12248 - How Dwarf Galaxies Got That Way: Mapping Multiphase Gaseous Halos and Galactic Winds Below L*

Cycle: 18, Proposal Category: GO

(Large Program)

(Availability Mode: SUPPORTED)

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
51	(1) SDSSJ092909.79+464424.0	COS/FUV COS/NUV	2	14-Jul-2011 21:07:19.0	yes
52	(2) SDSSJ094733.21+100508.7	COS/FUV COS/NUV	2	14-Jul-2011 21:07:25.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
53	(3) PG1049-005	COS/FUV COS/NUV	2	14-Jul-2011 21:07:30.0	yes
54	(4) SDSSJ152139.66+033729.2	COS/FUV COS/NUV	2	14-Jul-2011 21:07:37.0	yes
55	(5) SDSSJ120720.99+262429.1	COS/FUV COS/NUV	2	14-Jul-2011 21:07:42.0	yes
56	(6) SDSSJ094952.91+390203.9	COS/FUV COS/NUV	2	14-Jul-2011 21:07:46.0	yes
57	(7) SDSSJ135625.55+251523.7	COS/FUV COS/NUV	2	14-Jul-2011 21:07:51.0	yes
58	(8) SDSSJ082633.51+074248.3	COS/FUV COS/NUV	2	14-Jul-2011 21:07:55.0	yes
59	(9) SDSSJ145108.76+270926.9	COS/FUV COS/NUV	3	14-Jul-2011 21:08:01.0	yes
60	(10) SDSSJ134206.56+050523.8	COS/FUV COS/NUV	3	14-Jul-2011 21:08:07.0	yes
61	(11) SDSSJ154553.48+093620.5	COS/FUV COS/NUV	3	14-Jul-2011 21:08:13.0	yes
62	(12) SDSSJ121114.56+365739.5	COS/FUV COS/NUV	3	14-Jul-2011 21:08:20.0	yes
63	(13) SDSSJ112114.22+032546.7	COS/FUV COS/NUV	3	14-Jul-2011 21:08:27.0	yes
64	(14) SDSSJ121037.56+315706.0	COS/FUV COS/NUV	3	14-Jul-2011 21:08:32.0	yes
65	(15) SDSSJ100102.55+594414.3	COS/FUV COS/NUV	3	14-Jul-2011 21:08:38.0	yes
66	(16) SDSSJ015530.02-085704.0	COS/FUV COS/NUV	3	14-Jul-2011 21:08:48.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
67	(17) SDSSJ025937.46+003736.3	COS/FUV COS/NUV	3	14-Jul-2011 21:08:53.0	yes
68	(18) SDSSJ095915.65+050355.1	COS/FUV COS/NUV	3	14-Jul-2011 21:08:58.0	yes
69	(19) SDSSJ134246.89+184443.6	COS/FUV COS/NUV	3	14-Jul-2011 21:09:04.0	yes
70	(20) SDSSJ031027.82-004950.7	COS/FUV COS/NUV	3	14-Jul-2011 21:09:11.0	yes
71	(21) SDSSJ111754.31+263416.6	COS/FUV COS/NUV	3	14-Jul-2011 21:09:17.0	yes
72	(22) PG1202+281	COS/FUV COS/NUV	3	14-Jul-2011 21:09:22.0	yes
73	(23) SDSSJ110406.94+314111.4	COS/FUV COS/NUV	3	14-Jul-2011 21:09:29.0	yes
74	(24) SDSSJ024250.85-075914.2	COS/FUV COS/NUV	3	14-Jul-2011 21:09:35.0	yes
75	(25) SDSSJ134231.22+382903.4	COS/FUV COS/NUV	3	14-Jul-2011 21:09:40.0	yes
76	(26) SDSSJ001224.01-102226.5	COS/FUV COS/NUV	3	14-Jul-2011 21:09:46.0	yes
77	(27) SDSSJ080908.13+461925.6	COS/FUV COS/NUV	3	14-Jul-2011 21:09:51.0	yes
78	(28) SDSSJ105945.23+144142.9	COS/FUV COS/NUV	4	14-Jul-2011 21:09:58.0	yes
79	(29) SDSSJ135712.61+170444.1	COS/FUV COS/NUV	4	14-Jul-2011 21:10:05.0	yes
80	(30) SDSSJ092554.43+453544.4	COS/FUV COS/NUV	4	14-Jul-2011 21:10:11.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
81	(31) SDSSJ094621.26+471131.3	COS/FUV COS/NUV	4	14-Jul-2011 21:10:16.0	yes
82	(32) SDSSJ132704.13+443505.0	COS/FUV COS/NUV	4	14-Jul-2011 21:10:22.0	yes
83	(33) SDSSJ021218.32-073719.8	COS/FUV COS/NUV	4	14-Jul-2011 21:10:28.0	yes
92	(33) SDSSJ021218.32-073719.8	COS/FUV COS/NUV	3	14-Jul-2011 21:10:32.0	yes
84	(34) SDSSJ112244.89+575543.0	COS/FUV COS/NUV	4	14-Jul-2011 21:10:37.0	yes
85	(35) SDSSJ133053.27+311930.5	COS/FUV COS/NUV	4	14-Jul-2011 21:10:41.0	yes
86	(36) SDSSJ113457.62+255527.9	COS/FUV COS/NUV	4	14-Jul-2011 21:10:46.0	yes
87	(37) SDSSJ123604.02+264135.9	COS/FUV COS/NUV	4	14-Jul-2011 21:10:51.0	yes
88	(38) SDSSJ110312.93+414154.9	COS/FUV COS/NUV	4	14-Jul-2011 21:10:57.0	yes
89	(39) SDSSJ105958.82+251708.8	COS/FUV COS/NUV	4	14-Jul-2011 21:11:02.0	yes
90	(40) SDSSJ091235.42+295725.4	COS/FUV COS/NUV	4	14-Jul-2011 21:11:06.0	yes
91	(41) SDSSJ084349.49+411741.6	COS/FUV COS/NUV	4	14-Jul-2011 21:11:11.0	yes

132 Total Orbits Used

ABSTRACT

One of the most vexing problems in galaxy formation concerns how gas accretion and feedback influence the evolution of galaxies. In high mass galaxies, numerical simulations predict the initial fuel is accreted through 'cold' streams, after which AGN suppress star formation to leave galaxies red and gas-poor. In the shallow potential wells that host dwarf galaxies, gas accretion can be very efficient, and "superwinds" driven either by hot gas expelled by SNe or momentum imparted by SNe and hot-star radiation are regarded as the likely source(s) of feedback. However, major doubts persist about the physics of gas accretion, and particularly about SN-driven feedback, including their scalings with halo mass and their influence on the evolution of the galaxies. While "superwinds" are visible in X-rays near the point of their departure, they generally drop below detectable surface-brightness limits at ~ 10 kpc. Cold clumps in winds can be detected as blue-shifted absorption against the galaxy's own starlight, but the radial extent of these winds are difficult to constrain, leaving their energy, momentum, and ultimate fate uncertain. Wind prescriptions in hydrodynamical simulations are uncertain and at present are constrained only by indirect observations, e.g. by their influence on the stellar masses of galaxies and IGM metallicity. All these doubts lead to one conclusion: we do not understand gas accretion and feedback because we generally do not observe the infall and winds directly, in the extended gaseous halos of galaxies, when it is happening. To do this effectively, we must harness the power of absorption-line spectroscopy to measure the density, temperature, metallicity, and kinematics of small quantities of diffuse gas in galaxy halos. The most important physical diagnostics lie in the FUV, so this is uniquely a problem for HST and COS. We propose new COS G130M and G160M observations of 41 QSOs that probe the gaseous halos of 44 SDSS dwarf galaxies well inside their virial radii. Using sensitive absorption-line measurements of the multiphase gas diagnostics Lya, CII/IV, Si II/III/IV, and other species, supplemented by optical data from SDSS and Keck, we will map the halos of galaxies with L = 0.02 - 0.3 L*, stellar masses M* = 10^(8-10) Msun, over impact parameter from 15 - 150 kpc. These observations will directly constrain the content and kinematics of accreting and outflowing material, provide a concrete target for simulations to hit, and statistically test proposed galactic superwind models. These observations will also inform the study of galaxies at high z, where the shallow halo potentials that host dwarf galaxies today were the norm. These observations are low-risk and routine for COS, easily schedulable, and promise a major advance in our understanding of how dwarf galaxies came to be.

OBSERVING DESCRIPTION

Our strategic goal is to build a sample of QSO/galaxy pairs with rho < 150 kpc to study multi-phase gas in galactic halos and its dependence on galaxy properties. Together, G130M and G160M range over 1150 - 1750 A, which gives us access to a host of important ionization, density, and metallicity diagnostics, most importantly the C IV doublet, 1548/1550 A, which is a sensitive tracer of highly ionized gas. The galaxy redshifts range from z ~ 0.01 - 0.06, where these ions will be covered on at least one of the grating settings.

Exposure times: Most of our target QSOs are newly discovered by SDSS, and so have not been observed spectroscopically in the UV before. To

ensure sufficient flux in the G130M/G160M bands we have cross-referenced our QSO catalog with the GALEX DR4 all-sky survey (AIS) and selected only QSOs with a significant detection in the GALEX FUV band (~ 1500 \AA). Measured GALEX FUV magnitudes for our sample range from 16.77 to 18.23. The redshifts range from z = 0.1 - 1.0. Note that if we assume the FOS composite QSO in the ETC, QSOs in this range of redshift and magnitude are always well below the bright limits of COS for both FUV spectroscopic exposures and NUV imaging target acquisitions with MIRRORB.

We use the COS online ETC to calculate that we will achieve S/N = 8-12 per resolution element over 1150 - 1750 A with 2-4 orbit exposures for our target objects. The exposure time is roughly equally divided between the two gratings, with a shift of central wavelength halfway through the full exposure for each grating to fill the ~ 15 A gap between detector segments. Use of the GALEX fluxes means that we do not need to correct for interstellar extinction, which in any case is E(B-V) <~ 0.1 for these high-latitude targets. Each visit has had the two central wavelengths and gratings packed for maximim efficiency, with the central wavelengths chosen to place the resulting low-S/N gap away from absorption lines of interest. Based on our experience with the ETC for QSOs in this range of redshift and magnitude and with our 20 similar objects observed so far in Cycle 17, we know that these spectra always have their brightest pixel at the position of geocoronal Lyman alpha emission, not from the QSO source. These objects never get close to the bright limits, whatever the magnitude, redshift, or central wavelength setting.

Notes on Acquisitions:
Our coordinates are all from SDSS, with astrometry good to 100 mas, so we adopt NUV imaging (ACQ/IMAGE) for all targets. Our experience in Cycle 17 is that IMAGE acqisitions are working well for these targets. We have set the exposure times for each "orbit bin" (2,3, or 4) using the faintest target at S/N = 40 in each bin as the limiting case, and then rounding up to provide a margin of safety against QSO fading. We use 60, 90, and 120 sec for the 2, 3, and 4 orbit targets, respectively. Adding 1 mag margin, even our faintest targets are too bright for MIRRORA acquisitions, so we use MIRRORB in every case.

The Phase II ISR says use 1 mag brighter for bright-object check on ACQs. Brightest target here has GALEX NUV = 16.77, and this one is acquired in 31 sec at S/N = 40 for MIRRORB and PSA. It has 7 ct/s in the brightest pixel, and 51 ct/s in the 9x9 selcted region (ETC COS.A325163). At one magnitude brighter (GALEX NUV=15.77), this target is still safe to acquire with MIRRORB in the NUV, with 18 ct/s in the brightest pixel, 129 ct/s in the selected region, and 506 ct/s on the entire detector (ETC COS.A325168). For program targets with multi-epoch GALEX data, the true variability of these QSOs is of order ~< 0.2 mag, much less than this 1 mag assumption. For this reason, and because our brightest target is safe to acquire, all our targets are safe to acquire in NUV imaging with MIRRORB.

As anticipated for these targets selected from SDSS+GALEX, the BOT returns no health-and-safety issues for the targets or their fields.

To estimate the range of S/N ratios we will acquire for our science exposures, and to estimate their count rates for health-and safety checks, we ran a grid of representative ETC calculations for a range of QSO brightness and redshift. All these ETCs use the FOS QSO template spectrum normalized by the specified GALEX FUV flux at the specified redshift. There are five representative redshifts (0.1, 0.2, 0.3, 0.4, 0.5) and three representative FUV magnitudes (17.25, 17.25, 18.25). The exposure times are the averages of the times drawn from the Phase II for those These ETCs are:

FUVmag = 17.25 (2 orbit bin, visits 51 - 58)

z	G130M=2308 s	G160M=2837 s
0.1	COS.A265462	COS.A265515
0.2	COS.A265468	COS.A265519
0.3	COS.A265472	COS.A265525
0.4	COS.A265478	COS.A265527
0.5	COS.A265483	COS.A265537

FUVmag = 17.75 (3 orbit bin, visits 59 - 77)

z	G130M=3688 s	G160M=4018 s
0.1	COS.A265564	COS.A265611
0.2	COS.A265574	COS.A265625
0.3	COS.A265577	COS.A265635
0.4	COS.A265592	COS.A265639
0.5	COS.A265602	COS.A265649

FUVmag = 18.25 (4 orbit bin, visits 78 - 91)

z	G130M=5103 s	G160M=6030 s
0.1	COS.A265675	COS.A265732
0.2	COS.A265701	COS.A265736
0.3	COS.A265710	COS.A265742
0.4	COS.A265713	COS.A265743

0.5 COS.A265723 COS.A265744

Note than in every case, the local and global count rates are far below the limits, and that in every case for G130M the brightest pixels correspond to geocoronal Lya, which is >1-2 orders of magnitude brighter than the source QSOs. The brightest pixel in G160M is usually from the source, at the more sensitive short wavelength end of the detector (~1400 A). In any case these count rates are well below the local and global limits.

The central wavelengths are set to optimally cover the interesting absorption lines from the galaxies of interest (mainly Lya and C IV). Thus almost every cenwave setting allowed for COS used for one target or another. The representative ETCs show that geocoronal Lya is always the brightest spot in G130M regardless of the cenwave, but is still well below the limits (0.1 cts at Lya vs. 0.67 cts limit), and the targets tend to be at least an order of magnitude fainter. The source does tend to give the brightest pixel in G160M, but is always well below limits (0.01 cts vs. 0.67). Since the FOS template spectrum is relatively flat (see the representative cases) the global count rate is almost invariant with cenwave and never gets close to the limits.

Visit

Proposal 12248, Visit 51, completed Fri Jul 15 01:11:18 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Comments: Archetypal 2-orbit Visit

Diagnostics

(Visit 51) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 51) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

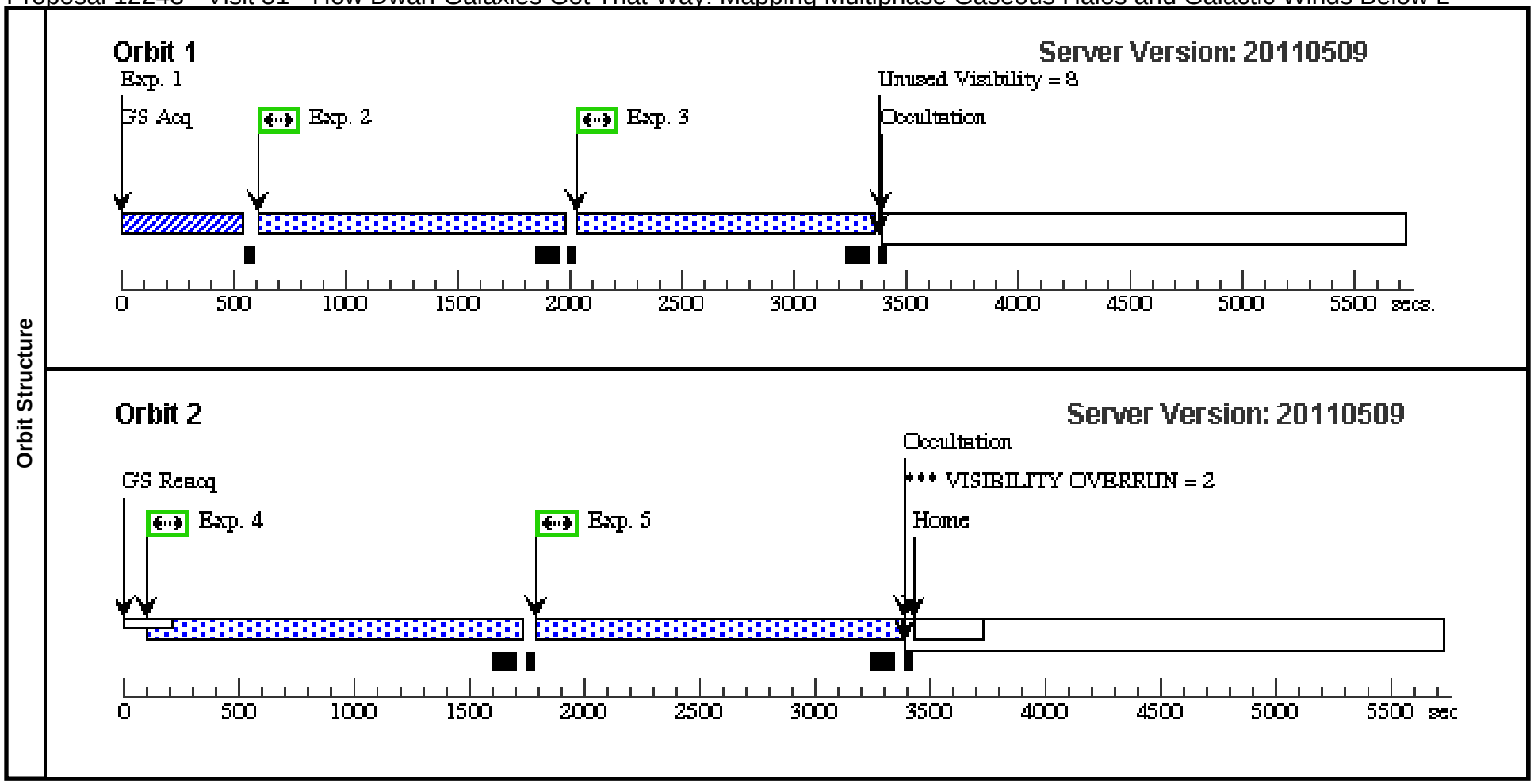
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	SDSSJ092909.79+464424.0	RA: 09 29 9.7800 (142.2907500d) Dec: +46 44 24.00 (46.74000d) Equinox: J2000		V=16.3300+/-0.1 FUV = 16.77	Reference Frame: ICRS

Comments: z = 0.240

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(1) SDSSJ092909.79+464424.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs *[==>]*	***[1]***
2		(1) SDSSJ092909.79+464424.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1100; FLASH=YES			1207.0 Secs *[==>]*	***[1]***
3		(1) SDSSJ092909.79+464424.0	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1098; FLASH=YES			1208.0 Secs *[==>]*	***[1]***
4		(1) SDSSJ092909.79+464424.0	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=1353; FLASH=YES			1463.0 Secs *[==>]*	***[2]***
5		(1) SDSSJ092909.79+464424.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=1354; FLASH=YES			1464.0 Secs *[==>]*	***[2]***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Server Version: 20110509
Exp. 1
GS Acq
Exp. 2
Exp. 3
Unused Visibility = 8
Occultation
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1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20110509
Occultation
GS Reacq
*** VISIBILITY OVERRUN = 2
Exp. 4
Exp. 5
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 52, completed Fri Jul 15 01:11:19 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Comments: Duplicated 2-orbit Visit

Diagnostics

(Visit 52) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 52) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

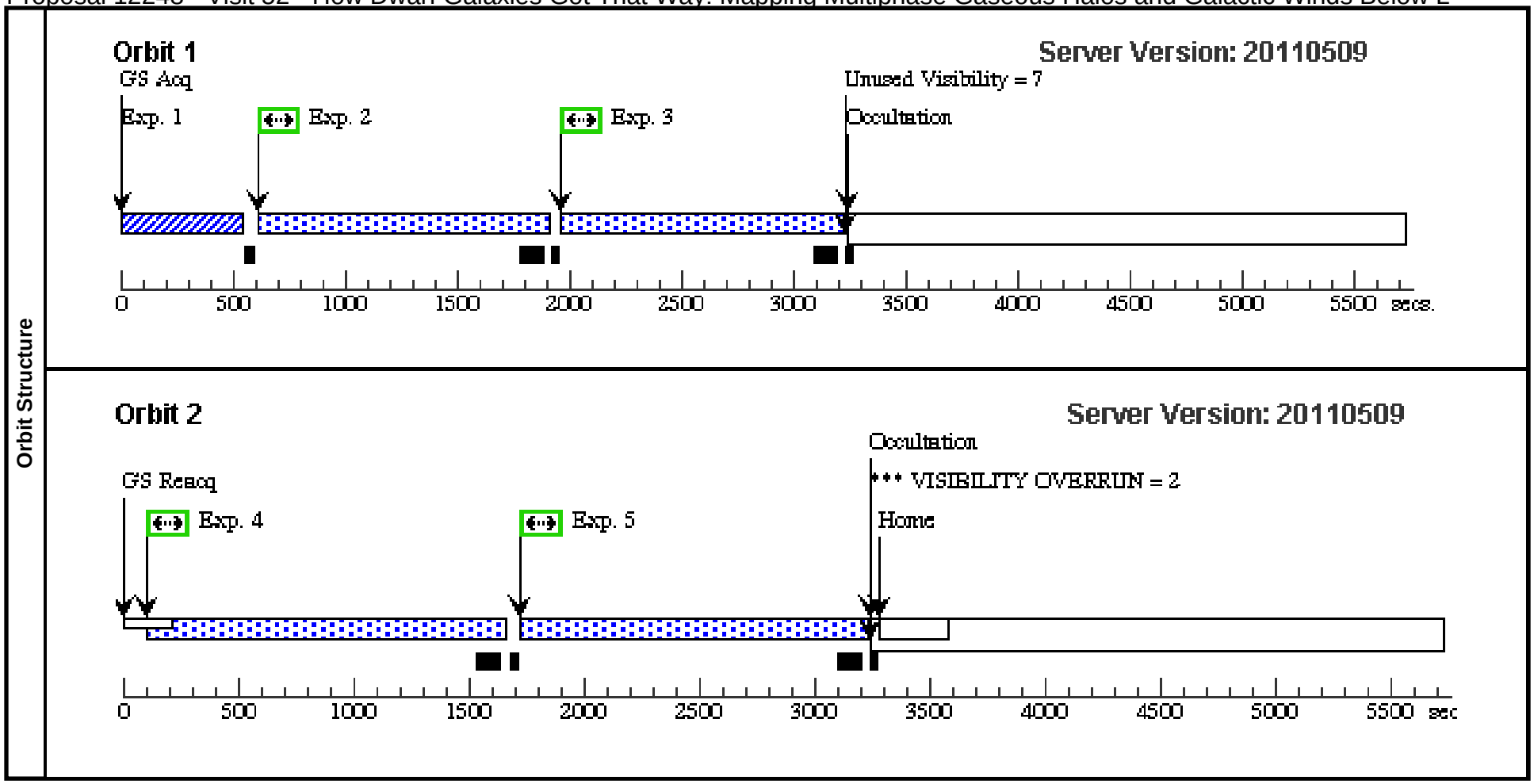
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SDSSJ094733.21+100508.7	RA: 09 47 33.2160 (146.8884000d) Dec: +10 05 8.88 (10.08580d) Equinox: J2000		V=16.9100+/-0.1 FUV = 16.92	Reference Frame: ICRS

Comments: z = 0.139

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(2) SDSSJ094733.21 +100508.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs *[==>]*	***[1]***
2		(2) SDSSJ094733.21 +100508.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1027; FLASH=YES			1137.0 Secs *[==>]*	***[1]***
3		(2) SDSSJ094733.21 +100508.7	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1023; FLASH=YES			1133.0 Secs *[==>]*	***[1]***
4		(2) SDSSJ094733.21 +100508.7	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=1280; FLASH=YES			1392.0 Secs *[==>]*	***[2]***
5		(2) SDSSJ094733.21 +100508.7	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=1280; FLASH=YES			1389.0 Secs *[==>]*	***[2]***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Exp. 2
Exp. 3
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2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20110509
Occultation
GS Reacq
*** VISIBILITY OVERRUN = 2
Exp. 4
Exp. 5
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 53, completed Fri Jul 15 01:11:19 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Comments: Duplicated 2-orbit Visit

Diagnostics

(Visit 53) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 53) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

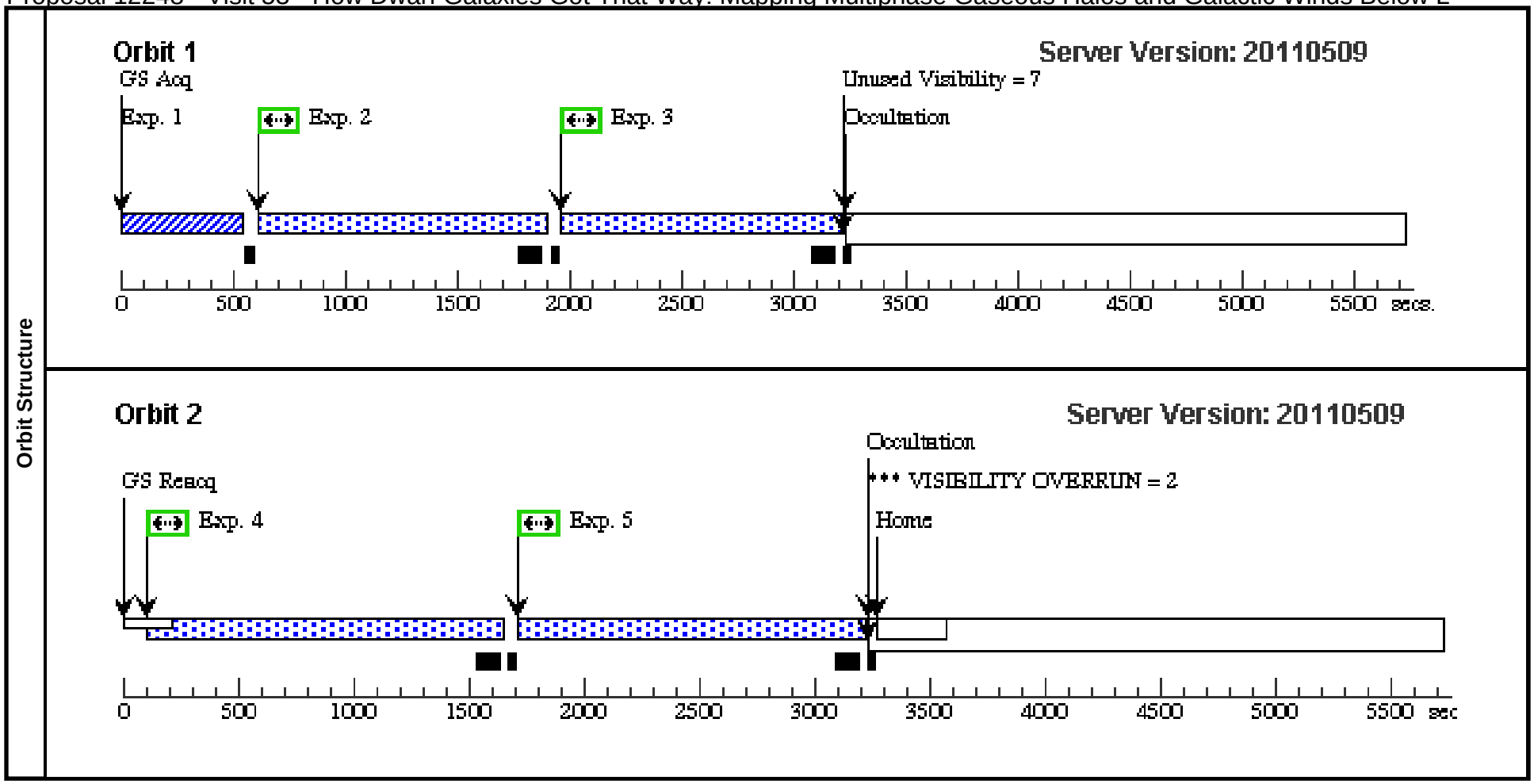
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	PG1049-005	RA: 10 51 51.4800 (162.9645000d) Dec: -00 51 17.64 (-.85490d) Equinox: J2000		V=15.7900+/-0.1 FUV = 16.95	Reference Frame: ICRS

Comments: z = 0.359

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(3) PG1049-005	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs *[==>]*	***[1]***
2		(3) PG1049-005	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1023; FLASH=YES			1130.0 Secs *[==>]*	***[1]***
3		(3) PG1049-005	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1023; FLASH=YES			1129.0 Secs *[==>]*	***[1]***
4		(3) PG1049-005	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1280; FLASH=YES			1385.0 Secs *[==>]*	***[2]***
5		(3) PG1049-005	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=1280; FLASH=YES			1385.0 Secs *[==>]*	***[2]***


Orbit Structure
Orbit 1
Server Version: 20110509
GS Acq
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 7
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20110509
Occultation
GS Reacq
*** VISIBILITY OVERRUN = 2
Exp. 4
Exp. 5
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 54, scheduling Fri Jul 15 01:11:20 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Comments: Duplicated 2-orbit Visit

Diagnostics

(Visit 54) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 54) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

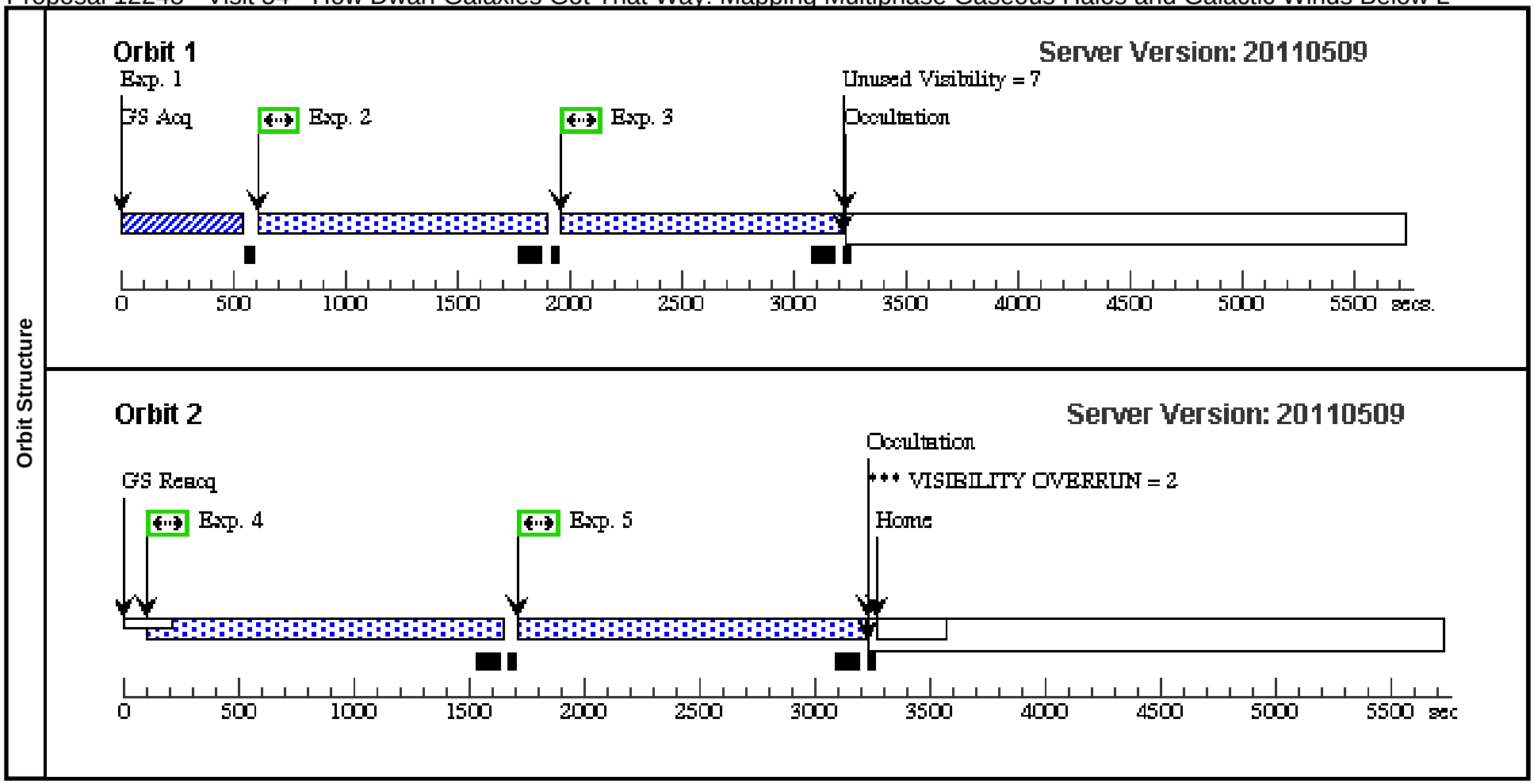
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	SDSSJ152139.66+033729.2	RA: 15 21 39.6000 (230.4150000d) Dec: +03 37 29.28 (3.62480d) Equinox: J2000		V=17.1600+/-0.1 FUV = 17.05	Reference Frame: ICRS

Comments: z = 0.126

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(4) SDSSJ152139.66 +033729.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs *[==>]*	***[1]***
2		(4) SDSSJ152139.66 +033729.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1023; FLASH=YES			1130.0 Secs *[==>]*	***[1]***
3		(4) SDSSJ152139.66 +033729.2	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1023; FLASH=YES			1129.0 Secs *[==>]*	***[1]***
4		(4) SDSSJ152139.66 +033729.2	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1280; FLASH=YES			1385.0 Secs *[==>]*	***[2]***
5		(4) SDSSJ152139.66 +033729.2	COS/FUV, TIME-TAG, PSA	G160M 1589 A	BUFFER-TIME=1280; FLASH=YES			1385.0 Secs *[==>]*	***[2]***


Orbit Structure
Orbit 1
Server Version: 20110509
Exp. 1
GS Acq
Exp. 2
Exp. 3
Unused Visibility = 7
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20110509
Occultation
GS Reacq
*** VISIBILITY OVERRUN = 2
Exp. 4
Exp. 5
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 55, completed Fri Jul 15 01:11:20 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Comments: Duplicated 2-orbit Visit

Diagnostics

(Visit 55) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 55) Warning (Orbit Planner): VISIBILITY OVERRUN

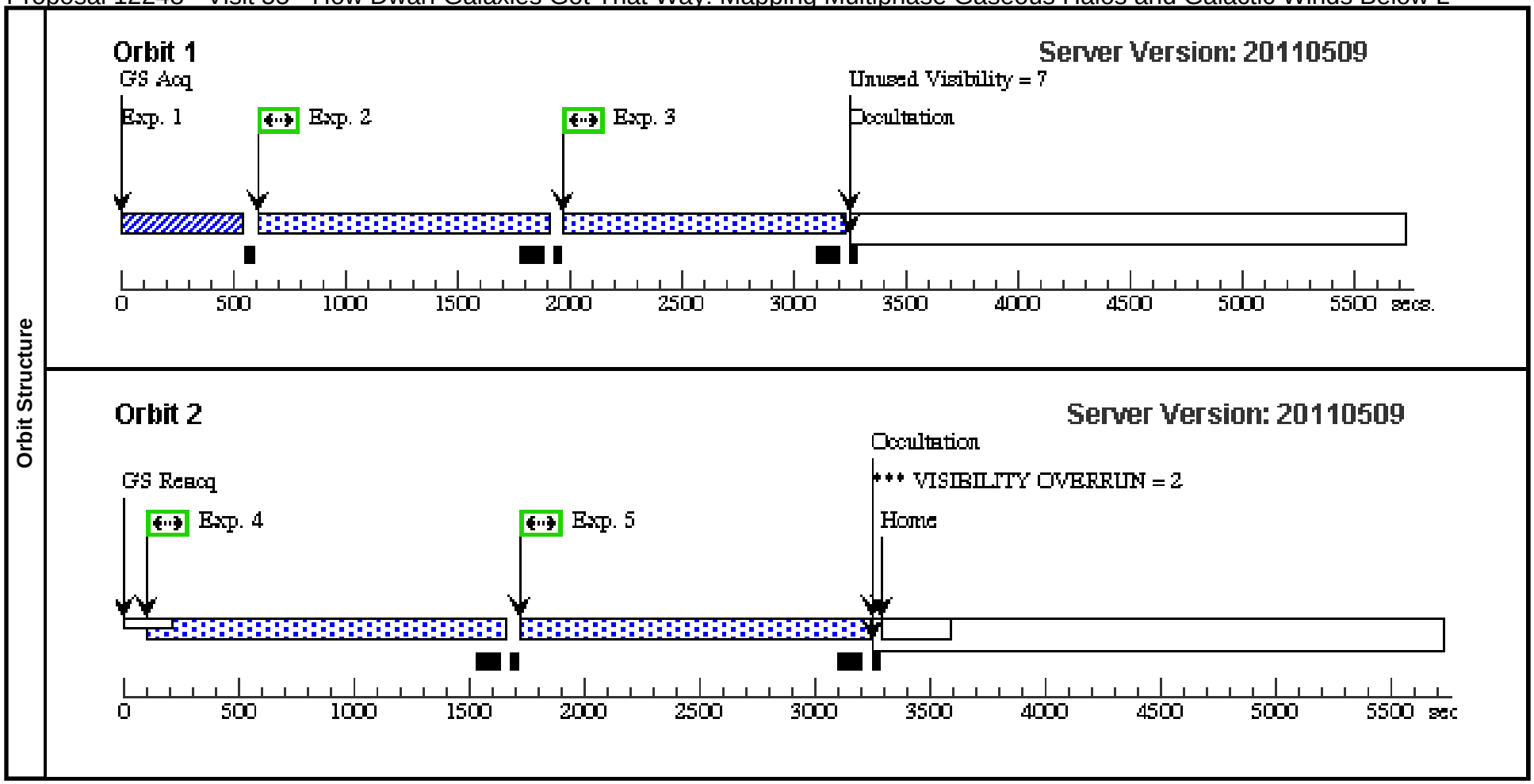
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	SDSSJ120720.99+262429.1	RA: 12 07 21.0000 (181.8375000d) Dec: +26 24 29.16 (26.40810d) Equinox: J2000		V=17.1700+/-0.1 FUV = 17.11	Reference Frame: ICRS

Comments: z = 0.324

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(5) SDSSJ120720.99+262429.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs *[==>]*	*[1]*
2		(5) SDSSJ120720.99+262429.1	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1031; FLASH=YES			1141.0 Secs *[==>]*	*[1]*
3		(5) SDSSJ120720.99+262429.1	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=1031; FLASH=YES			1141.0 Secs *[==>]*	*[1]*
4		(5) SDSSJ120720.99+262429.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1280; FLASH=YES			1396.0 Secs *[==>]*	*[2]*
5		(5) SDSSJ120720.99+262429.1	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=1280; FLASH=YES			1397.0 Secs *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20110509
GS Acq
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 7
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20110509
Occultation
GS Reacq
*** VISIBILITY OVERRUN = 2
Exp. 4
Exp. 5
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 56, completed Fri Jul 15 01:11:21 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Comments: Duplicated 2-orbit Visit

Diagnostics

(Visit 56) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 56) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

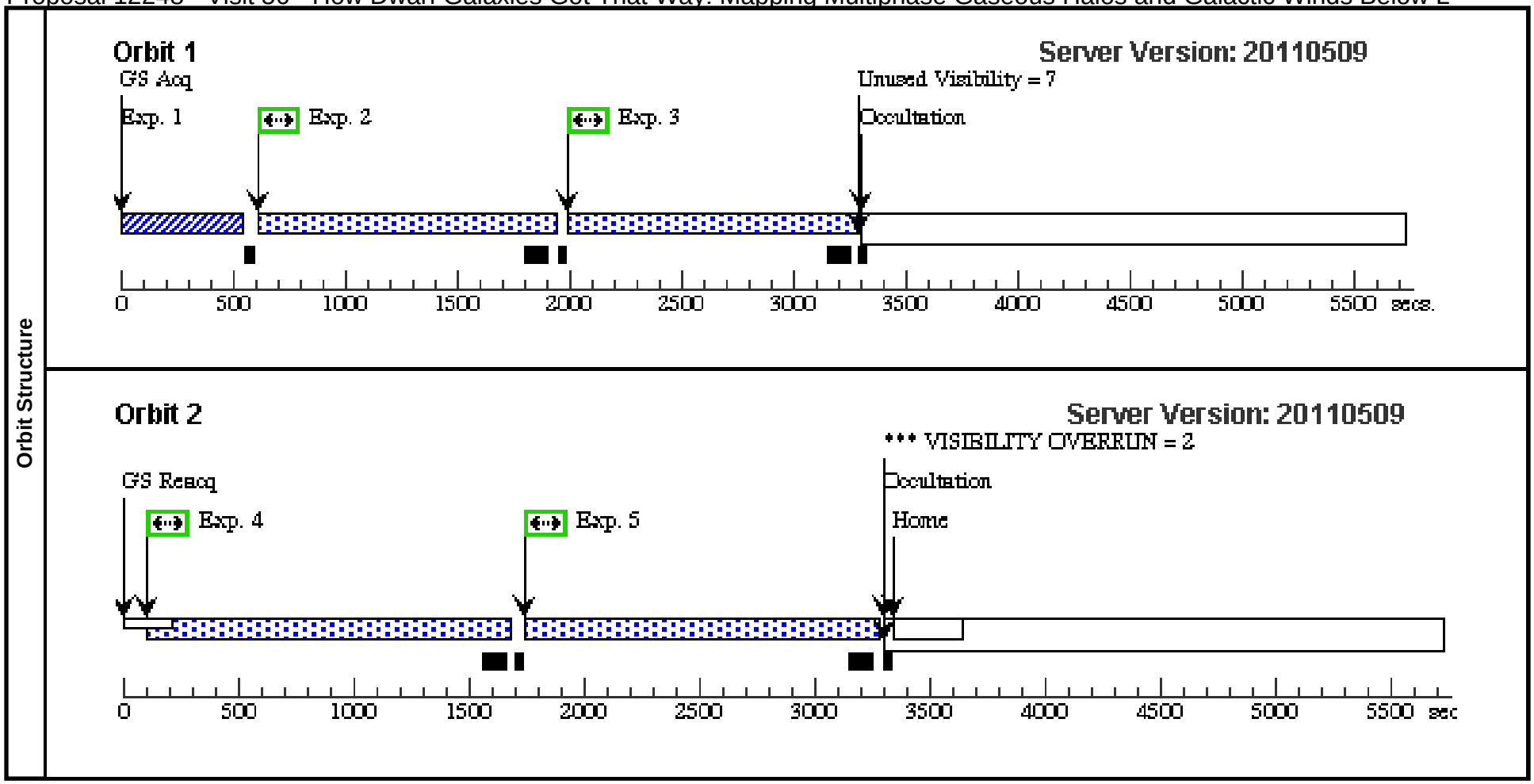
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	SDSSJ094952.91+390203.9	RA: 09 49 52.9320 (147.4705500d) Dec: +39 02 3.84 (39.03440d) Equinox: J2000		V=16.4800+/-0.1 FUV = 17.16	Reference Frame: ICRS

Comments: z = 0.365

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(6) SDSSJ094952.91 +390203.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs *[==>]*	***[1]***
2		(6) SDSSJ094952.91 +390203.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1053; FLASH=YES			1163.0 Secs *[==>]*	***[1]***
3		(6) SDSSJ094952.91 +390203.9	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1053; FLASH=YES			1163.0 Secs *[==>]*	***[1]***
4		(6) SDSSJ094952.91 +390203.9	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=1309; FLASH=YES			1419.0 Secs *[==>]*	***[2]***
5		(6) SDSSJ094952.91 +390203.9	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=1308; FLASH=YES			1418.0 Secs *[==>]*	***[2]***


Orbit Structure
Orbit 1
Server Version: 20110509
GS Acq
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 7
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20110509
*** VISIBILITY OVERRUN = 2
GS Reacq
Exp. 4
Exp. 5
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 57, scheduling Fri Jul 15 01:11:21 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Comments: Duplicated 2-orbit Visit

Diagnostics

(Visit 57) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 57) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

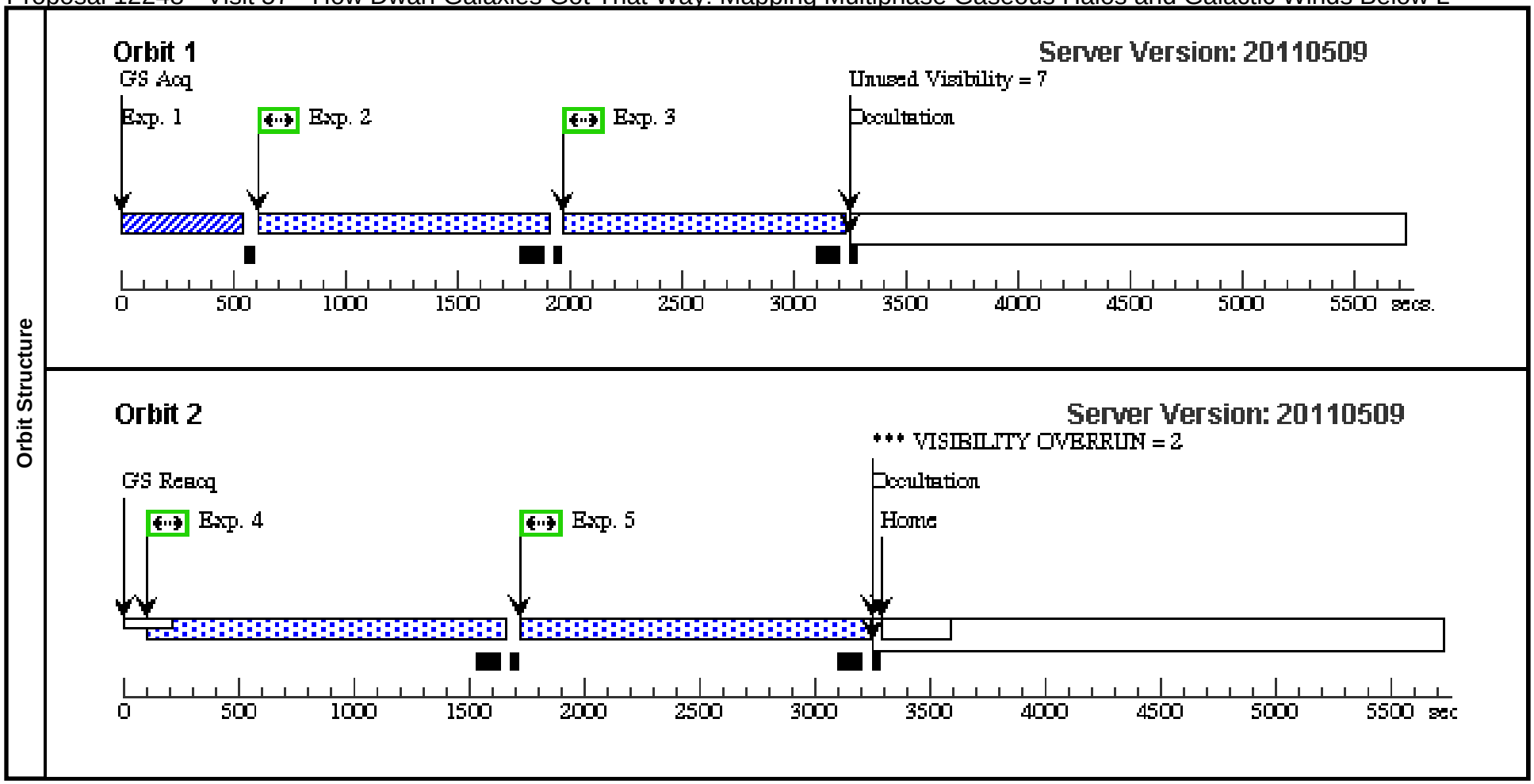
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SDSSJ135625.55+251523.7	RA: 13 56 25.4400 (209.1060000d) Dec: +25 15 23.76 (25.25660d) Equinox: J2000		V=16.3200+/-0.1 FUV = 17.18	Reference Frame: ICRS

Comments: z = 0.164

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(7) SDSSJ135625.55 +251523.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs *[==>]*	*[1]*
2		(7) SDSSJ135625.55 +251523.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1031; FLASH=YES			1141.0 Secs *[==>]*	*[1]*
3		(7) SDSSJ135625.55 +251523.7	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1031; FLASH=YES			1141.0 Secs *[==>]*	*[1]*
4		(7) SDSSJ135625.55 +251523.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1280; FLASH=YES			1396.0 Secs *[==>]*	*[2]*
5		(7) SDSSJ135625.55 +251523.7	COS/FUV, TIME-TAG, PSA	G160M 1589 A	BUFFER-TIME=1280; FLASH=YES			1397.0 Secs *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20110509
GS Acq
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 7
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20110509
*** VISIBILITY OVERRUN = 2
GS Reacq
Exp. 4
Exp. 5
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500

Visit

Proposal 12248, Visit 58, completed Fri Jul 15 01:11:22 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Comments: Duplicated 2-orbit Visit

Diagnostics

(Visit 58) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 58) Warning (Orbit Planner): VISIBILITY OVERRUN

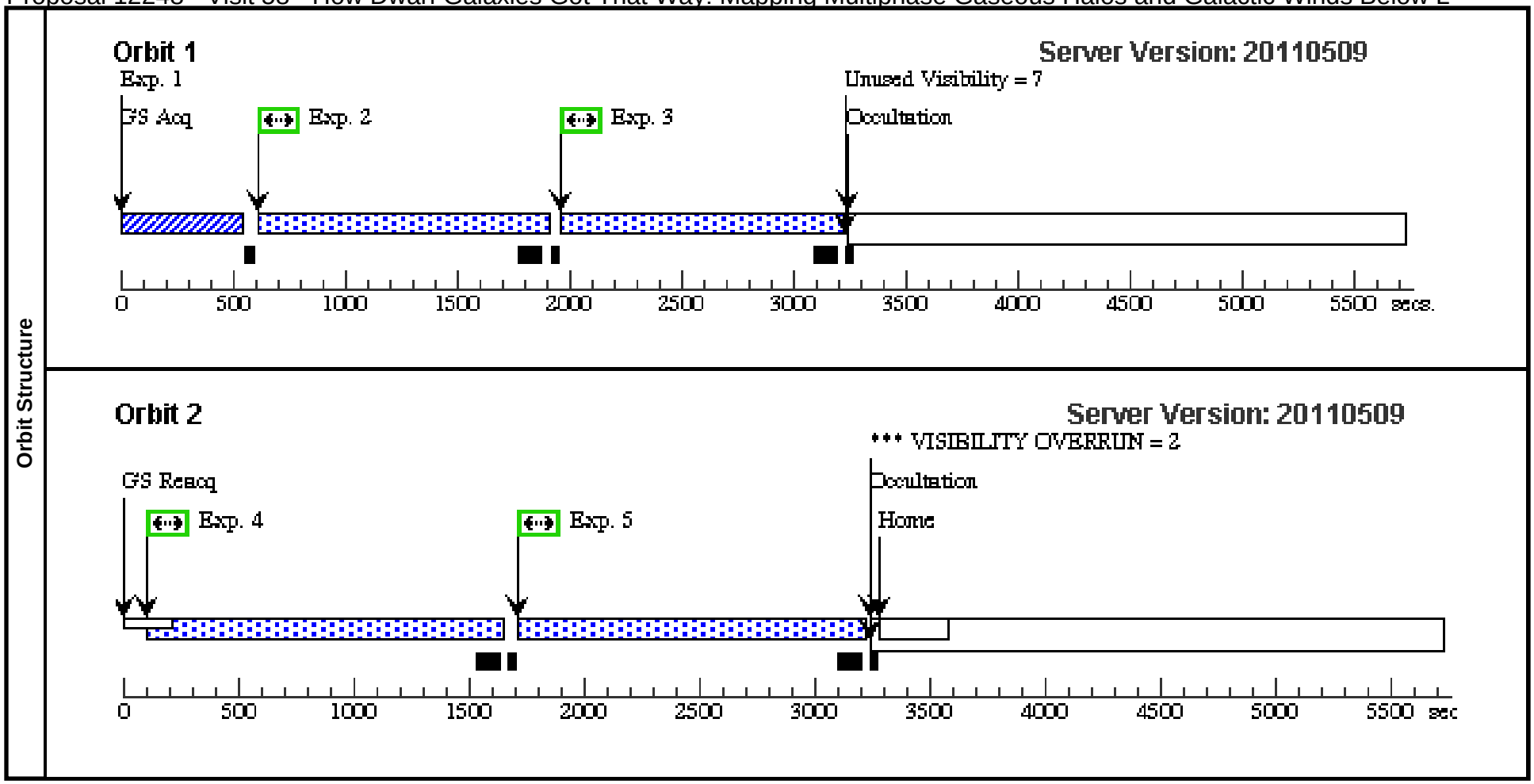
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	SDSSJ082633.51+074248.3	RA: 08 26 33.5040 (126.6396000d) Dec: +07 42 48.24 (7.71340d) Equinox: J2000		V=16.8200+/-0.1 FUV = 17.23	Reference Frame: ICRS

Comments: z = 0.311

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(8) SDSSJ082633.51 +074248.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs *[==>]*	*[1]*
2		(8) SDSSJ082633.51 +074248.3	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1023; FLASH=YES			1134.0 Secs *[==>]*	*[1]*
3		(8) SDSSJ082633.51 +074248.3	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=1023; FLASH=YES			1133.0 Secs *[==>]*	*[1]*
4		(8) SDSSJ082633.51 +074248.3	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1280; FLASH=YES			1389.0 Secs *[==>]*	*[2]*
5		(8) SDSSJ082633.51 +074248.3	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=1280; FLASH=YES			1389.0 Secs *[==>]*	*[2]*


Orbit Structure
Orbit 1
Server Version: 20110509
Exp. 1
GS Acq
Exp. 2
Exp. 3
Unused Visibility = 7
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 2
Server Version: 20110509
*** VISIBILITY OVERRUN = 2
GS Reacq
Exp. 4
Exp. 5
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500

Visit

Proposal 12248, Visit 59, completed Fri Jul 15 01:11:22 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Comments: Archetypal 3-orbit Visit

Diagnostics

(Visit 59) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 59) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

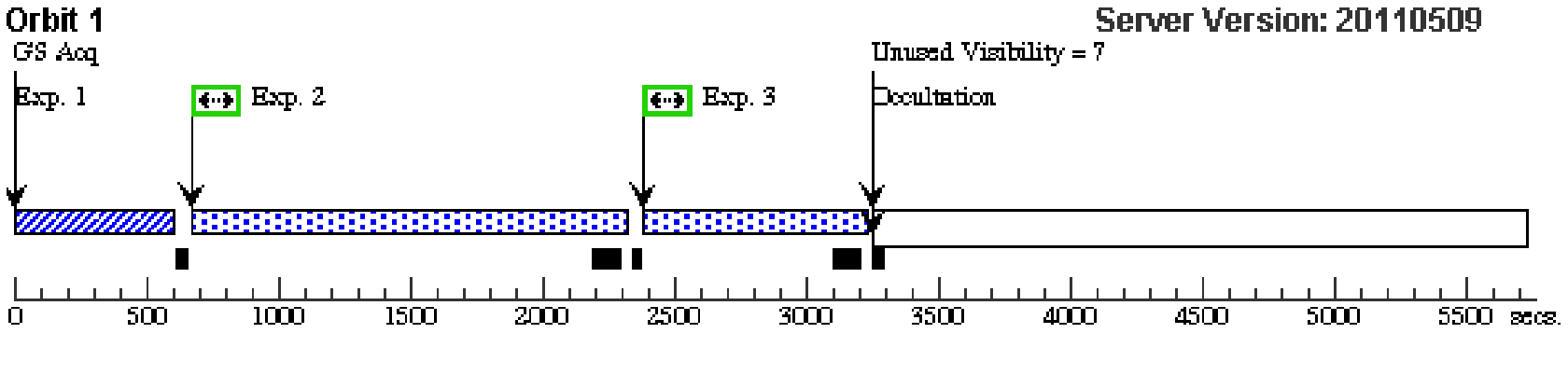
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	SDSSJ145108.76+270926.9	RA: 14 51 8.6400 (222.7860000d) Dec: +27 09 27.00 (27.15750d) Equinox: J2000		V=15.5400+/-0.1 FUV = 17.27	Reference Frame: ICRS

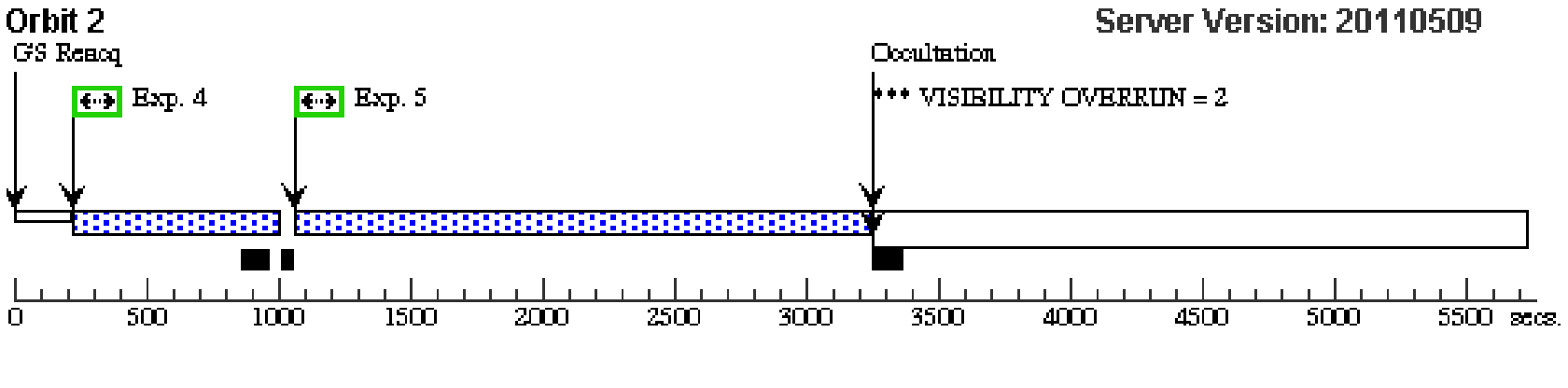
Comments: z = 0.064

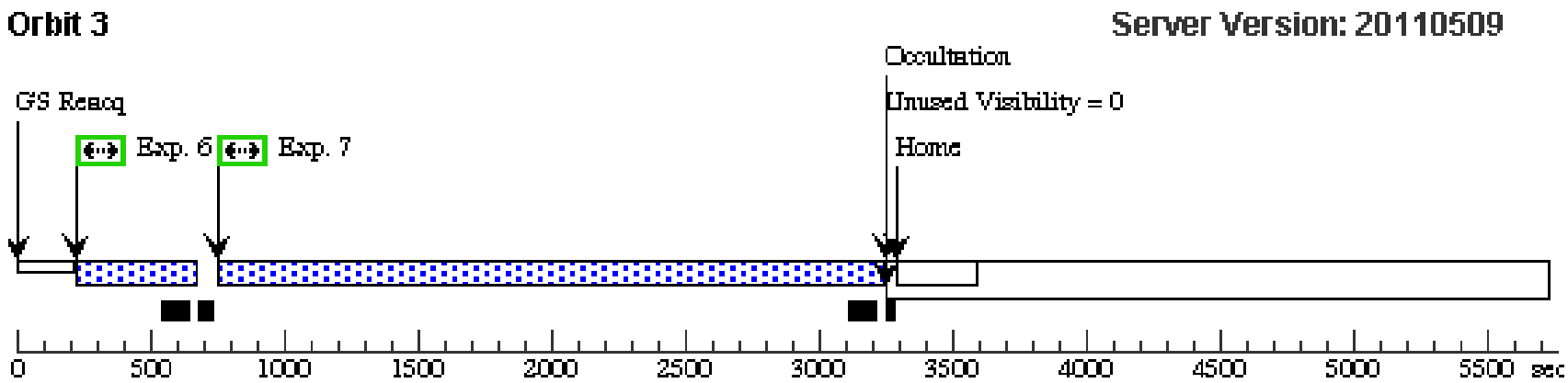
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(9) SDSSJ145108.76 +270926.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(9) SDSSJ145108.76 +270926.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1381; FLASH=YES			1491.0 Secs *[==>]*	***[1]***
3		(9) SDSSJ145108.76 +270926.9	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=621; FLASH=YES			731.0 Secs *[==>]*	***[1]***
4		(9) SDSSJ145108.76 +270926.9	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=614; FLASH=YES			724 Secs *[==>]*	***[2]***
5		(9) SDSSJ145108.76 +270926.9	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2009; FLASH=YES			2019.0 Secs *[==>]*	***[2]***
6		(9) SDSSJ145108.76 +270926.9	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=290; FLASH=YES			400 Secs *[==>]*	***[3]***
7		(9) SDSSJ145108.76 +270926.9	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2364 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 60, completed Fri Jul 15 01:11:23 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 60) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 60) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

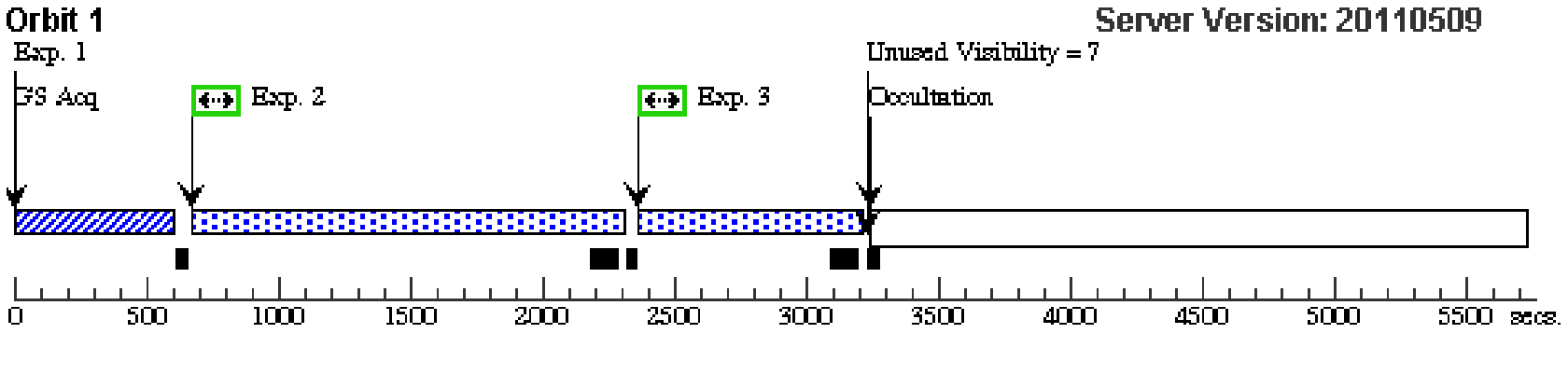
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	SDSSJ134206.56+050523.8	RA: 13 42 6.4800 (205.5270000d) Dec: +05 05 24.00 (5.09000d) Equinox: J2000		V=17.2800+/-0.1 FUV = 17.28	Reference Frame: ICRS

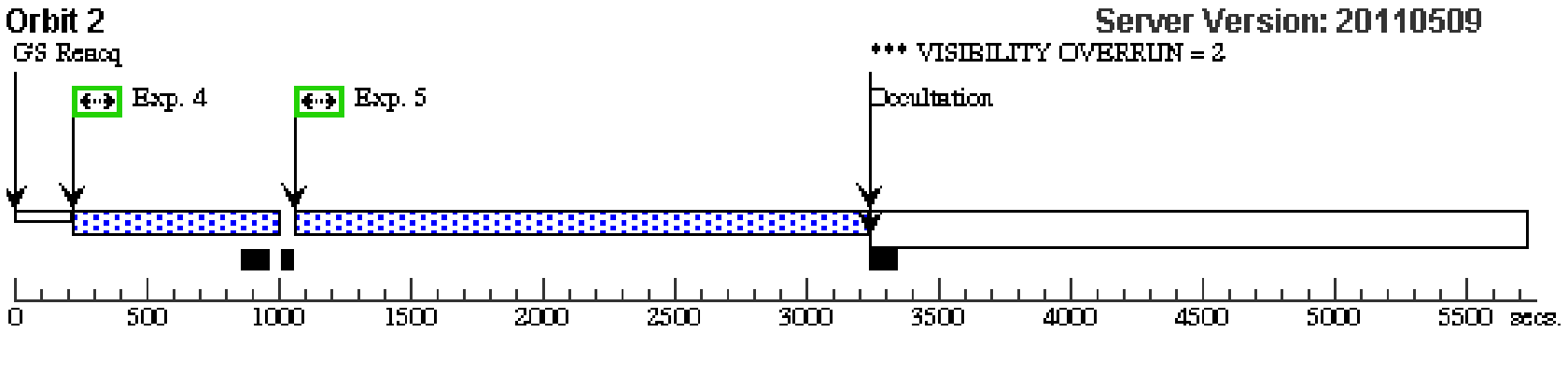
Comments: z = 0.266

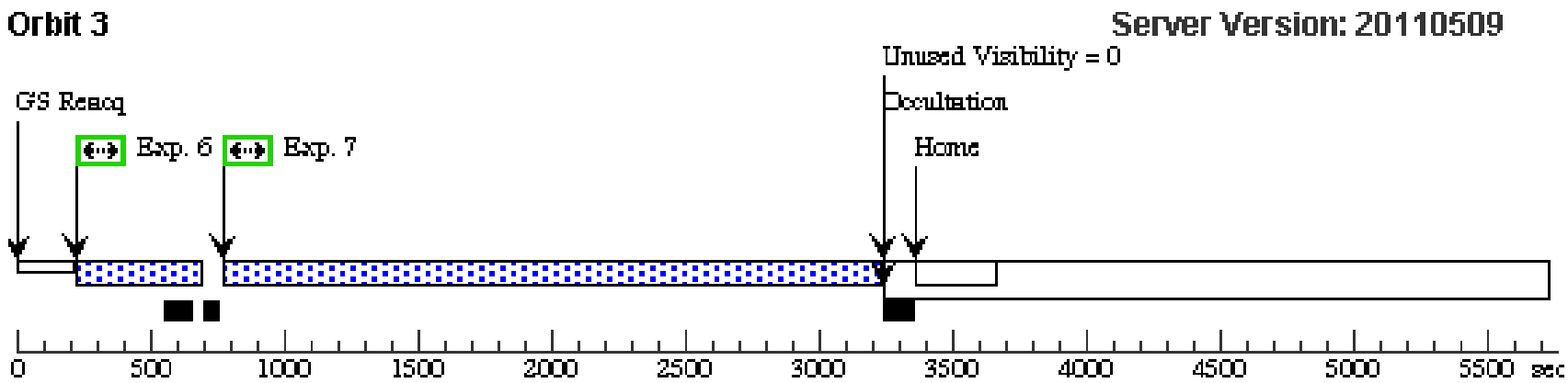
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(10) SDSSJ134206.56+050523.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(10) SDSSJ134206.56+050523.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1366; FLASH=YES			1476.0 Secs *[==>]*	***[1]***
3		(10) SDSSJ134206.56+050523.8	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=621; FLASH=YES			731.0 Secs *[==>]*	***[1]***
4		(10) SDSSJ134206.56+050523.8	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=614; FLASH=YES			724 Secs *[==>]*	***[2]***
5		(10) SDSSJ134206.56+050523.8	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2004.0 Secs *[==>]*	***[2]***
6		(10) SDSSJ134206.56+050523.8	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=305; FLASH=YES			415 Secs *[==>]*	***[3]***
7		(10) SDSSJ134206.56+050523.8	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2334 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 61, scheduled Fri Jul 15 01:11:23 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 61) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 61) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

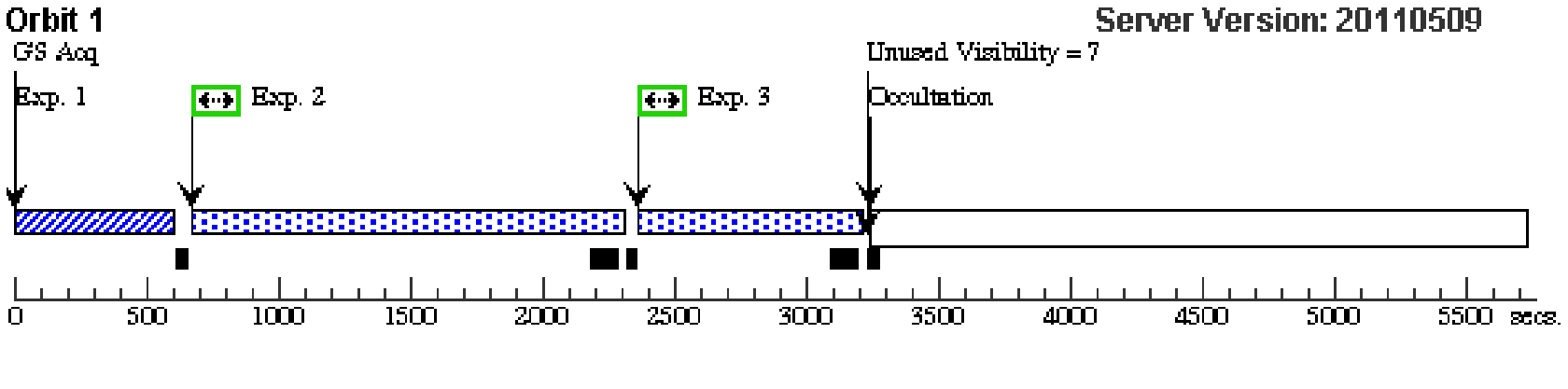
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	SDSSJ154553.48+093620.5	RA: 15 45 53.6400 (236.4735000d) Dec: +09 36 20.52 (9.60570d) Equinox: J2000		V=16.5100+/-0.1 FUV = 17.34	Reference Frame: ICRS

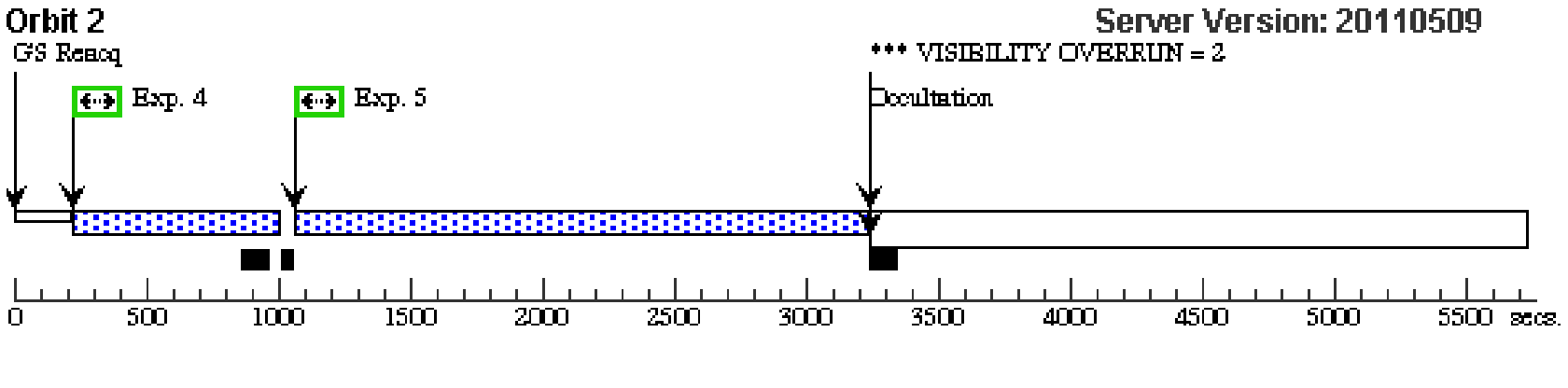
Comments: z = 0.665

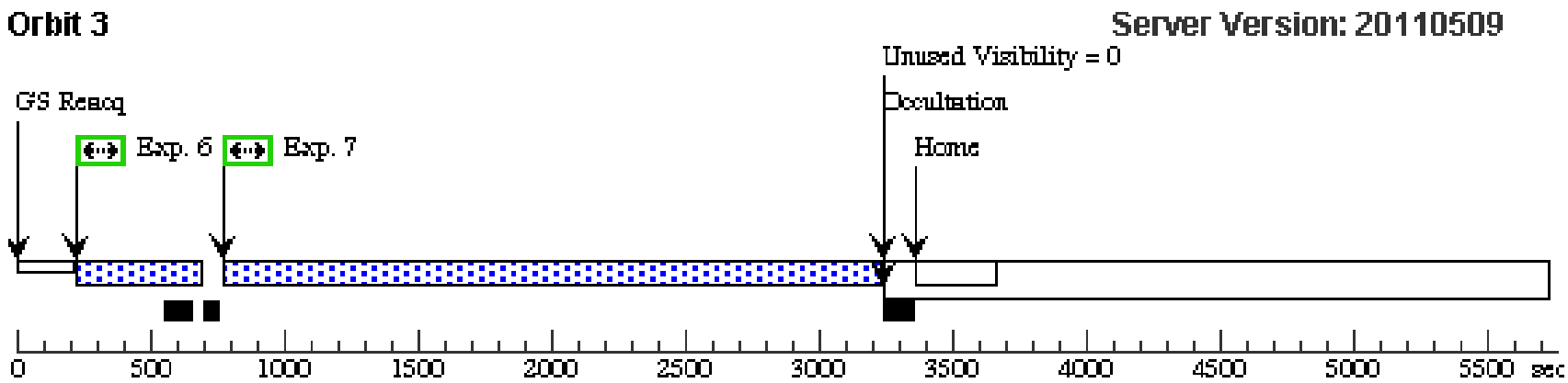
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(11) SDSSJ154553.48+093620.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(11) SDSSJ154553.48+093620.5	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1366; FLASH=YES			1476.0 Secs *[==>]*	***[1]***
3		(11) SDSSJ154553.48+093620.5	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=621; FLASH=YES			731.0 Secs *[==>]*	***[1]***
4		(11) SDSSJ154553.48+093620.5	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=614; FLASH=YES			724 Secs *[==>]*	***[2]***
5		(11) SDSSJ154553.48+093620.5	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2004.0 Secs *[==>]*	***[2]***
6		(11) SDSSJ154553.48+093620.5	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=305; FLASH=YES			415 Secs *[==>]*	***[3]***
7		(11) SDSSJ154553.48+093620.5	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2254; FLASH=YES			2334 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 62, completed Fri Jul 15 01:11:24 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 62) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 62) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

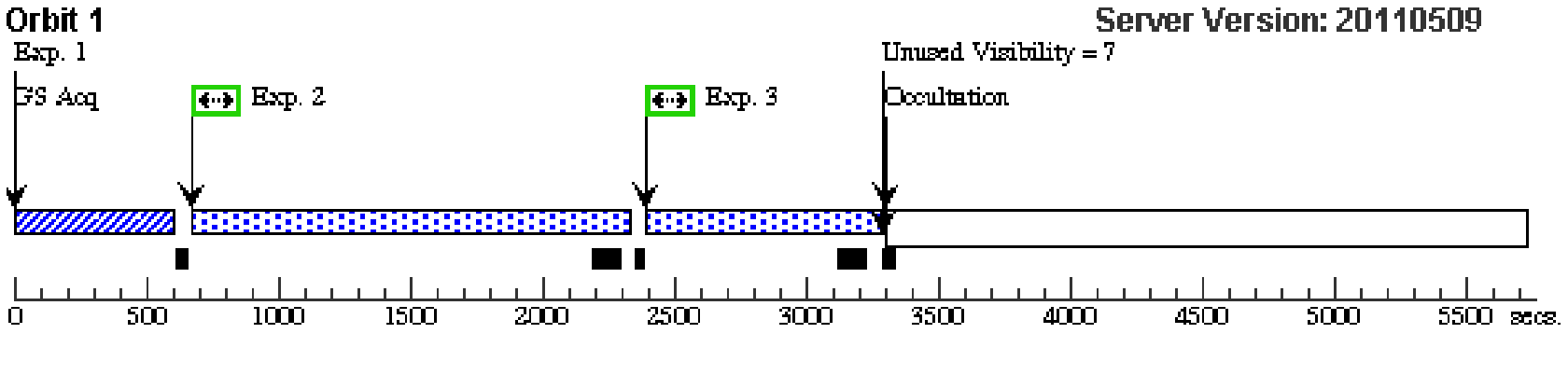
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	SDSSJ121114.56+365739.5	RA: 12 11 14.6400 (182.8110000d) Dec: +36 57 39.60 (36.96100d) Equinox: J2000		V=16.8300+/-0.1 FUV = 17.35	Reference Frame: ICRS

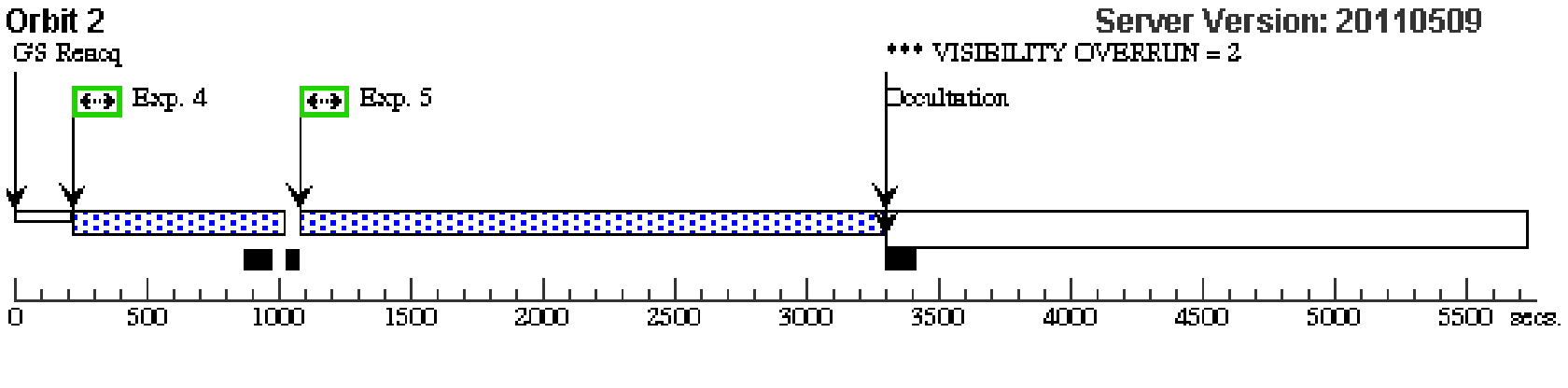
Comments: z = 0.171

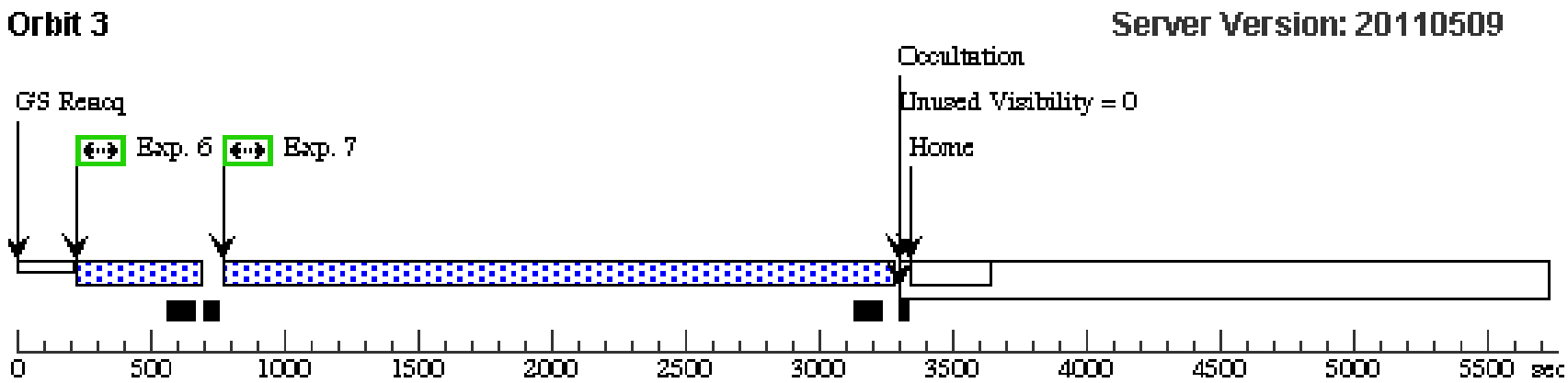
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(12) SDSSJ121114.56+365739.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(12) SDSSJ121114.56+365739.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1381; FLASH=YES			1500.0 Secs *[==>]*	***[1]***
3		(12) SDSSJ121114.56+365739.5	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=631; FLASH=YES			766.0 Secs *[==>]*	***[1]***
4		(12) SDSSJ121114.56+365739.5	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=626; FLASH=YES			746 Secs *[==>]*	***[2]***
5		(12) SDSSJ121114.56+365739.5	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2041.0 Secs *[==>]*	***[2]***
6		(12) SDSSJ121114.56+365739.5	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=312; FLASH=YES			422 Secs *[==>]*	***[3]***
7		(12) SDSSJ121114.56+365739.5	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2386 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 63, completed Fri Jul 15 01:11:24 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 63) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 63) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

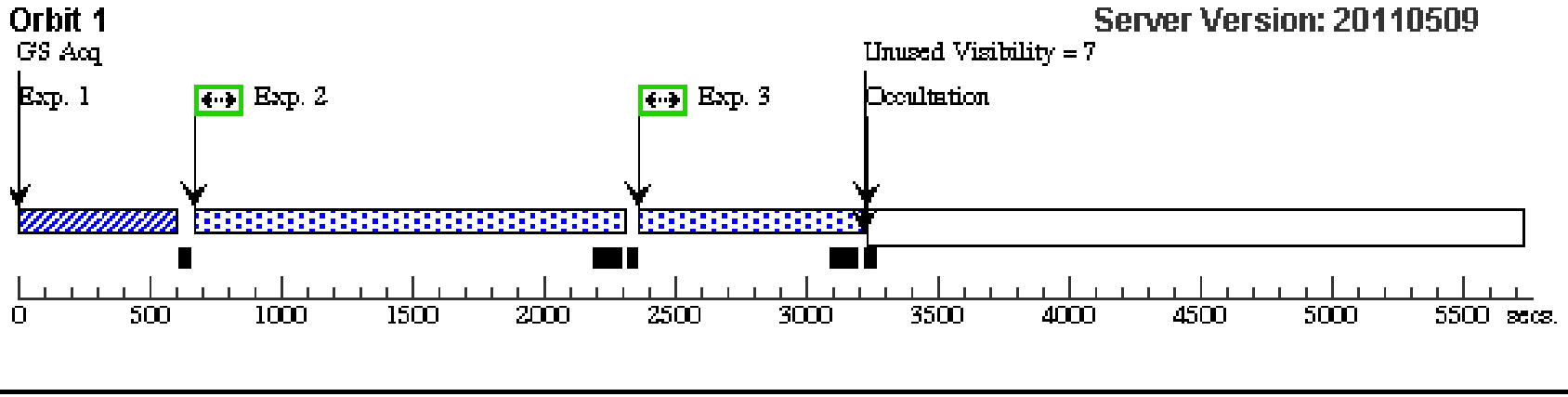
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	SDSSJ112114.22+032546.7	RA: 11 21 14.0400 (170.3085000d) Dec: +03 25 46.92 (3.42970d) Equinox: J2000		V=17.5800+/-0.1 FUV = 17.36	Reference Frame: ICRS

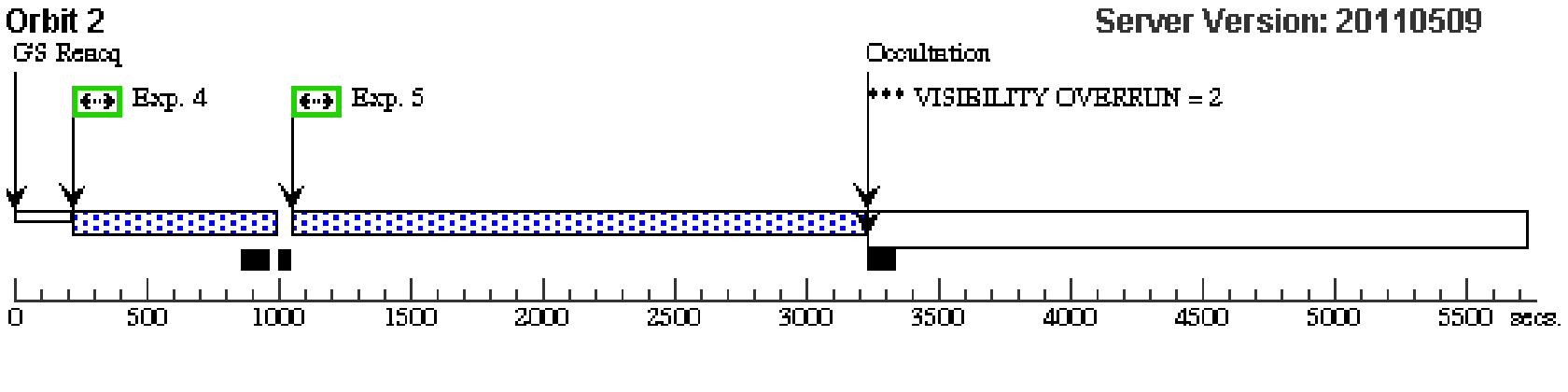
Comments: z = 0.152

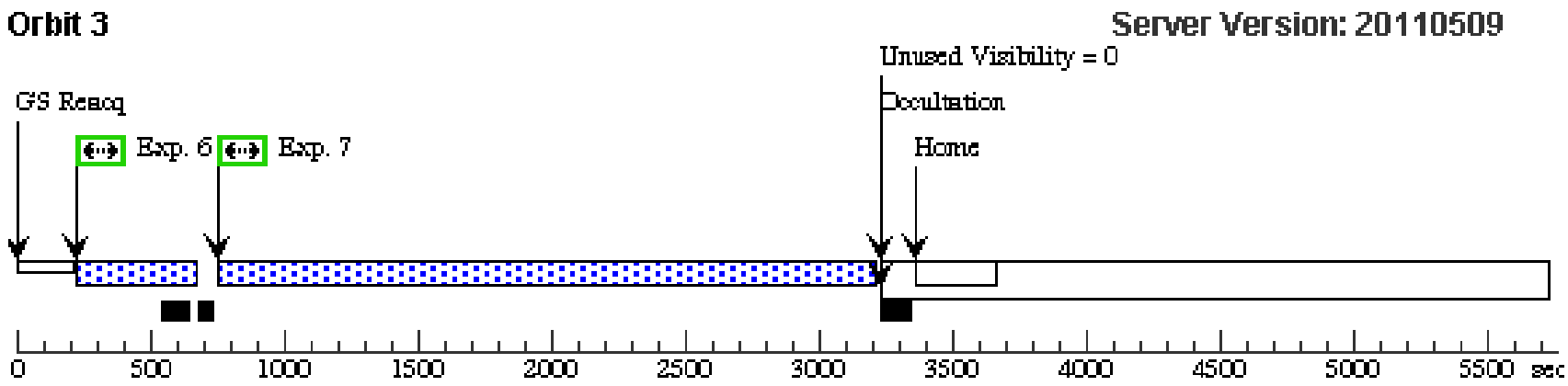
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(13) SDSSJ112114.22+032546.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(13) SDSSJ112114.22+032546.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1381; FLASH=YES			1475.0 Secs *[==>]*	***[1]***
3		(13) SDSSJ112114.22+032546.7	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=621; FLASH=YES			724.0 Secs *[==>]*	***[1]***
4		(13) SDSSJ112114.22+032546.7	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=614; FLASH=YES			720 Secs *[==>]*	***[2]***
5		(13) SDSSJ112114.22+032546.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2000.0 Secs *[==>]*	***[2]***
6		(13) SDSSJ112114.22+032546.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=290; FLASH=YES			400 Secs *[==>]*	***[3]***
7		(13) SDSSJ112114.22+032546.7	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2341 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 64, scheduled Fri Jul 15 01:11:25 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 64) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 64) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

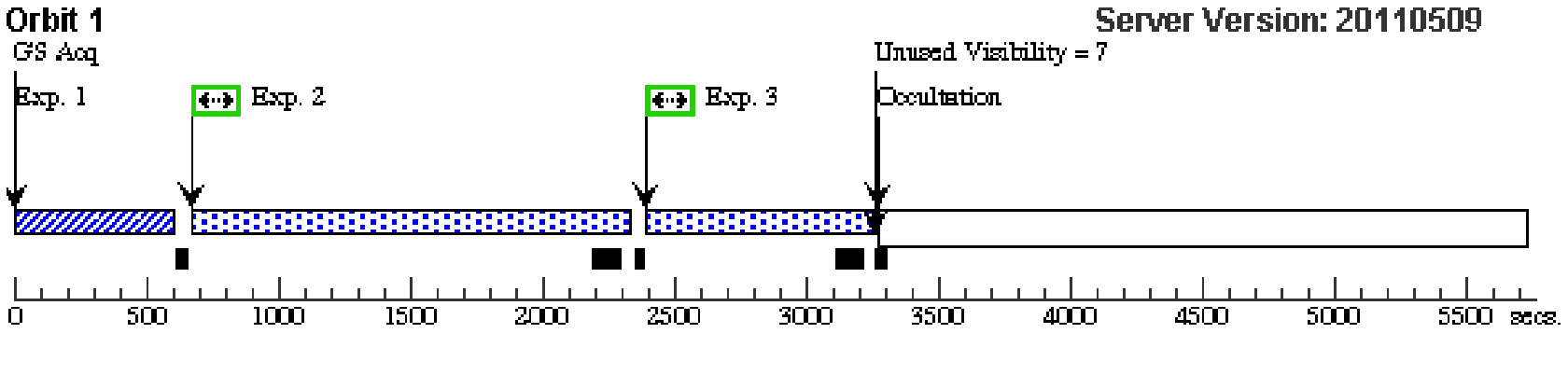
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	SDSSJ121037.56+315706.0	RA: 12 10 37.5600 (182.6565000d) Dec: +31 57 6.12 (31.95170d) Equinox: J2000		V=16.6100+/-0.1 FUV = 17.39	Reference Frame: ICRS

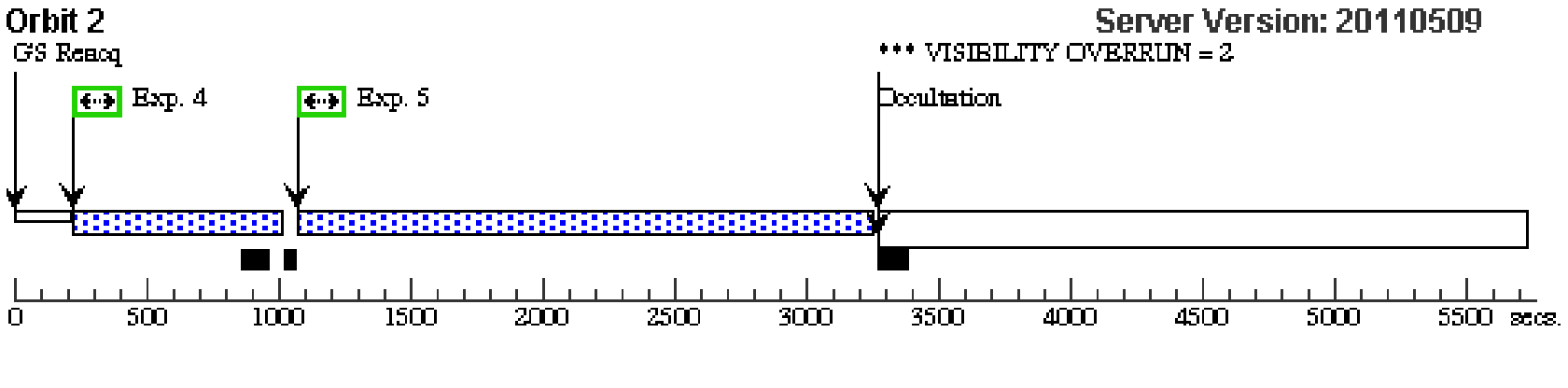
Comments: z = 0.389

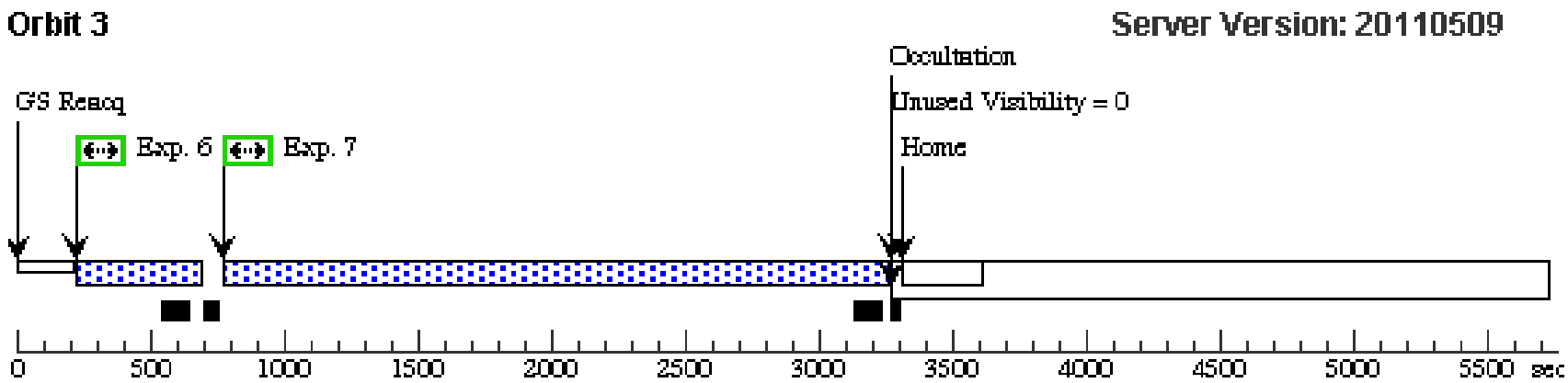
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(14) SDSSJ121037.56+315706.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(14) SDSSJ121037.56+315706.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1381; FLASH=YES			1500.0 Secs *[==>]*	***[1]***
3		(14) SDSSJ121037.56+315706.0	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=621; FLASH=YES			740.0 Secs *[==>]*	***[1]***
4		(14) SDSSJ121037.56+315706.0	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=614; FLASH=YES			742 Secs *[==>]*	***[2]***
5		(14) SDSSJ121037.56+315706.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2019.0 Secs *[==>]*	***[2]***
6		(14) SDSSJ121037.56+315706.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=290; FLASH=YES			418 Secs *[==>]*	***[3]***
7		(14) SDSSJ121037.56+315706.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2364 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 65, completed Fri Jul 15 01:11:25 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 65) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 65) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

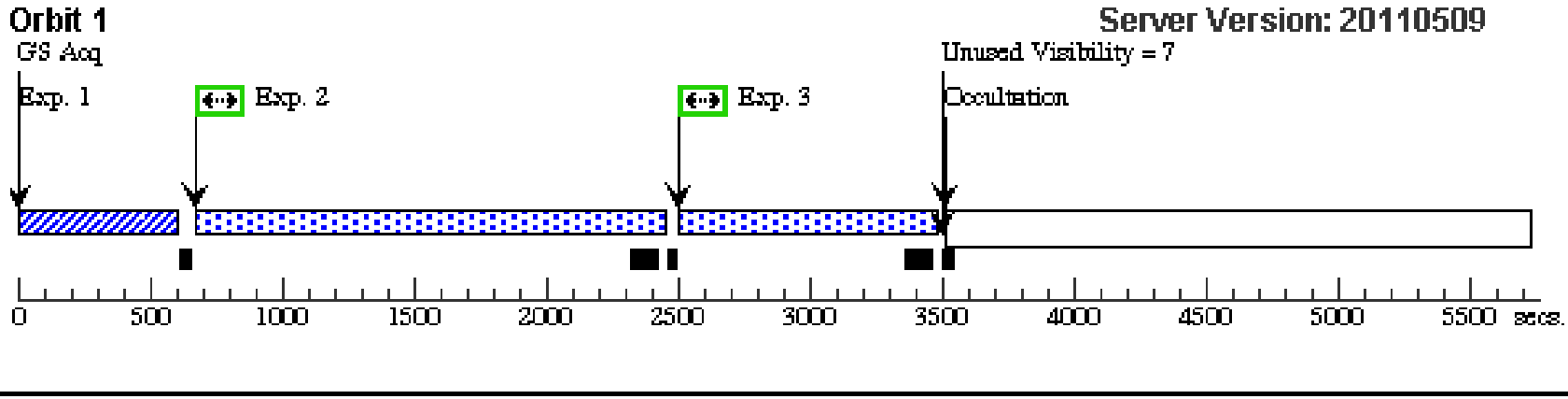
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	SDSSJ100102.55+594414.3	RA: 10 01 2.6400 (150.2610000d) Dec: +59 44 14.28 (59.73730d) Equinox: J2000		V=16.0800+/-0.1 FUV = 17.40	Reference Frame: ICRS

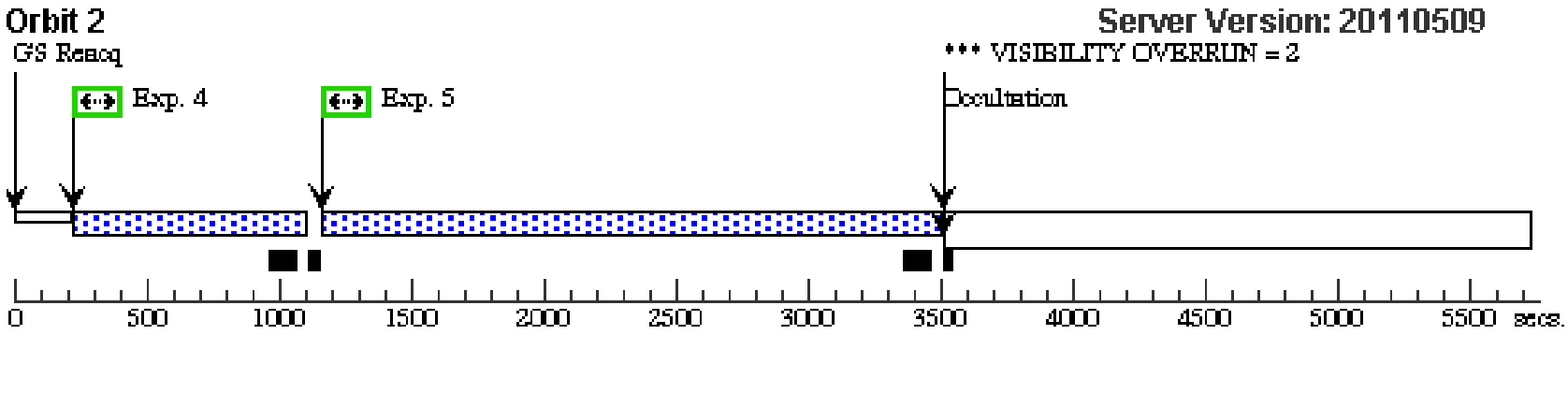
Comments: z = 0.746

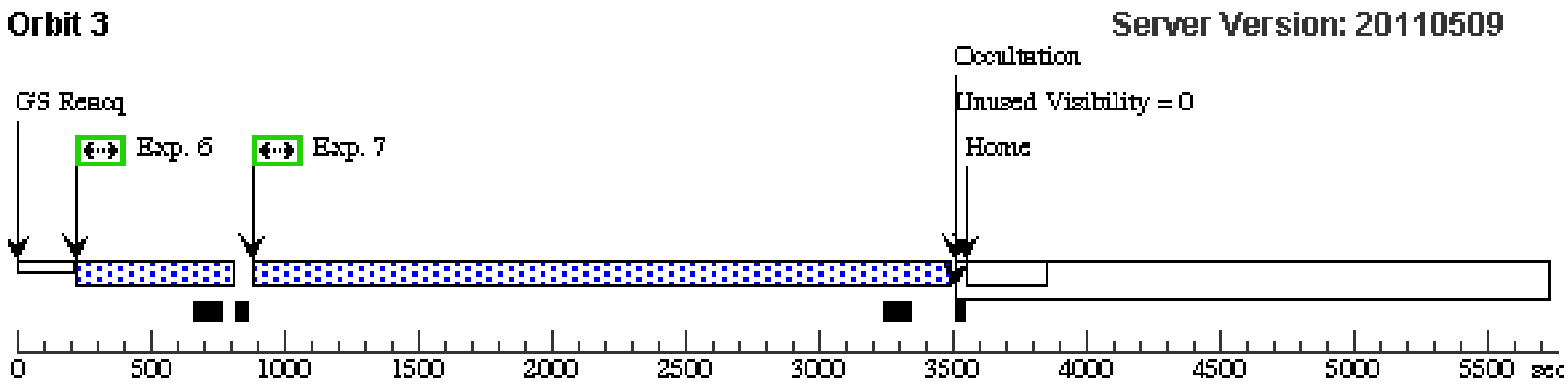
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(15) SDSSJ100102.55+594414.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(15) SDSSJ100102.55+594414.3	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1508; FLASH=YES			1618.0 Secs *[==>]*	***[1]***
3		(15) SDSSJ100102.55+594414.3	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=748; FLASH=YES			858.0 Secs *[==>]*	***[1]***
4		(15) SDSSJ100102.55+594414.3	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=714; FLASH=YES			824 Secs *[==>]*	***[2]***
5		(15) SDSSJ100102.55+594414.3	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2063; FLASH=YES			2173.0 Secs *[==>]*	***[2]***
6		(15) SDSSJ100102.55+594414.3	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=417; FLASH=YES			537 Secs *[==>]*	***[3]***
7		(15) SDSSJ100102.55+594414.3	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2491 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 66, scheduling Fri Jul 15 01:11:26 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 66) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 66) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

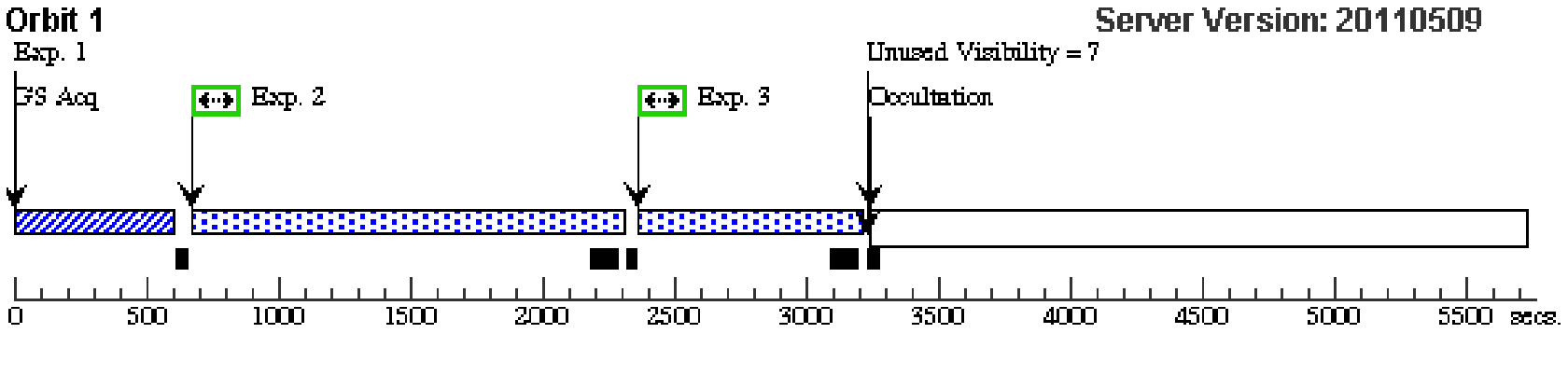
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	SDSSJ015530.02-085704.0	RA: 01 55 30.0360 (28.8751500d) Dec: -08 57 3.96 (-8.95110d) Equinox: J2000		V=16.9600+/-0.1 FUV = 17.43	Reference Frame: ICRS

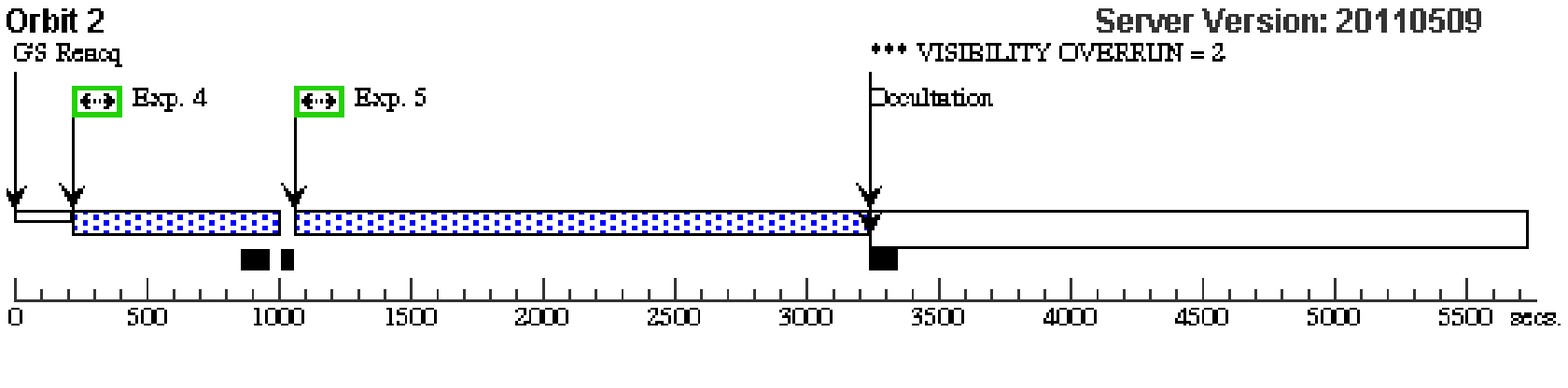
Comments: z = 0.165

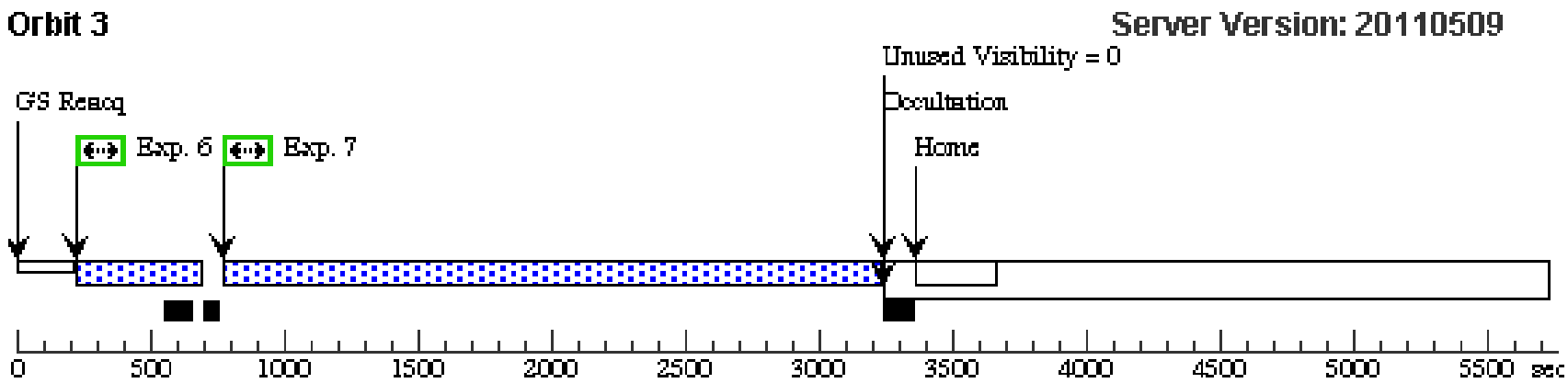
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(16) SDSSJ015530.02-085704.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(16) SDSSJ015530.02-085704.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1366; FLASH=YES			1476.0 Secs *[==>]*	***[1]***
3		(16) SDSSJ015530.02-085704.0	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=621; FLASH=YES			731.0 Secs *[==>]*	***[1]***
4		(16) SDSSJ015530.02-085704.0	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=614; FLASH=YES			724 Secs *[==>]*	***[2]***
5		(16) SDSSJ015530.02-085704.0	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2009; FLASH=YES			2004.0 Secs *[==>]*	***[2]***
6		(16) SDSSJ015530.02-085704.0	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=305; FLASH=YES			415 Secs *[==>]*	***[3]***
7		(16) SDSSJ015530.02-085704.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2334 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 67, scheduling Fri Jul 15 01:11:26 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 67) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 67) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

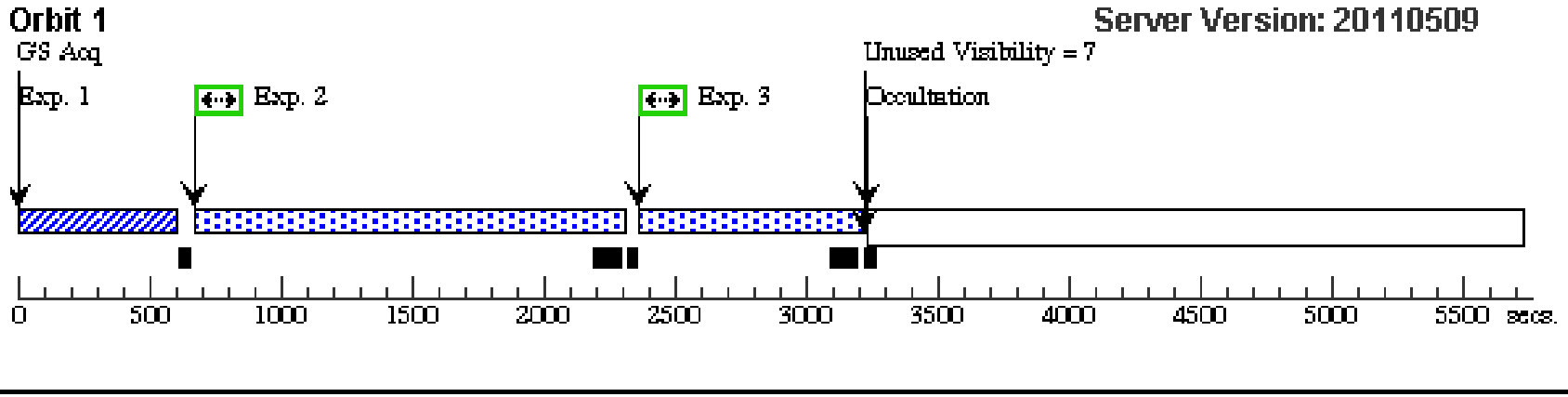
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(17)	SDSSJ025937.46+003736.3	RA: 02 59 37.4640 (44.9061000d) Dec: +00 37 36.48 (.62680d) Equinox: J2000		V=16.5100+/-0.1 FUV = 17.46	Reference Frame: ICRS

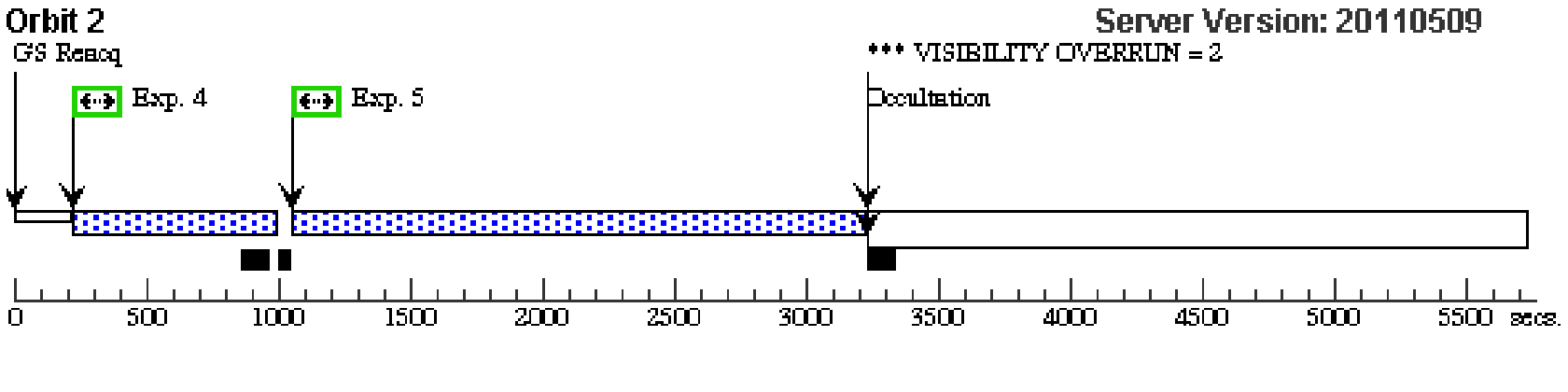
Comments: z = 0.534

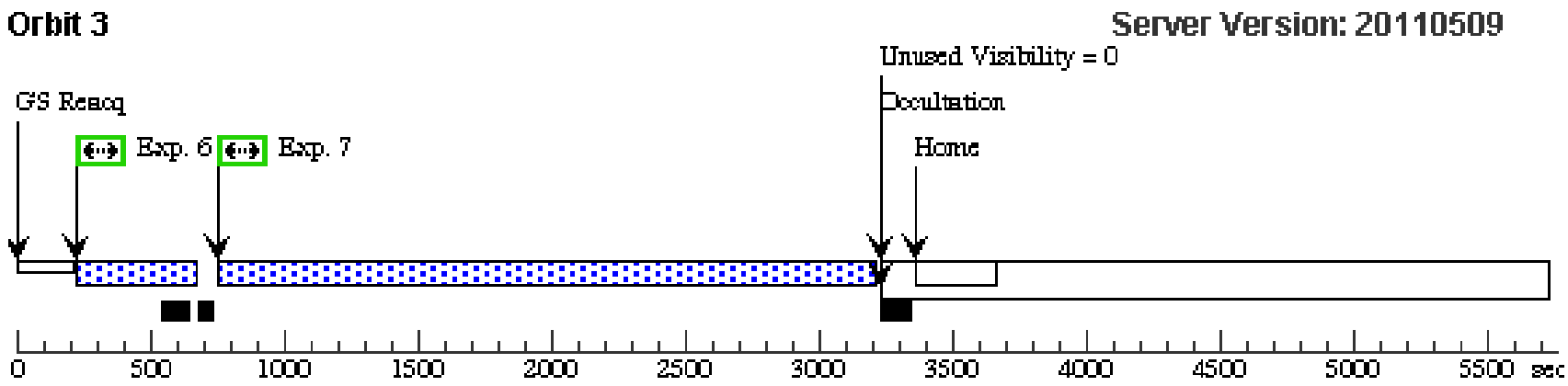
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(17) SDSSJ025937.46+003736.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(17) SDSSJ025937.46+003736.3	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1381; FLASH=YES			1475.0 Secs *[==>]*	***[1]***
3		(17) SDSSJ025937.46+003736.3	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=621; FLASH=YES			724.0 Secs *[==>]*	***[1]***
4		(17) SDSSJ025937.46+003736.3	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=614; FLASH=YES			720 Secs *[==>]*	***[2]***
5		(17) SDSSJ025937.46+003736.3	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2000.0 Secs *[==>]*	***[2]***
6		(17) SDSSJ025937.46+003736.3	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=290; FLASH=YES			400 Secs *[==>]*	***[3]***
7		(17) SDSSJ025937.46+003736.3	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2341 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 68, scheduling Fri Jul 15 01:11:27 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 68) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 68) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

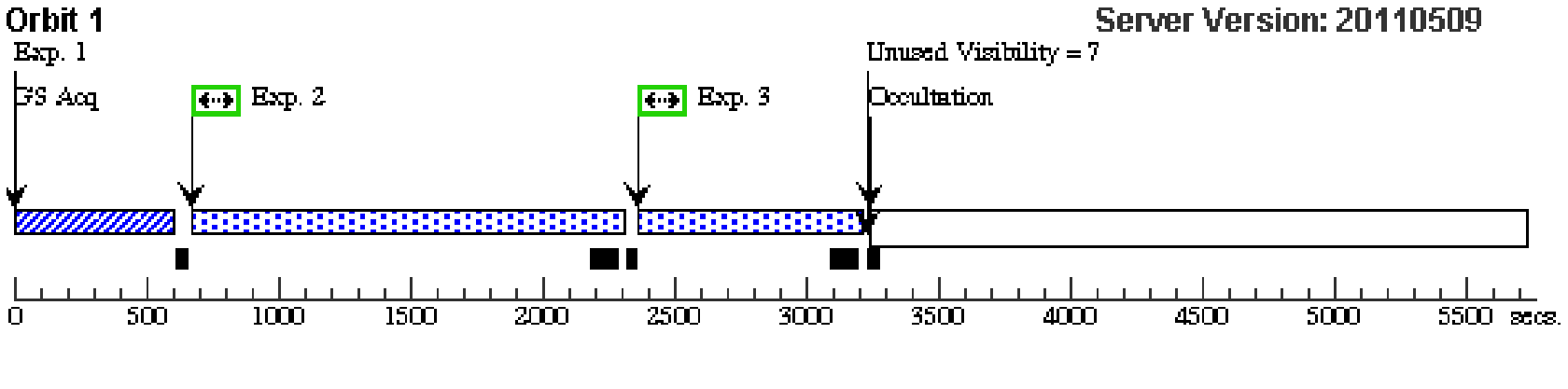
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	SDSSJ095915.65+050355.1	RA: 09 59 15.6480 (149.8152000d) Dec: +05 03 55.08 (5.06530d) Equinox: J2000		V=17.2100+/-0.1 FUV = 17.46	Reference Frame: ICRS

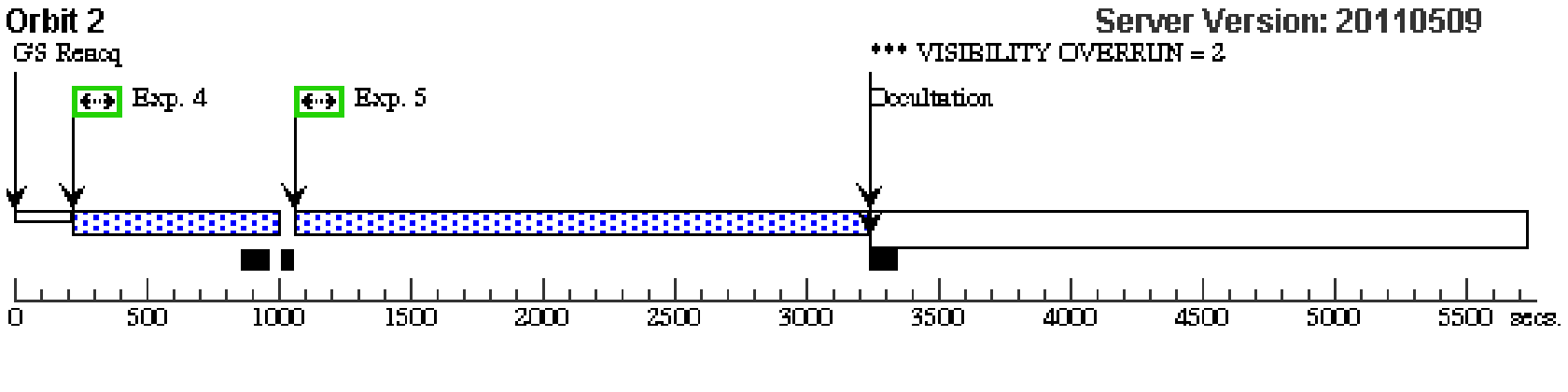
Comments: z = 0.162

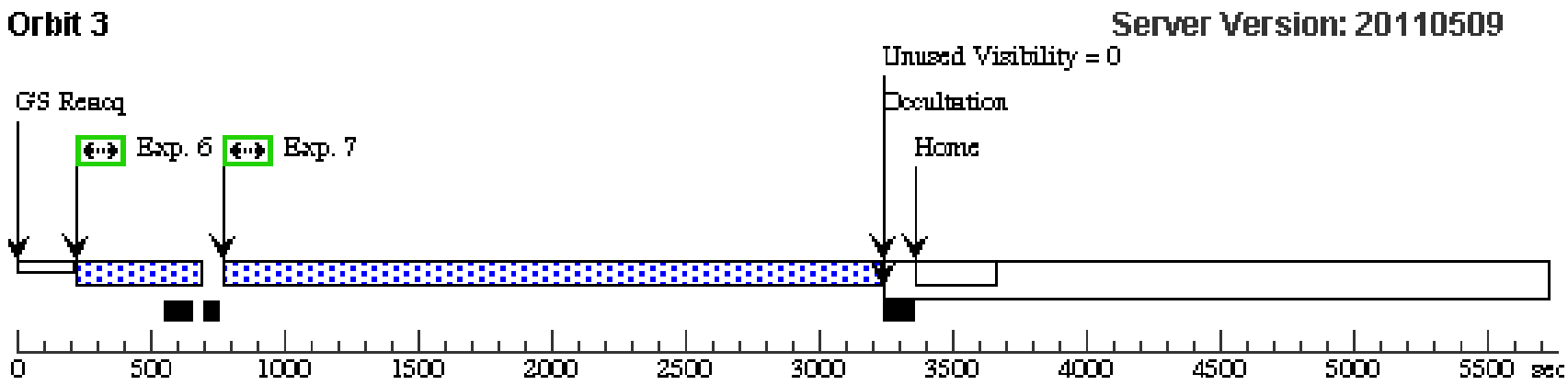
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(18) SDSSJ095915.65+050355.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(18) SDSSJ095915.65+050355.1	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1366; FLASH=YES			1476.0 Secs *[==>]*	***[1]***
3		(18) SDSSJ095915.65+050355.1	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=621; FLASH=YES			731.0 Secs *[==>]*	***[1]***
4		(18) SDSSJ095915.65+050355.1	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=614; FLASH=YES			724 Secs *[==>]*	***[2]***
5		(18) SDSSJ095915.65+050355.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2004.0 Secs *[==>]*	***[2]***
6		(18) SDSSJ095915.65+050355.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=305; FLASH=YES			415 Secs *[==>]*	***[3]***
7		(18) SDSSJ095915.65+050355.1	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2254; FLASH=YES			2334 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 69, scheduled Fri Jul 15 01:11:27 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 69) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 69) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

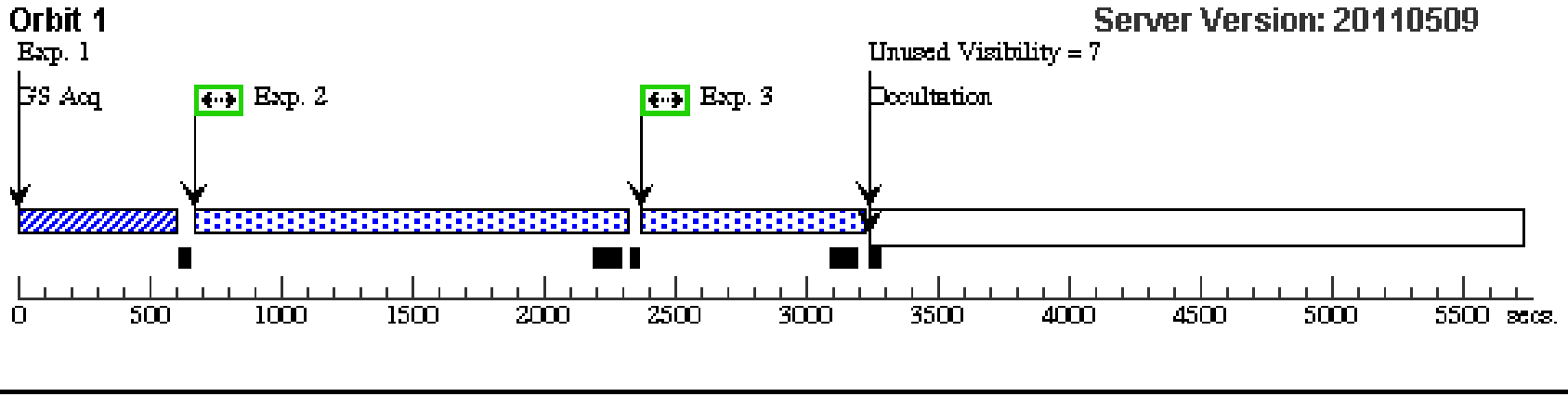
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	SDSSJ134246.89+184443.6	RA: 13 42 46.8000 (205.6950000d) Dec: +18 44 43.80 (18.74550d) Equinox: J2000		V=17.2400+/-0.1 FUV = 17.48	Reference Frame: ICRS

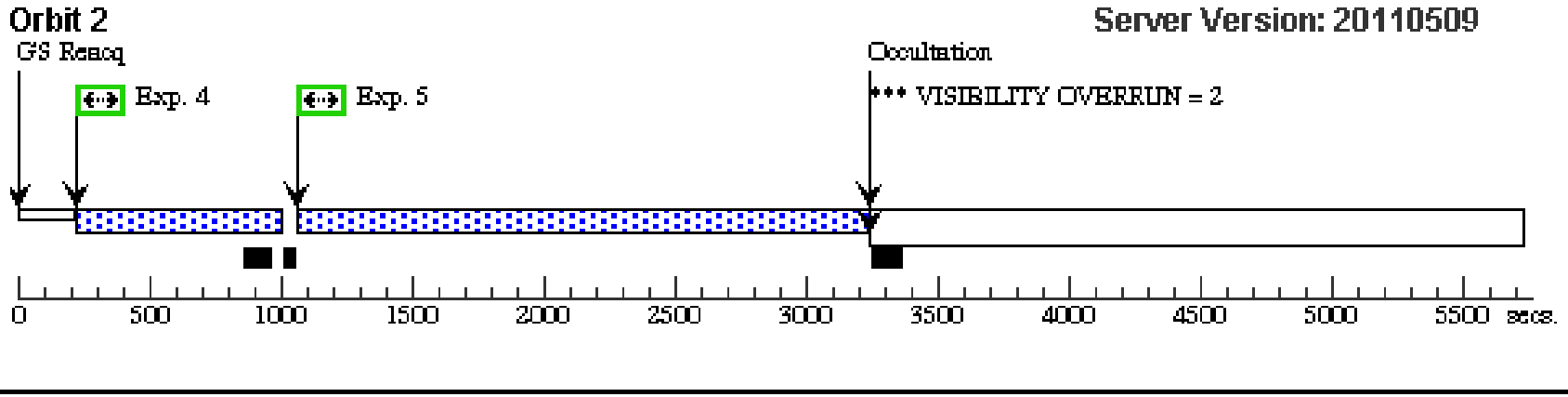
Comments: z = 0.383

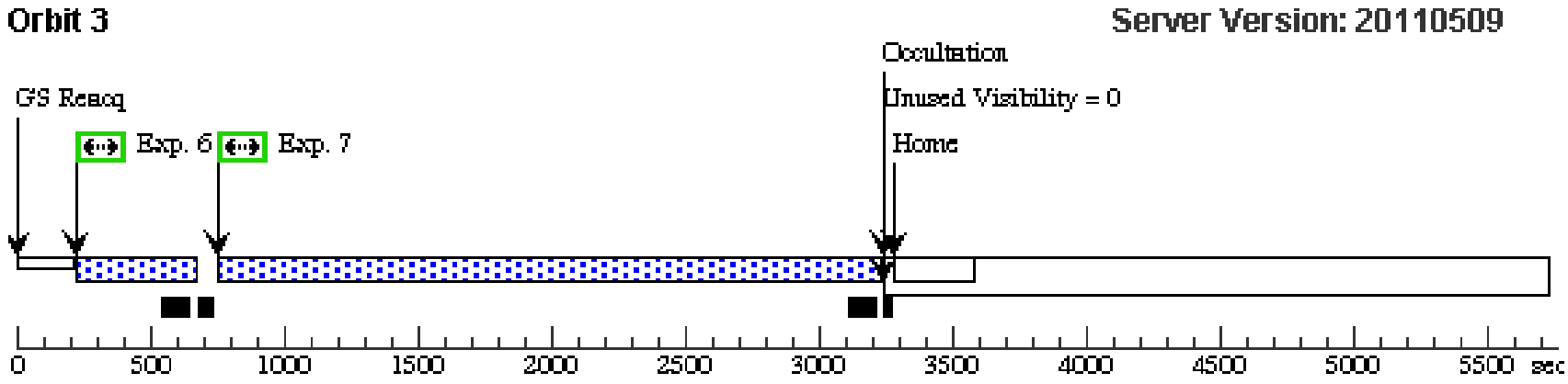
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(19) SDSSJ134246.89+184443.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(19) SDSSJ134246.89+184443.6	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1381; FLASH=YES			1483.0 Secs *[==>]*	***[1]***
3		(19) SDSSJ134246.89+184443.6	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=621; FLASH=YES			731.0 Secs *[==>]*	***[1]***
4		(19) SDSSJ134246.89+184443.6	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=614; FLASH=YES			724 Secs *[==>]*	***[2]***
5		(19) SDSSJ134246.89+184443.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2011.0 Secs *[==>]*	***[2]***
6		(19) SDSSJ134246.89+184443.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=290; FLASH=YES			400 Secs *[==>]*	***[3]***
7		(19) SDSSJ134246.89+184443.6	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2356 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 70, scheduling Fri Jul 15 01:11:28 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 70) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 70) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

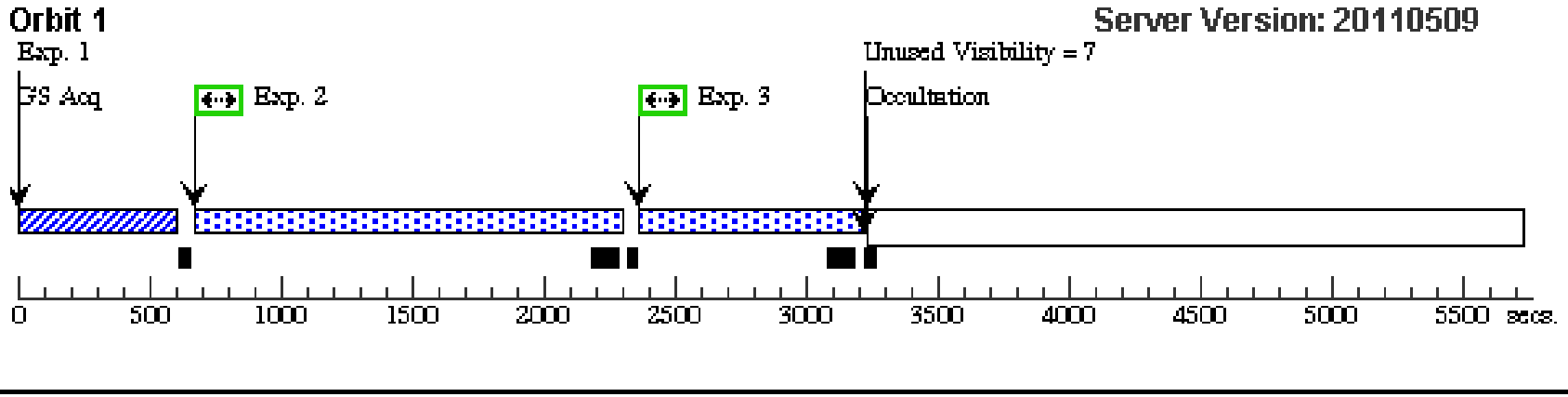
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	SDSSJ031027.82-004950.7	RA: 03 10 27.8040 (47.6158500d) Dec: -00 49 50.88 (-.83080d) Equinox: J2000		V=15.9700+/-0.1 FUV = 17.49	Reference Frame: ICRS

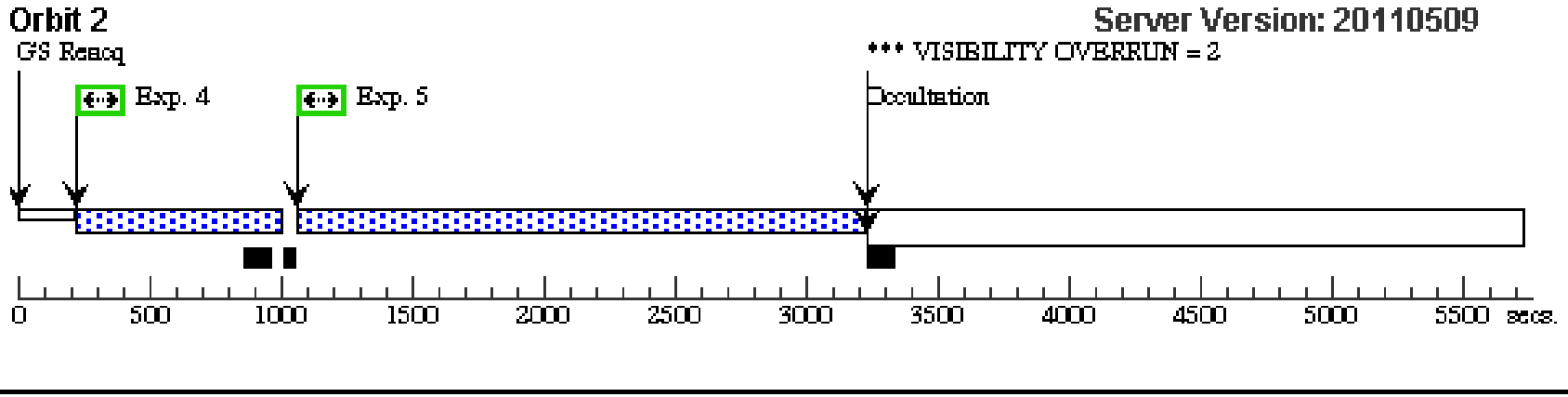
Comments: z = 0.080

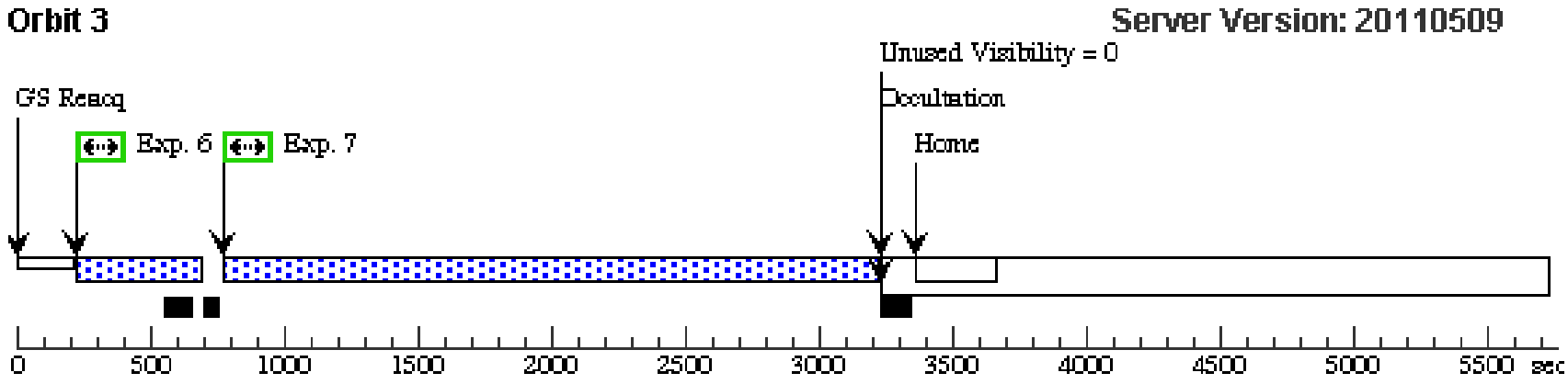
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(20) SDSSJ031027.82-004950.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(20) SDSSJ031027.82-004950.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1366; FLASH=YES			1472.0 Secs *[==>]*	***[1]***
3		(20) SDSSJ031027.82-004950.7	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=621; FLASH=YES			727.0 Secs *[==>]*	***[1]***
4		(20) SDSSJ031027.82-004950.7	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=614; FLASH=YES			724 Secs *[==>]*	***[2]***
5		(20) SDSSJ031027.82-004950.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			1996.0 Secs *[==>]*	***[2]***
6		(20) SDSSJ031027.82-004950.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=305; FLASH=YES			415 Secs *[==>]*	***[3]***
7		(20) SDSSJ031027.82-004950.7	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2326 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 71, completed Fri Jul 15 01:11:28 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 71) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 71) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

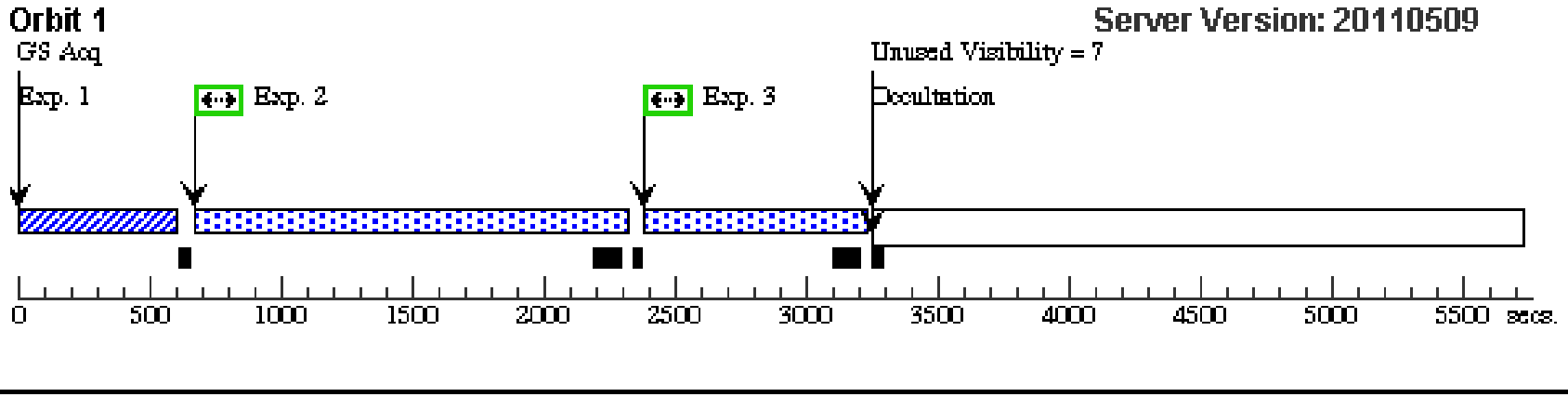
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(21)	SDSSJ111754.31+263416.6	RA: 11 17 54.2400 (169.4760000d) Dec: +26 34 16.68 (26.57130d) Equinox: J2000		V=16.8000+/-0.1 FUV = 17.51	Reference Frame: ICRS

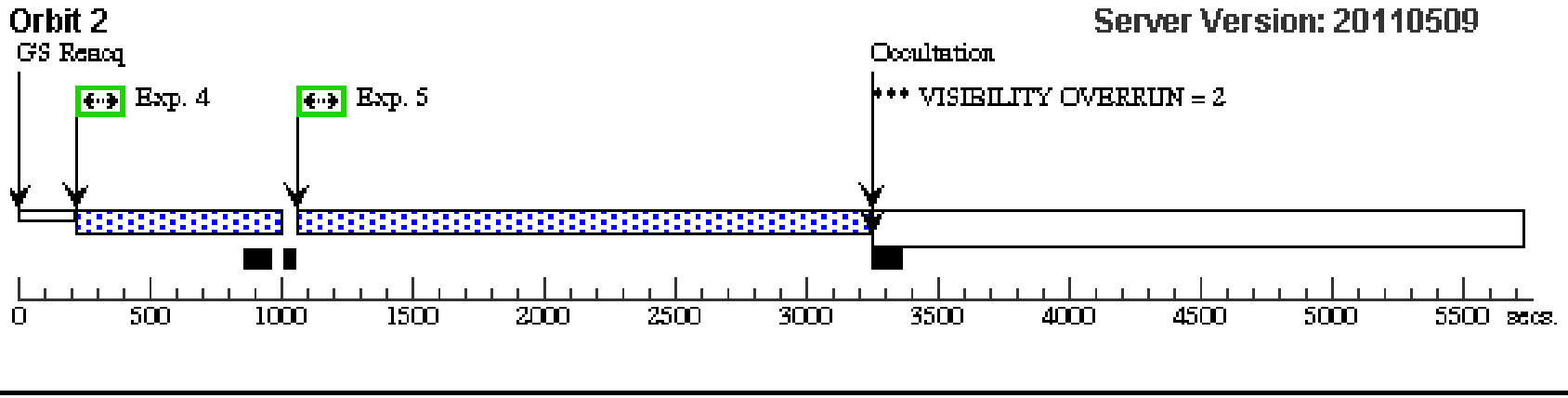
Comments: z = 0.421

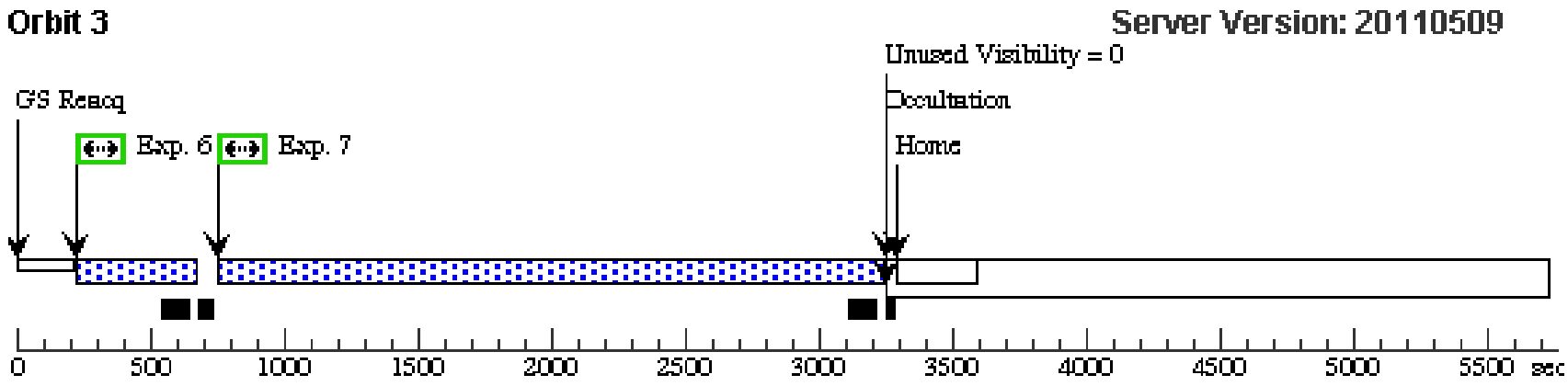
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(21) SDSSJ111754.31+263416.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(21) SDSSJ111754.31+263416.6	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1381; FLASH=YES			1491.0 Secs *[==>]*	***[1]***
3		(21) SDSSJ111754.31+263416.6	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=621; FLASH=YES			731.0 Secs *[==>]*	***[1]***
4		(21) SDSSJ111754.31+263416.6	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=614; FLASH=YES			724 Secs *[==>]*	***[2]***
5		(21) SDSSJ111754.31+263416.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2019.0 Secs *[==>]*	***[2]***
6		(21) SDSSJ111754.31+263416.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=290; FLASH=YES			400 Secs *[==>]*	***[3]***
7		(21) SDSSJ111754.31+263416.6	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2254; FLASH=YES			2364 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 72, completed Fri Jul 15 01:11:29 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 72) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 72) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

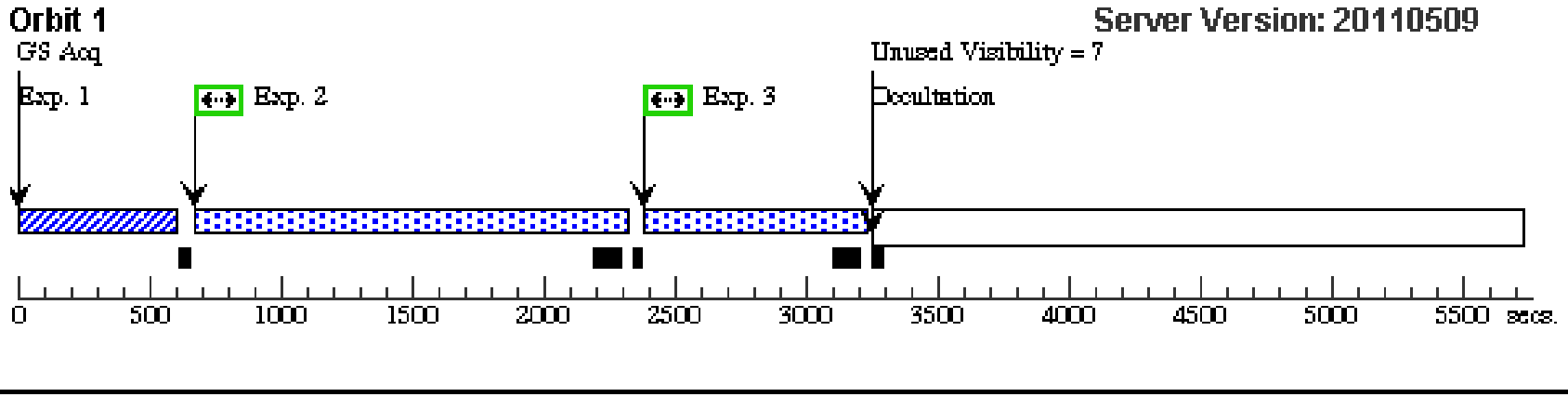
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(22)	PG1202+281	RA: 12 04 42.2400 (181.1760000d) Dec: +27 54 11.88 (27.90330d) Equinox: J2000		V=17.2500+/-0.1 FUV = 17.53	Reference Frame: ICRS

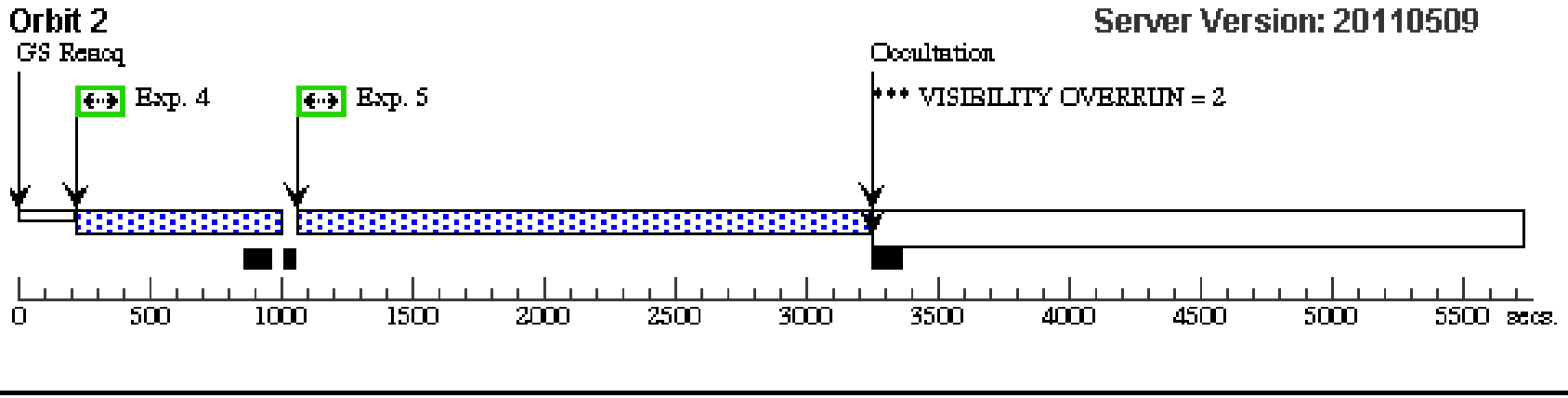
Comments: z = 0.165

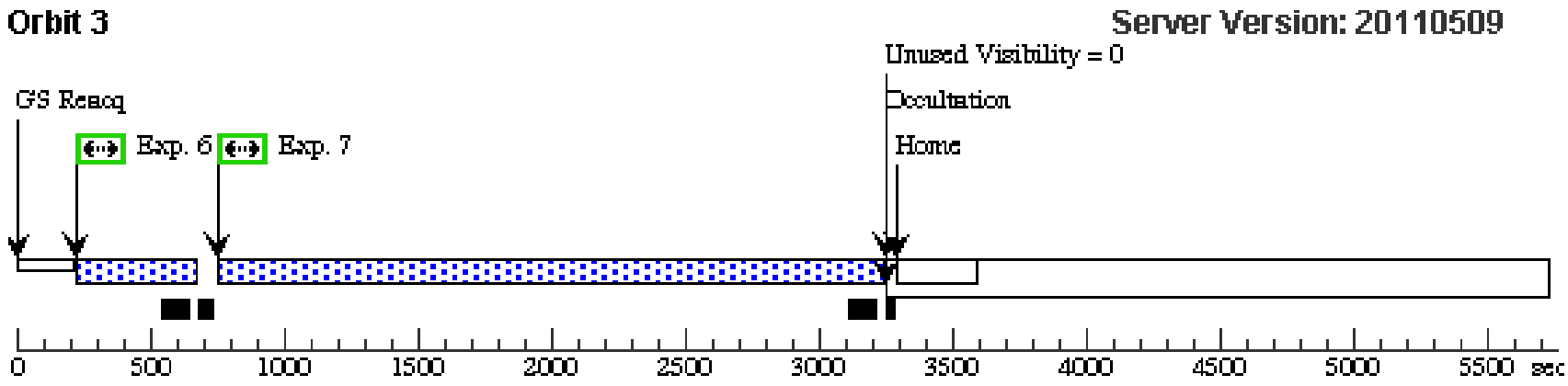
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(22) PG1202+281	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(22) PG1202+281	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1381; FLASH=YES			1491.0 Secs *[==>]*	***[1]***
3		(22) PG1202+281	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=621; FLASH=YES			731.0 Secs *[==>]*	***[1]***
4		(22) PG1202+281	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=614; FLASH=YES			724 Secs *[==>]*	***[2]***
5		(22) PG1202+281	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2019.0 Secs *[==>]*	***[2]***
6		(22) PG1202+281	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=290; FLASH=YES			400 Secs *[==>]*	***[3]***
7		(22) PG1202+281	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2254; FLASH=YES			2364 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 73, completed Fri Jul 15 01:11:29 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 73) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 73) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

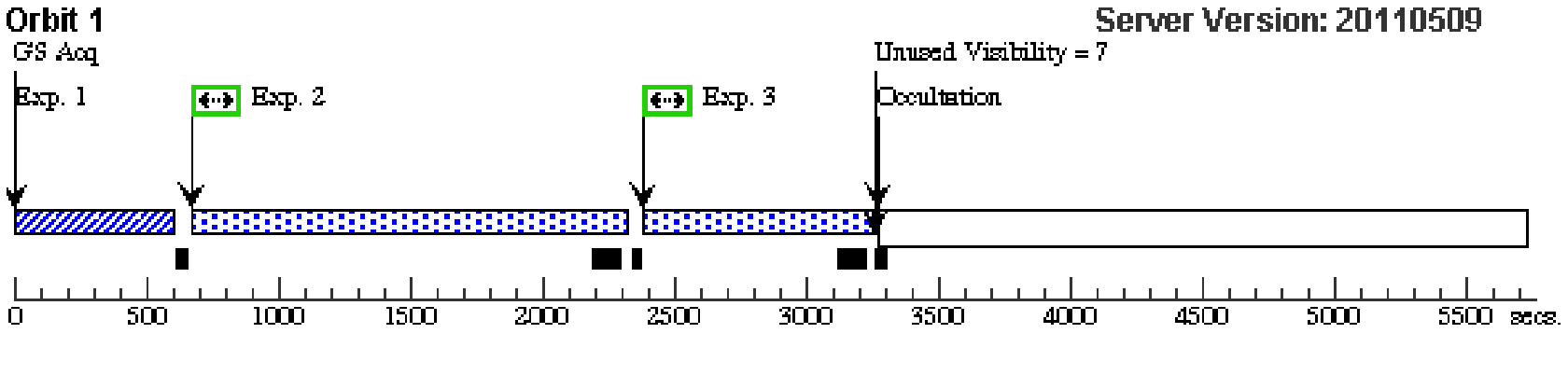
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	SDSSJ110406.94+314111.4	RA: 11 04 6.9600 (166.0290000d) Dec: +31 41 11.40 (31.68650d) Equinox: J2000		V=17.0300+/-0.1 FUV = 17.55	Reference Frame: ICRS

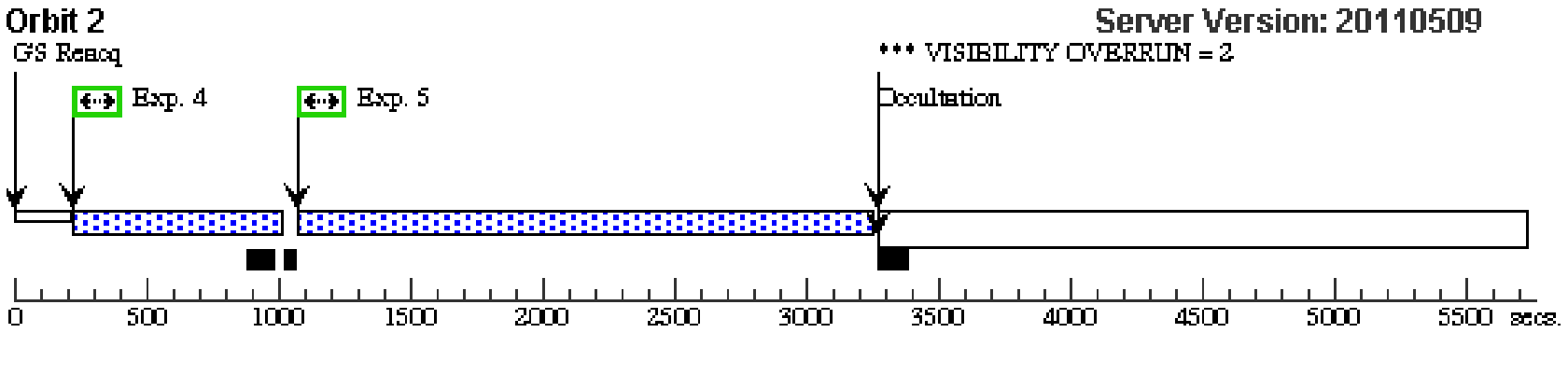
Comments: z = 0.434

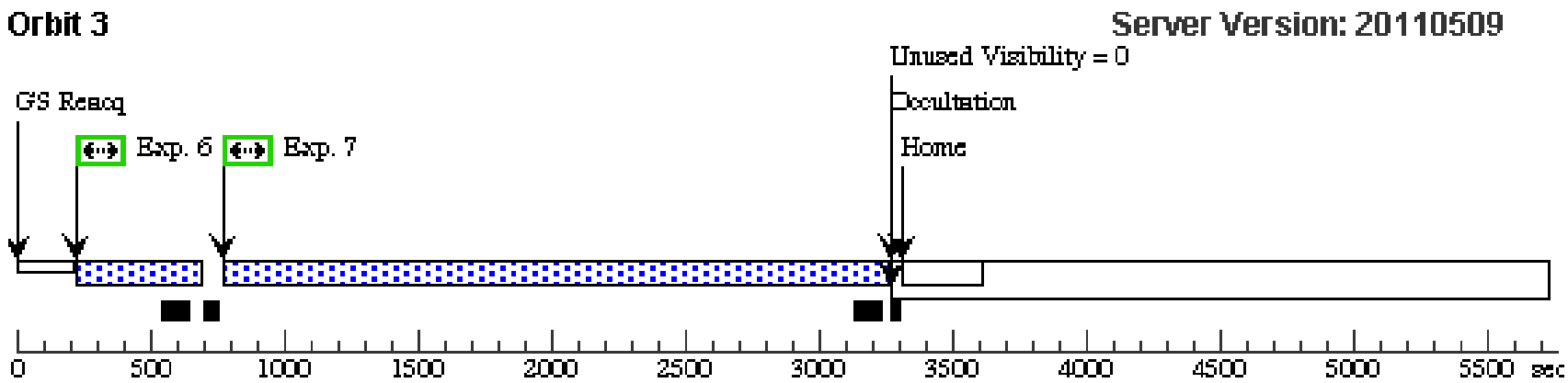
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(23) SDSSJ110406.94+314111.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(23) SDSSJ110406.94+314111.4	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1381; FLASH=YES			1491.0 Secs *[==>]*	***[1]***
3		(23) SDSSJ110406.94+314111.4	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=639; FLASH=YES			749.0 Secs *[==>]*	***[1]***
4		(23) SDSSJ110406.94+314111.4	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=634; FLASH=YES			742 Secs *[==>]*	***[2]***
5		(23) SDSSJ110406.94+314111.4	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2019.0 Secs *[==>]*	***[2]***
6		(23) SDSSJ110406.94+314111.4	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=290; FLASH=YES			418 Secs *[==>]*	***[3]***
7		(23) SDSSJ110406.94+314111.4	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2254; FLASH=YES			2364 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 74, scheduling Fri Jul 15 01:11:30 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 74) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 74) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

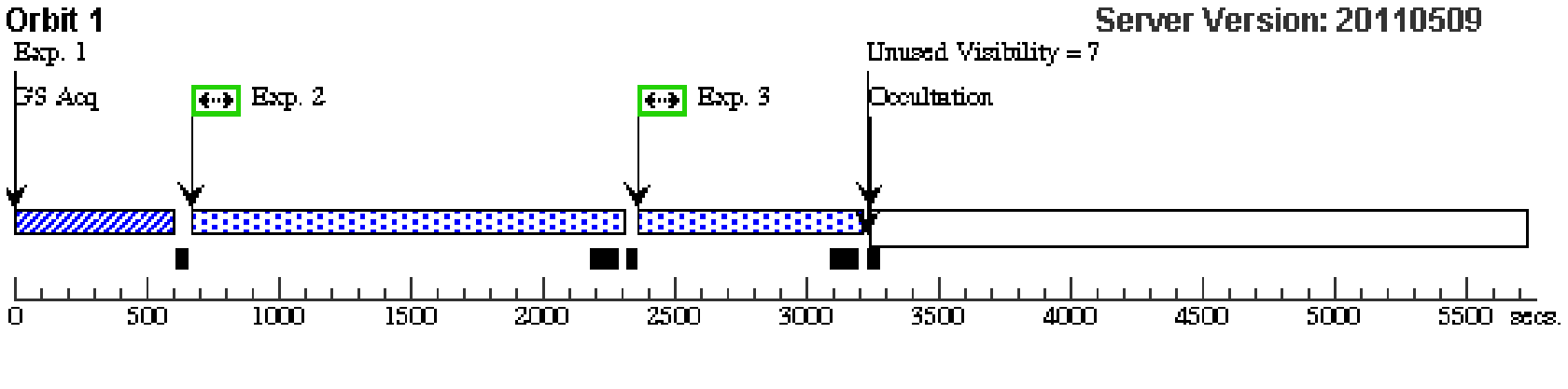
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(24)	SDSSJ024250.85-075914.2	RA: 02 42 50.8680 (40.7119500d) Dec: -07 59 14.28 (-7.98730d) Equinox: J2000		V=17.0400+/-0.1 FUV = 17.63	Reference Frame: ICRS

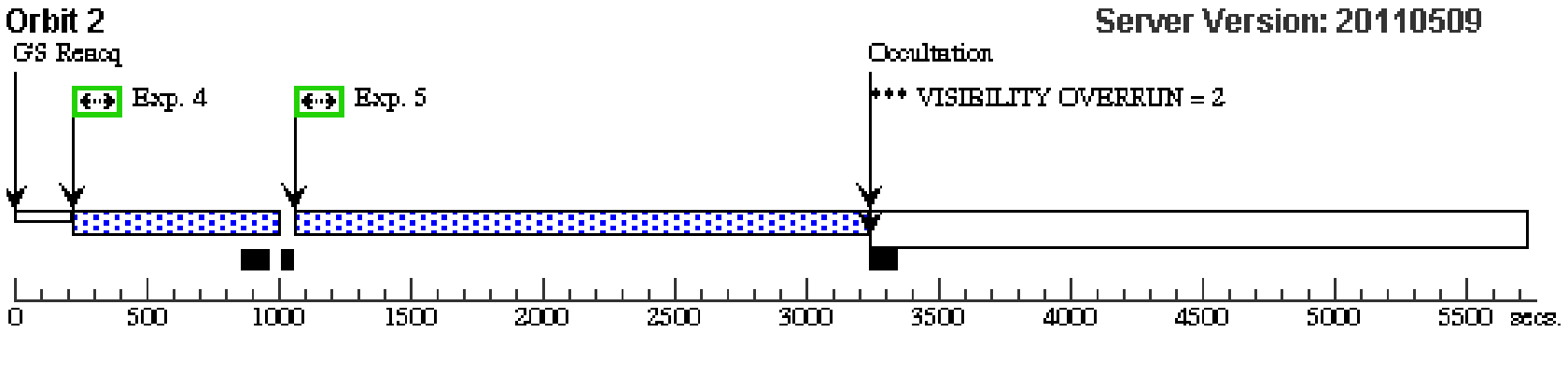
Comments: z = 0.172

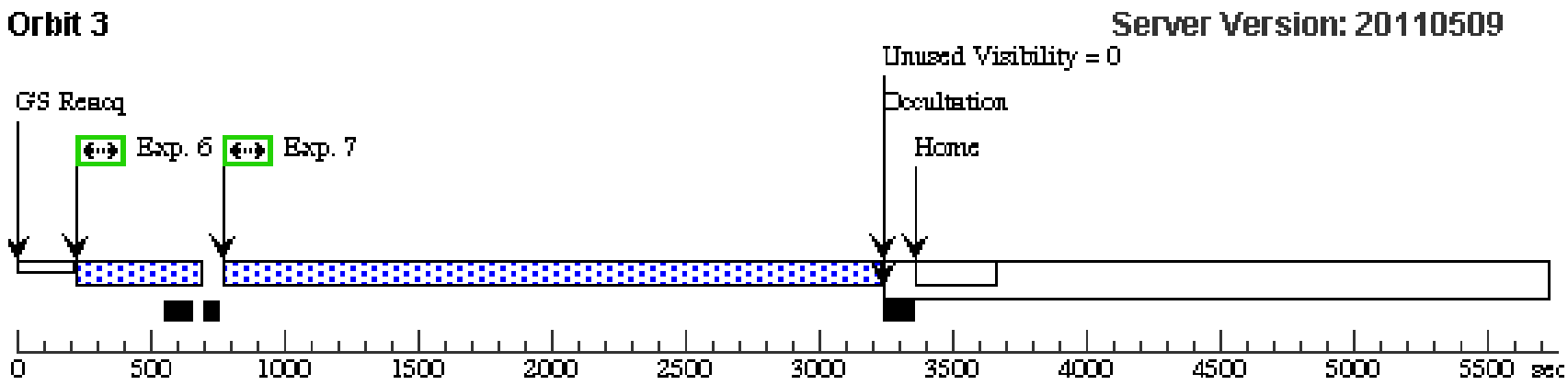
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(24) SDSSJ024250.85-075914.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(24) SDSSJ024250.85-075914.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1366; FLASH=YES			1476.0 Secs *[==>]*	***[1]***
3		(24) SDSSJ024250.85-075914.2	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=621; FLASH=YES			731.0 Secs *[==>]*	***[1]***
4		(24) SDSSJ024250.85-075914.2	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=614; FLASH=YES			724 Secs *[==>]*	***[2]***
5		(24) SDSSJ024250.85-075914.2	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2004.0 Secs *[==>]*	***[2]***
6		(24) SDSSJ024250.85-075914.2	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=305; FLASH=YES			415 Secs *[==>]*	***[3]***
7		(24) SDSSJ024250.85-075914.2	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2334 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 75, completed Fri Jul 15 01:11:30 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 75) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 75) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

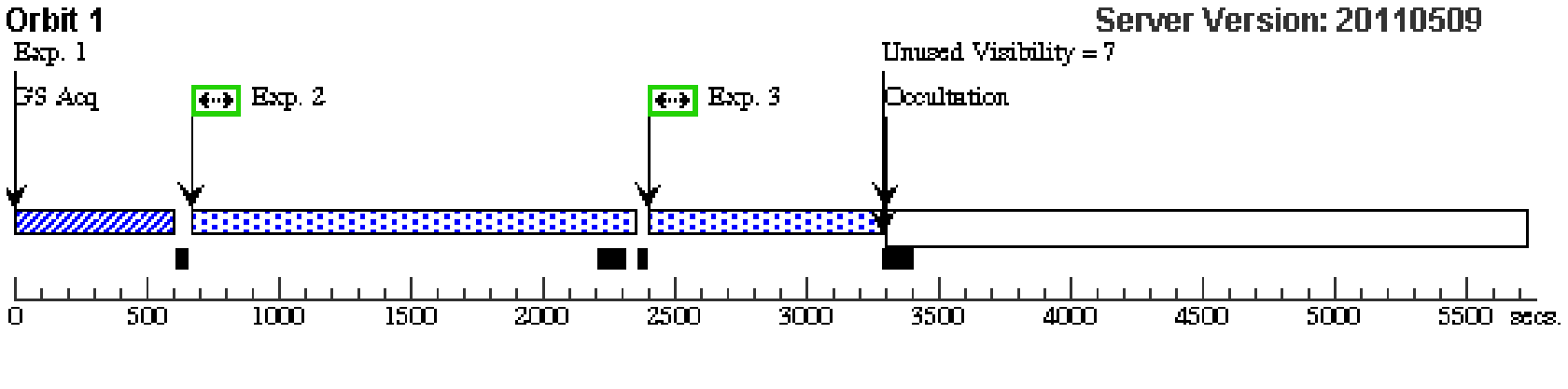
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(25)	SDSSJ134231.22+382903.4	RA: 13 42 31.3200 (205.6305000d) Dec: +38 29 3.48 (38.48430d) Equinox: J2000		V=17.4500+/-0.1 FUV = 17.64	Reference Frame: ICRS

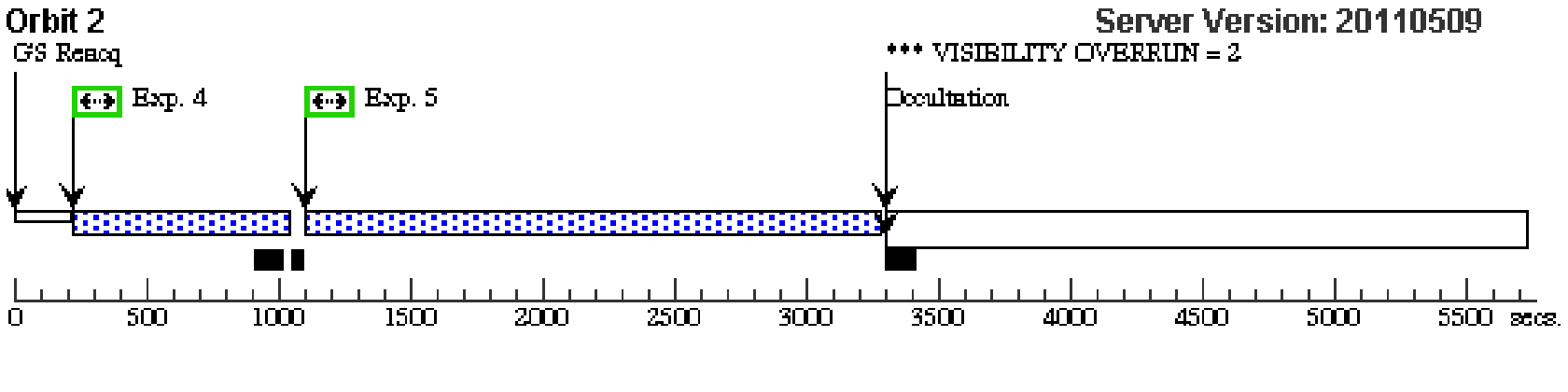
Comments: z = 0.172

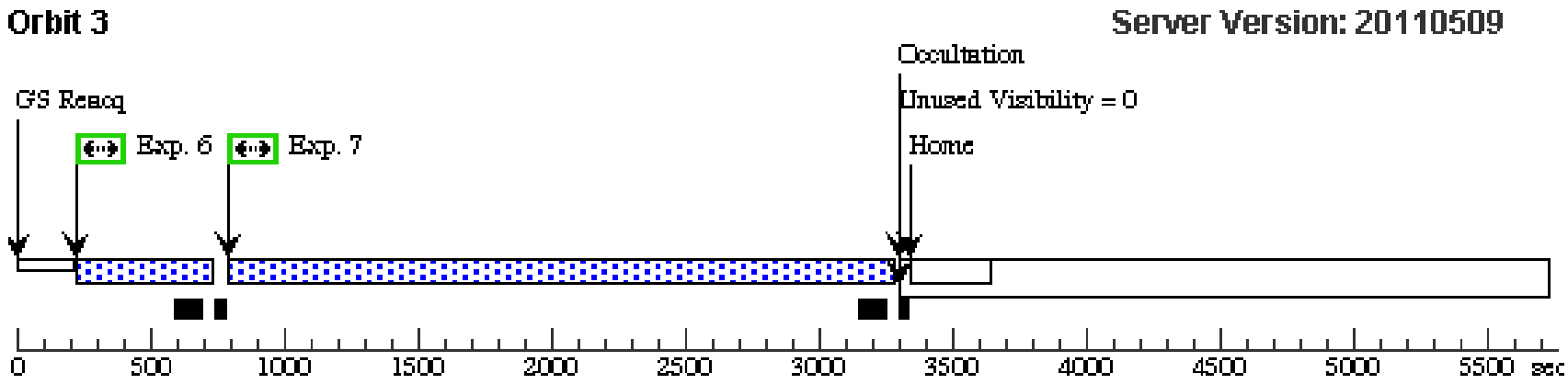
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(25) SDSSJ134231.22+382903.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(25) SDSSJ134231.22+382903.4	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1403; FLASH=YES			1513.0 Secs *[==>]*	***[1]***
3		(25) SDSSJ134231.22+382903.4	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=743; FLASH=YES			753.0 Secs *[==>]*	***[1]***
4		(25) SDSSJ134231.22+382903.4	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=658; FLASH=YES			768 Secs *[==>]*	***[2]***
5		(25) SDSSJ134231.22+382903.4	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2009; FLASH=YES			2019.0 Secs *[==>]*	***[2]***
6		(25) SDSSJ134231.22+382903.4	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=344; FLASH=YES			454 Secs *[==>]*	***[3]***
7		(25) SDSSJ134231.22+382903.4	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2364 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 76, scheduling Fri Jul 15 01:11:31 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 76) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 76) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

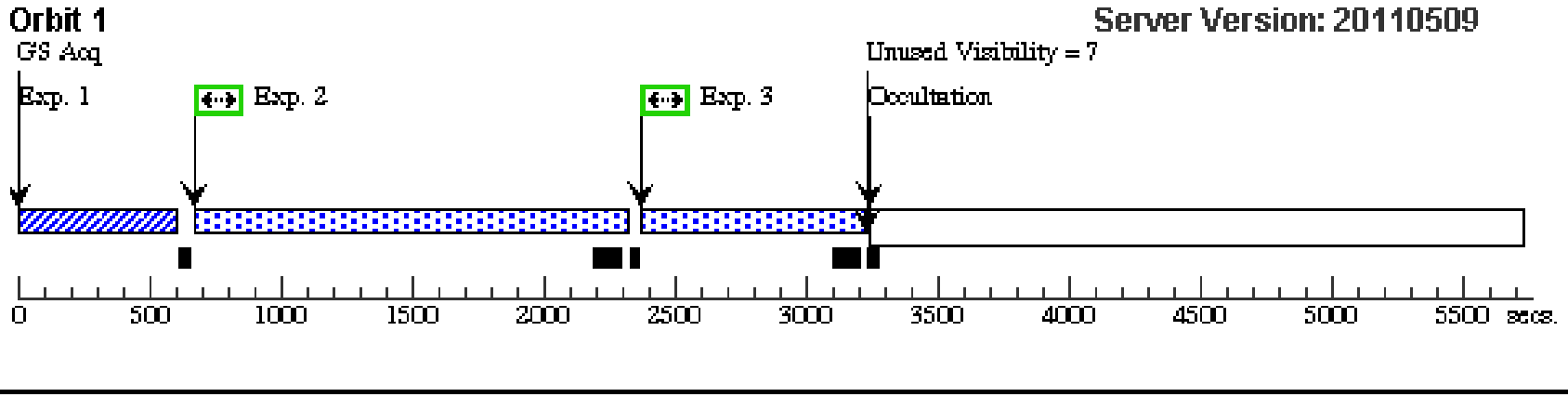
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(26)	SDSSJ001224.01-102226.5	RA: 00 12 24.0228 (3.1000950d) Dec: -10 22 26.40 (-10.37400d) Equinox: J2000		V=17.2400+/-0.1 FUV = 17.68	Reference Frame: ICRS

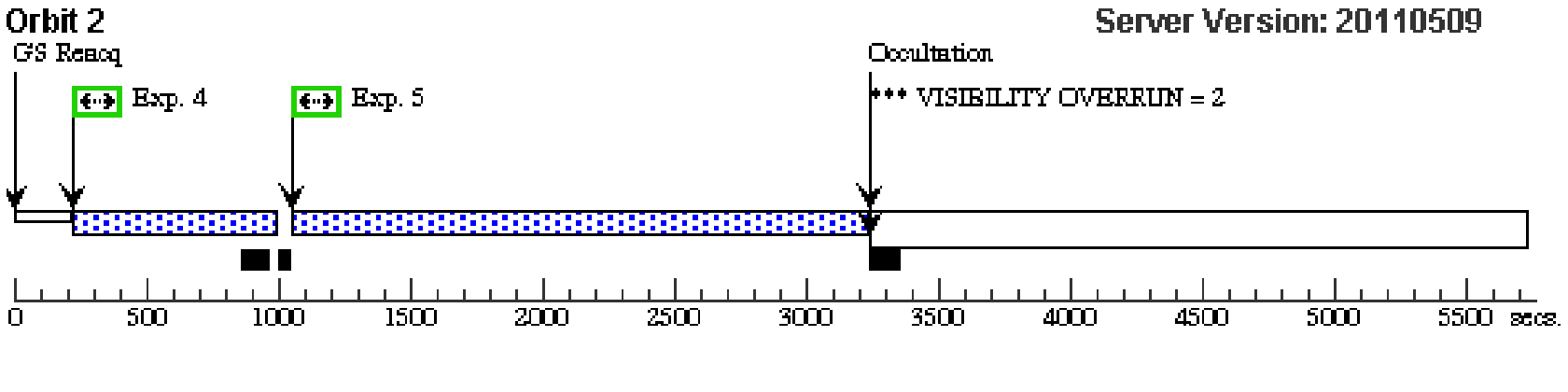
Comments: 0.228

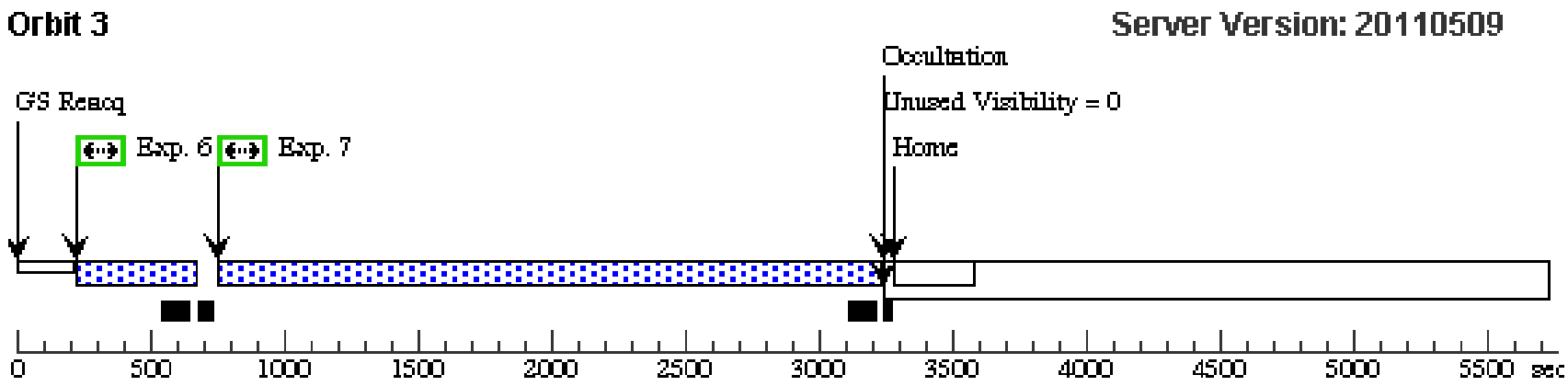
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(26) SDSSJ001224.01-102226.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(26) SDSSJ001224.01-102226.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1381; FLASH=YES			1485.0 Secs *[==>]*	***[1]***
3		(26) SDSSJ001224.01-102226.5	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=621; FLASH=YES			725.0 Secs *[==>]*	***[1]***
4		(26) SDSSJ001224.01-102226.5	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=614; FLASH=YES			718 Secs *[==>]*	***[2]***
5		(26) SDSSJ001224.01-102226.5	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2009; FLASH=YES			2013.0 Secs *[==>]*	***[2]***
6		(26) SDSSJ001224.01-102226.5	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=290; FLASH=YES			400 Secs *[==>]*	***[3]***
7		(26) SDSSJ001224.01-102226.5	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2352 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 77, completed Fri Jul 15 01:11:31 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 77) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 77) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

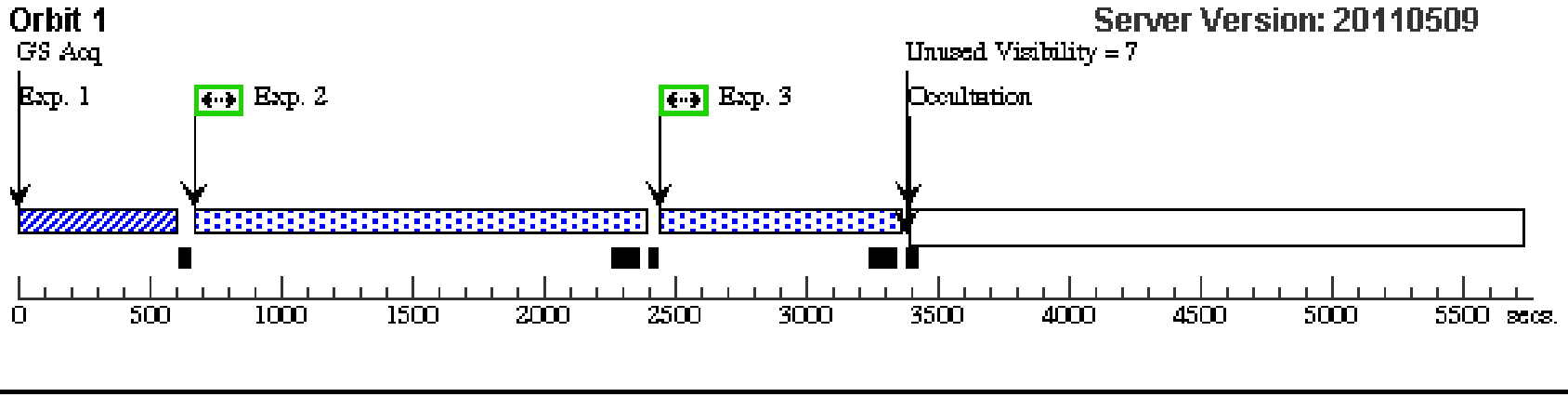
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(27)	SDSSJ080908.13+461925.6	RA: 08 09 8.1360 (122.2839000d) Dec: +46 19 25.68 (46.32380d) Equinox: J2000		V=16.5400+/-0.1 FUV = 17.70	Reference Frame: ICRS

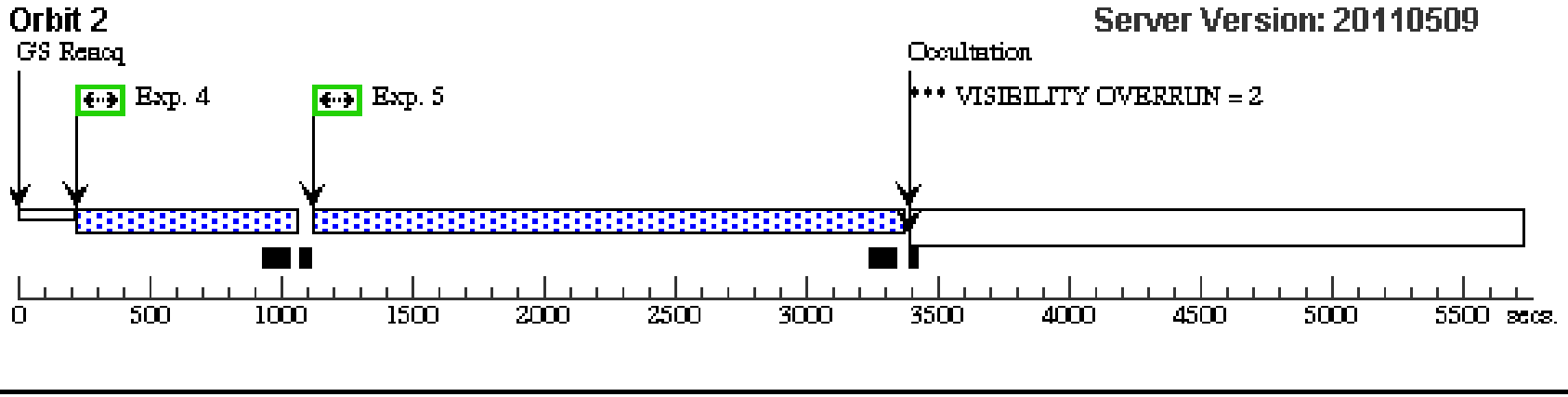
Comments: 0.657

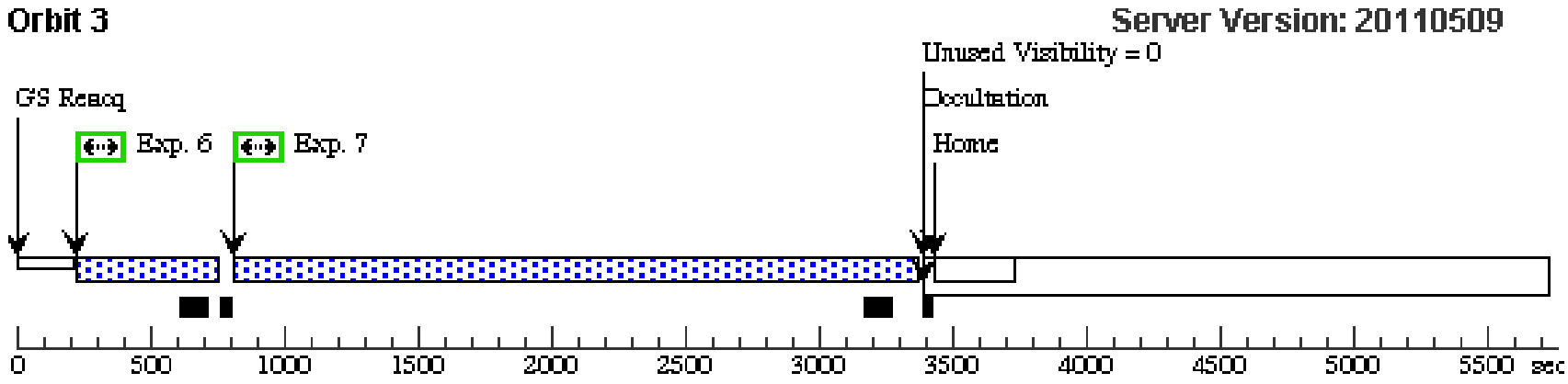
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(27) SDSSJ080908.13+461925.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				90.0 Secs *[==>]*	***[1]***
2		(27) SDSSJ080908.13+461925.6	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1446; FLASH=YES			1556.0 Secs *[==>]*	***[1]***
3		(27) SDSSJ080908.13+461925.6	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=690; FLASH=YES			800.0 Secs *[==>]*	***[1]***
4		(27) SDSSJ080908.13+461925.6	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=682; FLASH=YES			790 Secs *[==>]*	***[2]***
5		(27) SDSSJ080908.13+461925.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1977; FLASH=YES			2087.0 Secs *[==>]*	***[2]***
6		(27) SDSSJ080908.13+461925.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=366; FLASH=YES			474 Secs *[==>]*	***[3]***
7		(27) SDSSJ080908.13+461925.6	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2254; FLASH=YES			2434 Secs *[==>]*	***[3]***

Orbit Structure







Visit

Proposal 12248, Visit 78, completed Fri Jul 15 01:11:32 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Comments: Archetypal 4-orbit Visit

Diagnostics

(Visit 78) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 78) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

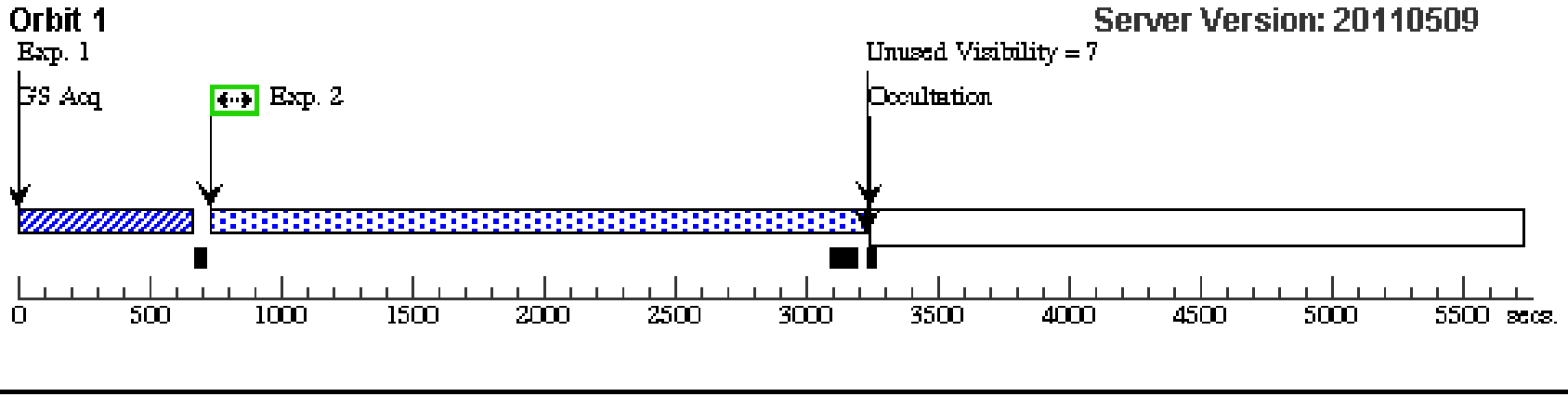
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(28)	SDSSJ105945.23+144142.9	RA: 10 59 45.2400 (164.9385000d) Dec: +14 41 43.08 (14.69530d) Equinox: J2000		V=16.9300+/-0.1 FUV = 17.71	Reference Frame: ICRS

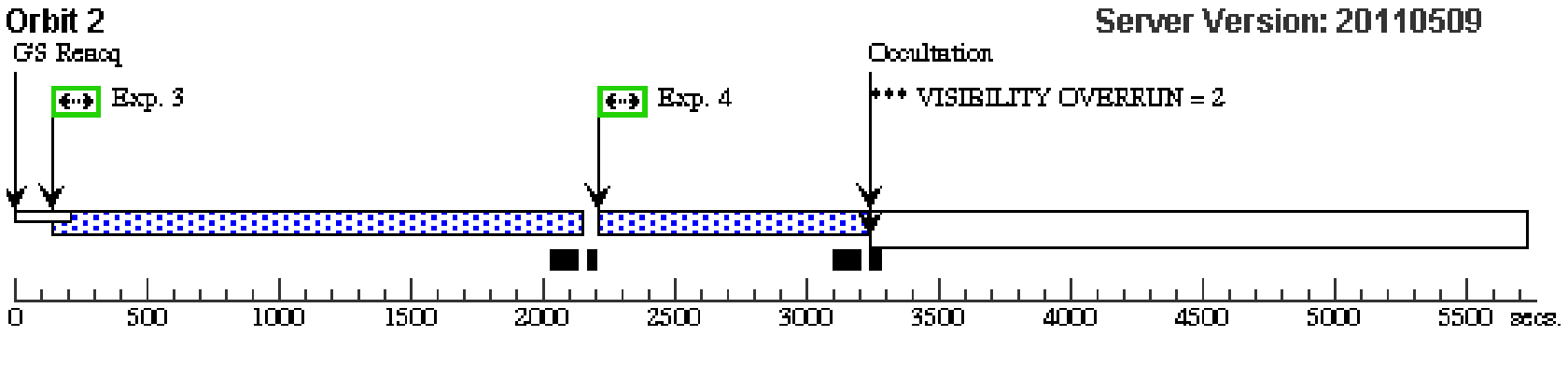
Comments: 0.631

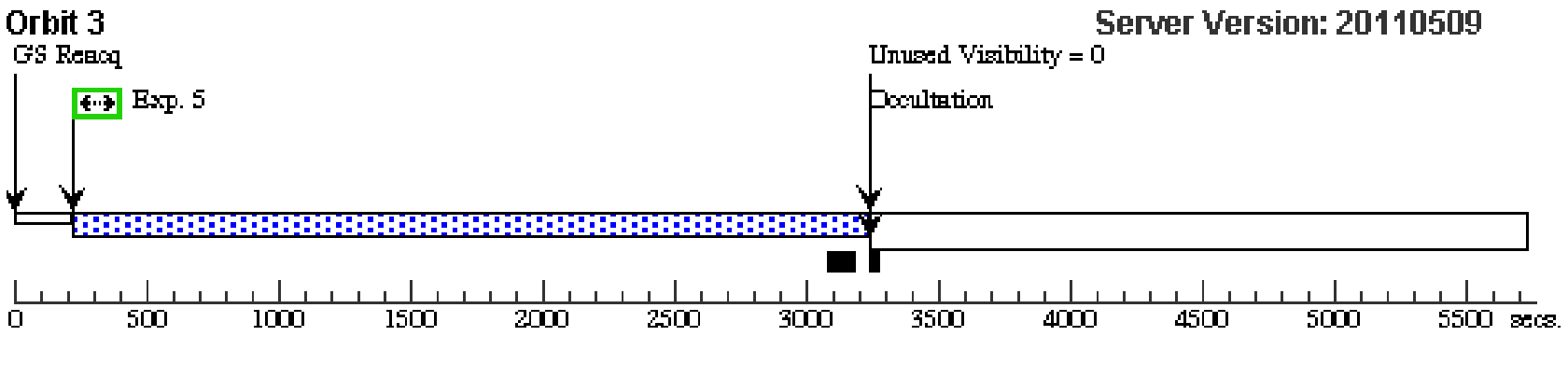
Exposures

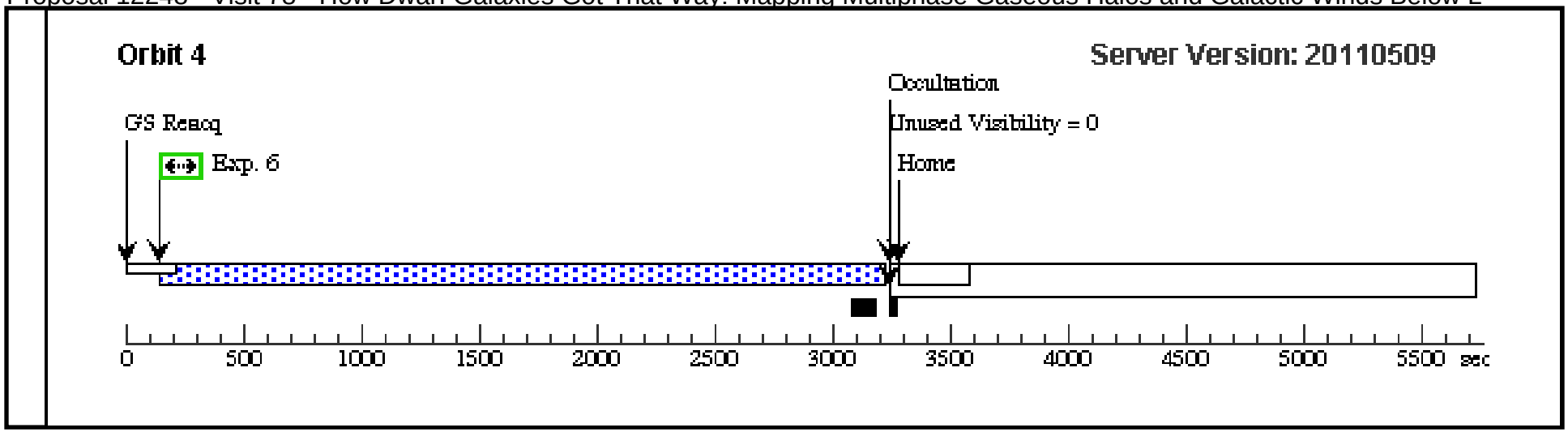
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(28) SDSSJ105945.23+144142.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(28) SDSSJ105945.23+144142.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2222; FLASH=YES			2328 Secs *[==>]*	***[1]***
3		(28) SDSSJ105945.23+144142.9	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1782; FLASH=YES			1889.0 Secs *[==>]*	***[2]***
4		(28) SDSSJ105945.23+144142.9	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=742; FLASH=YES			852.0 Secs *[==>]*	***[2]***
5		(28) SDSSJ105945.23+144142.9	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2829; FLASH=YES			2959.0 Secs *[==>]*	***[3]***
6		(28) SDSSJ105945.23+144142.9	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2829; FLASH=YES			2959.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Occultation
GS Reacq
Unused Visibility = 0
Exp. 6
Home
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1000
1500
2000
2500
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4000
4500
5000
5500
sec

Proposal 12248 - Visit 79 - How Dwarf Galaxies Got That Way: Mapping Multiphase Gaseous Halos and Galactic Winds Below L*

Visit

Proposal 12248, Visit 79, completed Fri Jul 15 01:11:32 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 79) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 79) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

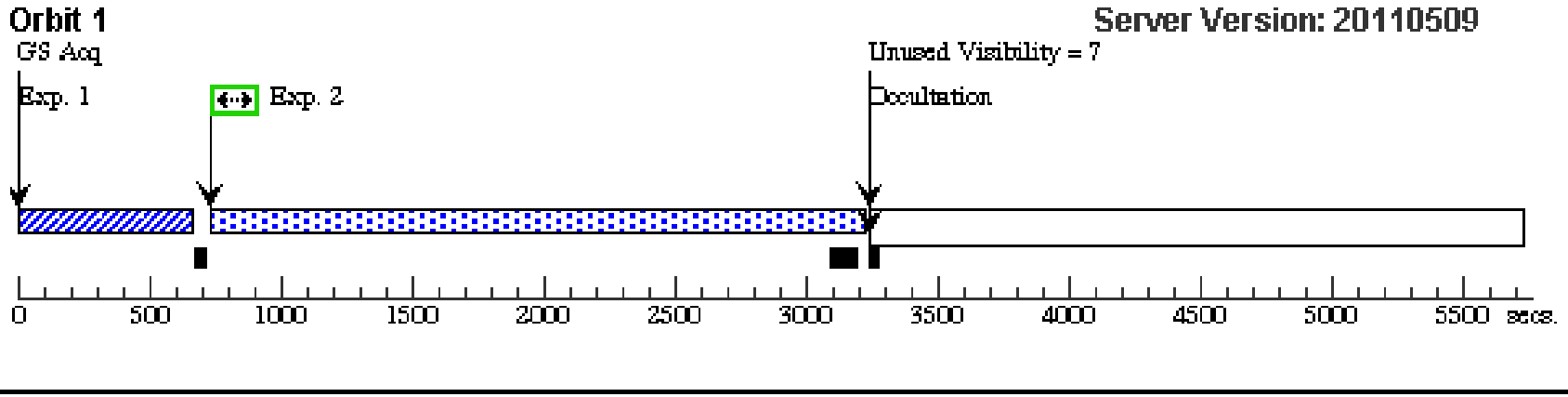
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	SDSSJ135712.61+170444.1	RA: 13 57 12.6000 (209.3025000d) Dec: +17 04 44.04 (17.07890d) Equinox: J2000		V=17.8800+/-0.1 FUV = 17.71	Reference Frame: ICRS

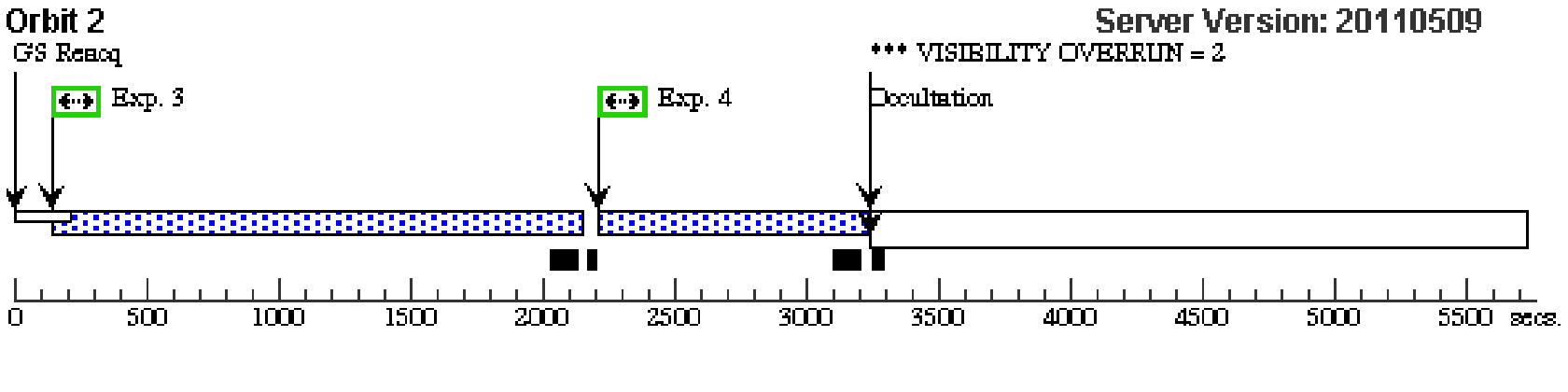
Comments: z = 0.150

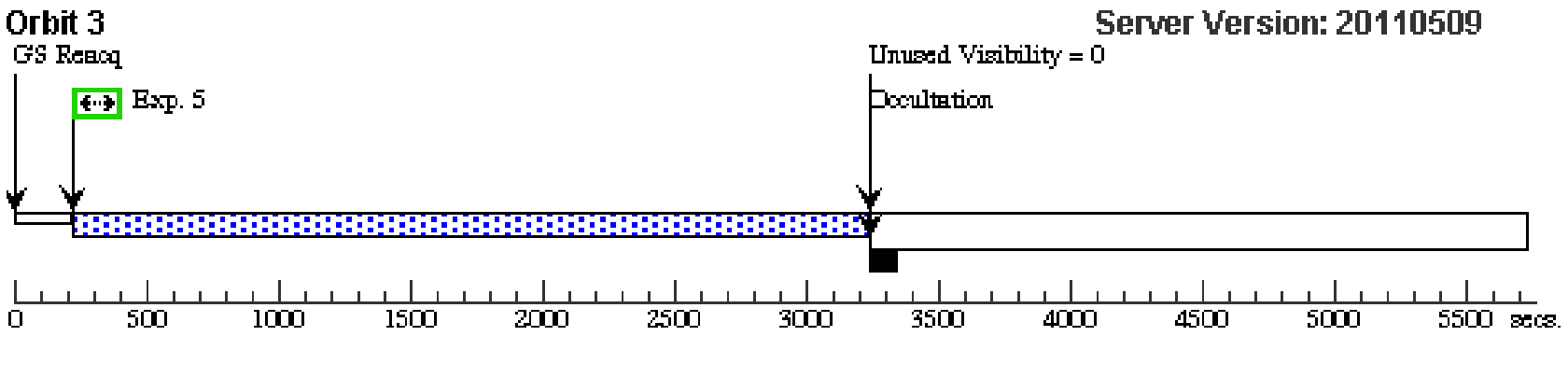
Exposures

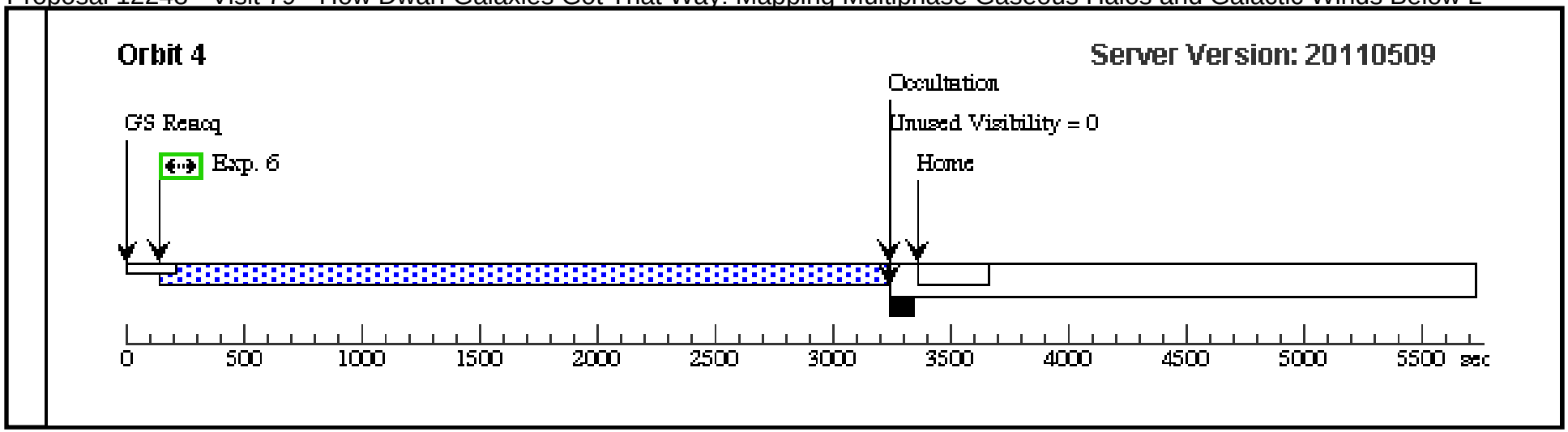
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(29) SDSSJ135712.61+170444.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(29) SDSSJ135712.61+170444.1	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2222; FLASH=YES			2332 Secs *[==>]*	***[1]***
3		(29) SDSSJ135712.61+170444.1	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1781; FLASH=YES			1891.0 Secs *[==>]*	***[2]***
4		(29) SDSSJ135712.61+170444.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=744; FLASH=YES			854.0 Secs *[==>]*	***[2]***
5		(29) SDSSJ135712.61+170444.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2965; FLASH=YES			2963.0 Secs *[==>]*	***[3]***
6		(29) SDSSJ135712.61+170444.1	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2965; FLASH=YES			2963.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Occultation
GS Reacq
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1500
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3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 80, completed Fri Jul 15 01:11:33 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 80) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 80) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

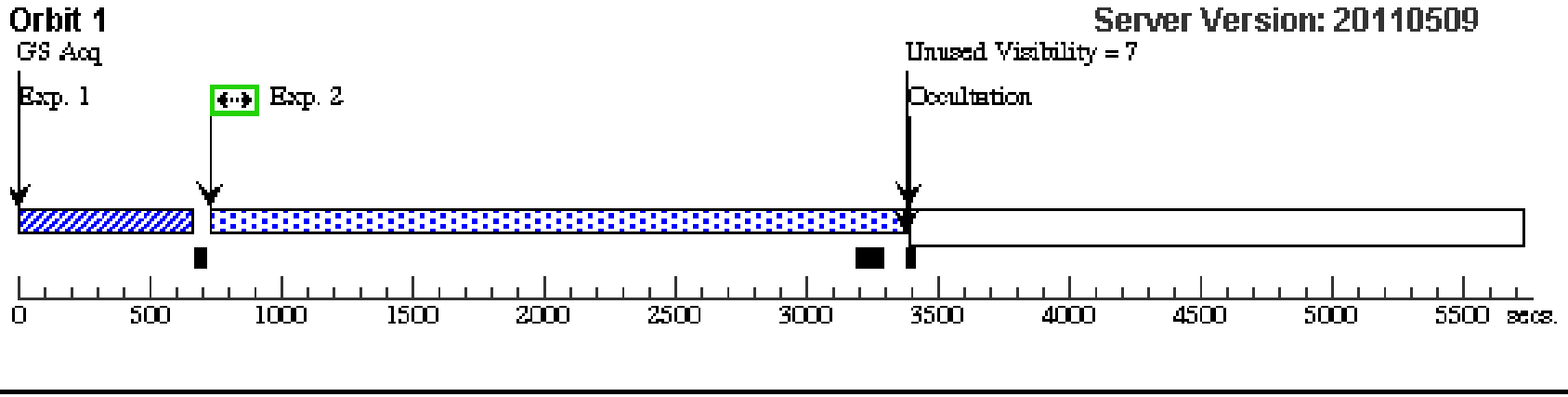
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(30)	SDSSJ092554.43+453544.4	RA: 09 25 54.4440 (141.4768500d) Dec: +45 35 44.52 (45.59570d) Equinox: J2000		V=17.5900+/-0.1 FUV = 17.74	Reference Frame: ICRS

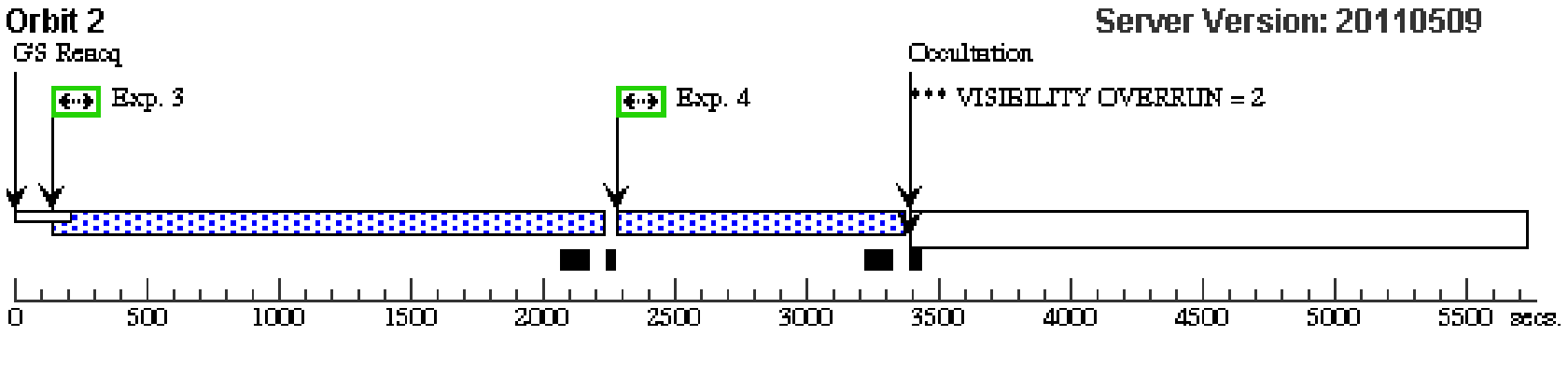
Comments: z = 0.329

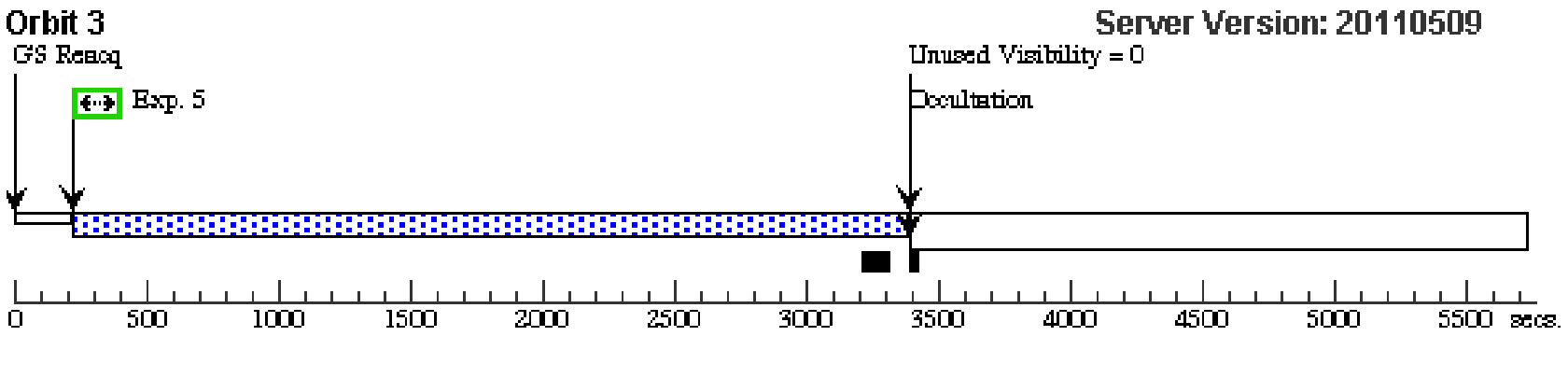
Exposures

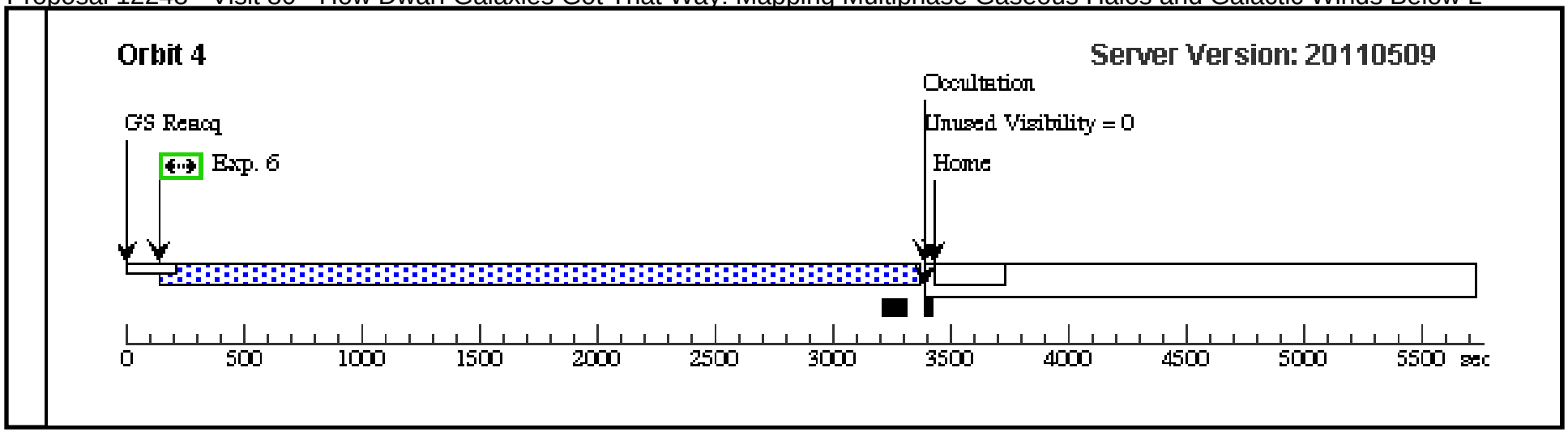
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(30) SDSSJ092554.43+453544.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(30) SDSSJ092554.43+453544.4	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2314; FLASH=YES			2474 Secs *[==>]*	***[1]***
3		(30) SDSSJ092554.43+453544.4	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1827; FLASH=YES			1962.0 Secs *[==>]*	***[2]***
4		(30) SDSSJ092554.43+453544.4	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=790; FLASH=YES			925.0 Secs *[==>]*	***[2]***
5		(30) SDSSJ092554.43+453544.4	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2965; FLASH=YES			3105.0 Secs *[==>]*	***[3]***
6		(30) SDSSJ092554.43+453544.4	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2965; FLASH=YES			3105.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Occultation
GS Reacq
Unused Visibility = 0
Exp. 6
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1500
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2500
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3500
4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 81, completed Fri Jul 15 01:11:33 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 81) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 81) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

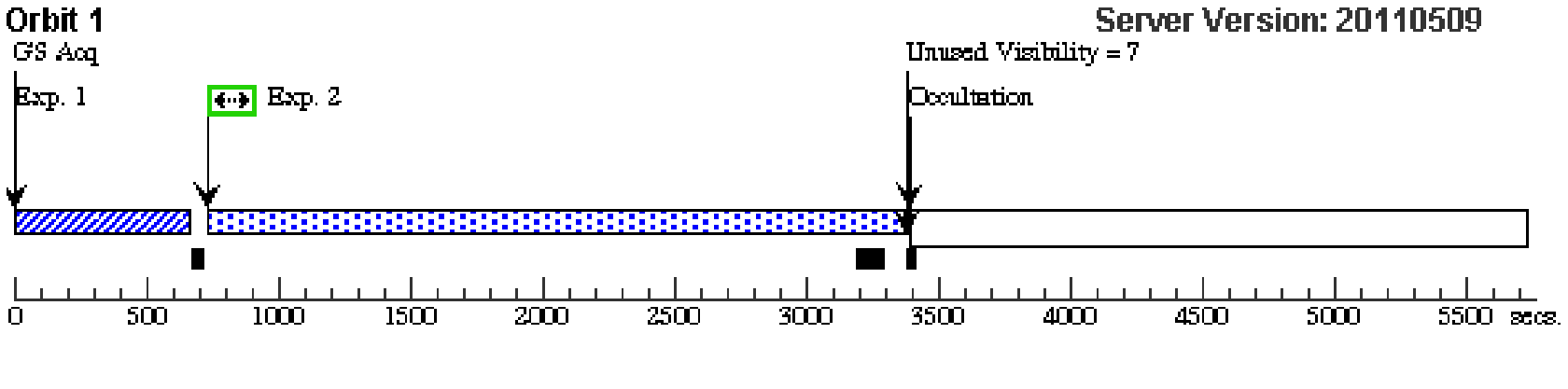
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(31)	SDSSJ094621.26+471131.3	RA: 09 46 21.2520 (146.5885500d) Dec: +47 11 31.20 (47.19200d) Equinox: J2000		V=18.0900+/-0.1 FUV = 17.74	Reference Frame: ICRS

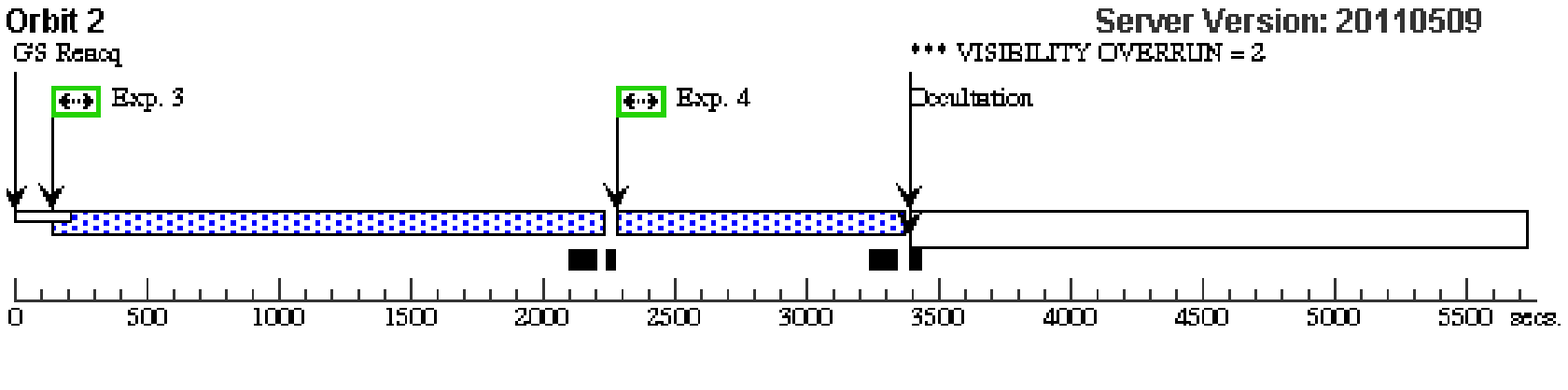
Comments: z = 0.230

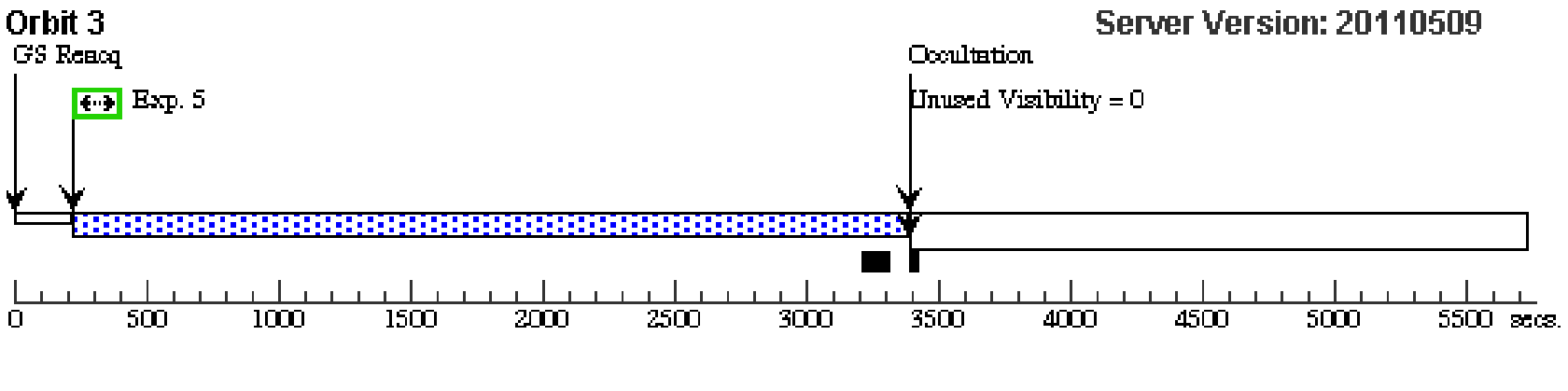
Exposures

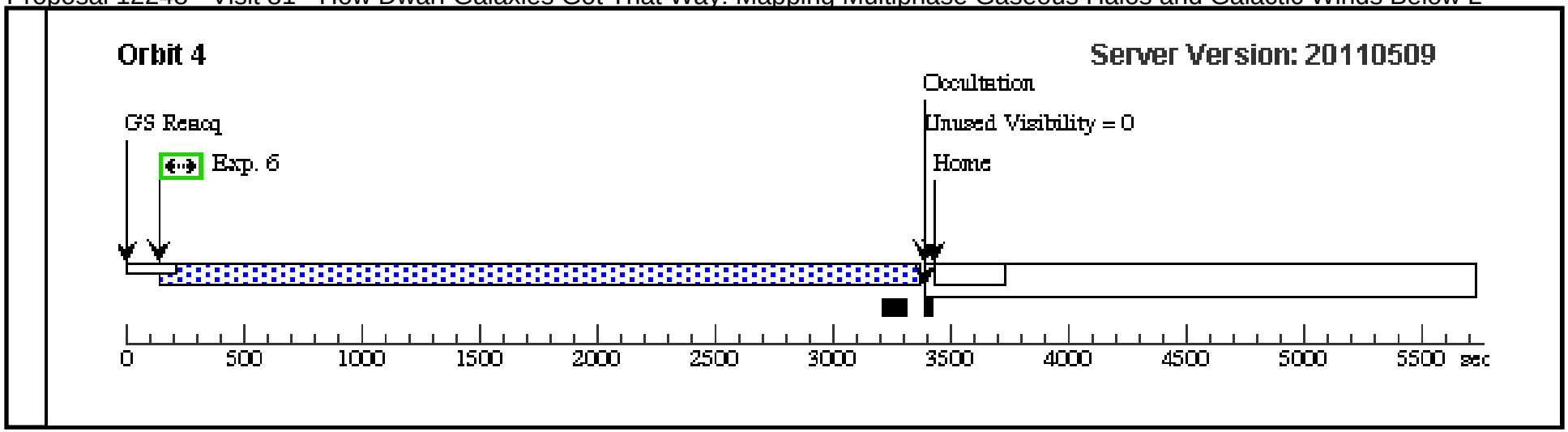
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(31) SDSSJ094621.26+471131.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(31) SDSSJ094621.26+471131.3	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2314; FLASH=YES			2474 Secs *[==>]*	***[1]***
3		(31) SDSSJ094621.26+471131.3	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1852; FLASH=YES			1962.0 Secs *[==>]*	***[2]***
4		(31) SDSSJ094621.26+471131.3	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=815; FLASH=YES			925.0 Secs *[==>]*	***[2]***
5		(31) SDSSJ094621.26+471131.3	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2965; FLASH=YES			3105.0 Secs *[==>]*	***[3]***
6		(31) SDSSJ094621.26+471131.3	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2965; FLASH=YES			3105.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
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Occultation
GS Reacq
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1500
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2500
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5000
5500
sec

Proposal 12248 - Visit 82 - How Dwarf Galaxies Got That Way: Mapping Multiphase Gaseous Halos and Galactic Winds Below L*

Visit

Proposal 12248, Visit 82, completed Fri Jul 15 01:11:34 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 82) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 82) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

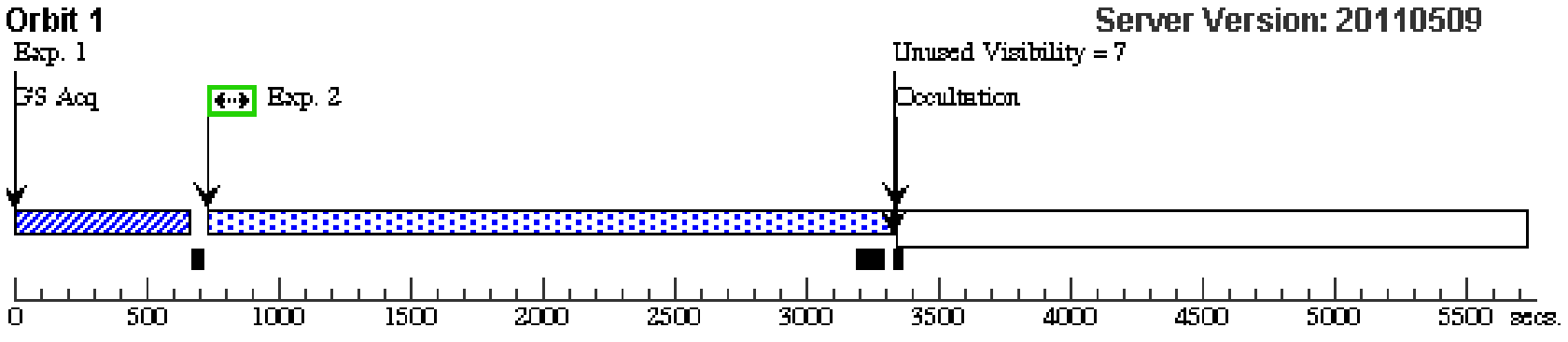
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(32)	SDSSJ132704.13+443505.0	RA: 13 27 3.9600 (201.7665000d) Dec: +44 35 4.92 (44.58470d) Equinox: J2000		V=18.0900+/-0.1 FUV = 17.74	Reference Frame: ICRS

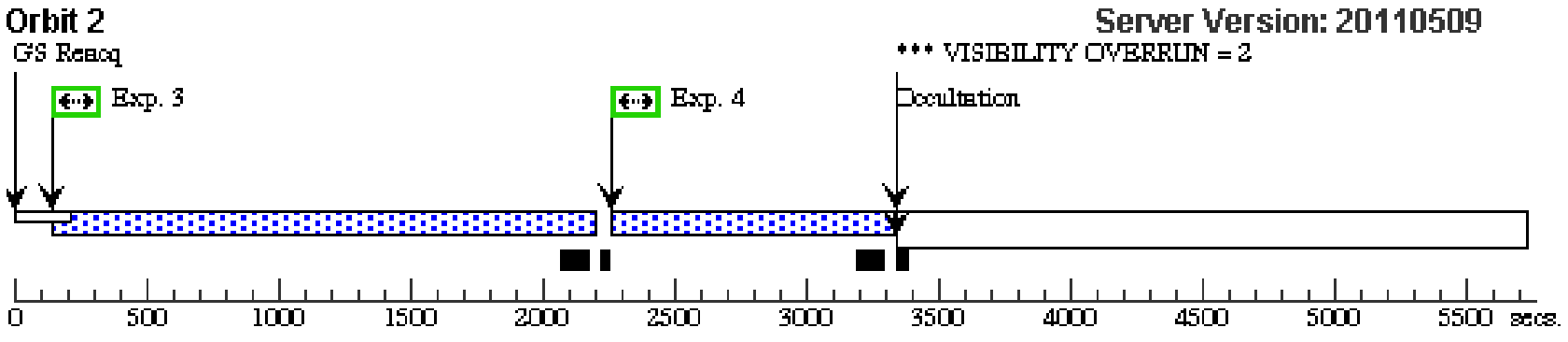
Comments: z = 0.331

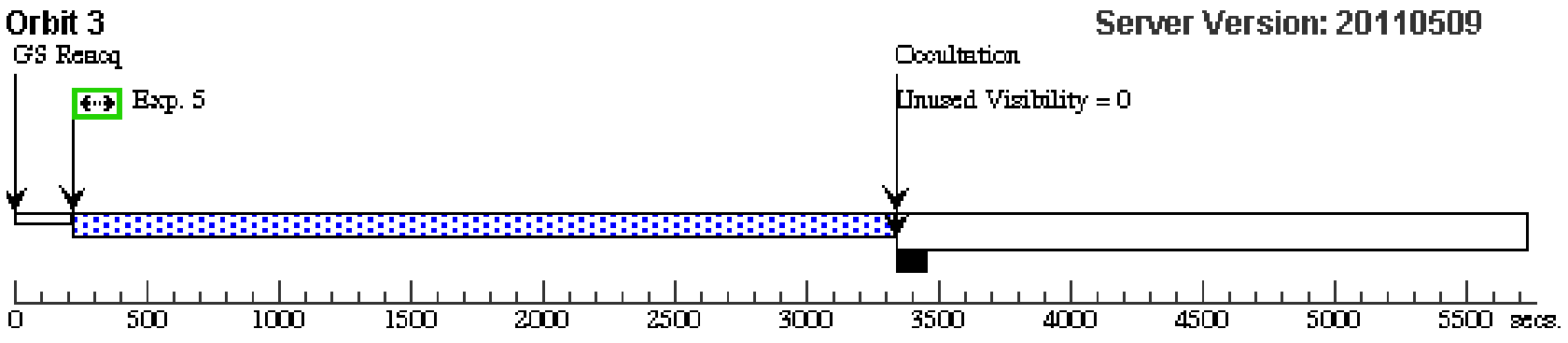
Exposures

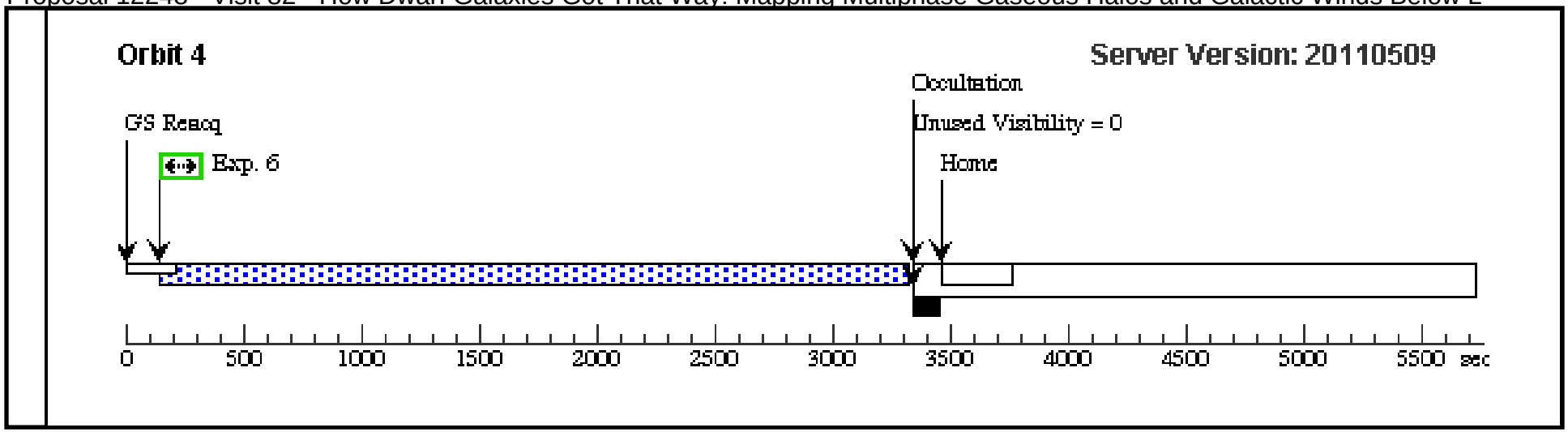
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(32) SDSSJ132704.13+443505.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(32) SDSSJ132704.13+443505.0	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=2314; FLASH=YES			2424 Secs *[==>]*	***[1]***
3		(32) SDSSJ132704.13+443505.0	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=1827; FLASH=YES			1937.0 Secs *[==>]*	***[2]***
4		(32) SDSSJ132704.13+443505.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=790; FLASH=YES			900.0 Secs *[==>]*	***[2]***
5		(32) SDSSJ132704.13+443505.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2965; FLASH=YES			3055.0 Secs *[==>]*	***[3]***
6		(32) SDSSJ132704.13+443505.0	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2965; FLASH=YES			3055.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Occultation
GS Reacq
Unused Visibility = 0
Exp. 6
Home
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500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Proposal 12248 - Visit 83 - How Dwarf Galaxies Got That Way: Mapping Multiphase Gaseous Halos and Galactic Winds Below L*

Visit

Proposal 12248, Visit 83, failed Fri Jul 15 01:11:34 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 83) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 83) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

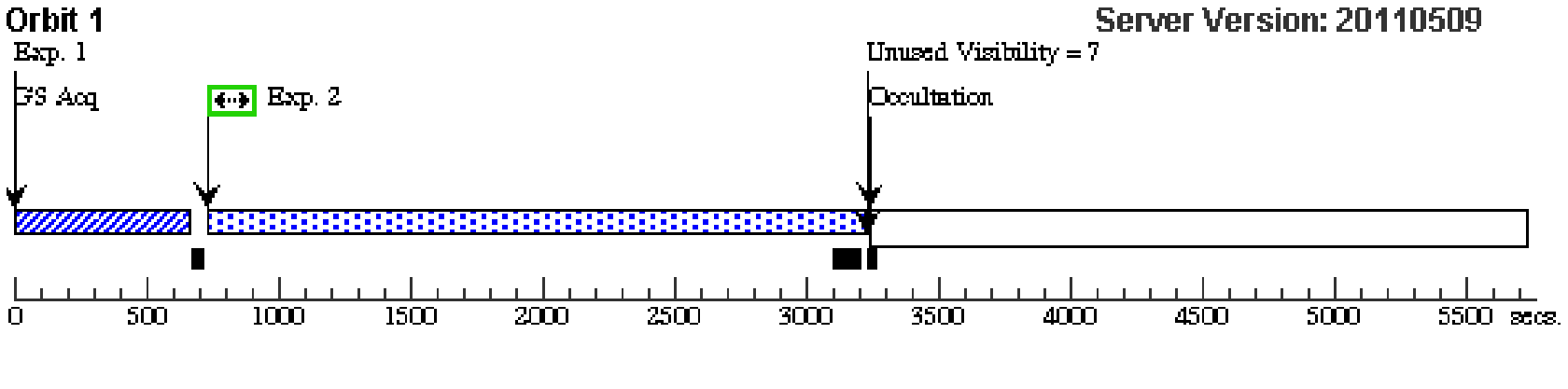
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	SDSSJ021218.32-073719.8	RA: 02 12 18.3240 (33.0763500d) Dec: -07 37 19.92 (-7.62220d) Equinox: J2000		V=17.6300+/-0.1 FUV = 17.75	Reference Frame: ICRS

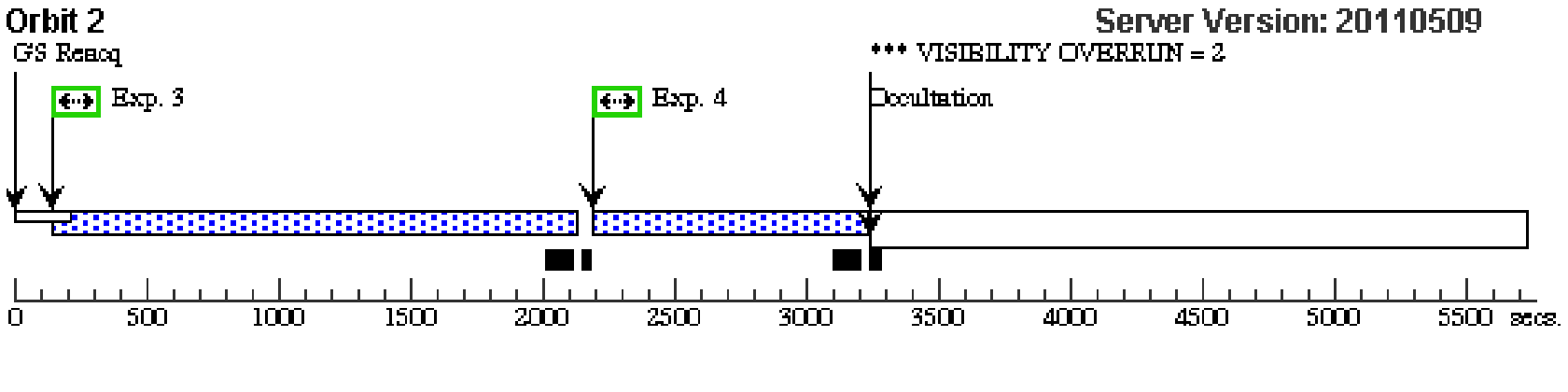
Comments: z = 0.174

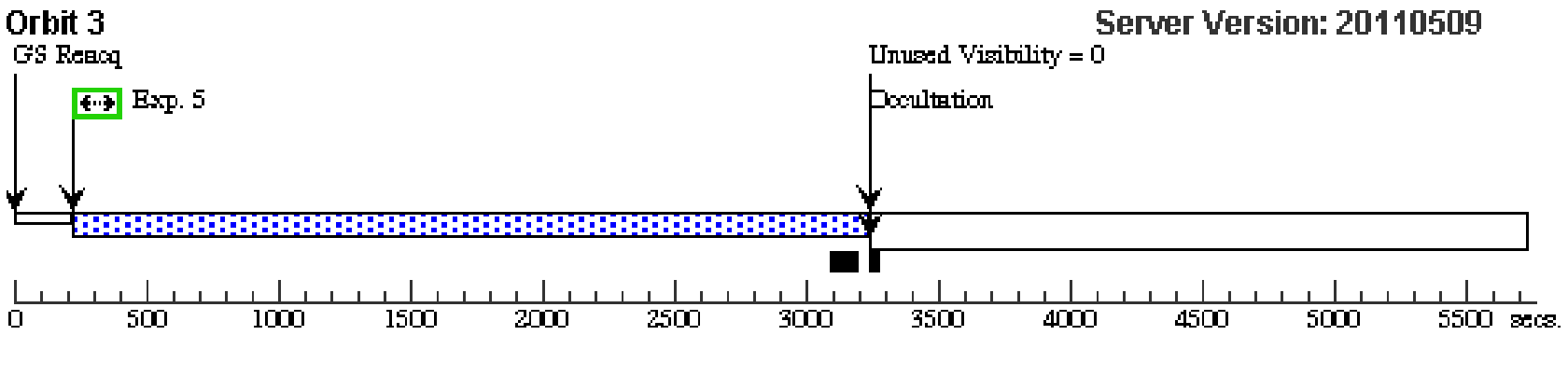
Exposures

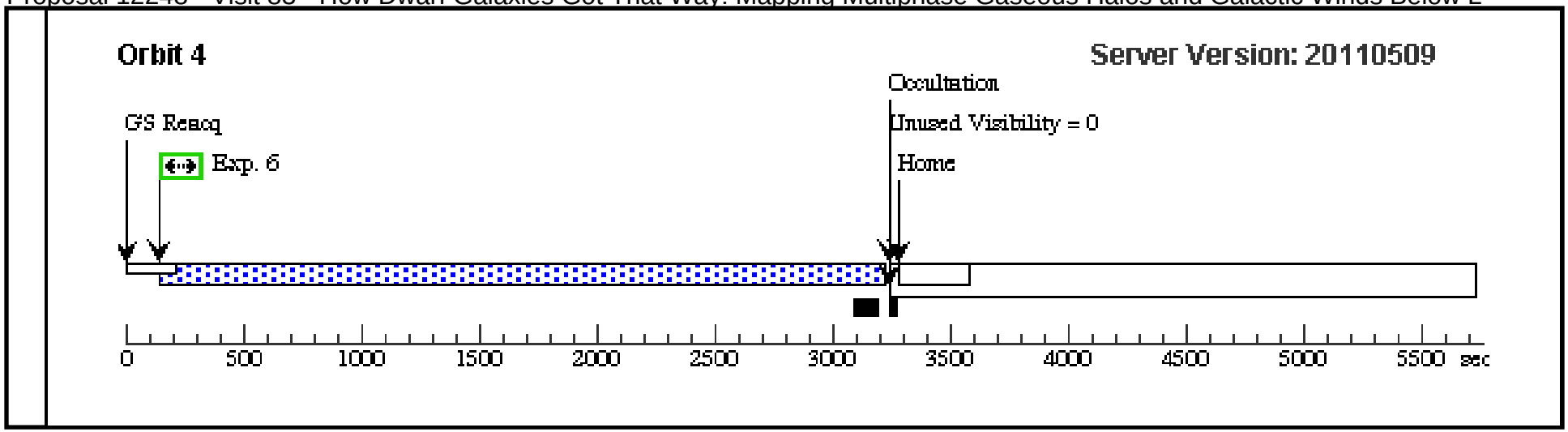
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(33) SDSSJ021218.32-073719.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(33) SDSSJ021218.32-073719.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2225; FLASH=YES			2325 Secs *[==>]*	***[1]***
3		(33) SDSSJ021218.32-073719.8	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1758; FLASH=YES			1868.0 Secs *[==>]*	***[2]***
4		(33) SDSSJ021218.32-073719.8	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=760; FLASH=YES			870.0 Secs *[==>]*	***[2]***
5		(33) SDSSJ021218.32-073719.8	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2846; FLASH=YES			2956.0 Secs *[==>]*	***[3]***
6		(33) SDSSJ021218.32-073719.8	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2846; FLASH=YES			2956.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Occultation
GS Reacq
Unused Visibility = 0
Exp. 6
Home
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500
1000
1500
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2500
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3500
4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 92 Fri Jul 15 01:11:35 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 92) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

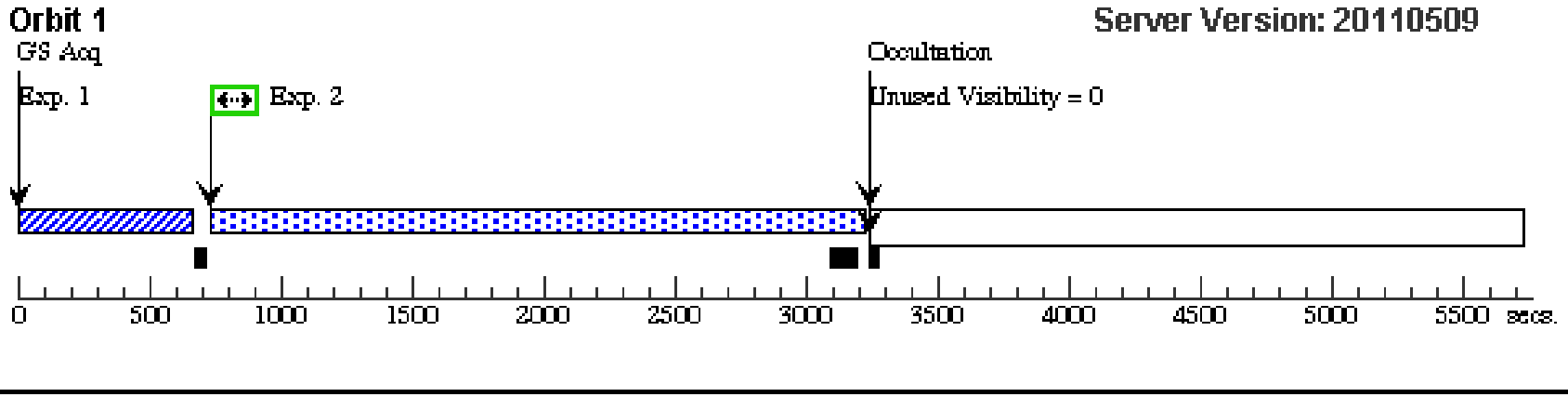
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	SDSSJ021218.32-073719.8	RA: 02 12 18.3240 (33.0763500d) Dec: -07 37 19.92 (-7.62220d) Equinox: J2000		V=17.6300+/-0.1 FUV = 17.75	Reference Frame: ICRS

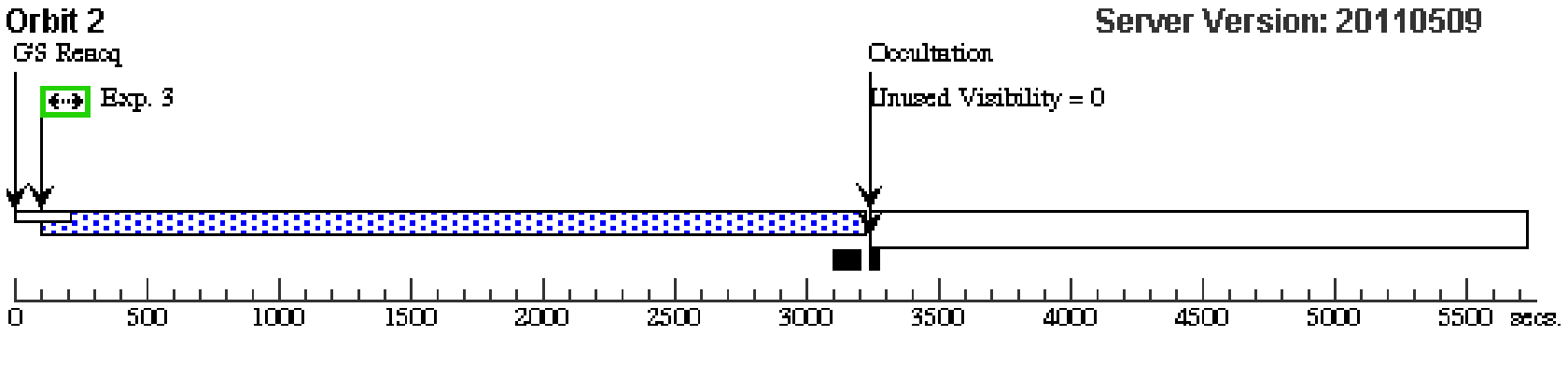
Comments: z = 0.174

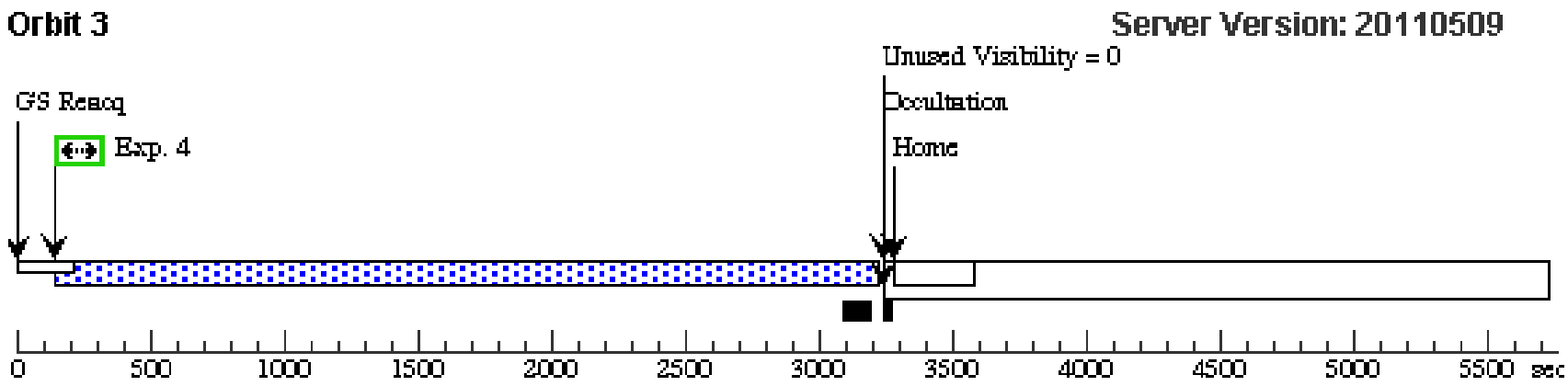
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(33) SDSSJ021218.32-073719.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	*[1]*
2		(33) SDSSJ021218.32-073719.8	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=2222; FLASH=YES			2332.0 Secs *[==>]*	*[1]*
3		(33) SDSSJ021218.32-073719.8	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2846; FLASH=YES			2954.0 Secs *[==>]*	*[2]*
4		(33) SDSSJ021218.32-073719.8	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2846; FLASH=YES			2956.0 Secs *[==>]*	*[3]*

Orbit Structure







Proposal 12248 - Visit 84 - How Dwarf Galaxies Got That Way: Mapping Multiphase Gaseous Halos and Galactic Winds Below L*

Visit

Proposal 12248, Visit 84, scheduled Fri Jul 15 01:11:35 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 84) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 84) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

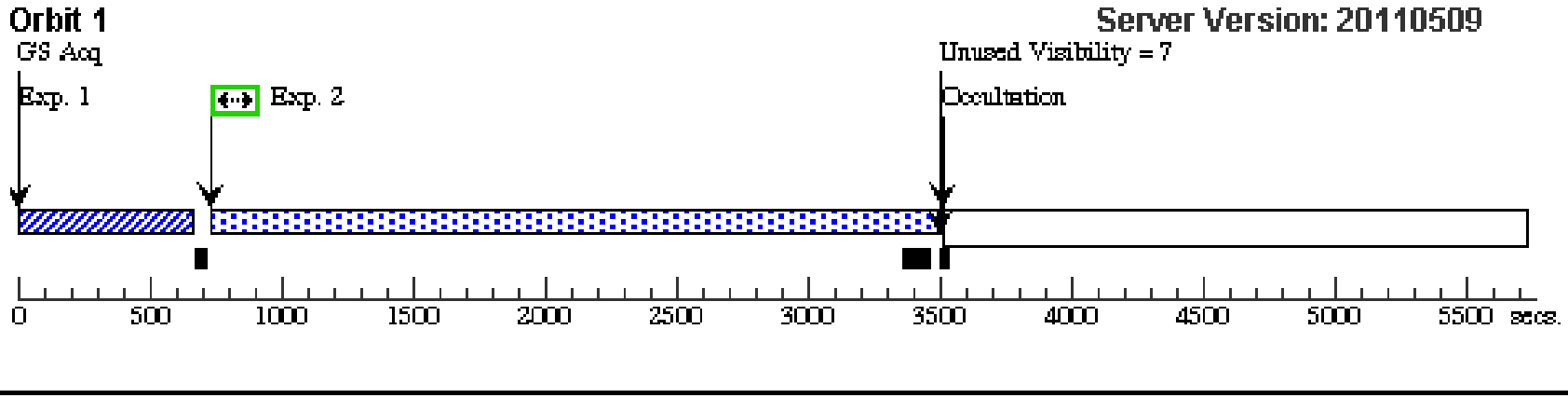
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(34)	SDSSJ112244.89+575543.0	RA: 11 22 44.7600 (170.6865000d) Dec: +57 55 42.96 (57.92860d) Equinox: J2000		V=17.5200+/-0.1 FUV = 17.75	Reference Frame: ICRS

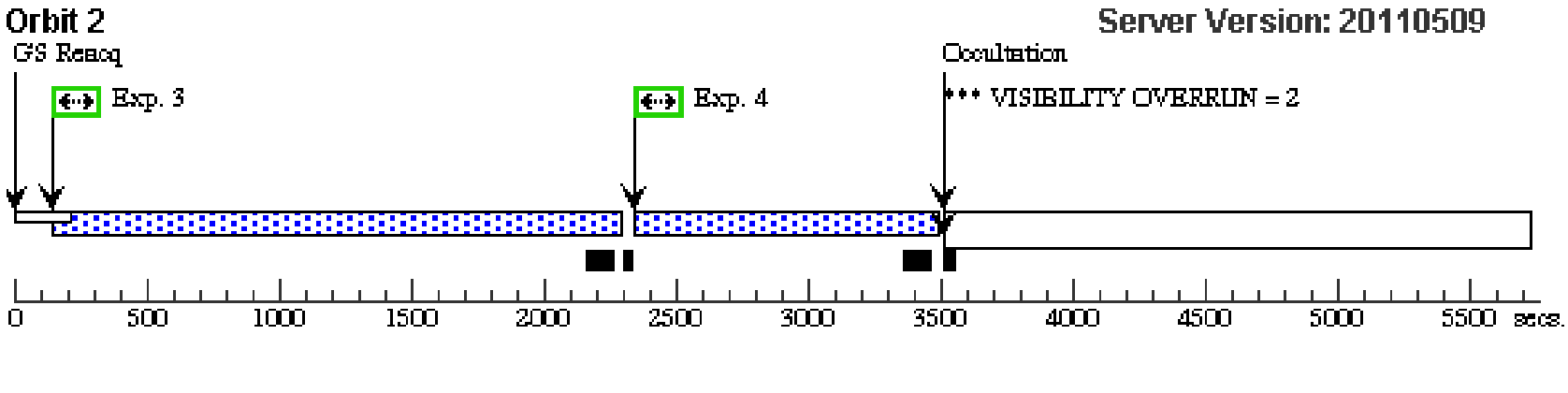
Comments: z = 0.906

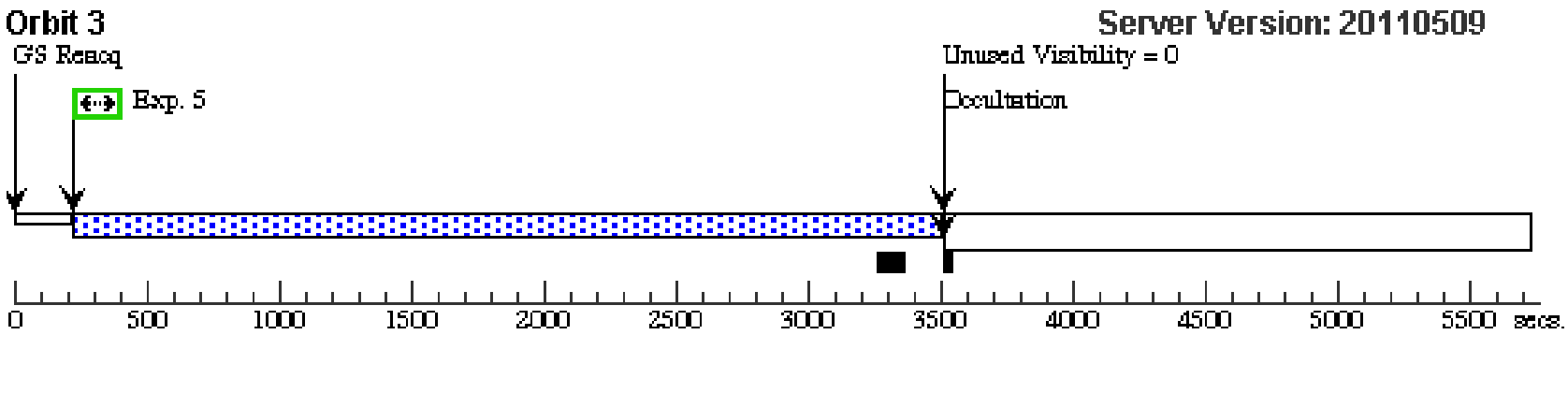
Exposures

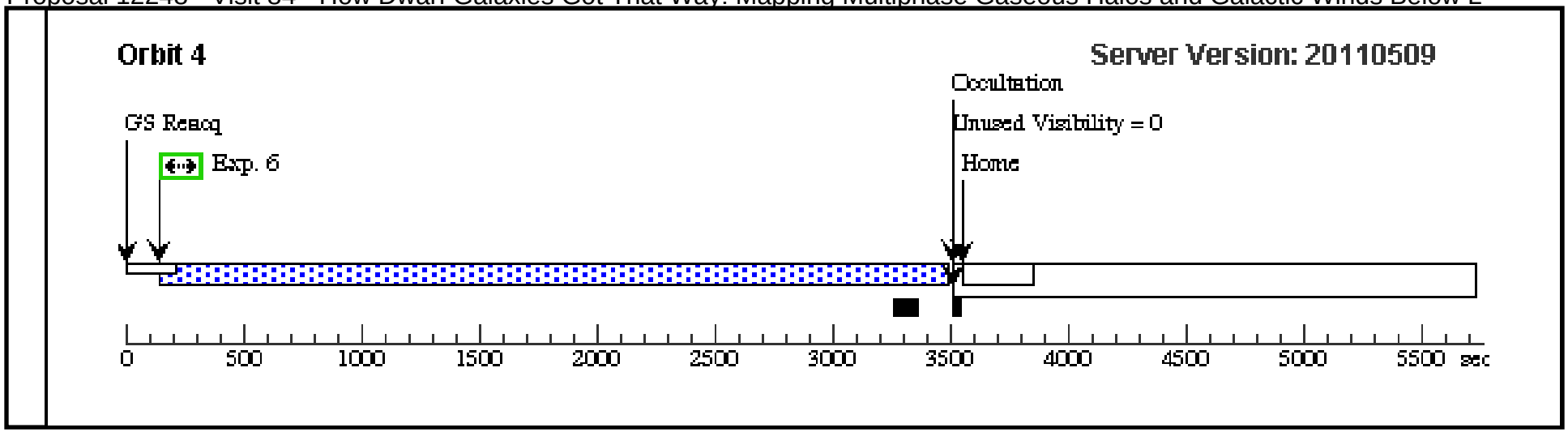
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(34) SDSSJ112244.89+575543.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(34) SDSSJ112244.89+575543.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2484; FLASH=YES			2594 Secs *[==>]*	***[1]***
3		(34) SDSSJ112244.89+575543.0	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1912; FLASH=YES			2022.0 Secs *[==>]*	***[2]***
4		(34) SDSSJ112244.89+575543.0	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=875; FLASH=YES			985.0 Secs *[==>]*	***[2]***
5		(34) SDSSJ112244.89+575543.0	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=3015; FLASH=YES			3225.0 Secs *[==>]*	***[3]***
6		(34) SDSSJ112244.89+575543.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=3015; FLASH=YES			3225.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Occultation
GS Reacq
Unused Visibility = 0
Exp. 6
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1500
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2500
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4000
4500
5000
5500
sec

Proposal 12248 - Visit 85 - How Dwarf Galaxies Got That Way: Mapping Multiphase Gaseous Halos and Galactic Winds Below L*

Visit

Proposal 12248, Visit 85, scheduled Fri Jul 15 01:11:35 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 85) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 85) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

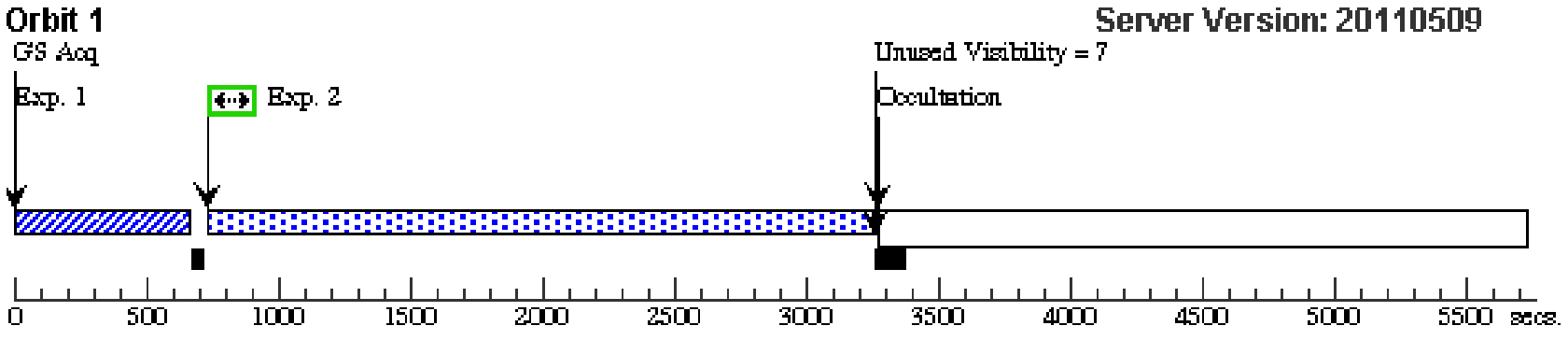
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(35)	SDSSJ133053.27+311930.5	RA: 13 30 53.2800 (202.7220000d) Dec: +31 19 30.72 (31.32520d) Equinox: J2000		V=17.4000+/-0.1 FUV = 17.76	Reference Frame: ICRS

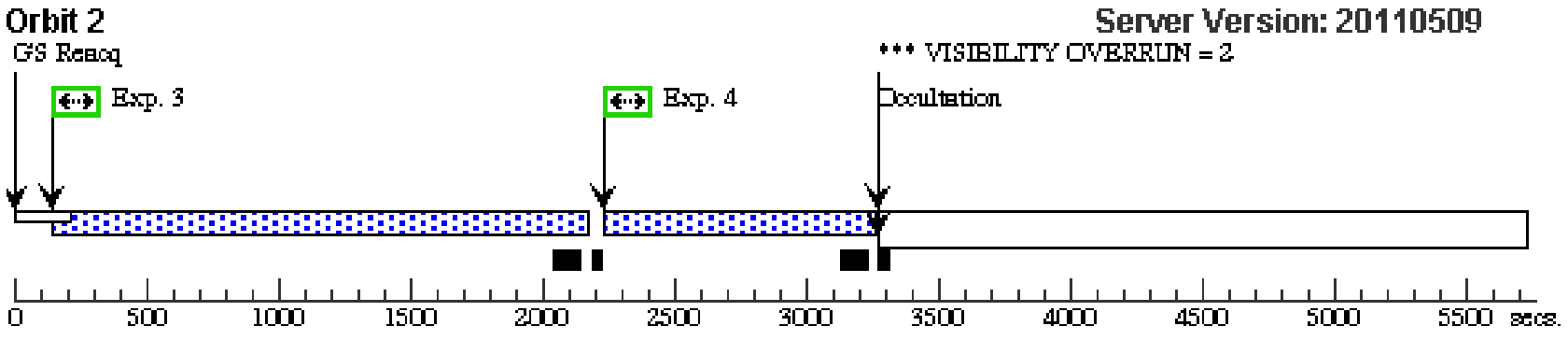
Comments: z = 0.242

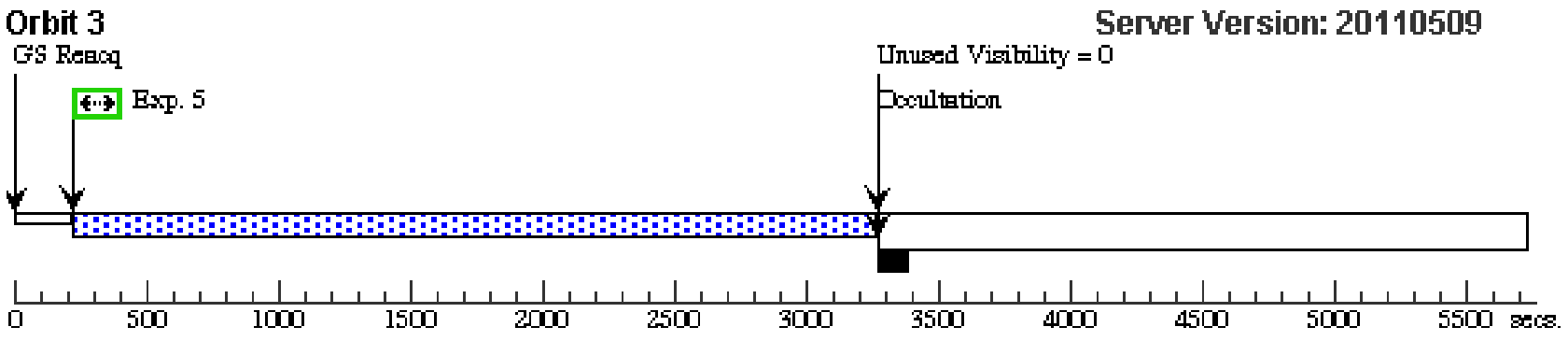
Exposures

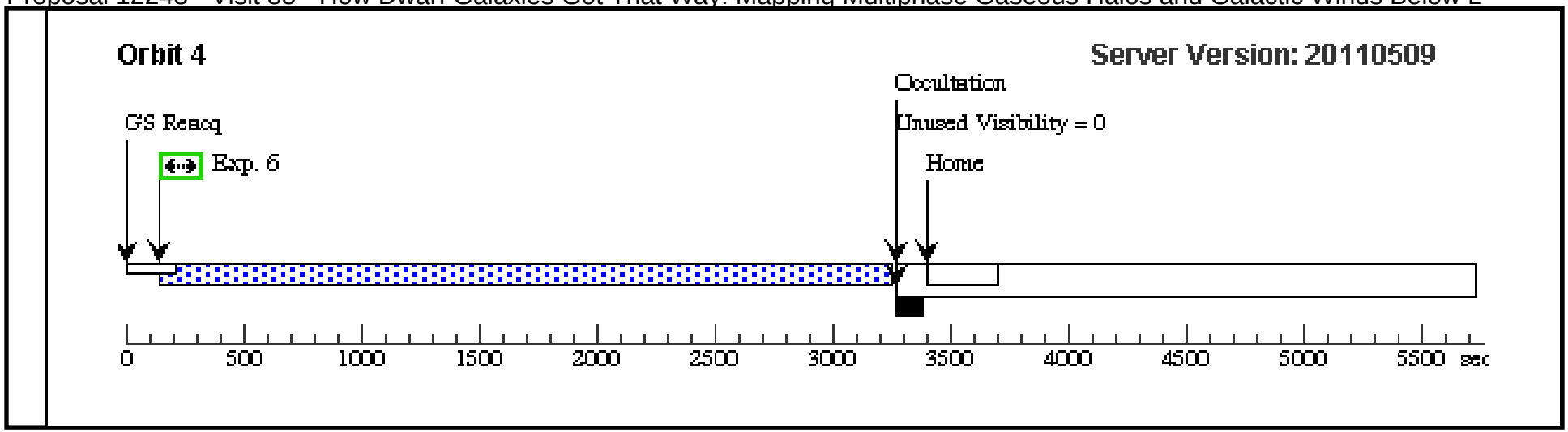
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(35) SDSSJ133053.27+311930.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(35) SDSSJ133053.27+311930.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2314; FLASH=YES			2358 Secs *[==>]*	***[1]***
3		(35) SDSSJ133053.27+311930.5	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1794; FLASH=YES			1904.0 Secs *[==>]*	***[2]***
4		(35) SDSSJ133053.27+311930.5	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=757; FLASH=YES			867.0 Secs *[==>]*	***[2]***
5		(35) SDSSJ133053.27+311930.5	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2965; FLASH=YES			2989.0 Secs *[==>]*	***[3]***
6		(35) SDSSJ133053.27+311930.5	COS/FUV, TIME-TAG, PSA	G160M 1589 A	BUFFER-TIME=2965; FLASH=YES			2989.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Occultation
GS Reacq
Unused Visibility = 0
Exp. 6
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1500
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3500
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4500
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5500
sec

Visit

Proposal 12248, Visit 86, scheduling Fri Jul 15 01:11:36 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 86) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 86) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

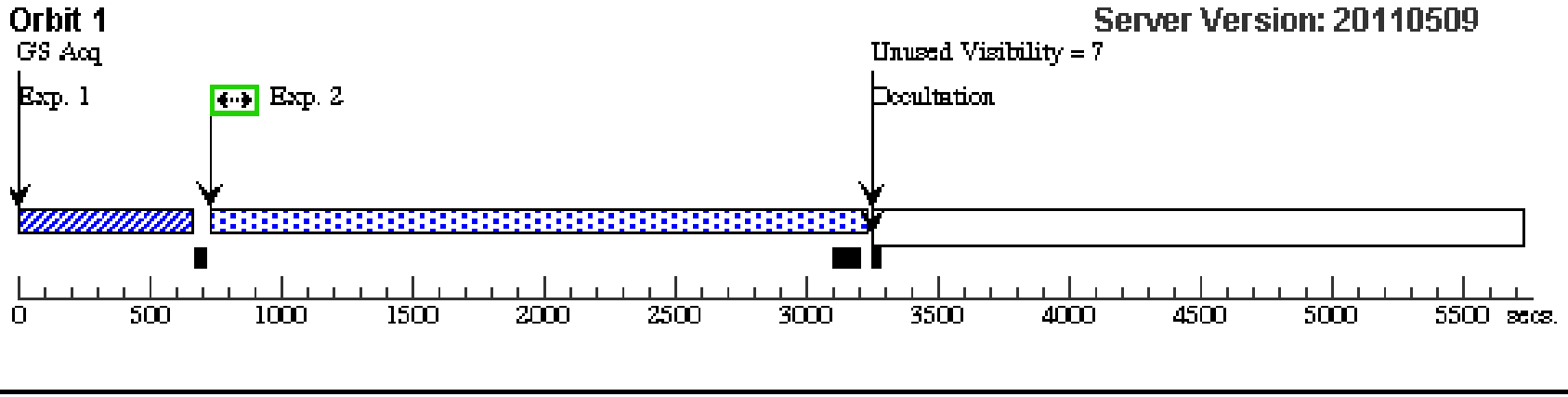
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(36)	SDSSJ113457.62+255527.9	RA: 11 34 57.7200 (173.7405000d) Dec: +25 55 27.84 (25.92440d) Equinox: J2000		V=16.8000+/-0.1 FUV = 17.87	Reference Frame: ICRS

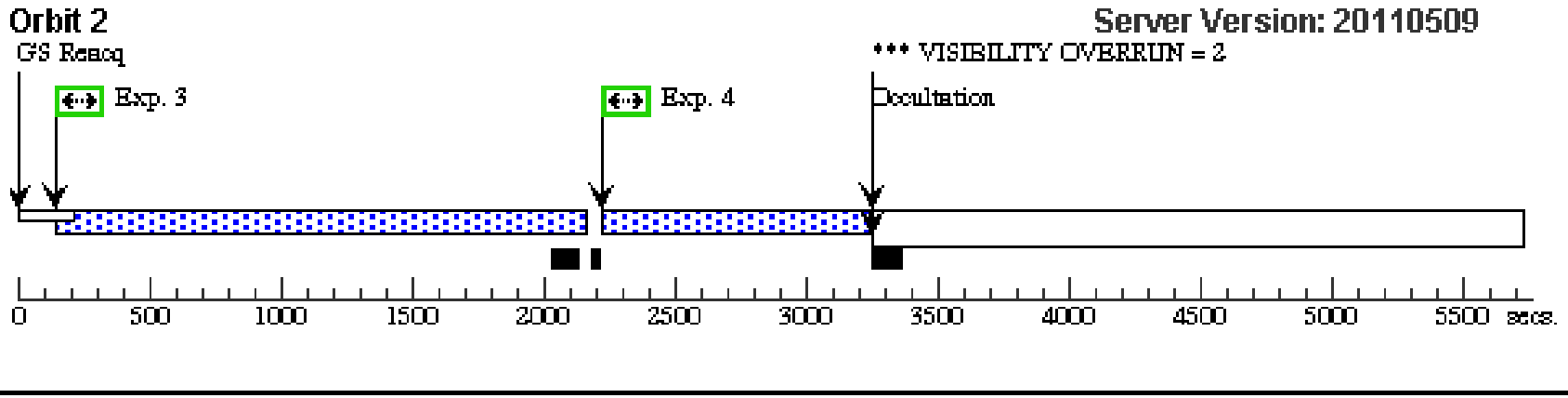
Comments: z = 0.710

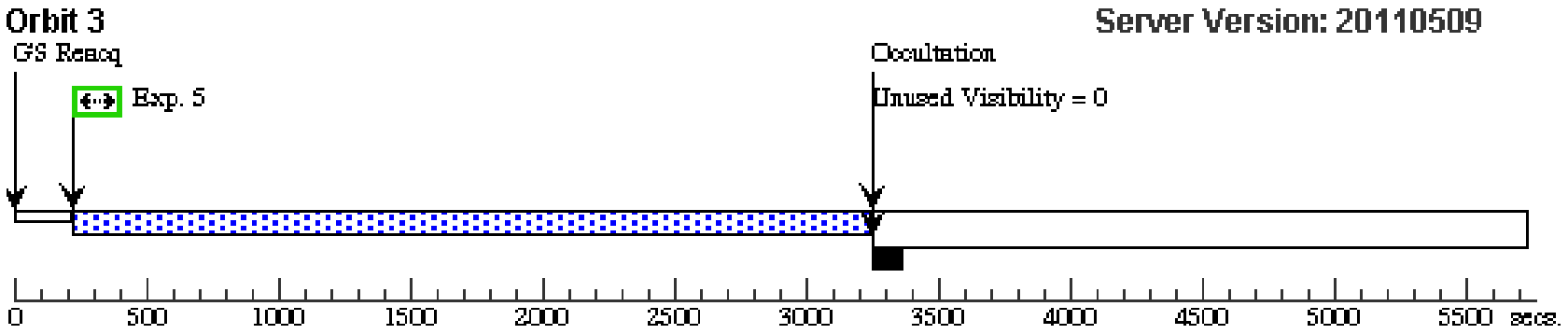
Exposures

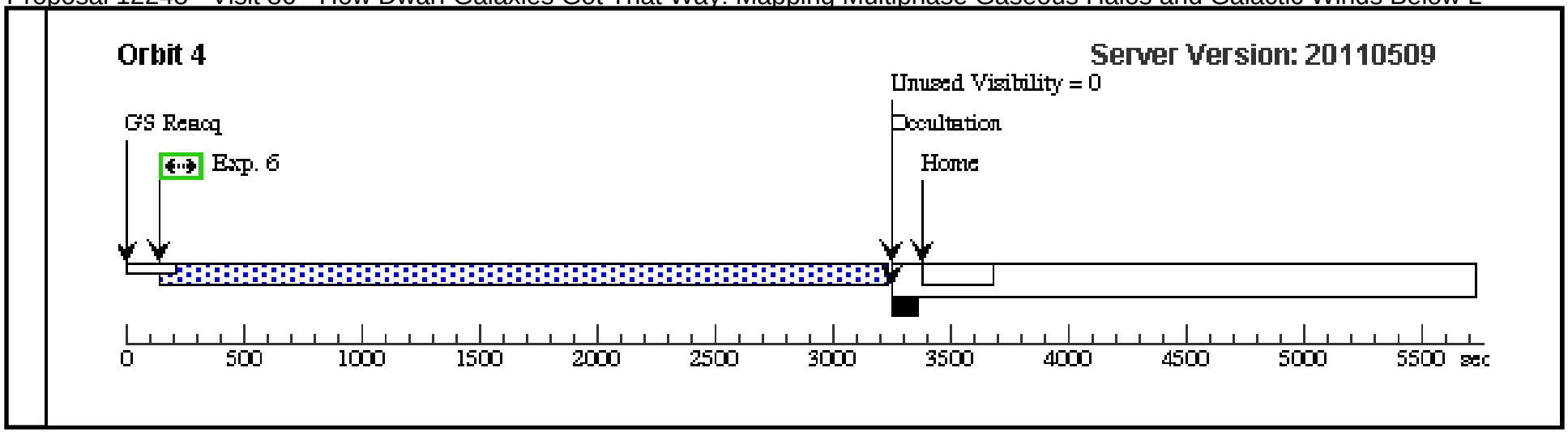
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(36) SDSSJ113457.62+255527.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(36) SDSSJ113457.62+255527.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2230; FLASH=YES			2340 Secs *[==>]*	***[1]***
3		(36) SDSSJ113457.62+255527.9	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1785; FLASH=YES			1895.0 Secs *[==>]*	***[2]***
4		(36) SDSSJ113457.62+255527.9	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=848; FLASH=YES			858.0 Secs *[==>]*	***[2]***
5		(36) SDSSJ113457.62+255527.9	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2965; FLASH=YES			2971.0 Secs *[==>]*	***[3]***
6		(36) SDSSJ113457.62+255527.9	COS/FUV, TIME-TAG, PSA	G160M 1589 A	BUFFER-TIME=2965; FLASH=YES			2971.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Unused Visibility = 0
GS Reacq
Occultation
Exp. 6
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4500
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5500
sec

Visit

Proposal 12248, Visit 87, scheduling Fri Jul 15 01:11:36 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 87) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 87) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

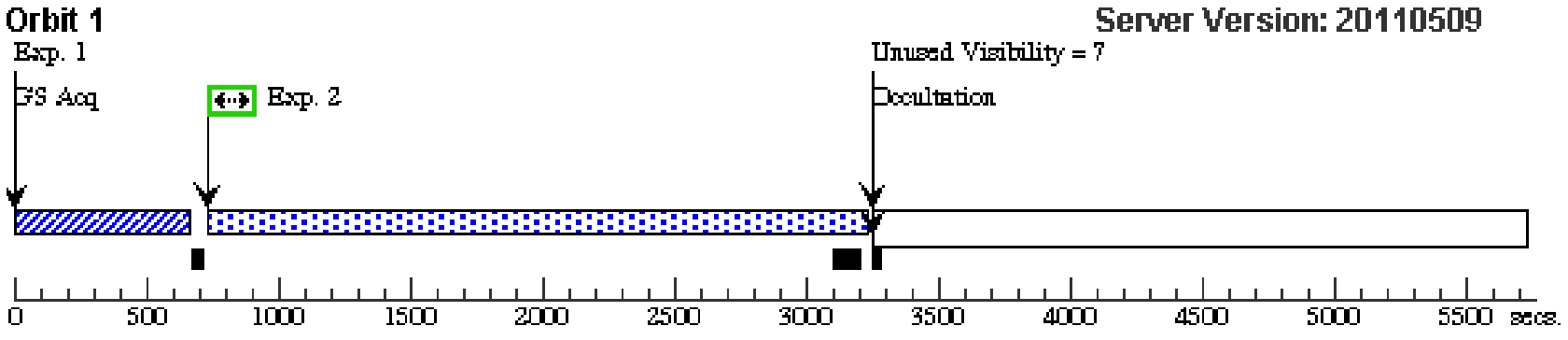
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(37)	SDSSJ123604.02+264135.9	RA: 12 36 3.9600 (189.0165000d) Dec: +26 41 35.88 (26.69330d) Equinox: J2000		V=17.6700+/-0.1 FUV = 17.90	Reference Frame: ICRS

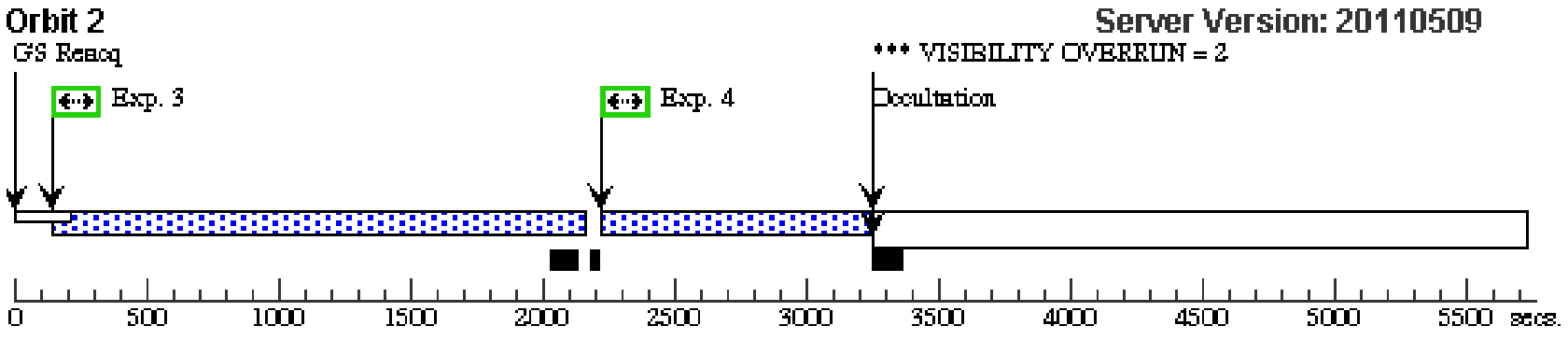
Comments: z = 0.209

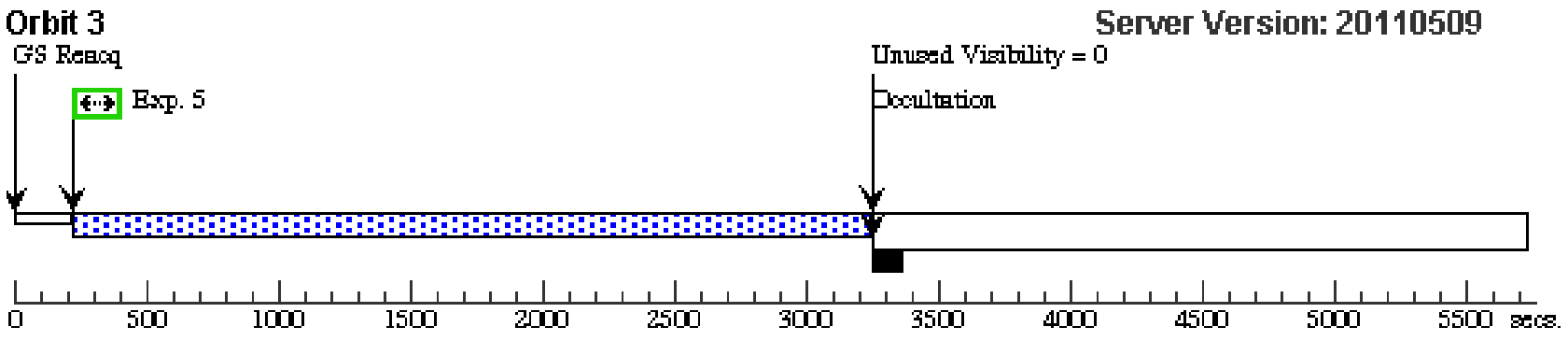
Exposures

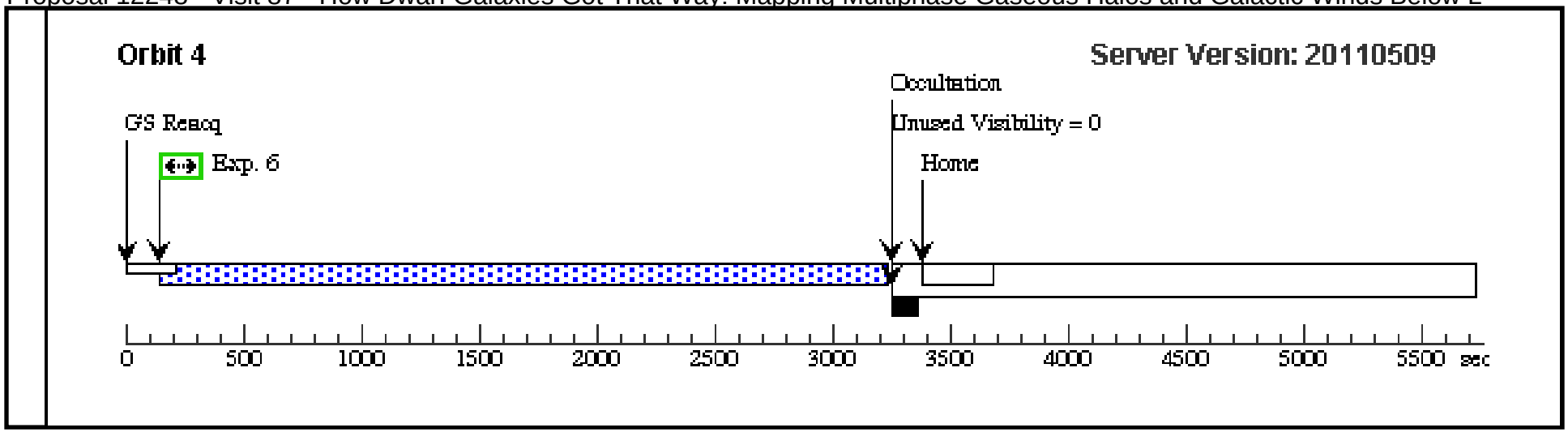
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(37) SDSSJ123604.02+264135.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(37) SDSSJ123604.02+264135.9	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=2230; FLASH=YES			2340 Secs *[==>]*	***[1]***
3		(37) SDSSJ123604.02+264135.9	COS/FUV, TIME-TAG, PSA	G130M 1327 A	BUFFER-TIME=1785; FLASH=YES			1895.0 Secs *[==>]*	***[2]***
4		(37) SDSSJ123604.02+264135.9	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=848; FLASH=YES			858.0 Secs *[==>]*	***[2]***
5		(37) SDSSJ123604.02+264135.9	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2965; FLASH=YES			2971.0 Secs *[==>]*	***[3]***
6		(37) SDSSJ123604.02+264135.9	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=2965; FLASH=YES			2971.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Occultation
GS Reacq
Unused Visibility = 0
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5500
sec

Visit

Proposal 12248, Visit 88, completed Fri Jul 15 01:11:37 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 88) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 88) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

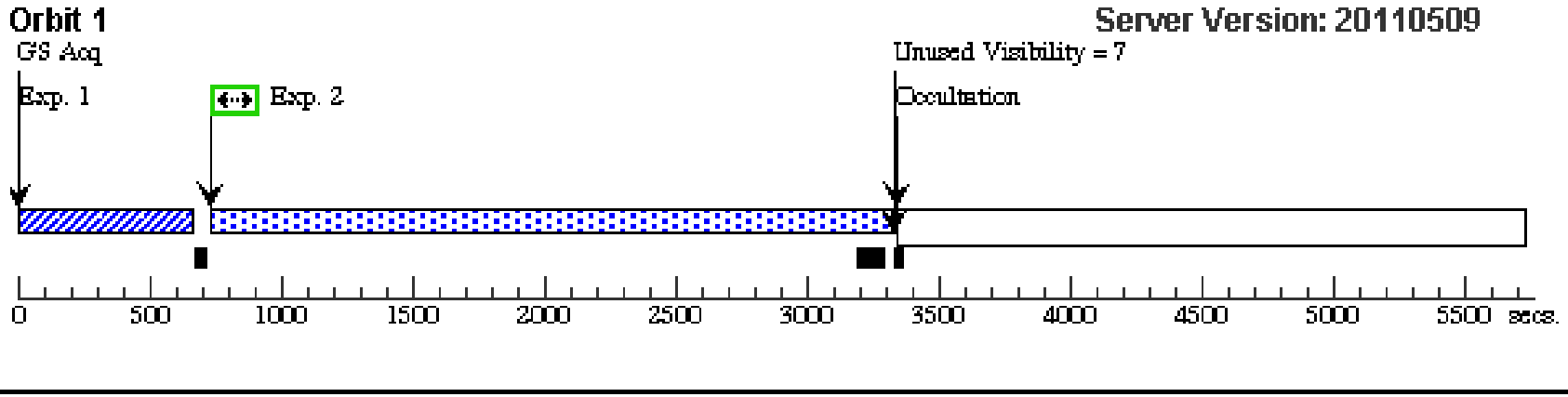
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	SDSSJ110312.93+414154.9	RA: 11 03 12.9600 (165.8040000d) Dec: +41 41 54.96 (41.69860d) Equinox: J2000		V=16.5500+/-0.1 FUV = 17.99	Reference Frame: ICRS

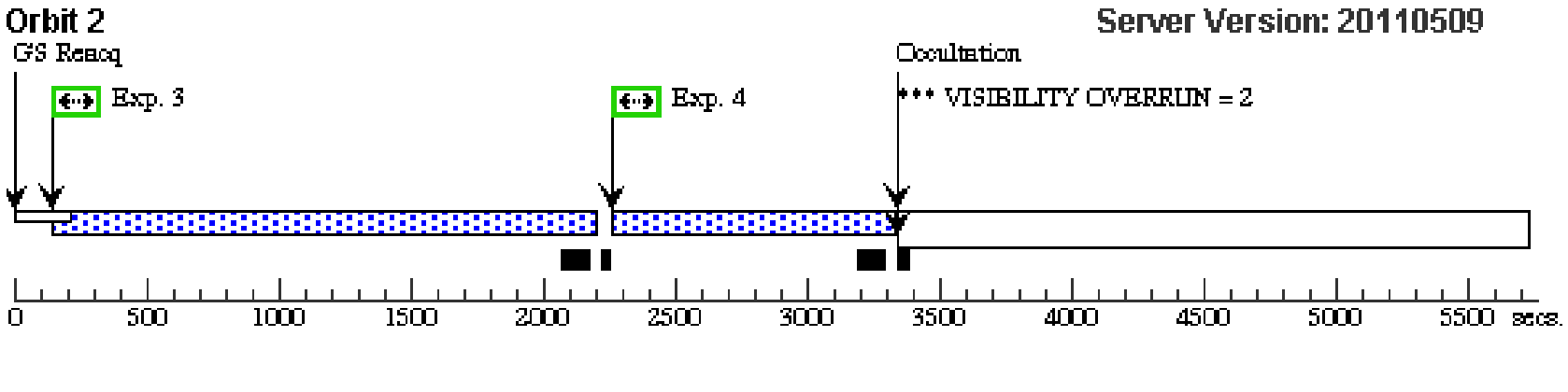
Comments: z = 0.402

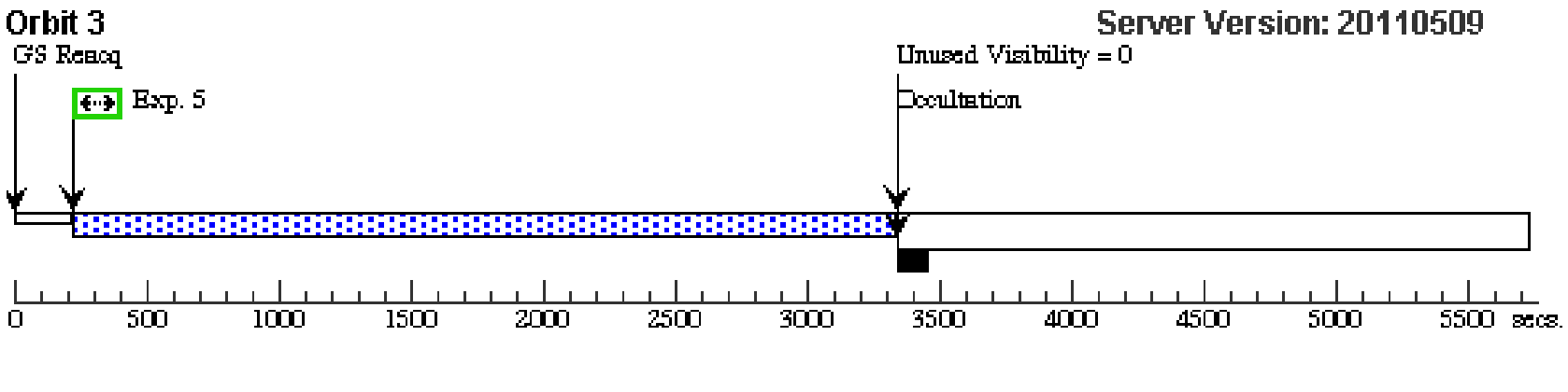
Exposures

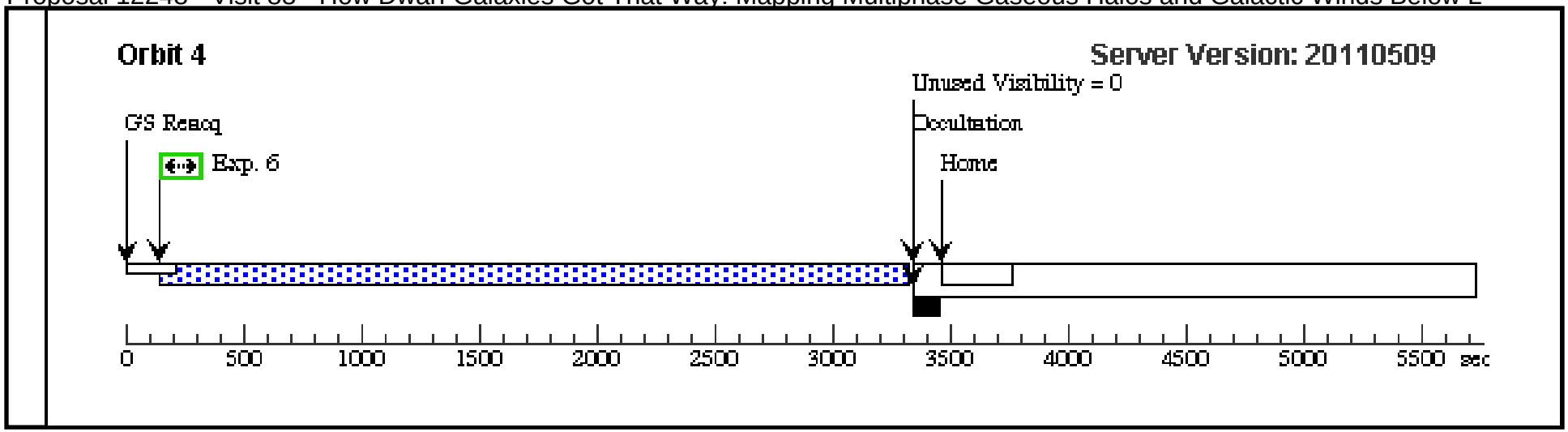
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(38) SDSSJ110312.93+414154.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(38) SDSSJ110312.93+414154.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2314; FLASH=YES			2424 Secs *[==>]*	***[1]***
3		(38) SDSSJ110312.93+414154.9	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1827; FLASH=YES			1937.0 Secs *[==>]*	***[2]***
4		(38) SDSSJ110312.93+414154.9	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=790; FLASH=YES			900.0 Secs *[==>]*	***[2]***
5		(38) SDSSJ110312.93+414154.9	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2965; FLASH=YES			3055.0 Secs *[==>]*	***[3]***
6		(38) SDSSJ110312.93+414154.9	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2965; FLASH=YES			3055.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Unused Visibility = 0
GS Reacq
Occultation
Exp. 6
Home
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1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 89, completed Fri Jul 15 01:11:37 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 89) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 89) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

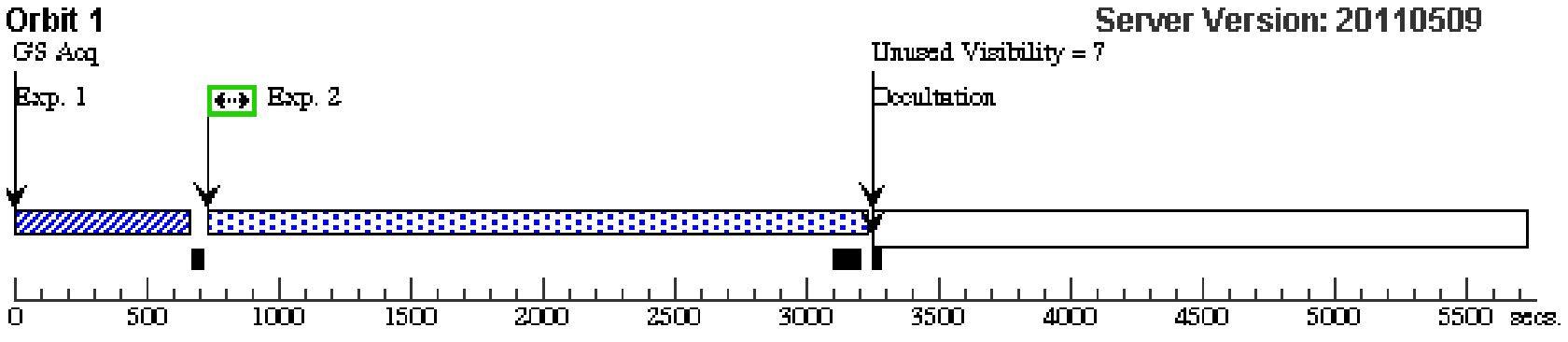
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(39)	SDSSJ105958.82+251708.8	RA: 10 59 58.9200 (164.9955000d) Dec: +25 17 8.88 (25.28580d) Equinox: J2000		V=17.3900+/-0.1 FUV = 18.10	Reference Frame: ICRS

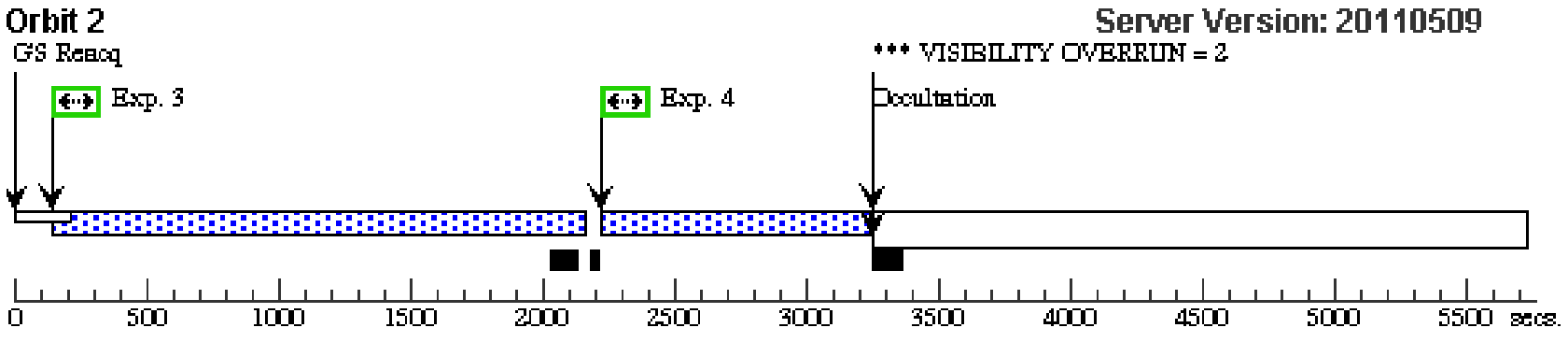
Comments: z = 0.662

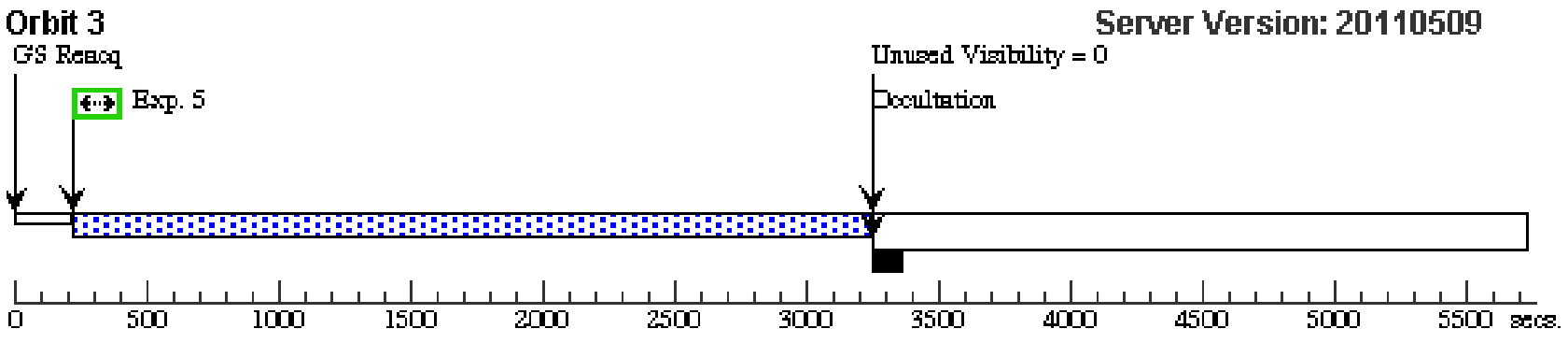
Exposures

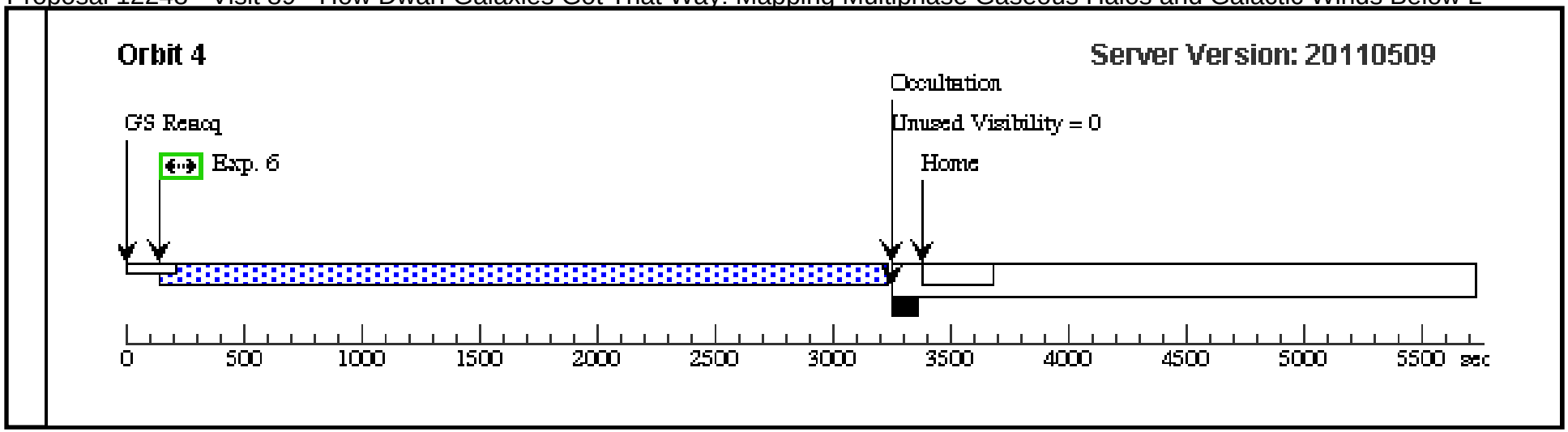
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(39) SDSSJ105958.82+251708.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(39) SDSSJ105958.82+251708.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2230; FLASH=YES			2340 Secs *[==>]*	***[1]***
3		(39) SDSSJ105958.82+251708.8	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1785; FLASH=YES			1895.0 Secs *[==>]*	***[2]***
4		(39) SDSSJ105958.82+251708.8	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=848; FLASH=YES			858.0 Secs *[==>]*	***[2]***
5		(39) SDSSJ105958.82+251708.8	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2965; FLASH=YES			2971.0 Secs *[==>]*	***[3]***
6		(39) SDSSJ105958.82+251708.8	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2965; FLASH=YES			2971.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Occultation
GS Reacq
Unused Visibility = 0
Exp. 6
Home
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1000
1500
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3500
4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 90, completed Fri Jul 15 01:11:38 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 90) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

(Visit 90) Warning (Orbit Planner): VISIBILITY OVERRUN

Fixed Targets

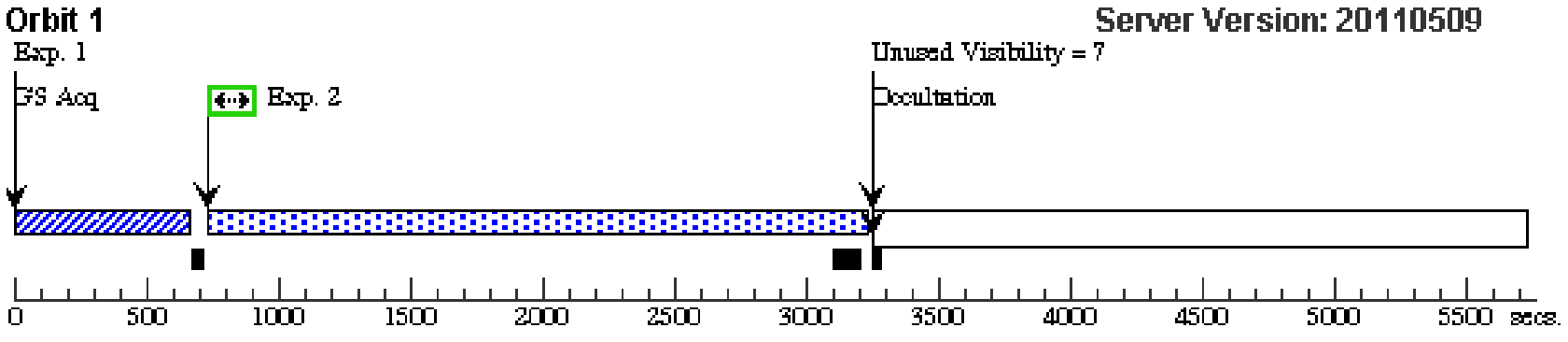
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(40)	SDSSJ091235.42+295725.4	RA: 09 12 35.4240 (138.1476000d) Dec: +29 57 25.56 (29.95710d) Equinox: J2000		V=17.7800+/-0.1 FUV = 18.21	Reference Frame: ICRS

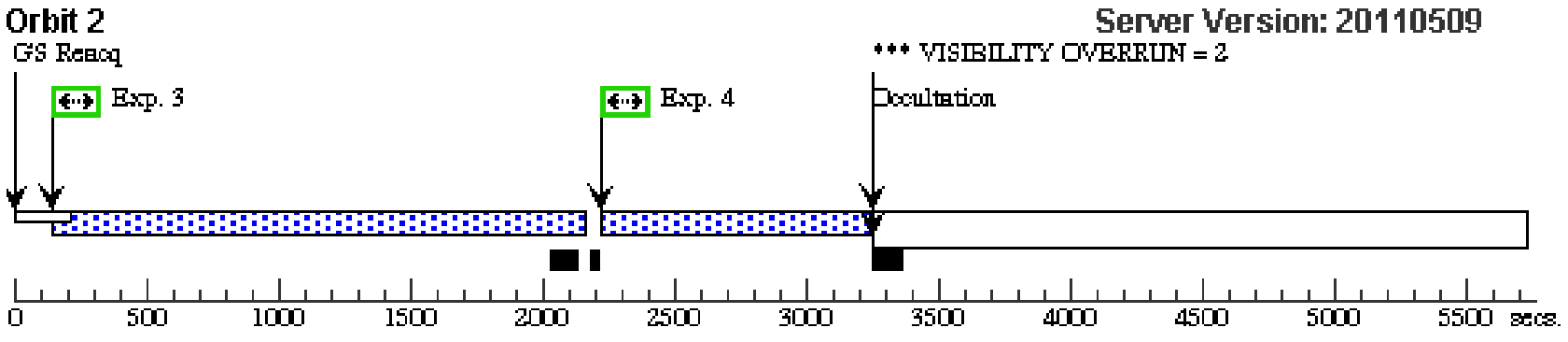
Comments: z = 0.305

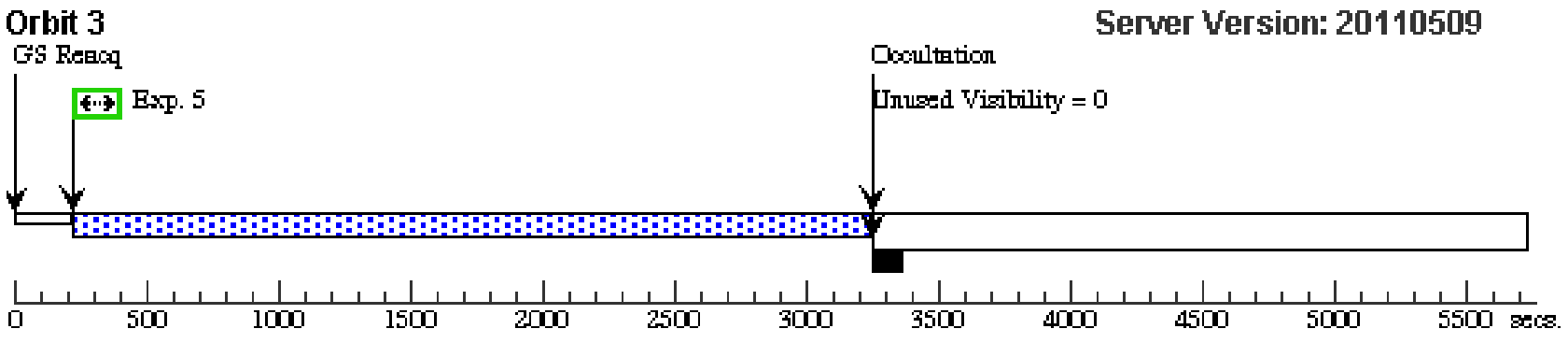
Exposures

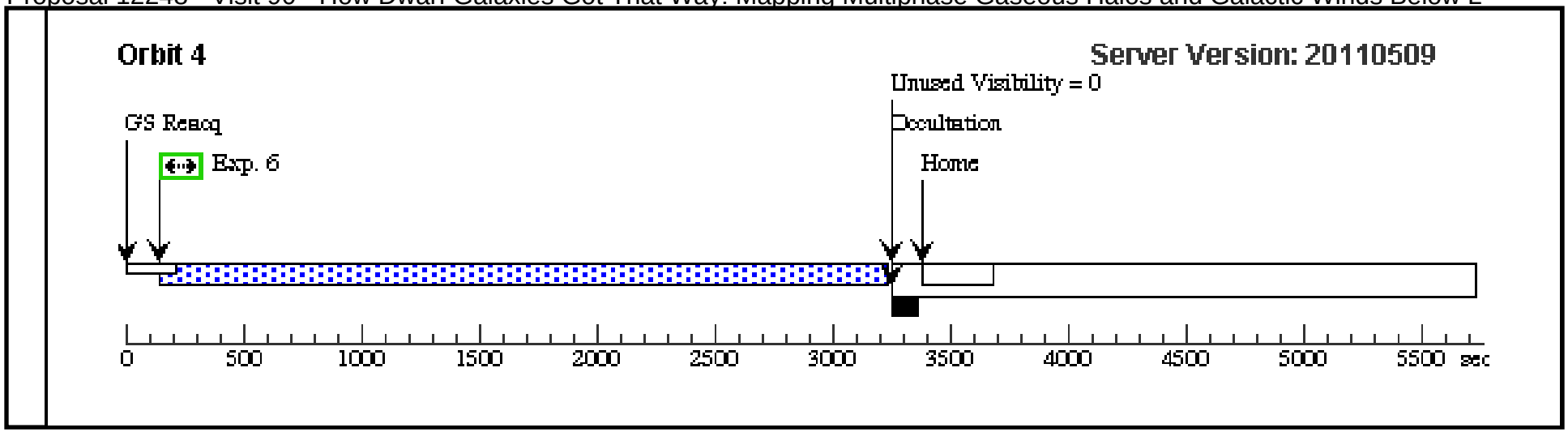
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(40) SDSSJ091235.42+295725.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(40) SDSSJ091235.42+295725.4	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2230; FLASH=YES			2340 Secs *[==>]*	***[1]***
3		(40) SDSSJ091235.42+295725.4	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1785; FLASH=YES			1895.0 Secs *[==>]*	***[2]***
4		(40) SDSSJ091235.42+295725.4	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=848; FLASH=YES			858.0 Secs *[==>]*	***[2]***
5		(40) SDSSJ091235.42+295725.4	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2965; FLASH=YES			2971.0 Secs *[==>]*	***[3]***
6		(40) SDSSJ091235.42+295725.4	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2965; FLASH=YES			2971.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Unused Visibility = 0
GS Reacq
Occultation
Exp. 6
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4000
4500
5000
5500
sec

Visit

Proposal 12248, Visit 91, completed Fri Jul 15 01:11:39 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: (none)

Diagnostics

(Visit 91) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 91) Warning (Form): If the target coordinates are not known to 0.4" (or better) an ACQ/SEARCH should precede the ACQ/IMAGE.

Fixed Targets

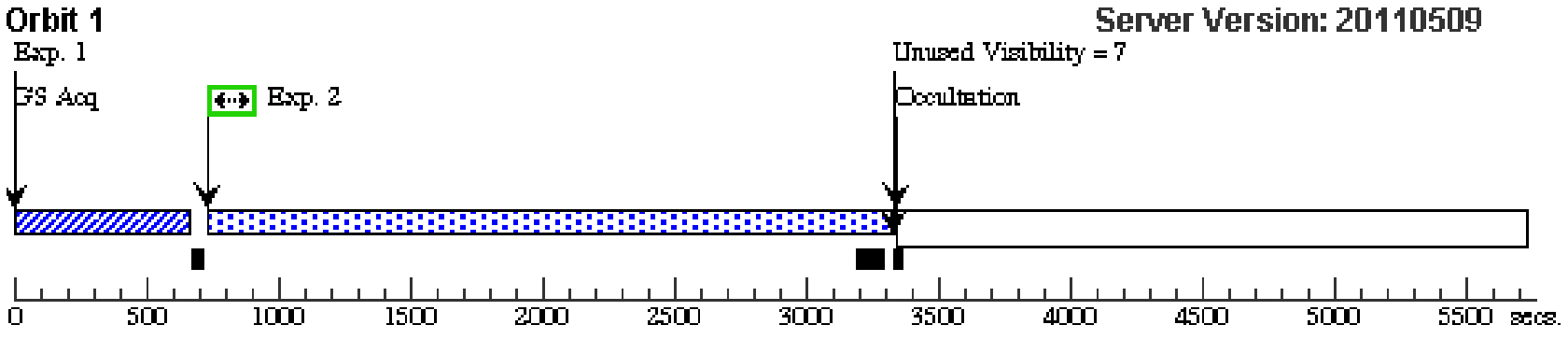
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(41)	SDSSJ084349.49+411741.6	RA: 08 43 49.4760 (130.9561500d) Dec: +41 17 41.64 (41.29490d) Equinox: J2000		V=17.3100+/-0.1 FUV = 18.23	Reference Frame: ICRS

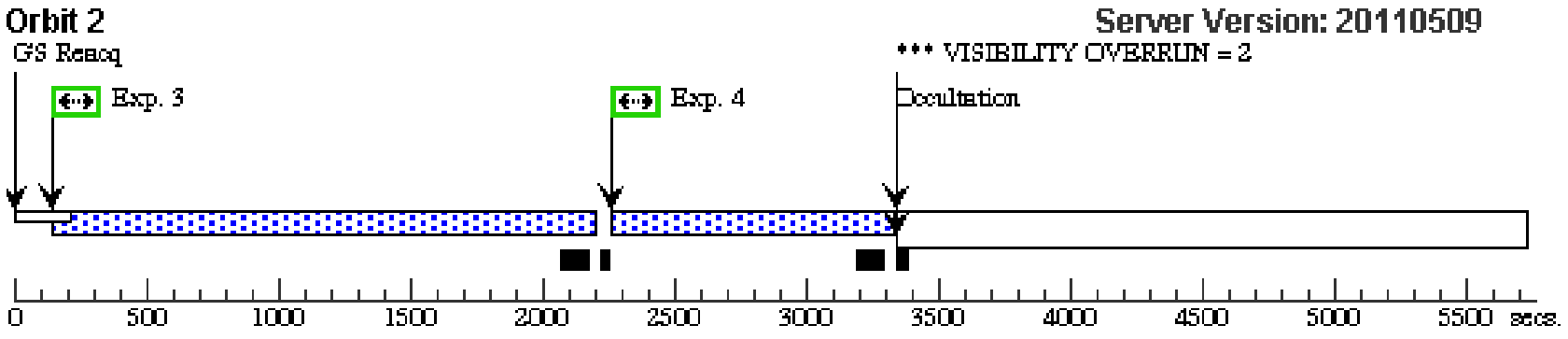
Comments: z = 0.990

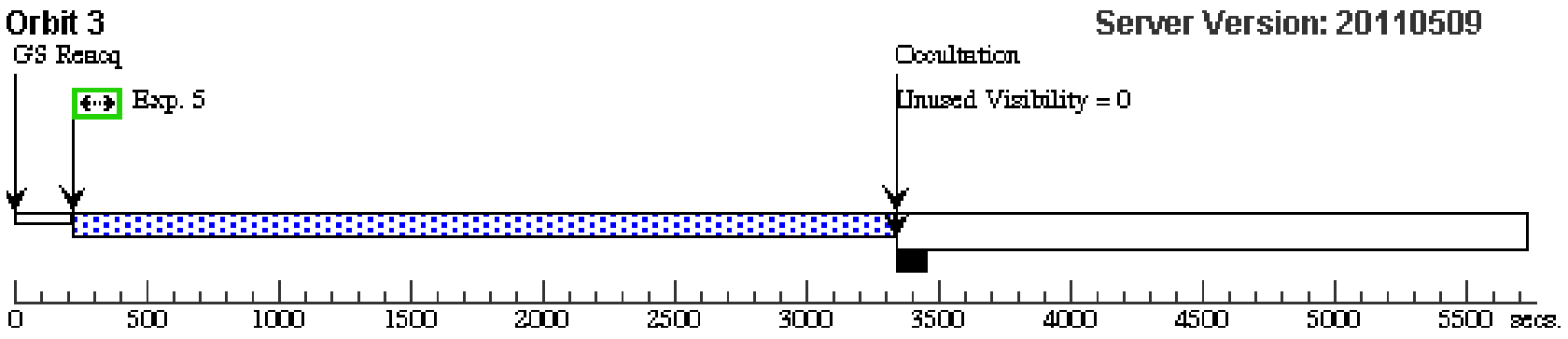
Exposures

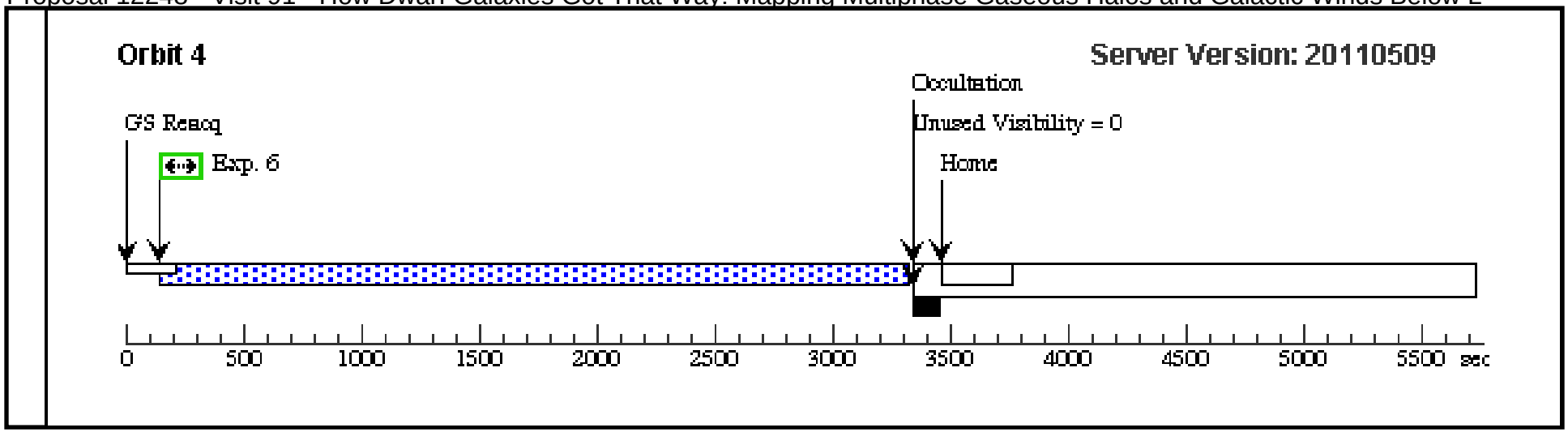
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Target Acq	(41) SDSSJ084349.49+411741.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs *[==>]*	***[1]***
2		(41) SDSSJ084349.49+411741.6	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=2314; FLASH=YES			2424 Secs *[==>]*	***[1]***
3		(41) SDSSJ084349.49+411741.6	COS/FUV, TIME-TAG, PSA	G130M 1309 A	BUFFER-TIME=1827; FLASH=YES			1937.0 Secs *[==>]*	***[2]***
4		(41) SDSSJ084349.49+411741.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=790; FLASH=YES			900.0 Secs *[==>]*	***[2]***
5		(41) SDSSJ084349.49+411741.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2965; FLASH=YES			3055.0 Secs *[==>]*	***[3]***
6		(41) SDSSJ084349.49+411741.6	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=2965; FLASH=YES			3055.0 Secs *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20110509
Occultation
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1500
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5500
sec