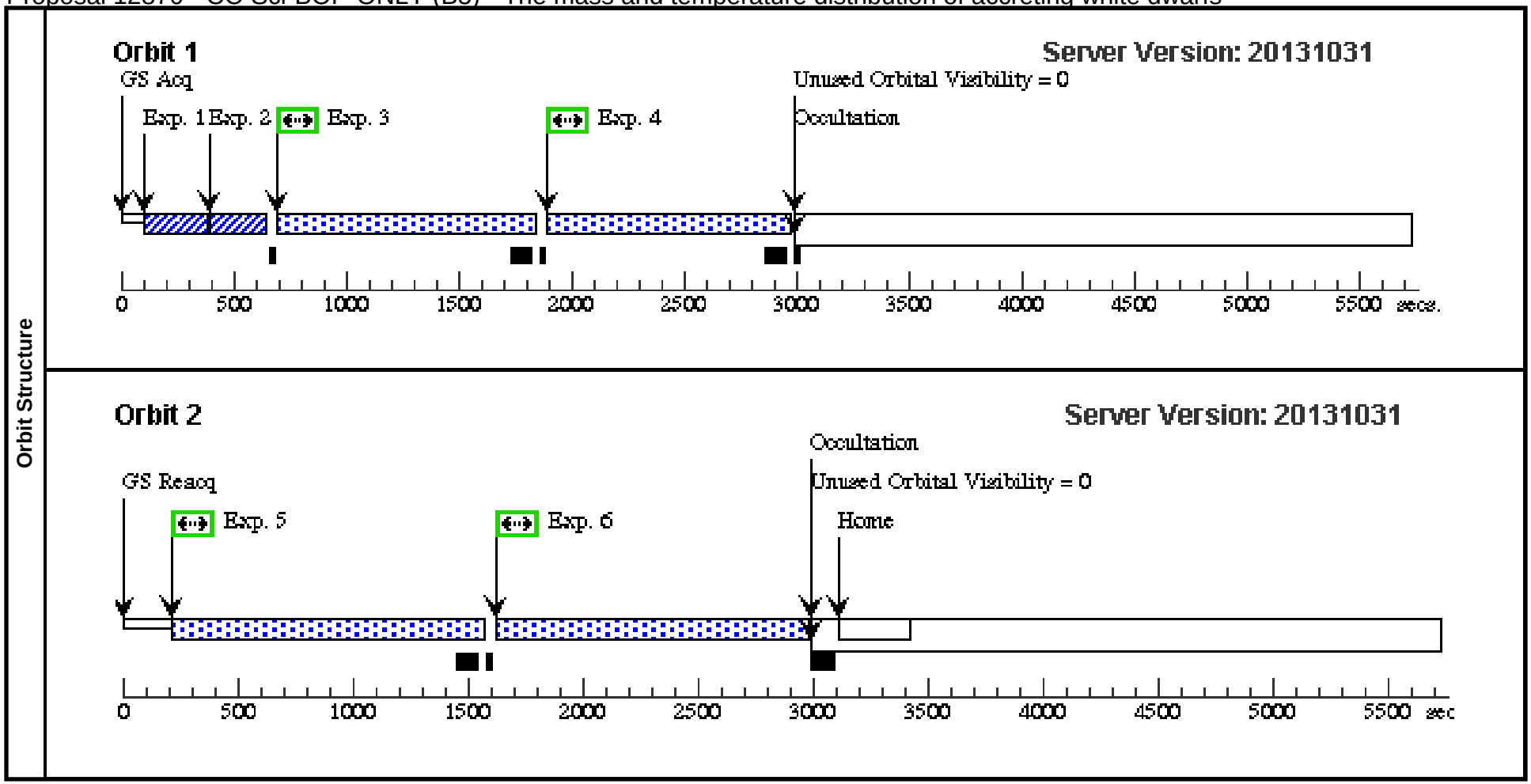
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(46)	CC-SCL	RA: 23 15 31.8600 (348.8827500d) Dec: -30 48 47.60 (-30.81322d) Equinox: J2000	Proper Motion RA: -41.2 mas/yr Proper Motion Dec: -61.4 mas/yr Epoch of Position: 2000.0	V=17.0+/-0.3 GALEX FUV=500microJy GALEX NUV=520microJy	Reference Frame: ICRS
(91)	TARGET46-SAFE-TARGET	Offset from CC-SCL RA Offset: -0.51 Secs Dec Offset: 7.197 Arcsec		V=17.0+/-0.3	Offset Position (TARGET46-SAFE-TARGET)

Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.803 arcseconds away at a PA 317.2 degrees from CC-SCL.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	CC-Scl ACQ/PEAKXD (COS.sa.416061)	(91) TARGET46-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				20 Secs (20 Secs) *[==>]*	*[1]*
2	CC-Scl ACQ/PEAKD (COS.sa.416061)	(91) TARGET46-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			20 Secs (20 Secs) *[==>]*	*[1]*
3	CC-Scl FP-1 (COS.sa.416061)	(91) TARGET46-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=930; FP-POS=1; FLASH=YES			1030 Secs (1030 Secs) *[==>]*	*[1]*
4	CC-Scl FP-2 (COS.sa.416061)	(91) TARGET46-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=930; FP-POS=2; FLASH=YES			1031 Secs (1031 Secs) *[==>]*	*[1]*
5	CC-Scl FP-3 (COS.sa.416061)	(91) TARGET46-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1203; FP-POS=3; FLASH=YES			1303 Secs (1303 Secs) *[==>]*	*[2]*
6	CC-Scl FP-4 (COS.sa.416061)	(91) TARGET46-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1303; FP-POS=4; FLASH=YES			1303 Secs (1303 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Unused Orbital Visibility = 0
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, OT-J213806.6+261957 (28), completed Tue Mar 11 01:28:36 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 15-JAN-2013:00:00:00 AND 10-OCT-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(OT-J213806.6+261957 (28)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

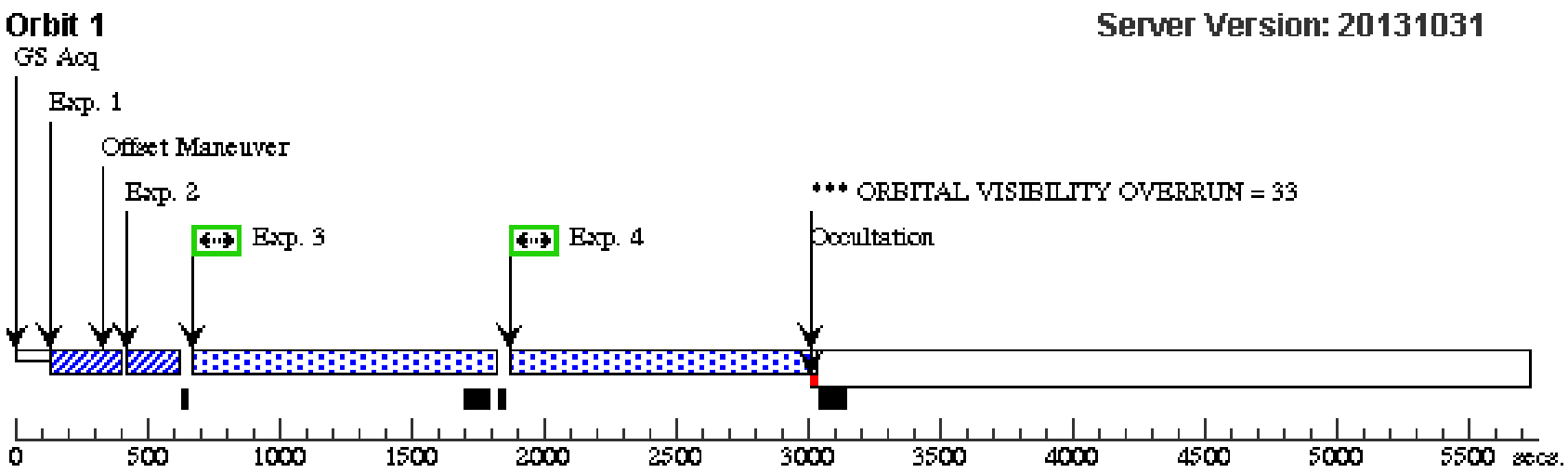
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(51)	OT-J213806.6+261957 Alt Name1: GALEX-J213806.6+261956	RA: 21 38 6.6940 (324.5278917d) Dec: +26 19 56.91 (26.33248d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2000.0	V=16.1+/-0.3 GALEX FUV=1262.45 +/- 33.59microJy GALEX NUV=1260.16 +/- 23.79microJy	Reference Frame: ICRS

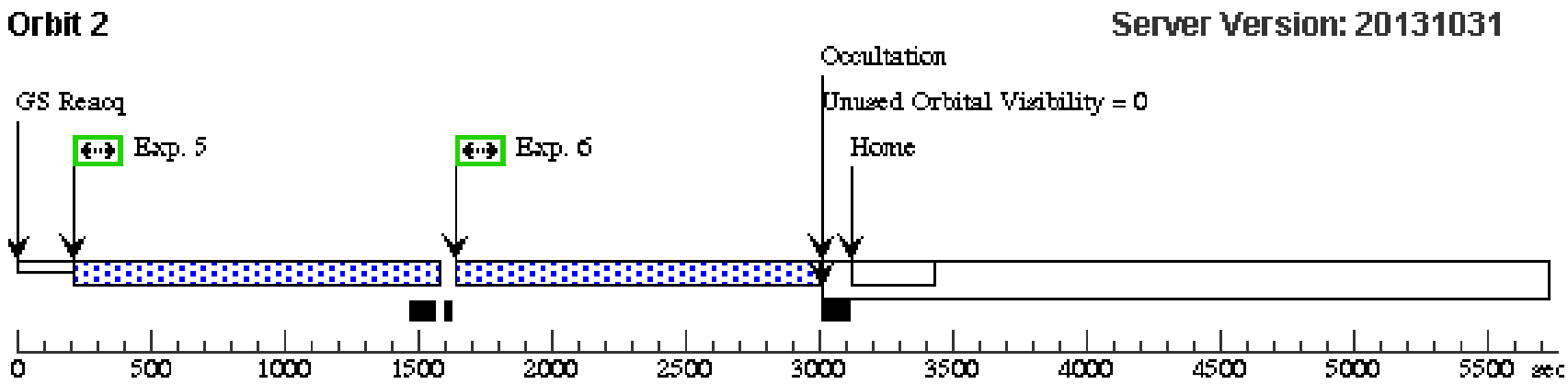
Comments: This is a WZ Sge type dwarf nova that went into outburst in May 2010 (http://www.cbat.eps.harvard.edu/iau/cbet/002200/CBET002273.txt), reaching V~8mag. The only other recorded outbursts was detected on a photographic plate from 1942 (http://www.astronomerstelegram.org/?read=2619). This cataclysmic variable has a nearby, very red, visual companion, most likely an M-dwarf that does contributed very little in the u-band, and will be entirely negligible in the UV. The (pre-outburst) GALEX fluxes of the CV are compatible with Teff~15000K (http://www.astronomerstelegram.org/?read=2605). We obtained deep u-band images using the Liverpool Telescope, from which derive the coordinates used here (i.e. these are JD-now, hence no proper motion applied). The quiescent magnitude is V~16.1.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	OT-J213806.6+261957 ACQ/PEAKXD (COS.sa.506594)	(51) OT-J213806.6+261957	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V28SAF		10 Secs (10 Secs) *[==>]*	*[1]*
	Comments: I ran a WD model for T=13800K, scaled to the observed GALEX fluxes, through the ETC, which gave 8sec - adding another 2sec to be a bit conservative.								
2	OT-J213806.6+261957 ACQ/PEAKD (COS.sa.506594)	(51) OT-J213806.6+261957	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V28SAF		10 Secs (10 Secs) *[==>]*	*[1]*
	Comments: I ran a WD model for T=13800K, scaled to the observed GALEX fluxes, through the ETC, which gave 8sec - adding another 2sec to be a bit conservative.								
3	OT-J213806.6+261957 FP-1 (COS.sp.416063)	(51) OT-J213806.6+261957	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=928; FP-POS=1; FLASH=YES	USE OFFSET V28SAF		1029 Secs (1029 Secs) *[==>]*	*[1]*
4	OT-J213806.6+261957 FP-2 (COS.sp.416063)	(51) OT-J213806.6+261957	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1108; FP-POS=2; FLASH=YES	USE OFFSET V28SAF		1108 Secs (1108 Secs) *[==>]*	*[1]*
5	OT-J213806.6+261957 FP-3 (COS.sp.416063)	(51) OT-J213806.6+261957	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1216; FP-POS=3; FLASH=YES	USE OFFSET V28SAF		1316 Secs (1316 Secs) *[==>]*	*[2]*
6	OT-J213806.6+261957 FP-4 (COS.sp.416063)	(51) OT-J213806.6+261957	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1306; FP-POS=4; FLASH=YES	USE OFFSET V28SAF		1306 Secs (1306 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 12870, OT-J213806.6+261957-BOP-ONLY (B7), withdrawn Tue Mar 11 01:28:36 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 15-JAN-2013:00:00:00 AND 10-OCT-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(51)	OT-J213806.6+261957 Alt Name1: GALEX-J213806.6+261956	RA: 21 38 6.6940 (324.5278917d) Dec: +26 19 56.91 (26.33248d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2000.0	V=16.1+/-0.3 GALEX FUV=1262.45 +/- 33.59microJy GALEX NUV=1260.16 +/- 23.79microJy	Reference Frame: ICRS

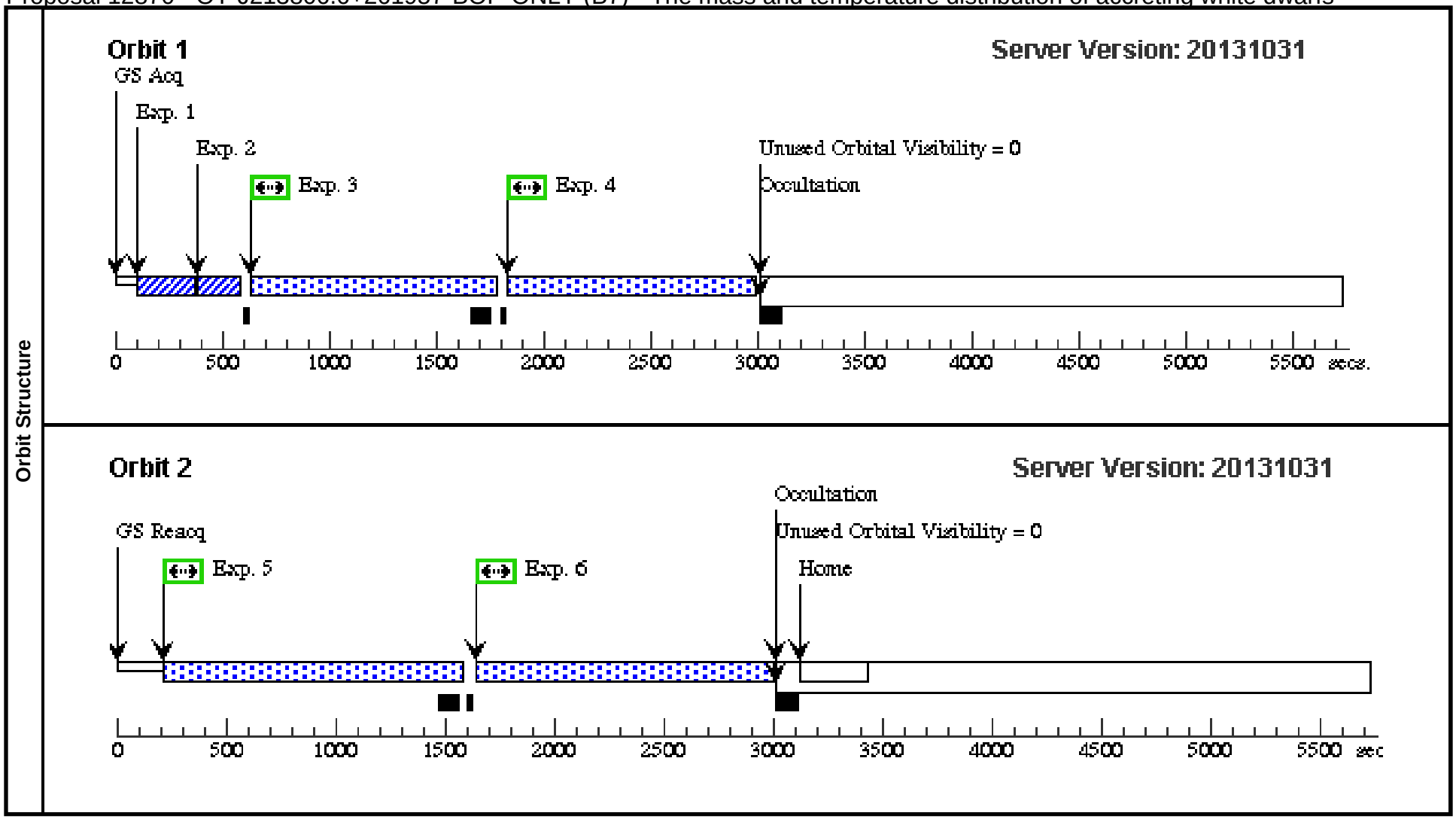
Comments: This is a WZ Sge type dwarf nova that went into outburst in May 2010 (http://www.cbat.eps.harvard.edu/iau/cbet/002200/CBET002273.txt), reaching V~8mag. The only other recorded outbursts was detected on a photographic plate from 1942 (http://www.astronomerstelegram.org/?read=2619). This cataclysmic variable has a nearby, very red, visual companion, most likely an M-dwarf that does contributed very little in the u-band, and will be entirely negligible in the UV. The (pre-outburst) GALEX fluxes of the CV are compatible with Teff~15000K (http://www.astronomerstelegram.org/?read=2605). We obtained deep u-band images using the Liverpool Telescope, from which derive the coordinates used here (i.e. these are JD-now, hence no proper motion applied). The quiescent magnitude is V~16.1.

(94)	TARGET51-SAFE-TARGET Alt Name1: GALEX-J213806.6+261956	Offset from OT-J213806.6+261957 RA Offset: -0.36 Secs Dec Offset: -8.591 Arcsec		V=16.1+/-0.3	Offset Position (TARGET51-SAFE-TARGET)

Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.871 arcseconds away at a PA 209.5 degrees from OT-J213806.6+261957.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	OT-J213806.6+261957 ACQ/PEAKXD (COS.sa.506594)	(94) TARGET51-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				10 Secs (10 Secs) *[==>]*	*[1]*
Comments: I ran a WD model for T=13800K, scaled to the observed GALEX fluxes, through the ETC, which gave 8sec - adding another 2sec to be a bit conservative.									
2	OT-J213806.6+261957 ACQ/PEAKD (COS.sa.506594)	(94) TARGET51-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			10 Secs (10 Secs) *[==>]*	*[1]*
Comments: I ran a WD model for T=13800K, scaled to the observed GALEX fluxes, through the ETC, which gave 8sec - adding another 2sec to be a bit conservative.									
3	OT-J213806.6+261957 FP-1 (COS.sp.416063)	(94) TARGET51-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=928; FP-POS=1; FLASH=YES			1029 Secs (1029 Secs) *[==>]*	*[1]*
4	OT-J213806.6+261957 FP-2 (COS.sp.416063)	(94) TARGET51-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1108; FP-POS=2; FLASH=YES			1108 Secs (1108 Secs) *[==>]*	*[1]*
5	OT-J213806.6+261957 FP-3 (COS.sp.416063)	(94) TARGET51-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1216; FP-POS=3; FLASH=YES			1316 Secs (1316 Secs) *[==>]*	*[2]*
6	OT-J213806.6+261957 FP-4 (COS.sp.416063)	(94) TARGET51-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1306; FP-POS=4; FLASH=YES			1306 Secs (1306 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, MR-UMa (29), completed Tue Mar 11 01:28:37 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 115D TO 315 D

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

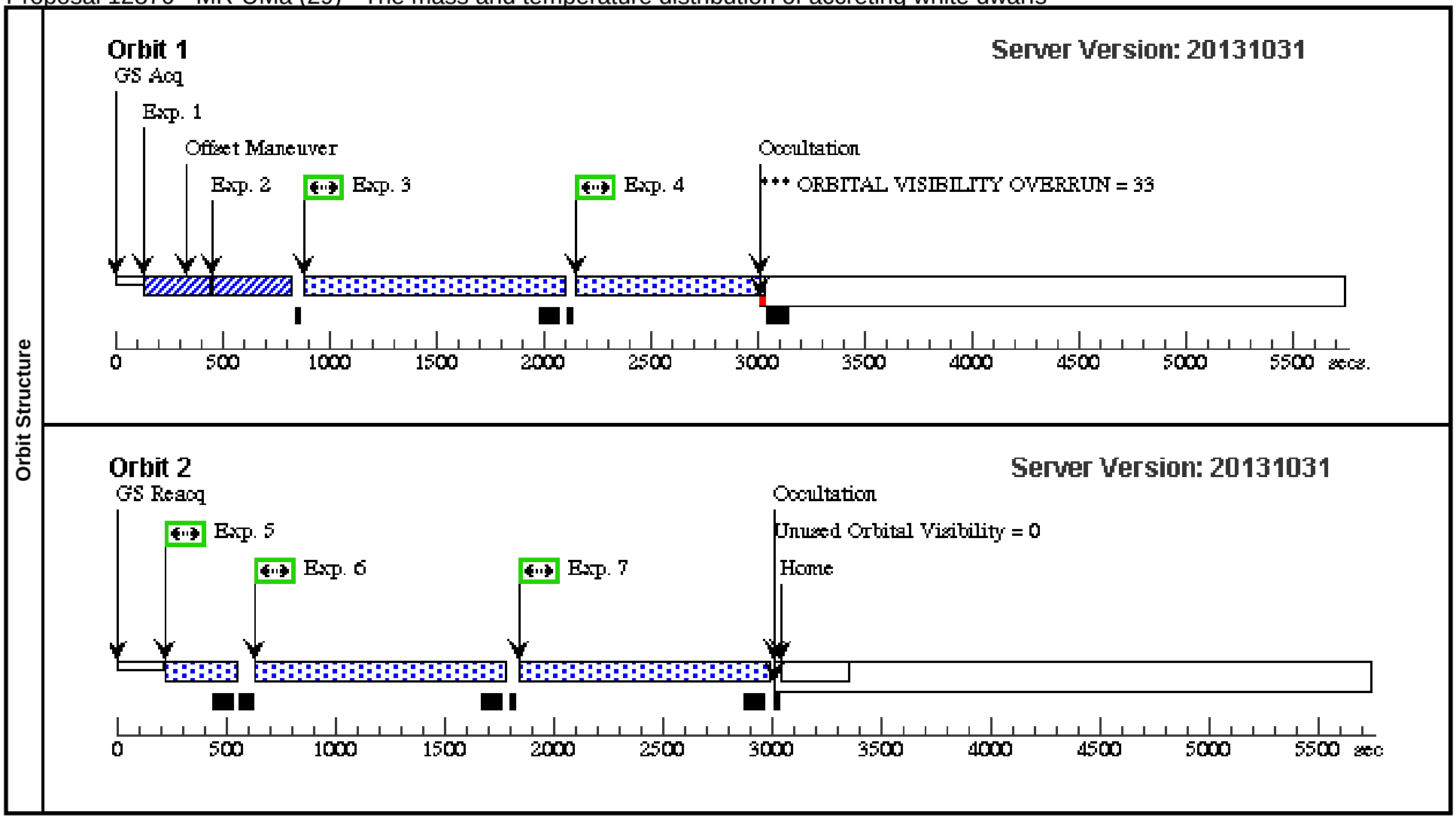
(MR-UMa (29)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(52)	MR-UMA	RA: 11 31 22.3900 (172.8432917d) Dec: +43 22 38.50 (43.37736d) Equinox: J2000	Epoch of Position: 2000.0	V=16.7+/-0.3	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	MR-UMa ACQ/PEAKXD (COS.sa.416263)	(52) MR-UMA	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V29SAF		45 Secs (45 Secs) *[==>]*	*[1]*
2	MR-UMa ACQ/PEAKD (COS.sa.416263)	(52) MR-UMA	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V29SAF		45 Secs (45 Secs) *[==>]*	*[1]*
3	MR-UMa FP-1 (COS.sp.416264)	(52) MR-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=1; FLASH=YES	USE OFFSET V29SAF		1100 Secs (1100 Secs) *[==>]*	*[1]*
4	MR-UMa FP-2 (COS.sp.416264)	(52) MR-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=824; FP-POS=2; FLASH=YES	USE OFFSET V29SAF		824 Secs (824 Secs) *[==>]*	*[1]*
5	MR-UMa FP-2 (COS.sp.416264)	(52) MR-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=185; FP-POS=2; FLASH=YES	USE OFFSET V29SAF		276 Secs (276 Secs) *[==>]*	*[2]*
6	MR-UMa FP-3 (COS.sp.416264)	(52) MR-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=3; FLASH=YES	USE OFFSET V29SAF		1100 Secs (1100 Secs) *[==>]*	*[2]*
7	MR-UMa FP-4 (COS.sp.416264)	(52) MR-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=4; FLASH=YES	USE OFFSET V29SAF		1100 Secs (1100 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Offset Maneuver
Exp. 2
Exp. 3
Exp. 4
Occultation
*** ORBITAL VISIBILITY OVERRUN = 33
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
GS Reacq
Exp. 5
Exp. 6
Exp. 7
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, MR-UMa-BOP-ONLY (63), withdrawn Tue Mar 11 01:28:37 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 115D TO 315 D

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

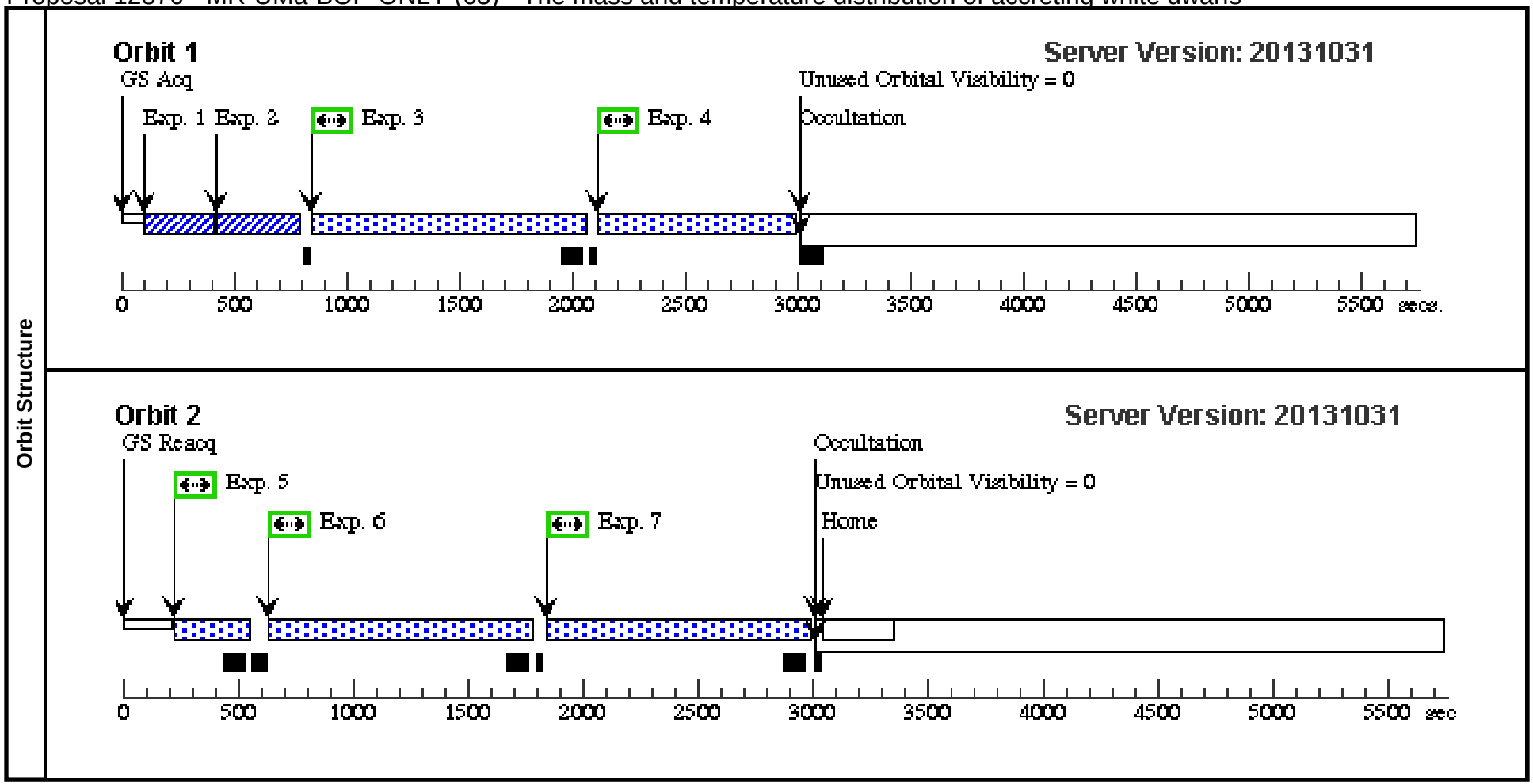
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(52)	MR-UMA	RA: 11 31 22.3900 (172.8432917d) Dec: +43 22 38.50 (43.37736d) Equinox: J2000	Epoch of Position: 2000.0	V=16.7+/-0.3	Reference Frame: ICRS
(58)	TARGET52-SAFE-TARGET	Offset from MR-UMA RA Offset: -0.71 Secs Dec Offset: -4.686 Arcsec		V=16.7+/-0.3	Offset Position (TARGET52-SAFE-TARGET)

Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.083 arcseconds away at a PA 238.9 degrees from MR-UMA.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	MR-UMa ACQ/PEAKXD (COS.sa.416263)	(58) TARGET52-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				45 Secs (45 Secs) *[==>]*	*[1]*
2	MR-UMa ACQ/PEAKD (COS.sa.416263)	(58) TARGET52-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			45 Secs (45 Secs) *[==>]*	*[1]*
3	MR-UMa FP-1 (COS.sp.416264)	(58) TARGET52-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=1; FLASH=YES			1100 Secs (1100 Secs) *[==>]*	*[1]*
4	MR-UMa FP-2 (COS.sp.416264)	(58) TARGET52-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=824; FP-POS=2; FLASH=YES			824 Secs (824 Secs) *[==>]*	*[1]*
5	MR-UMa FP-2 (COS.sp.416264)	(58) TARGET52-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=185; FP-POS=2; FLASH=YES			276 Secs (276 Secs) *[==>]*	*[2]*
6	MR-UMa FP-3 (COS.sp.416264)	(58) TARGET52-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=3; FLASH=YES			1100 Secs (1100 Secs) *[==>]*	*[2]*
7	MR-UMa FP-4 (COS.sp.416264)	(58) TARGET52-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=4; FLASH=YES			1100 Secs (1100 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
GS Reacq
Exp. 5
Exp. 6
Exp. 7
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS1538+5128 (30), completed Tue Mar 11 01:28:38 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 15D TO 265 D; BETWEEN 15-DEC-2012:00:00:00 AND 10-OCT-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

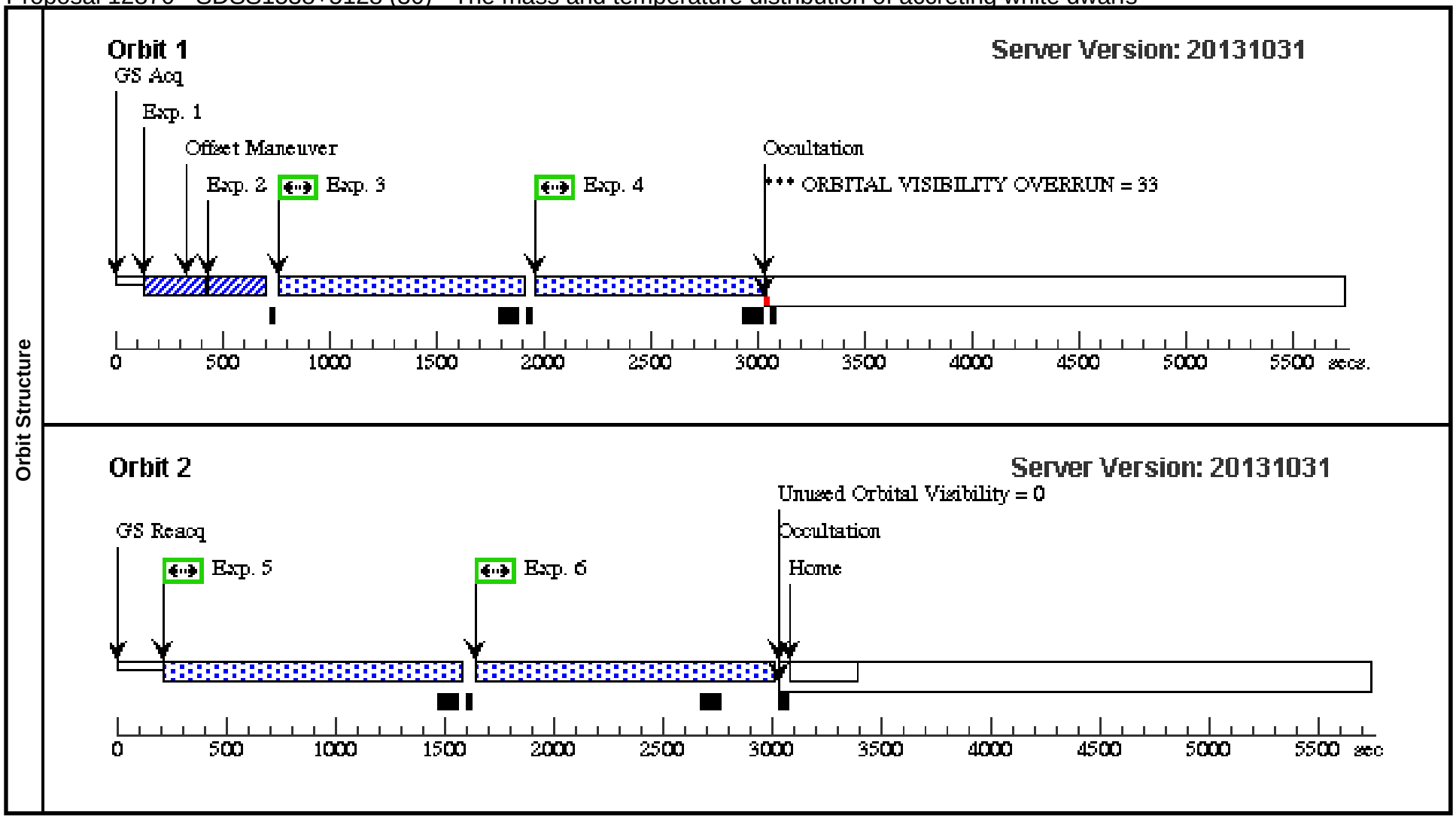
(SDSS1538+5128 (30)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(53)	SDSSJ1538+5123	RA: 15 38 17.3100 (234.5721250d) Dec: +51 23 38.00 (51.39389d) Equinox: J2000	Proper Motion RA: 4.0 mas/yr Proper Motion Dec: -1.0 mas/yr Epoch of Position: 2000.0	V=18.6+/-0.3	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	SDSS1538+5128 ACQ/PEAKXD (COS.sa.416266)	(53) SDSSJ1538+5123	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V30SAF		25 Secs (25 Secs) *[==>]*	*[1]*
2	SDSS1538+5128 ACQ/PEAKD (COS.sa.416266)	(53) SDSSJ1538+5123	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V30SAF		25 Secs (25 Secs) *[==>]*	*[1]*
3	SDSS1538+5128 FP-1 (COS.sp.416267)	(53) SDSSJ1538+5123	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=932; FP-POS=1; FLASH=YES	USE OFFSET V30SAF		1032 Secs (1032 Secs) *[==>]*	*[1]*
4	SDSS1538+5128 FP-2 (COS.sp.416267)	(53) SDSSJ1538+5123	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=930; FP-POS=2; FLASH=YES	USE OFFSET V30SAF		1032 Secs (1032 Secs) *[==>]*	*[1]*
5	SDSS1538+5128 FP-3 (COS.sp.416267)	(53) SDSSJ1538+5123	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1219; FP-POS=3; FLASH=YES	USE OFFSET V30SAF		1319 Secs (1319 Secs) *[==>]*	*[2]*
6	SDSS1538+5128 FP-4 (COS.sp.416267COS.sp.416267)	(53) SDSSJ1538+5123	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=4; FLASH=YES	USE OFFSET V30SAF		1320 Secs (1320 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Offset Maneuver
Exp. 2
Exp. 3
Exp. 4
Occultation
*** ORBITAL VISIBILITY OVERRUN = 33
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Exp. 6
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS1538+5128-BOP-ONLY (97), withdrawn Tue Mar 11 01:28:38 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 15D TO 265 D; BETWEEN 15-DEC-2012:00:00:00 AND 10-OCT-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

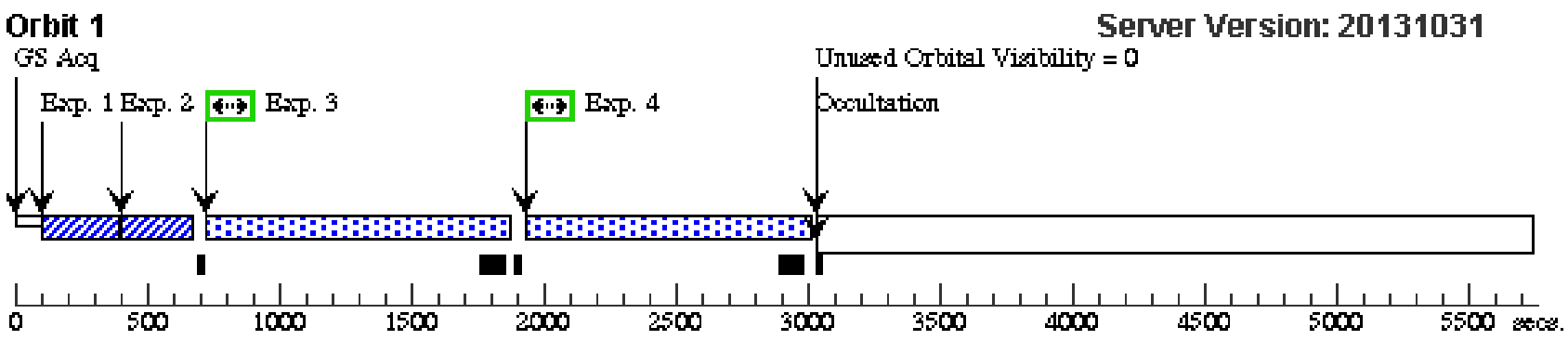
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(53)	SDSSJ1538+5123	RA: 15 38 17.3100 (234.5721250d) Dec: +51 23 38.00 (51.39389d) Equinox: J2000	Proper Motion RA: 4.0 mas/yr Proper Motion Dec: -1.0 mas/yr Epoch of Position: 2000.0	V=18.6+/-0.3	Reference Frame: ICRS
(85)	TARGET53-SAFE-TARGET	Offset from SDSSJ1538+5123 RA Offset: -0.03 Secs Dec Offset: -9.875 Arcsec		V=18.6+/-0.3	Offset Position (TARGET53-SAFE-TARGET)

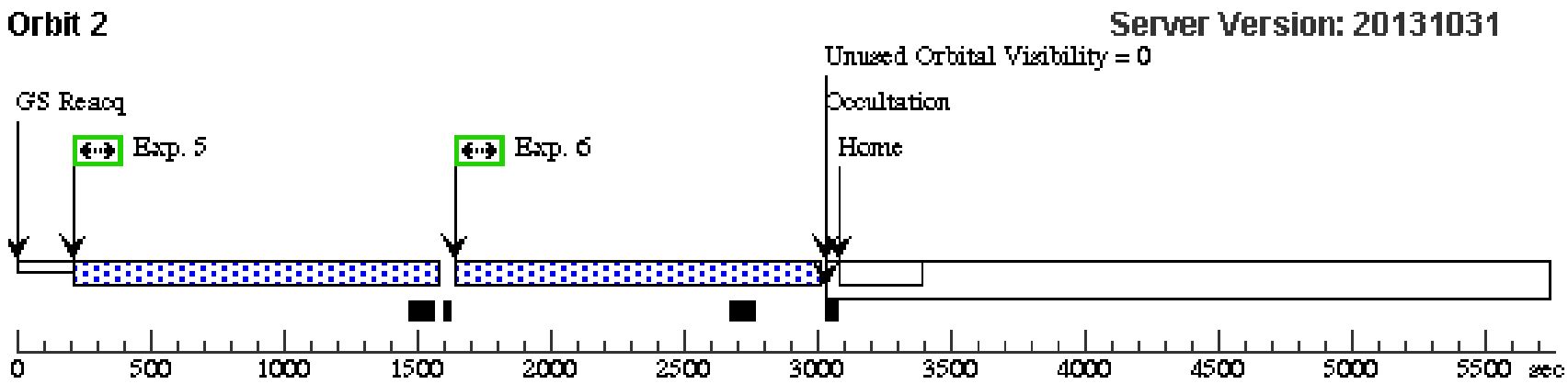
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.881 arcseconds away at a PA 181.8 degrees from SDSSJ1538+5123.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1538+5128 ACQ/PEAKXD (COS.sa.416266)	(85) TARGET53-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				25 Secs (25 Secs) *[==>]*	*[1]*
2	SDSS1538+5128 ACQ/PEAKD (COS.sa.416266)	(85) TARGET53-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			25 Secs (25 Secs) *[==>]*	*[1]*
3	SDSS1538+5128 FP-1 (COS.sp.416267)	(85) TARGET53-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=932; FP-POS=1; FLASH=YES			1032 Secs (1032 Secs) *[==>]*	*[1]*
4	SDSS1538+5128 FP-2 (COS.sp.416267)	(85) TARGET53-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=930; FP-POS=2; FLASH=YES			1032 Secs (1032 Secs) *[==>]*	*[1]*
5	SDSS1538+5128 FP-3 (COS.sp.416267)	(85) TARGET53-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1219; FP-POS=3; FLASH=YES			1319 Secs (1319 Secs) *[==>]*	*[2]*
6	SDSS1538+5128 FP-4 (COS.sp.416267COS.sp.416267)	(85) TARGET53-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=4; FLASH=YES			1320 Secs (1320 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 12870, SDSS0932+4725 (31), completed Tue Mar 11 01:28:39 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 95D TO 335 D; BETWEEN 09-OCT-2012:00:00:00 AND 15-JUN-2013:00:00:00; Period 0.06630354 D AND ZERO-PHASE HJD2453106.68411

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

Ephemeris from Shears et al. 2012

Diagnostics

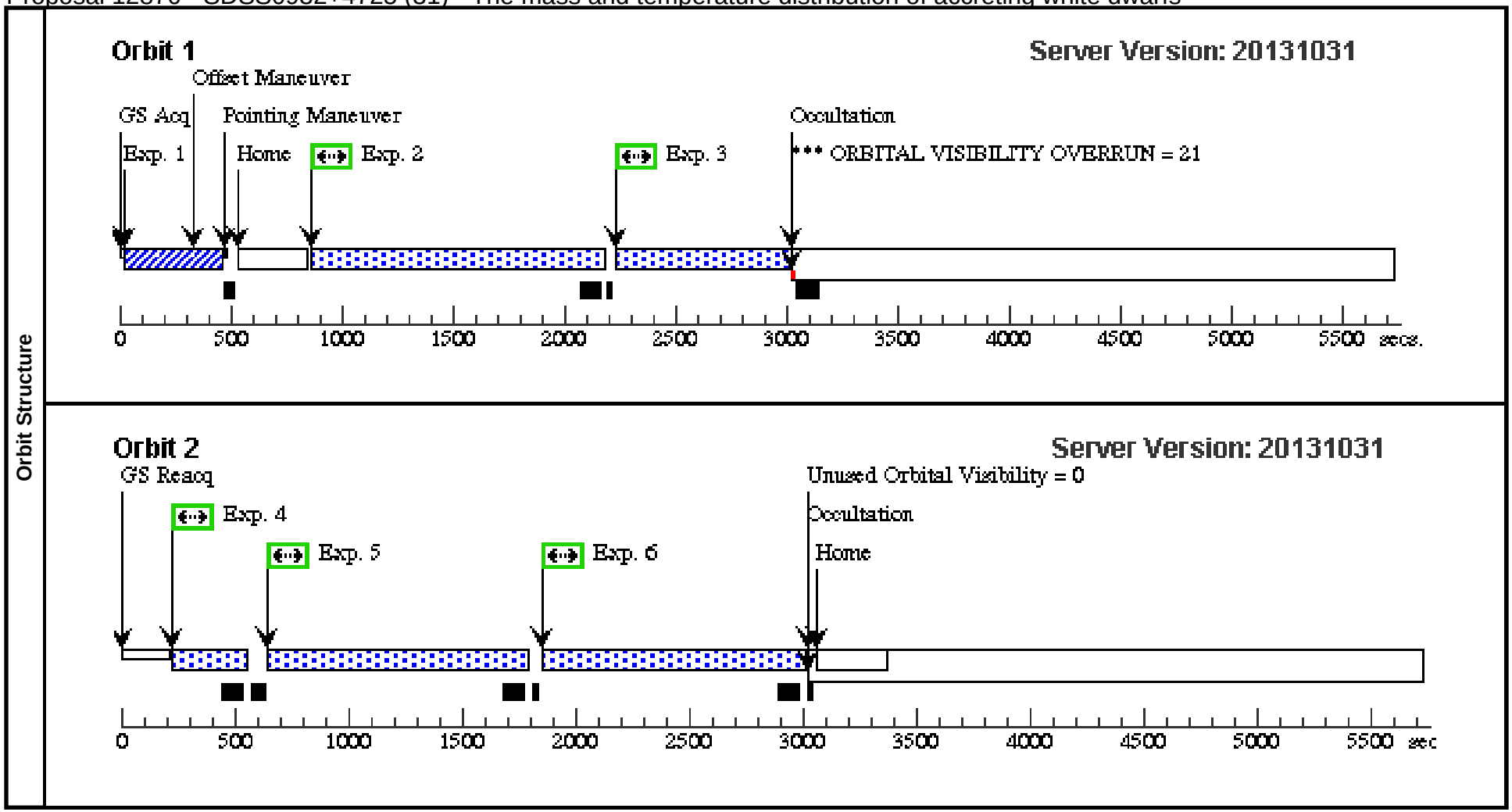
(SDSS0932+4725 (31)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	SDSS0932+4725	RA: 09 32 49.5800 (143.2065833d) Dec: +47 25 23.20 (47.42311d) Equinox: J2000	Proper Motion RA: 8.4 mas/yr Proper Motion Dec: 4.4 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3 GALEX FUV=11microJy GALEX NUV=38microJy	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	SDSS0932+4725 ACQ (COS.ta.416268)	(23) SDSS0932+4725	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		PHASE 0.15 TO 0.80; USE OFFSET V31SAF		20 Secs (20 Secs) *[==>]*	*[1]*
2	SDSS0932+4725 FP-1 (COS.sp.416269)	(23) SDSS0932+4725	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=1; FLASH=YES	USE OFFSET V31SAF; NEW OBSET		1094 Secs (1094 Secs) *[==>]*	*[1]*
3	SDSS0932+4725 FP-2 (COS.sp.416269)	(23) SDSS0932+4725	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=741; FP-POS=2; FLASH=YES	USE OFFSET V31SAF		741 Secs (741 Secs) *[==>]*	*[1]*
4	SDSS0932+4725 FP-2 (COS.sp.416269)	(23) SDSS0932+4725	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=185; FP-POS=2; FLASH=YES	USE OFFSET V31SAF		285 Secs (285 Secs) *[==>]*	*[2]*
5	SDSS0932+4725 FP-3 (COS.sp.416269)	(23) SDSS0932+4725	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=3; FLASH=YES	USE OFFSET V31SAF		1102 Secs (1102 Secs) *[==>]*	*[2]*
6	SDSS0932+4725 FP-4 (COS.sp.416269)	(23) SDSS0932+4725	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=4; FLASH=YES	USE OFFSET V31SAF		1103 Secs (1103 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
Offset Maneuver
GS Acq
Pointing Maneuver
Occultation
Exp. 1
Home
Exp. 2
Exp. 3
*** ORBITAL VISIBILITY OVERRUN = 21
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
GS Reacq
Unused Orbital Visibility = 0
Exp. 4
Occultation
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS0932+4725-BOP-ONLY (43), withdrawn Tue Mar 11 01:28:39 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 95D TO 335 D; BETWEEN 09-OCT-2012:00:00:00 AND 15-JUN-2013:00:00:00; Period 0.06630354 D AND ZERO-PHASE HJD2453106.68411

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

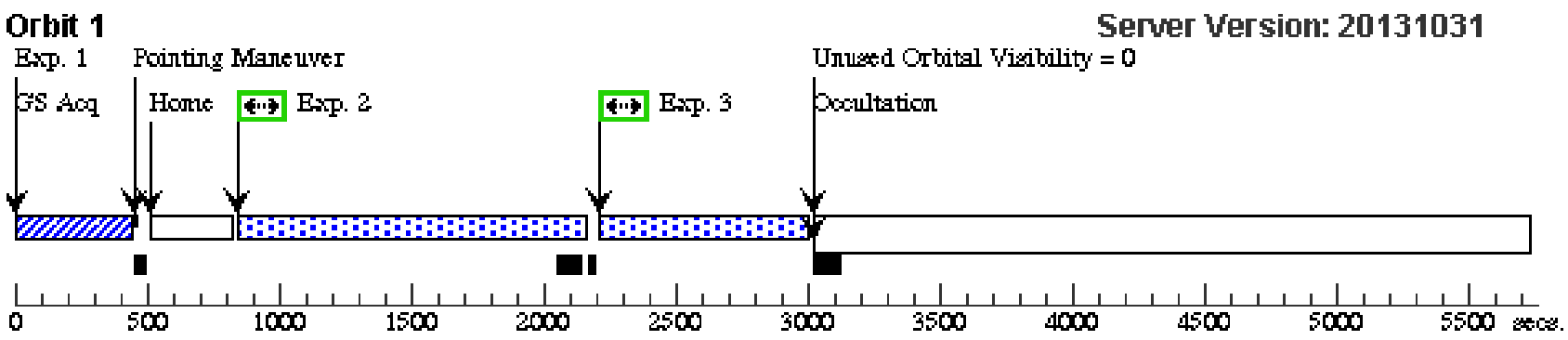
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	SDSS0932+4725	RA: 09 32 49.5800 (143.2065833d) Dec: +47 25 23.20 (47.42311d) Equinox: J2000	Proper Motion RA: 8.4 mas/yr Proper Motion Dec: 4.4 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3 GALEX FUV=11microJy GALEX NUV=38microJy	Reference Frame: ICRS
(67)	TARGET23-SAFE-TARGET	Offset from SDSS0932+4725 RA Offset: -0.85 Secs Dec Offset: -2.431 Arcsec		V=17.9+/-0.3	Offset Position (TARGET23-SAFE-TARGET)

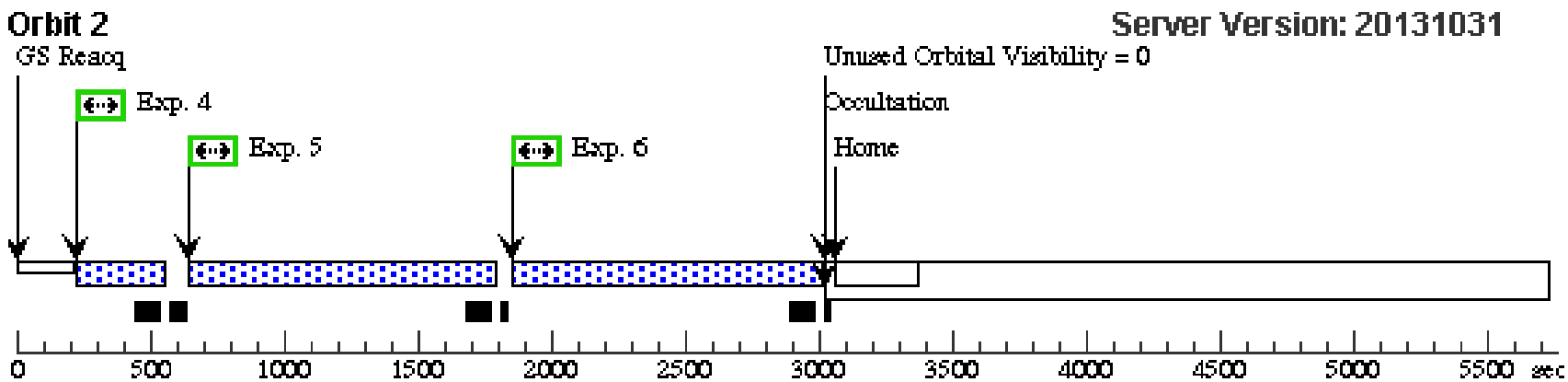
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.021 arcseconds away at a PA 254.4 degrees from SDSS0932+4725.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS0932+4725 ACQ (COS.ta.416268)	(67) TARGET23-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		PHASE 0.15 TO 0.80		20 Secs (20 Secs) *[==>]*	*[1]*
2	SDSS0932+4725 FP-1 (COS.sp.416269)	(67) TARGET23-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=1; FLASH=YES	NEW OBSET		1094 Secs (1094 Secs) *[==>]*	*[1]*
3	SDSS0932+4725 FP-2 (COS.sp.416269)	(67) TARGET23-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=741; FP-POS=2; FLASH=YES			741 Secs (741 Secs) *[==>]*	*[1]*
4	SDSS0932+4725 FP-2 (COS.sp.416269)	(67) TARGET23-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=185; FP-POS=2; FLASH=YES			285 Secs (285 Secs) *[==>]*	*[2]*
5	SDSS0932+4725 FP-3 (COS.sp.416269)	(67) TARGET23-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=3; FLASH=YES			1102 Secs (1102 Secs) *[==>]*	*[2]*
6	SDSS0932+4725 FP-4 (COS.sp.416269)	(67) TARGET23-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1000; FP-POS=4; FLASH=YES			1103 Secs (1103 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 12870, CU-Vel (32), completed Tue Mar 11 01:28:40 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 220D TO 110 D; BETWEEN 15-OCT-2012:00:00:00 AND 20-JUN-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(CU-Vel (32)) Warning (Orbit Planner): VISIBILITY OVERRUN

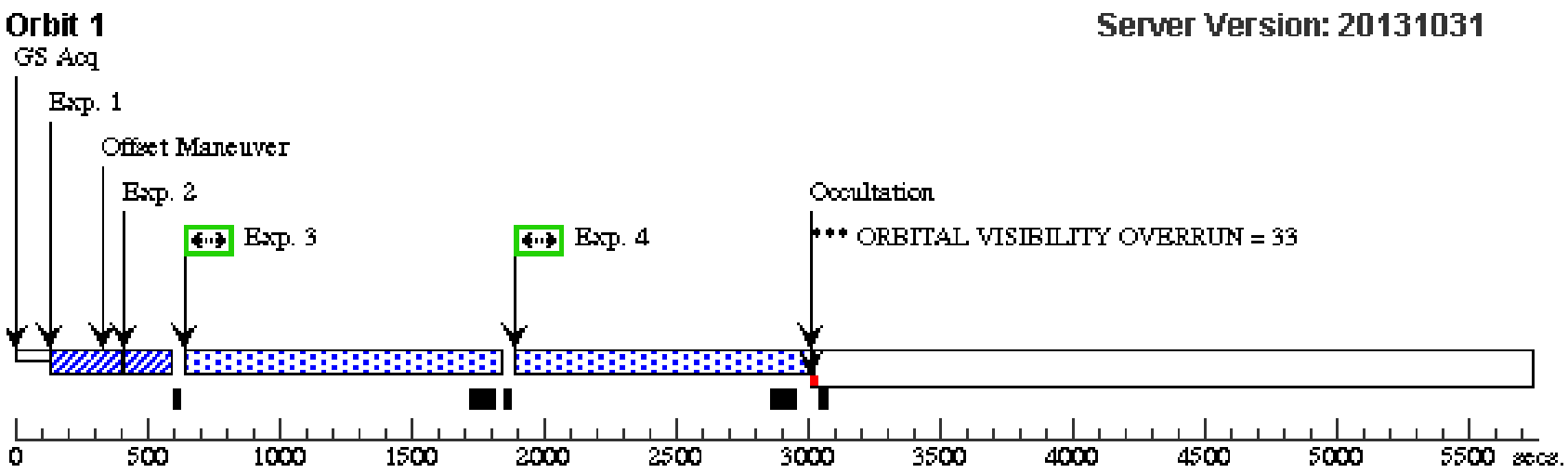
Fixed Targets

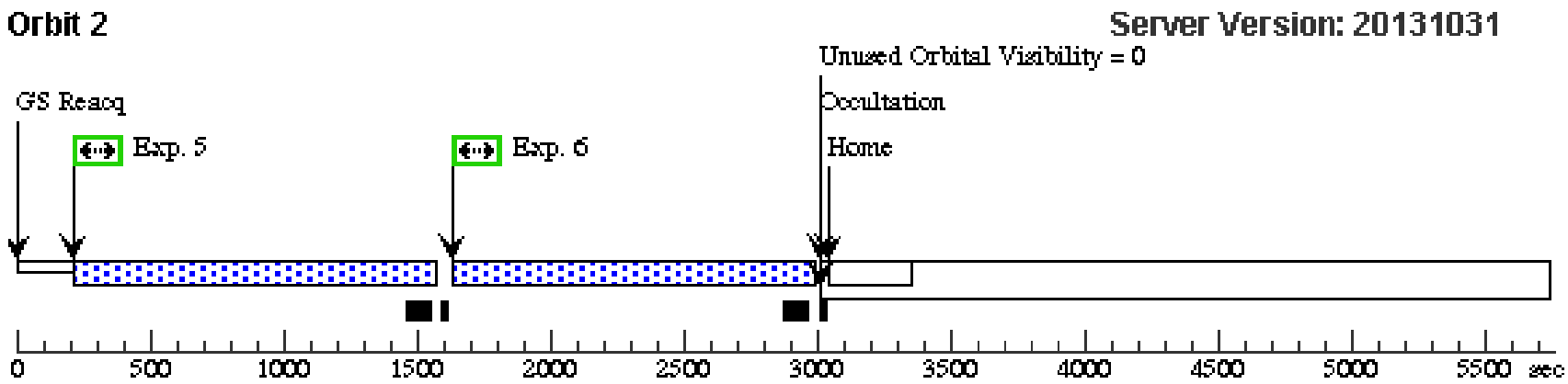
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	CU-VEL	RA: 08 58 33.0300 (134.6376250d) Dec: -41 47 51.70 (-41.79769d) Equinox: J2000	Proper Motion RA: 27.7 mas/yr Proper Motion Dec: -49.3 mas/yr Epoch of Position: 2000.0	V=17.0+/-0.3 F(1400A)=1.5e-14erg/cm/s/AA (IUE SWP54235)	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	CU-Vel ACQ/PEAKXD (COS.sa.416276)	(20) CU-VEL	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V32SAF		6 Secs (6 Secs) *[==>]*	*[1]*
2	CU-Vel ACQ/PEAKD (COS.sa.416276)	(20) CU-VEL	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V32SAF		6 Secs (6 Secs) *[==>]*	*[1]*
3	CU-Vel FP-1 (COS.sp.416277)	(20) CU-VEL	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=979; FP-POS=1; FLASH=YES	USE OFFSET V32SAF		1079 Secs (1079 Secs) *[==>]*	*[1]*
4	CU-Vel FP-2 (COS.sp.416277)	(20) CU-VEL	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=930; FP-POS=2; FLASH=YES	USE OFFSET V32SAF		1079 Secs (1079 Secs) *[==>]*	*[1]*
5	CU-Vel FP-3 (COS.sp.416277)	(20) CU-VEL	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1209; FP-POS=3; FLASH=YES	USE OFFSET V32SAF		1309 Secs (1309 Secs) *[==>]*	*[2]*
6	CU-Vel FP-4 (COS.sp.416277)	(20) CU-VEL	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1203; FP-POS=4; FLASH=YES	USE OFFSET V32SAF		1310 Secs (1310 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 12870, CU-VEL-BOP-ONLY (45), withdrawn Tue Mar 11 01:28:40 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 220D TO 110 D; BETWEEN 15-OCT-2012:00:00:00 AND 20-JUN-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.
Note to CS: PC is extra conservative on constraints due to populated field. Please double check.

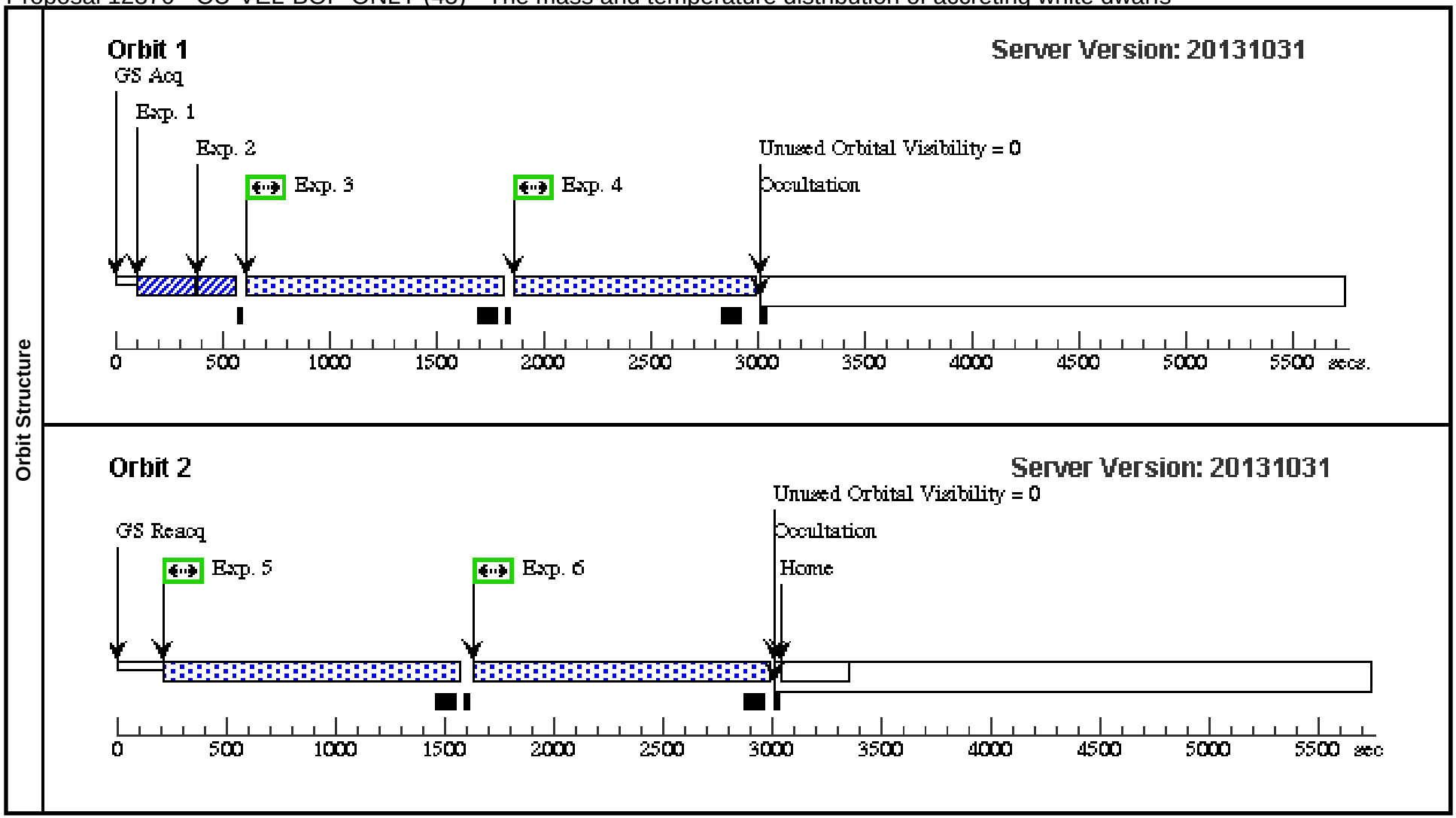
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	CU-VEL	RA: 08 58 33.0300 (134.6376250d) Dec: -41 47 51.70 (-41.79769d) Equinox: J2000	Proper Motion RA: 27.7 mas/yr Proper Motion Dec: -49.3 mas/yr Epoch of Position: 2000.0	V=17.0+/-0.3 F(1400A)=1.5e-14erg/cm/s/AA (IUE SWP54235)	Reference Frame: ICRS
(68)	TARGET20-SAFE-TARGET	Offset from CU-VEL RA Offset: 0.35 Secs Dec Offset: 8.075 Arcsec		V=17.0+/-0.3	Offset Position (TARGET20-SAFE-TARGET)

Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.015 arcseconds away at a PA 26.4 degrees from CU-VEL.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	CU-Vel ACQ/PEAKXD (COS.sa.416276)	(68) TARGET20-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				6 Secs (6 Secs) *[==>]*	*[1]*
2	CU-Vel ACQ/PEAKD (COS.sa.416276)	(68) TARGET20-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			6 Secs (6 Secs) *[==>]*	*[1]*
3	CU-Vel FP-1 (COS.sp.416277)	(68) TARGET20-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=979; FP-POS=1; FLASH=YES			1079 Secs (1079 Secs) *[==>]*	*[1]*
4	CU-Vel FP-2 (COS.sp.416277)	(68) TARGET20-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=930; FP-POS=2; FLASH=YES			1079 Secs (1079 Secs) *[==>]*	*[1]*
5	CU-Vel FP-3 (COS.sp.416277)	(68) TARGET20-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1209; FP-POS=3; FLASH=YES			1309 Secs (1309 Secs) *[==>]*	*[2]*
6	CU-Vel FP-4 (COS.sp.416277)	(68) TARGET20-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1203; FP-POS=4; FLASH=YES			1310 Secs (1310 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Occultation
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS0407-0644 (33), completed Tue Mar 11 01:28:41 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 30D TO 260 D; BETWEEN 09-OCT-2012:00:00:00 AND 28-FEB-2013:00:00:00; BETWEEN 20-AUG-2013:00:00:00 AND 31-DEC-2013:00:00:00; Period 0.17020383 D AND ZERO-PHASE HJD2453342.831650

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

Ephemeris from Tom Marsh.

Diagnostics

(SDSS0407-0644 (33)) Warning (Orbit Planner): VISIBILITY OVERRUN

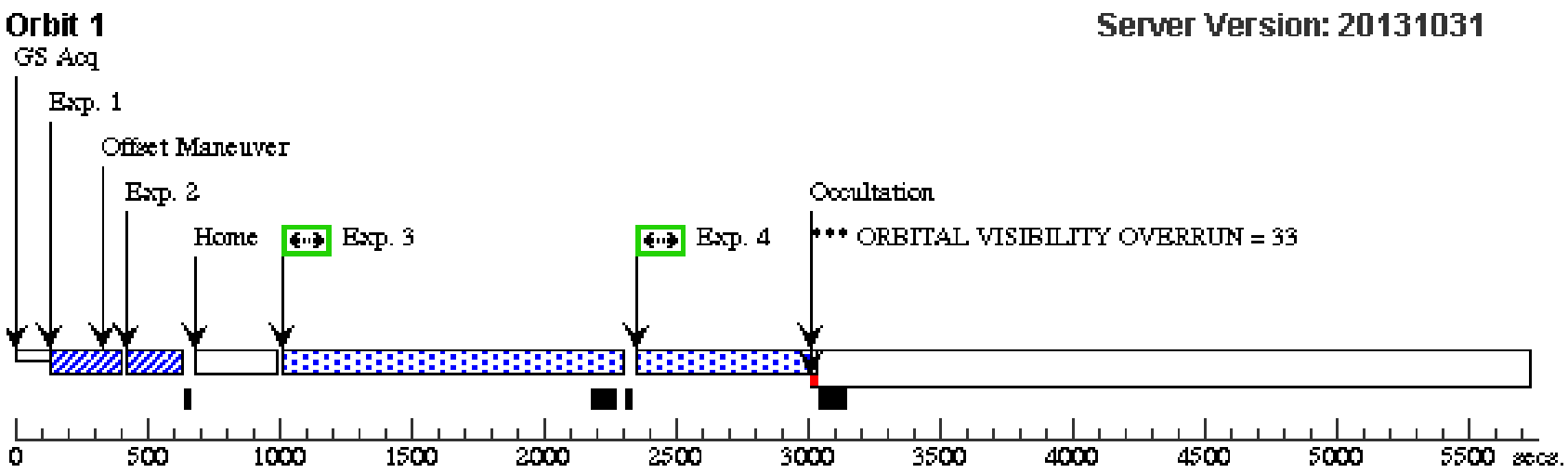
Fixed Targets

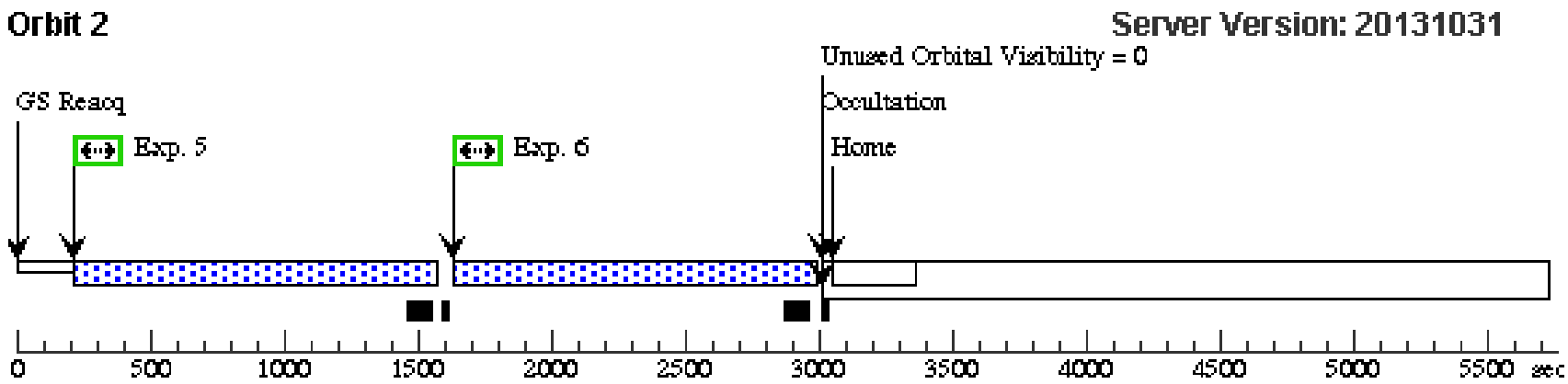
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	SDSS0407-0644	RA: 04 07 14.7800 (61.8115833d) Dec: -06 44 25.00 (-6.74028d) Equinox: J2000	Proper Motion RA: 8.3 mas/yr Proper Motion Dec: -2.5 mas/yr Epoch of Position: 2000.0	V=17.8+/-0.3 GALEX FUV=730 GALEX NUV=510	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS0407-0644 ACQ/PEAKXD (COS.sa.416280)	(11) SDSS0407-0644	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		PHASE 0.15 TO 0.80; USE OFFSET V33SAF		12 Secs (12 Secs) *[==>]*	*[1]*
2	SDSS0407-0644 ACQ/PEAKD (COS.sa.416280)	(11) SDSS0407-0644	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V33SAF		12 Secs (12 Secs) *[==>]*	*[1]*
3	SDSS0407-0644 FP-1 (COS.sp.416281)	(11) SDSS0407-0644	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=963; FP-POS=1; FLASH=YES	USE OFFSET V33SAF; NEW OBSET		1063 Secs (1063 Secs) *[==>]*	*[1]*
4	SDSS0407-0644 FP-2 (COS.sp.416281)	(11) SDSS0407-0644	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=627; FP-POS=2; FLASH=YES	USE OFFSET V33SAF		627 Secs (627 Secs) *[==>]*	*[1]*
5	SDSS0407-0644 FP-3 (COS.sp.416281)	(11) SDSS0407-0644	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1212; FP-POS=3; FLASH=YES	USE OFFSET V33SAF		1312 Secs (1312 Secs) *[==>]*	*[2]*
6	SDSS0407-0644 FP-4 (COS.sp.416281)	(11) SDSS0407-0644	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1203; FP-POS=4; FLASH=YES	USE OFFSET V33SAF		1312 Secs (1312 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 12870, SDSS0407-0644-BOP-ONLY (47), withdrawn Tue Mar 11 01:28:41 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 30D TO 260 D; BETWEEN 09-OCT-2012:00:00:00 AND 28-FEB-2013:00:00:00; BETWEEN 20-AUG-2013:00:00:00 AND 31-DEC-2013:00:00:00; Period 0.17020383 D AND ZERO-PHASE HJD2453342.831650

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

Ephemeris from Tom Marsh.

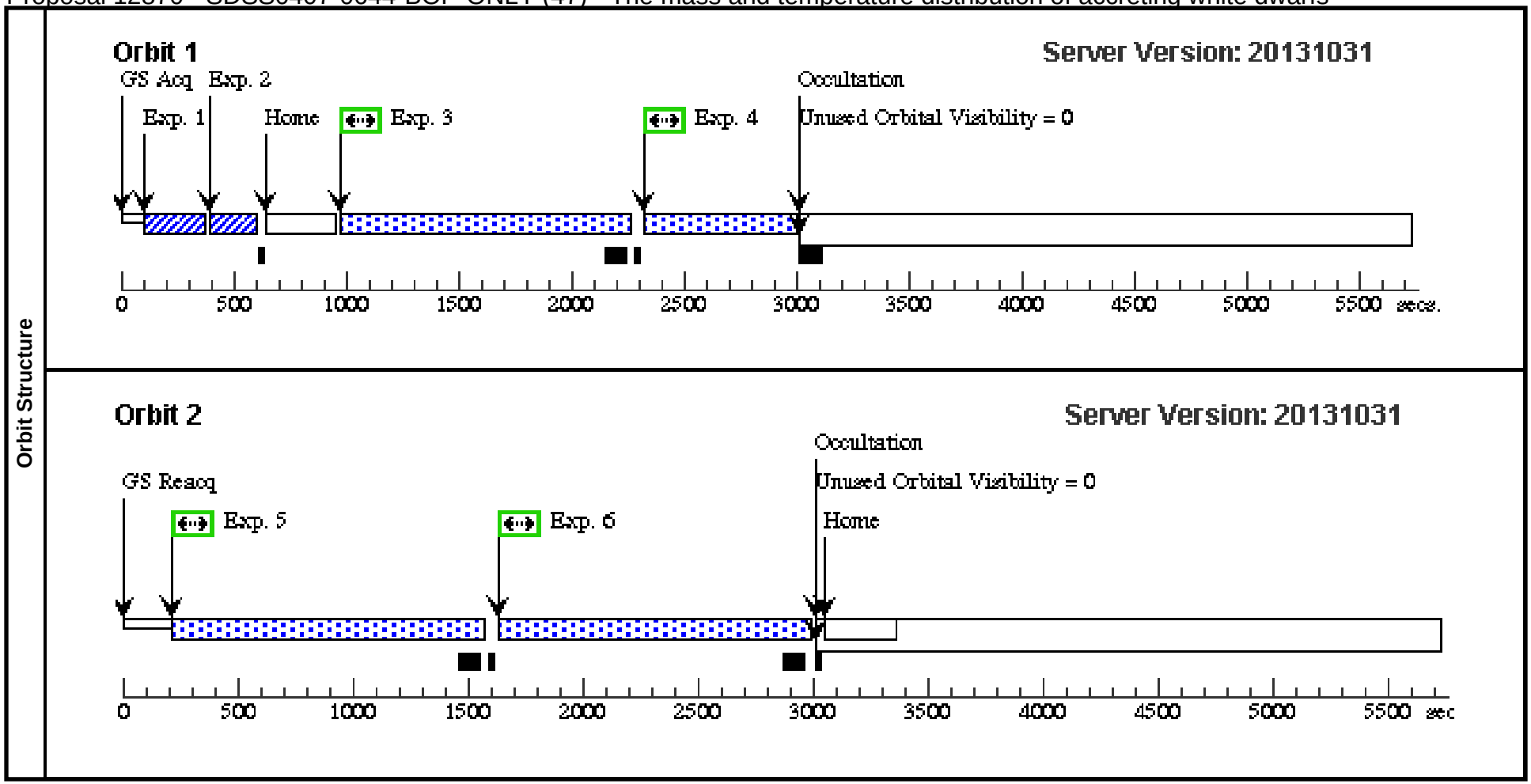
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	SDSS0407-0644	RA: 04 07 14.7800 (61.8115833d) Dec: -06 44 25.00 (-6.74028d) Equinox: J2000	Proper Motion RA: 8.3 mas/yr Proper Motion Dec: -2.5 mas/yr Epoch of Position: 2000.0	V=17.8+/-0.3 GALEX FUV=730 GALEX NUV=510	Reference Frame: ICRS
(69)	TARGET11-SAFE-TARGET	Offset from SDSS0407-0644 RA Offset: -0.15 Secs Dec Offset: -8.696 Arcsec		V=17.8+/-0.3	Offset Position (TARGET11-SAFE-TARGET)

Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.012 arcseconds away at a PA 195.2 degrees from SDSS0407-0644.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS0407-0644 ACQ/PEAKXD (COS.sa.416280)	(69) TARGET11-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		PHASE 0.15 TO 0.80		12 Secs (12 Secs) *[==>]*	*[1]*
2	SDSS0407-0644 ACQ/PEAKD (COS.sa.416280)	(69) TARGET11-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			12 Secs (12 Secs) *[==>]*	*[1]*
3	SDSS0407-0644 FP-1 (COS.sp.416281)	(69) TARGET11-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=963; FP-POS=1; FLASH=YES	NEW OBSET		1063 Secs (1063 Secs) *[==>]*	*[1]*
4	SDSS0407-0644 FP-2 (COS.sp.416281)	(69) TARGET11-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=627; FP-POS=2; FLASH=YES			627 Secs (627 Secs) *[==>]*	*[1]*
5	SDSS0407-0644 FP-3 (COS.sp.416281)	(69) TARGET11-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1212; FP-POS=3; FLASH=YES			1312 Secs (1312 Secs) *[==>]*	*[2]*
6	SDSS0407-0644 FP-4 (COS.sp.416281)	(69) TARGET11-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1203; FP-POS=4; FLASH=YES			1312 Secs (1312 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 2
Exp. 1
Home
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
Orbit 2
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500

Visit

Proposal 12870, CW-Mon (34), completed Tue Mar 11 01:28:42 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 306D TO 170 D; BETWEEN 09-OCT-2012:00:00:00 AND 05-APR-2013:00:00:00; BETWEEN 20-SEP-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

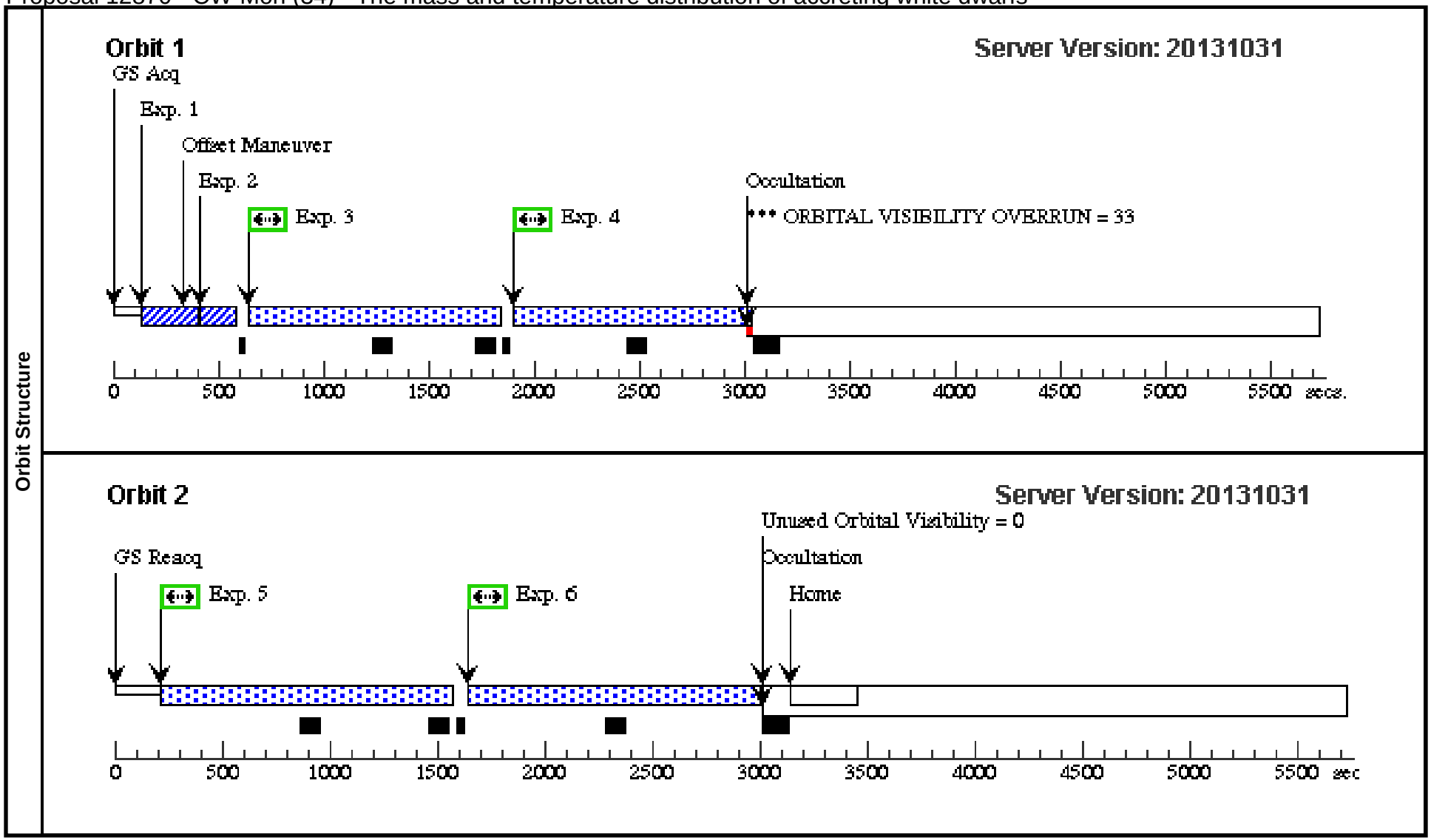
(CW-Mon (34)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	CW-MON	RA: 06 36 54.5800 (99.2274167d) Dec: +00 02 17.30 (.03814d) Equinox: J2000	Proper Motion RA: 18.2 mas/yr Proper Motion Dec: -4.7 mas/yr Epoch of Position: 2000.0	V=16.8+/-0.3 F(1400A)=5e-15erg/cm2/s/AA (IUE SWP32793), F(2400A)=2e-15erg/cm2/s/AA (IUE LWP07100)	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	CW-Mon ACQ/PEAKXD (COS.sa.416282)	(14) CW-MON	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V34SAF		5 Secs (5 Secs) *[==>]*	*[1]*
2	CW-Mon ACQ/PEAKD (COS.sa.416282)	(14) CW-MON	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V34SAF		5 Secs (5 Secs) *[==>]*	*[1]*
3	CW-Mon FP-1 (COS.sp.416283)	(14) CW-MON	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=489; FP-POS=1; FLASH=YES	USE OFFSET V34SAF		1079 Secs (1079 Secs) *[==>]*	*[1]*
4	CW-Mon FP-2 (COS.sp.416283)	(14) CW-MON	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=510; FP-POS=2; FLASH=YES	USE OFFSET V34SAF		1080 Secs (1080 Secs) *[==>]*	*[1]*
5	CW-Mon FP-3 (COS.sp.416283)	(14) CW-MON	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=605; FP-POS=3; FLASH=YES	USE OFFSET V34SAF		1307 Secs (1307 Secs) *[==>]*	*[2]*
6	CW-Mon FP-4 (COS.sp.416283)	(14) CW-MON	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=610; FP-POS=4; FLASH=YES	USE OFFSET V34SAF		1307 Secs (1307 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Offset Maneuver
Exp. 2
Exp. 3
Exp. 4
Occultation
*** ORBITAL VISIBILITY OVERRUN = 33
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Exp. 6
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, CW-Mon-BOP-ONLY (73), withdrawn Tue Mar 11 01:28:42 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 306D TO 170 D; BETWEEN 09-OCT-2012:00:00:00 AND 05-APR-2013:00:00:00; BETWEEN 20-SEP-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

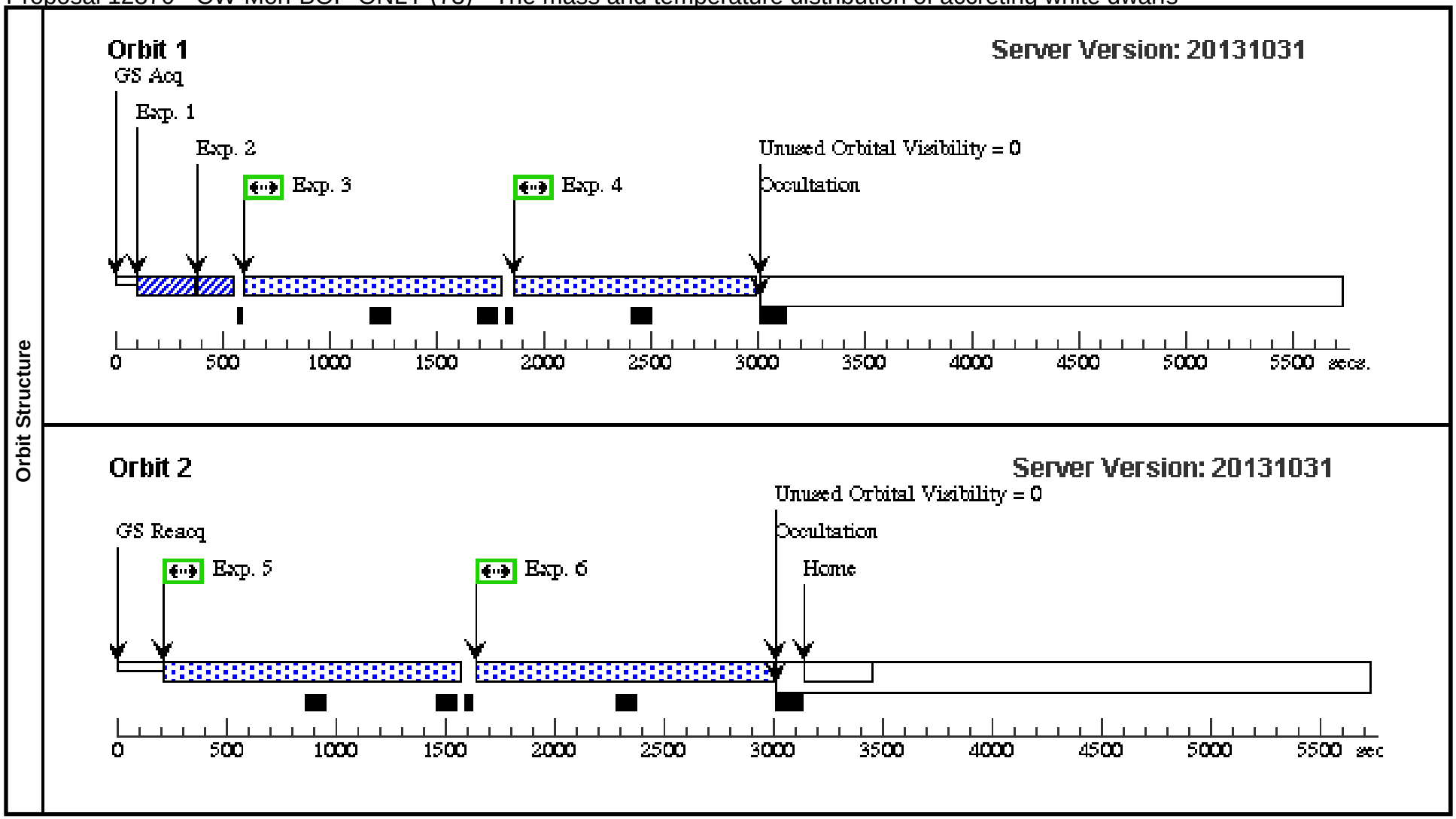
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	CW-MON	RA: 06 36 54.5800 (99.2274167d) Dec: +00 02 17.30 (.03814d) Equinox: J2000	Proper Motion RA: 18.2 mas/yr Proper Motion Dec: -4.7 mas/yr Epoch of Position: 2000.0	V=16.8+/-0.3 F(1400A)=5e-15erg/cm2/s/AA (IUE SWP32793), F(2400A)=2e-15erg/cm2/s/AA (IUE LWP07100)	Reference Frame: ICRS
(63)	TARGET14-SAFE-TARGET	Offset from CW-MON RA Offset: 0.6 Secs Dec Offset: 0.06463 Arcsec		V=16.8+/-0.3	Offset Position (TARGET14-SAFE-TARGET)

Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.017 arcseconds away at a PA 90.4 degrees from CW-MON.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	CW-Mon ACQ/PEAKXD (COS.sa.416282)	(63) TARGET14-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				5 Secs (5 Secs) *[==>]*	*[1]*
2	CW-Mon ACQ/PEAKD (COS.sa.416282)	(63) TARGET14-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			5 Secs (5 Secs) *[==>]*	*[1]*
3	CW-Mon FP-1 (COS.sp.416283)	(63) TARGET14-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=489; FP-POS=1; FLASH=YES			1079 Secs (1079 Secs) *[==>]*	*[1]*
4	CW-Mon FP-2 (COS.sp.416283)	(63) TARGET14-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=510; FP-POS=2; FLASH=YES			1080 Secs (1080 Secs) *[==>]*	*[1]*
5	CW-Mon FP-3 (COS.sp.416283)	(63) TARGET14-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=605; FP-POS=3; FLASH=YES			1307 Secs (1307 Secs) *[==>]*	*[2]*
6	CW-Mon FP-4 (COS.sp.416283)	(63) TARGET14-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=610; FP-POS=4; FLASH=YES			1307 Secs (1307 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Occultation
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, HS2214+2845 (35), completed Tue Mar 11 01:28:43 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 09-OCT-2012:00:00:00 AND 31-DEC-2012:00:00:00; BETWEEN 15-MAY-2013:00:00:00 AND 15-DEC-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(HS2214+2845 (35)) Warning (Orbit Planner): VISIBILITY OVERRUN

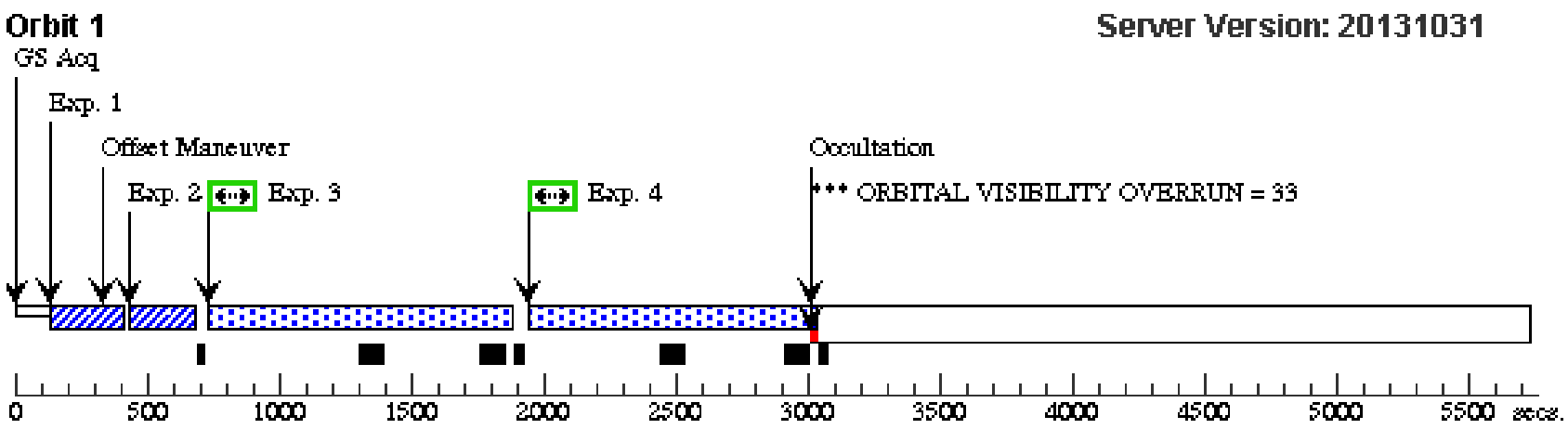
Fixed Targets

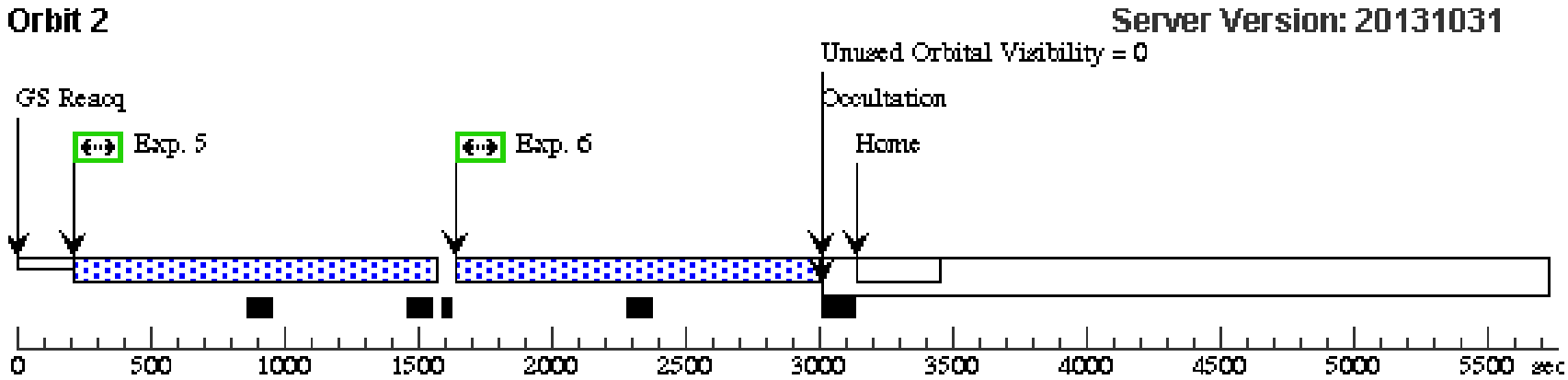
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(45)	HS2214+2845	RA: 22 16 31.1900 (334.1299583d) Dec: +29 00 19.70 (29.00547d) Equinox: J2000	Proper Motion RA: -17.6 mas/yr Proper Motion Dec: 31.8 mas/yr Epoch of Position: 2000.0	V=16.8+/-0.3 GALEX FUV=450microJy GALEX NUV=450microJy	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	HS2214+2845 ACQ/PEAKXD (COS.sa.416284)	(45) HS2214+2845	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V35SAF		20 Secs (20 Secs) *[==>]*	*[1]*
2	HS2214+2845 ACQ/PEAKD (COS.sa.416284)	(45) HS2214+2845	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V35SAF		20 Secs (20 Secs) *[==>]*	*[1]*
3	HS2214+2845 FP-1 (COS.sp.416285)	(45) HS2214+2845	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=467; FP-POS=1; FLASH=YES	USE OFFSET V35SAF		1033 Secs (1033 Secs) *[==>]*	*[1]*
4	HS2214+2845 FP-2 (COS.sp.416285)	(45) HS2214+2845	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=466; FP-POS=2; FLASH=YES	USE OFFSET V35SAF		1034 Secs (1034 Secs) *[==>]*	*[1]*
5	HS2214+2845 FP-3 (COS.sp.416285)	(45) HS2214+2845	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=605; FP-POS=3; FLASH=YES	USE OFFSET V35SAF		1306 Secs (1306 Secs) *[==>]*	*[2]*
6	HS2214+2845 FP-4 (COS.sp.416285)	(45) HS2214+2845	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=610; FP-POS=4; FLASH=YES	USE OFFSET V35SAF		1306 Secs (1306 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 12870, HS2214+2845-BOP-ONLY (B6), withdrawn Tue Mar 11 01:28:43 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; BETWEEN 09-OCT-2012:00:00:00 AND 31-DEC-2012:00:00:00; BETWEEN 15-MAY-2013:00:00:00 AND 15-DEC-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

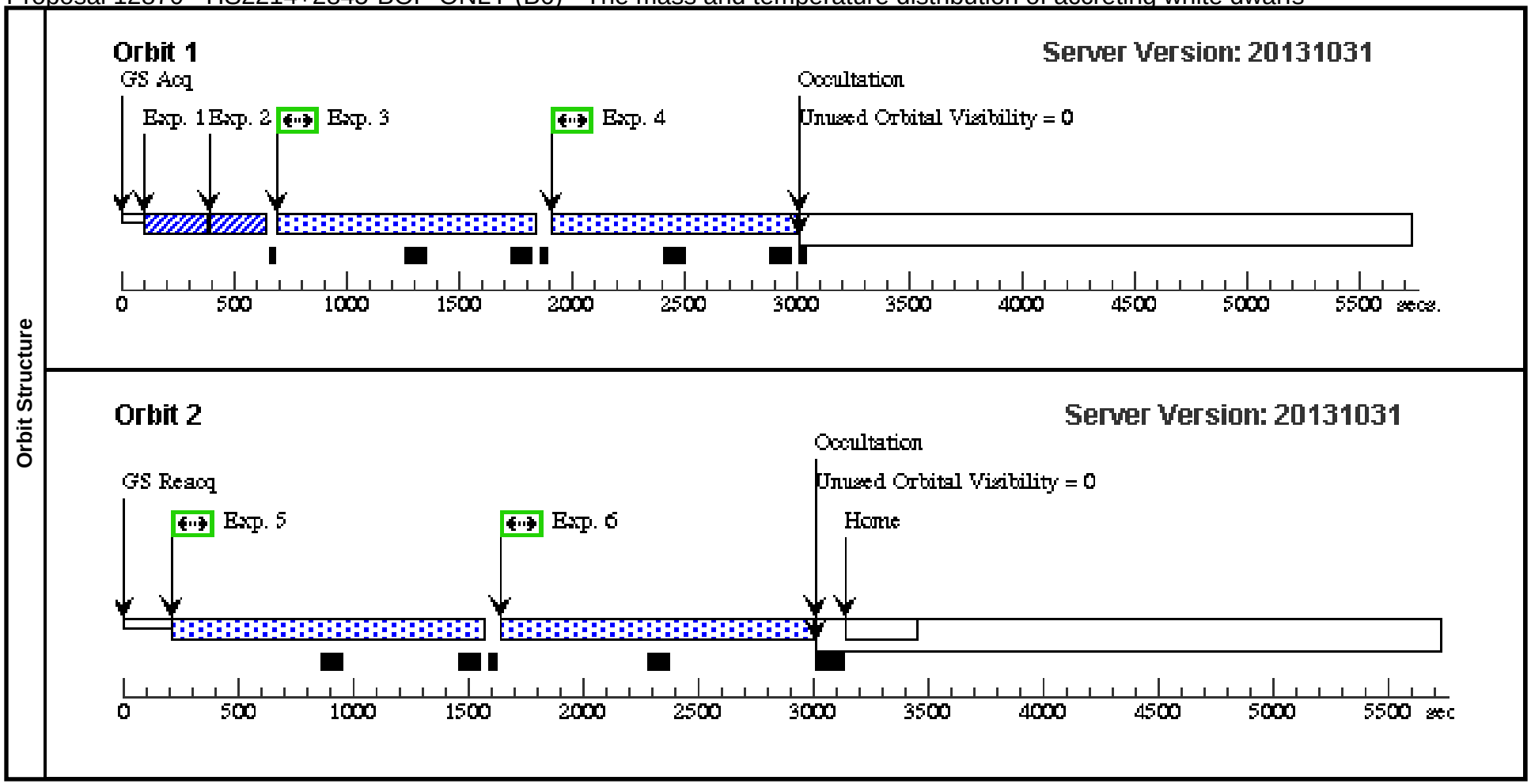
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(45)	HS2214+2845	RA: 22 16 31.1900 (334.1299583d) Dec: +29 00 19.70 (29.00547d) Equinox: J2000	Proper Motion RA: -17.6 mas/yr Proper Motion Dec: 31.8 mas/yr Epoch of Position: 2000.0	V=16.8+/-0.3 GALEX FUV=450microJy GALEX NUV=450microJy	Reference Frame: ICRS
(93)	TARGET45-SAFE-TARGET	Offset from HS2214+2845 RA Offset: -0.54 Secs Dec Offset: -6.668 Arcsec		V=16.8+/-0.3	Offset Position (TARGET45-SAFE-TARGET)

Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.806 arcseconds away at a PA 227.2 degrees from HS2214+2845.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	HS2214+2845 ACQ/PEAKXD (COS.sa.416284)	(93) TARGET45-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				20 Secs (20 Secs) *[==>]*	*[1]*
2	HS2214+2845 ACQ/PEAKD (COS.sa.416284)	(93) TARGET45-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			20 Secs (20 Secs) *[==>]*	*[1]*
3	HS2214+2845 FP-1 (COS.sp.416285)	(93) TARGET45-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=467; FP-POS=1; FLASH=YES			1033 Secs (1033 Secs) *[==>]*	*[1]*
4	HS2214+2845 FP-2 (COS.sp.416285)	(93) TARGET45-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=466; FP-POS=2; FLASH=YES			1034 Secs (1034 Secs) *[==>]*	*[1]*
5	HS2214+2845 FP-3 (COS.sp.416285)	(93) TARGET45-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=605; FP-POS=3; FLASH=YES			1306 Secs (1306 Secs) *[==>]*	*[2]*
6	HS2214+2845 FP-4 (COS.sp.416285)	(93) TARGET45-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=610; FP-POS=4; FLASH=YES			1306 Secs (1306 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
GS Reacq
Exp. 5
Exp. 6
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, HS1055+0939 (36), completed Tue Mar 11 01:28:44 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 55D TO 275 D; BETWEEN 15-NOV-2012:00:00:00 AND 10-JUN-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

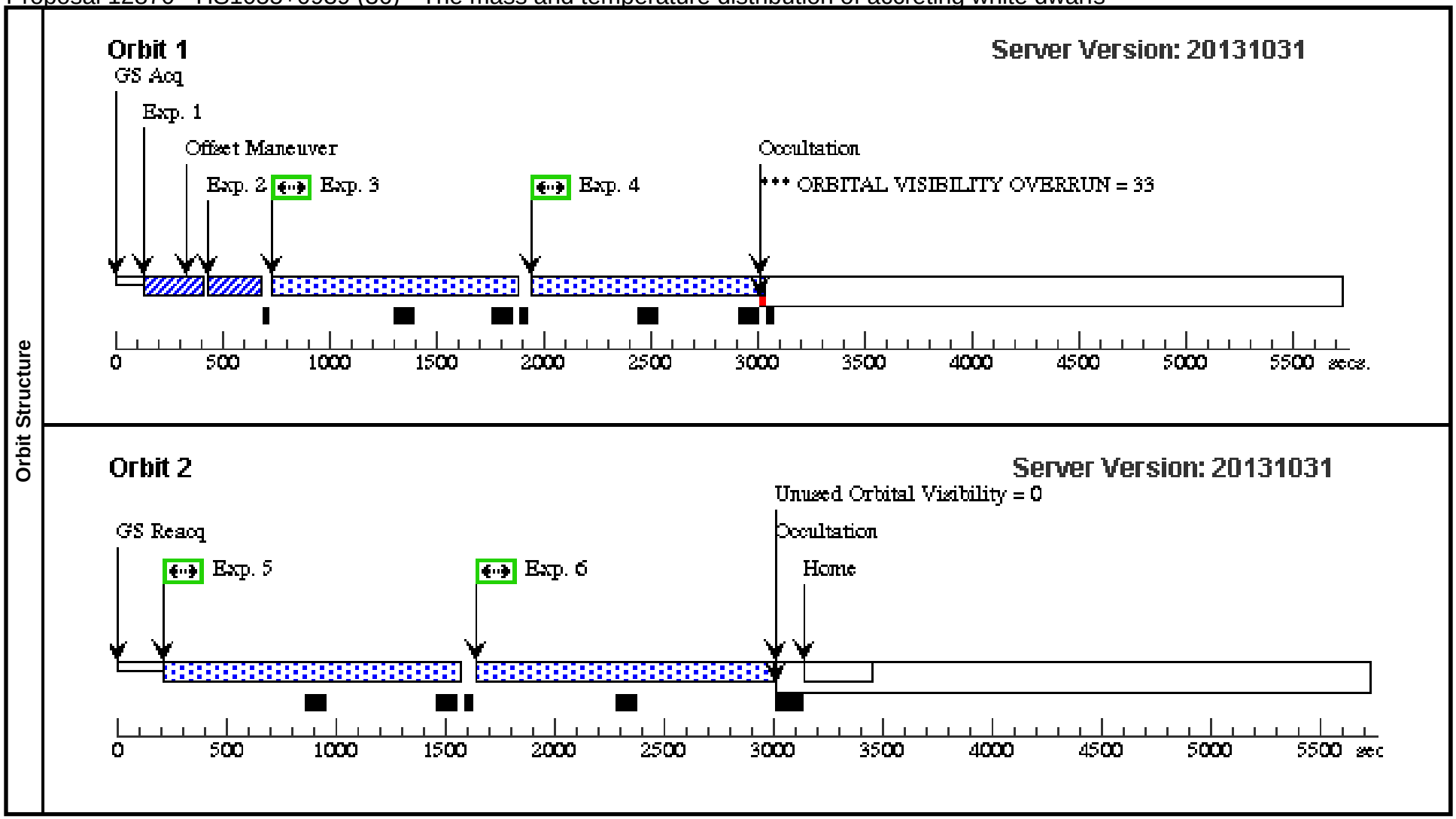
(HS1055+0939 (36)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	HS1055+0939	RA: 10 57 56.2900 (164.4845417d) Dec: +09 23 14.80 (9.38744d) Equinox: J2000	Proper Motion RA: -3.9 mas/yr Proper Motion Dec: 0.5 mas/yr Epoch of Position: 2000.0	V=15.5+/-0.3 GALEX FUV=410mircroJy GALEX NUV=550microJy	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	HS1055+0939 ACQ/PEAKXD (COS.sa.416286)	(29) HS1055+0939	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V36SAF		20 Secs (20 Secs) *[==>]*	*[1]*
2	HS1055+0939 ACQ/PEAKD (COS.sa.416286)	(29) HS1055+0939	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V36SAF		20 Secs (20 Secs) *[==>]*	*[1]*
3	HS1055+0939 FP-1 (COS.sp.416287)	(29) HS1055+0939	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=467; FP-POS=1; FLASH=YES	USE OFFSET V36SAF		1034 Secs (1034 Secs) *[==>]*	*[1]*
4	HS1055+0939 FP-2 (COS.sp.416287)	(29) HS1055+0939	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=466; FP-POS=2; FLASH=YES	USE OFFSET V36SAF		1035 Secs (1035 Secs) *[==>]*	*[1]*
5	HS1055+0939 FP-3 (COS.sp.416287)	(29) HS1055+0939	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=605; FP-POS=3; FLASH=YES	USE OFFSET V36SAF		1307 Secs (1307 Secs) *[==>]*	*[2]*
6	HS1055+0939 FP-4 (COS.sp.416287)	(29) HS1055+0939	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=610; FP-POS=4; FLASH=YES	USE OFFSET V36SAF		1307 Secs (1307 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Offset Maneuver
Exp. 2
Exp. 3
Exp. 4
Occultation
*** ORBITAL VISIBILITY OVERRUN = 33
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Exp. 6
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, HS1055+0939-BOP-ONLY (89), withdrawn Tue Mar 11 01:28:44 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 55D TO 275 D; BETWEEN 15-NOV-2012:00:00:00 AND 10-JUN-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

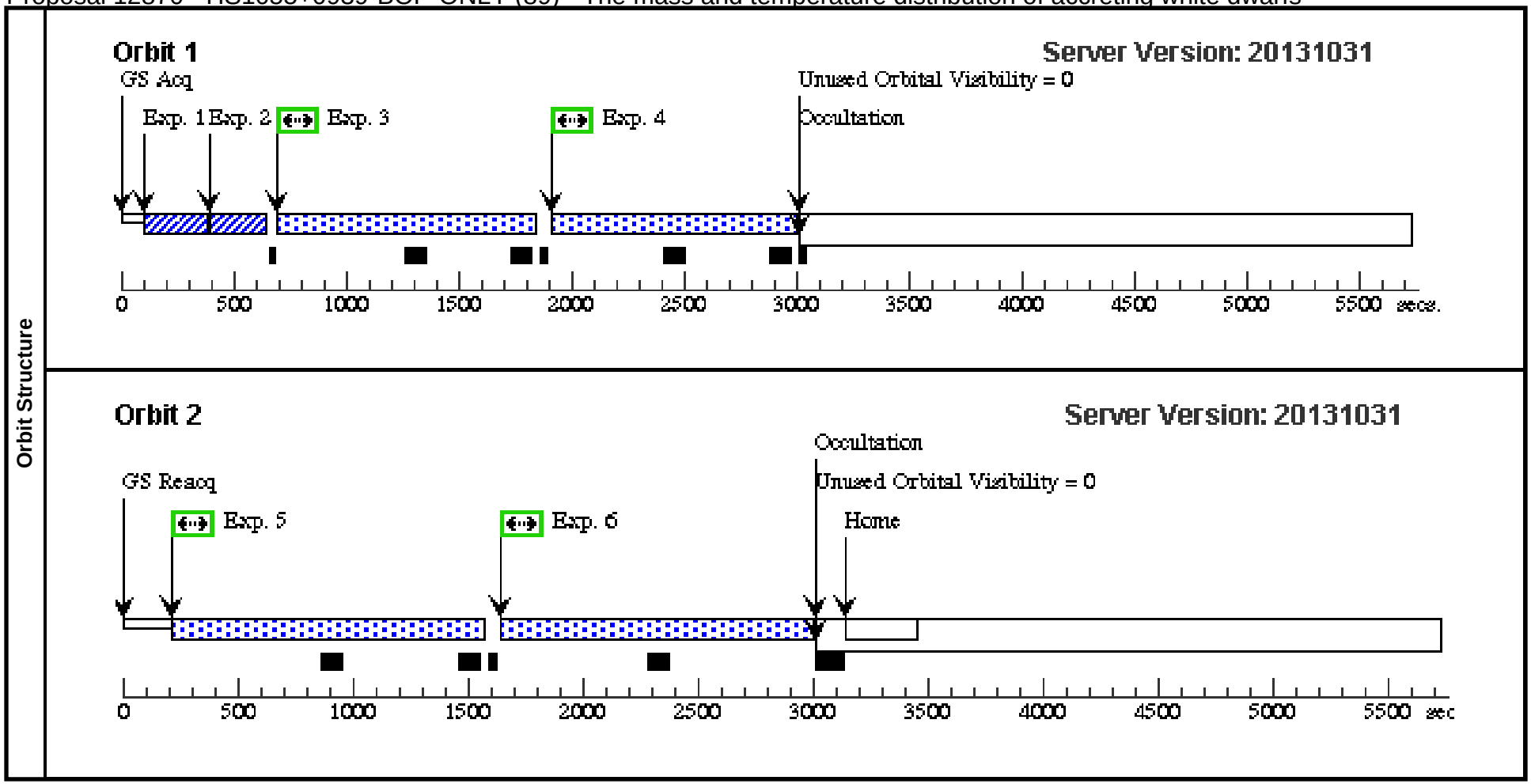
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	HS1055+0939	RA: 10 57 56.2900 (164.4845417d) Dec: +09 23 14.80 (9.38744d) Equinox: J2000	Proper Motion RA: -3.9 mas/yr Proper Motion Dec: 0.5 mas/yr Epoch of Position: 2000.0	V=15.5+/-0.3 GALEX FUV=410mircroJy GALEX NUV=550microJy	Reference Frame: ICRS
(81)	TARGET29-SAFE-TARGET	Offset from HS1055+0939 RA Offset: -0.26 Secs Dec Offset: -8.205 Arcsec		V=15.5+/-0.3	Offset Position (TARGET29-SAFE-TARGET)

Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.069 arcseconds away at a PA 205.2 degrees from HS1055+0939.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	HS1055+0939 ACQ/PEAKXD (COS.sa.416286)	(81) TARGET29-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				20 Secs (20 Secs) *[==>]*	*[1]*
2	HS1055+0939 ACQ/PEAKD (COS.sa.416286)	(81) TARGET29-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			20 Secs (20 Secs) *[==>]*	*[1]*
3	HS1055+0939 FP-1 (COS.sp.416287)	(81) TARGET29-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=467; FP-POS=1; FLASH=YES			1034 Secs (1034 Secs) *[==>]*	*[1]*
4	HS1055+0939 FP-2 (COS.sp.416287)	(81) TARGET29-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=466; FP-POS=2; FLASH=YES			1035 Secs (1035 Secs) *[==>]*	*[1]*
5	HS1055+0939 FP-3 (COS.sp.416287)	(81) TARGET29-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=605; FP-POS=3; FLASH=YES			1307 Secs (1307 Secs) *[==>]*	*[2]*
6	HS1055+0939 FP-4 (COS.sp.416287)	(81) TARGET29-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=610; FP-POS=4; FLASH=YES			1307 Secs (1307 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
GS Reacq
Exp. 5
Exp. 6
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, PU-CMa (37), completed Tue Mar 11 01:28:45 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 245D TO 120 D; BETWEEN 09-OCT-2012:00:00:00 AND 30-APR-2013:00:00:00; BETWEEN 01-SEP-2013:00:00:00 AND 31-DEC-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(PU-CMa (37)) Warning (Orbit Planner): VISIBILITY OVERRUN

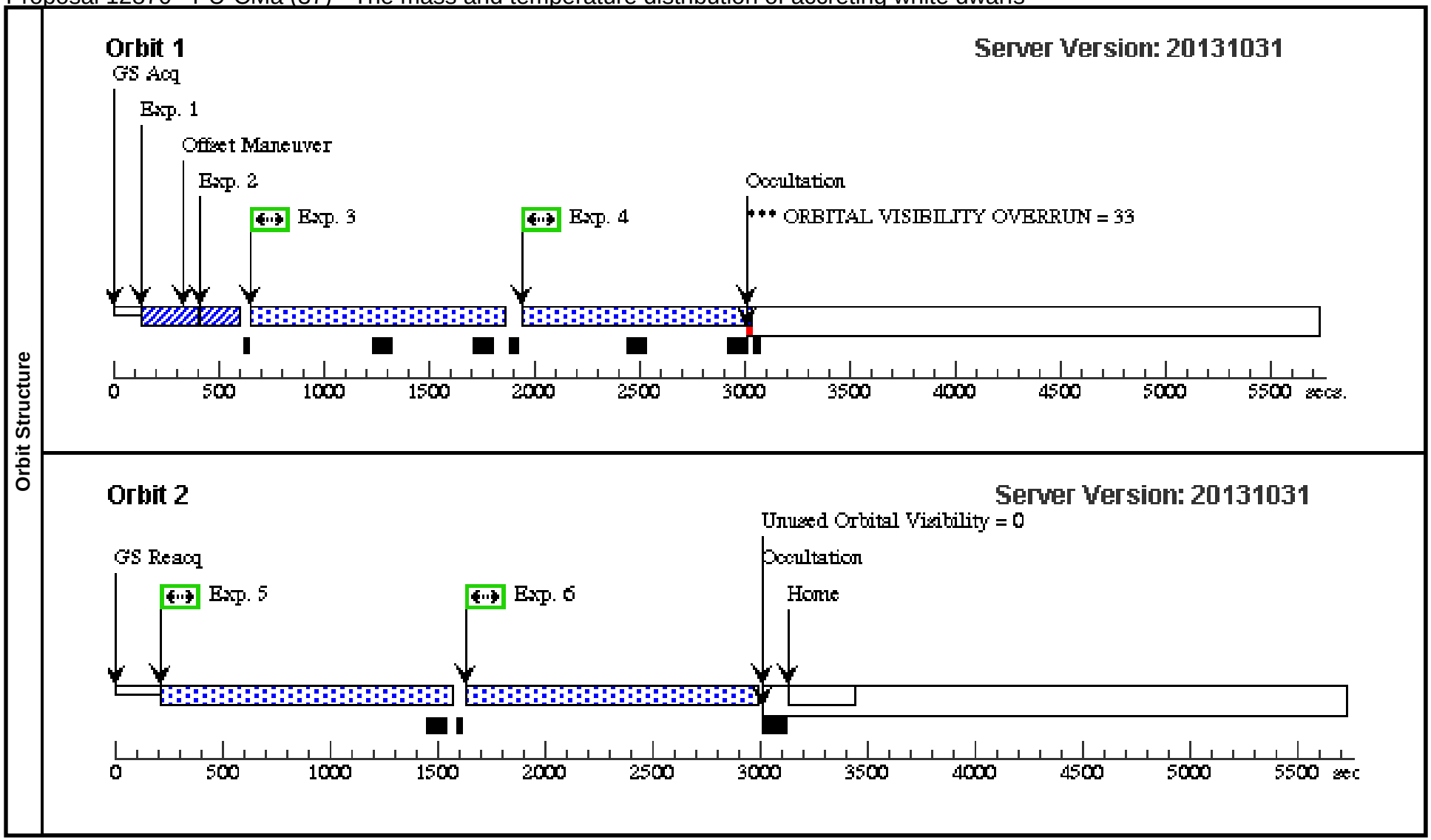
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	PU-CMA	RA: 06 40 47.6900 (100.1987083d) Dec: -24 23 13.90 (-24.38719d) Equinox: J2000	Proper Motion RA: -25.0 mas/yr Proper Motion Dec: 21.3 mas/yr Epoch of Position: 2000.0	V=16.2+/-0.3	Reference Frame: ICRS

Comments: SWIFT observed PU CMa on 2012/12/19 in the UVM2 filter for 1090s, and we measure a flux of 8.94 +/- 0.21 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	PU-CMa ACQ/PEAKXD (COS.sa.454148)	(15) PU-CMA	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V37SAF		8 Secs (8 Secs) *[==>]*	*[1]*
2	PU-CMa ACQ/PEAKD (COS.sa.454148)	(15) PU-CMA	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V37SAF		8 Secs (8 Secs) *[==>]*	*[1]*
3	PU-CMa FP-1 (COS.sp.416289)	(15) PU-CMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=478; FP-POS=1; FLASH=YES	USE OFFSET V37SAF		1091 Secs (1091 Secs) *[==>]*	*[1]*
4	PU-CMa FP-2 (COS.sp.416289)	(15) PU-CMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=472; FP-POS=2; FLASH=YES	USE OFFSET V37SAF		1041 Secs (1041 Secs) *[==>]*	*[1]*
5	PU-CMa FP-3 (COS.sp.416289)	(15) PU-CMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1203; FP-POS=3; FLASH=YES	USE OFFSET V37SAF		1312 Secs (1312 Secs) *[==>]*	*[2]*
6	PU-CMa FP-4 (COS.sp.416289)	(15) PU-CMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1303; FP-POS=4; FLASH=YES	USE OFFSET V37SAF		1312 Secs (1312 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Offset Maneuver
Exp. 2
Exp. 3
Exp. 4
Occultation
*** ORBITAL VISIBILITY OVERRUN = 33
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Exp. 6
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, PU-CMa-BOP-ONLY (83), withdrawn Tue Mar 11 01:28:45 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 245D TO 120 D; BETWEEN 09-OCT-2012:00:00:00 AND 30-APR-2013:00:00:00; BETWEEN 01-SEP-2013:00:00:00 AND 31-DEC-2013:00:00:00

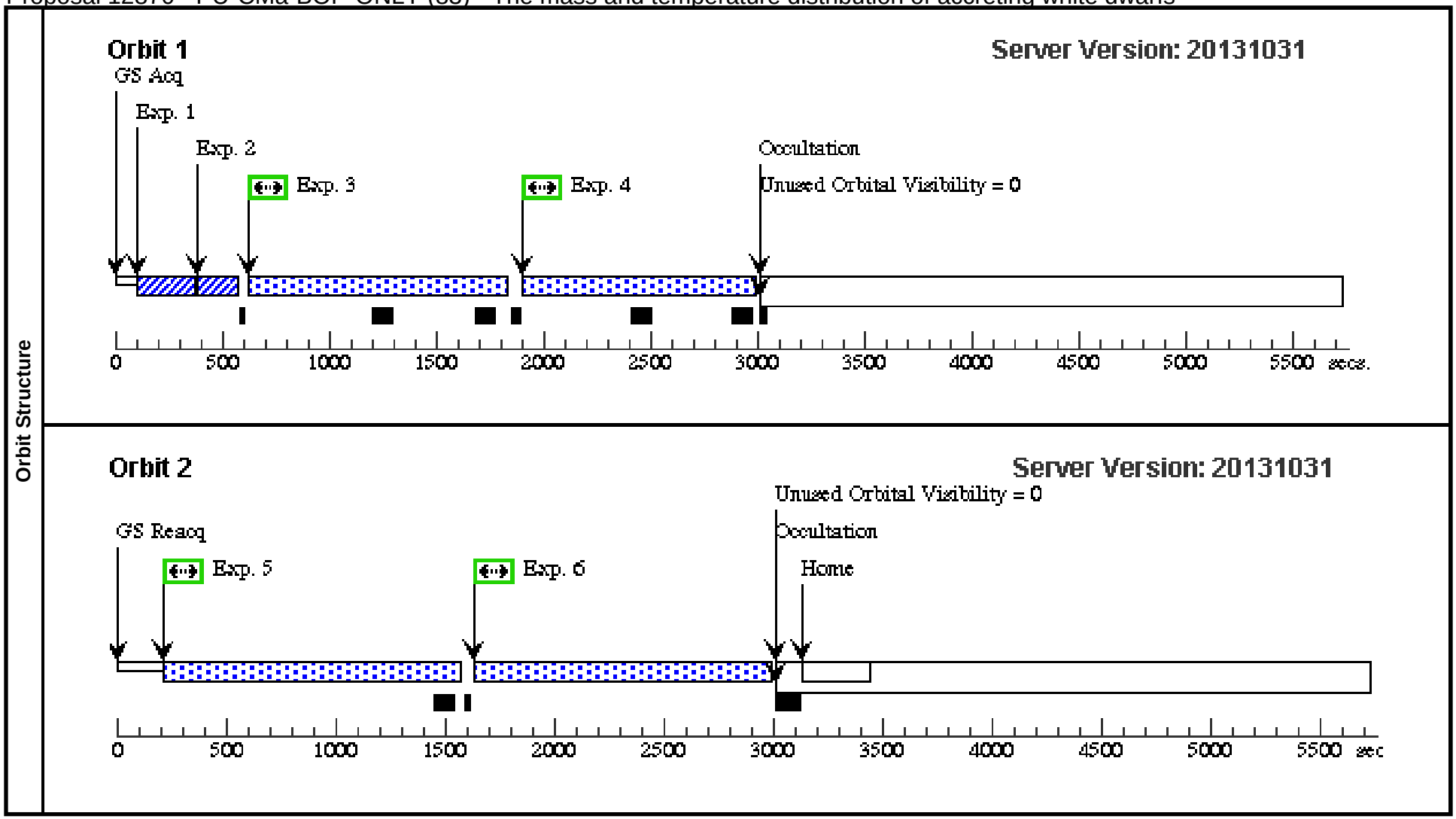
Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	PU-CMA	RA: 06 40 47.6900 (100.1987083d) Dec: -24 23 13.90 (-24.38719d) Equinox: J2000	Proper Motion RA: -25.0 mas/yr Proper Motion Dec: 21.3 mas/yr Epoch of Position: 2000.0	V=16.2+/-0.3	Reference Frame: ICRS
Comments: SWIFT observed PU CMa on 2012/12/19 in the UVM2 filter for 1090s, and we measure a flux of 8.94 +/- 0.21 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A					
(77)	TARGET15-SAFE-TARGET	Offset from PU-CMA RA Offset: 0.46 Secs Dec Offset: 6.445 Arcsec		V=16.2+/-0.3	Offset Position (TARGET15-SAFE-TARGET)
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.089 arcseconds away at a PA 44.8 degrees from PU-CMA. *SWIFT observed PU CMa on 2012/12/19 in the UVM2 filter for 1090s, and we measure a flux of 8.94 +/- 0.21 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A.*					

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	PU-CMa ACQ/PEAKXD (COS.sa.454148)	(77) TARGET15-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				8 Secs (8 Secs) *[==>]*	*[1]*
2	PU-CMa ACQ/PEAKD (COS.sa.454148)	(77) TARGET15-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			8 Secs (8 Secs) *[==>]*	*[1]*
3	PU-CMa FP-1 (COS.sp.416289)	(77) TARGET15-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=478; FP-POS=1; FLASH=YES			1091 Secs (1091 Secs) *[==>]*	*[1]*
4	PU-CMa FP-2 (COS.sp.416289)	(77) TARGET15-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=472; FP-POS=2; FLASH=YES			1041 Secs (1041 Secs) *[==>]*	*[1]*
5	PU-CMa FP-3 (COS.sp.416289)	(77) TARGET15-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1203; FP-POS=3; FLASH=YES			1312 Secs (1312 Secs) *[==>]*	*[2]*
6	PU-CMa FP-4 (COS.sp.416289)	(77) TARGET15-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1303; FP-POS=4; FLASH=YES			1312 Secs (1312 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Exp. 6
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, DT-Oct (38), completed Tue Mar 11 01:28:46 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 205D TO 70 D

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(DT-Oct (38)) Warning (Orbit Planner): VISIBILITY OVERRUN

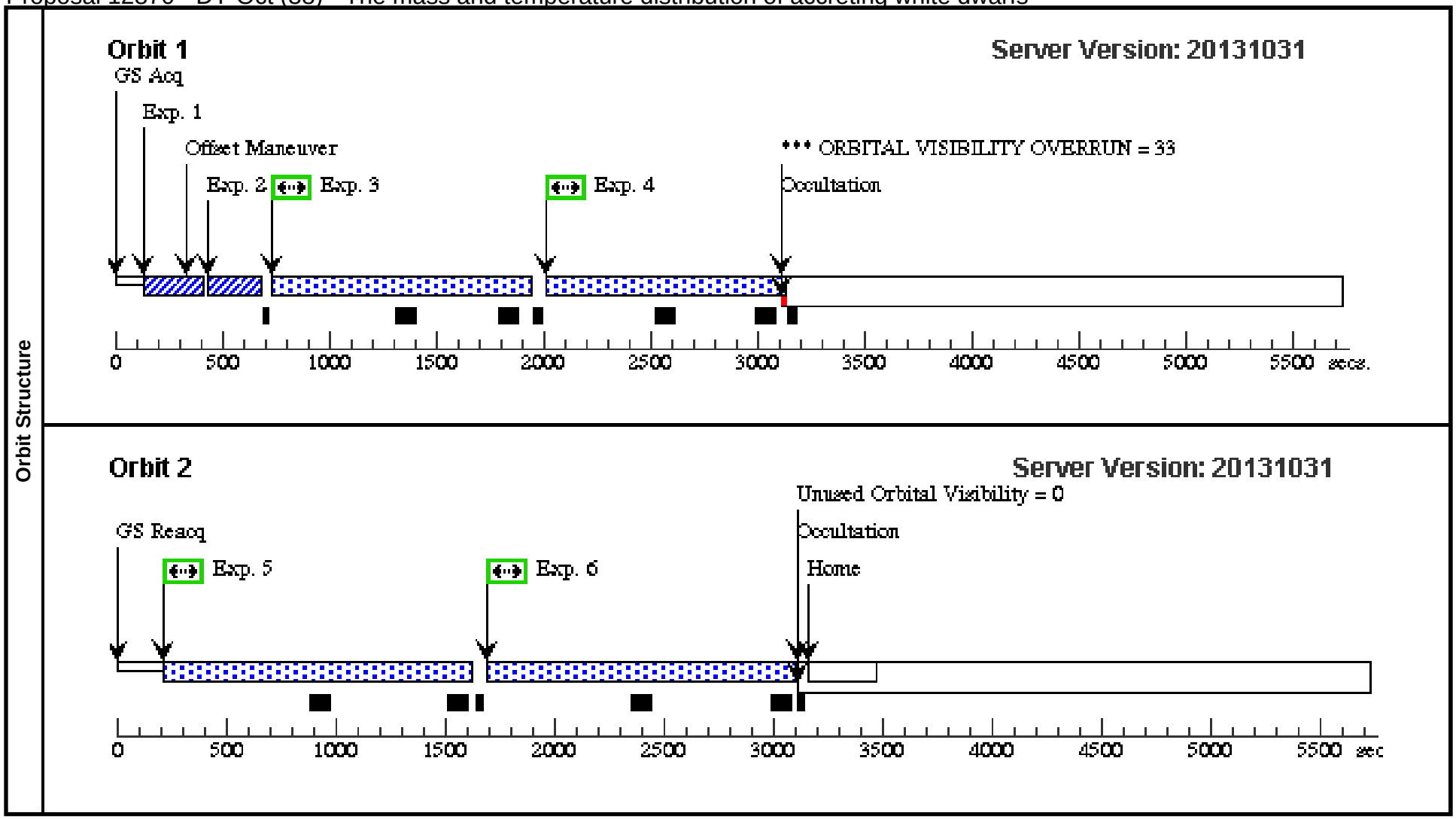
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(42)	DT-OCT	RA: 18 40 52.3100 (280.2179583d) Dec: -83 43 10.00 (-83.71944d) Equinox: J2000	Proper Motion RA: -5.6 mas/yr Proper Motion Dec: -35.9 mas/yr Epoch of Position: 2000.0	V=16.5+/-0.3 F(1180A)=3e-14erg/cm/s/AA (F USE G9251202000)	Reference Frame: ICRS

Comments: SWIFT observed DT Oct on 2012/12/16 and 19, in the UVM2 filter for a total of 1150s. We measure a flux of 2.35 +/- 0.1 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A, both Swift visits agree well.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	DT-Oct ACQ/PEAKXD (COS.sa.454149)	(42) DT-OCT	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		USE OFFSET V38S AF		20 Secs (20 Secs) *[==>]*	*[1]*
2	DT-Oct ACQ/PEAKD (COS.sa.454149)	(42) DT-OCT	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V38S AF		20 Secs (20 Secs) *[==>]*	*[1]*
3	DT-Oct FP-1 (COS.sp.416293)	(42) DT-OCT	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=478; FP-POS=1; FLASH=YES	USE OFFSET V38S AF		1091 Secs (1091 Secs) *[==>]*	*[1]*
4	DT-Oct FP-2 (COS.sp.416293)	(42) DT-OCT	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=472; FP-POS=2; FLASH=YES	USE OFFSET V38S AF		1069 Secs (1069 Secs) *[==>]*	*[1]*
5	DT-Oct FP-3 (COS.sp.416293)	(42) DT-OCT	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=631; FP-POS=3; FLASH=YES	USE OFFSET V38S AF		1357 Secs (1357 Secs) *[==>]*	*[2]*
6	DT-Oct FP-4 (COS.sp.416293)	(42) DT-OCT	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=631; FP-POS=4; FLASH=YES	USE OFFSET V38S AF		1357 Secs (1357 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Offset Maneuver
Exp. 2
Exp. 3
Exp. 4
*** ORBITAL VISIBILITY OVERRUN = 33
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Exp. 6
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, DT-Oct-BOP-ONLY (99), withdrawn Tue Mar 11 01:28:46 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 205D TO 70 D

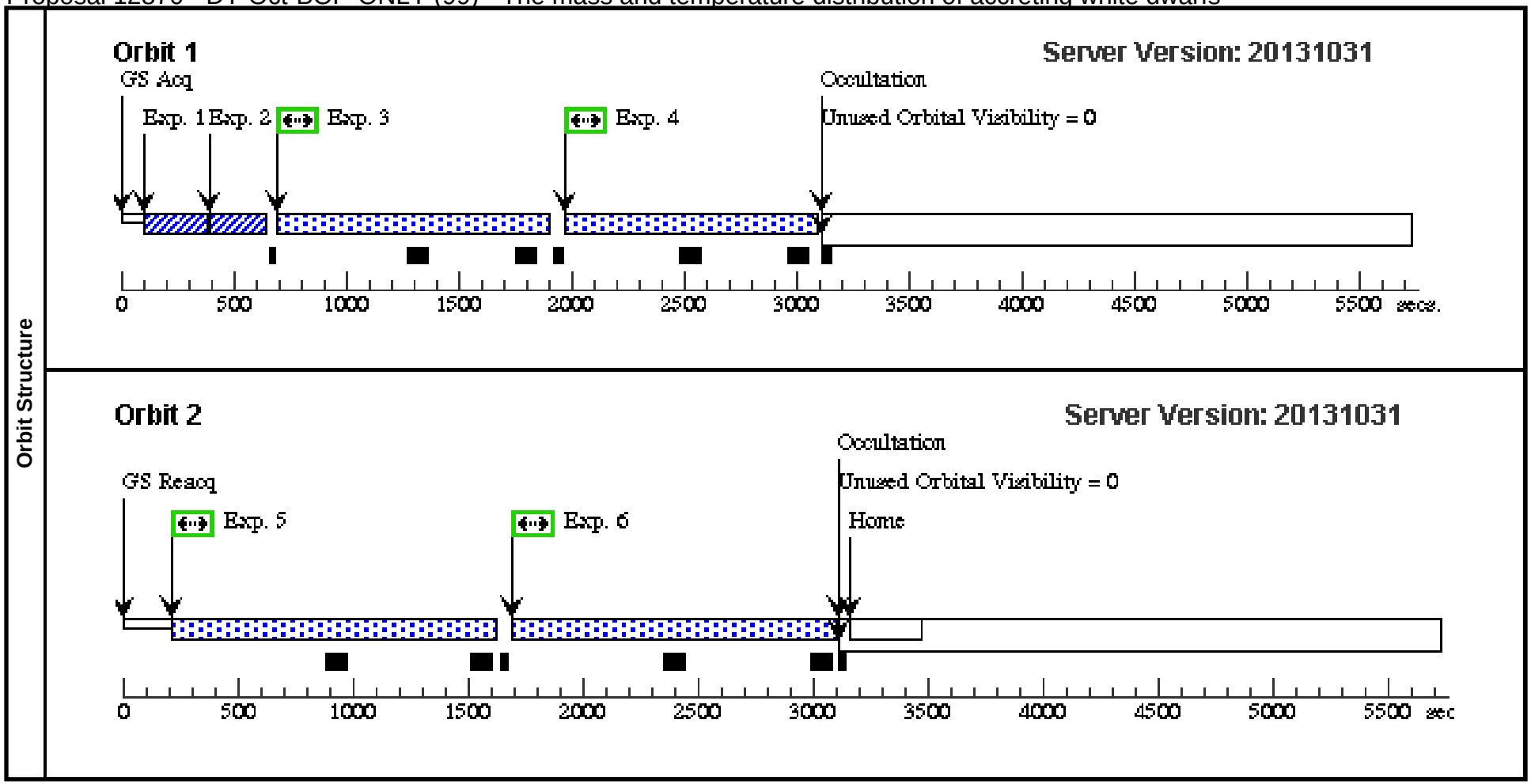
Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(42)	DT-OCT	RA: 18 40 52.3100 (280.2179583d) Dec: -83 43 10.00 (-83.71944d) Equinox: J2000	Proper Motion RA: -5.6 mas/yr Proper Motion Dec: -35.9 mas/yr Epoch of Position: 2000.0	V=16.5+/-0.3 F(1180A)=3e-14erg/cm/s/AA (F USE G9251202000)	Reference Frame: ICRS
Comments: SWIFT observed DT Oct on 2012/12/16 and 19, in the UVM2 filter for a total of 1150s. We measure a flux of 2.35 +/- 0.1 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A, both Swift visits agree well.					
(86)	TARGET42-SAFE-TARGET	Offset from DT-OCT RA Offset: -0.03 Secs Dec Offset: 9.843 Arcsec		V=16.5+/-0.3	Offset Position (TARGET42-SAFE-TARGET)
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.843 arcseconds away at a PA 0.4 degrees from DT-OCT.					

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	DT-Oct ACQ/PEAKXD (COS.sa.454149)	(86) TARGET42-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				20 Secs (20 Secs) *[==>]*	*[1]*
2	DT-Oct ACQ/PEAKD (COS.sa.454149)	(86) TARGET42-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			20 Secs (20 Secs) *[==>]*	*[1]*
3	DT-Oct FP-1 (COS.sp.416293)	(86) TARGET42-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=478; FP-POS=1; FLASH=YES			1091 Secs (1091 Secs) *[==>]*	*[1]*
4	DT-Oct FP-2 (COS.sp.416293)	(86) TARGET42-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=472; FP-POS=2; FLASH=YES			1069 Secs (1069 Secs) *[==>]*	*[1]*
5	DT-Oct FP-3 (COS.sp.416293)	(86) TARGET42-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=631; FP-POS=3; FLASH=YES			1357 Secs (1357 Secs) *[==>]*	*[2]*
6	DT-Oct FP-4 (COS.sp.416293)	(86) TARGET42-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=631; FP-POS=4; FLASH=YES			1357 Secs (1357 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
GS Reacq
Exp. 5
Exp. 6
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, BB-Ari (39), completed Tue Mar 11 01:28:46 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 165D TO 55 D; BETWEEN 01-SEP-2013:00:00:00 AND 30-NOV-2013:00:00:00

Comments: This should be scheduled in evening-local time. Flags need to be cleared during the work day.

Diagnostics

(BB-Ari (39)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

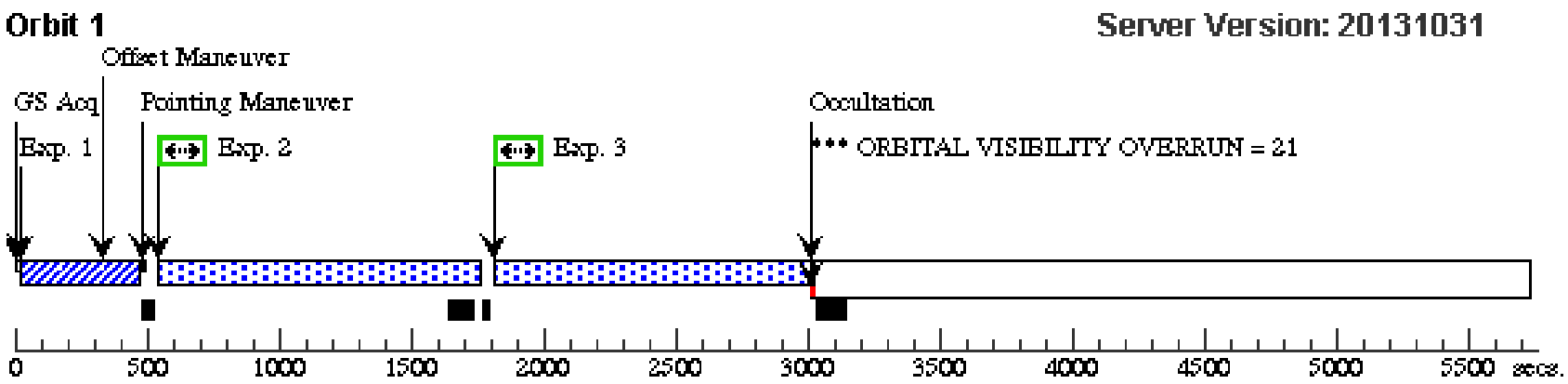
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	BB-ARI	RA: 02 44 57.7700 (41.2407083d) Dec: +27 31 9.30 (27.51925d) Equinox: J2000	Proper Motion RA: 19.4 mas/yr Proper Motion Dec: -7.3 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3	Reference Frame: ICRS

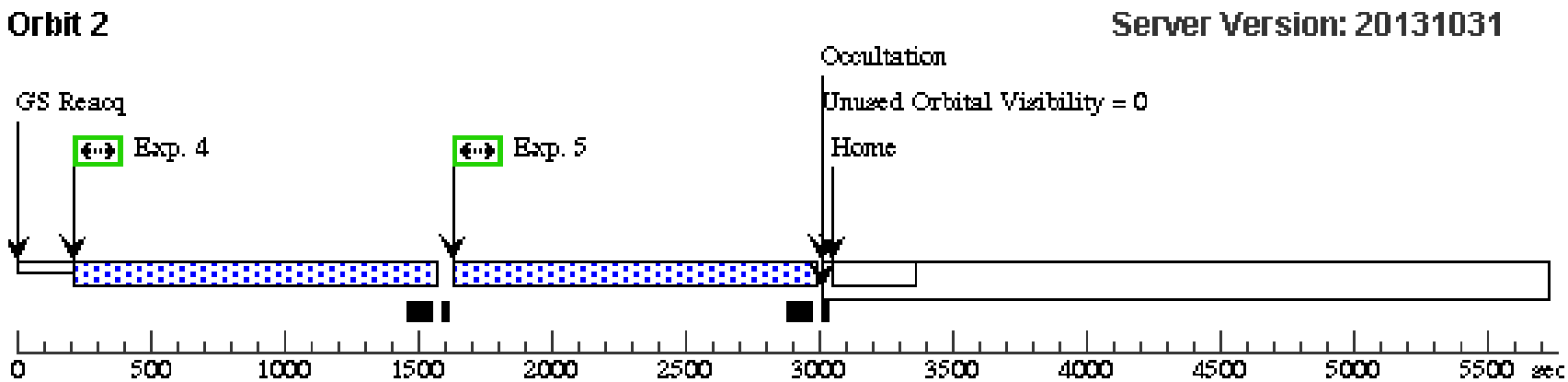
Comments: SWIFT observed BB Ari on 2012/12/13 in the UVM2 filter for a total of 965s. We measure a flux of 3.55 +/- 0.21 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BB-Ari ACQ (COS.ta.454237)	(9) BB-ARI	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		USE OFFSET V39SAF		25 Secs (25 Secs) *[==>]*	*[1]*
2	BB-Ari FP-1 (COS.sp.416295)	(9) BB-ARI	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=938; FP-POS=1; FLASH=YES	USE OFFSET V39SAF		1038 Secs (1038 Secs) *[==>]*	*[1]*
3	BB-Ari FP-2 (COS.sp.416295)	(9) BB-ARI	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1150; FP-POS=2; FLASH=YES	USE OFFSET V39SAF		1154 Secs (1154 Secs) *[==>]*	*[1]*
4	BB-Ari FP-3 (COS.sp.416295)	(9) BB-ARI	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1211; FP-POS=3; FLASH=YES	USE OFFSET V39SAF		1311 Secs (1311 Secs) *[==>]*	*[2]*
5	BB-Ari FP-4 (COS.sp.416295)	(9) BB-ARI	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1211; FP-POS=4; FLASH=YES	USE OFFSET V39SAF		1311 Secs (1311 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 12870, BB-Ari-BOP-ONLY (B9), withdrawn Tue Mar 11 01:28:47 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 165D TO 55 D; BETWEEN 01-SEP-2013:00:00:00 AND 30-NOV-2013:00:00:00

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

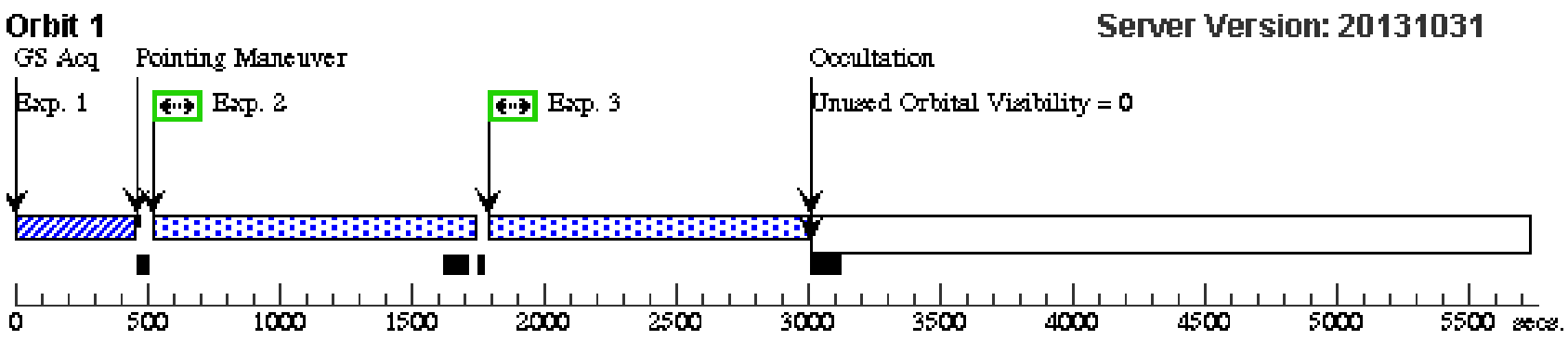
Fixed Targets

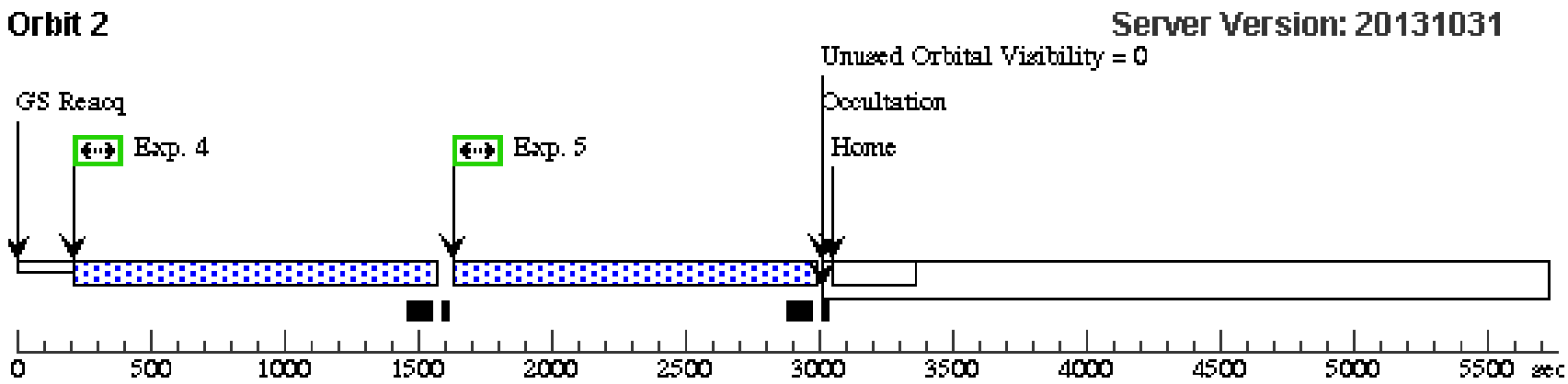
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	BB-ARI	RA: 02 44 57.7700 (41.2407083d) Dec: +27 31 9.30 (27.51925d) Equinox: J2000	Proper Motion RA: 19.4 mas/yr Proper Motion Dec: -7.3 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3	Reference Frame: ICRS
Comments: SWIFT observed BB Ari on 2012/12/13 in the UVM2 filter for a total of 965s. We measure a flux of 3.55 +/- 0.21 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A.					
(96)	TARGET09-SAFE-TARGET	Offset from BB-ARI RA Offset: -0.34 Secs Dec Offset: 8.687 Arcsec		V=17.9+/-0.3	Offset Position (TARGET09-SAFE-TARGET)
Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.835 arcseconds away at a PA 332.0 degrees from BB-ARI.					

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BB-Ari ACQ (COS.ta.454237)	(96) TARGET09-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				25 Secs (25 Secs) *[==>]*	*[1]*
2	BB-Ari FP-1 (COS.sp.416295)	(96) TARGET09-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=938; FP-POS=1; FLASH=YES			1038 Secs (1038 Secs) *[==>]*	*[1]*
3	BB-Ari FP-2 (COS.sp.416295)	(96) TARGET09-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1150; FP-POS=2; FLASH=YES			1154 Secs (1154 Secs) *[==>]*	*[1]*
4	BB-Ari FP-3 (COS.sp.416295)	(96) TARGET09-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1211; FP-POS=3; FLASH=YES			1311 Secs (1311 Secs) *[==>]*	*[2]*
5	BB-Ari FP-4 (COS.sp.416295)	(96) TARGET09-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1211; FP-POS=4; FLASH=YES			1311 Secs (1311 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 12870, IY-UMa (40), completed Tue Mar 11 01:28:47 GMT 2014

Diagnostic Status: Warning

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 340D TO 220 D; BETWEEN 20-OCT-2012:00:00:00 AND 20-JUN-2013:00:00:00; Period 0.07390901 D AND ZERO-PHASE HJD2451570.85376

Comments: Note from PC: This system requires multiple obsets.
This should be scheduled in evening-local time. Flags need to be cleared during the work day.
This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

Ephemeris from Steeghs et al. 2003, 2003MNRAS.339..810S, with an updated period from Joe Patterson.

Diagnostics

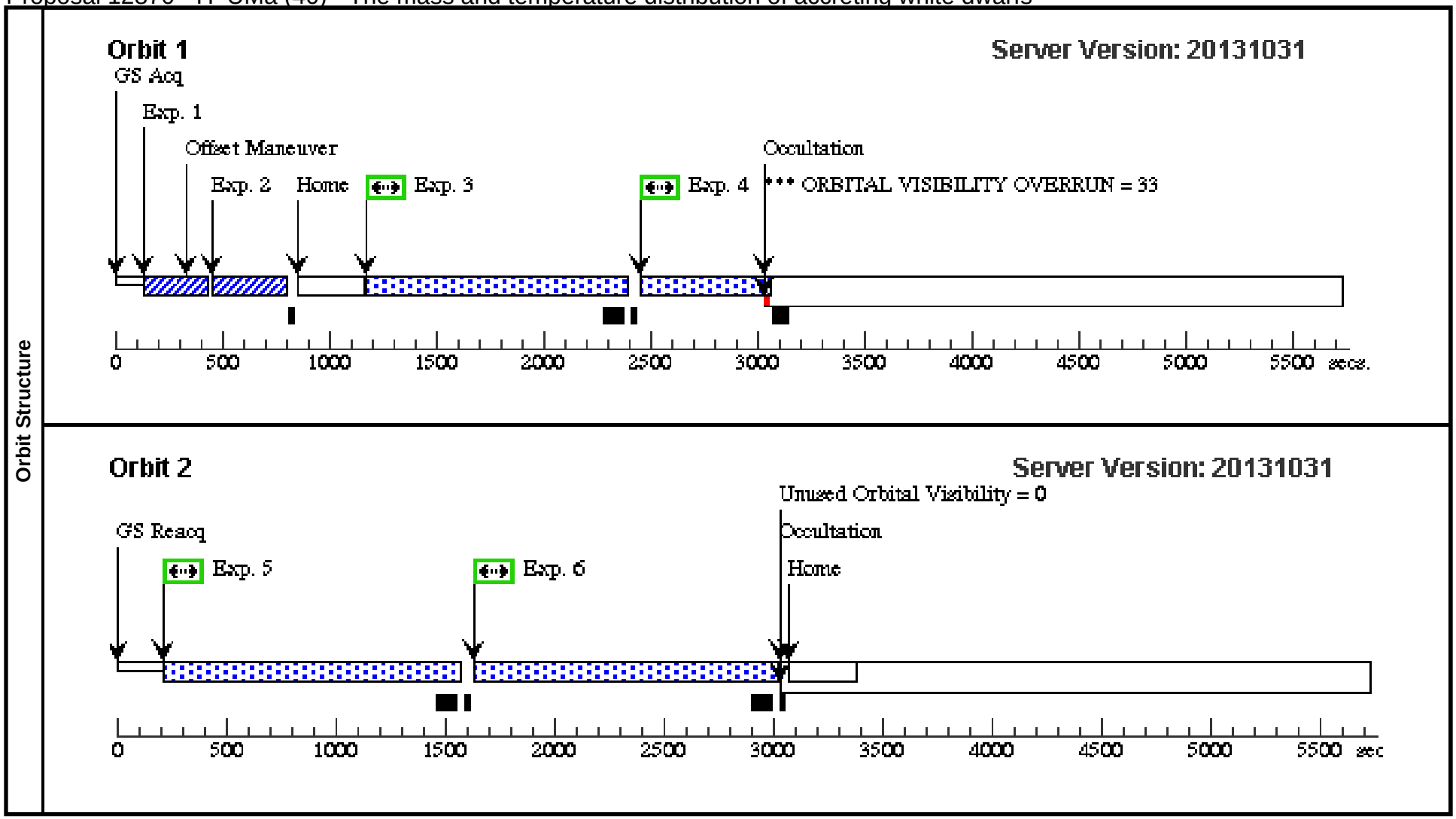
(IY-UMa (40)) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(28)	IY-UMA	RA: 10 43 56.7400 (160.9864167d) Dec: +58 07 32.10 (58.12558d) Equinox: J2000	Proper Motion RA: -63.7 mas/yr Proper Motion Dec: -25.6 mas/yr Epoch of Position: 2000.0	V=18.4+/-0.3 GALEX FUV=200microJy GALEX NUV=220microJy	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	IY-UMa ACQ/PEAKXD (COS.sa.416303)	(28) IY-UMA	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		PHASE 0.15 TO 0.85; USE OFFSET V40SAF		40 Secs (40 Secs) *[==>]*	*[1]*
2	IY-UMa ACQ/PEAKD (COS.sa.416303)	(28) IY-UMA	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF	USE OFFSET V40SAF		40 Secs (40 Secs) *[==>]*	*[1]*
3	IY-UMa FP-1 (COS.sp.416300)	(28) IY-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=895; FP-POS=1; FLASH=YES	USE OFFSET V40SAF; NEW OBSET		991 Secs (991 Secs) *[==>]*	*[1]*
4	IY-UMa FP-2 (COS.sp.416300)	(28) IY-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=891; FP-POS=2; FLASH=YES	USE OFFSET V40SAF		555 Secs (555 Secs) *[==>]*	*[1]*
5	IY-UMa FP-3 (COS.sp.416300)	(28) IY-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1211; FP-POS=3; FLASH=YES	USE OFFSET V40SAF		1311 Secs (1311 Secs) *[==>]*	*[2]*
6	IY-UMa FP-4 (COS.sp.416300)	(28) IY-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1236; FP-POS=4; FLASH=YES	USE OFFSET V40SAF		1337 Secs (1337 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Offset Maneuver
Exp. 2
Home
Exp. 3
Exp. 4
Occultation
*** ORBITAL VISIBILITY OVERRUN = 33
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Exp. 6
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, IY-UMn-BOP-ONLY (87), withdrawn Tue Mar 11 01:28:48 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ORIENT 340D TO 220 D; BETWEEN 20-OCT-2012:00:00:00 AND 20-JUN-2013:00:00:00; Period 0.07390901 D AND ZERO-PHASE HJD2451570.85376

Comments: Note from PC: This system requires multiple obsets.
This visit is for BOP checking the "safe" target only and should not execute onboard HST.
This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

Ephemeris from Steeghs et al. 2003, 2003MNRAS.339..810S, with an updated period from Joe Patterson.

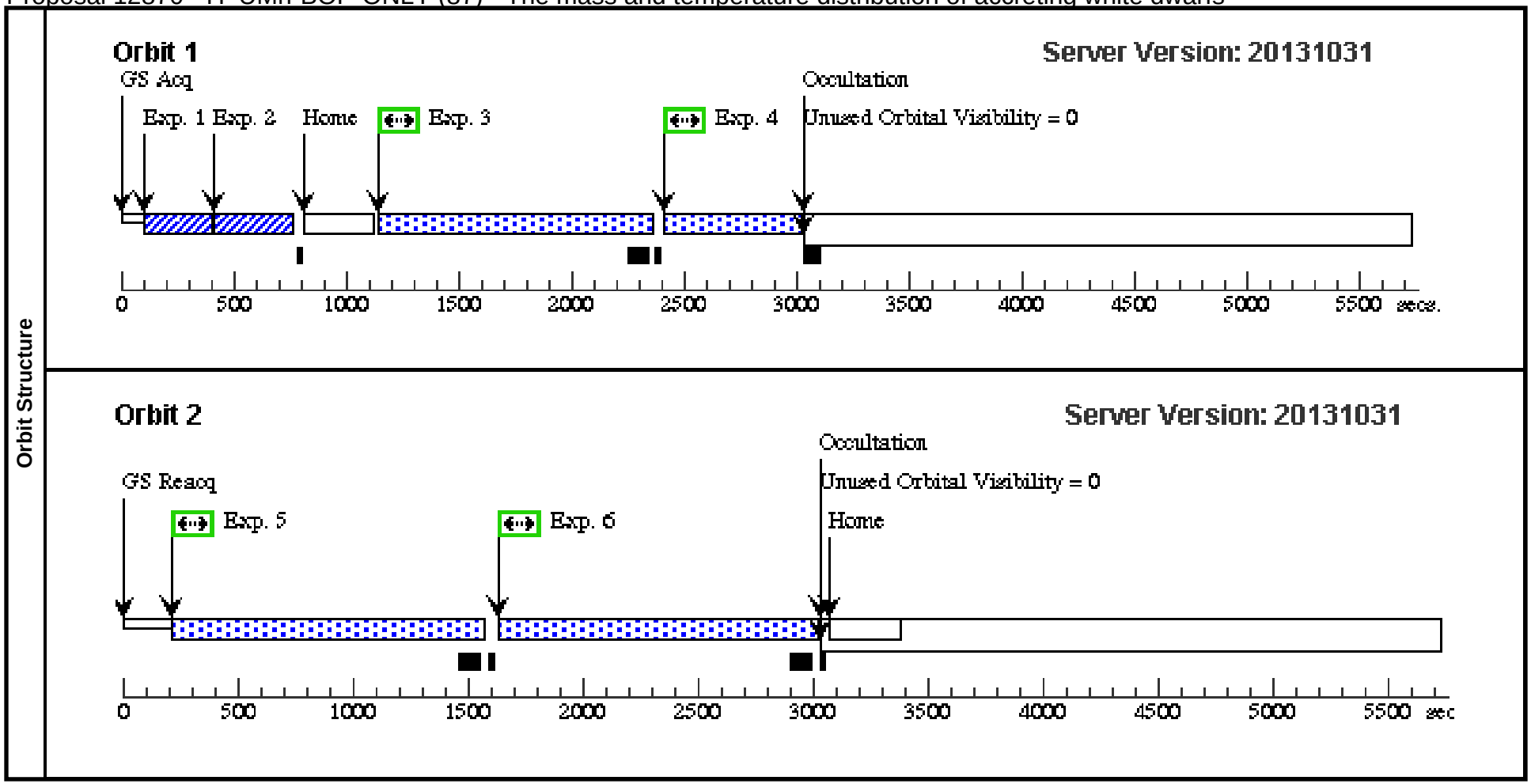
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(28)	IY-UMA	RA: 10 43 56.7400 (160.9864167d) Dec: +58 07 32.10 (58.12558d) Equinox: J2000	Proper Motion RA: -63.7 mas/yr Proper Motion Dec: -25.6 mas/yr Epoch of Position: 2000.0	V=18.4+/-0.3 GALEX FUV=200microJy GALEX NUV=220microJy	Reference Frame: ICRS
(79)	TARGET28-SAFE-TARGET	Offset from IY-UMA RA Offset: 0.77 Secs Dec Offset: -6.625 Arcsec		V=18.4+/-0.3	Offset Position (TARGET28-SAFE-TARGET)

Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.028 arcseconds away at a PA 137.2 degrees from IY-UMA.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	IY-UMa ACQ/PEAKXD (COS.sa.416303)	(79) TARGET28-SAFE-TARGET	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		PHASE 0.15 TO 0.85		40 Secs (40 Secs) *[==>]*	*[1]*
2	IY-UMa ACQ/PEAKD (COS.sa.416303)	(79) TARGET28-SAFE-TARGET	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			40 Secs (40 Secs) *[==>]*	*[1]*
3	IY-UMa FP-1 (COS.sp.416300)	(79) TARGET28-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=895; FP-POS=1; FLASH=YES	NEW OBSET		991 Secs (991 Secs) *[==>]*	*[1]*
4	IY-UMa FP-2 (COS.sp.416300)	(79) TARGET28-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=891; FP-POS=2; FLASH=YES			555 Secs (555 Secs) *[==>]*	*[1]*
5	IY-UMa FP-3 (COS.sp.416300)	(79) TARGET28-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1211; FP-POS=3; FLASH=YES			1311 Secs (1311 Secs) *[==>]*	*[2]*
6	IY-UMa FP-4 (COS.sp.416300)	(79) TARGET28-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1236; FP-POS=4; FLASH=YES			1337 Secs (1337 Secs) *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20131031
GS Acq
Exp. 1
Exp. 2
Home
Exp. 3
Exp. 4
Occultation
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20131031
GS Reacq
Exp. 5
Exp. 6
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, V380-Oph (41), withdrawn Tue Mar 11 01:28:48 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ON HOLD

On Hold Comments: This is one of the VY Scl type targets, where the white dwarf is visible onyl during a low state - we need to wait for a low state to happen (only two out of the seven VY Scl targets will be activated).

Fixed Targets

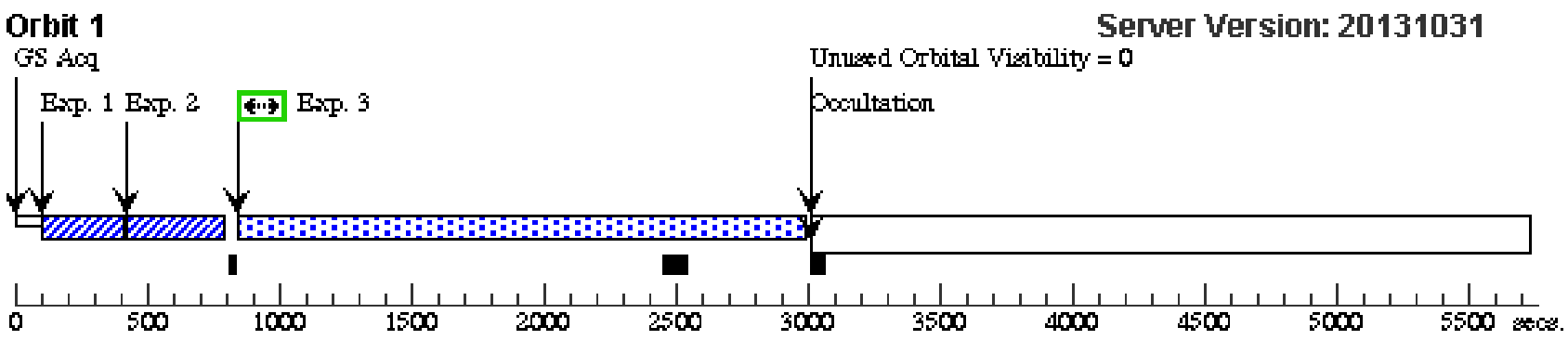
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(41)	V380-OPH	RA: 17 50 13.6300 (267.5567917d) Dec: +06 05 29.27 (6.09146d) Equinox: J2000	Proper Motion RA: -3.3 mas/yr Proper Motion Dec: -3.4 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3 GALEX FUV=1215microJy GALEX NUV=1680microJy	Reference Frame: ICRS

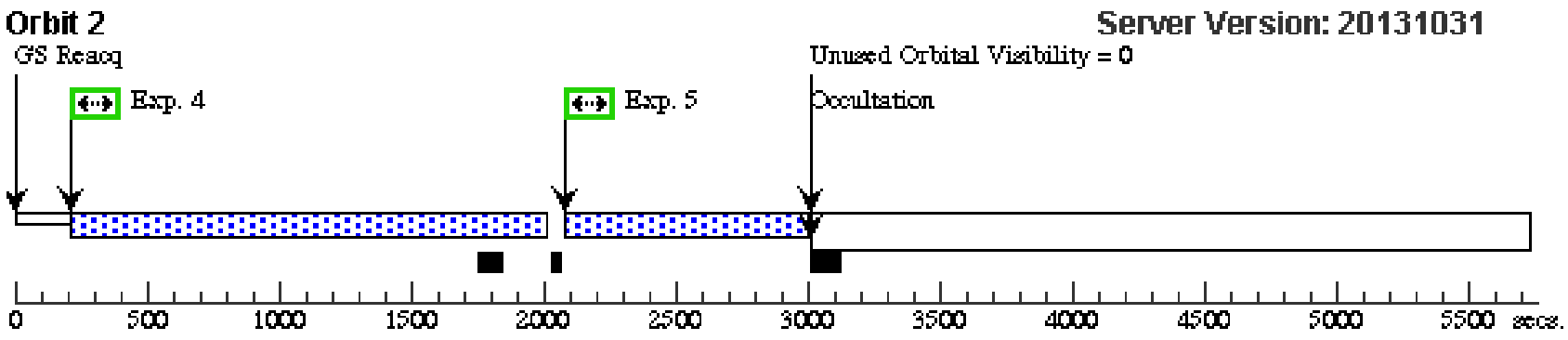
Comments: SWIFT just observed V380 Oph via a DDT in the UVM2 filter for 500s, and I get a flux of 1.22 +/- 0.05 10^-15 erg/s/cm^2/A for an effective wavelength of 2229A.

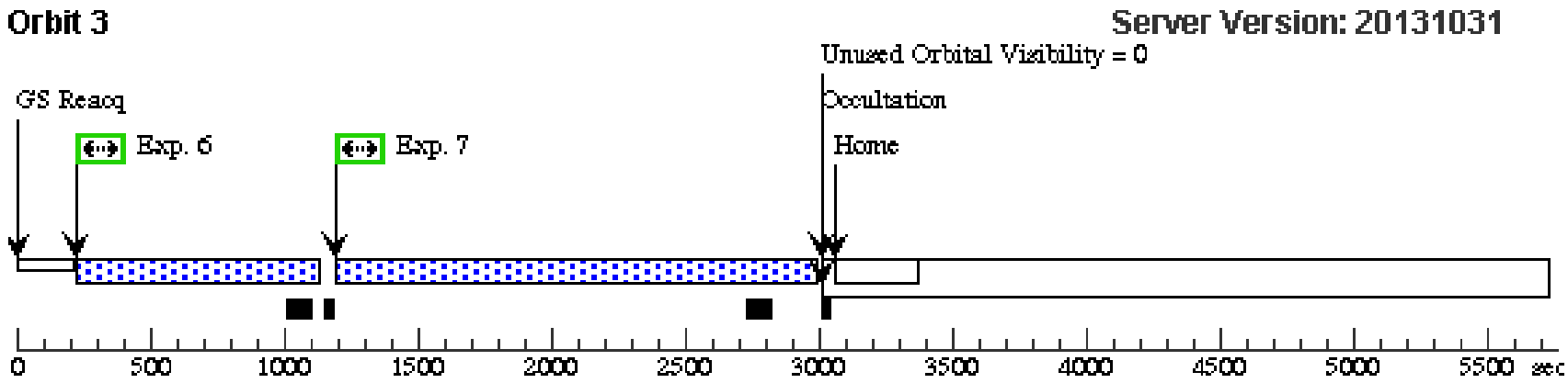
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	V380-Oph ACQ/PEAKXD (COS.sa.436981)	(41) V380-OPH	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				45 Secs (45 Secs) *[==>]*	*[1]*
2	V380-Oph ACQ/PEAKD (COS.sa.436981)	(41) V380-OPH	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			45 Secs (45 Secs) *[==>]*	*[1]*
3	V380-Oph FP-1 (COS.sp.415616)	(41) V380-OPH	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=1; FLASH=YES			2034 Secs (2034 Secs) *[==>]*	*[1]*
4	V380-Oph FP-2 (COS.sp.415616)	(41) V380-OPH	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=2; FLASH=YES			1746 Secs (1746 Secs) *[==>]*	*[2]*
5	V380-Oph FP-3 (COS.sp.415616)	(41) V380-OPH	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=850; FP-POS=3; FLASH=YES			868 Secs (868 Secs) *[==>]*	*[2]*
6	V380-Oph FP-3 (COS.sp.415616)	(41) V380-OPH	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	V380-Oph FP-4 (COS.sp.415616)	(41) V380-OPH	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, SDSS1642+1347 (04), completed Tue Mar 11 01:28:49 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 75D TO 280 D

Comments: This should be scheduled in evening local-time. Flags need to be cleared during the work day.

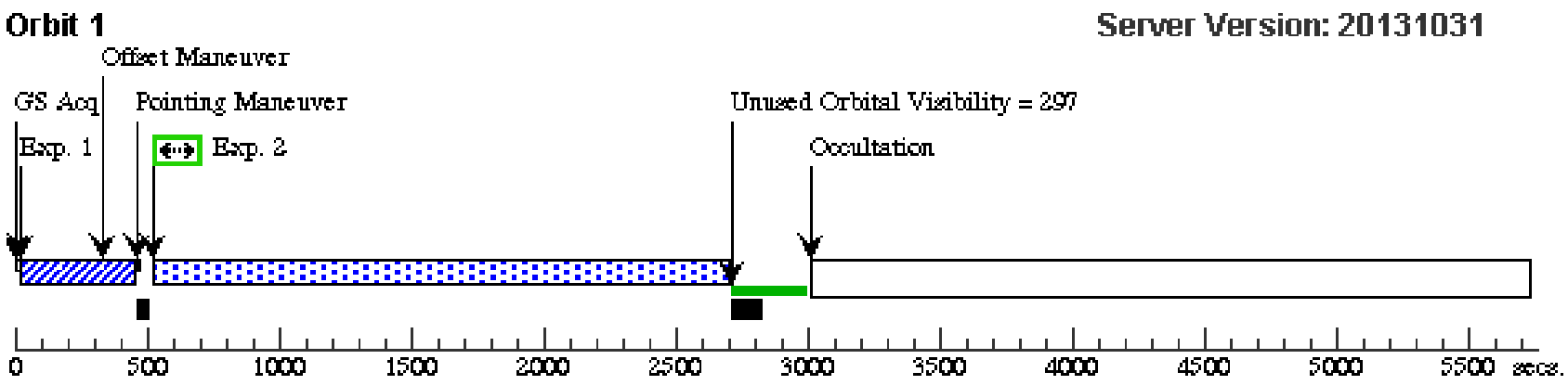
Fixed Targets

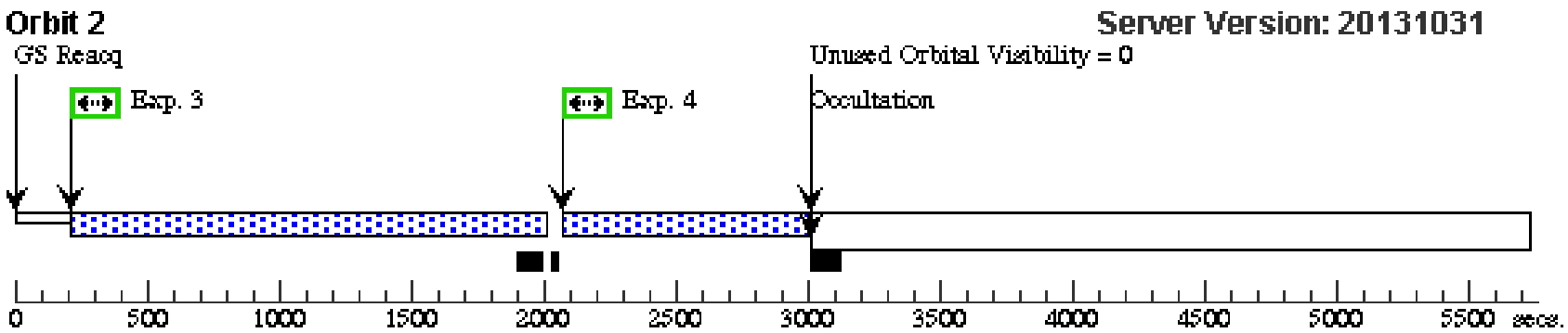
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(40)	SDSS1642+1347	RA: 16 42 48.5100 (250.7021250d) Dec: +13 47 51.50 (13.79764d) Equinox: J2000	Proper Motion RA: -14.4 mas/yr Proper Motion Dec: -2.0 mas/yr Epoch of Position: 2000.0	V=18.6+/-0.3 GALEX FUV=70microJy GALEX NUV=100microJy	Reference Frame: ICRS

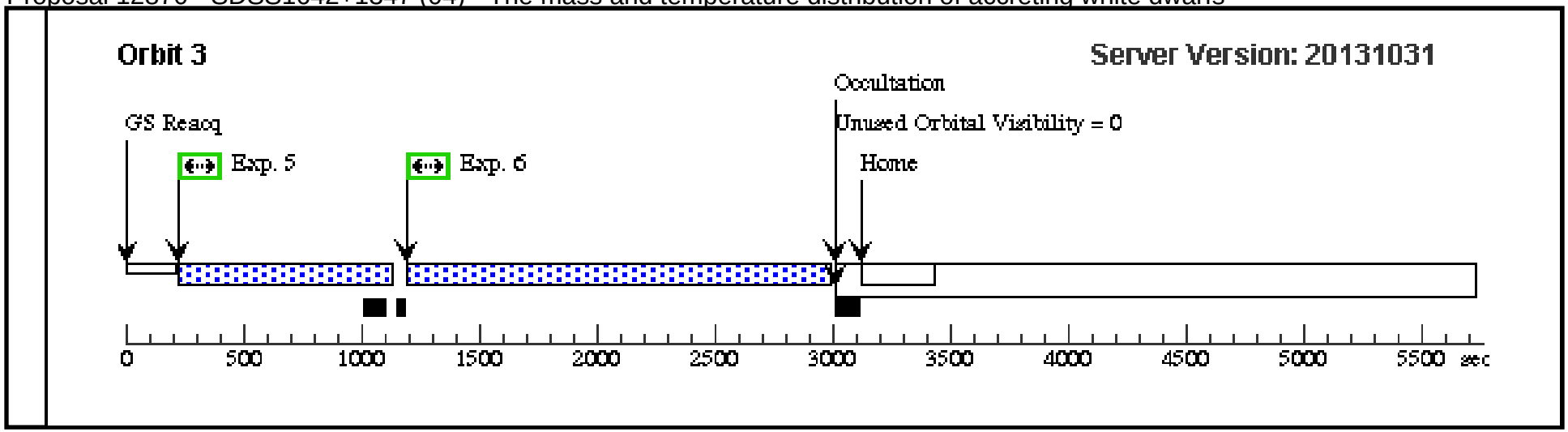
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1642+1347 ACQ (COS.ta.415685)	(40) SDSS1642+1347	COS/NUV, ACQ/IMAGE, PSA	MIRRORA		USE OFFSET V04SAF		15 Secs (15 Secs) *[==>]*	*[1]*
2	SDSS1642+1347 FP-1 (COS.sp.415686)	(40) SDSS1642+1347	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2000; FP-POS=1; FLASH=YES	USE OFFSET V04SAF		2001 Secs (2001 Secs) *[==>]*	*[1]*
3	SDSS1642+1347 FP-2 (COS.sp.415686)	(40) SDSS1642+1347	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1650; FP-POS=2; FLASH=YES	USE OFFSET V04SAF		1750 Secs (1750 Secs) *[==>]*	*[2]*
4	SDSS1642+1347 FP-3 (COS.sp.415686)	(40) SDSS1642+1347	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=849; FP-POS=3; FLASH=YES	USE OFFSET V04SAF		874 Secs (874 Secs) *[==>]*	*[2]*
5	SDSS1642+1347 FP-3 (COS.sp.415686)	(40) SDSS1642+1347	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES	USE OFFSET V04SAF		864 Secs (864 Secs) *[==>]*	*[3]*
6	SDSS1642+1347 FP-4 (COS.sp.415686)	(40) SDSS1642+1347	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1750; FP-POS=4; FLASH=YES	USE OFFSET V04SAF		1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure






Orbit 3
Server Version: 20131031
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12870, SDSS1642+1347-SAFE-VISIT (60), completed Tue Mar 11 01:28:50 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 75D TO 280 D

Comments: This visit allocates and sets up the safe position offset slot for visit 04 which will use that slot.

This visit should go earlier in the week while visit 4 will be at least 3 days later.

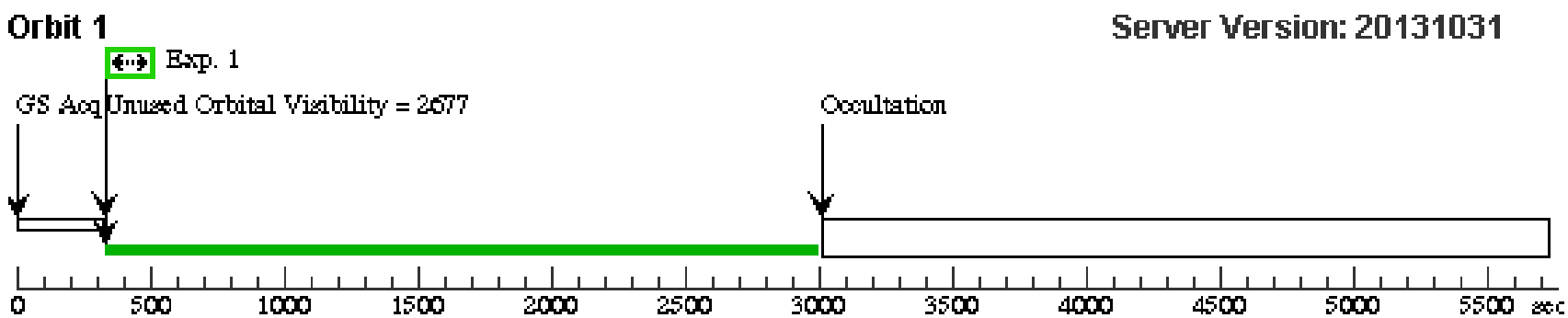
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(40)	SDSS1642+1347	RA: 16 42 48.5100 (250.7021250d) Dec: +13 47 51.50 (13.79764d) Equinox: J2000	Proper Motion RA: -14.4 mas/yr Proper Motion Dec: -2.0 mas/yr Epoch of Position: 2000.0	V=18.6+/-0.3 GALEX FUV=70microJy GALEX NUV=100microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(40) SDSS1642+1347	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V04 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 230.3; QESIPARM DIST 9.085		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS1642+1347-BOP-ONLY (61), withdrawn Tue Mar 11 01:28:50 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; ORIENT 75D TO 280 D

Comments: This visit is for BOP checking the "safe" target only and should not execute onboard HST.

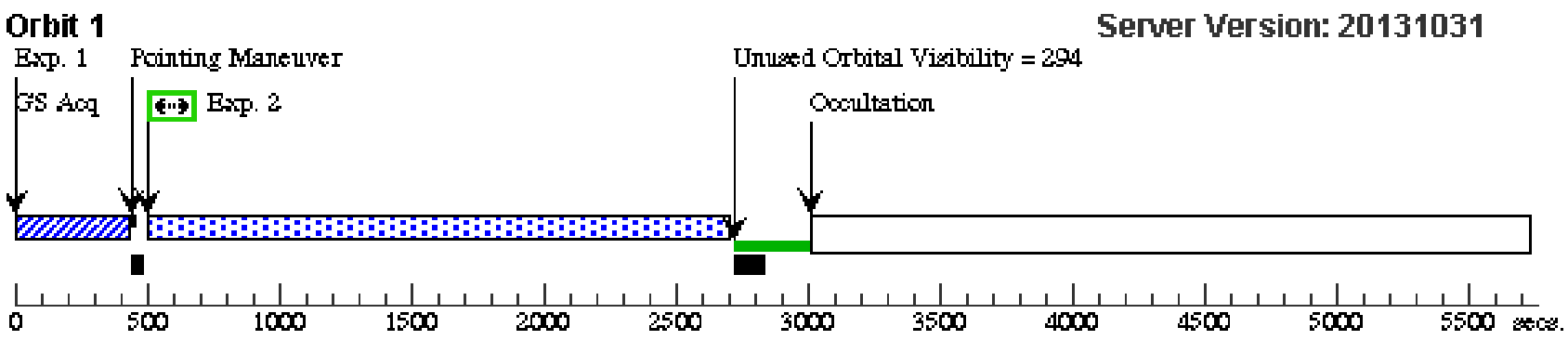
Fixed Targets

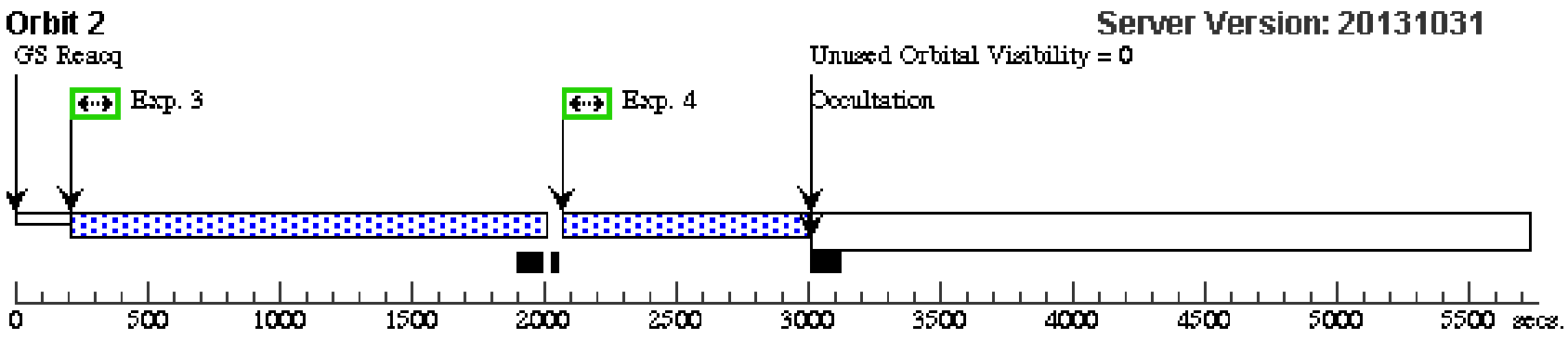
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(40)	SDSS1642+1347	RA: 16 42 48.5100 (250.7021250d) Dec: +13 47 51.50 (13.79764d) Equinox: J2000	Proper Motion RA: -14.4 mas/yr Proper Motion Dec: -2.0 mas/yr Epoch of Position: 2000.0	V=18.6+/-0.3 GALEX FUV=70microJy GALEX NUV=100microJy	Reference Frame: ICRS
(57)	TARGET40-SAFE-TARGET	Offset from SDSS1642+1347 RA Offset: -0.47 Secs Dec Offset: -5.805 Arcsec		V=18.6+/-0.3	Offset Position (TARGET40-SAFE-TARGET)

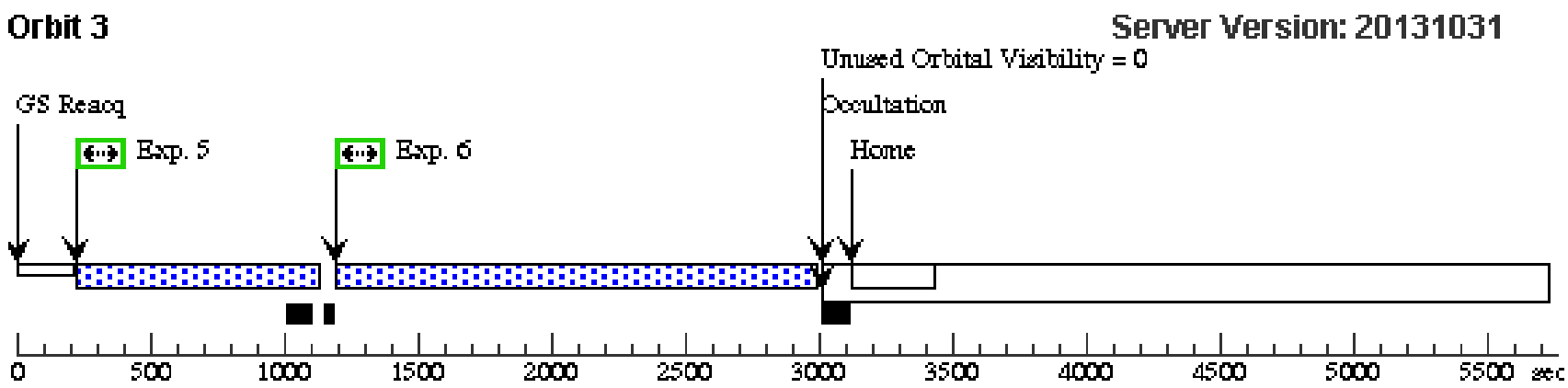
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSS1642+1347 ACQ (COS.ta.415685)	(57) TARGET40-SAFE-TARGET	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				15 Secs (15 Secs) *[==>]*	*[1]*
2	SDSS1642+1347 FP-1 (COS.sp.415686)	(57) TARGET40-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=2000; FP-POS=1; FLASH=YES			2025 Secs (2025 Secs) *[==>]*	*[1]*
3	SDSS1642+1347 FP-2 (COS.sp.415686)	(57) TARGET40-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1650; FP-POS=2; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[2]*
4	SDSS1642+1347 FP-3 (COS.sp.415686)	(57) TARGET40-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=849; FP-POS=3; FLASH=YES			874 Secs (874 Secs) *[==>]*	*[2]*
5	SDSS1642+1347 FP-3 (COS.sp.415686)	(57) TARGET40-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
6	SDSS1642+1347 FP-4 (COS.sp.415686)	(57) TARGET40-SAFE-TARGET	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1770; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, MR-UMa-SAFE-VISIT (62), completed Tue Mar 11 01:28:50 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 115D TO 315 D

Comments: This visit allocates and sets up the safe position offset slot for visit 29 which will use that slot.

This visit should go earlier in the week while visit 29 will be at least 3 days later.

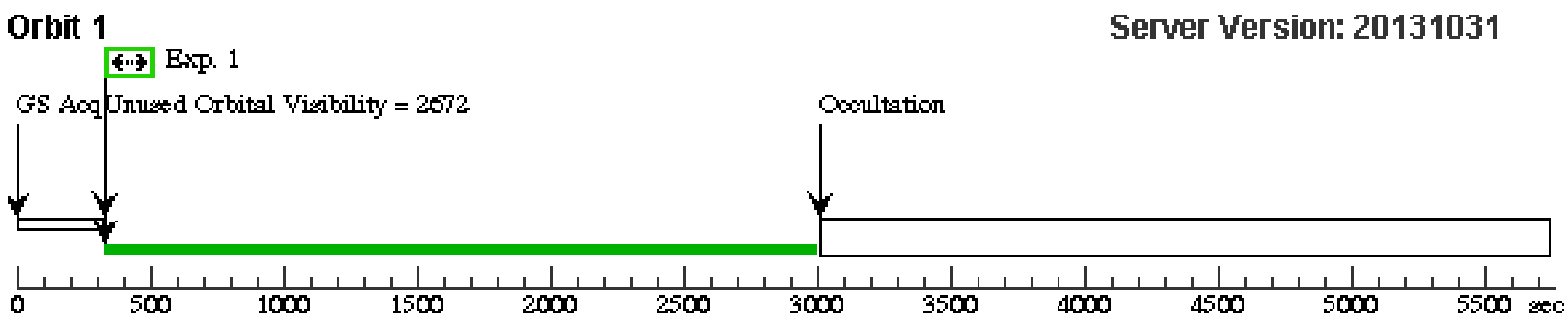
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(52)	MR-UMA	RA: 11 31 22.3900 (172.8432917d) Dec: +43 22 38.50 (43.37736d) Equinox: J2000	Epoch of Position: 2000.0	V=16.7+/-0.3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(52) MR-UMA	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V29 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGL E 238.9; QESIPARM DIST 9. 083		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, HS0455+8315 (VA), withdrawn Tue Mar 11 01:28:51 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; Period 0.148723901 D AND ZERO-PHASE HJD2451859.24679; ON HOLD

Comments: This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

Ephemeris from Boyd (2012)

On Hold Comments: This is one of the VY Scl type targets, where the white dwarf is visible onyl during a low state - we need to wait for a low state to happen (only two out of the seven VY Scl targets will be activated).

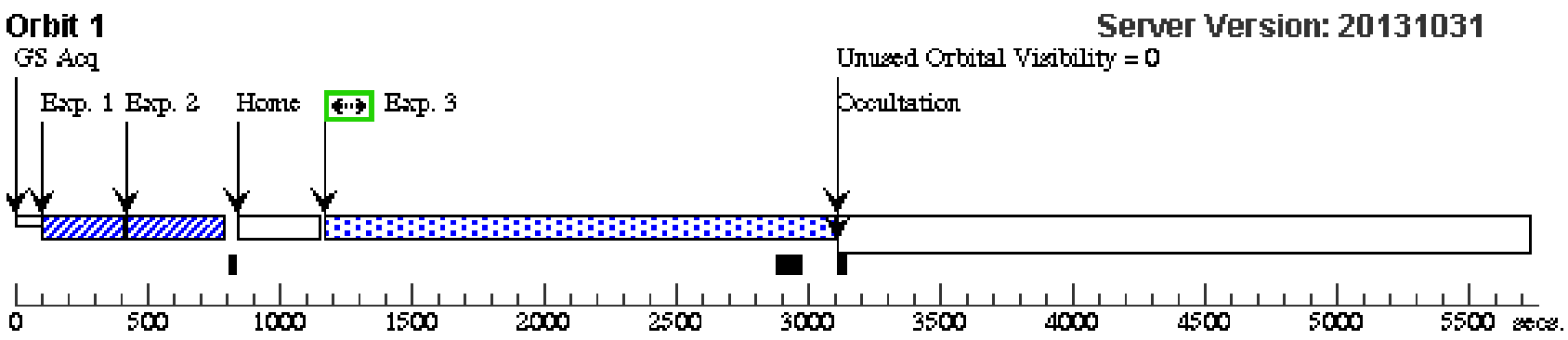
Fixed Targets

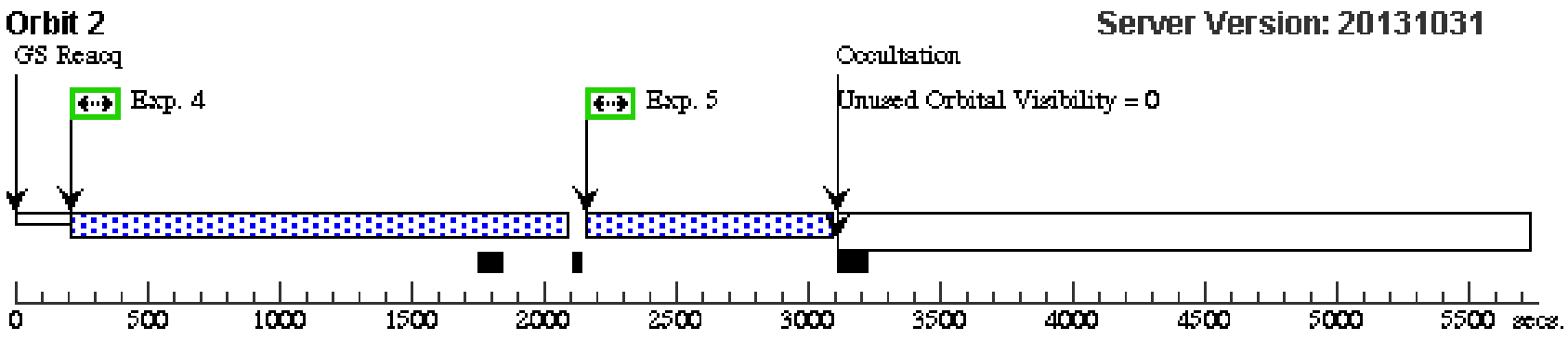
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	HS0455+8315	RA: 05 06 48.2300 (76.7009583d) Dec: +83 19 23.40 (83.32317d) Equinox: J2000	Proper Motion RA: -3.1 mas/yr Proper Motion Dec: 6.8 mas/yr Epoch of Position: 2000.0	V=19.0+/-0.3 GALEX FUV=540microJy GALEX NUV=630microJy	Reference Frame: ICRS

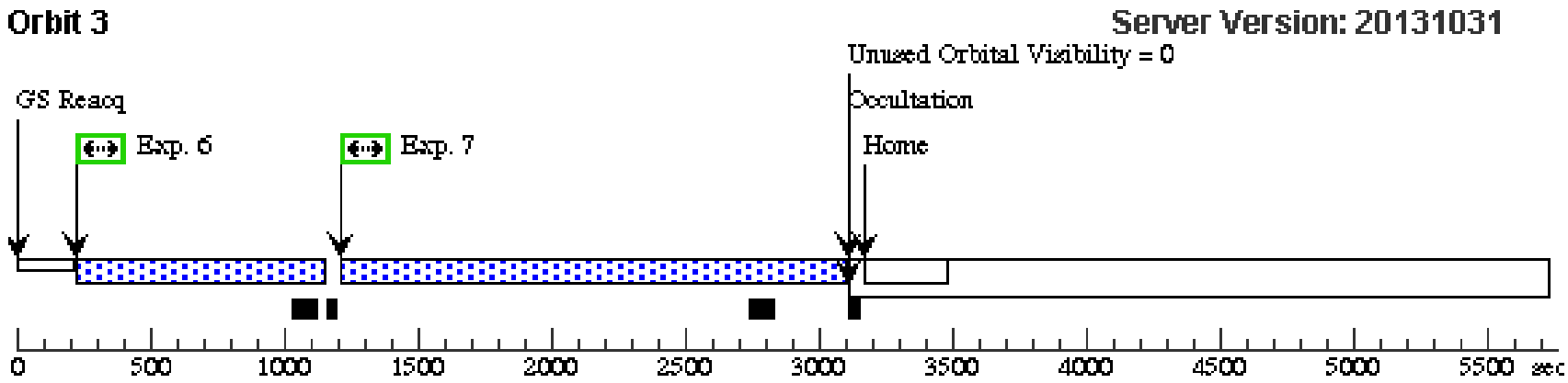
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	HS0455+8315 ACQ/PEAKXD (COS.sa.436981)	(12) HS0455+8315	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		PHASE 0.15 TO 0.80		45 Secs (45 Secs) *[==>]*	*[1]*
2	HS0455+8315ACQ/PEAKD (COS.sa.436981)	(12) HS0455+8315	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			45 Secs (45 Secs) *[==>]*	*[1]*
3	HS0455+8315 FP-1 (COS.ta.416318)	(12) HS0455+8315	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=1; FLASH=YES	NEW OBSET		1697 Secs (1697 Secs) *[==>]*	*[1]*
4	HS0455+8315 FP-2 (COS.sp.416326)	(12) HS0455+8315	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=2; FLASH=YES			1832 Secs (1832 Secs) *[==>]*	*[2]*
5	HS0455+8315 FP-3 (COS.sp.416326)	(12) HS0455+8315	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=878; FP-POS=3; FLASH=YES			882 Secs (882 Secs) *[==>]*	*[2]*
6	HS0455+8315 FP-3 (COS.sp.416326)	(12) HS0455+8315	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=780; FP-POS=3; FLASH=YES			878 Secs (878 Secs) *[==>]*	*[3]*
7	HS0455+8315 FP-4 (COS.sp.416326)	(12) HS0455+8315	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=4; FLASH=YES			1836 Secs (1836 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, HS0220+0603 (VB), withdrawn Tue Mar 11 01:28:51 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; Period 0.149207696 D AND ZERO-PHASE HJD2452563.57407; ON HOLD

Comments: This system is eclipsing, and the target acquisition should be scheduled such that it avoids the eclipse.

Ephemeris from Boyd (2012)

On Hold Comments: This is one of the VY Scl type targets, where the white dwarf is visible onyl during a low state - we need to wait for a low state to happen (only two out of the seven VY Scl targets will be activated).

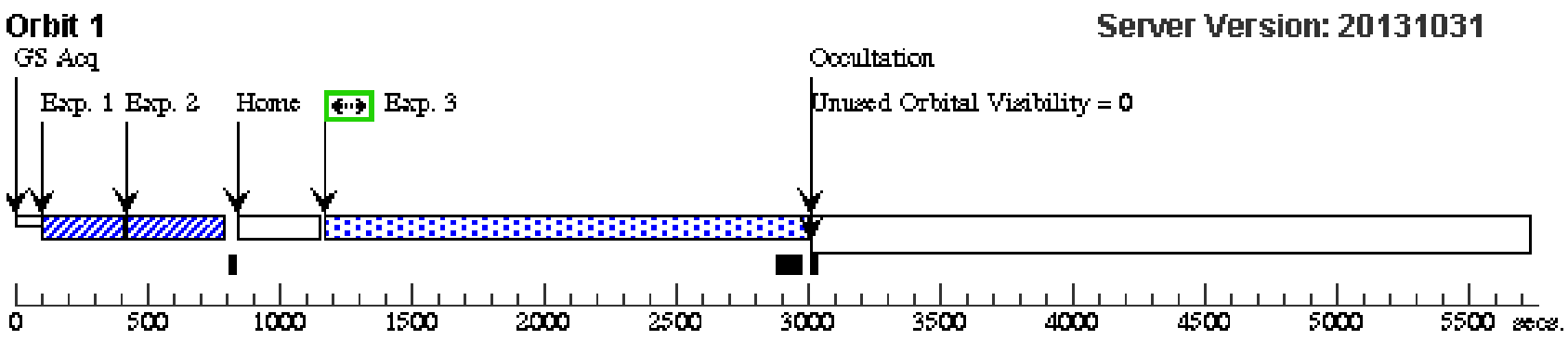
Fixed Targets

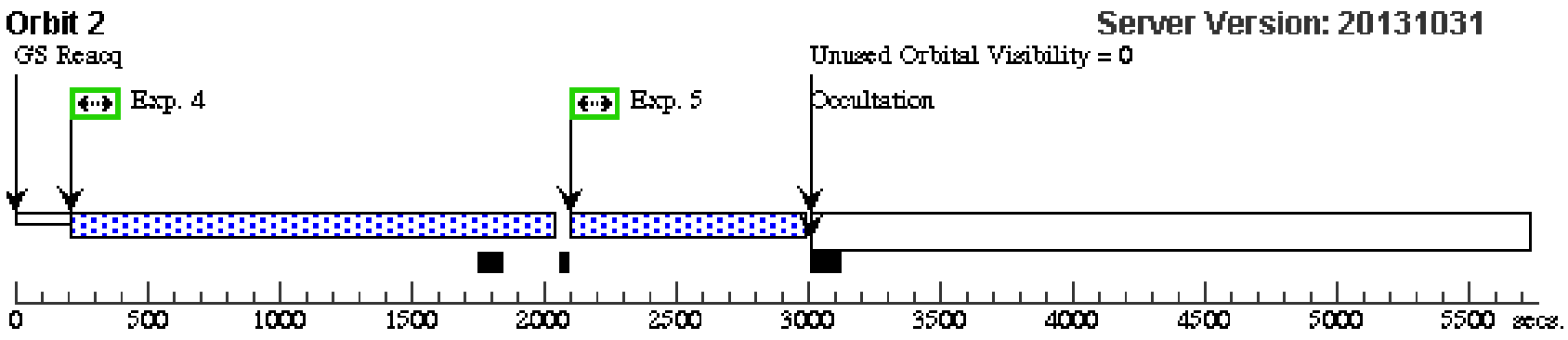
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	HS0220+0603	RA: 02 23 1.6600 (35.7569167d) Dec: +06 16 49.70 (6.28047d) Equinox: J2000	Proper Motion RA: 0.9 mas/yr Proper Motion Dec: -14.9 mas/yr Epoch of Position: 2000.0	V=19.0+/-0.3 GALEX FUV=120microJy GALEX NUV=170microJy	Reference Frame: ICRS

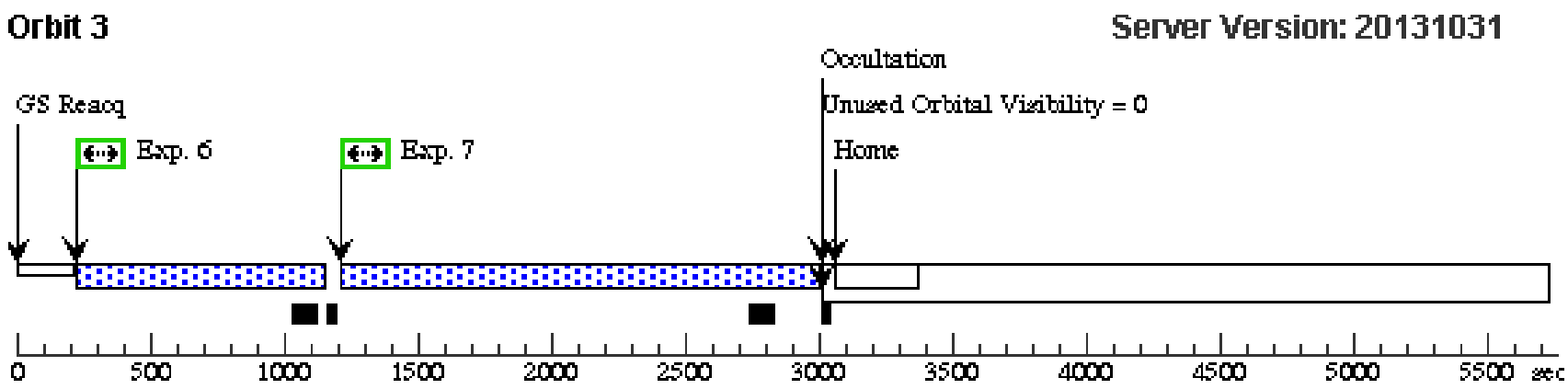
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	HS0220+0603 ACQ/PEAKXD (COS.sa.436981)	(7) HS0220+0603	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A		PHASE 0.15 TO 0.80		45 Secs (45 Secs) *[==>]*	*[1]*
2	HS0220+0603 ACQ/PEAKD (COS.sa.436981)	(7) HS0220+0603	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			45 Secs (45 Secs) *[==>]*	*[1]*
3	HS0220+0603 FP-1 (COS.ta.416318)	(7) HS0220+0603	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=1; FLASH=YES	NEW OBSET		1597 Secs (1597 Secs) *[==>]*	*[1]*
4	HS0220+0603 FP-2 (COS.sp.416326)	(7) HS0220+0603	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=2; FLASH=YES			1774 Secs (1774 Secs) *[==>]*	*[2]*
5	HS0220+0603 FP-3 (COS.sp.416326)	(7) HS0220+0603	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=820; FP-POS=3; FLASH=YES			840 Secs (840 Secs) *[==>]*	*[2]*
6	HS0220+0603 FP-3 (COS.sp.416326)	(7) HS0220+0603	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=780; FP-POS=3; FLASH=YES			878 Secs (878 Secs) *[==>]*	*[3]*
7	HS0220+0603 FP-4 (COS.sp.416326)	(7) HS0220+0603	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=4; FLASH=YES			1736 Secs (1736 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, LN-UMa (VC), withdrawn Tue Mar 11 01:28:52 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ON HOLD

On Hold Comments: This is one of the VY Scl type targets, where the white dwarf is visible onyl during a low state - we need to wait for a low state to happen (only two out of the seven VY Scl targets will be activated).

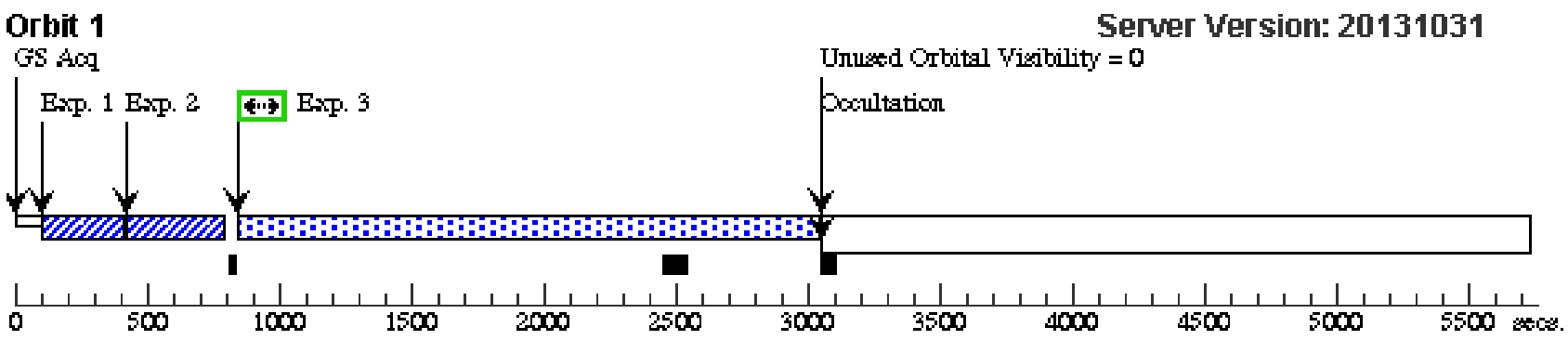
Fixed Targets

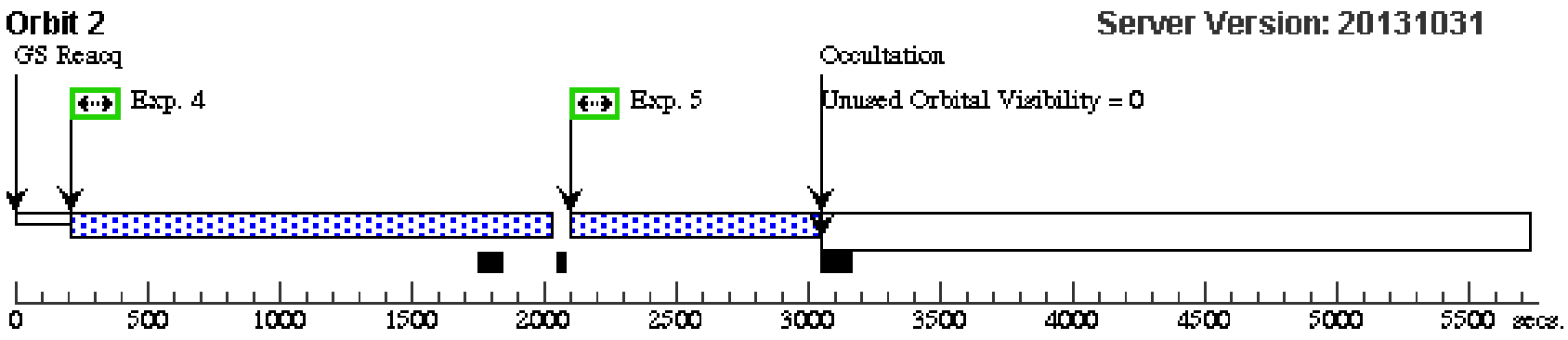
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(24)	LN-UMA	RA: 10 04 34.7500 (151.1447917d) Dec: +66 29 15.00 (66.48750d) Equinox: J2000	Proper Motion RA: -0.9 mas/yr Proper Motion Dec: -0.3 mas/yr Epoch of Position: 2000.0	V=18.5+/-0.3 GALEX FUV=650microJy GALEX NUV=1050microJy	Reference Frame: ICRS

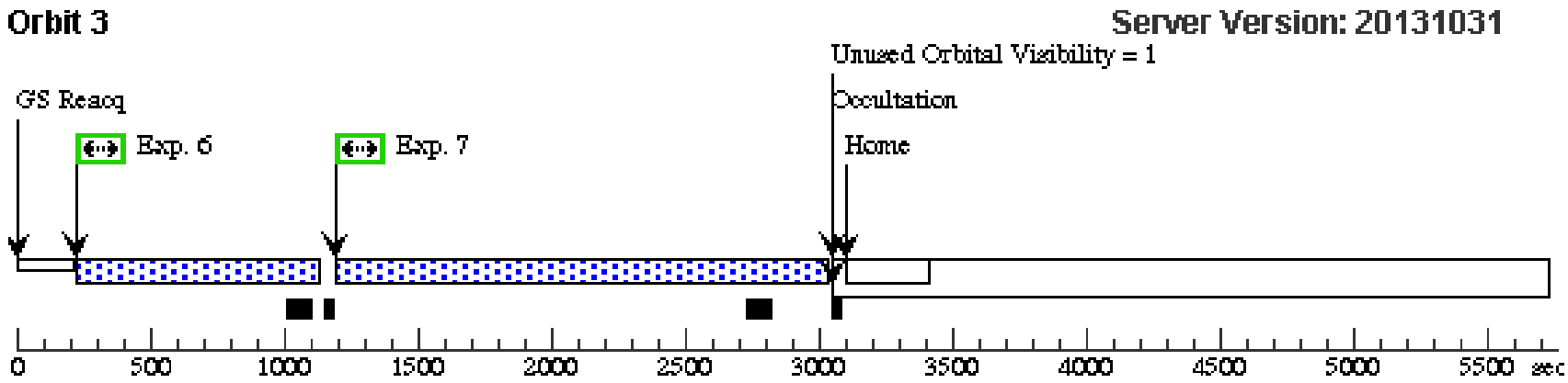
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	LN-UMa ACQ/PEAKXD (COS.sa.436981)	(24) LN-UMA	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				45 Secs (45 Secs) *[==>]*	*[1]*
2	LN-UMa ACQ/PEAKD (COS.sa.436981)	(24) LN-UMA	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			45 Secs (45 Secs) *[==>]*	*[1]*
3	LN-UMa FP-1 (COS.sp.415616)	(24) LN-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=1; FLASH=YES			2076 Secs (2076 Secs) *[==>]*	*[1]*
4	LN-UMa FP-2 (COS.sp.415616)	(24) LN-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=2; FLASH=YES			1767 Secs (1767 Secs) *[==>]*	*[2]*
5	LN-UMa FP-3 (COS.sp.415616)	(24) LN-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=850; FP-POS=3; FLASH=YES			889 Secs (889 Secs) *[==>]*	*[2]*
6	LN-UMa FP-3 (COS.sp.415616)	(24) LN-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	LN-UMa FP-4 (COS.sp.415616)	(24) LN-UMA	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=4; FLASH=YES			1791 Secs (1791 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, BB-Dor (VD), completed Tue Mar 11 01:28:52 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Fixed Targets

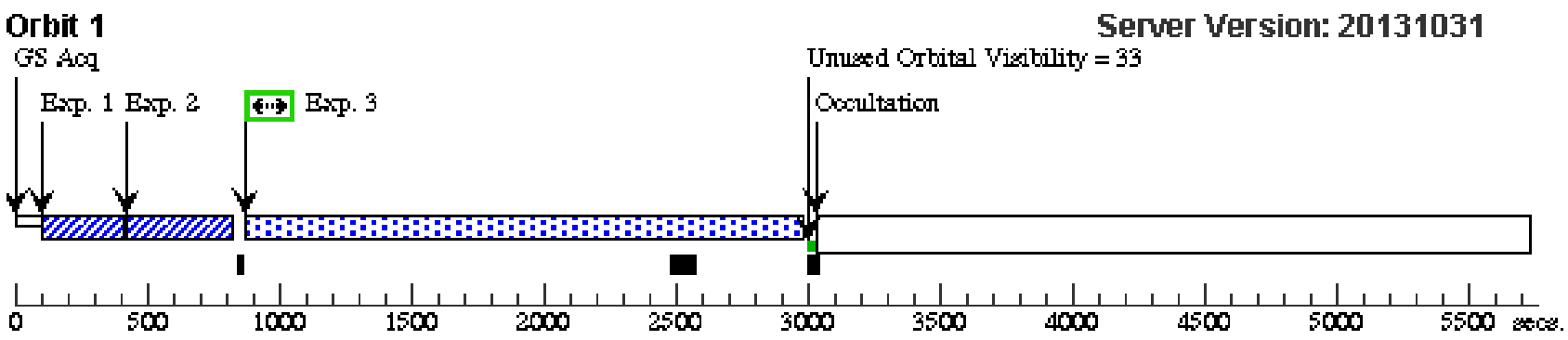
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	BB-DOR	RA: 05 29 28.5900 (82.3691250d) Dec: -58 54 46.30 (-58.91286d) Equinox: J2000	Proper Motion RA: -3.1 mas/yr Proper Motion Dec: 5.6 mas/yr Epoch of Position: 2000.0	V=18.0+/-0.3 GALEX FUV=10770microJy G ALEX NUV=11400KmicroJy	Reference Frame: ICRS

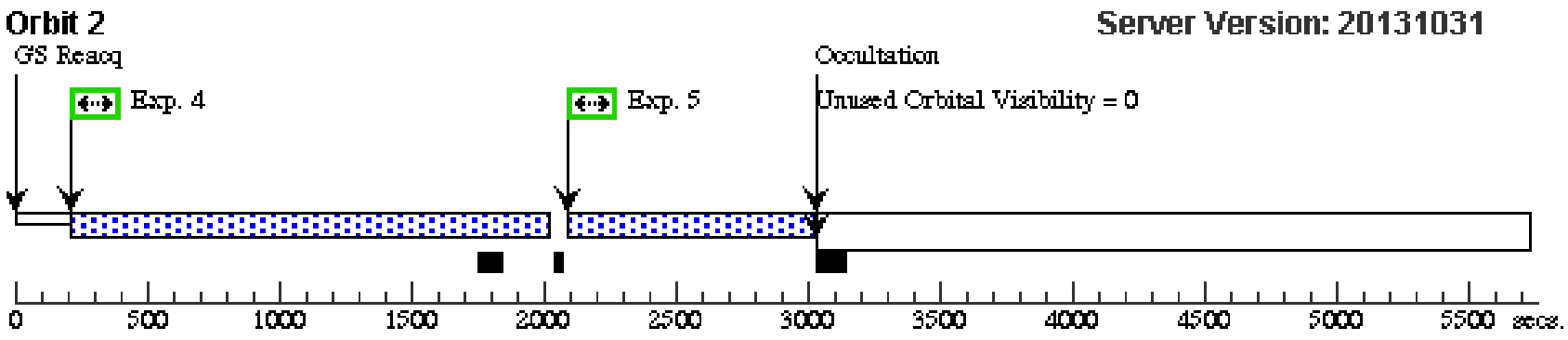
Comments: SWIFT observed BB Dor on Jan 23, 2013, in the UVW1 filter for 15ggs, and we measure get a flux of 7.11 +/- 0.02 10^-16 erg/s/cm^2/A for an effective wavelength of 2634A.

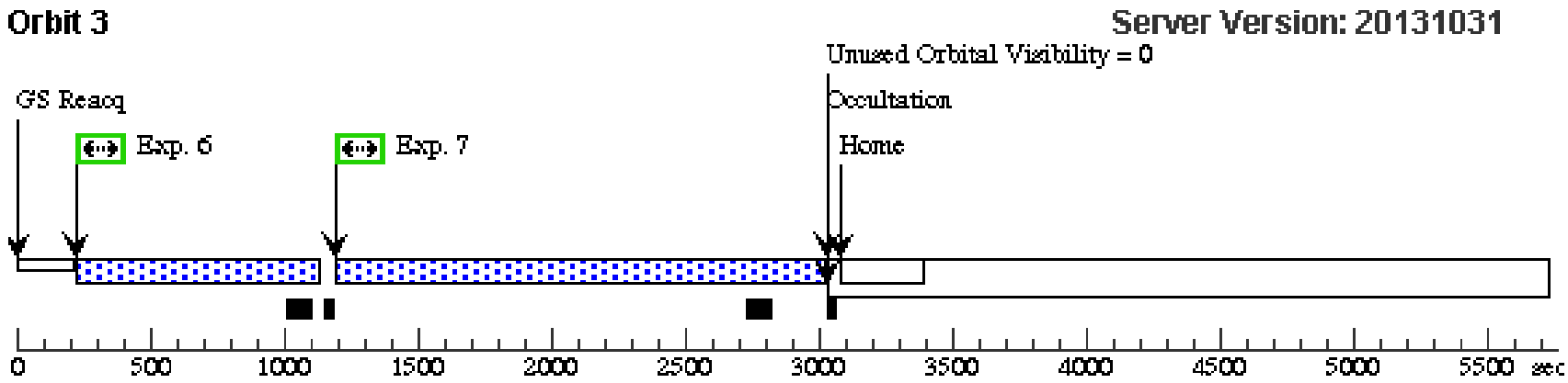
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	BB-Dor ACQ/PEAKXD (COS.sa.454849)	(13) BB-DOR	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				50 Secs (50 Secs) *[==>]*	*[1]*
2	BB-Dor ACQ/PEAKD (COS.sa.454849)	(13) BB-DOR	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			50 Secs (50 Secs) *[==>]*	*[1]*
3	BB-Dor FP-1 (COS.sp.415616)	(13) BB-DOR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=1; FLASH=YES			1995 Secs (1995 Secs) *[==>]*	*[1]*
4	BB-Dor FP-2 (COS.sp.415616)	(13) BB-DOR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=2; FLASH=YES			1758 Secs (1758 Secs) *[==>]*	*[2]*
5	BB-Dor FP-3 (COS.sp.415616)	(13) BB-DOR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=850; FP-POS=3; FLASH=YES			880 Secs (880 Secs) *[==>]*	*[2]*
6	BB-Dor FP-3 (COS.sp.415616)	(13) BB-DOR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	BB-Dor FP-4 (COS.sp.415616)	(13) BB-DOR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=4; FLASH=YES			1774 Secs (1774 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, HS0357+0614 (VE), withdrawn Tue Mar 11 01:28:53 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%; ON HOLD

On Hold Comments: This is one of the VY Scl type targets, where the white dwarf is visible onyl during a low state - we need to wait for a low state to happen (only two out of the seven VY Scl targets will be activated).

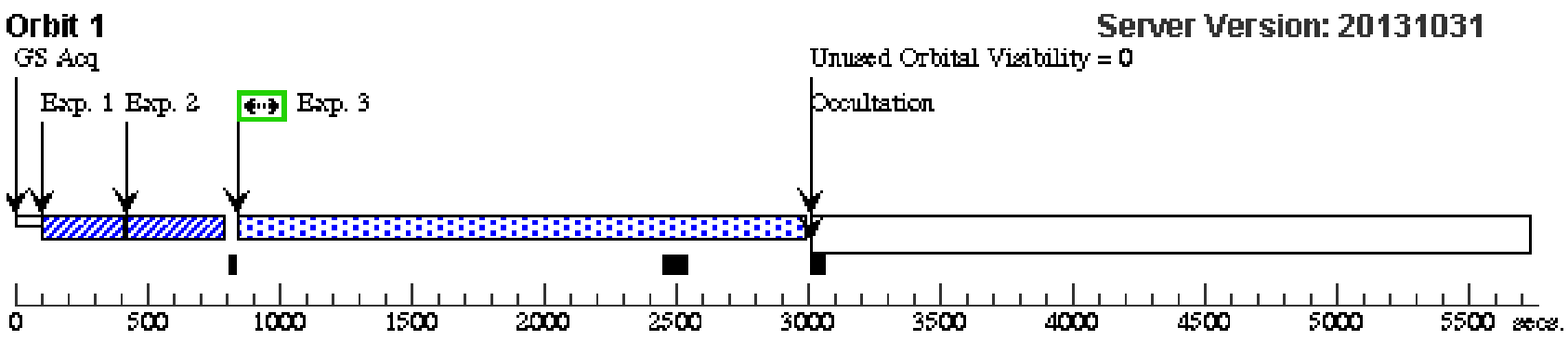
Fixed Targets

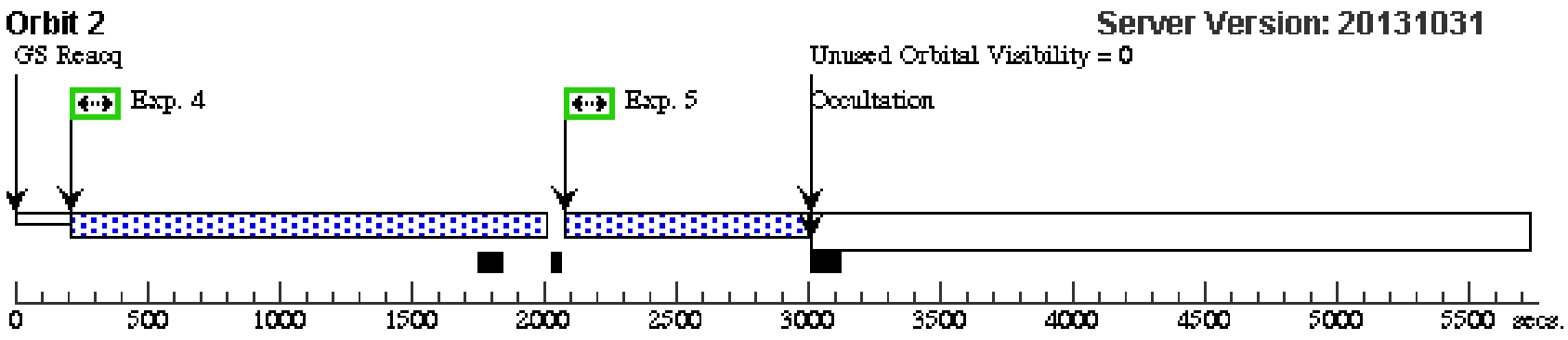
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	HS0357+0614	RA: 04 00 37.2500 (60.1552083d) Dec: +06 22 45.80 (6.37939d) Equinox: J2000	Proper Motion RA: 2.9 mas/yr Proper Motion Dec: -8.8 mas/yr Epoch of Position: 2000.0	V=19.0+/-0.3 GALEX FUV= GALEX NUV=	Reference Frame: ICRS

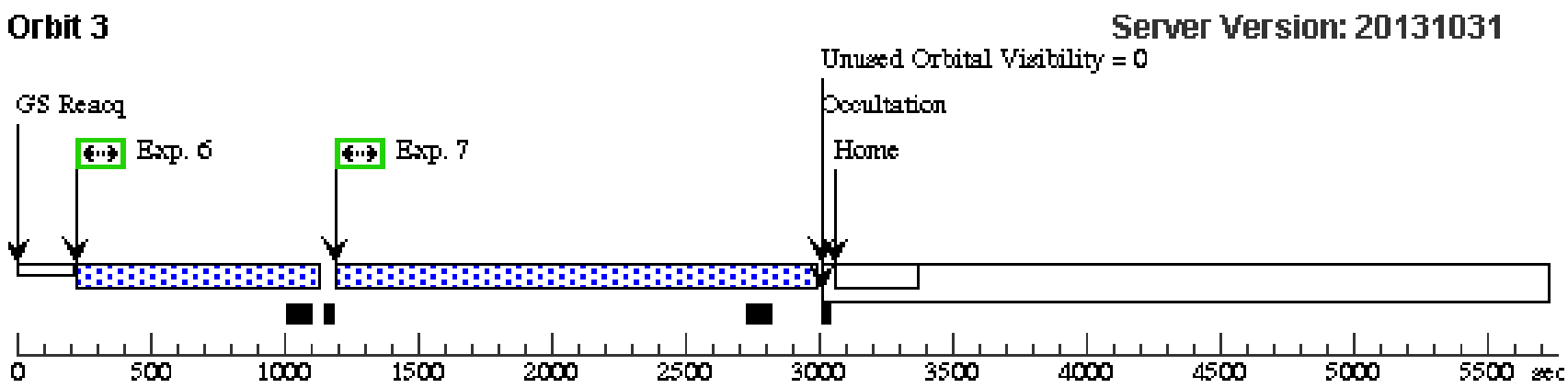
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	HS0357+0614 ACQ/PEAKXD (COS.sa.436981)	(10) HS0357+0614	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				45 Secs (45 Secs) *[==>]*	*[1]*
2	HS0357+0614 ACQ/PEAKD (COS.sa.436981)	(10) HS0357+0614	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			45 Secs (45 Secs) *[==>]*	*[1]*
3	HS0357+0614 FP-1 (COS.sp.415616)	(10) HS0357+0614	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=1; FLASH=YES			2034 Secs (2034 Secs) *[==>]*	*[1]*
4	HS0357+0614 FP-2 (COS.sp.415616)	(10) HS0357+0614	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=2; FLASH=YES			1746 Secs (1746 Secs) *[==>]*	*[2]*
5	HS0357+0614 FP-3 (COS.sp.415616)	(10) HS0357+0614	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=850; FP-POS=3; FLASH=YES			868 Secs (868 Secs) *[==>]*	*[2]*
6	HS0357+0614 FP-3 (COS.sp.415616)	(10) HS0357+0614	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
7	HS0357+0614 FP-4 (COS.sp.415616)	(10) HS0357+0614	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=1500; FP-POS=4; FLASH=YES			1750 Secs (1750 Secs) *[==>]*	*[3]*

Orbit Structure







Visit

Proposal 12870, 1RXS-J023238.8-371812-SAFE-VISIT (66), completed Tue Mar 11 01:28:54 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 275D TO 170 D

Comments: This visit allocates and sets up the safe position offset slot for visit 24 which will use that slot.

This visit should go earlier in the week while visit 24 will be at least 3 days later.

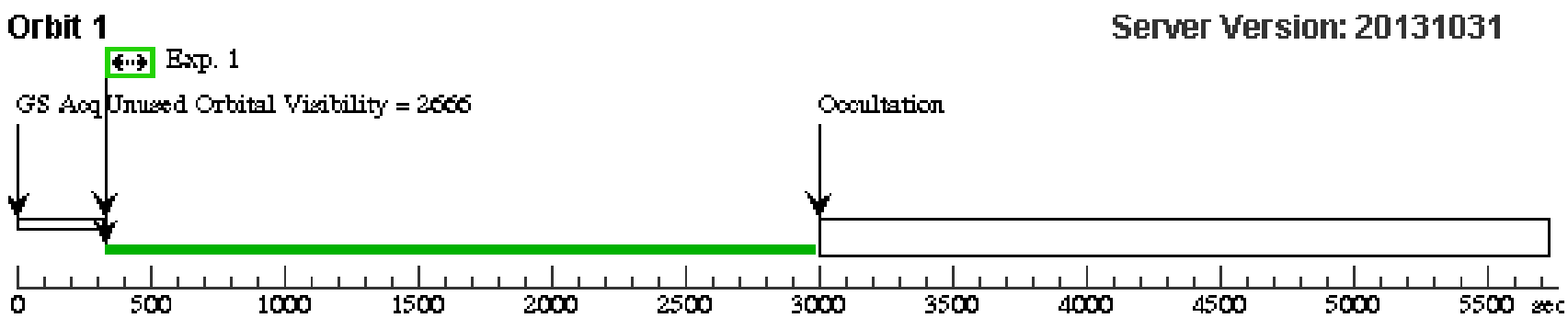
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	1RXS-J023238.8-371812	RA: 02 32 37.9600 (38.1581667d) Dec: -37 17 54.90 (-37.29858d) Equinox: J2000	Proper Motion RA: 58.3 mas/yr Proper Motion Dec: 10.2 mas/yr Epoch of Position: 2000.0	V=18.8+/-0.3 GALEX FUV=50microJy GALEX NUV=90microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(8) 1RXS-J023238.8-371812	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V24 SAF; SPEC COM INSTR ECSLOTSET; GS ACQ SCENARIO BASE1B3; QESIPARM ANGLE 90.7; QESIPARM DIST 9.001		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS0011-0647-SAFE-VISIT (68), completed Tue Mar 11 01:28:54 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 60D TO 290 D

Comments: This visit allocates and sets up the safe position offset slot for visit 25 which will use that slot.

This visit should go earlier in the week while visit 25 will be at least 3 days later.

Fixed Targets

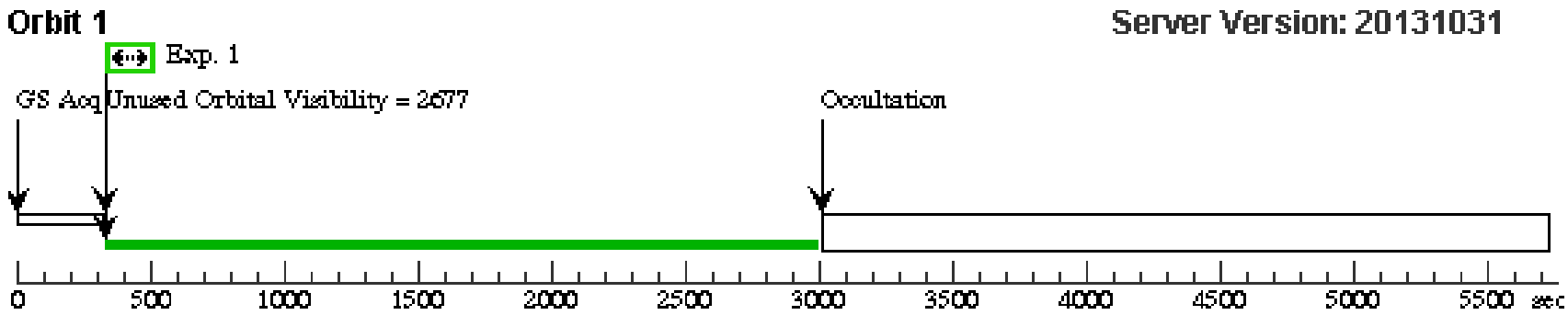
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	SDSS0011-0647	RA: 00 11 53.0800 (2.9711667d) Dec: -06 47 39.20 (-6.79422d) Equinox: J2000	Proper Motion RA: 15.8 mas/yr Proper Motion Dec: -6.1 mas/yr Epoch of Position: 2000.0	V=17.8+/-0.3 GALEX FUV=36microJy GALEX NUV=60microJy	Reference Frame: ICRS
(61)	TARGET01-SAFE-TARGET	Offset from SDSS0011-0647 RA Offset: -0.5 Secs Dec Offset: -4.95 Arcsec		V=17.8+/-0.3	Offset Position (TARGET01-SAFE-TARGET)

Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.018 arcseconds away at a PA 236.7 degrees from SDSS0011-0647.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(61) TARGET01-SAFE-TARGET	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V25 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 236.7; QESIPARM DIST 9.018		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, ASAS0025+12-SAFE-VISIT (70), completed Tue Mar 11 01:28:54 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%

Comments: This visit allocates and sets up the safe position offset slot for visit 01 which will use that slot.

This visit should go earlier in the week while visit 01 will be at least 3 days later.

Fixed Targets

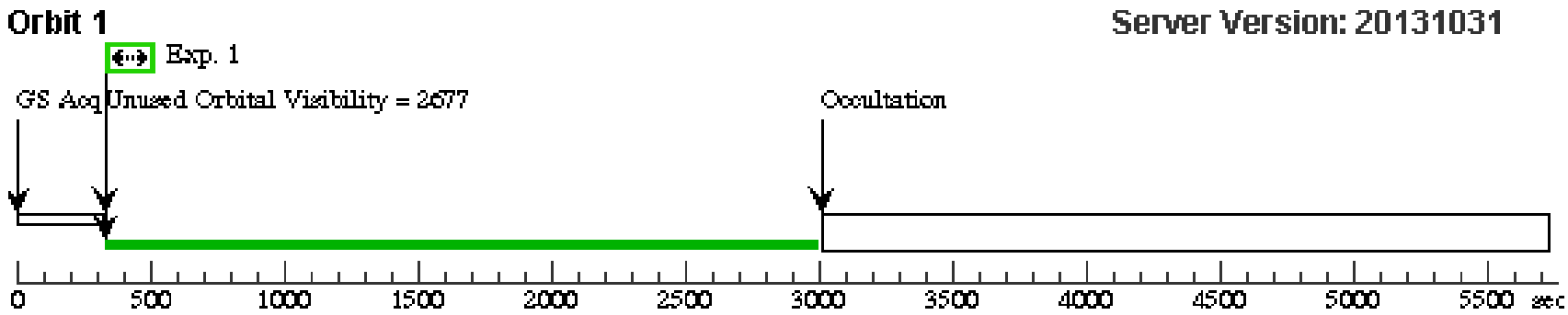
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	ASAS0025+12	RA: 00 25 11.1400 (6.2964167d) Dec: +12 17 12.10 (12.28669d) Equinox: J2000	Proper Motion RA: -5.3 mas/yr Proper Motion Dec: -76.1 mas/yr Epoch of Position: 2000.0	V=17.5+/-0.3 GALEX FUV=160microJy GALEX NUV=260microJy	Reference Frame: ICRS
(62)	TARGET02-SAFE-TARGET	Offset from ASAS0025+12 RA Offset: 0.51 Secs Dec Offset: 5.042 Arcsec		V=17.5+/-0.3	Offset Position (TARGET02-SAFE-TARGET)

Comments: This target is a blank piece of sky which is the bright object safe pointing and is 9.048 arcseconds away at a PA 123.9 degrees from ASAS0025+12.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(62) TARGET02-SAFE-TARGET	S/C, POINTING, V1			POS TARG 235.081, -234.940; SAVE OFFSET V01 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 123.9; QESIPARM DIST 9.048		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, CW-MON-SAFE-VISIT (72), completed Tue Mar 11 01:28:54 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 306D TO 165 D

Comments: This visit allocates and sets up the safe position offset slot for visit 34 which will use that slot.

This visit should go earlier in the week while visit 34 will be at least 3 days later.

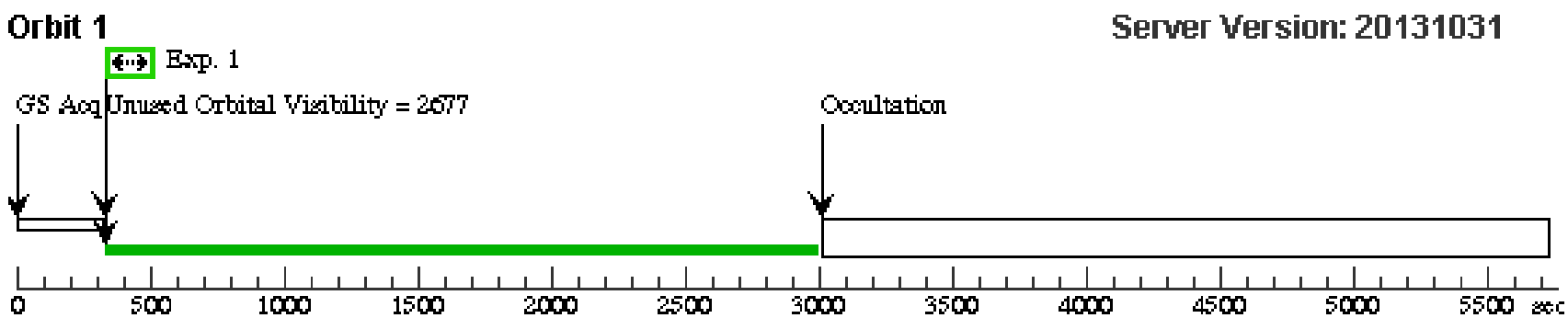
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	CW-MON	RA: 06 36 54.5800 (99.2274167d) Dec: +00 02 17.30 (.03814d) Equinox: J2000	Proper Motion RA: 18.2 mas/yr Proper Motion Dec: -4.7 mas/yr Epoch of Position: 2000.0	V=16.8+/-0.3 F(1400A)=5e-15erg/cm2/s/AA (IUE SWP32793), F(2400A)=2e-15erg/cm2/s/AA (IUE LWP07100)	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(14) CW-MON	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V34 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGL E 90.4; QESIPARM DIST 9. 017		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, V405-PEG-SAFE-VISIT (74), completed Tue Mar 11 01:28:54 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 335D TO 190 D

Comments: This visit allocates and sets up the safe position offset slot for visit 03 which will use that slot.

This visit should go earlier in the week while visit 03 will be at least 3 days later.

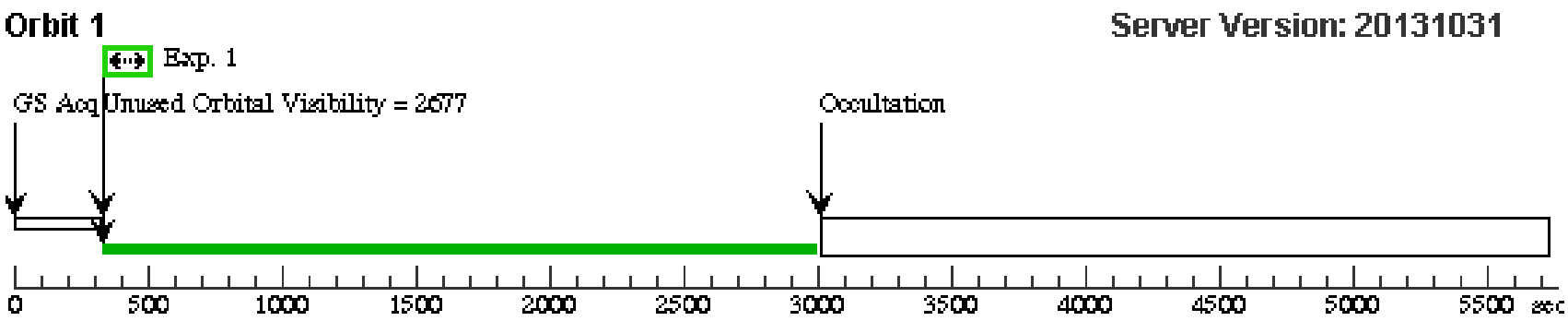
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(54)	V405-PEG	RA: 23 09 49.1762 (347.4549008d) Dec: +21 35 17.45 (21.58818d) Equinox: J2000	Proper Motion RA: -12.8 mas/yr Proper Motion Dec: -67.7 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(54) V405-PEG	S/C, DATA, V1			POS TARG 235.08,-234.94; SAVE OFFSET V03 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGL E 126.4; QESIPARM DIST 9. 09		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS0755+1435-SAFE-VISIT (76), completed Tue Mar 11 01:28:55 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 260D TO 115 D

Comments: This visit allocates and sets up the safe position offset slot for visit 12 which will use that slot.

This visit should go earlier in the week while visit 12 will be at least 3 days later.

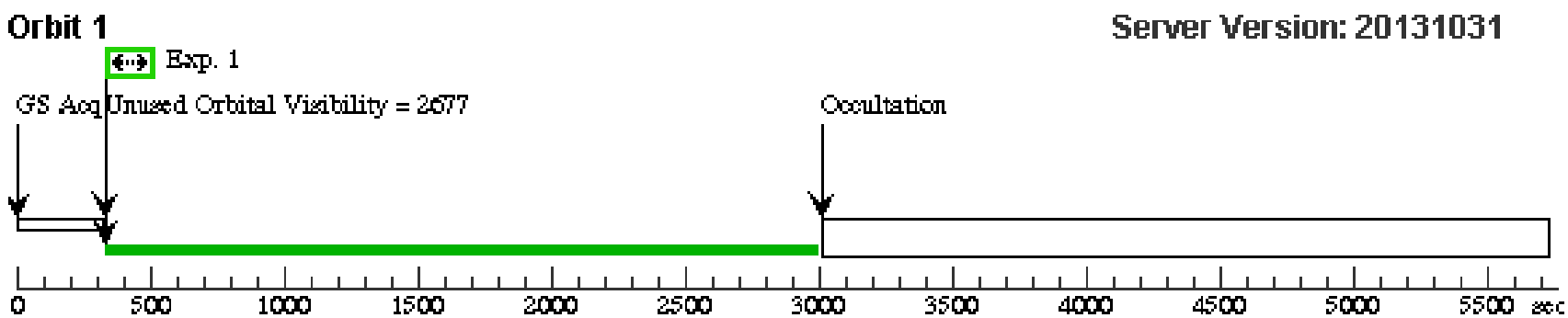
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	SDSS0755+1435	RA: 07 55 7.7200 (118.7821667d) Dec: +14 35 47.60 (14.59656d) Equinox: J2000	Proper Motion RA: -18.1 mas/yr Proper Motion Dec: -42.5 mas/yr Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=200microJy GALEX NUV=180microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(18) SDSS0755+1435	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V12 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 42.9; QESIPARM DIST 9.002		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, HS0218+3229-SAFE-VISIT (78), withdrawn Tue Mar 11 01:28:55 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 300D TO 160 D

Comments: This visit allocates and sets up the safe position offset slot for visit 19 which will use that slot.

This visit should go earlier in the week while visit 19 will be at least 3 days later.

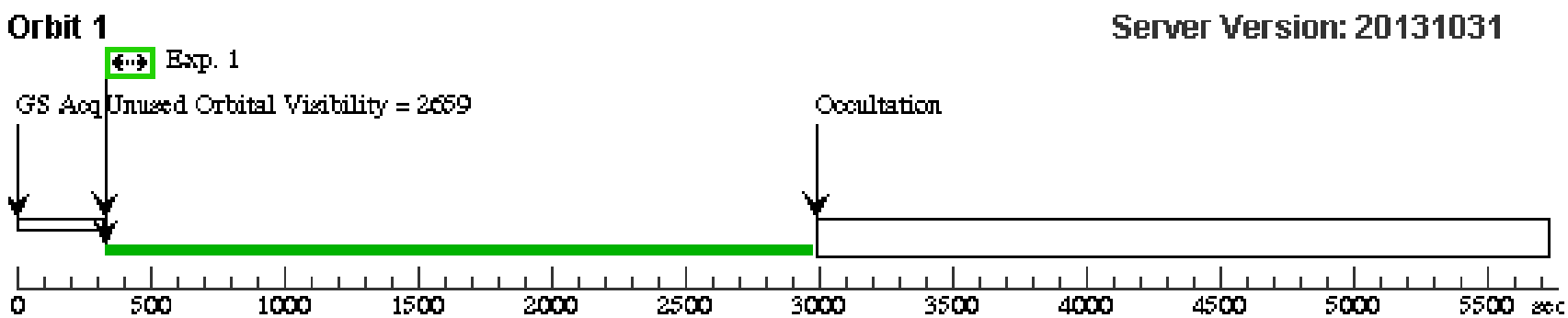
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	HS0218+3229	RA: 02 21 33.4800 (35.3895000d) Dec: +32 43 23.90 (32.72331d) Equinox: J2000	Proper Motion RA: -11.0 mas/yr Proper Motion Dec: -2.9 mas/yr Epoch of Position: 2000.0	V=15.5+/-0.3 GALEX FUV=150microJy GALEX NUV=220microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) HS0218+3229	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V19 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 75.6; QESIPARM DIST 9.059		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS0932_4725-SAFE-VISIT (42), completed Tue Mar 11 01:28:55 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 95D TO 335 D

Comments: This visit allocates and sets up the safe position offset slot for visit 31 which will use that slot.

This visit should go earlier in the week while visit 31 will be at least 3 days later.

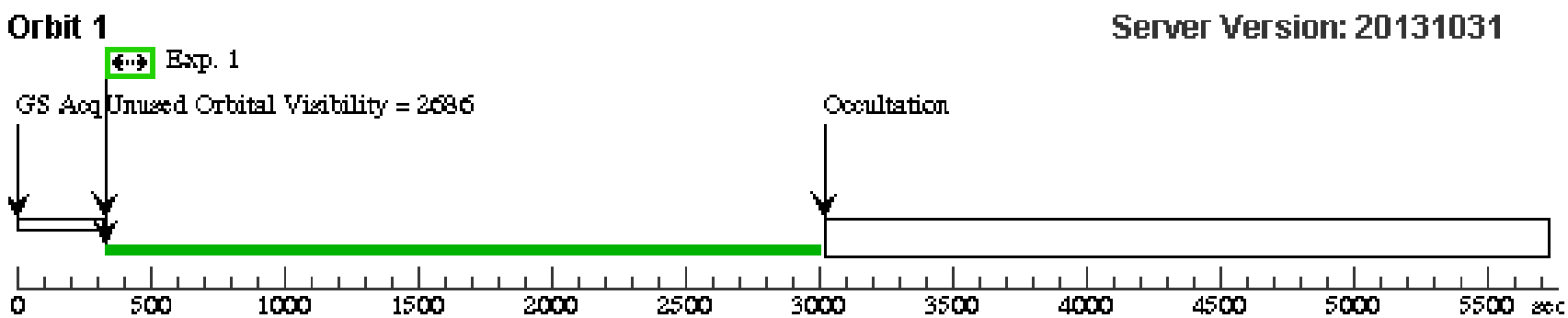
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	SDSS0932+4725	RA: 09 32 49.5800 (143.2065833d) Dec: +47 25 23.20 (47.42311d) Equinox: J2000	Proper Motion RA: 8.4 mas/yr Proper Motion Dec: 4.4 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3 GALEX FUV=11microJy GALEX NUV=38microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(23) SDSS0932+4725	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V31 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.021; QESIPARM ANGLE 254.4		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, CU-VEL-SAFE-VISIT (44), completed Tue Mar 11 01:28:55 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 220D TO 110 D

Comments: This visit allocates and sets up the safe position offset slot for visit 32 which will use that slot.

This visit should go earlier in the week while visit 32 will be at least 3 days later.

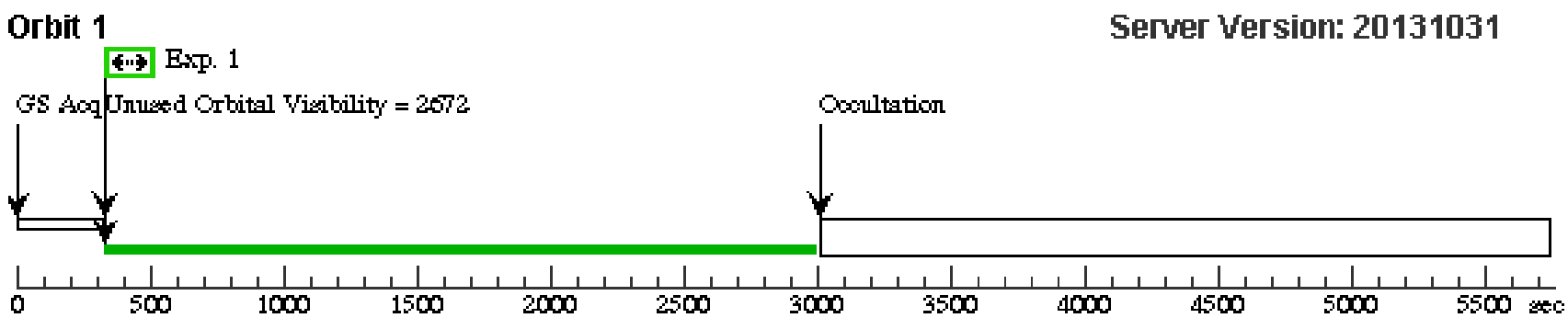
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	CU-VEL	RA: 08 58 33.0300 (134.6376250d) Dec: -41 47 51.70 (-41.79769d) Equinox: J2000	Proper Motion RA: 27.7 mas/yr Proper Motion Dec: -49.3 mas/yr Epoch of Position: 2000.0	V=17.0+/-0.3 F(1400A)=1.5e-14erg/cm/s/AA (IUE SWP54235)	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(20) CU-VEL	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V32 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.015; QESIPARM ANGL E 25.4		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS0407-0644-SAFE-VISIT (46), completed Tue Mar 11 01:28:56 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 30D TO 260 D

Comments: This visit allocates and sets up the safe position offset slot for visit 33 which will use that slot.

This visit should go earlier in the week while visit 33 will be at least 3 days later.

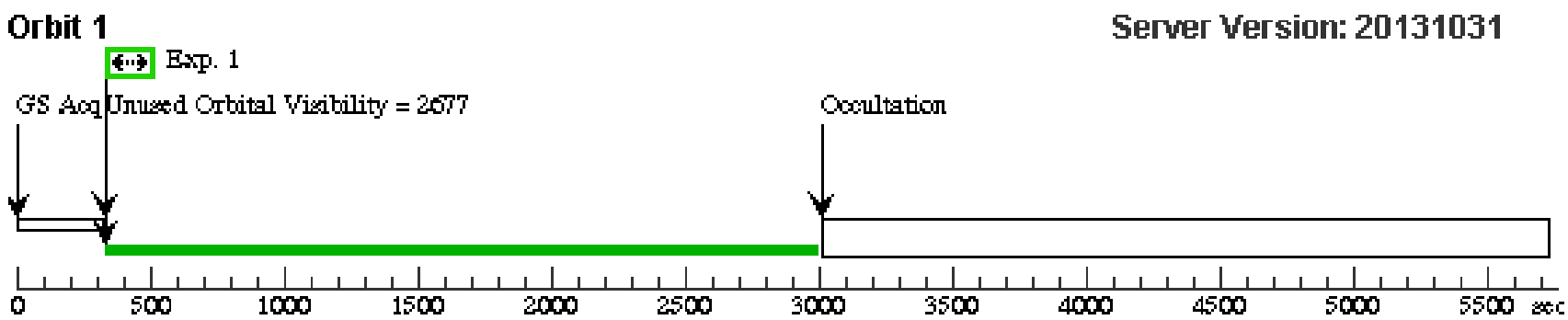
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	SDSS0407-0644	RA: 04 07 14.7800 (61.8115833d) Dec: -06 44 25.00 (-6.74028d) Equinox: J2000	Proper Motion RA: 8.3 mas/yr Proper Motion Dec: -2.5 mas/yr Epoch of Position: 2000.0	V=17.8+/-0.3 GALEX FUV=730 GALEX NU V=510	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(11) SDSS0407-0644	S/C, DATA, V1			POS TARG 235.081, -234.9400; SAVE OFFSET V33 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 195.2; QESIPARM DIST 9.012		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS1005+1911-SAFE-VISIT (48), completed Tue Mar 11 01:28:56 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 150D TO 0 D

Comments: This visit allocates and sets up the safe position offset slot for visit 14 which will use that slot.

This visit should go earlier in the week while visit 14 will be at least 3 days later.

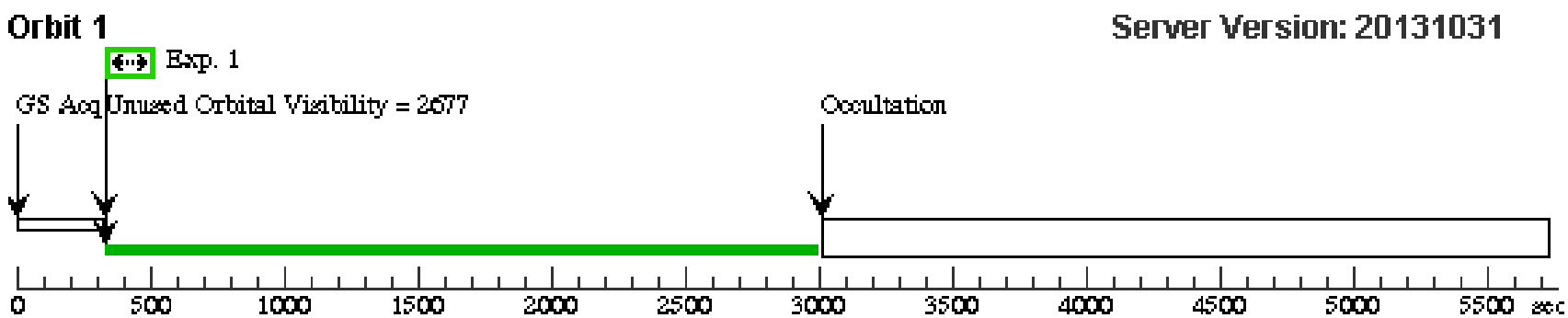
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(25)	SDSS1005+1911	RA: 10 05 15.4100 (151.3142083d) Dec: +19 11 7.50 (19.18542d) Equinox: J2000	Proper Motion RA: -4.1 mas/yr Proper Motion Dec: -10.6 mas/yr Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=130microJy GALEX NUV=145microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(25) SDSS1005+1911	S/C, DATA, V1			POS TARG 235.081, -234.840; SAVE OFFSET V14 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 300.3; QESIPARM DIST 9.011		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, IR-COM-SAFE-VISIT (50), completed Tue Mar 11 01:28:56 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 135D TO 15 D

Comments: This visit allocates and sets up the safe position offset slot for visit 16 which will use that slot.

This visit should go earlier in the week while visit 16 will be at least 3 days later.

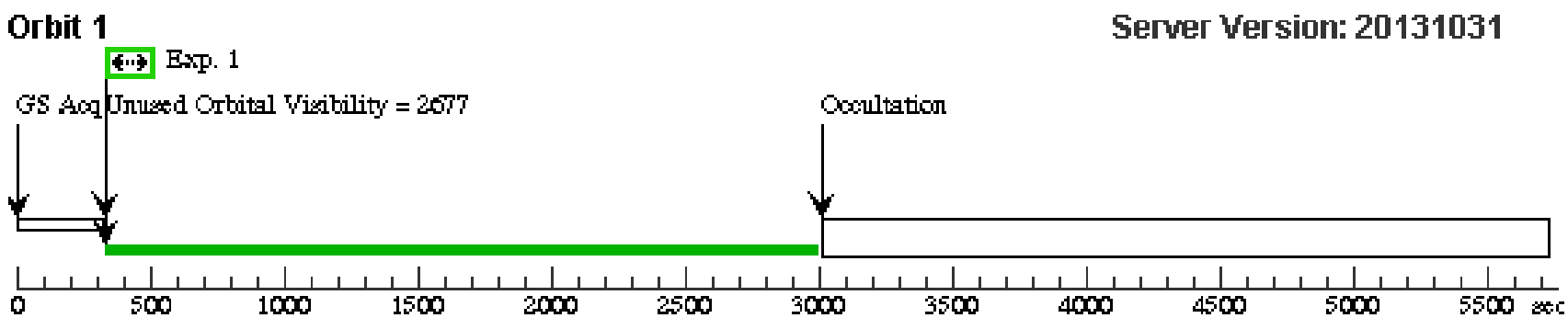
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(32)	IR-COM	RA: 12 39 32.0200 (189.8834167d) Dec: +21 08 6.40 (21.13511d) Equinox: J2000	Proper Motion RA: -34.5 mas/yr Proper Motion Dec: -0.7 mas/yr Epoch of Position: 2000.0	V=18.0+/-0.3 GALEX FUV=220microJy GALEX NUV=200microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(32) IR-COM	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V16 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.025; QESIPARM ANGLE 298.3		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS1435+2336-SAFE-VISIT (52), withdrawn Tue Mar 11 01:28:56 GMT 2014

Diagnostic Status: Error

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 245D TO 125 D

Comments: This visit allocates and sets up the safe position offset slot for visit 02 which will use that slot.

This visit should go earlier in the week while visit 02 will be at least 3 days later.

Diagnostics

(Exposure 1 (SDSS1435+2336-SAFE-VISIT (52)) special requirements) Error (Form): Save Offset Id specified, but no Use Offset specified with this Id.

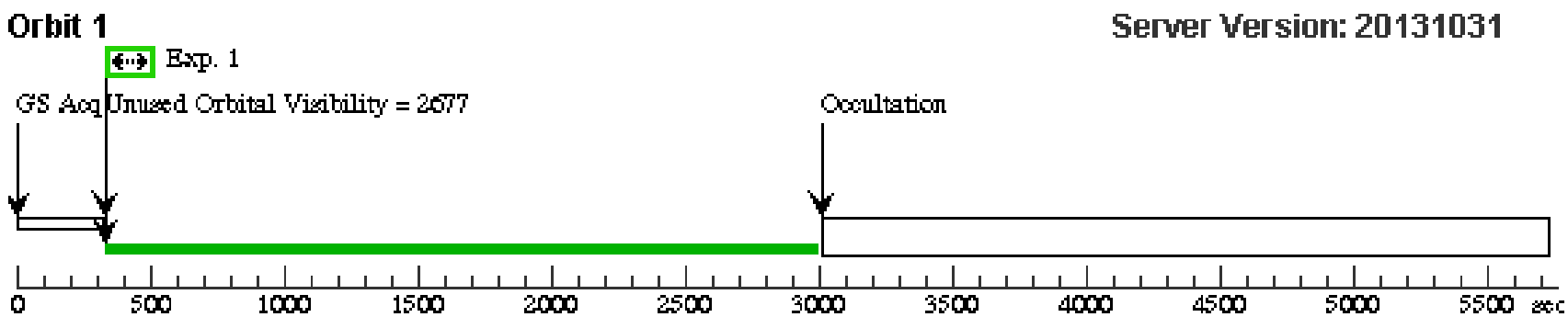
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(34)	SDSS1435+2336	RA: 14 35 44.0200 (218.9334167d) Dec: +23 36 38.70 (23.61075d) Equinox: J2000	Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=130microJy GALEX NUV=160microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(34) SDSS1435+2336	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V02 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.093; QESIPARM ANGLE 46.4		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS1238-0339-SAFE-VISIT (54), completed Tue Mar 11 01:28:56 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 240D TO 130 D

Comments: This visit allocates and sets up the safe position offset slot for visit 10 which will use that slot.

This visit should go earlier in the week while visit 10 will be at least 3 days later.

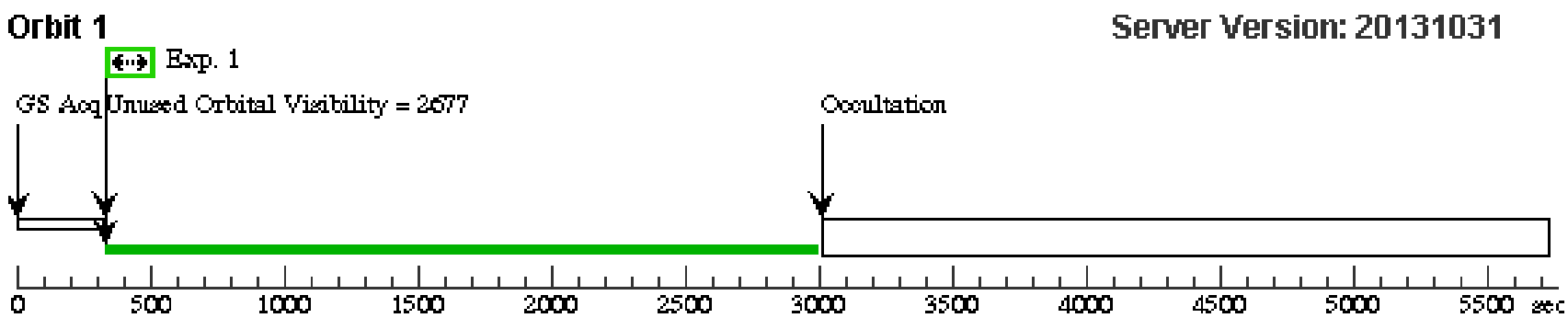
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(31)	SDSS1238-0339	RA: 12 38 13.7300 (189.5572083d) Dec: -03 39 32.80 (-3.65911d) Equinox: J2000	Proper Motion RA: -146.6 mas/yr Proper Motion Dec: -40.4 mas/yr Epoch of Position: 2000.0	V=17.8+/-0.3 GALEX FUV=200microJy GALEX NUV=200microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(31) SDSS1238-0339	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V10 SAF; SPEC COM INSTR ECSLOTSET; GS ACQ SCENARIO BASE1B3; QESIPARM ANGLE 53.1; QESIPARM DIST 9.001		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, HM-LEO-SAFE-VISIT (56), completed Tue Mar 11 01:28:57 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 240D TO 135 D

Comments: This visit allocates and sets up the safe position offset slot for visit 20 which will use that slot.

This visit should go earlier in the week while visit 20 will be at least 3 days later.

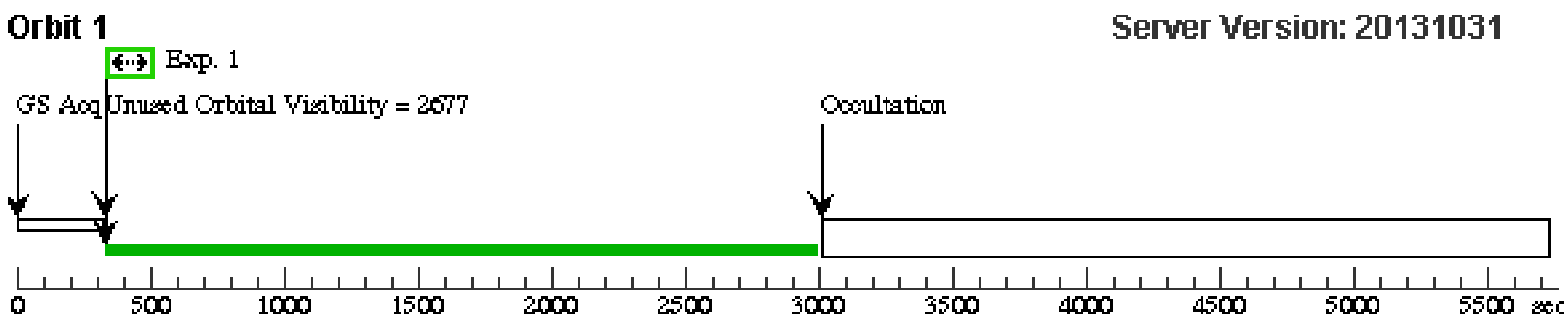
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(56)	HM-LEO	RA: 09 38 36.9900 (144.6541250d) Dec: +07 14 55.00 (7.24861d) Equinox: J2000	Proper Motion RA: 8.8 mas/yr Proper Motion Dec: -26.1 mas/yr Epoch of Position: 2000.0	V=17.5+/-0.3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(56) HM-LEO	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V20 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.026; QESIPARM ANGL E 53.8		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS1035+0551-SAFE-VISIT (58), completed Tue Mar 11 01:28:57 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 190D TO 80 D

Comments: This visit allocates and sets up the safe position offset slot for visit 23 which will use that slot.

This visit should go earlier in the week while visit 23 will be at least 3 days later.

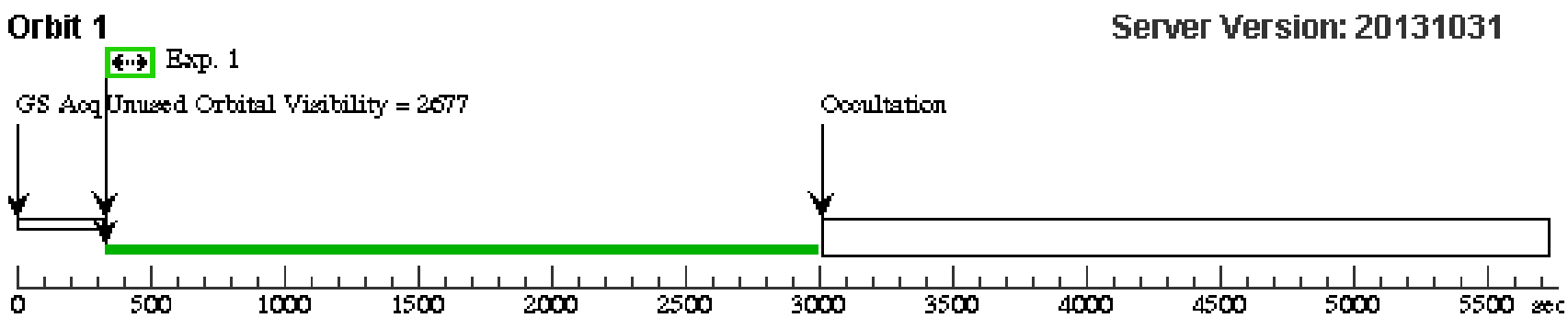
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(27)	SDSS1035+0551	RA: 10 35 33.0300 (158.8876250d) Dec: +05 51 58.60 (5.86628d) Equinox: J2000	Proper Motion RA: -9.4 mas/yr Proper Motion Dec: 46.3 mas/yr Epoch of Position: 2000.0	V=18.8+/-0.3 GALEX FUV=15microJy GALEX NUV=55microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(27) SDSS1035+0551	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V23 SAF; SPEC COM INSTR ECSLOTSET; GS ACQ SCENARIO BASE1B3; QESIPARM DIST 9.000; QESIPARM ANGLE 0.6		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, V485-CEN-SAFE-VISIT (80), completed Tue Mar 11 01:28:57 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 145D TO 40 D

Comments: This visit allocates and sets up the safe position offset slot for visit 05 which will use that slot.

This visit should go earlier in the week while visit 05 will be at least 3 days later.

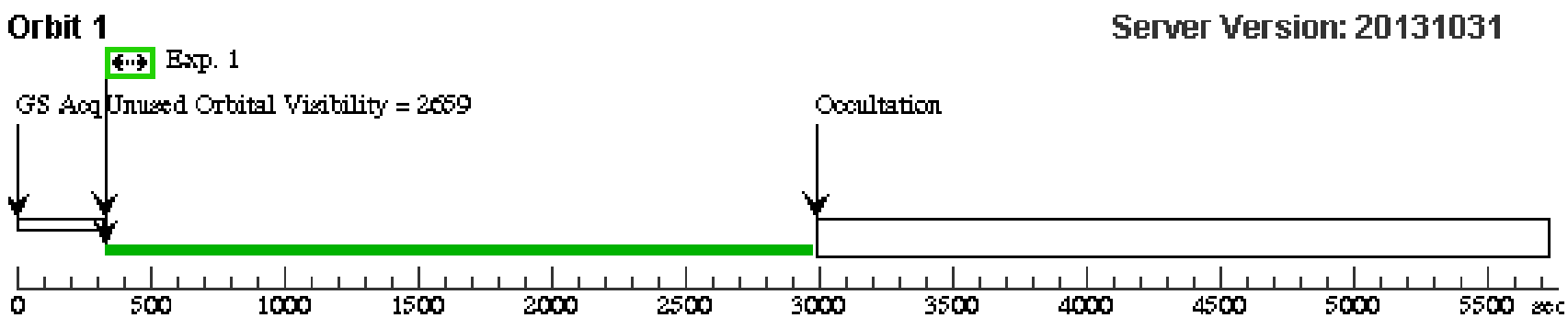
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	V485-CEN	RA: 12 57 23.1800 (194.3465833d) Dec: -33 12 5.70 (-33.20158d) Equinox: J2000	Proper Motion RA: -50.4 mas/yr Proper Motion Dec: 2.5 mas/yr Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=83microJy GALEX NUV=130microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(33) V485-CEN	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V05 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 318.4; QESIPARM DIST 9.084		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, PU-CMA-SAFE-VISIT (82), completed Tue Mar 11 01:28:57 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 245D TO 120 D

Comments: This visit allocates and sets up the safe position offset slot for visit 37 which will use that slot.

This visit should go earlier in the week while visit 37 will be at least 3 days later.

Fixed Targets

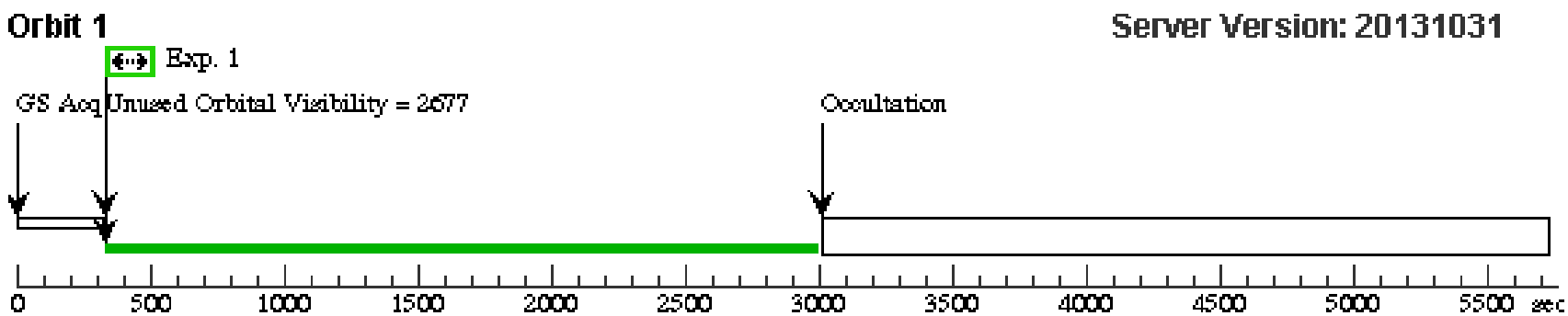
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	PU-CMA	RA: 06 40 47.6900 (100.1987083d) Dec: -24 23 13.90 (-24.38719d) Equinox: J2000	Proper Motion RA: -25.0 mas/yr Proper Motion Dec: 21.3 mas/yr Epoch of Position: 2000.0	V=16.2+/-0.3	Reference Frame: ICRS

Comments: SWIFT observed PU CMa on 2012/12/19 in the UVM2 filter for 1090s, and we measure a flux of 8.94 +/- 0.21 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(15) PU-CMA	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V37 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGL E 44.8; QESIPARM DIST 9. 089		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS1435+2336-SAFE-VISIT (84), completed Tue Mar 11 01:28:57 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 245D TO 135 D

Comments: This visit allocates and sets up the safe position offset slot for visit 02 which will use that slot.

This visit should go earlier in the week while visit 02 will be at least 3 days later.

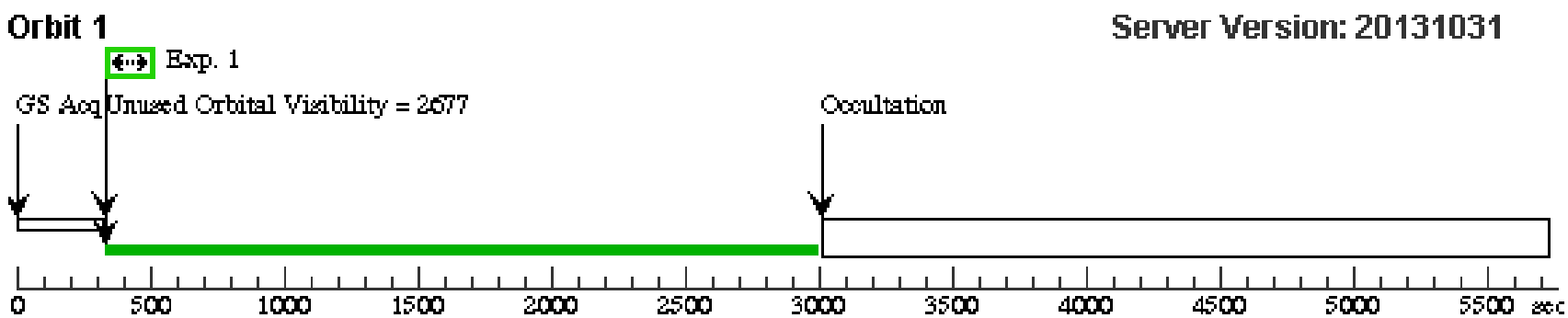
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(78)	SDSS1435+2336-COPY	RA: 14 35 44.0200 (218.9334167d) Dec: +23 36 38.70 (23.61075d) Equinox: J2000	Epoch of Position: 2000.0	V=18.2+/-0.3 GALEX FUV=130microJy GALEX NUV=160microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(78) SDSS1435+2336-COPY	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V02 SAG; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.019; QESIPARM ANGLE 48.1		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, IY-UMA-SAFE-VISIT (86), completed Tue Mar 11 01:28:58 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 340D TO 220 D

Comments: This visit allocates and sets up the safe position offset slot for visit 40 which will use that slot.

This visit should go earlier in the week while visit 40 will be at least 3 days later.

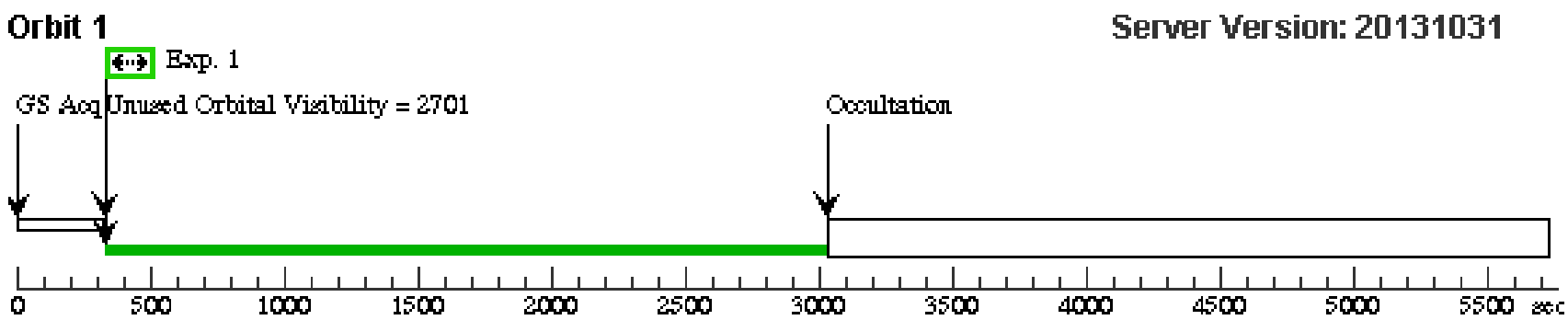
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(28)	IY-UMA	RA: 10 43 56.7400 (160.9864167d) Dec: +58 07 32.10 (58.12558d) Equinox: J2000	Proper Motion RA: -63.7 mas/yr Proper Motion Dec: -25.6 mas/yr Epoch of Position: 2000.0	V=18.4+/-0.3 GALEX FUV=200microJy GALEX NUV=220microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(28) IY-UMA	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V40 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 137.2; QESIPARM DIST 9.028		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, RZ-LEO-SAFE-VISIT (88), completed Tue Mar 11 01:28:58 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 0D TO 250 D

Comments: This visit allocates and sets up the safe position offset slot for visit 21 which will use that slot.

This visit should go earlier in the week while visit 21 will be at least 3 days later.

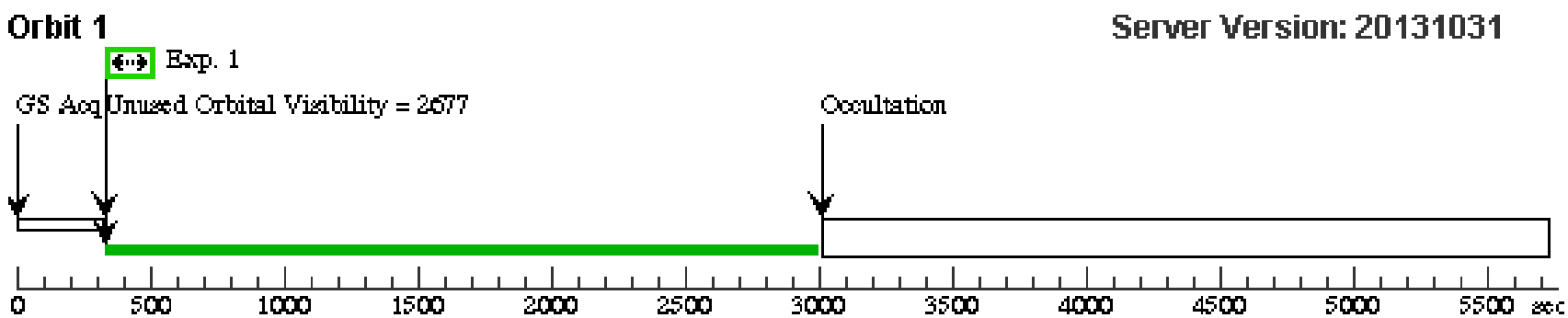
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(30)	RZ-LEO	RA: 11 37 22.2700 (174.3427917d) Dec: +01 48 58.60 (1.81628d) Equinox: J2000	Proper Motion RA: -61.7 mas/yr Proper Motion Dec: 11.4 mas/yr Epoch of Position: 2000.0	V=11.8+/-0.3 GALEX FUV= 90microJy GALEX NUV=100microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(30) RZ-LEO	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V21 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.161; QESIPARM ANGLE 167.3		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, HS1055+0939-SAFE-VISIT (90), completed Tue Mar 11 01:28:58 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 55D TO 275 D

Comments: This visit allocates and sets up the safe position offset slot for visit 36 which will use that slot.

This visit should go earlier in the week while visit 36 will be at least 3 days later.

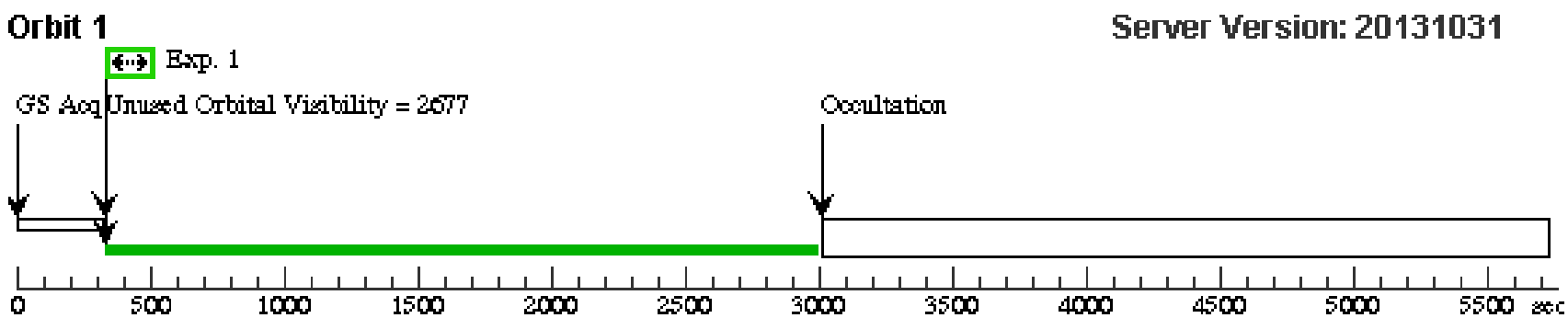
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	HS1055+0939	RA: 10 57 56.2900 (164.4845417d) Dec: +09 23 14.80 (9.38744d) Equinox: J2000	Proper Motion RA: -3.9 mas/yr Proper Motion Dec: 0.5 mas/yr Epoch of Position: 2000.0	V=15.5+/-0.3 GALEX FUV=410mircroJy GALEX NUV=550microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(29) HS1055+0939	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V36 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.069; QESIPARM ANGLE 205.2		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, QZ-LIB-SAFE-VISIT (92), completed Tue Mar 11 01:28:58 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 75D TO 325 D

Comments: This visit allocates and sets up the safe position offset slot for visit 13 which will use that slot.

This visit should go earlier in the week while visit 13 will be at least 3 days later.

Fixed Targets

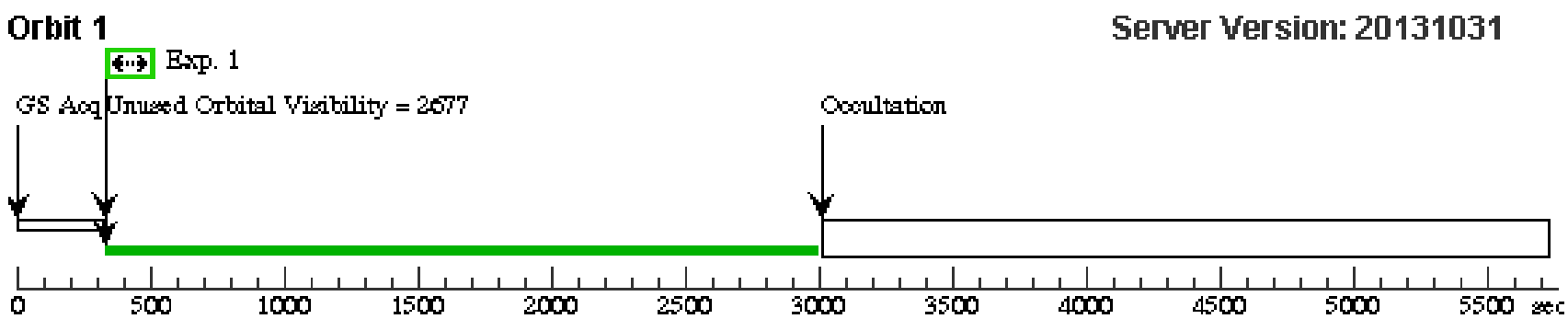
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(50)	QZ-LIB	RA: 15 36 15.9700 (234.0665417d) Dec: -08 39 7.68 (-8.65213d) Equinox: J2000	Proper Motion RA: 45.0 mas/yr Proper Motion Dec: -72.6 mas/yr Epoch of Position: 2000.0	V=17.5+/-0.3	Reference Frame: ICRS

Comments: SWIFT observed QZ Lib Her on 2013/01/01 and 05 in the UVM2 filter for a total of 1105s. We measure a flux of 2.15 +/- 0.3 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A, both Swift visits agree well.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(50) QZ-LIB	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V13 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.042; QESIPARM ANGL E 247.2		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS1544+2553-SAFE-VISIT (94), completed Tue Mar 11 01:28:58 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 65D TO 305 D

Comments: This visit allocates and sets up the safe position offset slot for visit 18 which will use that slot.

This visit should go earlier in the week while visit 18 will be at least 3 days later.

Fixed Targets

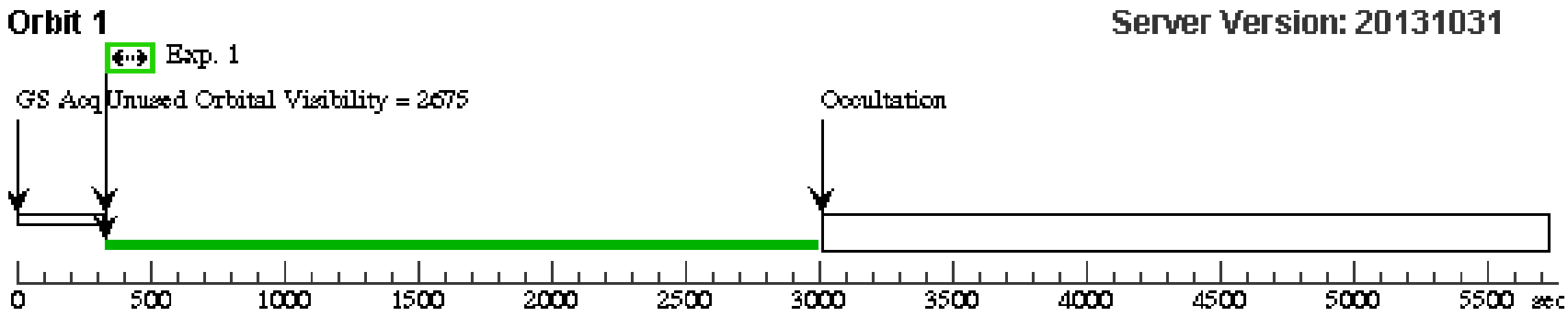
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(37)	SDSS1544+2553	RA: 15 44 53.6000 (236.2233333d) Dec: +25 53 48.90 (25.89692d) Equinox: J2000	Proper Motion RA: 10.5 mas/yr Proper Motion Dec: -7.9 mas/yr Epoch of Position: 2000.0	V=16.9+/-0.3	Reference Frame: ICRS

Comments: SWIFT observed SDSS1544+2553 on 2012/12/19 in the UVM2 filter for a total of 873s. We measure a flux of 3.69 +/- 0.22 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(37) SDSS1544+2553	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V18 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.094; QESIPARM ANGLE 226.7		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, 1RXS-J105010.3-140431-SAFE-VISIT (96), completed Tue Mar 11 01:28:59 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 0D TO 240 D

Comments: This visit allocates and sets up the safe position offset slot for visit 09 which will use that slot.

This visit should go earlier in the week while visit 09 will be at least 3 days later.

Fixed Targets

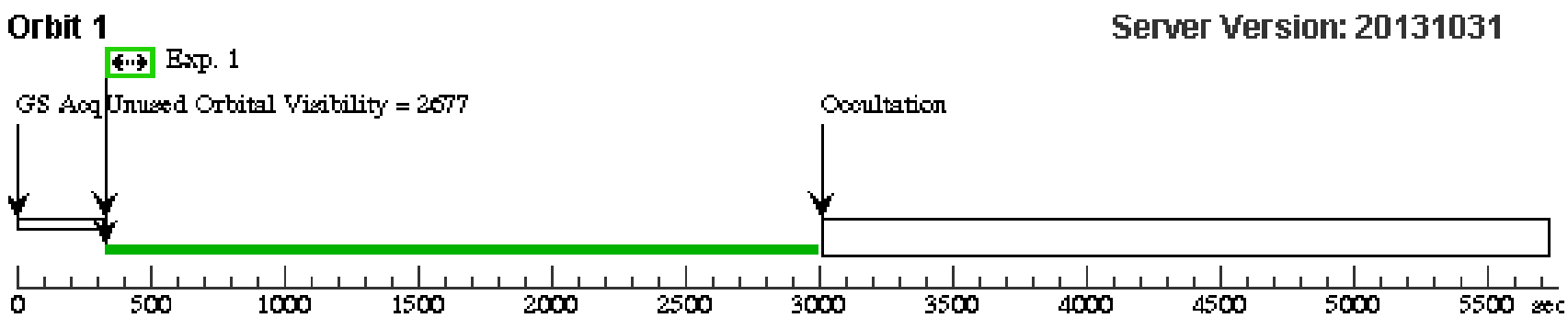
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(48)	1RXS-J105010.3-140431	RA: 10 50 10.8030 (162.5450125d) Dec: -14 04 36.64 (-14.07684d) Equinox: J2000	Proper Motion RA: -192.1 mas/yr Proper Motion Dec: -9.4 mas/yr Epoch of Position: 2000.0	V=17.0+/-0.3	Reference Frame: ICRS

Comments: SWIFT observed 1RXS-J105010.3-140431 on 2012/12/13 in the UVM2 filter for 1224s, and we measure a flux of 1.58 +/- 0.05 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(48) 1RXS-J105010.3-140431	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V09 SAF; SPEC COM INSTR ECSLOTSET; GS ACQ SCENARIO BASE1B3; QESIPARM ANGLE 146.0; QESIPARM DIST 9.819		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS1538+5123-SAFE-VISIT (98), completed Tue Mar 11 01:28:59 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 15D TO 265 D

Comments: This visit allocates and sets up the safe position offset slot for visit 30 which will use that slot.

This visit should go earlier in the week while visit 30 will be at least 3 days later.

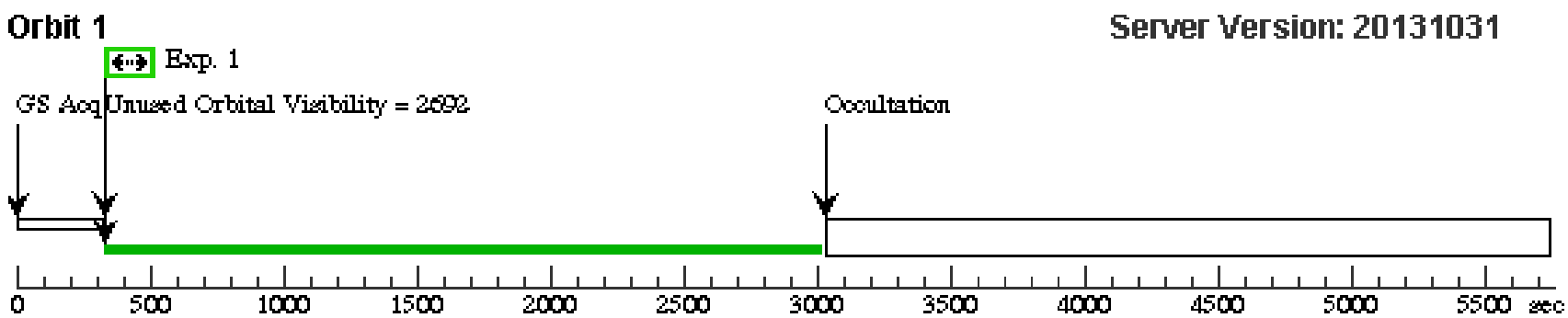
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(53)	SDSSJ1538+5123	RA: 15 38 17.3100 (234.5721250d) Dec: +51 23 38.00 (51.39389d) Equinox: J2000	Proper Motion RA: 4.0 mas/yr Proper Motion Dec: -1.0 mas/yr Epoch of Position: 2000.0	V=18.6+/-0.3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(53) SDSSJ1538+5123	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V30 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.881; QESIPARM ANGLE 181.8		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, DT-OCT-SAFE-VISIT (1A), completed Tue Mar 11 01:28:59 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 205D TO 70 D

Comments: This visit allocates and sets up the safe position offset slot for visit 38 which will use that slot.

This visit should go earlier in the week while visit 38 will be at least 3 days later.

Fixed Targets

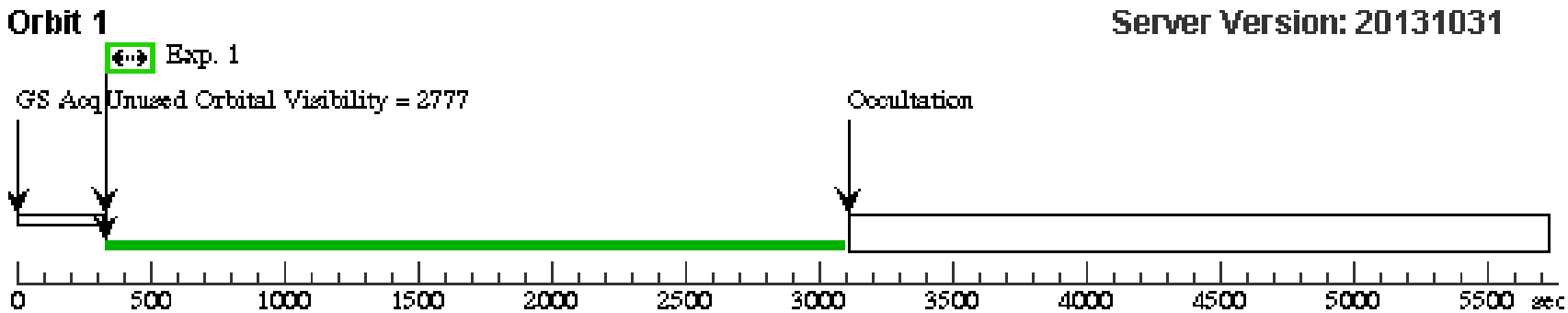
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(42)	DT-OCT	RA: 18 40 52.3100 (280.2179583d) Dec: -83 43 10.00 (-83.71944d) Equinox: J2000	Proper Motion RA: -5.6 mas/yr Proper Motion Dec: -35.9 mas/yr Epoch of Position: 2000.0	V=16.5+/-0.3 F(1180A)=3e-14erg/cm/s/AA (F USE G9251202000)	Reference Frame: ICRS

Comments: SWIFT observed DT Oct on 2012/12/16 and 19, in the UVM2 filter for a total of 1150s. We measure a flux of 2.35 +/- 0.1 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A, both Swift visits agree well.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(42) DT-OCT	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V38 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.843; QESIPARM ANGLE 0.4		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, GW-LIB-SAFE-VISIT (2A), completed Tue Mar 11 01:28:59 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%

Comments: This visit allocates and sets up the safe position offset slot for v07 which will use that slot. This S/C visit should go earlier in the week while v07 will be at least 3 days later.

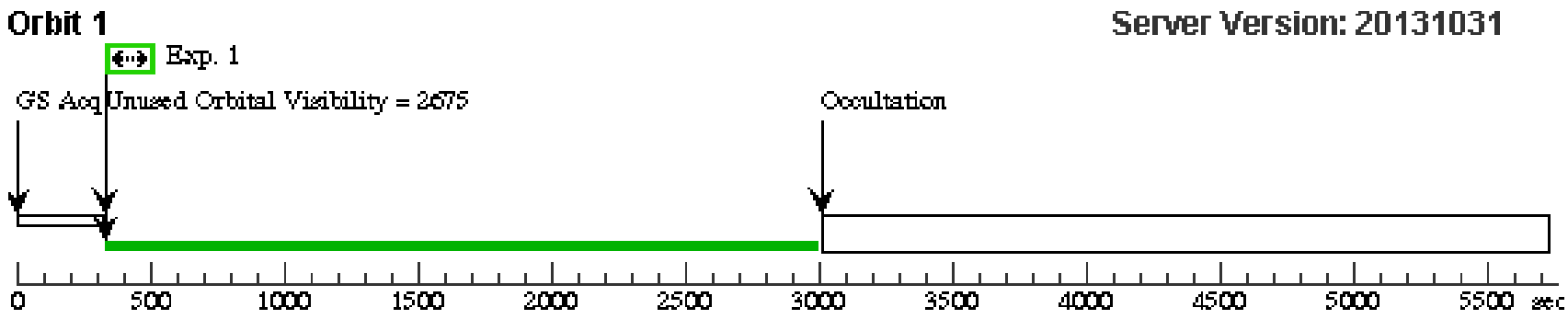
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(47)	GW-LIB	RA: 15 19 55.3400 (229.9805833d) Dec: -25 00 24.58 (-25.00683d) Equinox: J2000	Proper Motion RA: -63.7 mas/yr Proper Motion Dec: 16.5 mas/yr Epoch of Position: 2000.0	V=16.5+/-0.3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(47) GW-LIB	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V07 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGL E 125.2; QESIPARM DIST 9. 81		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, V1108-HER-SAFE-VISIT (3A), completed Tue Mar 11 01:29:00 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%

Comments: This visit allocates and sets up the safe position offset slot for v11 which will use that slot. This S/C visit should go earlier in the week while v11 will be at least 3 days later.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(49)	V1108-HER	RA: 18 39 26.1500 (279.8589583d) Dec: +26 04 10.00 (26.06944d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2013	V=17.7+/-0.3	Reference Frame: ICRS

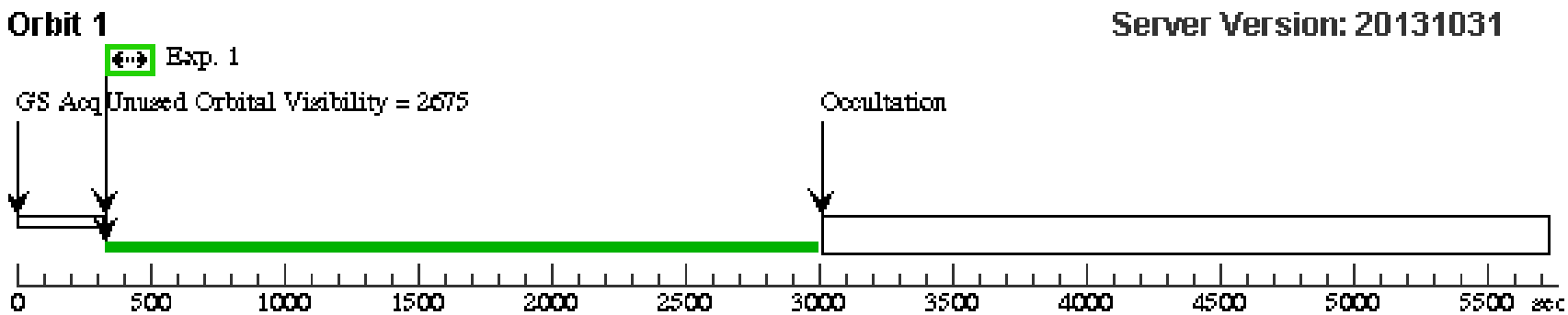
Comments: SWIFT observed V1108 Her on 2012/12/13 in the UVM2 filter for a total of 1019s. We measure a flux of 1.73 +/- 0.05 10^-15 erg/s/cm^2/A for an effective wavelength of 2231A.

UPDATE: we measured the current-epoch coordinates from images obtained with the Liverpool telescope using a u-band filter that elminates the contamination from a nearby red visual companion.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(49) V1108-HER	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V11 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGL E 259; QESIPARM DIST 9. 807		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, BD-PAV-SAFE-VISIT (4A), completed Tue Mar 11 01:29:00 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%

Comments: This visit allocates and sets up the safe position offset slot for v17 which will use that slot. This S/C visit should go earlier in the week while v17 will be at least 3 days later.

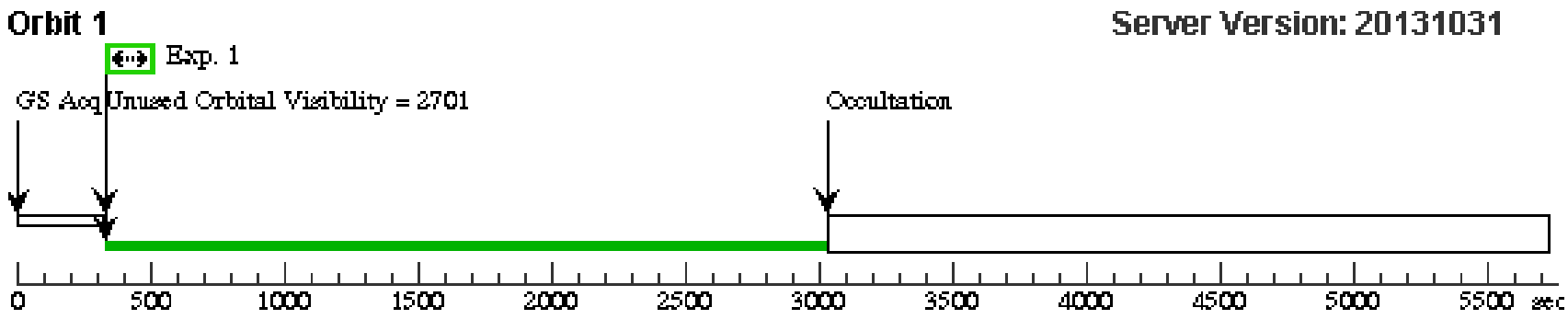
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(55)	BD-PAV	RA: 18 43 11.9190 (280.7996625d) Dec: -57 30 44.85 (-57.51246d) Equinox: J2000	Proper Motion RA: 29.1 mas/yr Proper Motion Dec: -22.0 mas/yr Epoch of Position: 2000.0	V=15.4+/-0.3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(55) BD-PAV	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V17 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGL E 10.8; QESIPARM DIST 9. 875		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, QZ-SER-SAFE-VISIT (5A), completed Tue Mar 11 01:29:00 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%

Comments: This visit allocates and sets up the safe position offset slot for v22 which will use that slot. This S/C visit should go earlier in the week while v22 will be at least 3 days later.

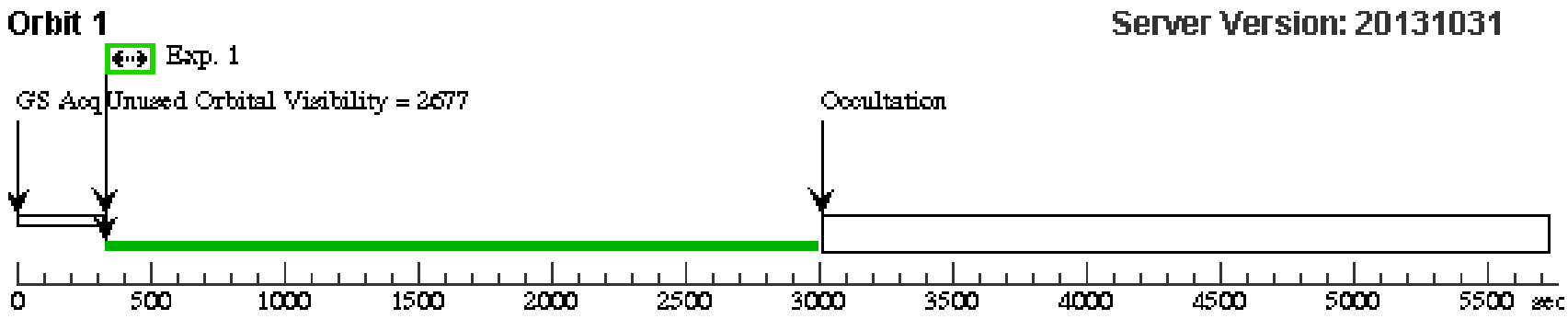
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	QZ-SER	RA: 15 56 54.4700 (239.2269583d) Dec: +21 07 19.00 (21.12194d) Equinox: J2000	Proper Motion RA: 6.7 mas/yr Proper Motion Dec: -9.2 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3 GALEX FUV=92microJy GALEX NUV=107microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(38) QZ-SER	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V22 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.837; QESIPARM ANGLE 271.4		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, CC-SCL-SAFE-VISIT (6A), completed Tue Mar 11 01:29:00 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%

Comments: This visit allocates and sets up the safe position offset slot for v27 which will use that slot. This S/C visit should go earlier in the week while v27 will be at least 3 days later.

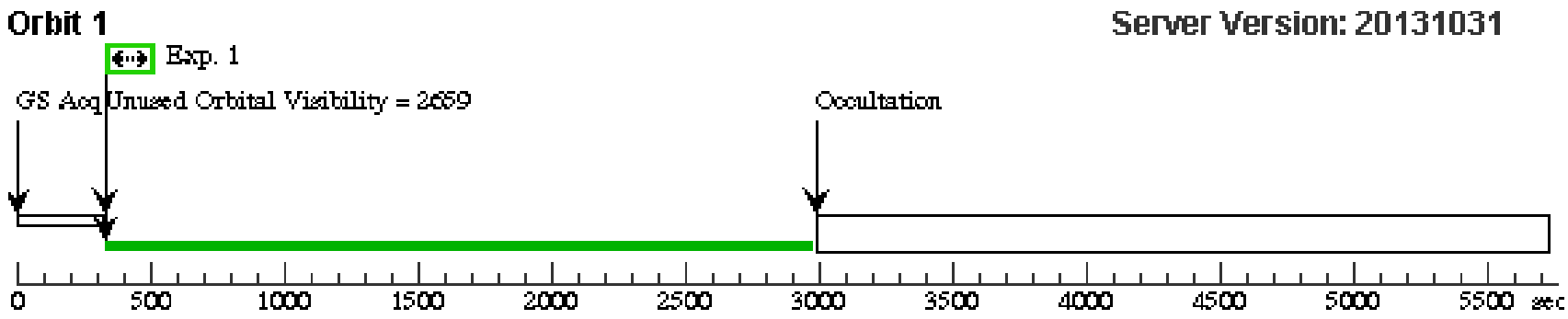
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(46)	CC-SCL	RA: 23 15 31.8600 (348.8827500d) Dec: -30 48 47.60 (-30.81322d) Equinox: J2000	Proper Motion RA: -41.2 mas/yr Proper Motion Dec: -61.4 mas/yr Epoch of Position: 2000.0	V=17.0+/-0.3 GALEX FUV=500microJy GALEX NUV=520microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(46) CC-SCL	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V27 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 317.2; QESIPARM DIST 9.803		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, AX-FOR-SAFE-VISIT (64), completed Tue Mar 11 01:29:00 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%

Comments: This visit allocates and sets up the safe position offset slot for v15 which will use that slot. This S/C visit should go earlier in the week while v15 will be at least 3 days later.

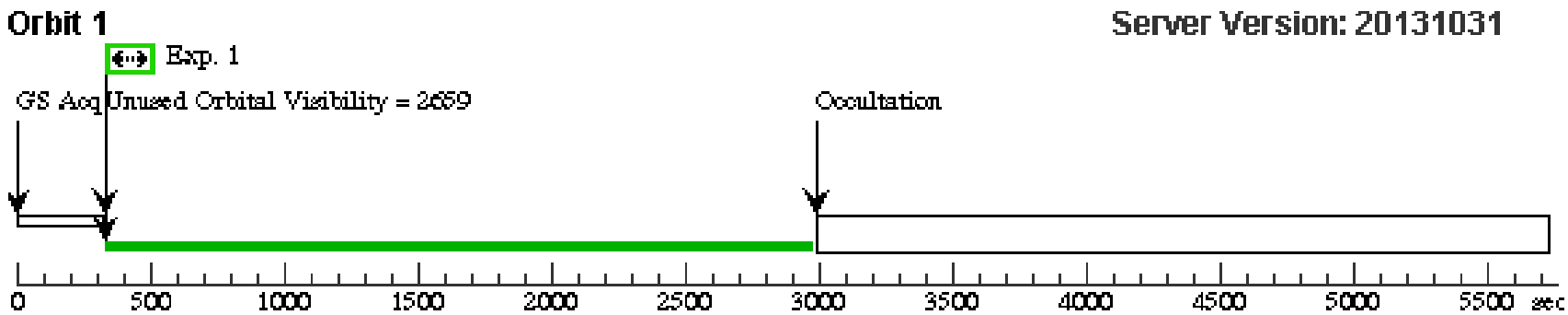
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	AX-FOR Alt Name1: 2QZJ021927.9-304545	RA: 02 19 28.0000 (34.8666667d) Dec: -30 45 45.60 (-30.76267d) Equinox: J2000	Proper Motion RA: 11.9 mas/yr Proper Motion Dec: 9.4 mas/yr Epoch of Position: 2000.0	V=18.5+/-0.3 GALEX FUV=110microJy GALEX NUV=130microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) AX-FOR	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V15 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 242.5; QESIPARM DIST 9.814		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, HS2214+2845-SAFE-VISIT (7A), completed Tue Mar 11 01:29:01 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%

Comments: This visit allocates and sets up the safe position offset slot for v35 which will use that slot. This S/C visit should go earlier in the week while v35 will be at least 3 days later.

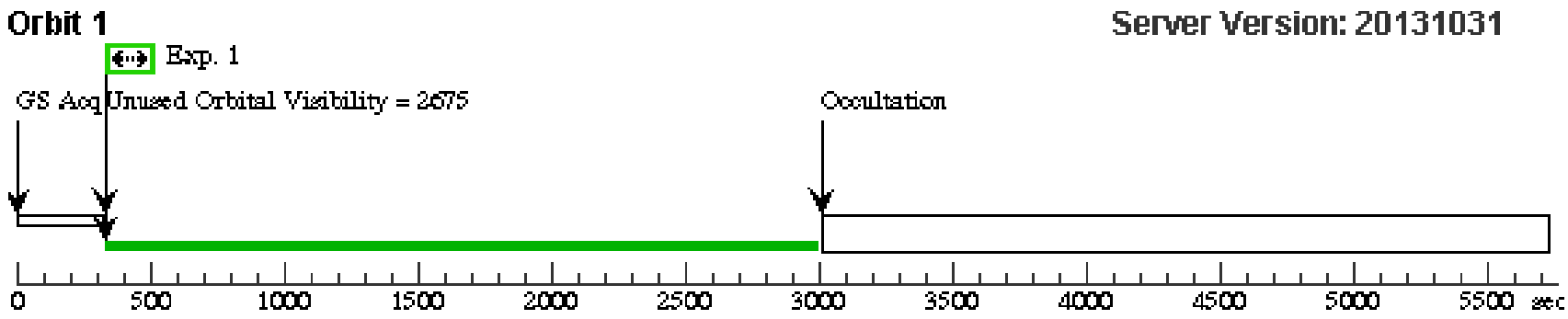
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(45)	HS2214+2845	RA: 22 16 31.1900 (334.1299583d) Dec: +29 00 19.70 (29.00547d) Equinox: J2000	Proper Motion RA: -17.6 mas/yr Proper Motion Dec: 31.8 mas/yr Epoch of Position: 2000.0	V=16.8+/-0.3 GALEX FUV=450microJy GALEX NUV=450microJy	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(45) HS2214+2845	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V35 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM DIST 9.806; QESIPARM ANGLE 227.2		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, OT-J213806.6+261957-SAFE-VISIT (8A), completed Tue Mar 11 01:29:01 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%

Comments: This visit allocates and sets up the safe position offset slot for v28 which will use that slot. This S/C visit should go earlier in the week while v28 will be at least 3 days later.

Fixed Targets

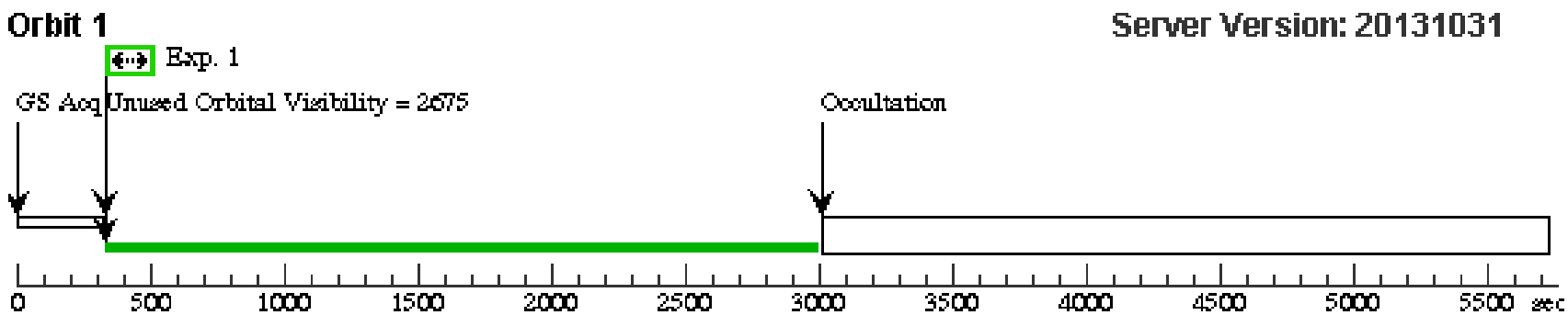
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(51)	OT-J213806.6+261957 Alt Name1: GALEX-J213806.6+261956	RA: 21 38 6.6940 (324.5278917d) Dec: +26 19 56.91 (26.33248d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2000.0	V=16.1+/-0.3 GALEX FUV=1262.45 +/- 33.59microJy GALEX NUV=1260.16 +/- 23.79microJy	Reference Frame: ICRS

Comments: This is a WZ Sge type dwarf nova that went into outburst in May 2010 (http://www.cbat.eps.harvard.edu/iau/cbet/002200/CBET002273.txt), reaching V~8mag. The only other recorded outbursts was detected on a photographic plate from 1942 (http://www.astronomerstelegram.org/?read=2619). This cataclysmic variable has a nearby, very red, visual companion, most likely an M-dwarf that does contributed very little in the u-band, and will be entirely negligible in the UV. The (pre-outburst) GALEX fluxes of the CV are compatible with Teff~15000K (http://www.astronomerstelegram.org/?read=2605). We obtained deep u-band images using the Liverpool Telescope, from which derive the coordinates used here (i.e. these are JD-now, hence no proper motion applied). The quiescent magnitude is V~16.1.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(51) OT-J213806.6+261957	S/C, DATA, V1			POS TARG 235.081, -234.940; SAVE OFFSET V28 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGLE 209.5; QESIPARM DIST 9.871		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, OR-And (VF), completed Tue Mar 11 01:29:01 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: COS/FUV

Special Requirements: SCHED 100%

Comments: This is the second and last "soft" ToO of a VY Scl star in a low state.

Fixed Targets

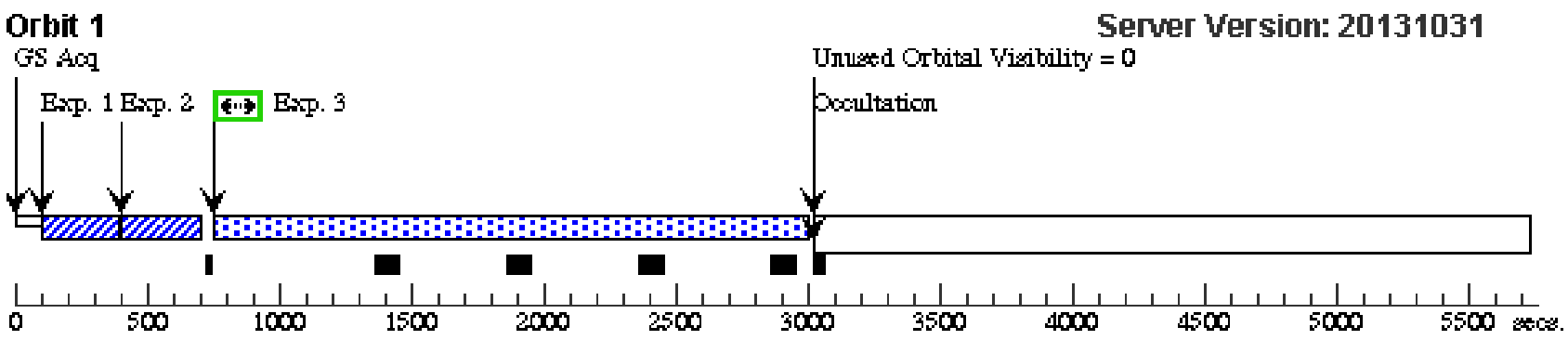
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(95)	OR-AND	RA: 23 04 37.4160 (346.1559000d) Dec: +49 27 23.81 (49.45661d) Equinox: J2000	Proper Motion RA: -1.8 mas/yr Proper Motion Dec: -2.3 mas/yr Epoch of Position: 2000.0	V=18.2+/-0.3 Swift UVM2 (2231A) : 4.33 +/- 0.24 e-16 erg/s/cm^2/A.	Reference Frame: ICRS

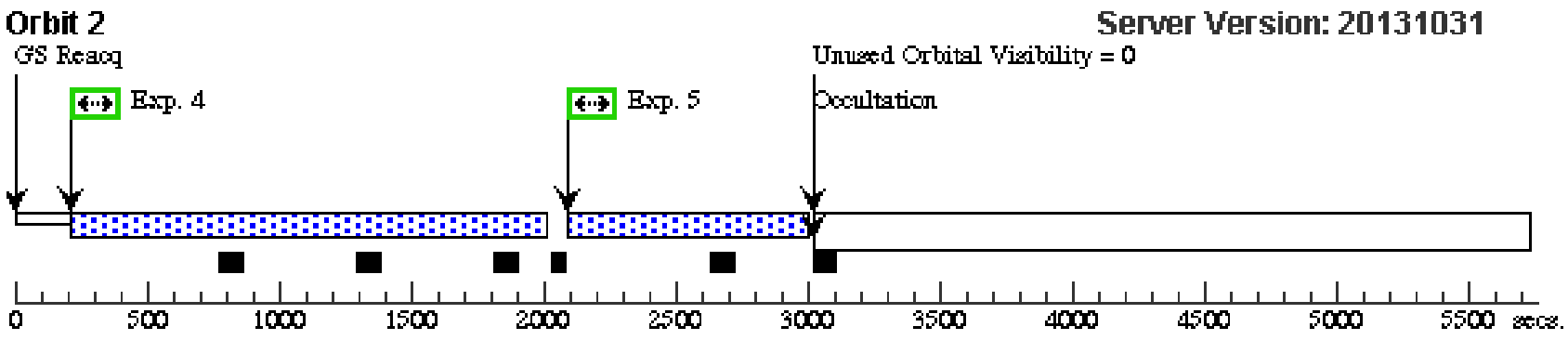
Comments: The V-mag and Swift flux are measured from the current faint low state. In the high state, V=15+-0.3, and GALEX m(NUV)=15.3.

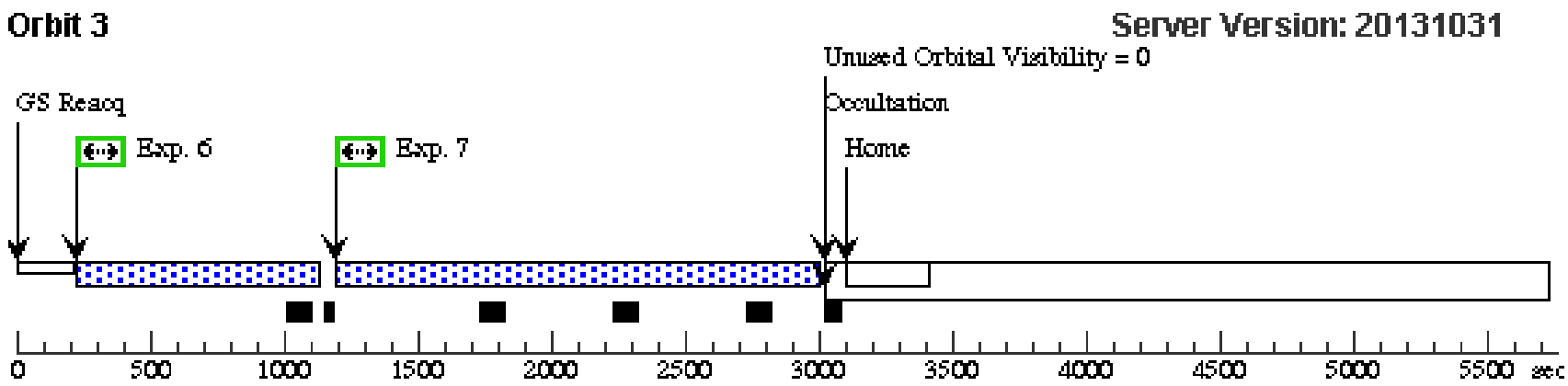
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	OR-And ACQ/PEAKXD (COS.sa.513550)	(95) OR-AND	COS/FUV, ACQ/PEAKXD, PSA	G140L 1105 A				30 Secs (30 Secs) *[==>]*	*[1]*
	Comments: exposure time based on Swift UVM2 low-state flux and a 40000K WD model, but conservatively allowing for the target fading another factor of two.								
2	OR-And ACQ/PEAKD (COS.sa.513550)	(95) OR-AND	COS/FUV, ACQ/PEAKD, PSA	G140L 1105 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			30 Secs (30 Secs) *[==>]*	*[1]*
	Comments: exposure time based on Swift UVM2 low-state flux and a 40000K WD model, but conservatively allowing for the target fading another factor of two.								
3	OR-And FP-1 (COS.sp.513552)	(95) OR-AND	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=500; FP-POS=1; FLASH=YES			2133 Secs (2133 Secs) *[==>]*	*[1]*
	Comments: Buffer-time set conservatively short in case the system is brightens (which will still be safe, but the buffer would overflow if set to the appropriate value for the low state).								
4	OR-And FP-2 (COS.sp.513552)	(95) OR-AND	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=520; FP-POS=2; FLASH=YES			1746 Secs (1746 Secs) *[==>]*	*[2]*
	Comments: Buffer-time set conservatively short in case the system is brightens (which will still be safe, but the buffer would overflow if set to the appropriate value for the low state).								
5	OR-And FP-3 (COS.sp.513552)	(95) OR-AND	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=500; FP-POS=3; FLASH=YES			858 Secs (858 Secs) *[==>]*	*[2]*
	Comments: Buffer-time set conservatively short in case the system is brightens (which will still be safe, but the buffer would overflow if set to the appropriate value for the low state).								
6	OR-And FP-3 (COS.sp.513552)	(95) OR-AND	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=764; FP-POS=3; FLASH=YES			864 Secs (864 Secs) *[==>]*	*[3]*
	Comments: Buffer-time set conservatively short in case the system is brightens (which will still be safe, but the buffer would overflow if set to the appropriate value for the low state).								
7	OR-And FP-4 (COS.sp.513552)	(95) OR-AND	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=500; FP-POS=4; FLASH=YES			1759 Secs (1759 Secs) *[==>]*	*[3]*
	Comments: Buffer-time set conservatively short in case the system is brightens (which will still be safe, but the buffer would overflow if set to the appropriate value for the low state).								

Orbit Structure







Visit

Proposal 12870, SDSS137-0912-SAFE-VISIT (9A), completed Tue Mar 11 01:29:02 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 170D TO 60 D

Comments: This visit allocates and sets up the safe position offset slot for visit 06 which will use that slot.

This visit should go earlier in the week while visit 06 will be at least 3 days later.

Fixed Targets

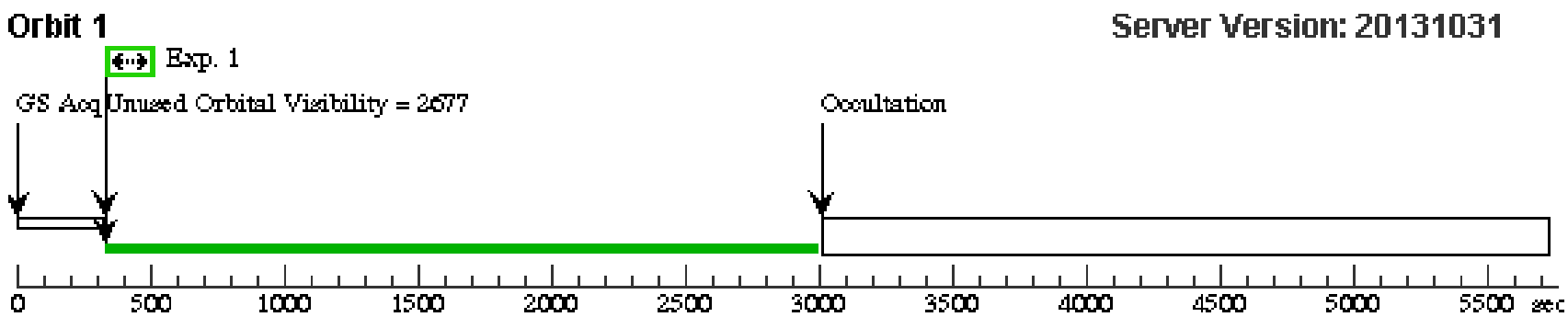
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	SDSS0137-0912	RA: 01 37 1.0600 (24.2544167d) Dec: -09 12 34.40 (-9.20956d) Equinox: J2000	Proper Motion RA: -30.8 mas/yr Proper Motion Dec: -49.4 mas/yr Epoch of Position: 2000.0	V=18.7+/-0.3	Reference Frame: ICRS

Comments: SWIFT observed SDSS0137-0912 on 2012/12/13 in the UVM2 filter for a total of 967s. We measure a flux of 5.18 +/- 0.17 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A. A previous observation on 2006/01/26 using the same filter and 1248s exposure time gave a similar flux, 4.60 +/- 0.2 10^-16 erg/s/cm^2/A.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) SDSS0137-0912	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V06 SAF; SPEC COM INSTR ECSLOTSET; GS ACQ SCENARIO BASE1B3; QESIPARM ANGLE 343.0; QESIPARM DIST 9.878		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, BB-ARI-SAFE-VISIT (1C), completed Tue Mar 11 01:29:02 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 165D TO 55 D

Comments: This visit allocates and sets up the safe position offset slot for visit 39 which will use that slot.

This visit should go earlier in the week while visit 39 will be at least 3 days later.

Fixed Targets

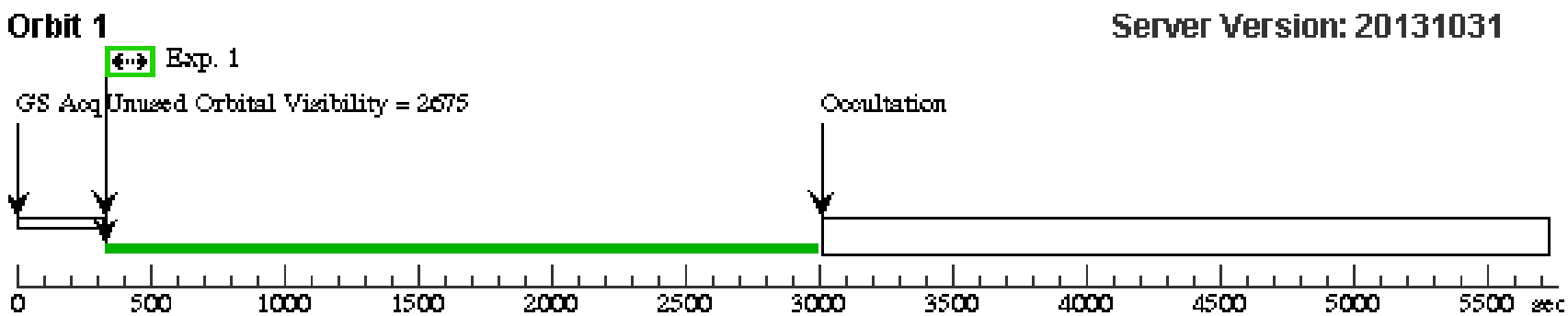
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	BB-ARI	RA: 02 44 57.7700 (41.2407083d) Dec: +27 31 9.30 (27.51925d) Equinox: J2000	Proper Motion RA: 19.4 mas/yr Proper Motion Dec: -7.3 mas/yr Epoch of Position: 2000.0	V=17.9+/-0.3	Reference Frame: ICRS

Comments: SWIFT observed BB Ari on 2012/12/13 in the UVM2 filter for a total of 965s. We measure a flux of 3.55 +/- 0.21 10^-16 erg/s/cm^2/A for an effective wavelength of 2231A.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(9) BB-ARI	S/C, DATA, V1			POS TARG 232.646, -237.445; SAVE OFFSET V39 SAF; SPEC COM INSTR ECSLOTSET; QESIPARM ANGL E 332.0; QESIPARM DIST 9. 835		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 12870, SDSS1006+2337-SAFE-VISIT (2C), scheduling Tue Mar 11 01:29:02 GMT 2014

Diagnostic Status: No Diagnostics

Scientific Instruments: S/C

Special Requirements: SCHED 100%; ORIENT 300D TO 190 D

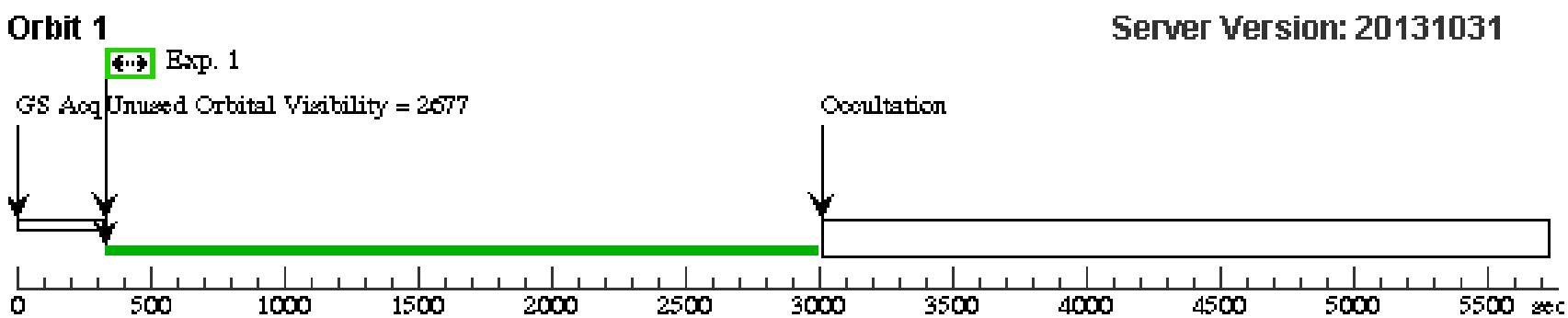
Comments: This visit allocates and sets up the safe position offset slot for visit 26 which will use that slot. This S/C visit should go earlier in the week while visit 26 will be at least 3 days later.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(26)	SDSS1006+2337	RA: 10 06 58.4200 (151.7434167d) Dec: +23 37 24.60 (23.62350d) Equinox: J2000	Proper Motion RA: -20.2 mas/yr Proper Motion Dec: -25.7 mas/yr Epoch of Position: 2000.0	V=18.3+/-0.3 GALEX FUV=30microJy GALEX NUV=30microJy	Reference Frame: ICRS

Comments: We obtained a Swift UVOT observation to confirm the low GALEX flux: on MJD 56450.58, the flux in the UVM2 filter (2231A) was 1.80 +/- 0.16 e-16 erg/s/cm^2/A, or an AB mag 20.21 +/- 0.10.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(26) SDSS1006+2337	S/C, DATA, V1			POS TARG 232.723, -237.515; SAVE OFFSET V26 SAF; SPEC COM INSTR ECSLOTSET; GS ACQ SCENARIO BASE1B3; QESIPARM ANGLE 51.2; QESIPARM DIST 9.816		5 Secs (5 Secs) *[==>]*	*[1]*

Orbit Structure