12310 - LARS - The Lyman Alpha Reference Sample

Cycle: 18, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
31	(1) SDSS-J132844.05+435550.5	WFC3/UVIS	2	21-Apr-2011 21:01:26.0	yes
51	(1) SDSS-J132844.05+435550.5	ACS/SBC	2	21-Apr-2011 21:01:36.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
32	(2) SDSS-J090704.88+532656.6	WFC3/UVIS	2	21-Apr-2011 21:01:45.0	yes
84	(2) SDSS-J090704.88+532656.6	WFC3/UVIS	2	21-Apr-2011 21:01:52.0	yes
52	(2) SDSS-J090704.88+532656.6	ACS/SBC	2	21-Apr-2011 21:01:59.0	yes
33	(3) SDSS-J131535.06+620728.6	WFC3/UVIS	2	21-Apr-2011 21:02:05.0	yes
53	(3) SDSS-J131535.06+620728.6	ACS/SBC	2	21-Apr-2011 21:02:11.0	yes
34	(4) SDSS-J130728.45+542652.3	WFC3/UVIS	2	21-Apr-2011 21:02:19.0	yes
35	(5) MRK-1486	WFC3/UVIS	2	21-Apr-2011 21:02:25.0	yes
36	(6) SDSS-J154544.52+441551.8	WFC3/UVIS	2	21-Apr-2011 21:02:32.0	yes
85	(6) SDSS-J154544.52+441551.8	WFC3/UVIS	2	21-Apr-2011 21:02:38.0	yes
56	(6) SDSS-J154544.52+441551.8	ACS/SBC	2	21-Apr-2011 21:02:44.0	yes
37	(7) SDSS-J131603.91+292254.0	ACS/WFC WFC3/UVIS	2	21-Apr-2011 21:02:52.0	yes
57	(7) SDSS-J131603.91+292254.0	ACS/SBC	2	21-Apr-2011 21:02:58.0	yes
38	(8) SDSS-J125013.50+073441.5	WFC3/UVIS	1	21-Apr-2011 21:03:05.0	yes
78	(8) SDSS-J125013.50+073441.5	ACS/WFC	1	21-Apr-2011 21:03:08.0	yes
58	(8) SDSS-J125013.50+073441.5	ACS/SBC	2	21-Apr-2011 21:03:13.0	yes
39	(9) SDSS-J082354.96+280621.6	ACS/WFC WFC3/UVIS	2	21-Apr-2011 21:03:20.0	yes
59	(9) SDSS-J082354.96+280621.6	ACS/SBC	2	21-Apr-2011 21:03:28.0	yes
40	(10) SDSS-J130141.52+292252.8	ACS/WFC WFC3/UVIS	2	21-Apr-2011 21:03:35.0	yes
60	(10) SDSS-J130141.52+292252.8	ACS/SBC	2	21-Apr-2011 21:03:41.0	yes
41	(11) SDSS-J140347.22+062812.1	ACS/WFC WFC3/UVIS	2	21-Apr-2011 21:03:47.0	yes
61	(11) SDSS-J140347.22+062812.1	ACS/SBC	2	21-Apr-2011 21:03:55.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
42	(12) LEDA-27453	ACS/WFC WFC3/UVIS	2	21-Apr-2011 21:04:01.0	yes
62	(12) LEDA-27453	ACS/SBC	1	21-Apr-2011 21:04:05.0	yes
43	(13) SDSS-J015028.39+130858.4	WFC3/UVIS	1	21-Apr-2011 21:04:08.0	yes
63	(13) SDSS-J015028.39+130858.4	ACS/SBC	1	21-Apr-2011 21:04:10.0	yes
83	(13) SDSS-J015028.39+130858.4	ACS/WFC	1	21-Apr-2011 21:04:13.0	yes
44	(14) SDSS-J092600.41+442736.1	ACS/SBC ACS/WFC WFC3/UVIS	3	21-Apr-2011 21:04:19.0	yes

53 Total Orbits Used

ABSTRACT

Lyman-alpha (Lya) is intrinsically the strongest recombination line in HII nebulae, reprocessing around 1/3 of the ionizing energy. This fact, combined with a rest wavelength that makes it convenient for high redshift studies have made Lya the dominant spectral probe of galaxy formation and evolution in the distant universe. At the same time, our understanding of emission and escape from galaxies is extremely patchy, for two reasons: 1) The resonant nature of Lya makes radiative transfer effects very important, and 2) with a rest wavelength pretty far out in the ultra violet (UV), detailed studies of local galaxies are difficult and require space instrumentation. In contrast to the thousands of galaxies in the nearby universe that have been studied at high spatial resolution (through ground based telescopes and yet a little further with HST) in optical broad bands and emission lines like H-alpha, only six (sic!) galaxies have Lya imaging available.

The Lya images available so far indicate that when Lya escapes, it does so primarilly through a low surface brightness resonantly scattered component. With this proposal, we aim at observing 14 new targets and thereby increase the number of high resolution Lya images to 20, for a UV and H-alpha selected sample. By utilizing an alternative observational approach we will also improve the quality of the images by an order of magnitude. A better physical understanding of how Lya photons travel through and escape from galaxies is vital for interpreting and understanding observations at high redshifts, and would be an important legacy of HST in the JWST and ELT era, when the high-resolution UV imaging window on the Universe has been closed.

OBSERVING DESCRIPTION

We will image 14 targets in Lyman alpha, Halpha, Hbeta and UV/optical continuum filters, but in a few cases one or several of the passbands needed are already available in the archive and those observations will not be repeated. An effective Lyman alpha bandpass is formed by the subtraction of two ACS/SBC long pass filters: F125LP-F140LP for redshifts 0.028-0.11 and F140LP-F150LP for z=0.14-0.20. Images in these created passband still need to be continuum subtracted and for this we use a SED fitting software that models the stellar and nebular continuum from the UV to the optical. The method is fully described in Hayes et al. 2009 (AJ 138, 911) .

The standard observational setup is: 2 orbits per target with ACS/SBC and filters F125LP (during the shadow part of the orbits), F140LP and F150LP; and 2 orbits with WFC3/UVIS and filters F336W, F438W, F775W, F502N and F673N. This setup is optimal up to z=0.036. At higher redshifts, we adjust the choice of narrow band filters that we use to capture Halpha and Hbeta, and for z>0.04 we use the ACS/WFC ramp filters for this purpose. For z>0.14 we also change the WFC3 broadband filters to: F390W, F475W and F850LP to account for the fact that the SEDs have been significantly redshifted. Each exposure is split into 2-4 subexposures with dither steps in between.

We have requested that our SBC observations should be scheduled in such a way that the SBC was not used in the preceding orbits, in order to ensure a low dark current of the SBC detector.

ADDITIONAL COMMENTS

N/A

Visit

Proposal 12310, Visit 31, scheduling Fri Apr 22 01:04:25 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 0D TO 40 D; ORIENT 180.0D TO 220.0 D

Comments: Target 1: (WFC3-WFC3)

Optical observations only. Corresponding UV observations in visit 51

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC. We want to start with SBC cool to lower the dark current.

During orbits 2 and 3 we would like the ACS/SBC to be turned off, again to improve on the dark current.

Fixed Targets

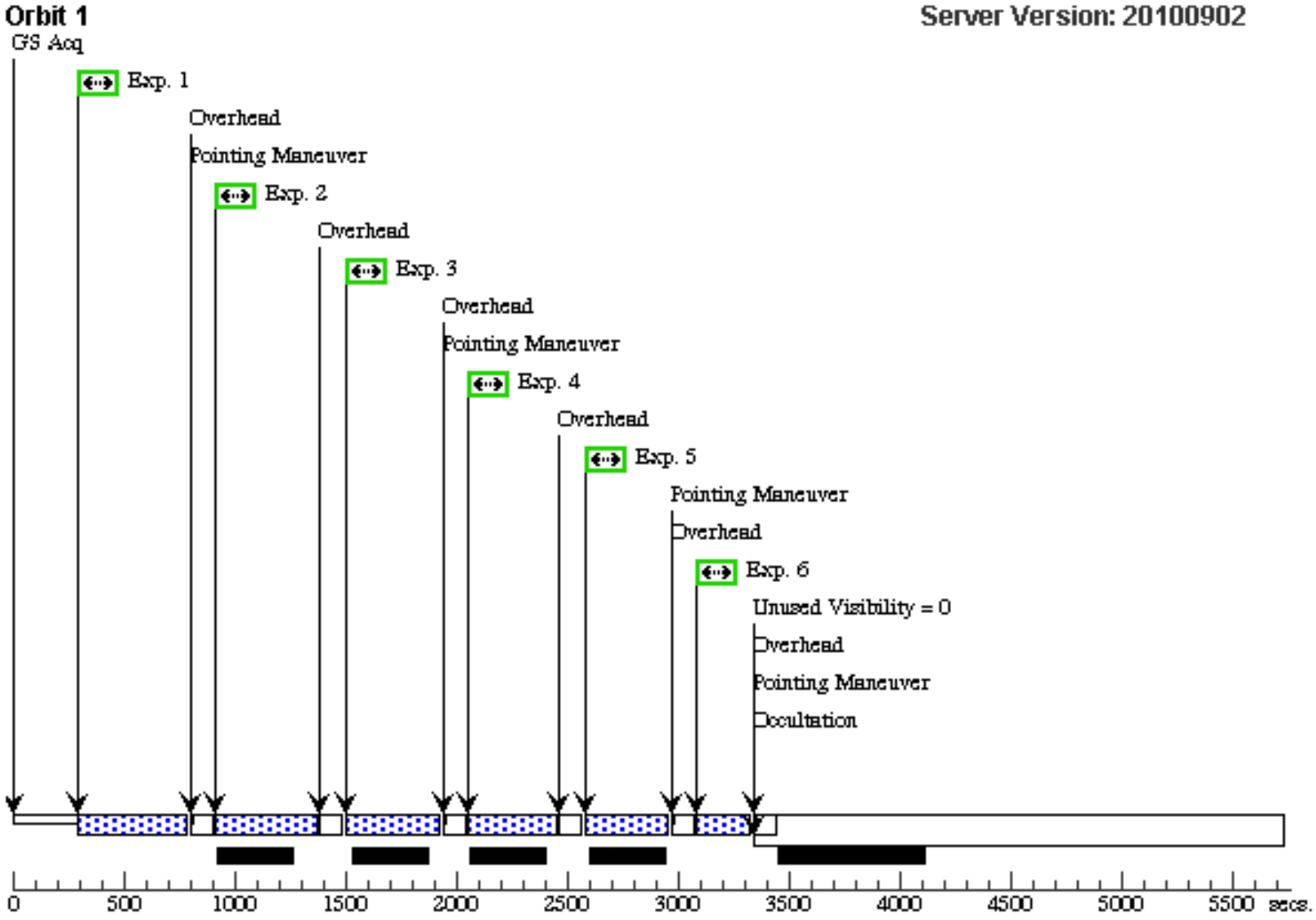
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	SDSS-J132844.05+435550.5	RA: 13 28 43.9000 (202.1829167d) Dec: +43 55 50.00 (43.93056d) Equinox: J2000		V=16.26+/-0.01	Reference Frame: ICRS

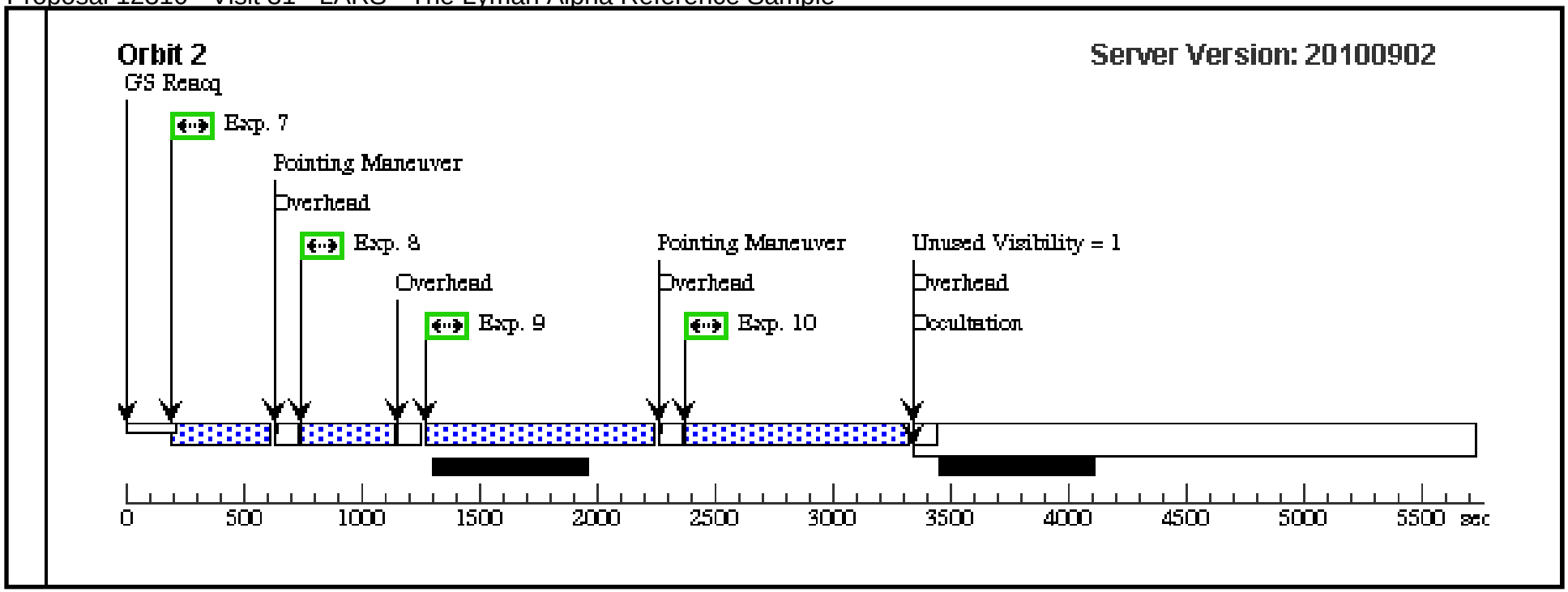
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) SDSS-J132844.05+435550.5	WFC3/UVIS, ACCUM, UVIS2	F336W				460 Secs	
								[==>]	***[1]***
2		(1) SDSS-J132844.05+435550.5	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		460 Secs	
								[==>]	***[1]***
3		(1) SDSS-J132844.05+435550.5	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		400 Secs	
								[==>]	***[1]***
4		(1) SDSS-J132844.05+435550.5	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		400 Secs	
								[==>]	***[1]***
5		(1) SDSS-J132844.05+435550.5	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		360 Secs	
								[==>]	***[1]***
6		(1) SDSS-J132844.05+435550.5	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		240 Secs	
								[==>]	***[1]***
7		(1) SDSS-J132844.05+435550.5	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 1		400 Secs	
								[==>]	***[2]***
8		(1) SDSS-J132844.05+435550.5	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 2		400 Secs	
								[==>]	***[2]***
9		(1) SDSS-J132844.05+435550.5	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 2		950 Secs	
								[==>]	***[2]***
10		(1) SDSS-J132844.05+435550.5	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 1		950 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
GS Reacq
Exp. 7
Pointing Maneuver
Overhead
Exp. 8
Overhead
Exp. 9
Pointing Maneuver
Overhead
Exp. 10
Unused Visibility = 1
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 51, scheduling Fri Apr 22 01:04:27 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/SBC

Special Requirements: ORIENT 0D TO 40 D; ORIENT 180.0D TO 220.0 D

Comments: Target 1: (SBC-SBC)

UV observations only. Corresponding optical observations in visit 31

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC. We want to start with SBC cool to lower the dark current.

Fixed Targets

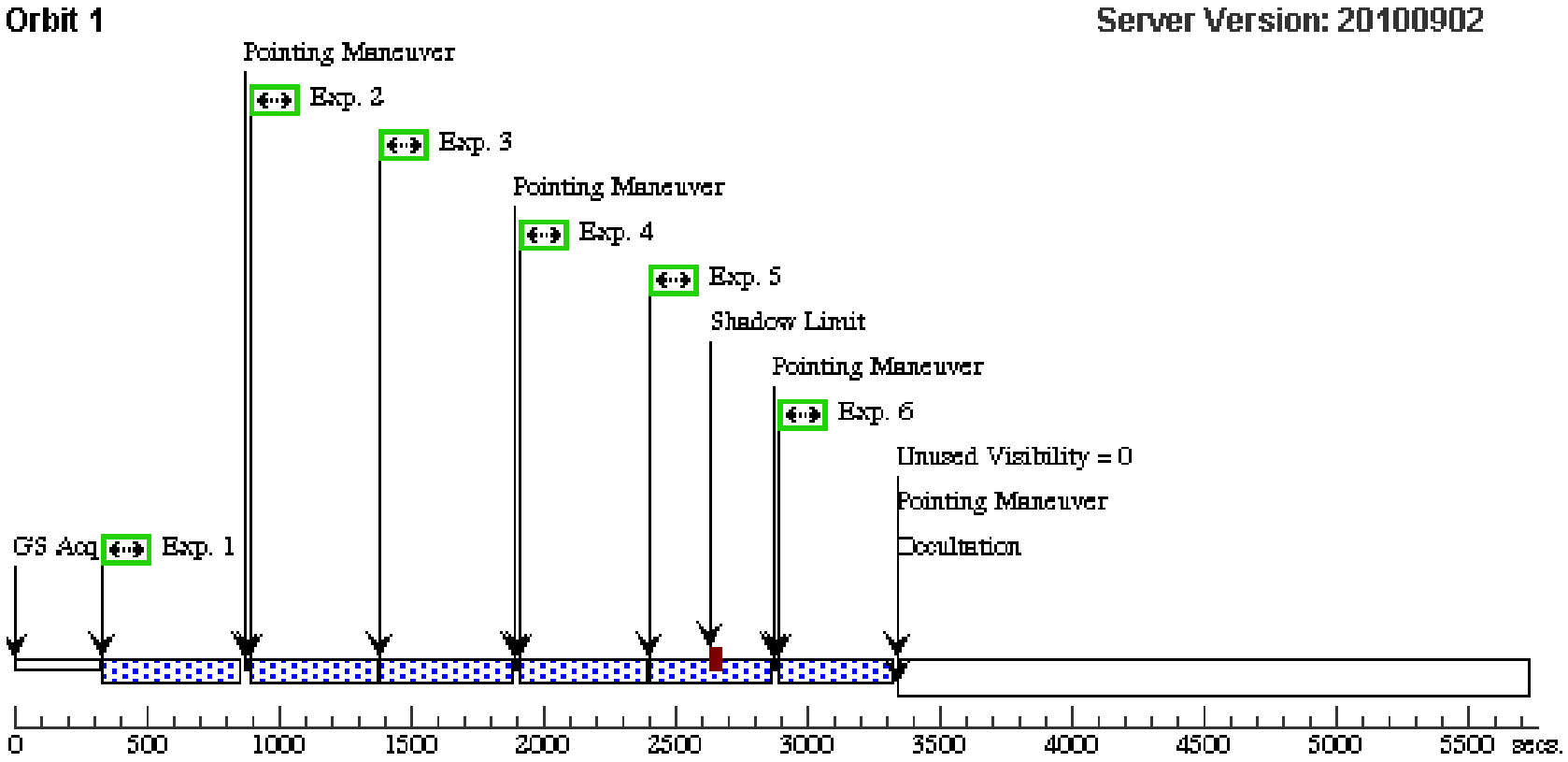
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	SDSS-J132844.05+435550.5	RA: 13 28 43.9000 (202.1829167d) Dec: +43 55 50.00 (43.93056d) Equinox: J2000		V=16.26+/-0.01	Reference Frame: ICRS

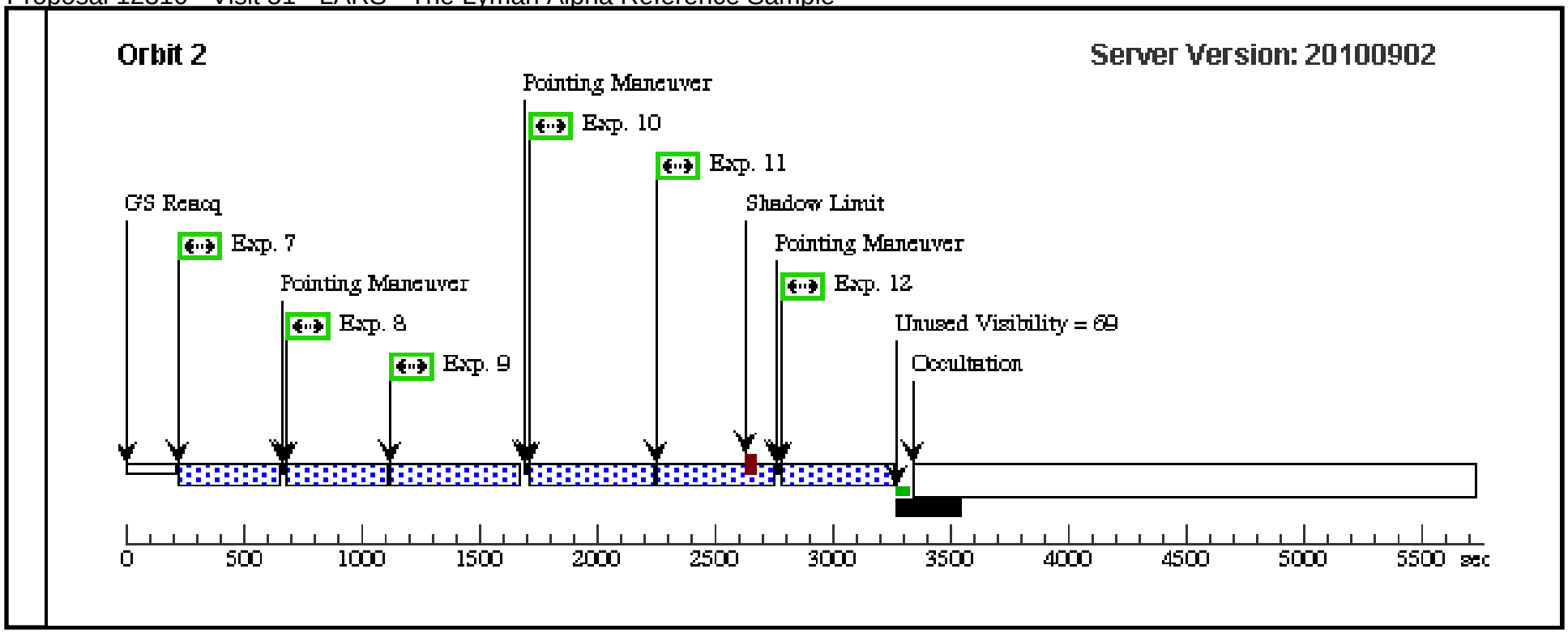
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F140LP				457 Secs *[==>]*	 ***[1]***
2		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.336,0.333		450 Secs *[==>]*	 ***[1]***
3		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 2; SHADOW		450 Secs *[==>]*	 ***[1]***
4		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 1; SHADOW		450 Secs *[==>]*	 ***[1]***
5		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 1		405 Secs *[==>]*	 ***[1]***
6		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 2		405 Secs *[==>]*	 ***[1]***
7		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 0.672,0.666		400 Secs *[==>]*	 ***[2]***
8		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 1.008,0.999		400 Secs *[==>]*	 ***[2]***
9		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 8; SHADOW		500 Secs *[==>]*	 ***[2]***
10		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 7; SHADOW		500 Secs *[==>]*	 ***[2]***
11		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 7		450 Secs *[==>]*	 ***[2]***
12		(1) SDSS-J132844.05+435550.5	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 8		450 Secs *[==>]*	 ***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
GS Reacq
Exp. 7
Pointing Maneuver
Exp. 8
Exp. 9
Pointing Maneuver
Exp. 10
Exp. 11
Shadow Limit
Pointing Maneuver
Exp. 12
Unused Visibility = 69
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 32, completed Fri Apr 22 01:04:27 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 100D TO 180 D

Comments: Target 2: (WFC3-WFC3)

Optical observations only. Corresponding UV observations in visit 52

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC. We want to start with SBC cool to lower the dark current.

During orbits 2 and 3 we would like the ACS/SBC to be turned off, again to improve on the dark current.

Fixed Targets

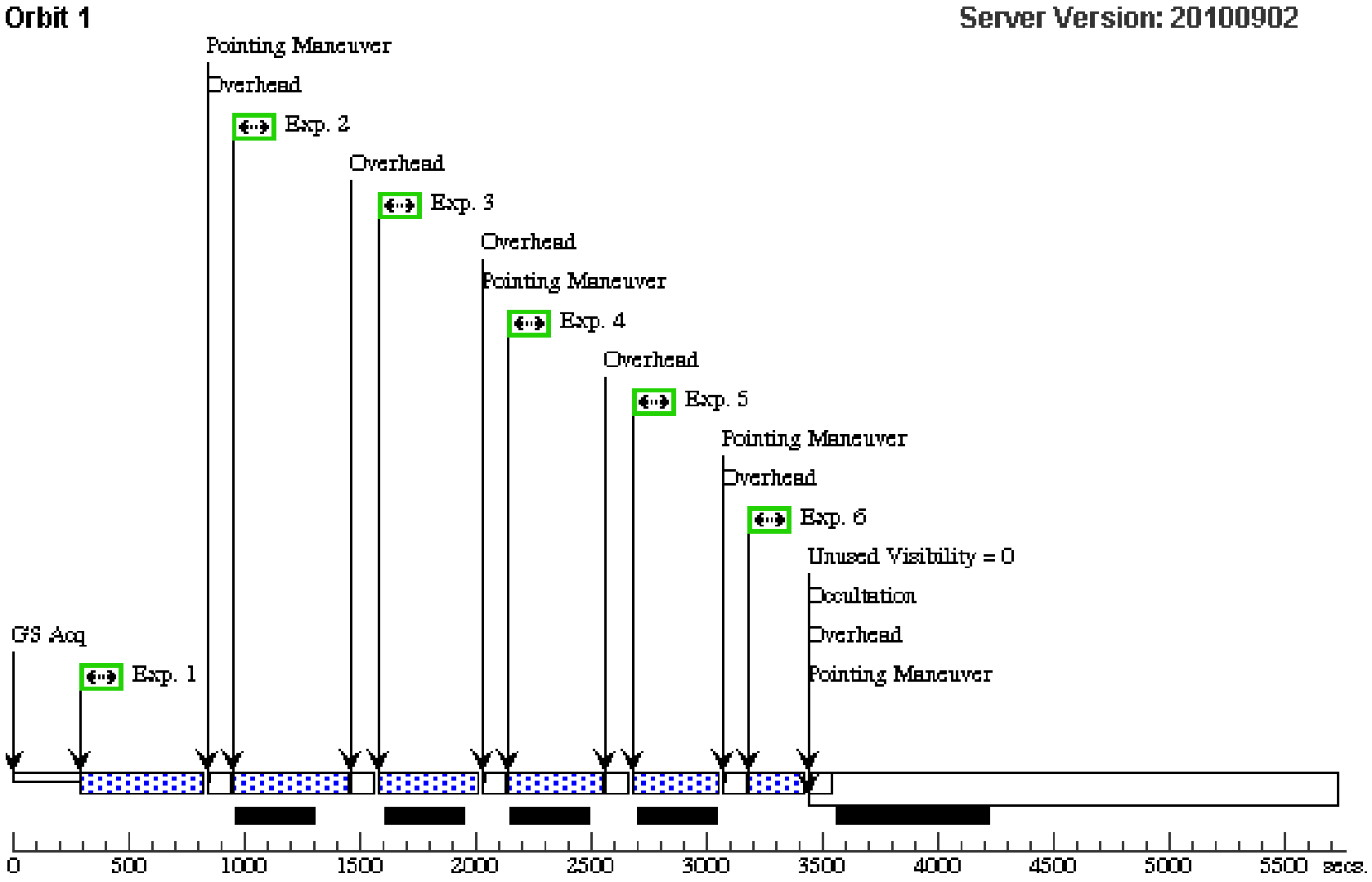
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SDSS-J090704.88+532656.6	RA: 09 07 4.8880 (136.7703667d) Dec: +53 26 56.62 (53.44906d) Equinox: J2000		V=16.54+/-0.01	Reference Frame: ICRS

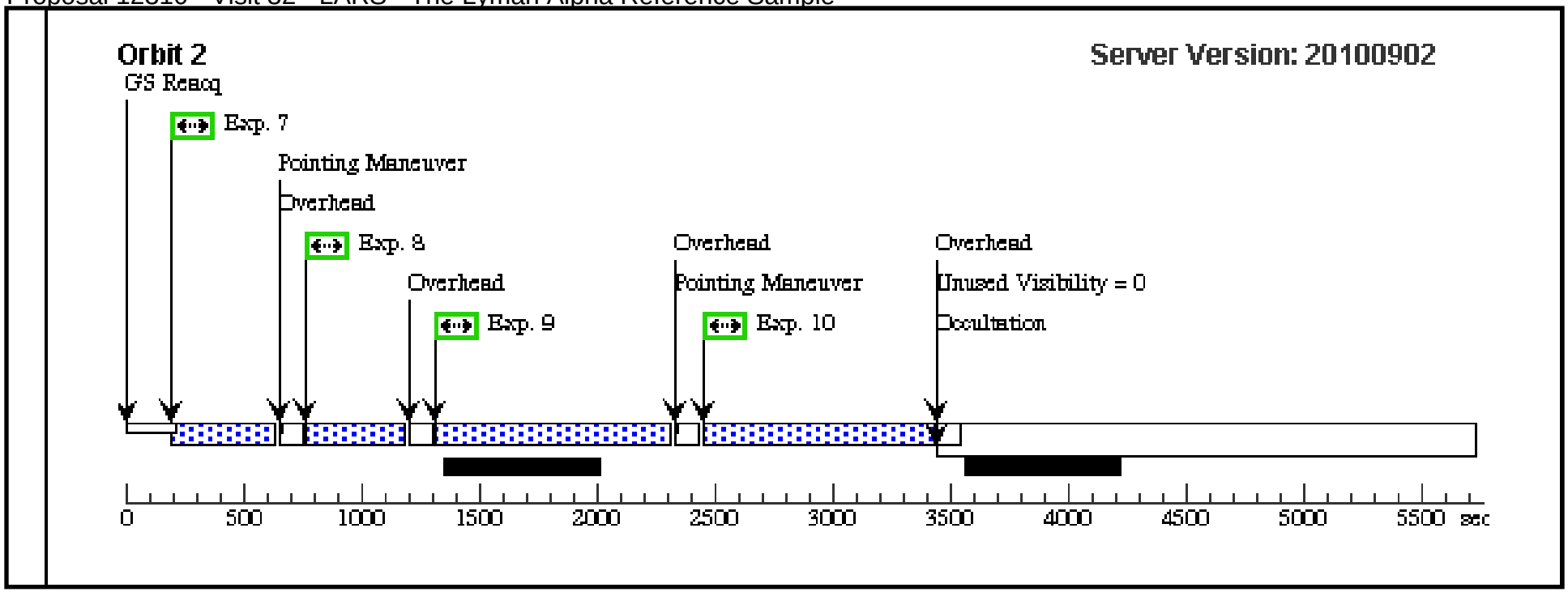
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F336W		GS ACQ SCENARIO BASE1B3		500 Secs	
								[==>]	***[1]***
2		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		500 Secs	
								[==>]	***[1]***
3		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		410 Secs	
								[==>]	***[1]***
4		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		410 Secs	
								[==>]	***[1]***
5		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		360 Secs	
								[==>]	***[1]***
6		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		244 Secs	
								[==>]	***[1]***
7		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 1		420 Secs	
								[==>]	***[2]***
8		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 2		425 Secs	
								[==>]	***[2]***
9		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 2		980 Secs	
								[==>]	***[2]***
10		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 1		980 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
GS Reacq
Exp. 7
Pointing Maneuver
Overhead
Exp. 8
Overhead
Exp. 9
Overhead
Pointing Maneuver
Exp. 10
Overhead
Unused Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 84 Fri Apr 22 01:04:28 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 100D TO 180 D

Comments: copy of visit 32 -HOPR repeat

Target 2: (WFC3-WFC3)

Optical observations only. Corresponding UV observations in visit 52

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC. We want to start with SBC cool to lower the dark current.

During orbits 2 and 3 we would like the ACS/SBC to be turned off, again to improve on the dark current.

Fixed Targets

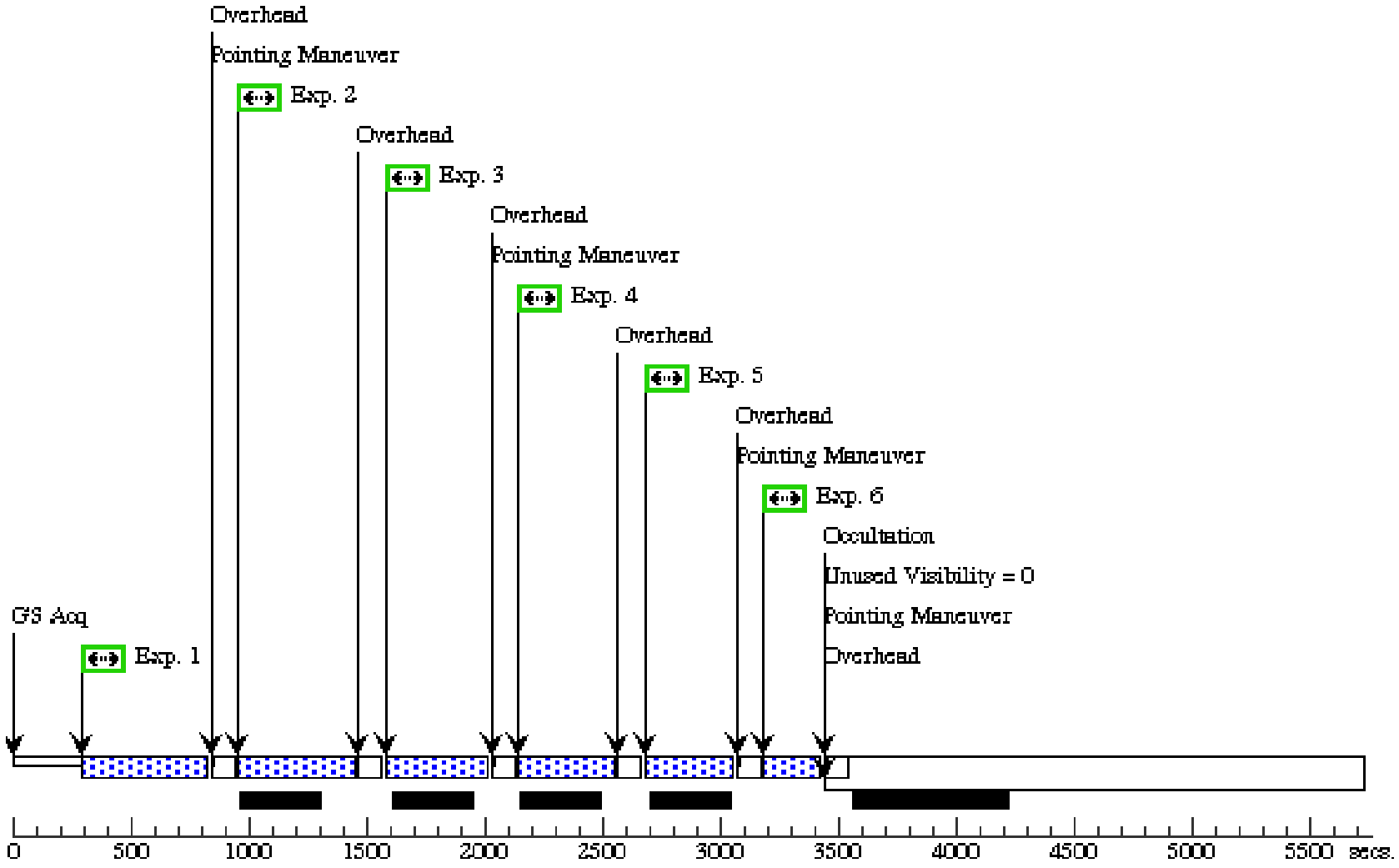
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SDSS-J090704.88+532656.6	RA: 09 07 4.8880 (136.7703667d) Dec: +53 26 56.62 (53.44906d) Equinox: J2000		V=16.54+/-0.01	Reference Frame: ICRS

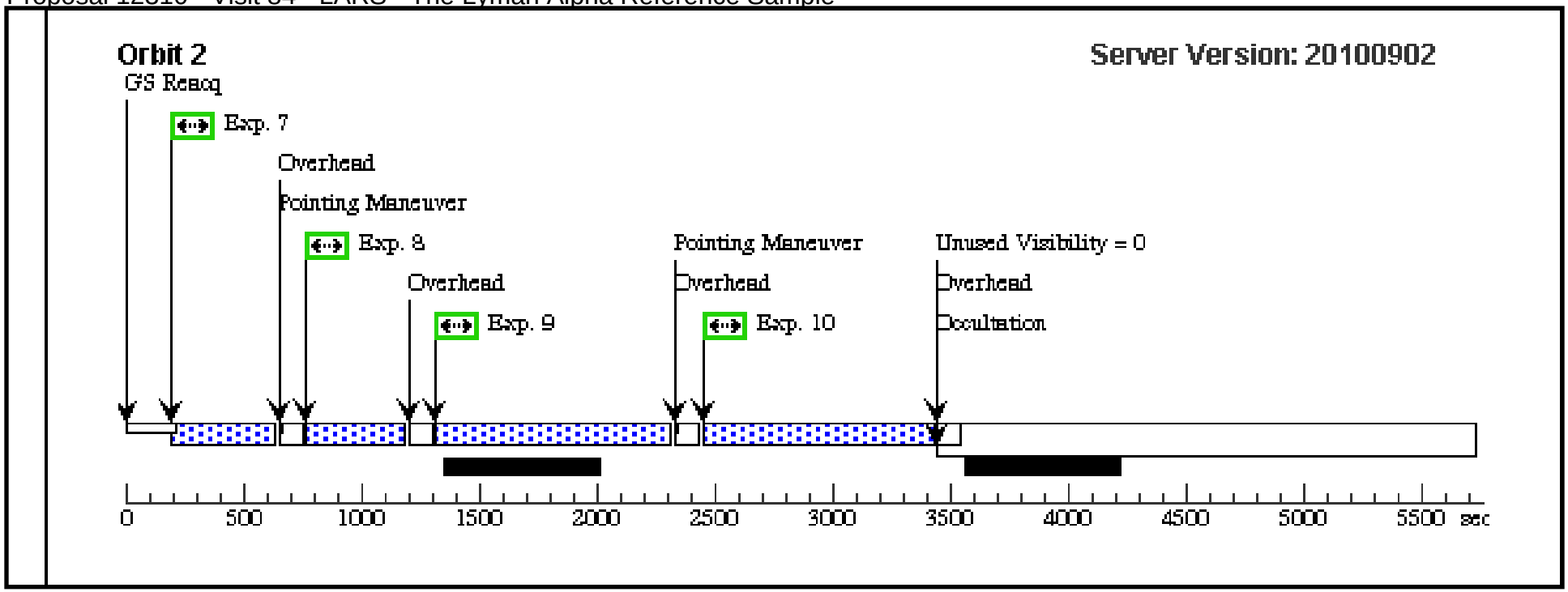
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F336W		GS ACQ SCENARIO BASE1B3		500 Secs	
								[==>]	***[1]***
2		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		500 Secs	
								[==>]	***[1]***
3		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		410 Secs	
								[==>]	***[1]***
4		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		410 Secs	
								[==>]	***[1]***
5		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		360 Secs	
								[==>]	***[1]***
6		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		244 Secs	
								[==>]	***[1]***
7		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 1		420 Secs	
								[==>]	***[2]***
8		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 2		425 Secs	
								[==>]	***[2]***
9		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 2		980 Secs	
								[==>]	***[2]***
10		(2) SDSS-J090704.88+532656.6	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 1		980 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
GS Reacq
Exp. 7
Overhead
Pointing Maneuver
Exp. 8
Overhead
Exp. 9
Pointing Maneuver
Overhead
Exp. 10
Unused Visibility = 0
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 52, scheduling Fri Apr 22 01:04:28 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/SBC

Special Requirements: ORIENT 20D TO 50 D; ORIENT 200.0D TO 230.0 D

Comments: Target 2: (SBC-SBC)

UV observations only. Corresponding optical observations in visit 32

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC. We want to start with SBC cool to lower the dark current.

During orbits 2 and 3 we would like the ACS/SBC to be turned off, again to improve on the dark current.

Fixed Targets

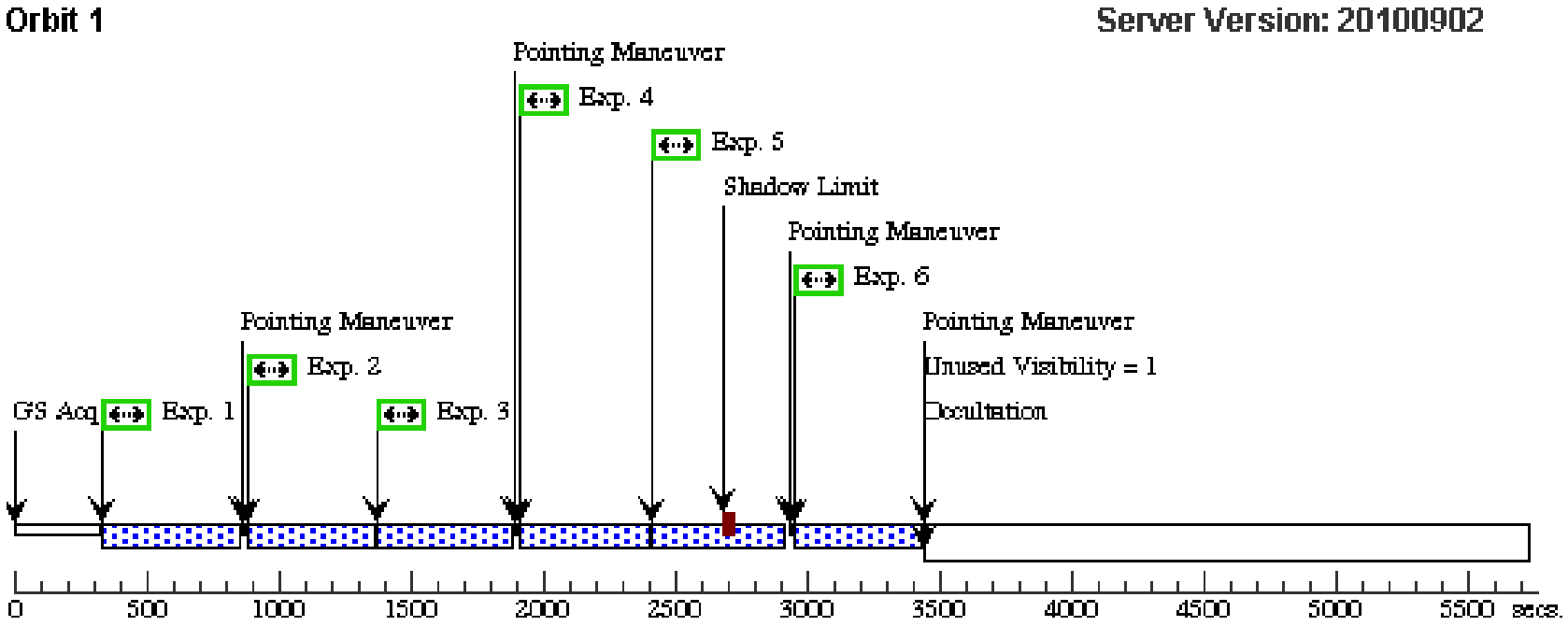
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SDSS-J090704.88+532656.6	RA: 09 07 4.8880 (136.7703667d) Dec: +53 26 56.62 (53.44906d) Equinox: J2000		V=16.54+/-0.01	Reference Frame: ICRS

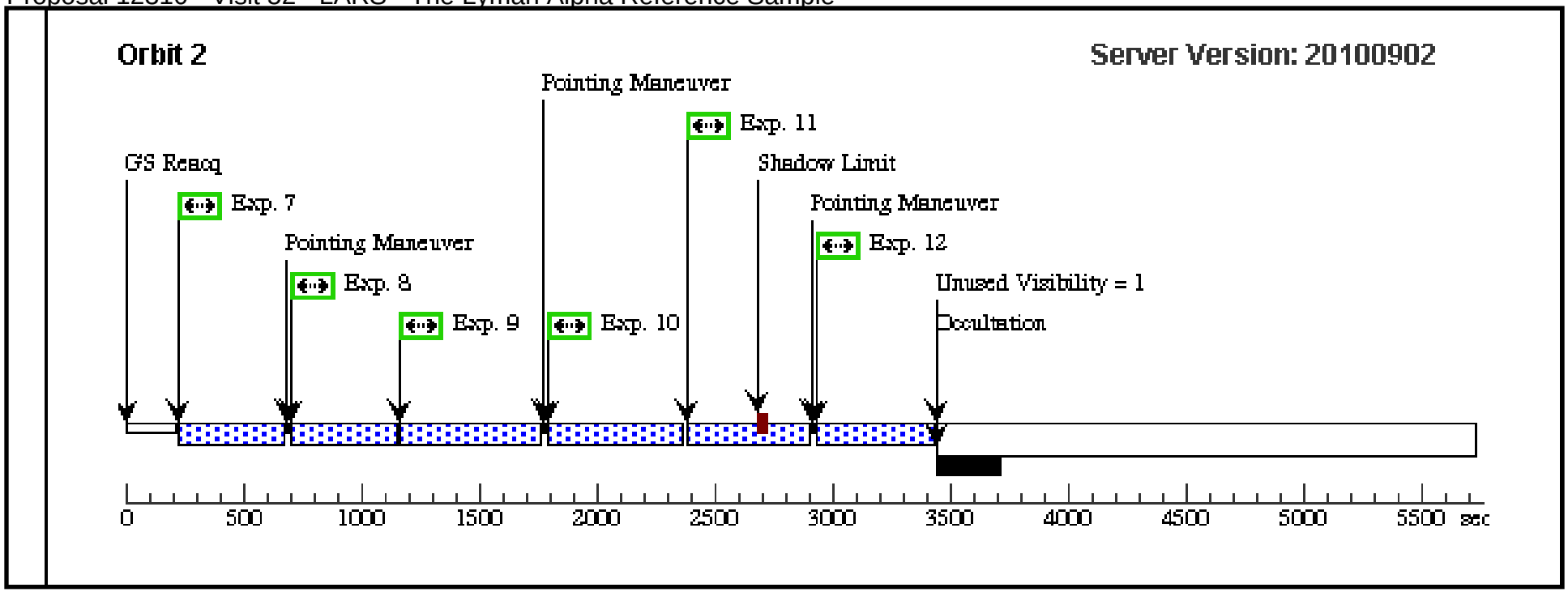
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F140LP		GS ACQ SCENARIO BASE1B3		450 Secs	
								[==>]	***[1]***
2		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.336,0.333		450 Secs	
								[==>]	***[1]***
3		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 2; SHADOW		460 Secs	
								[==>]	***[1]***
4		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 1; SHADOW		460 Secs	
								[==>]	***[1]***
5		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 1		450 Secs	
								[==>]	***[1]***
6		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 2		450 Secs	
								[==>]	***[1]***
7		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 0.672,0.666		420 Secs	
								[==>]	***[2]***
8		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 1.008,0.999		420 Secs	
								[==>]	***[2]***
9		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 8; SHADOW		546 Secs	
								[==>]	***[2]***
10		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 7; SHADOW		546 Secs	
								[==>]	***[2]***
11		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 7		470 Secs	
								[==>]	***[2]***
12		(2) SDSS-J090704.88+532656.6	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 8		470 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 11
GS Reacq
Shadow Limit
Exp. 7
Pointing Maneuver
Pointing Maneuver
Exp. 12
Exp. 8
Unused Visibility = 1
Exp. 9
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 33, completed Fri Apr 22 01:04:29 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 70D TO 90 D; ORIENT 250.0D TO 270.0 D

Comments: Target 3: WFC3 only (SBC in visit 53)

Assumes no CVZ
Big target

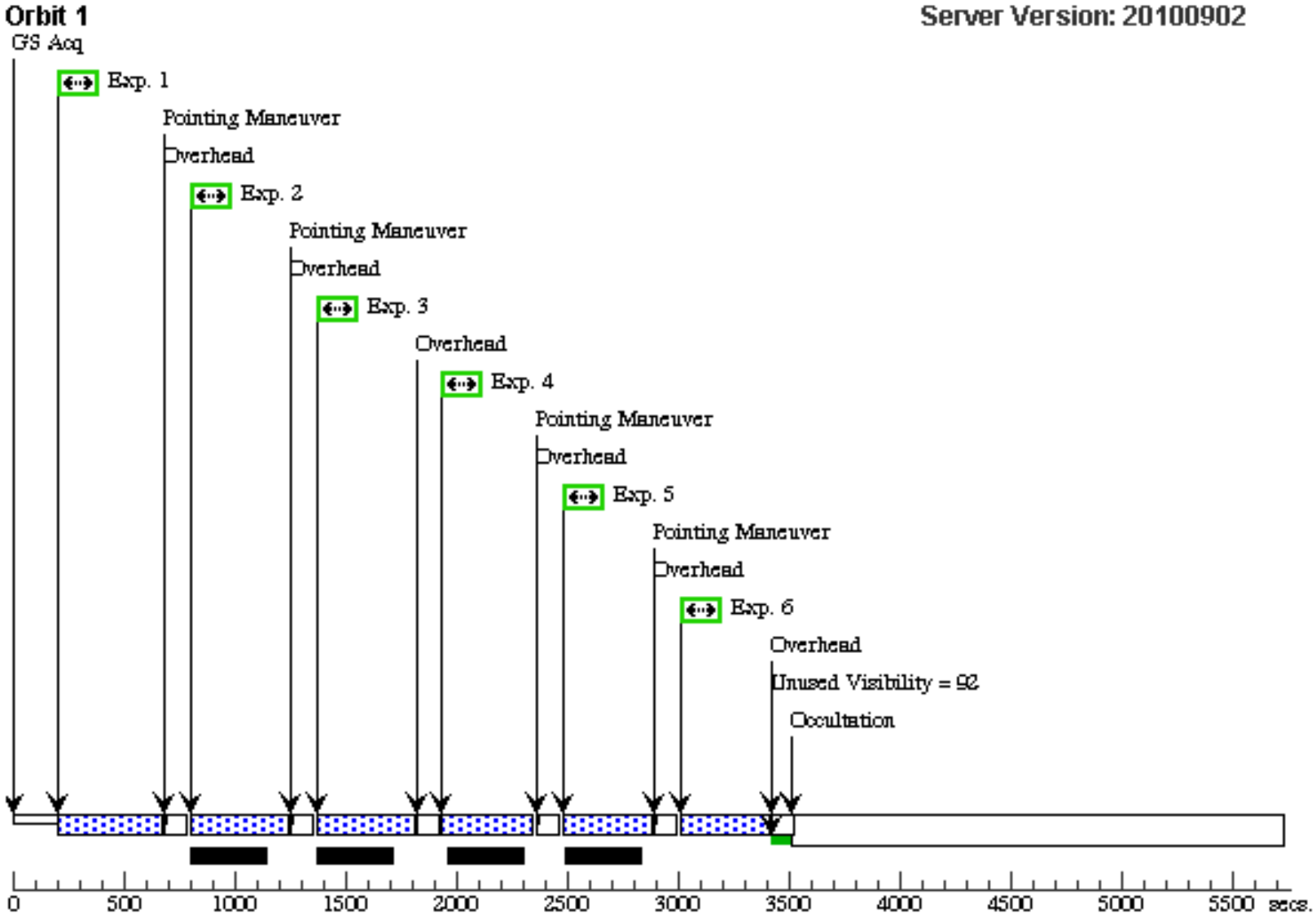
Fixed Targets

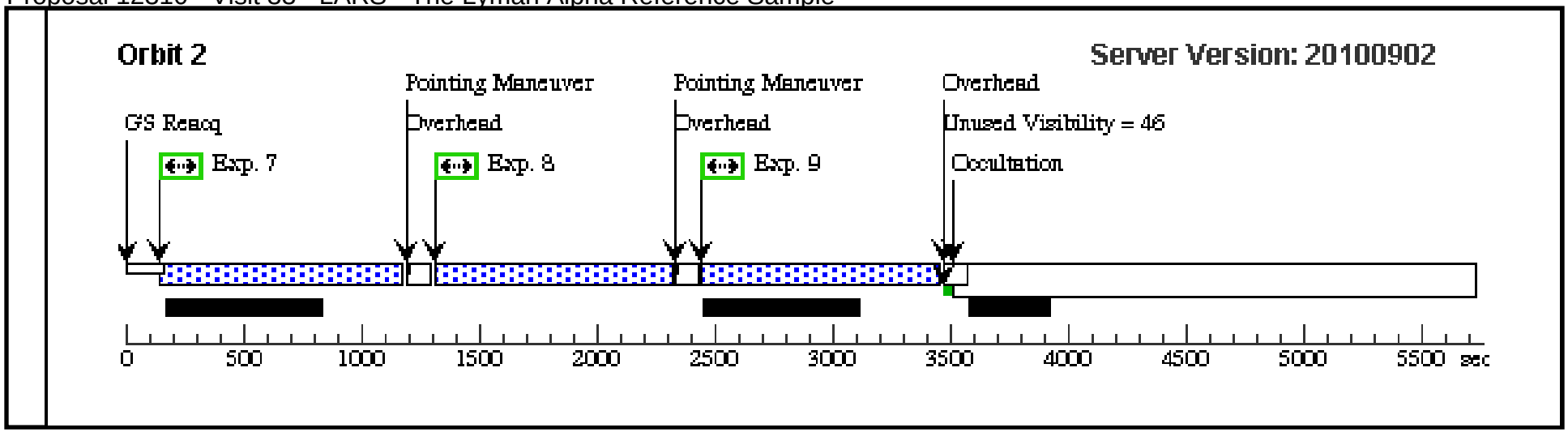
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	SDSS-J131535.06+620728.6	RA: 13 15 35.0612 (198.8960883d) Dec: +62 07 28.63 (62.12462d) Equinox: J2000		V=15.11+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(3) SDSS-J131535.06+620728.6	WFC3/UVIS, ACCUM, UVIS2	F336W		GS ACQ SCENARIO ONEB1B3		438 Secs *[==>]*	 ***[1]***
2		(3) SDSS-J131535.06+620728.6	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		440 Secs *[==>]*	 ***[1]***
3		(3) SDSS-J131535.06+620728.6	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.198,0.212		440 Secs *[==>]*	 ***[1]***
4		(3) SDSS-J131535.06+620728.6	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 3		400 Secs *[==>]*	 ***[1]***
5		(3) SDSS-J131535.06+620728.6	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 2		400 Secs *[==>]*	 ***[1]***
6		(3) SDSS-J131535.06+620728.6	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 1		400 Secs *[==>]*	 ***[1]***
7		(3) SDSS-J131535.06+620728.6	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 1		1010 Secs *[==>]*	 ***[2]***
8		(3) SDSS-J131535.06+620728.6	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 2		1010 Secs *[==>]*	 ***[2]***
9		(3) SDSS-J131535.06+620728.6	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 3		1010 Secs *[==>]*	 ***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
GS Reacq
Exp. 7
Pointing Maneuver
Overhead
Exp. 8
Pointing Maneuver
Overhead
Exp. 9
Overhead
Unused Visibility = 46
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 53, scheduling Fri Apr 22 01:04:29 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/SBC

Special Requirements: ORIENT 70D TO 90 D; ORIENT 250.0D TO 270.0 D

Comments: Target 3: SBC only, (optical data in visit 33)

Assumes no CVZ
Big target
SBC will only catch eastern nucleus

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC.
We want to start with SBC cool to lower the dark current.

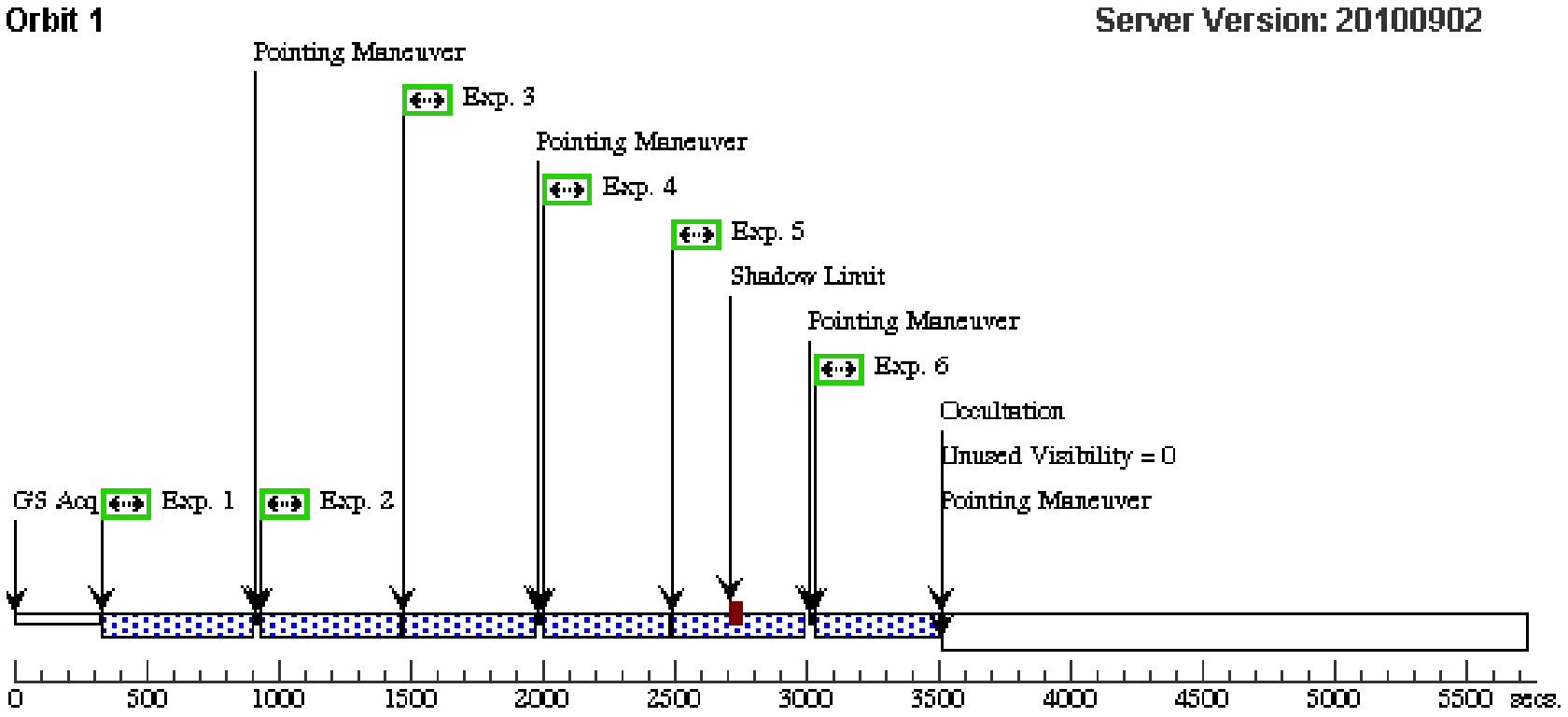
Fixed Targets

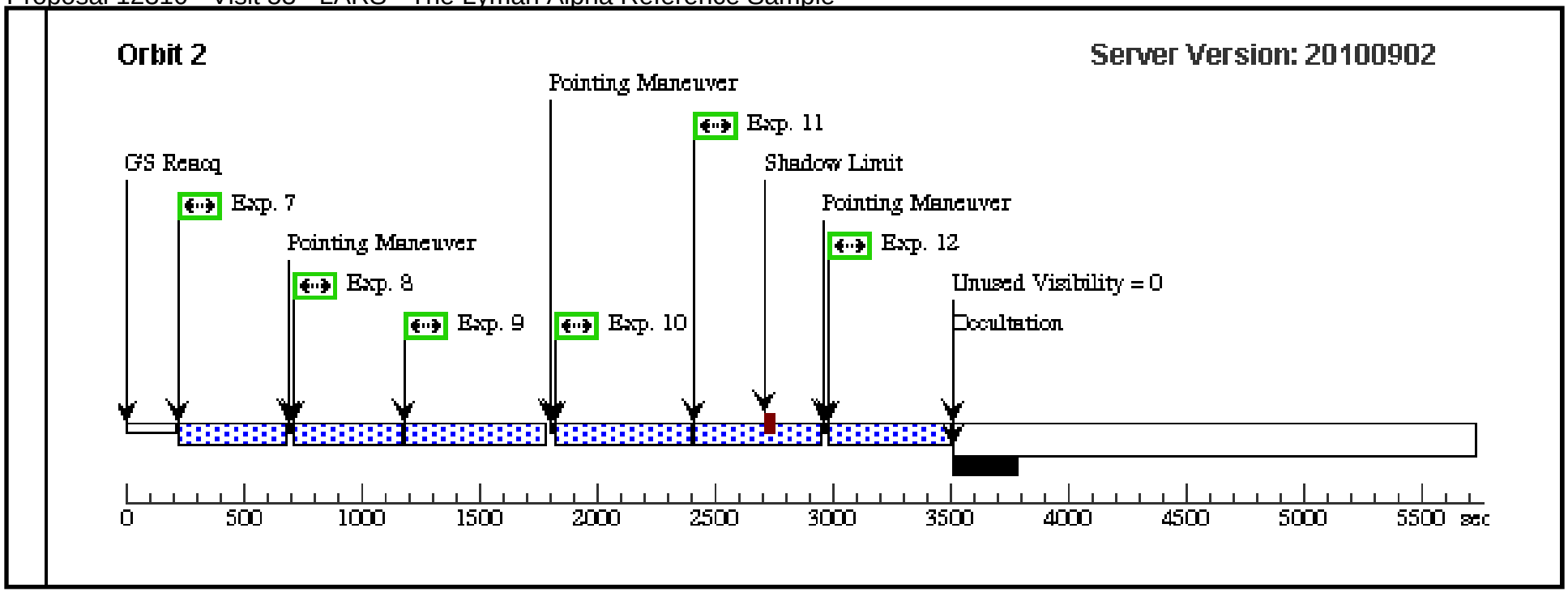
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	SDSS-J131535.06+620728.6	RA: 13 15 35.0612 (198.8960883d) Dec: +62 07 28.63 (62.12462d) Equinox: J2000		V=15.11+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F140LP				500 Secs	
								[==>]	***[1]***
2		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.336,0.333		500 Secs	
								[==>]	***[1]***
3		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 2; SHADOW		450 Secs	
								[==>]	***[1]***
4		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 1; SHADOW		452 Secs	
								[==>]	***[1]***
5		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 1		445 Secs	
								[==>]	***[1]***
6		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 2		445 Secs	
								[==>]	***[1]***
7		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 0.672,0.666		430 Secs	
								[==>]	***[2]***
8		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 1.008,0.999		430 Secs	
								[==>]	***[2]***
9		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 8; SHADOW		550 Secs	
								[==>]	***[2]***
10		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 7; SHADOW		550 Secs	
								[==>]	***[2]***
11		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 7		492 Secs	
								[==>]	***[2]***
12		(3) SDSS-J131535.06+620728.6	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 8		492 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
GS Reacq
Exp. 7
Pointing Maneuver
Exp. 8
Exp. 9
Pointing Maneuver
Exp. 10
Exp. 11
Shadow Limit
Pointing Maneuver
Exp. 12
Unused Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 34, scheduling Fri Apr 22 01:04:30 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 80D TO 170 D

Comments: Target 4: (WFC3 and WFC3)

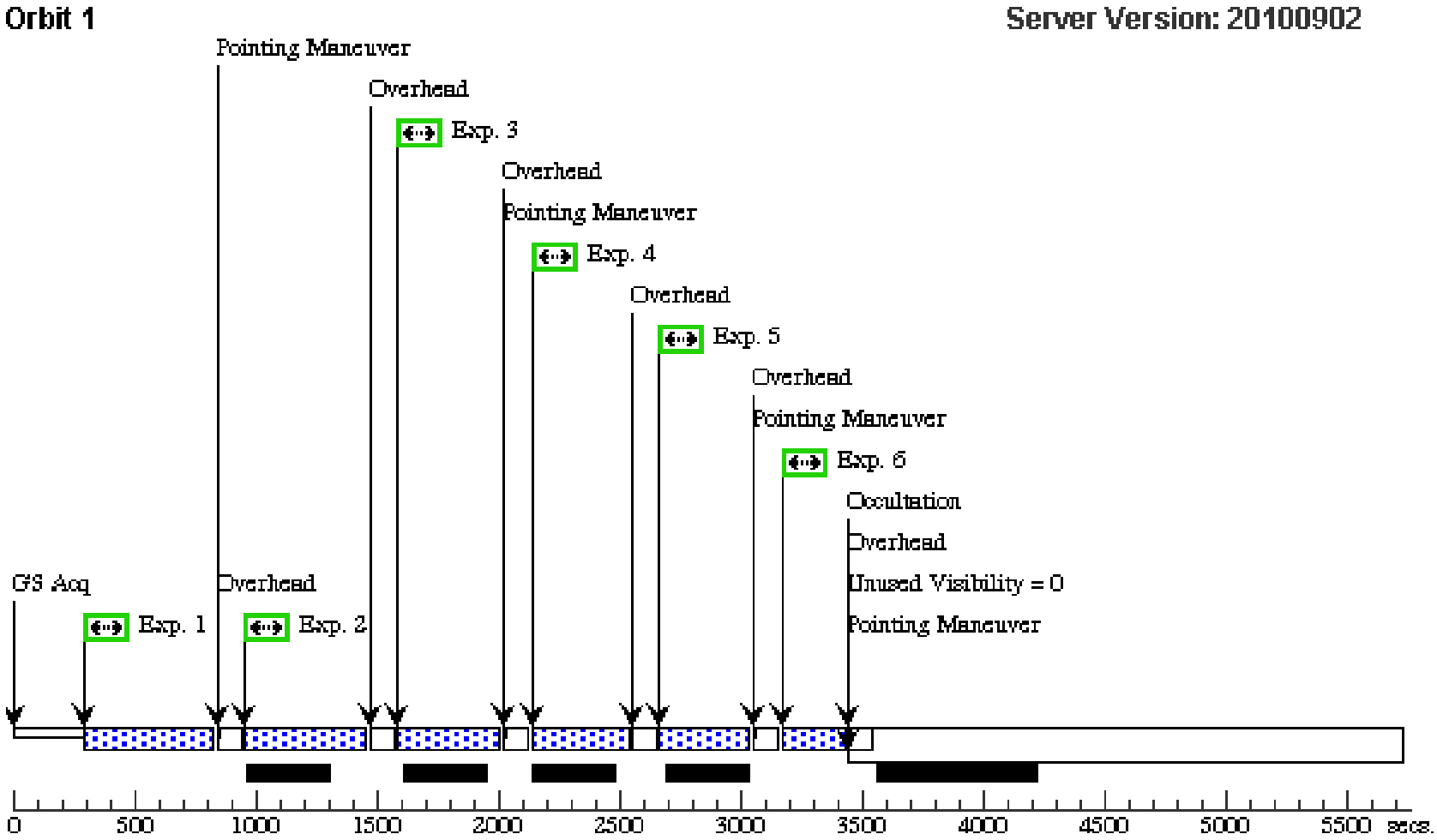
Fixed Targets

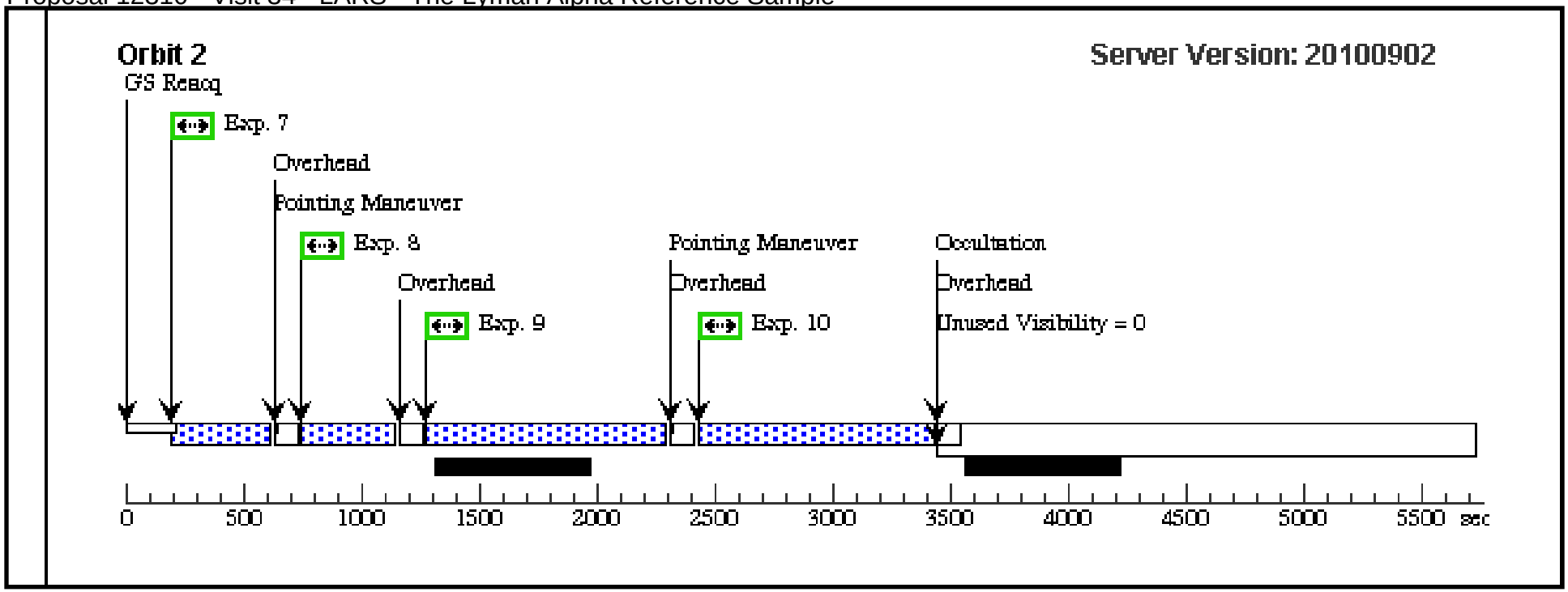
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	SDSS-J130728.45+542652.3	RA: 13 07 28.4580 (196.8685750d) Dec: +54 26 52.35 (54.44787d) Equinox: J2000		V=16.11+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(4) SDSS-J130728.45+542652.3	WFC3/UVIS, ACCUM, UVIS2	F336W				502 Secs	
								[==>]	***[1]***
2		(4) SDSS-J130728.45+542652.3	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		502 Secs	
								[==>]	***[1]***
3		(4) SDSS-J130728.45+542652.3	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		400 Secs	
								[==>]	***[1]***
4		(4) SDSS-J130728.45+542652.3	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		400 Secs	
								[==>]	***[1]***
5		(4) SDSS-J130728.45+542652.3	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		360 Secs	
								[==>]	***[1]***
6		(4) SDSS-J130728.45+542652.3	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		260 Secs	
								[==>]	***[1]***
7		(4) SDSS-J130728.45+542652.3	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 1		400 Secs	
								[==>]	***[2]***
8		(4) SDSS-J130728.45+542652.3	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 2		405 Secs	
								[==>]	***[2]***
9		(4) SDSS-J130728.45+542652.3	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 2		1000 Secs	
								[==>]	***[2]***
10		(4) SDSS-J130728.45+542652.3	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 1		1000 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
GS Reacq
Exp. 7
Overhead
Pointing Maneuver
Exp. 8
Overhead
Exp. 9
Pointing Maneuver
Overhead
Exp. 10
Occultation
Overhead
Unused Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 35, scheduling Fri Apr 22 01:04:30 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

Comments: Target 5: (WFC3 and WFC3)

Fixed Targets

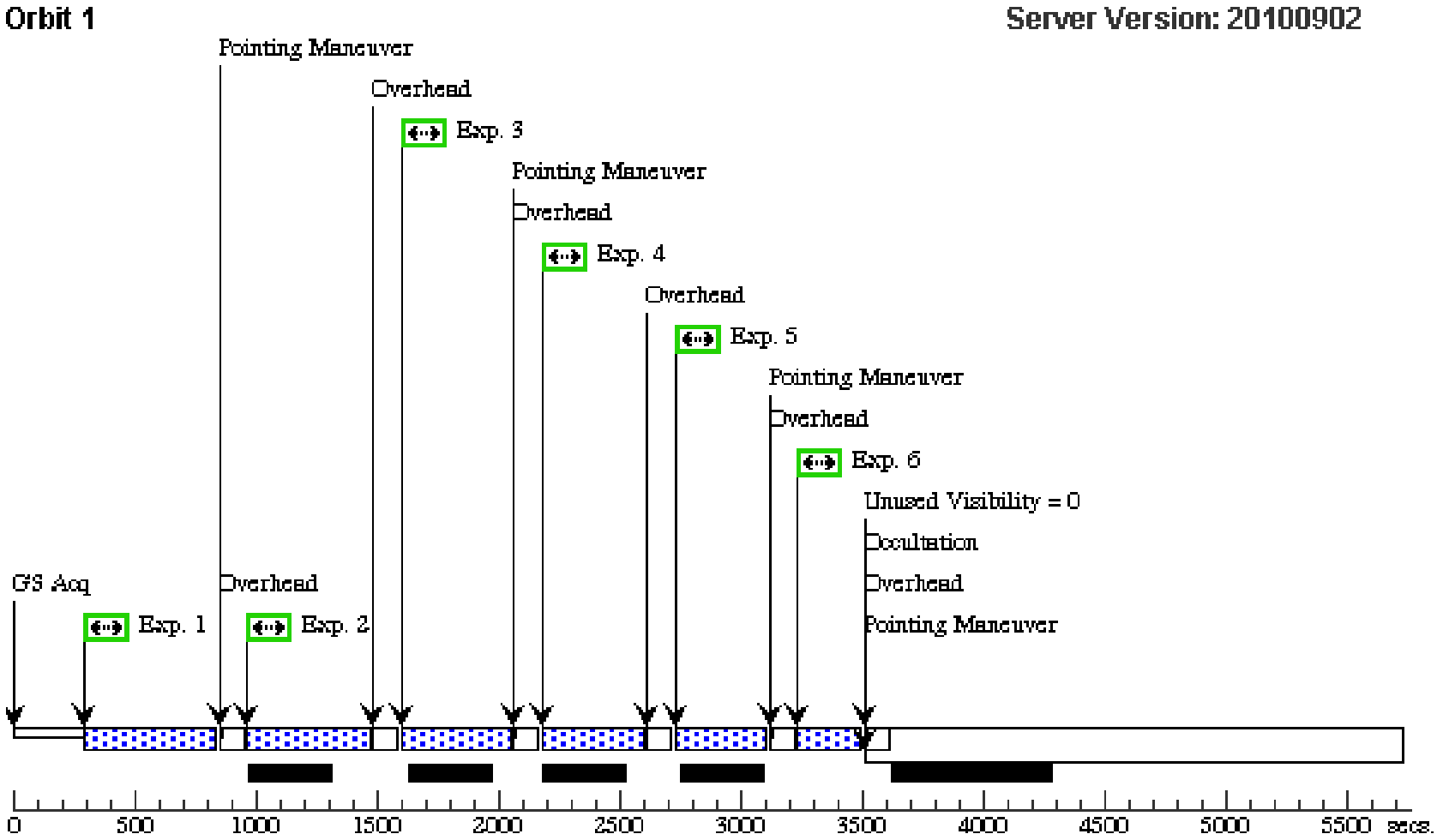
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	MRK-1486	RA: 13 59 50.9160 (209.9621500d) Dec: +57 26 22.97 (57.43971d) Equinox: J2000		V=16.33+/-0.01	Reference Frame: ICRS

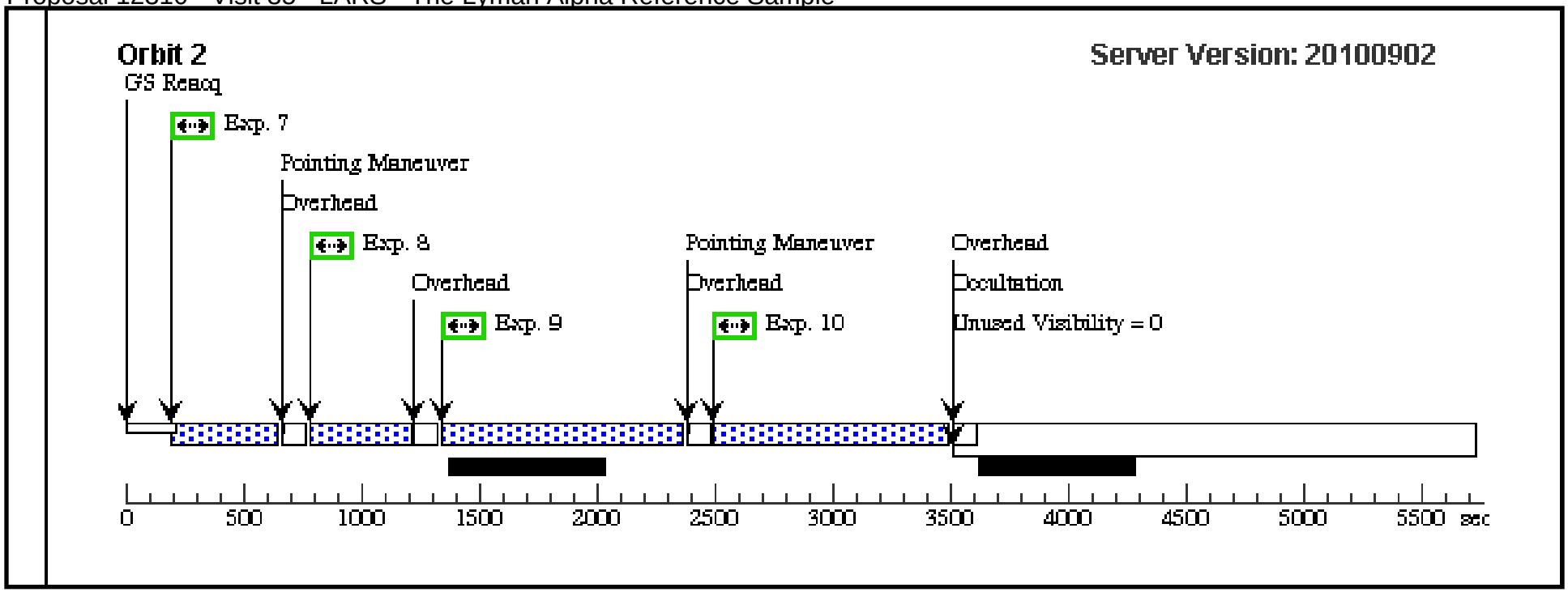
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(5) MRK-1486	WFC3/UVIS, ACCUM, UVIS2	F336W				510 Secs	
								[==>]	***[1]***
2		(5) MRK-1486	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		510 Secs	
								[==>]	***[1]***
3		(5) MRK-1486	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		425 Secs	
								[==>]	***[1]***
4		(5) MRK-1486	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		425 Secs	
								[==>]	***[1]***
5		(5) MRK-1486	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		360 Secs	
								[==>]	***[1]***
6		(5) MRK-1486	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		260 Secs	
								[==>]	***[1]***
7		(5) MRK-1486	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 1		435 Secs	
								[==>]	***[2]***
8		(5) MRK-1486	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 2		436 Secs	
								[==>]	***[2]***
9		(5) MRK-1486	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 2		1000 Secs	
								[==>]	***[2]***
10		(5) MRK-1486	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 1		1000 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
GS Reacq
Exp. 7
Pointing Maneuver
Overhead
Exp. 8
Overhead
Exp. 9
Pointing Maneuver
Overhead
Exp. 10
Overhead
Occultation
Unused Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 36, completed Fri Apr 22 01:04:31 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 210.0D TO 270.0 D

Comments: Target 6: (WFC3-WFC3)

Optical observations only. Corresponding UV observations in visit 56

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC. We want to start with SBC cool to lower the dark current.

During orbits 2 and 3 we would like the ACS/SBC to be turned off, again to improve on the dark current.

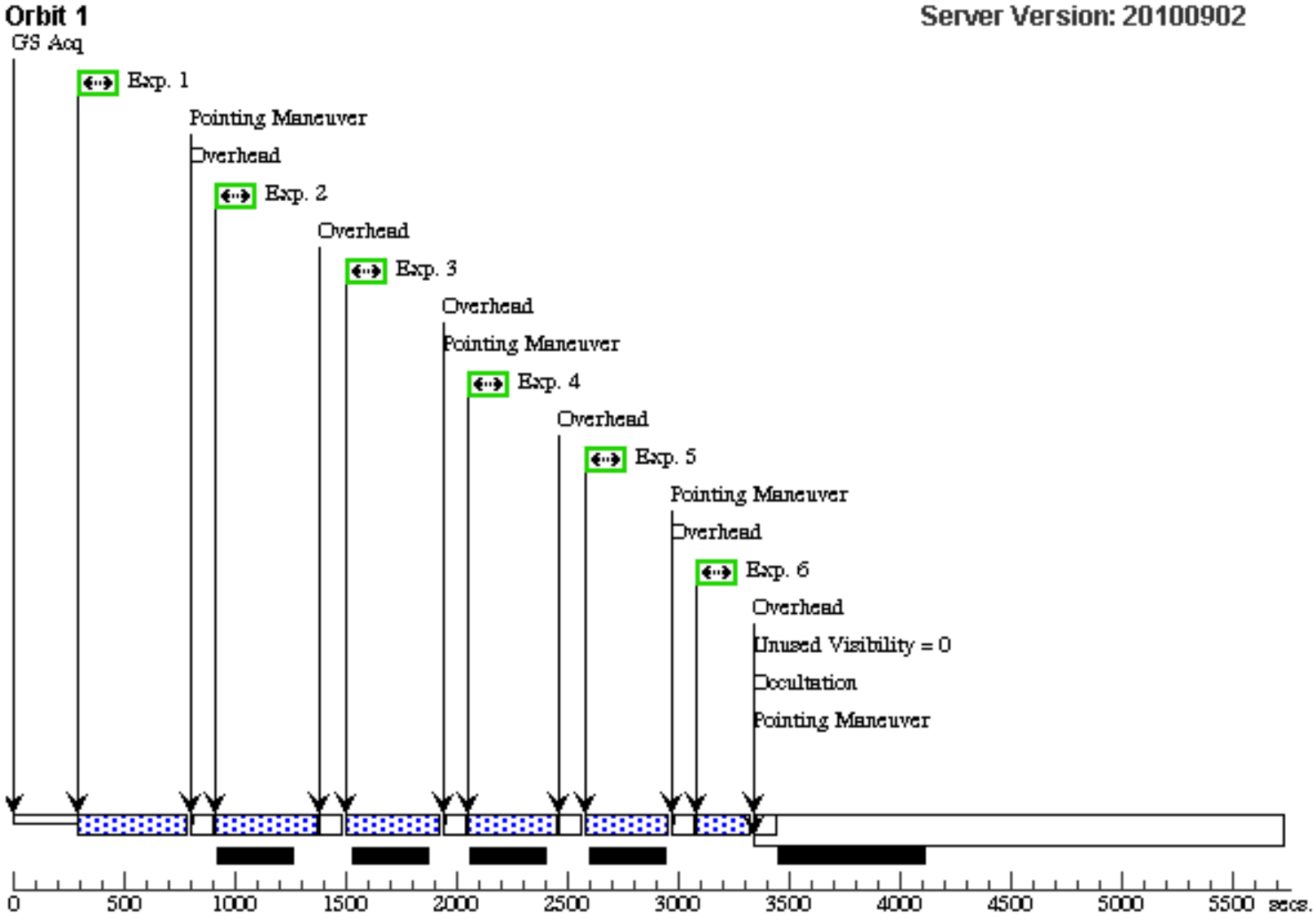
Fixed Targets

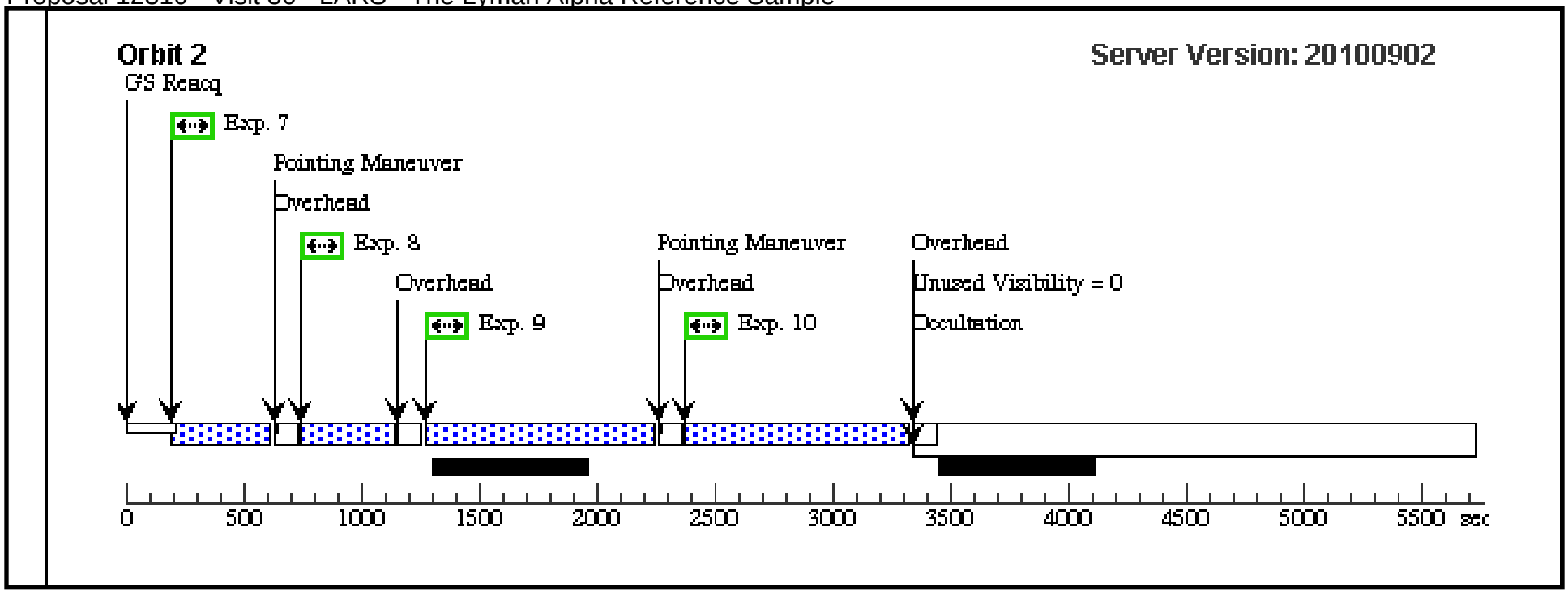
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	SDSS-J154544.52+441551.8	RA: 15 45 44.5261 (236.4355254d) Dec: +44 15 48.00 (44.26333d) Equinox: J2000		V=17.47+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F336W				460 Secs	
								[==>]	***[1]***
2		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		460 Secs	
								[==>]	***[1]***
3		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		400 Secs	
								[==>]	***[1]***
4		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		400 Secs	
								[==>]	***[1]***
5		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		360 Secs	
								[==>]	***[1]***
6		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		240 Secs	
								[==>]	***[1]***
7		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 1		400 Secs	
								[==>]	***[2]***
8		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 2		400 Secs	
								[==>]	***[2]***
9		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 2		950 Secs	
								[==>]	***[2]***
10		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 1		951 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
GS Reacq
Exp. 7
Pointing Maneuver
Overhead
Exp. 8
Overhead
Exp. 9
Pointing Maneuver
Overhead
Exp. 10
Overhead
Unused Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 85 Fri Apr 22 01:04:31 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 210.0D TO 270.0 D

Comments: copy of visit 36 - HOPR repeat

Target 6: (WFC3-WFC3)

Optical observations only. Corresponding UV observations in visit 56

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC. We want to start with SBC cool to lower the dark current.

During orbits 2 and 3 we would like the ACS/SBC to be turned off, again to improve on the dark current.

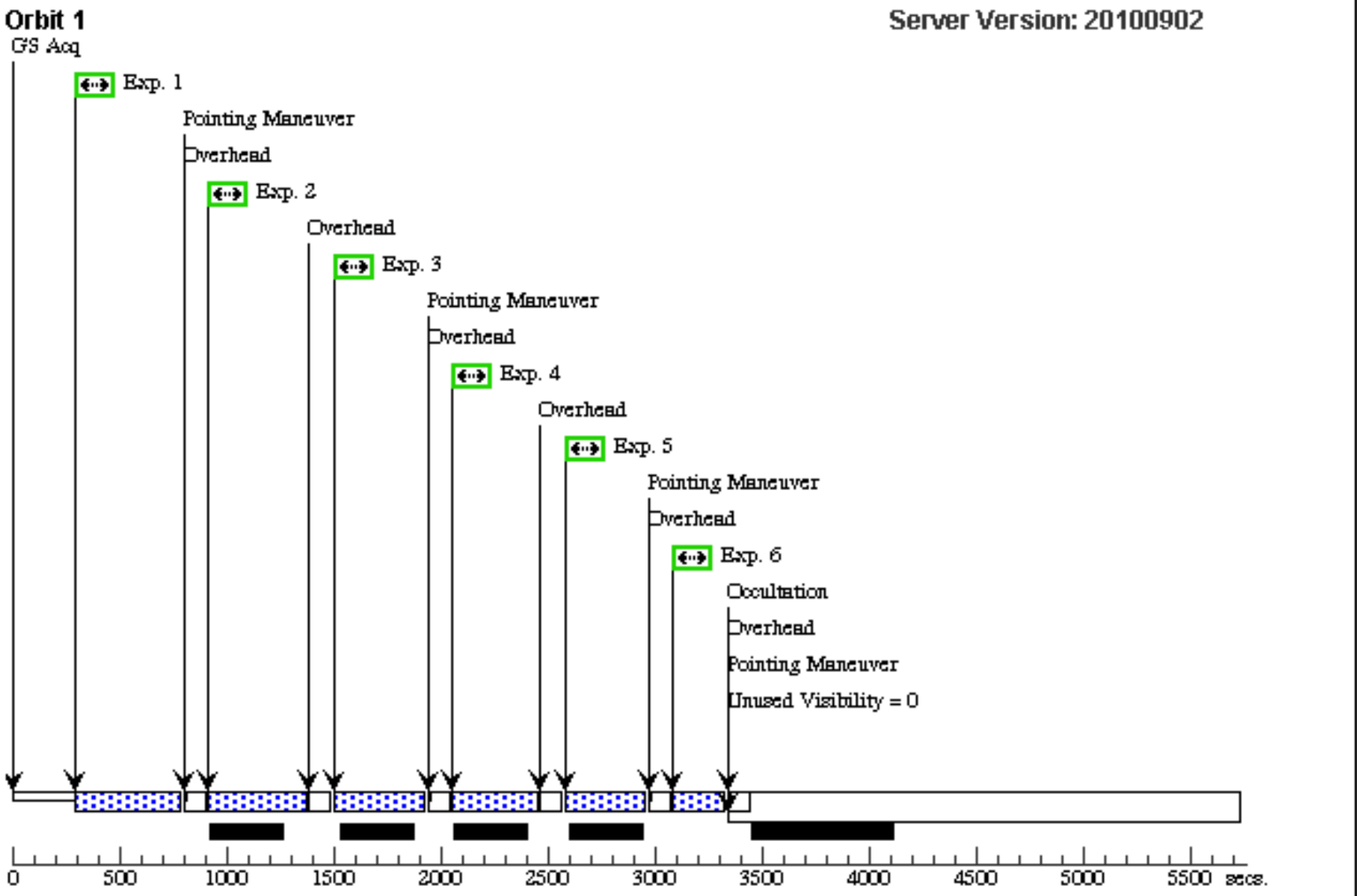
Fixed Targets

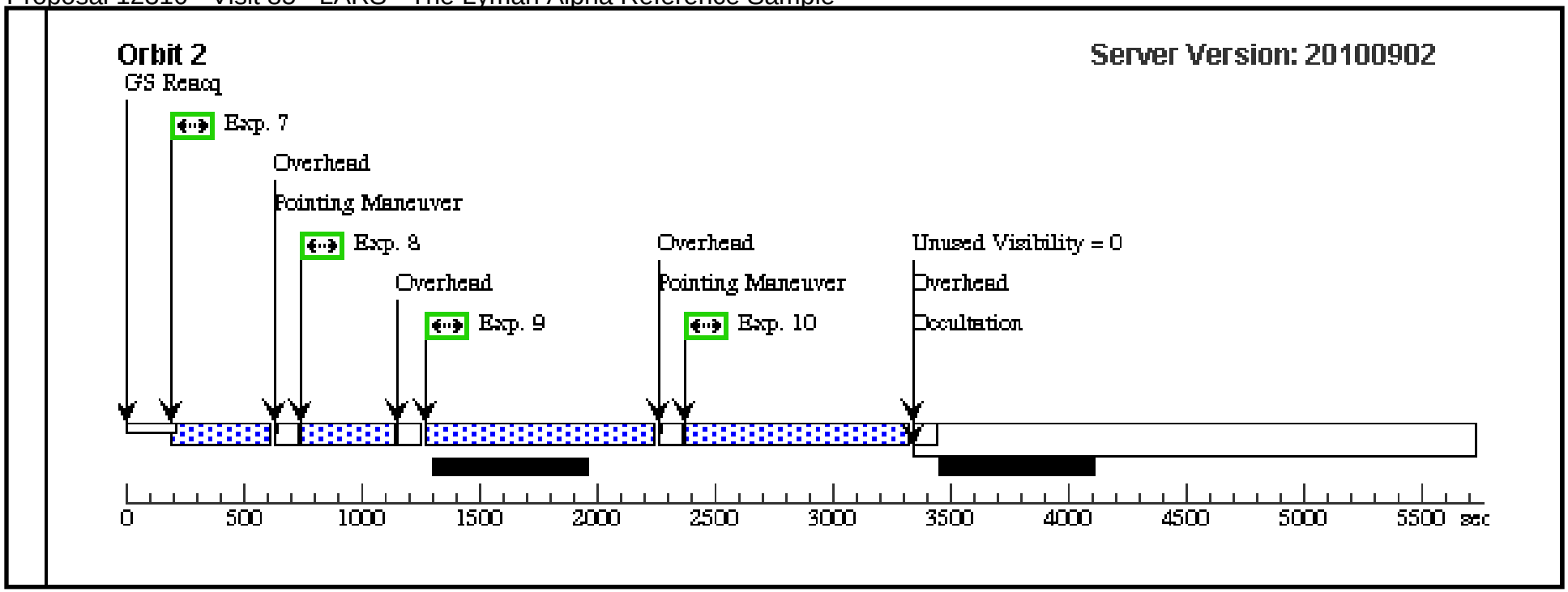
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	SDSS-J154544.52+441551.8	RA: 15 45 44.5261 (236.4355254d) Dec: +44 15 48.00 (44.26333d) Equinox: J2000		V=17.47+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F336W				460 Secs	
								[==>]	***[1]***
2		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		460 Secs	
								[==>]	***[1]***
3		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		400 Secs	
								[==>]	***[1]***
4		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		400 Secs	
								[==>]	***[1]***
5		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		360 Secs	
								[==>]	***[1]***
6		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		240 Secs	
								[==>]	***[1]***
7		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 1		400 Secs	
								[==>]	***[2]***
8		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F673N		SAME POS AS 2		400 Secs	
								[==>]	***[2]***
9		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 2		950 Secs	
								[==>]	***[2]***
10		(6) SDSS-J154544.52+441551.8	WFC3/UVIS, ACCUM, UVIS2	F502N		SAME POS AS 1		951 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
GS Reacq
Exp. 7
Overhead
Pointing Maneuver
Exp. 8
Overhead
Exp. 9
Overhead
Pointing Maneuver
Exp. 10
Unused Visibility = 0
Overhead
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 56, scheduling Fri Apr 22 01:04:32 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/SBC

Special Requirements: (none)

Comments: Target 6: (SBC-SBC)

UV observations only. Corresponding optical observations in visit 36

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC. We want to start with SBC cool to lower the dark current.

During orbits 2 and 3 we would like the ACS/SBC to be turned off, again to improve on the dark current.

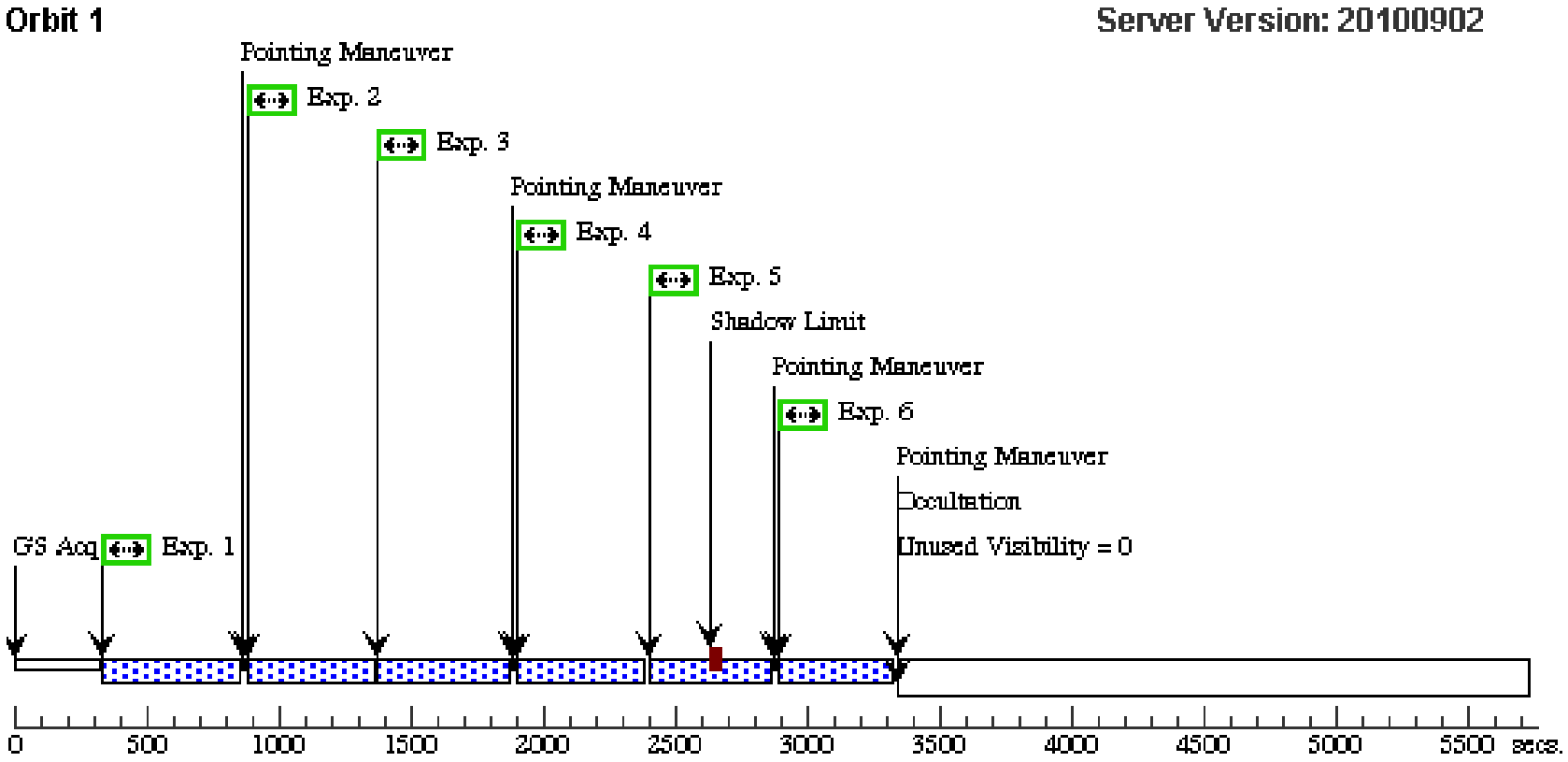
Fixed Targets

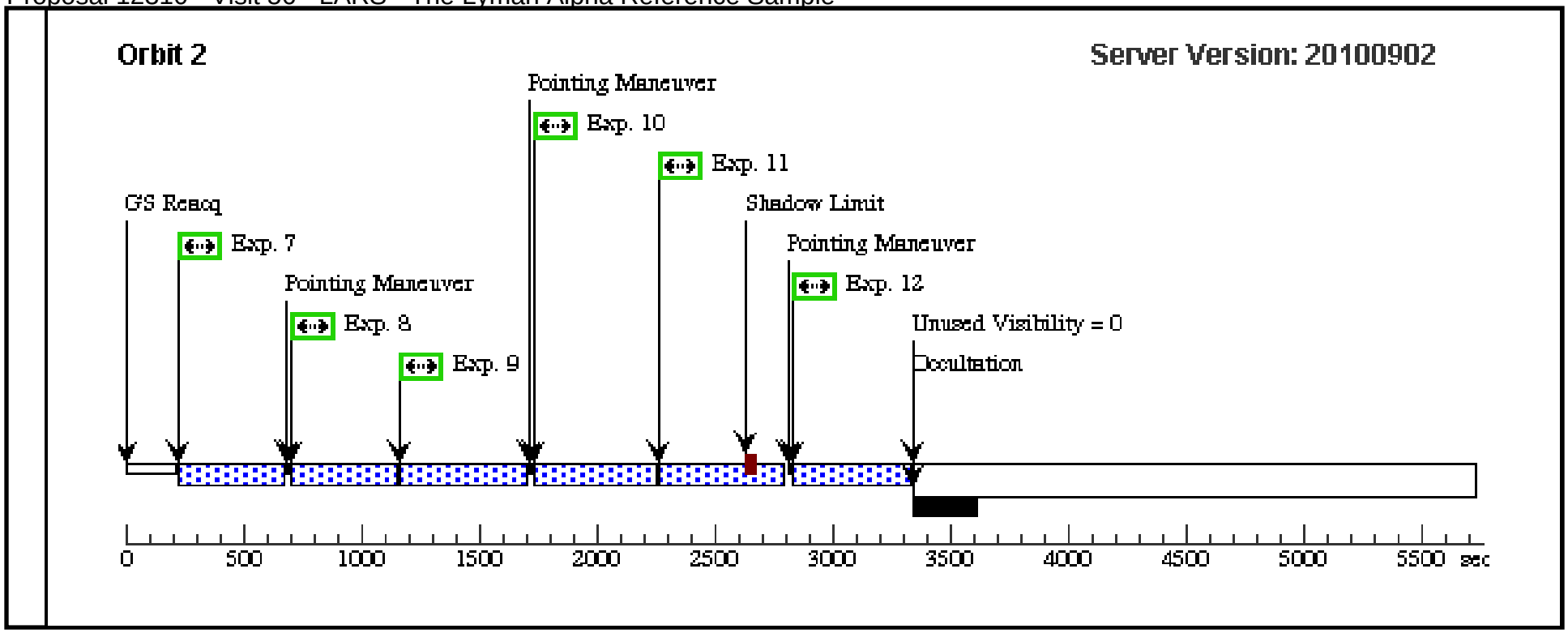
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	SDSS-J154544.52+441551.8	RA: 15 45 44.5261 (236.4355254d) Dec: +44 15 48.00 (44.26333d) Equinox: J2000		V=17.47+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F140LP				450 Secs	
								[==>]	***[1]***
2		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.336,0.333		450 Secs	
								[==>]	***[1]***
3		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 2; SHADOW		452 Secs	
								[==>]	***[1]***
4		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 1; SHADOW		455 Secs	
								[==>]	***[1]***
5		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 1		405 Secs	
								[==>]	***[1]***
6		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 2		405 Secs	
								[==>]	***[1]***
7		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 0.672,0.666		420 Secs	
								[==>]	***[2]***
8		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 1.008,0.999		420 Secs	
								[==>]	***[2]***
9		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 8; SHADOW		488 Secs	
								[==>]	***[2]***
10		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 7; SHADOW		491 Secs	
								[==>]	***[2]***
11		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 7		480 Secs	
								[==>]	***[2]***
12		(6) SDSS-J154544.52+441551.8	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 8		470 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 10
Exp. 11
GS Reacq
Shadow Limit
Exp. 7
Pointing Maneuver
Pointing Maneuver
Exp. 12
Exp. 8
Unused Visibility = 0
Exp. 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 37, scheduling Fri Apr 22 01:04:32 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: (none)

Comments: Target 7: (WFC3-ACS/WFC)

Optical observations only. Corresponding UV observations in visit 57

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC. We want to start with SBC cool to lower the dark current.

During orbits 2 and 3 we would like the ACS/SBC to be turned off, again to improve on the dark current.

Diagnostics

(Exposure 8 (Visit 37)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

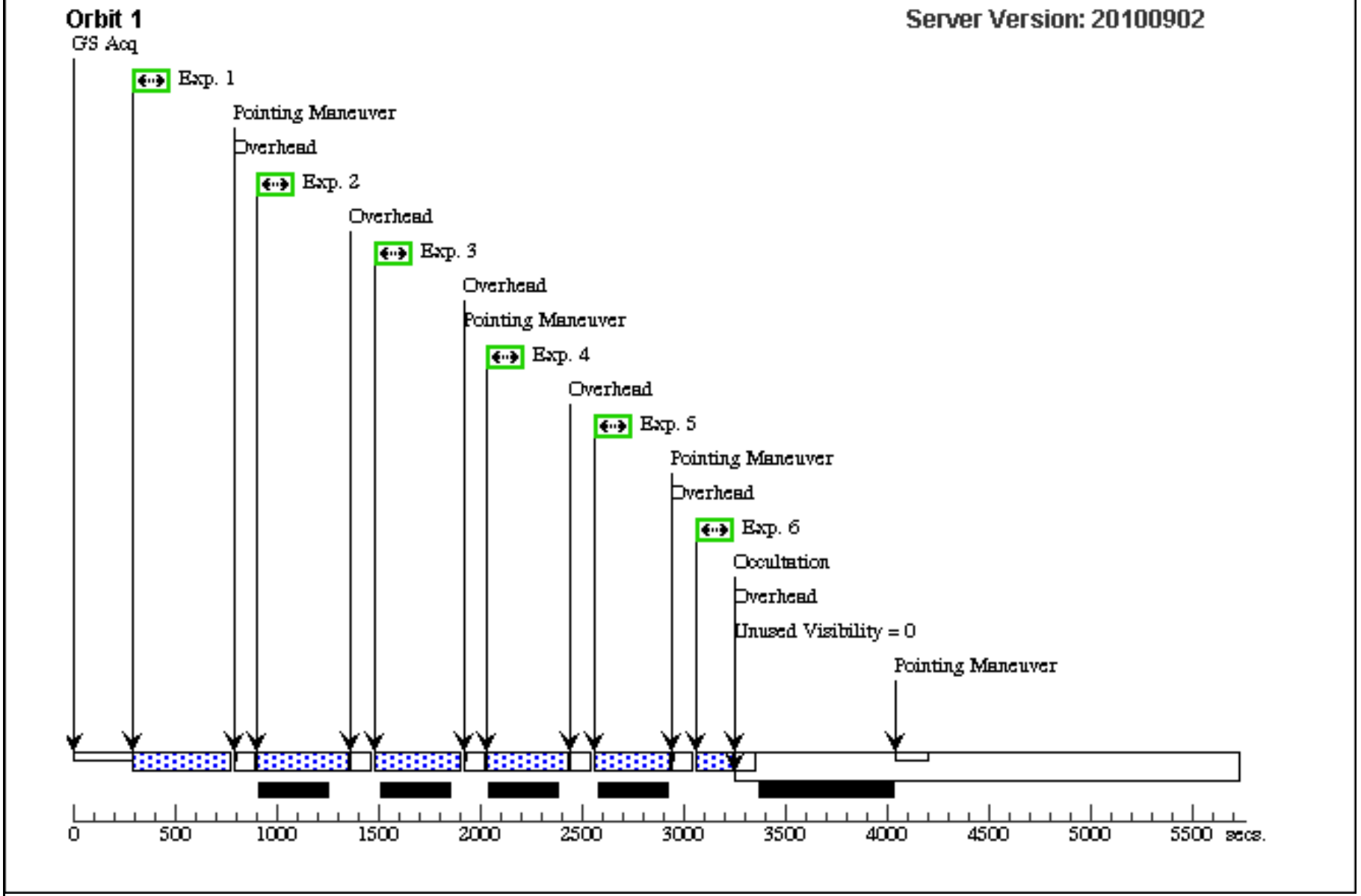
Fixed Targets

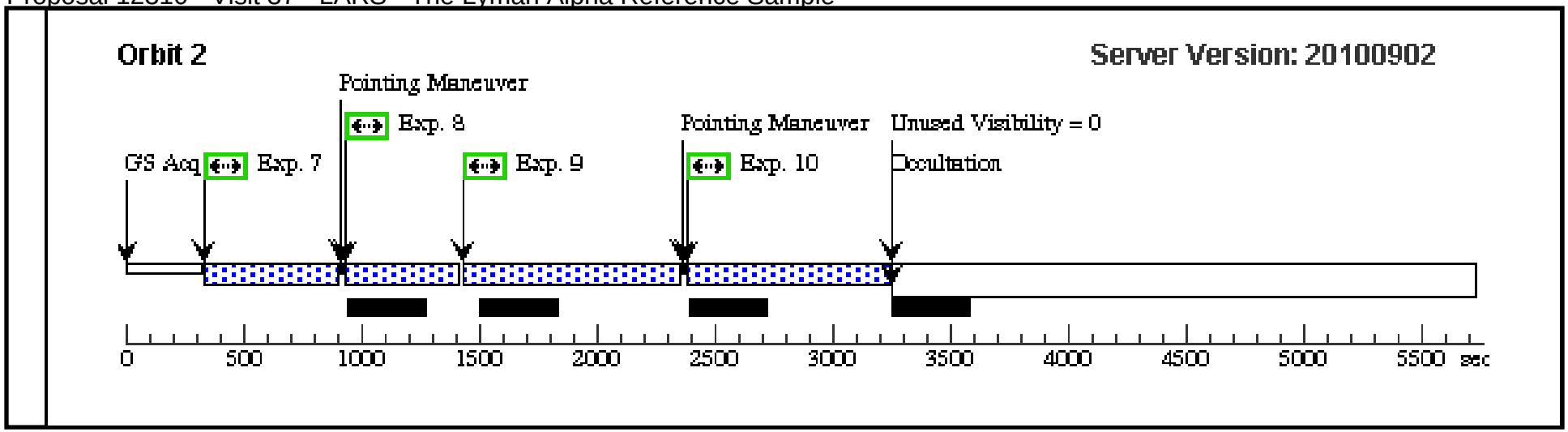
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SDSS-J131603.91+292254.0	RA: 13 16 3.9165 (199.0163188d) Dec: +29 22 54.05 (29.38168d) Equinox: J2000		V=16.30+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(7) SDSS-J131603.91+292254.0	WFC3/UVIS, ACCUM, UVIS2	F336W				450 Secs	
								[==>]	***[1]***
2		(7) SDSS-J131603.91+292254.0	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		450 Secs	
								[==>]	***[1]***
3		(7) SDSS-J131603.91+292254.0	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		400 Secs	
								[==>]	***[1]***
4		(7) SDSS-J131603.91+292254.0	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		400 Secs	
								[==>]	***[1]***
5		(7) SDSS-J131603.91+292254.0	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		356 Secs	
								[==>]	***[1]***
6		(7) SDSS-J131603.91+292254.0	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		178 Secs	
								[==>]	***[1]***
7		(7) SDSS-J131603.91+292254.0	ACS/WFC, ACCUM, WFC1-MRAMP	FR656N 6811 A				360 Secs	
								[==>]	***[2]***
8		(7) SDSS-J131603.91+292254.0	ACS/WFC, ACCUM, WFC1-MRAMP	FR656N 6811 A		POS TARG 0.247,0.267		360 Secs	
								[==>]	***[2]***
9		(7) SDSS-J131603.91+292254.0	ACS/WFC, ACCUM, WFC1-MRAMP	F502N		SAME POS AS 8		733 Secs	
								[==>]	***[2]***
10		(7) SDSS-J131603.91+292254.0	ACS/WFC, ACCUM, WFC1-MRAMP	F502N		SAME POS AS 7		734 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 8
Pointing Maneuver
Unused Visibility = 0
GS Acq
Exp. 7
Exp. 9
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 57, scheduling Fri Apr 22 01:04:33 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/SBC

Special Requirements: (none)

Comments: Target 7: (SBC-SBC)

UV observations only. Corresponding optical observations in visit 37

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC. We want to start with SBC cool to lower the dark current.

During orbits 2 and 3 we would like the ACS/SBC to be turned off, again to improve on the dark current.

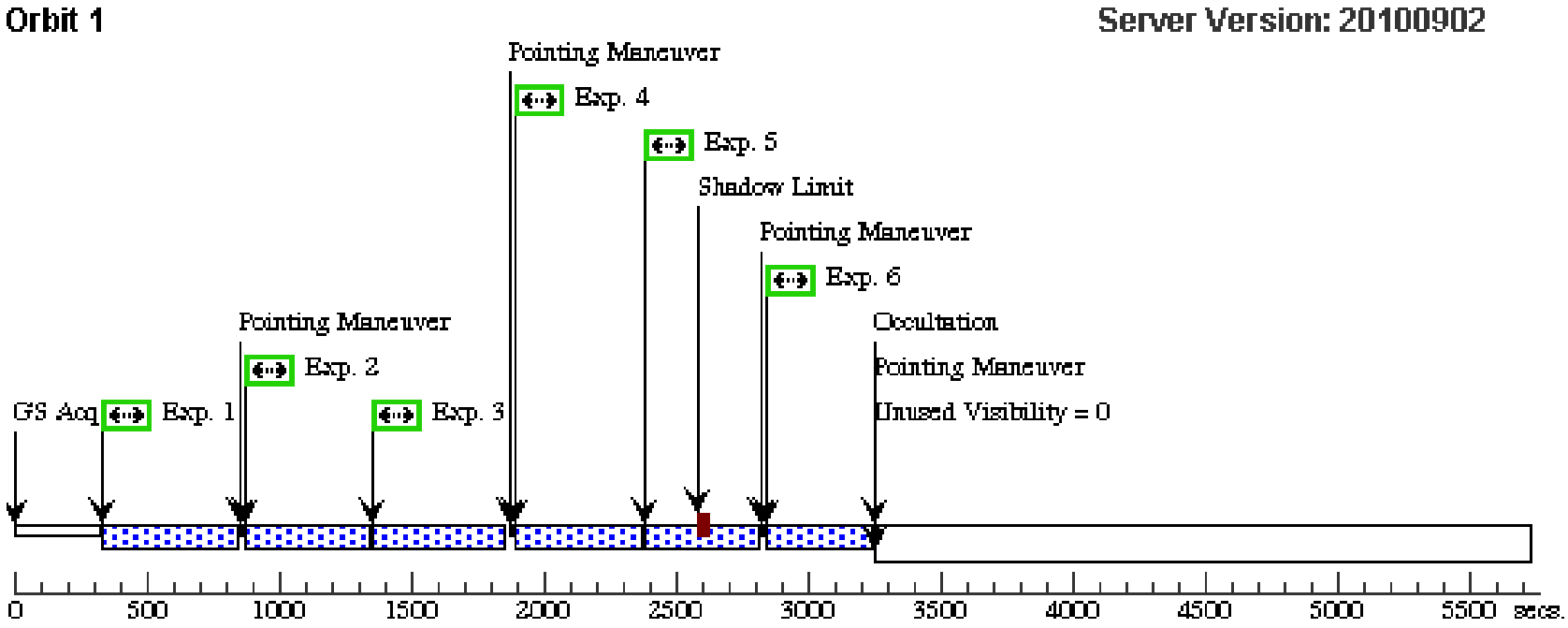
Fixed Targets

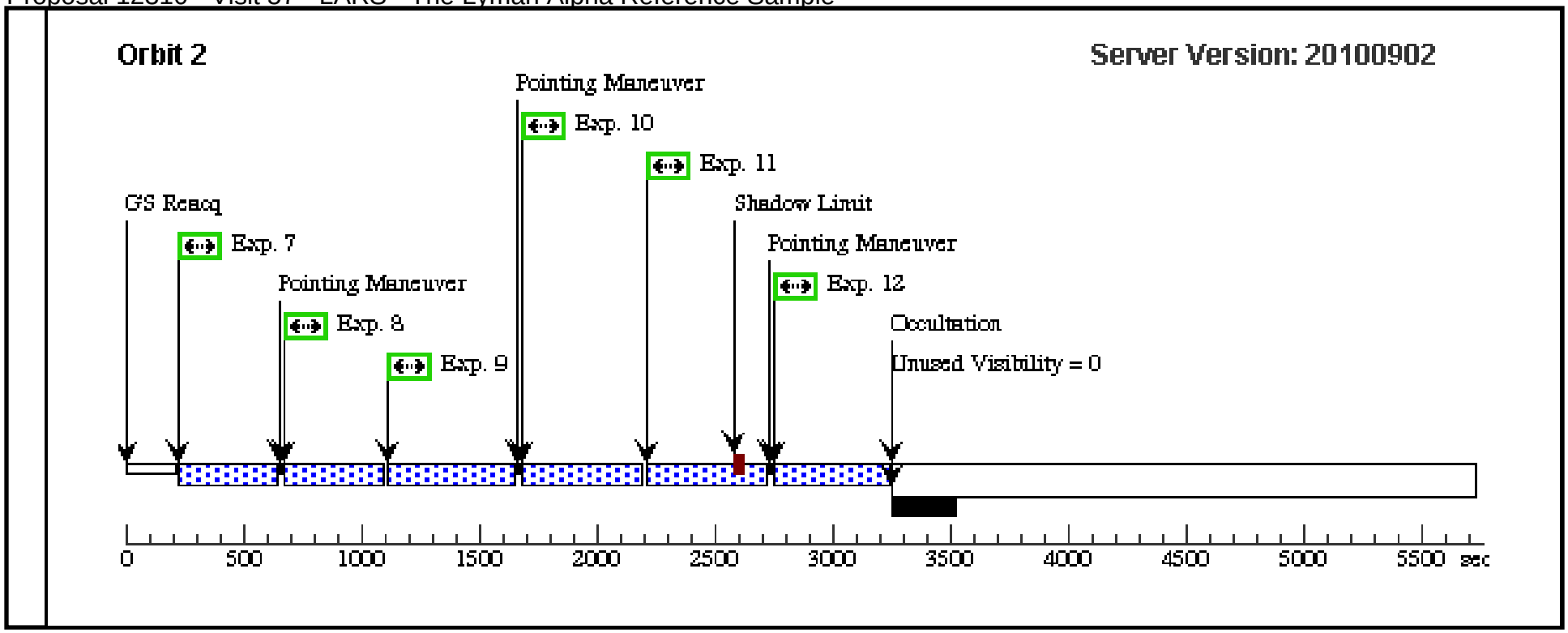
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SDSS-J131603.91+292254.0	RA: 13 16 3.9165 (199.0163188d) Dec: +29 22 54.05 (29.38168d) Equinox: J2000		V=16.30+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F140LP				440 Secs	
								[==>]	***[1]***
2		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.336,0.333		443 Secs	
								[==>]	***[1]***
3		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 2; SHADOW		450 Secs	
								[==>]	***[1]***
4		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 1; SHADOW		450 Secs	
								[==>]	***[1]***
5		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 1		375 Secs	
								[==>]	***[1]***
6		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 2		375 Secs	
								[==>]	***[1]***
7		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 0.672,0.666		395 Secs	
								[==>]	***[2]***
8		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 1.008,0.999		395 Secs	
								[==>]	***[2]***
9		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 8; SHADOW		486 Secs	
								[==>]	***[2]***
10		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 7; SHADOW		486 Secs	
								[==>]	***[2]***
11		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 7		463 Secs	
								[==>]	***[2]***
12		(7) SDSS-J131603.91+292254.0	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 8		460 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 10
Exp. 11
GS Reacq
Shadow Limit
Exp. 7
Pointing Maneuver
Pointing Maneuver
Exp. 12
Exp. 8
Occultation
Exp. 9
Unused Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 38, scheduling Fri Apr 22 01:04:33 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 45D TO 145 D

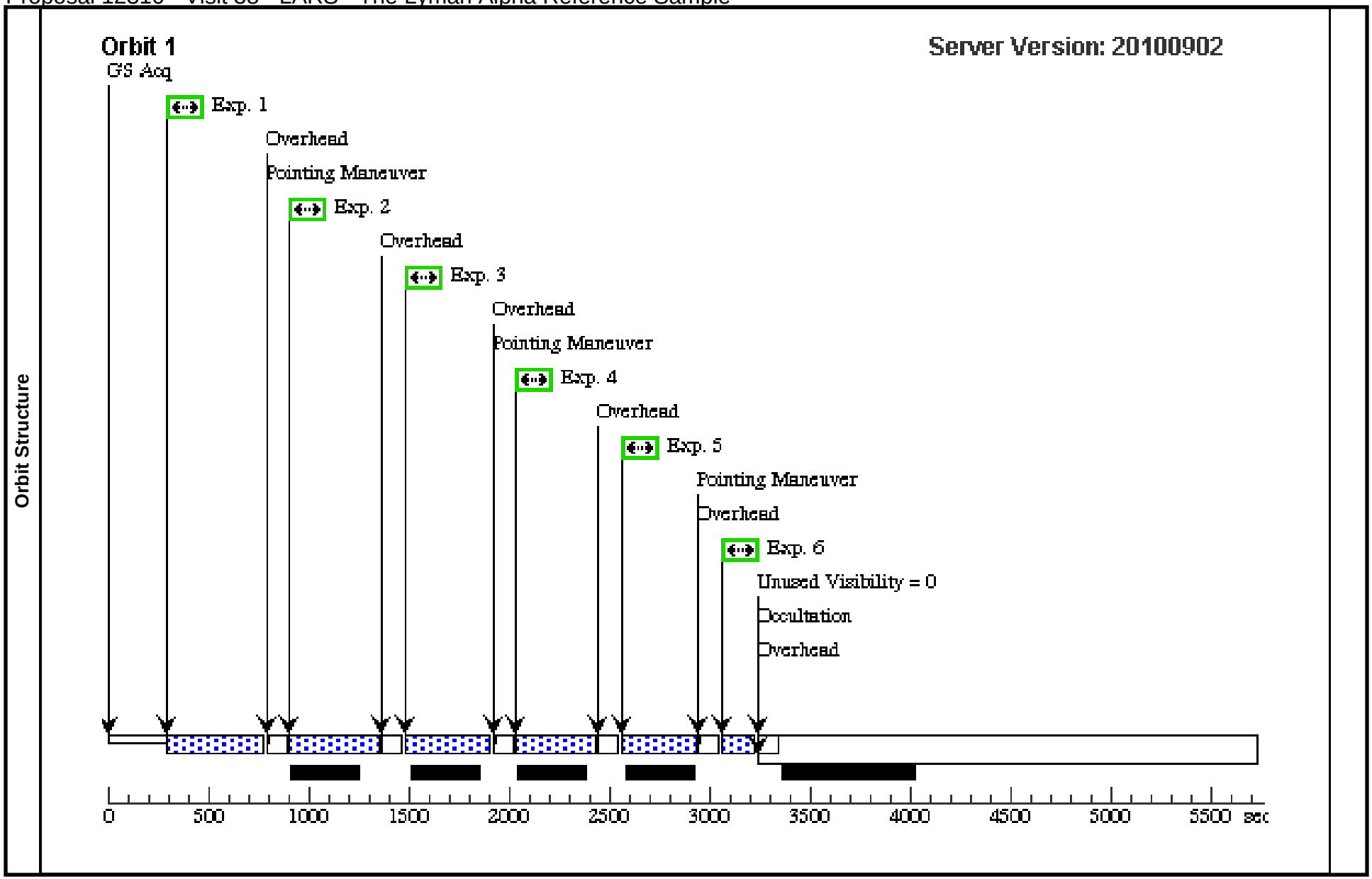
Comments: Target 8: WFC3 data, SBC is in visit 58, ACS/WFC in visit 78

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	SDSS-J125013.50+073441.5	RA: 12 50 13.8000 (192.5575000d) Dec: +07 34 43.00 (7.57861d) Equinox: J2000		V=16.79+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(8) SDSS-J125013.50+073441.5	WFC3/UVIS, ACCUM, UVIS2	F336W				450 Secs	
								[==>]	***[1]***
2		(8) SDSS-J125013.50+073441.5	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		450 Secs	
								[==>]	***[1]***
3		(8) SDSS-J125013.50+073441.5	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		400 Secs	
								[==>]	***[1]***
4		(8) SDSS-J125013.50+073441.5	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		400 Secs	
								[==>]	***[1]***
5		(8) SDSS-J125013.50+073441.5	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		354 Secs	
								[==>]	***[1]***
6		(8) SDSS-J125013.50+073441.5	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		165 Secs	
								[==>]	***[1]***


Orbit Structure
Orbit 1
Server Version: 20100902
GS Acq
Exp. 1
Overhead
Pointing Maneuver
Exp. 2
Overhead
Exp. 3
Overhead
Pointing Maneuver
Exp. 4
Overhead
Exp. 5
Pointing Maneuver
Overhead
Exp. 6
Unused Visibility = 0
Occultation
Overhead
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 78, scheduling Fri Apr 22 01:04:33 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 340D TO 30 D; ORIENT 160D TO 210 D

Comments: Target 8: ACS only (wfc3 and SBC is in visits 38 and 58)

Diagnostics

(Exposure 2 (Visit 78)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

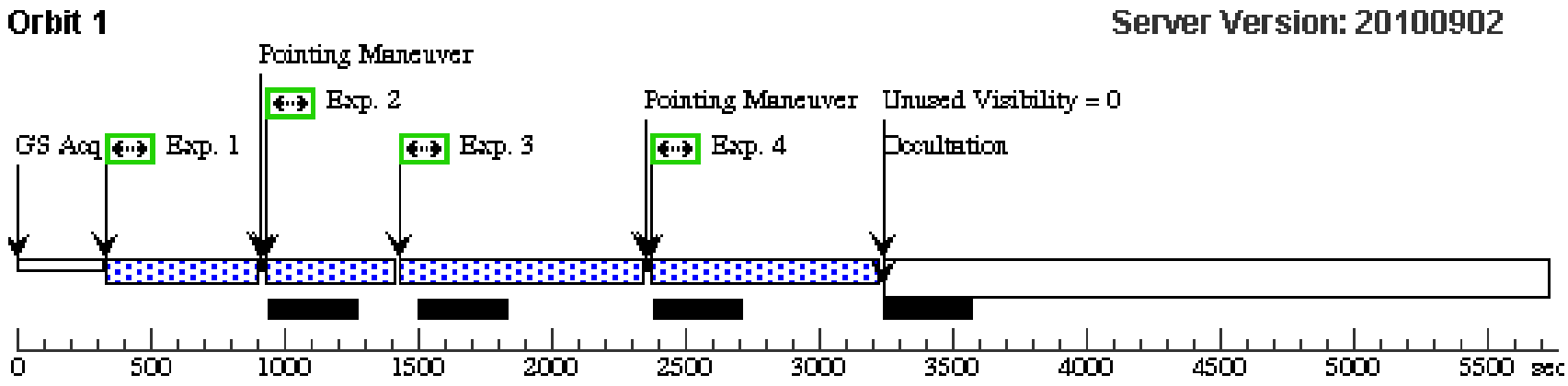
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	SDSS-J125013.50+073441.5	RA: 12 50 13.8000 (192.5575000d) Dec: +07 34 43.00 (7.57861d) Equinox: J2000		V=16.79+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(8) SDSS-J125013.50+073441.5	ACS/WFC, ACCUM, WFC1-MRAMP	FR656N 6814 A				360 Secs *[==>]*	 ***[1]***
2		(8) SDSS-J125013.50+073441.5	ACS/WFC, ACCUM, WFC1-MRAMP	FR656N 6814 A		POS TARG 0.247,0.267		360 Secs *[==>]*	 ***[1]***
3		(8) SDSS-J125013.50+073441.5	ACS/WFC, ACCUM, WFC1-MRAMP	F502N		SAME POS AS 2		726 Secs *[==>]*	 ***[1]***
4		(8) SDSS-J125013.50+073441.5	ACS/WFC, ACCUM, WFC1-MRAMP	F502N		SAME POS AS 1		726 Secs *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 12310, Visit 58, scheduling Fri Apr 22 01:04:34 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/SBC

Special Requirements: (none)

Comments: Target 8: (SBC-SBC), UV only, optical in visit 38 and 78

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC.
We want to start with SBC cool to lower the dark current.

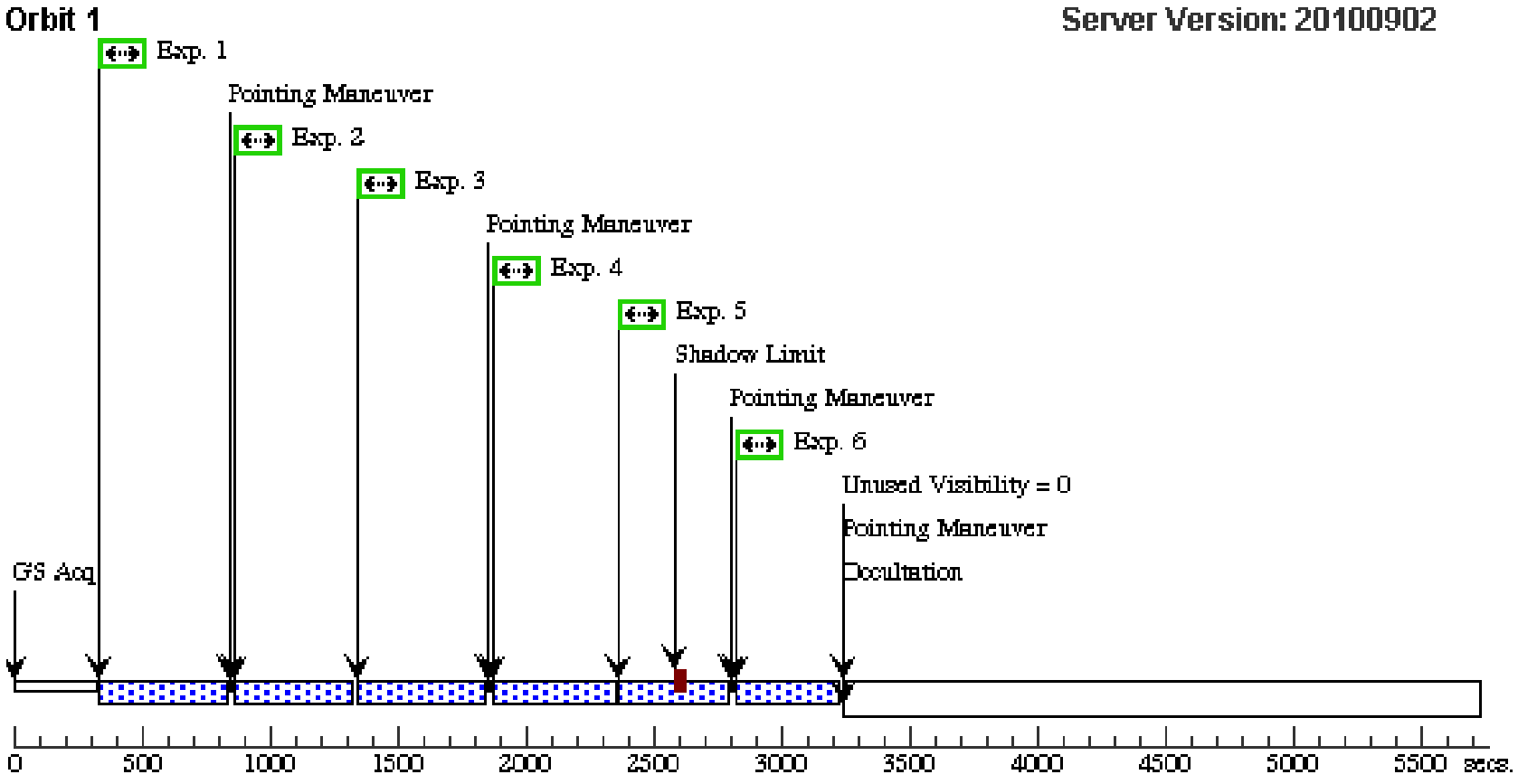
Fixed Targets

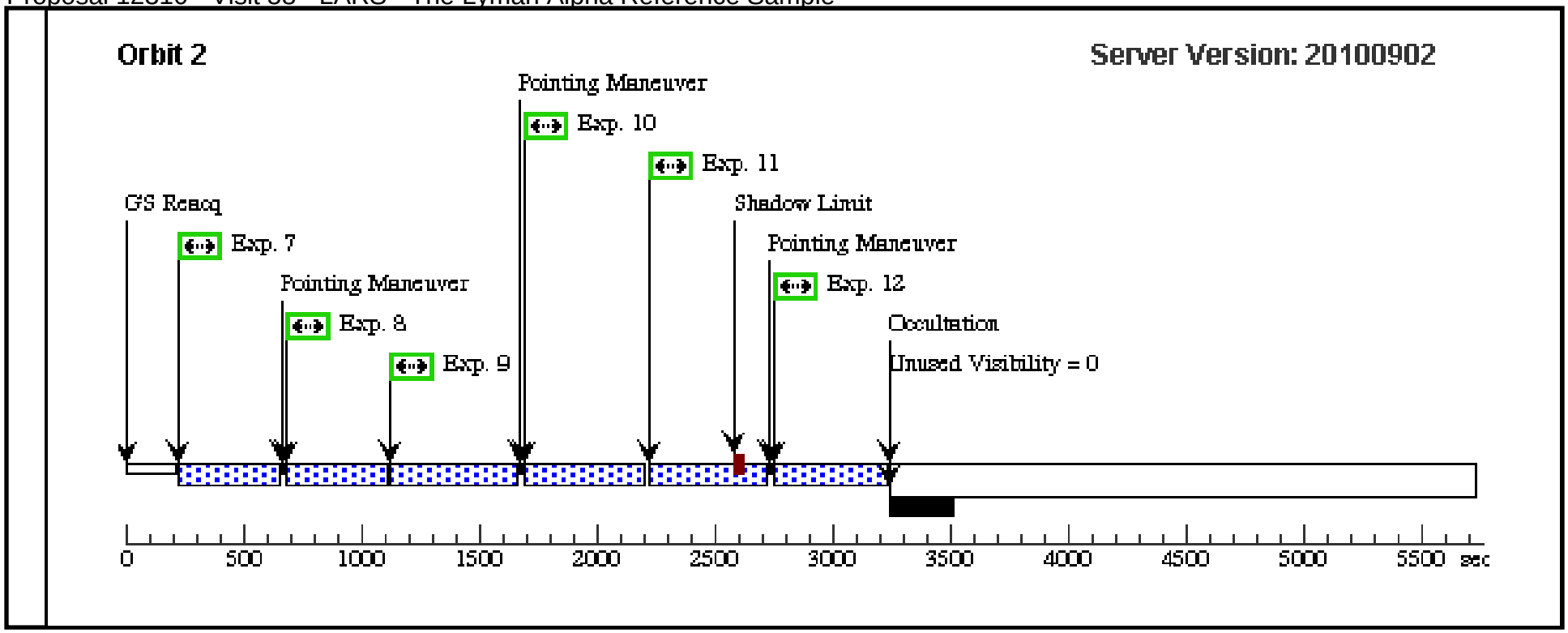
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	SDSS-J125013.50+073441.5	RA: 12 50 13.8000 (192.5575000d) Dec: +07 34 43.00 (7.57861d) Equinox: J2000		V=16.79+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F140LP				434 Secs	
								[==>]	***[1]***
2		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.336,0.333		434 Secs	
								[==>]	***[1]***
3		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 2; SHADOW		450 Secs	
								[==>]	***[1]***
4		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 1; SHADOW		450 Secs	
								[==>]	***[1]***
5		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 1		375 Secs	
								[==>]	***[1]***
6		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 2		375 Secs	
								[==>]	***[1]***
7		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 0.672,0.666		400 Secs	
								[==>]	***[2]***
8		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 1.008,0.999		400 Secs	
								[==>]	***[2]***
9		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 8; SHADOW		485 Secs	
								[==>]	***[2]***
10		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 7; SHADOW		485 Secs	
								[==>]	***[2]***
11		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 7		450 Secs	
								[==>]	***[2]***
12		(8) SDSS-J125013.50+073441.5	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 8		450 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 10
Exp. 11
GS Reacq
Shadow Limit
Exp. 7
Pointing Maneuver
Pointing Maneuver
Exp. 12
Exp. 8
Occultation
Exp. 9
Unused Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 39, completed Fri Apr 22 01:04:34 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 127D TO 133 D; ORIENT 307D TO 313 D

Comments: Target 9: (WFC3-ACS/WFC), SBC data is in visit 59

Diagnostics

(Exposure 8 (Visit 39)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

(Exposure 10 (Visit 39)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

Fixed Targets

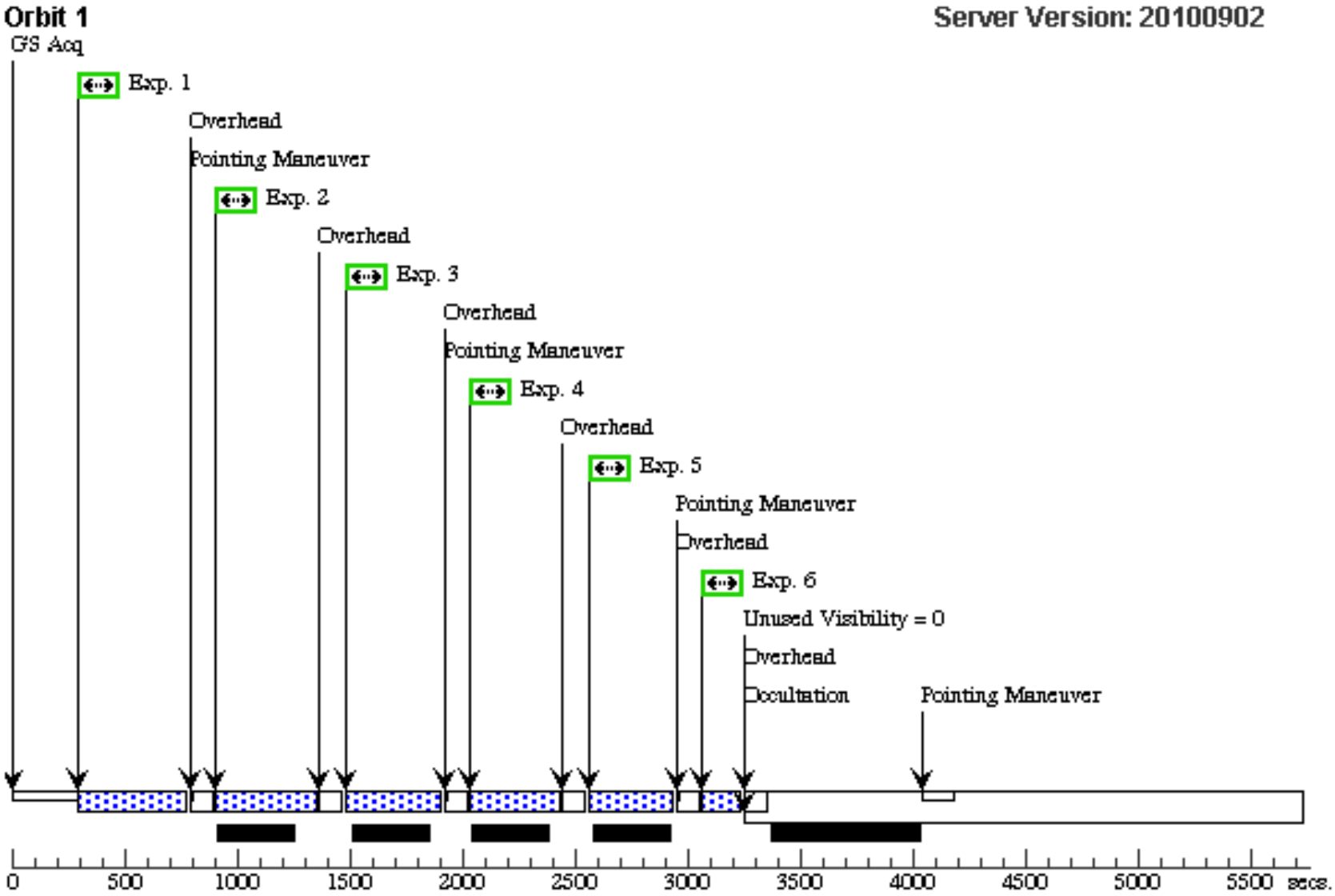
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	SDSS-J082354.96+280621.6	RA: 08 23 54.9660 (125.9790250d) Dec: +28 06 21.68 (28.10602d) Equinox: J2000		V=16.83+/-0.01	Reference Frame: ICRS

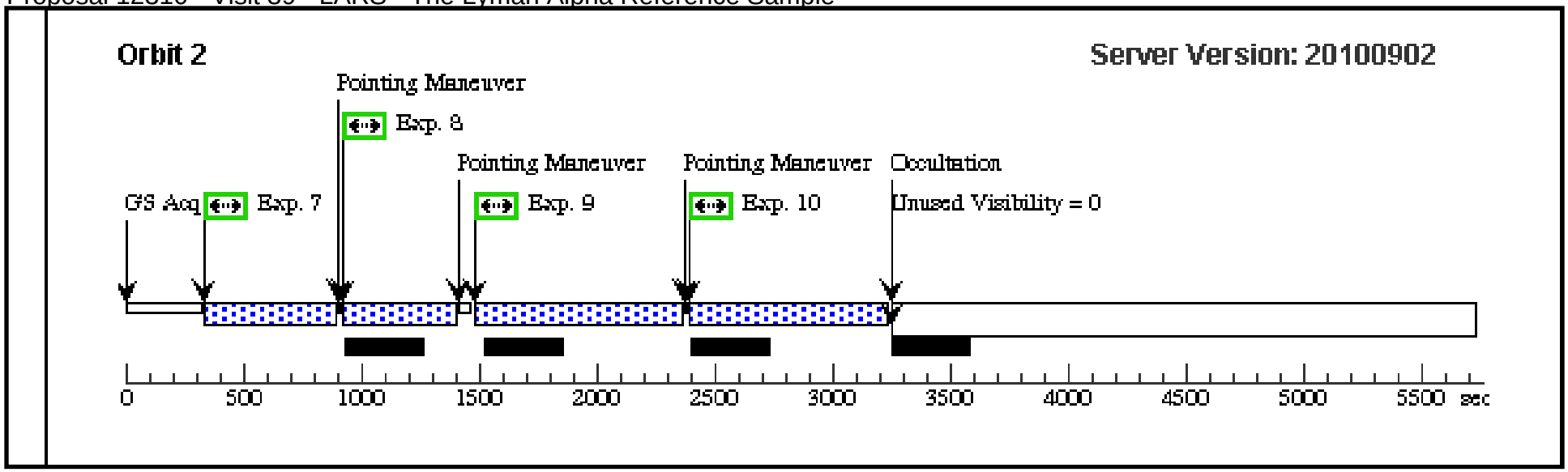
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(9) SDSS-J082354.96+280621.6	WFC3/UVIS, ACCUM, UVIS2	F336W				450 Secs	
								[==>]	***[1]***
2		(9) SDSS-J082354.96+280621.6	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		450 Secs	
								[==>]	***[1]***
3		(9) SDSS-J082354.96+280621.6	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		400 Secs	
								[==>]	***[1]***
4		(9) SDSS-J082354.96+280621.6	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		400 Secs	
								[==>]	***[1]***
5		(9) SDSS-J082354.96+280621.6	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		360 Secs	
								[==>]	***[1]***
6		(9) SDSS-J082354.96+280621.6	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		174 Secs	
								[==>]	***[1]***
7		(9) SDSS-J082354.96+280621.6	ACS/WFC, ACCUM, WFC1-IRAMP	FR716N 6873 A				354 Secs	
								[==>]	***[2]***
8		(9) SDSS-J082354.96+280621.6	ACS/WFC, ACCUM, WFC1-IRAMP	FR716N 6873 A		POS TARG 0.247,0.267		354 Secs	
								[==>]	***[2]***
9		(9) SDSS-J082354.96+280621.6	ACS/WFC, ACCUM, WFC2-MRAMP	FR505N 5093 A				720 Secs	
								[==>]	***[2]***
10		(9) SDSS-J082354.96+280621.6	ACS/WFC, ACCUM, WFC2-MRAMP	FR505N 5093 A		POS TARG 0.247,0.267		720 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 8
Pointing Maneuver
Pointing Maneuver
Occultation
GS Acq
Exp. 7
Exp. 9
Exp. 10
Unused Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 59, scheduling Fri Apr 22 01:04:35 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/SBC

Special Requirements: ORIENT 127D TO 133 D; ORIENT 307D TO 313 D

Comments: Target 9: (SBC-SBC), UV only. Optical data in visit 39

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC.
We want to start with SBC cool to lower the dark current.

Fixed Targets

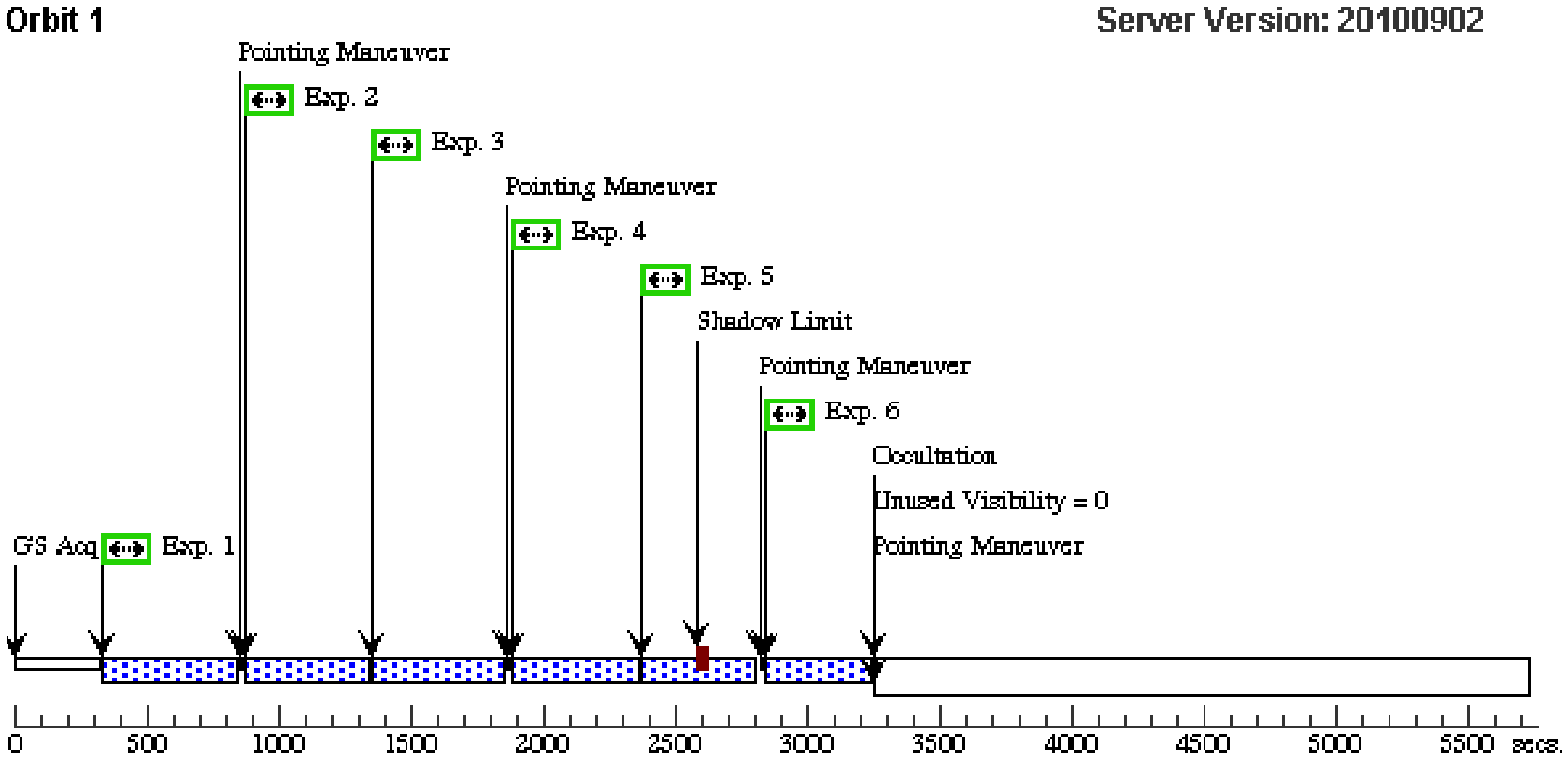
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	SDSS-J082354.96+280621.6	RA: 08 23 54.9660 (125.9790250d) Dec: +28 06 21.68 (28.10602d) Equinox: J2000		V=16.83+/-0.01	Reference Frame: ICRS

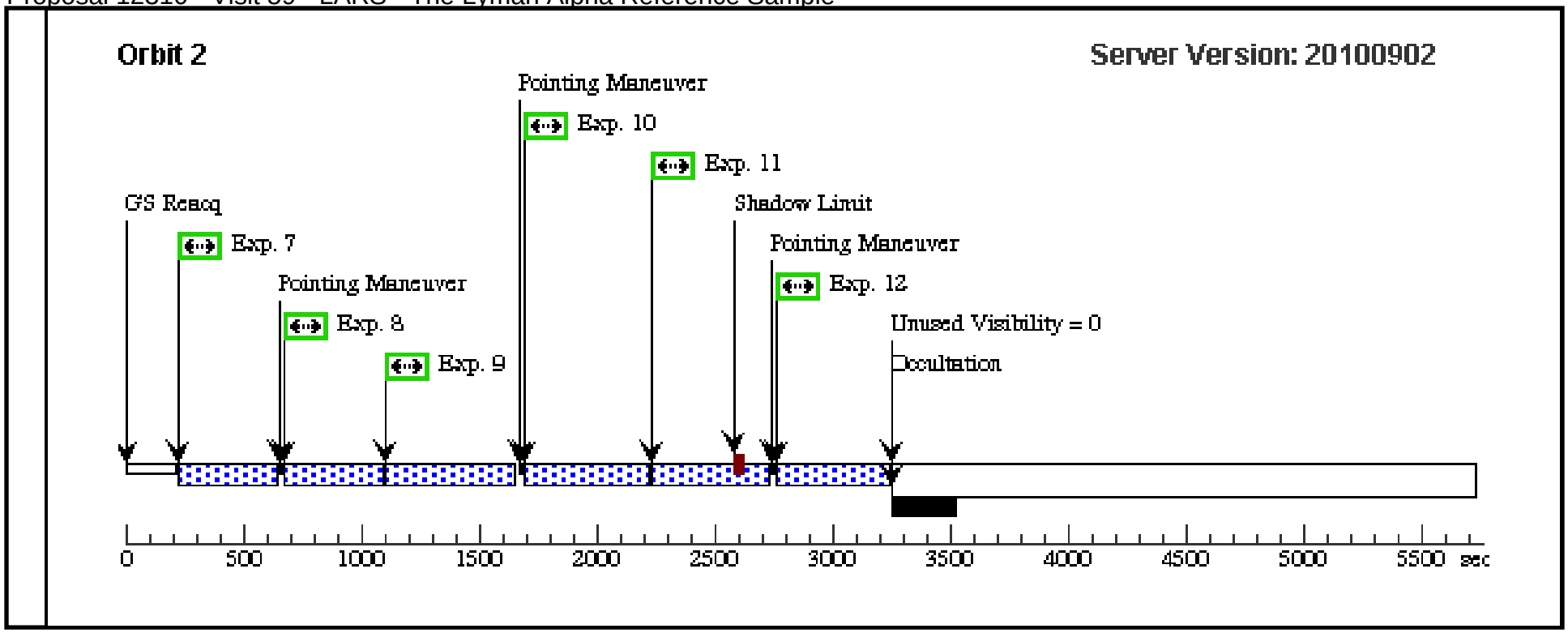
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F140LP				440 Secs	
								[==>]	***[1]***
2		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.336,0.333		440 Secs	
								[==>]	***[1]***
3		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 2; SHADOW		450 Secs	
								[==>]	***[1]***
4		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 1; SHADOW		450 Secs	
								[==>]	***[1]***
5		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 1		377 Secs	
								[==>]	***[1]***
6		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 2		376 Secs	
								[==>]	***[1]***
7		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 0.672,0.666		392 Secs	
								[==>]	***[2]***
8		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 1.008,0.999		393 Secs	
								[==>]	***[2]***
9		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 8; SHADOW		500 Secs	
								[==>]	***[2]***
10		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 7; SHADOW		500 Secs	
								[==>]	***[2]***
11		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 7		450 Secs	
								[==>]	***[2]***
12		(9) SDSS-J082354.96+280621.6	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 8		450 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 10
Exp. 11
GS Reacq
Shadow Limit
Exp. 7
Pointing Maneuver
Pointing Maneuver
Exp. 12
Exp. 8
Unused Visibility = 0
Exp. 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 40, scheduling Fri Apr 22 01:04:35 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: (none)

Comments: Target 10: (WFC3-ACS/WFC)

Optical observations only. Corresponding UV observations in visit 60

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC.
We want to start with SBC cool to lower the dark current.

During orbits 2 and 3 we would like the ACS/SBC to be turned off, again to improve on the dark current.

Diagnostics

(Exposure 8 (Visit 40)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

(Exposure 10 (Visit 40)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

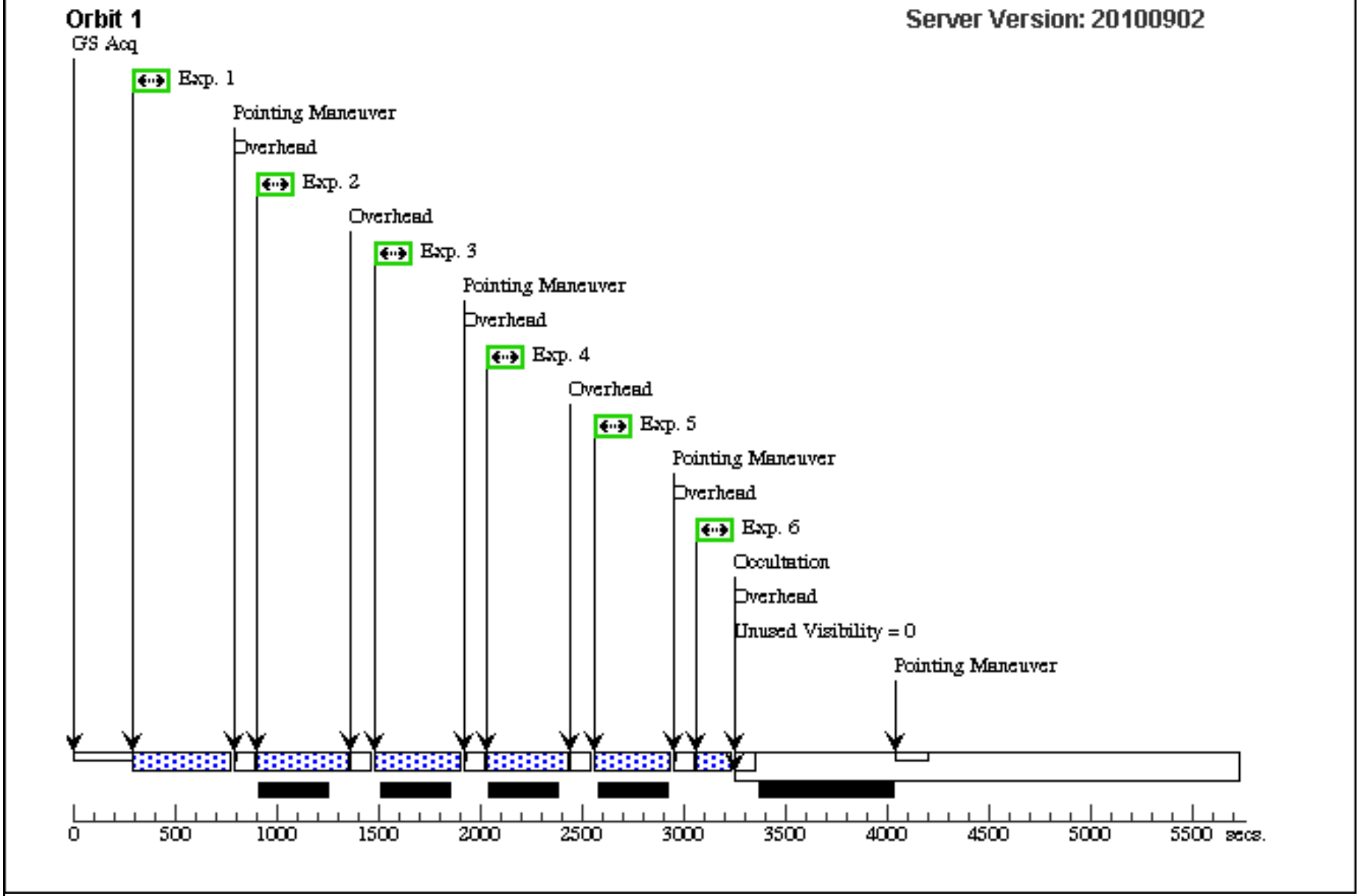
Fixed Targets

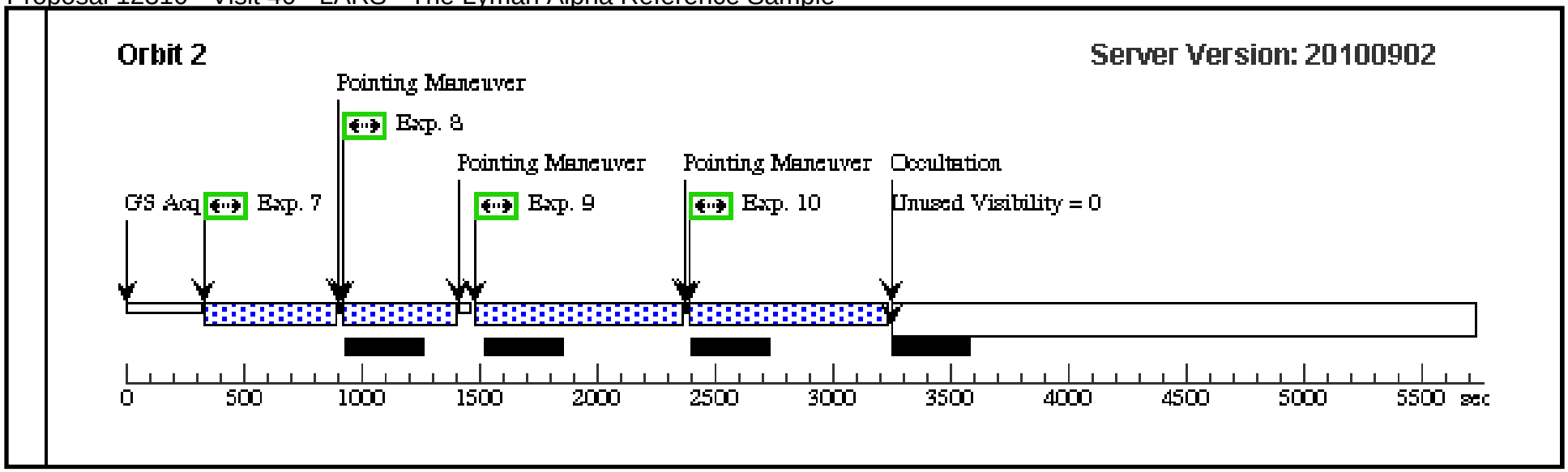
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	SDSS-J130141.52+292252.8	RA: 13 01 41.5268 (195.4230283d) Dec: +29 22 52.85 (29.38135d) Equinox: J2000		V=16.60+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(10) SDSS-J130141.52+292252.8	WFC3/UVIS, ACCUM, UVIS2	F336W				450 Secs	
								[==>]	***[1]***
2		(10) SDSS-J130141.52+292252.8	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		450 Secs	
								[==>]	***[1]***
3		(10) SDSS-J130141.52+292252.8	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		400 Secs	
								[==>]	***[1]***
4		(10) SDSS-J130141.52+292252.8	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		400 Secs	
								[==>]	***[1]***
5		(10) SDSS-J130141.52+292252.8	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		360 Secs	
								[==>]	***[1]***
6		(10) SDSS-J130141.52+292252.8	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		174 Secs	
								[==>]	***[1]***
7		(10) SDSS-J130141.52+292252.8	ACS/WFC, ACCUM, WFC1-IRAMP	FR716N 6940 A				354 Secs	
								[==>]	***[2]***
8		(10) SDSS-J130141.52+292252.8	ACS/WFC, ACCUM, WFC1-IRAMP	FR716N 6940 A		POS TARG 0.247,0.267		354 Secs	
								[==>]	***[2]***
9		(10) SDSS-J130141.52+292252.8	ACS/WFC, ACCUM, WFC2-MRAMP	FR505N 5140 A				720 Secs	
								[==>]	***[2]***
10		(10) SDSS-J130141.52+292252.8	ACS/WFC, ACCUM, WFC2-MRAMP	FR505N 5140 A		POS TARG 0.247,0.267		720 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 8
Pointing Maneuver
Pointing Maneuver
Occultation
GS Acq
Exp. 7
Exp. 9
Exp. 10
Unused Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 60, scheduling Fri Apr 22 01:04:36 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/SBC

Special Requirements: (none)

Comments: Target 10: (SBC-SBC)

UV observations only. Corresponding optical observations in visit 40

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC. We want to start with SBC cool to lower the dark current.

During orbits 2 and 3 we would like the ACS/SBC to be turned off, again to improve on the dark current.

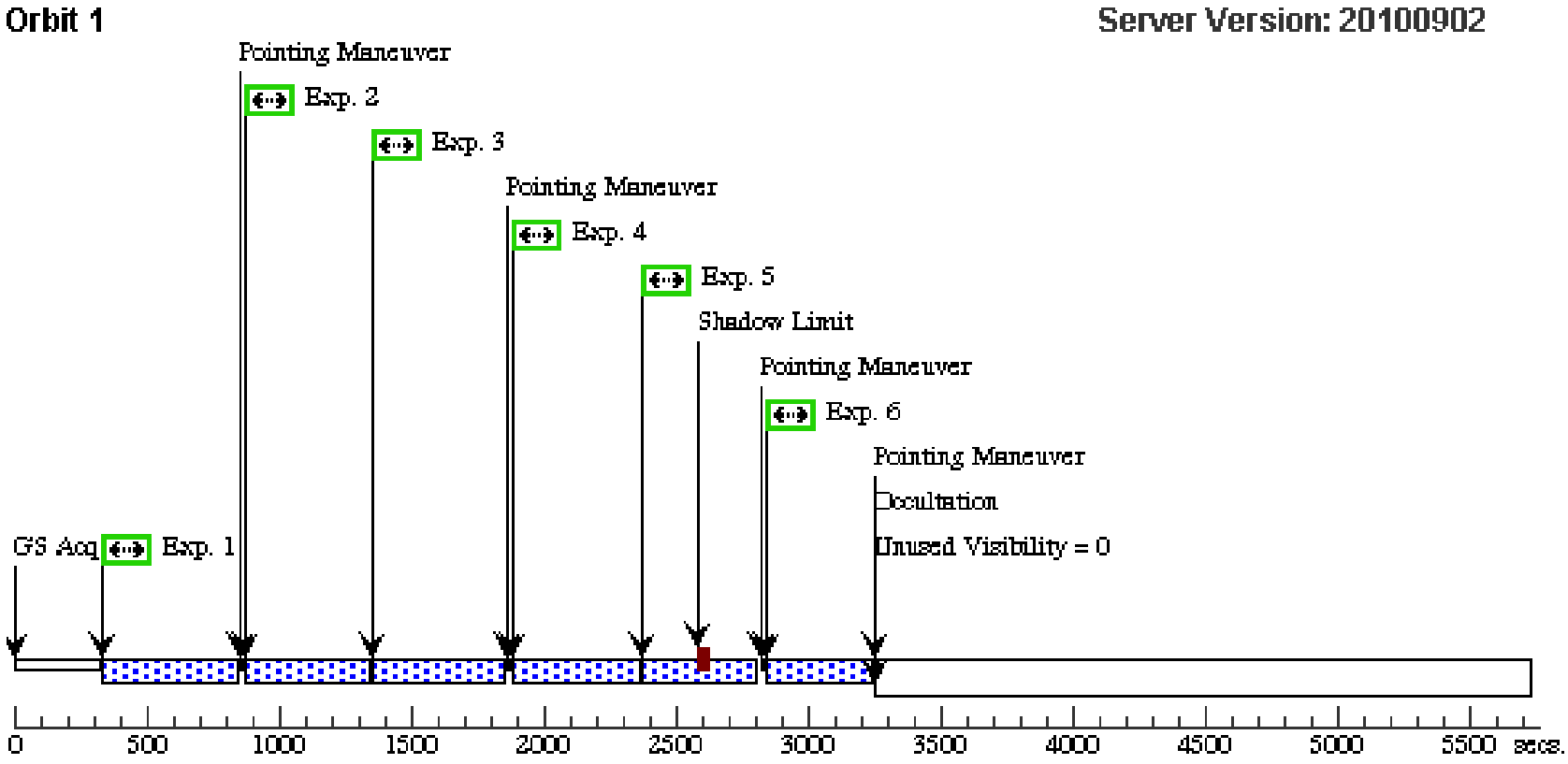
Fixed Targets

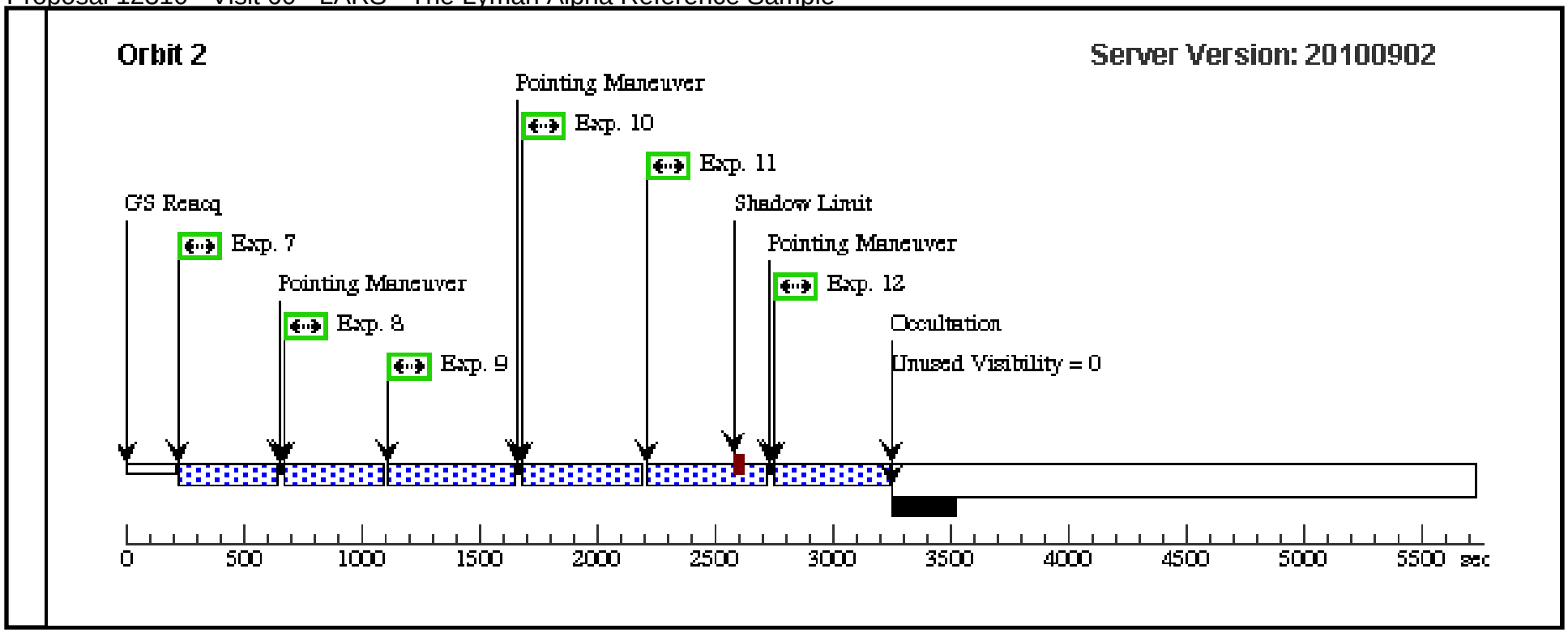
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	SDSS-J130141.52+292252.8	RA: 13 01 41.5268 (195.4230283d) Dec: +29 22 52.85 (29.38135d) Equinox: J2000		V=16.60+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F140LP				440 Secs	
								[==>]	***[1]***
2		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.336,0.333		440 Secs	
								[==>]	***[1]***
3		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 2; SHADOW		450 Secs	
								[==>]	***[1]***
4		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 1; SHADOW		450 Secs	
								[==>]	***[1]***
5		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 1		377 Secs	
								[==>]	***[1]***
6		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 2		376 Secs	
								[==>]	***[1]***
7		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 0.672,0.666		395 Secs	
								[==>]	***[2]***
8		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 1.008,0.999		395 Secs	
								[==>]	***[2]***
9		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 8; SHADOW		486 Secs	
								[==>]	***[2]***
10		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 7; SHADOW		486 Secs	
								[==>]	***[2]***
11		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 7		461 Secs	
								[==>]	***[2]***
12		(10) SDSS-J130141.52+292252.8	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 8		462 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 10
Exp. 11
GS Reacq
Shadow Limit
Exp. 7
Pointing Maneuver
Pointing Maneuver
Exp. 12
Exp. 8
Occultation
Exp. 9
Unused Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 41, completed Fri Apr 22 01:04:36 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 80D TO 100 D; ORIENT 260D TO 280 D

Comments: Target 11: (WFC3-ACS/WFC) optical only, UV in visit 61

Diagnostics

(Exposure 8 (Visit 41)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

(Exposure 10 (Visit 41)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

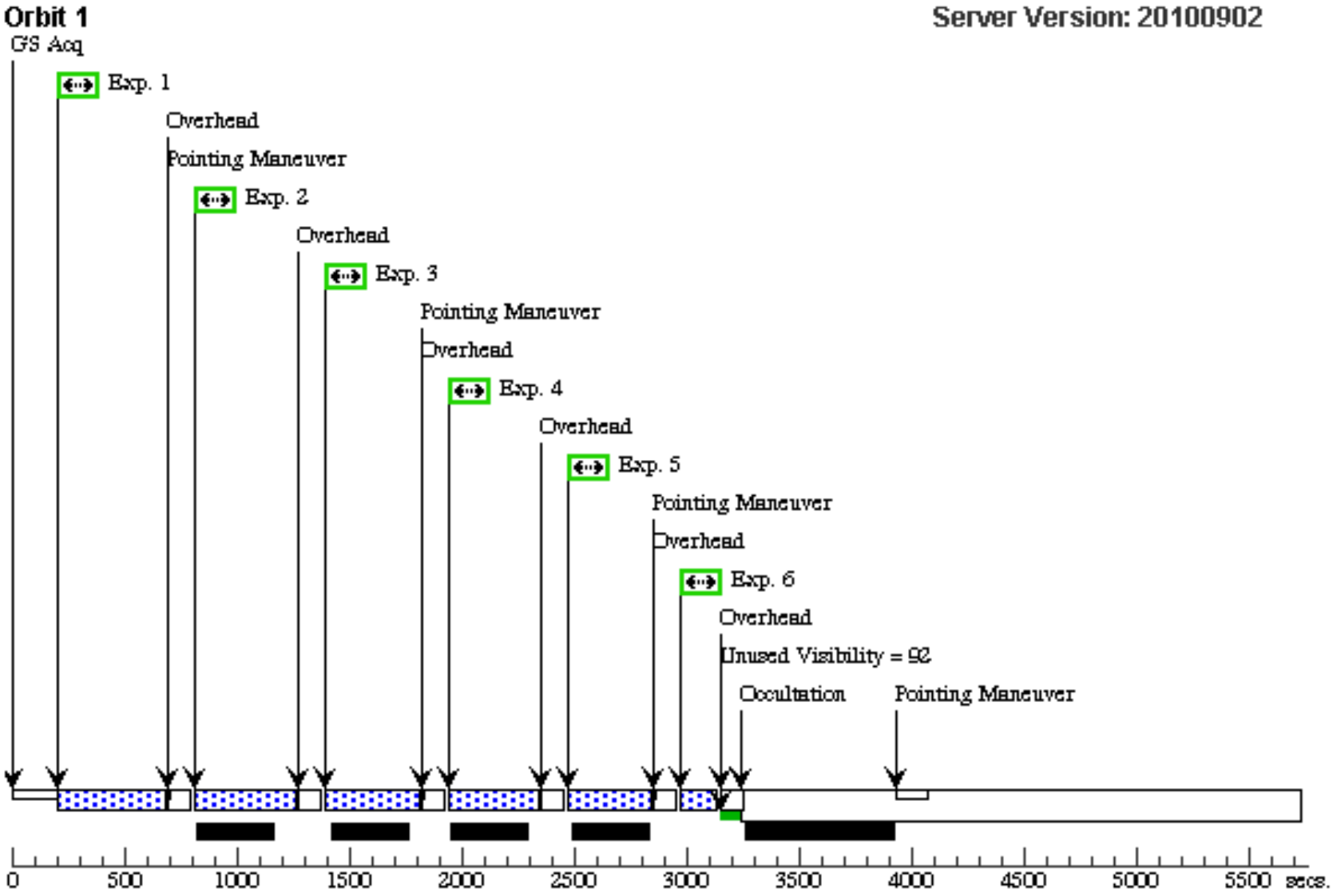
Fixed Targets

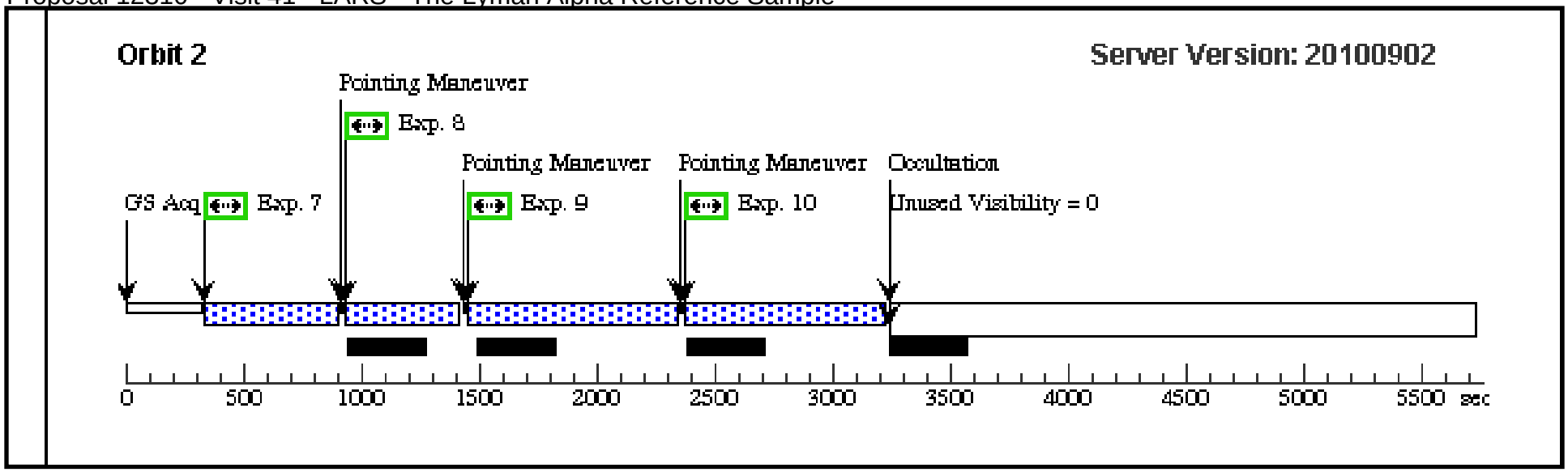
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	SDSS-J140347.22+062812.1	RA: 14 03 47.2245 (210.9467688d) Dec: +06 28 12.17 (6.47005d) Equinox: J2000		V=16.22+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(11) SDSS-J140347.22+062812.1	WFC3/UVIS, ACCUM, UVIS2	F336W		GS ACQ SCENARIO ONEB1B3		450 Secs	
								[==>]	***[1]***
2		(11) SDSS-J140347.22+062812.1	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		450 Secs	
								[==>]	***[1]***
3		(11) SDSS-J140347.22+062812.1	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		400 Secs	
								[==>]	***[1]***
4		(11) SDSS-J140347.22+062812.1	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		400 Secs	
								[==>]	***[1]***
5		(11) SDSS-J140347.22+062812.1	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		355 Secs	
								[==>]	***[1]***
6		(11) SDSS-J140347.22+062812.1	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		164 Secs	
								[==>]	***[1]***
7		(11) SDSS-J140347.22+062812.1	ACS/WFC, ACCUM, WFC1-IRAMP	FR716N 7116 A				360 Secs	
								[==>]	***[2]***
8		(11) SDSS-J140347.22+062812.1	ACS/WFC, ACCUM, WFC1-IRAMP	FR716N 7116 A		POS TARG 0.247,0.267		360 Secs	
								[==>]	***[2]***
9		(11) SDSS-J140347.22+062812.1	ACS/WFC, ACCUM, WFC1-IRAMP	FR551N 5271 A				728 Secs	
								[==>]	***[2]***
10		(11) SDSS-J140347.22+062812.1	ACS/WFC, ACCUM, WFC1-IRAMP	FR551N 5271 A		POS TARG 0.247,0.267		729 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 8
Pointing Maneuver
Pointing Maneuver
Occultation
GS Acq
Exp. 7
Exp. 9
Exp. 10
Unused Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 61, completed Fri Apr 22 01:04:36 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/SBC

Special Requirements: SCHED 40%; ORIENT 60D TO 120 D; ORIENT 240D TO 300 D; ORIENT 330D TO 30 D; ORIENT 150D TO 210 D

Comments: Target 11: (SBC-SBC). UV only, optical data in visit 41

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC.
We want to start with SBC cool to lower the dark current.

Second orbit is not fully packed because APT claims that then it is not schedulable. Expand exposures if possible (and schedulable) or suggest shorter exposure time.

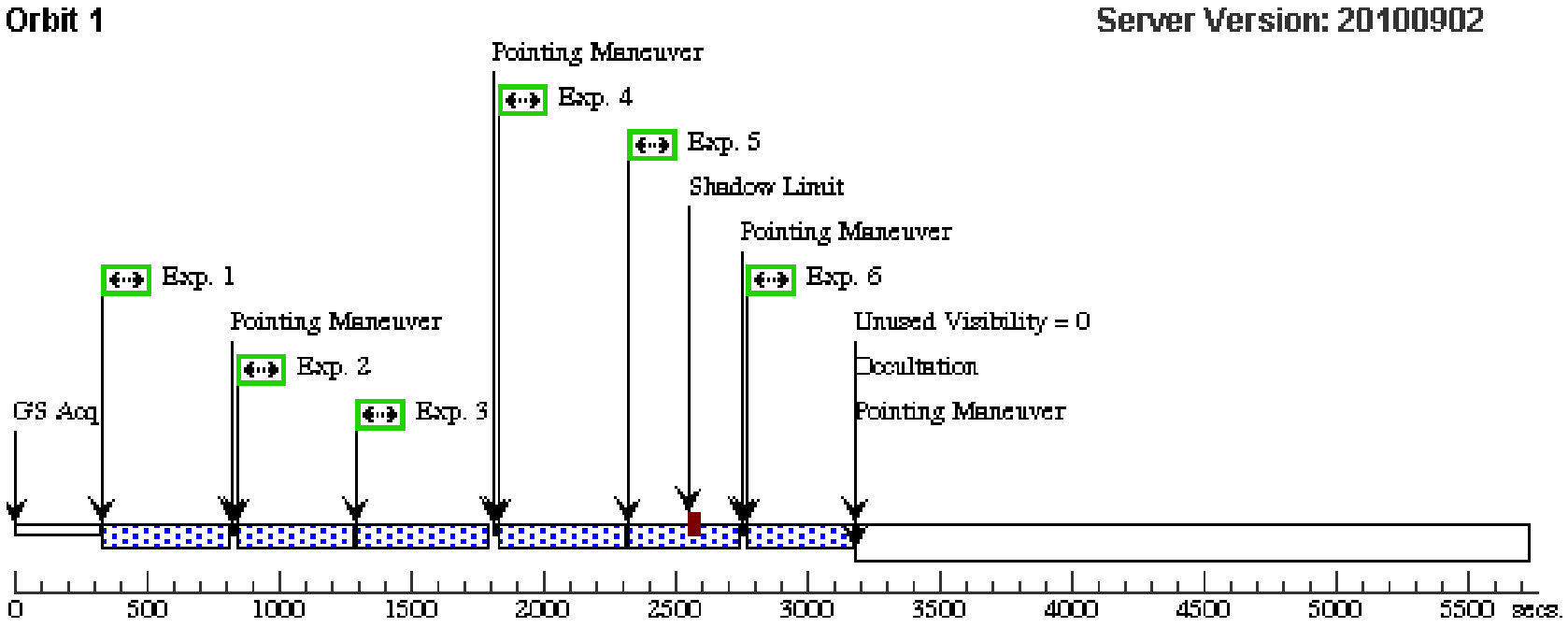
Fixed Targets

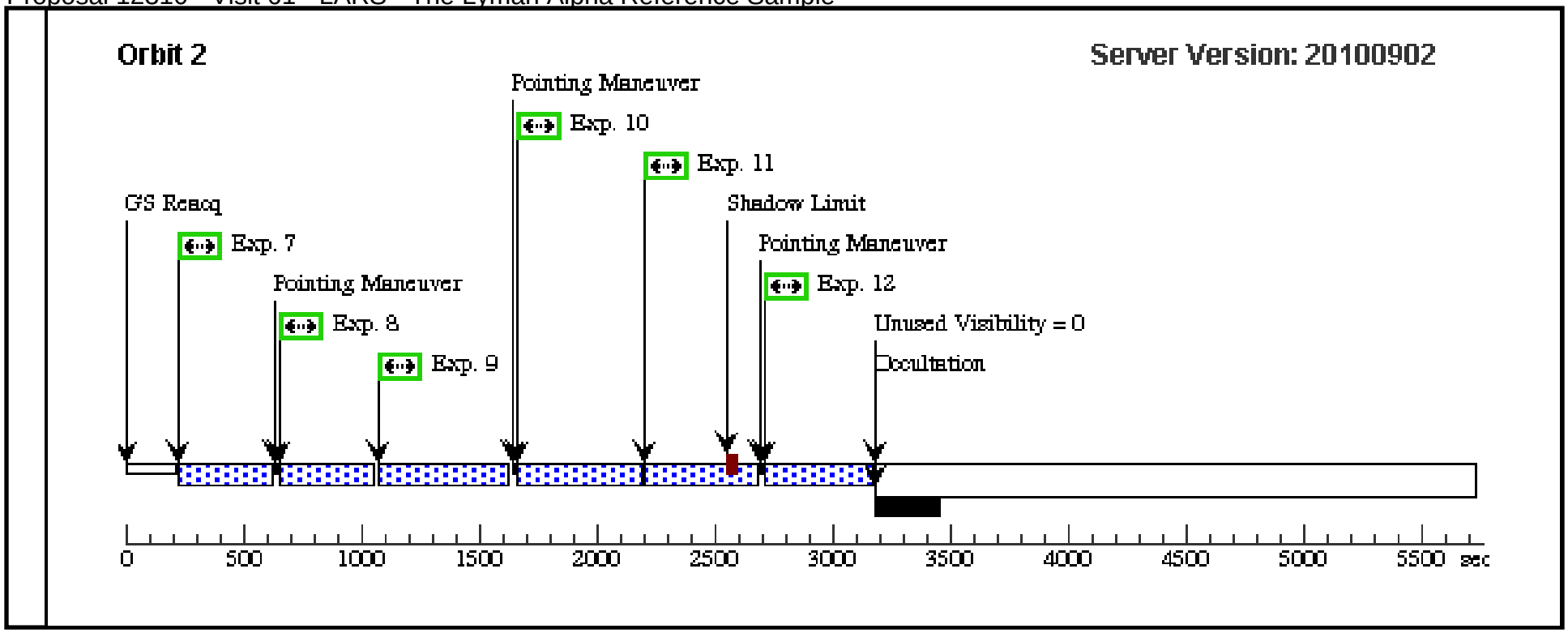
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	SDSS-J140347.22+062812.1	RA: 14 03 47.2245 (210.9467688d) Dec: +06 28 12.17 (6.47005d) Equinox: J2000		V=16.22+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F140LP				410 Secs *[==>]*	 ***[1]***
2		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.336,0.333		413 Secs *[==>]*	 ***[1]***
3		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 2; SHADOW		450 Secs *[==>]*	 ***[1]***
4		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 1; SHADOW		450 Secs *[==>]*	 ***[1]***
5		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 1		370 Secs *[==>]*	 ***[1]***
6		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F150LP		SAME POS AS 2		370 Secs *[==>]*	 ***[1]***
7		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 0.672,0.666		375 Secs *[==>]*	 ***[2]***
8		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F150LP		POS TARG 1.008,0.999		375 Secs *[==>]*	 ***[2]***
9		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 8; SHADOW		500 Secs *[==>]*	 ***[2]***
10		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 7; SHADOW		500 Secs *[==>]*	 ***[2]***
11		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 7		435 Secs *[==>]*	 ***[2]***
12		(11) SDSS-J140347.22+062812.1	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 8		430 Secs *[==>]*	 ***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 10
Exp. 11
GS Reacq
Shadow Limit
Exp. 7
Pointing Maneuver
Pointing Maneuver
Exp. 12
Exp. 8
Unused Visibility = 0
Exp. 9
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 42, completed Fri Apr 22 01:04:37 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: (none)

Comments: Target 12: (WFC3-ACS/WFC) only SBC in separate visit (62) for schedulability

Diagnostics

(Exposure 8 (Visit 42)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

(Exposure 10 (Visit 42)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

Fixed Targets

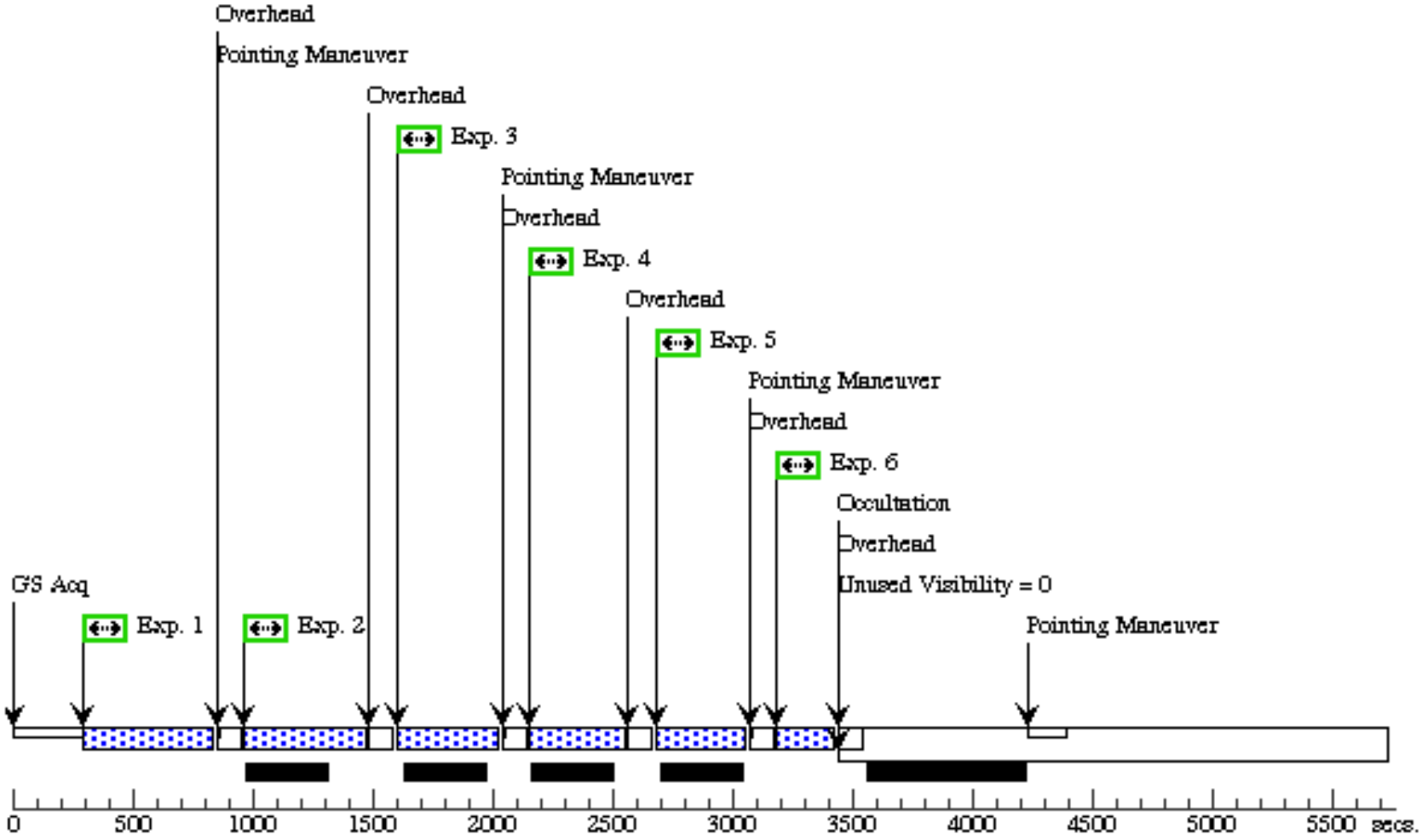
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	LEDA-27453	RA: 09 38 13.4940 (144.5562250d) Dec: +54 28 25.10 (54.47364d) Equinox: J2000		V=17.55+/-0.01	Reference Frame: ICRS

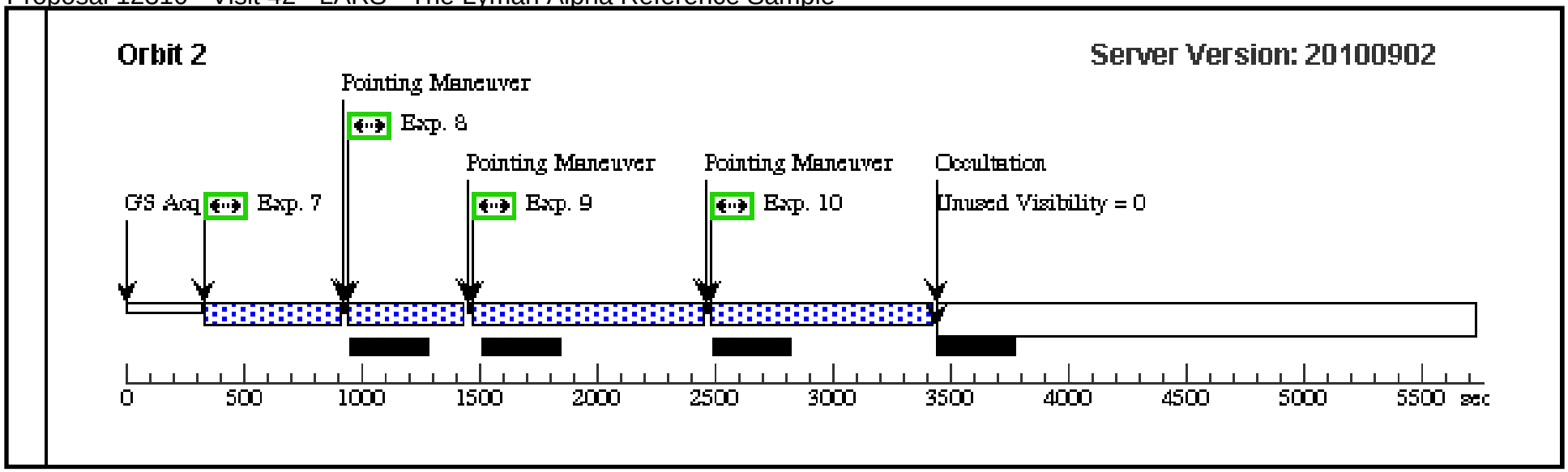
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(12) LEDA-27453	WFC3/UVIS, ACCUM, UVIS2	F336W				510 Secs	
								[==>]	***[1]***
2		(12) LEDA-27453	WFC3/UVIS, ACCUM, UVIS2	F336W		POS TARG 0.099,0.106		510 Secs	
								[==>]	***[1]***
3		(12) LEDA-27453	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 2		400 Secs	
								[==>]	***[1]***
4		(12) LEDA-27453	WFC3/UVIS, ACCUM, UVIS2	F438W		SAME POS AS 1		400 Secs	
								[==>]	***[1]***
5		(12) LEDA-27453	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 1		360 Secs	
								[==>]	***[1]***
6		(12) LEDA-27453	WFC3/UVIS, ACCUM, UVIS2	F775W		SAME POS AS 2		244 Secs	
								[==>]	***[1]***
7		(12) LEDA-27453	ACS/WFC, ACCUM, WFC1-IRAMP	FR716N 7233 A				370 Secs	
								[==>]	***[2]***
8		(12) LEDA-27453	ACS/WFC, ACCUM, WFC1-IRAMP	FR716N 7233 A		POS TARG 0.247,0.267		370 Secs	
								[==>]	***[2]***
9		(12) LEDA-27453	ACS/WFC, ACCUM, WFC1-IRAMP	FR551N 5357 A				820 Secs	
								[==>]	***[2]***
10		(12) LEDA-27453	ACS/WFC, ACCUM, WFC1-IRAMP	FR551N 5357 A		POS TARG 0.247,0.267		820 Secs	
								[==>]	***[2]***

Orbit Structure




Orbit 2
Server Version: 20100902
Pointing Maneuver
Exp. 8
Pointing Maneuver
Pointing Maneuver
Occultation
GS Acq
Exp. 7
Exp. 9
Exp. 10
Unused Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 62, completed Fri Apr 22 01:04:37 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/SBC

Special Requirements: (none)

Comments: Target 12: single SBC orbit (corresponding optical data is in visit 42)

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC.
We want to start with SBC cool to lower the dark current.

Fixed Targets

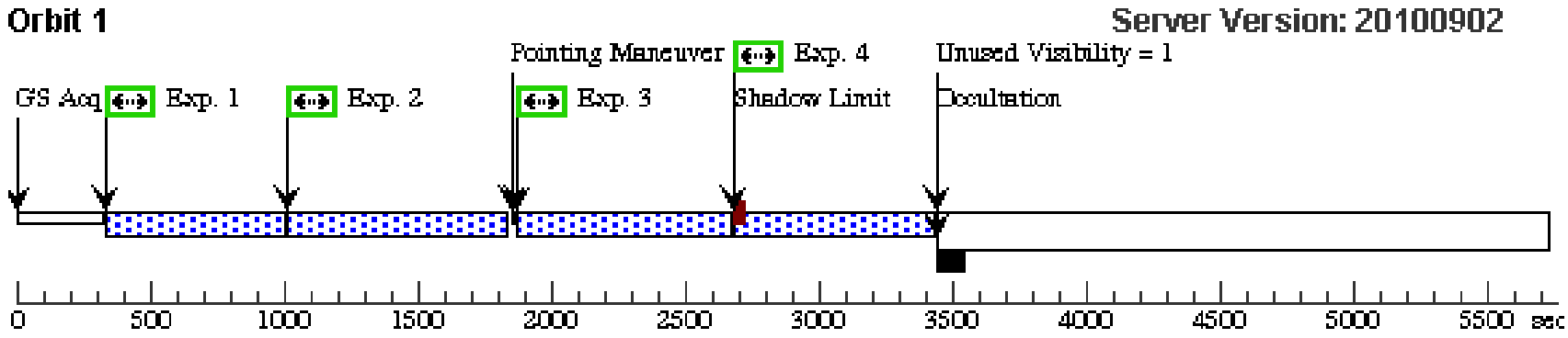
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	LEDA-27453	RA: 09 38 13.4940 (144.5562250d) Dec: +54 28 25.10 (54.47364d) Equinox: J2000		V=17.55+/-0.01	Reference Frame: ICRS

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(12) LEDA-27453	ACS/SBC, ACCUM, SBC-FIX	F140LP				600 Secs	
								[==>]	***[1]***
2		(12) LEDA-27453	ACS/SBC, ACCUM, SBC-FIX	F125LP		SAME POS AS 1; SHADOW		773 Secs	
								[==>]	***[1]***
3		(12) LEDA-27453	ACS/SBC, ACCUM, SBC-FIX	F125LP		POS TARG 0.336,0.333; SHADOW		772 Secs	
								[==>]	***[1]***
4		(12) LEDA-27453	ACS/SBC, ACCUM, SBC-FIX	F140LP		SAME POS AS 3		700 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 12310, Visit 43, completed Fri Apr 22 01:04:37 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: (none)

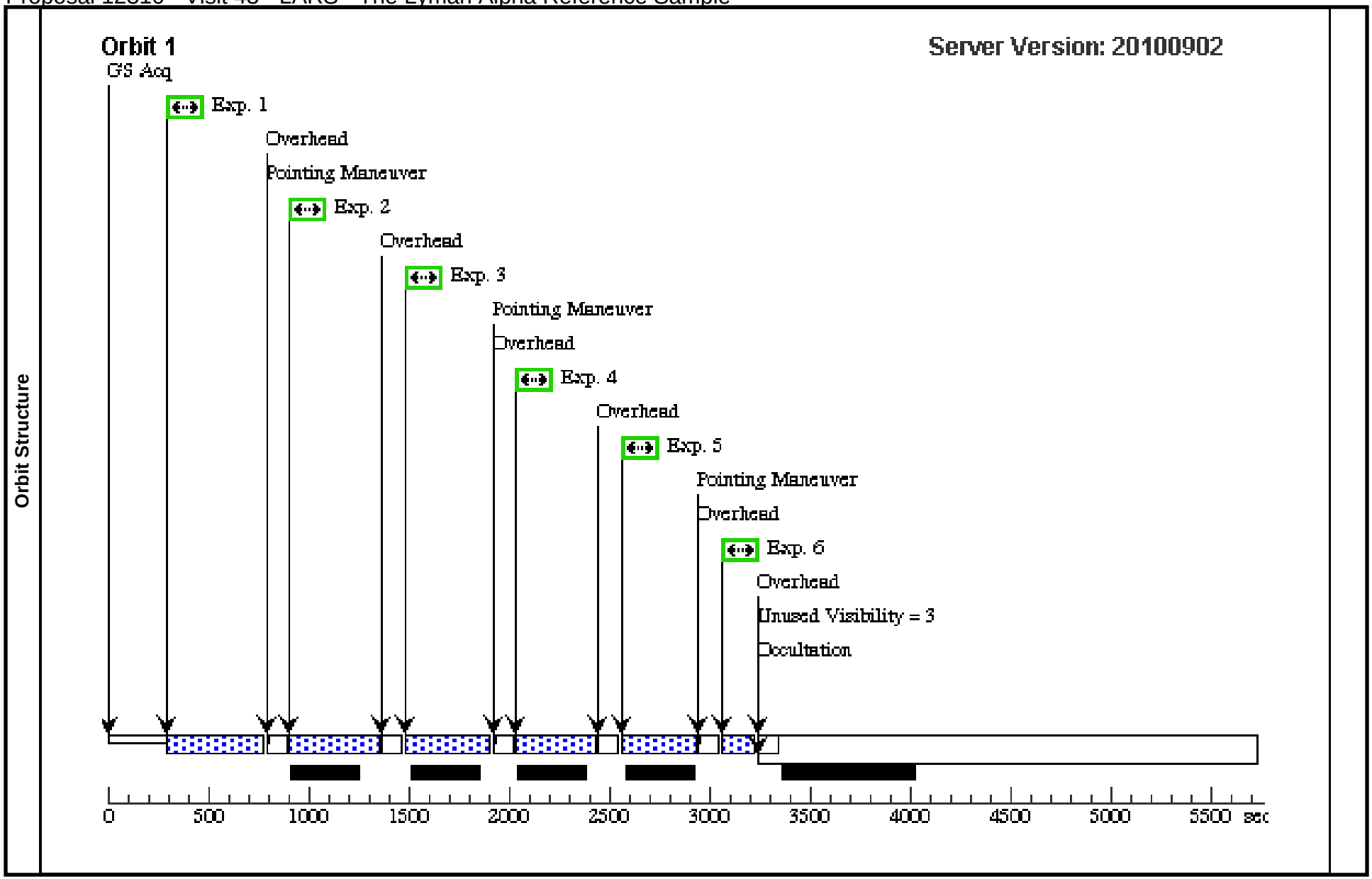
Comments: Target 13: WFC3only, SBC and ACS/WFC in separate visits (63 and 83) for schedulability

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	SDSS-J015028.39+130858.4	RA: 01 50 28.4000 (27.6183333d) Dec: +13 08 58.44 (13.14957d) Equinox: J2000		V=18.11+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(13) SDSS-J015028.39+130858.4	WFC3/UVIS, ACCUM, UVIS2	F390W				450 Secs	
								[==>]	***[1]***
2		(13) SDSS-J015028.39+130858.4	WFC3/UVIS, ACCUM, UVIS2	F390W		POS TARG 0.099,0.106		450 Secs	
								[==>]	***[1]***
3		(13) SDSS-J015028.39+130858.4	WFC3/UVIS, ACCUM, UVIS2	F475W		SAME POS AS 2		400 Secs	
								[==>]	***[1]***
4		(13) SDSS-J015028.39+130858.4	WFC3/UVIS, ACCUM, UVIS2	F475W		SAME POS AS 1		400 Secs	
								[==>]	***[1]***
5		(13) SDSS-J015028.39+130858.4	WFC3/UVIS, ACCUM, UVIS2	F850LP		SAME POS AS 1		355 Secs	
								[==>]	***[1]***
6		(13) SDSS-J015028.39+130858.4	WFC3/UVIS, ACCUM, UVIS2	F850LP		SAME POS AS 2		164 Secs	
								[==>]	***[1]***


Orbit Structure
Orbit 1
Server Version: 20100902
GS Acq
Exp. 1
Overhead
Pointing Maneuver
Exp. 2
Overhead
Exp. 3
Pointing Maneuver
Overhead
Exp. 4
Overhead
Exp. 5
Pointing Maneuver
Overhead
Exp. 6
Overhead
Unused Visibility = 3
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 12310, Visit 63, scheduling Fri Apr 22 01:04:38 GMT 2011

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/SBC

Special Requirements: (none)

Comments: Target 13: single SBC orbit (corresponding optical data in visit 43 and 83)

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC.
We want to start with SBC cool to lower the dark current.

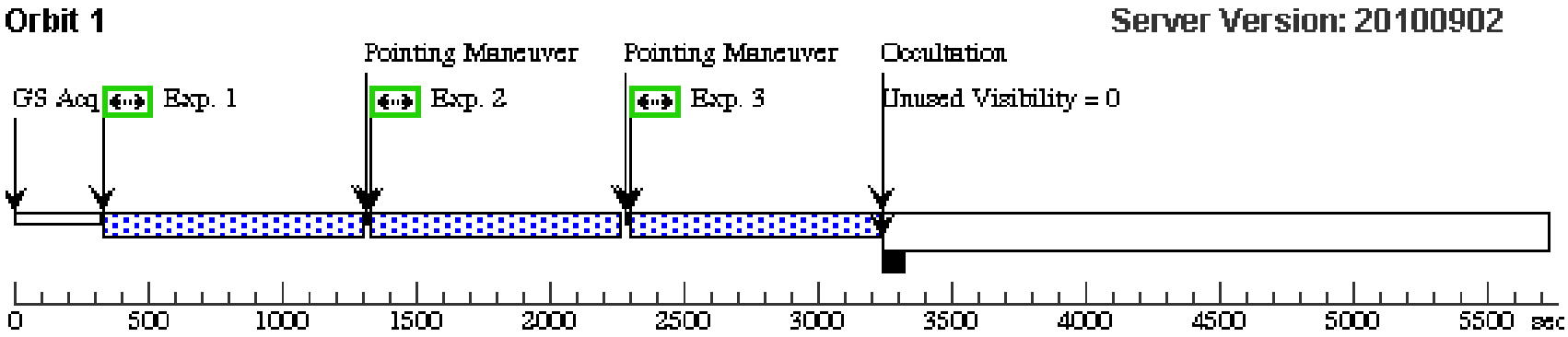
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	SDSS-J015028.39+130858.4	RA: 01 50 28.4000 (27.6183333d) Dec: +13 08 58.44 (13.14957d) Equinox: J2000		V=18.11+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(13) SDSS-J015028.39+130858.4	ACS/SBC, ACCUM, SBC-FIX	F140LP				903 Secs *[==>]*	 ***[1]***
2		(13) SDSS-J015028.39+130858.4	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.336,0.333		904 Secs *[==>]*	 ***[1]***
3		(13) SDSS-J015028.39+130858.4	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.672,0.666		904 Secs *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 12310, Visit 83, completed Fri Apr 22 01:04:38 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Comments: Target 13: ACS/WFC only, WFC3 and SBC in separate visits (43 and 63) for schedulability

Diagnostics

(Visit 83) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING

(Visit 83) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING

(Exposure 2 (Same Guide Stars in Visit 83)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

(Exposure 4 (Same Guide Stars in Visit 83)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

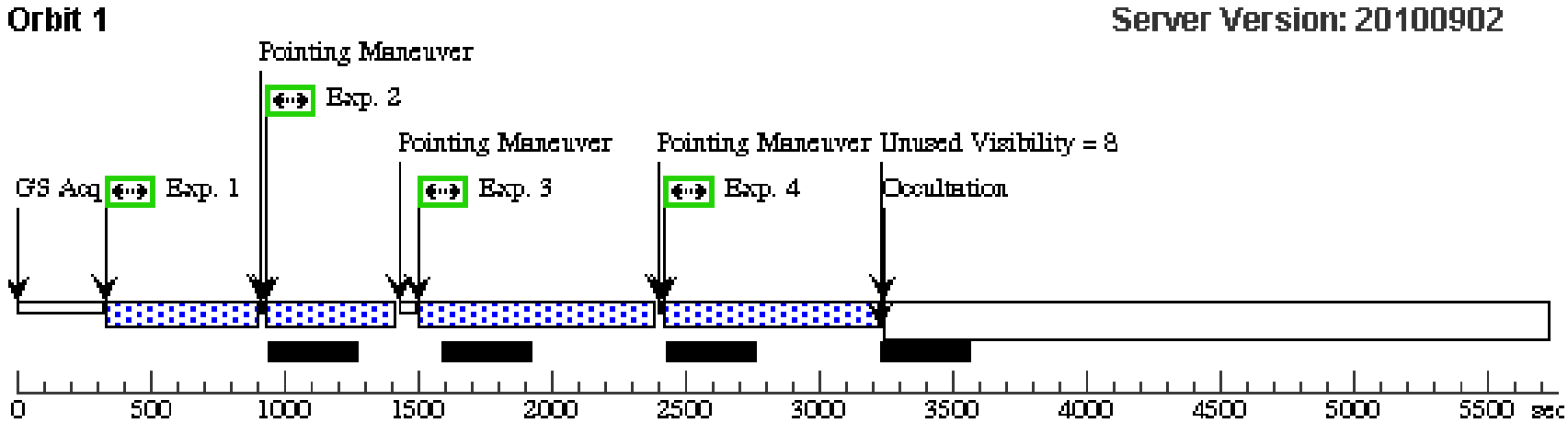
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	SDSS-J015028.39+130858.4	RA: 01 50 28.4000 (27.6183333d) Dec: +13 08 58.44 (13.14957d) Equinox: J2000		V=18.11+/-0.01	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(13) SDSS-J015028.39+130858.4	ACS/WFC, ACCUM, WFC2-ORAMP	FR782N 7527.8 A			Same Guide Stars in Visit 83	360 Secs *[==>]*	 ***[1]***
2		(13) SDSS-J015028.39+130858.4	ACS/WFC, ACCUM, WFC2-ORAMP	FR782N 7527.8 A		POS TARG 0.247,0.267	Same Guide Stars in Visit 83	360 Secs *[==>]*	 ***[1]***
3		(13) SDSS-J015028.39+130858.4	ACS/WFC, ACCUM, WFC1-IRAMP	FR551N 5575.6 A			Same Guide Stars in Visit 83	675 Secs *[==>]*	 ***[1]***
4		(13) SDSS-J015028.39+130858.4	ACS/WFC, ACCUM, WFC1-IRAMP	FR551N 5575.6 A		POS TARG 0.247,0.267	Same Guide Stars in Visit 83	675 Secs *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 12310, Visit 44, completed Fri Apr 22 01:04:38 GMT 2011

Diagnostic Status: Warning

Scientific Instruments: ACS/SBC, WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 90D TO 180 D; ORIENT 345D TO 355 D

Comments: Target 14: (WFC3-ACS/WFC-SBC)

To schedule makers: please try to unsure that the preceeding visit observed by HST did not use ACS/SBC.
We want to start with SBC cool to lower the dark current.

Diagnostics

(Exposure 8 (Visit 44)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

(Exposure 9 (Visit 44)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures.

Fixed Targets

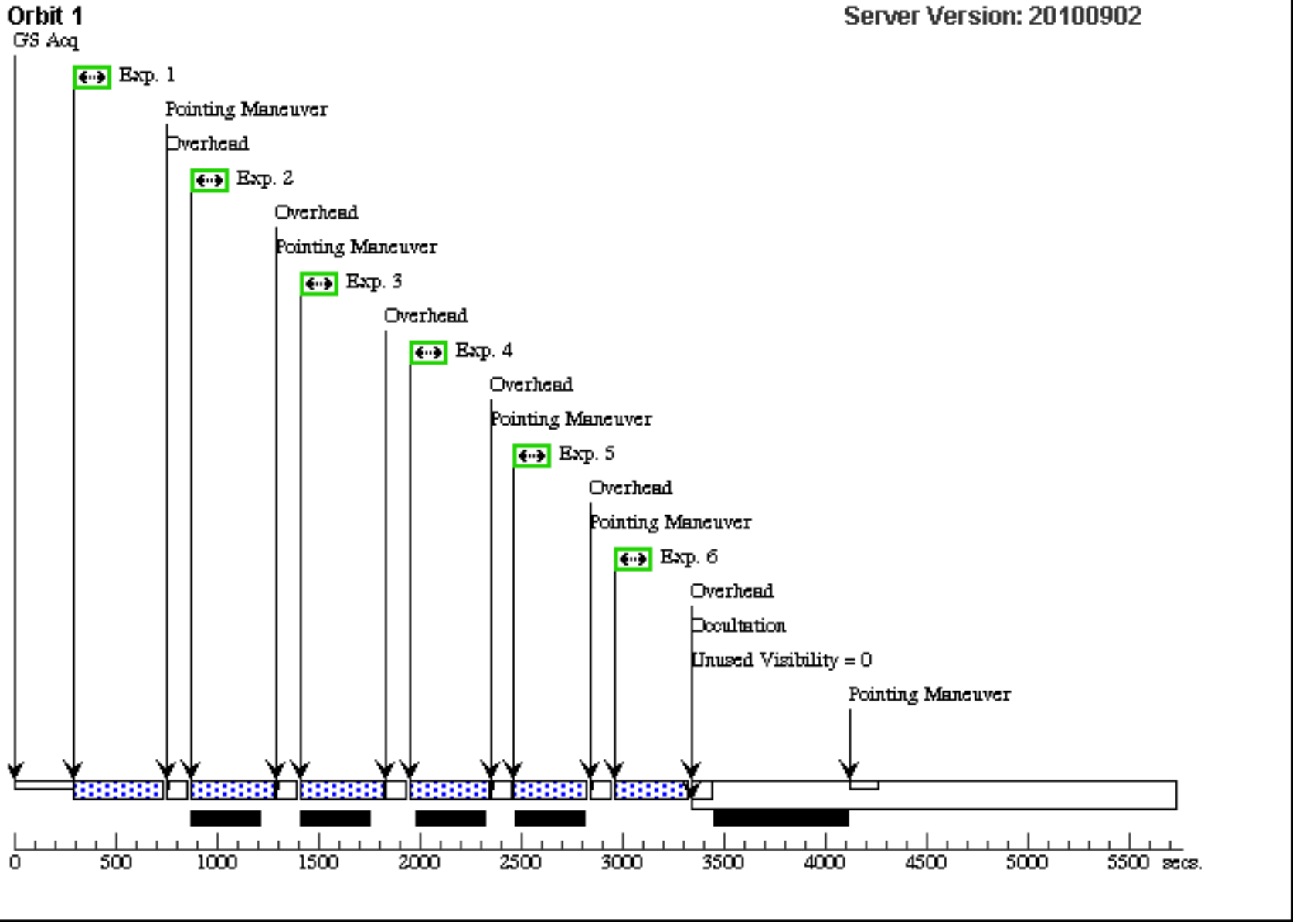
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	SDSS-J092600.41+442736.1	RA: 09 26 0.4040 (141.5016833d) Dec: +44 27 36.14 (44.46004d) Equinox: J2000		V=18.92+/-0.01	Reference Frame: ICRS

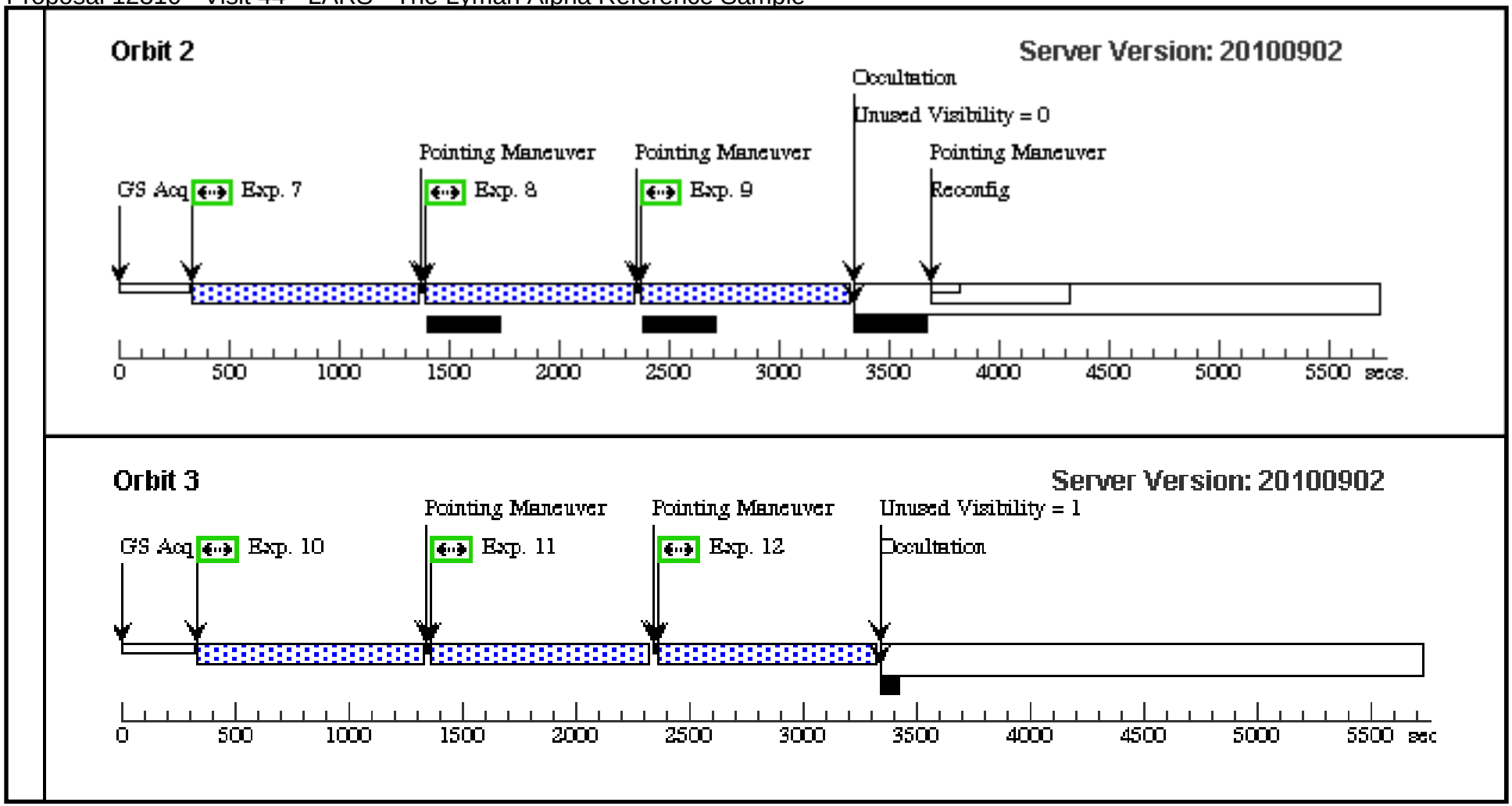
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(14) SDSS-J092600.41+442736.1	WFC3/UVIS, ACCUM, UVIS2	F390W				413 Secs	
								[==>]	***[1]***
2		(14) SDSS-J092600.41+442736.1	WFC3/UVIS, ACCUM, UVIS2	F390W		POS TARG 0.099,0.106		413 Secs	
								[==>]	***[1]***
3		(14) SDSS-J092600.41+442736.1	WFC3/UVIS, ACCUM, UVIS2	F390W		POS TARG 0.198,0.212		413 Secs	
								[==>]	***[1]***
4		(14) SDSS-J092600.41+442736.1	WFC3/UVIS, ACCUM, UVIS2	F475W		SAME POS AS 3		366 Secs	
								[==>]	***[1]***
5		(14) SDSS-J092600.41+442736.1	WFC3/UVIS, ACCUM, UVIS2	F475W		SAME POS AS 2		366 Secs	
								[==>]	***[1]***
6		(14) SDSS-J092600.41+442736.1	WFC3/UVIS, ACCUM, UVIS2	F475W		SAME POS AS 1		366 Secs	
								[==>]	***[1]***
7		(14) SDSS-J092600.41+442736.1	ACS/WFC, ACCUM, WFC1-IRAMP	FR551N 5740.8 A				824 Secs	
								[==>]	***[2]***
8		(14) SDSS-J092600.41+442736.1	ACS/WFC, ACCUM, WFC1-IRAMP	FR551N 5740.8 A		POS TARG 0.247,0.267		824 Secs	
								[==>]	***[2]***
9		(14) SDSS-J092600.41+442736.1	ACS/WFC, ACCUM, WFC1-IRAMP	FR551N 5740.8 A		POS TARG 0.494,0.534		824 Secs	
								[==>]	***[2]***
10		(14) SDSS-J092600.41+442736.1	ACS/SBC, ACCUM, SBC-FIX	F140LP				935 Secs	
								[==>]	***[3]***
11		(14) SDSS-J092600.41+442736.1	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG 0.336,0.333		935 Secs	
								[==>]	***[3]***
12		(14) SDSS-J092600.41+442736.1	ACS/SBC, ACCUM, SBC-FIX	F140LP		POS TARG -0.672,-0.666		935 Secs	
								[==>]	***[3]***

Orbit Structure




Orbit 2
Server Version: 20100902
Occultation
Unused Visibility = 0
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Acq
Exp. 7
Exp. 8
Exp. 9
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 3
Server Version: 20100902
Pointing Maneuver
Pointing Maneuver
Unused Visibility = 1
GS Acq
Exp. 10
Exp. 11
Exp. 12
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec