



13761 - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Cycle: 22, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) LY00	COS/FUV COS/NUV	1	11-Feb-2015 21:06:51.0	yes
02	(2) LY01	COS/FUV COS/NUV	1	11-Feb-2015 21:06:53.0	yes
03	(3) LY02	COS/FUV COS/NUV	1	11-Feb-2015 21:06:54.0	yes
04	(4) LY03	COS/FUV COS/NUV	1	11-Feb-2015 21:06:55.0	yes
05	(5) LY04	COS/FUV COS/NUV	1	11-Feb-2015 21:06:56.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
06	(6) LY05	COS/FUV COS/NUV	1	11-Feb-2015 21:06:57.0	yes
07	(7) LY06	COS/FUV COS/NUV	1	11-Feb-2015 21:06:58.0	yes
08	(8) LY07	COS/FUV COS/NUV	1	11-Feb-2015 21:06:58.0	yes
09	(9) LY08	COS/FUV COS/NUV	1	11-Feb-2015 21:06:59.0	yes
10	(10) LY09	COS/FUV COS/NUV	1	11-Feb-2015 21:07:00.0	yes
11	(11) LY10	COS/FUV COS/NUV	1	11-Feb-2015 21:07:01.0	yes
12	(12) LY11	COS/FUV COS/NUV	1	11-Feb-2015 21:07:02.0	yes
13	(13) LY12	COS/FUV COS/NUV	1	11-Feb-2015 21:07:03.0	yes
14	(14) LY13	COS/FUV COS/NUV	1	11-Feb-2015 21:07:04.0	yes
15	(15) LY14	COS/FUV COS/NUV	1	11-Feb-2015 21:07:05.0	yes
16	(16) LY15	COS/FUV COS/NUV	1	11-Feb-2015 21:07:06.0	yes
17	(17) LY16	COS/FUV COS/NUV	1	11-Feb-2015 21:07:06.0	yes
18	(18) LY17	COS/FUV COS/NUV	1	11-Feb-2015 21:07:07.0	yes
19	(19) LY18	COS/FUV COS/NUV	1	11-Feb-2015 21:07:08.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
20	(20) LY19	COS/FUV COS/NUV	1	11-Feb-2015 21:07:09.0	yes
21	(21) LY20	COS/FUV COS/NUV	1	11-Feb-2015 21:07:10.0	yes
22	(22) LY21	COS/FUV COS/NUV	1	11-Feb-2015 21:07:11.0	yes
23	(23) LY22	COS/FUV COS/NUV	1	11-Feb-2015 21:07:12.0	yes
24	(24) LY23	COS/FUV COS/NUV	1	11-Feb-2015 21:07:12.0	yes
25	(25) LY24	COS/FUV COS/NUV	1	11-Feb-2015 21:07:13.0	yes
26	(26) LY25	COS/FUV COS/NUV	1	11-Feb-2015 21:07:14.0	yes
27	(27) LY26	COS/FUV COS/NUV	1	11-Feb-2015 21:07:15.0	yes
28	(28) LY27	COS/FUV COS/NUV	1	11-Feb-2015 21:07:15.0	yes
29	(29) LY28	COS/FUV COS/NUV	1	11-Feb-2015 21:07:16.0	yes
30	(30) LY29	COS/FUV COS/NUV	1	11-Feb-2015 21:07:17.0	yes
31	(31) LY30	COS/FUV COS/NUV	1	11-Feb-2015 21:07:18.0	yes
32	(32) LY31	COS/FUV COS/NUV	1	11-Feb-2015 21:07:19.0	yes
33	(33) LY32	COS/FUV COS/NUV	1	11-Feb-2015 21:07:19.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
34	(34) LY33	COS/FUV COS/NUV	1	11-Feb-2015 21:07:20.0	yes
35	(35) LY34	COS/FUV COS/NUV	1	11-Feb-2015 21:07:21.0	yes
36	(36) LY35	COS/FUV COS/NUV	1	11-Feb-2015 21:07:22.0	yes
37	(37) LY36	COS/FUV COS/NUV	1	11-Feb-2015 21:07:22.0	yes
38	(38) LY37	COS/FUV COS/NUV	1	11-Feb-2015 21:07:23.0	yes
39	(39) LY38	COS/FUV COS/NUV	1	11-Feb-2015 21:07:24.0	yes
40	(40) LY39	COS/FUV COS/NUV	1	11-Feb-2015 21:07:25.0	yes
41	(41) LY40	COS/FUV COS/NUV	1	11-Feb-2015 21:07:26.0	yes
42	(42) LY41	COS/FUV COS/NUV	1	11-Feb-2015 21:07:26.0	yes
43	(43) LY42	COS/FUV COS/NUV	1	11-Feb-2015 21:07:27.0	yes
44	(44) LY43	COS/FUV COS/NUV	1	11-Feb-2015 21:07:28.0	yes
45	(45) LY44	COS/FUV COS/NUV	1	11-Feb-2015 21:07:29.0	yes
46	(46) LY45	COS/FUV COS/NUV	1	11-Feb-2015 21:07:29.0	yes
47	(47) LY46	COS/FUV COS/NUV	1	11-Feb-2015 21:07:30.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
48	(48) LY47	COS/FUV COS/NUV	1	11-Feb-2015 21:07:31.0	yes
49	(49) LY48	COS/FUV COS/NUV	1	11-Feb-2015 21:07:32.0	yes
50	(50) LY49	COS/FUV COS/NUV	1	11-Feb-2015 21:07:32.0	yes
51	(51) LY50	COS/FUV COS/NUV	1	11-Feb-2015 21:07:33.0	yes
52	(52) LY51	COS/FUV COS/NUV	1	11-Feb-2015 21:07:34.0	yes
53	(53) LY52	COS/FUV COS/NUV	1	11-Feb-2015 21:07:35.0	yes
54	(54) LY53	COS/FUV COS/NUV	1	11-Feb-2015 21:07:35.0	yes
55	(55) LY54	COS/FUV COS/NUV	1	11-Feb-2015 21:07:36.0	yes
56	(56) LY55	COS/FUV COS/NUV	1	11-Feb-2015 21:07:37.0	yes
57	(57) LY56	COS/FUV COS/NUV	1	11-Feb-2015 21:07:38.0	yes
58	(58) LY57	COS/FUV COS/NUV	1	11-Feb-2015 21:07:38.0	yes
59	(59) LY58	COS/FUV COS/NUV	1	11-Feb-2015 21:07:39.0	yes
60	(60) LY59	COS/FUV COS/NUV	1	11-Feb-2015 21:07:40.0	yes
61	(61) LY60	COS/FUV COS/NUV	1	11-Feb-2015 21:07:41.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
62	(62) LY61	COS/FUV COS/NUV	1	11-Feb-2015 21:07:42.0	yes
63	(63) LY62	COS/FUV COS/NUV	1	11-Feb-2015 21:07:42.0	yes
64	(64) LY63	COS/FUV COS/NUV	1	11-Feb-2015 21:07:43.0	yes
65	(65) LY64	COS/FUV COS/NUV	1	11-Feb-2015 21:07:44.0	yes
66	(66) LY65	COS/FUV COS/NUV	1	11-Feb-2015 21:07:44.0	yes
67	(67) LY66	COS/FUV COS/NUV	1	11-Feb-2015 21:07:45.0	yes
68	(68) LY67	COS/FUV COS/NUV	1	11-Feb-2015 21:07:46.0	yes
69	(69) LY68	COS/FUV COS/NUV	1	11-Feb-2015 21:07:47.0	yes
70	(70) LY69	COS/FUV COS/NUV	1	11-Feb-2015 21:07:47.0	yes
71	(71) LY70	COS/FUV COS/NUV	1	11-Feb-2015 21:07:48.0	yes
72	(72) LY71	COS/FUV COS/NUV	1	11-Feb-2015 21:07:49.0	yes
73	(73) LY72	COS/FUV COS/NUV	1	11-Feb-2015 21:07:50.0	yes
74	(74) LY73	COS/FUV COS/NUV	1	11-Feb-2015 21:07:51.0	yes
75	(75) LY74	COS/FUV COS/NUV	1	11-Feb-2015 21:07:51.0	yes

75 Total Orbits Used

ABSTRACT

The goal of this proposal is to provide the first statistically significant survey of star-forming galaxies with Lyman alpha emission at redshifts $0.02 < z < 0.24$. It will provide an overall assessment of the evolution in Lyman alpha luminosity at the lowest redshifts and allowed detailed studies of the physical processes that shape the Lyman alpha profile and govern escape in multi-phase, kinematic media. It will also provide a serendipitous search for star-forming galaxies with high LyC escape fractions that are analogous to those commonly invoked as being responsible for initiating and sustaining the epoch of reionization. The SNAP survey proposed here employing the G140L mode of COS offers a highly efficient means to examine the Lyman alpha emission properties of our candidate emitters and to inform our choice of objects that could warrant deeper integrations in future observations. These data have high UV legacy value and will be of broad interest to the star-forming galaxy community, so we have elected to waive the proprietary period.

OBSERVING DESCRIPTION

LyaSNAP_PhaseII_cy22 Observing description

Science Goals:

We know more about the properties of Lya emission from star-forming galaxies at intermediate and high redshifts than we do about those at low redshift. At much lower redshifts $z \sim 0.02$, where the associated look-back time is ~ 0.3 Gyrs, there are no commensurate spectroscopic surveys. A survey of the low redshift regime provides unique access to a pool of relatively bright, yet compact, Lya emitting candidates for detailed studies of the physical processes that shape the Lya profile and govern escape. With the advent of the merged GALEX and Sloan Digital Sky Survey databases, large numbers of suitable Lya candidate galaxies can easily be found.

We have used simple data mining techniques to identify a ready population of 75 star forming galaxies in the redshift range of $0.02 \leq z \leq 0.2$ that in a 600 second observation will yield a signal-to-noise per Angstrom > 5 in the 1300 Angstrom continuum, using the G140L mode of COS. They form the basis of an ideal SNAP survey of low redshift emitters that can be drawn on at random to efficiently build a statistically significant sample. With an anticipated SNAP completion fraction of $1/3$ we expect to end up with ~ 25 objects.

This sample will allow us to address compelling questions regarding the nature of the Ly α escape process in multi-phased interstellar environments. We will also search for potential low redshift analogs to the high redshift galaxies that are thought to be responsible for ushering in and sustaining the epoch of reionization.

Targets:

Our SNAP target list was assembled from the SDSS Query portal, CasJobs, wherein Structured Query Language (SQL) code was used to search the merged catalogue of sources common to the 6th GALEX and 7th SDSS data releases. The primary SQL selection criteria were for galaxies with $z > 0.02$, as determined from the SDSS spectroscopy, along with a constraint on the estimated flux at the redshifted Lyman edge to be in excess of $3e-15$ ergs cm $^{-2}$ s $^{-1}$ Ang $^{-1}$ as determined from a power law extrapolation of the GALEX FUV and NUV source fluxes. This constraint was imposed before accounting for extension of our objects relative to the size of the COS 2.5" entrance aperture.

To insure the safety of the COS detectors, we must determine whether the strength of a Ly α emission line will exceed the local countrate limit of 0.67 per pixel for the COS detector. Fortunately this is a simple estimate given that we know the GALEX FUV flux and SDSS Balmer line fluxes. Model spectral energy distributions were created using the power law extrapolation $f_{\lambda} = f_{1530}(\lambda/1530)^{\beta}$ where $\beta = \log(f_{1530}/f_{2267})/\log(1530/2267)$ and adding to, it at the appropriate redshift, a Ly α emission line $F_{\text{Ly}\alpha} = 33F_{\text{H}\beta}$, which is a conservatively high Case A recombination line ratio estimate. All our targets are extended with respect to the 2.5" diameter of the COS entrance aperture, so we attenuate the spectral estimates by the ratio of the solid angle of the COS 2.5" aperture to a conservative estimate of the object solid angle based on a quadrature subtraction of the object psf from the intrinsic GALEX pdf and assuming the deconvolved pdf was a gaussian sampled by the 2.5" COS aperture.

We have used these spectra, with units of ergs cm $^{-2}$ s $^{-1}$ Ang $^{-1}$ arcsec $^{-2}$ as inputs to the ETC, so as to estimate SN ratios for the target acquisition and spectroscopic observations for all 75 targets. The ETC IDs have been provided for all these observations. No local or global count rate violations were identified by the ETC using these spectra.

Our target coordinates were taken from the SLOAN database. The APT22 target confirmation tool was used verify that all the pointing are good to 0.4". Consequently, we have elected to follow a very simple observing sequence of a image acquisition using the NUV detector followed by two 300 second exposures in the G140L at fp-pos=3 and fp-pos=4. As time is critical for SNAP programs we have elected to use only two fp-pos positions.

Proposal 13761 (STScI Edit Number: 7, Created: Wednesday, February 11, 2015 9:07:54 PM EST) - Overview

Our targets have varying degrees of concentration but for the most part they will be extended, filling the 2.5" aperture, but exhibiting some structure. This, of course, will result in a broadening of the Ly α line over any and above any velocity structure in the source along with intrinsic I σ of the spectrograph. The NUV Acq/Images will be used to assess the degree of source structure broadening. As such we do not really require implementation of the second check box targeting maneuver, we only require knowledge of what is in the aperture as presented to the G140L. Elimination of the targeting maneuver from the standard NUV Acq/Image sequence would be acceptable in the interests of saving time.

Since knowledge is more important than a fine-tuned peak up, we have imposed a SN limit of only 10 (as opposed to the recommended 40) for the 9x9 pixel checkbox bright peak locator. This is an aspirational limit as there are a few cases where this criteria was not met. In these cases we have limited the NUV exposures to 100 seconds. The reduced SN for the check box location algorithm in these instances is acceptable. The elimination of the targeting shift step is desirable, if possible.

Most of the objects will use MirrorA for the NUV Acq/Image, but 8 will use MirrorB, as the GALEX-option-BOT claimed violations of the local NUV detector limit of 50 counts s⁻¹ pixel⁻¹. Use of MirrorB for these 8 (Visits 12, 20, 40, 41, 47, 50, 53, 54) all resulted in limiting the NUV exposures to 100 seconds. The BOT finds no stars for visits 5, 38, 45, 57, 61. These fields are not blank and have been observed by SDSS and GALEX.

Targets where the redshifted Ly α emission line was less than or equal to about 1280 Angstroms ($z=0.053$) are to be observed using mode CENWAVE=1105; those significantly above $z=0.053$ are to be observed with CENWAVE=1280. Some objects with lines close to 1280 may have a slight truncation in the fp-pos=3 position depending on the source velocity structure, but will be well away from the edge with the ~ 20 Angstrom shift provided by the fp-pos=4 position, where the cenwave close to 1260.

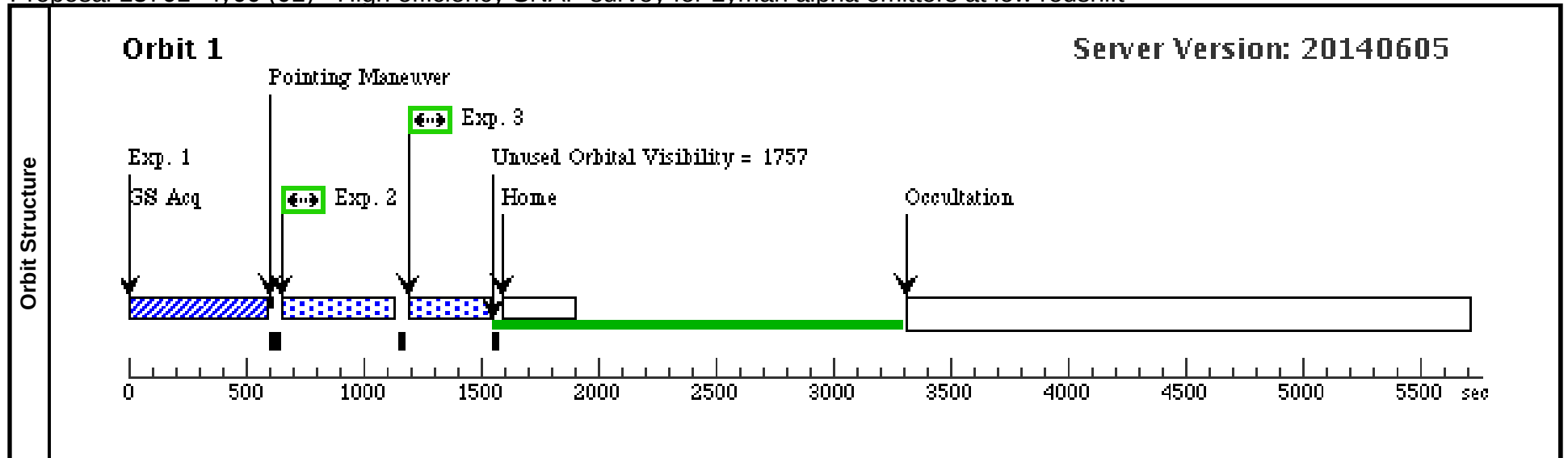
Combining the two step NUV Acq/Image process of around 500 to 600 seconds with the 600 seconds of spectroscopic observations and other sundry overheads yields a total on target time for each object of ~ 25 minutes. Feel free to add time to the spectroscopy to fill gaps in the scheduling as needed, but please do not subtract from the spectroscopy time. If you do require a few extra seconds to squeeze in an observation, then be our guest to eliminate the second targeting step for the NUV Acq/Image (if possible) or to reduce these exposure times slightly.

Thank you for your time in assessing the requirements for this program...

:SRM 24 July 2014

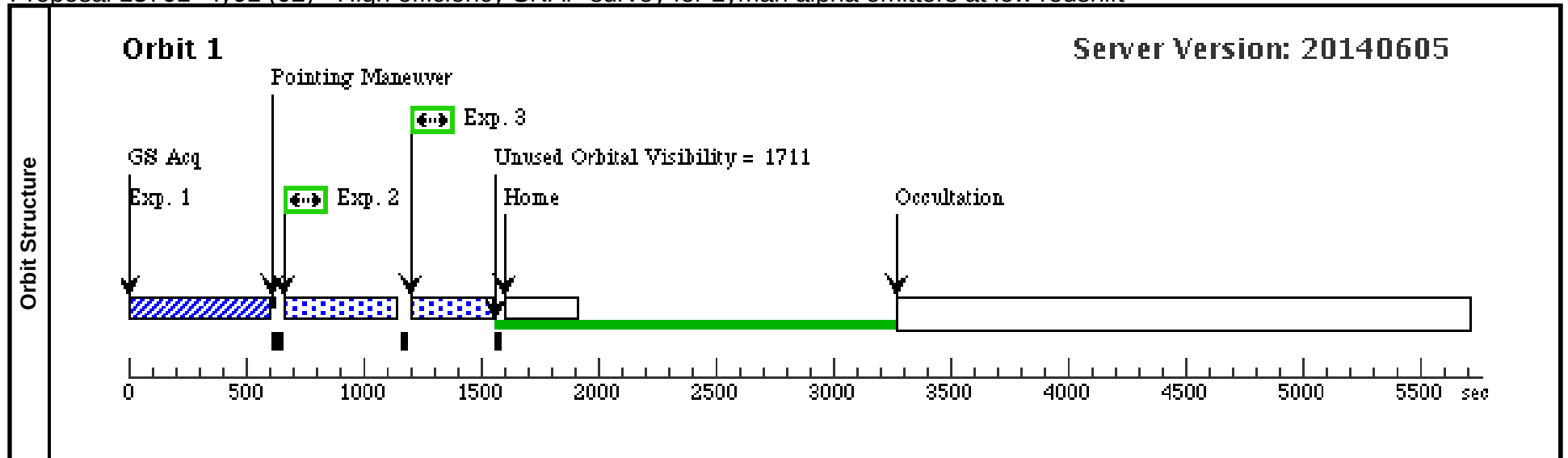
Proposal 13761 - ly00 (01) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly00 (01), completed										Thu Feb 12 02:07:54 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly00 (01)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly00 (01)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	LY00	RA: 07 43 50.6000 (115.9608333d) Dec: +43 52 2.07 (43.86724d) Equinox: J2000	Redshift: 0.0458	V=17.8 1.27E-15 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 206)	(1) LY00	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				96 Secs (96 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos=3 (COS.sp.625 209)	(1) LY00	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=56 00; FP-POS=3; EXTENDED=YES; SEGMENT=A; FLASH=YES			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										
3	fppos=4 (COS.sp.625 209)	(1) LY00	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=56 00; EXTENDED=YES; FP-POS=4; SEGMENT=A; FLASH=YES			300 Secs (300 Secs)			
								[==>]	[1]		



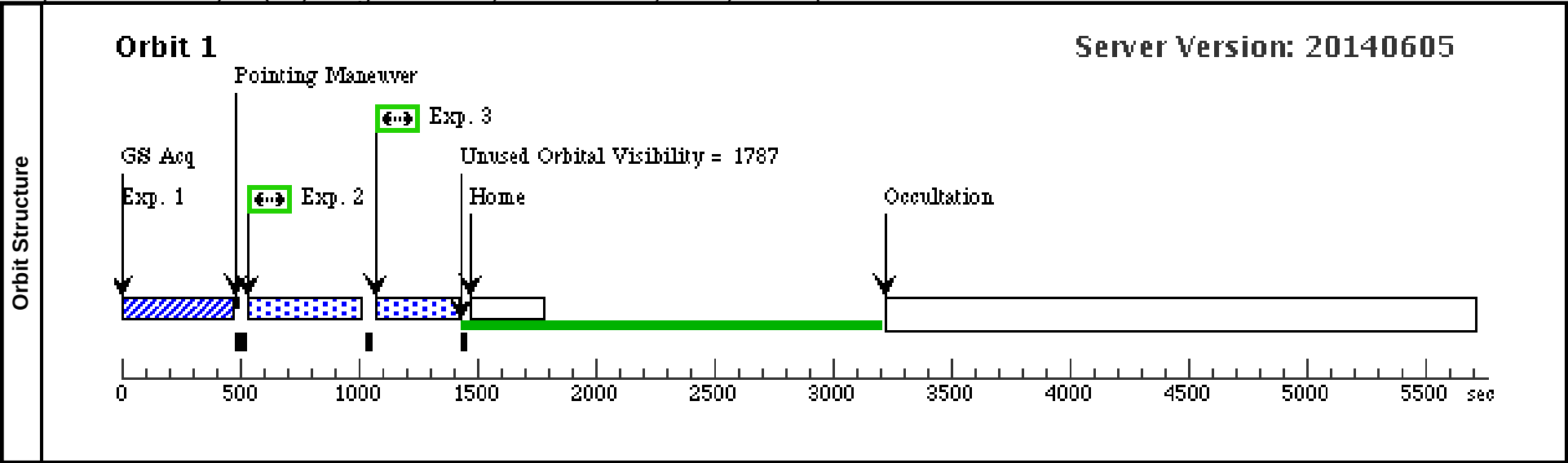
Proposal 13761 - ly01 (02) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly01 (02), completed										Thu Feb 12 02:07:54 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly01 (02)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly01 (02)) 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)	LY01		RA: 08 38 41.9800 (129.6749167d) Dec: +35 43 49.95 (35.73054d) Equinox: J2000		Redshift: 0.0416		V=16.8 8.81E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 216)	(2) LY01	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs) [==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	2	fppos=3 (COS.sp.625 219)	(2) LY01	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FP-POS=3; SEGMENT=A; FLASH=YES			300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
	3	fppos=4 (COS.sp.625 219)	(2) LY01	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FP-POS=4; SEGMENT=A; FLASH=YES			300 Secs (300 Secs) [==>]		[1]



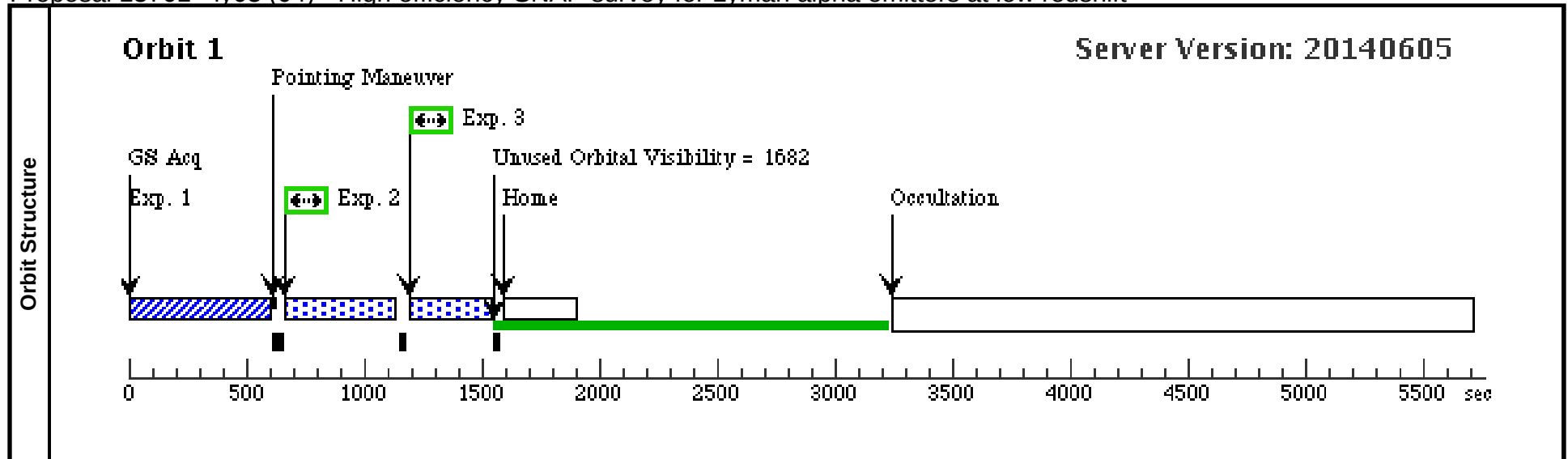
Proposal 13761 - ly02 (03) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly02 (03), completed										Thu Feb 12 02:07:54 GMT 2015		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/NUV, COS/FUV												
	Special Requirements: (none)												
Diagnostics	(ly02 (03)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
	(ly02 (03)) 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)	LY02	RA: 08 47 23.8200 (131.8492500d) Dec: +11 21 54.93 (11.36526d) Equinox: J2000		Redshift: 0.0299		V=16.7 2.99E-15 Galex1530		Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 227)	(3) LY02	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				36 Secs (36 Secs)			
										[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.												
	2	fppos=3 (COS.sp.625 238)	(3) LY02	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=37 00; EXTENDED=YES; FP-POS=3; SEGMENT=A; FLASH=YES				300 Secs (300 Secs)		
											[==>]		[1]
	Comments: two fp-pos are acceptable												
	3	fppos=4 (COS.sp.625 238)	(3) LY02	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=37 00; EXTENDED=YES; FP-POS=4; SEGMENT=A; FLASH=YES				300 Secs (300 Secs)		
											[==>]		[1]



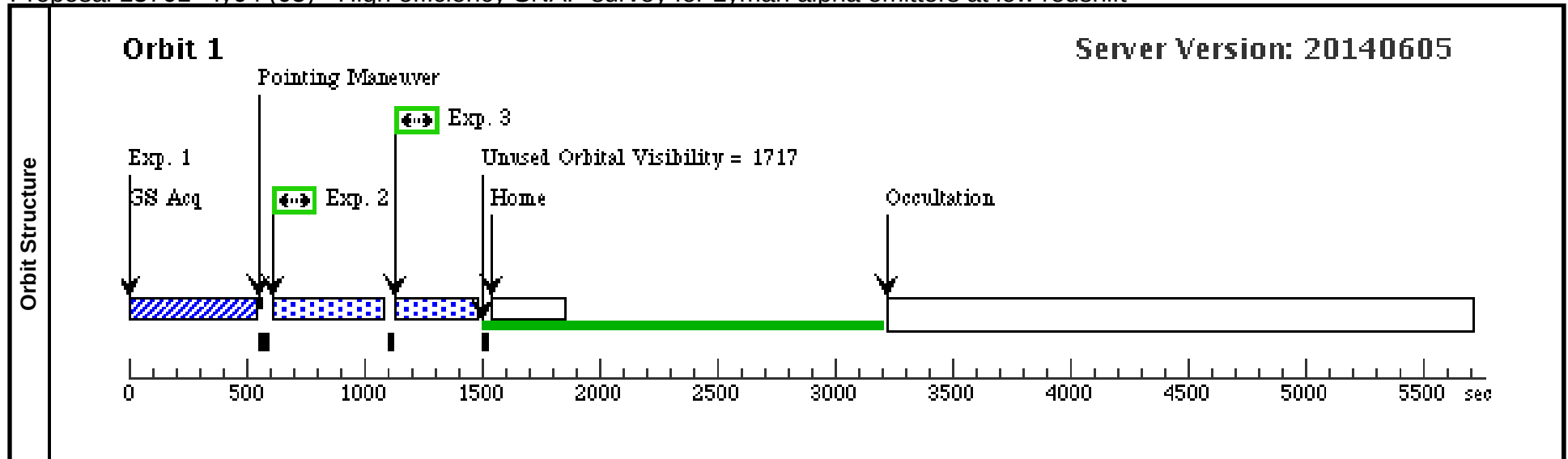
Proposal 13761 - ly03 (04) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly03 (04), completed Thu Feb 12 02:07:54 GMT 2015									
	Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: (none)									
Diagnostics	(ly03 (04)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (ly03 (04)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	LY03	RA: 09 04 18.1200 (136.0755000d) Dec: +26 01 6.38 (26.01844d) Equinox: J2000	Redshift: 0.0984	V=18.0 7.37E-16 Galex1530	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	acq/img (COS.ta.625 244)	(4) LY03	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)	
									[==>]	[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 7. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.									
	This object point like; 100s acceptable.									
	2	fp-pos=3 (COS.sp.625 247)	(4) LY03	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=59 00; EXTENDED=YES; FP-POS=3; SEGMENT=BOTH; FLASH=YES			300 Secs (300 Secs)	
									[==>]	[1]
	Comments: two fp-pos are acceptable									
	3	fp-pos=4 (COS.sp.625 247)	(4) LY03	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=59 00; EXTENDED=YES; FP-POS=4; SEGMENT=BOTH; FLASH=YES			300 Secs (300 Secs)	
									[==>]	[1]



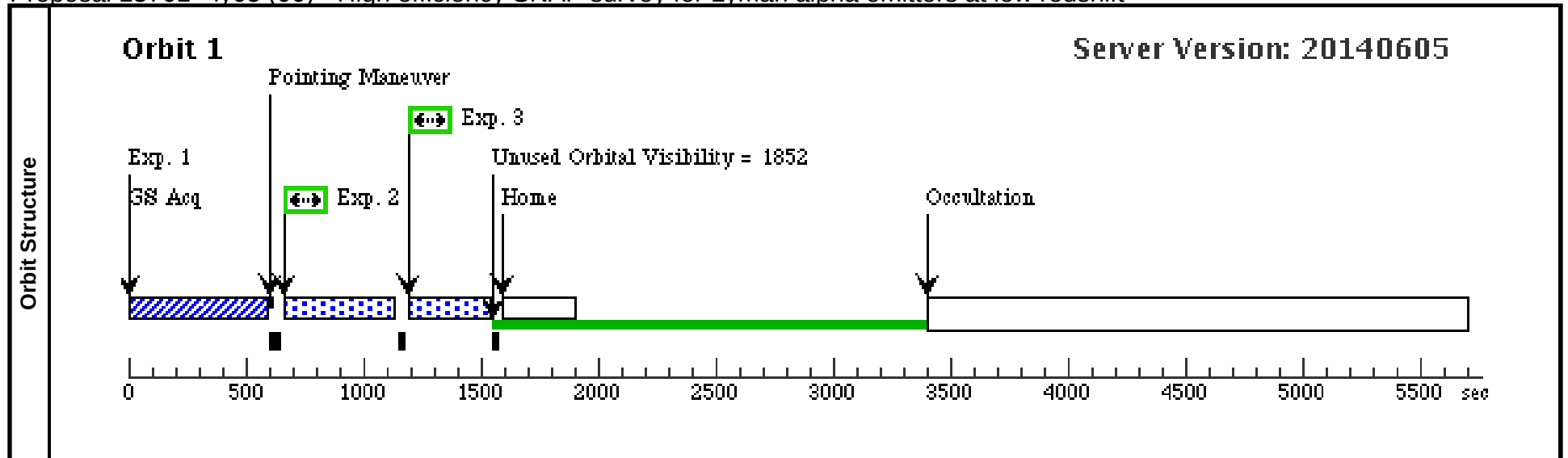
Proposal 13761 - ly04 (05) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly04 (05), scheduling										Thu Feb 12 02:07:55 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly04 (05)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly04 (05)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(5)	LY04	RA: 09 17 59.4500 (139.4977083d) Dec: +01 57 51.00 (1.96417d) Equinox: J2000	Redshift: 0.0935	V=17.5 1.24E-15 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 250)	(5) LY04	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				73 Secs (73 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos=3 (COS.sp.625 252)	(5) LY04	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=5500; EXTENDED=YES; FP-POS=3; SEGMENT=BOTH; FLASH=YES			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										
	3	fppos=4 (COS.sp.625 247)	(5) LY04	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=5900; EXTENDED=YES; FP-POS=4; SEGMENT=BOTH; FLASH=YES			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										



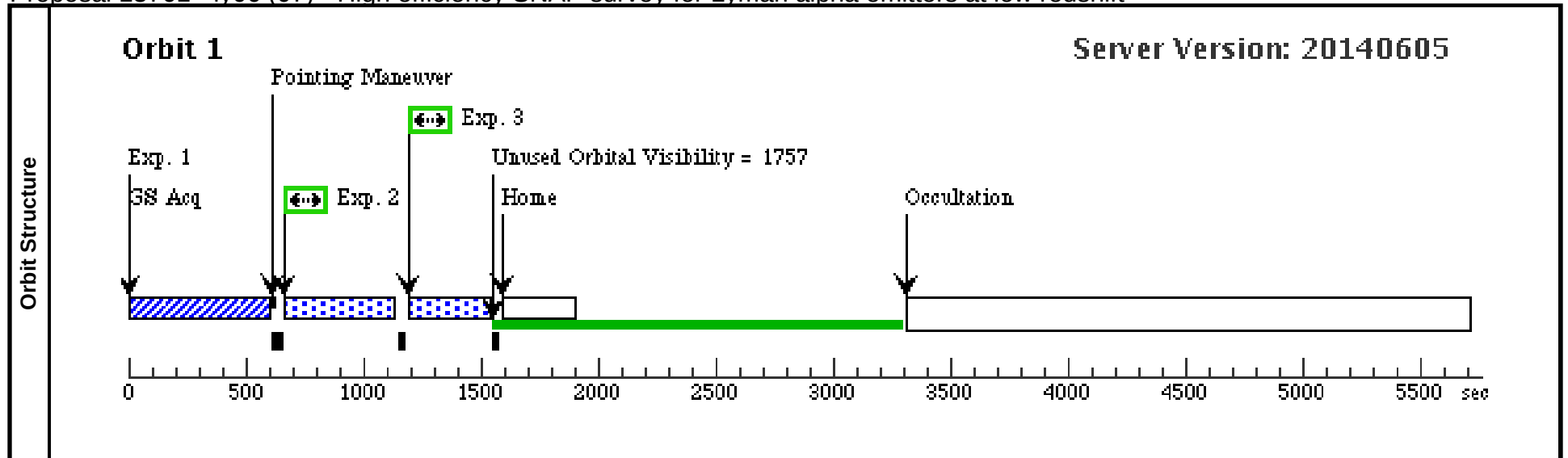
Proposal 13761 - ly05 (06) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly05 (06), completed										Thu Feb 12 02:07:55 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly05 (06)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(ly05 (06)) 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)	LY05	RA: 09 20 33.9800 (140.1415833d) Dec: +52 38 37.40 (52.64372d) Equinox: J2000	Redshift: 0.1319	V=17.2 9.21E-16 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 254)	(6) LY05	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				99 Secs (99 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos=3 (COS.sp.625 256)	(6) LY05	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=61 70; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										
	3	fppos=4 (COS.sp.625 256)	(6) LY05	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=61 70; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										



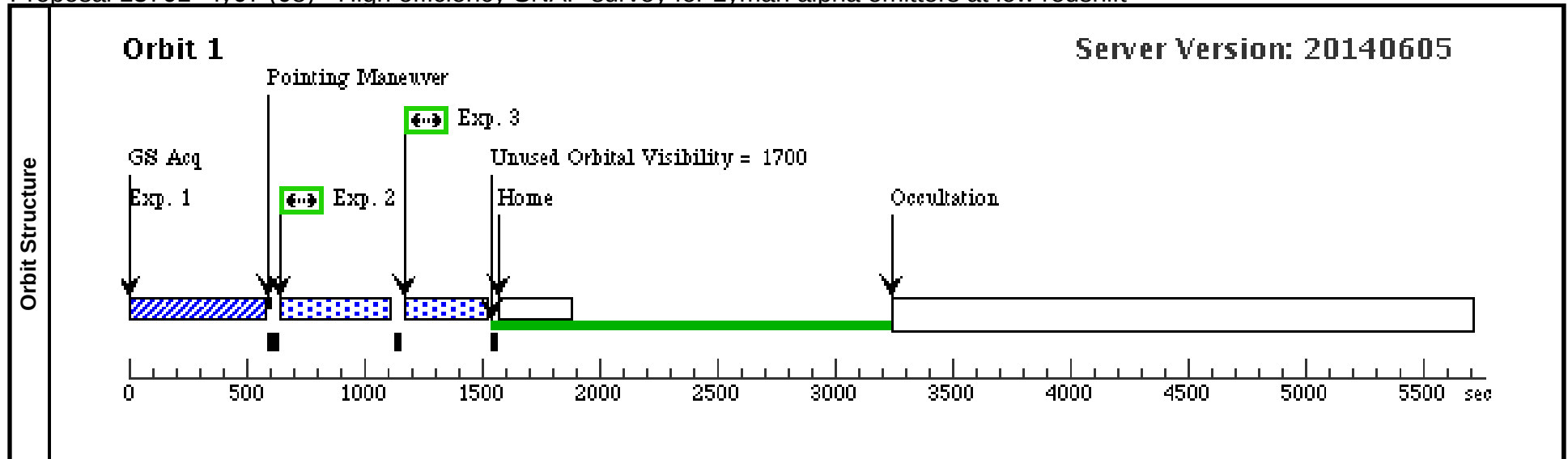
Proposal 13761 - ly06 (07) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly06 (07), completed					Thu Feb 12 02:07:55 GMT 2015				
	Diagnostic Status: Warning									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Diagnostics	(ly06 (07)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.									
	(ly06 (07)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	LY06	RA: 09 26 0.4100 (141.5017083d) Dec: +44 27 36.17 (44.46005d) Equinox: J2000	Redshift: 0.1807	V=18.7 5.35E-16 Galex1530	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	acq/img (COS.ta.625 266)	(7) LY06	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)	
									[==>]	[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 6. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.									
	This object pretty point like. ETC with point suggests ~3 sec to hit 10, so 100s will be good.									
	2	fp-pos=3 (COS.sp.625 274)	(7) LY06	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=89 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)	
									[==>]	[1]
	Comments: two fp-pos are acceptable									
	3	fp-pos=4 (COS.sp.625 274)	(7) LY06	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=89 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)	
									[==>]	[1]
Comments: two fp-pos are acceptable										



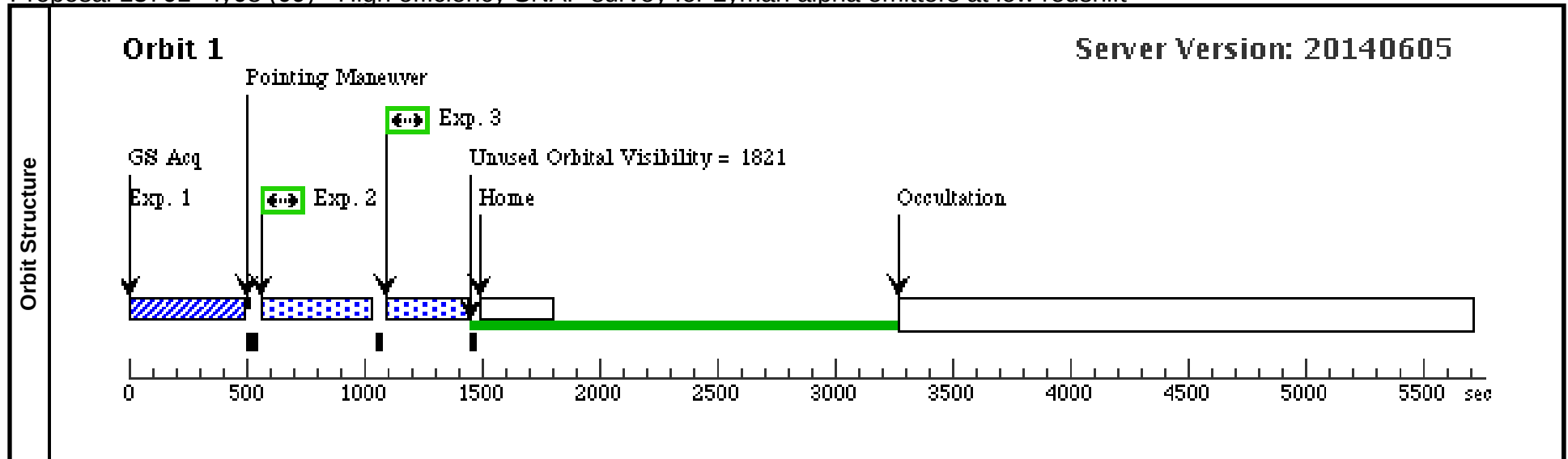
Proposal 13761 - ly07 (08) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly07 (08), scheduling										Thu Feb 12 02:07:55 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly07 (08)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly07 (08)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(8)	LY07	RA: 09 33 8.7300 (143.2863750d) Dec: +25 45 59.49 (25.76652d) Equinox: J2000	Redshift: 0.0637	V=18.4 1.16E-15 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 282)	(8) LY07	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				91 Secs (91 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos=3 (COS.sp.625 285)	(8) LY07	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=80 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										
3	fppos=4 (COS.sp.625 285)	(8) LY07	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=80 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)			
								[==>]	[1]		
Comments: two fp-pos are acceptable											



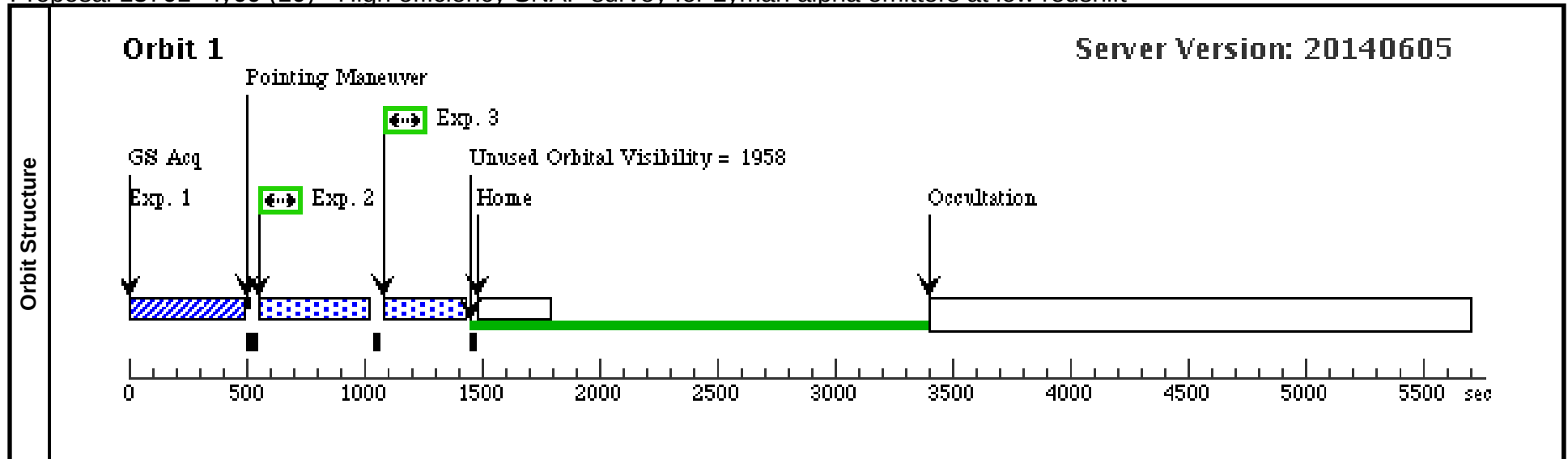
Proposal 13761 - ly08 (09) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly08 (09), completed										Thu Feb 12 02:07:55 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly08 (09)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(ly08 (09)) 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					
	(9)	LY08	RA: 09 39 22.9000 (144.8454167d) Dec: +37 09 43.99 (37.16222d) Equinox: J2000	Redshift: 0.1859	V=17.5 2.43E-15 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 287)	(9) LY08	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				49 Secs (49 Secs) [==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos=3 (COS.sp.625 290)	(9) LY08	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=62 50; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs) [==>]	[1]	
	Comments: two fp-pos are acceptable										
	3	fppos=4 (COS.sp.625 290)	(9) LY08	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=62 50; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs) [==>]	[1]	
	Comments: two fp-pos are acceptable										



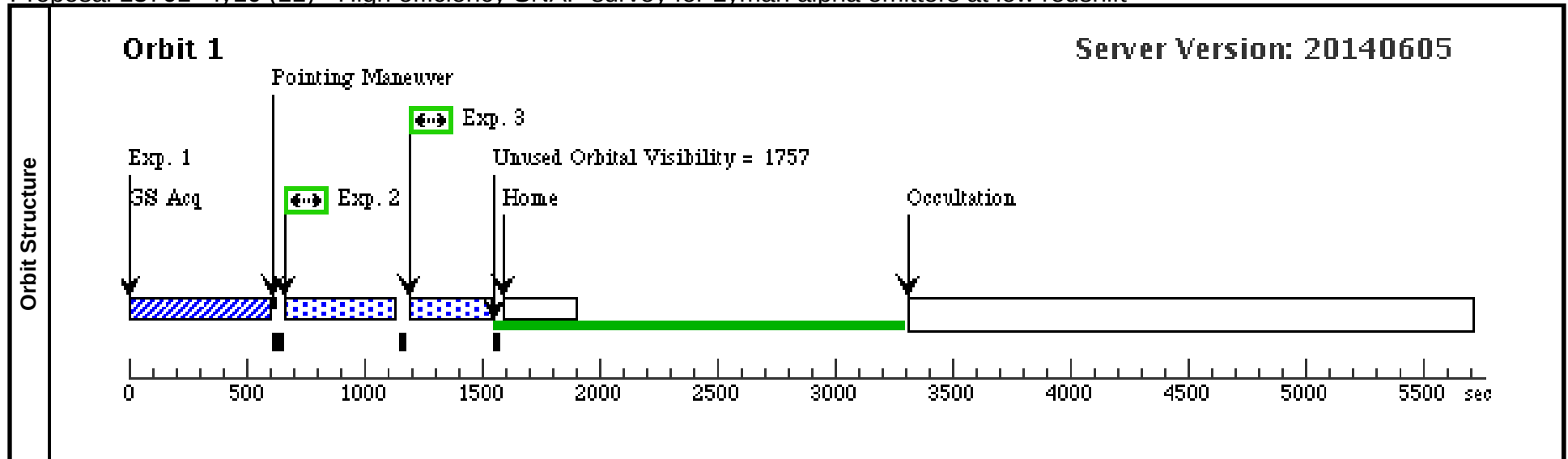
Proposal 13761 - ly09 (10) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly09 (10), completed										Thu Feb 12 02:07:55 GMT 2015		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/NUV, COS/FUV												
	Special Requirements: (none)												
Diagnostics	(ly09 (10)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.												
	(ly09 (10)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(10)	LY09	RA: 09 54 34.5800 (148.6440833d) Dec: +51 35 8.04 (51.58557d) Equinox: J2000		Redshift: 0.1294		V=17.5 2.79E-15 Galex1530		Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 291)	(10) LY09	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				46 Secs (46 Secs)			
										[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.												
	2	fppos=3 (COS.sp.625 301)	(10) LY09	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=B				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													
	3	fppos=4 (COS.sp.625 301)	(10) LY09	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=B				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													



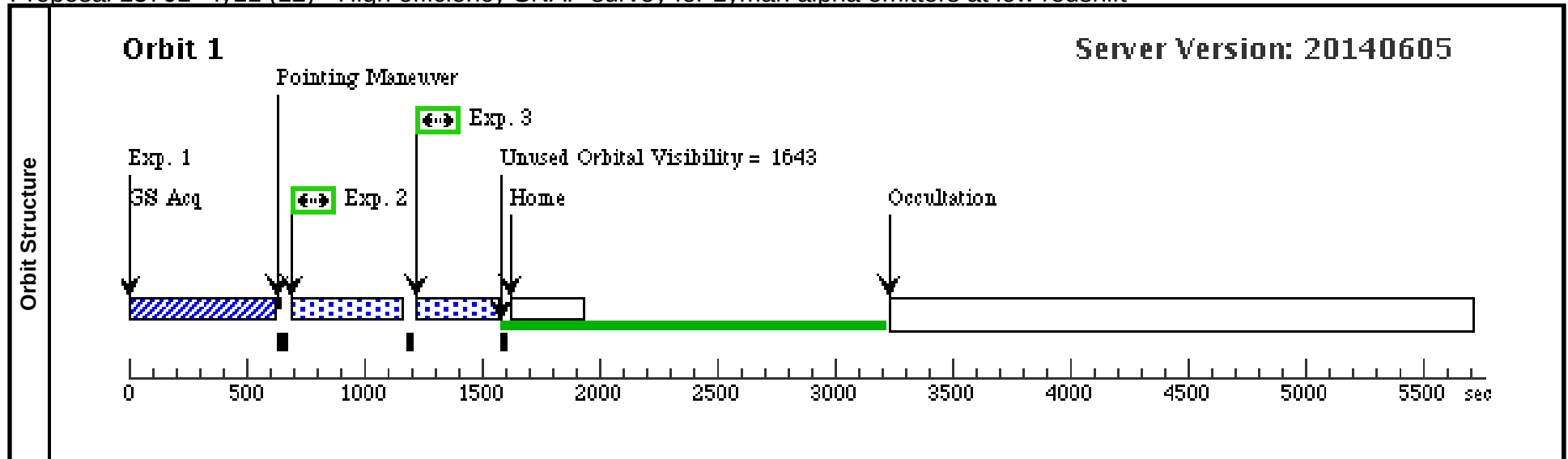
Proposal 13761 - ly10 (11) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly10 (11), scheduling										Thu Feb 12 02:07:55 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly10 (11)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly10 (11)) 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		
	(11)	LY10	RA: 09 57 35.8000 (149.3991667d) Dec: +43 13 27.65 (43.22435d) Equinox: J2000			Redshift: 0.0575		V=17.4 5.68E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 311)	(11) LY10	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs) [==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 7. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object pretty point like; 100s acceptable.											
	2	fppos=3 (COS.sp.625 312)	(11) LY10	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=90 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
	3	fppos=4 (COS.sp.625 312)	(11) LY10	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=90 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
Comments: two fp-pos are acceptable												



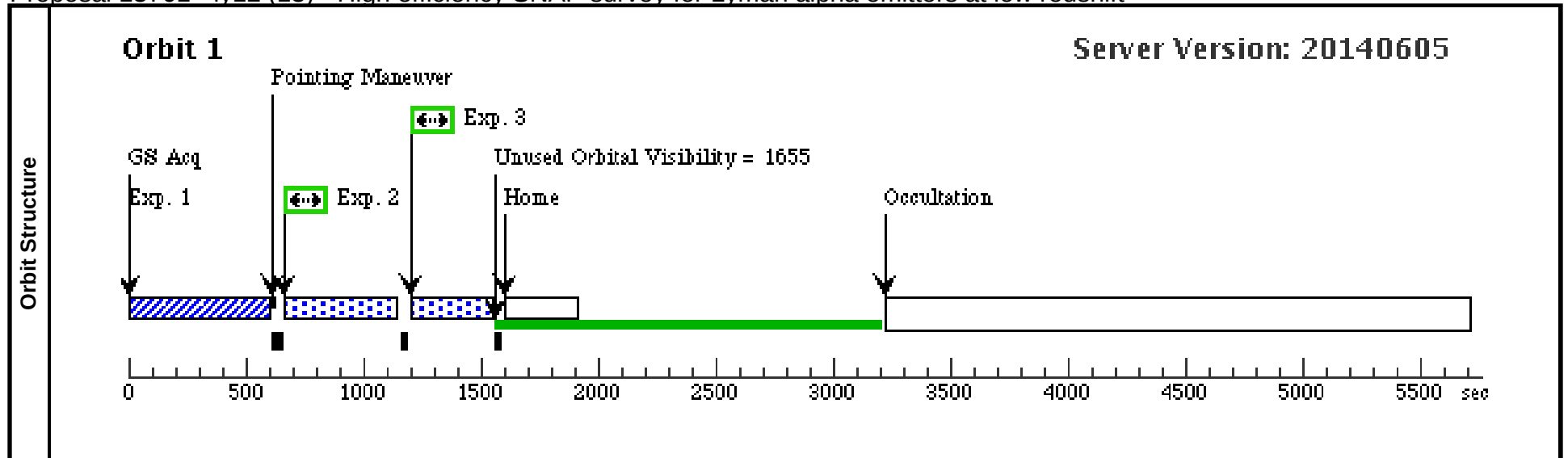
Proposal 13761 - ly11 (12) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly11 (12), scheduling										Thu Feb 12 02:07:55 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly11 (12)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly11 (12)) 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)	LY11	RA: 09 58 17.5500 (149.5731250d) Dec: +18 38 58.11 (18.64948d) Equinox: J2000		Redshift: 0.062		V=17.0 1.87E-15 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.626 164)	(12) LY11	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100 Secs (100 Secs) [==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 3. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighted image of second exposure will be used to assess spatial distribution of flux in aperture and its influnce on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution a nd velocity distribution and the intrinsic spectrograph line spread function.											
	Too bright for mirrora so using mirrorb. Exposure set to 100 sec. Reduced SN in check box ok.											
	2	fp3pos3 (COS.sp.625 337)	(12) LY11	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=70 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH				300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
	3	fp3pos4 (COS.sp.625 337)	(12) LY11	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=70 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]	
Comments: two fp-pos are acceptable												



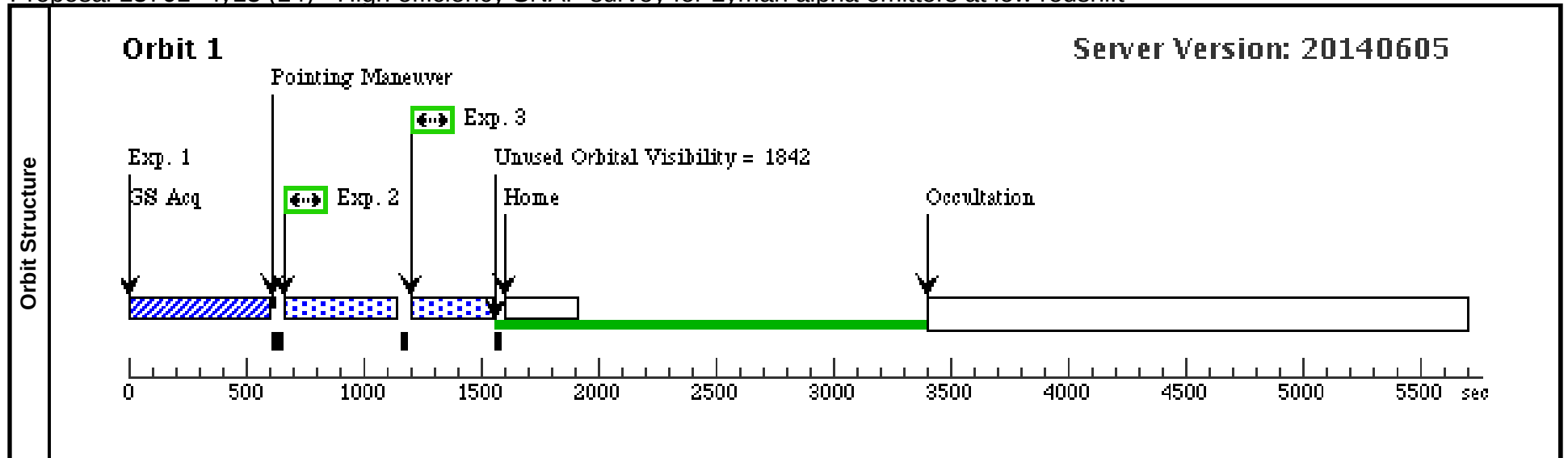
Proposal 13761 - ly12 (13) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly12 (13), scheduled										Thu Feb 12 02:07:55 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly12 (13)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly12 (13)) 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)	LY12	RA: 10 02 33.5400 (150.6397500d) Dec: -00 54 33.47 (-.90930d) Equinox: J2000		Redshift: 0.0473		V=17.3 7.93E-16 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 380)	(13) LY12	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)			
									[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object point like; 100s acceptable.											
	2	fppos3 (COS.sp.625 385)	(13) LY12	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=62 50; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
										[==>]		[1]
Comments: two fp-pos are acceptable												
	3	fppos4 (COS.sp.625 385)	(13) LY12	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=62 50; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
									[==>]		[1]	
Comments: two fp-pos are acceptable												



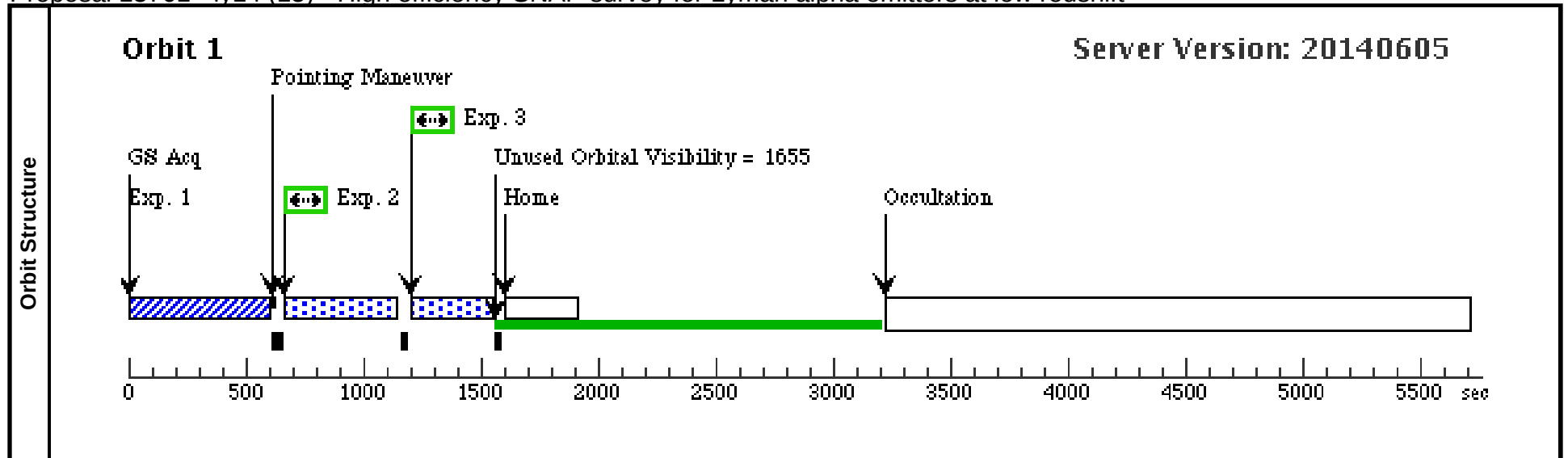
Proposal 13761 - ly13 (14) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly13 (14), completed										Thu Feb 12 02:07:55 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly13 (14)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly13 (14)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(14)	LY13	RA: 10 07 21.6600 (151.8402500d) Dec: +52 12 50.67 (52.21408d) Equinox: J2000		Redshift: 0.0421		V=18.1 4.22E-16 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 390)	(14) LY13	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs) [>=>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 5. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object pretty point like; 100s acceptable.											
	2	fppos3 (COS.sp.625 391)	(14) LY13	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=66 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs) [>=>]		[1]
	Comments: two fp-pos are acceptable											
	3	fppos4 (COS.sp.625 391)	(14) LY13	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=66 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [>=>]		[1]	
Comments: two fp-pos are acceptable												



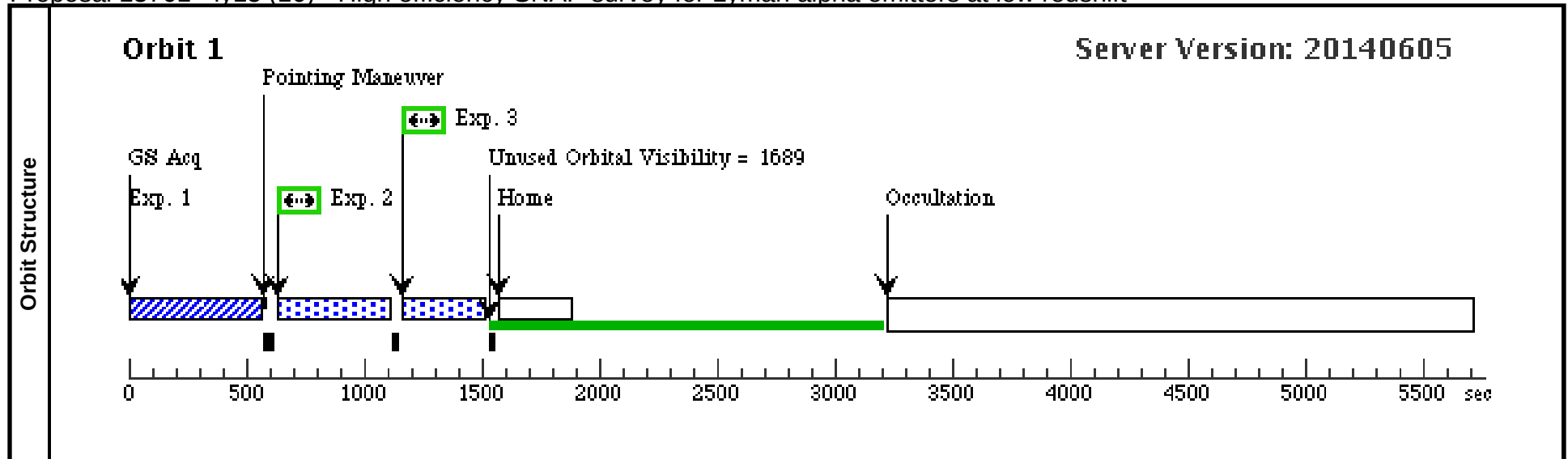
Proposal 13761 - ly14 (15) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly14 (15), scheduling										Thu Feb 12 02:07:55 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly14 (15)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly14 (15)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(15)	LY14	RA: 10 08 31.2400 (152.1301667d) Dec: +09 14 22.67 (9.23963d) Equinox: J2000	Redshift: 0.0348	V=16.6 8.71E-16 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 720)	(15) LY14	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 9. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fp3pos (COS.sp.625 393)	(15) LY14	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										
	3	fp3pos4 (COS.sp.625 393)	(15) LY14	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										



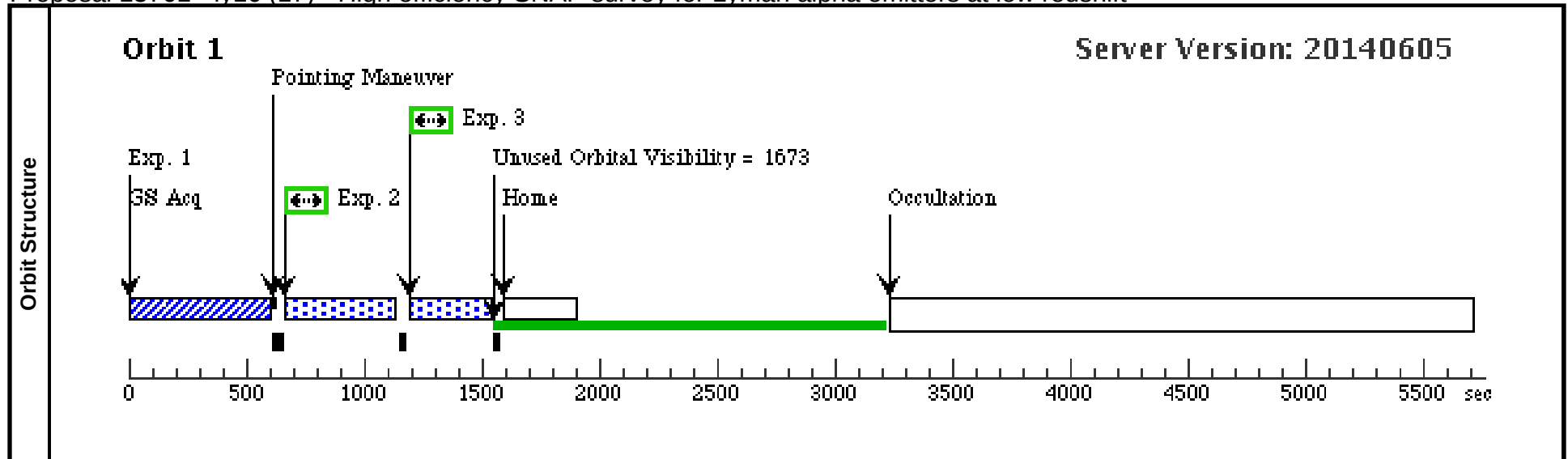
Proposal 13761 - ly15 (16) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly15 (16), scheduling										Thu Feb 12 02:07:55 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly15 (16)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly15 (16)) 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						
	(16)	LY15	RA: 10 18 28.3900 (154.6182917d) Dec: +09 54 12.07 (9.90335d) Equinox: J2000	Redshift: 0.0507	V=17.0 1.17E-15 Galex1530	Reference Frame: ICRS						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 394)	(16) LY15	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				83 Secs (83 Secs)			
									[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	2	fppos3 (COS.sp.625 395)	(16) LY15	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=54 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
										[==>]		[1]
	Comments: two fp-pos are acceptable											
3	fppos4 (COS.sp.625 395)	(16) LY15	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=54 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A				300 Secs (300 Secs)			
									[==>]		[1]	
Comments: two fp-pos are acceptable												



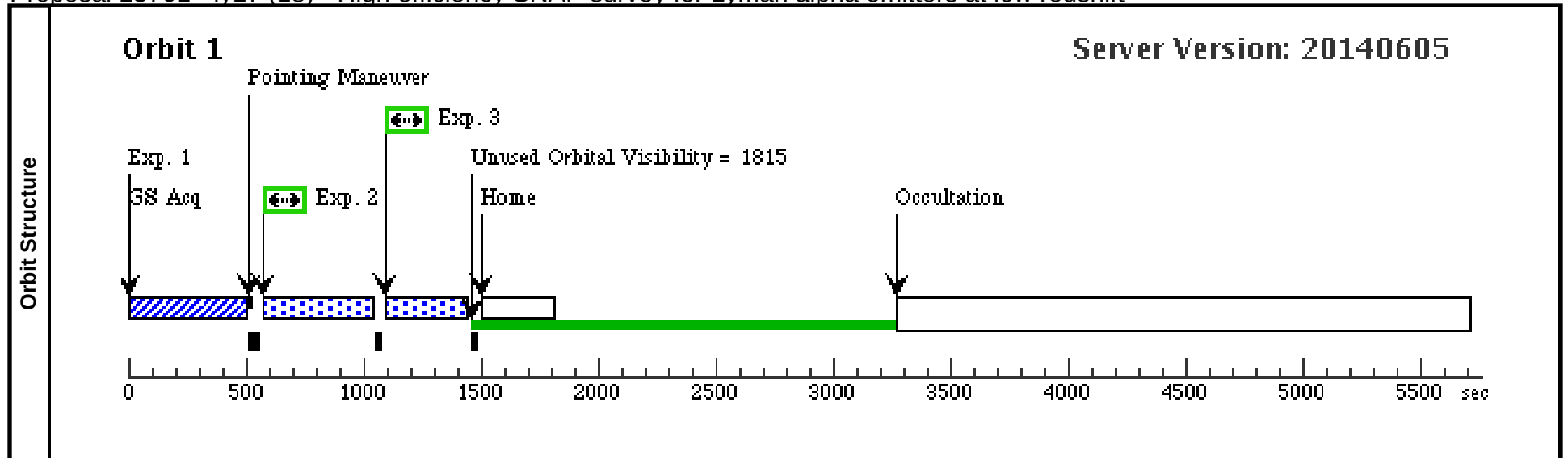
Proposal 13761 - ly16 (17) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly16 (17), scheduling										Thu Feb 12 02:07:56 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly16 (17)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly16 (17)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(17)	LY16	RA: 10 22 55.1700 (155.7298750d) Dec: +23 15 37.18 (23.26033d) Equinox: J2000		Redshift: 0.1109		V=17.0 8.54E-16 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 397)	(17) LY16	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs) [==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 9. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object pretty point like; 100s acceptable.											
	2	fppos3 (COS.sp.625 399)	(17) LY16	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=84 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH				300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
	3	fppos4 (COS.sp.625 399)	(17) LY16	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=84 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]	
Comments: two fp-pos are acceptable												



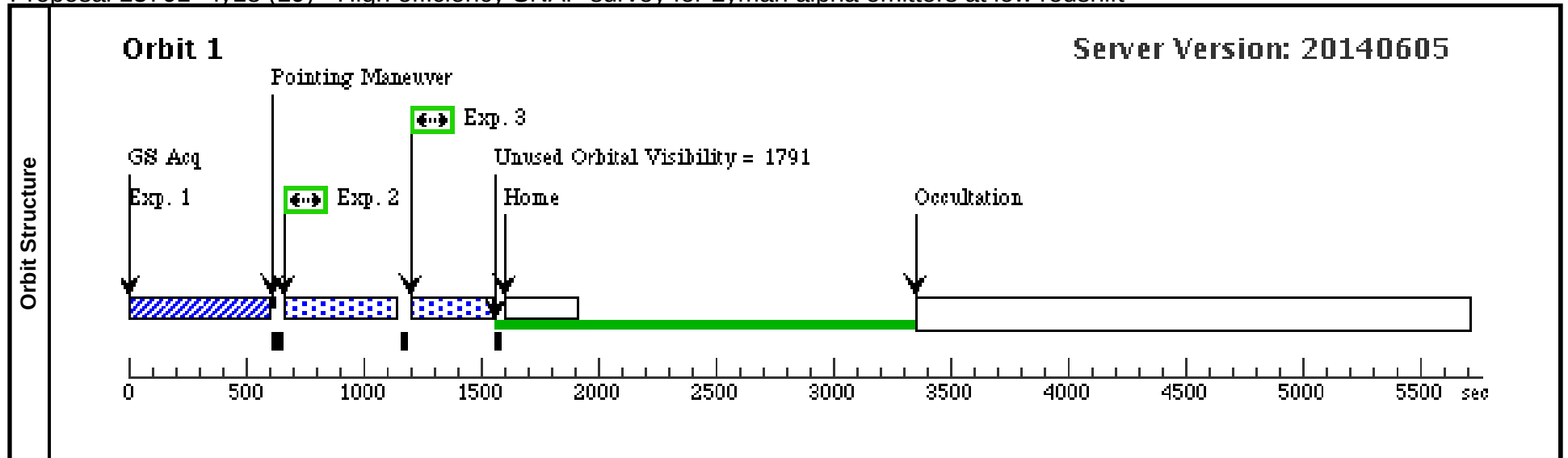
Proposal 13761 - ly17 (18) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly17 (18), scheduling										Thu Feb 12 02:07:56 GMT 2015		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/NUV, COS/FUV												
	Special Requirements: (none)												
Diagnostics	(ly17 (18)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.												
	(ly17 (18)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(18)	LY17	RA: 10 29 9.3100 (157.2887917d) Dec: +39 44 26.03 (39.74056d) Equinox: J2000		Redshift: 0.1074		V=17.6 2.33E-15 Galex1530		Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 402)	(18) LY17	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				52 Secs (52 Secs)			
										[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.												
	2	fp3pos (COS.sp.625 400)	(18) LY17	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=61 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													
	3	fp3pos4 (COS.sp.625 400)	(18) LY17	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=61 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													



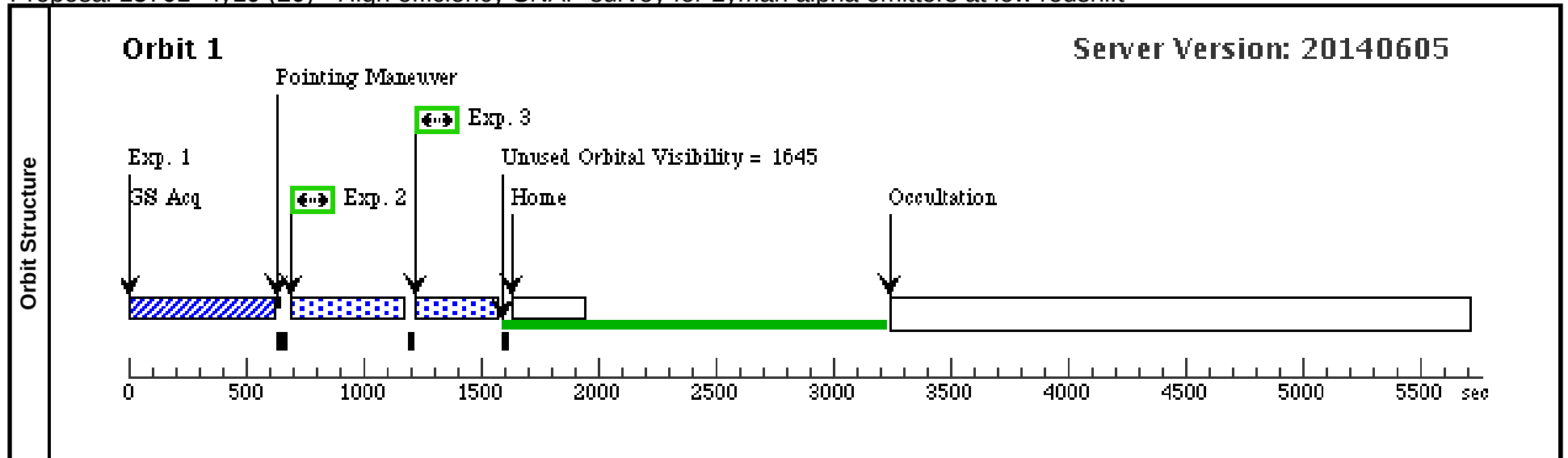
Proposal 13761 - ly18 (19) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly18 (19), scheduling										Thu Feb 12 02:07:56 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly18 (19)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly18 (19)) 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		
	(19)	LY18	RA: 10 35 8.8800 (158.7870000d) Dec: +49 21 42.47 (49.36180d) Equinox: J2000			Redshift: 0.0285		V=16.9 1.07E-15 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 405)	(19) LY18	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs) [==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 9. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object pretty point like; 100s acceptable.											
	2	fp3pos (COS.sp.625 406)	(19) LY18	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=53 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
3	fp3pos4 (COS.sp.625 406)	(19) LY18	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=53 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [==>]		[1]	
Comments: two fp-pos are acceptable												



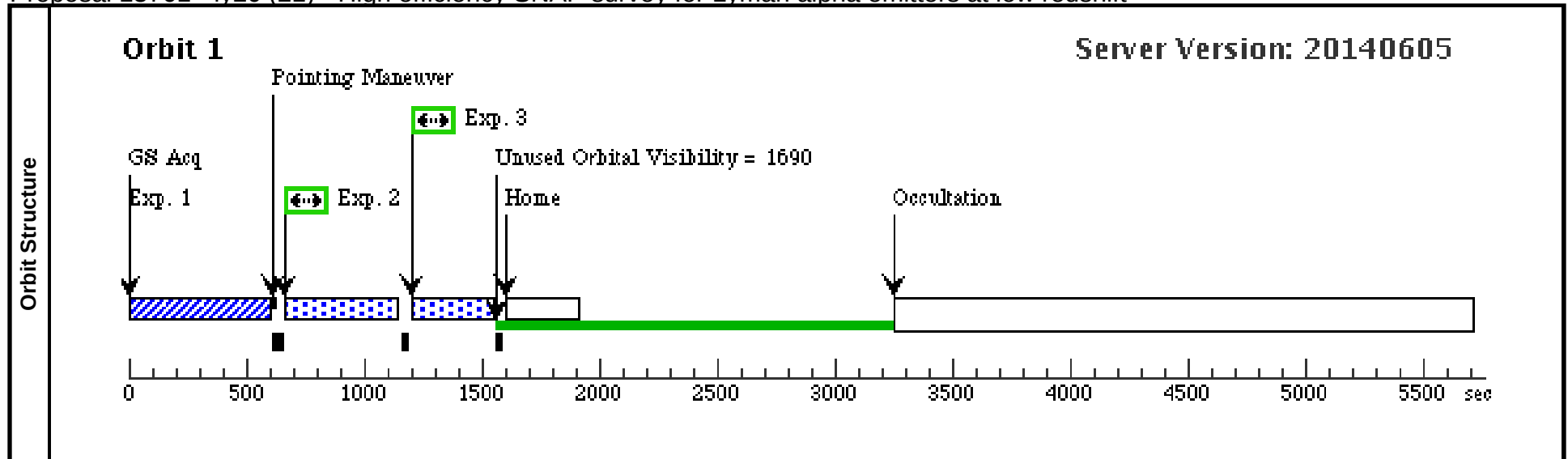
Proposal 13761 - ly19 (20) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly19 (20), scheduling										Thu Feb 12 02:07:56 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly19 (20)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(ly19 (20)) 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		
	(20)	LY19	RA: 10 36 51.0400 (159.2126667d) Dec: +27 15 0.92 (27.25026d) Equinox: J2000		Redshift: 0.0344		V=16.7 2.79E-15 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.626 159)	(20) LY19	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100 Secs (100 Secs)		
									[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 4. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighted image of second exposure will be used to assess spatial distribution of flux in aperture and its influnce on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution a nd velocity distribution and the intrinsic spectrograph line spread function.										
	Too bright for mirrora so using mirrorb. Exposure set to 100 sec. Reduced SN in check box ok.										
	2	fp3pos3 (COS.sp.625 417)	(20) LY19	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=42 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
								[==>]		[1]	
Comments: two fp-pos are acceptable											
	3	fp3pos4 (COS.sp.625 417)	(20) LY19	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=42 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)		
								[==>]		[1]	
Comments: two fp-pos are acceptable											



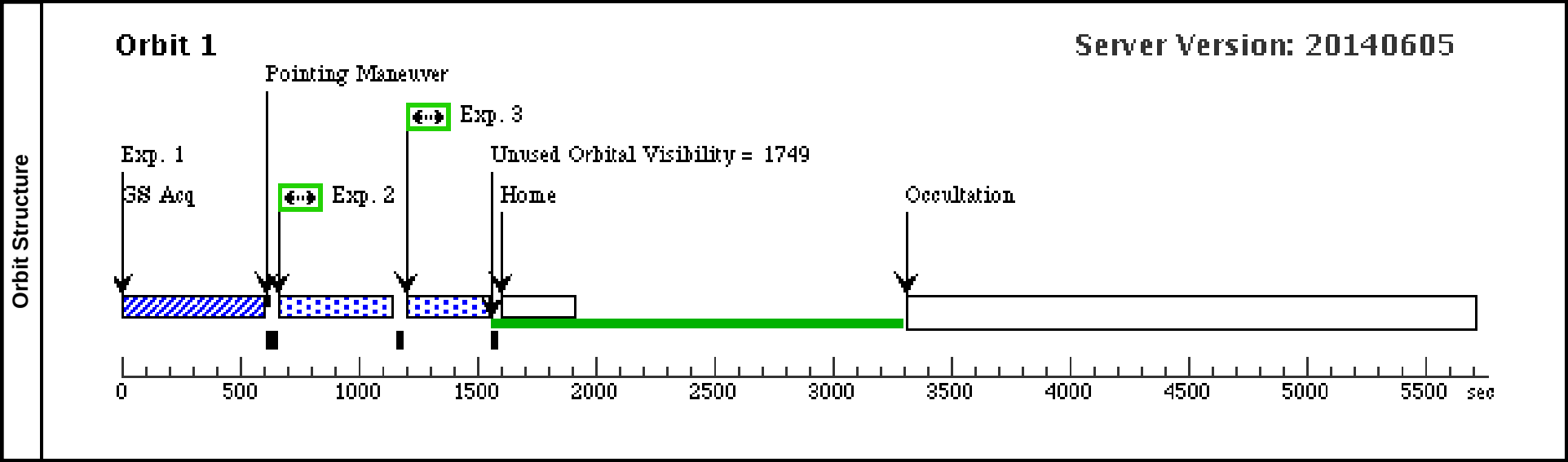
Proposal 13761 - ly20 (21) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly20 (21), scheduling										Thu Feb 12 02:07:56 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly20 (21)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly20 (21)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(21)	LY20	RA: 10 50 40.8400 (162.6701667d) Dec: +34 29 47.34 (34.49648d) Equinox: J2000		Redshift: 0.0523		V=18.0 6.78E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 419)	(21) LY20	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)		
									[>=>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influnce on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution a nd velocity distribution and the intrinsic spectrograph line spread function.										
	This object pretty point like; 100s acceptable.										
	2	fppos=3 (COS.sp.625 420)	(21) LY20	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
									[>=>]		[1]
Comments: two fp-pos are acceptable											
	3	fppos=4 (COS.sp.625 420)	(21) LY20	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)		
									[>=>]		[1]
Comments: two fp-pos are acceptable											



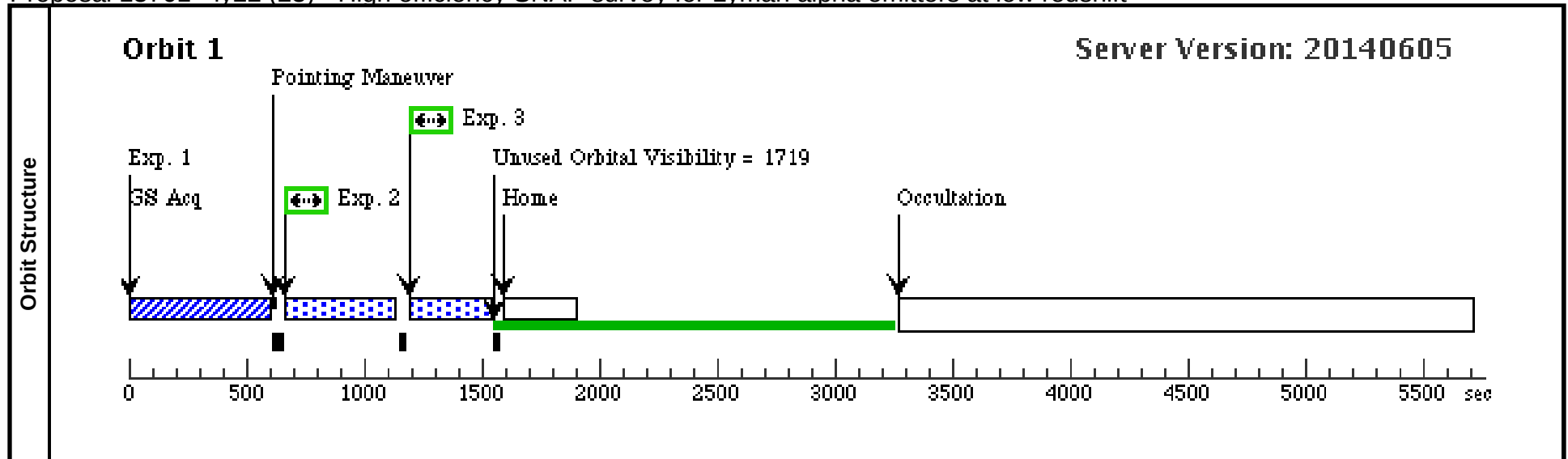
Proposal 13761 - ly21 (22) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly21 (22), scheduling										Thu Feb 12 02:07:56 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly21 (22)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly21 (22)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(22)	LY21	RA: 10 55 36.5100 (163.9021250d) Dec: +44 54 50.40 (44.91400d) Equinox: J2000			Redshift: 0.0376		V=17.1 1.07E-15 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 423)	(22) LY21	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs) [==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 9. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object pretty point like; 100s acceptable.											
	2	fppos3 (COS.sp.625 425)	(22) LY21	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=57 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
3	fppos4 (COS.sp.625 425)	(22) LY21	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=57 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [==>]		[1]	
Comments: two fp-pos are acceptable												



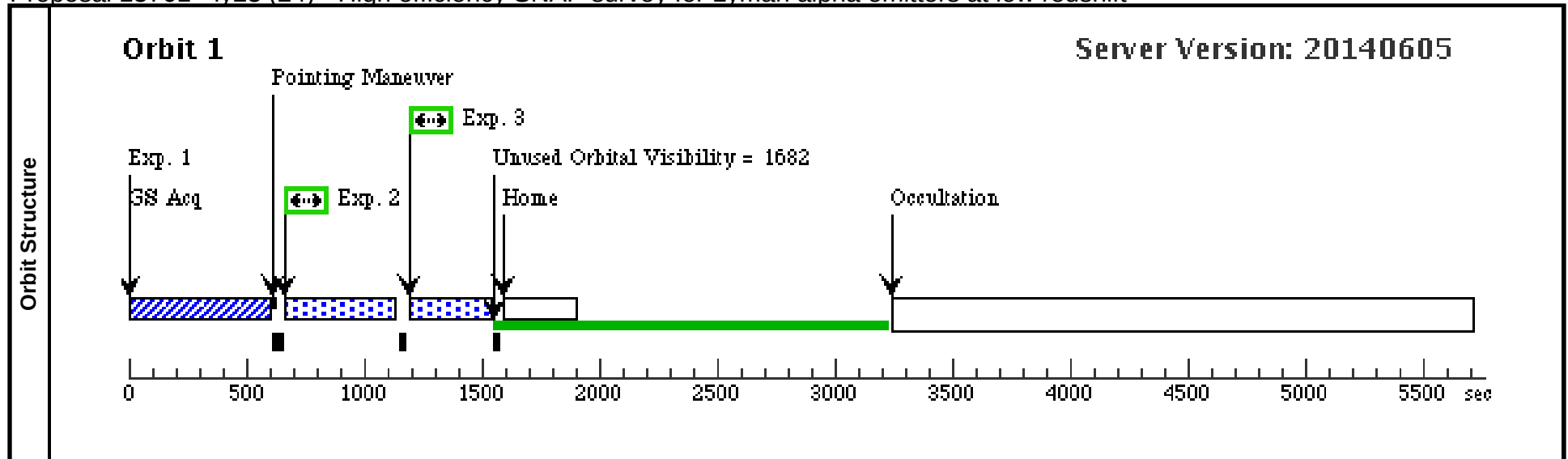
Proposal 13761 - ly22 (23) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly22 (23), scheduling										Thu Feb 12 02:07:56 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly22 (23)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly22 (23)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(23)	LY22	RA: 11 02 5.6100 (165.5233750d) Dec: +39 16 47.66 (39.27991d) Equinox: J2000		Redshift: 0.1518		V=18.2 5.38E-16 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 428)	(23) LY22	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs) [==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 6. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object pretty point like; 100s acceptable.											
	2	fppos3 (COS.sp.625 427)	(23) LY22	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=65 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH				300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
	3	fppos4 (COS.sp.625 427)	(23) LY22	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=65 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]	
Comments: two fp-pos are acceptable												



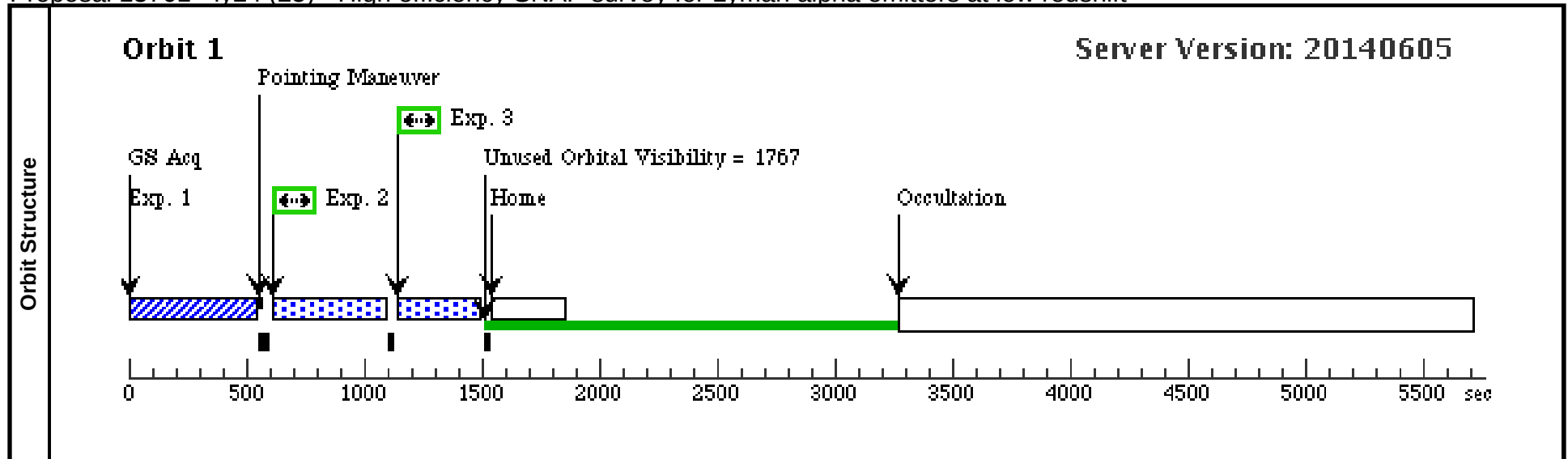
Proposal 13761 - ly23 (24) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly23 (24), scheduling										Thu Feb 12 02:07:56 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly23 (24)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly23 (24)) 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)	LY23	RA: 11 08 13.8100 (167.0575417d) Dec: +25 53 55.97 (25.89888d) Equinox: J2000			Redshift: 0.1136		V=17.9 1.41E-15 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 437)	(24) LY23	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs) [==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 9. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object pretty point like; 100s acceptable.											
	2	fppos3 (COS.sp.625 434)	(24) LY23	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=72 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
	3	fppos4 (COS.sp.625 434)	(24) LY23	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=72 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
Comments: two fp-pos are acceptable												



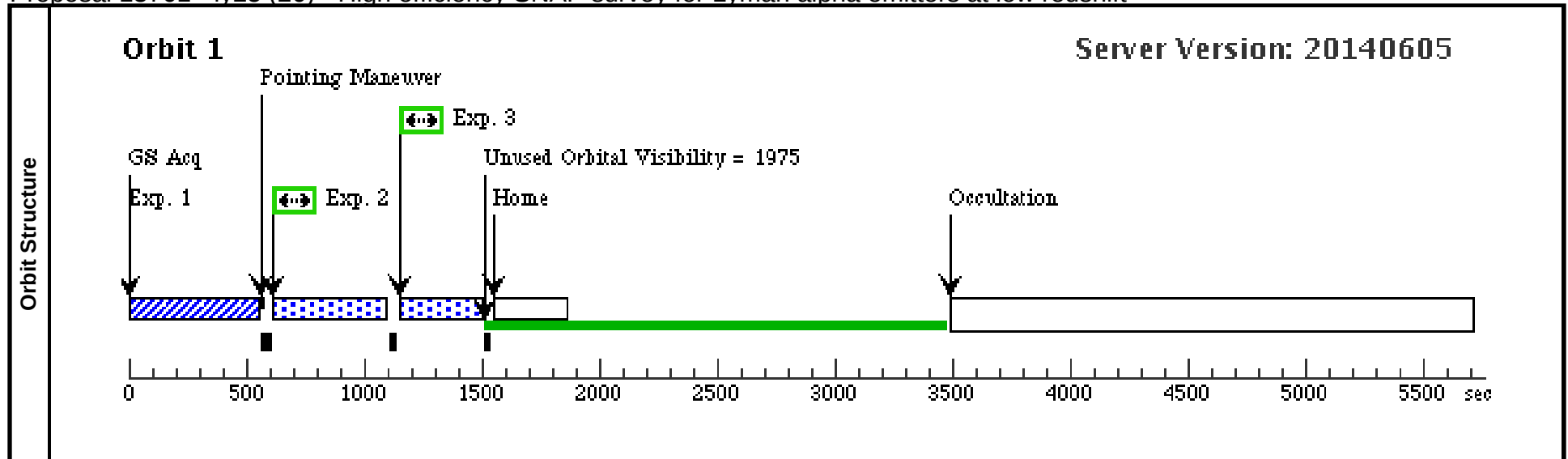
Proposal 13761 - ly24 (25) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly24 (25), completed										Thu Feb 12 02:07:56 GMT 2015		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/NUV, COS/FUV												
	Special Requirements: (none)												
Diagnostics	(ly24 (25)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
	(ly24 (25)) 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				
	(25)	LY24	RA: 11 10 2.6300 (167.5109583d) Dec: +36 56 4.96 (36.93471d) Equinox: J2000		Redshift: 0.0275		V=17.7 1.80E-15 Galex1530		Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 440)	(25) LY24	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				72 Secs (72 Secs)			
										[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.												
	2	fp3pos (COS.sp.625 439)	(25) LY24	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=51 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
											[==>]		[1]
	Comments: two fp-pos are acceptable												
3	fp3pos4 (COS.sp.625 439)	(25) LY24	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=51 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A				300 Secs (300 Secs)			
										[==>]		[1]	
Comments: two fp-pos are acceptable													



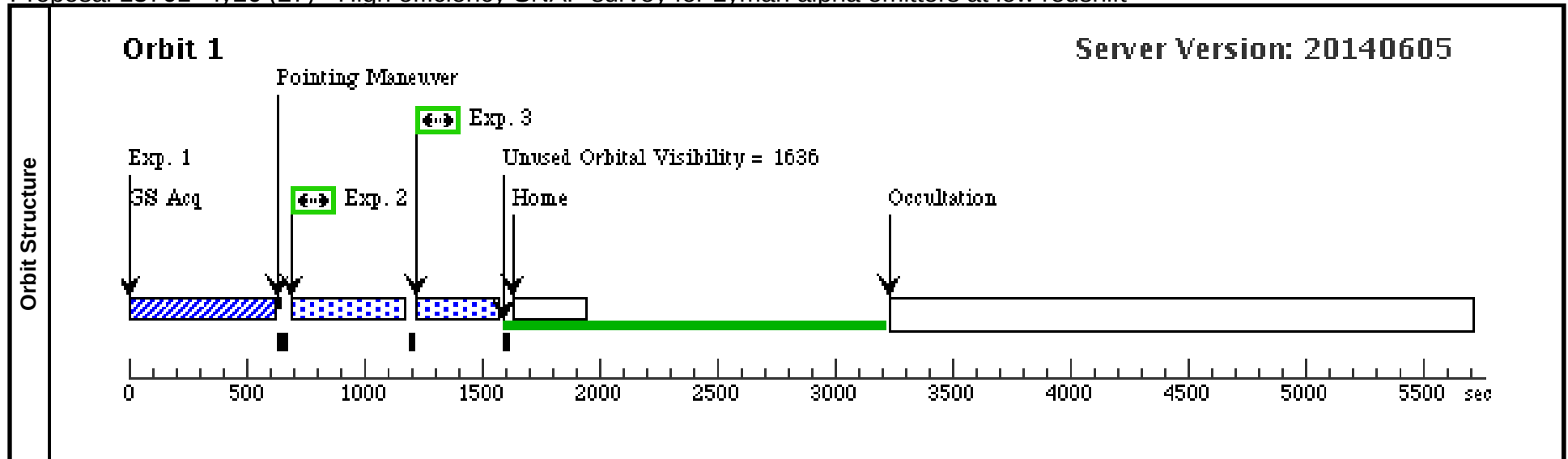
Proposal 13761 - ly25 (26) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly25 (26), scheduling										Thu Feb 12 02:07:56 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly25 (26)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly25 (26)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(26)	LY25	RA: 11 14 39.2000 (168.6633333d) Dec: +60 54 18.36 (60.90510d) Equinox: J2000	Redshift: 0.0535	V=17.4 1.44E-15 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 445)	(26) LY25	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				76 Secs (76 Secs) [==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos3 (COS.sp.625 446)	(26) LY25	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=54 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs) [==>]	[1]	
	Comments: two fp-pos are acceptable										
	3	fppos4 (COS.sp.625 446)	(26) LY25	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=54 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [==>]	[1]	
Comments: two fp-pos are acceptable											



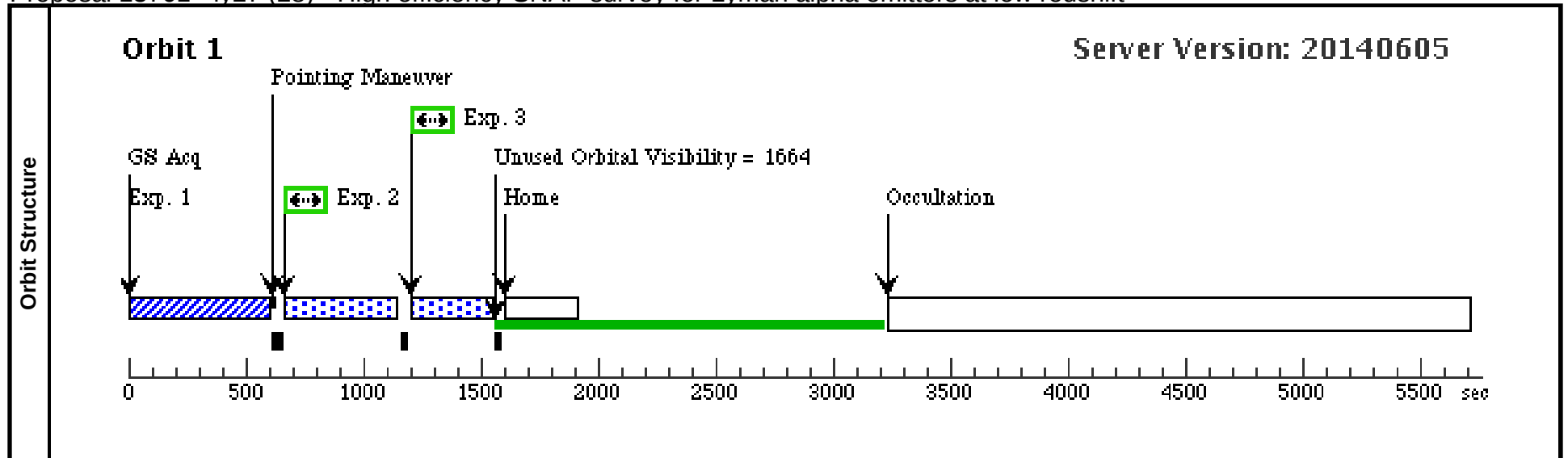
Proposal 13761 - ly26 (27) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly26 (27), implementation										Thu Feb 12 02:07:56 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly26 (27)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly26 (27)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(27)	LY26	RA: 11 22 31.9300 (170.6330417d) Dec: +23 06 21.14 (23.10587d) Equinox: J2000		Redshift: 0.0215		V=17.2 1.64E-15 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 447)	(27) LY26	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				100 Secs (100 Secs) [==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	2	fposs3 (COS.sp.625 450)	(27) LY26	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=50 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
	3	fposs4 (COS.sp.625 450)	(27) LY26	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=50 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [==>]		[1]
Comments: two fp-pos are acceptable												



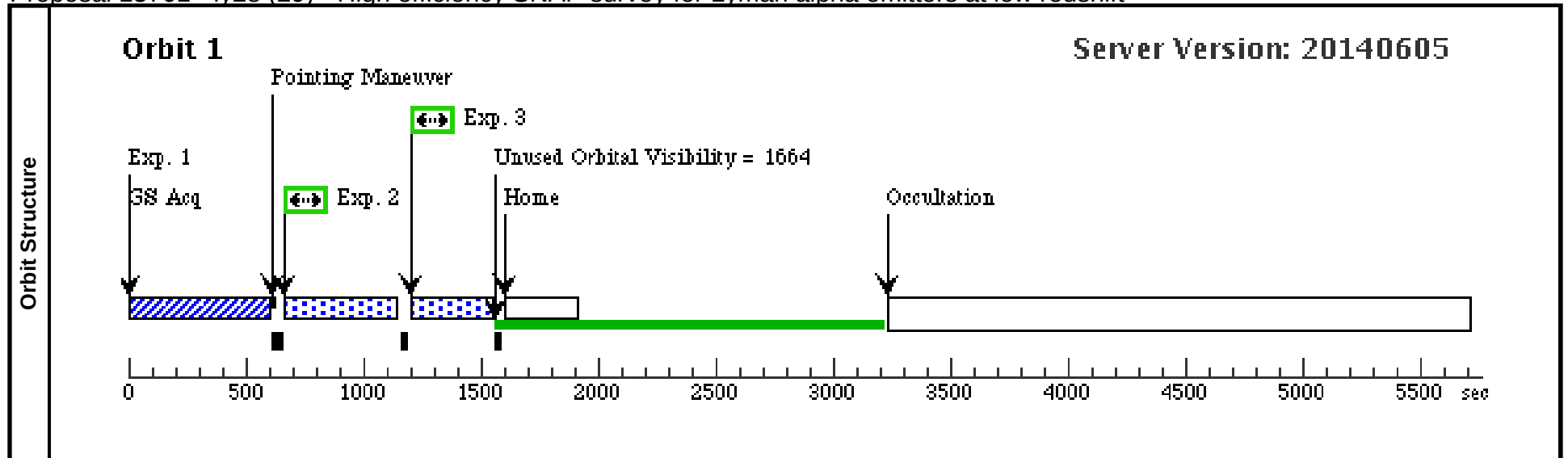
Proposal 13761 - ly27 (28) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly27 (28), scheduling									Thu Feb 12 02:07:56 GMT 2015		
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly27 (28)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly27 (28)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(28)	LY27	RA: 11 33 7.9600 (173.2831667d) Dec: +18 01 9.56 (18.01932d) Equinox: J2000		Redshift: 0.0413		V=17.2 6.61E-16 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 456)	(28) LY27	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)			
									[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object fairly point like; 100s acceptable.											
	2	fppos3 (COS.sp.625 453)	(28) LY27	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
										[==>]		[1]
Comments: two fp-pos are acceptable												
	3	fppos4 (COS.sp.625 453)	(28) LY27	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
									[==>]		[1]	
Comments: two fp-pos are acceptable												



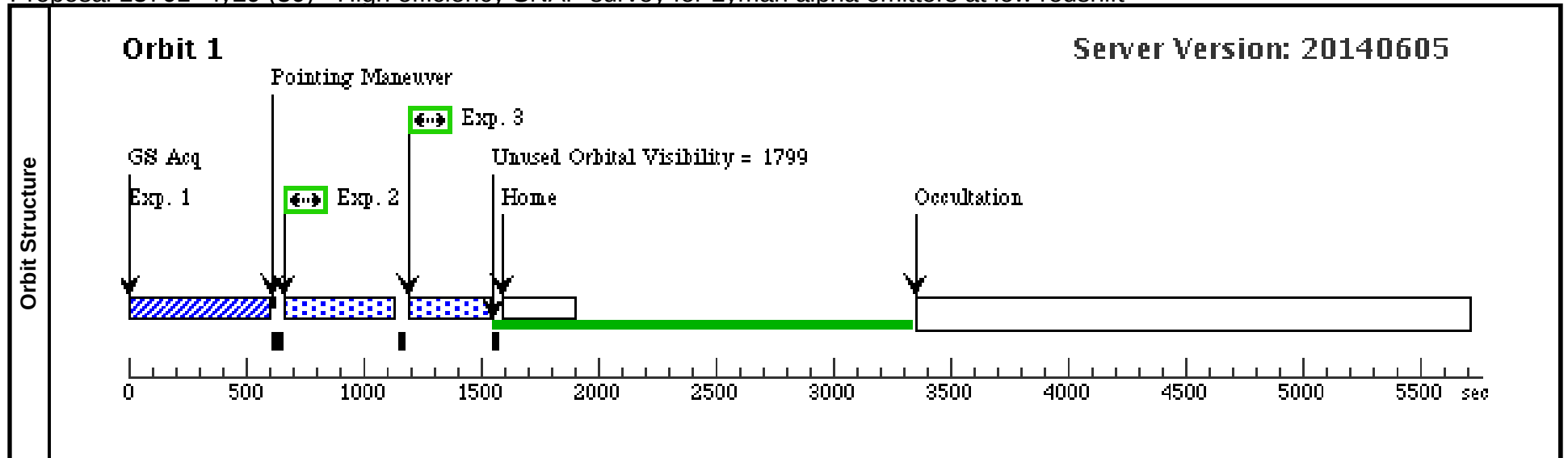
Proposal 13761 - ly28 (29) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly28 (29), completed										Thu Feb 12 02:07:56 GMT 2015		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/NUV, COS/FUV												
	Special Requirements: (none)												
Diagnostics	(ly28 (29)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.												
	(ly28 (29)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(29)	LY28	RA: 11 33 59.8000 (173.4991667d) Dec: +18 31 0.93 (18.51692d) Equinox: J2000		Redshift: 0.0333		V=17.3 8.91E-16 Galex1530		Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 462)	(29) LY28	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs)			
										[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.												
	2	fp3pos (COS.sp.625 464)	(29) LY28	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													
	3	fp3pos4 (COS.sp.625 464)	(29) LY28	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
										[==>]		[1]	
Comments: two fp-pos are acceptable													



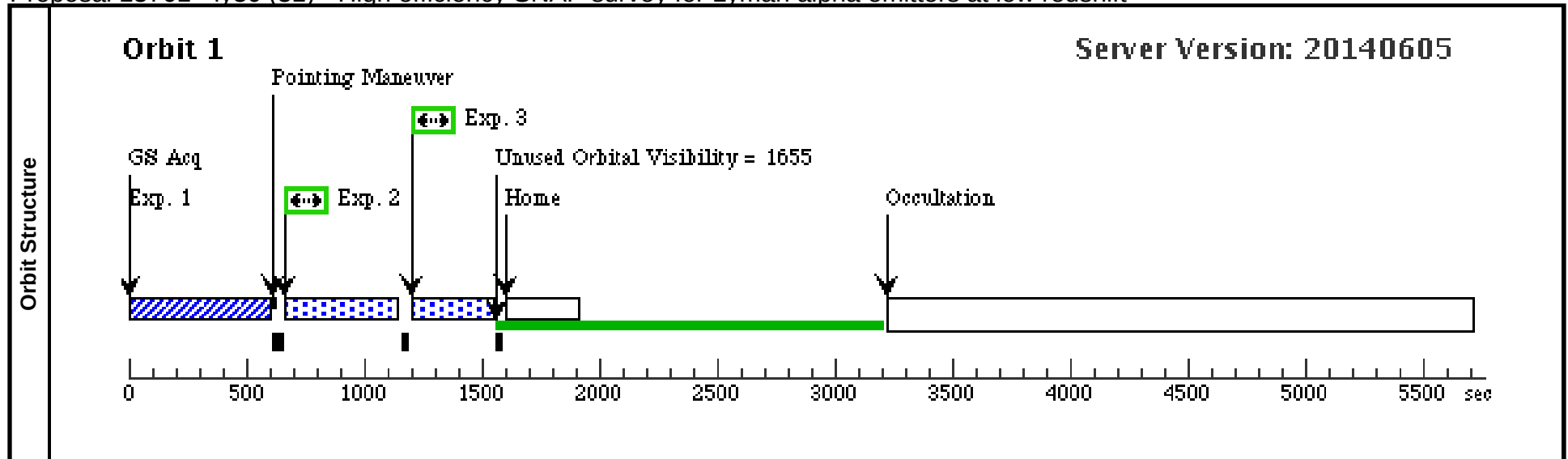
Proposal 13761 - ly29 (30) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly29 (30), scheduling										Thu Feb 12 02:07:56 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly29 (30)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly29 (30)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(30)	LY29	RA: 11 38 48.8700 (174.7036250d) Dec: +48 37 38.06 (48.62724d) Equinox: J2000		Redshift: 0.058		V=17.1 9.42E-16 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 465)	(30) LY29	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)			
									[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	2	fp3pos (COS.sp.625 466)	(30) LY29	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=7900; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH				300 Secs (300 Secs)		
										[==>]		[1]
Comments: two fp-pos are acceptable												
	3	fp3pos (COS.sp.625 466)	(30) LY29	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=7900; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH				300 Secs (300 Secs)		
									[==>]		[1]	
Comments: two fp-pos are acceptable												



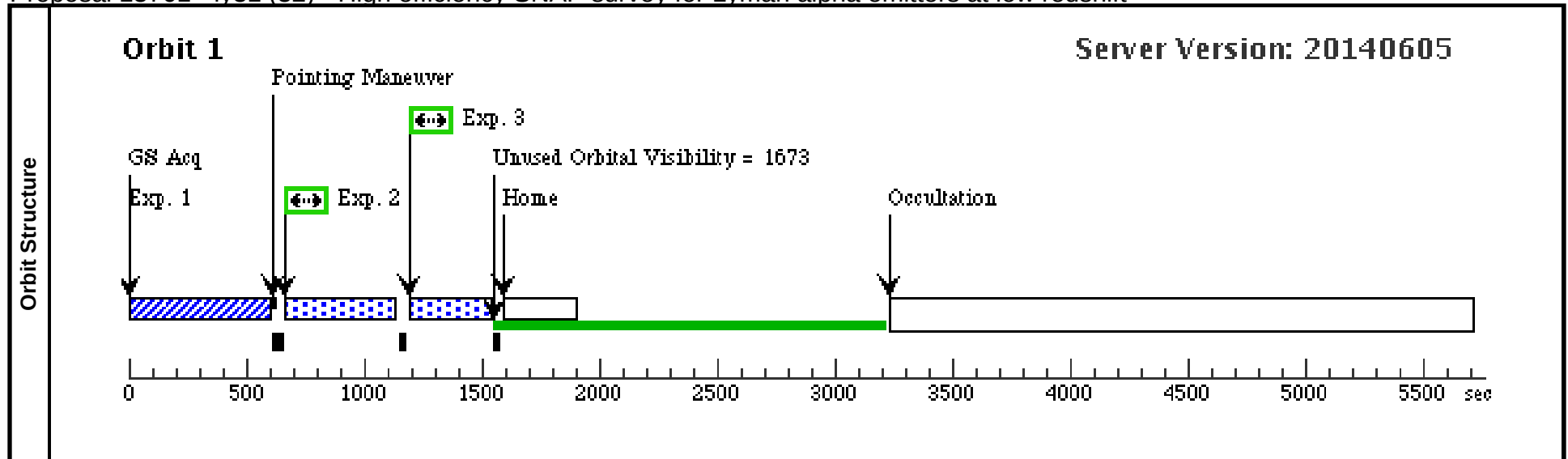
Proposal 13761 - ly30 (31) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly30 (31), implementation									Thu Feb 12 02:07:56 GMT 2015	
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly30 (31)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly30 (31)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(31)	LY30	RA: 11 40 39.9000 (175.1662500d) Dec: +08 52 43.77 (8.87882d) Equinox: J2000		Redshift: 0.0219		V=17.3 7.57E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 470)	(31) LY30	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	This object fairly point like; 100s acceptable.										
	2	fppos3 (COS.sp.625 473)	(31) LY30	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
								[==>]	[1]		
Comments: two fp-pos are acceptable											
3	fppos4 (COS.sp.625 473)	(31) LY30	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=60 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
								[==>]	[1]		
Comments: two fp-pos are acceptable											



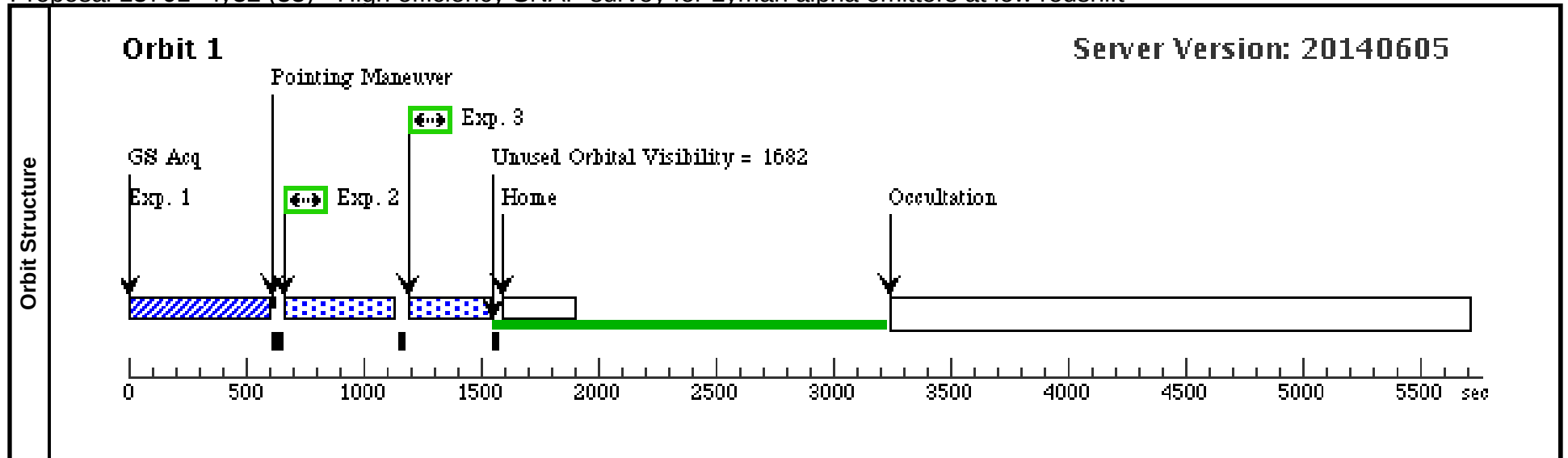
Proposal 13761 - ly31 (32) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly31 (32), scheduling										Thu Feb 12 02:07:56 GMT 2015		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/NUV, COS/FUV												
	Special Requirements: (none)												
Diagnostics	(ly31 (32)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.												
	(ly31 (32)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(32)	LY31	RA: 11 42 7.8600 (175.5327500d) Dec: +24 59 47.42 (24.99651d) Equinox: J2000		Redshift: 0.0575		V=16.7 9.17E-16 Galex1530		Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 475)	(32) LY31	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs)			
										[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.												
	2	fp3pos (COS.sp.625 476)	(32) LY31	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=6000; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													
	3	fp3pos (COS.sp.625 476)	(32) LY31	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=6000; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													



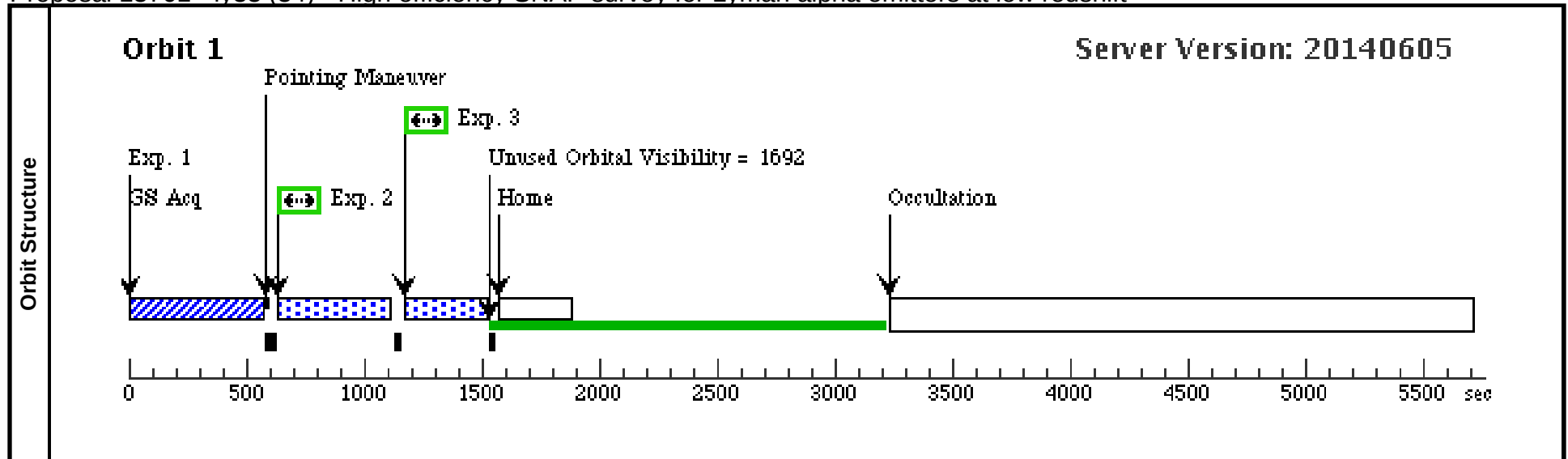
Proposal 13761 - ly32 (33) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly32 (33), scheduling										Thu Feb 12 02:07:56 GMT 2015		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/NUV, COS/FUV												
	Special Requirements: (none)												
Diagnostics	(ly32 (33)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
	(ly32 (33)) 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)	LY32	RA: 11 48 14.3100 (177.0596250d) Dec: +27 13 25.96 (27.22388d) Equinox: J2000			Redshift: 0.1337		V=17.4 7.32E-16 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 477)	(33) LY32	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs)			
										[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.												
	This object fairly point like; 100s acceptable.												
	2	fppos3 (COS.sp.625 478)	(33) LY32	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=87 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH				300 Secs (300 Secs)		
											[==>]		[1]
	Comments: two fp-pos are acceptable												
	3	fppos4 (COS.sp.625 478)	(33) LY32	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=87 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													



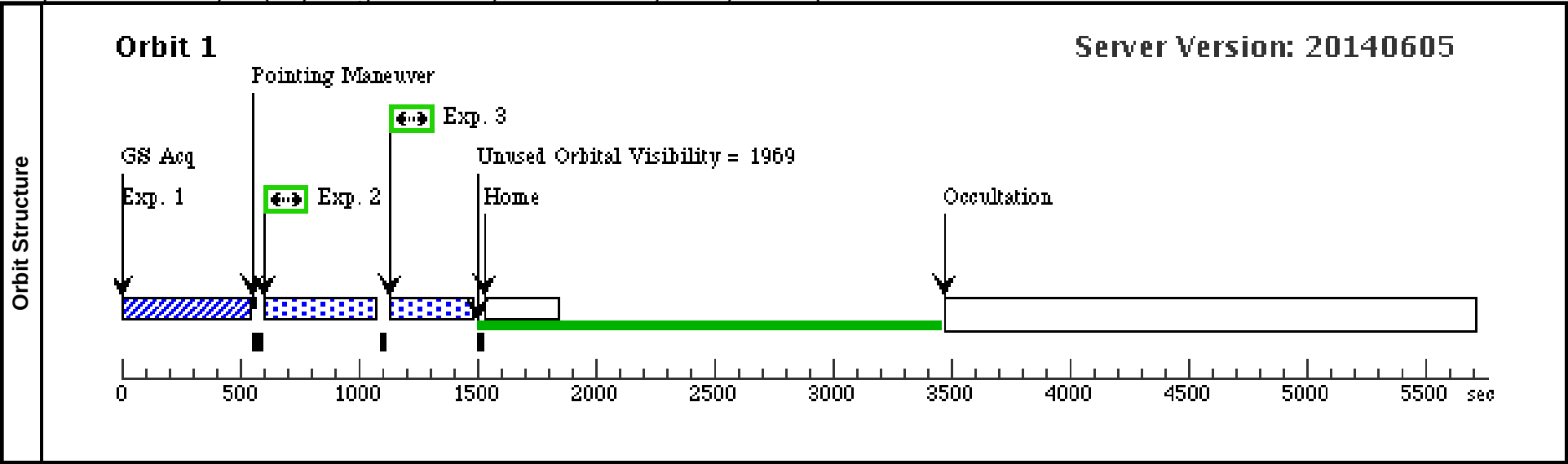
Proposal 13761 - ly33 (34) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly33 (34), scheduling										Thu Feb 12 02:07:57 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly33 (34)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly33 (34)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(34)	LY33	RA: 11 49 17.3300 (177.3222083d) Dec: +16 22 18.12 (16.37170d) Equinox: J2000	Redshift: 0.022	V=17.8 1.57E-15 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 492)	(34) LY33	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				86 Secs (86 Secs) [==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fp3pos (COS.sp.625 496)	(34) LY33	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=52 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs) [==>]	[1]	
	Comments: two fp-pos are acceptable										
	3	fp3pos4 (COS.sp.625 496)	(34) LY33	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=52 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [==>]	[1]	
Comments: two fp-pos are acceptable											



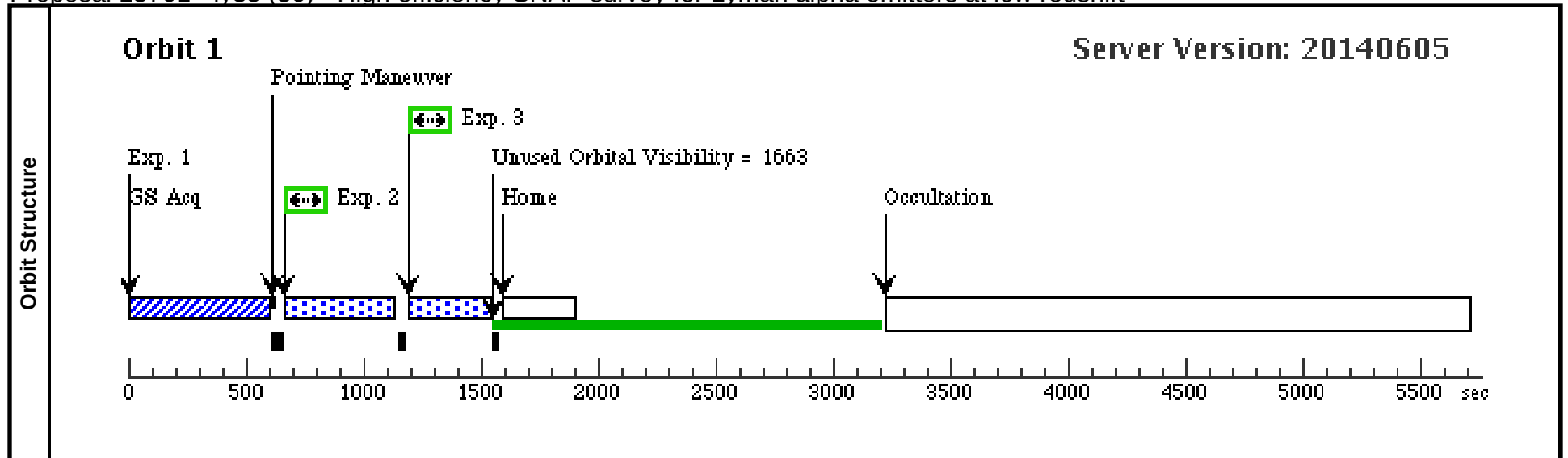
Proposal 13761 - ly34 (35) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly34 (35), scheduling										Thu Feb 12 02:07:57 GMT 2015		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/NUV, COS/FUV												
	Special Requirements: (none)												
Diagnostics	(ly34 (35)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.												
	(ly34 (35)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(35)	LY34	RA: 11 53 46.1500 (178.4422917d) Dec: +56 19 35.37 (56.32649d) Equinox: J2000		Redshift: 0.1289		V=17.7 1.74E-15 Galex1530		Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 499)	(35) LY34	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				71 Secs (71 Secs)			
										[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.												
	2	fp3pos (COS.sp.625 500)	(35) LY34	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=66 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													
	3	fp3pos4 (COS.sp.625 500)	(35) LY34	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=66 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													



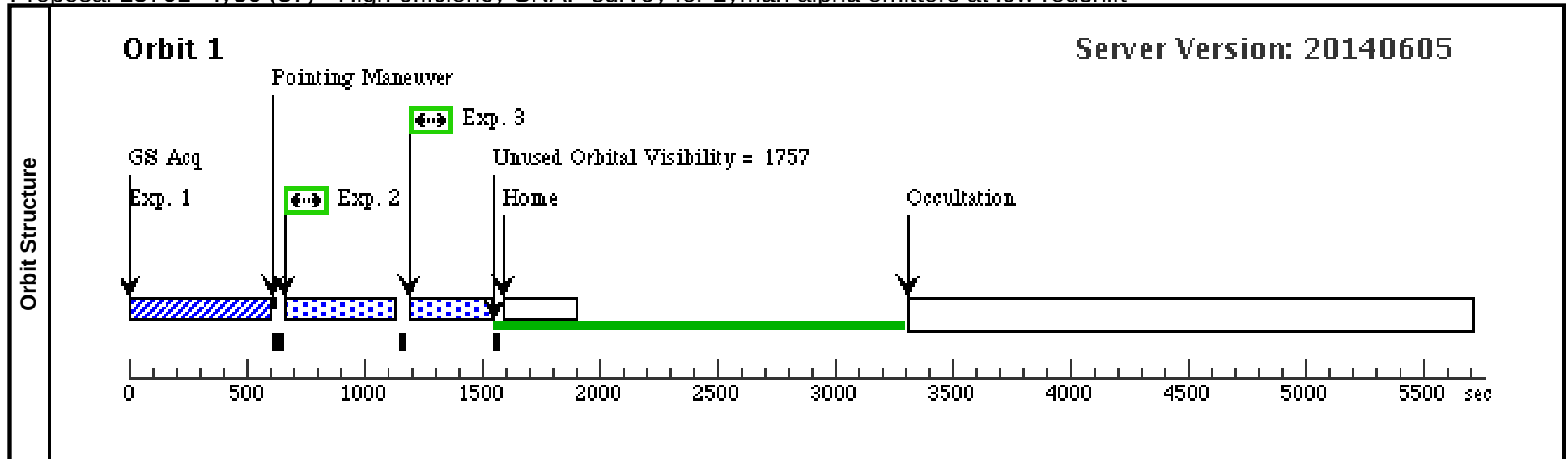
Proposal 13761 - ly35 (36) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly35 (36), scheduling										Thu Feb 12 02:07:57 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly35 (36)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly35 (36)) 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)	LY35	RA: 11 54 31.9100 (178.6329583d) Dec: +08 34 37.51 (8.57709d) Equinox: J2000		Redshift: 0.1167		V=18.4 1.51E-15 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 504)	(36) LY35	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs) [==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	2	fppos3 (COS.sp.625 506)	(36) LY35	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=67 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
	3	fppos4 (COS.sp.625 506)	(36) LY35	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=67 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
Comments: two fp-pos are acceptable												



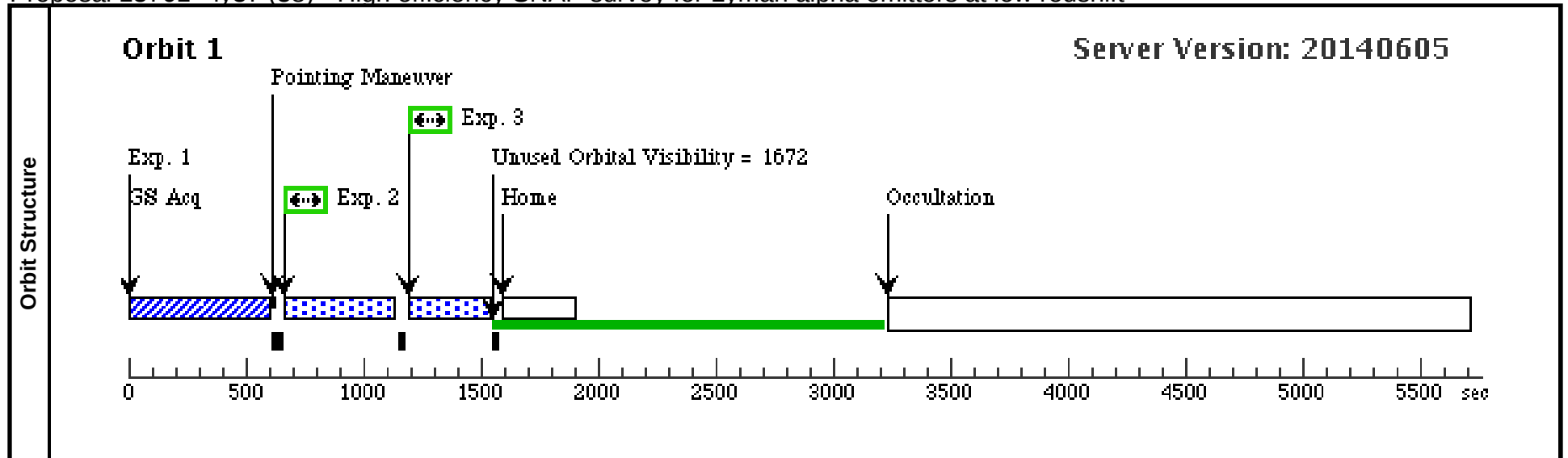
Proposal 13761 - ly36 (37) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly36 (37), implementation										Thu Feb 12 02:07:57 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly36 (37)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly36 (37)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(37)	LY36	RA: 12 11 0.6100 (182.7525417d) Dec: +41 53 23.07 (41.88974d) Equinox: J2000		Redshift: 0.1221		V=18.1 1.09E-15 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 509)	(37) LY36	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs) [==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos3 (COS.sp.625 514)	(37) LY36	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=8000; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable										
	3	fppos4 (COS.sp.625 514)	(37) LY36	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=8000; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
Comments: two fp-pos are acceptable											



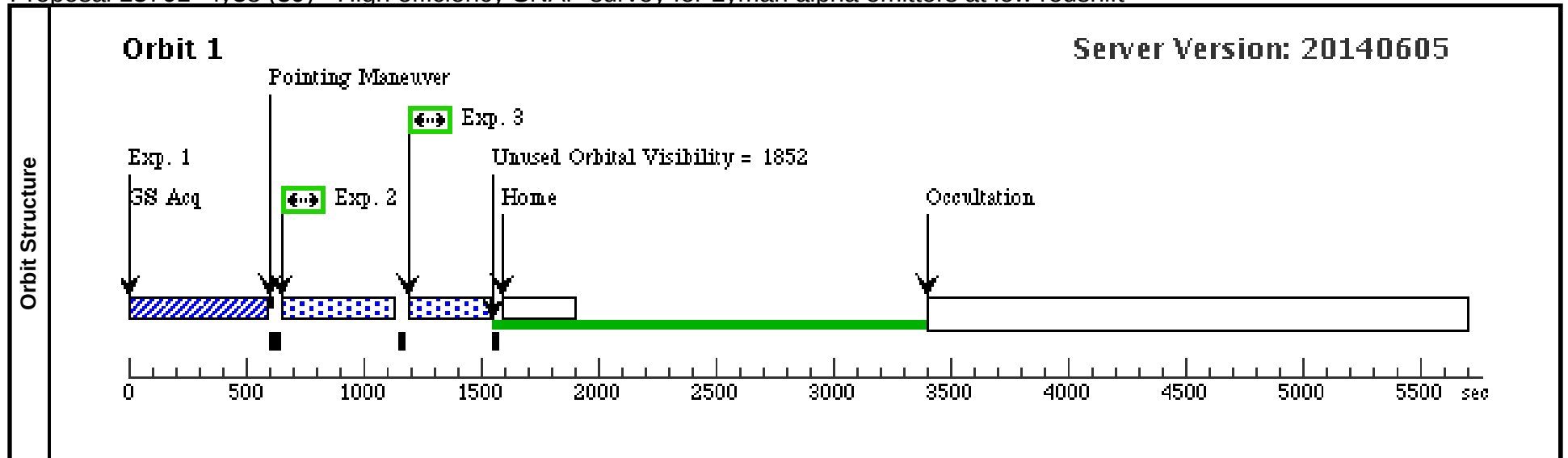
Proposal 13761 - ly37 (38) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly37 (38), scheduling										Thu Feb 12 02:07:57 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly37 (38)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly37 (38)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(38)	LY37	RA: 12 19 3.9800 (184.7665833d) Dec: +15 26 8.52 (15.43570d) Equinox: J2000			Redshift: 0.1957		V=19.1 7.22E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 519)	(38) LY37	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs) [==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 6. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influnce on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution a nd velocity distribution and the intrinsic spectrograph line spread function.											
	This object very point like; 100s acceptable.											
	2	fppos3 (COS.sp.625 521)	(38) LY37	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=82 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
Comments: two fp-pos are acceptable												
	3	fppos4 (COS.sp.625 521)	(38) LY37	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=82 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
Comments: two fp-pos are acceptable												



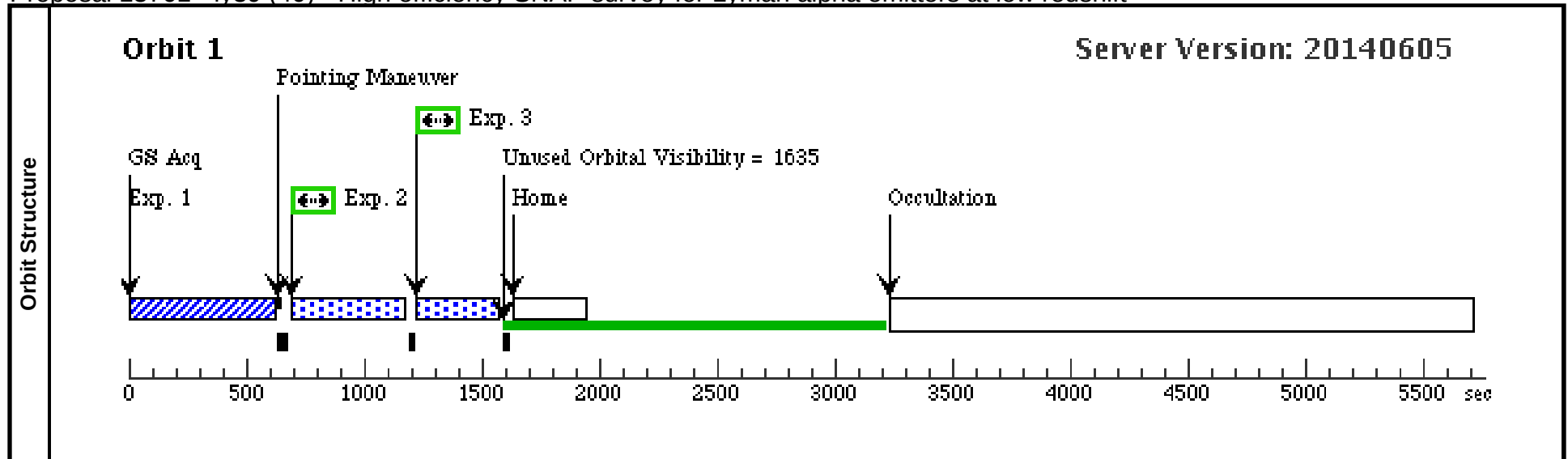
Proposal 13761 - ly38 (39) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly38 (39), completed										Thu Feb 12 02:07:57 GMT 2015		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/NUV, COS/FUV												
	Special Requirements: (none)												
Diagnostics	(ly38 (39)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
	(ly38 (39)) 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				
	(39)	LY38	RA: 12 27 20.1600 (186.8340000d) Dec: +51 39 24.36 (51.65677d) Equinox: J2000		Redshift: 0.0444		V=17.6 1.26E-15 Galex1530		Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 524)	(39) LY38	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				95 Secs (95 Secs)			
										[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.												
	2	fp3pos (COS.sp.625 525)	(39) LY38	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=52 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													
	3	fp3pos4 (COS.sp.625 525)	(39) LY38	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=52 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
										[==>]		[1]	
Comments: two fp-pos are acceptable													



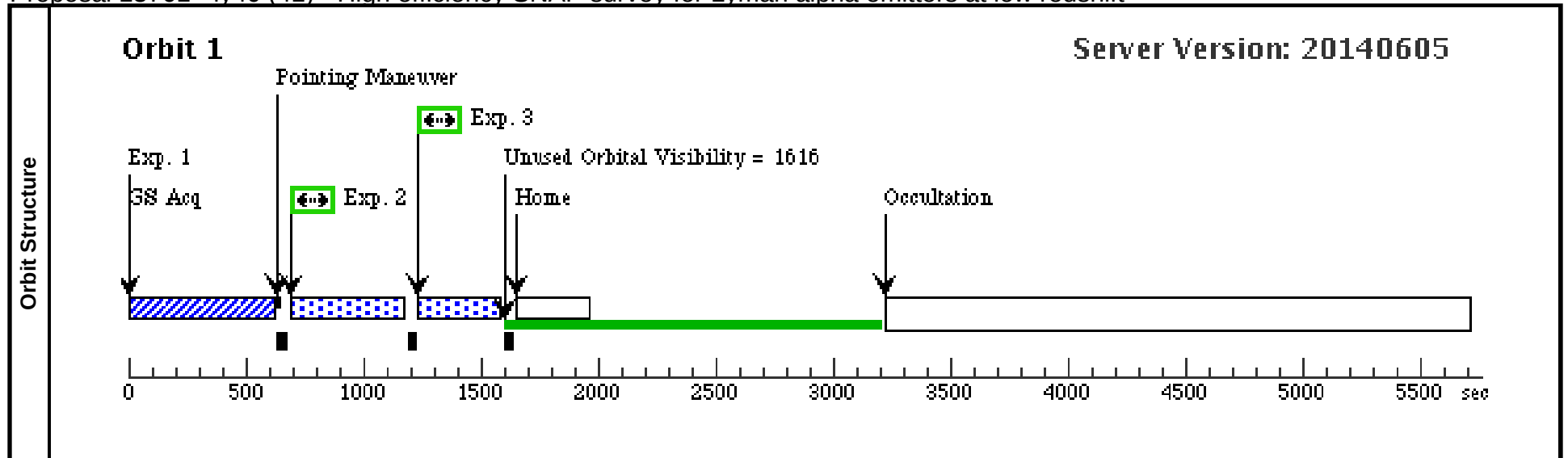
Proposal 13761 - ly39 (40) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly39 (40), scheduling										Thu Feb 12 02:07:57 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly39 (40)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly39 (40)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(40)	LY39	RA: 12 38 29.9300 (189.6247083d) Dec: +19 59 21.36 (19.98927d) Equinox: J2000		Redshift: 0.0486		V=16.3 4.50E-15 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.626 141)	(40) LY39	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100 Secs (100 Secs)		
									[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 6. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	Too bright for mirror so using mirrorb. Exposure set to 100 sec. Reduced SN in check box ok.										
	2	fp3pos3 (COS.sp.625 529)	(40) LY39	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=33 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
								[==>]		[1]	
Comments: two fp-pos are acceptable											
3	fp3pos4 (COS.sp.625 529)	(40) LY39	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=33 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
								[==>]		[1]	
Comments: two fp-pos are acceptable											



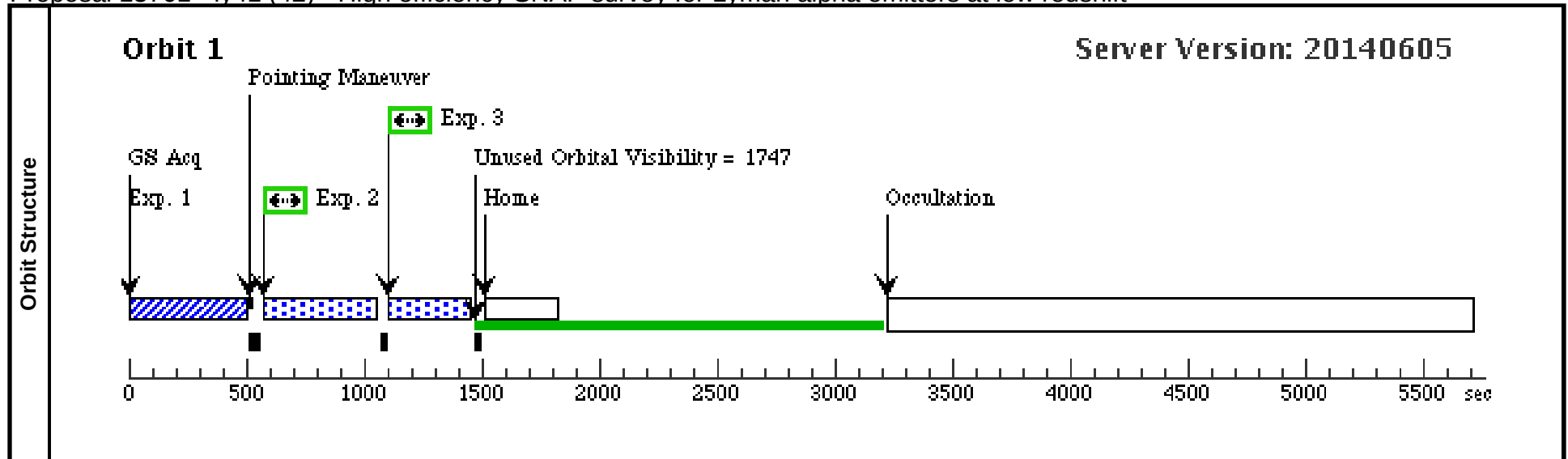
Proposal 13761 - ly40 (41) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly40 (41), implementation										Thu Feb 12 02:07:57 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly40 (41)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly40 (41)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(41)	LY40	RA: 12 53 5.9700 (193.2748750d) Dec: -03 12 58.94 (-3.21637d) Equinox: J2000		Redshift: 0.0229		V=15.4 9.98E-15 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.626 135)	(41) LY40	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100 Secs (100 Secs)			
									[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8.5. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	Too bright for mirrorA so using mirrorB											
	2	fppos3 (COS.sp.625 543)	(41) LY40	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=14 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
										[==>]		[1]
Comments: two fp-pos are acceptable												
	3	fppos4 (COS.sp.625 543)	(41) LY40	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=14 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
									[==>]		[1]	
Comments: two fp-pos are acceptable												



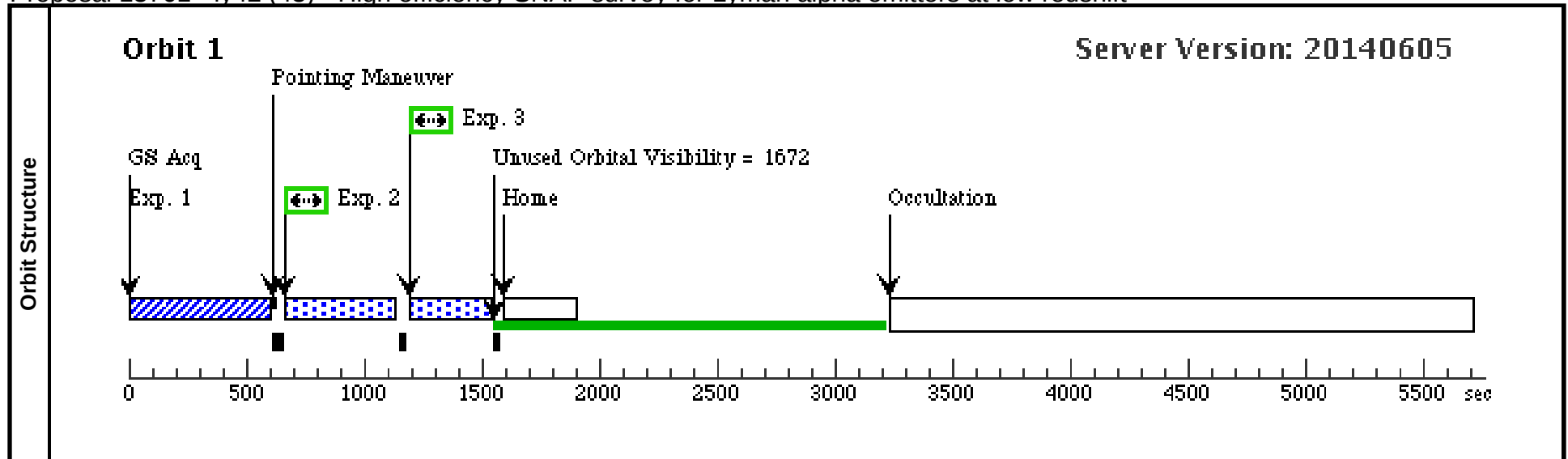
Proposal 13761 - ly41 (42) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly41 (42), completed										Thu Feb 12 02:07:57 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly41 (42)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(ly41 (42)) 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		
	(42)	LY41	RA: 12 57 29.5400 (194.3730833d) Dec: +06 26 9.62 (6.43601d) Equinox: J2000		Redshift: 0.0477		V=16.5 1.70E-15 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	acq/img (COS.ta.625 552)	(42) LY41	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				54 Secs (54 Secs) [==>]	[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos3 (COS.sp.625 554)	(42) LY41	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=51 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs) [==>]	[1]
	Comments: two fp-pos are acceptable										
	3	fppos4 (COS.sp.625 554)	(42) LY41	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=51 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [==>]	[1]
Comments: two fp-pos are acceptable											



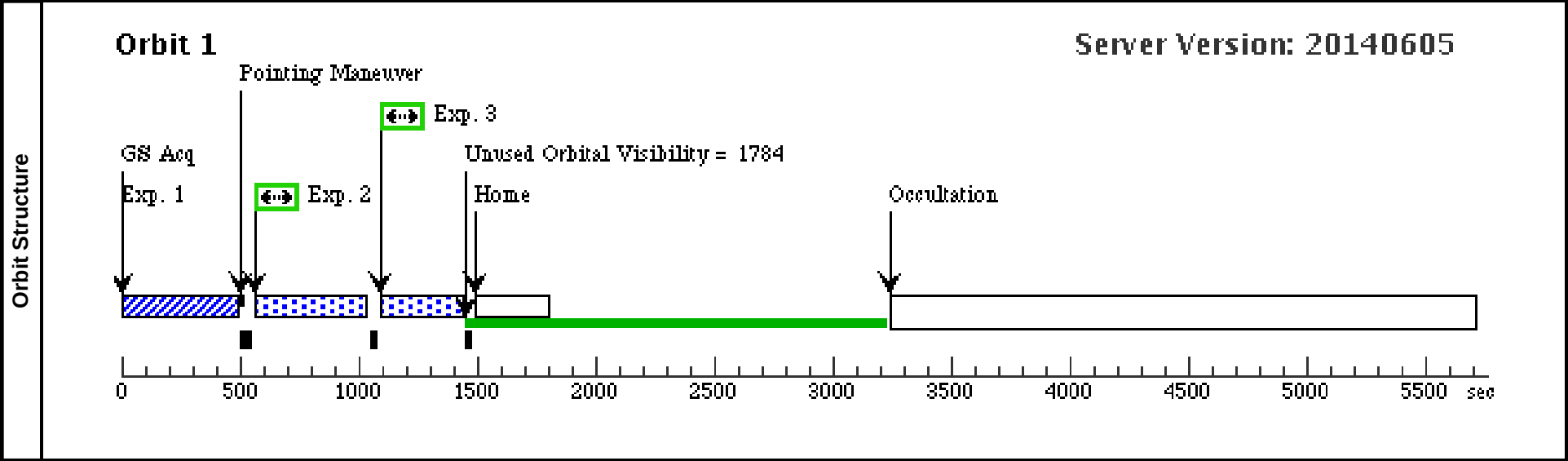
Proposal 13761 - ly42 (43) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly42 (43), completed Thu Feb 12 02:07:57 GMT 2015									
	Diagnostic Status: Warning Scientific Instruments: COS/NUV, COS/FUV Special Requirements: (none)									
Diagnostics	(ly42 (43)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.									
	(ly42 (43)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(43)	LY42	RA: 12 57 34.4300 (194.3934583d) Dec: +15 22 29.22 (15.37478d) Equinox: J2000	Redshift: 0.0674	V=18.5 4.89E-16 Galex1530	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	acq/img (COS.ta.625 555)	(43) LY42	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)	
									[==>]	[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 6. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.									
	This object point like; 100s acceptable.									
	2	fppos3 (COS.sp.625 558)	(43) LY42	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)	
									[==>]	[1]
	Comments: two fp-pos are acceptable									
	3	fppos4 (COS.sp.625 558)	(43) LY42	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)	
									[==>]	[1]
	Comments: two fp-pos are acceptable									



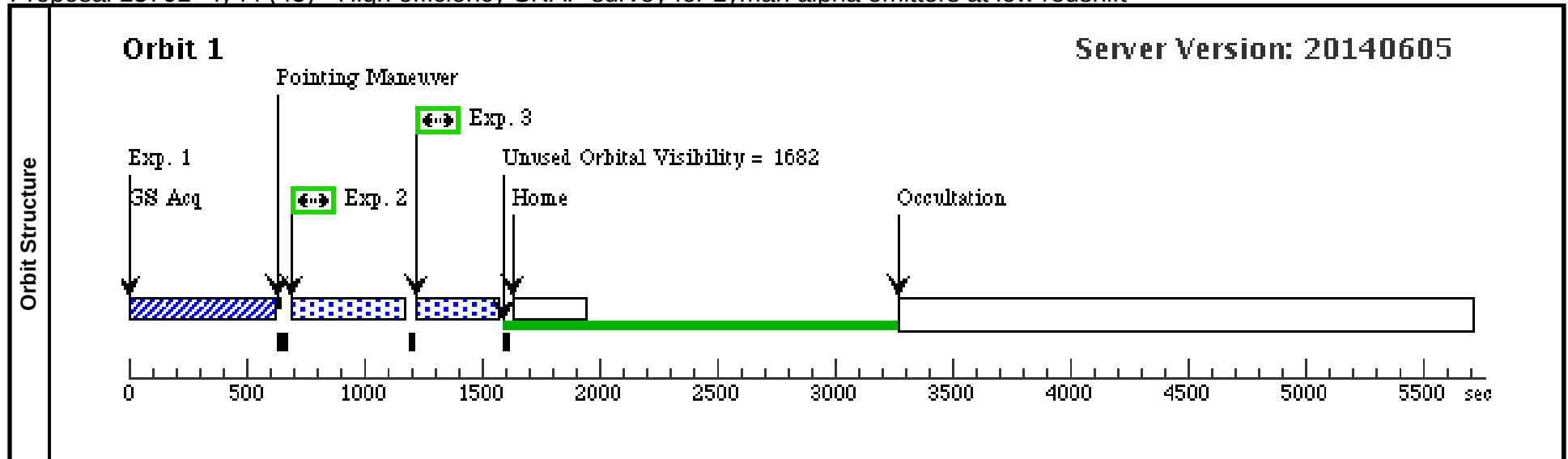
Proposal 13761 - ly43 (44) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly43 (44), scheduling										Thu Feb 12 02:07:57 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly43 (44)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly43 (44)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(44)	LY43	RA: 13 03 22.8500 (195.8452083d) Dec: +27 07 29.59 (27.12489d) Equinox: J2000	Redshift: 0.0834	V=17.5 2.14E-15 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 573)	(44) LY43	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				49 Secs (49 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fp3pos (COS.sp.625 574)	(44) LY43	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=63 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											
	3	fp3pos4 (COS.sp.625 574)	(44) LY43	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=63 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											



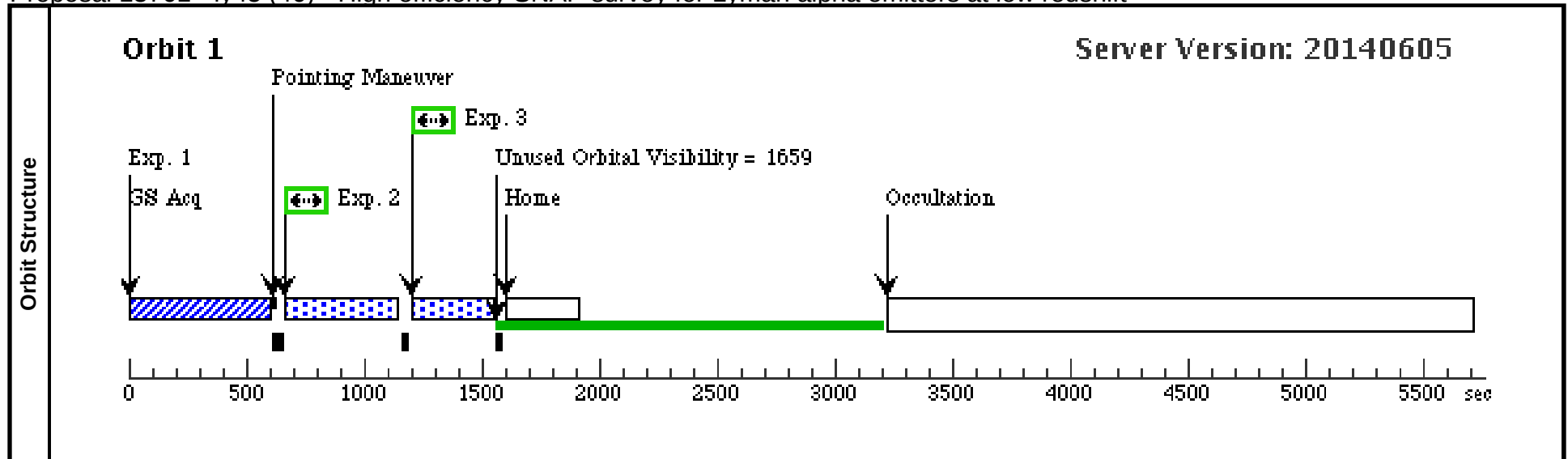
Proposal 13761 - ly44 (45) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly44 (45), implementation										Thu Feb 12 02:07:57 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly44 (45)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly44 (45)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(45)	LY44	RA: 13 03 54.4400 (195.9768333d) Dec: +37 14 1.88 (37.23386d) Equinox: J2000		Redshift: 0.036		V=17.1 1.54E-15 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 575)	(45) LY44	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				100 Secs (100 Secs)		
										[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	2	fp3pos (COS.sp.625 577)	(45) LY44	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=49 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
										[==>]		[1]
Comments: two fp-pos are acceptable												
	3	fp3pos4 (COS.sp.625 577)	(45) LY44	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=49 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)		
										[==>]		[1]
Comments: two fp-pos are acceptable												



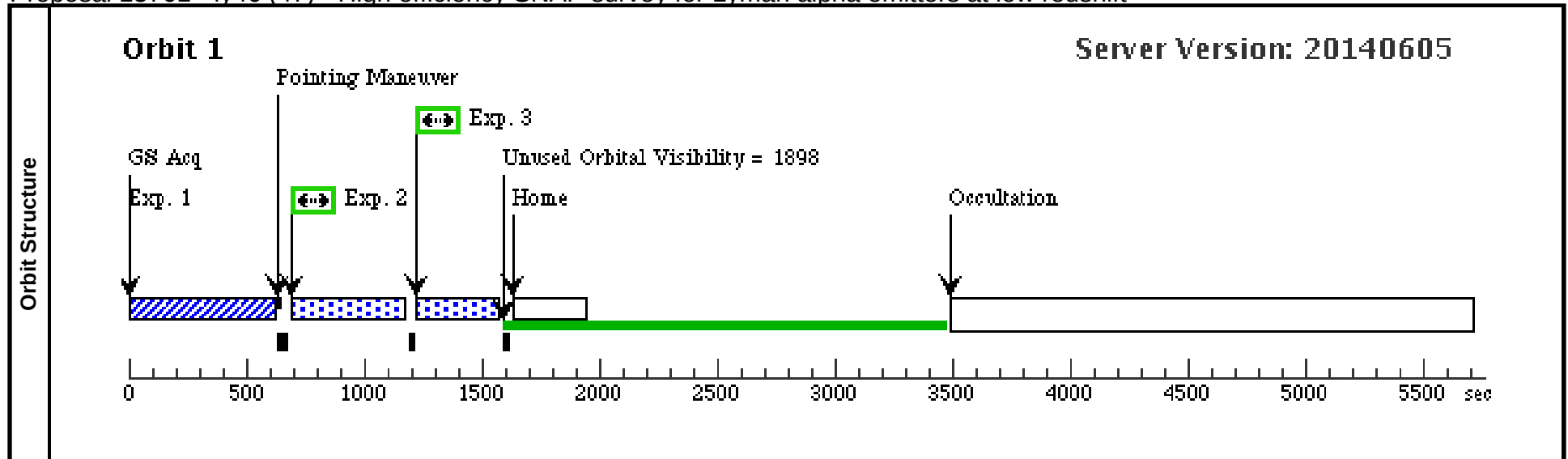
Proposal 13761 - ly45 (46) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly45 (46), scheduling										Thu Feb 12 02:07:57 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly45 (46)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly45 (46)) 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		
	(46)	LY45	RA: 13 12 35.1600 (198.1465000d) Dec: +12 57 43.34 (12.96204d) Equinox: J2000			Redshift: 0.0258		V=17.7 9.22E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 579)	(46) LY45	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs)		
										[>=>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 9. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object point like; 100s acceptable.											
	2	fppos3 (COS.sp.625 580)	(46) LY45	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=55 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
										[>=>]		[1]
Comments: two fp-pos are acceptable												
	3	fppos4 (COS.sp.625 580)	(46) LY45	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=55 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)		
										[>=>]		[1]
Comments: two fp-pos are acceptable												



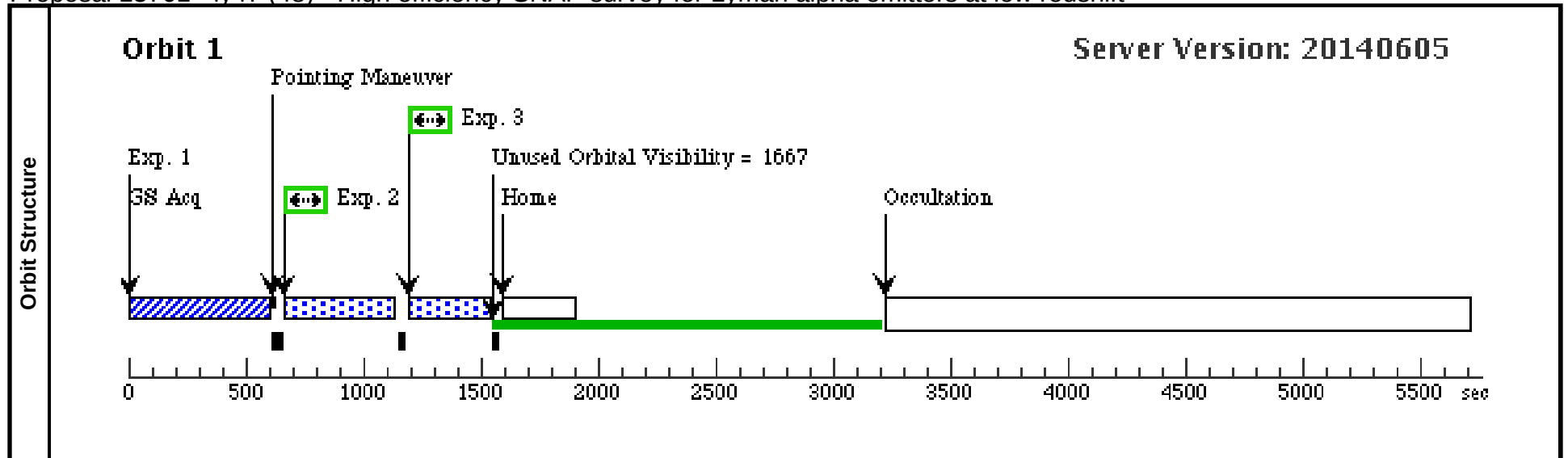
Proposal 13761 - ly46 (47) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly46 (47), completed										Thu Feb 12 02:07:57 GMT 2015		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/NUV, COS/FUV												
	Special Requirements: (none)												
Diagnostics	(ly46 (47)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
	(ly46 (47)) 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			
	(47)	LY46	RA: 13 29 13.7700 (202.3073750d) Dec: +62 18 33.13 (62.30920d) Equinox: J2000			Redshift: 0.0418		V=16.3 4.52E-15 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.626 149)	(47) LY46	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				100 Secs (100 Secs)			
										[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 5. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.												
	Too bright for mirror A so using mirror B. Exposure set to 100 sec. Reduced SN in checkbox ok.												
	2	fp3pos3 (COS.sp.625 582)	(47) LY46	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=36 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													
	3	fp3pos4 (COS.sp.625 582)	(47) LY46	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=36 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
										[==>]		[1]	
Comments: two fp-pos are acceptable													



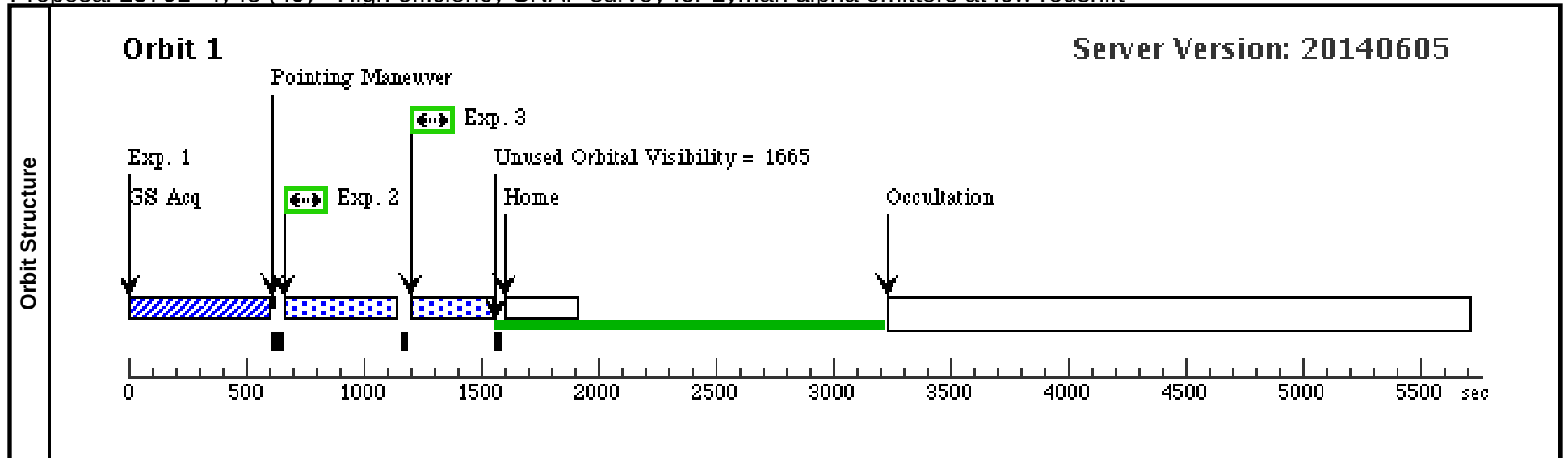
Proposal 13761 - ly47 (48) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly47 (48), scheduling										Thu Feb 12 02:07:57 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly47 (48)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly47 (48)) 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		
	(48)	LY47	RA: 13 41 29.2000 (205.3716667d) Dec: +13 32 15.30 (13.53758d) Equinox: J2000			Redshift: 0.1358		V=18.1 7.44E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 586)	(48) LY47	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs) [==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object point like; 100s acceptable.											
	2	fp3pos3 (COS.sp.625 588)	(48) LY47	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=87 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
	3	fp3pos4 (COS.sp.625 588)	(48) LY47	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=87 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]
Comments: two fp-pos are acceptable												



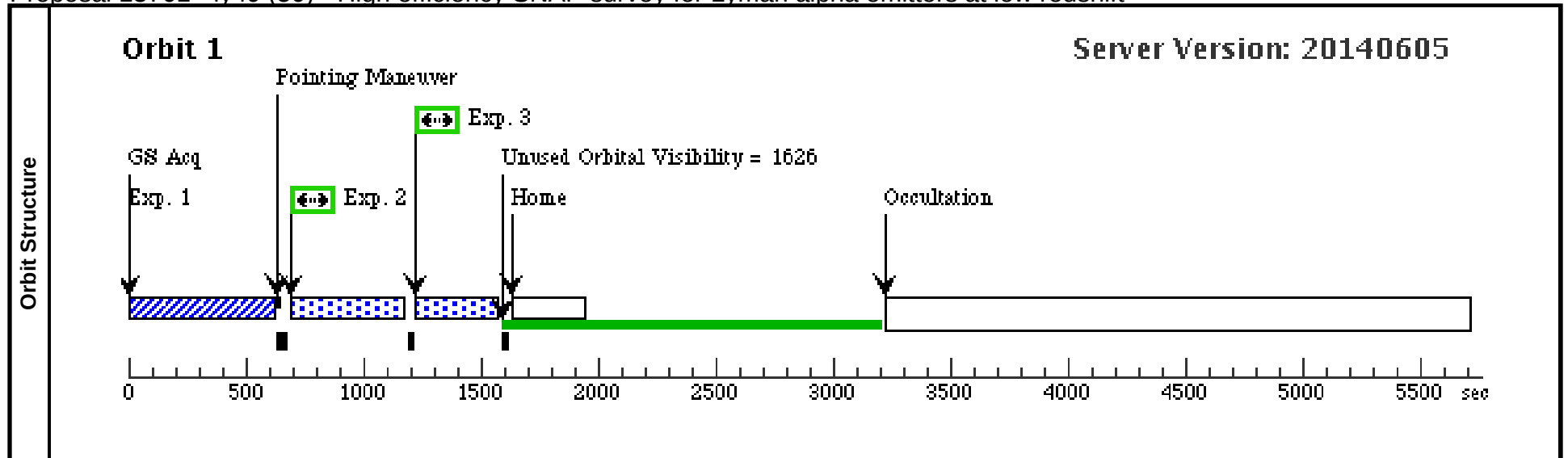
Proposal 13761 - ly48 (49) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly48 (49), scheduling										Thu Feb 12 02:07:57 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly48 (49)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly48 (49)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(49)	LY48	RA: 13 44 32.2000 (206.1341667d) Dec: +22 33 11.11 (22.55309d) Equinox: J2000		Redshift: 0.031		V=16.4 6.72E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 592)	(49) LY48	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs) [>=>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influnce on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution a nd velocity distribution and the intrinsic spectrograph line spread function.										
	This object point like; 100s acceptable.										
	2	fppos3 (COS.sp.625 590)	(49) LY48	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=64 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs) [>=>]		[1]
Comments: two fp-pos are acceptable											
	3	fppos4 (COS.sp.625 590)	(49) LY48	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=64 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [>=>]		[1]
Comments: two fp-pos are acceptable											



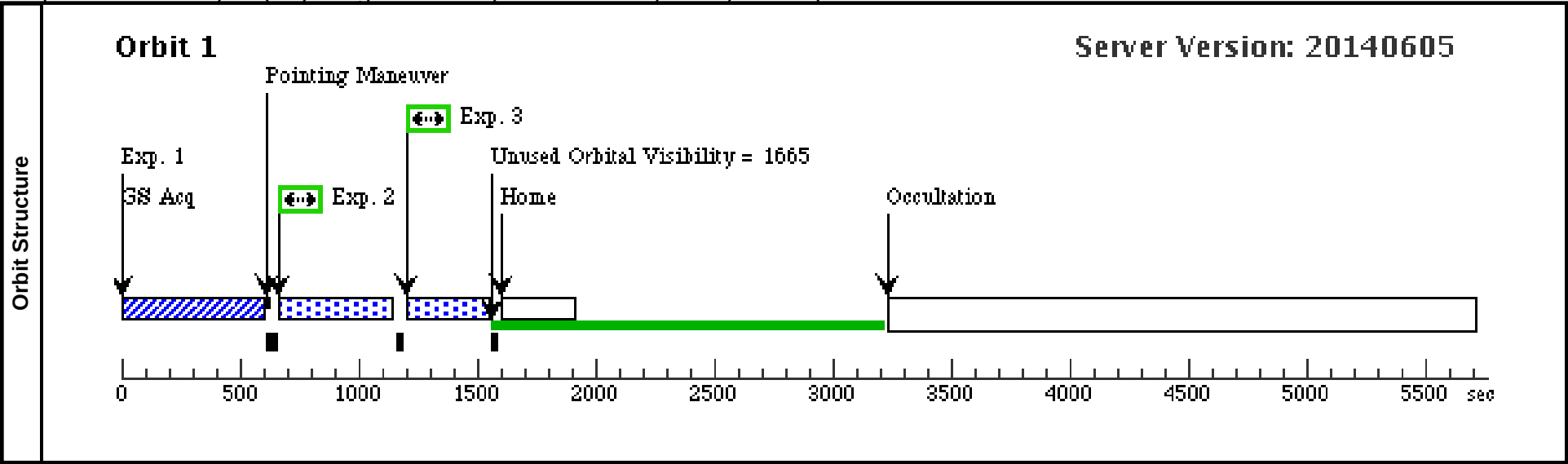
Proposal 13761 - ly49 (50) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly49 (50), scheduling										Thu Feb 12 02:07:57 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly49 (50)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly49 (50)) 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		
	(50)	LY49	RA: 13 45 31.5000 (206.3812500d) Dec: +04 42 32.71 (4.70909d) Equinox: J2000			Redshift: 0.0304		V=17.8 1.76E-15 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.626 151)	(50) LY49	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				100 Secs (100 Secs)		
										[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 3. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	Too bright for mirrora so using mirrorb. Exposure set to 100 sec. Reduced SN in check box ok.											
	2	fp3pos3 (COS.sp.625 595)	(50) LY49	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=50 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
									[==>]		[1]	
Comments: two fp-pos are acceptable												
3	fp3pos4 (COS.sp.625 595)	(50) LY49	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=50 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
									[==>]		[1]	
Comments: two fp-pos are acceptable												



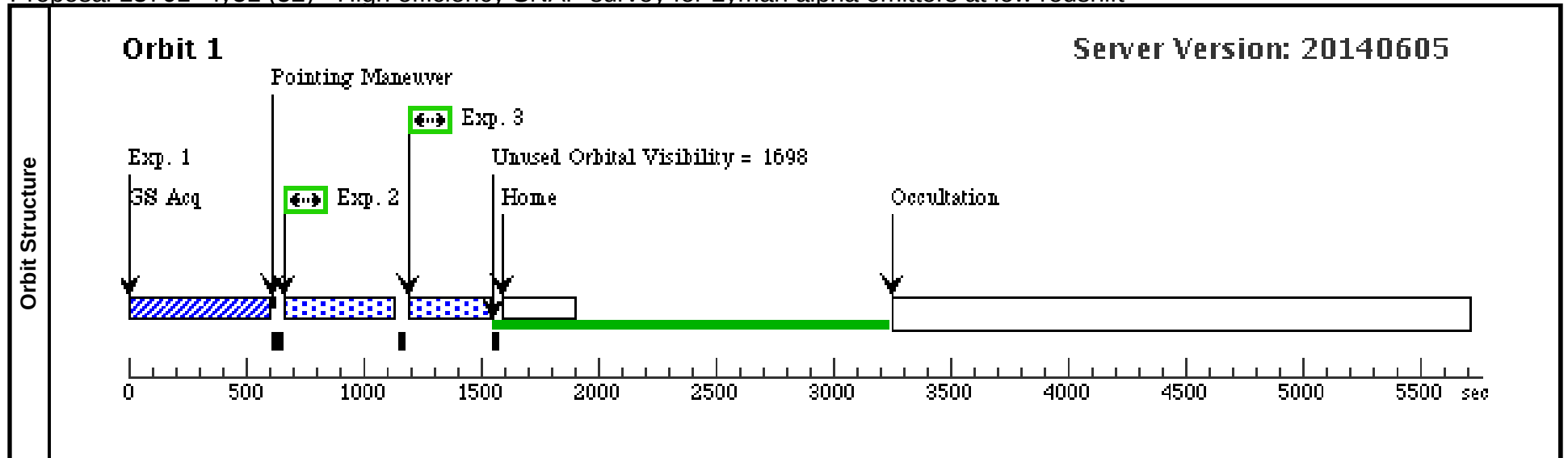
Proposal 13761 - ly50 (51) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly50 (51), scheduling										Thu Feb 12 02:07:57 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly50 (51)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(ly50 (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		
	(51)	LY50	RA: 13 52 41.9300 (208.1747083d) Dec: +20 59 57.12 (20.99920d) Equinox: J2000		Redshift: 0.0283		V=16.9 7.93E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 596)	(51) LY50	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)		
									[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	This object point like; 100s acceptable.										
	2	fp3pos (COS.sp.625 597)	(51) LY50	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=62 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
									[==>]		[1]
Comments: two fp-pos are acceptable											
	3	fp3pos4 (COS.sp.625 597)	(51) LY50	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=62 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)		
									[==>]		[1]
Comments: two fp-pos are acceptable											



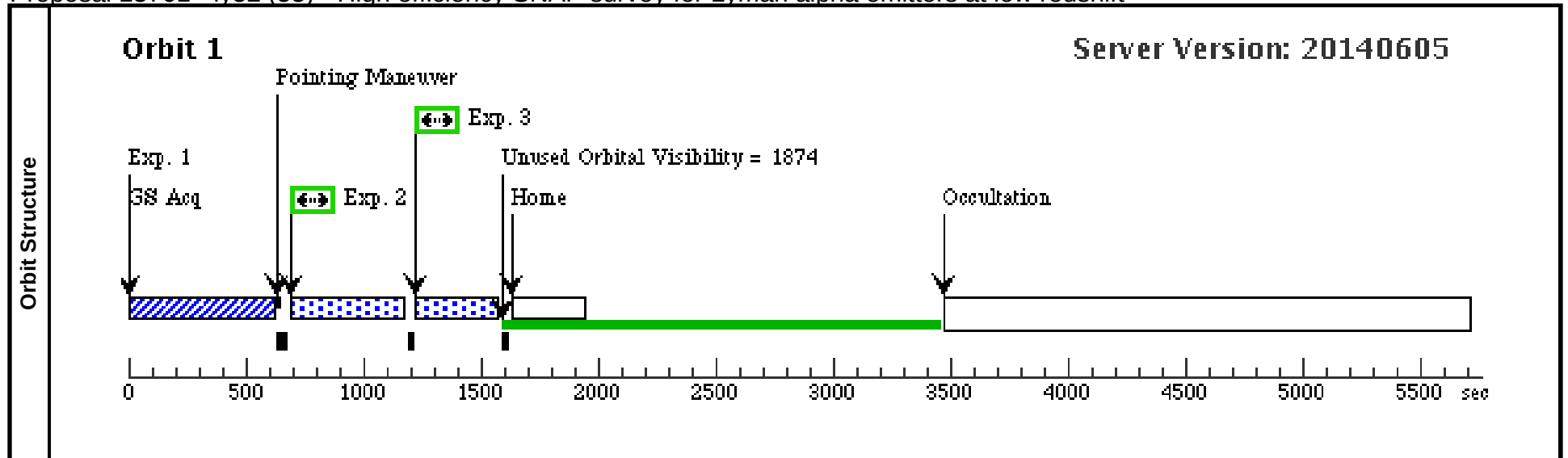
Proposal 13761 - ly51 (52) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly51 (52), scheduling										Thu Feb 12 02:07:57 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly51 (52)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly51 (52)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(52)	LY51	RA: 13 55 33.7500 (208.8906250d) Dec: +32 31 53.11 (32.53142d) Equinox: J2000			Redshift: 0.1666		V=18.1 8.75E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 598)	(52) LY51	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				100 Secs (100 Secs)		
										[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object point like; 100s acceptable.											
	2	fppos3 (COS.sp.625 600)	(52) LY51	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=82 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]		[1]	
Comments: two fp-pos are acceptable												
	3	fppos4 (COS.sp.625 600)	(52) LY51	COS/FUV, TIME-TAG, PSA		G140L 1280 A	BUFFER-TIME=82 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]		[1]	
Comments: two fp-pos are acceptable												



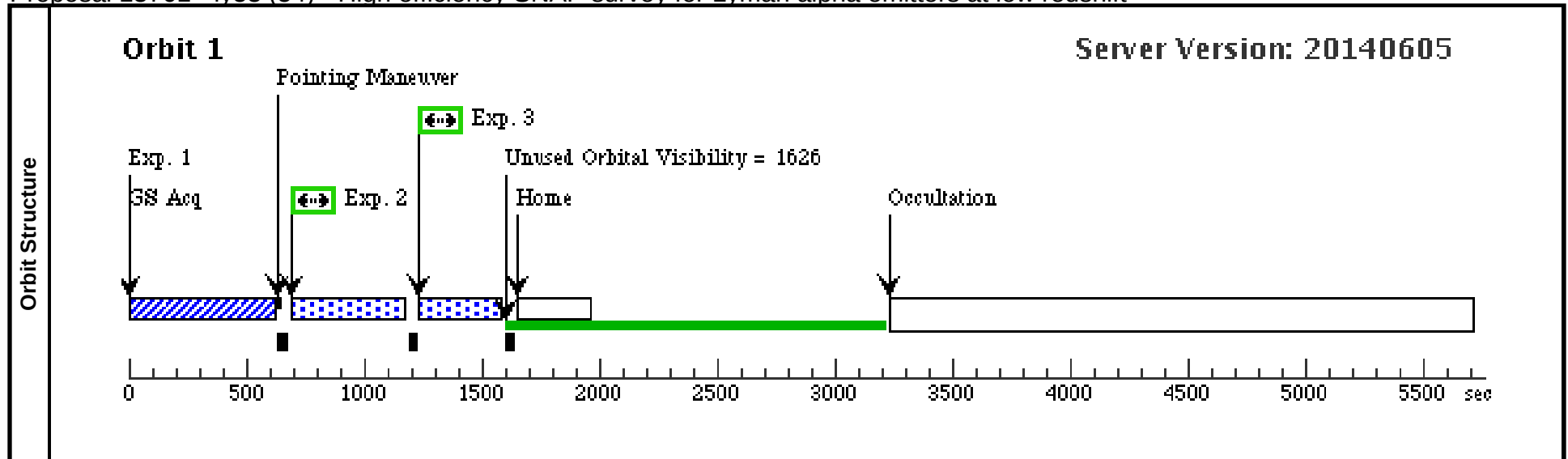
Proposal 13761 - ly52 (53) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly52 (53), scheduled										Thu Feb 12 02:07:57 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly52 (53)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly52 (53)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(53)	LY52	RA: 13 59 50.9200 (209.9621667d) Dec: +57 26 22.97 (57.43971d) Equinox: J2000		Redshift: 0.0339		V=16.4 5.42E-15 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.626 129)	(53) LY52	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100 Secs (100 Secs) [==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 6. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	Too bright for mirrora so using mirrorb. Exposure set to 100 sec. Reduced SN in check box ok.											
	2	fp3pos3 (COS.sp.625 602)	(53) LY52	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=30 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
	3	fp3pos4 (COS.sp.625 602)	(53) LY52	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=30 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [==>]		[1]	
Comments: two fp-pos are acceptable												



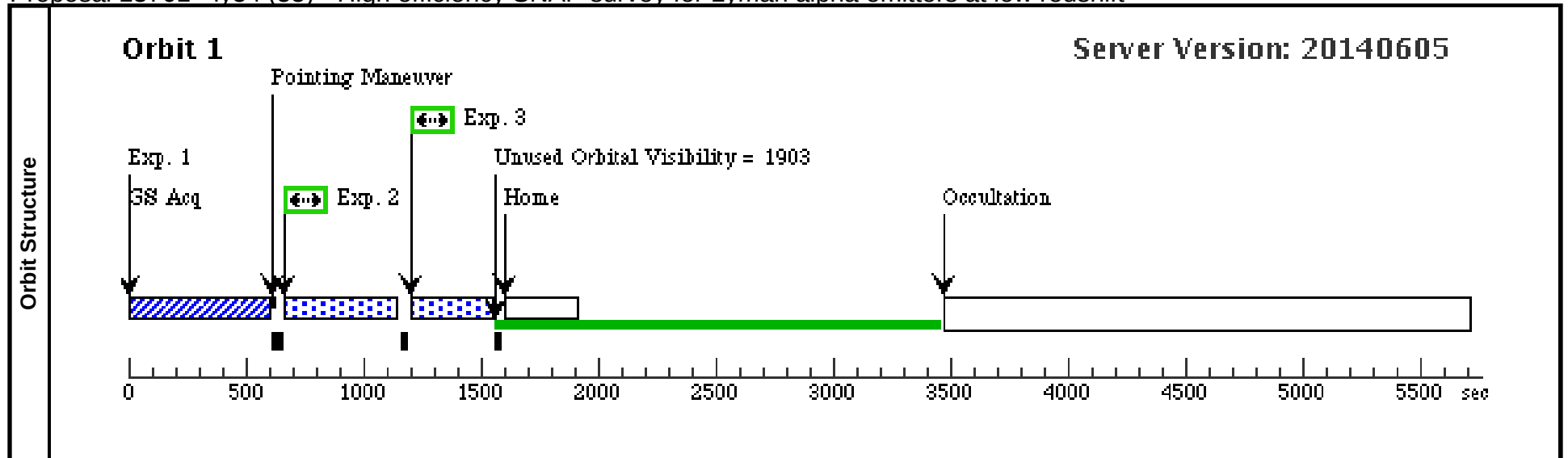
Proposal 13761 - ly53 (54) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly53 (54), scheduling										Thu Feb 12 02:07:58 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly53 (54)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly53 (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		
	(54)	LY53	RA: 14 01 7.1200 (210.2796667d) Dec: +21 14 34.60 (21.24294d) Equinox: J2000			Redshift: 0.0278		V=16.2 4.17E-15 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.626 136)	(54) LY53	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				100 Secs (100 Secs)		
										[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 5. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	Too bright for mirrora so using mirrorb. Exposure set to 100 sec. Reduced SN in check box ok.											
	2	fp3pos3 (COS.sp.625 604)	(54) LY53	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=14 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
									[==>]		[1]	
Comments: two fp-pos are acceptable												
	3	fp3pos4 (COS.sp.625 604)	(54) LY53	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=14 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)		
									[==>]		[1]	
Comments: two fp-pos are acceptable												



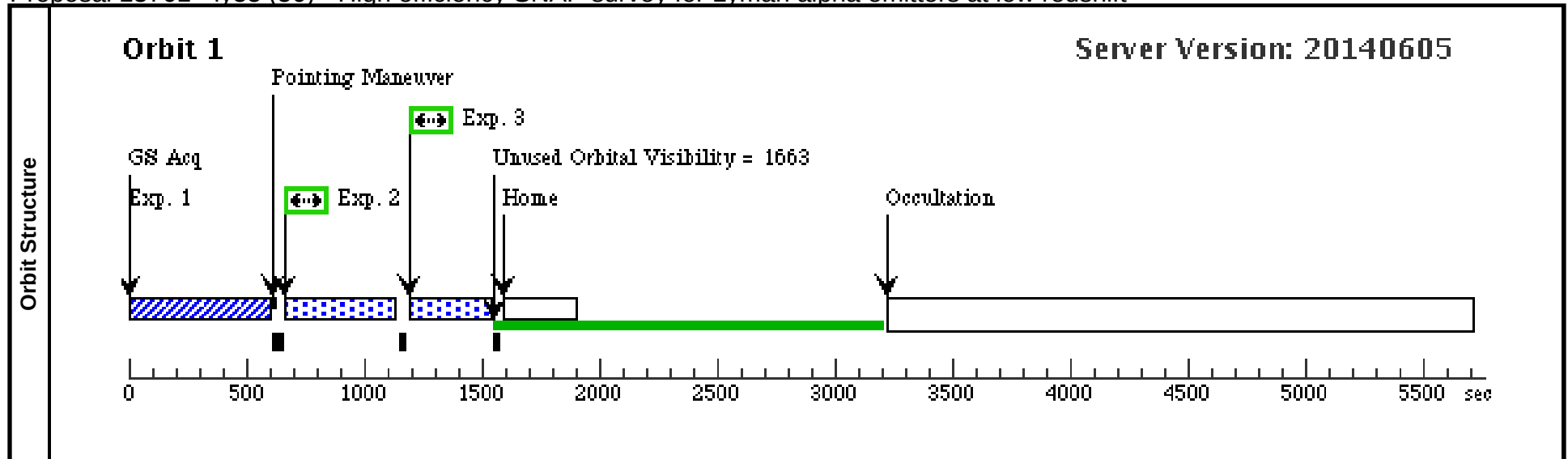
Proposal 13761 - ly54 (55) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly54 (55), completed										Thu Feb 12 02:07:58 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly54 (55)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly54 (55)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(55)	LY54	RA: 14 02 10.5000 (210.5437500d) Dec: +56 36 53.45 (56.61485d) Equinox: J2000		Redshift: 0.0409		V=17.7 5.86E-16 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 606)	(55) LY54	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)			
									[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 6. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object point like; 100s acceptable.											
	2	fppos3 (COS.sp.625 608)	(55) LY54	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=63 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
										[==>]		[1]
Comments: two fp-pos are acceptable												
	3	fppos4 (COS.sp.625 608)	(55) LY54	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=63 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
									[==>]		[1]	
Comments: two fp-pos are acceptable												



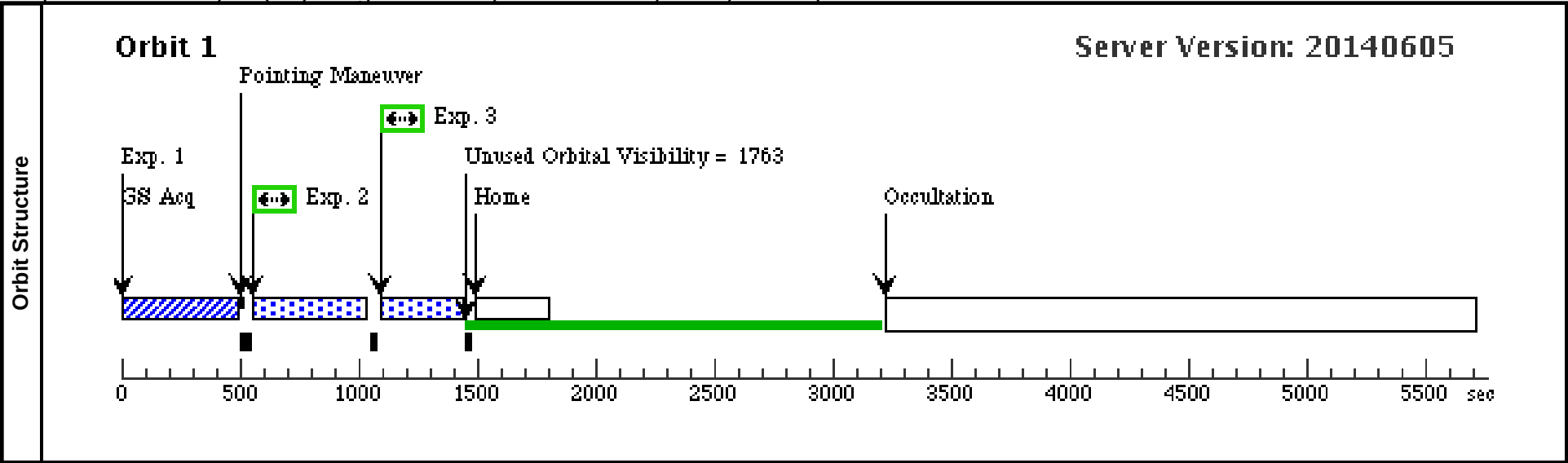
Proposal 13761 - ly55 (56) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly55 (56), scheduling										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly55 (56)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly55 (56)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(56)	LY55	RA: 14 02 52.7500 (210.7197917d) Dec: +07 40 18.78 (7.67188d) Equinox: J2000		Redshift: 0.1607		V=18.1 6.70E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 609)	(56) LY55	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)		
									[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	This object point like; 100s acceptable.										
	2	fppos3 (COS.sp.625 610)	(56) LY55	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=87 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)		
								[==>]		[1]	
Comments: two fp-pos are acceptable											
3	fppos4 (COS.sp.625 610)	(56) LY55	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=87 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)			
								[==>]		[1]	
Comments: two fp-pos are acceptable											



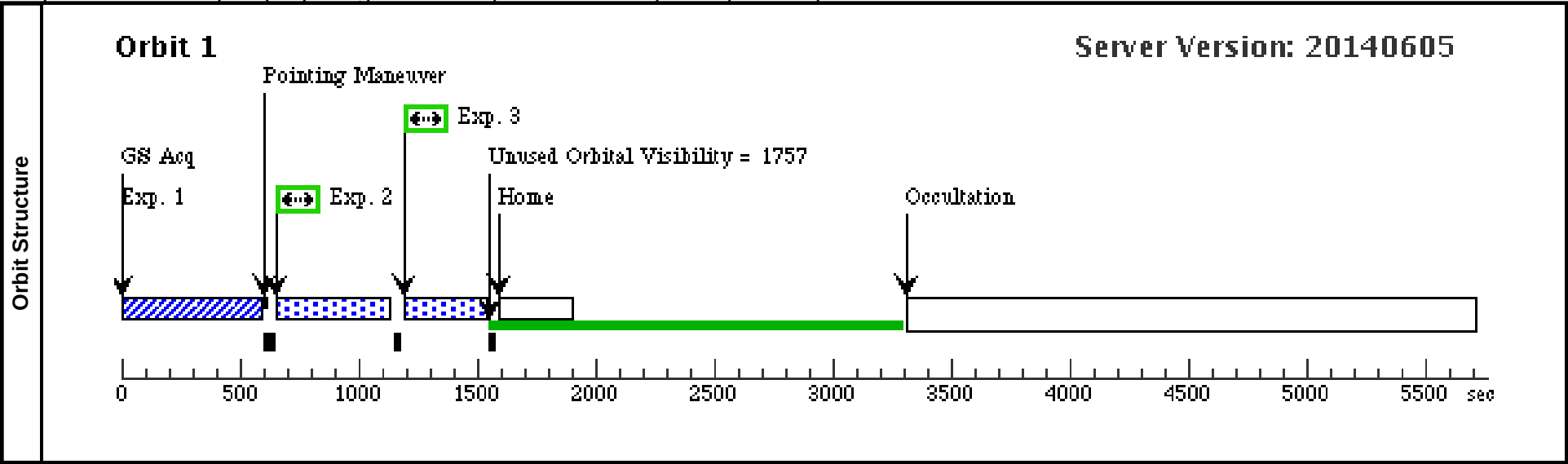
Proposal 13761 - ly56 (57) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly56 (57), scheduling										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly56 (57)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(ly56 (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		
	(57)	LY56	RA: 14 27 14.5500 (216.8106250d) Dec: +00 59 25.22 (.99034d) Equinox: J2000		Redshift: 0.0524		V=16.5 2.06E-15 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	acq/img (COS.ta.625 611)	(57) LY56	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				46 Secs (46 Secs) [==>]	[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos3 (COS.sp.625 612)	(57) LY56	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=45 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs) [==>]	[1]
	Comments: two fp-pos are acceptable										
	3	fppos4 (COS.sp.625 612)	(57) LY56	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=45 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [==>]	[1]
Comments: two fp-pos are acceptable											



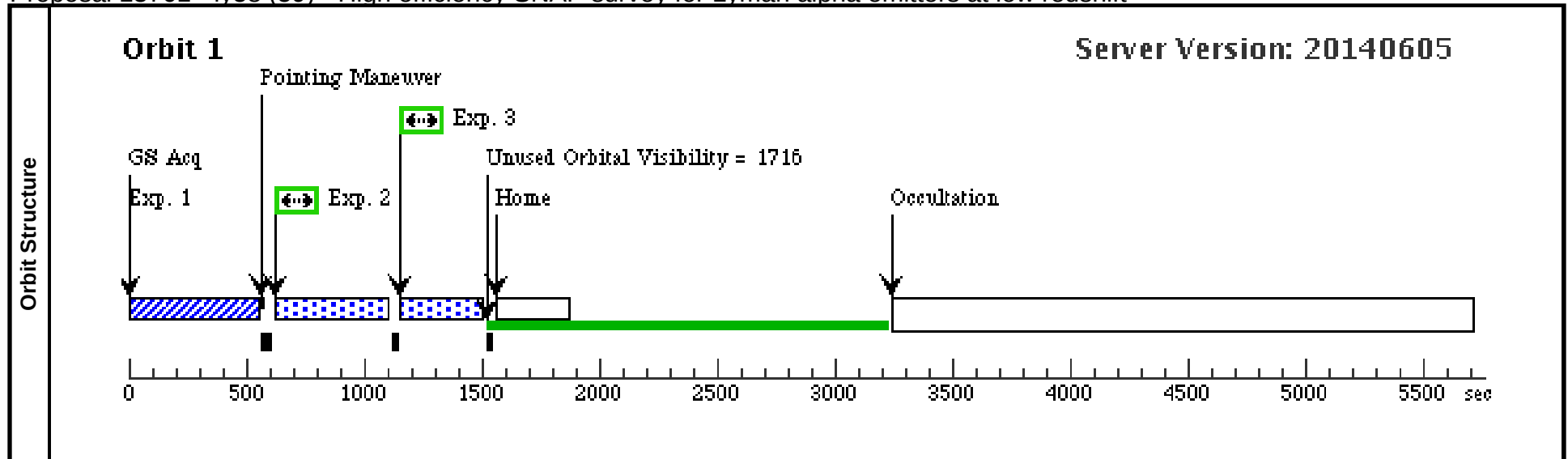
Proposal 13761 - ly57 (58) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly57 (58), completed										Thu Feb 12 02:07:58 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly57 (58)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly57 (58)) 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						
	(58)	LY57	RA: 14 32 16.4800 (218.0686667d) Dec: +40 27 42.92 (40.46192d) Equinox: J2000	Redshift: 0.0225	V=16.5 1.08E-15 Galex1530	Reference Frame: ICRS						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 617)	(58) LY57	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				96 Secs (96 Secs)			
									[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	2	fp3pos (COS.sp.625 620)	(58) LY57	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=51 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
										[==>]		[1]
	Comments: two fp-pos are acceptable											
3	fp3pos4 (COS.sp.625 620)	(58) LY57	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=51 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A				300 Secs (300 Secs)			
									[==>]		[1]	
Comments: two fp-pos are acceptable												



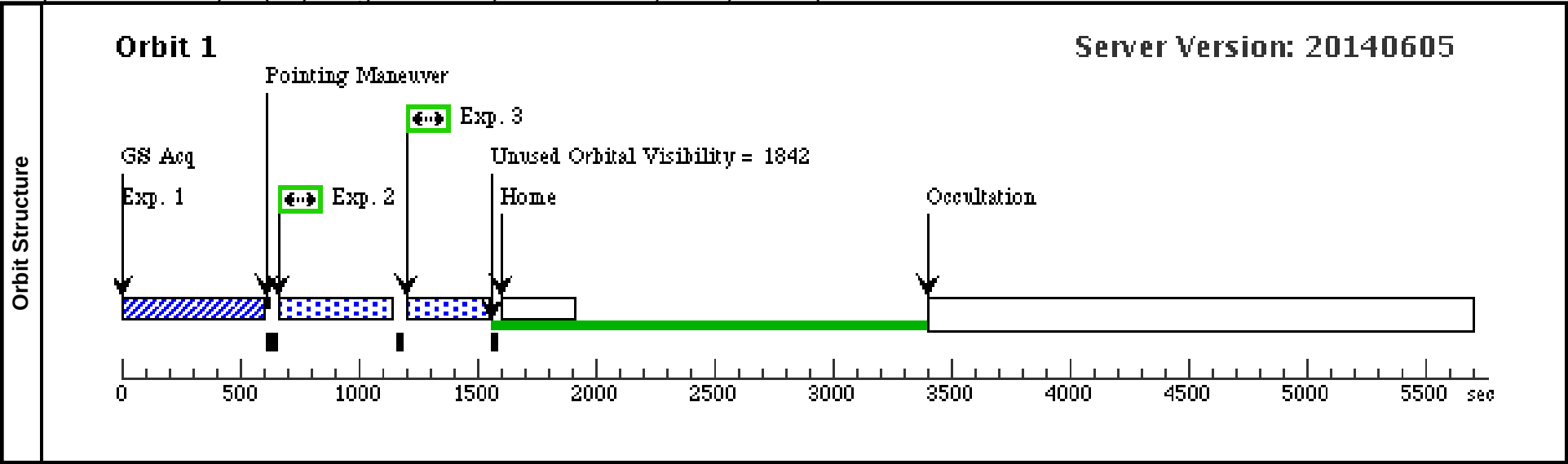
Proposal 13761 - ly58 (59) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly58 (59), scheduling										Thu Feb 12 02:07:58 GMT 2015		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/NUV, COS/FUV												
	Special Requirements: (none)												
Diagnostics	(ly58 (59)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
	(ly58 (59)) 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				
	(59)	LY58	RA: 14 33 45.1400 (218.4380833d) Dec: +26 49 15.21 (26.82089d) Equinox: J2000		Redshift: 0.0384		V=16.4 1.15E-15 Galex1530		Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 621)	(59) LY58	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				79 Secs (79 Secs)			
										[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.												
	2	fppos3 (COS.sp.625 623)	(59) LY58	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=56 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													
	3	fppos4 (COS.sp.625 623)	(59) LY58	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=56 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A				300 Secs (300 Secs)		
											[==>]		[1]
Comments: two fp-pos are acceptable													



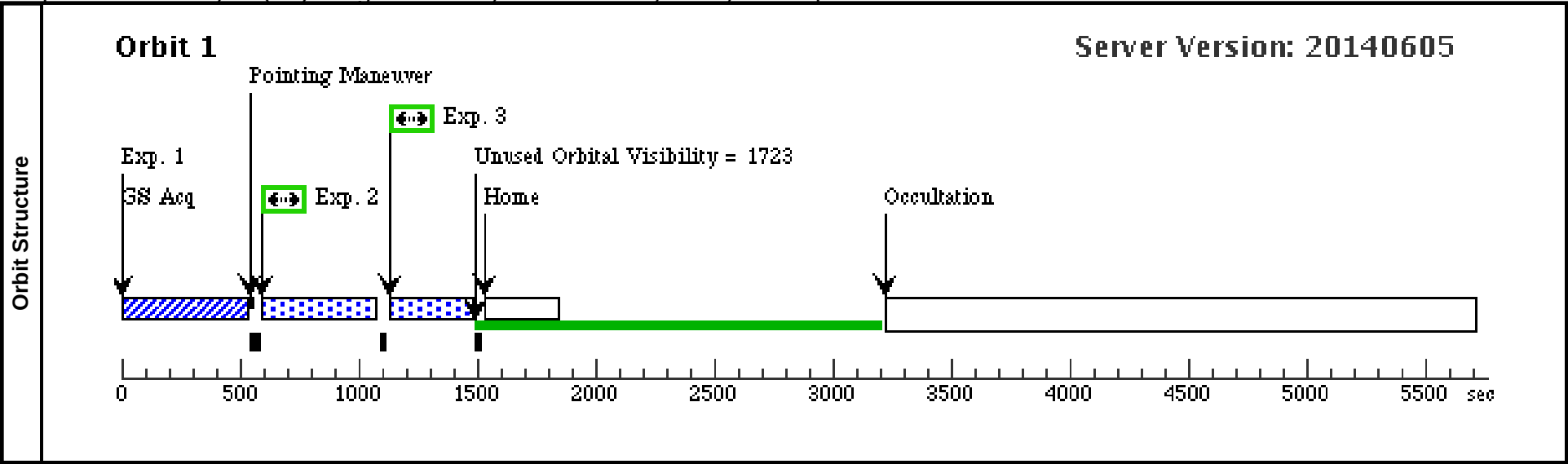
Proposal 13761 - ly59 (60) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly59 (60), completed										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly59 (60)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly59 (60)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(60)	LY59	RA: 14 42 53.5000 (220.7229167d) Dec: +52 36 20.85 (52.60579d) Equinox: J2000		Redshift: 0.0363		V=17.8 5.09E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 624)	(60) LY59	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)		
									[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 6. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	This object point like; 100s acceptable.										
	2	fppos3 (COS.sp.625 625)	(60) LY59	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=65 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
									[==>]		[1]
Comments: two fp-pos are acceptable											
3	fppos4 (COS.sp.625 625)	(60) LY59	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=65 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
									[==>]		[1]
Comments: two fp-pos are acceptable											



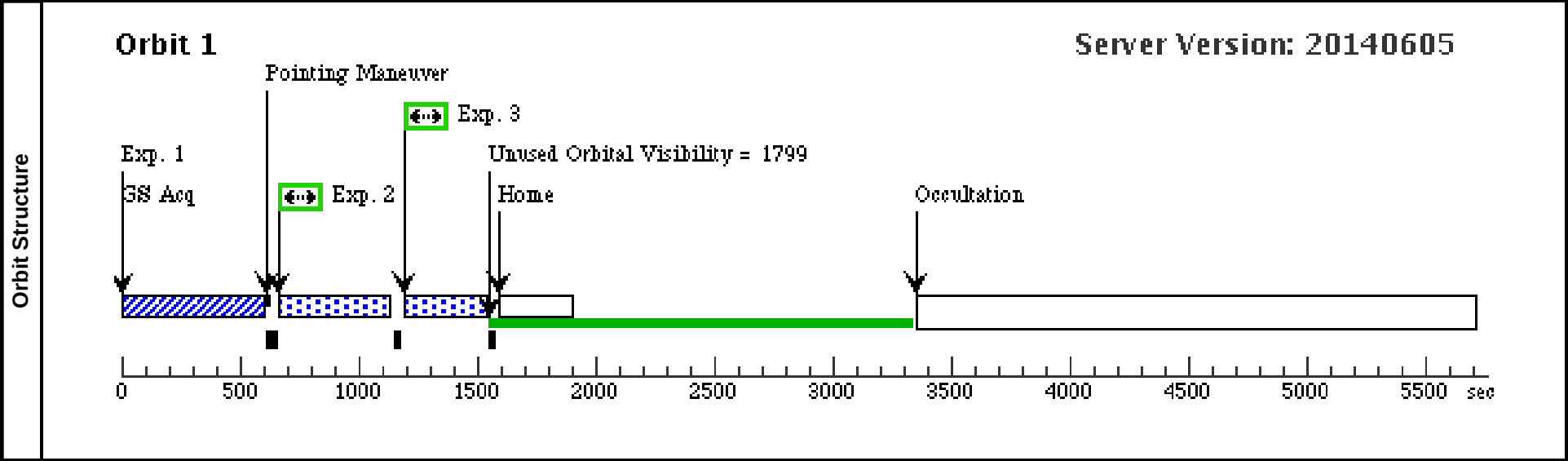
Proposal 13761 - ly60 (61) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly60 (61), scheduling										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly60 (61)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly60 (61)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(61)	LY60	RA: 14 48 5.3800 (222.0224167d) Dec: -01 10 57.72 (-1.18270d) Equinox: J2000	Redshift: 0.0274	V=16.6 1.30E-15 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 626)	(61) LY60	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				66 Secs (66 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fp3pos (COS.sp.625 627)	(61) LY60	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=45 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											
	3	fp3pos4 (COS.sp.625 627)	(61) LY60	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=45 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											



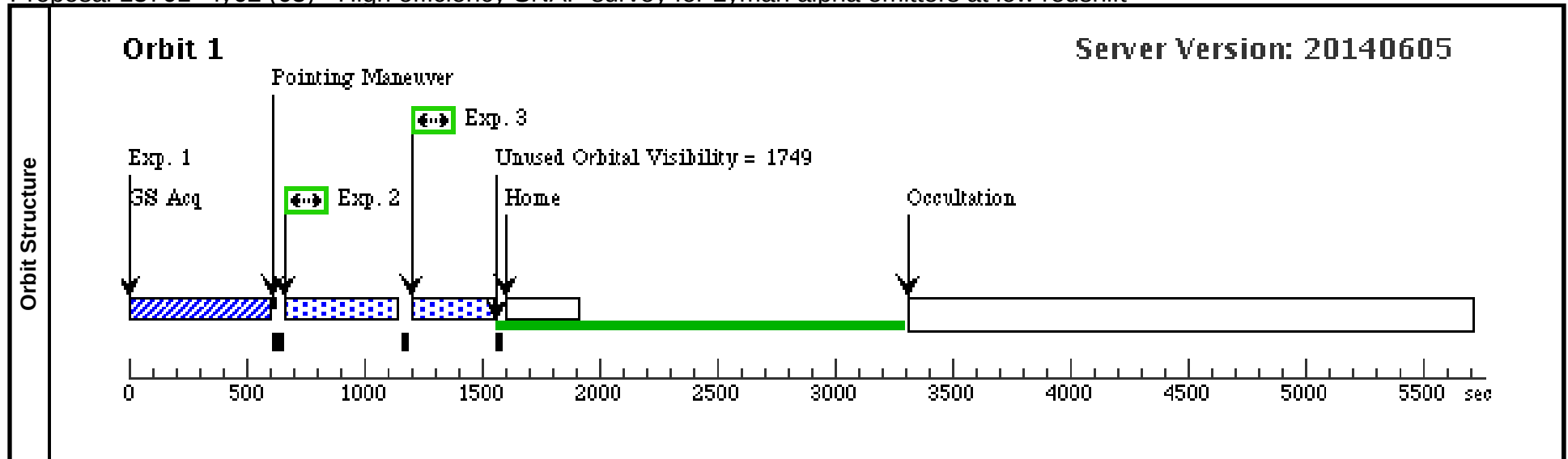
Proposal 13761 - ly61 (62) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly61 (62), scheduling										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly61 (62)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly61 (62)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(62)	LY61	RA: 14 50 56.5900 (222.7357917d) Dec: +48 37 26.28 (48.62397d) Equinox: J2000		Redshift: 0.092		V=18.0 8.28E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 626)	(62) LY61	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 8. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influnce on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution a nd velocity distribution and the intrinsic spectrograph line spread function.										
	This object point like; 100s acceptable.										
	2	fppos3 (COS.sp.625 635)	(62) LY61	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=76 50; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											
	3	fppos4 (COS.sp.625 635)	(62) LY61	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=76 50; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											



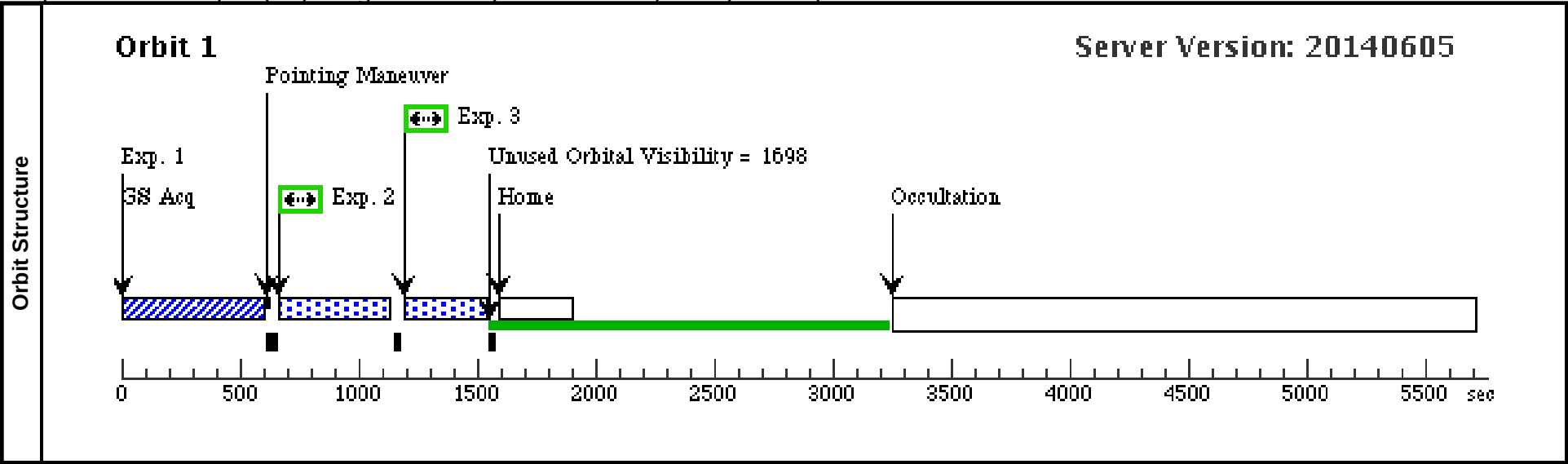
Proposal 13761 - ly62 (63) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly62 (63), scheduling										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly62 (63)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly62 (63)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(63)	LY62	RA: 14 59 13.4700 (224.8061250d) Dec: +44 46 41.97 (44.77832d) Equinox: J2000		Redshift: 0.0379		V=17.4 9.22E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 637)	(63) LY62	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs) [==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 9. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influnce on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution a nd velocity distribution and the intrinsic spectrograph line spread function.										
	This object point like; 100s acceptable.										
	2	fppos3 (COS.sp.625 638)	(63) LY62	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=59 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable										
	3	fppos4 (COS.sp.625 638)	(63) LY62	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=59 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [==>]		[1]
Comments: two fp-pos are acceptable											



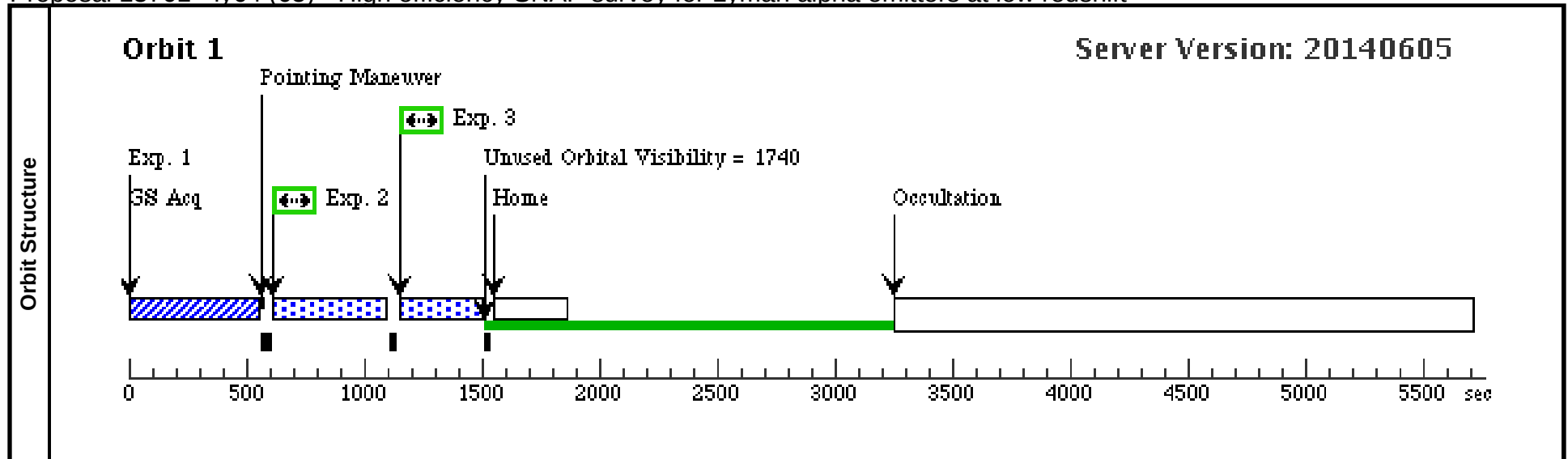
Proposal 13761 - ly63 (64) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly63 (64), scheduling										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly63 (64)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(ly63 (64)) 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					
	(64)	LY63	RA: 15 12 6.3800 (228.0265833d) Dec: +33 30 0.29 (33.50008d) Equinox: J2000	Redshift: 0.0592	V=16.7 8.82E-16 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 639)	(64) LY63	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos3 (COS.sp.625 640)	(64) LY63	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=82 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										
	3	fppos4 (COS.sp.625 640)	(64) LY63	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=82 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										



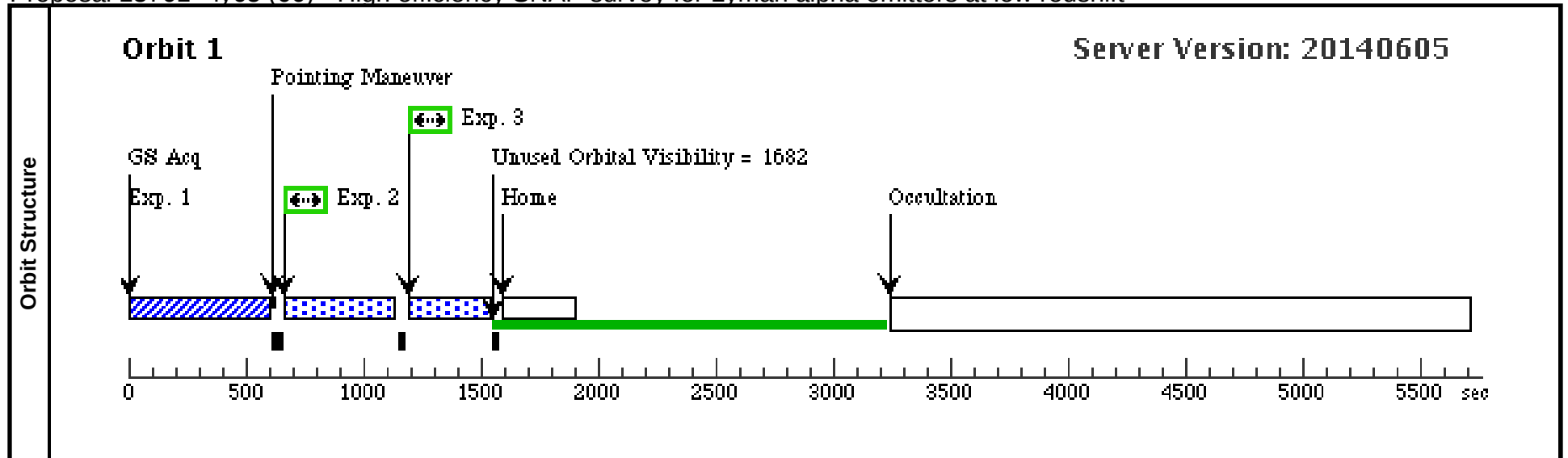
Proposal 13761 - ly64 (65) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly64 (65), scheduling										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly64 (65)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(ly64 (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		
	(65)	LY64	RA: 15 21 42.3000 (230.4262500d) Dec: +34 24 6.47 (34.40180d) Equinox: J2000		Redshift: 0.032		V=16.5 1.21E-15 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	acq/img (COS.ta.625 641)	(65) LY64	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				75 Secs (75 Secs) [==>]	[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos3 (COS.sp.625 642)	(65) LY64	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=56 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs) [==>]	[1]
	Comments: two fp-pos are acceptable										
	3	fppos4 (COS.sp.625 642)	(65) LY64	COS/FUV, TIME-TAG, PSA		G140L 1105 A	BUFFER-TIME=82 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs) [==>]	[1]
Comments: two fp-pos are acceptable											



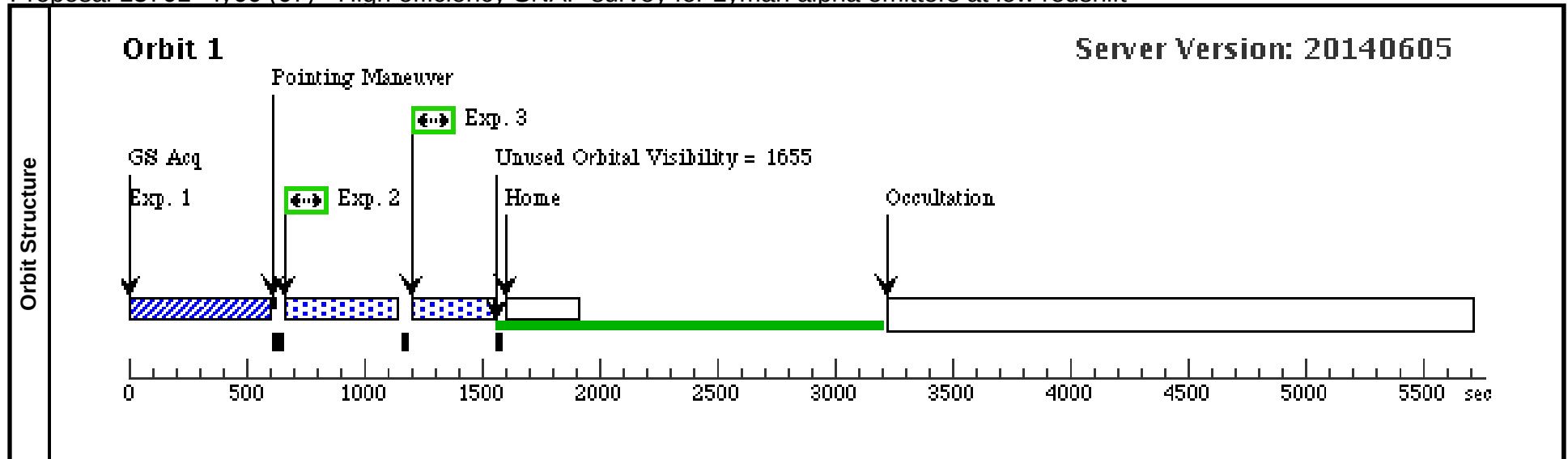
Proposal 13761 - ly65 (66) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly65 (66), scheduling										Thu Feb 12 02:07:58 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly65 (66)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(ly65 (66)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(66)	LY65	RA: 15 23 32.1900 (230.8841250d) Dec: +29 31 12.08 (29.52002d) Equinox: J2000		Redshift: 0.0682		V=18.5 5.13E-16 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 648)	(66) LY65	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs) [==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 6. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	This object point like; 100s acceptable.											
	2	fp3pos3 (COS.sp.625 651)	(66) LY65	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=85 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH				300 Secs (300 Secs) [==>]		[1]
	Comments: two fp-pos are acceptable											
	3	fp3pos4 (COS.sp.625 651)	(66) LY65	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=85 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs) [==>]		[1]	
Comments: two fp-pos are acceptable												



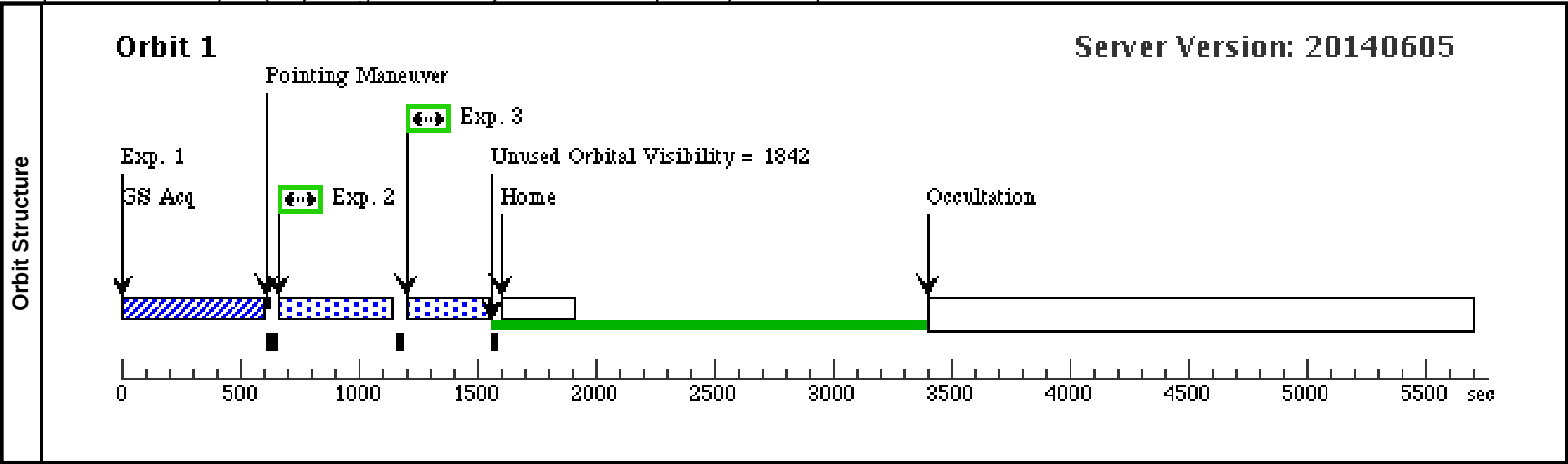
Proposal 13761 - ly66 (67) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly66 (67), scheduling										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly66 (67)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly66 (67)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(67)	LY66	RA: 15 32 44.5200 (233.1855000d) Dec: +06 49 48.11 (6.83003d) Equinox: J2000		Redshift: 0.0378		V=17.4 7.25E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 652)	(67) LY66	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)		
									[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 7. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influnce on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution a nd velocity distribution and the intrinsic spectrograph line spread function.										
	This object point like; 100s acceptable.										
	2	fp3pos (COS.sp.625 656)	(67) LY66	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=59 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
								[==>]		[1]	
Comments: two fp-pos are acceptable											
3	fp3pos4 (COS.sp.625 656)	(67) LY66	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=59 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
								[==>]		[1]	
Comments: two fp-pos are acceptable											



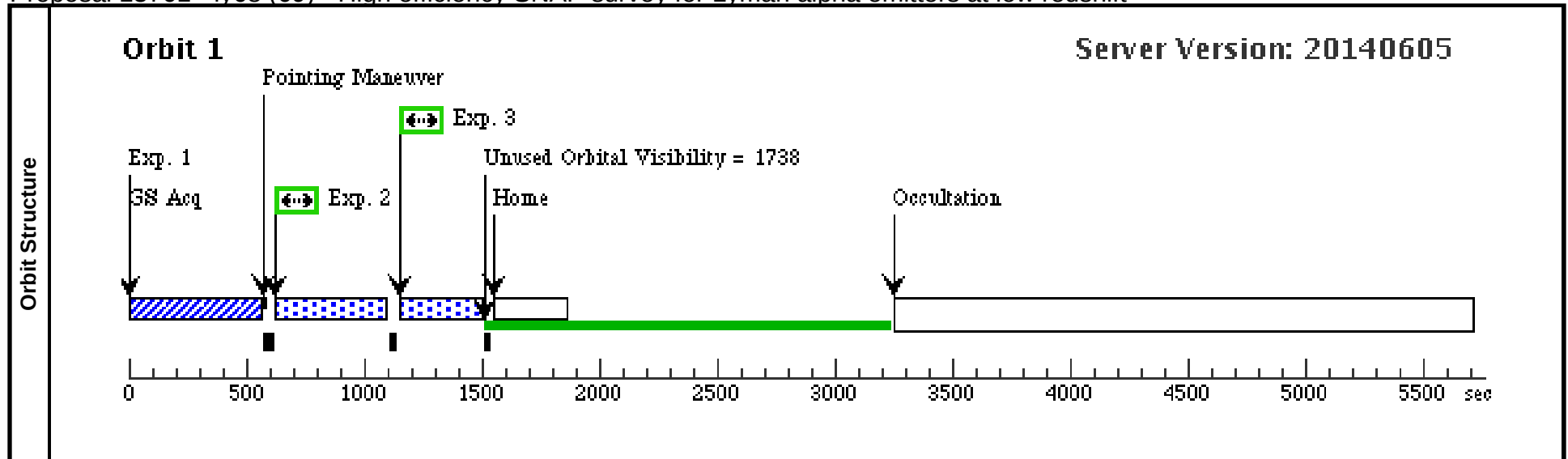
Proposal 13761 - ly67 (68) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly67 (68), completed										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly67 (68)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(ly67 (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		
	(68)	LY67	RA: 15 34 11.6800 (233.5486667d) Dec: +52 18 35.64 (52.30990d) Equinox: J2000		Redshift: 0.0293		V=17.7 5.77E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 660)	(68) LY67	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)		
									[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 6. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	This object point like; 100s acceptable.										
	2	fp3pos (COS.sp.625 663)	(68) LY67	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=64 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
									[==>]		[1]
Comments: two fp-pos are acceptable											
3	fp3pos4 (COS.sp.625 663)	(68) LY67	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=64 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)			
									[==>]		[1]
Comments: two fp-pos are acceptable											



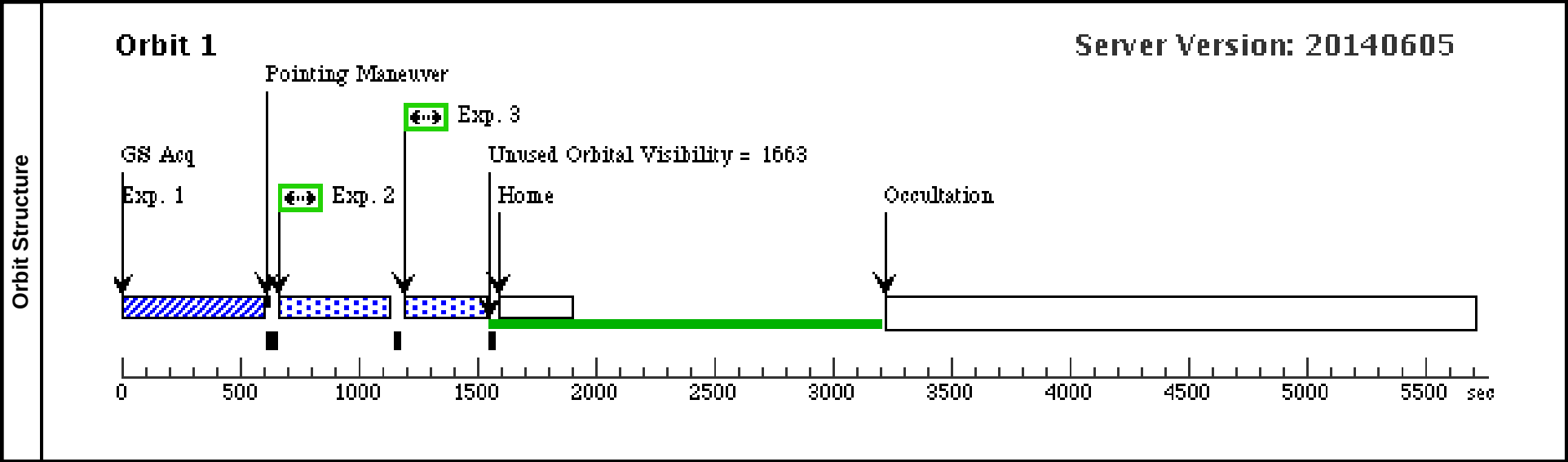
Proposal 13761 - ly68 (69) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly68 (69), completed										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly68 (69)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly68 (69)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(69)	LY68	RA: 15 34 24.5600 (233.6023333d) Dec: +34 53 53.98 (34.89833d) Equinox: J2000	Redshift: 0.0573	V=16.6 1.12E-15 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 673)	(69) LY68	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				80 Secs (80 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fp3pos (COS.sp.625 674)	(69) LY68	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=79 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											
	3	fp3pos (COS.sp.625 674)	(69) LY68	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=79 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											



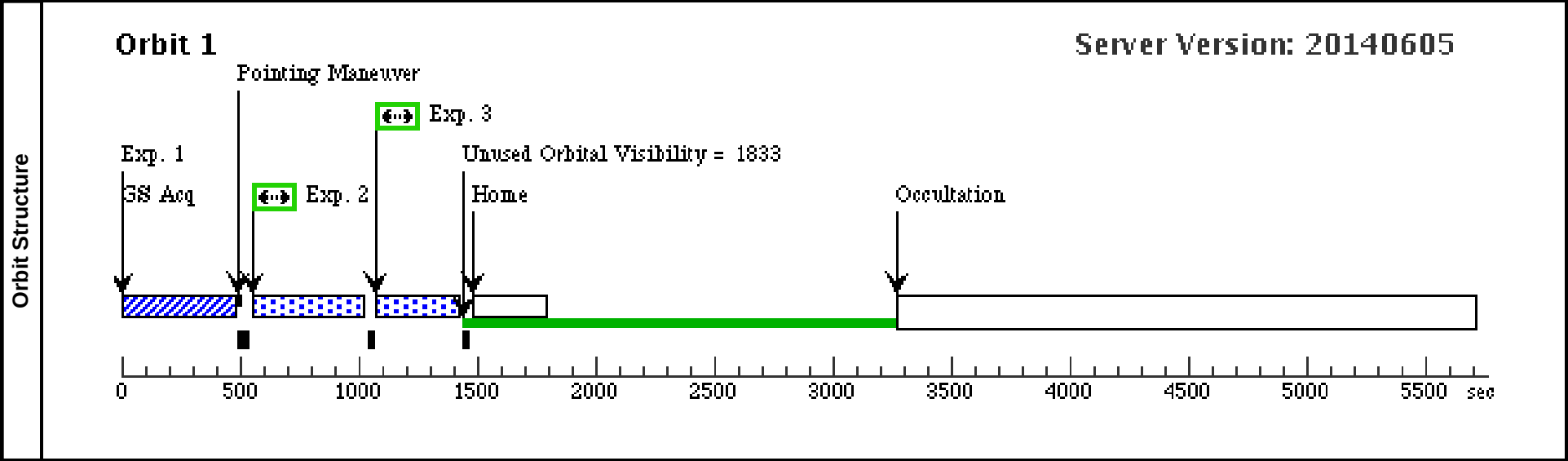
Proposal 13761 - ly69 (70) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly69 (70), scheduling										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly69 (70)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly69 (70)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(70)	LY69	RA: 15 39 0.1200 (234.7505000d) Dec: +01 47 19.57 (1.78877d) Equinox: J2000		Redshift: 0.1005		V=16.8 5.54E-16 Galex1530		Reference Frame: ICRS		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	acq/img (COS.ta.625 676)	(70) LY69	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)		
									[==>]		[1]
	Comments: Good coordinates, but extended objects. SN in checkbox set to 7. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. Mirror A weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Lya line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	This object point like; 100s acceptable.										
	2	fppos3 (COS.sp.625 677)	(70) LY69	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH				300 Secs (300 Secs)	
									[==>]		[1]
Comments: two fp-pos are acceptable											
	3	fppos4 (COS.sp.625 677)	(70) LY69	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]		[1]
Comments: two fp-pos are acceptable											



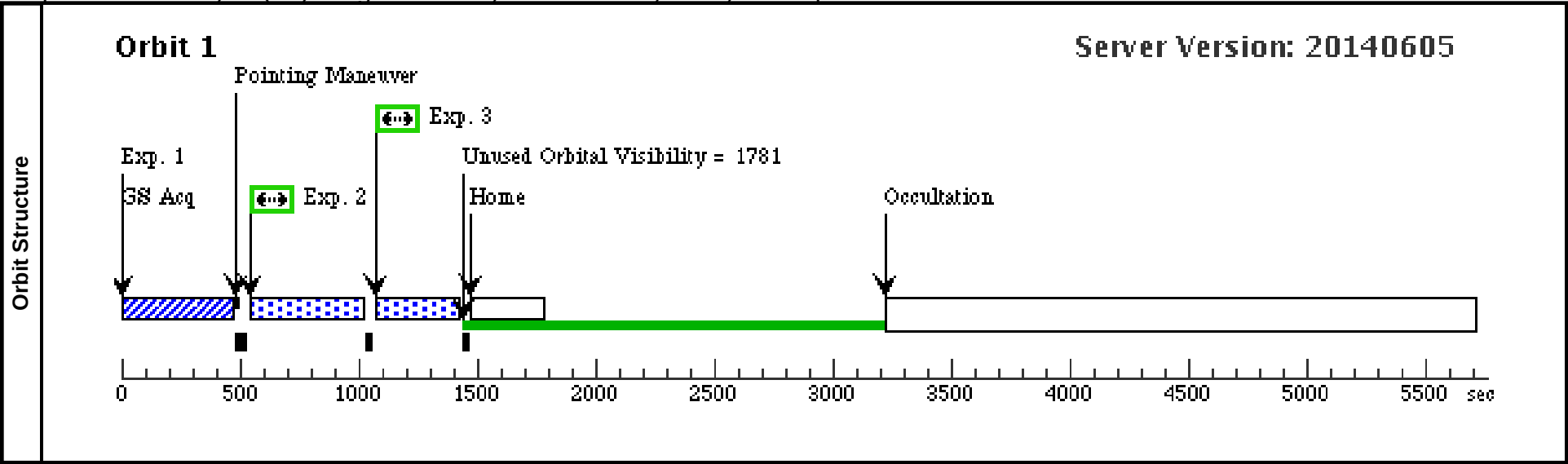
Proposal 13761 - ly70 (71) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly70 (71), scheduling										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly70 (71)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(ly70 (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					
	(71)	LY70	RA: 15 43 52.4400 (235.9685000d) Dec: +39 48 28.57 (39.80794d) Equinox: J2000	Redshift: 0.0949	V=17.3 1.96E-15 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 678)	(71) LY70	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				43 Secs (43 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos3 (COS.sp.625 681)	(71) LY70	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=67 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											
	3	fppos4 (COS.sp.625 681)	(71) LY70	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=67 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											



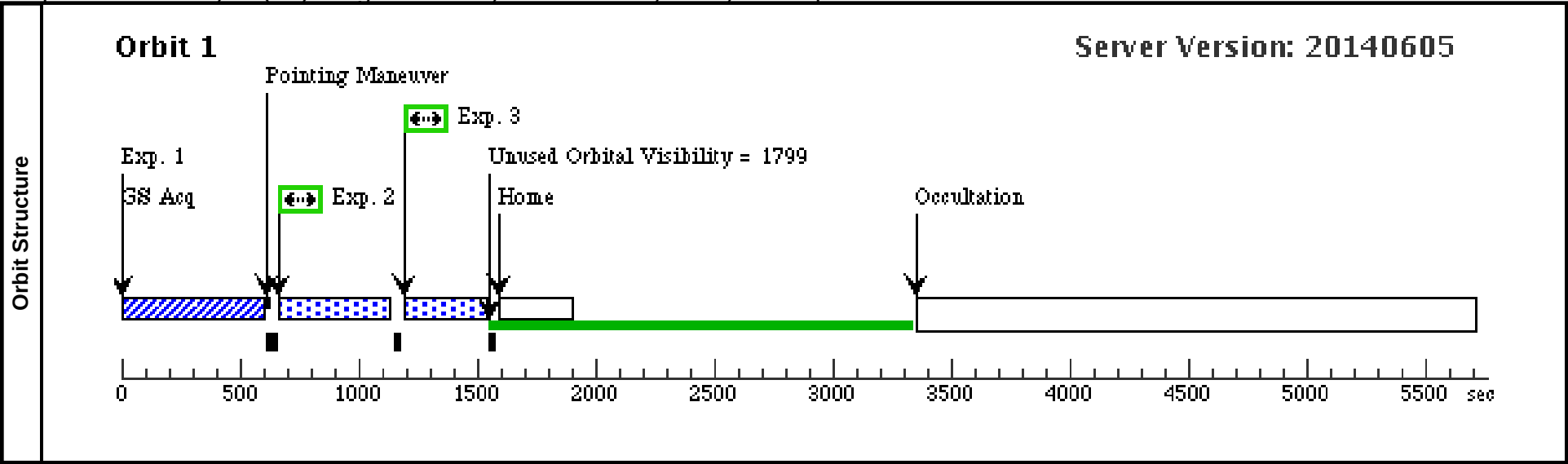
Proposal 13761 - ly71 (72) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly71 (72), scheduling										Thu Feb 12 02:07:58 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly71 (72)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly71 (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			
	(72)	LY71	RA: 15 45 43.5500 (236.4314583d) Dec: +08 58 1.35 (8.96704d) Equinox: J2000		Redshift: 0.0379		V=17.3 3.03E-15 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 688)	(72) LY71	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				37 Secs (37 Secs)			
									[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	2	fp3pos (COS.sp.625 689)	(72) LY71	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=3100; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A				300 Secs (300 Secs)		
										[==>]		[1]
Comments: two fp-pos are acceptable												
	3	fp3pos (COS.sp.625 689)	(72) LY71	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=3100; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A				300 Secs (300 Secs)		
										[==>]		[1]
Comments: two fp-pos are acceptable												



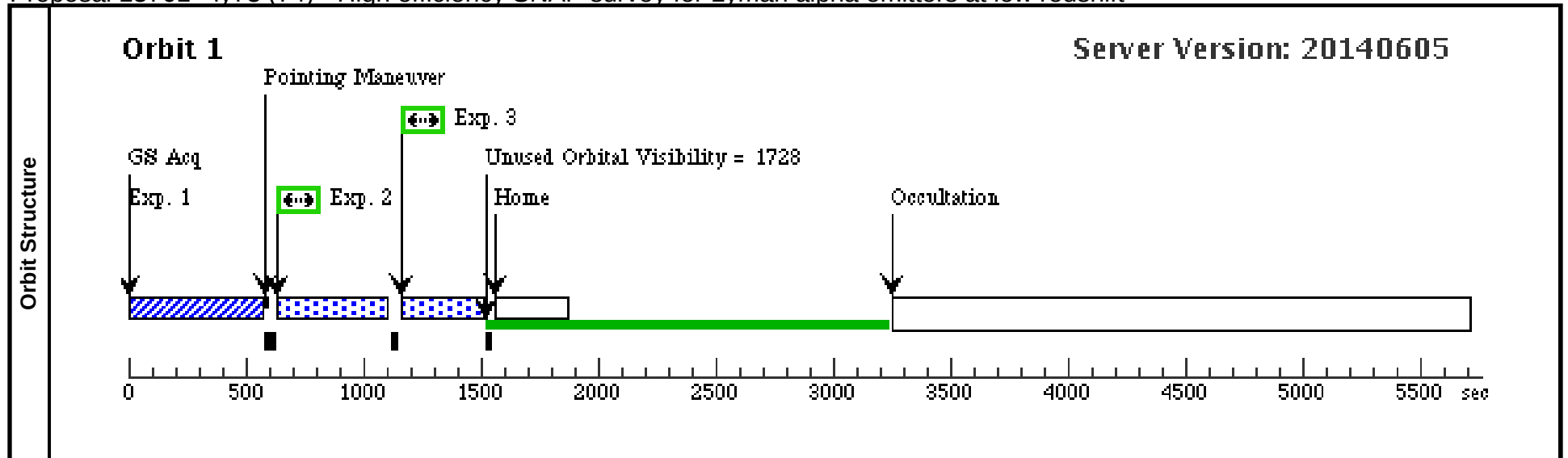
Proposal 13761 - ly72 (73) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly72 (73), scheduling										Thu Feb 12 02:07:58 GMT 2015	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Diagnostics	(ly72 (73)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(ly72 (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			
	(73)	LY72	RA: 15 51 10.1400 (237.7922500d) Dec: +46 21 39.52 (46.36098d) Equinox: J2000		Redshift: 0.0976		V=17.9 1.10E-15 Galex1530		Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	acq/img (COS.ta.625 692)	(73) LY72	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				100 Secs (100 Secs)			
									[==>]		[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.											
	2	fp3pos (COS.sp.625 693)	(73) LY72	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=8100; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH				300 Secs (300 Secs)		
										[==>]		[1]
Comments: two fp-pos are acceptable												
	3	fp3pos4 (COS.sp.625 693)	(73) LY72	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=8100; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)			
									[==>]		[1]	
Comments: two fp-pos are acceptable												



Proposal 13761 - ly73 (74) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly73 (74), scheduling										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly73 (74)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(ly73 (74)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(74)	LY73	RA: 15 56 23.3100 (239.0971250d) Dec: +30 04 43.44 (30.07873d) Equinox: J2000	Redshift: 0.1208	V=16.7 1.01E-15 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 695)	(74) LY73	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				85 Secs (85 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fp3pos (COS.sp.625 698)	(74) LY73	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=7600; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										
	3	fp3pos (COS.sp.625 698)	(74) LY73	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=7600; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=BOTH			300 Secs (300 Secs)		
									[==>]	[1]	
	Comments: two fp-pos are acceptable										



Proposal 13761 - ly74 (75) - High efficiency SNAP survey for Lyman alpha emitters at low redshift

Visit	Proposal 13761, ly74 (75), completed										Thu Feb 12 02:07:58 GMT 2015
	Diagnostic Status: Warning										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Diagnostics	(ly74 (75)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(ly74 (75)) 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					
	(75)	LY74	RA: 17 03 5.0900 (255.7712083d) Dec: +25 31 47.64 (25.52990d) Equinox: J2000	Redshift: 0.0315	V=16.4 9.66E-16 Galex1530	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	acq/img (COS.ta.625 701)	(75) LY74	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				93 Secs (93 Secs)		
									[==>]	[1]	
	Comments: Good coordinates, but extended objects. SN in checkbox set to 10. Acq/img will latch onto "first" brightest knot and center, resulting shift from less than recommended checkbox S/N is acceptable. MirrorA weighed image of second exposure will be used to assess spatial distribution of flux in aperture and its influence on Ly α line profile. Resulting profile in G140L will be convolution of the source spatial distribution and velocity distribution and the intrinsic spectrograph line spread function.										
	2	fppos3 (COS.sp.625 704)	(75) LY74	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=58 00; EXTENDED=YES; FLASH=YES; FP-POS=3; SEGMENT=A			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											
	3	fppos4 (COS.sp.625 704)	(75) LY74	COS/FUV, TIME-TAG, PSA	G140L 1105 A	BUFFER-TIME=58 00; EXTENDED=YES; FLASH=YES; FP-POS=4; SEGMENT=A			300 Secs (300 Secs)		
									[==>]	[1]	
Comments: two fp-pos are acceptable											

