



13346 - Advanced Spectral Library II: Hot Stars

Cycle: 21, Proposal Category: GO

(UV Initiative, Treasury, Large Program)

(Availability Mode: AVAILABLE)

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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>
A0	(1) HD-93129A	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:04:15.0	yes
A1	(1) HD-93129A	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:04:31.0	yes
B0	(2) ZET-PUP	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:04:45.0	yes
B1	(2) ZET-PUP	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:04:58.0	yes
C0	(3) HD-46223	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:05:11.0	yes
C1	(3) HD-46223	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:05:24.0	yes

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D0	(4) HD-101190	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:05:41.0	yes
D1	(4) HD-101190	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:05:54.0	yes
E0	(5) HD-46202	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:06:06.0	yes
E1	(5) HD-46202	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:06:17.0	yes
F0	(6) UPS-ORI	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:06:32.0	yes
F1	(6) UPS-ORI	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:06:48.0	yes
F2	(6) UPS-ORI	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:07:04.0	yes
G0	(7) HR-1886	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:07:24.0	yes
G1	(7) HR-1886	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:07:40.0	yes

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G2	(7) HR-1886	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:07:55.0	yes
H0	(8) SIG-ORI-E	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:08:12.0	yes
H1	(8) SIG-ORI-E	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:08:28.0	yes
H2	(8) SIG-ORI-E	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:08:43.0	yes
H3	(8) SIG-ORI-E	STIS/CCD STIS/NUV-MAMA	1	16-Mar-2014 21:08:51.0	yes
I0	(9) HR-1840	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:09:03.0	yes
I1	(9) HR-1840	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:09:22.0	yes
I2	(9) HR-1840	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:09:38.0	yes
J0	(10) EPS-CMA	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:09:54.0	yes
J1	(10) EPS-CMA	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:10:09.0	yes

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J2	(10) EPS-CMA	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:10:22.0	yes
J3	(10) EPS-CMA	STIS/CCD STIS/NUV-MAMA	3	16-Mar-2014 21:10:34.0	yes
K0	(11) IOT-HER	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:10:52.0	yes
K1	(11) IOT-HER	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:11:08.0	yes
K2	(11) IOT-HER	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:11:23.0	yes
L0	(12) 3-CEN-A	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:11:38.0	yes
L1	(12) 3-CEN-A	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:11:53.0	yes
L2	(12) 3-CEN-A	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:12:07.0	yes
M0	(13) XI-OCT	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:12:22.0	yes
M1	(13) XI-OCT	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:12:41.0	yes

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M2	(13) XI-OCT	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:12:56.0	yes
N0	(14) 41-ARI	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:13:11.0	yes
N1	(14) 41-ARI	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:13:28.0	yes
N2	(14) 41-ARI	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:13:42.0	yes
O0	(15) ALP-LEO	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:14:01.0	yes
O1	(15) ALP-LEO	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:14:17.0	yes
O2	(15) ALP-LEO	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:14:30.0	yes
O3	(15) ALP-LEO	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	16-Mar-2014 21:14:42.0	yes
P0	(16) HR-465	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:14:56.0	yes

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P1	(16) HR-465	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:15:12.0	yes
P2	(16) HR-465	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:15:27.0	yes
Q0	(17) HR-7143	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:15:46.0	yes
Q1	(17) HR-7143	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:16:02.0	yes
Q3	(17) HR-7143	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:16:18.0	yes
Q2	(17) HR-7143	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:16:33.0	yes
R0	(18) GAM-LYR	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:16:49.0	yes
R1	(18) GAM-LYR	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:17:04.0	yes
R2	(18) GAM-LYR	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:17:22.0	yes

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S0	(19) ALP-LYR	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:17:39.0	yes
S1	(19) ALP-LYR	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:17:54.0	yes
S2	(19) ALP-LYR	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:18:10.0	yes
S3	(19) ALP-LYR	STIS/CCD STIS/NUV-MAMA	4	16-Mar-2014 21:18:26.0	yes
T0	(20) ALP-CMA	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:18:42.0	yes
T1	(20) ALP-CMA	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:19:02.0	yes
T2	(20) ALP-CMA	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:19:18.0	yes
U0	(21) HR-6000	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:19:34.0	yes
U1	(21) HR-6000	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:19:50.0	yes
U2	(21) HR-6000	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	16-Mar-2014 21:20:05.0	yes

235 Total Orbits Used

ABSTRACT

Stars are the bright matter of the Universe. Without them, it would be a dull and dreary place indeed: no light, no heavy elements, no planets, no life. It also is safe to say that stellar spectroscopy is a cornerstone of astrophysics, providing much of what we know concerning temperatures and masses of stars, their compositions, planets, and the dynamics and evolution of the galaxies they inhabit. This is especially true for the satellite ultraviolet, owing to the rich collection of atomic and ionic transitions found there. Unfortunately, the archive of Space Telescope Imaging Spectrograph rarely achieves the high S/N of the best ground-based spectra, and relatively few objects have the full wavelength coverage for which the powerful, highly multiplexed, second generation Hubble instrument was designed. Our aim is to collect STIS UV echelle spectra -- comparable in S/N and resolution to the best ground-based material -- for a diverse sample of representative stars, to build an Advanced Spectral Library; a foundation for astrophysical exploration: stellar, interstellar, and beyond. Our first effort, in Cycle 18, involved cool stars. Now we turn attention to the hot side of the H-R diagram.

Our Treasury program will provide detailed stellar "atlases," based on advanced processing of the STIS echellegrams. Members of our broad collaboration will analyze these data for specific purposes, such as dynamics of O-star mass-loss; detection of rare species in sharp-lined B stars; and properties and kinematics of local interstellar clouds; but public release (based on the "ASTRAL-I" model) will enable many other investigations by a much wider community, for decades to come.

OBSERVING DESCRIPTION

The ASTRAL HOT STARS Project: Observing Procedures

This is a summary of the observing strategies for "ASTRAL HOT STARS," a Cycle-21 STIS Treasury Project devoted to high resolution, high-S/N, full coverage UV echelle "atlases" of 21 early-type stars. The procedures closely follow those developed for the earlier Cycle-18 "ASTRAL COOL STARS" project, which focused on late-type stars.

The observing plan was developed with three goals in mind: (1) accurate relative photometry throughout the 115-310 nm region; (2) accurate relative and absolute wavelength scales; and (3) the highest feasible S/N at the highest echelle resolution practical for each object. The observing strategy was

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designed to achieve these objectives in a number of redundant ways, which on the surface do not appear to aspire to the highest possible instrumental efficiency, but are necessary for reasons described below. A side benefit of the strategy is the ability to crudely track the spectral emission state of each target over whatever period of time is encompassed by the 2-4 independent "visits" (each 3-4 orbits in duration).

The observing plan is fully documented in the Phase II program, and only highlights of the guiding philosophies are described here.

1. The Targets

The targets all are UV-bright hot stars chosen to broadly represent the O-B-A spectral types, as well as key subclasses such as Am or Ap stars. The targets include iconic Sirius, Vega, and Regulus, as well as historically significant objects like Zeta Puppis. Most of these continuum-dominated targets are UV-bright enough to trigger MAMA global count rate limits with the default clear apertures, and thus require use of one of the supported ND-filtered slits (ND2 and ND3), supplemented by the unsupported -- but available -- intermediate ND tall slits (31x0.05NDA,B,C). Transmission curves have been derived recently for these intermediate-ND slits in a Cycle 19 calibration program (by PI Ayres).

The stellar coordinates and proper motions all are very well known, so standard acquisition procedures can be used. The one subtlety in this regard is nearby wide binary Sirius for which the orbital motion must be taken into account on top of the large proper motion to avoid having the target fall outside the CCD 5"x5" ACQ checkbox.

All the objects have been observed previously by IUE in the FUV (and usually also NUV) range, many also by TD1, and several by HST/GHRS in selected narrow spectral intervals (at higher resolution), so the relevant UV flux densities are known. Consensus IUE flux distributions were developed for each target, and checked against, or were supplemented by, Pickles models of the appropriate effective temperature, gravity, and reddening, scaled to the stellar visual magnitude. The consensus UV spectral models were used subsequently in the STIS ETC (and in an independent version developed by PI Ayres) to assess the correct aperture for each echelle setting to avoid the MAMA bright limits, but also achieve maximum S/N. None of the objects is considered highly variable in the UV. Those in the Hipparcos catalog (majority of the sample) show essentially negligible optical variability.

2. Spectral Coverage, Overlap and Photometry

The goal of broad wavelength coverage together with accurate photometry is achieved by exploiting numerous overlapping echelle settings, and by arranging peakups prior to sequences of narrow-aperture observations, to accurately center the target image and thereby achieve maximum throughput. As demonstrated by ASTRAL COOL STARS, precise local relative flux scaling, in the overlapping zones of adjacent wavelength settings, allows one to bootstrap photometric continuity across the full wavelength range. One departure from COOL STARS, where we were able to use the "photometric" clear aperture (0.2x0.2) for at least several echelle settings per target, is that we must rely on the accuracy of the transmission calibrations for the ND slits, at least for the majority of the targets that cannot utilize any of the clear apertures. However, since our program is geared mainly toward high-quality spectroscopy, we consider the absolute flux scale to be a secondary priority.

In practice, the desired spectral overlap is obtained for some of the targets by utilizing the three primary medium-resolution settings: E140M-1425, E230M-1978, and E230M-2707, which together cover the full UV range, with good overlap between adjacent segments, and at good resolution, especially in the FUV. We call this "Short Program" and allocate six orbits per target for it. For others of the targets (sharp-line stars and ISM candidates), a combination of E140H and E230H settings, together with selected M-res's, are exploited to achieve the photometric "scaffolding," but at higher spectral resolution for most of the important wavelength intervals. We call this sequence "Seven Samurai," and its allocation normally is 12 orbits per target. It makes use of FUV settings H-1271 and M-1425 to, respectively, cover the key ISM region from below Ly-alpha up to 135 nm at high resolution, and the whole 115-170 nm interval at medium resolution. It then bridges to the NUV with M-1978, which covers a broad region at moderate resolution. Next are two neighboring high-res settings, H-2463 and H2513, which are treated as a single setting for exposure time purposes. The pair allows good overlap with M-1978 on the shortward side, but extends out to the 260 nm region on the longwavelength side, important for ISM studies. Next is H-2713, which covers the 260 nm region on its shortwavelength end; and on its longwavelength side reaches just beyond the equally important ISM interval at 280 nm (Mg II h & k). The Mg II interval, in turn, is redundantly covered by the final setting, H-2912, which at its longwavelength end (305 nm) just enters the region accessible from the ground. The redundant coverage of the two key NUV ISM intervals by Seven Samurai not only increases the total exposure, and thus S/N, there; but also the settings have different effective "fixed pattern noise" (see "S/N" below) in the wavelengths of overlap, thus allowing for mitigation of that noise source when the overlap regions are combined post facto.

Two of the targets (ALP-LYR and ALP-LEO) had one or more inefficient M-res settings in the Seven Samurai program, and thus were treated separately, using exclusively high-res settings. In the important case of iconic ALP-LYR (Vega), more orbits initially had been allocated to the target, which then aided our normal strategy of having at least two independent observations in each specific setting (see "S/N" below), although in

the end, we were able to get by with 16 orbits total (instead of the originally proposed 20). For ALP-LEO, which initially had been allocated the normal 12 orbits for Seven-Samurai targets, the exposure pairing was possible only for a subset of the settings, chosen to be the ones which contain ISM features, because these most benefit from the highest S/N spectra. We then added two of the orbits saved from Vega to bolster S/N in the 140 nm and 180 nm regions of ALP-LEO. The other two "saved" orbits were allocated to EPS-CMA, to boost S/N in the important ISM intervals at 260 nm and 280 nm. A final special case is HR465: the normal 7-S setting E140H-1271 was judged to have too little S/N to be useful, so was replaced with additional exposure in E140M-1425.

3. Absolute and Relative Wavelengths

The wavelength scales of STIS echellegrams achieve excellent relative precision thanks to the internal Pt-Ne/Cr emission line lamps, which not only provide dispersion solutions for each setting, but also zero-point calibrations for each separate exposure. The ASTRAL COOL STARS effort, moreover, exploited a post-facto "distortion correction" to the pipeline assigned wavelength scales to push the precision even higher, by compensating for small-scale setting-dependent deviations in the wavelengths identified in an earlier extensive study of deep exposures of the calibration lamps ("Deep Lamp Project"). As with the photometric "scaffold," adjacent spectral segments can be tied together by cross-correlating distinct high-contrast spectral features in common. One thereby can bootstrap high relative precision throughout the full range of a spliced spectrum (ala COOL STARS or the earlier "StarCAT" effort), as long as there are sufficiently good spectral references in all the overlap zones. As on the photometric side, the wavelength continuity benefits from generous overlap zones, and deep enough exposures to ensure good S/N in each individual segment.

Achieving an accurate velocity zero point for the overall spliced spectrum requires that one carefully arrange suitable reference observations close in time to peakups, because the absolute accuracy is directly dependent on the quality of the target centering. In ASTRAL HOT STARS this occurs naturally because use of the narrow ND slits (0.05" wide) mandates more frequent peakups: certainly for the leading exposure of a multi-observation sequence; and usually when there is a slit change in the middle of a sequence, especially when the unsupported NDA,B,C long slits are used. As in COOL STARS, any single-orbit exposure exceeding ~2000 s was broken into two subexposures (except in the leading orbit of the visit), to mitigate thermal drifts (by registering the second segment to the first during the post-processing).

4. Signal-to-Noise

The final consideration is pushing the S/N as high as possible within the limits dictated by the finite -- although quite generous to be sure -- orbit allocation. The most obvious factor is the brute force exposure depth: longer integrations yield higher S/N. A more subtle aspect is the existence of "fixed pattern noise" (incomplete flat-fielding of pixel-to-pixel sensitivity variations), which limits in principle the S/N achievable in a single exposure, no matter the duration. The best way to combat fixed pattern is to build exposure depth in multiple independent observations, separated in such a way that the slight randomness of the grating Mode Select Mechanism places each new echellegram on a slightly different set of pixels. This is analogous to the FP-SPLIT procedure utilized by COS. Combining the spectra after the fact on a common wavelength scale then effectively randomizes the fixed pattern, boosting S/N.

This is accomplished in practice by dividing exposures into single orbit "units" where each unit consists of a science exposure in a specific grating setting, and possibly also a peakup preceding the exposure. The rule then is to avoid placing two identical units next to each other (i.e., in adjacent orbits within a visit). Again, this is not the most efficient way to schedule the observations, but has a more positive effect on boosting true S/N than would the small signal gain from the reduced overhead of scheduling consecutive same-setting exposures. A further positive side benefit is that each visit can be constructed to cover the stellar spectrum diversely (i.e., with several settings scattered in wavelength). This can be exploited to follow any changes in emission properties of the target, for example the outflow P-Cygni profiles in the more extreme objects. Since the outer atmospheres of all stars are shaped to some extent by (magneto)dynamical processes, the capability to track changing properties with broad spectral coverage is well worth the slight inefficiency of scheduling the exposures in discrete, non-adjacent packets.

5. Special Considerations for the Tall Slits

This program is made possible in large part by access to the intermediate-ND tall slits mentioned earlier, which allow much more efficient observations of bright targets that just barely violate MAMA global count rate limits with the normal clear apertures, even the low-transmission "Jenkin's slit" (0.1x0.03). However, because the slits are tall (31" vs. 0.2" for the normal echelle slots), there is the possibility of accidentally including an object close-by the target, and if the interloper is UV-bright, one runs the danger of not only violating the detector limits, but also corrupting the spectrum itself. At the same time, there might be other circumstances (as was encountered with one of our targets) for which it would be desirable to include a very close companion in the observation, which might otherwise fall outside a narrow slit for an unfavorable orientation. We checked a number of resources to attempt to identify close companions that might be problematic. These resources included SIMBAD (and from there to the BSC and Hipparcos) and images from the GSC and 2MASS (the latter helpful owing to its somewhat higher resolution).

We identified four targets -- HD101190, HR1886, 3-CEN-A, and GAM-LYR -- that had close-in objects of concern, and specified ORIENT ranges to exclude them from the tall slits. In another case, target HD93129A has a close companion of roughly similar properties only 0.05" away. Although the separation would under normal circumstances be considered tiny, use of the Jenkins slit was dictated for one of the NUV exposures of the target, which could exclude the companion, or even mainly miss both stars, depending on the orientation of the slit and how the pickup was conducted. We therefore specified an ORIENT range that would place the long axis of the Jenkins slit along the reported position angle of the two companions, to ensure that the pickup would capture both.

For the other long-slit cases, either there were no close-in objects identified, or those that were found were classified as faint low-mass stars, which would not influence the spectra of the UV-bright targets, especially since an attenuating slit was being used in the first place. (For the roughly half the sample for which exclusively the short echelle slits are used, the "nearby object" checking was not necessary.)

6. Schematic Observation Sequence

The initial acquisition is accomplished using the CCD with the MIRROR and F25ND5 for the brighter targets (up to -1st magnitude), or F25ND3 for the fainter ones, or occasionally the F28x50OII or F28x50OIII filters for the faintest (down to 8th magnitude). For the brightest targets (e.g., Vega and Sirius), the exposure time is the minimum possible, 100 ms (but still less than the time to saturation, typically of order 1 s, or more). The objective for each other target was to pick a filter that achieved that minimum exposure for that object. Next, a pickup is done with the aperture to be used for the following spectroscopic observations, in dispersed light, using a visible light setting (e.g., G430L or G430M) with the CCD. Again, the setting was chosen for each target to keep the exposure time (to achieve more than 80,000 e-: counts are accumulated over the whole spectral stripe) very short, ideally at the minimum 0.1 s "tick." Finally, the first echelle science exposure is taken, to finish out the initial orbit. No more pickups are performed if the subsequent exposures are taken through the same aperture as the initial one. For the case of the so-called Jenkins slit (0.1x0.03), a two-stage pickup is recommended. If possible, we arranged for the initial stage (e.g., 0.2x0.09) to be used with an appropriate other exposure (e.g., either a 0.2x0.09 or 0.2x0.06) prior to the Jenkins slit observation, to avoid concentrating too much overhead in the Jenkins-slit orbit. Normally, the slew offsets between the supported apertures are well enough calibrated to allow a target centering in one to be accurately transferred to another; but for the unsupported slits this might not be the case. Thus, when any of the intermediate-ND slits were being used, we put in a pickup before the first occurrence, and then arranged consecutive observations utilizing that slit, if possible.

With regard to choice of slits, if a clear aperture could be used, preference was given to 0.2x0.09 ("SPCH") for any of the high-res settings, to preserve resolution; and 0.2x0.06 ("SPCM") for the medium-res settings, for the same reason. In some cases, SPCM was used with a high-res setting, to keep the GCR within bounds. This should not adversely affect the resolution (probably improves it slightly); nor would use of the 0.05ND slits. In some cases, SPCH was used with one of the medium-res settings, if the GCR with SPCM was below 150K, to improve S/N; resolution degradation should be minimal. There also were a few examples among the fainter UV sources, where the 0.2x0.2 ("PHT") clear aperture was used to boost S/N (exclusively with medium-res settings). The spectral resolution accordingly will be degraded somewhat from what would be obtained with SPCM, but the ~50% throughput gain was judged more important for these targets.

As mentioned earlier, the targets are divided into two main groups -- Short Program (SP: 6 orbits) and Seven Samurai (7-S: 12 orbits) -- and a few special cases (e.g., ALP-LYR and ALP-LEO). An SP target is done in two identical visits, in which the lead-off partial-orbit observation is either M-1978 or M-2707, the second orbit is then a full M-2707 (if M-1978 was first) or M-1978 (otherwise), and the final orbit is a full M-1425. The lead NUV setting thus receives somewhat less total exposure than the trailing NUV, and was selected on the basis of ETC simulations to be the one with higher sensitivity, thus equalizing S/N over the NUV band.

The second (larger) group of 7-S targets either have intrinsically narrow lines, or are broad-lined but of interest for ISM work, so we exploited mainly the hi-res settings in the NUV, although still covering the FUV with medium-res setting E140M-1425. However, we also include the high-res setting E140H-1271 to capture the important ISM region 1200-1350 Å. Visits of 4 orbits were used, three total. Each leads off with an E140M-1425 to ensure that the key 1150-1700 region is recorded in each visit, for tracking any FUV spectral variability. The remaining three orbits have various combinations of E230H's, E140H-1271 and E230M-1978 (the latter to tie together the FUV and NUV intervals). The ISM settings -- H-1271 and H-2713 -- and low-sensitivity M-1978 always were allocated two orbits each. H-2463 and H-2513 normally were assigned only one orbit each (since they largely overlap), and usually H-2912 as well (a high-sensitivity setting).

One of the special cases is Vega. It is not well matched in brightness to the available ND slits, at least for the specific settings of the 7-S program, but was judged a scientifically key target for the overall effort. We used 10 high-res settings ("10-H") to cover the full FUV+NUV spectrum: the three standard FUV H settings (H-1271, H-1416, and H-1598); NUV H-1763, H-2013, and H-2263; then tying into the final four 7-S NUV H tilts. 10-H requires 16 orbits to achieve S/N levels comparable to the other targets. The lead-off exposure in each visit was alternated (H-1271 twice, and H-1416 and H-2013 once each), and the ISM settings and any others that had lower predicted S/N, were doubled. Another special case, ALP-LEO, also was treated with 10-H, but now with only 14 orbits (two visits of 4 orbits each; two visits of 3 orbits) so not as many settings could be

"doubled." Again, we attempted to boost S/N specifically in the ISM intervals. EPS-CMA also was provided two additional orbits above its normal 12-orbit 7-S allocation, again arranged in the two 4-orbit + two 3-orbit visit pattern used with ALP-LEO, but now restricted to the 7-S settings, augmenting H-2713 and H-2912 to boost their S/N.

Finally, it is worth noting that the specific observing strategies have been tailored to make best use of the post-processing protocols, developed originally during the StarCAT cataloging project and later refined in ASTRAL COOL STARS, which exploit hierarchical coaddition schemes, together with "bootstrap splicing," to preserve wavelength fidelity and photometric continuity.

7. Note on ETC Runs

Two types of Exposure Time Calculators (ETC) were used in planning the program. First is the normal STIS ETC. Second is a special purpose ETC, developed by the PI to carry out more precise evaluations of targets that might be close to the MAMA bright limits. The PI's ETC is based on order-by-order sensitivity curves (which convert model flux densities into net counts/second in each echelle order) for all 44 STIS echelle settings, derived from recent (post-SM4) measurements of the calibration WD G191B2B; and "scattering coefficients" inferred from the same observations of the WD, based on comparing the total count rate in the RAW image of a given setting, minus an empirical background level (derived from the prior WAVECAL spectrum), to the net count rates reported in the pipeline x1d file. The scattering coefficients allow one to scale the predicted NET count rates to a GROSS count rate (accounting for the events falling outside the numerical extraction slit). The GLOBAL rate is then simply the GROSS plus the nominal detector background rate. In the standard STIS ETC, these scattering coefficients are taken as constants for each of the four possible dispersion modes: FUV-M, FUV-H, NUV-M, and NUV-H. In the more recent empirical study, it was found that the scattering coefficients in fact depend on wavelength, generally increasing with decreasing wavelength in all of the modes. In the case of NUV-M and NUV-H, the adopted STIS ETC scattering coefficients are close to the empirical *maximum* values for those modes, and thus are conservative (i.e., the STIS ETC will overpredict the GCR, especially at the longer NUV wavelengths, by up to about 13%). In the case of FUV-M and FUV-H, the STIS ETC scattering coefficients are lower than the *minimum* empirical values, and thus will underpredict the GCR, by about 21% for E140M-1425, and from 38% to 25% for E140H-1271 to E140H-1598, respectively. Thus, the STIS ETC is not conservative enough for the FUV modes. Accordingly, one must be careful in assessing whether a target violates the bright limit, especially if it is close to the limit in the FUV.

Another ETC issue, specifically relevant to ASTRAL HOT STARS, is that the STIS version does not contain transmission curves for the

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unsupported NDA,B,C slits. The PI's ETC does contain these curves, as derived by the PI from a Cycle 19 calibration program to validate the intermediate-ND tall slits. Thus, when using the STIS ETC to check the GCR for a target where the unsupported slits are used, an assumption has to be made concerning the slit transmission relative to one of the slits accommodated by the STIS ETC, say the PHT aperture. Relative to PHT, the *maximum* transmissions of NDA,B,C are 0.25, 0.10, and 0.05, respectively (equivalent to ND= 0.6, 1.0, and 1.3). Thus, multiplying a STIS ETC GCR calculated using PHT by those factors should yield a conservative estimate of the true GCR (leaving aside the issue of the scattering coefficients for the moment), since there are wavelengths where the ND apertures absorb more strongly than the nominal transmission values. On the other hand, the PI's ETC takes into account the detailed transmission curves for each ND slit, and the setting-dependent scattering coefficients, so it should yield the most accurate estimates of the GCR for a given target SED.

Beyond the possible 10's of percent differences between the two ETC approaches, there is the further issue of how accurate the consensus UV SED's of the targets are, which potentially could add another 10's of percent uncertainty into the mix.

We therefore adopted the following approach. We assumed that the IUE SED's were correct (as checked against TD1 fluxes and models), and carried out ETC runs with both the standard STIS version as well as with the PI's possibly improved (but not yet approved) approach. In each science exposure line, we provide the number of the STIS ETC run, as well as a comment to indicate, for example, whether the GCR was scaled to account for an unsupported slit, and how that scaling was done. For example:

H-2713 1875 NDC 3,603,591 x0.05= 180,000 STIS.sp.515917 PHT=>NDC (TRA:138K)

means that the setting E230H-2713 is being used, with total exposure time of 1875s (should match the APT exposure specification, noting that some exposures are split into two pieces), and slit NDC (31x0.05NDC). The next number is the predicted GCR from the STIS ETC, based on the IUE SED for the particular target, then multiplied by the scale factor corresponding to maximum filter transmission (would be smaller in general), to yield the predicted, conservative GCR for that combination (180,000 in this example). Next is the STIS ETC run number, and the way the conversion was done, in this case scaling from the PHT aperture to NDC. Finally, the parenthetical value ("TRA") is the prediction from the PI's ETC using the same slit and stellar SED combination (138K= 138,000). In this instance, the STIS ETC overpredicts the GCR, compared with the more detailed calculation, because: (1) the NDC transmission is less at 2713 than the nominal 0.05; and (2) the scattering coefficient also is less at 2713 than the STIS ETC assumption. Nevertheless, by both measures, the target would be considered "safe," which is why the particular slit was chosen. By the way, it is important to try to keep the predicted GCR above about 100K (the limit is 200K), in order to maximize S/N. This was not always possible, however, given the faintness of a few of the ASTRAL targets.

There were a couple of cases where the STIS ETC gave GCR's close to, or above, the limit using the nominal maximum filter transmission, whereas the PI's ETC indicated a GCR under the limit. This usually was because the nominal filter transmission factor (e.g., 0.05 for NDC) was larger than appropriate for the wavelength of the setting. In such cases, the detailed transmission curves were consulted, and a more appropriate factor was used in the scaling; usually then resulting in a STIS ETC GCR below the limit. These cases can be recognized easily, since the conversion factors will depart from their nominal values, and usually some indication is given that a smaller transmission value was appropriate.

There are other examples where the STIS ETC predicts a GCR below the limit, but the PI's version indicates a GCR above the limit. Usually this is an issue with differences in the scattering coefficients. In all such cases, the violation is relatively minor, usually only 5% or so.

There are other cases, especially for the H-2713 setting of Vega, using the well-calibrated ND2 slit, where the STIS ETC indicates a violation, but the PI's ETC indicates that the observation is safe. This a specific issue of the scattering coefficients, which are overstated in the STIS ETC for the longer NUV wavelengths. Here too, however, the violation is relatively minor.

REAL TIME JUSTIFICATION

N/A

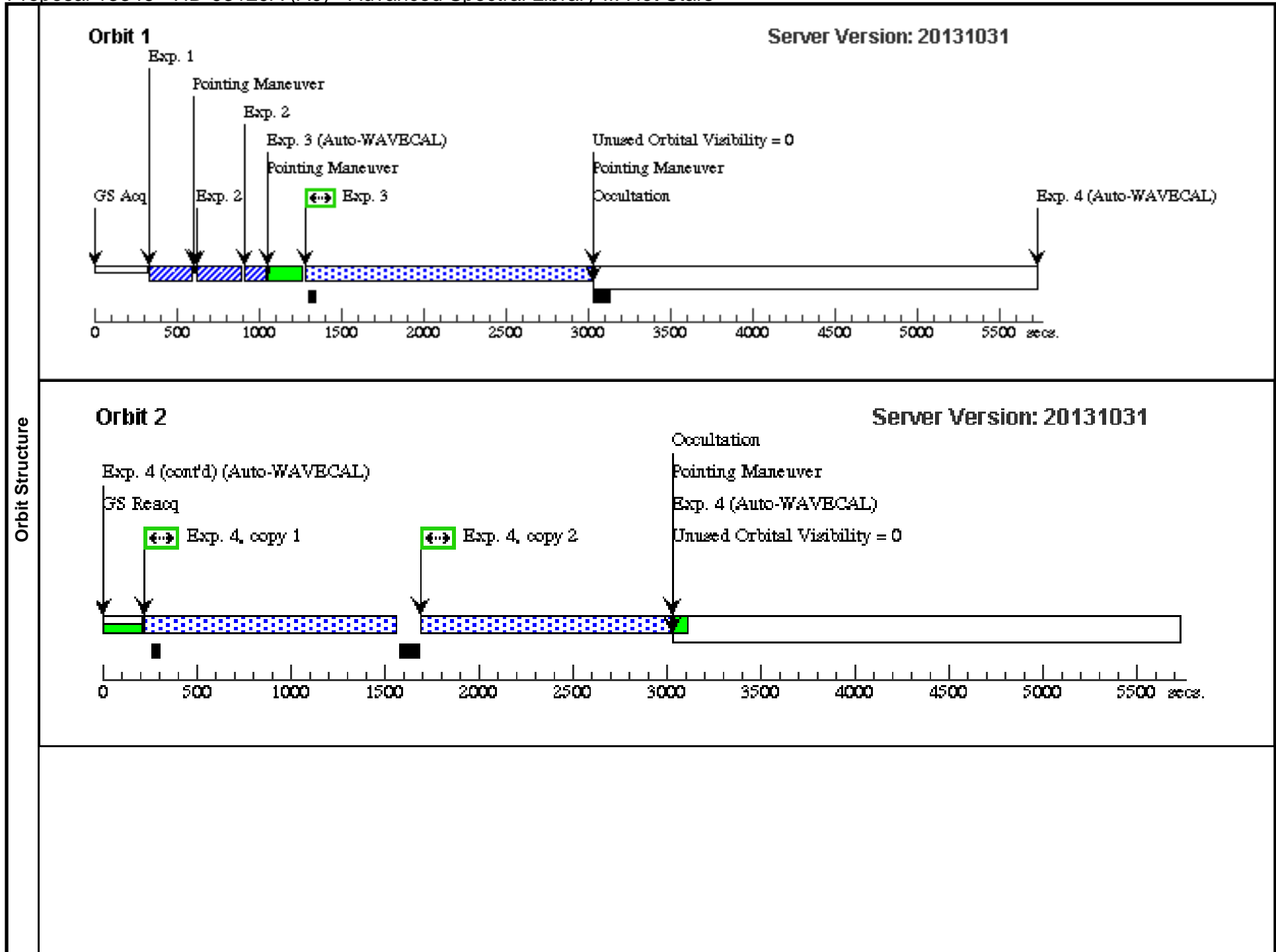
CALIBRATION JUSTIFICATION

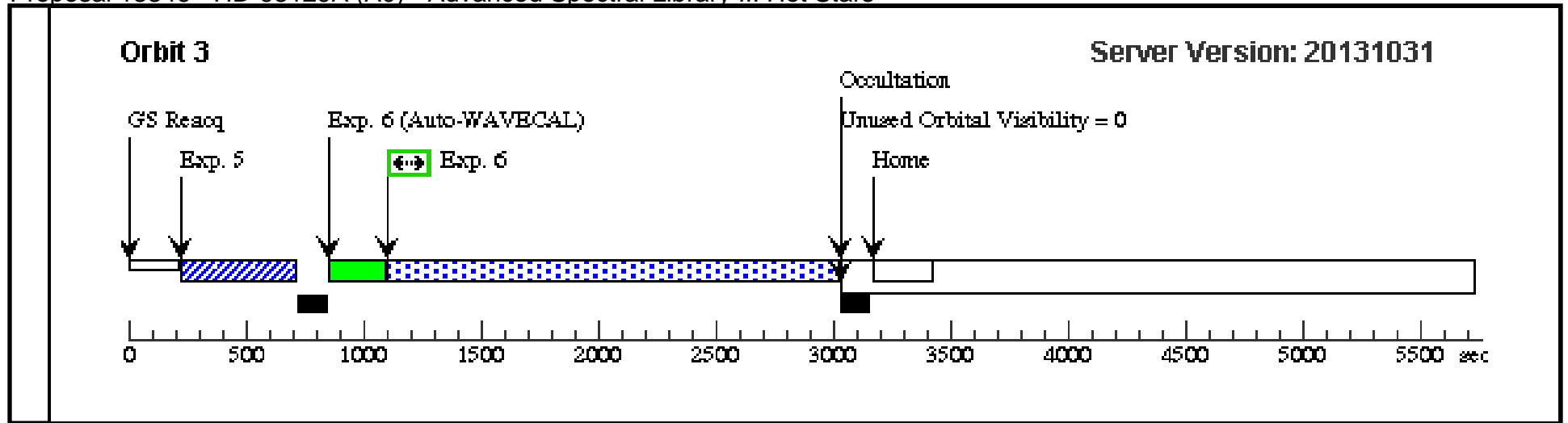
N/A

Proposal 13346 - HD-93129A (A0) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:25 GMT 2014

Visit	Proposal 13346, HD-93129A (A0), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 45D TO 75 D; ORIENT 225D TO 255 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	HD-93129A	RA: 10 43 57.4620 (160.9894250d) Dec: -59 32 51.27 (-59.54757d) Equinox: J2000	Proper Motion RA: -5 mas/yr Proper Motion Dec: +17 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=7.31+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 908)	(1) HD-93129A	STIS/CCD, ACQ, F28X500II	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
	<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.44 applied before normalization Normalization: Renormalized to Johnson V = 7.31 in magnitudes relative to Vega 28,882 e- (box of 3 x 3 pixels)</i>									
2	(STIS.sp.51 4705)	(1) HD-93129A	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A					0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.44 applied before normalization Normalization: Renormalized to Johnson V = 7.31 in magnitudes relative to Vega Aperture: 52X0.1 1,001,080 e-</i>									
3	(STIS.sp.51 6134)	(1) HD-93129A	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A					1729 Secs (1729 Secs) [==>]	[1]
	<i>Comments: M-1978 1729 PHT 134,213 STIS.sp.516134 (TRA:137K)</i>									
4	(STIS.sp.51 6130)	(1) HD-93129A	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140M 1425 A					1318 Secs X 2 (2636 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
	<i>Comments: M-1425 SPCH 159,219 STIS.sp.516130 (TRA:153K)</i>									
5	(STIS.sp.51 4705)	(1) HD-93129A	STIS/CCD, ACQ/PEAK, 0.1X0.03	G430L 4300 A					0.2 Secs (0.2 Secs) [==>]	[3]
	<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.44 applied before normalization Normalization: Renormalized to Johnson V = 7.31 in magnitudes relative to Vega Aperture: 52X0.1 (1,001,080 e-) x 0.5X(0.2/0.1 [etc texp])= 1000k e- for 0.1x0.03</i>									
6	(STIS.sp.51 6133)	(1) HD-93129A	STIS/NUV-MAMA, ACCUM, 0.1X0.03	E230M 2707 A					1900 Secs (1900 Secs) [==>]	[3]
	<i>Comments: M-2707 1925 JENK 164,752 STIS.sp.516133 (TRA:156K)</i>									

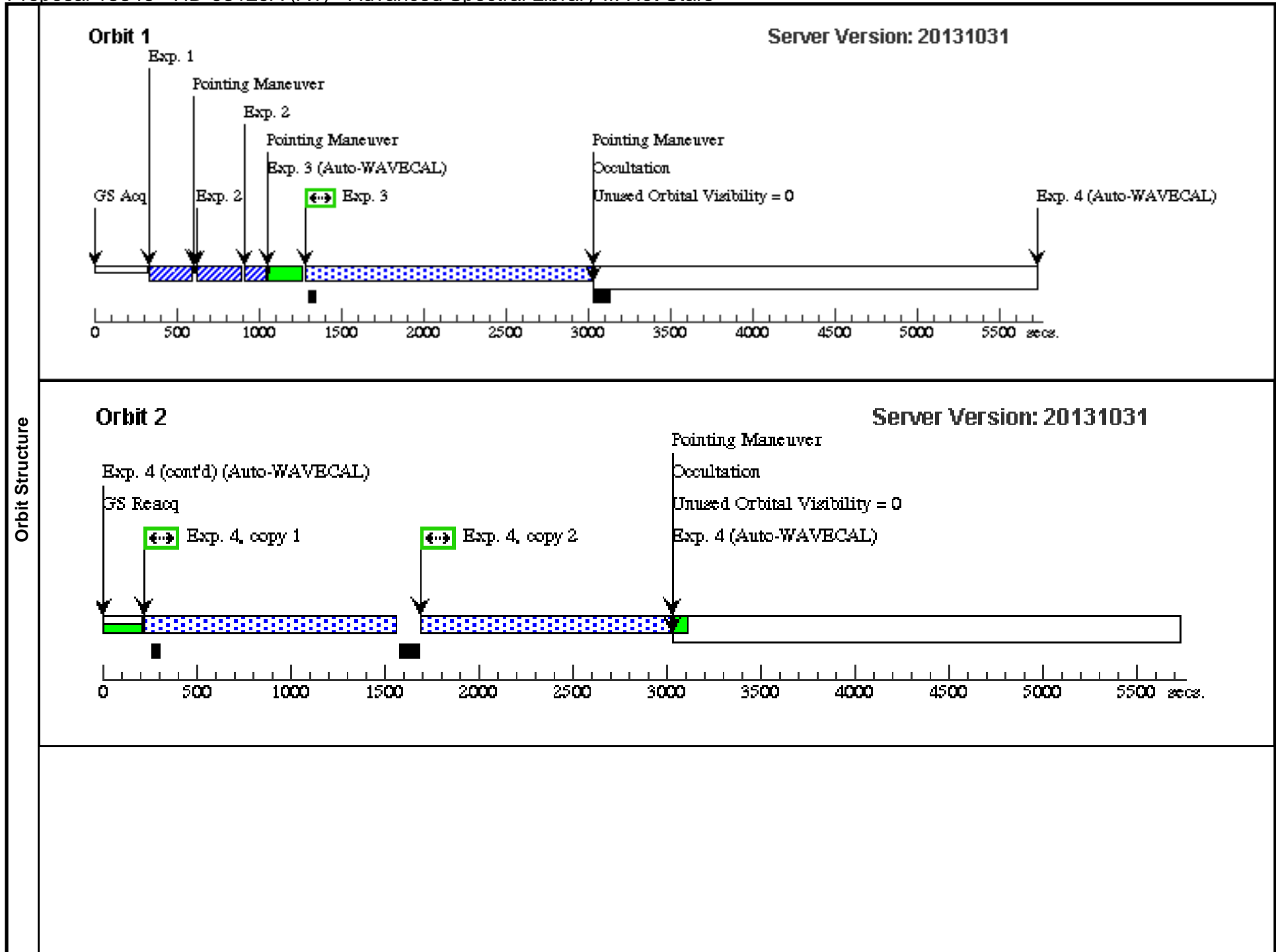


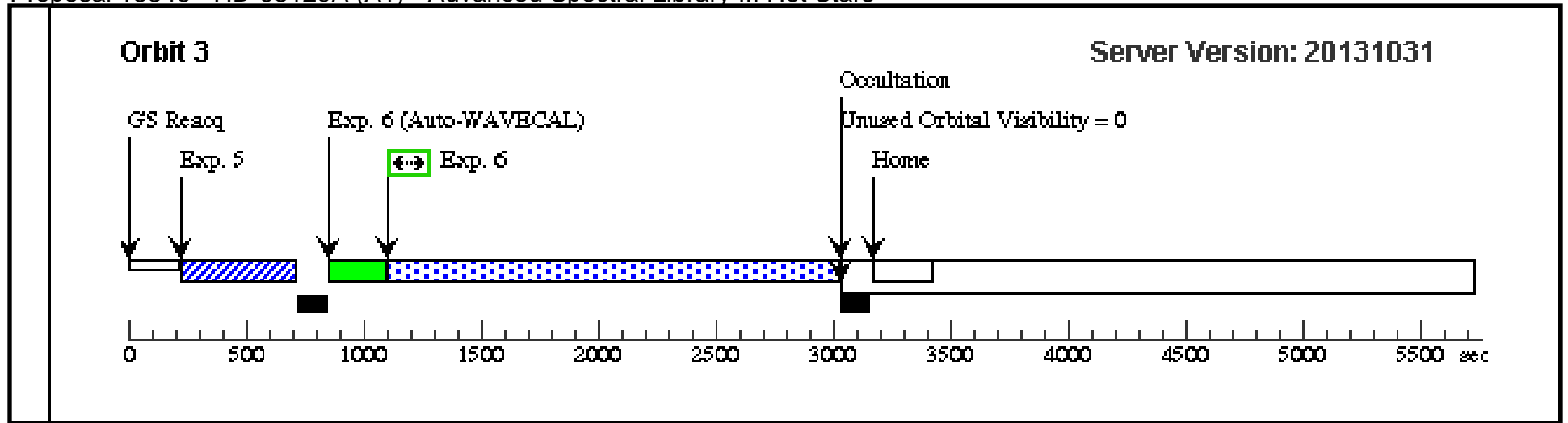


Proposal 13346 - HD-93129A (A1) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:28 GMT 2014

Visit	Proposal 13346, HD-93129A (A1), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 45D TO 75 D; ORIENT 225D TO 255 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	HD-93129A	RA: 10 43 57.4620 (160.9894250d) Dec: -59 32 51.27 (-59.54757d) Equinox: J2000	Proper Motion RA: -5 mas/yr Proper Motion Dec: +17 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=7.31+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 908)	(1) HD-93129A	STIS/CCD, ACQ, F28X500II	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
	<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.44 applied before normalization Normalization: Renormalized to Johnson V = 7.31 in magnitudes relative to Vega 28,882 e- (box of 3 x 3 pixels)</i>									
	2	(STIS.sp.51 4705)	(1) HD-93129A	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.44 applied before normalization Normalization: Renormalized to Johnson V = 7.31 in magnitudes relative to Vega Aperture: 52X0.1 1,001,080 e-</i>									
	3	(STIS.sp.51 6134)	(1) HD-93129A	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A				1729 Secs (1729 Secs) [==>]	[1]
	<i>Comments: M-1978 1729 PHT 134,213 STIS.sp.516134 (TRA:137K)</i>									
4	(STIS.sp.51 6130)	(1) HD-93129A	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140M 1425 A				1318 Secs X 2 (2636 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
<i>Comments: M-1425 SPCH 159,219 STIS.sp.516130 (TRA:153K)</i>										
5	(STIS.sp.51 4705)	(1) HD-93129A	STIS/CCD, ACQ/PEAK, 0.1X0.03	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[3]	
<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.44 applied before normalization Normalization: Renormalized to Johnson V = 7.31 in magnitudes relative to Vega Aperture: 52X0.1 (1,001,080 e-) x 0.5X(0.2/0.1 [etc texp])= 1000k e- for 0.1x0.03</i>										
6	(STIS.sp.51 6133)	(1) HD-93129A	STIS/NUV-MAMA, ACCUM, 0.1X0.03	E230M 2707 A				1900 Secs (1900 Secs) [==>]	[3]	
<i>Comments: M-2707 1925 JENK 164,752 STIS.sp.516133 (TRA:156K)</i>										

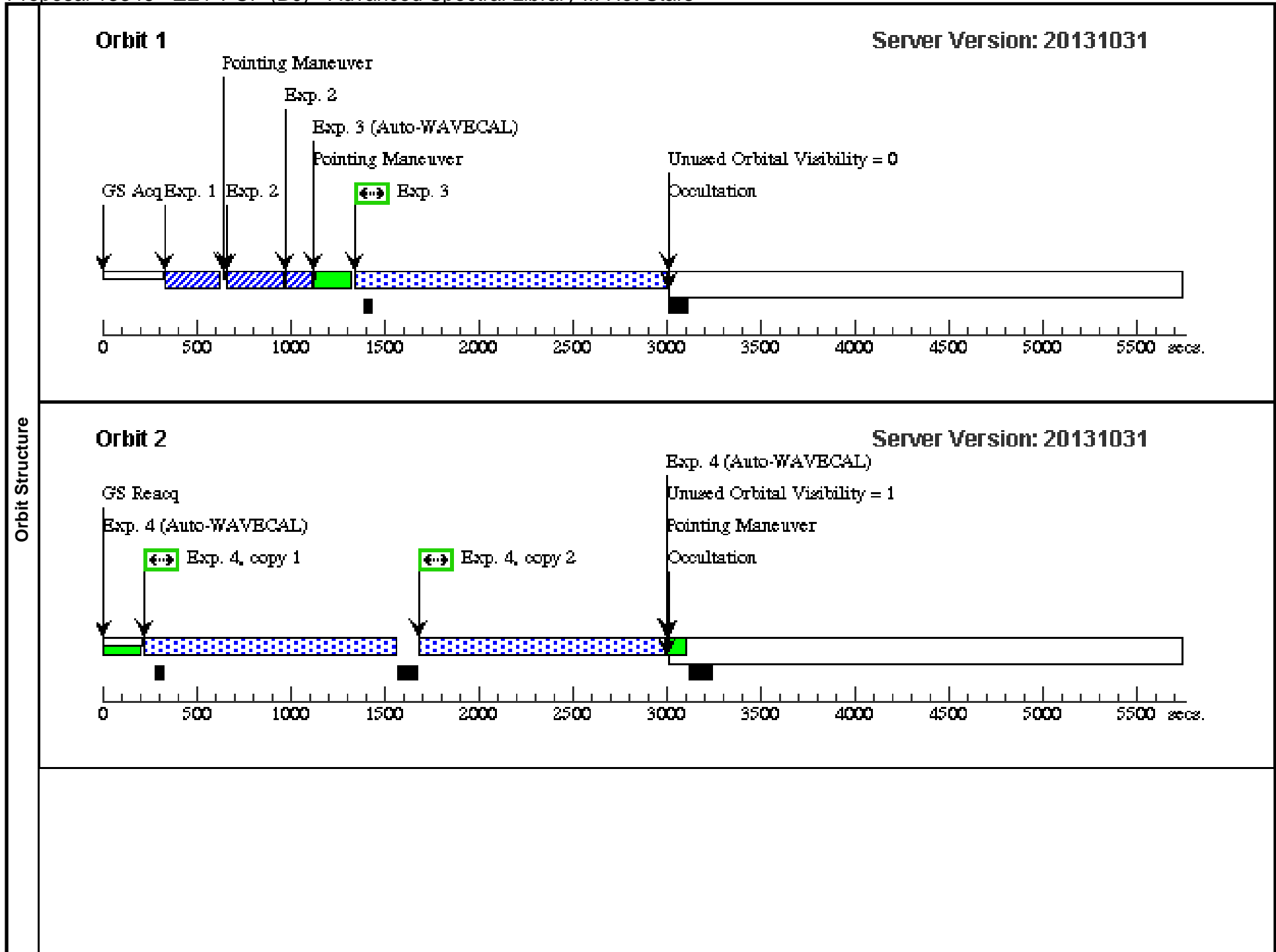


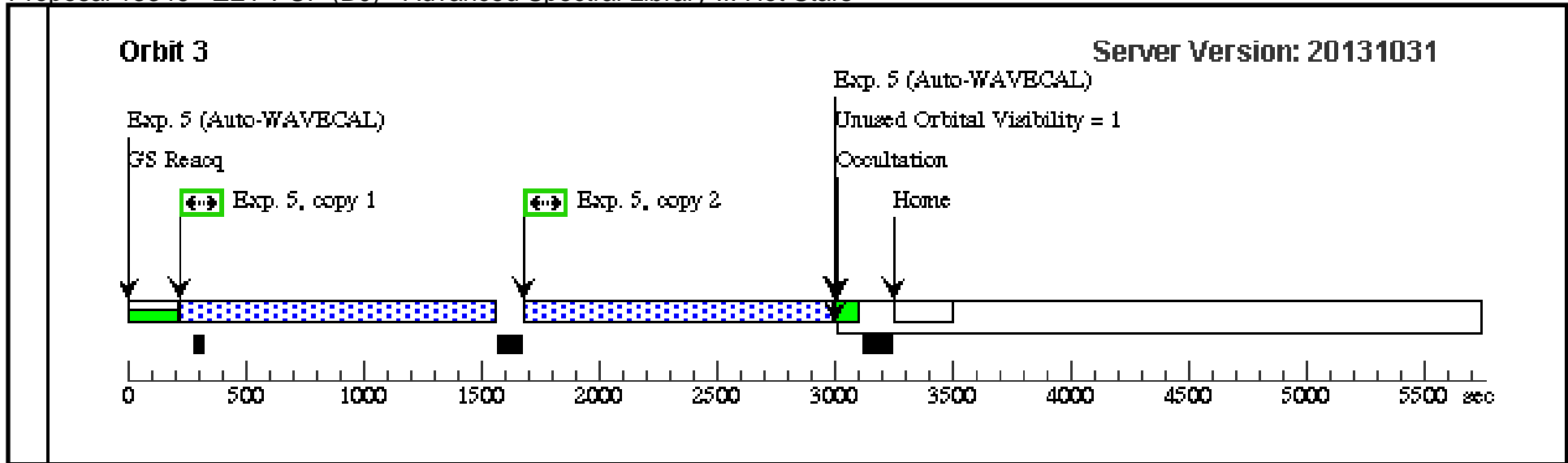


Proposal 13346 - ZET-PUP (B0) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:30 GMT 2014

Visit	Proposal 13346, ZET-PUP (B0), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	ZET-PUP	RA: 08 03 35.0475 (120.8960313d)	Proper Motion RA: -30 mas/yr	V=2.25+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-66811	Dec: -40 00 11.33 (-40.00315d)	Proper Motion Dec: +17 mas/yr						
		Alt Name2: NAOS	Equinox: J2000	Parallax: 0.0"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 (2) ZET-PUP 721)	(2) ZET-PUP	STIS/CCD, ACQ, F25ND5	MIRROR				1.0 Secs (1 Secs)	
								[==>]	[1]	
		<i>Comments: 15,117 e- (box of 3 x 3 pixels)</i>								
	2	(STIS.ta.514 (2) ZET-PUP 725)	(2) ZET-PUP	STIS/CCD, ACQ/PEAK, 0.3X0.05ND	MIRROR				0.1 Secs (0.1 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.04 applied before normalization Normalization: Renormalized to Johnson V = 2.25 in magnitudes relative to Vega Aperture: ND3 226,643 e- Time to Saturation (for a single exposure) = 0.20 seconds</i>								
	3	(STIS.sp.51 (2) ZET-PUP 6128)	(2) ZET-PUP	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230M 2707 A				1606 Secs (1606 Secs)	
								[==>]	[1]	
		<i>Comments: M-2707 1606 ND3 105,390 STIS.sp.516128 (TRA:101K)</i>								
	4	(STIS.sp.51 (2) ZET-PUP 6127)	(2) ZET-PUP	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230M 1978 A				1293 Secs X 2 (2586 Secs)	
								[==>(Copy 1)]	[2]	
								[==>(Copy 2)]		
		<i>Comments: M-1978 2586 ND3 55,501 STIS.sp.516127 (TRA: 56K)</i>								
	5	(STIS.sp.51 (2) ZET-PUP 6126)	(2) ZET-PUP	STIS/FUV-MAMA, ACCUM, 0.3X0.05ND	E140M 1425 A				1293 Secs X 2 (2586 Secs)	
								[==>(Copy 1)]	[3]	
								[==>(Copy 2)]		
		<i>Comments: M-1425 2586 ND3 87,046 STIS.sp.516126 (TRA:105K)</i>								

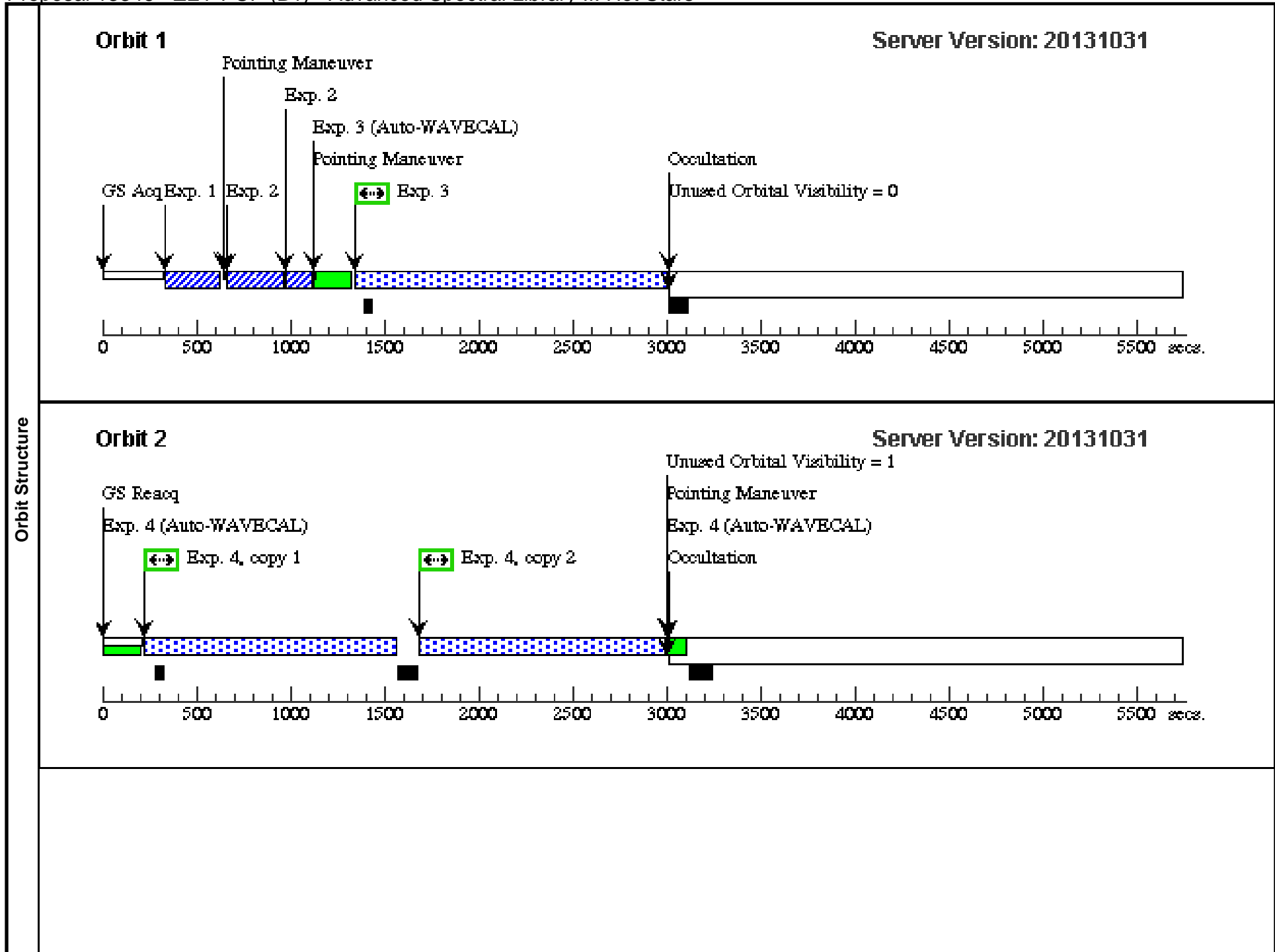


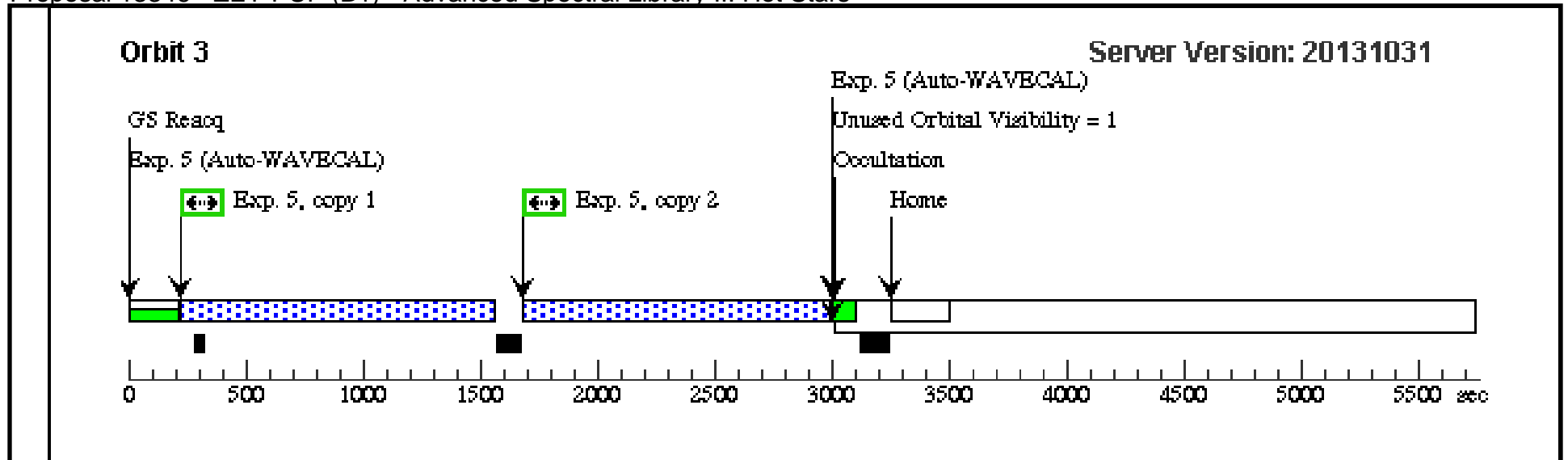


Proposal 13346 - ZET-PUP (B1) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:31 GMT 2014

Visit	Proposal 13346, ZET-PUP (B1), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
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	(2)	ZET-PUP	RA: 08 03 35.0475 (120.8960313d)	Proper Motion RA: -30 mas/yr	V=2.25+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-66811	Dec: -40 00 11.33 (-40.00315d)	Proper Motion Dec: +17 mas/yr						
		Alt Name2: NAOS	Equinox: J2000	Parallax: 0.0"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 (2) ZET-PUP 721)	(2) ZET-PUP	STIS/CCD, ACQ, F25ND5	MIRROR				1.0 Secs (1 Secs)	
								[==>]	[1]	
	<i>Comments: 15,117 e- (box of 3 x 3 pixels)</i>									
	2	(STIS.ta.514 (2) ZET-PUP 725)	(2) ZET-PUP	STIS/CCD, ACQ/PEAK, 0.3X0.05ND	MIRROR				0.1 Secs (0.1 Secs)	
								[==>]	[1]	
	<i>Comments: Pickles Models O5V 39810.7K</i>									
	<i>Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.04 applied before normalization</i>									
	<i>Normalization: Renormalized to Johnson V = 2.25 in magnitudes relative to Vega</i>									
	<i>Aperture: ND3</i>									
	<i>226,643 e- Time to Saturation (for a single exposure) = 0.20 seconds</i>									
	3	(STIS.sp.51 (2) ZET-PUP 6128)	(2) ZET-PUP	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230M 2707 A				1606 Secs (1606 Secs)	
								[==>]	[1]	
	<i>Comments: M-2707 1606 ND3 105,390 STIS.sp.516128 (TRA:101K)</i>									
	4	(STIS.sp.51 (2) ZET-PUP 6127)	(2) ZET-PUP	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230M 1978 A				1293 Secs X 2 (2586 Secs)	
								[==>(Copy 1)]	[2]	
								[==>(Copy 2)]		
	<i>Comments: M-1978 2586 ND3 55,501 STIS.sp.516127 (TRA: 56K)</i>									
	5	(STIS.sp.51 (2) ZET-PUP 6126)	(2) ZET-PUP	STIS/FUV-MAMA, ACCUM, 0.3X0.05ND	E140M 1425 A				1293 Secs X 2 (2586 Secs)	
								[==>(Copy 1)]	[3]	
								[==>(Copy 2)]		
	<i>Comments: M-1425 2586 ND3 87,046 STIS.sp.516126 (TRA:105K)</i>									

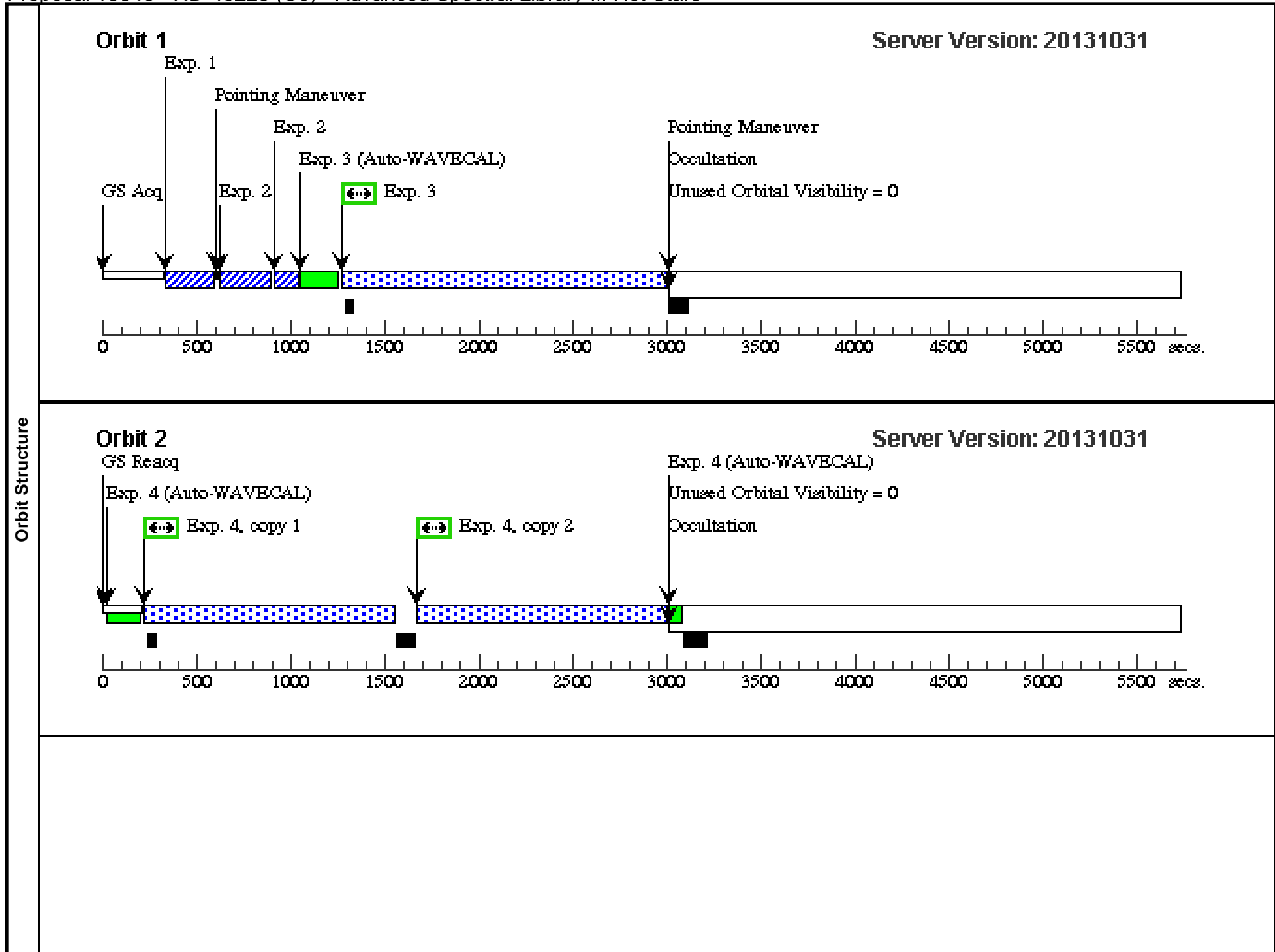


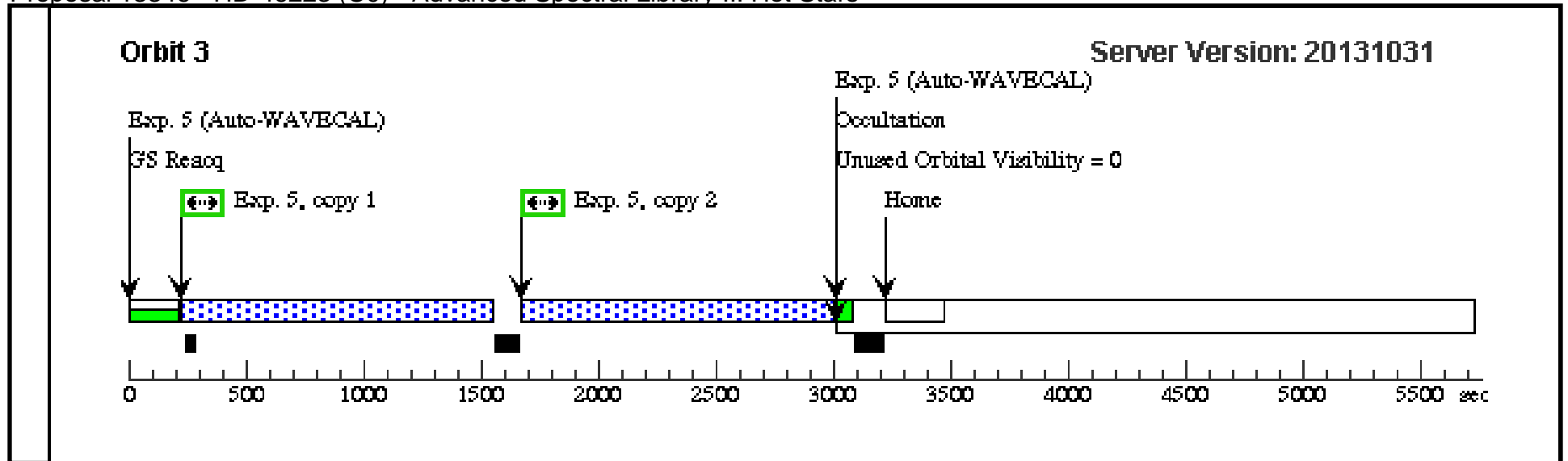


Proposal 13346 - HD-46223 (C0) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:33 GMT 2014

Visit	Proposal 13346, HD-46223 (C0), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	HD-46223	RA: 06 32 9.3070 (98.0387792d) Dec: +04 49 24.70 (4.82353d) Equinox: J2000	Proper Motion RA: -2 mas/yr Proper Motion Dec: -1 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=7.32+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 911)	(3) HD-46223	STIS/CCD, ACQ, F28X500II	MIRROR				0.4 Secs (0.4 Secs) [==>]	[1]
<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.55 applied before normalization Normalization: Renormalized to Johnson V = 7.32 in magnitudes relative to Vega 32,387 e- (box of 3 x 3 pixels)</i>										
2	(STIS.sp.51 4733)	(3) HD-46223	STIS/CCD, ACQ/PEAK, 0.2X0.06	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]	
<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.55 applied before normalization Normalization: Renormalized to Johnson V = 7.32 in magnitudes relative to Vega Aperture: 52X0.1 904,691 e-</i>										
3	(STIS.sp.51 6124)	(3) HD-46223	STIS/NUV-MAMA, ACCUM, 0.2X0.06	E230M 2707 A				1715 Secs (1715 Secs) [==>]	[1]	
<i>Comments: M-2707 1715 SPCM 198,076 STIS.sp.516124 (TRA:186K)</i>										
4	(STIS.sp.51 6123)	(3) HD-46223	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
<i>Comments: M-1978 2626 PHT 74,618 STIS.sp.516123 (TRA: 75K)</i>										
5	(STIS.sp.51 6122)	(3) HD-46223	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: M-1425 2626 PHT 73,085 STIS.sp.516122 (TRA: 86K)</i>										

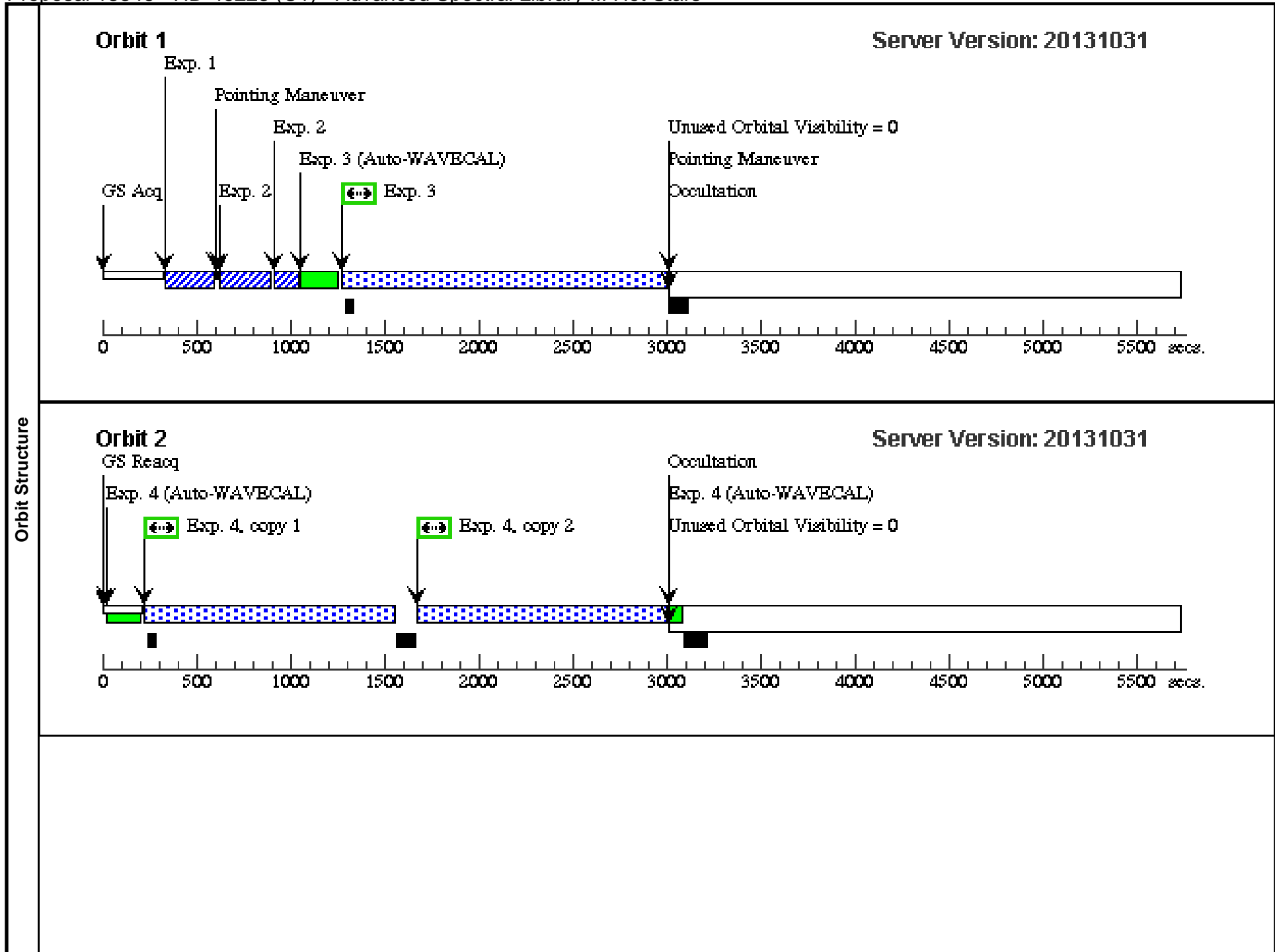


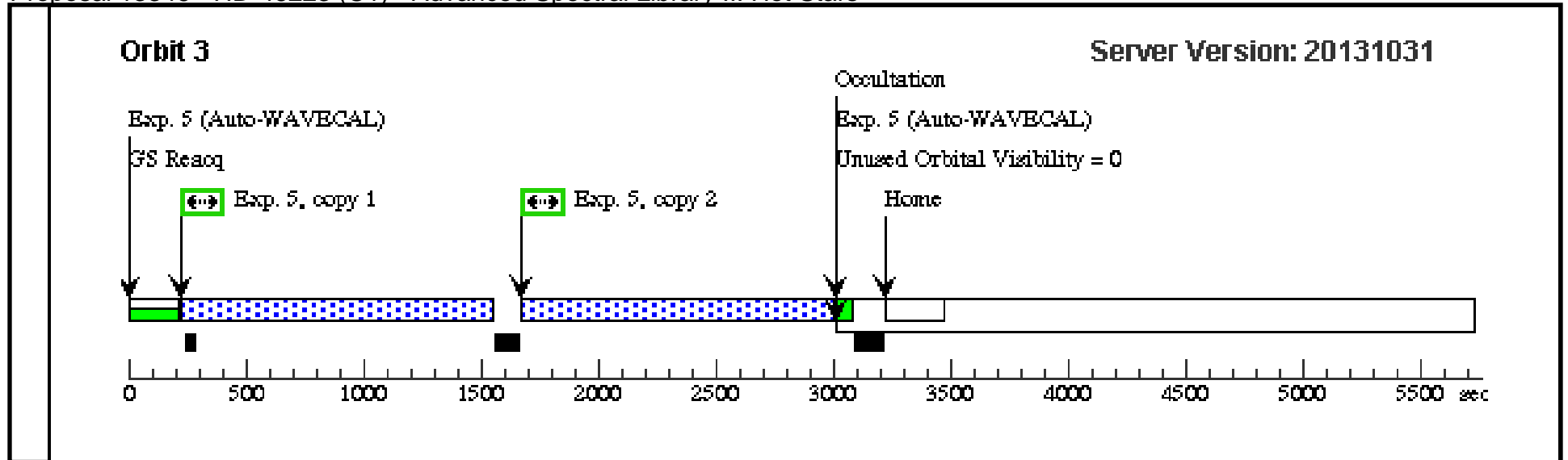


Proposal 13346 - HD-46223 (C1) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:34 GMT 2014

Visit	Proposal 13346, HD-46223 (C1), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	HD-46223	RA: 06 32 9.3070 (98.0387792d) Dec: +04 49 24.70 (4.82353d) Equinox: J2000	Proper Motion RA: -2 mas/yr Proper Motion Dec: -1 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=7.32+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 911)	(3) HD-46223	STIS/CCD, ACQ, F28X500II	MIRROR				0.4 Secs (0.4 Secs) [==>]	[1]
	<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.55 applied before normalization Normalization: Renormalized to Johnson V = 7.32 in magnitudes relative to Vega 32,387 e- (box of 3 x 3 pixels)</i>									
2	(STIS.sp.51 4733)	(3) HD-46223	STIS/CCD, ACQ/PEAK, 0.2X0.06	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]	
	<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.55 applied before normalization Normalization: Renormalized to Johnson V = 7.32 in magnitudes relative to Vega Aperture: 52X0.1 904,691 e-</i>									
3	(STIS.sp.51 6124)	(3) HD-46223	STIS/NUV-MAMA, ACCUM, 0.2X0.06	E230M 2707 A				1715 Secs (1715 Secs) [==>]	[1]	
	<i>Comments: M-2707 1715 SPCM 198,076 STIS.sp.516124 (TRA:186K)</i>									
4	(STIS.sp.51 6123)	(3) HD-46223	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
	<i>Comments: M-1978 2626 PHT 74,618 STIS.sp.516123 (TRA: 75K)</i>									
5	(STIS.sp.51 6122)	(3) HD-46223	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
	<i>Comments: M-1425 2626 PHT 73,085 STIS.sp.516122 (TRA: 86K)</i>									

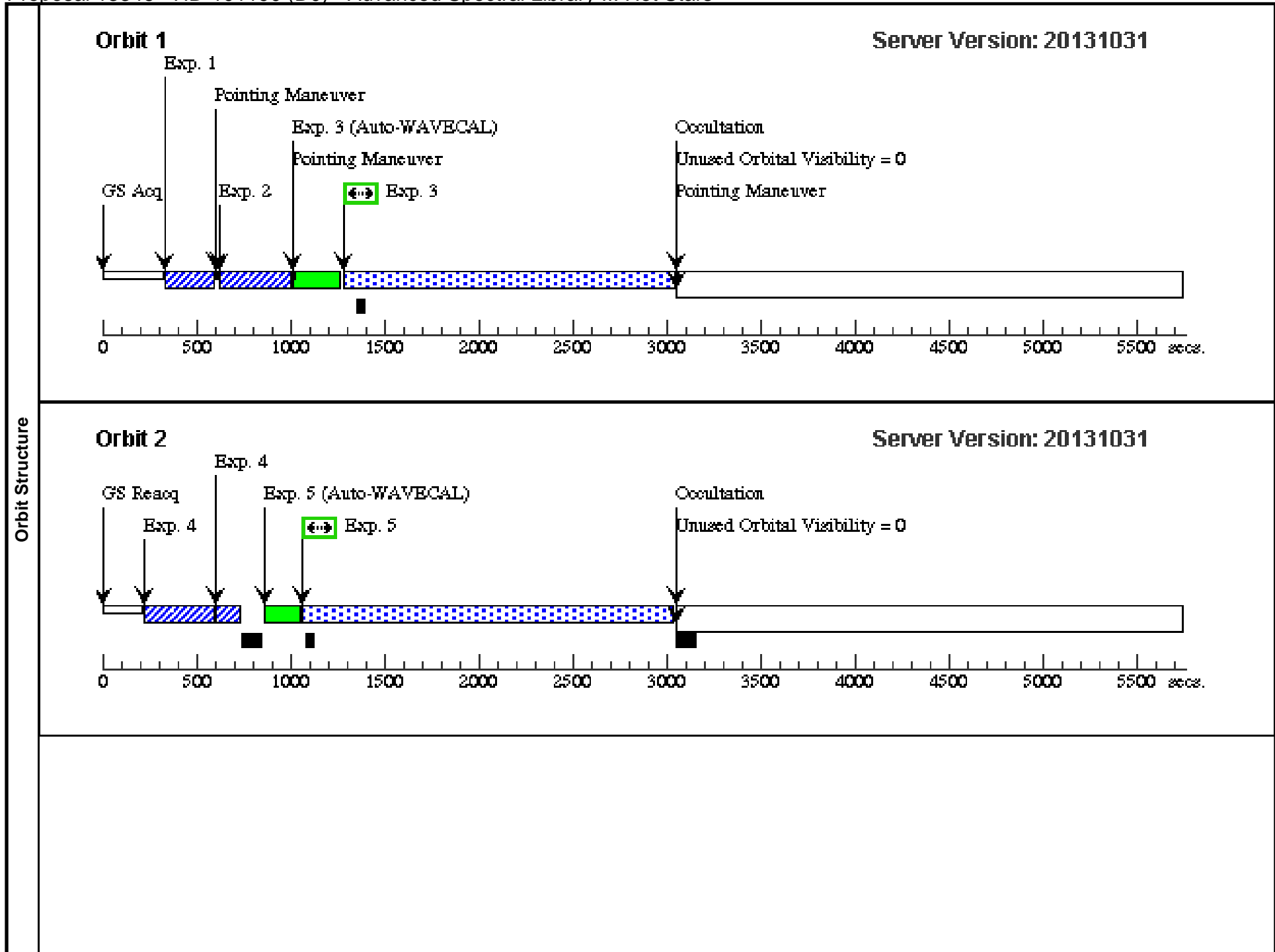


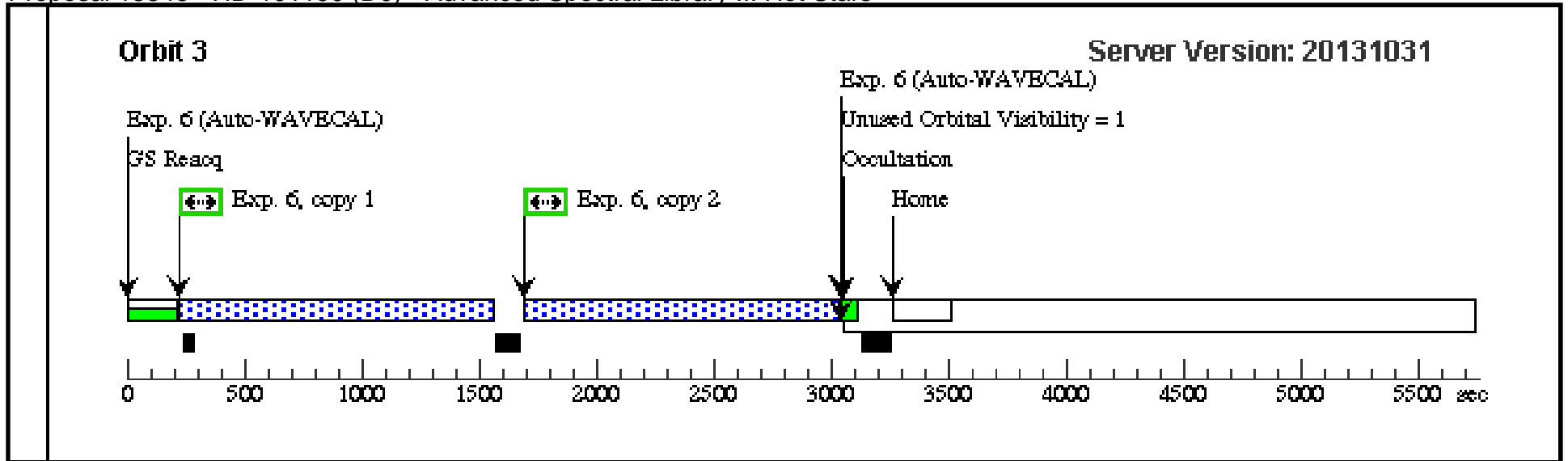


Proposal 13346 - HD-101190 (D0) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:35 GMT 2014

Visit	Proposal 13346, HD-101190 (D0), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 0D TO 35 D; ORIENT 165D TO 215 D; ORIENT 335D TO 359 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	HD-101190	RA: 11 38 9.9150 (174.5413125d) Dec: -63 11 48.61 (-63.19684d) Equinox: J2000	Proper Motion RA: -4 mas/yr Proper Motion Dec: +1 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=7.33+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 913)	(4) HD-101190	STIS/CCD, ACQ, F28X500II	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
	<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.35 applied before normalization Normalization: Renormalized to Johnson V = 7.33 in magnitudes relative to Vega 32,411 e- (box of 3 x 3 pixels)</i>									
	2	(STIS.sp.51 4956)	(4) HD-101190	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.35 applied before normalization Normalization: Renormalized to Johnson V = 7.33 in magnitudes relative to Vega Aperture: 52X0.05 (675,808e-) x0.25=169,000 for NDA</i>									
	3	(STIS.sp.51 6121)	(4) HD-101190	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230M 2707 A				1691 Secs (1691 Secs) [==>]	[1]
	<i>Comments: M-2707 1691 NDA 473,856 x0.25= 118,000 STIS.sp.516121 PHT=>NDA (TRA:109K)</i>									
4	(STIS.sp.51 4956)	(4) HD-101190	STIS/CCD, ACQ/PEAK, 0.2X0.06	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[2]	
<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.35 applied before normalization Normalization: Renormalized to Johnson V = 7.33 in magnitudes relative to Vega Aperture: 52X0.05 (675,808e-) x1.00=676,000 for 0.2x0.06</i>										
5	(STIS.sp.51 6120)	(4) HD-101190	STIS/NUV-MAMA, ACCUM, 0.2X0.06	E230M 1978 A				1956 Secs (1956 Secs) [==>]	[2]	
<i>Comments: M-1978 1956 SPCM 164,695 STIS.sp.516120 (TRA:168K)</i>										
6	(STIS.sp.51 6119)	(4) HD-101190	STIS/FUV-MAMA, ACCUM, 0.2X0.06	E140M 1425 A				1330 Secs X 2 (2660 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: M-1425 2660 SPCM 150,483 STIS.sp.516119 (TRA:179K)</i>										

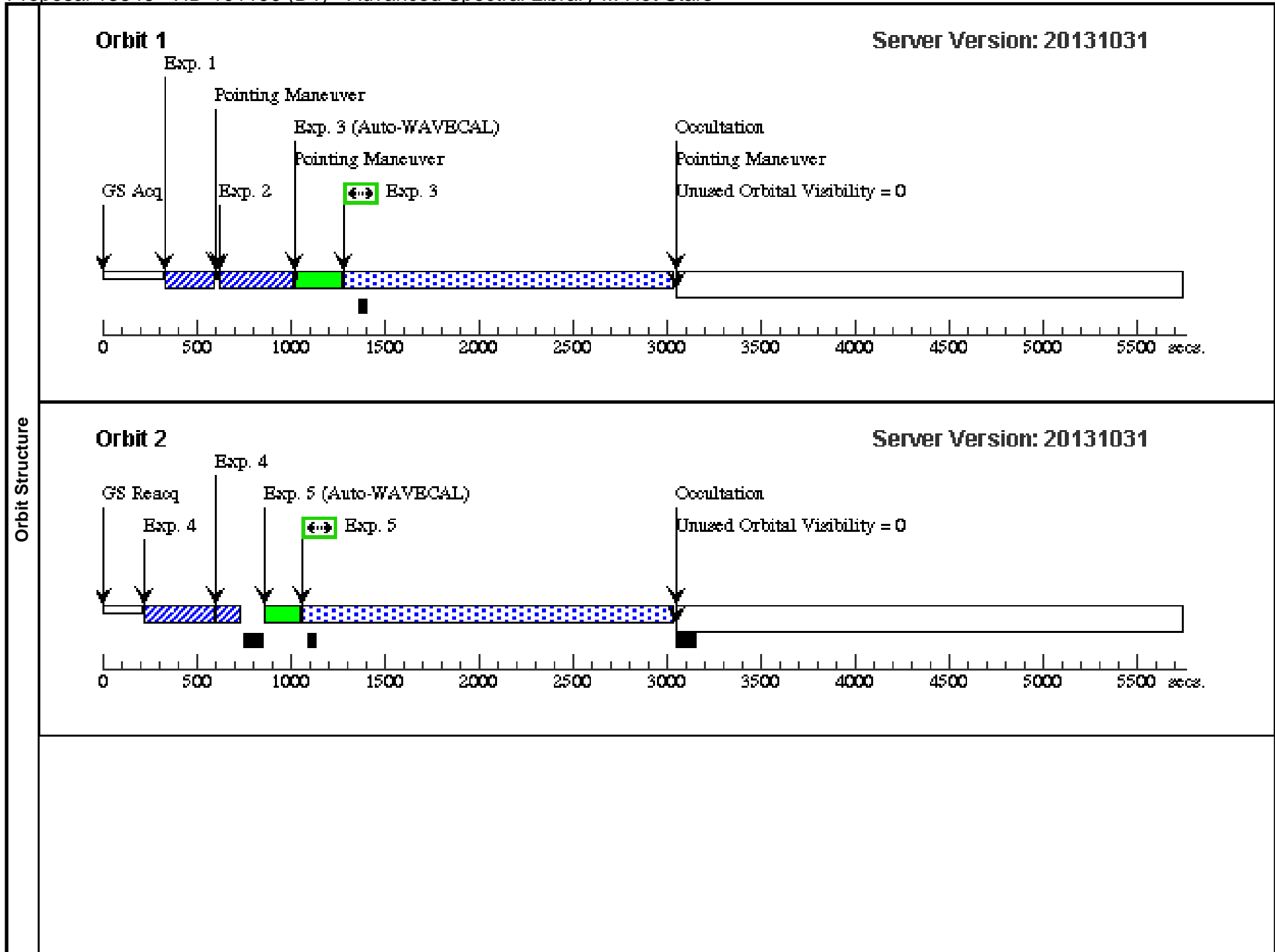


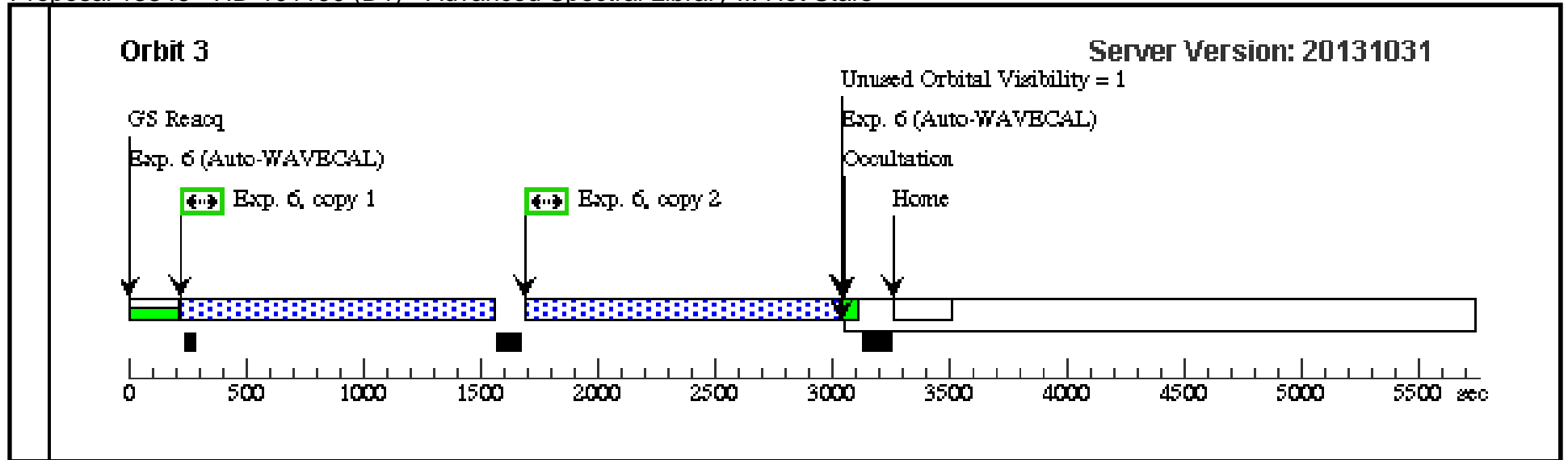


Proposal 13346 - HD-101190 (D1) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:36 GMT 2014

Visit	Proposal 13346, HD-101190 (D1), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 0D TO 35 D; ORIENT 165D TO 215 D; ORIENT 335D TO 359 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	HD-101190	RA: 11 38 9.9150 (174.5413125d) Dec: -63 11 48.61 (-63.19684d) Equinox: J2000	Proper Motion RA: -4 mas/yr Proper Motion Dec: +1 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=7.33+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 913)	(4) HD-101190	STIS/CCD, ACQ, F28X500II	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
	<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.35 applied before normalization Normalization: Renormalized to Johnson V = 7.33 in magnitudes relative to Vega 32,411 e- (box of 3 x 3 pixels)</i>									
	2	(STIS.sp.51 4956)	(4) HD-101190	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.6 Secs (0.6 Secs) [==>]	[1]
	<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.35 applied before normalization Normalization: Renormalized to Johnson V = 7.33 in magnitudes relative to Vega Aperture: 52X0.05 (675,808e-) x0.25=169,000 for NDA texp increased to 0.6s to achieve ~1000k e-</i>									
	3	(STIS.sp.51 6121)	(4) HD-101190	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230M 2707 A				1683 Secs (1683 Secs) [==>]	[1]
	<i>Comments: M-2707 1691 NDA 473,856 x0.25= 118,000 STIS.sp.516121 PHT=>NDA (TRA:109K)</i>									
4	(STIS.sp.51 4956)	(4) HD-101190	STIS/CCD, ACQ/PEAK, 0.2X0.06	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[2]	
<i>Comments: Pickles Models O5V 39810.7K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.35 applied before normalization Normalization: Renormalized to Johnson V = 7.33 in magnitudes relative to Vega Aperture: 52X0.05 (675,808e-) x1.00=676,000 for 0.2x0.06 increased from 0.1s to 0.2s to achieve >1000k e-</i>										
5	(STIS.sp.51 6120)	(4) HD-101190	STIS/NUV-MAMA, ACCUM, 0.2X0.06	E230M 1978 A				1954 Secs (1954 Secs) [==>]	[2]	
<i>Comments: M-1978 1956 SPCM 164,695 STIS.sp.516120 (TRA:168K)</i>										
6	(STIS.sp.51 6119)	(4) HD-101190	STIS/FUV-MAMA, ACCUM, 0.2X0.06	E140M 1425 A				1330 Secs X 2 (2660 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: M-1425 2660 SPCM 150,483 STIS.sp.516119 (TRA:179K)</i>										

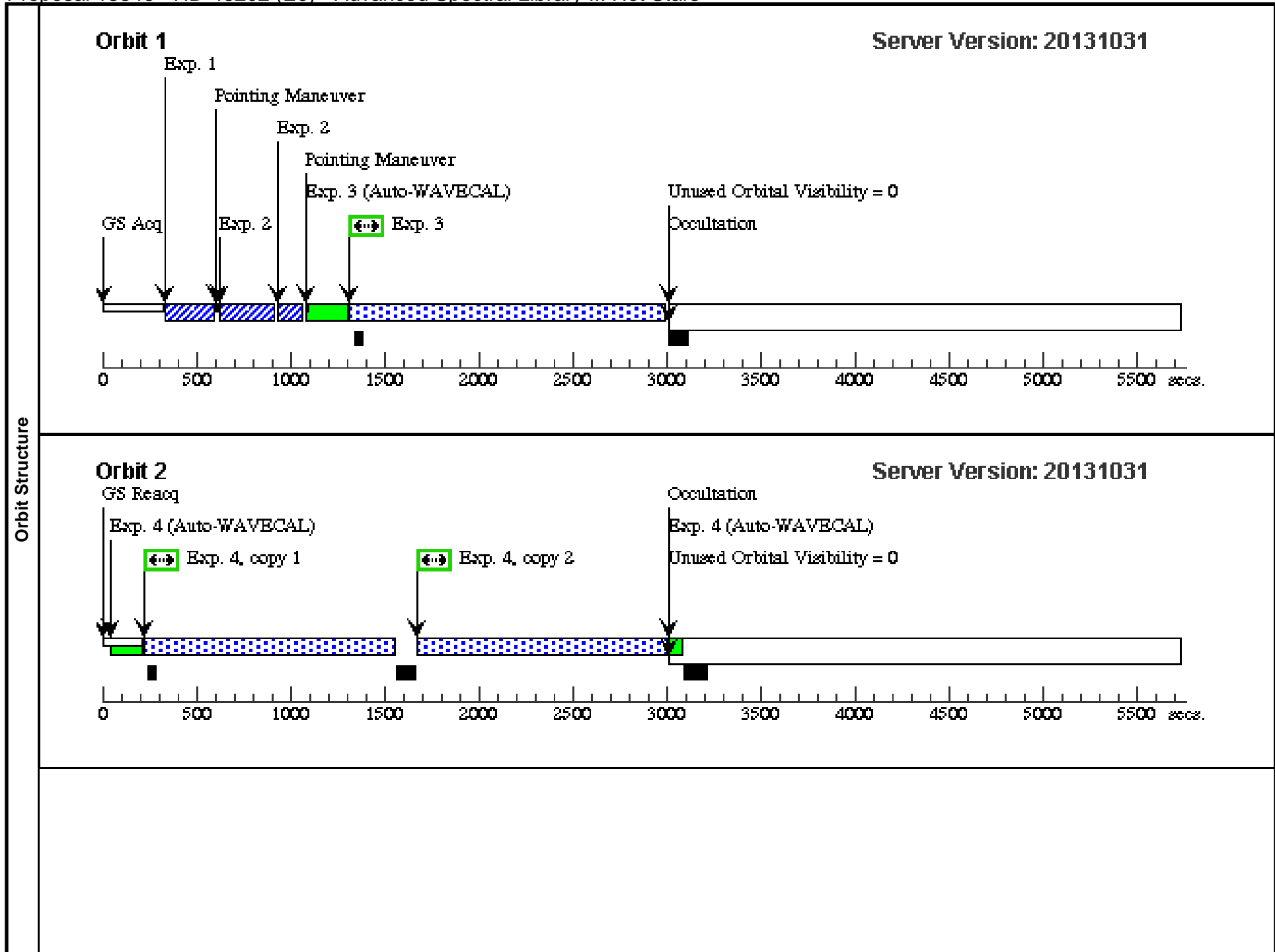


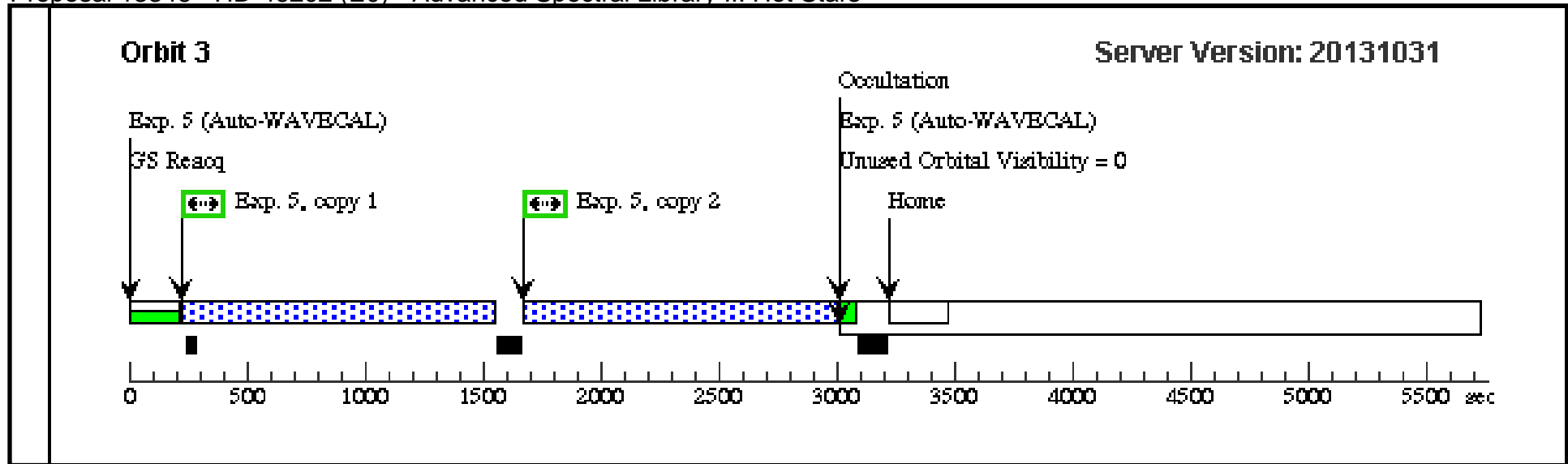


Proposal 13346 - HD-46202 (E0) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:37 GMT 2014

Visit	Proposal 13346, HD-46202 (E0), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	HD-46202	RA: 06 32 10.4730 (98.0436375d) Dec: +04 57 59.82 (4.96662d) Equinox: J2000	Proper Motion RA: -3 mas/yr Proper Motion Dec: +1 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=8.204+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 816)	(5) HD-46202	STIS/CCD, ACQ, F28X500II	MIRROR				1.0 Secs (1 Secs) [==>]	[1]
<i>Comments: Pickles Models B0V 28183.8K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.5 applied before normalization Normalization: Renormalized to Johnson V = 8.2 in magnitudes relative to Vega 33,284 e- (box of 3 x 3 pixels)</i>										
2	(STIS.sp.51 4807)	(5) HD-46202	STIS/CCD, ACQ/PEAK, 0.2X0.09	G750L 7751 A				0.3 Secs (0.3 Secs) [==>]	[1]	
<i>Comments: Pickles Models B0V 28183.8K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.5 applied before normalization Normalization: Renormalized to Johnson V = 8.2 in magnitudes relative to Vega Aperture: 52X0.1 305,040 e- this peakup is used to ensure good photometric accuracy and accurate wavelength scale for this visit (E0); for subsequent visit (E1), peakup is eliminated (E1 can be referenced to E0) texp increased from 0.1s to 0.3 s to achieve ~1000k e-</i>										
3	(STIS.sp.51 6118)	(5) HD-46202	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 2707 A				1668 Secs (1668 Secs) [==>]	[1]	
<i>Comments: M-2707 1671 PHT 116,306 STIS.sp.516118 (TRA:109K)</i>										
4	(STIS.sp.51 6117)	(5) HD-46202	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
<i>Comments: M-1978 2626 PHT 35,965 STIS.sp.516117 (TRA: 36K)</i>										
5	(STIS.sp.51 6116)	(5) HD-46202	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: M-1425 2626 PHT 34,806 STIS.sp.516116 (TRA: 41K)</i>										





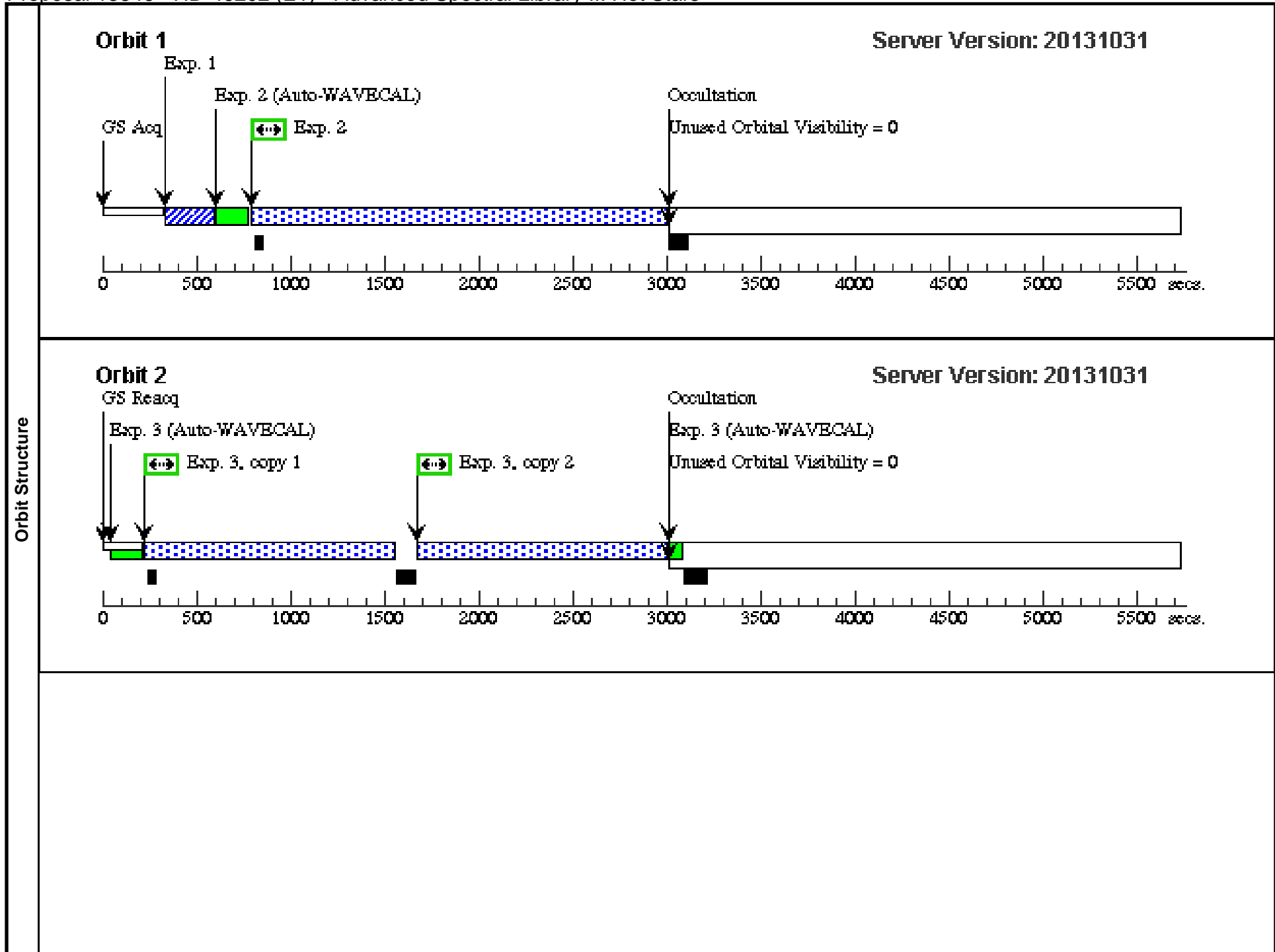
Proposal 13346 - HD-46202 (E1) - Advanced Spectral Library II: Hot Stars

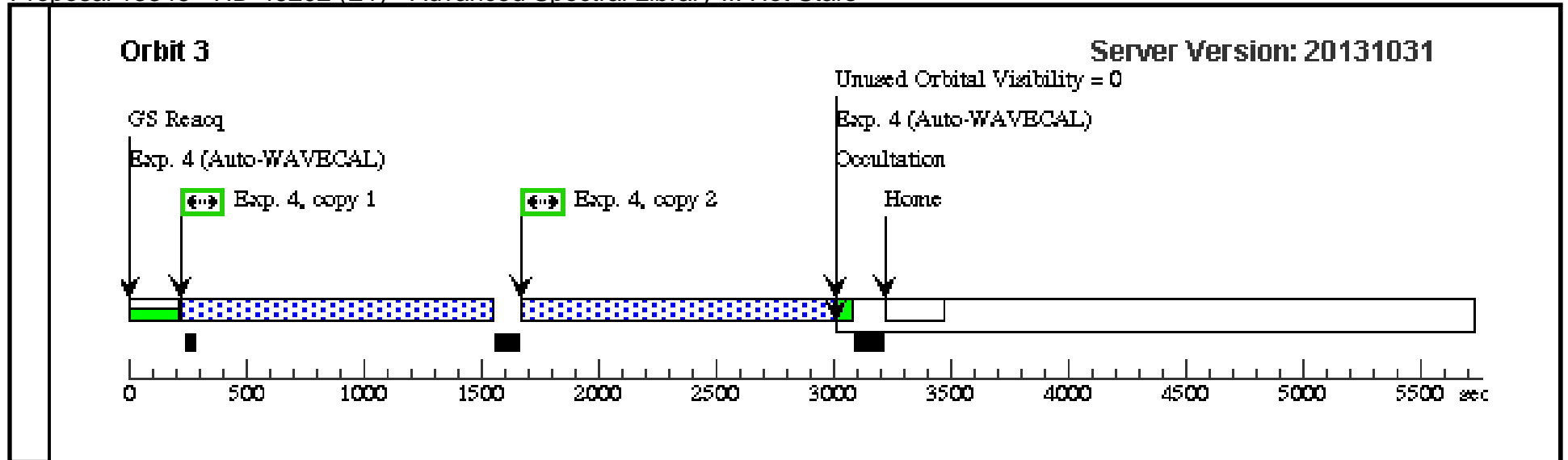
Mon Mar 17 01:20:39 GMT 2014

Visit	Proposal 13346, HD-46202 (E1), scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA				
	Special Requirements: SCHED 100%				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	HD-46202	RA: 06 32 10.4730 (98.0436375d) Dec: +04 57 59.82 (4.96662d) Equinox: J2000	Proper Motion RA: -3 mas/yr Proper Motion Dec: +1 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=8.204+/-0.1	Reference Frame: ICRS

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(STIS.ta.514 816)	(5) HD-46202	STIS/CCD, ACQ, F28X500II	MIRROR					1.0 Secs (1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B0V 28183.8K Extinction E(B-V): Milky Way Diffuse (Rv=3.1) = 0.5 applied before normalization Normalization: Renormalized to Johnson V = 8.2 in magnitudes relative to Vega 33,284 e- (box of 3 x 3 pixels)</i>										
	2	(STIS.sp.51 6118)	(5) HD-46202	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 2707 A					2194 Secs (2194 Secs) [==>]	[1]
	<i>Comments: M-2707 2194 PHT 116,306 STIS.sp.516118 (TRA:109K)</i>										
3	(STIS.sp.51 6117)	(5) HD-46202	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A					1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
<i>Comments: M-1978 2626 PHT 35,965 STIS.sp.516117 (TRA: 36K)</i>											
4	(STIS.sp.51 6116)	(5) HD-46202	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: M-1425 2626 PHT 34,806 STIS.sp.516116 (TRA: 41K)</i>											

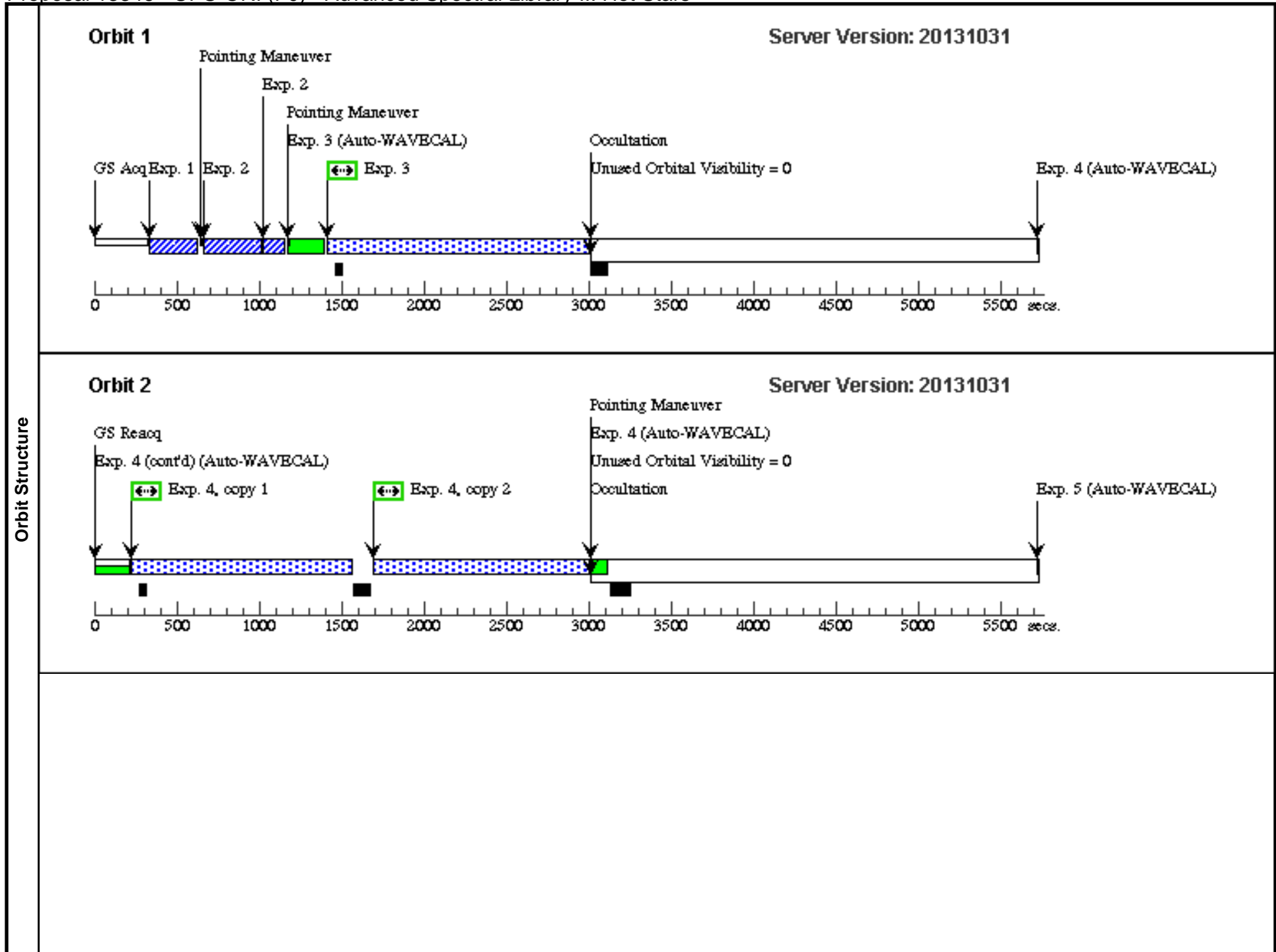




Proposal 13346 - UPS-ORI (F0) - Advanced Spectral Library II: Hot Stars

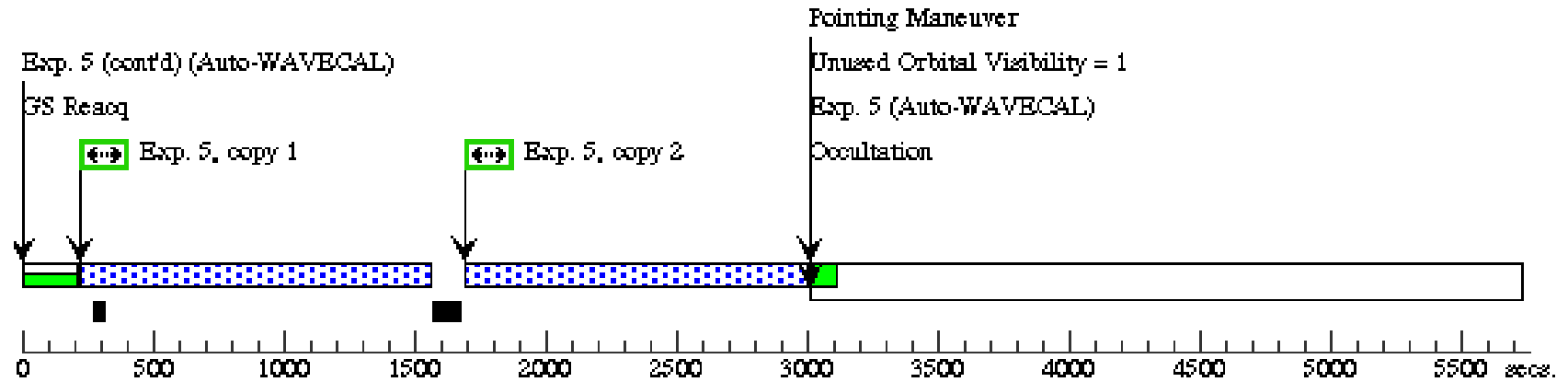
Mon Mar 17 01:20:40 GMT 2014

Visit	Proposal 13346, UPS-ORI (F0), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(6)	UPS-ORI Alt Name1: HD-36512	RA: 05 31 55.8600 (82.9827500d) Dec: -07 18 5.54 (-7.30154d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: -5 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=4.62+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 846)	(6) UPS-ORI	STIS/CCD, ACQ, F25ND3	MIRROR					0.1 Secs (0.1 Secs) [==>]
	<i>Comments: Pickles Models B0V 28183.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.62 in magnitudes relative to Vega</i> <i>42,259 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.56 seconds</i>									
2	(STIS.sp.51 4961)	(6) UPS-ORI	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A					0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B0V 28183.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.62 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(21,633,328 e-) x0.01 = 216,000 for ND2</i>									
3	(STIS.sp.51 6097)	(6) UPS-ORI	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140M 1425 A					1542 Secs (1542 Secs) [==>]	[1]
	<i>Comments: M-1425 1542 ND2 106,889 STIS.sp.516097 (TRA:129K)</i>									
4	(STIS.sp.51 6098)	(6) UPS-ORI	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1271 A					1298 Secs X 2 (2596 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
	<i>Comments: H-1271 2596 ND2 47,431 STIS.sp.516098 (TRA: 72K)</i>									
5	(STIS.sp.51 6099)	(6) UPS-ORI	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230M 1978 A					1296 Secs X 2 (2592 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]
	<i>Comments: M-1978 2592 ND2 71,636 STIS.sp.516099 (TRA: 73K)</i>									
6	(STIS.sp.51 4961)	(6) UPS-ORI	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A					0.1 Secs (0.1 Secs) [==>]	[4]
	<i>Comments: Pickles Models B0V 28183.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.62 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(21,633,328 e-) x0.05x(0.1/0.2) = 540,000 for NDC (0.1s vs. 0.2s of original calculation)</i>									
7	(STIS.sp.51 6100)	(6) UPS-ORI	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230H 2713 A					1866 Secs (1866 Secs) [==>]	[4]
	<i>Comments: H-2713 1866 NDC 3,898,574 x0.05 = 195,000 STIS.sp.516100 PHT=>NDC (TRA:149K)</i>									



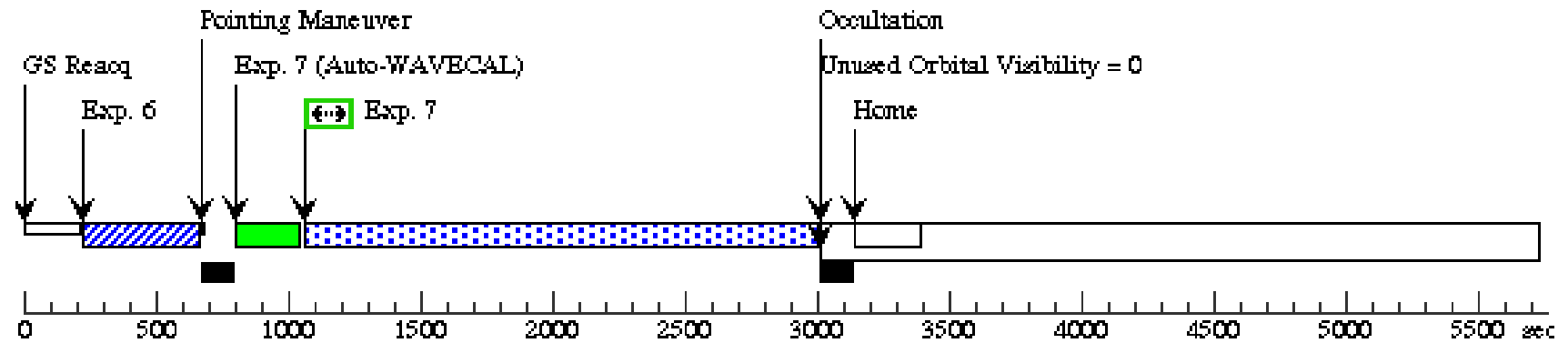
Orbit 3

Server Version: 20131031



Orbit 4

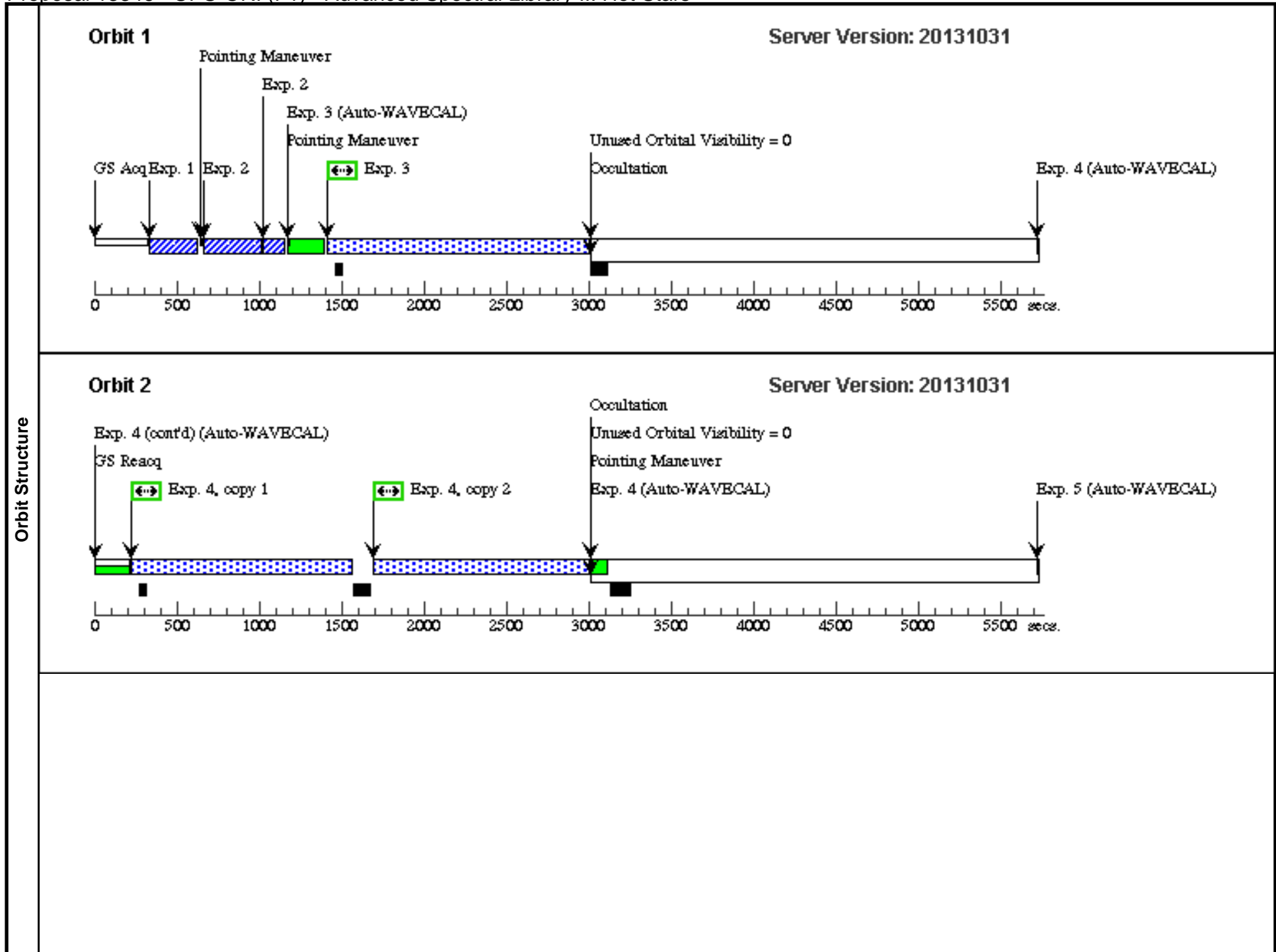
Server Version: 20131031



Proposal 13346 - UPS-ORI (F1) - Advanced Spectral Library II: Hot Stars

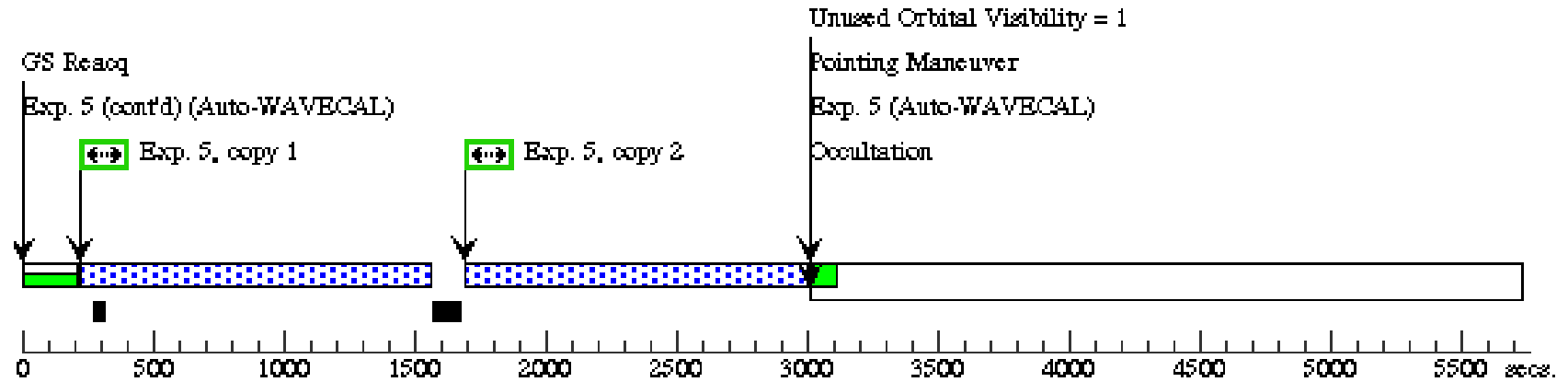
Mon Mar 17 01:20:41 GMT 2014

Visit	Proposal 13346, UPS-ORI (F1), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(6)	UPS-ORI Alt Name1: HD-36512	RA: 05 31 55.8600 (82.9827500d) Dec: -07 18 5.54 (-7.30154d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: -5 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=4.62+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 846)	(6) UPS-ORI	STIS/CCD, ACQ, F25ND3	MIRROR					0.1 Secs (0.1 Secs) [==>]
	<i>Comments: Pickles Models B0V 28183.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.62 in magnitudes relative to Vega</i> <i>42,259 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.56 seconds</i>									
2	(STIS.sp.51 4961)	(6) UPS-ORI	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A					0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B0V 28183.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.62 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(21,633,328 e-) x 0.01 = 216,000 for ND2</i>									
3	(STIS.sp.51 6097)	(6) UPS-ORI	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140M 1425 A					1542 Secs (1542 Secs) [==>]	[1]
	<i>Comments: M-1425 1542 ND2 106,889 STIS.sp.516097 (TRA:129K)</i>									
4	(STIS.sp.51 6098)	(6) UPS-ORI	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1271 A					1298 Secs X 2 (2596 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
	<i>Comments: H-1271 2596 ND2 47,431 STIS.sp.516098 (TRA: 72K)</i>									
5	(STIS.sp.51 6099)	(6) UPS-ORI	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230M 1978 A					1296 Secs X 2 (2592 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]
	<i>Comments: M-1978 2592 ND2 71,636 STIS.sp.516099 (TRA: 73K)</i>									
6	(STIS.sp.51 4961)	(6) UPS-ORI	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A					0.1 Secs (0.1 Secs) [==>]	[4]
	<i>Comments: Pickles Models B0V 28183.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.62 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(21,633,328 e-) x 0.05x(0.1/0.2) = 540,000 for NDC (0.1s vs. 0.2s of original calculation)</i>									
7	(STIS.sp.51 6100)	(6) UPS-ORI	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230H 2713 A					1866 Secs (1866 Secs) [==>]	[4]
	<i>Comments: H-2713 1866 NDC 3,898,574 x0.05 = 195,000 STIS.sp.516100 PHT=>NDC (TRA:149K)</i>									



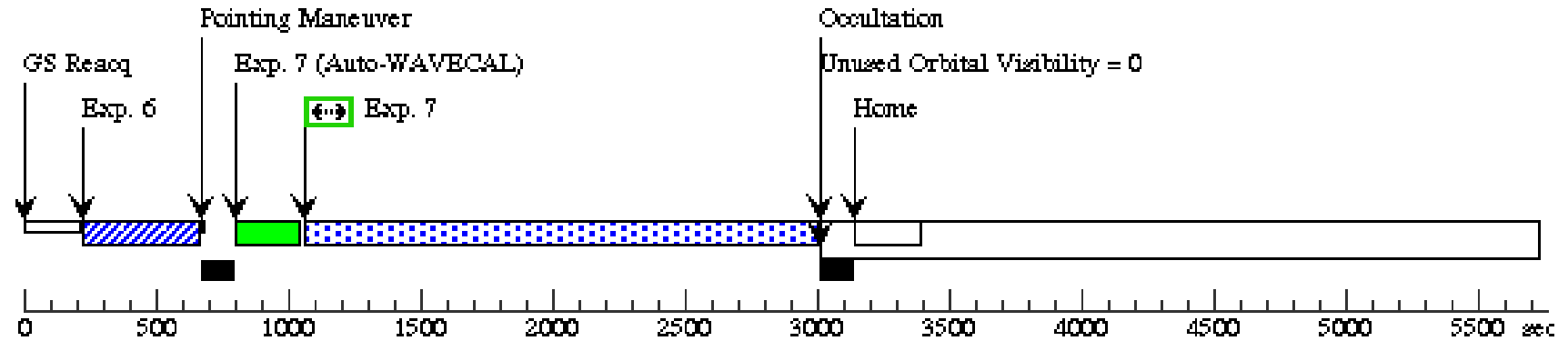
Orbit 3

Server Version: 20131031



Orbit 4

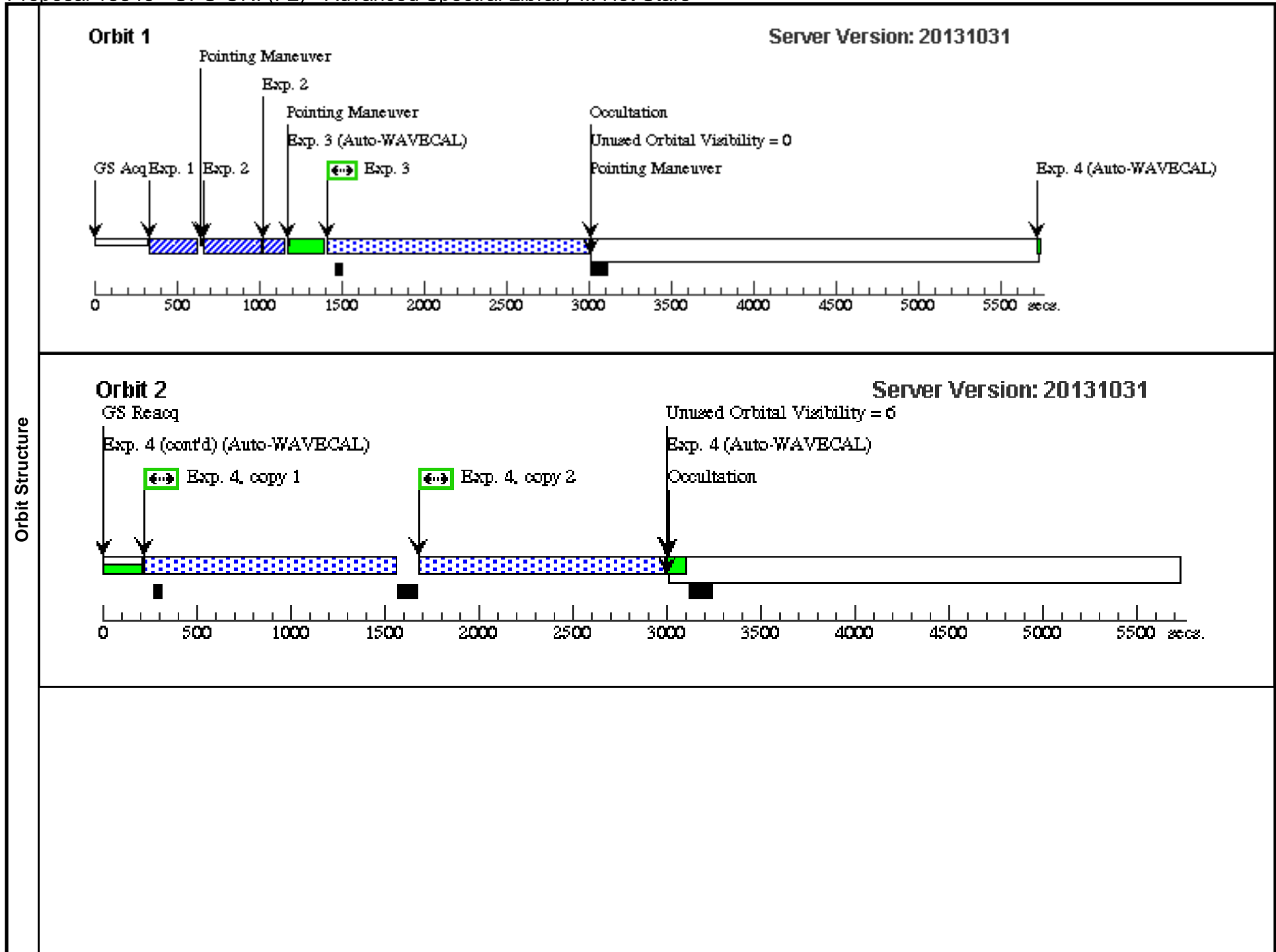
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Proposal 13346 - UPS-ORI (F2) - Advanced Spectral Library II: Hot Stars

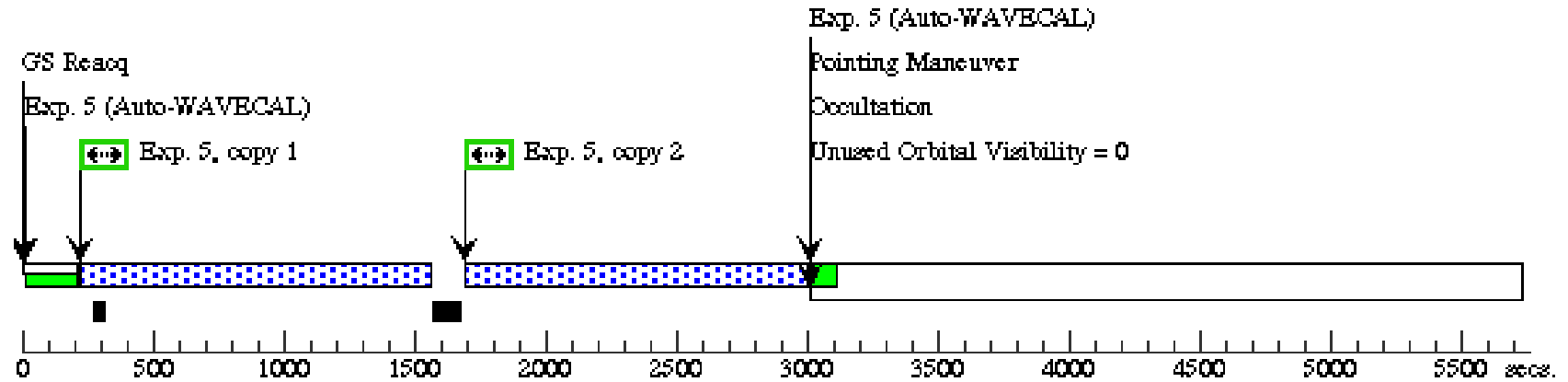
Mon Mar 17 01:20:42 GMT 2014

Visit	Proposal 13346, UPS-ORI (F2), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(6)	UPS-ORI Alt Name1: HD-36512	RA: 05 31 55.8600 (82.9827500d) Dec: -07 18 5.54 (-7.30154d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: -5 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=4.62+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 846)	(6) UPS-ORI	STIS/CCD, ACQ, F25ND3	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B0V 28183.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.62 in magnitudes relative to Vega</i> <i>42,259 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.56 seconds</i>									
2	(STIS.sp.51 4961)	(6) UPS-ORI	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[1]	
	<i>Comments: Pickles Models B0V 28183.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.62 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(21,633,328 e-) x0.01 = 216,000 for ND2</i>									
3	(STIS.sp.51 6097)	(6) UPS-ORI	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140M 1425 A				1542 Secs (1542 Secs) [==>]	[1]	
	<i>Comments: M-1425 1542 ND2 106,889 STIS.sp.516097 (TRA:129K)</i>									
4	(STIS.sp.51 6159)	(6) UPS-ORI	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2463 A				1295 Secs X 2 (2590 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
	<i>Comments: H-2463 1852 NDC 4,904,884x0.042 = 206,000 STIS.sp.516159 PHT=>NDC (TRA:191K) !!!</i>									
5	(STIS.sp.51 6160)	(6) UPS-ORI	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2513 A				1298 Secs X 2 (2596 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
	<i>Comments: H-2513 2564 NDC 4,681,433x0.042 = 197,000 STIS.sp.516160 PHT=>NDC (TRA:189K)</i>									
6	(STIS.sp.51 4961)	(6) UPS-ORI	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
	<i>Comments: Pickles Models B0V 28183.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.62 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(21,633,328 e-) x0.05x(0.1/0.2) = 541,000 for NDC (0.1s vs. 0.2s of original calculation)</i>									
7	(STIS.sp.51 6103)	(6) UPS-ORI	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230H 2912 A				1863 Secs (1863 Secs) [==>]	[4]	
	<i>Comments: H-2912 2570 NDC 2,356,224 x0.05 = 118,000 STIS.sp.516103 PHT=>NDC (TRA: 94K)</i>									



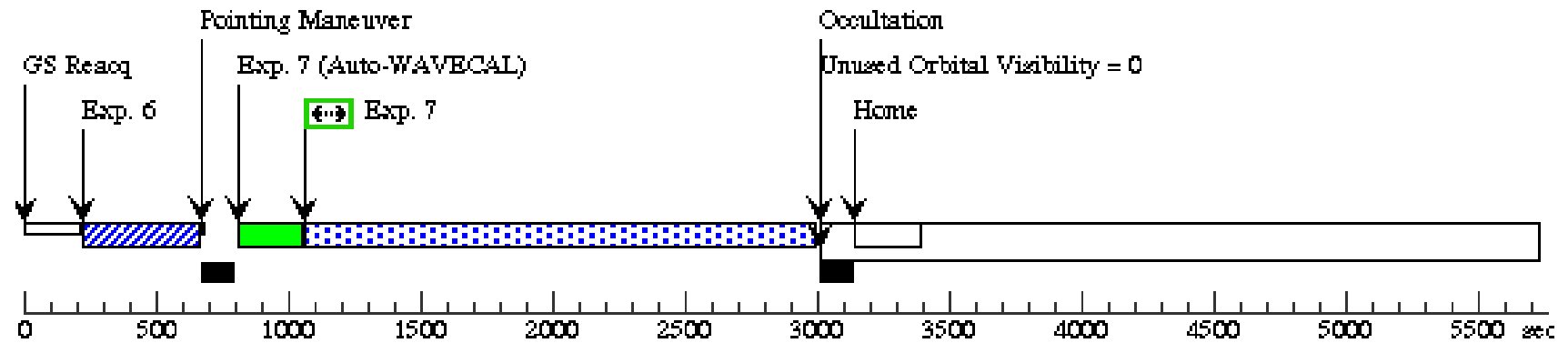
Orbit 3

Server Version: 20131031



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Server Version: 20131031

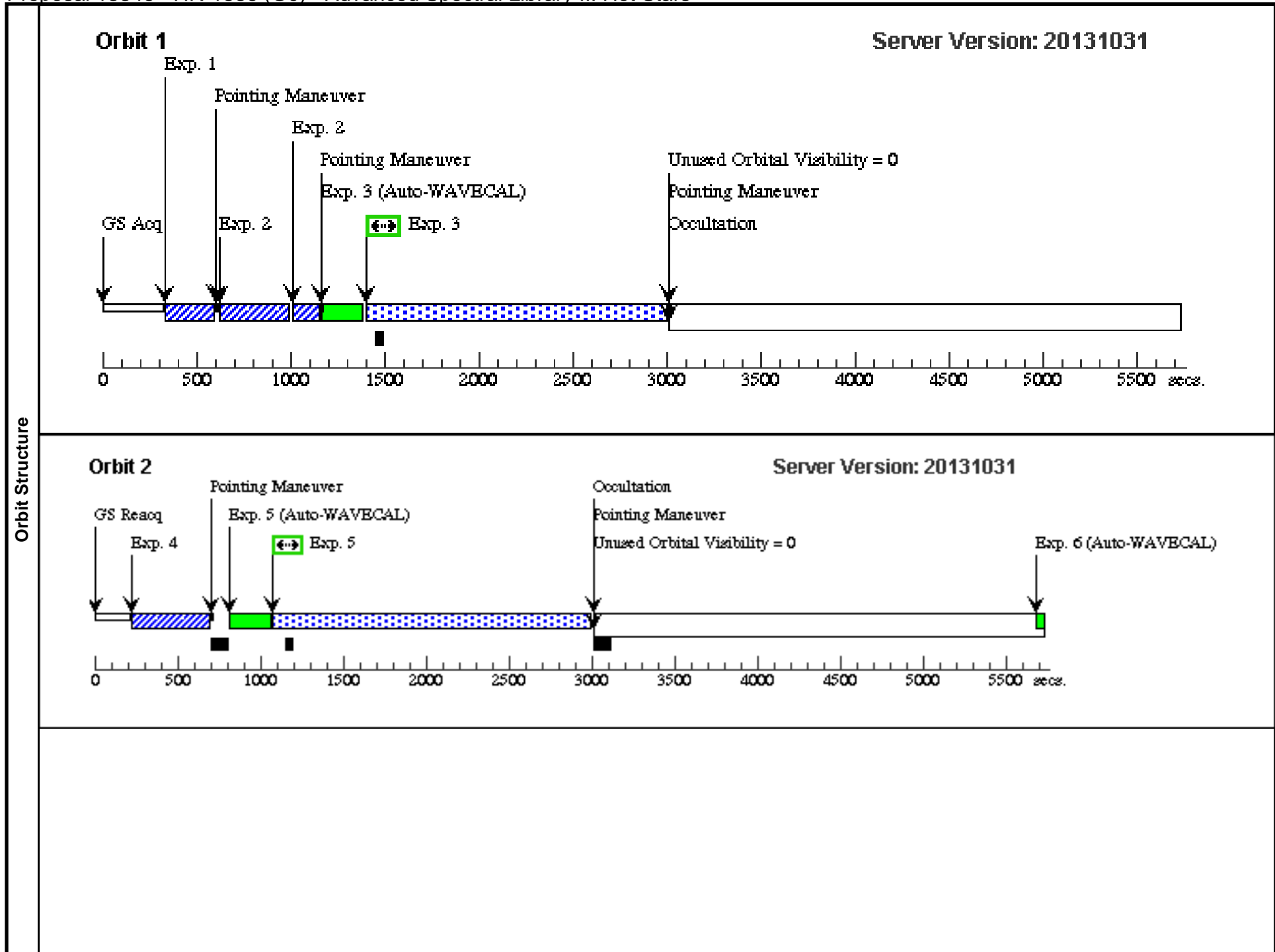


Proposal 13346 - HR-1886 (G0) - Advanced Spectral Library II: Hot Stars

Visit	Proposal 13346, HR-1886 (G0), scheduling Mon Mar 17 01:20:44 GMT 2014 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 15D TO 135 D; ORIENT 195D TO 315 D					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(7)		HR-1886 Alt Name1: HD-36959	RA: 05 35 1.0060 (83.7541917d) Dec: -06 00 33.38 (-6.00927d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: -2 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=5.67+/-0.1	Reference Frame: ICRS

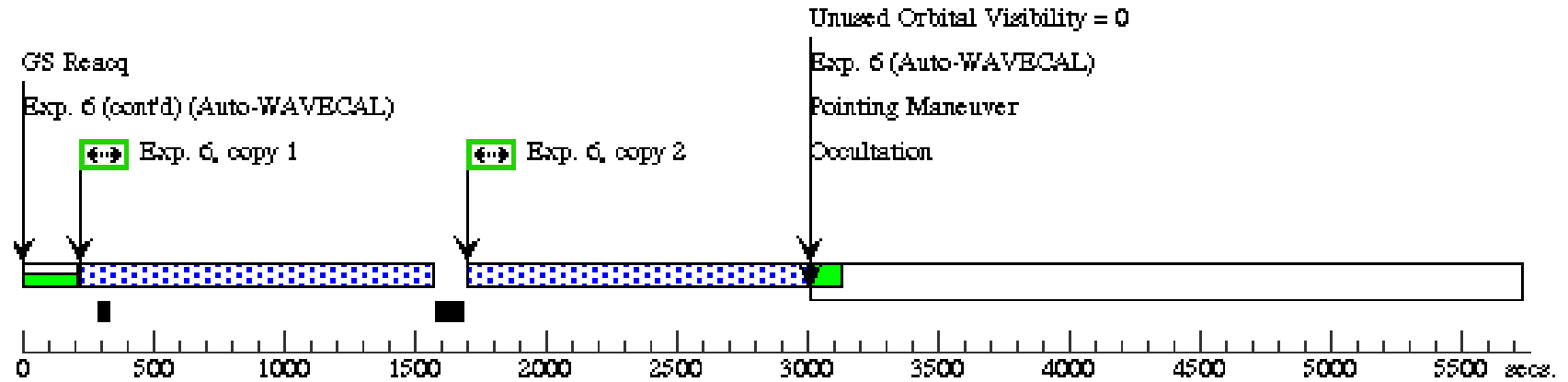
Proposal 13346 - HR-1886 (G0) - Advanced Spectral Library II: Hot Stars

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(STIS.ta.514 (7) HR-1886 903)	STIS/CCD, ACQ, F28X500II	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<p><i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega</i> <i>59,653 e-</i> <i>Time to Saturation (for a single exposure) = 0.36 seconds</i></p>								
	2	(STIS.sp.51 (7) HR-1886 4968)	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				1.3 Secs (1.3 Secs) [==>]	[1]
	<p><i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,724,096 e-) x0.05= 186,000 for NDC</i> <i>aperture switch to ND2; texp increase to 0.25s</i> <i>(3,724,096 e-) x0.02x(0.2/0.1)= 149,000 for ND2</i> <i>0.2s texp increased to 1.0 to improve CR</i></p>								
	3	(STIS.sp.51 (7) HR-1886 6090)	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140M 1425 A				1552 Secs (1552 Secs) [==>]	[1]
	<p><i>Comments: M-1425 1657 NDC 3,499,489 x0.05= 175,000 STIS.sp.516090 PHT=>NDC (TRA:164K)</i> <i>changed to ND2 Dec `13 based on STScI safety check</i></p>								
	4	(STIS.sp.51 (7) HR-1886 4968)	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.5 Secs (0.5 Secs) [==>]	[2]
	<p><i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,724,096 e-) x0.05= 186,000 for NDC</i> <i>0.1s increased to 0.5s (~1000k e-)</i></p>								
5	(STIS.sp.51 (7) HR-1886 6091)	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140H 1271 A				1851 Secs (1851 Secs) [==>]	[2]	
<p><i>Comments: H-1271 2572 NDB 1,766,420 x0.10= 177,000 STIS.sp.516091 PHT=>NDB (TRA:219K)</i></p>									
6	(STIS.sp.51 (7) HR-1886 6092)	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230M 1978 A				1287 Secs X 2 (2574 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<p><i>Comments: M-1978 2574 NDC 2,849,335 x0.05= 142,000 STIS.sp.516092 PHT=>NDC (TRA:109K)</i></p>									
7	(STIS.sp.51 (7) HR-1886 4968)	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.3 Secs (0.3 Secs) [==>]	[4]	
<p><i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,724,096 e-) x0.10= 372,000 for NDB</i> <i>0.1s increased to 0.3s (~1000k e-)</i></p>									
8	(STIS.sp.51 (7) HR-1886 6093)	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2713 A				1866 Secs (1866 Secs) [==>]	[4]	
<p><i>Comments: H-2713 1869 NDB 1,057,022 x0.10= 106,000 STIS.sp.516093 PHT=>NDB (TRA: 70K)</i></p>									



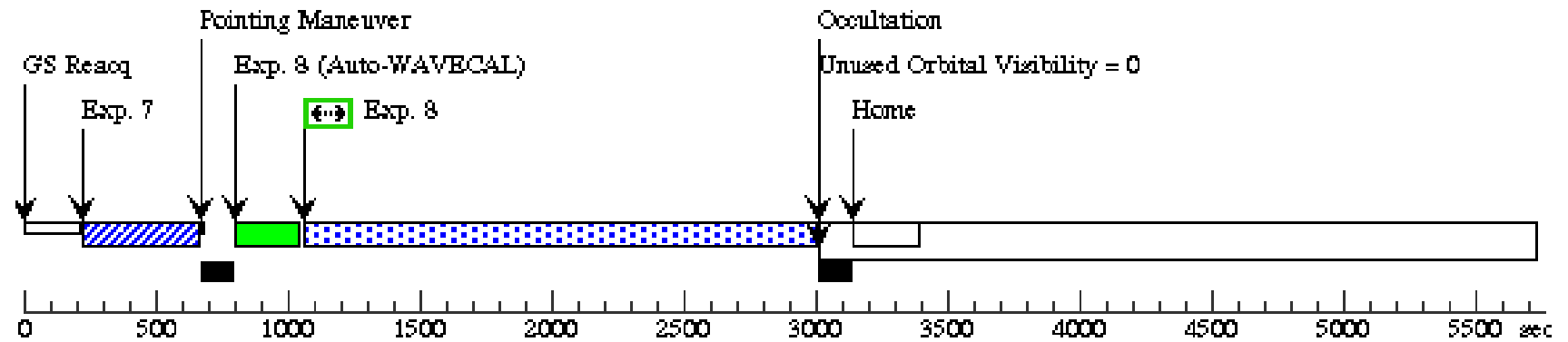
Orbit 3

Server Version: 20131031



Orbit 4

Server Version: 20131031

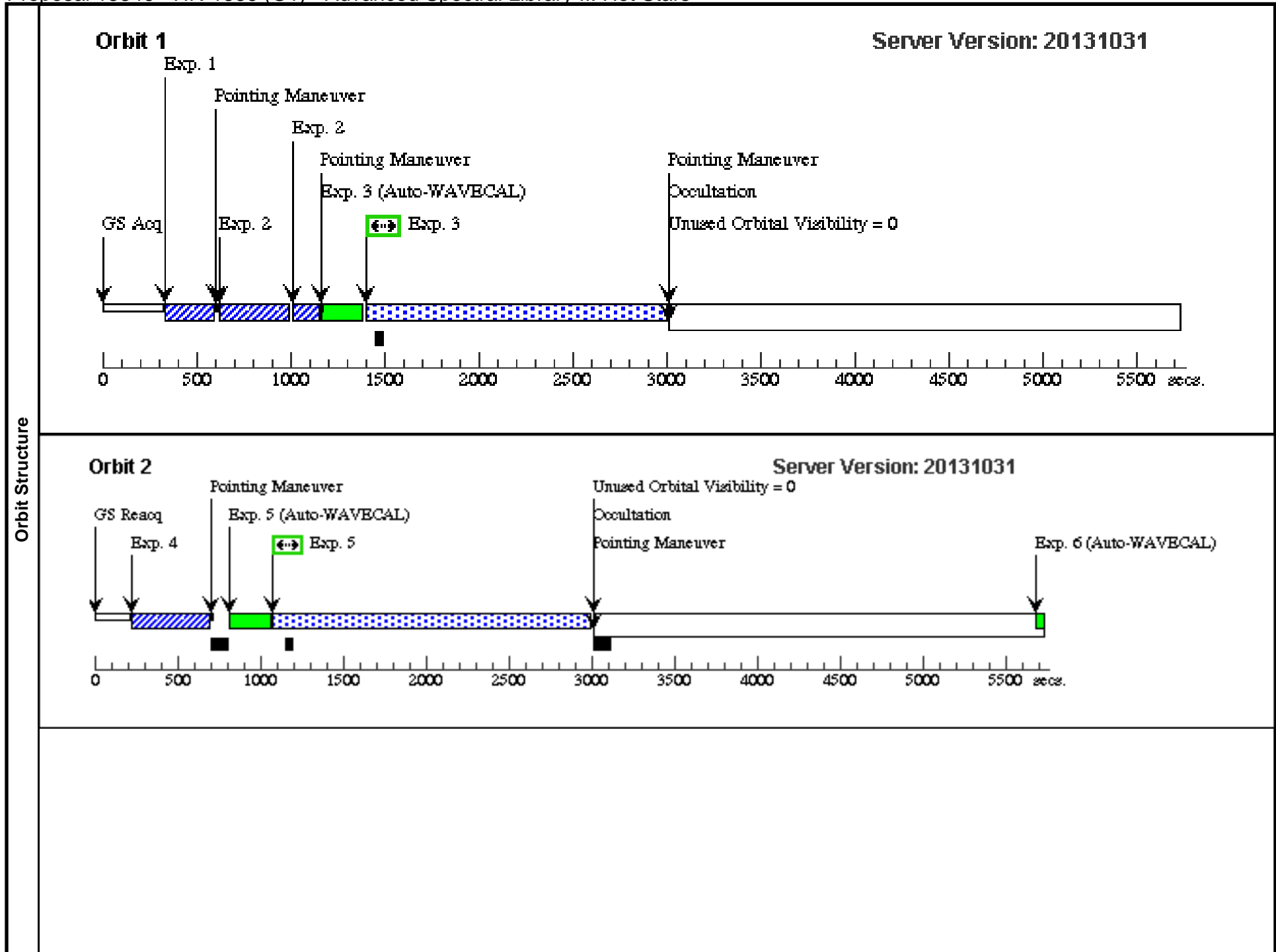


Proposal 13346 - HR-1886 (G1) - Advanced Spectral Library II: Hot Stars

Visit	Proposal 13346, HR-1886 (G1), scheduling Mon Mar 17 01:20:45 GMT 2014 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 15D TO 135 D; ORIENT 195D TO 315 D					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(7)		HR-1886 Alt Name1: HD-36959	RA: 05 35 1.0060 (83.7541917d) Dec: -06 00 33.38 (-6.00927d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: -2 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=5.67+/-0.1	Reference Frame: ICRS

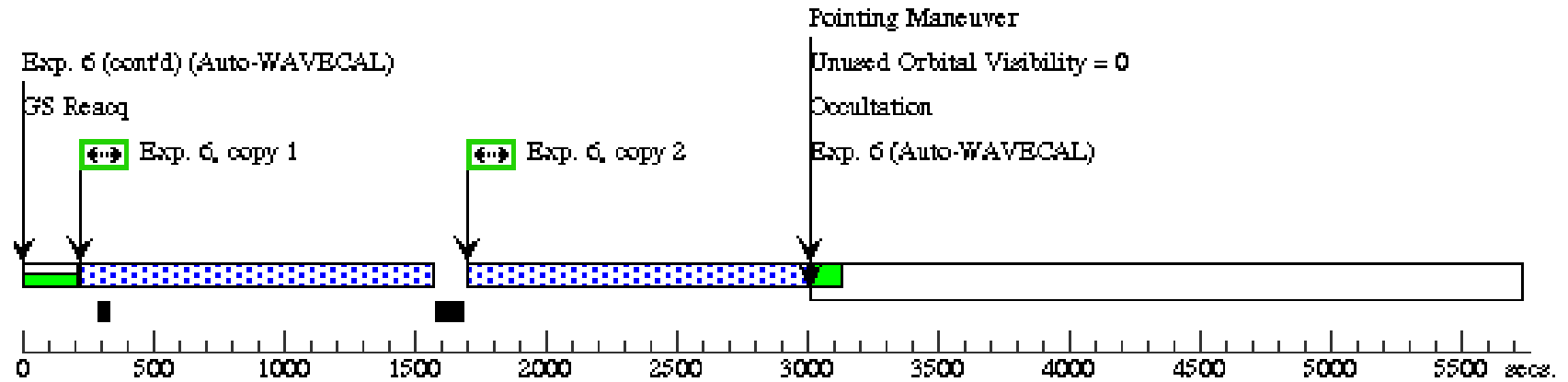
Proposal 13346 - HR-1886 (G1) - Advanced Spectral Library II: Hot Stars

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(STIS.ta.514 (7) HR-1886 903)	STIS/CCD, ACQ, F28X500II	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<p><i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega</i> <i>59,653 e-</i> <i>Time to Saturation (for a single exposure) = 0.36 seconds</i></p>								
	2	(STIS.sp.51 (7) HR-1886 4968)	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				1.3 Secs (1.3 Secs) [==>]	[1]
	<p><i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,724,096 e-) x0.05= 186,000 for NDC</i> <i>aperture switch to ND2; texp increase to 0.25s</i> <i>(3,724,096 e-) x0.02x(0.2/0.1)= 149,000 for ND2</i> <i>0.2s texp increased to 1.0 to improve CR</i></p>								
	3	(STIS.sp.51 (7) HR-1886 6090)	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140M 1425 A				1552 Secs (1552 Secs) [==>]	[1]
	<p><i>Comments: M-1425 1657 NDC 3,499,489 x0.05= 175,000 STIS.sp.516090 PHT=>NDC (TRA:164K)</i> <i>changed to ND2 Dec `13 based on STScI safety check</i></p>								
	4	(STIS.sp.51 (7) HR-1886 4968)	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.5 Secs (0.5 Secs) [==>]	[2]
	<p><i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,724,096 e-) x0.05= 186,000 for NDC</i> <i>0.1s increased to 0.5s (~1000k e-)</i></p>								
5	(STIS.sp.51 (7) HR-1886 6091)	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140H 1271 A				1851 Secs (1851 Secs) [==>]	[2]	
<p><i>Comments: H-1271 2572 NDB 1,766,420 x0.10= 177,000 STIS.sp.516091 PHT=>NDB (TRA:219K)</i></p>									
6	(STIS.sp.51 (7) HR-1886 6092)	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230M 1978 A				1287 Secs X 2 (2574 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<p><i>Comments: M-1978 2574 NDC 2,849,335 x0.05= 142,000 STIS.sp.516092 PHT=>NDC (TRA:109K)</i></p>									
7	(STIS.sp.51 (7) HR-1886 4968)	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.3 Secs (0.3 Secs) [==>]	[4]	
<p><i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,724,096 e-) x0.10= 372,000 for NDB</i> <i>0.1s increased to 0.3s (~1000k e-)</i></p>									
8	(STIS.sp.51 (7) HR-1886 6093)	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2713 A				1866 Secs (1866 Secs) [==>]	[4]	
<p><i>Comments: H-2713 1869 NDB 1,057,022 x0.10= 106,000 STIS.sp.516093 PHT=>NDB (TRA: 70K)</i></p>									



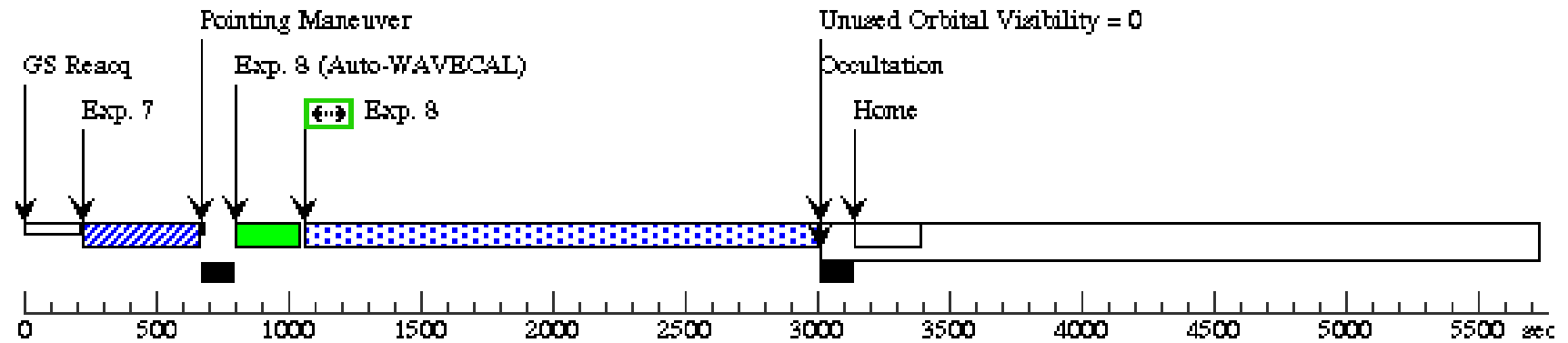
Orbit 3

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Orbit 4

Server Version: 20131031

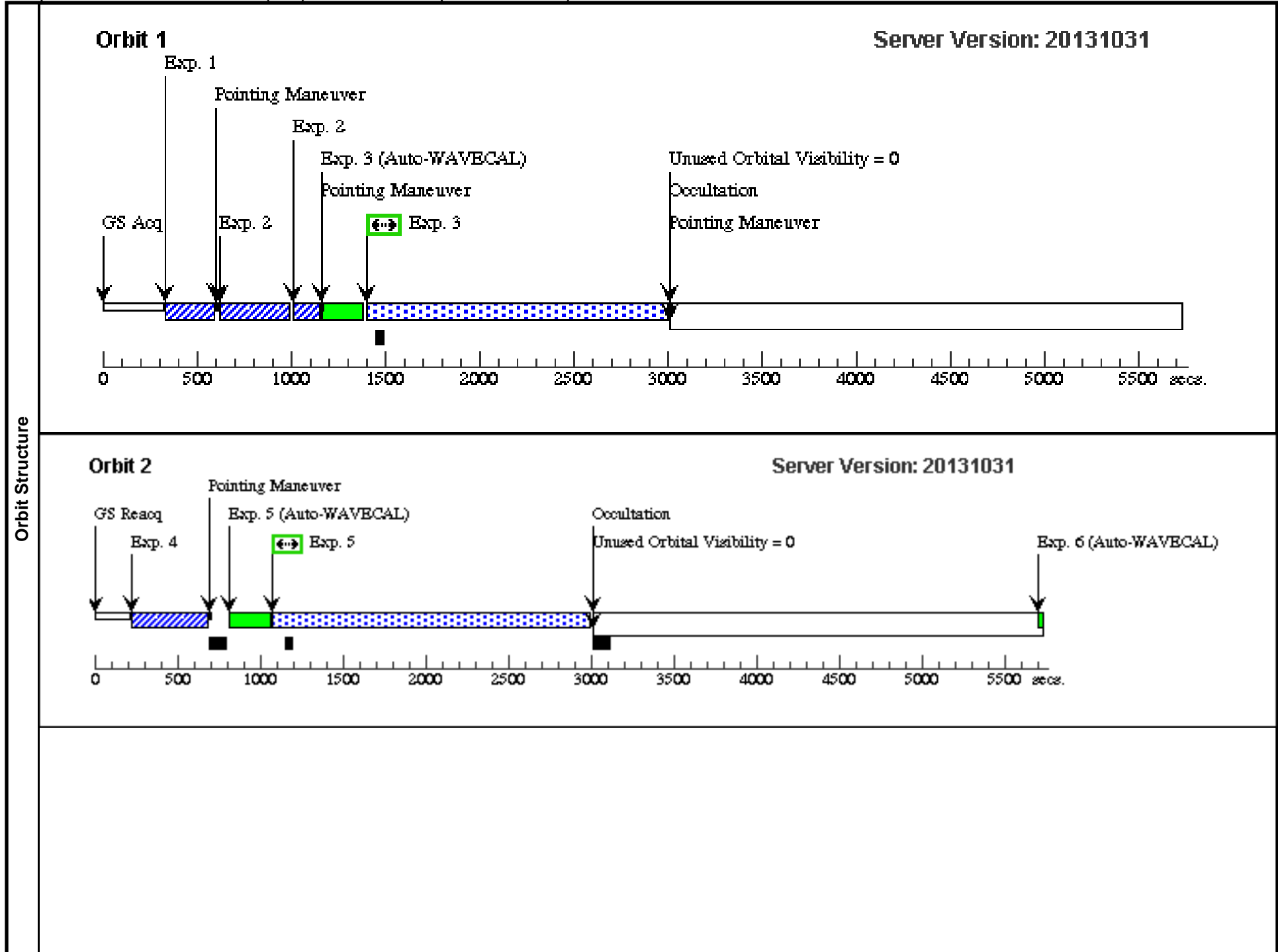


Proposal 13346 - HR-1886 (G2) - Advanced Spectral Library II: Hot Stars

Visit	Proposal 13346, HR-1886 (G2), scheduling Mon Mar 17 01:20:46 GMT 2014 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 15D TO 135 D; ORIENT 195D TO 315 D					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(7)		HR-1886 Alt Name1: HD-36959	RA: 05 35 1.0060 (83.7541917d) Dec: -06 00 33.38 (-6.00927d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: -2 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=5.67+/-0.1	Reference Frame: ICRS

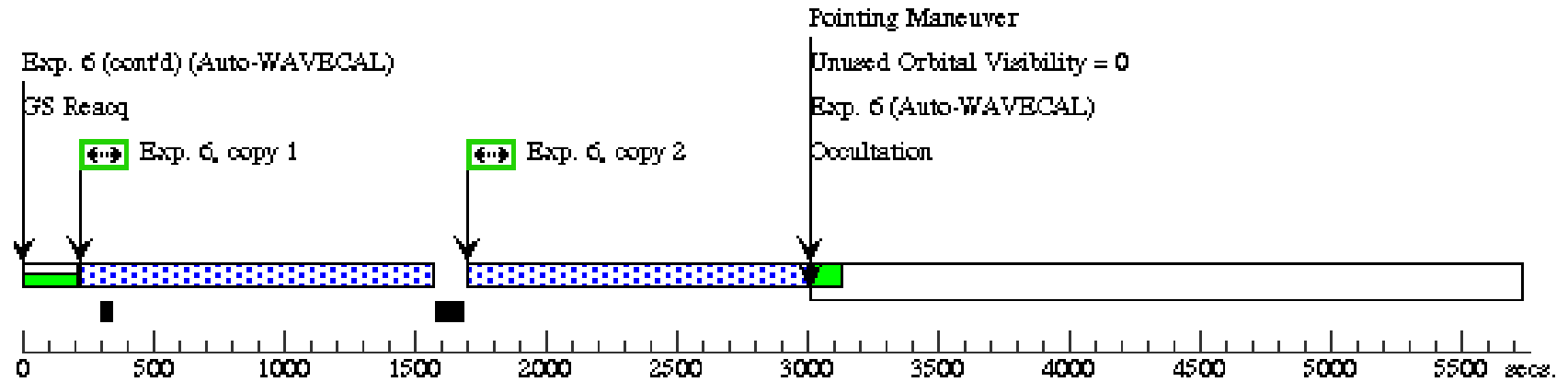
Proposal 13346 - HR-1886 (G2) - Advanced Spectral Library II: Hot Stars

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(STIS.ta.514 (7) HR-1886 903)	STIS/CCD, ACQ, F28X500II	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<p>Comments: Pickles Models BIV 22387.2K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega 59,653 e- Time to Saturation (for a single exposure) = 0.36 seconds</p>								
	2	(STIS.sp.51 (7) HR-1886 4968)	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				1.3 Secs (1.3 Secs) [==>]	[1]
	<p>Comments: Pickles Models BIV 22387.2K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega Aperture: 52X0.05 (3,724,096 e-) x0.05= 186,000 for NDC aperture switch to ND2; texp increase to 0.25s (3,724,096 e-) x0.02x(0.2/0.1)= 149,000 for ND2 texp increased from 0.2s to 1.3s to improve CR</p>								
	3	(STIS.sp.51 (7) HR-1886 6090)	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140M 1425 A				1552 Secs (1552 Secs) [==>]	[1]
	<p>Comments: M-1425 1657 NDC 3,499,489 x0.05= 175,000 STIS.sp.516090 PHT=>NDC (TRA:164K) changed to ND2 Dec `13 based on STScI safety check</p>								
	4	(STIS.sp.51 (7) HR-1886 4968)	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.3 Secs (0.3 Secs) [==>]	[2]
	<p>Comments: Pickles Models BIV 22387.2K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega Aperture: 52X0.05 (3,724,096 e-) x0.10= 372,000 for NDB increased from 0.1s to 0.3s to improve CR</p>								
5	(STIS.sp.51 (7) HR-1886 6094)	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2463 A				1853 Secs (1853 Secs) [==>]	[2]	
<p>Comments: H-2463 1915 NDB 1,279,697 x0.10= 128,000 STIS.sp.516094 PHT=>NDB (TRA: 97K)</p>									
6	(STIS.sp.51 (7) HR-1886 6095)	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2513 A				1286 Secs X 2 (2572 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<p>Comments: H-2513 2572 NDB 1,229,600 x0.10= 123,000 STIS.sp.516095 PHT=>NDB (TRA: 94K)</p>									
7	(STIS.sp.51 (7) HR-1886 4968)	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
<p>Comments: Pickles Models BIV 22387.2K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 5.67 in magnitudes relative to Vega Aperture: 52X0.05 (3,724,096 e-) x0.25= 931,000 for NDA</p>									
8	(STIS.sp.51 (7) HR-1886 6096)	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2912 A				1875 Secs (1875 Secs) [==>]	[4]	
<p>Comments: H-2912 1875 NDA 664,841 x0.25= 166,000 STIS.sp.516096 PHT=>NDA (TRA:137K)</p>									



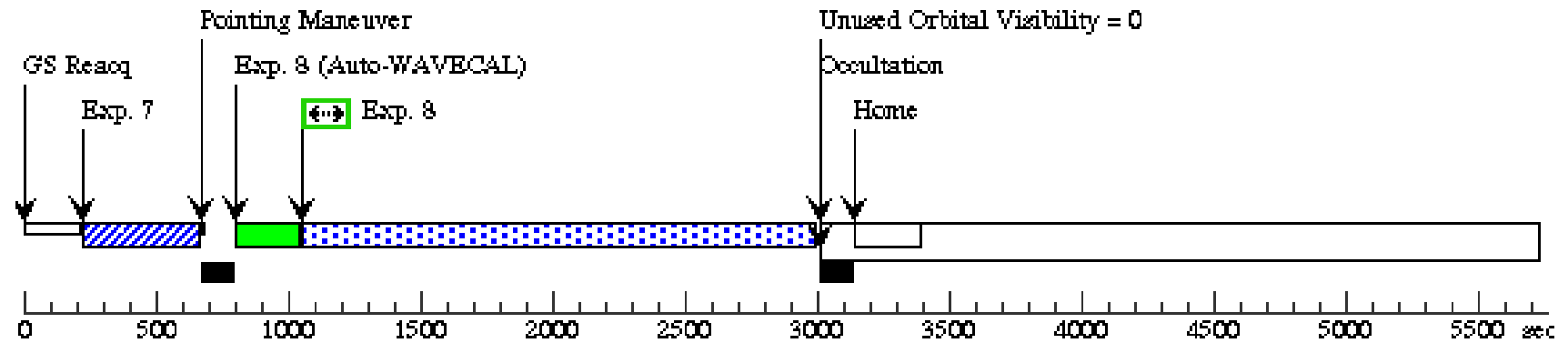
Orbit 3

Server Version: 20131031



Orbit 4

Server Version: 20131031

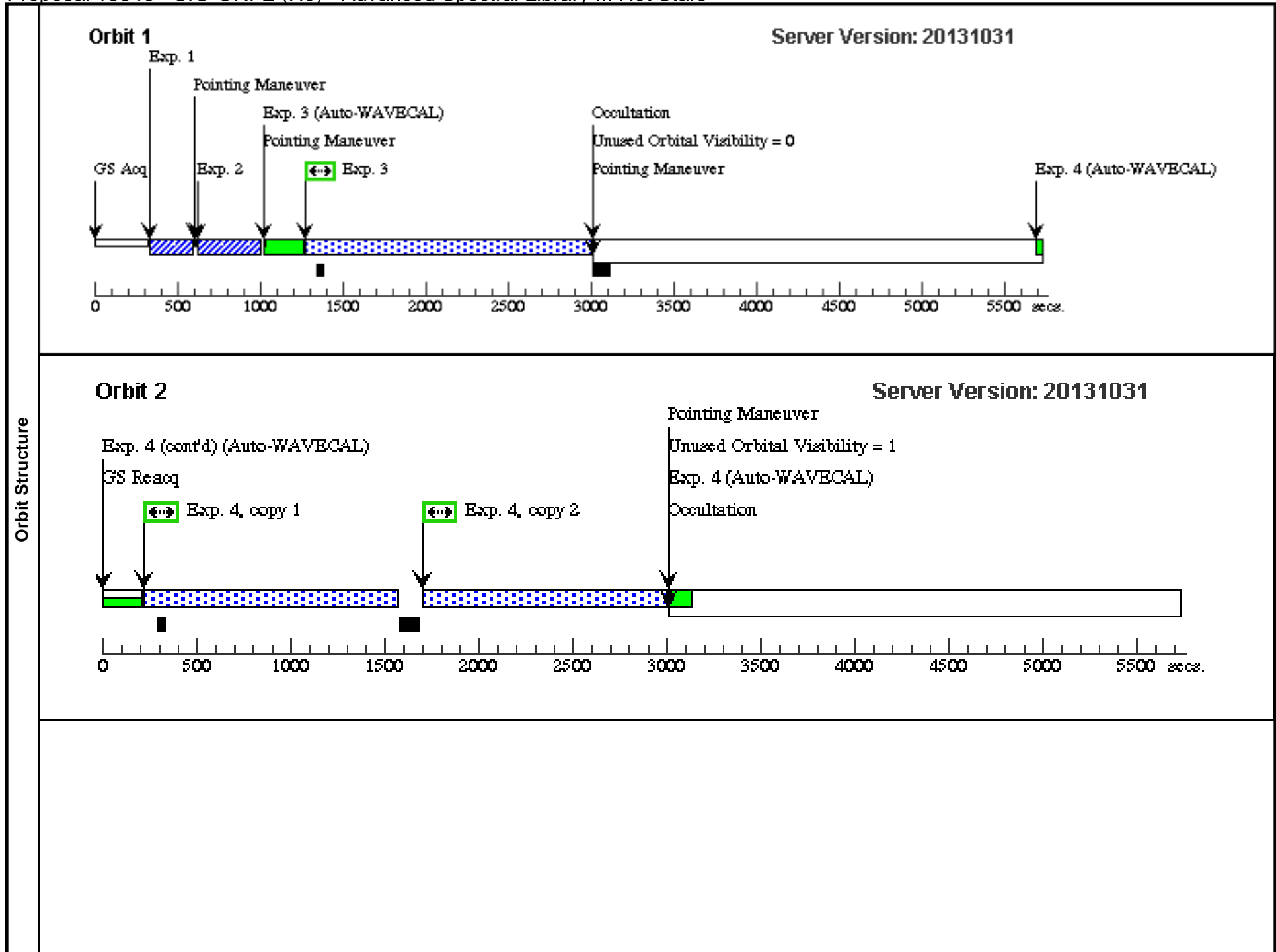


Proposal 13346 - SIG-ORI-E (H0) - Advanced Spectral Library II: Hot Stars

Visit	Proposal 13346, SIG-ORI-E (H0), completed Mon Mar 17 01:20:47 GMT 2014 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(8)		SIG-ORI-E Alt Name1: HD-37479	RA: 05 38 47.1940 (84.6966417d) Dec: -02 35 40.54 (-2.59459d) Equinox: J2000	Proper Motion RA: -2 mas/yr Proper Motion Dec: -3 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.66+/-0.1	Reference Frame: ICRS

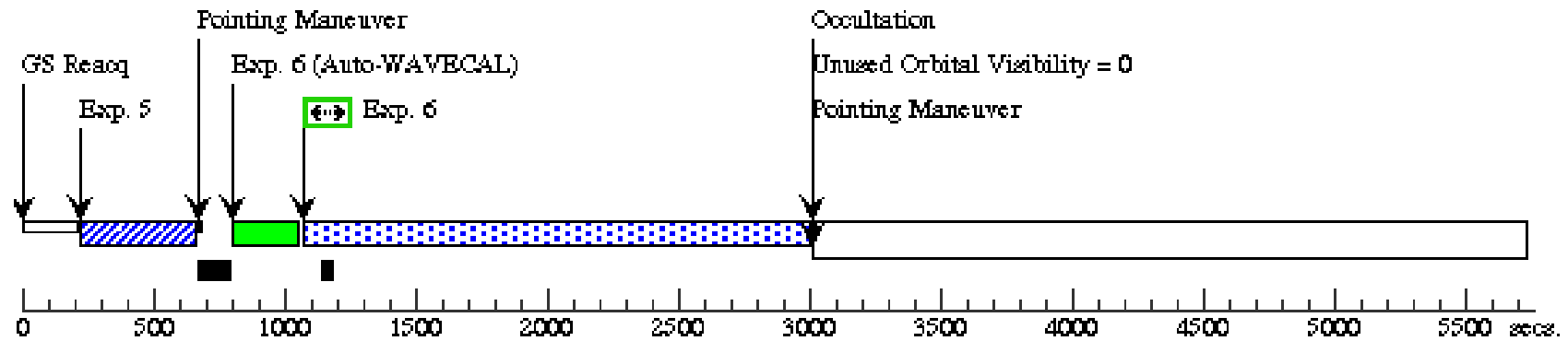
Proposal 13346 - SIG-ORI-E (H0) - Advanced Spectral Library II: Hot Stars

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(STIS.ta.514 (8) SIG-ORI-E 978)	STIS/CCD, ACQ, F28X500II	MIRROR				0.2 Secs (0.2 Secs) [==>]	[1]	
	<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega 38,080 e- (box of 3 x 3 pixels)</i>									
	2	(STIS.sp.51 (8) SIG-ORI-E 4972)	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]	
	<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega Aperture: 52X0.05 (1,356,449 e-) x0.10= 136,000 for NDB</i>									
	3	(STIS.sp.51 (8) SIG-ORI-E 6082)	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140M 1425 A				1660 Secs (1660 Secs) [==>]	[1]	
	<i>Comments: M-1425 1660 NDB 912,017 x0.10= 91,000 STIS.sp.516082 PHT=>NDB (TRA:100K)</i>									
	4	(STIS.sp.51 (8) SIG-ORI-E 6084)	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230M 1978 A				1287 Secs X 2 (2574 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
	<i>Comments: M-1978 2576 NDA 794,329 x0.25= 199,000 STIS.sp.516084 PHT=>NDA (TRA:191K)</i>									
	5	(STIS.sp.51 (8) SIG-ORI-E 4972)	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[3]	
<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega Aperture: 52X0.05 (1,356,449 e-) x0.25= 339,000 for NDA</i>										
6	(STIS.sp.51 (8) SIG-ORI-E 6083)	STIS/FUV-MAMA, ACCUM, 31X0.05NDA	E140H 1271 A				1862 Secs (1862 Secs) [==>]	[3]		
<i>Comments: H-1271 1925 NDA 433,991 x0.25= 108,000 STIS.sp.516083 PHT=>NDA (TRA:124K)</i>										
7	(STIS.sp.51 (8) SIG-ORI-E 4972)	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]		
<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega Aperture: 52X0.05 (1,356,449 e-) x1.0= 1,360,000 for 0.2x0.09</i>										
8	(STIS.sp.51 (8) SIG-ORI-E 4972)	STIS/CCD, ACQ/PEAK, 0.1X0.03	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]		
<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega Aperture: 52X0.05 (1,356,449 e-) x0.5= 678,000 for 0.1x0.03</i>										
9	(STIS.sp.51 (8) SIG-ORI-E 6085)	STIS/NUV-MAMA, ACCUM, 0.1X0.03	E230H 2713 A				1471 Secs (1471 Secs) [==>]	[4]		
<i>Comments: H-2713 1500 JENK 168,916 STIS.sp.516085 (TRA:147K)</i>										



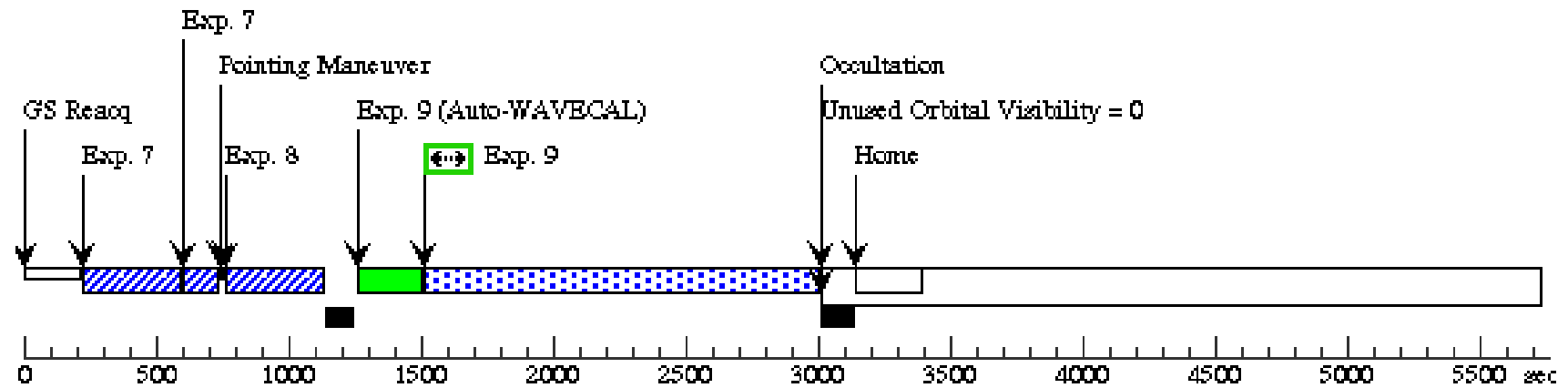
Orbit 3

Server Version: 20131031



Orbit 4

Server Version: 20131031

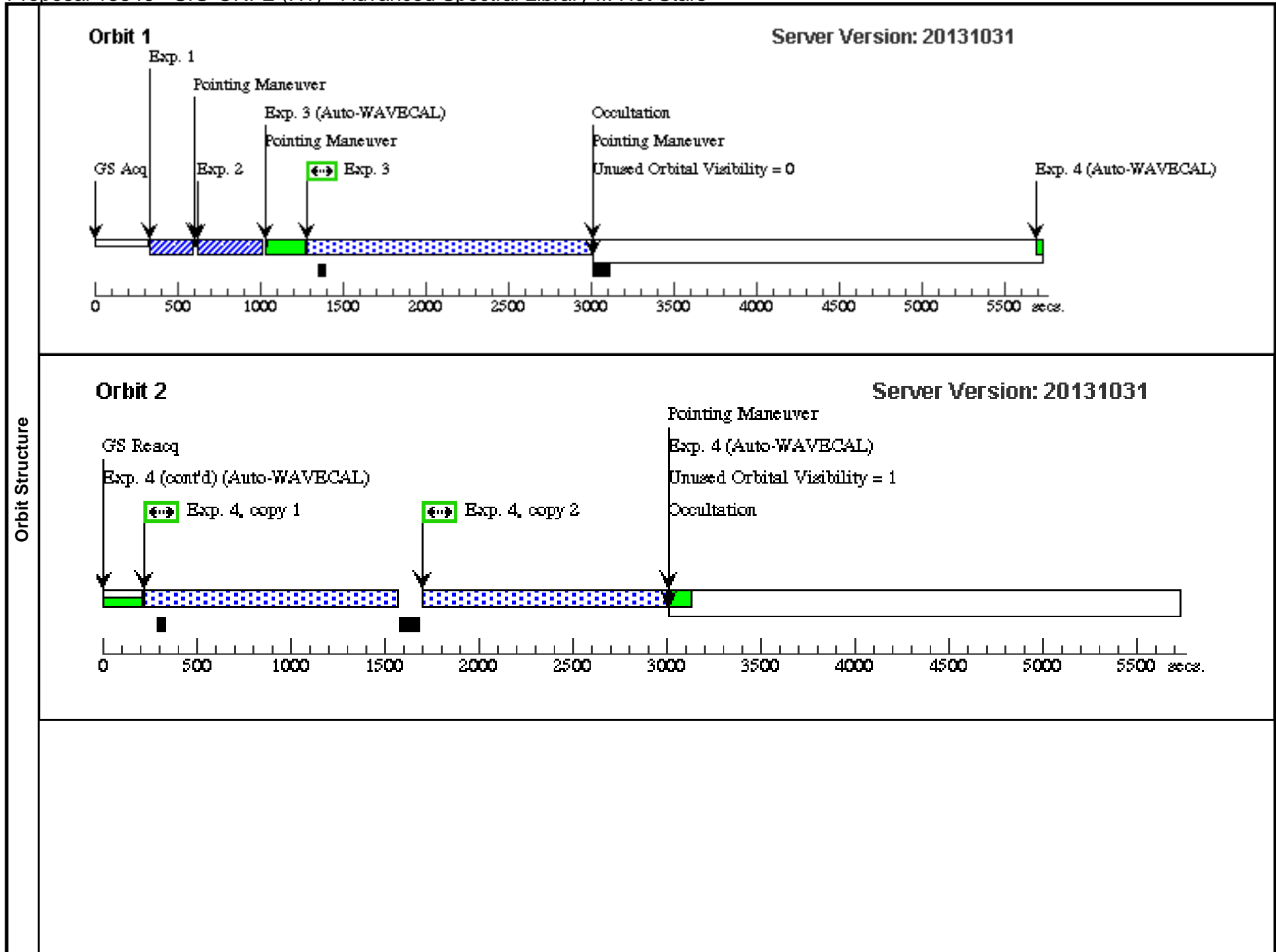


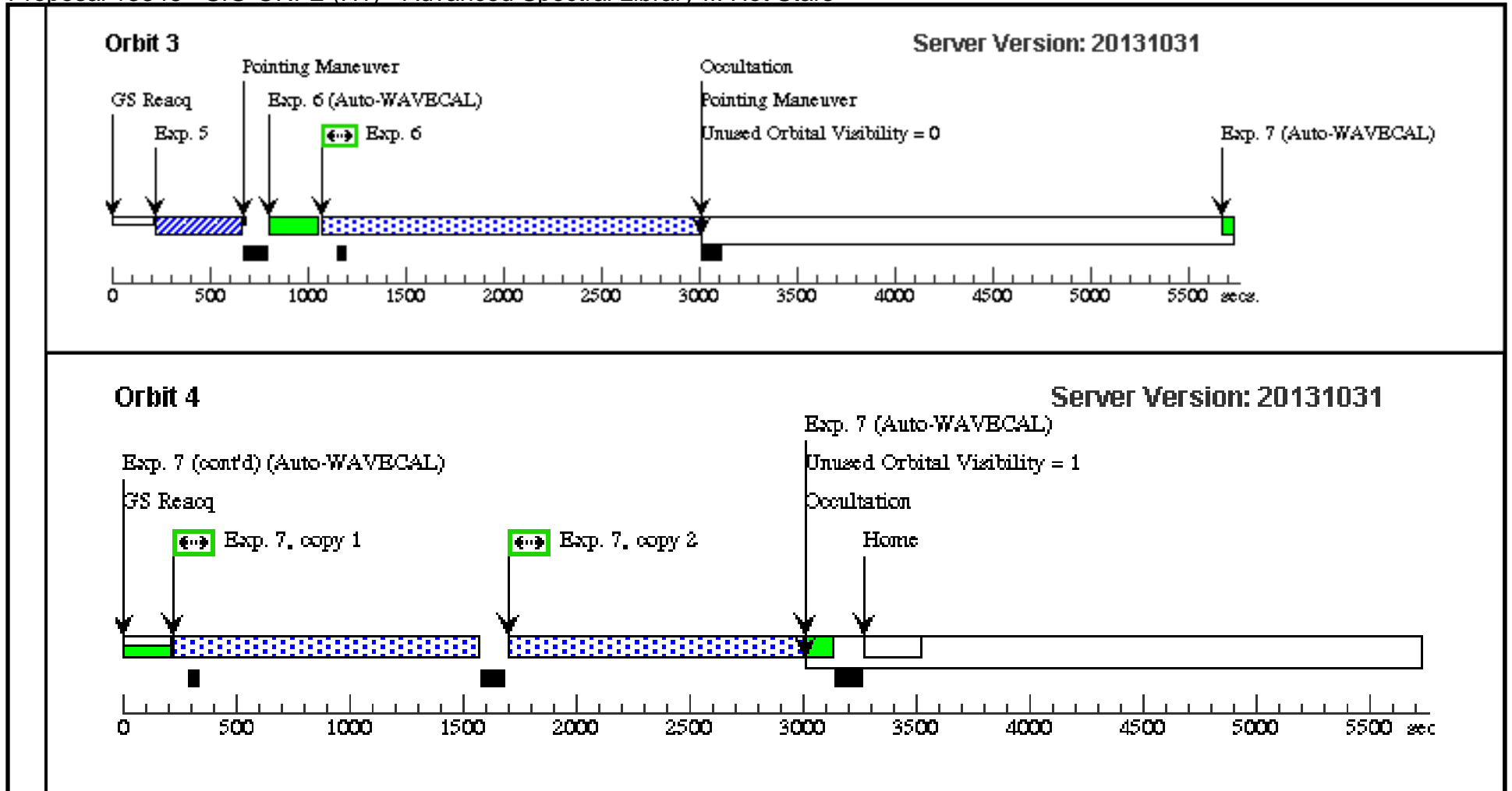
Proposal 13346 - SIG-ORI-E (H1) - Advanced Spectral Library II: Hot Stars

Visit	Proposal 13346, SIG-ORI-E (H1), scheduling Mon Mar 17 01:20:48 GMT 2014 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(8)		SIG-ORI-E Alt Name1: HD-37479	RA: 05 38 47.1940 (84.6966417d) Dec: -02 35 40.54 (-2.59459d) Equinox: J2000	Proper Motion RA: -2 mas/yr Proper Motion Dec: -3 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.66+/-0.1	Reference Frame: ICRS

Proposal 13346 - SIG-ORI-E (H1) - Advanced Spectral Library II: Hot Stars

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(STIS.ta.514 (8) SIG-ORI-E 978)	STIS/CCD, ACQ, F28X500II	MIRROR				0.2 Secs (0.2 Secs) [==>]	[1]	
	<i>Comments: Pickles Models B3V 19054,6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega 38,080 e- (box of 3 x 3 pixels)</i>									
	2	(STIS.sp.51 (8) SIG-ORI-E 4972)	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A					0.7 Secs (0.7 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054,6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega Aperture: 52X0.05 (1,356,449 e-) x0.10= 136,000 for NDB texp increased from 0.1s to 0.7s to improve CR</i>									
	3	(STIS.sp.51 (8) SIG-ORI-E 6082)	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140M 1425 A					1650 Secs (1650 Secs) [==>]	[1]
	<i>Comments: M-1425 1660 NDB 912,017 x0.10= 91,000 STIS.sp.516082 PHT=>NDB (TRA:100K)</i>									
	4	(STIS.sp.51 (8) SIG-ORI-E 6084)	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230M 1978 A					1287 Secs X 2 (2574 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: M-1978 2576 NDA 794,329 x0.25= 199,000 STIS.sp.516084 PHT=>NDA (TRA:191K)</i>										
5	(STIS.sp.51 (8) SIG-ORI-E 4972)	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A					0.3 Secs (0.3 Secs) [==>]	[3]	
<i>Comments: Pickles Models B3V 19054,6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega Aperture: 52X0.05 (1,356,449 e-) x0.25= 339,000 for NDA texp increased from 0.1s to 0.3s to improve CR</i>										
6	(STIS.sp.51 (8) SIG-ORI-E 6083)	STIS/FUV-MAMA, ACCUM, 31X0.05NDA	E140H 1271 A					1859 Secs (1859 Secs) [==>]	[3]	
<i>Comments: H-1271 1925 NDA 433,991 x0.25= 108,000 STIS.sp.516083 PHT=>NDA (TRA:124K)</i>										
7	(STIS.sp.51 (8) SIG-ORI-E 6085)	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2713 A					1287 Secs X 2 (2574 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
<i>Comments: H-2713 1500 JENK 168,916 STIS.sp.516085 (TRA:147K) replace with NDA: GCR~ 80k</i>										

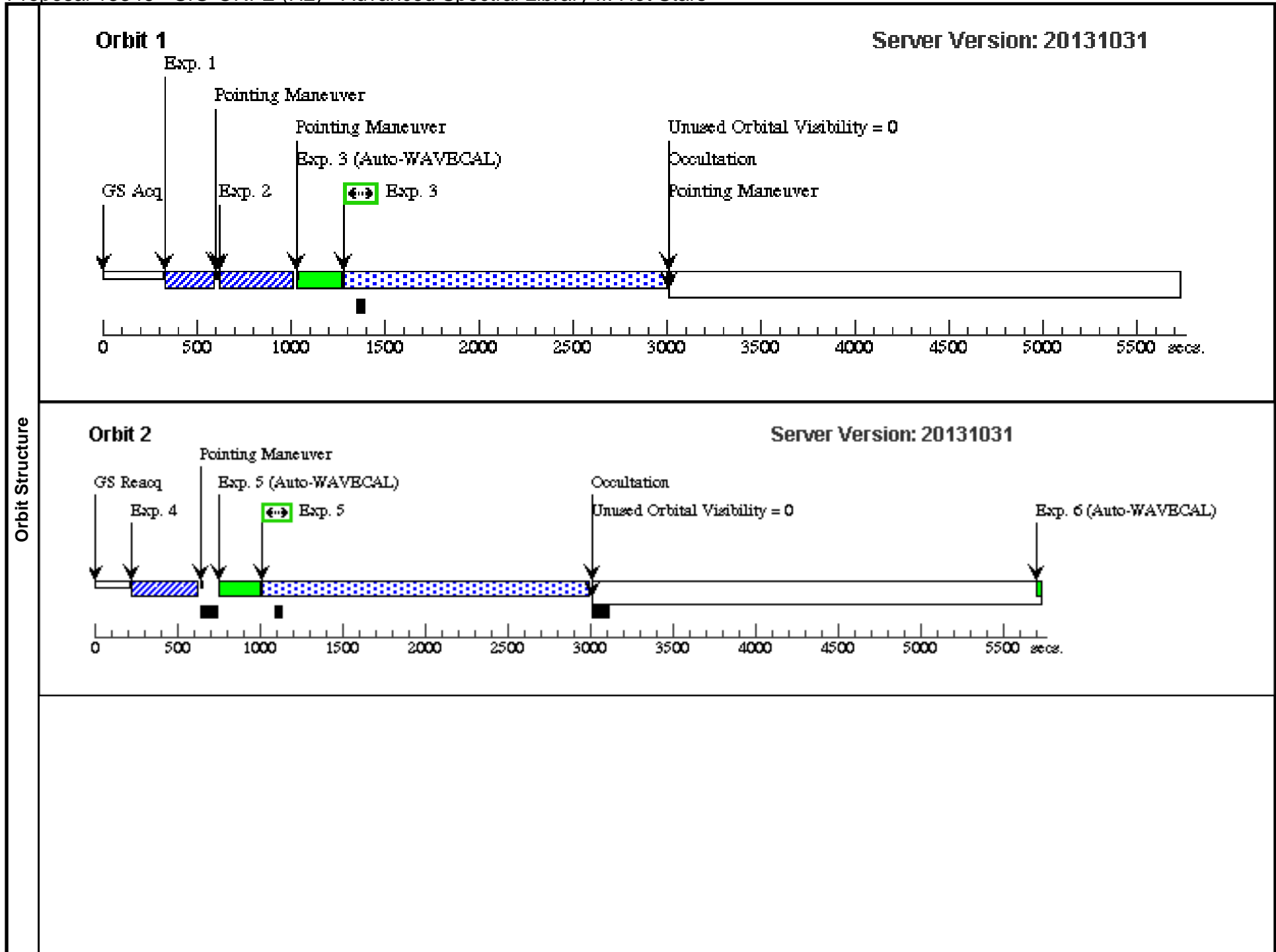




Proposal 13346 - SIG-ORI-E (H2) - Advanced Spectral Library II: Hot Stars

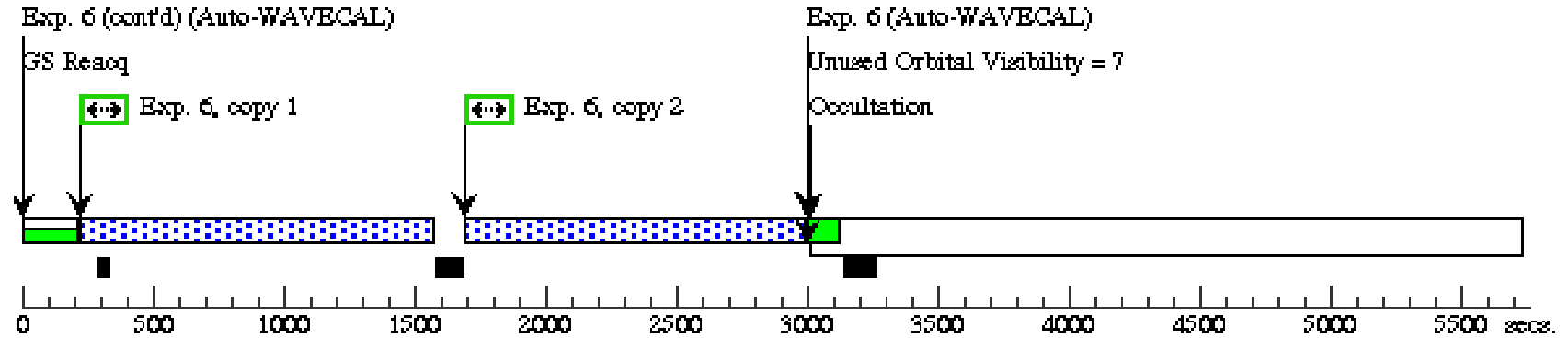
Mon Mar 17 01:20:50 GMT 2014

Visit	Proposal 13346, SIG-ORI-E (H2), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(8)	SIG-ORI-E Alt Name1: HD-37479	RA: 05 38 47.1940 (84.6966417d) Dec: -02 35 40.54 (-2.59459d) Equinox: J2000	Proper Motion RA: -2 mas/yr Proper Motion Dec: -3 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.66+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 978)	(8) SIG-ORI-E	STIS/CCD, ACQ, F28X500II	MIRROR				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega 38,080 e- (box of 3 x 3 pixels)</i>									
	2	(STIS.sp.51 4972)	(8) SIG-ORI-E	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.7 Secs (0.7 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega Aperture: 52X0.05 (1,356,449 e-) x0.10= 136,000 for NDB texp increased from 0.1s to 0.7s to improve CR</i>									
	3	(STIS.sp.51 6082)	(8) SIG-ORI-E	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140M 1425 A				1650 Secs (1650 Secs) [==>]	[1]
	<i>Comments: M-1425 1660 NDB 912,017 x0.10= 91,000 STIS.sp.516082 PHT=>NDB (TRA:100K)</i>									
	4	(STIS.sp.51 4972)	(8) SIG-ORI-E	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.3 Secs (0.3 Secs) [==>]	[2]
<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega Aperture: 52X0.05 (1,356,449 e-) x0.25= 339,000 for NDA texp increased from 0.1s to 0.3s to improve CR</i>										
5	(STIS.sp.51 6088)	(8) SIG-ORI-E	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2912 A				1917 Secs (1917 Secs) [==>]	[2]	
<i>Comments: H-2912 1468 JENK 110,908 STIS.sp.516088 (TRA: 97K)</i>										
6	(STIS.sp.51 6087)	(8) SIG-ORI-E	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2513 A				1284 Secs X 2 (2568 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: H-2513 2626 JENK 191,153 STIS.sp.516087 (TRA:185K)</i>										
7	(STIS.sp.51 6086)	(8) SIG-ORI-E	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2463 A				1287 Secs X 2 (2574 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
<i>Comments: H-2463 1922 JENK 195,518 STIS.sp.516086 (TRA:186K)</i>										



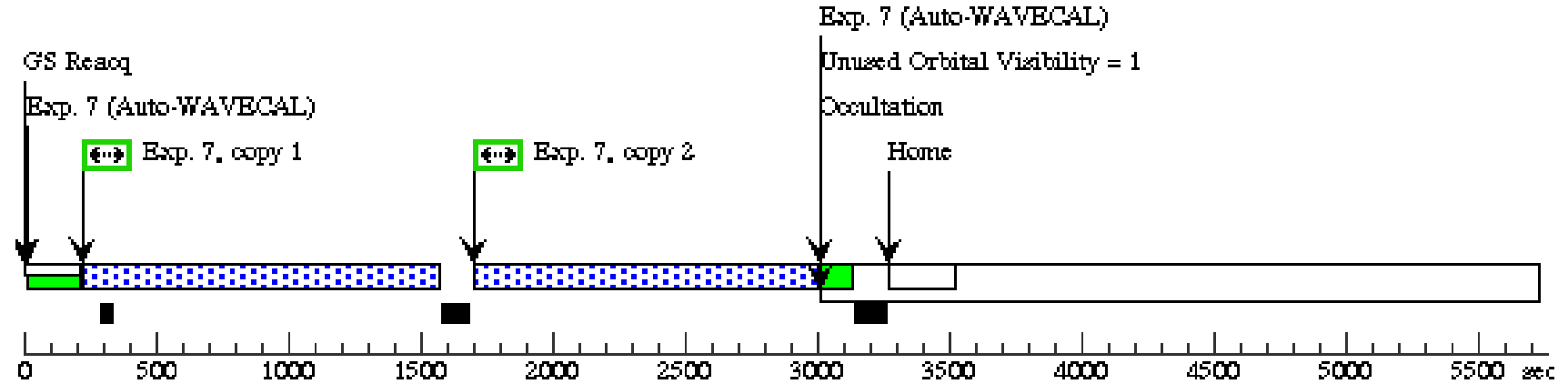
Orbit 3

Server Version: 20131031



Orbit 4

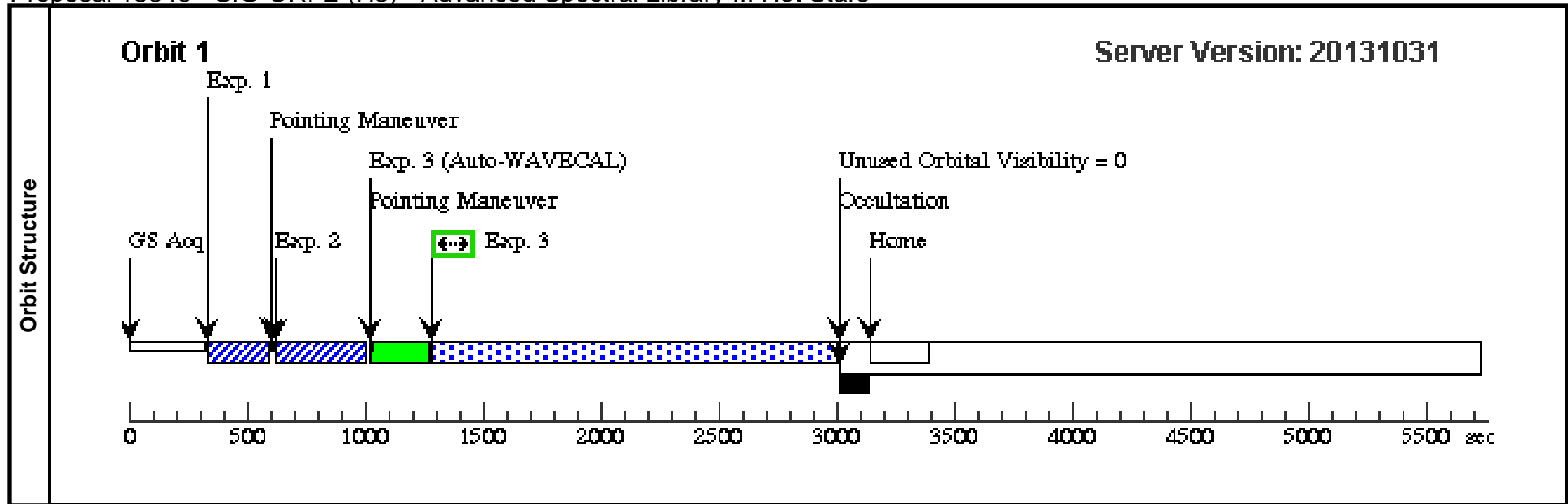
Server Version: 20131031



Proposal 13346 - SIG-ORI-E (H3) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:51 GMT 2014

Visit	Proposal 13346, SIG-ORI-E (H3) Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(8)	SIG-ORI-E Alt Name1: HD-37479	RA: 05 38 47.1940 (84.6966417d) Dec: -02 35 40.54 (-2.59459d) Equinox: J2000	Proper Motion RA: -2 mas/yr Proper Motion Dec: -3 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.66+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.514 978)	(8) SIG-ORI-E	STIS/CCD, ACQ, F28X500II	MIRROR				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega</i> <i>38,080 e- (box of 3 x 3 pixels)</i>									
	2	(STIS.sp.51 4972)	(8) SIG-ORI-E	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.3 Secs (0.3 Secs) [==>]	[1]
<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.66 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(1,356,449 e-) x0.25= 339,000 for NDA</i> <i>tepx increased from 0.1s to 0.3s to improve CR</i>										
3	(STIS.sp.51 6085)	(8) SIG-ORI-E	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2713 A				1649 Secs (1649 Secs) [==>]	[1]	
<i>Comments: H-2713 1500 JENK</i> <i>168,916 STIS.sp.516085 (TRA:147K)</i> <i>replace with NDA: GCR~ 80k</i>										

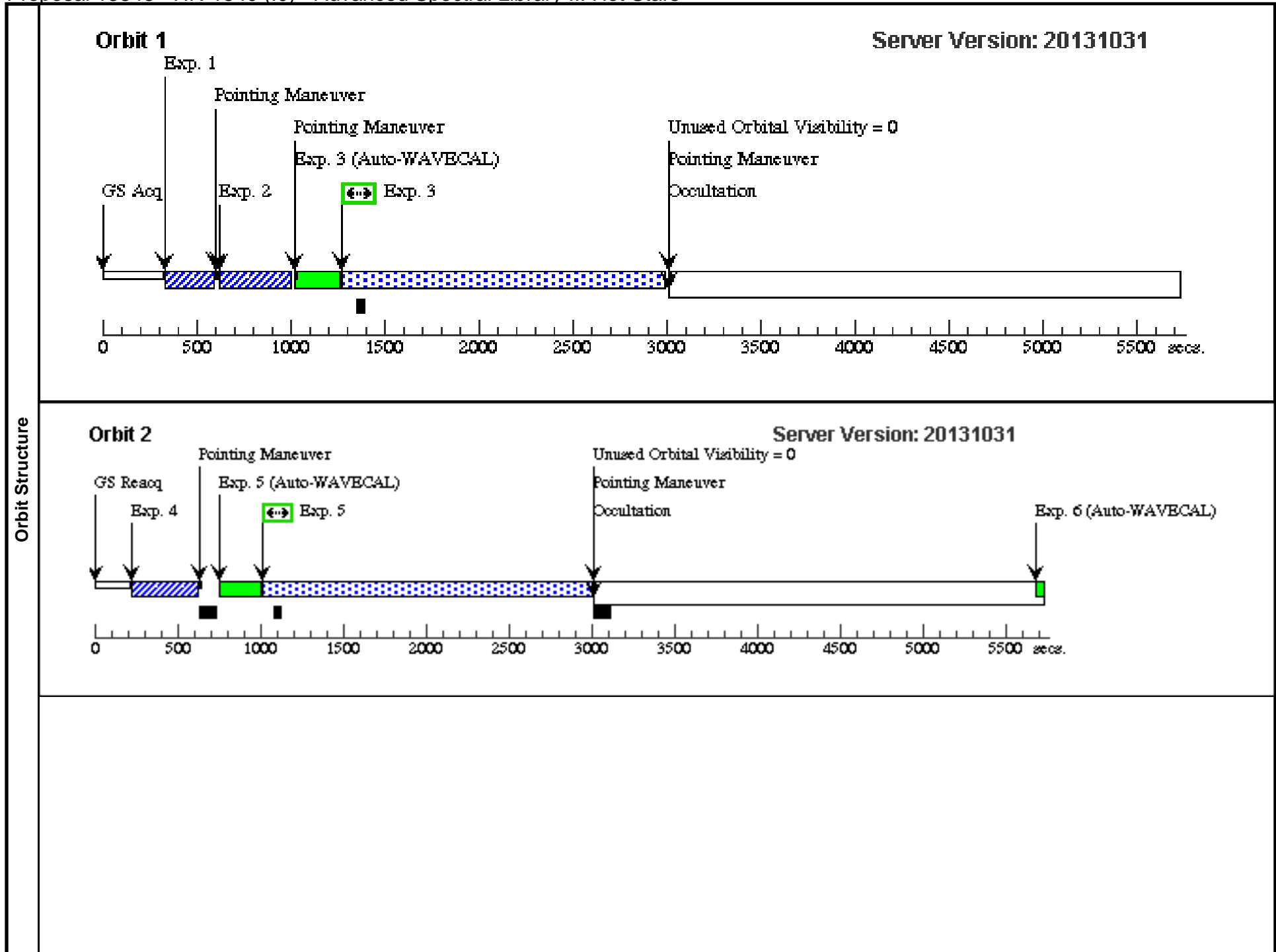


Proposal 13346 - HR-1840 (I0) - Advanced Spectral Library II: Hot Stars

Visit	Proposal 13346, HR-1840 (I0), completed Mon Mar 17 01:20:51 GMT 2014 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%																																		
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(9)</td> <td>HR-1840</td> <td>RA: 05 30 20.7540 (82.5864750d)</td> <td>Proper Motion RA: +1 mas/yr</td> <td>V=6.315+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: HD-36285</td> <td>Dec: -07 26 5.33 (-7.43481d)</td> <td>Proper Motion Dec: -1 mas/yr</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Parallax: 0.0"</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Epoch of Position: 2000</td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(9)	HR-1840	RA: 05 30 20.7540 (82.5864750d)	Proper Motion RA: +1 mas/yr	V=6.315+/-0.1	Reference Frame: ICRS		Alt Name1: HD-36285	Dec: -07 26 5.33 (-7.43481d)	Proper Motion Dec: -1 mas/yr					Equinox: J2000	Parallax: 0.0"						Epoch of Position: 2000					
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																														
(9)	HR-1840	RA: 05 30 20.7540 (82.5864750d)	Proper Motion RA: +1 mas/yr	V=6.315+/-0.1	Reference Frame: ICRS																														
	Alt Name1: HD-36285	Dec: -07 26 5.33 (-7.43481d)	Proper Motion Dec: -1 mas/yr																																
		Equinox: J2000	Parallax: 0.0"																																
			Epoch of Position: 2000																																

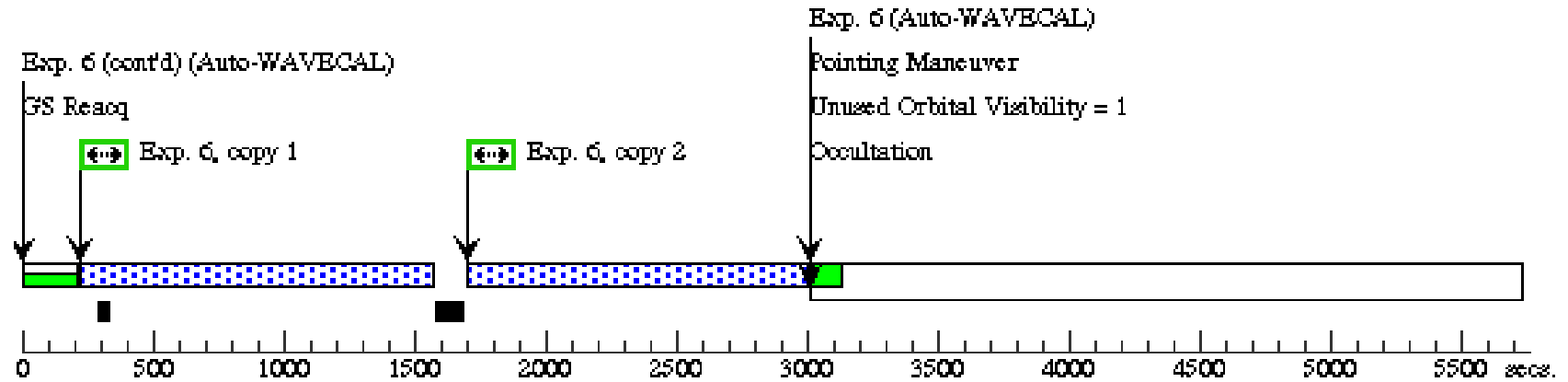
Proposal 13346 - HR-1840 (IO) - Advanced Spectral Library II: Hot Stars

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(STIS.ta.515 (9) HR-1840 006)	STIS/CCD, ACQ, F28X500II	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>65,564 e- (box of 3 x 3 pixels)</i>								
	2	(STIS.sp.51 (9) HR-1840 5005)	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,093,086 e-) x0.04 = 164,000 for NDC</i>								
	3	(STIS.sp.51 (9) HR-1840 6075)	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140M 1425 A				1655 Secs (1655 Secs) [==>]	[1]
	<i>Comments: M-1425 1660 NDB 1,722,132 x0.10= 172,000 STIS.sp.516075 PHT=>NDB (TRA:187K)</i>								
	4	(STIS.sp.51 (9) HR-1840 5005)	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[2]
	<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,093,086 e-) x0.10 x(0.1/0.2)= 205,000 for NDB (0.1s vs. 0.2s of original calculation)</i>								
5	(STIS.sp.51 (9) HR-1840 6076)	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140H 1271 A				1920 Secs (1920 Secs) [==>]	[2]	
<i>Comments: H-1271 2572 NDB 855,351 x0.10= 86,000 STIS.sp.516076 PHT=>NDB (TRA:107K)</i>									
6	(STIS.sp.51 (9) HR-1840 6077)	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230M 1978 A				1287 Secs X 2 (2574 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: M-1978 2574 NDB 1,409,066 x0.10= 141,000 STIS.sp.516077 PHT=>NDB (TRA:122K)</i>									
7	(STIS.sp.51 (9) HR-1840 5005)	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,093,086 e-) x0.25 x(0.1/0.2)= 512,000 for NDA (0.1s vs. 0.2s of original calculation)</i>									
8	(STIS.sp.51 (9) HR-1840 6078)	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2713 A				1877 Secs (1877 Secs) [==>]	[4]	
<i>Comments: H-2713 1877 NDA 491,525 x0.25= 123,000 STIS.sp.516078 PHT=>NDA (TRA:104K)</i>									



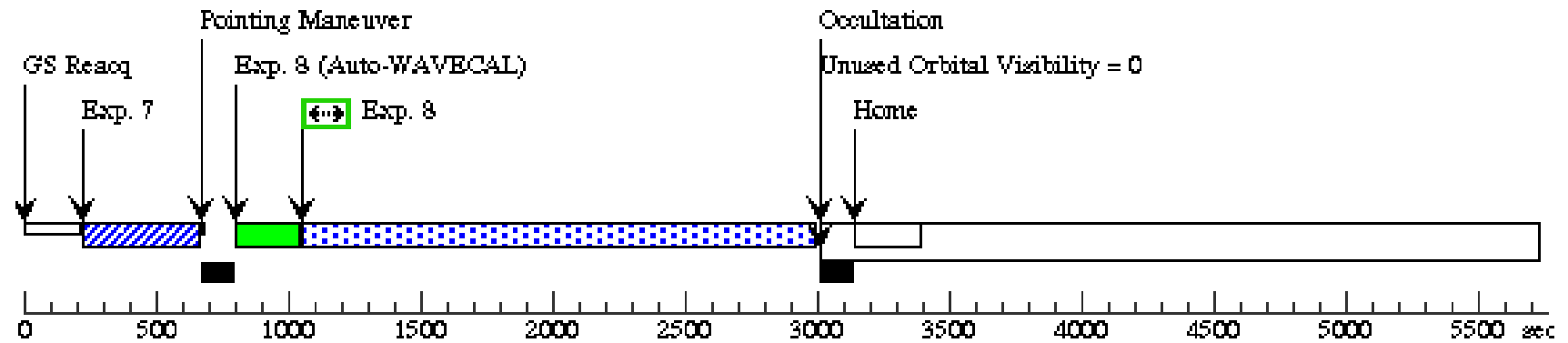
Orbit 3

Server Version: 20131031



Orbit 4

Server Version: 20131031

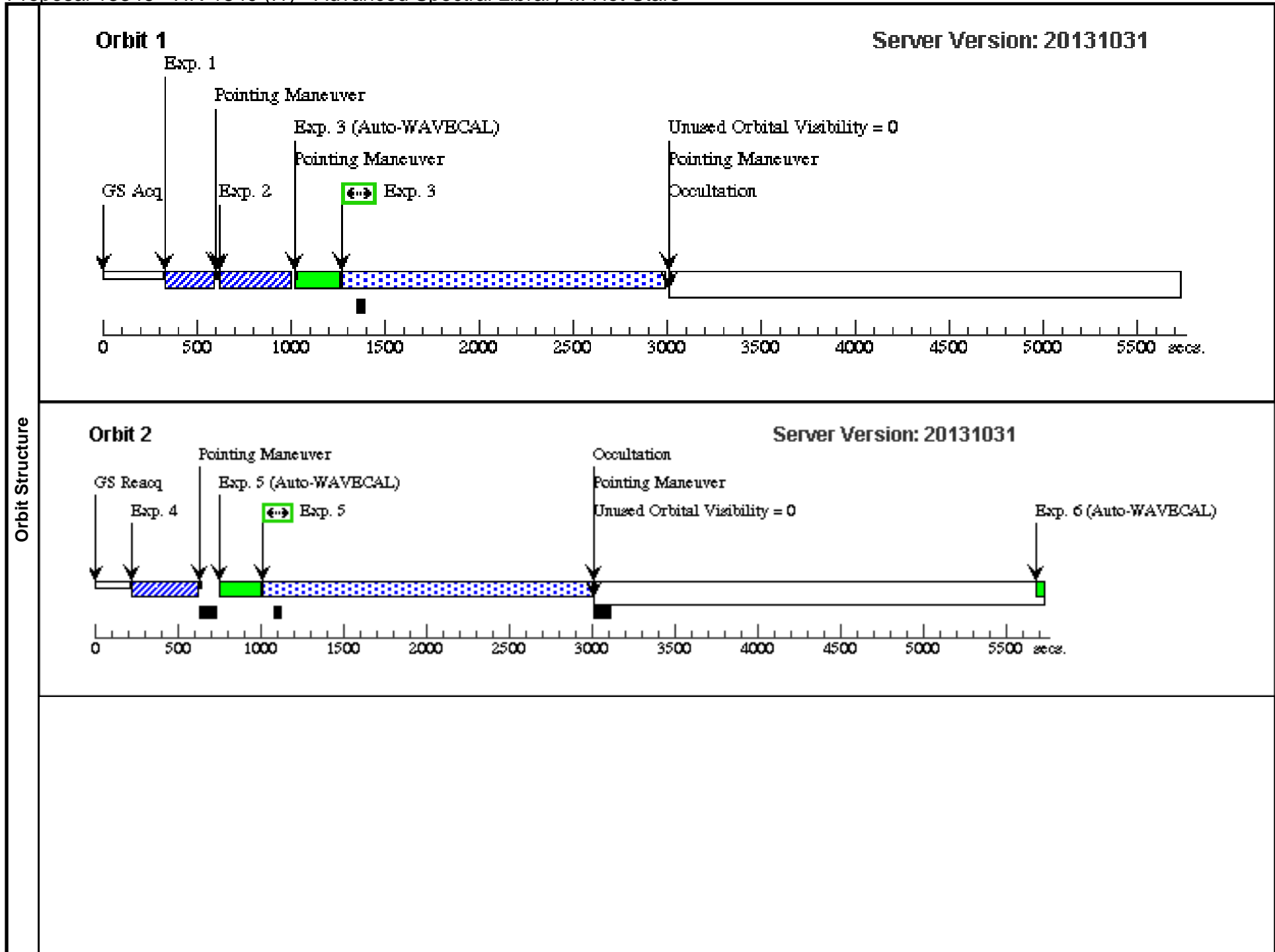


Proposal 13346 - HR-1840 (I1) - Advanced Spectral Library II: Hot Stars

Visit	Proposal 13346, HR-1840 (I1), completed Mon Mar 17 01:20:52 GMT 2014 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%																																		
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(9)</td> <td>HR-1840</td> <td>RA: 05 30 20.7540 (82.5864750d)</td> <td>Proper Motion RA: +1 mas/yr</td> <td>V=6.315+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: HD-36285</td> <td>Dec: -07 26 5.33 (-7.43481d)</td> <td>Proper Motion Dec: -1 mas/yr</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Parallax: 0.0"</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Epoch of Position: 2000</td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(9)	HR-1840	RA: 05 30 20.7540 (82.5864750d)	Proper Motion RA: +1 mas/yr	V=6.315+/-0.1	Reference Frame: ICRS		Alt Name1: HD-36285	Dec: -07 26 5.33 (-7.43481d)	Proper Motion Dec: -1 mas/yr					Equinox: J2000	Parallax: 0.0"						Epoch of Position: 2000					
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																														
(9)	HR-1840	RA: 05 30 20.7540 (82.5864750d)	Proper Motion RA: +1 mas/yr	V=6.315+/-0.1	Reference Frame: ICRS																														
	Alt Name1: HD-36285	Dec: -07 26 5.33 (-7.43481d)	Proper Motion Dec: -1 mas/yr																																
		Equinox: J2000	Parallax: 0.0"																																
			Epoch of Position: 2000																																

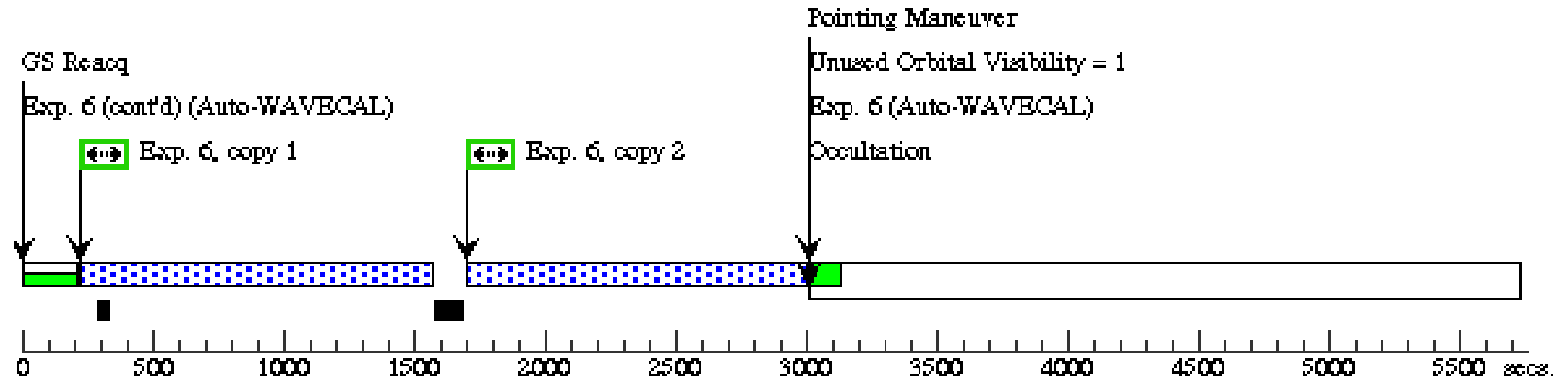
Proposal 13346 - HR-1840 (I1) - Advanced Spectral Library II: Hot Stars

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(STIS.ta.515 (9) HR-1840 006)	STIS/CCD, ACQ, F28X500II	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>65,564 e- (box of 3 x 3 pixels)</i>								
	2	(STIS.sp.51 (9) HR-1840 5005)	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,093,086 e-) x0.04 = 164,000 for NDC</i>								
	3	(STIS.sp.51 (9) HR-1840 6075)	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140M 1425 A				1655 Secs (1655 Secs) [==>]	[1]
	<i>Comments: M-1425 1660 NDB 1,722,132 x0.10= 172,000 STIS.sp.516075 PHT=>NDB (TRA:187K)</i>								
	4	(STIS.sp.51 (9) HR-1840 5005)	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[2]
	<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,093,086 e-) x0.10 x(0.1/0.2)= 205,000 for NDB (0.1s vs. 0.2s of original calculation)</i>								
5	(STIS.sp.51 (9) HR-1840 6076)	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140H 1271 A				1920 Secs (1920 Secs) [==>]	[2]	
<i>Comments: H-1271 2572 NDB 855,351 x0.10= 86,000 STIS.sp.516076 PHT=>NDB (TRA:107K)</i>									
6	(STIS.sp.51 (9) HR-1840 6077)	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230M 1978 A				1287 Secs X 2 (2574 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: M-1978 2574 NDB 1,409,066 x0.10= 141,000 STIS.sp.516077 PHT=>NDB (TRA:122K)</i>									
7	(STIS.sp.51 (9) HR-1840 5005)	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,093,086 e-) x0.25 x(0.1/0.2)= 512,000 for NDA (0.1s vs. 0.2s of original calculation)</i>									
8	(STIS.sp.51 (9) HR-1840 6078)	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2713 A				1877 Secs (1877 Secs) [==>]	[4]	
<i>Comments: H-2713 1877 NDA 491,525 x0.25= 123,000 STIS.sp.516078 PHT=>NDA (TRA:104K)</i>									



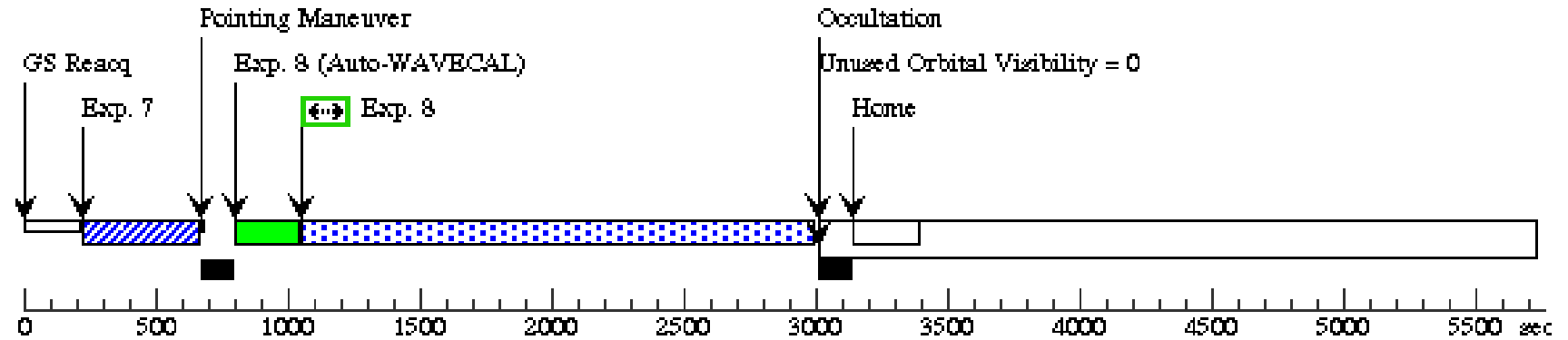
Orbit 3

Server Version: 20131031



Orbit 4

Server Version: 20131031

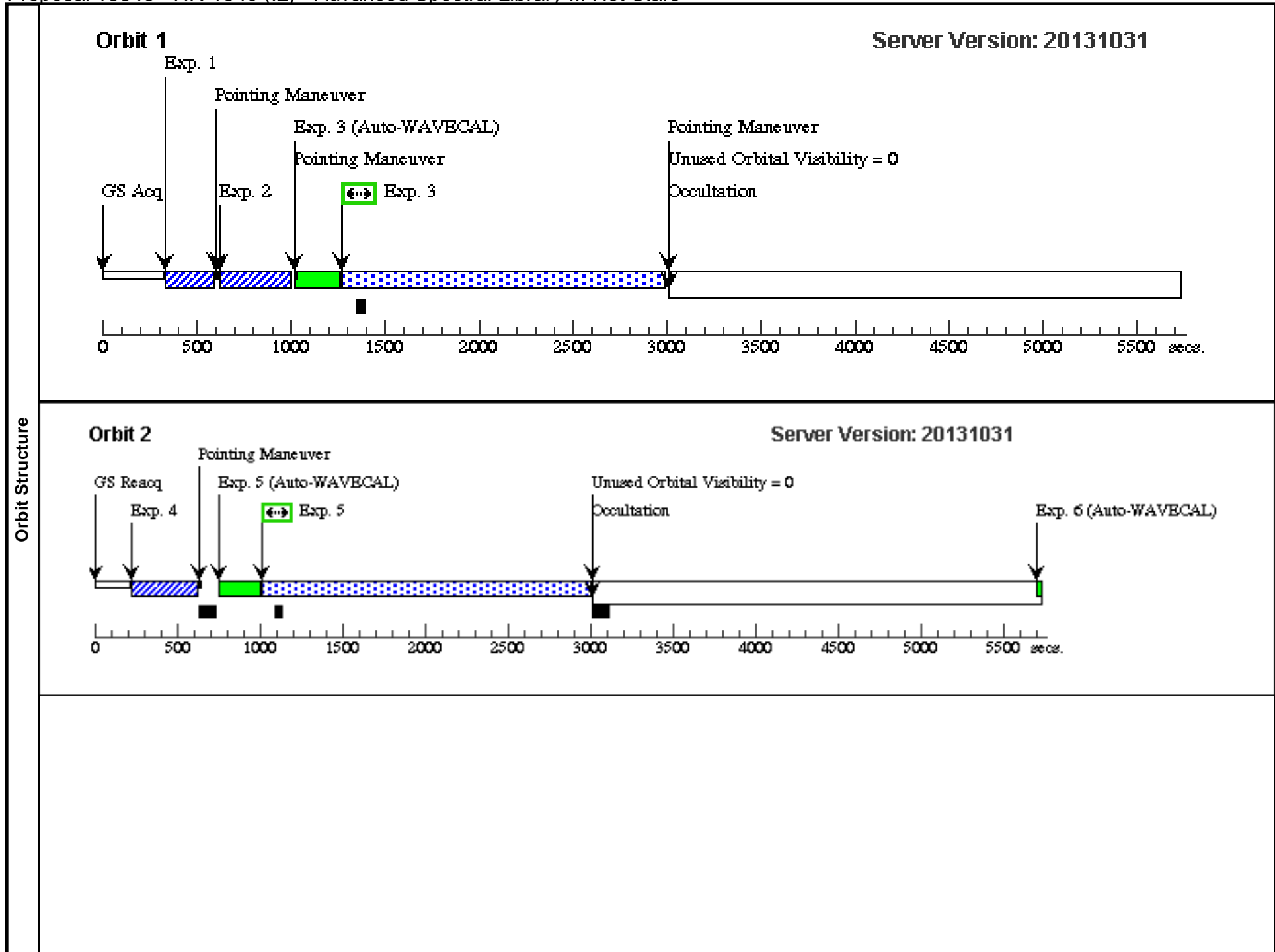


Proposal 13346 - HR-1840 (I2) - Advanced Spectral Library II: Hot Stars

Visit	Proposal 13346, HR-1840 (I2), completed Mon Mar 17 01:20:54 GMT 2014 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%																																		
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(9)</td> <td>HR-1840</td> <td>RA: 05 30 20.7540 (82.5864750d)</td> <td>Proper Motion RA: +1 mas/yr</td> <td>V=6.315+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: HD-36285</td> <td>Dec: -07 26 5.33 (-7.43481d)</td> <td>Proper Motion Dec: -1 mas/yr</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Parallax: 0.0"</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Epoch of Position: 2000</td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(9)	HR-1840	RA: 05 30 20.7540 (82.5864750d)	Proper Motion RA: +1 mas/yr	V=6.315+/-0.1	Reference Frame: ICRS		Alt Name1: HD-36285	Dec: -07 26 5.33 (-7.43481d)	Proper Motion Dec: -1 mas/yr					Equinox: J2000	Parallax: 0.0"						Epoch of Position: 2000					
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																														
(9)	HR-1840	RA: 05 30 20.7540 (82.5864750d)	Proper Motion RA: +1 mas/yr	V=6.315+/-0.1	Reference Frame: ICRS																														
	Alt Name1: HD-36285	Dec: -07 26 5.33 (-7.43481d)	Proper Motion Dec: -1 mas/yr																																
		Equinox: J2000	Parallax: 0.0"																																
			Epoch of Position: 2000																																

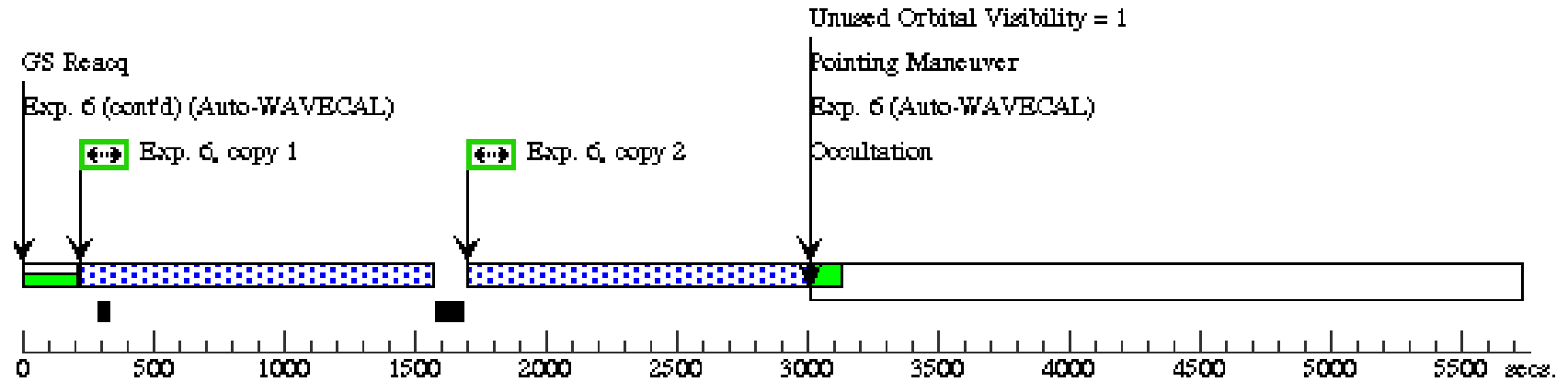
Proposal 13346 - HR-1840 (I2) - Advanced Spectral Library II: Hot Stars

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(STIS.ta.515 (9) HR-1840 006)	STIS/CCD, ACQ, F28X500II	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>65,564 e- (box of 3 x 3 pixels)</i>								
	2	(STIS.sp.51 (9) HR-1840 5005)	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,093,086 e-) x0.04 = 164,000 for NDC</i>								
	3	(STIS.sp.51 (9) HR-1840 6075)	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140M 1425 A				1655 Secs (1655 Secs) [==>]	[1]
	<i>Comments: M-1425 1660 NDB 1,722,132 x0.10= 172,000 STIS.sp.516075 PHT=>NDB (TRA:187K)</i>								
	4	(STIS.sp.51 (9) HR-1840 5005)	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[2]
	<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,093,086 e-) x0.25 x(0.1/0.2)= 512,000 for NDA (0.1s vs. 0.2s of original calculation)</i>								
	5	(STIS.sp.51 (9) HR-1840 6079)	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2463 A				1919 Secs (1919 Secs) [==>]	[2]
<i>Comments: H-2463 1920 NDA 601,608 x0.25= 154,000 STIS.sp.516079 PHT=>NDA (TRA:138K)</i>									
6	(STIS.sp.51 (9) HR-1840 6080)	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2513 A				1287 Secs X 2 (2574 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: H-2513 2574 NDA 577,591 x0.25= 144,000 STIS.sp.516080 PHT=>NDA (TRA:135K)</i>									
7	(STIS.sp.51 (9) HR-1840 5005)	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,093,086 e-) x1.0 x(0.1/0.2)= 2,047,000 for 0.2x0.09 (0.1s vs. 0.2s of original calculation)</i> <i>Time to Saturation (for a single exposure) = 0.65 seconds</i>									
8	(STIS.sp.51 (9) HR-1840 5005)	STIS/CCD, ACQ/PEAK, 0.1X0.03	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
<i>Comments: Pickles Models BIV 22387.2K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.32 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,093,086 e-) x0.50 x(0.1/0.2)= 1,023,000 for 0.1x0.03 (0.1s vs. 0.2s of original calculation)</i>									
9	(STIS.sp.51 (9) HR-1840 6081)	STIS/NUV-MAMA, ACCUM, 0.1X0.03	E230H 2912 A				1514 Secs (1514 Secs) [==>]	[4]	
<i>Comments: H-2912 1514 JENK 151,272 STIS.sp.516081 (TRA:131K)</i>									



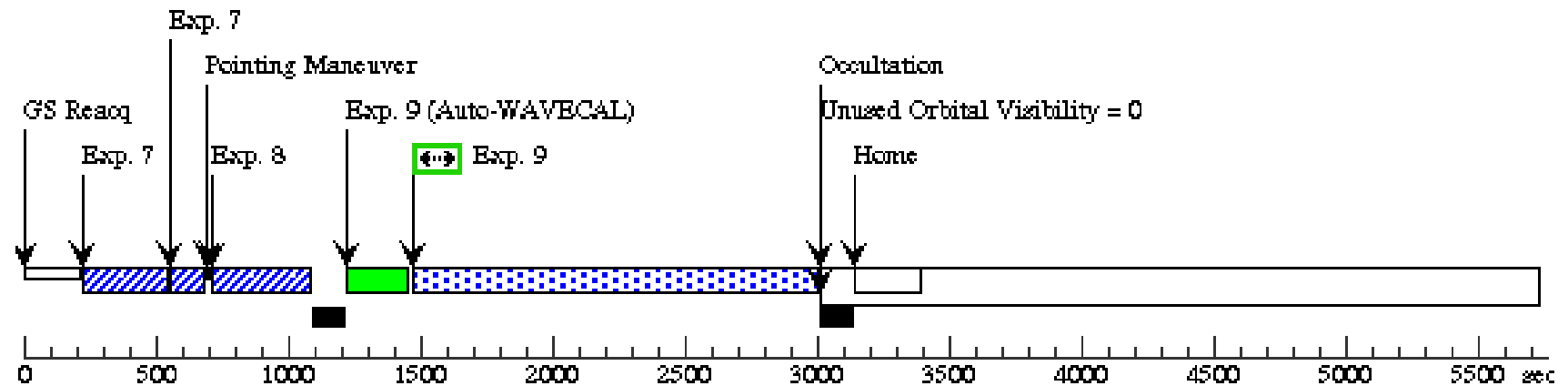
Orbit 3

Server Version: 20131031



Orbit 4

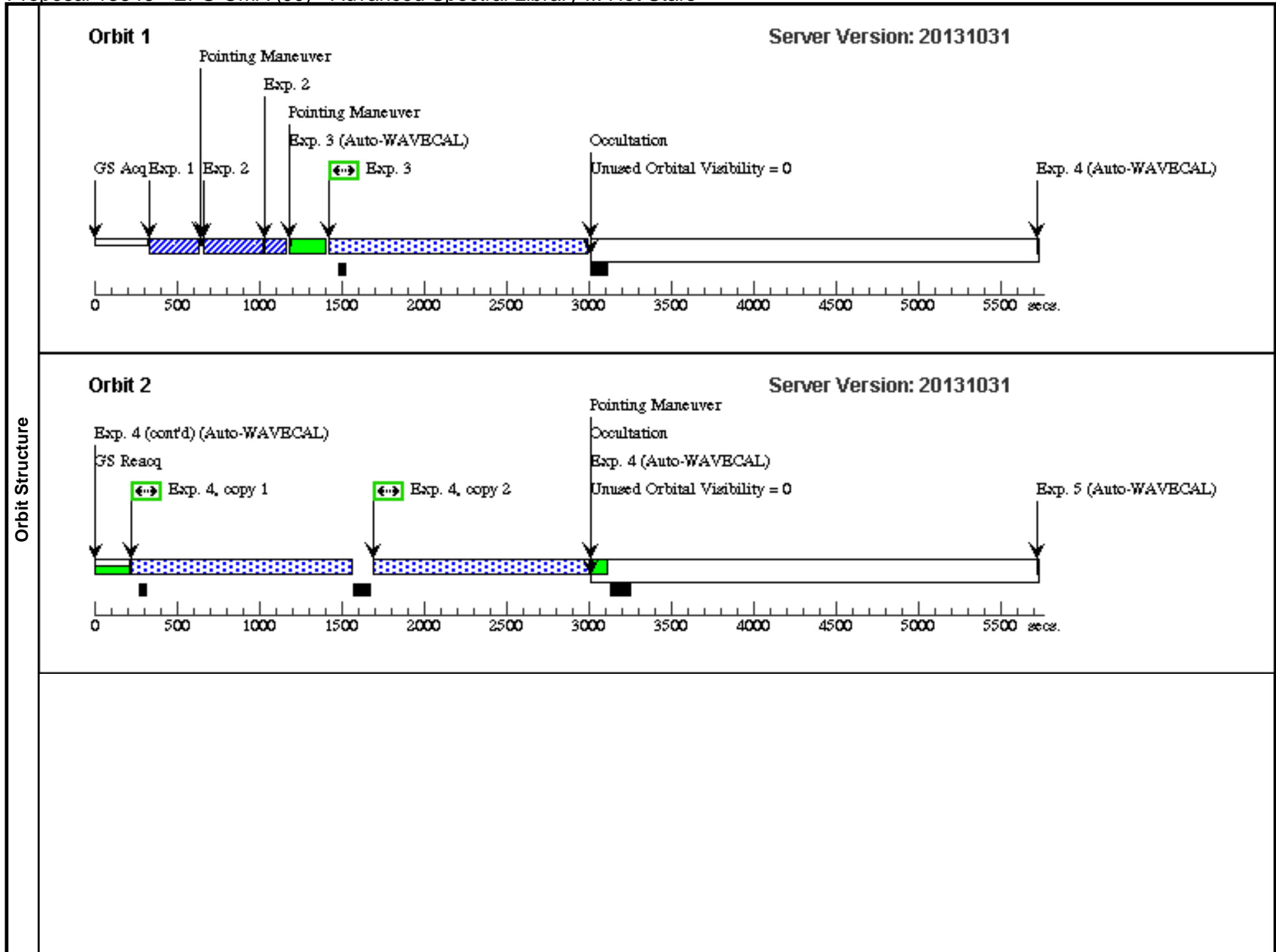
Server Version: 20131031

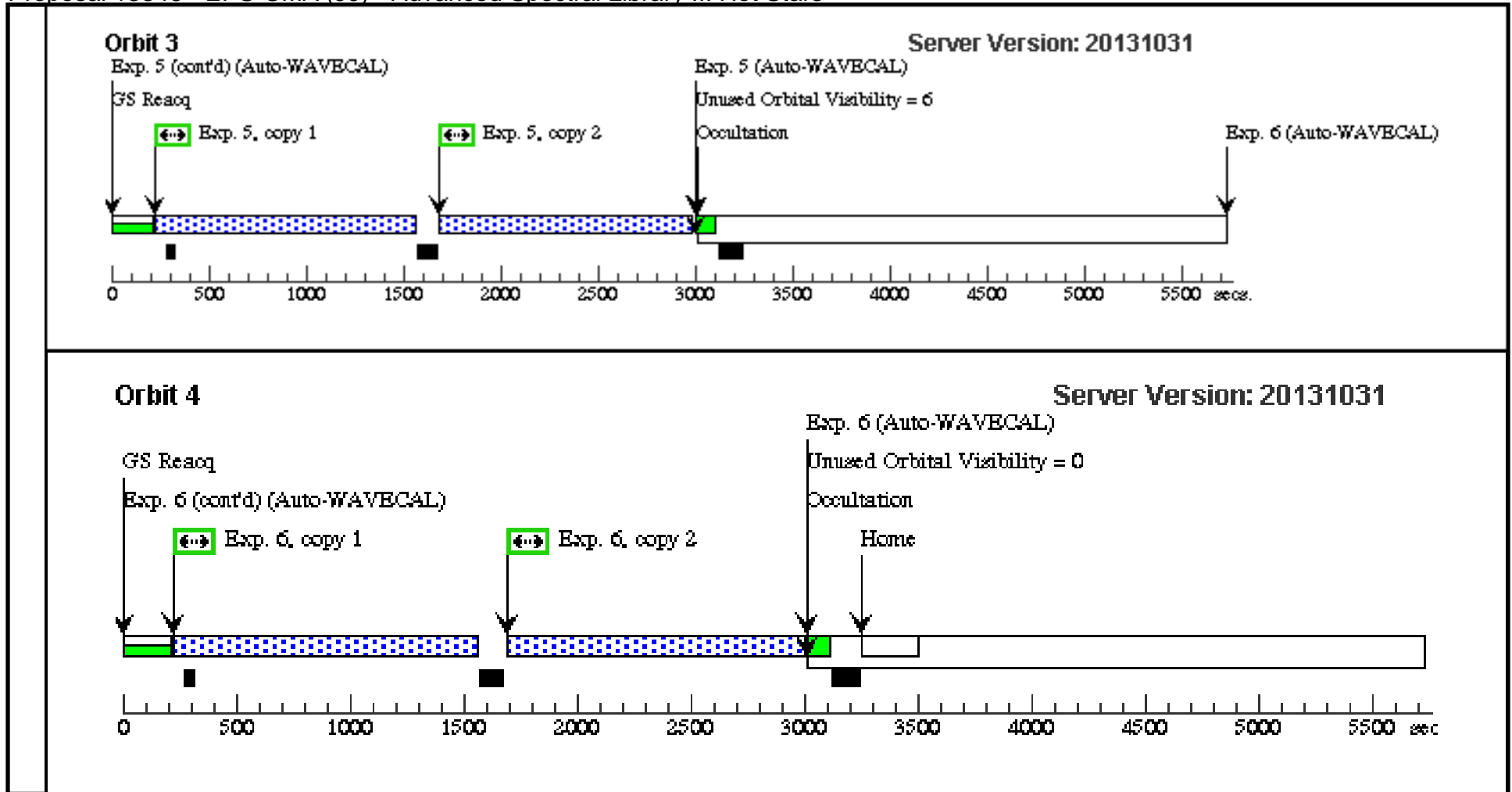


Proposal 13346 - EPS-CMA (J0) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:55 GMT 2014

Visit	Proposal 13346, EPS-CMA (J0), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(10)	EPS-CMA	RA: 06 58 37.5490 (104.6564542d)	Proper Motion RA: +3 mas/yr	V=1.513+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-52089	Dec: -28 58 19.51 (-28.97209d)	Proper Motion Dec: +1 mas/yr						
		Alt Name2: ADARA	Equinox: J2000	Parallax: 0.0"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 015)	(10) EPS-CMA	STIS/CCD, ACQ, F25ND5	MIRROR				1.0 Secs (1 Secs)	
								[==>]	[1]	
		Comments: Pickles Models B1-2III 19952.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 1.51 in magnitudes relative to Vega 29,108 e- (box of 3 x 3 pixels)								
	2	(STIS.sp.51 5010)	(10) EPS-CMA	STIS/CCD, ACQ/PEAK, 0.3X0.05ND	G430L 4300 A				0.6 Secs (0.6 Secs)	
								[==>]	[1]	
		Comments: Pickles Models B1-2III 19952.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 1.51 in magnitudes relative to Vega Aperture: 52X0.05 (174,843,766 e-) x0.001= 175,000 for ND3 texp 0.1s increased to 0.6s to improve CR								
	3	(STIS.sp.51 6067)	(10) EPS-CMA	STIS/FUV-MAMA, ACCUM, 0.3X0.05ND	E140M 1425 A				1525 Secs (1525 Secs)	
								[==>]	[1]	
		Comments: M-1425 1537 ND3 79,324 STIS.sp.516067 (TRA: 96K)								
	4	(STIS.sp.51 6068)	(10) EPS-CMA	STIS/FUV-MAMA, ACCUM, 0.3X0.05ND	E140H 1271 A				1296 Secs X 2 (2592 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[2]	
		Comments: H-1271 2592 ND3 39,707 STIS.sp.516068 (TRA: 60K)								
	5	(STIS.sp.51 6069)	(10) EPS-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230M 1978 A				1292 Secs X 2 (2584 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[3]	
		Comments: M-1978 2584 ND3 55,936 STIS.sp.516069 (TRA: 56K)								
	6	(STIS.sp.51 6071)	(10) EPS-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230H 2713 A				1296 Secs X 2 (2592 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[4]	
		Comments: H-2713 2592 ND3 41,423 STIS.sp.516071 (TRA: 37K)								

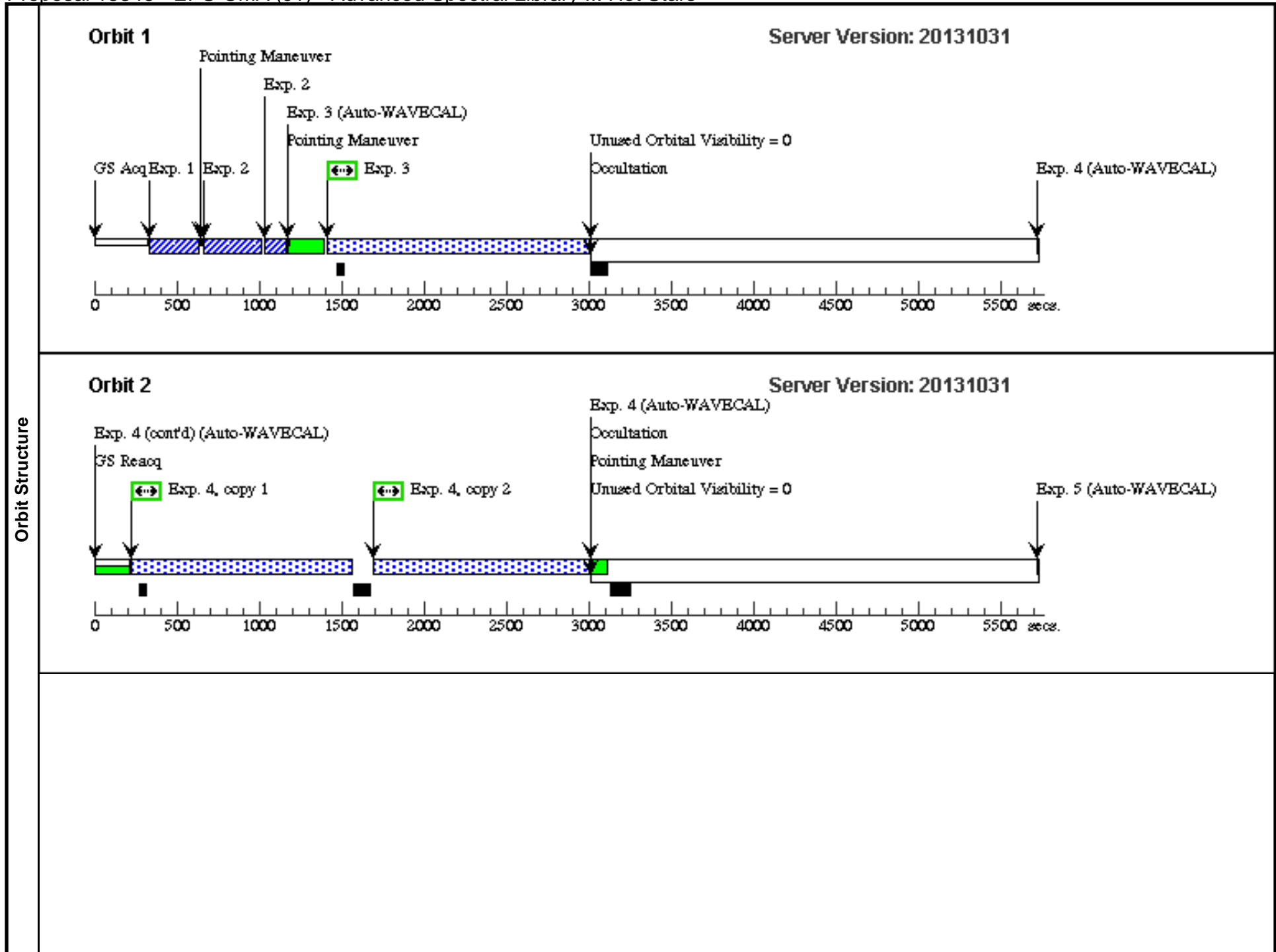


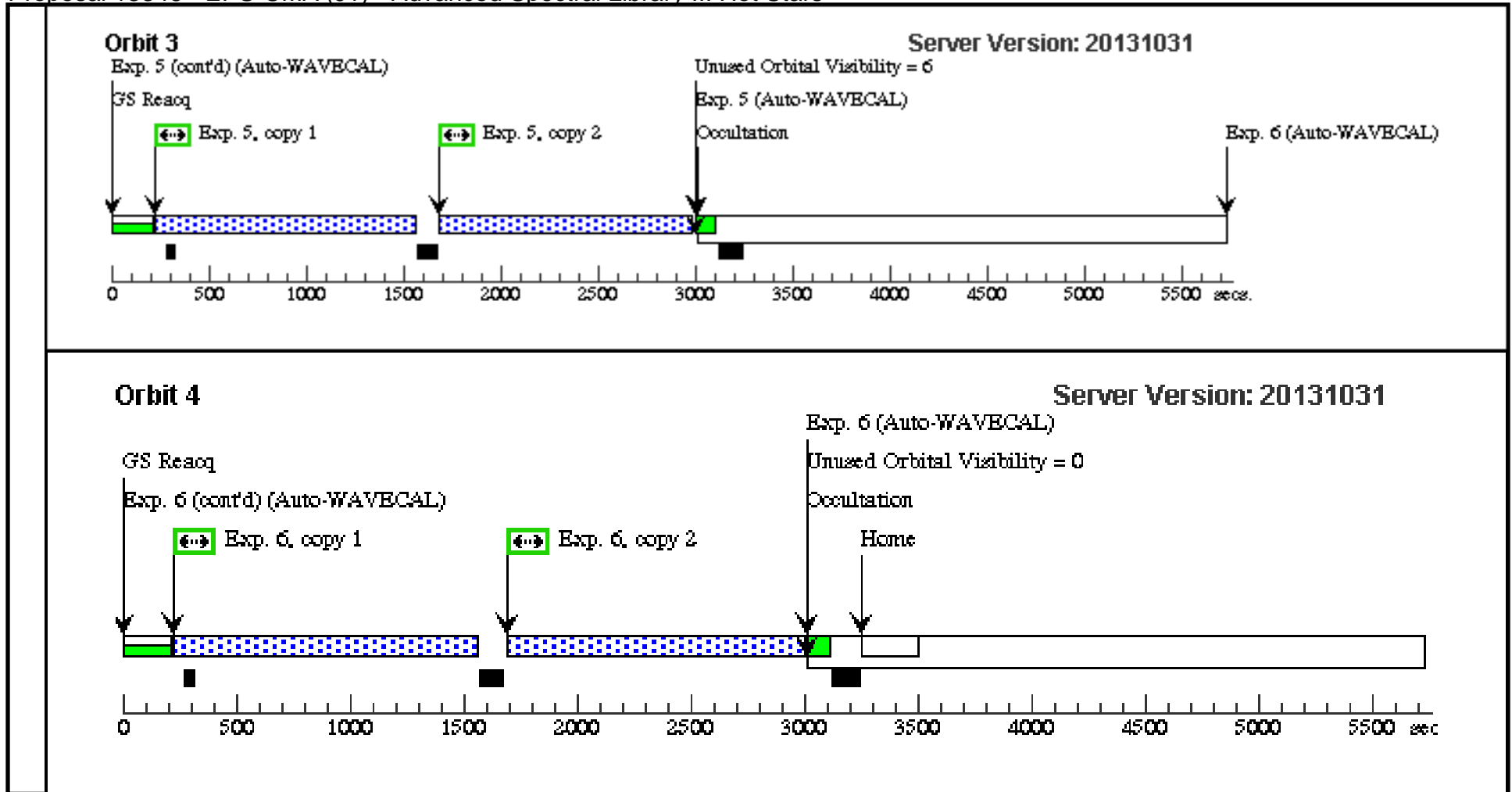


Proposal 13346 - EPS-CMA (J1) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:56 GMT 2014

Visit	Proposal 13346, EPS-CMA (J1), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(10)	EPS-CMA	RA: 06 58 37.5490 (104.6564542d)	Proper Motion RA: +3 mas/yr	V=1.513+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-52089	Dec: -28 58 19.51 (-28.97209d)	Proper Motion Dec: +1 mas/yr						
		Alt Name2: ADARA	Equinox: J2000	Parallax: 0.0"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 015)	(10) EPS-CMA	STIS/CCD, ACQ, F25ND5	MIRROR				1.0 Secs (1 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models B1-2III 19952.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 1.51 in magnitudes relative to Vega</i> <i>29,108 e- (box of 3 x 3 pixels)</i>								
	2	(STIS.sp.51 5010)	(10) EPS-CMA	STIS/CCD, ACQ/PEAK, 0.3X0.05ND	G430L 4300 A				0.1 Secs (0.1 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models B1-2III 19952.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 1.51 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(174,843,766 e-) x0.001= 175,000 for ND3</i>								
	3	(STIS.sp.51 6067)	(10) EPS-CMA	STIS/FUV-MAMA, ACCUM, 0.3X0.05ND	E140M 1425 A				1537 Secs (1537 Secs)	
								[==>]	[1]	
		<i>Comments: M-1425 1537 ND3 79,324 STIS.sp.516067 (TRA: 96K)</i>								
	4	(STIS.sp.51 6068)	(10) EPS-CMA	STIS/FUV-MAMA, ACCUM, 0.3X0.05ND	E140H 1271 A				1296 Secs X 2 (2592 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[2]	
		<i>Comments: H-1271 2592 ND3 39,707 STIS.sp.516068 (TRA: 60K)</i>								
	5	(STIS.sp.51 6069)	(10) EPS-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230M 1978 A				1292 Secs X 2 (2584 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[3]	
		<i>Comments: M-1978 2584 ND3 55,936 STIS.sp.516069 (TRA: 56K)</i>								
	6	(STIS.sp.51 6071)	(10) EPS-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230H 2713 A				1296 Secs X 2 (2592 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[4]	
		<i>Comments: H-2713 2592 ND3 41,423 STIS.sp.516071 (TRA: 37K)</i>								

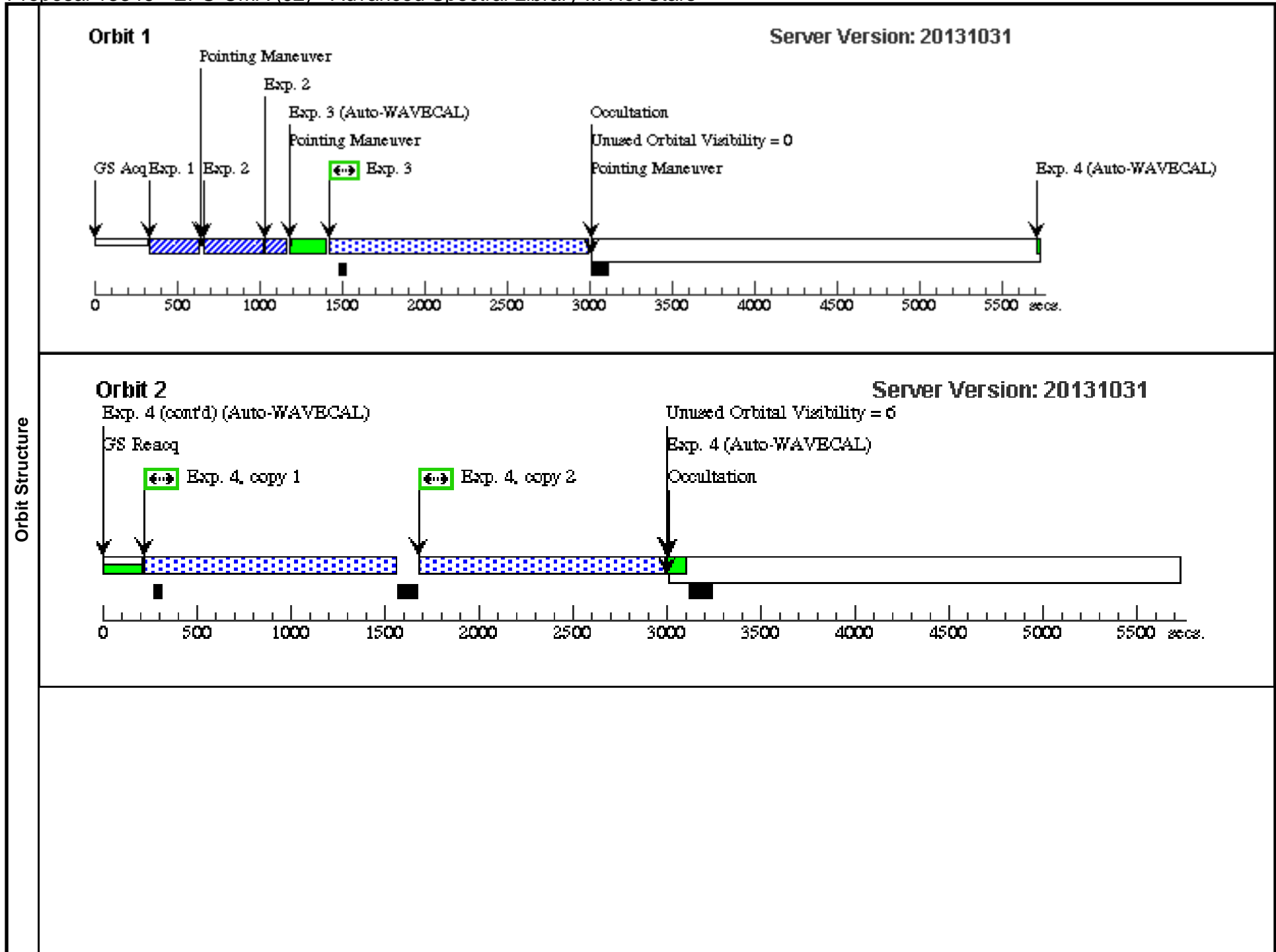


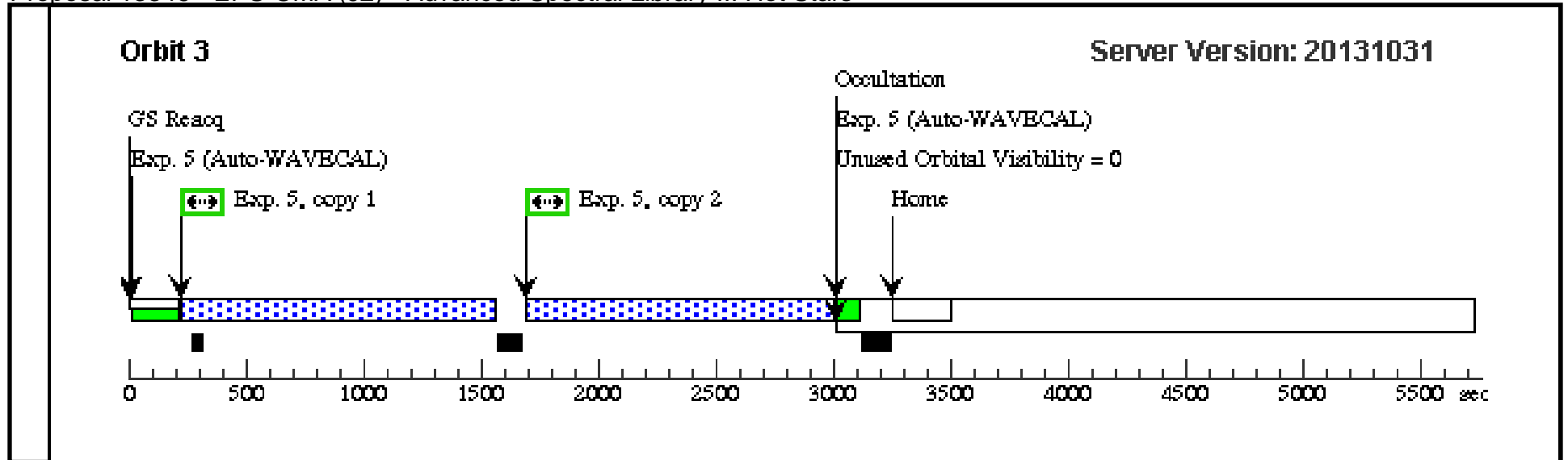


Proposal 13346 - EPS-CMA (J2) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:57 GMT 2014

Visit	Proposal 13346, EPS-CMA (J2), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(10)	EPS-CMA	RA: 06 58 37.5490 (104.6564542d)	Proper Motion RA: +3 mas/yr	V=1.513+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-52089	Dec: -28 58 19.51 (-28.97209d)	Proper Motion Dec: +1 mas/yr						
		Alt Name2: ADARA	Equinox: J2000	Parallax: 0.0"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 015)	(10) EPS-CMA	STIS/CCD, ACQ, F25ND5	MIRROR				1.0 Secs (1 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models B1-2III 19952.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 1.51 in magnitudes relative to Vega</i> <i>29,108 e- (box of 3 x 3 pixels)</i>								
	2	(STIS.sp.51 5010)	(10) EPS-CMA	STIS/CCD, ACQ/PEAK, 0.3X0.05ND	G430L 4300 A				0.6 Secs (0.6 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models B1-2III 19952.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 1.51 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(174,843,766 e-) x0.001= 175,000 for ND3</i> <i>tepx 0.1s increased to 0.6s to improve CR</i>								
	3	(STIS.sp.51 6067)	(10) EPS-CMA	STIS/FUV-MAMA, ACCUM, 0.3X0.05ND	E140M 1425 A				1525 Secs (1525 Secs)	
								[==>]	[1]	
		<i>Comments: M-1425 1537 ND3 79,324 STIS.sp.516067 (TRA: 96K)</i>								
	4	(STIS.sp.51 6072)	(10) EPS-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230H 2463 A				1293 Secs X 2 (2586 Secs)	
								[==>(Copy 1)]	[2]	
								[==>(Copy 2)]		
		<i>Comments: H-2463 2586 ND3 39,525 STIS.sp.516072 (TRA: 37K)</i>								
	5	(STIS.sp.51 6074)	(10) EPS-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230H 2912 A				1296 Secs X 2 (2592 Secs)	
								[==>(Copy 1)]	[3]	
								[==>(Copy 2)]		
		<i>Comments: H-2912 2592 ND3 28,324 STIS.sp.516074 (TRA: 25K)</i>								

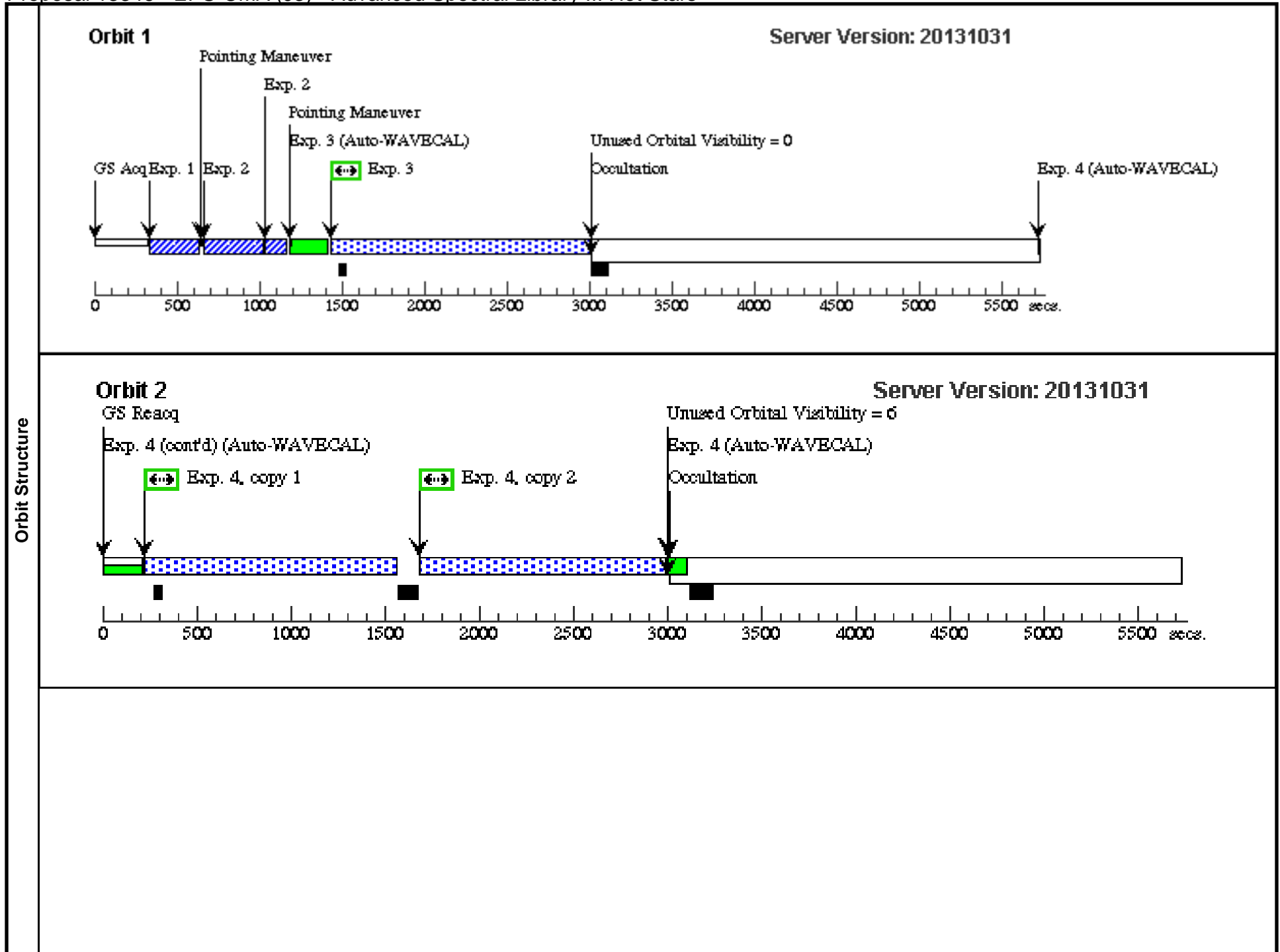


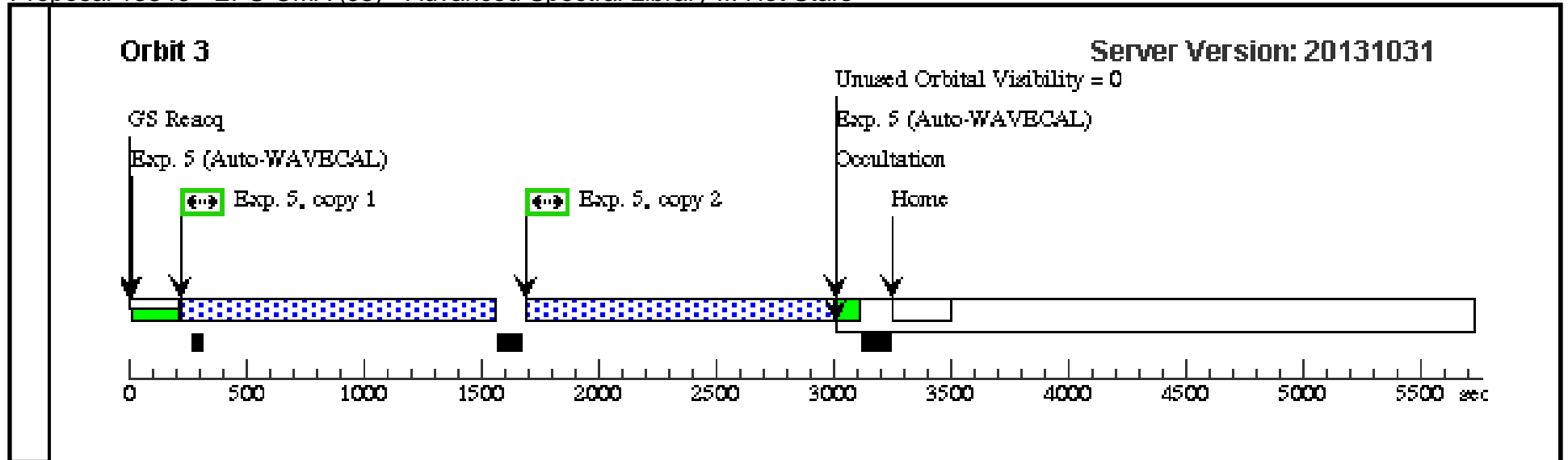


Proposal 13346 - EPS-CMA (J3) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:20:58 GMT 2014

Visit	Proposal 13346, EPS-CMA (J3), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(10)	EPS-CMA	RA: 06 58 37.5490 (104.6564542d)	Proper Motion RA: +3 mas/yr	V=1.513+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-52089	Dec: -28 58 19.51 (-28.97209d)	Proper Motion Dec: +1 mas/yr						
		Alt Name2: ADARA	Equinox: J2000	Parallax: 0.0"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 015)	(10) EPS-CMA	STIS/CCD, ACQ, F25ND5	MIRROR				1.0 Secs (1 Secs)	
								[==>]	[1]	
		Comments: Pickles Models B1-2III 19952.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 1.51 in magnitudes relative to Vega 29,108 e- (box of 3 x 3 pixels)								
	2	(STIS.sp.51 5010)	(10) EPS-CMA	STIS/CCD, ACQ/PEAK, 0.3X0.05ND	G430L 4300 A				0.6 Secs (0.6 Secs)	
								[==>]	[1]	
		Comments: Pickles Models B1-2III 19952.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 1.51 in magnitudes relative to Vega Aperture: 52X0.05 (174,843,766 e-) x0.001= 175,000 for ND3 texp 0.1s increased to 0.6s to improve CR								
	3	(STIS.sp.51 6071)	(10) EPS-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230H 2713 A				1519 Secs (1519 Secs)	
								[==>]	[1]	
		Comments: H-2713 1531 ND3 41,423 STIS.sp.516071 (TRA: 37K)								
	4	(STIS.sp.51 6073)	(10) EPS-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230H 2513 A				1293 Secs X 2 (2586 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[2]	
		Comments: H-2513 2586 ND3 40,356 STIS.sp.516073 (TRA: 39K)								
	5	(STIS.sp.51 6074)	(10) EPS-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230H 2912 A				1296 Secs X 2 (2592 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[3]	
		Comments: H-2912 2592 ND3 28,324 STIS.sp.516074 (TRA: 25K)								

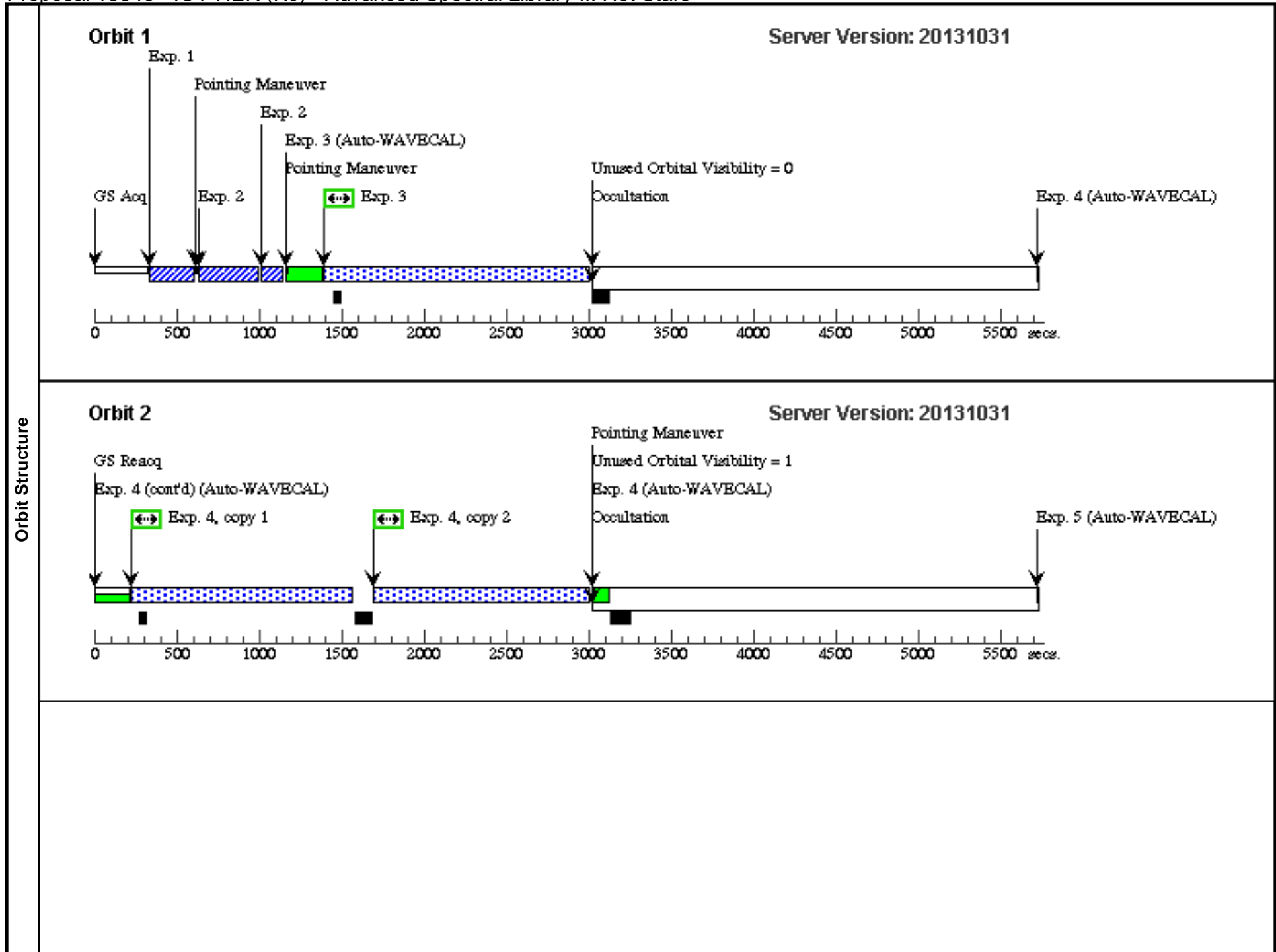




Proposal 13346 - IOT-HER (K0) - Advanced Spectral Library II: Hot Stars

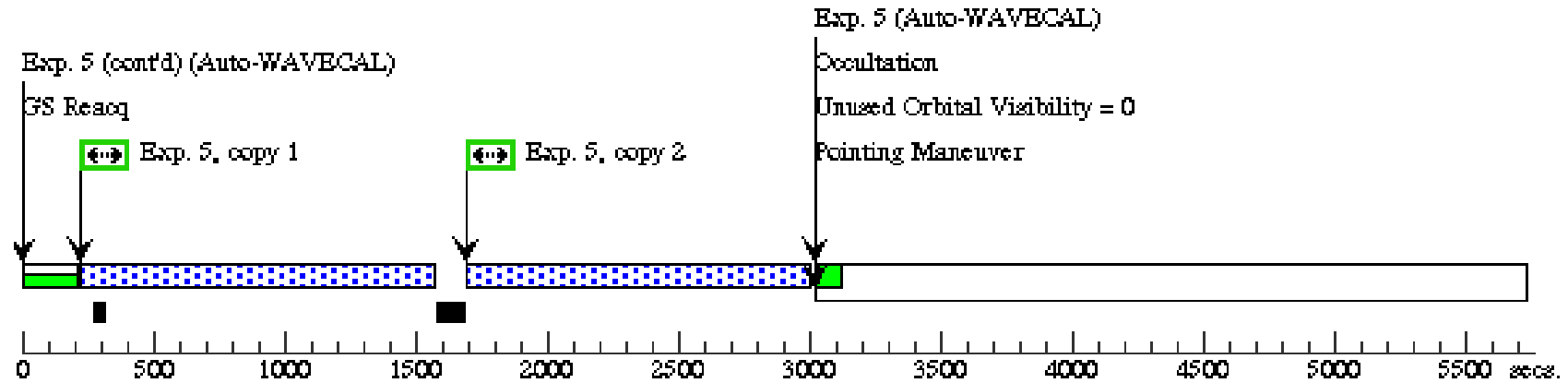
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Visit	Proposal 13346, IOT-HER (K0), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(11)	IOT-HER Alt Name1: HD-160762	RA: 17 39 27.8860 (264.8661917d) Dec: +46 00 22.80 (46.00633d) Equinox: J2000	Proper Motion RA: -7 mas/yr Proper Motion Dec: +5 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=3.800+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 405)	(11) IOT-HER	STIS/CCD, ACQ, F28X500III	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.8 in magnitudes relative to Vega</i> <i>59,216 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.42 seconds</i>									
2	(STIS.sp.51 5404)	(11) IOT-HER	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				0.5 Secs (0.5 Secs) [==>]	[1]	
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.8 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(18,897,464 e-) x0.01 = 189,000 for ND2</i> <i>texp 0.1s increased to 0.5s to improve CR</i>									
3	(STIS.sp.51 5913)	(11) IOT-HER	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140M 1425 A				1566 Secs (1566 Secs) [==>]	[1]	
	<i>Comments: M-1425 1575 ND2 62,322 STIS.sp.515913 (TRA: 75K)</i>									
4	(STIS.sp.51 6163)	(11) IOT-HER	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1271 A				1302 Secs X 2 (2604 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
	<i>Comments: H-1271 2580 NDC 4,140,936 x0.04 = 166,000 STIS.sp.516163 PHT=>NDC (TRA:214K) !!! max abs NDC</i>									
5	(STIS.sp.51 5916)	(11) IOT-HER	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230M 1978 A				1301 Secs X 2 (2602 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
	<i>Comments: M-1978 2602 ND2 52,960 STIS.sp.515916 (TRA: 54K)</i>									
6	(STIS.sp.51 5404)	(11) IOT-HER	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.8 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(18,897,464 e-) x0.05 = 945,000 for NDC</i>									
7	(STIS.sp.51 5917)	(11) IOT-HER	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230H 2713 A				1875 Secs (1875 Secs) [==>]	[4]	
	<i>Comments: H-2713 1875 NDC 3,603,591 x0.05 = 180,000 STIS.sp.515917 PHT=>NDC (TRA:138K)</i>									



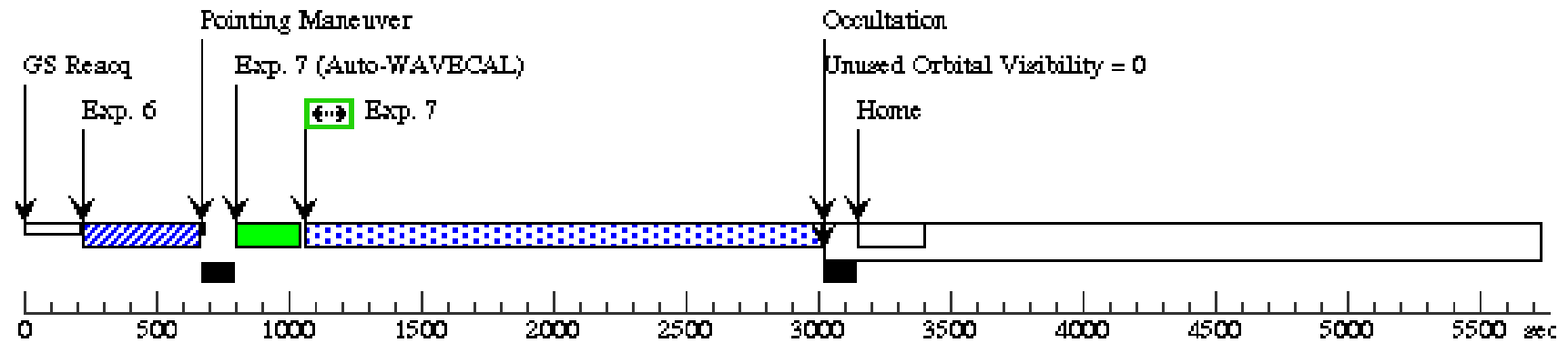
Orbit 3

Server Version: 20131031



Orbit 4

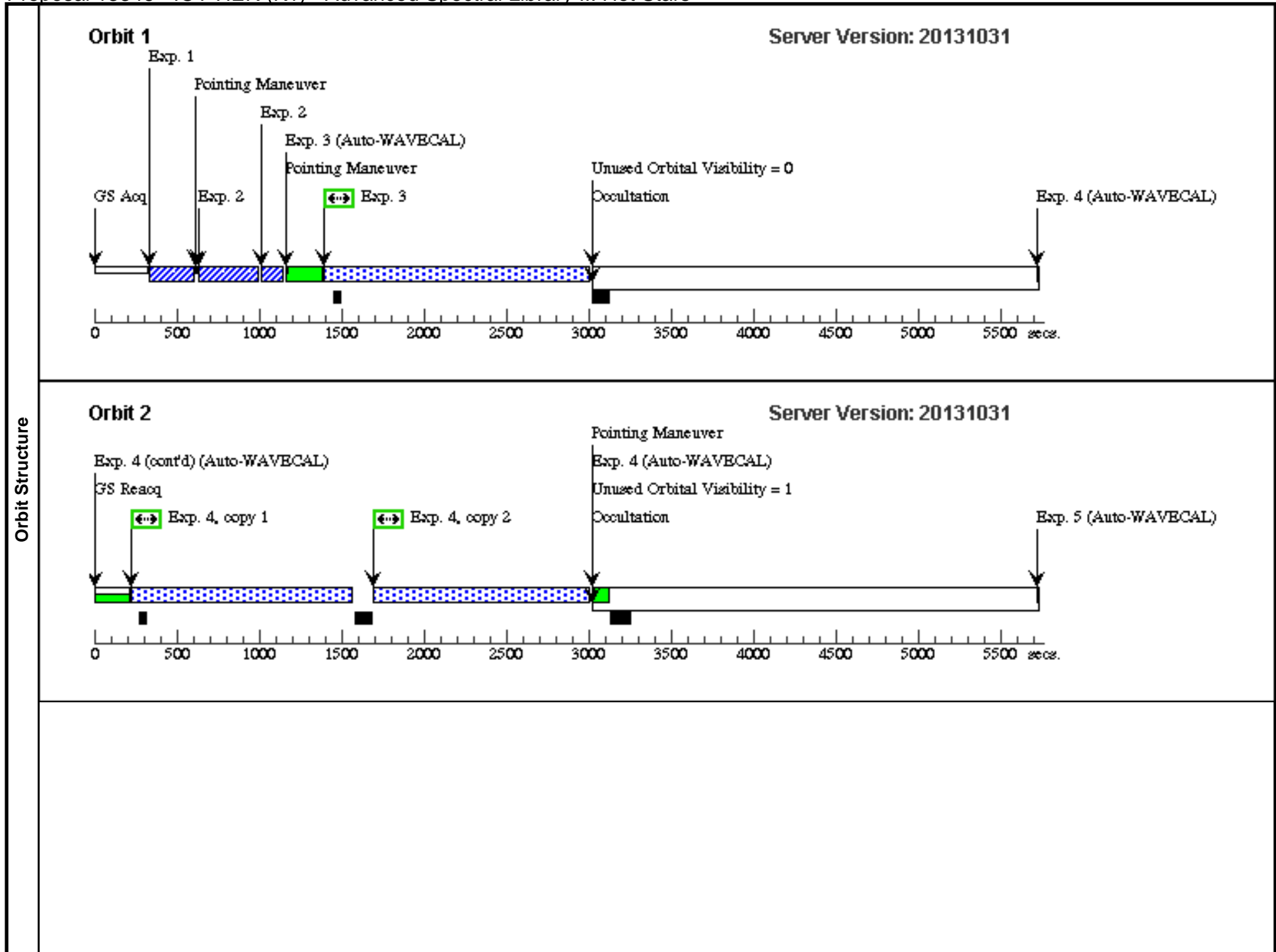
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Proposal 13346 - IOT-HER (K1) - Advanced Spectral Library II: Hot Stars

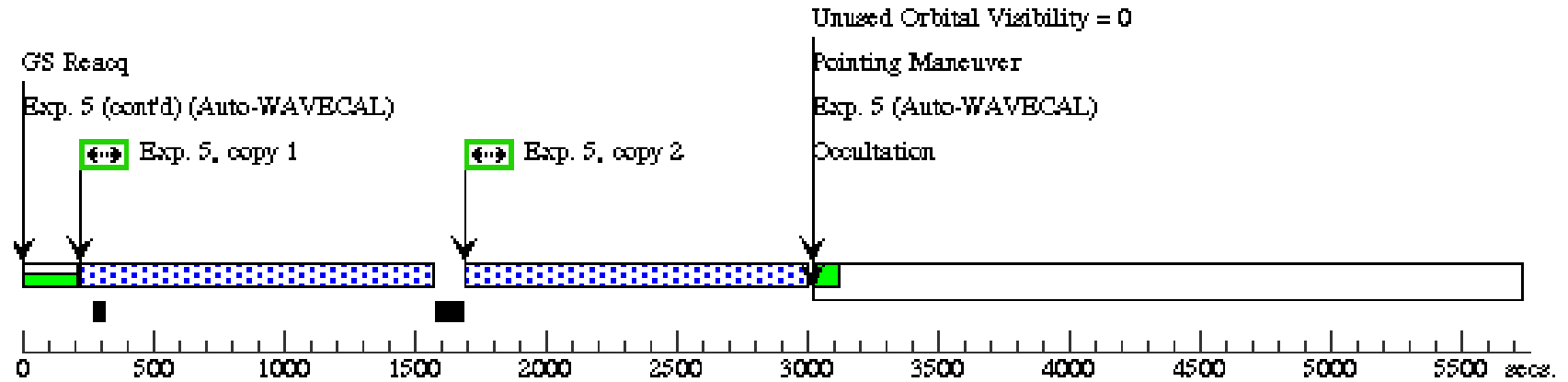
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Visit	Proposal 13346, IOT-HER (K1), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(11)	IOT-HER Alt Name1: HD-160762	RA: 17 39 27.8860 (264.8661917d) Dec: +46 00 22.80 (46.00633d) Equinox: J2000	Proper Motion RA: -7 mas/yr Proper Motion Dec: +5 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=3.800+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 405)	(11) IOT-HER	STIS/CCD, ACQ, F28X500III	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.8 in magnitudes relative to Vega</i> <i>59,216 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.42 seconds</i>									
2	(STIS.sp.51 5404)	(11) IOT-HER	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				0.5 Secs (0.5 Secs) [==>]	[1]	
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.8 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(18,897,464 e-) x0.01 = 189,000 for ND2</i> <i>tepx 0.1s increased to 0.5s to improve CR</i>									
3	(STIS.sp.51 5913)	(11) IOT-HER	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140M 1425 A				1566 Secs (1566 Secs) [==>]	[1]	
	<i>Comments: M-1425 1575 ND2 62,322 STIS.sp.515913 (TRA: 75K)</i>									
4	(STIS.sp.51 6163)	(11) IOT-HER	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1271 A				1302 Secs X 2 (2604 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
	<i>Comments: H-1271 2580 NDC 4,140,936 x0.04 = 166,000 STIS.sp.516163 PHT=>NDC (TRA:214K) !!! max abs NDC</i>									
5	(STIS.sp.51 5916)	(11) IOT-HER	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230M 1978 A				1301 Secs X 2 (2602 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
	<i>Comments: M-1978 2602 ND2 52,960 STIS.sp.515916 (TRA: 54K)</i>									
6	(STIS.sp.51 5404)	(11) IOT-HER	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.8 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(18,897,464 e-) x0.05 = 945,000 for NDC</i>									
7	(STIS.sp.51 5917)	(11) IOT-HER	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230H 2713 A				1875 Secs (1875 Secs) [==>]	[4]	
	<i>Comments: H-2713 1875 NDC 3,603,591 x0.05 = 180,000 STIS.sp.515917 PHT=>NDC (TRA:138K)</i>									



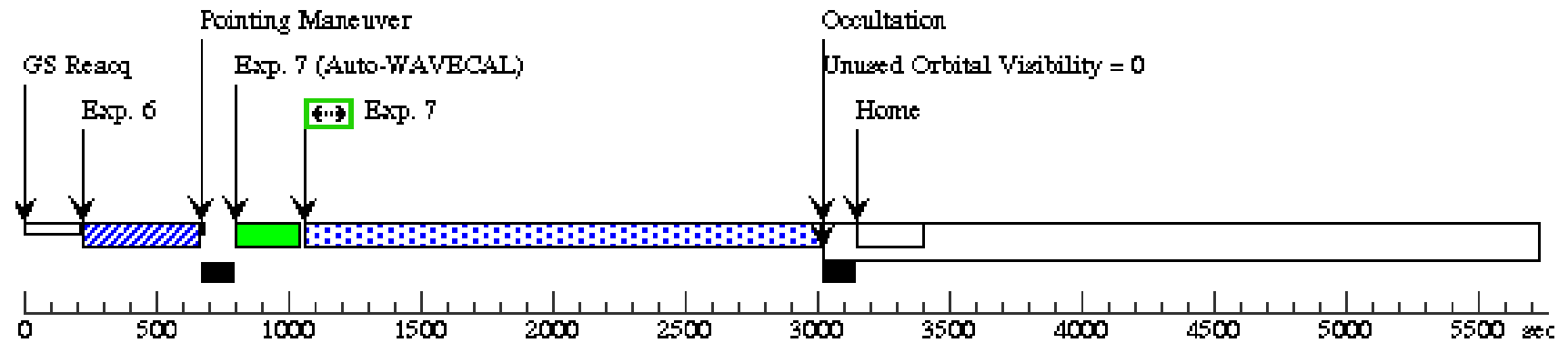
Orbit 3

Server Version: 20131031



Orbit 4

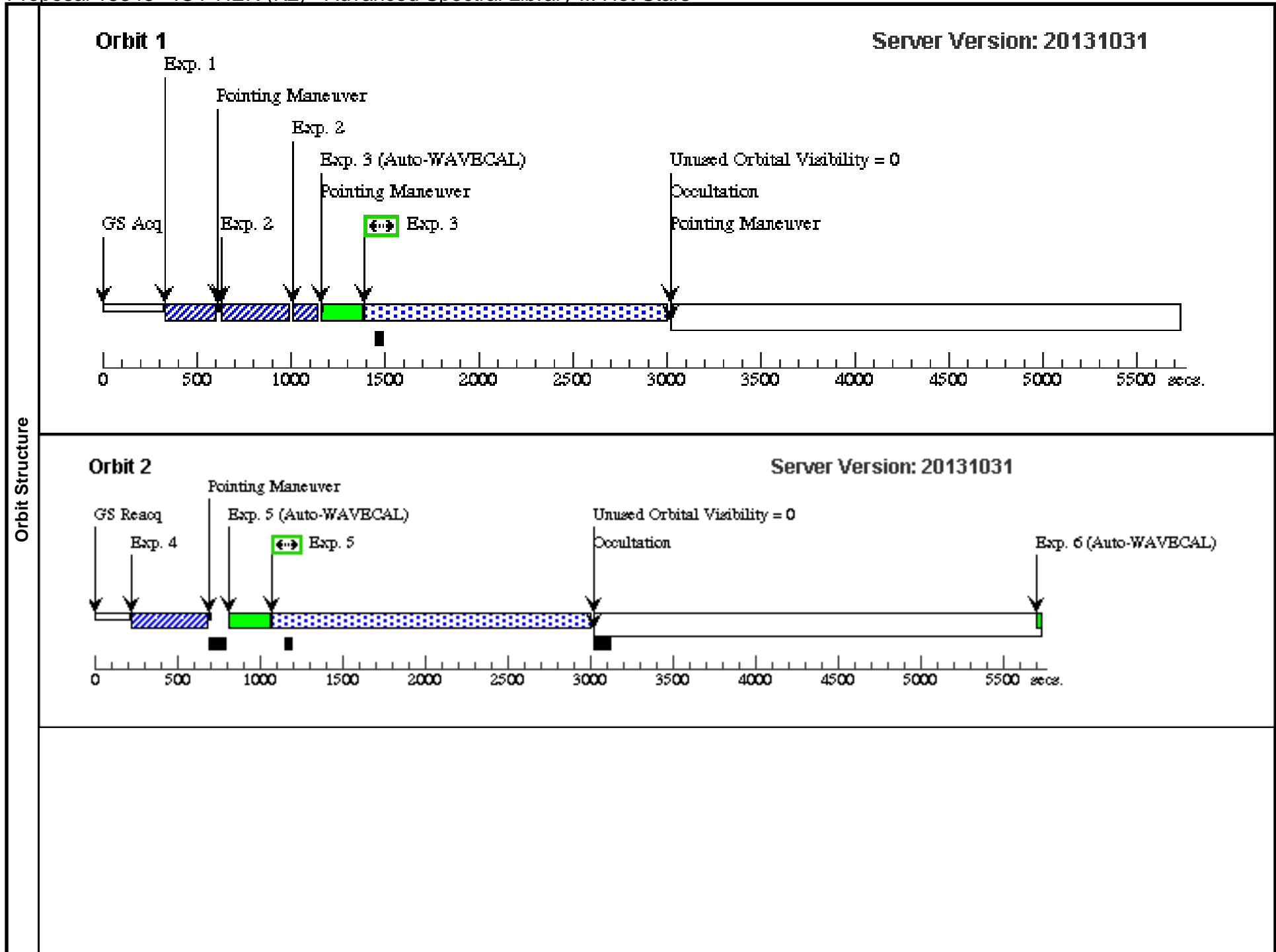
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Proposal 13346 - IOT-HER (K2) - Advanced Spectral Library II: Hot Stars

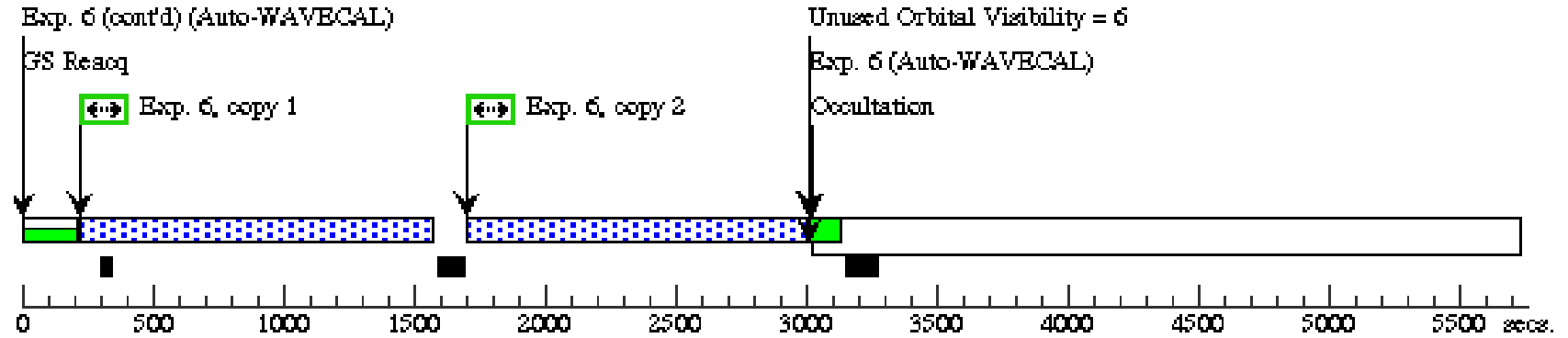
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Visit	Proposal 13346, IOT-HER (K2), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(11)	IOT-HER Alt Name1: HD-160762	RA: 17 39 27.8860 (264.8661917d) Dec: +46 00 22.80 (46.00633d) Equinox: J2000	Proper Motion RA: -7 mas/yr Proper Motion Dec: +5 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=3.800+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 405)	(11) IOT-HER	STIS/CCD, ACQ, F28X500III	MIRROR					0.1 Secs (0.1 Secs) [==>]
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.8 in magnitudes relative to Vega</i> <i>59,216 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.42 seconds</i>									
2	(STIS.sp.51 5404)	(11) IOT-HER	STIS/CCD, ACQ/PEAK,	0.2X0.05ND	G430L 4300 A				0.5 Secs (0.5 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.8 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(18,897,464 e-) x0.01= 189,000 for ND2</i> <i>texp 0.1s increased to 0.5s to improve CR</i>									
3	(STIS.sp.51 5913)	(11) IOT-HER	STIS/FUV-MAMA, ACCUM,	0.2X0.05ND	E140M 1425 A				1566 Secs (1566 Secs) [==>]	[1]
	<i>Comments: M-1425 1575 ND2</i> <i>62,322 STIS.sp.515913 (TRA: 75K)</i>									
4	(STIS.sp.51 5404)	(11) IOT-HER	STIS/CCD, ACQ/PEAK,	31X0.05NDC	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[2]
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.8 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(18,897,464 e-) x0.05= 945,000 for NDC</i>									
5	(STIS.sp.51 5919)	(11) IOT-HER	STIS/NUV-MAMA, ACCUM,	31X0.05NDC	E230H 2463 A				1861 Secs (1861 Secs) [==>]	[2]
	<i>Comments: H-2463 1861 NDC 3,941,756 x0.05= 197,000 STIS.sp.515919 PHT=>NDC (TRA:154K)</i>									
6	(STIS.sp.51 5920)	(11) IOT-HER	STIS/NUV-MAMA, ACCUM,	31X0.05NDC	E230H 2513 A				1287 Secs X 2 (2574 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]
	<i>Comments: H-2513 2574 NDC 3,873,213 x0.05= 194,000 STIS.sp.515920 PHT=>NDC (TRA:157K)</i>									
7	(STIS.sp.51 5921)	(11) IOT-HER	STIS/NUV-MAMA, ACCUM,	31X0.05NDC	E230H 2912 A				1290 Secs X 2 (2580 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]
	<i>Comments: H-2912 2580 NDC 2,353,855 x0.05= 118,000 STIS.sp.515921 PHT=>NDC (TRA: 94K)</i>									



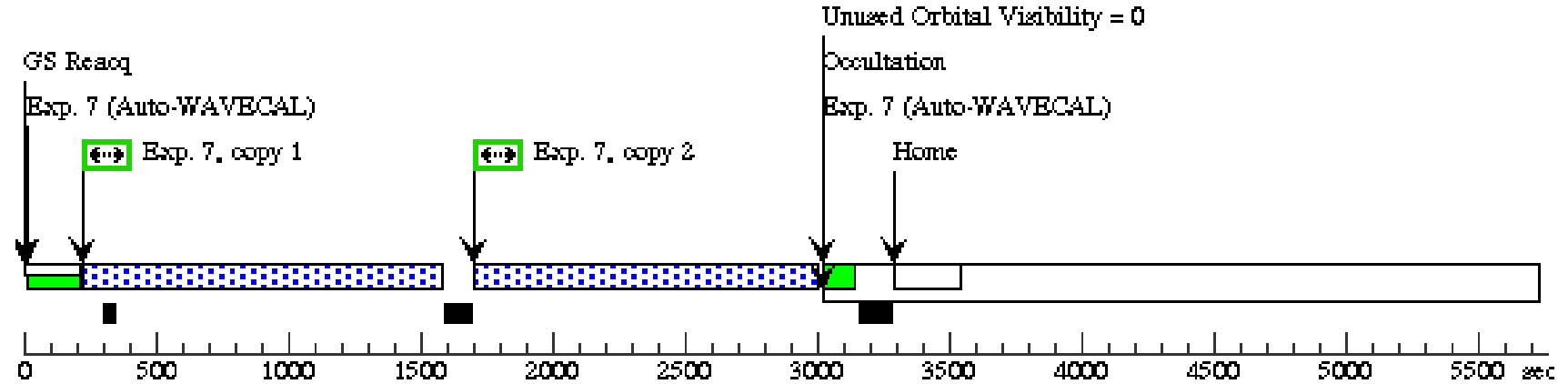
Orbit 3

Server Version: 20131031



Orbit 4

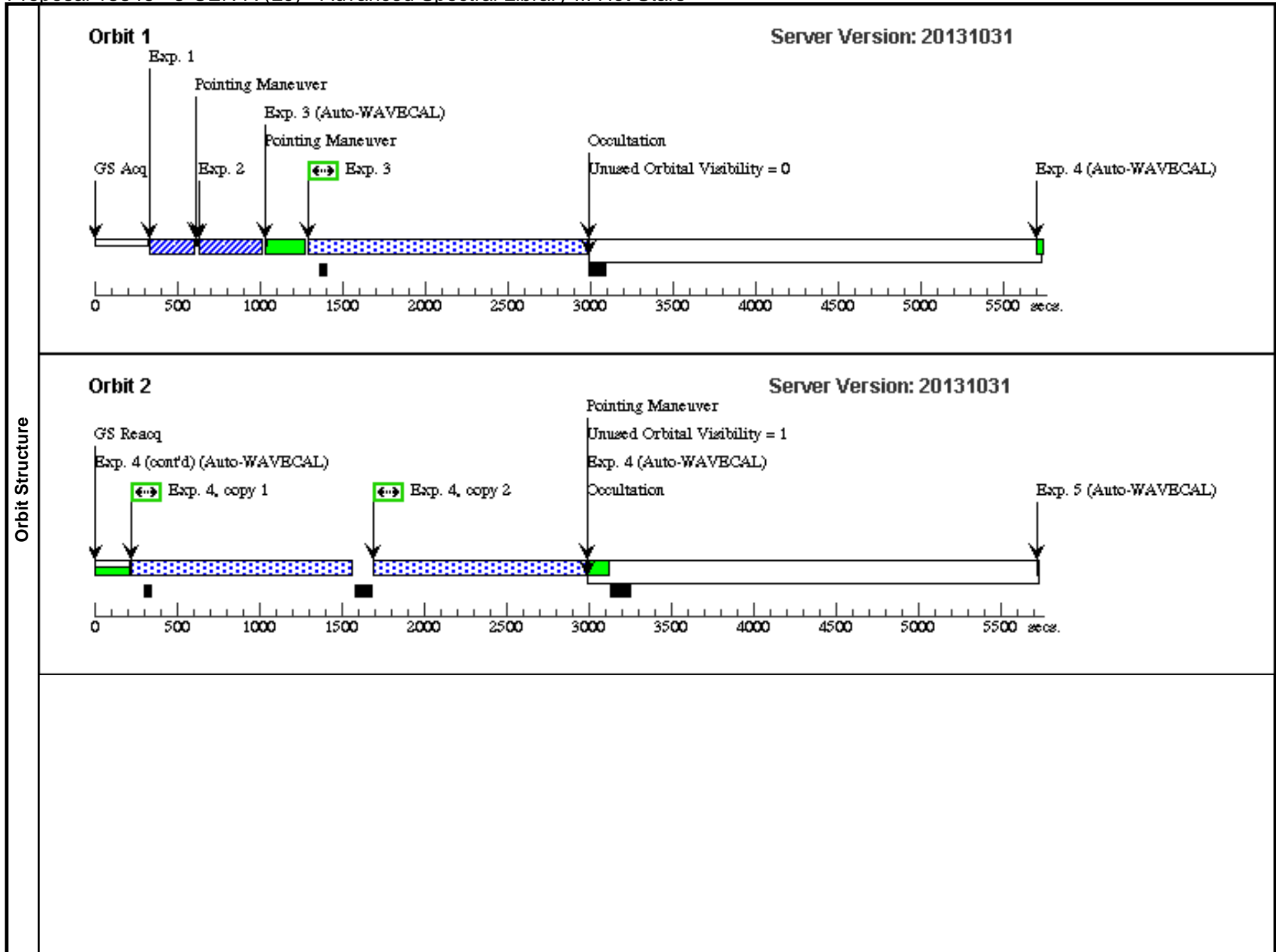
Server Version: 20131031



Proposal 13346 - 3-CEN-A (L0) - Advanced Spectral Library II: Hot Stars

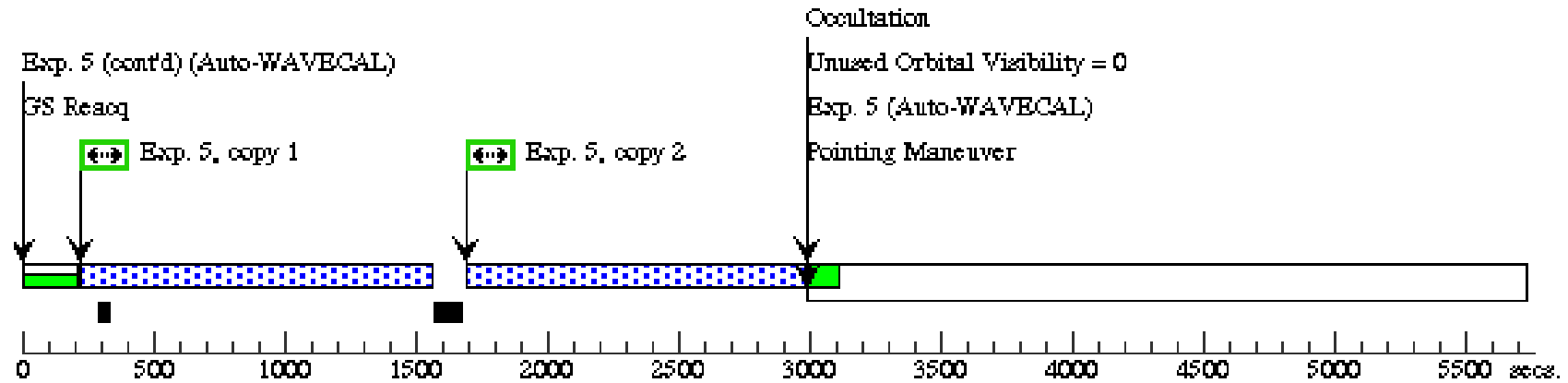
Mon Mar 17 01:21:02 GMT 2014

Visit	Proposal 13346, 3-CEN-A (L0), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 0D TO 120 D; ORIENT 180D TO 300 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(12)	3-CEN-A Alt Name1: HD-120709	RA: 13 51 49.6010 (207.9566708d) Dec: -32 59 38.71 (-32.99409d) Equinox: J2000	Proper Motion RA: -70 mas/yr Proper Motion Dec: -22 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=4.52+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 412)	(12) 3-CEN-A	STIS/CCD, ACQ, F28X500III	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 4.52 in magnitudes relative to Vega 30,510 e- (box of 3 x 3 pixels) Time to Saturation (for a single exposure) = 0.82 seconds</i>									
	2	(STIS.sp.51 5407)	(12) 3-CEN-A	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 4.52 in magnitudes relative to Vega Aperture: 52X0.05 (9,736,515 e-) x0.05= 487,000 for NDC texp 0.1s increased to 0.2s to improve CR</i>									
	3	(STIS.sp.51 5905)	(12) 3-CEN-A	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140M 1425 A				1623 Secs (1623 Secs) [==>]	[1]
	<i>Comments: M-1425 1625 NDC 3,544,769 x0.05= 177,000 STIS.sp.515905 PHT=>NDC (TRA:170K)</i>									
	4	(STIS.sp.51 590)	(12) 3-CEN-A	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140H 1271 A				1276 Secs X 2 (2552 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: H-1271 2554 NDB 1,522,278 x0.10= 152,000 STIS.sp.515907 PHT=>NDB (TRA:190K)</i>										
5	(STIS.sp.51 5909)	(12) 3-CEN-A	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230M 1978 A				1278 Secs X 2 (2556 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: M-1978 2556 NDC 3,759,624 x0.05= 188,000 STIS.sp.515909 PHT=>NDC (TRA:143K)</i>										
6	(STIS.sp.51 5407)	(12) 3-CEN-A	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 4.52 in magnitudes relative to Vega Aperture: 52X0.05 (9,736,515 e-) x0.10= 974,000 for NDB</i>										
7	(STIS.sp.51 5908)	(12) 3-CEN-A	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2713 A				1851 Secs (1851 Secs) [==>]	[4]	
<i>Comments: H-2713 1851 NDB 1,677,405 x0.10= 168,000 STIS.sp.515908 PHT=>NDB (TRA:110K)</i>										



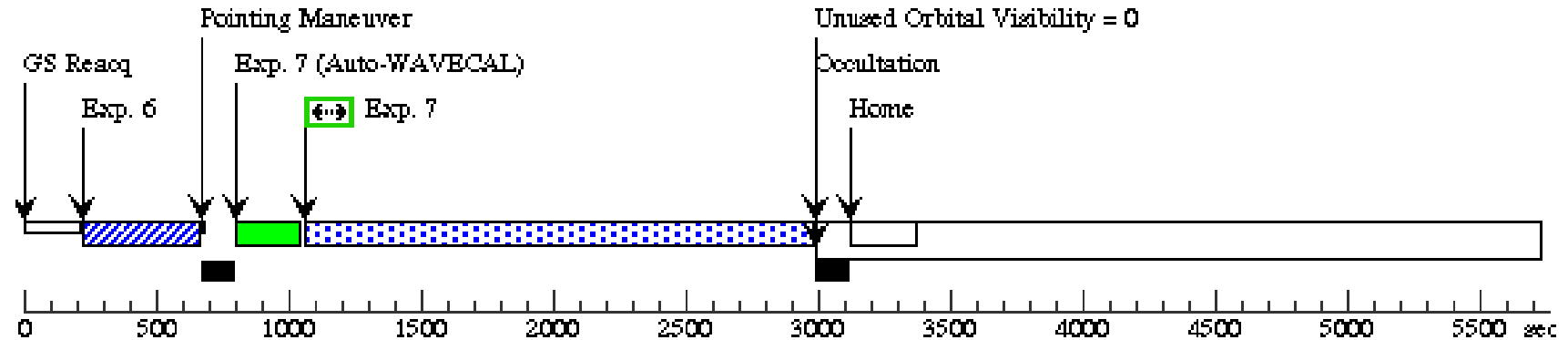
Orbit 3

Server Version: 20131031



Orbit 4

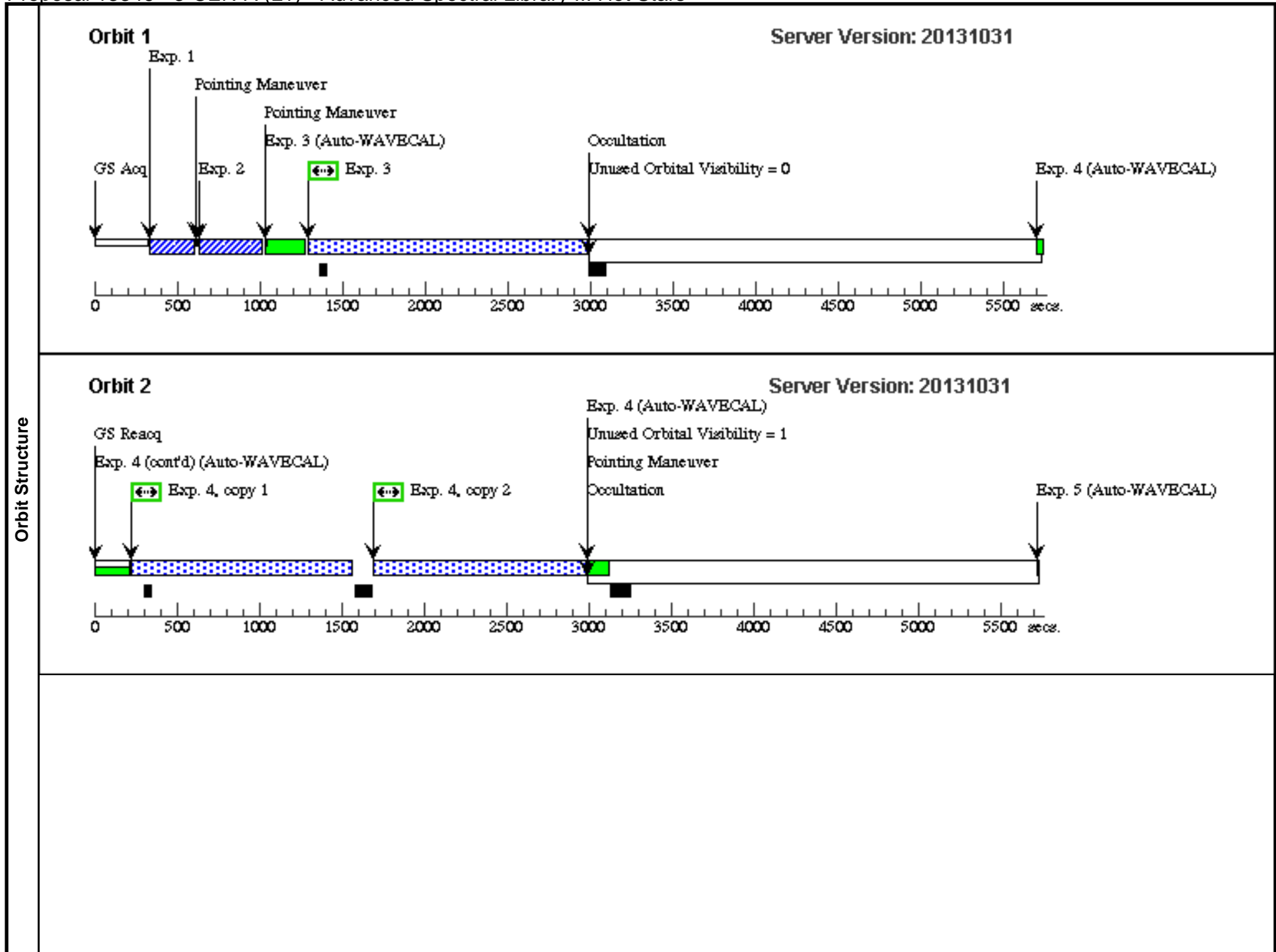
Server Version: 20131031



Proposal 13346 - 3-CEN-A (L1) - Advanced Spectral Library II: Hot Stars

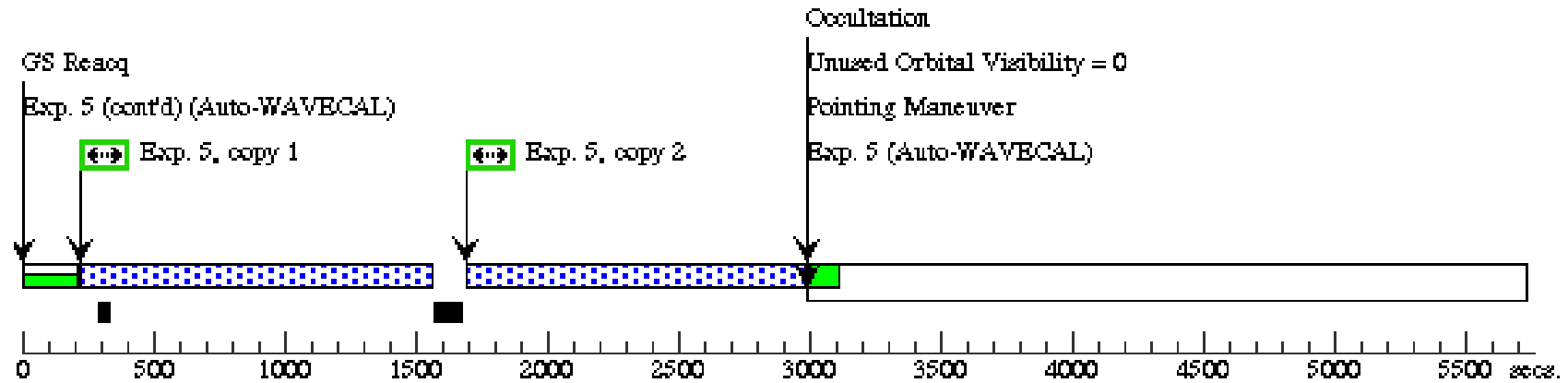
Mon Mar 17 01:21:03 GMT 2014

Visit	Proposal 13346, 3-CEN-A (L1), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 0D TO 120 D; ORIENT 180D TO 300 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(12)	3-CEN-A Alt Name1: HD-120709	RA: 13 51 49.6010 (207.9566708d) Dec: -32 59 38.71 (-32.99409d) Equinox: J2000	Proper Motion RA: -70 mas/yr Proper Motion Dec: -22 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=4.52+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 412)	(12) 3-CEN-A	STIS/CCD, ACQ, F28X500III	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.52 in magnitudes relative to Vega</i> <i>30,510 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.82 seconds</i>									
	2	(STIS.sp.51 5407)	(12) 3-CEN-A	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.52 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(9,736,515 e-) x0.05= 487,000 for NDC</i> <i>texp 0.1s increased to 0.2s to improve CR</i>									
	3	(STIS.sp.51 5905)	(12) 3-CEN-A	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140M 1425 A				1623 Secs (1623 Secs) [==>]	[1]
	<i>Comments: M-1425 1625 NDC 3,544,769 x0.05= 177,000 STIS.sp.515905 PHT=>NDC (TRA:170K)</i>									
	4	(STIS.sp.51 590)	(12) 3-CEN-A	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140H 1271 A				1276 Secs X 2 (2552 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: H-1271 2554 NDB 1,522,278 x0.10= 152,000 STIS.sp.515907 PHT=>NDB (TRA:190K)</i>										
5	(STIS.sp.51 5909)	(12) 3-CEN-A	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230M 1978 A				1278 Secs X 2 (2556 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: M-1978 2556 NDC 3,759,624 x0.05= 188,000 STIS.sp.515909 PHT=>NDC (TRA:143K)</i>										
6	(STIS.sp.51 5407)	(12) 3-CEN-A	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
<i>Comments: Pickles Models B3V 19054.6K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 4.52 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(9,736,515 e-) x0.10= 974,000 for NDB</i>										
7	(STIS.sp.51 5908)	(12) 3-CEN-A	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2713 A				1851 Secs (1851 Secs) [==>]	[4]	
<i>Comments: H-2713 1851 NDB 1,677,405 x0.10= 168,000 STIS.sp.515908 PHT=>NDB (TRA:110K)</i>										



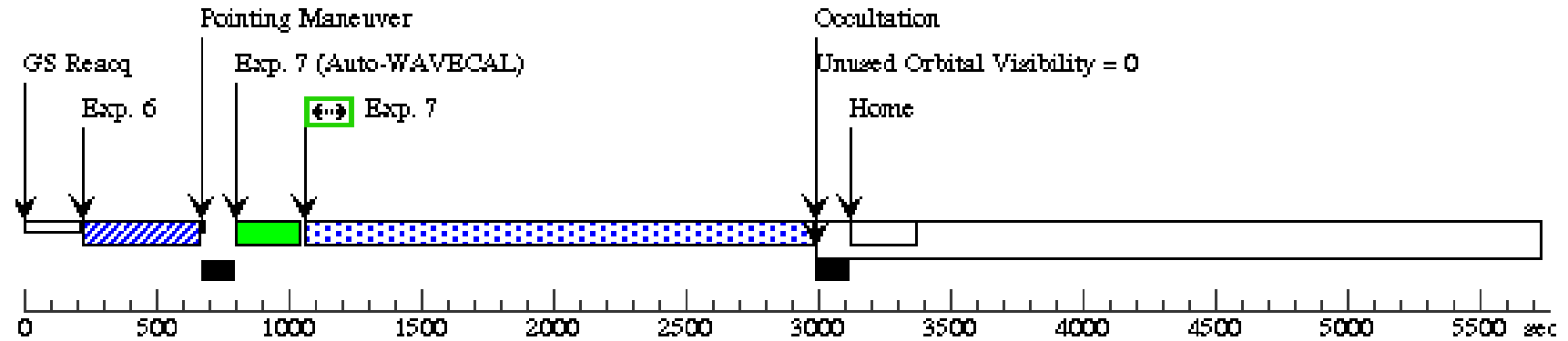
Orbit 3

Server Version: 20131031



Orbit 4

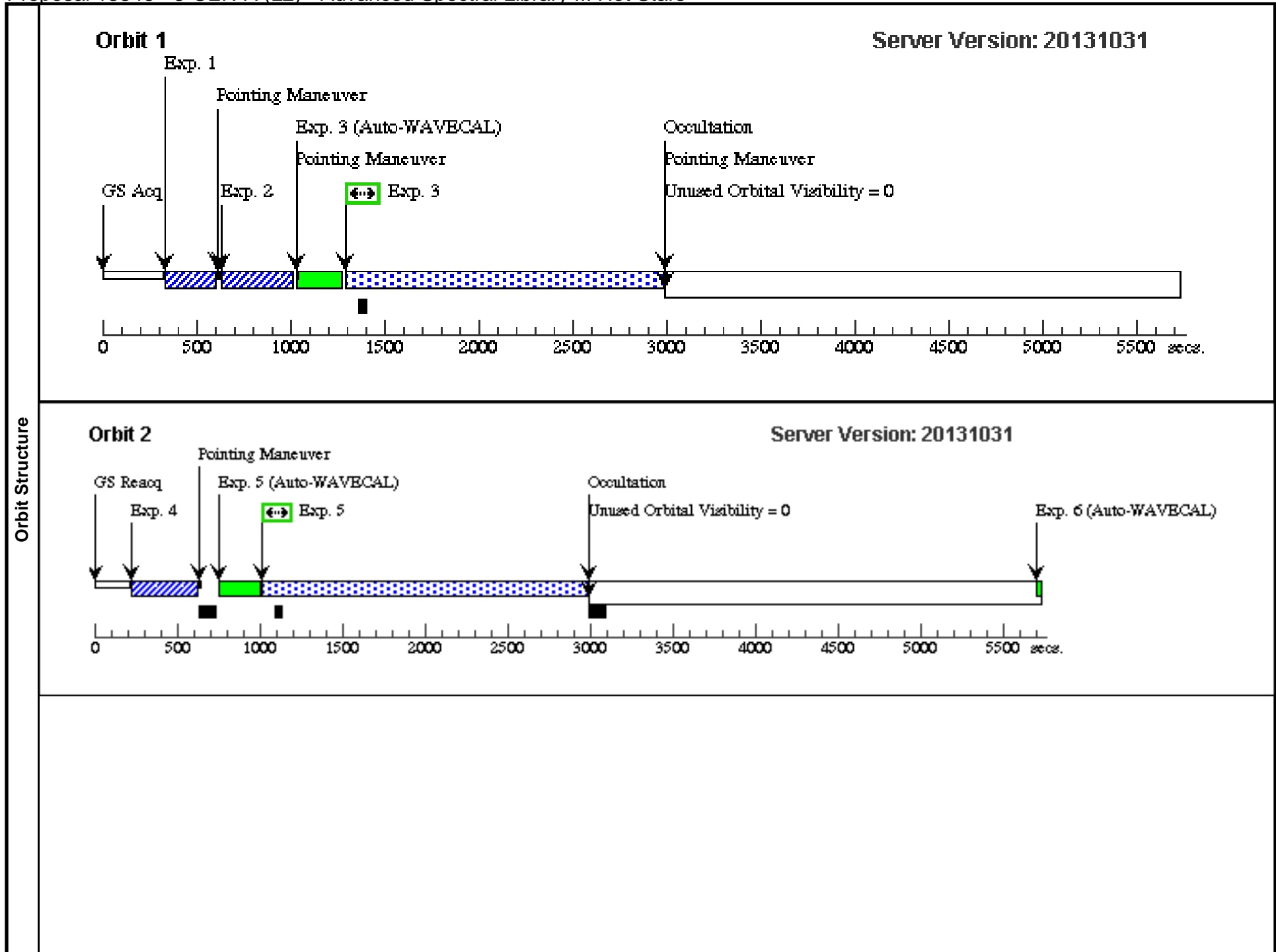
Server Version: 20131031



Proposal 13346 - 3-CEN-A (L2) - Advanced Spectral Library II: Hot Stars

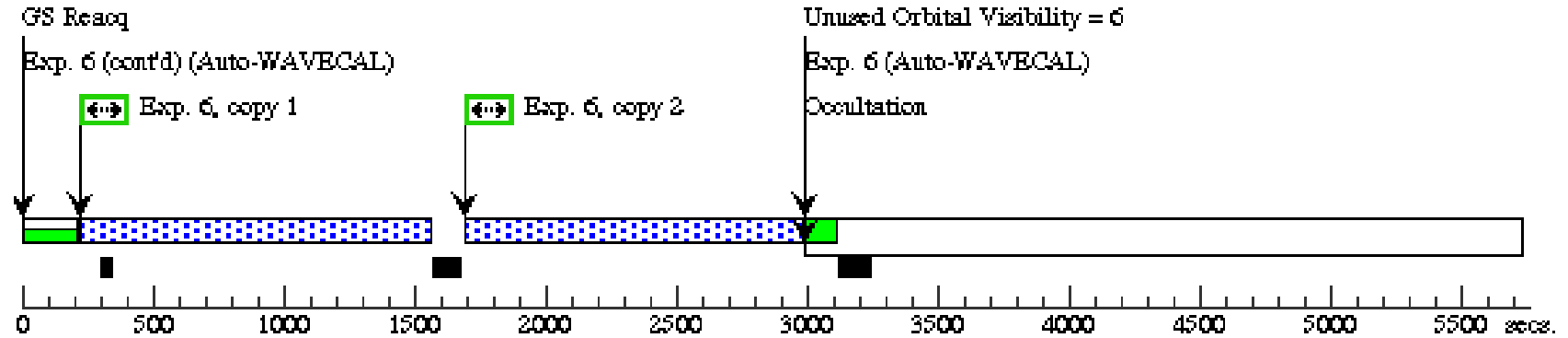
Mon Mar 17 01:21:04 GMT 2014

Visit	Proposal 13346, 3-CEN-A (L2), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 0D TO 120 D; ORIENT 180D TO 300 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(12)	3-CEN-A Alt Name1: HD-120709	RA: 13 51 49.6010 (207.9566708d) Dec: -32 59 38.71 (-32.99409d) Equinox: J2000	Proper Motion RA: -70 mas/yr Proper Motion Dec: -22 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=4.52+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 412)	(12) 3-CEN-A	STIS/CCD, ACQ, F28X500III	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 4.52 in magnitudes relative to Vega 30,510 e- (box of 3 x 3 pixels) Time to Saturation (for a single exposure) = 0.82 seconds</i>									
	2	(STIS.sp.51 5407)	(12) 3-CEN-A	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 4.52 in magnitudes relative to Vega Aperture: 52X0.05 (9,736,515 e-) x0.05= 487,000 for NDC texp 0.1s increased to 0.2s to improve CR</i>									
	3	(STIS.sp.51 5905)	(12) 3-CEN-A	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140M 1425 A				1623 Secs (1623 Secs) [==>]	[1]
	<i>Comments: M-1425 1625 NDC 3,544,769 x0.05= 177,000 STIS.sp.515905 PHT=>NDC (TRA:170K)</i>									
	4	(STIS.sp.51 5407)	(12) 3-CEN-A	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[2]
<i>Comments: Pickles Models B3V 19054.6K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 4.52 in magnitudes relative to Vega Aperture: 52X0.05 (9,736,515 e-) x0.10= 974,000 for NDB</i>										
5	(STIS.sp.51 5910)	(12) 3-CEN-A	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2463 A				1897 Secs (1897 Secs) [==>]	[2]	
<i>Comments: H-2463 1897 NDB 1,825,745 x0.10= 183,000 STIS.sp.515910 PHT=>NDB (TRA:137K)</i>										
6	(STIS.sp.51 5911)	(12) 3-CEN-A	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2513 A				1274 Secs X 2 (2548 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: H-2513 2548 NDB 1,799,794 x0.10= 180,000 STIS.sp.515911 PHT=>NDB (TRA:136K)</i>										
7	(STIS.sp.51 5912)	(12) 3-CEN-A	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2912 A				1277 Secs X 2 (2554 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
<i>Comments: H-2912 2554 NDB 1,136,489 x0.10= 114,000 STIS.sp.515912 PHT=>NDB (TRA: 74K)</i>										



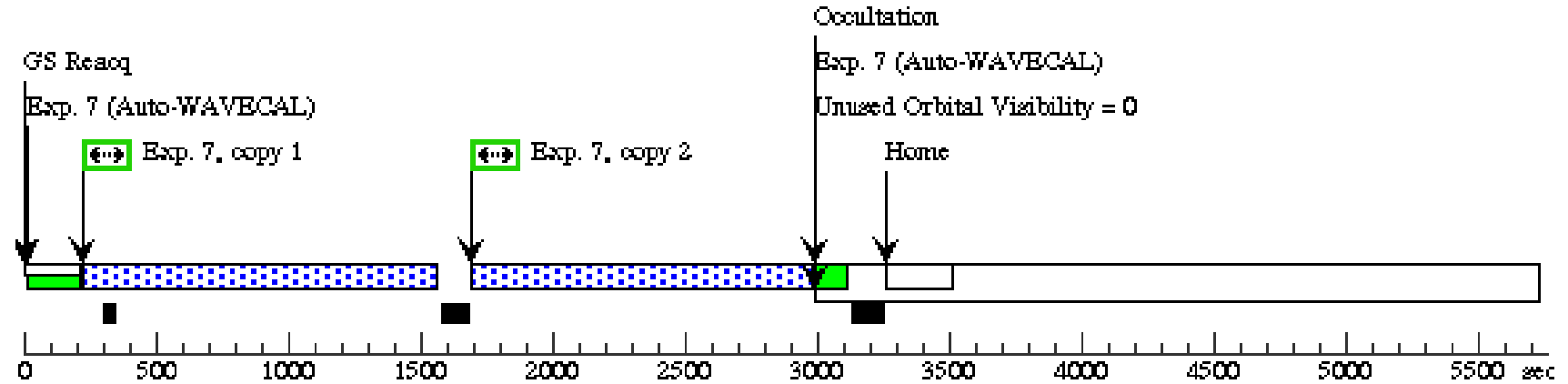
Orbit 3

Server Version: 20131031



Orbit 4

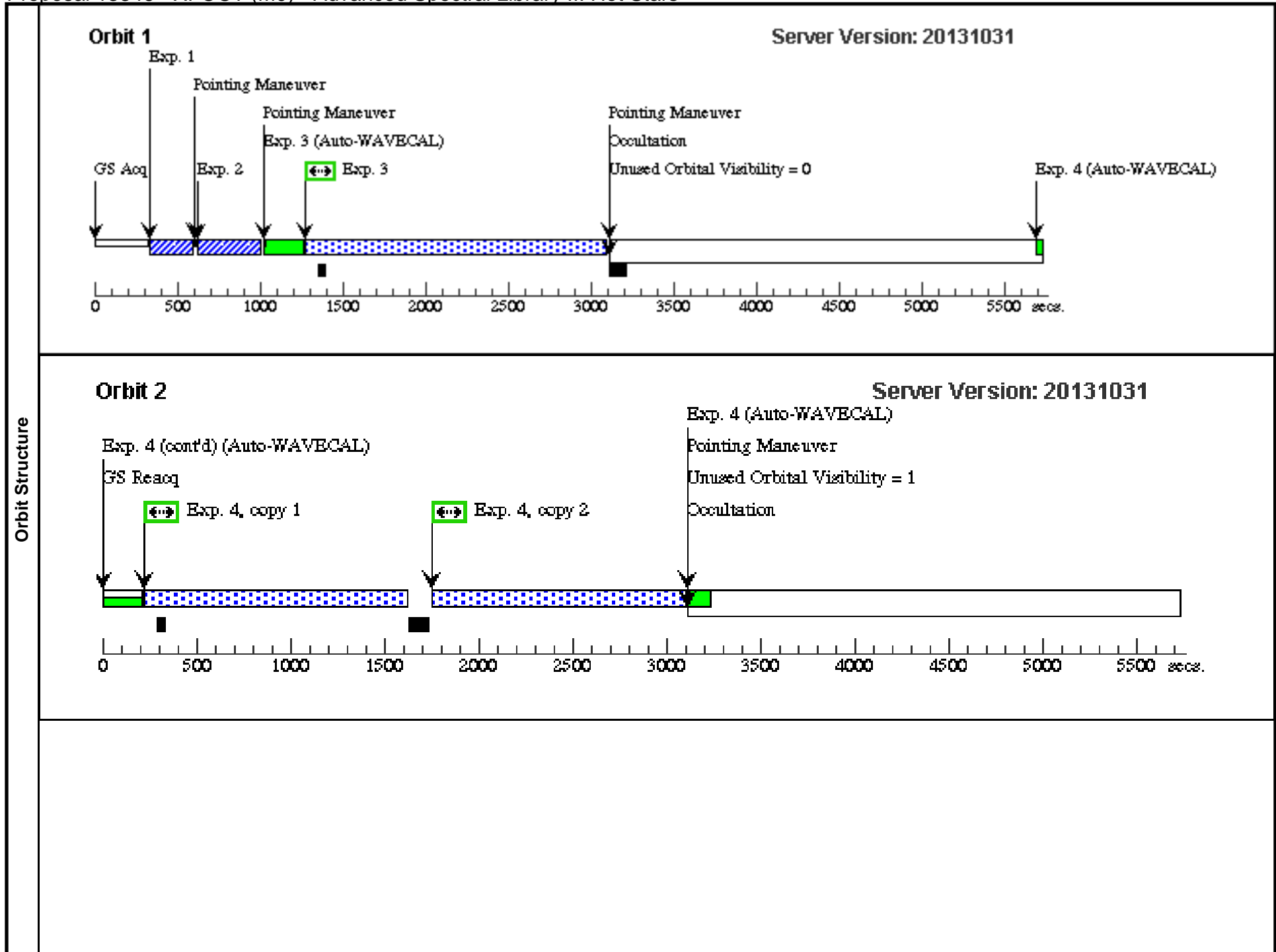
Server Version: 20131031

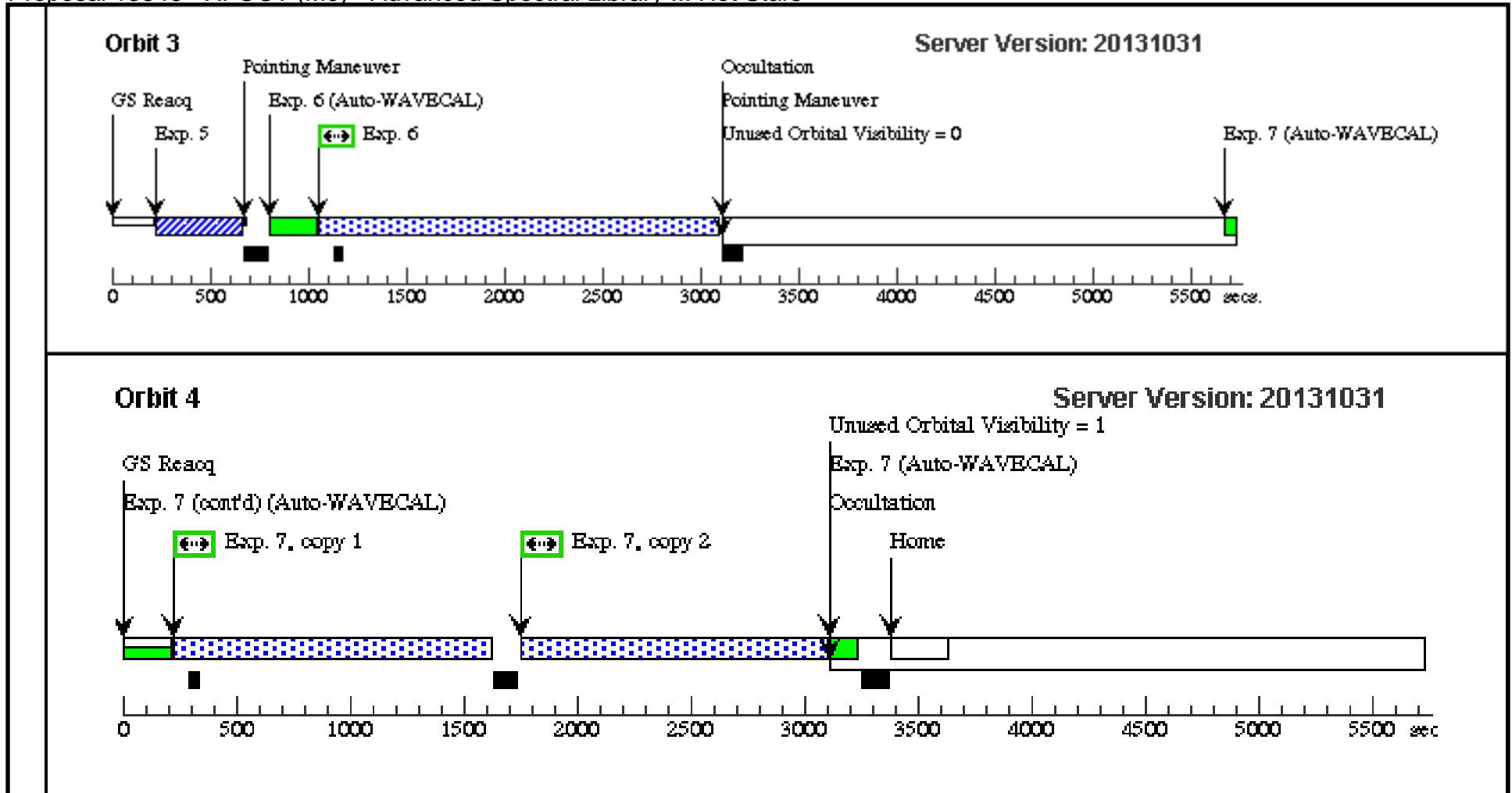


Proposal 13346 - XI-OCT (M0) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:21:05 GMT 2014

Visit	Proposal 13346, XI-OCT (M0), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(13)	XI-OCT Alt Name1: HD-215573	RA: 22 50 22.8140 (342.5950583d) Dec: -80 07 25.84 (-80.12384d) Equinox: J2000	Proper Motion RA: +20 mas/yr Proper Motion Dec: -12 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=5.313+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 419)	(13) XI-OCT	STIS/CCD, ACQ, F28X500II	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B5-7V 14125.4K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.31 in magnitudes relative to Vega</i> <i>49,599 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.43 seconds</i>									
	2	(STIS.sp.51 5414)	(13) XI-OCT	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B5-7V 14125.4K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.31 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,250,653 e-) x0.10= 425,000 for NDB</i> <i>texp 0.1s increased to 0.2s to improve CR</i>									
	3	(STIS.sp.51 5896)	(13) XI-OCT	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140M 1425 A				1758 Secs (1758 Secs) [==>]	[1]
	<i>Comments: M-1425 1760 NDB 1,165,122 x0.10= 117,000 STIS.sp.515896 PHT=>NDB (TRA:130K)</i>									
	4	(STIS.sp.51 5899)	(13) XI-OCT	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230M 1978 A				1337 Secs X 2 (2674 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: M-1978 2674 NDB 1,461,400 x0.10= 146,000 STIS.sp.515899 PHT=>NDB (TRA:126K)</i>										
5	(STIS.sp.51 5414)	(13) XI-OCT	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[3]	
<i>Comments: Pickles Models B5-7V 14125.4K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.31 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,250,653 e-) x0.25= 1,063,000 for NDA</i>										
6	(STIS.sp.51 5898)	(13) XI-OCT	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2713 A				1977 Secs (1977 Secs) [==>]	[3]	
<i>Comments: H-2713 1977 NDA 645,495 x0.25= 161,000 STIS.sp.515898 PHT=>NDA (TRA:136K)</i>										
7	(STIS.sp.51 5897)	(13) XI-OCT	STIS/FUV-MAMA, ACCUM, 31X0.05NDA	E140H 1271 A				1337 Secs X 2 (2674 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
<i>Comments: H-1271 2674 NDA 456,862 x0.25= 114,000 STIS.sp.515897 PHT=>NDA (TRA:132K)</i>										

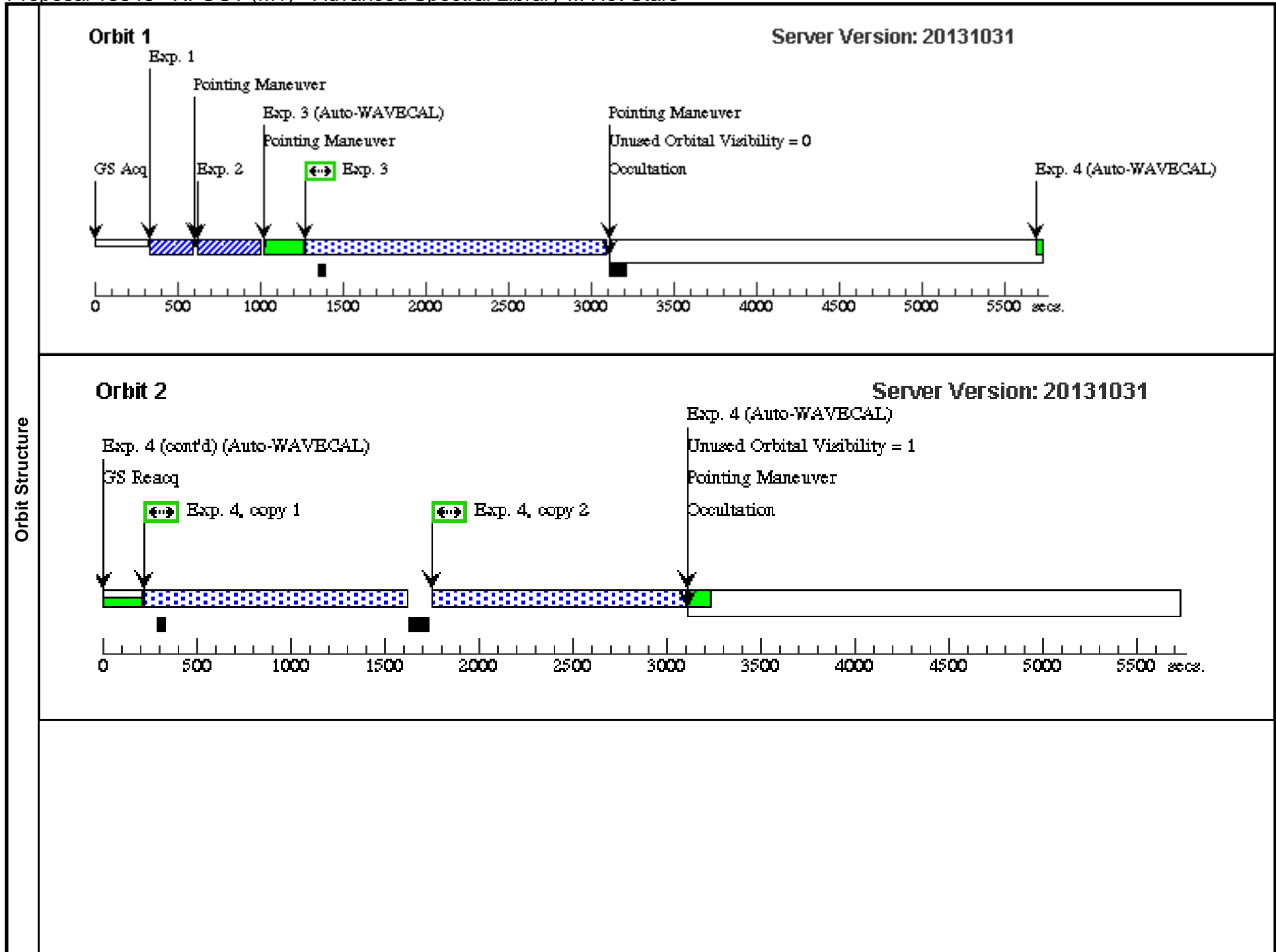


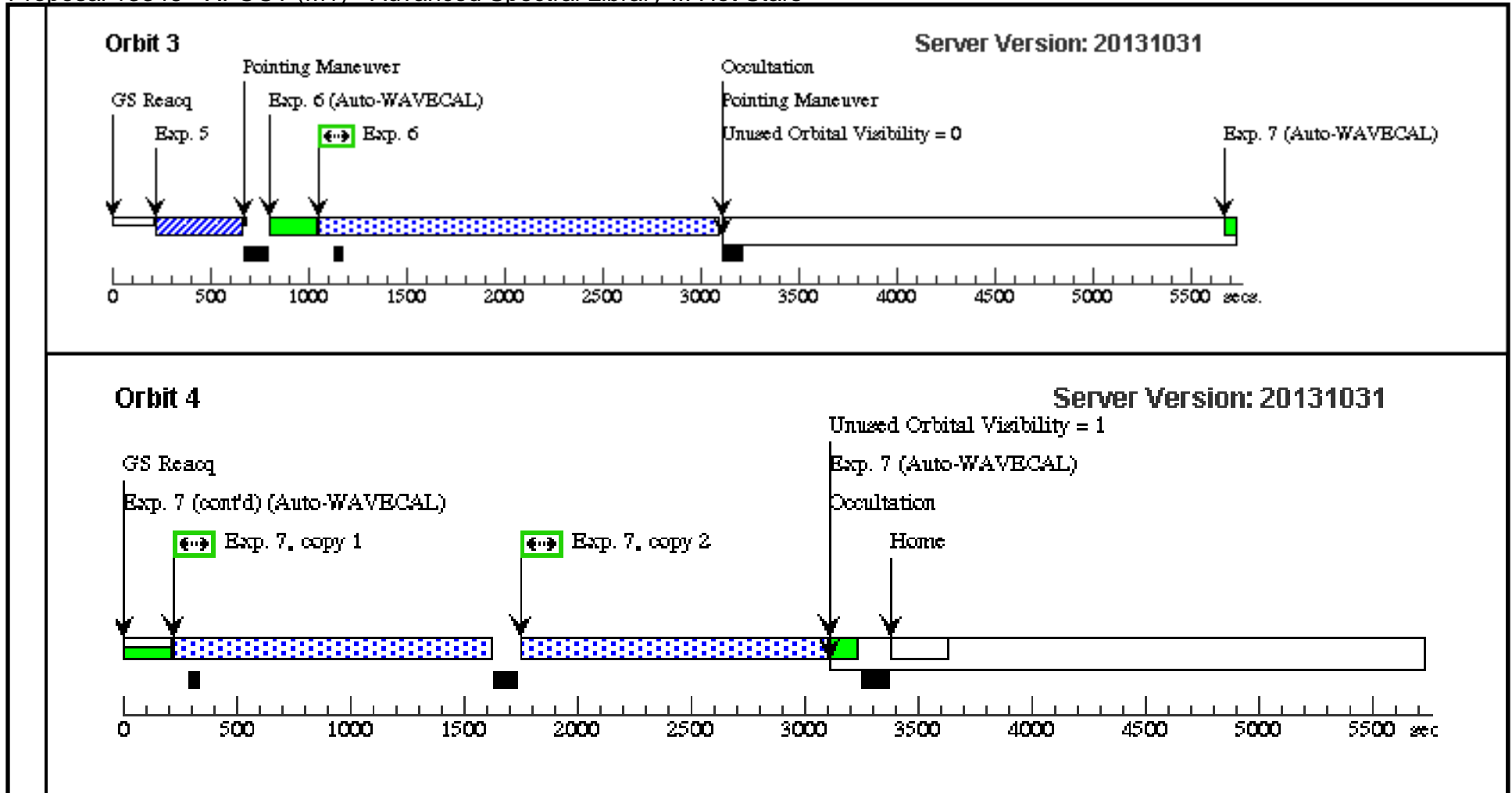


Proposal 13346 - XI-OCT (M1) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:21:06 GMT 2014

Visit	Proposal 13346, XI-OCT (M1), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(13)	XI-OCT Alt Name1: HD-215573	RA: 22 50 22.8140 (342.5950583d) Dec: -80 07 25.84 (-80.12384d) Equinox: J2000	Proper Motion RA: +20 mas/yr Proper Motion Dec: -12 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=5.313+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 419)	(13) XI-OCT	STIS/CCD, ACQ, F28X500II	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B5-7V 14125.4K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.31 in magnitudes relative to Vega</i> <i>49,599 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.43 seconds</i>									
	2	(STIS.sp.51 5414)	(13) XI-OCT	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B5-7V 14125.4K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.31 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,250,653 e-) x0.10= 425,000 for NDB</i> <i>texp 0.1s increased to 0.2s to improve CR</i>									
	3	(STIS.sp.51 5896)	(13) XI-OCT	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140M 1425 A				1758 Secs (1758 Secs) [==>]	[1]
	<i>Comments: M-1425 1760 NDB 1,165,122 x0.10= 117,000 STIS.sp.515896 PHT=>NDB (TRA:130K)</i>									
	4	(STIS.sp.51 5899)	(13) XI-OCT	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230M 1978 A				1337 Secs X 2 (2674 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: M-1978 2674 NDB 1,461,400 x0.10= 146,000 STIS.sp.515899 PHT=>NDB (TRA:126K)</i>										
5	(STIS.sp.51 5414)	(13) XI-OCT	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[3]	
<i>Comments: Pickles Models B5-7V 14125.4K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.31 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,250,653 e-) x0.25= 1,063,000 for NDA</i>										
6	(STIS.sp.51 5898)	(13) XI-OCT	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2713 A				1977 Secs (1977 Secs) [==>]	[3]	
<i>Comments: H-2713 1977 NDA 645,495 x0.25= 161,000 STIS.sp.515898 PHT=>NDA (TRA:136K)</i>										
7	(STIS.sp.51 5897)	(13) XI-OCT	STIS/FUV-MAMA, ACCUM, 31X0.05NDA	E140H 1271 A				1337 Secs X 2 (2674 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
<i>Comments: H-1271 2674 NDA 456,862 x0.25= 114,000 STIS.sp.515897 PHT=>NDA (TRA:132K)</i>										

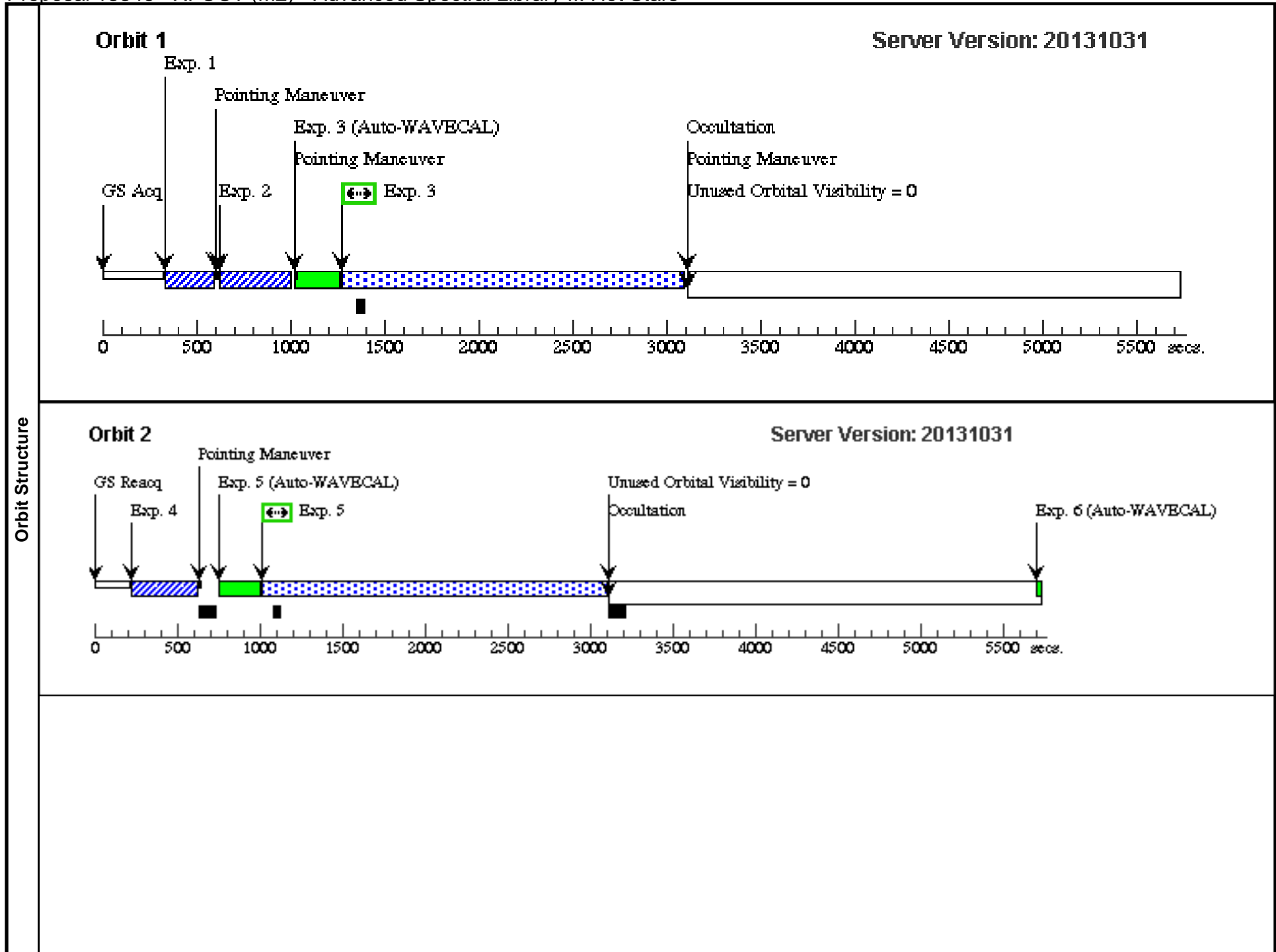




Proposal 13346 - XI-OCT (M2) - Advanced Spectral Library II: Hot Stars

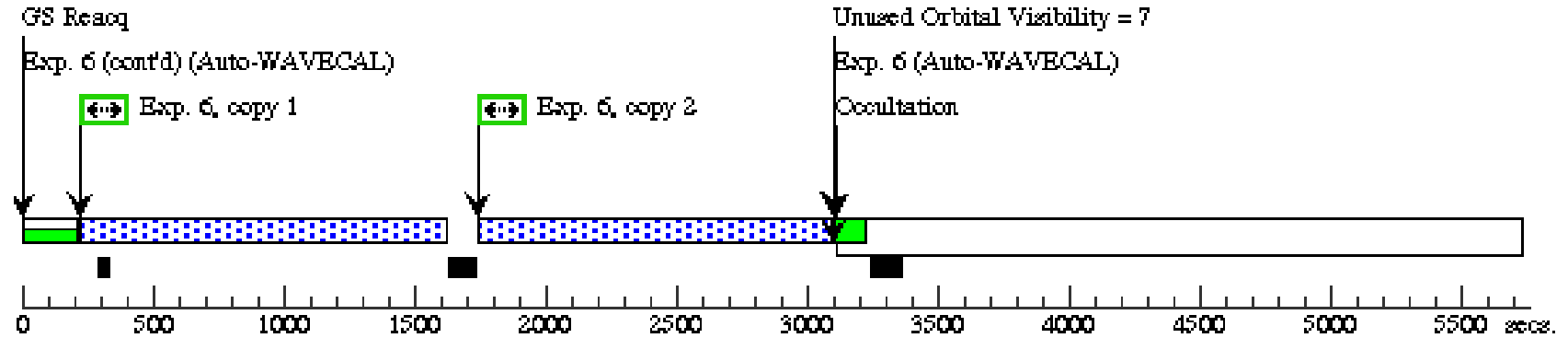
Mon Mar 17 01:21:07 GMT 2014

Visit	Proposal 13346, XI-OCT (M2), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(13)	XI-OCT Alt Name1: HD-215573	RA: 22 50 22.8140 (342.5950583d) Dec: -80 07 25.84 (-80.12384d) Equinox: J2000	Proper Motion RA: +20 mas/yr Proper Motion Dec: -12 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=5.313+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 419)	(13) XI-OCT	STIS/CCD, ACQ, F28X500II	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B5-7V 14125.4K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.31 in magnitudes relative to Vega</i> <i>49,599 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.43 seconds</i>									
2	(STIS.sp.51 5414)	(13) XI-OCT	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[1]	
	<i>Comments: Pickles Models B5-7V 14125.4K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.31 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,250,653 e-) x0.10= 425,000 for NDB</i> <i>texp 0.1s increased to 0.2s to improve CR</i>									
3	(STIS.sp.51 5896)	(13) XI-OCT	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140M 1425 A				1758 Secs (1758 Secs) [==>]	[1]	
	<i>Comments: M-1425 1760 NDB 1,165,122 x0.10= 117,000 STIS.sp.515896 PHT=>NDB (TRA:130K)</i>									
4	(STIS.sp.51 5414)	(13) XI-OCT	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[2]	
	<i>Comments: Pickles Models B5-7V 14125.4K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 5.31 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,250,653 e-) x0.25= 1,063,000 for NDA</i>									
5	(STIS.sp.51 5900)	(13) XI-OCT	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2463 A				2020 Secs (2020 Secs) [==>]	[2]	
	<i>Comments: H-2463 2020 NDA 676,680 x0.25= 169,000 STIS.sp.515900 PHT=>NDA (TRA:155K)</i>									
6	(STIS.sp.51 5901)	(13) XI-OCT	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2513 A				1334 Secs X 2 (2668 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
	<i>Comments: H-2513 2668 NDA 669,326 x0.25= 167,000 STIS.sp.515901 PHT=>NDA (TRA:156K)</i>									
7	(STIS.sp.51 5902)	(13) XI-OCT	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230H 2912 A				1337 Secs X 2 (2674 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
	<i>Comments: H-2912 2674 NDA 435,762 x0.25= 109,000 STIS.sp.515902 PHT=>NDA (TRA: 90K)</i>									



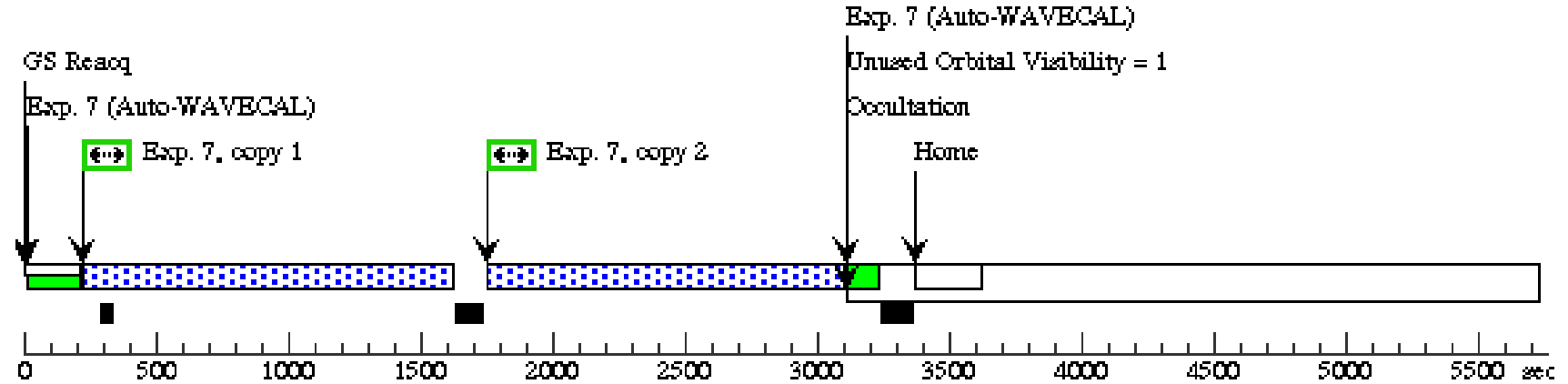
Orbit 3

Server Version: 20131031



Orbit 4

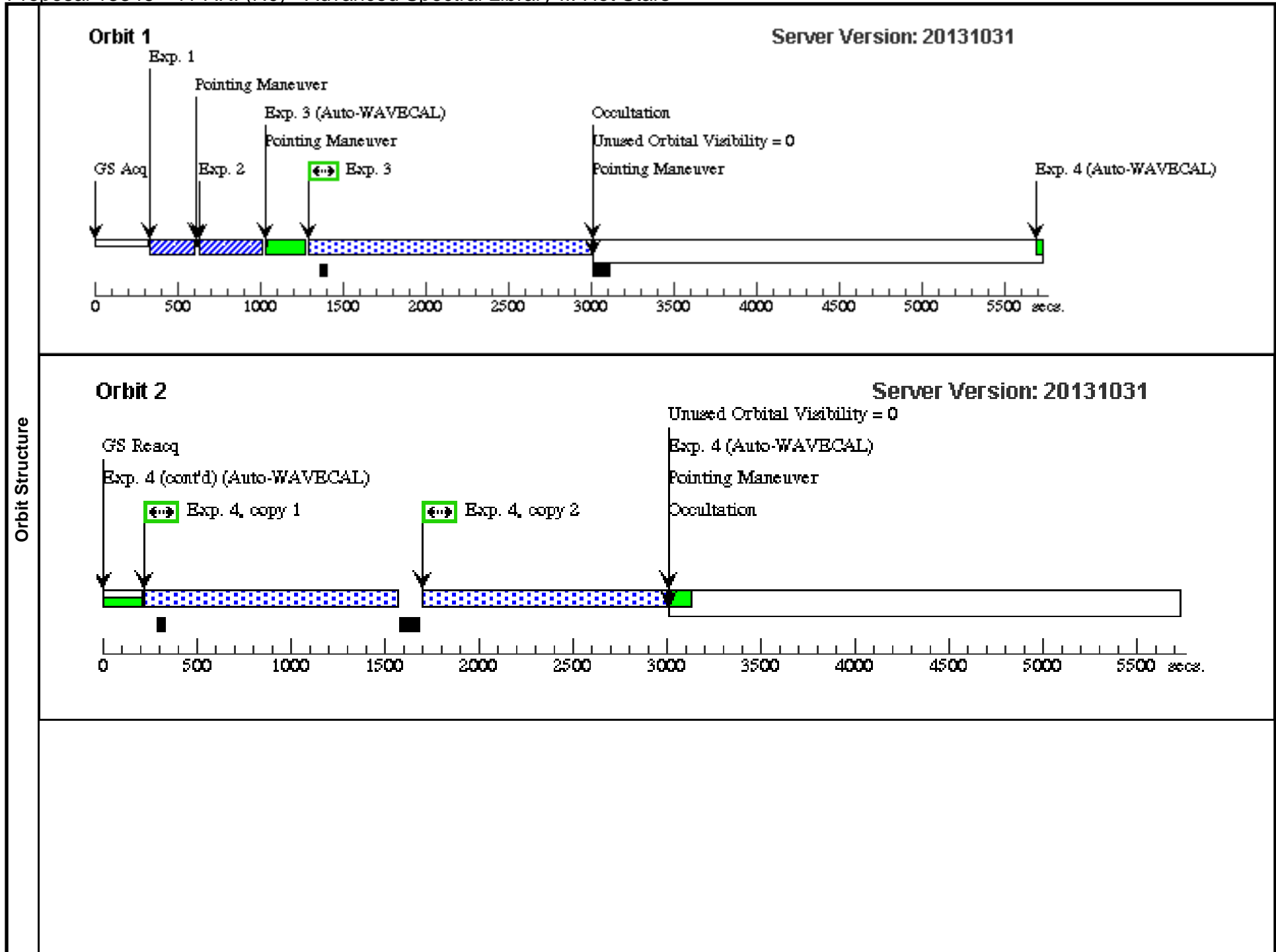
Server Version: 20131031

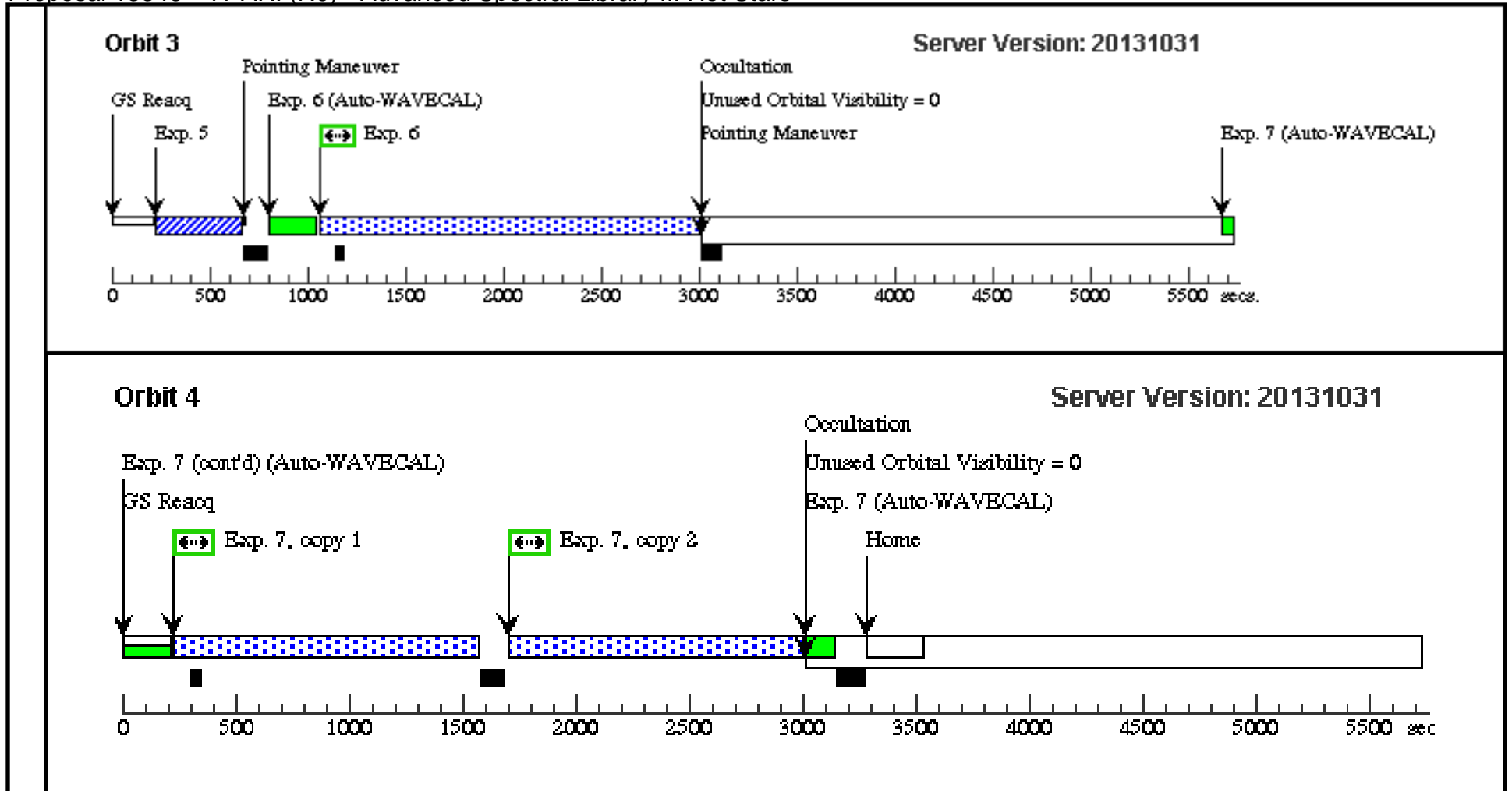


Proposal 13346 - 41-ARI (N0) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:21:08 GMT 2014

Visit	Proposal 13346, 41-ARI (N0), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(14)	41-ARI Alt Name1: HD-17573	RA: 02 49 59.0330 (42.4959708d) Dec: +27 15 37.83 (27.26051d) Equinox: J2000	Proper Motion RA: +67 mas/yr Proper Motion Dec: -117 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=3.606+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 436)	(14) 41-ARI	STIS/CCD, ACQ, F28X500III	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.61 in magnitudes relative to Vega</i> <i>69,716 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.37 seconds</i>									
	2	(STIS.sp.51 5434)	(14) 41-ARI	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.61 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,291,276 e-) x0.05= 165,000 for NDC</i>									
	3	(STIS.sp.51 5882)	(14) 41-ARI	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140M 1425 A				1641 Secs (1641 Secs) [==>]	[1]
	<i>Comments: M-1425 1641 NDC 3,397,876 x0.05= 170,000 STIS.sp.515882 PHT=>NDC (TRA:167K)</i>									
	4	(STIS.sp.51 6108)	(14) 41-ARI	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230M 1978 A				1286 Secs X 2 (2572 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: M-1978 2572 NDC 4,284,921 x0.04= 171,000 STIS.sp.516108 PHT=>NDC (TRA:163K) max abs NDC</i>										
5	(STIS.sp.51 5434)	(14) 41-ARI	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[3]	
<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.61 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,291,276 e-) x0.10= 329,000 for NDB</i>										
6	(STIS.sp.51 610)	(14) 41-ARI	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2713 A				1867 Secs (1867 Secs) [==>]	[3]	
<i>Comments: H-2713 1867 NDB 2,135,036 x0.08= 171,000 STIS.sp.516105 PHT=>NDB (TRA:139K) max abs NDB</i>										
7	(STIS.sp.51 5883)	(14) 41-ARI	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140H 1271 A				1285 Secs X 2 (2570 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
<i>Comments: H-1271 2570 NDB 1,217,623 x0.10= 122,000 STIS.sp.515883 PHT=>NDB (TRA:155K)</i>										

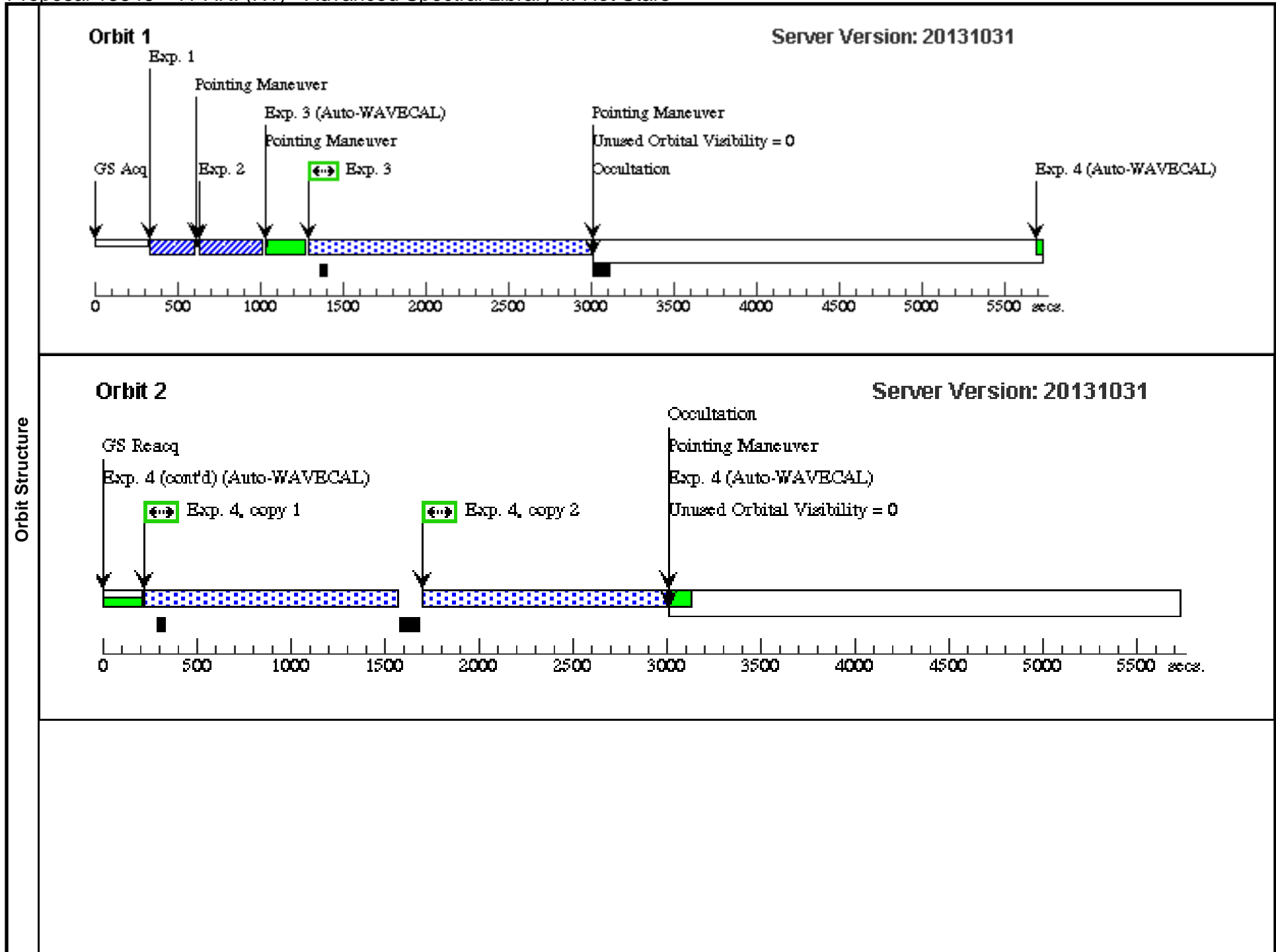


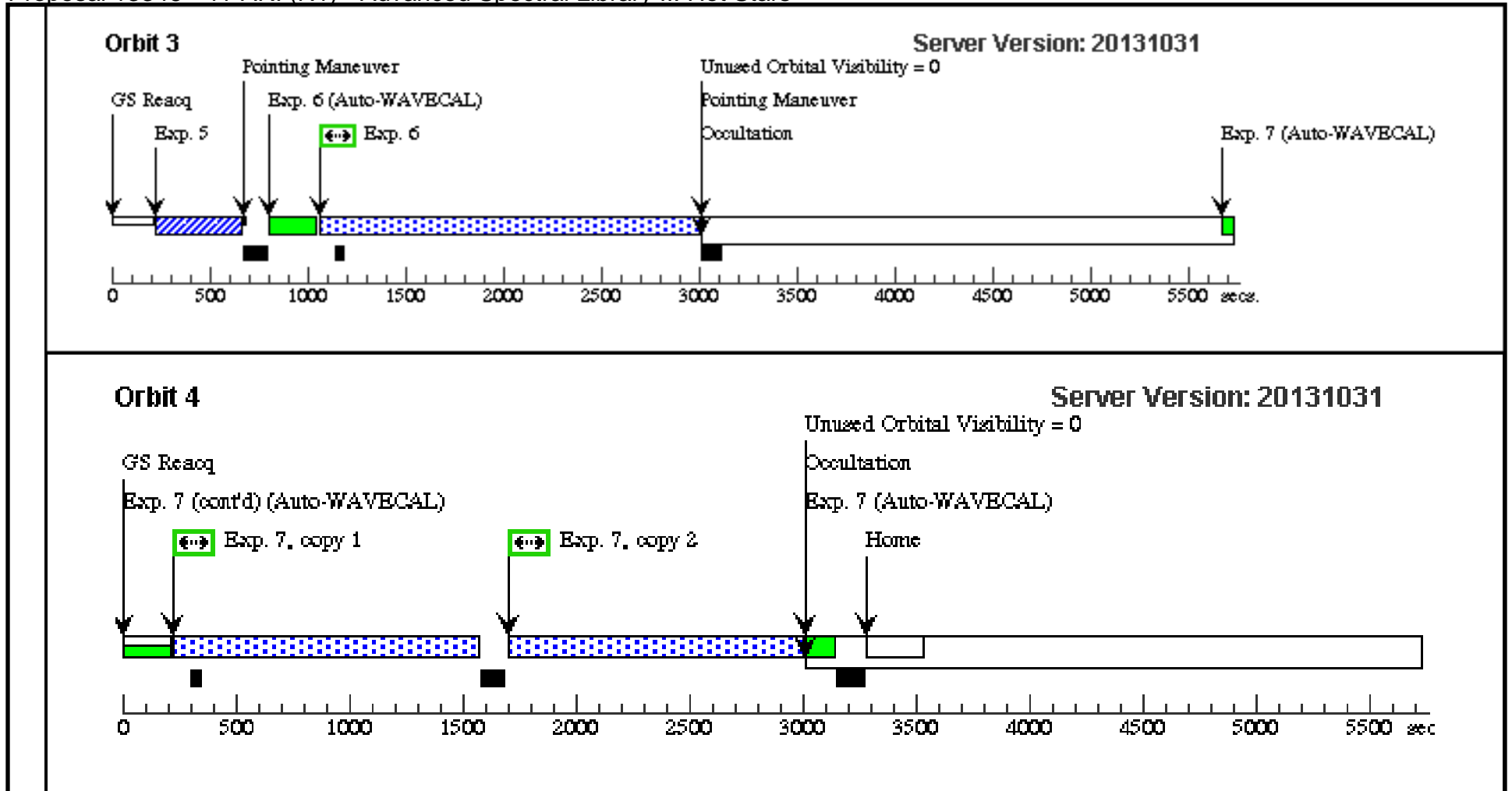


Proposal 13346 - 41-ARI (N1) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:21:09 GMT 2014

Visit	Proposal 13346, 41-ARI (N1), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(14)	41-ARI	RA: 02 49 59.0330 (42.4959708d) Alt Name1: HD-17573 Dec: +27 15 37.83 (27.26051d) Equinox: J2000	Proper Motion RA: +67 mas/yr Proper Motion Dec: -117 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=3.606+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 436)	(14) 41-ARI	STIS/CCD, ACQ, F28X500III	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.61 in magnitudes relative to Vega</i> <i>69,716 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.37 seconds</i>									
	2	(STIS.sp.51 5434)	(14) 41-ARI	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.61 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,291,276 e-) x0.05= 165,000 for NDC</i>									
	3	(STIS.sp.51 5882)	(14) 41-ARI	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140M 1425 A				1641 Secs (1641 Secs) [==>]	[1]
	<i>Comments: M-1425 1641 NDC 3,397,876 x0.05= 170,000 STIS.sp.515882 PHT=>NDC (TRA:167K)</i>									
	4	(STIS.sp.51 6108)	(14) 41-ARI	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230M 1978 A				1286 Secs X 2 (2572 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: M-1978 2572 NDC 4,284,921 x0.04= 171,000 STIS.sp.516108 PHT=>NDC (TRA:163K) max abs NDC</i>										
5	(STIS.sp.51 5434)	(14) 41-ARI	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[3]	
<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.61 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,291,276 e-) x0.10= 329,000 for NDB</i>										
6	(STIS.sp.51 610)	(14) 41-ARI	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2713 A				1867 Secs (1867 Secs) [==>]	[3]	
<i>Comments: H-2713 1867 NDB 2,135,036 x0.08= 171,000 STIS.sp.516105 PHT=>NDB (TRA:139K) max abs NDB</i>										
7	(STIS.sp.51 5883)	(14) 41-ARI	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140H 1271 A				1285 Secs X 2 (2570 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
<i>Comments: H-1271 2570 NDB 1,217,623 x0.10= 122,000 STIS.sp.515883 PHT=>NDB (TRA:155K)</i>										

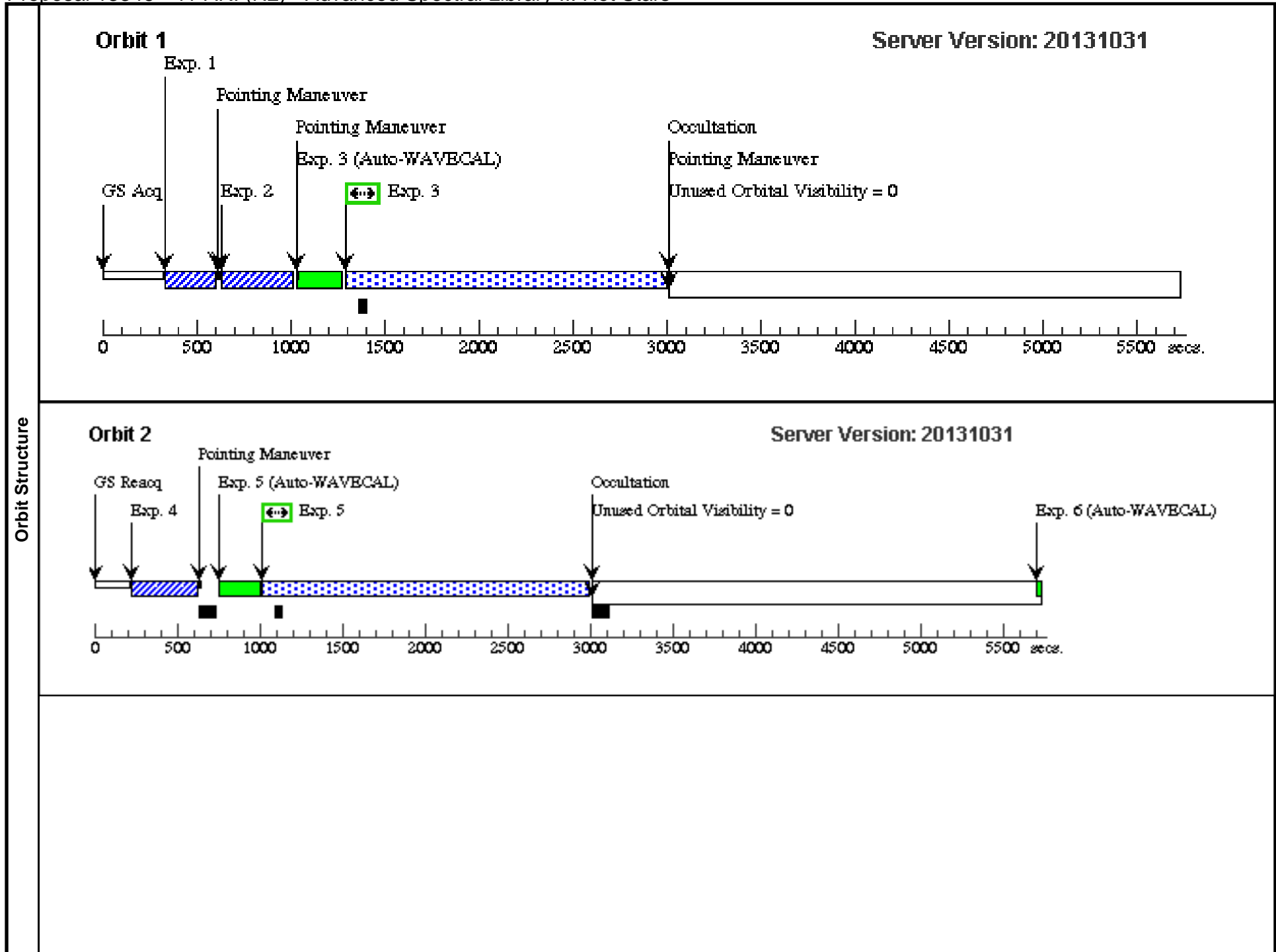




Proposal 13346 - 41-ARI (N2) - Advanced Spectral Library II: Hot Stars

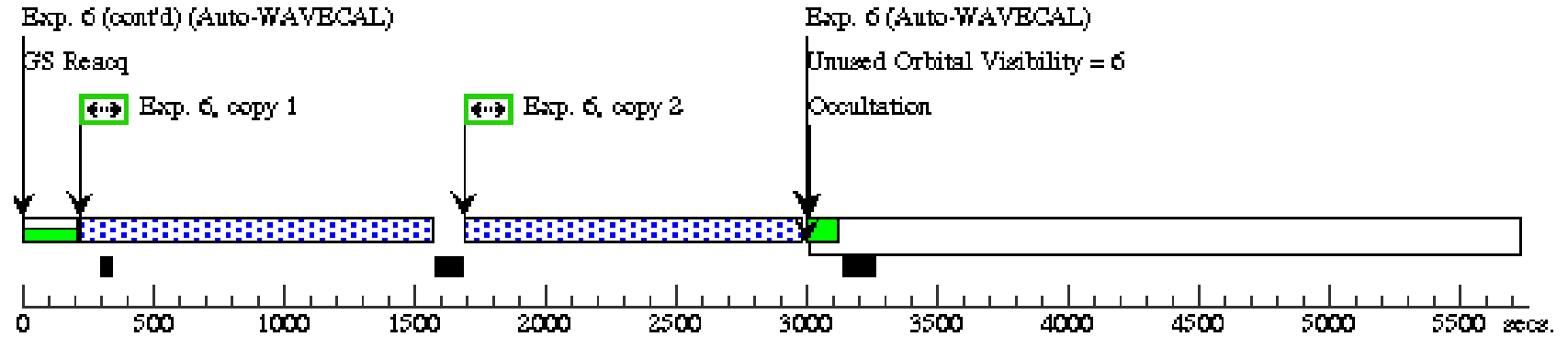
Mon Mar 17 01:21:10 GMT 2014

Visit	Proposal 13346, 41-ARI (N2), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	41-ARI Alt Name1: HD-17573	RA: 02 49 59.0330 (42.4959708d) Dec: +27 15 37.83 (27.26051d) Equinox: J2000	Proper Motion RA: +67 mas/yr Proper Motion Dec: -117 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=3.606+/-0.1	Reference Frame: ICRS					
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(STIS.ta.515 436)	(14) 41-ARI	STIS/CCD, ACQ, F28X500III	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]	
	<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.61 in magnitudes relative to Vega</i> <i>69,716 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.37 seconds</i>										
	2	(STIS.sp.51 5434)	(14) 41-ARI	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]	
	<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.61 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,291,276 e-) x0.05= 165,000 for NDC</i>										
	3	(STIS.sp.51 5882)	(14) 41-ARI	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140M 1425 A				1641 Secs (1641 Secs) [==>]	[1]	
	<i>Comments: M-1425 1641 NDC 3,397,876 x0.05= 170,000 STIS.sp.515882 PHT=>NDC (TRA:167K)</i>										
	4	(STIS.sp.51 5434)	(14) 41-ARI	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[2]	
<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.61 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(3,291,276 e-) x0.10= 329,000 for NDB</i>											
5	(STIS.sp.51 6112)	(14) 41-ARI	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2463 A				1913 Secs (1913 Secs) [==>]	[2]		
<i>Comments: H-2463 1913 NDB 2,097,452 x0.09= 189,000 STIS.sp.516112 PHT=>NDC (TRA:157K)</i>											
6	(STIS.sp.51 6113)	(14) 41-ARI	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2513 A				1282 Secs X 2 (2564 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]		
<i>Comments: H-2513 2564 NDB 2,112,955 x0.08= 169,000 STIS.sp.516113 PHT=>NDC (TRA:159K) max abs NDB</i>											
7	(STIS.sp.51 6114)	(14) 41-ARI	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2912 A				1285 Secs X 2 (2570 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]		
<i>Comments: H-2912 2570 NDB 1,487,147 x0.08= 119,000 STIS.sp.516114 PHT=>NDB (TRA: 97K) max abs NDB</i>											



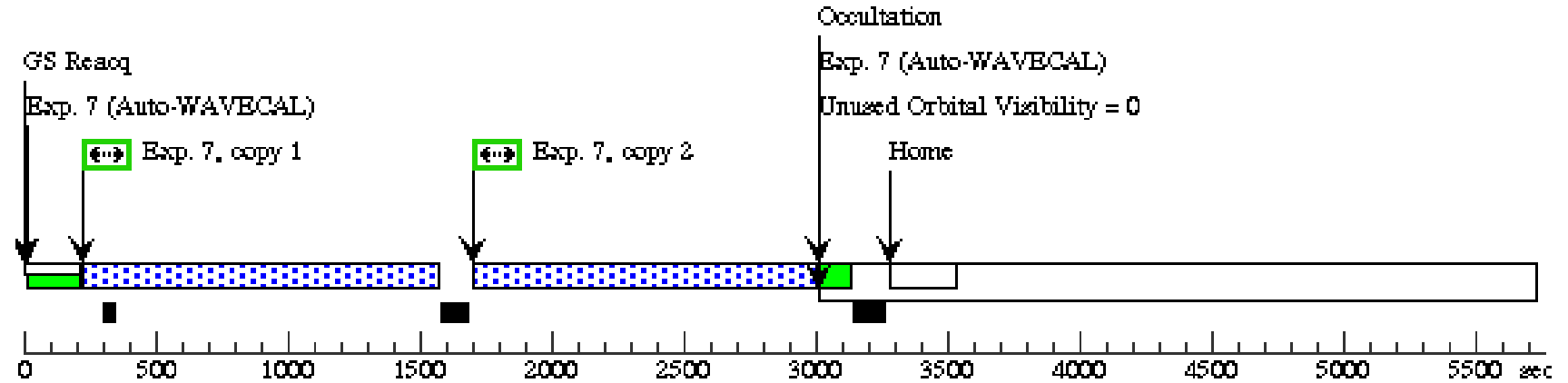
Orbit 3

Server Version: 20131031



Orbit 4

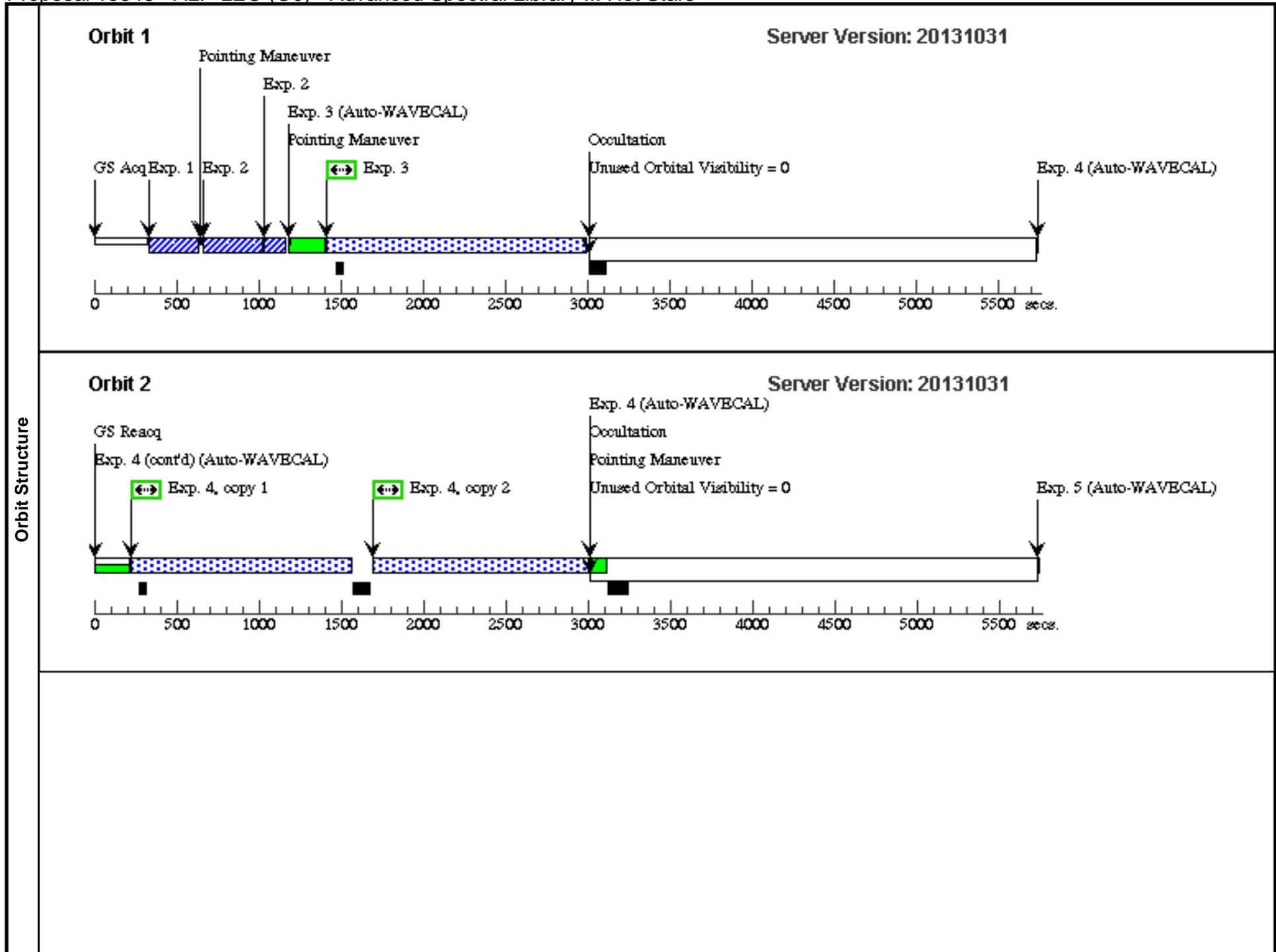
Server Version: 20131031



Proposal 13346 - ALP-LEO (O0) - Advanced Spectral Library II: Hot Stars

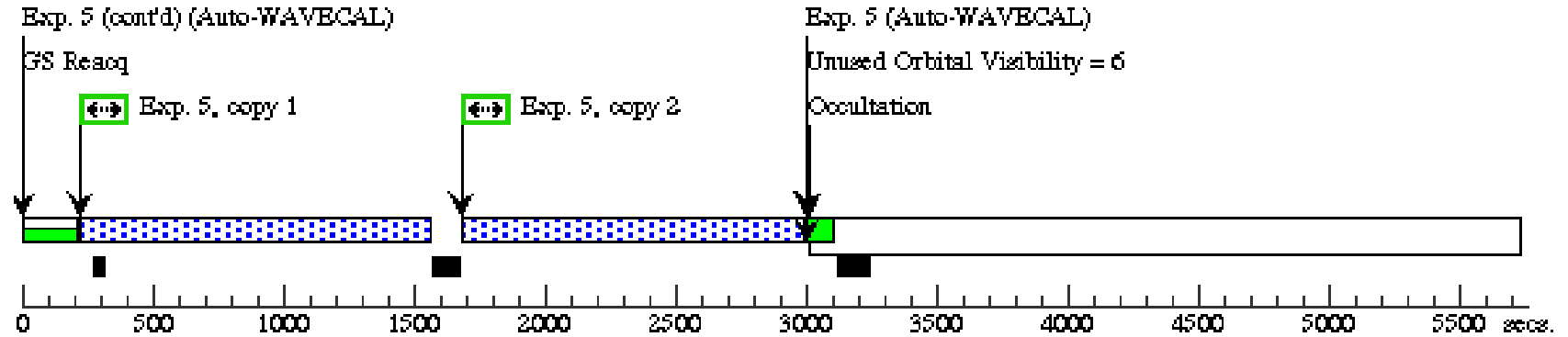
Mon Mar 17 01:21:11 GMT 2014

Visit	Proposal 13346, ALP-LEO (O0), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(15)	ALP-LEO	RA: 10 08 22.3110 (152.0929625d)	Proper Motion RA: -249 mas/yr	V=1.40+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-87901	Dec: +11 58 1.95 (11.96721d)	Proper Motion Dec: +6 mas/yr						
		Alt Name2: REGULUS	Equinox: J2000	Parallax: 0.0"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 444)	(15) ALP-LEO	STIS/CCD, ACQ, F25ND5	MIRROR				1.0 Secs (1 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 1.4 in magnitudes relative to Vega</i> <i>31,221 e- (box of 3 x 3 pixels)</i>								
	2	(STIS.sp.51 5440)	(15) ALP-LEO	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				0.4 Secs (0.4 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 1.4 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(25,197,904 e-) x0.01 = 252,000 for ND2</i> <i>tepx 0.1s increased to 0.4s to improve CR</i>								
	3	(STIS.sp.51 5868)	(15) ALP-LEO	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1271 A				1536 Secs (1536 Secs)	
								[==>]	[1]	
		<i>Comments: H-1271 1543 ND2 49,197 STIS.sp.515868 (TRA: 74K)</i>								
	4	(STIS.sp.51 5870)	(15) ALP-LEO	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1598 A				1298 Secs X 2 (2596 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[2]	
		<i>Comments: H-1598 2596 ND2 32,435 STIS.sp.515870 (TRA: 42K)</i>								
	5	(STIS.sp.51 5872)	(15) ALP-LEO	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 1763 A				1295 Secs X 2 (2590 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[3]	
		<i>Comments: H-1763 2590 ND2 42,037 STIS.sp.515872 (TRA: 47K)</i>								
	6	(STIS.sp.51 5874)	(15) ALP-LEO	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2013 A				1298 Secs X 2 (2596 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[4]	
		<i>Comments: H-2013 2596 ND2 69,335 STIS.sp.515874 (TRA: 78K)</i>								



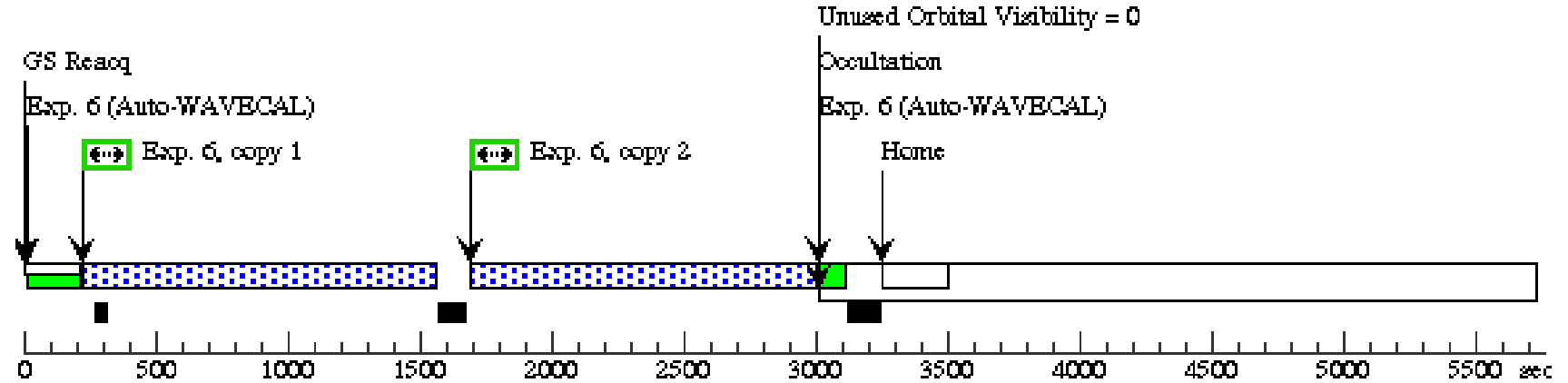
Orbit 3

Server Version: 20131031



Orbit 4

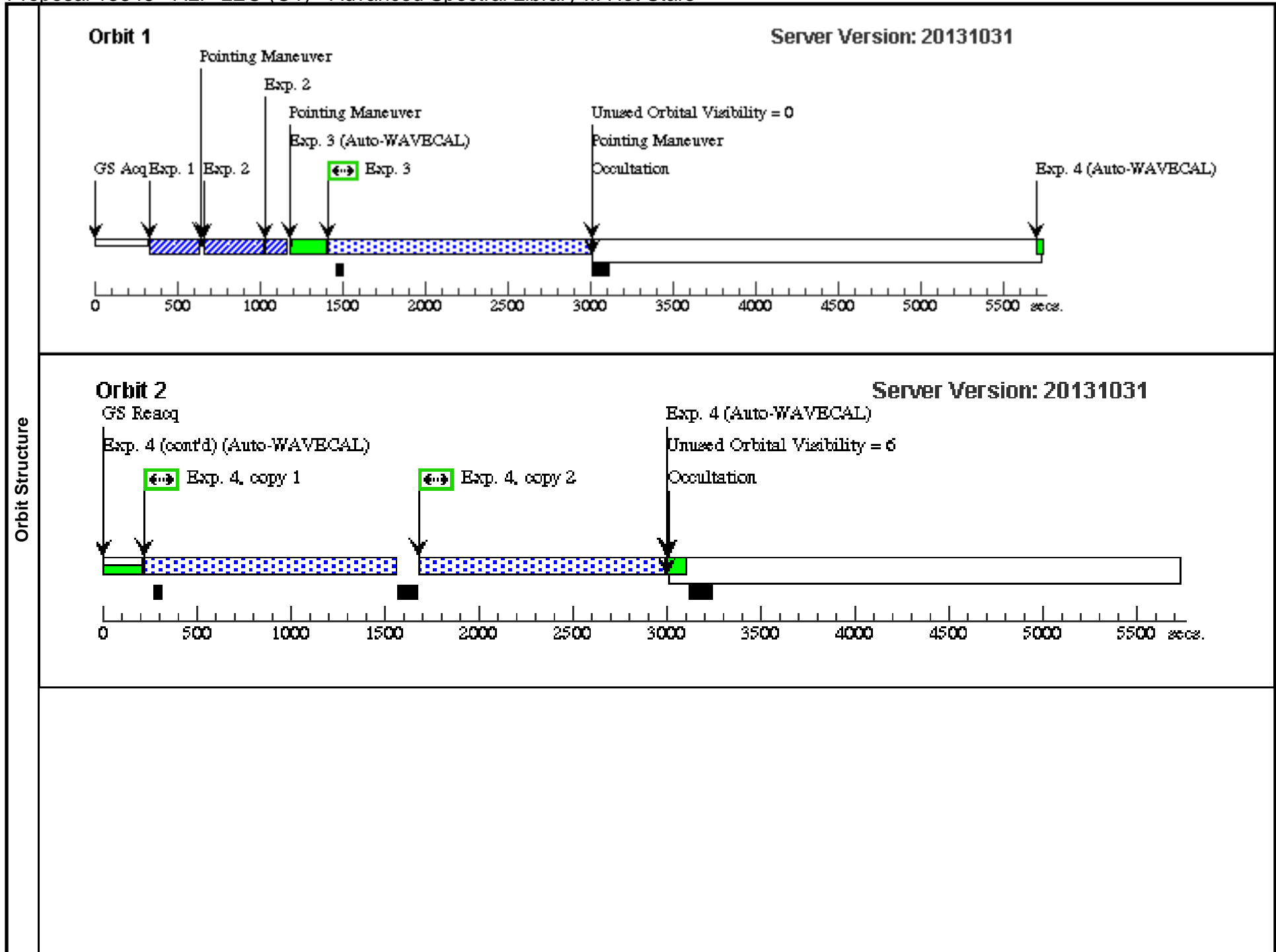
Server Version: 20131031



Proposal 13346 - ALP-LEO (O1) - Advanced Spectral Library II: Hot Stars

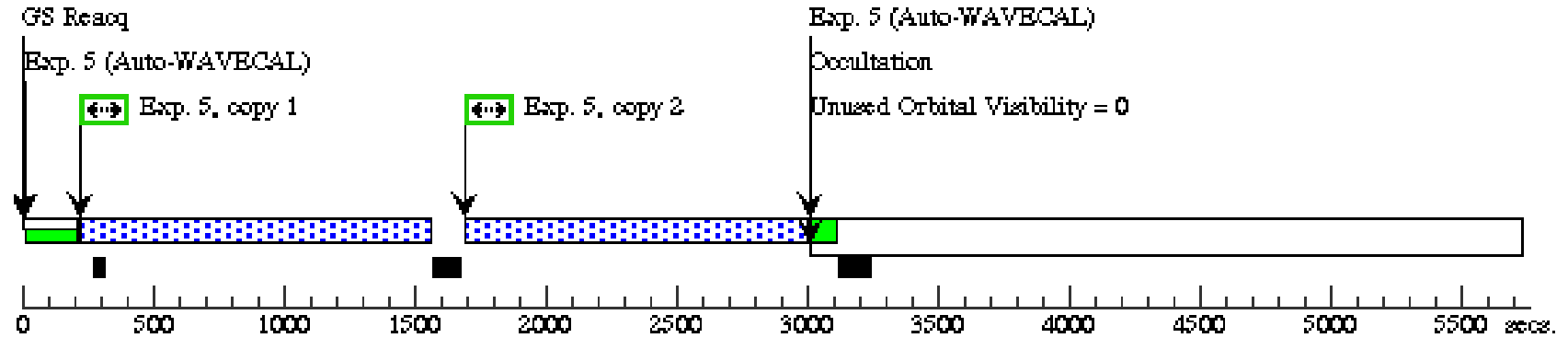
Mon Mar 17 01:21:12 GMT 2014

Visit	Proposal 13346, ALP-LEO (O1), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(15)	ALP-LEO	RA: 10 08 22.3110 (152.0929625d)	Proper Motion RA: -249 mas/yr	V=1.40+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-87901	Dec: +11 58 1.95 (11.96721d)	Proper Motion Dec: +6 mas/yr						
		Alt Name2: REGULUS	Equinox: J2000	Parallax: 0.0"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 444)	(15) ALP-LEO	STIS/CCD, ACQ, F25ND5	MIRROR				1.0 Secs (1 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 1.4 in magnitudes relative to Vega</i> <i>31,221 e- (box of 3 x 3 pixels)</i>								
	2	(STIS.sp.51 5440)	(15) ALP-LEO	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				0.4 Secs (0.4 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 1.4 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(25,197,904 e-) x0.01= 252,000 for ND2</i> <i>tepx 0.1s increased to 0.4s to improve CR</i>								
	3	(STIS.sp.51 5869)	(15) ALP-LEO	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1416 A				1541 Secs (1541 Secs)	
								[==>]	[1]	
		<i>Comments: H-1416 1548 ND2 83,049 STIS.sp.515869 (TRA:111K)</i>								
	4	(STIS.sp.51 5878)	(15) ALP-LEO	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2513 A				1295 Secs X 2 (2590 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[2]	
		<i>Comments: H-2513 2590 ND2 117,543 STIS.sp.515878 (TRA:114K)</i>								
	5	(STIS.sp.51 5879)	(15) ALP-LEO	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2713 A				1298 Secs X 2 (2596 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[3]	
		<i>Comments: H-2713 2596 ND2 127,563 STIS.sp.515879 (TRA:110K)</i>								
	6	(STIS.sp.51 5881)	(15) ALP-LEO	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2912 A				1298 Secs X 2 (2596 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[4]	
		<i>Comments: H-2912 2596 ND2 93,195 STIS.sp.515881 (TRA: 81K)</i>								



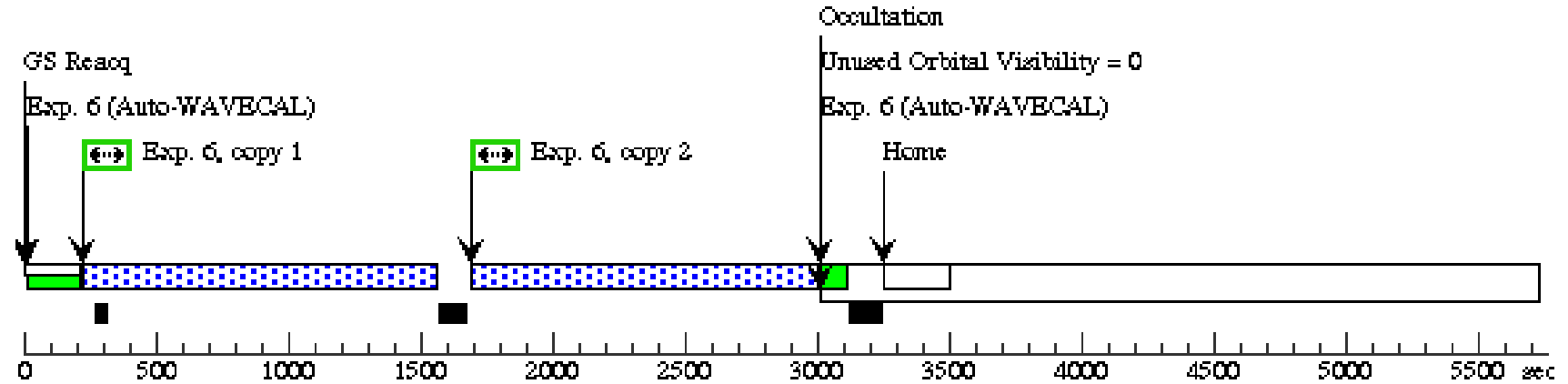
Orbit 3

Server Version: 20131031



Orbit 4

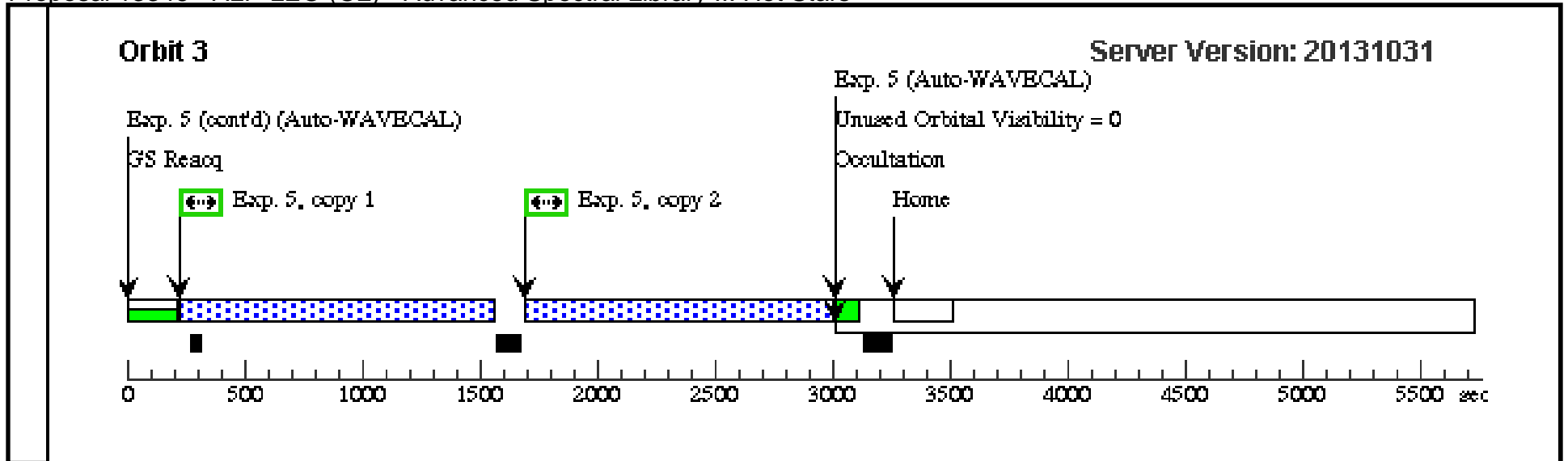
Server Version: 20131031



Proposal 13346 - ALP-LEO (O2) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:21:13 GMT 2014

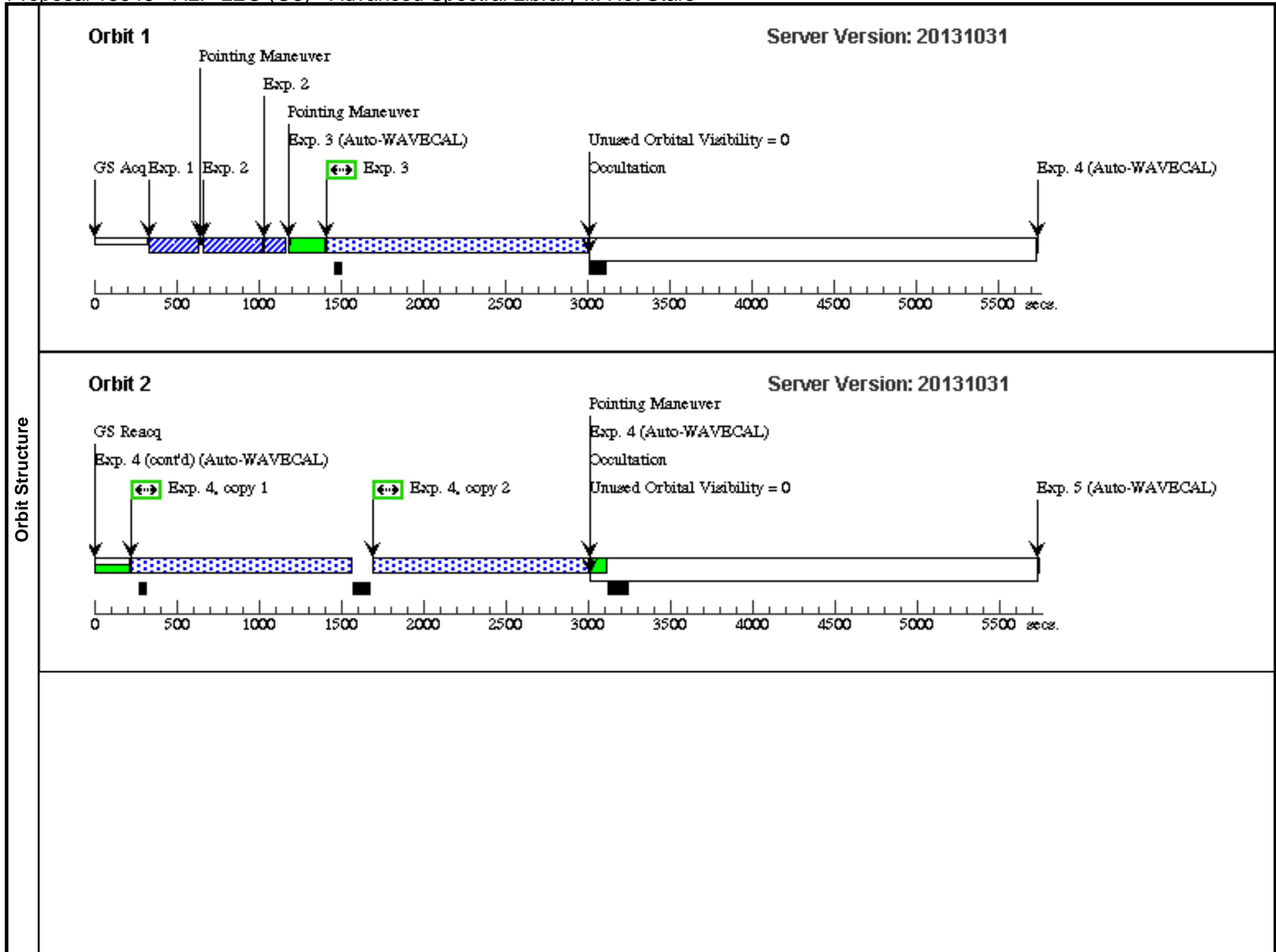
Visit	Proposal 13346, ALP-LEO (O2), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(15)	ALP-LEO	RA: 10 08 22.3110 (152.0929625d)	Proper Motion RA: -249 mas/yr	V=1.40+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-87901	Dec: +11 58 1.95 (11.96721d)	Proper Motion Dec: +6 mas/yr						
		Alt Name2: REGULUS	Equinox: J2000	Parallax: 0.0"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 444)	(15) ALP-LEO	STIS/CCD, ACQ, F25ND5	MIRROR				1.0 Secs (1 Secs)	
								[==>]	[1]	
		Comments: Pickles Models B8V 11749.0K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 1.4 in magnitudes relative to Vega 31,221 e- (box of 3 x 3 pixels)								
	2	(STIS.sp.51 5440)	(15) ALP-LEO	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				0.4 Secs (0.4 Secs)	
								[==>]	[1]	
		Comments: Pickles Models B8V 11749.0K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 1.4 in magnitudes relative to Vega Aperture: 52X0.05 (25,197,904 e-) x0.01= 252,000 for ND2 texp 0.1s increased to 0.4s to improve CR								
	3	(STIS.sp.51 5876)	(15) ALP-LEO	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2463 A				1531 Secs (1531 Secs)	
								[==>]	[1]	
		Comments: H-2463 1538 ND2 114,091 STIS.sp.515876 (TRA:108K)								
	4	(STIS.sp.51 5875)	(15) ALP-LEO	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2263 A				1298 Secs X 2 (2596 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[2]	
		Comments: H-2263 2596 ND2 95,035 STIS.sp.515875 (TRA: 97K)								
	5	(STIS.sp.51 5868)	(15) ALP-LEO	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1271 A				1298 Secs X 2 (2596 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[3]	
		Comments: H-1271 2596 ND2 49,197 STIS.sp.515868 (TRA: 74K)								

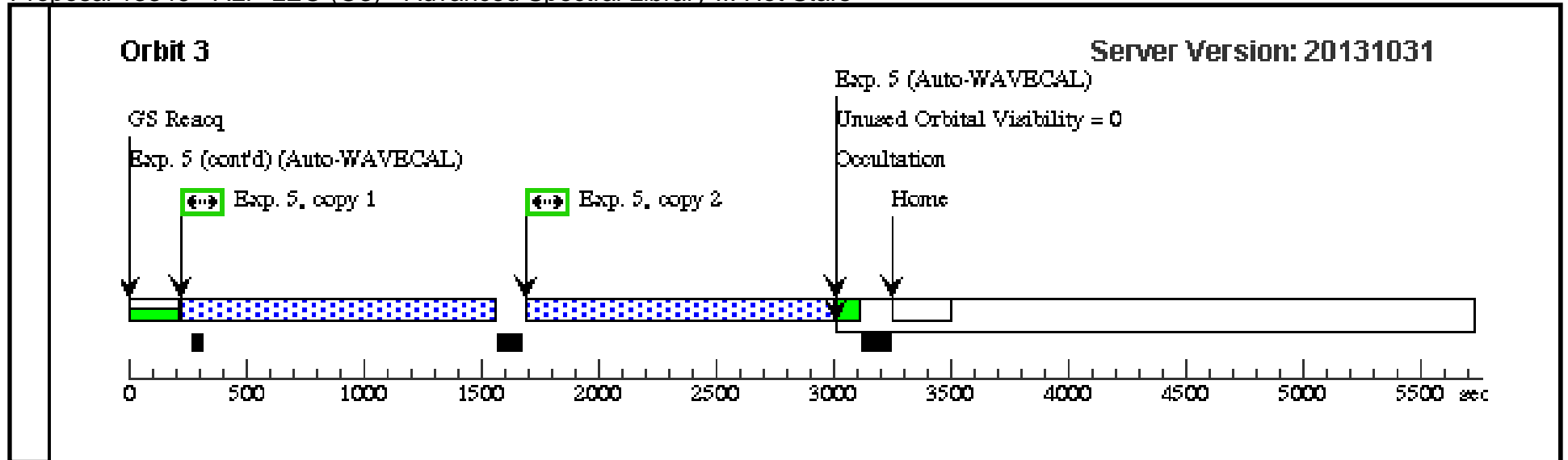


Proposal 13346 - ALP-LEO (O3) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:21:14 GMT 2014

Visit	Proposal 13346, ALP-LEO (O3), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(15)	ALP-LEO	RA: 10 08 22.3110 (152.0929625d) Dec: +11 58 1.95 (11.96721d) Equinox: J2000	Proper Motion RA: -249 mas/yr Proper Motion Dec: +6 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=1.40+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 444)	(15) ALP-LEO	STIS/CCD, ACQ, F25ND5	MIRROR				1.0 Secs (1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 1.4 in magnitudes relative to Vega</i> <i>31,221 e- (box of 3 x 3 pixels)</i>									
2	(STIS.sp.51 5440)	(15) ALP-LEO	STIS/CCD, ACQ/PEAK,	G430L 0.2X0.05ND 4300 A				0.4 Secs (0.4 Secs) [==>]	[1]	
	<i>Comments: Pickles Models B8V 11749.0K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 1.4 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(25,197,904 e-) x0.01= 252,000 for ND2</i> <i>tepx 0.1s increased to 0.4s to improve CR</i>									
3	(STIS.sp.51 5869)	(15) ALP-LEO	STIS/FUV-MAMA, ACCUM,	E140H 0.2X0.05ND 1416 A				1541 Secs (1541 Secs) [==>]	[1]	
	<i>Comments: H-1416 1548 ND2 83,049 STIS.sp.515869 (TRA:111K)</i>									
4	(STIS.sp.51 5870)	(15) ALP-LEO	STIS/FUV-MAMA, ACCUM,	E140H 0.2X0.05ND 1598 A				1298 Secs X 2 (2596 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
	<i>Comments: H-1598 2596 ND2 32,435 STIS.sp.515870 (TRA: 42K)</i>									
5	(STIS.sp.51 5872)	(15) ALP-LEO	STIS/NUV-MAMA, ACCUM,	E230H 0.2X0.05ND 1763 A				1298 Secs X 2 (2596 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
	<i>Comments: H-1763 2596 ND2 42,037 STIS.sp.515872 (TRA: 47K)</i>									

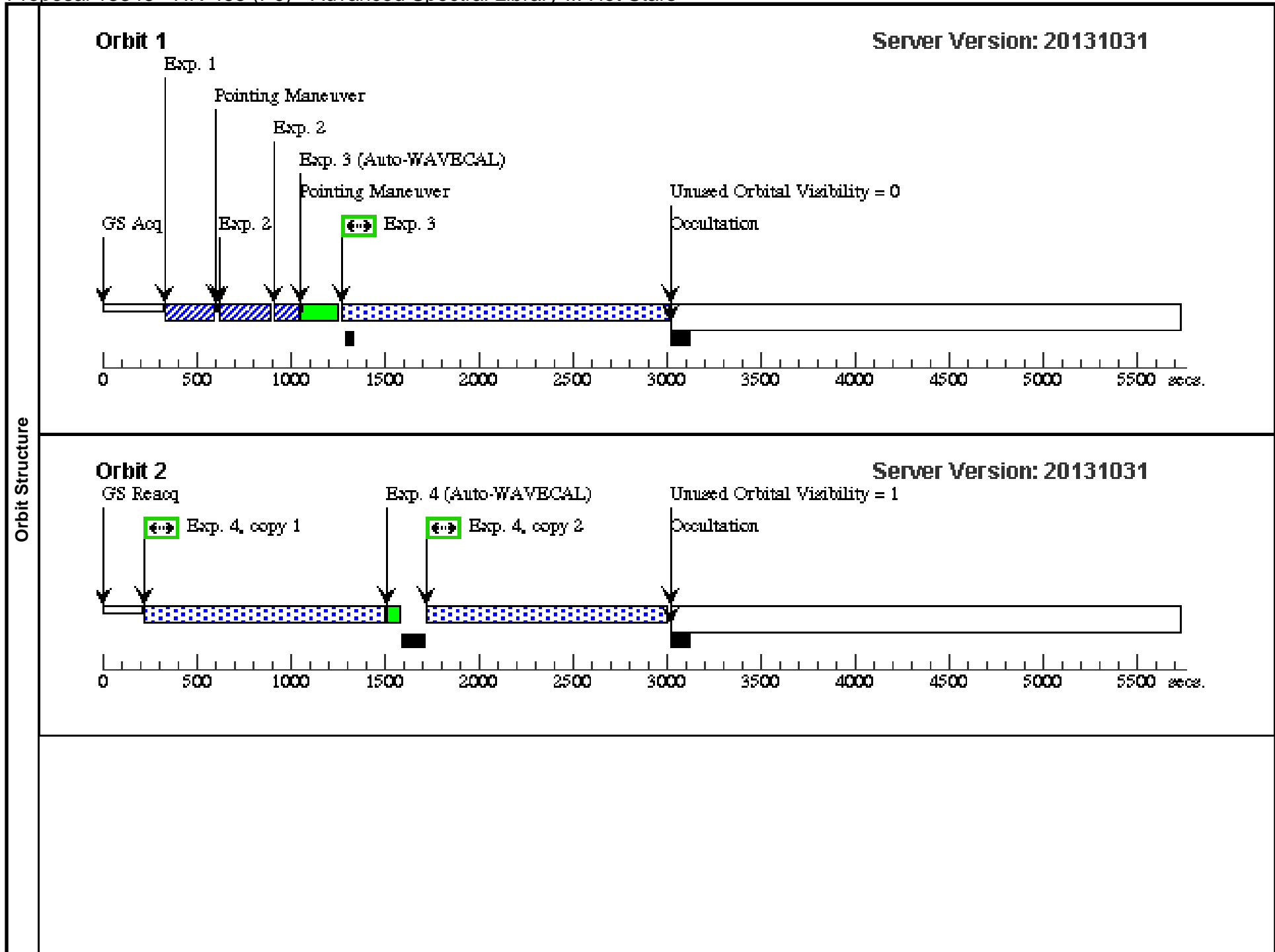


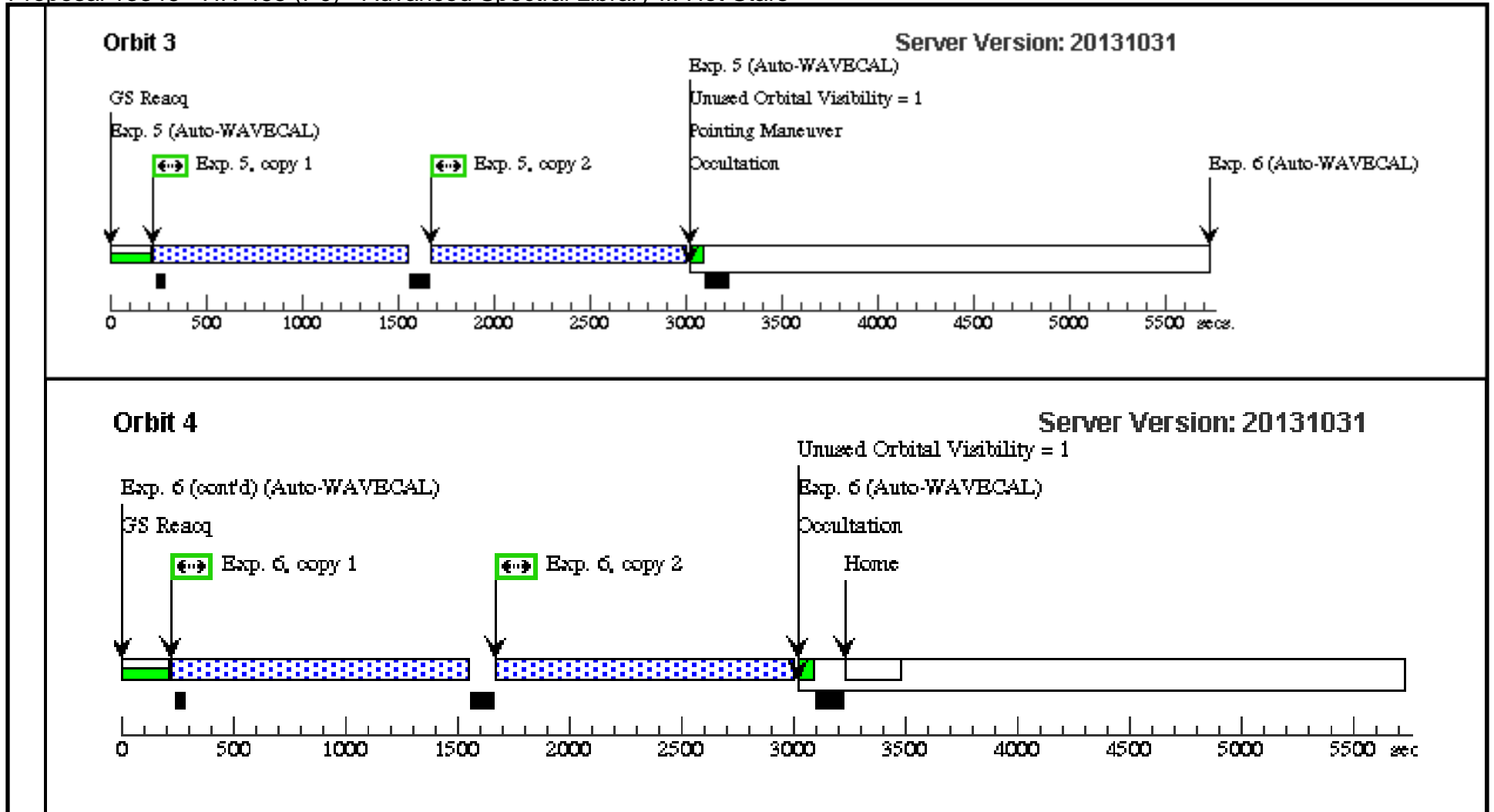


Proposal 13346 - HR-465 (P0) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:21:14 GMT 2014

Visit	Proposal 13346, HR-465 (P0), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(16)	HR-465 Alt Name1: HD-9996	RA: 01 38 31.8250 (24.6326042d) Dec: +45 23 58.93 (45.39970d) Equinox: J2000	Proper Motion RA: -16 mas/yr Proper Motion Dec: -1 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.388+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 456)	(16) HR-465	STIS/CCD, ACQ, F28X500II	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
	<i>Comments: Pickles Models A0V 9549.93K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.39 in magnitudes relative to Vega</i> <i>32,394 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 1.96 seconds</i>									
2	(STIS.sp.51 5451)	(16) HR-465	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]	
	<i>Comments: Pickles Models A0V 9549.93K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.39 in magnitudes relative to Vega</i> <i>Aperture: 52X0.1</i> <i>(2,100,588 e-) x1.00= 2,101,000 for 0.2x0.09</i> <i>Time to Saturation (for a single exposure) = 2.42 seconds</i>									
3	(STIS.sp.51 5861)	(16) HR-465	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				1724 Secs (1724 Secs) [==>]	[1]	
	<i>Comments: M-1425 1724 PHT 36,535 STIS.sp.515861 (TRA: 42K)</i>									
4	(STIS.sp.51 5861)	(16) HR-465	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				1264 Secs X 2 (2528 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
	<i>Comments: M-1425 2528 PHT 36,535 STIS.sp.515861 (TRA: 42K)</i>									
5	(STIS.sp.51 5863)	(16) HR-465	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A				1317 Secs X 2 (2634 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
	<i>Comments: M-1978 2634 PHT 138,828 STIS.sp.515863 (TRA: 143K)</i>									
6	(STIS.sp.51 5864)	(16) HR-465	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2713 A				1317 Secs X 2 (2634 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
	<i>Comments: H-2713 2634 SPCH 71,083 STIS.sp.515864 (TRA: 62K)</i>									

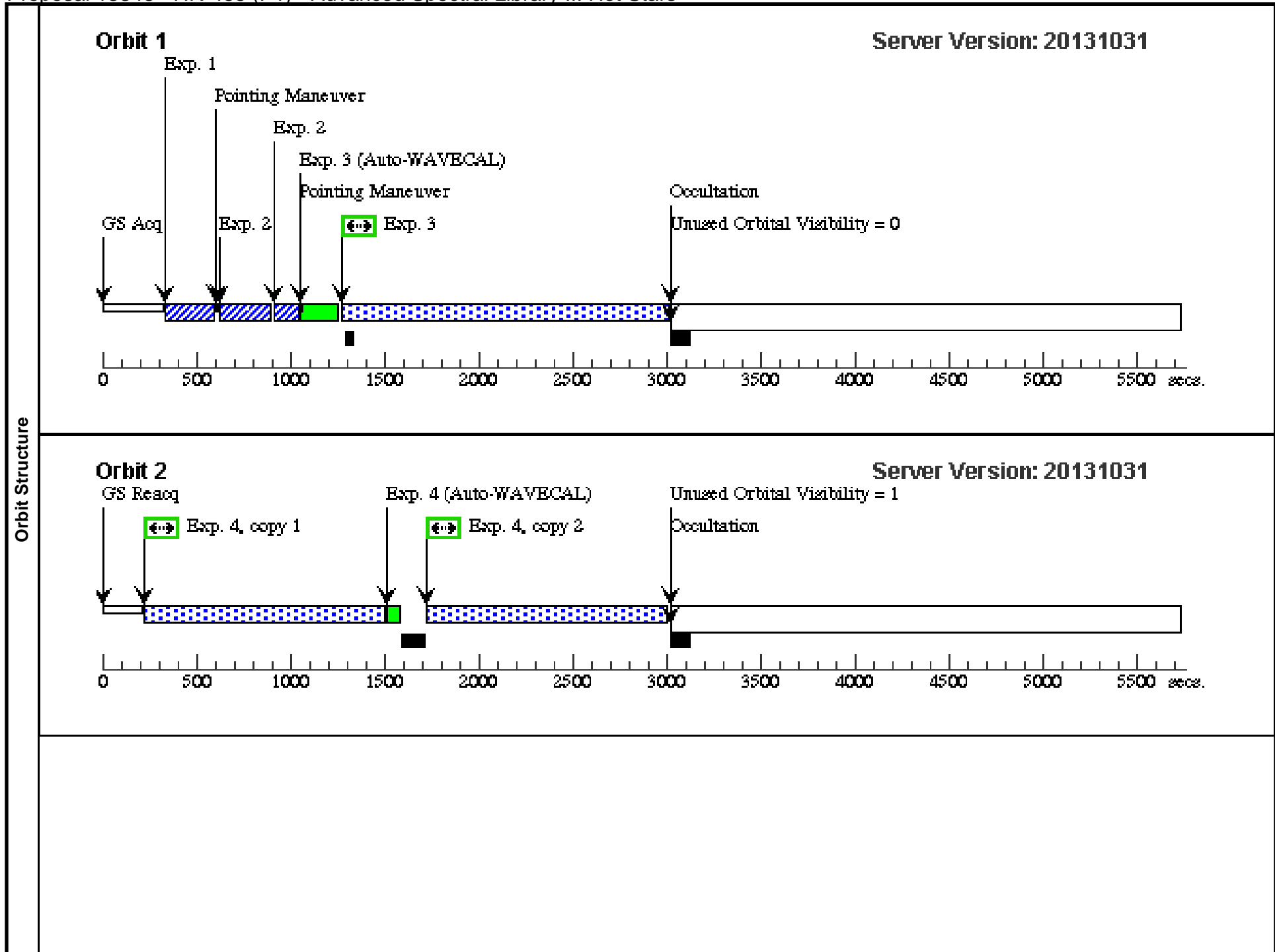


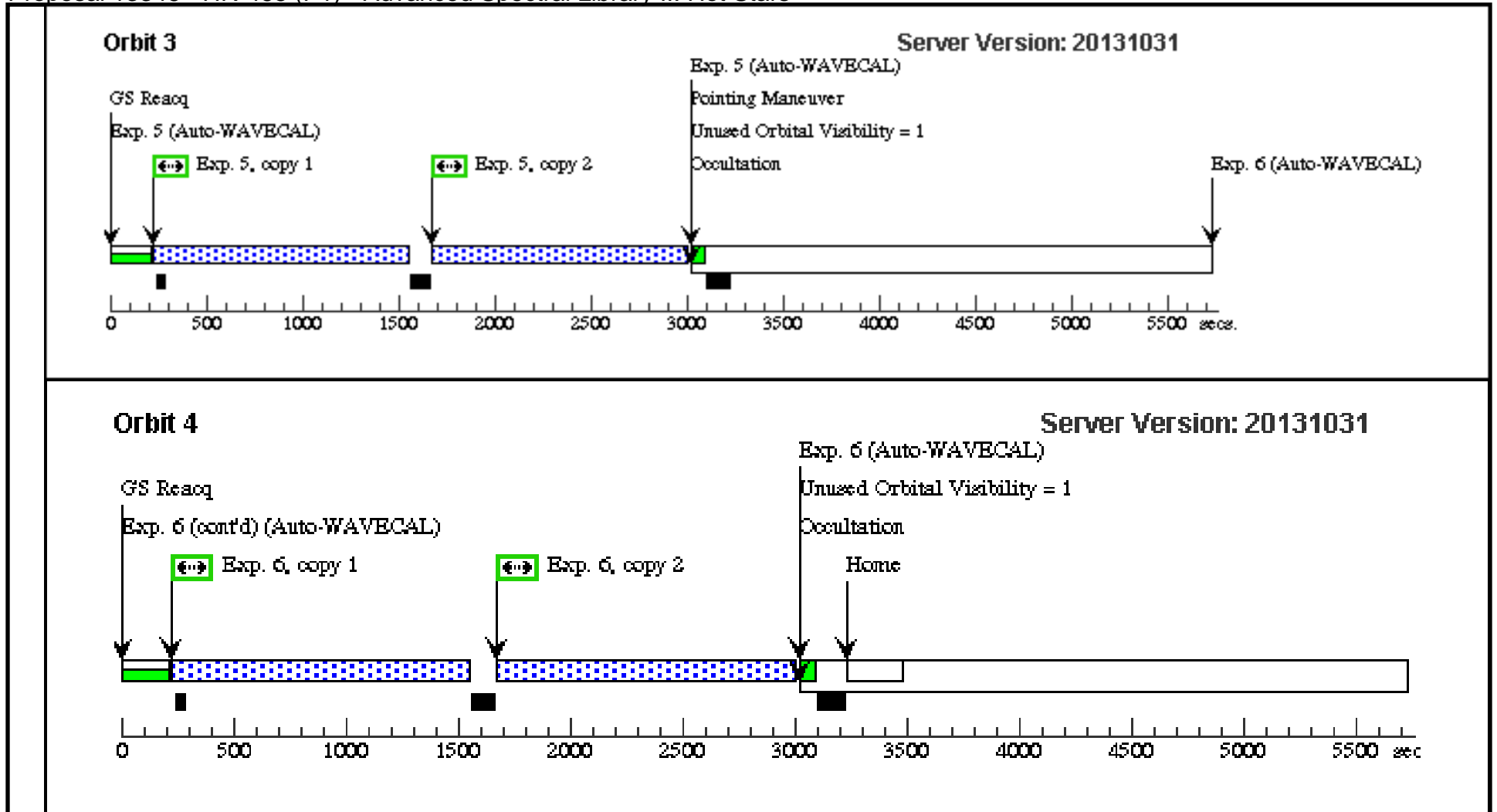


Proposal 13346 - HR-465 (P1) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:21:15 GMT 2014

Visit	Proposal 13346, HR-465 (P1), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(16)	HR-465 Alt Name1: HD-9996	RA: 01 38 31.8250 (24.6326042d) Dec: +45 23 58.93 (45.39970d) Equinox: J2000	Proper Motion RA: -16 mas/yr Proper Motion Dec: -1 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.388+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 456)	(16) HR-465	STIS/CCD, ACQ, F28X500II	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
<i>Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.39 in magnitudes relative to Vega 32,394 e- (box of 3 x 3 pixels) Time to Saturation (for a single exposure) = 1.96 seconds</i>										
2	(STIS.sp.51 5451)	(16) HR-465	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A					0.1 Secs (0.1 Secs) [==>]	[1]
<i>Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.39 in magnitudes relative to Vega Aperture: 52X0.1 (2,100,588 e-) x1.00= 2,101,000 for 0.2x0.09 Time to Saturation (for a single exposure) = 2.42 seconds</i>										
3	(STIS.sp.51 5861)	(16) HR-465	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					1724 Secs (1724 Secs) [==>]	[1]
<i>Comments: M-1425 1724 PHT 36,535 STIS.sp.515861 (TRA: 42K)</i>										
4	(STIS.sp.51 5861)	(16) HR-465	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A					1264 Secs X 2 (2528 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: M-1425 2528 PHT 36,535 STIS.sp.515861 (TRA: 42K)</i>										
5	(STIS.sp.51 5863)	(16) HR-465	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230M 1978 A					1317 Secs X 2 (2634 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]
<i>Comments: M-1978 2634 PHT 138,828 STIS.sp.515863 (TRA: 143K)</i>										
6	(STIS.sp.51 5864)	(16) HR-465	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2713 A					1317 Secs X 2 (2634 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]
<i>Comments: H-2713 2634 SPCH 71,083 STIS.sp.515864 (TRA: 62K)</i>										

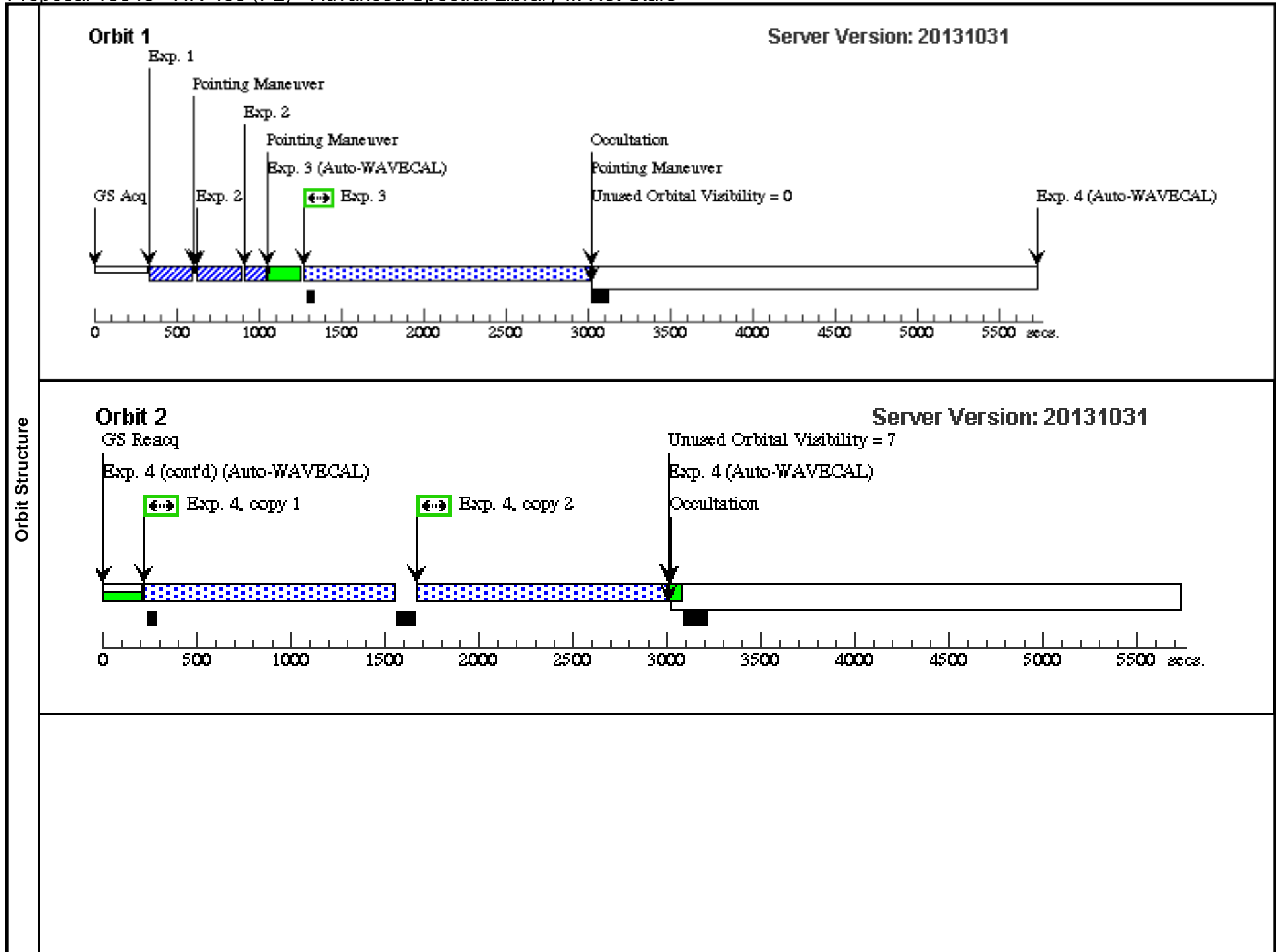




Proposal 13346 - HR-465 (P2) - Advanced Spectral Library II: Hot Stars

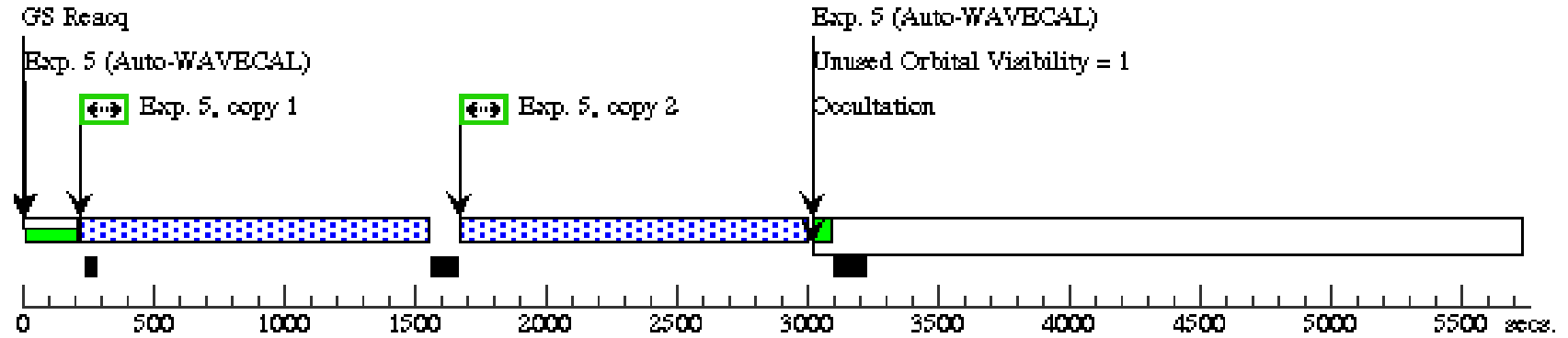
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Visit	Proposal 13346, HR-465 (P2), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(16)	HR-465 Alt Name1: HD-9996	RA: 01 38 31.8250 (24.6326042d) Dec: +45 23 58.93 (45.39970d) Equinox: J2000	Proper Motion RA: -16 mas/yr Proper Motion Dec: -1 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.388+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 456)	(16) HR-465	STIS/CCD, ACQ, F28X500II	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
	<i>Comments: Pickles Models A0V 9549.93K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.39 in magnitudes relative to Vega</i> <i>32,394 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 1.96 seconds</i>									
2	(STIS.sp.51 5451)	(16) HR-465	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]	
	<i>Comments: Pickles Models A0V 9549.93K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.39 in magnitudes relative to Vega</i> <i>Aperture: 52X0.1</i> <i>(2,100,588 e-) x1.00= 2,101,000 for 0.2x0.09</i> <i>Time to Saturation (for a single exposure) = 2.42 seconds</i>									
3	(STIS.sp.51 5861)	(16) HR-465	STIS/FUV-MAMA, ACCUM, 0.2X0.2	E140M 1425 A				1724 Secs (1724 Secs) [==>]	[1]	
	<i>Comments: M-1425 1724 PHT 36,535 STIS.sp.515861 (TRA: 42K)</i>									
4	(STIS.sp.51 5865)	(16) HR-465	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2463 A				1314 Secs X 2 (2628 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
	<i>Comments: H-2463 2628 SPCH 59,162 STIS.sp.515865 (TRA: 56K)</i>									
5	(STIS.sp.51 5866)	(16) HR-465	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2513 A				1317 Secs X 2 (2634 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
	<i>Comments: H-2513 2634 SPCH 61,587 STIS.sp.515866 (TRA: 60K)</i>									
6	(STIS.sp.51 5867)	(16) HR-465	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2912 A				1317 Secs X 2 (2634 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
	<i>Comments: H-2912 2634 SPCH 57,556 STIS.sp.515867 (TRA: 50K)</i>									



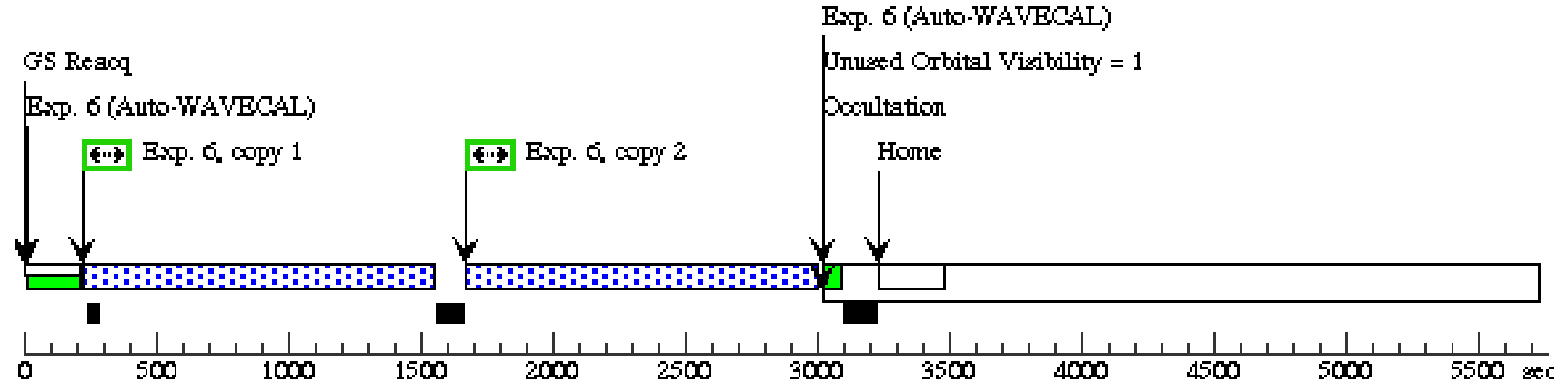
Orbit 3

Server Version: 20131031



Orbit 4

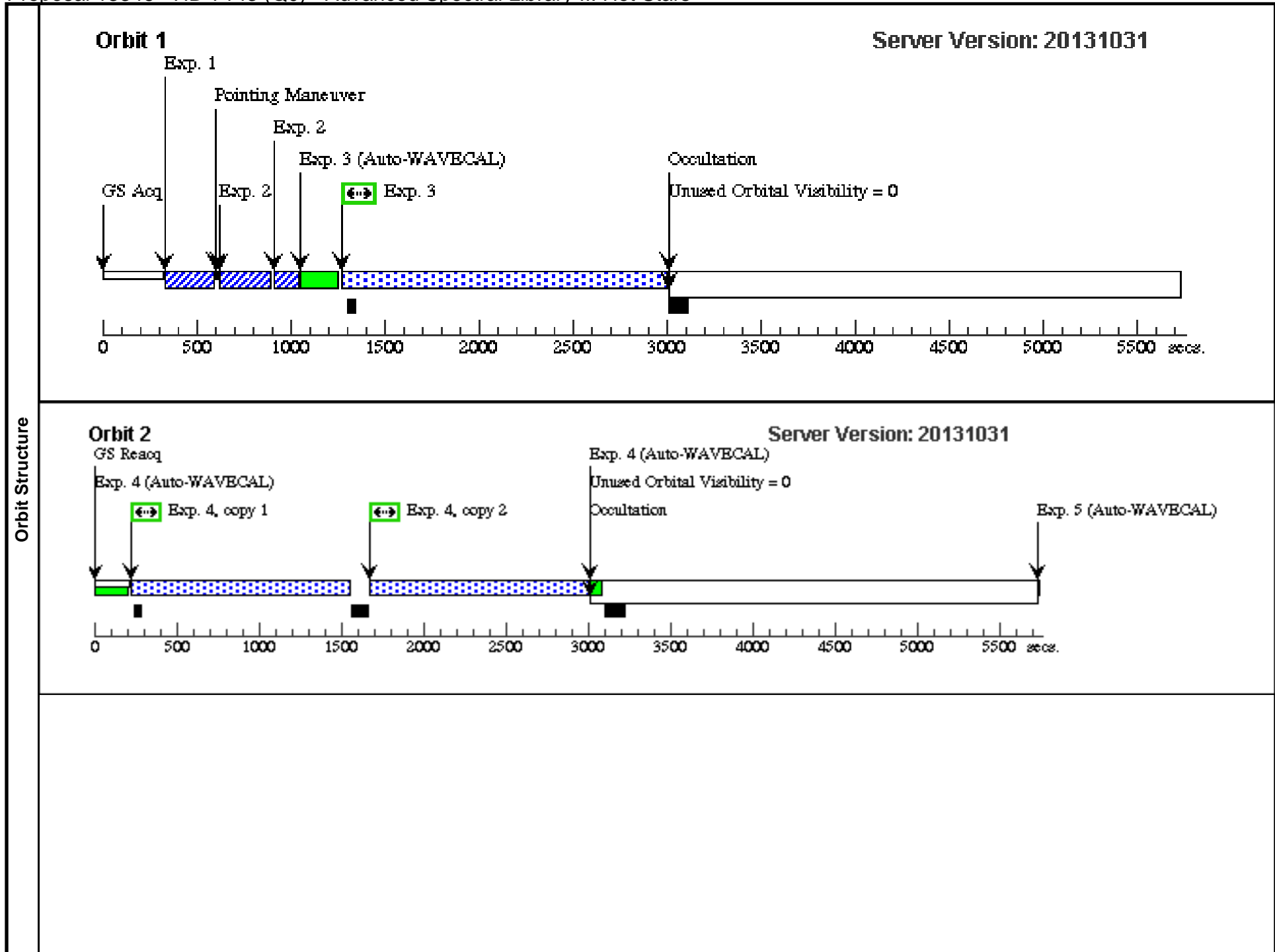
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Proposal 13346 - HD-7143 (Q0) - Advanced Spectral Library II: Hot Stars

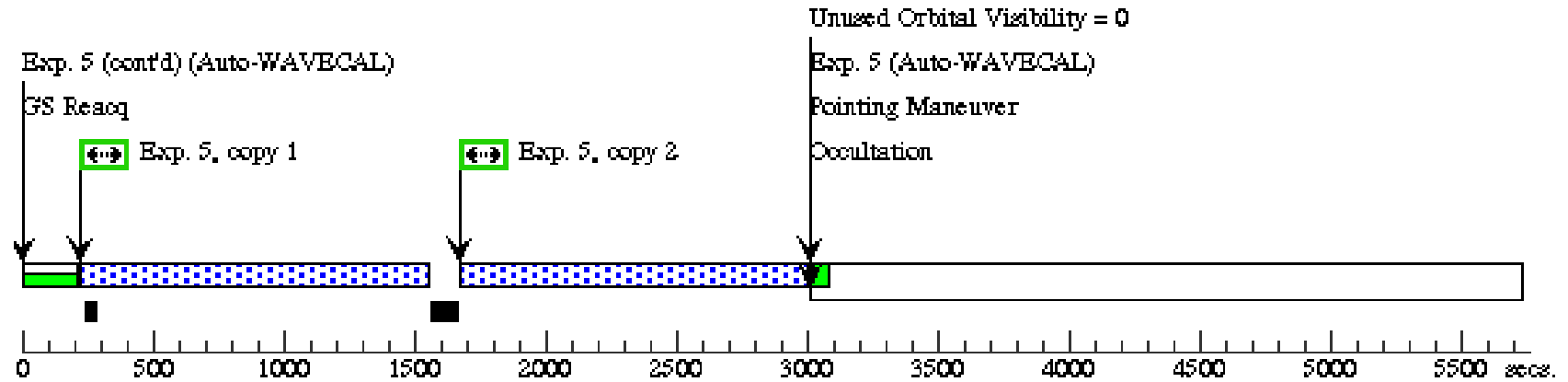
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Visit	Proposal 13346, HD-7143 (Q0), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(17)	HR-7143 Alt Name1: HD-175640	RA: 18 56 22.6600 (284.0944167d) Dec: -01 47 59.51 (-1.79986d) Equinox: J2000	Proper Motion RA: -2 mas/yr Proper Motion Dec: -19 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.198+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 465)	(17) HR-7143	STIS/CCD, ACQ, F28X500II	MIRROR				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.2 in magnitudes relative to Vega</i> <i>30,541 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 1.39 seconds</i>									
	2	(STIS.sp.51 5459)	(17) HR-7143	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.2 in magnitudes relative to Vega</i> <i>Aperture: 52X0.1</i> <i>(2,692,170 e-) x1.00= 2,692,000 for 0.2x0.09</i>									
	3	(STIS.sp.51 6135)	(17) HR-7143	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140M 1425 A				1700 Secs (1700 Secs) [==>]	[1]
	<i>Comments: M-1425 1700 SPCH 167,199 x0.83= 139,000 STIS.sp.516135 PHT=>SPCH (TRA:162K)</i>									
	4	(STIS.sp.51 5833)	(17) HR-7143	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140H 1271 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
	<i>Comments: H-1271 2626 SPCH 40,997 STIS.sp.515833 (TRA: 62K)</i>									
	5	(STIS.sp.51 5836)	(17) HR-7143	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2713 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]
<i>Comments: H-2713 2626 SPCH 131,323 STIS.sp.515836 (TRA:114K)</i>										
6	(STIS.sp.51 5459)	(17) HR-7143	STIS/CCD, ACQ/PEAK, 0.1X0.03	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.2 in magnitudes relative to Vega</i> <i>Aperture: 52X0.1</i> <i>(2,692,170 e-) x0.50= 1,346,000 for 0.1x0.03</i>										
7	(STIS.sp.51 5837)	(17) HR-7143	STIS/NUV-MAMA, ACCUM, 0.1X0.03	E230M 1978 A				1885 Secs (1885 Secs) [==>]	[4]	
<i>Comments: M-1978 1885 JENK 139,895 STIS.sp.515837 (TRA:143K)</i>										



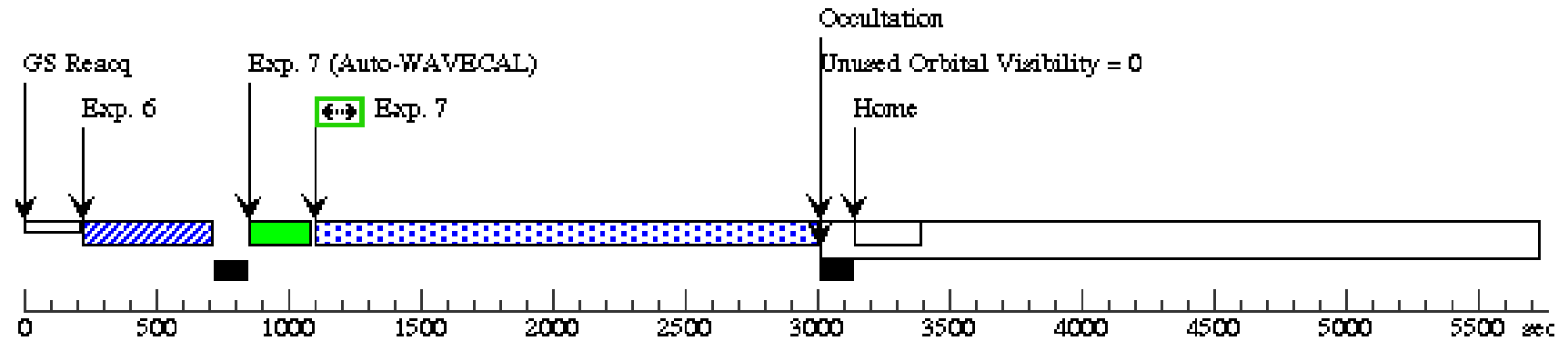
Orbit 3

Server Version: 20131031



Orbit 4

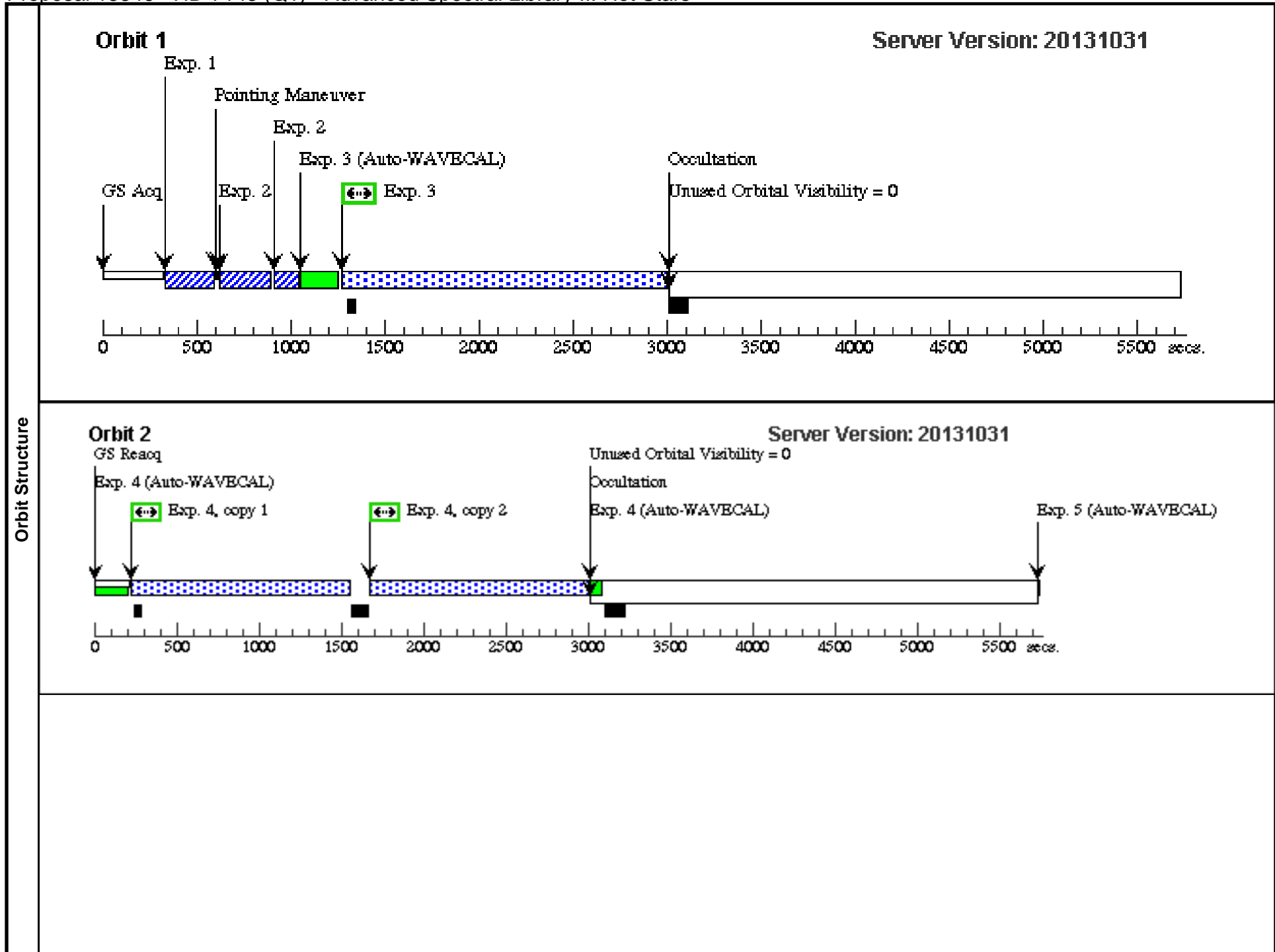
Server Version: 20131031



Proposal 13346 - HD-7143 (Q1) - Advanced Spectral Library II: Hot Stars

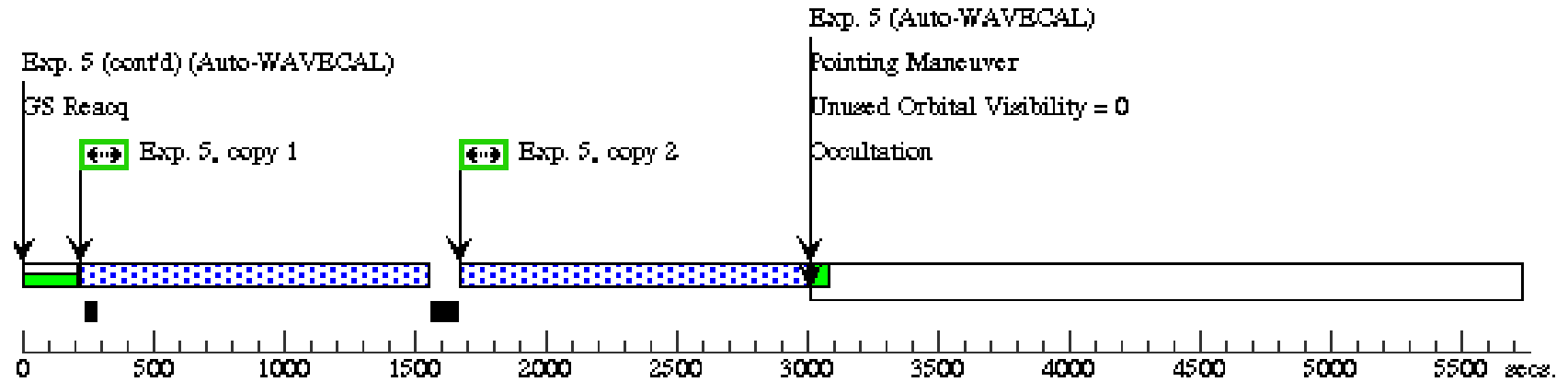
Mon Mar 17 01:21:18 GMT 2014

Visit	Proposal 13346, HD-7143 (Q1), failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(17)	HR-7143 Alt Name1: HD-175640	RA: 18 56 22.6600 (284.0944167d) Dec: -01 47 59.51 (-1.79986d) Equinox: J2000	Proper Motion RA: -2 mas/yr Proper Motion Dec: -19 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.198+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 465)	(17) HR-7143	STIS/CCD, ACQ, F28X500II	MIRROR				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.2 in magnitudes relative to Vega</i> <i>30,541 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 1.39 seconds</i>									
	2	(STIS.sp.51 5459)	(17) HR-7143	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.2 in magnitudes relative to Vega</i> <i>Aperture: 52X0.1</i> <i>(2,692,170 e-) x1.00= 2,692,000 for 0.2x0.09</i>									
	3	(STIS.sp.51 6135)	(17) HR-7143	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140M 1425 A				1700 Secs (1700 Secs) [==>]	[1]
	<i>Comments: M-1425 1700 SPCH 167,199 x0.83= 139,000 STIS.sp.516135 PHT=>SPCH (TRA:162K)</i>									
	4	(STIS.sp.51 5833)	(17) HR-7143	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140H 1271 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
	<i>Comments: H-1271 2626 SPCH 40,997 STIS.sp.515833 (TRA: 62K)</i>									
	5	(STIS.sp.51 5836)	(17) HR-7143	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2713 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]
<i>Comments: H-2713 2626 SPCH 131,323 STIS.sp.515836 (TRA:114K)</i>										
6	(STIS.sp.51 5459)	(17) HR-7143	STIS/CCD, ACQ/PEAK, 0.1X0.03	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[4]	
<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.2 in magnitudes relative to Vega</i> <i>Aperture: 52X0.1</i> <i>(2,692,170 e-) x0.50= 1,346,000 for 0.1x0.03</i>										
7	(STIS.sp.51 5837)	(17) HR-7143	STIS/NUV-MAMA, ACCUM, 0.1X0.03	E230M 1978 A				1885 Secs (1885 Secs) [==>]	[4]	
<i>Comments: M-1978 1885 JENK 139,895 STIS.sp.515837 (TRA:143K)</i>										



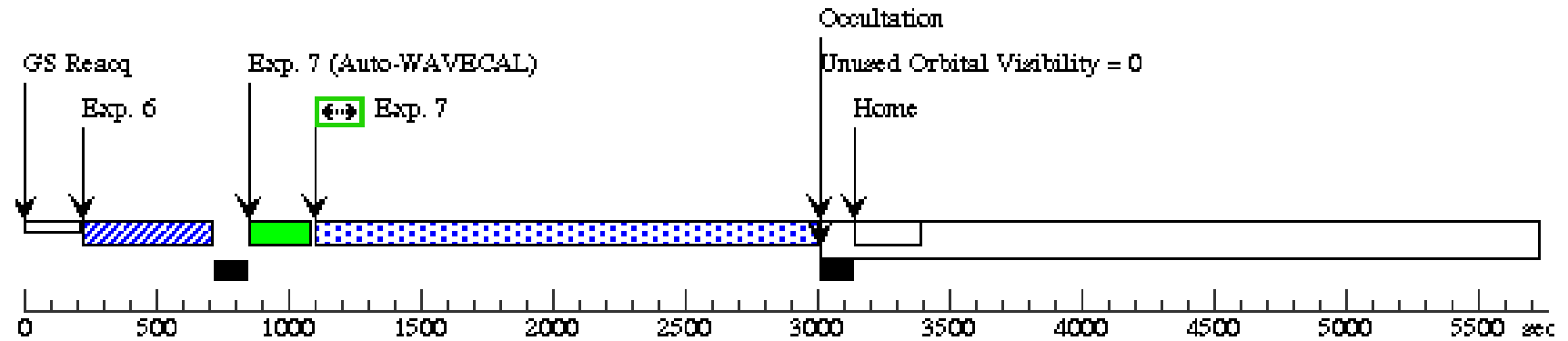
Orbit 3

Server Version: 20131031



Orbit 4

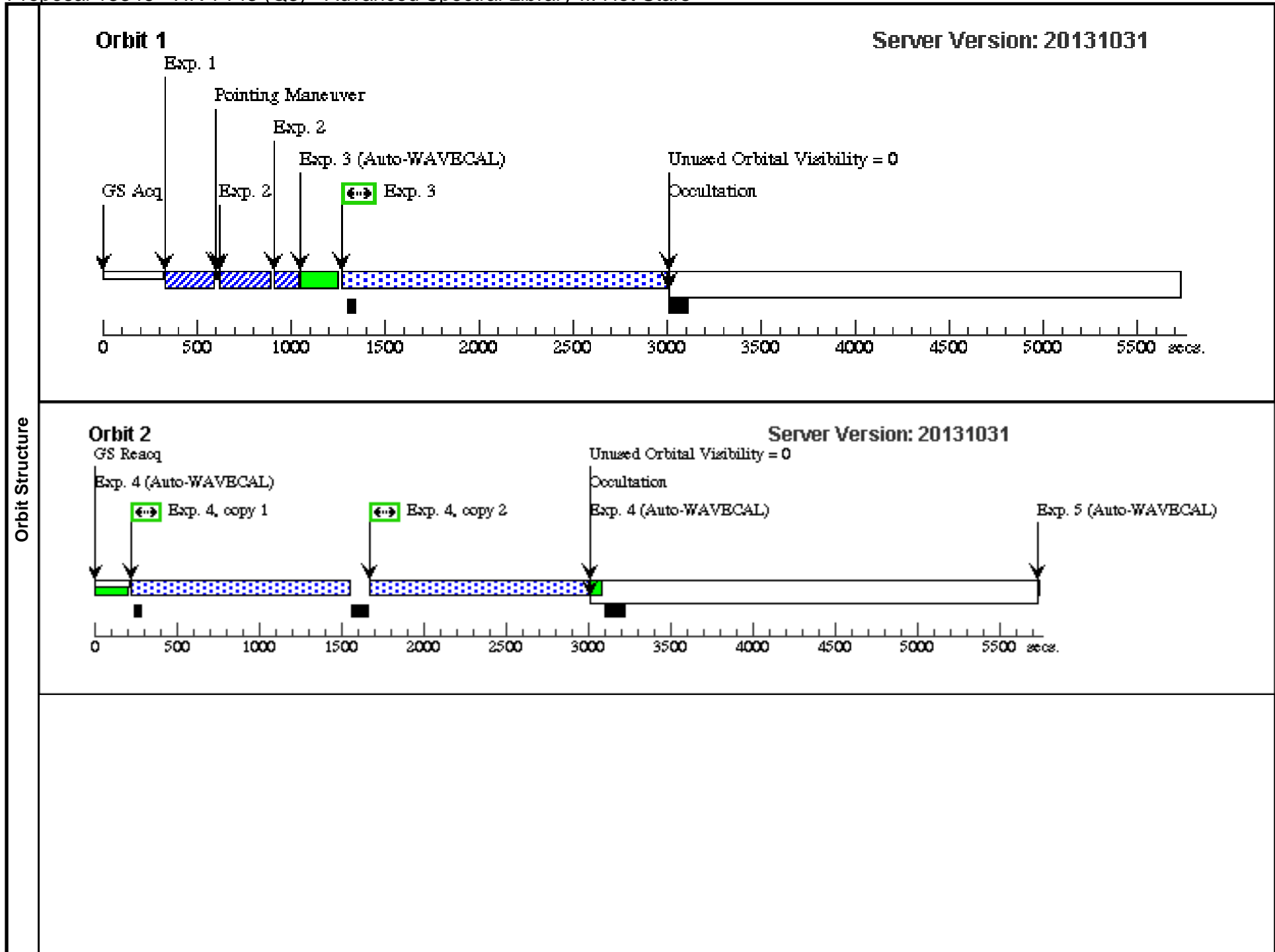
Server Version: 20131031



Proposal 13346 - HR-7143 (Q3) - Advanced Spectral Library II: Hot Stars

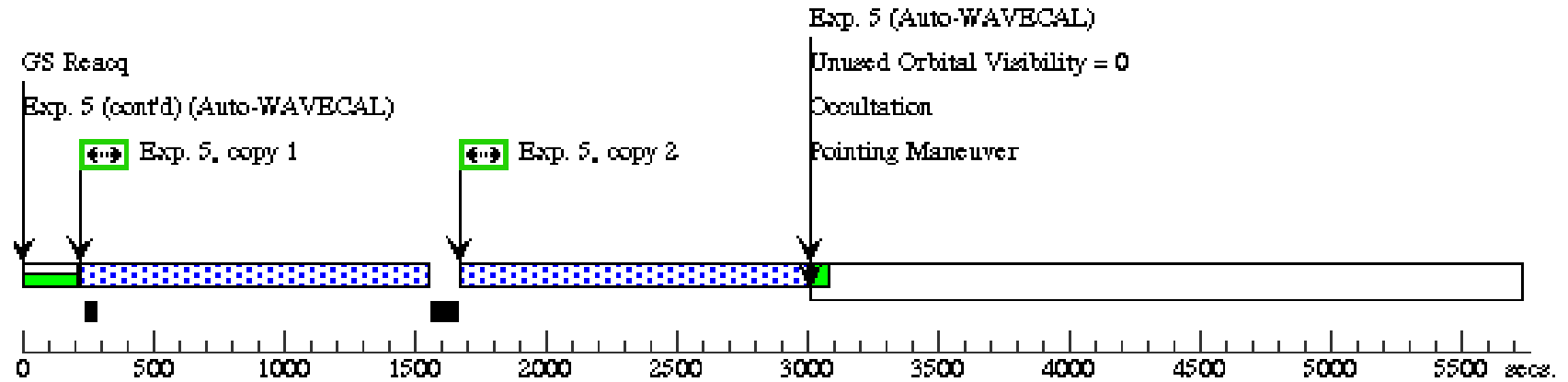
Mon Mar 17 01:21:19 GMT 2014

Visit	Proposal 13346, HR-7143 (Q3), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(17)	HR-7143 Alt Name1: HD-175640	RA: 18 56 22.6600 (284.0944167d) Dec: -01 47 59.51 (-1.79986d) Equinox: J2000	Proper Motion RA: -2 mas/yr Proper Motion Dec: -19 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.198+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 465)	(17) HR-7143	STIS/CCD, ACQ, F28X500II	MIRROR				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.2 in magnitudes relative to Vega</i> <i>30,541 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 1.39 seconds</i>									
	2	(STIS.sp.51 5459)	(17) HR-7143	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.2 in magnitudes relative to Vega</i> <i>Aperture: 52X0.1</i> <i>(2,692,170 e-) x1.00= 2,692,000 for 0.2x0.09</i>									
	3	(STIS.sp.51 6135)	(17) HR-7143	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140M 1425 A				1700 Secs (1700 Secs) [==>]	[1]
	<i>Comments: M-1425 1700 SPCH 167,199 x0.83= 139,000 STIS.sp.516135 PHT=>SPCH (TRA:162K)</i>									
	4	(STIS.sp.51 5833)	(17) HR-7143	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140H 1271 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
	<i>Comments: H-1271 2626 SPCH 40,997 STIS.sp.515833 (TRA: 62K)</i>									
	5	(STIS.sp.51 5836)	(17) HR-7143	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2713 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]
<i>Comments: H-2713 2626 SPCH 131,323 STIS.sp.515836 (TRA:114K)</i>										
6	(STIS.sp.51 5459)	(17) HR-7143	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.2 Secs (0.2 Secs) [==>]	[4]	
<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.2 in magnitudes relative to Vega</i> <i>Aperture: 52X0.1</i> <i>(2,692,170 e-) x0.50= 1,346,000 for 0.1x0.03</i> <i>tepx increased from 0.1s to 0.2s to improve CR (JENK=>NDA)</i>										
7	(STIS.sp.51 5837)	(17) HR-7143	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230M 1978 A				1877 Secs (1877 Secs) [==>]	[4]	
<i>Comments: M-1978 1885 JENK 139,895 STIS.sp.515837 (TRA:143K)</i>										



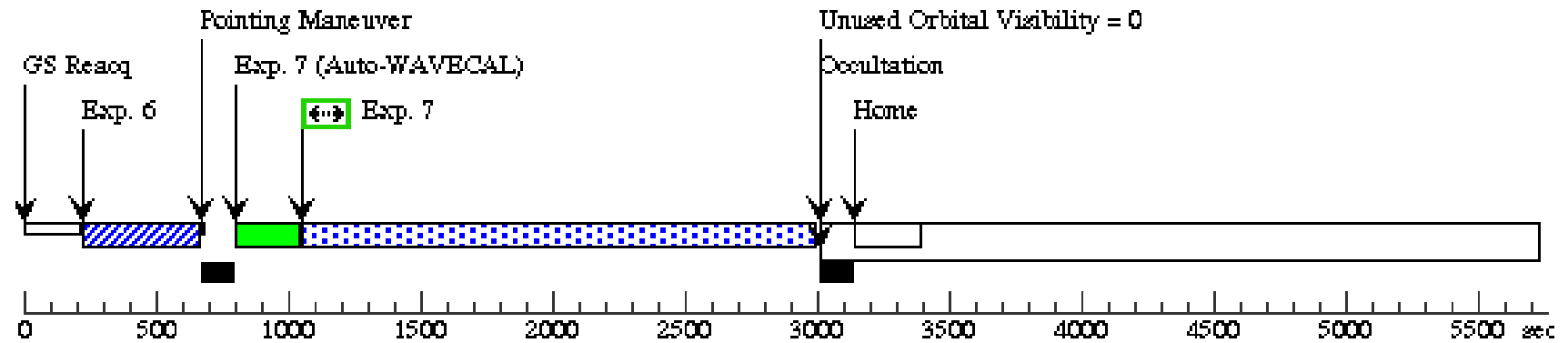
Orbit 3

Server Version: 20131031



Orbit 4

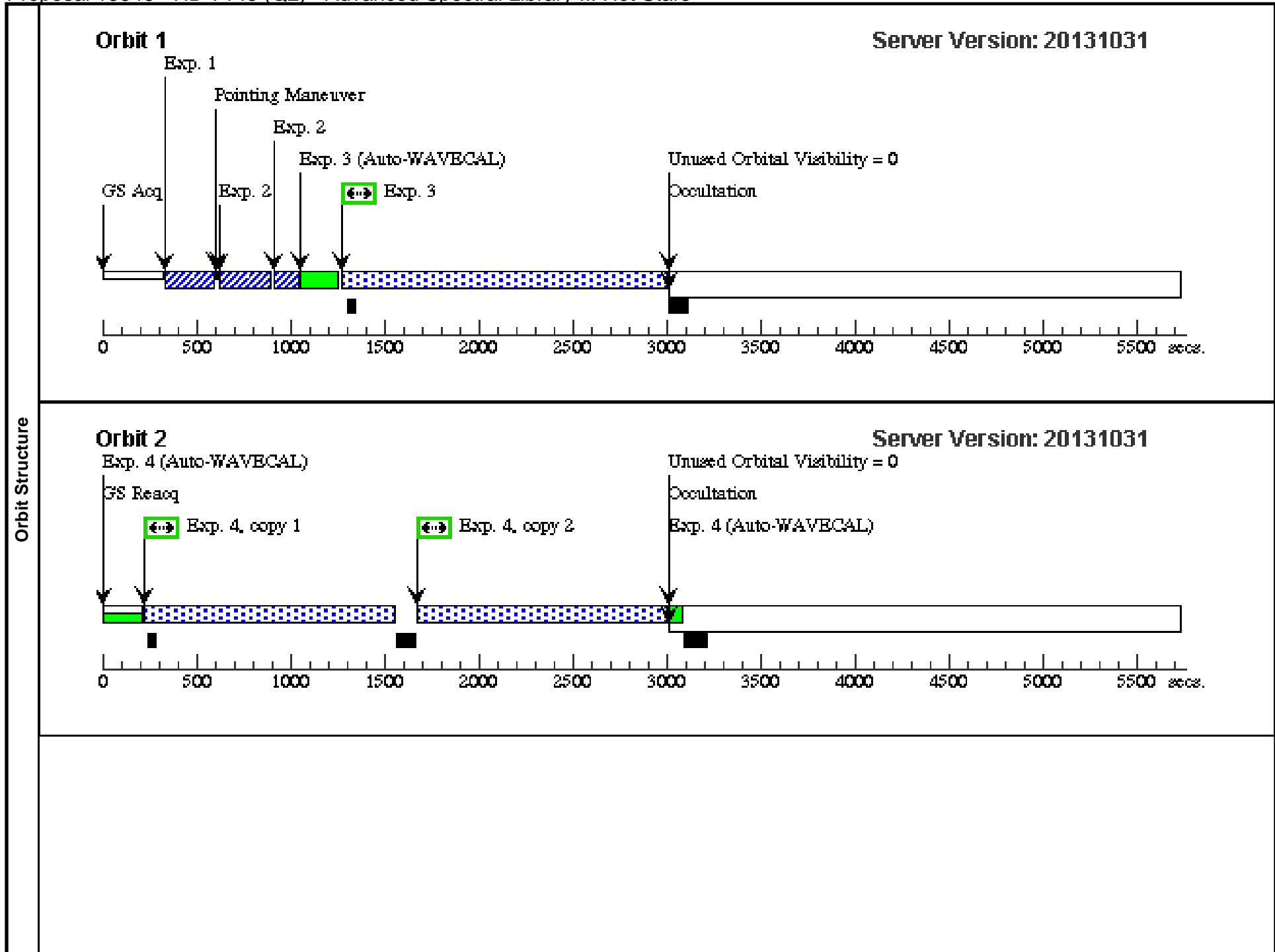
Server Version: 20131031



Proposal 13346 - HD-7143 (Q2) - Advanced Spectral Library II: Hot Stars

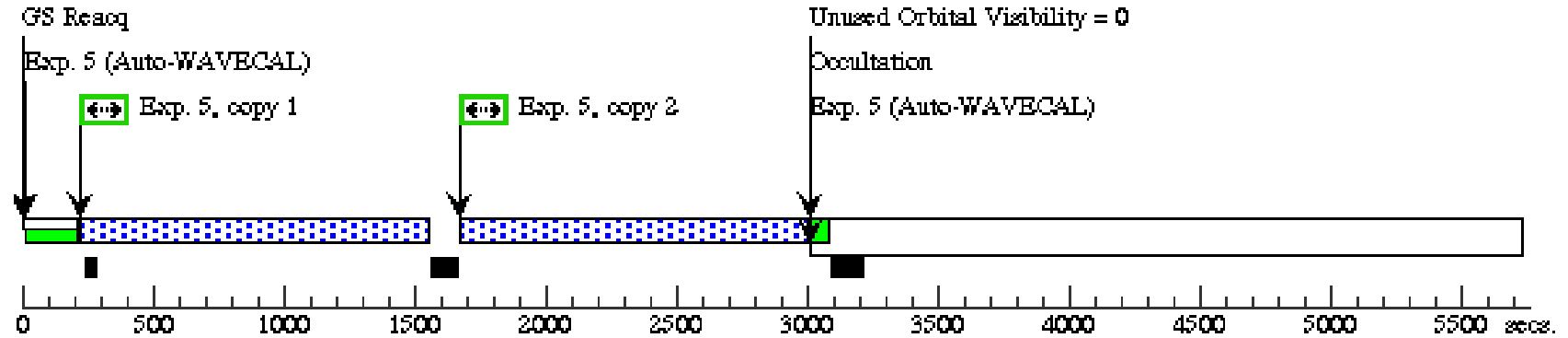
Mon Mar 17 01:21:20 GMT 2014

Visit	Proposal 13346, HD-7143 (Q2), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(17)	HR-7143 Alt Name1: HD-175640	RA: 18 56 22.6600 (284.0944167d) Dec: -01 47 59.51 (-1.79986d) Equinox: J2000	Proper Motion RA: -2 mas/yr Proper Motion Dec: -19 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.198+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 465)	(17) HR-7143	STIS/CCD, ACQ, F28X500II	MIRROR				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.2 in magnitudes relative to Vega</i> <i>30,541 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 1.39 seconds</i>									
	2	(STIS.sp.51 5459)	(17) HR-7143	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.2 in magnitudes relative to Vega</i> <i>Aperture: 52X0.1</i> <i>(2,692,170 e-) x1.00= 2,692,000 for 0.2x0.09</i>									
	3	(STIS.sp.51 6135)	(17) HR-7143	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140M 1425 A				1700 Secs (1700 Secs) [==>]	[1]
	<i>Comments: M-1425 1700 SPCH 167,199 x0.83= 139,000 STIS.sp.516135 PHT=>SPCH (TRA:162K)</i>									
	4	(STIS.sp.51 5838)	(17) HR-7143	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2463 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: H-2463 2626 SPCH 131,231 STIS.sp.515838 (TRA:125K)</i>										
5	(STIS.sp.51 5839)	(17) HR-7143	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2513 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: H-2513 2626 SPCH 130,341 STIS.sp.515839 (TRA:126K)</i>										
6	(STIS.sp.51 5841)	(17) HR-7143	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2912 A				1313 Secs X 2 (2626 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
<i>Comments: H-2912 2626 SPCH 101,307 STIS.sp.515841 (TRA: 88K)</i>										



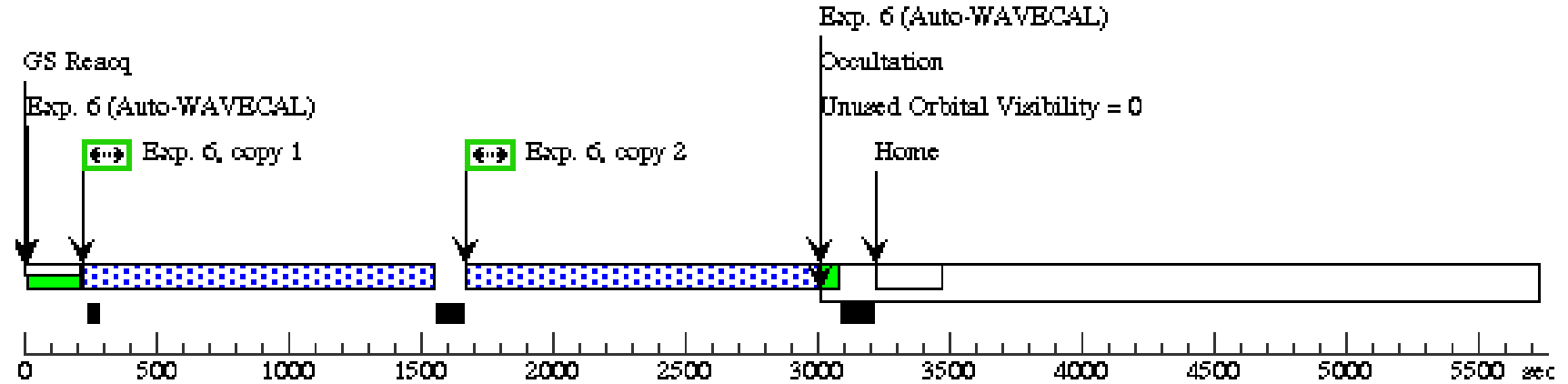
Orbit 3

Server Version: 20131031



Orbit 4

Server Version: 20131031

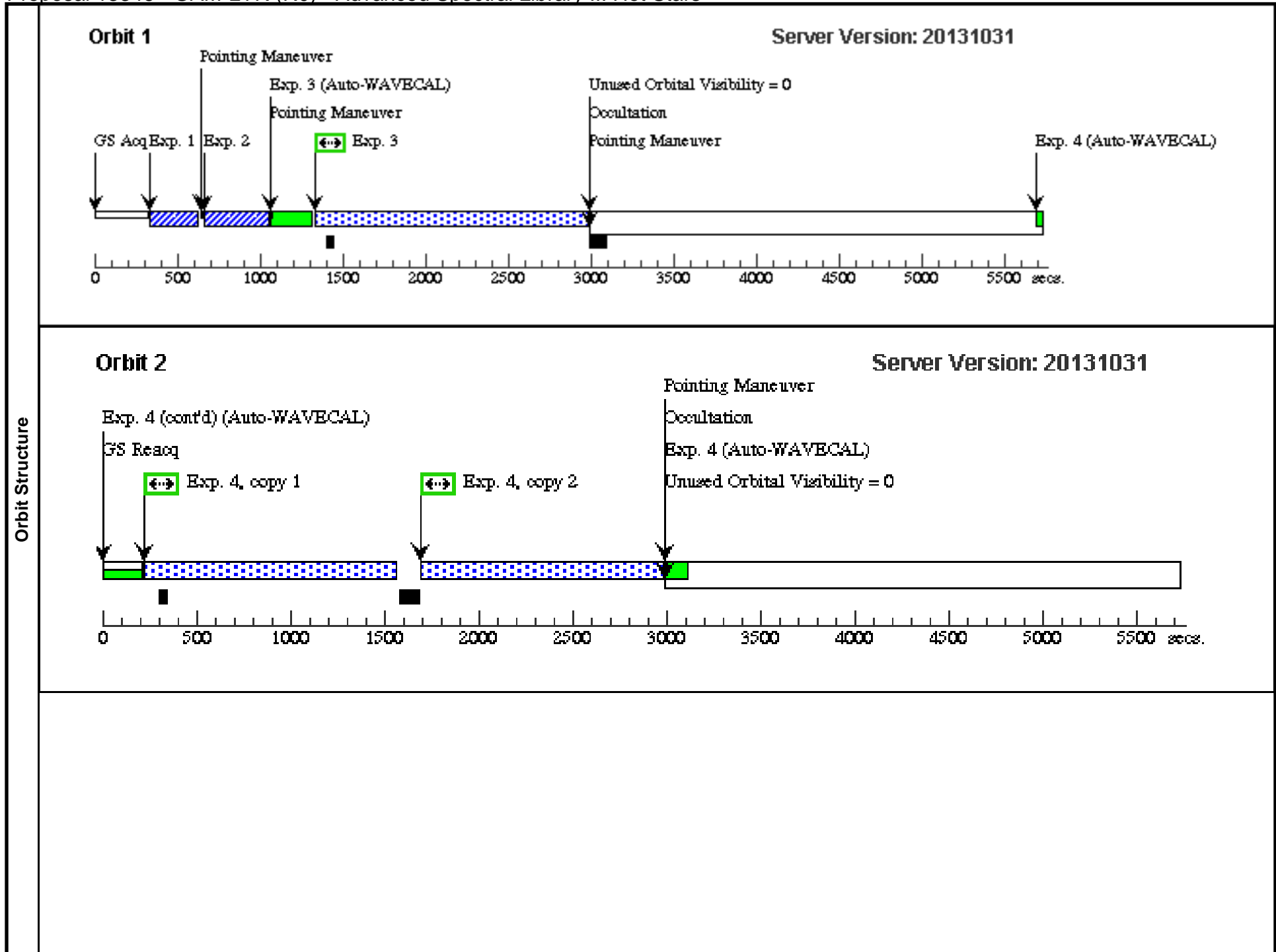


Proposal 13346 - GAM-LYR (R0) - Advanced Spectral Library II: Hot Stars

Visit	Proposal 13346, GAM-LYR (R0), scheduling Mon Mar 17 01:21:21 GMT 2014 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 5D TO 155 D; ORIENT 185D TO 335 D					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(18)		GAM-LYR Alt Name1: HD-176437 Alt Name2: SULAFAT	RA: 18 58 56.6220 (284.7359250d) Dec: +32 41 22.40 (32.68956d) Equinox: J2000	Proper Motion RA: -3 mas/yr Proper Motion Dec: +1 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=3.250+/-0.1	Reference Frame: ICRS

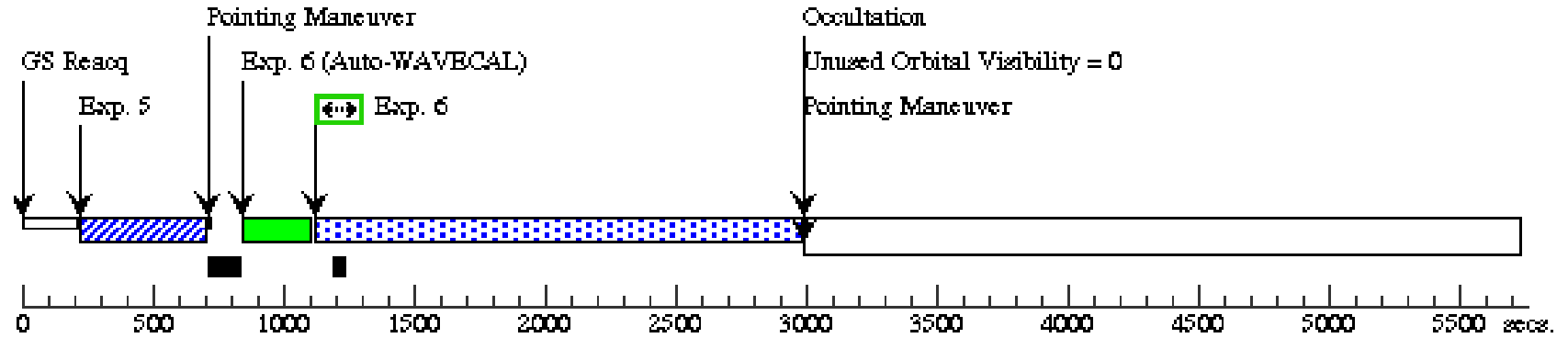
Proposal 13346 - GAM-LYR (R0) - Advanced Spectral Library II: Hot Stars

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(STIS.ta.515 478)	(18) GAM-LYR	STIS/CCD, ACQ, F25ND3	MIRROR			0.1 Secs (0.1 Secs) [==>]	[1]	
	<p><i>Comments: Pickles Models A0III 9571.94K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.25 in magnitudes relative to Vega</i> <i>116,597 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.23 seconds</i></p>									
	2	(STIS.sp.51 5473)	(18) GAM-LYR	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430M 4451 A			0.2 Secs (0.2 Secs) [==>]	[1]	
	<p><i>Comments: Pickles Models A0III 9571.94K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.25 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,217,117 e-) x0.10= 422,000 for NDB</i> <i>texp 0.1s increased to 0.2s to improve CR</i></p>									
	3	(STIS.sp.51 5826)	(18) GAM-LYR	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140M 1425 A			1585 Secs (1585 Secs) [==>]	[1]	
	<p><i>Comments: M-1425 1587 NDB 1,041,507 x0.10= 104,000 STIS.sp.515826 PHT=>NDB (TRA:118K)</i></p>									
	4	(STIS.sp.51 5829)	(18) GAM-LYR	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2713 A			1277 Secs X 2 (2554 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
	<p><i>Comments: H-2713 2548 NDB 1,296,561 x0.10= 130,000 STIS.sp.515829 PHT=>NDB (TRA: 85K)</i></p>									
5	(STIS.sp.51 5473)	(18) GAM-LYR	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430M 4451 A			0.5 Secs (0.5 Secs) [==>]	[3]		
<p><i>Comments: Pickles Models A0III 9571.94K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.25 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,217,117 e-) x0.10= 422,000 for NDB (211,000 for NDC)</i> <i>texp increased from 0.1s to 0.5s to improve CR</i></p>										
6	(STIS.sp.51 5828)	(18) GAM-LYR	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230M 1978 A			1795 Secs (1795 Secs) [==>]	[3]		
<p><i>Comments: M-1978 2556 NDB 2,291,071 x0.08= 183,000 STIS.sp.515828 PHT=>NDB (TRA:197K) near peak abs NDB</i></p>										
7	(STIS.sp.51 5473)	(18) GAM-LYR	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430M 4451 A			0.1 Secs (0.1 Secs) [==>]	[4]		
<p><i>Comments: Pickles Models A0III 9571.94K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.25 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,217,117 e-) x1.00= 4,217,000 for 0.2x0.06</i> <i>Time to Saturation (for a single exposure) = 1.95 seconds</i> <i>(~1000k e- for NDA)</i></p>										
8	(STIS.sp.51 6522)	(18) GAM-LYR	STIS/FUV-MAMA, ACCUM, 31X0.05NDA	E140H 1271 A			1846 Secs (1846 Secs) [==>]	[4]		
<p><i>Comments: H-1271 1840 SPCM 185,259 x0.83= 154,000 STIS.sp.516522 SPCH=>SPCM (TRA:233K) **</i> <i>JENK=>NDA</i></p>										



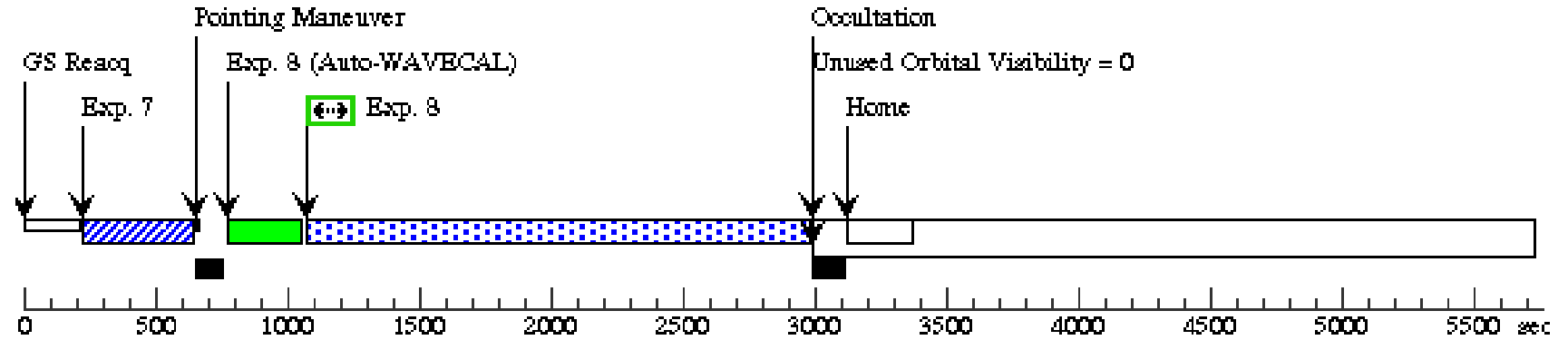
Orbit 3

Server Version: 20131031



Orbit 4

Server Version: 20131031

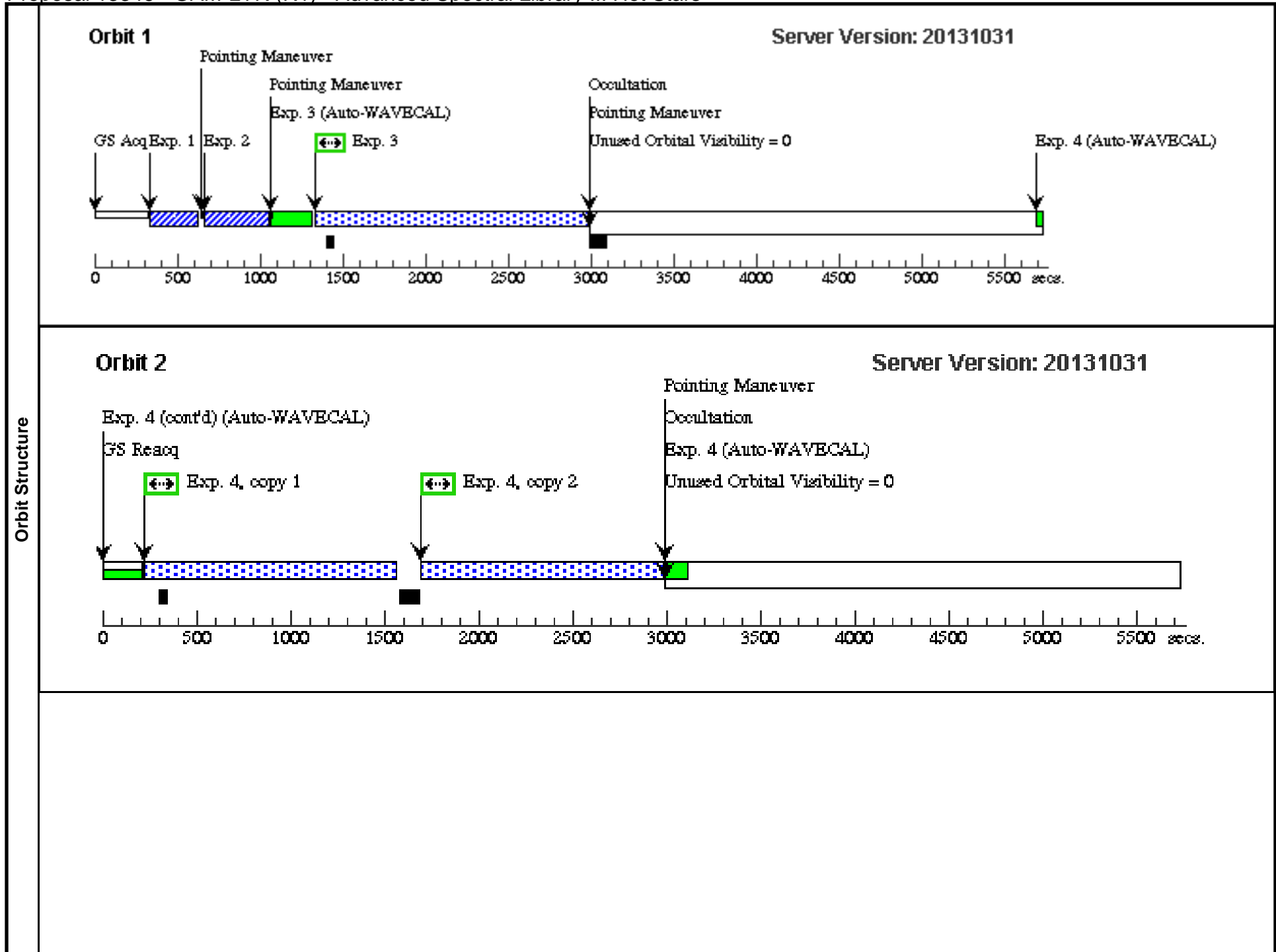


Proposal 13346 - GAM-LYR (R1) - Advanced Spectral Library II: Hot Stars

Visit	Proposal 13346, GAM-LYR (R1), scheduling Mon Mar 17 01:21:21 GMT 2014 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 5D TO 155 D; ORIENT 185D TO 335 D					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(18)		GAM-LYR Alt Name1: HD-176437 Alt Name2: SULAFAT	RA: 18 58 56.6220 (284.7359250d) Dec: +32 41 22.40 (32.68956d) Equinox: J2000	Proper Motion RA: -3 mas/yr Proper Motion Dec: +1 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=3.250+/-0.1	Reference Frame: ICRS

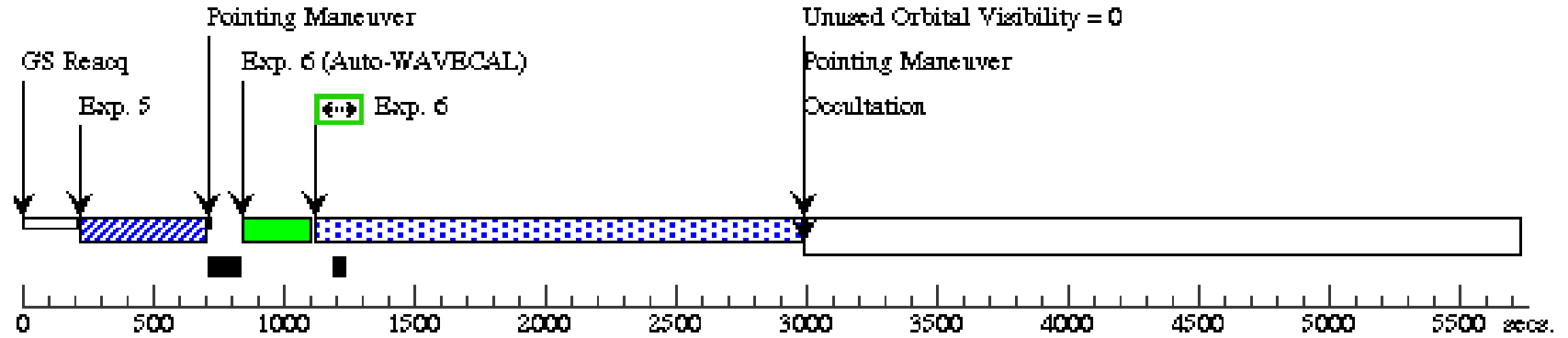
Proposal 13346 - GAM-LYR (R1) - Advanced Spectral Library II: Hot Stars

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(STIS.ta.515 478)	(18) GAM-LYR	STIS/CCD, ACQ, F25ND3	MIRROR			0.1 Secs (0.1 Secs) [==>]	[1]	
	<p><i>Comments: Pickles Models A0III 9571.94K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.25 in magnitudes relative to Vega</i> <i>116,597 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.23 seconds</i></p>									
	2	(STIS.sp.51 5473)	(18) GAM-LYR	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430M 4451 A			0.2 Secs (0.2 Secs) [==>]	[1]	
	<p><i>Comments: Pickles Models A0III 9571.94K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.25 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,217,117 e-) x0.10= 422,000 for NDB</i> <i>texp 0.1s increased to 0.2s to improve CR</i></p>									
	3	(STIS.sp.51 5826)	(18) GAM-LYR	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140M 1425 A			1585 Secs (1585 Secs) [==>]	[1]	
	<p><i>Comments: M-1425 1587 NDB 1,041,507 x0.10= 104,000 STIS.sp.515826 PHT=>NDB (TRA:118K)</i></p>									
	4	(STIS.sp.51 5829)	(18) GAM-LYR	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2713 A			1277 Secs X 2 (2554 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]	
	<p><i>Comments: H-2713 2548 NDB 1,296,561 x0.10= 130,000 STIS.sp.515829 PHT=>NDB (TRA: 85K)</i></p>									
5	(STIS.sp.51 5473)	(18) GAM-LYR	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430M 4451 A			0.5 Secs (0.5 Secs) [==>]	[3]		
<p><i>Comments: Pickles Models A0III 9571.94K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.25 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,217,117 e-) x0.10= 422,000 for NDB (211,000 for NDC)</i> <i>texp increased from 0.1s to 0.5s to improve CR</i></p>										
6	(STIS.sp.51 5828)	(18) GAM-LYR	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	E230M 1978 A			1795 Secs (1795 Secs) [==>]	[3]		
<p><i>Comments: M-1978 2556 NDB 2,291,071 x0.08= 183,000 STIS.sp.515828 PHT=>NDB (TRA:197K) near peak abs NDB</i></p>										
7	(STIS.sp.51 5473)	(18) GAM-LYR	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430M 4451 A			0.1 Secs (0.1 Secs) [==>]	[4]		
<p><i>Comments: Pickles Models A0III 9571.94K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.25 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,217,117 e-) x1.00= 4,217,000 for 0.2x0.06</i> <i>Time to Saturation (for a single exposure) = 1.95 seconds</i> <i>(~1000k e- for NDA)</i></p>										
8	(STIS.sp.51 6522)	(18) GAM-LYR	STIS/FUV-MAMA, ACCUM, 31X0.05NDA	E140H 1271 A			1846 Secs (1846 Secs) [==>]	[4]		
<p><i>Comments: H-1271 1840 SPCM 185,259 x0.83= 154,000 STIS.sp.516522 SPCH=>SPCM (TRA:233K) **</i> <i>JENK=>NDA</i></p>										



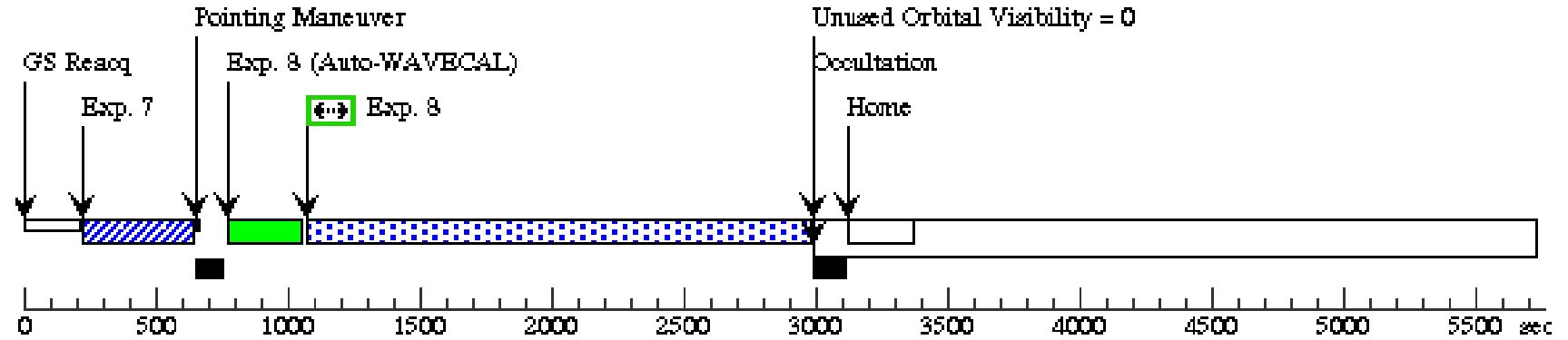
Orbit 3

Server Version: 20131031



Orbit 4

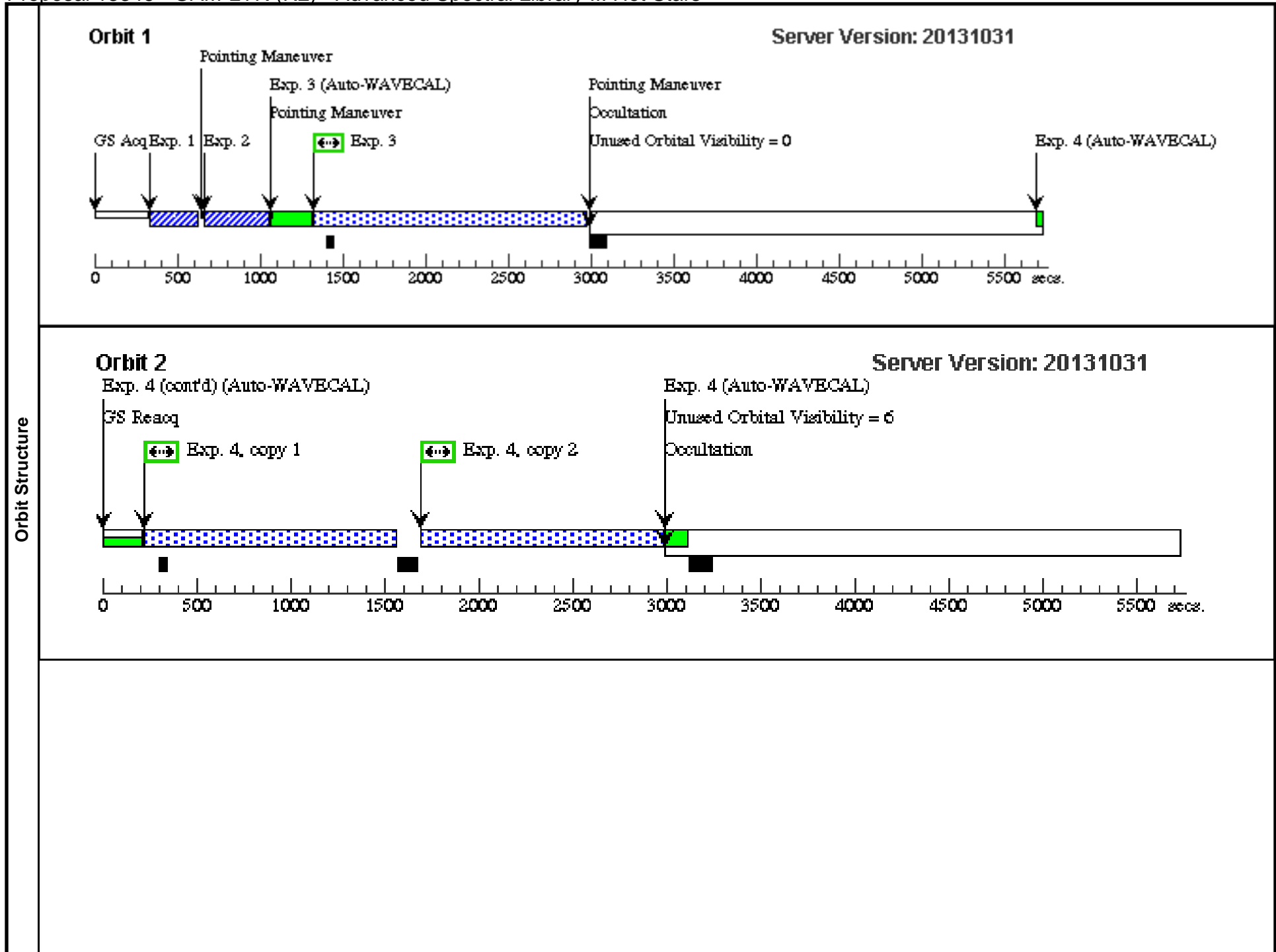
Server Version: 20131031



Proposal 13346 - GAM-LYR (R2) - Advanced Spectral Library II: Hot Stars

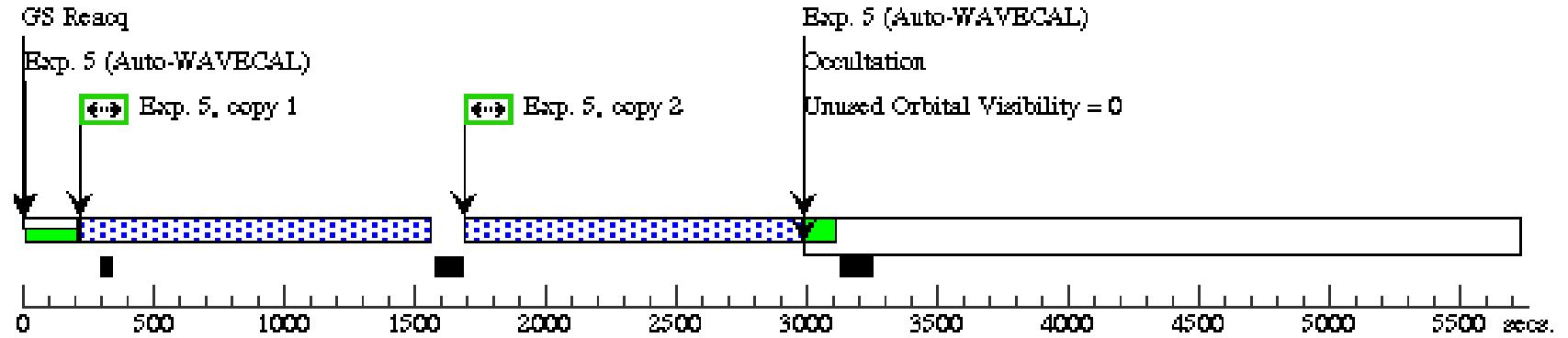
Mon Mar 17 01:21:22 GMT 2014

Visit	Proposal 13346, GAM-LYR (R2), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%; ORIENT 5D TO 155 D; ORIENT 185D TO 335 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(18)	GAM-LYR	RA: 18 58 56.6220 (284.7359250d)	Proper Motion RA: -3 mas/yr	V=3.250+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-176437	Dec: +32 41 22.40 (32.68956d)	Proper Motion Dec: +1 mas/yr						
		Alt Name2: SULAFAT	Equinox: J2000	Parallax: 0.0"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 478)	(18) GAM-LYR	STIS/CCD, ACQ, F25ND3	MIRROR				0.1 Secs (0.1 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models A0III 9571.94K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.25 in magnitudes relative to Vega</i> <i>116,597 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.23 seconds</i>								
	2	(STIS.sp.51 5473)	(18) GAM-LYR	STIS/CCD, ACQ/PEAK, 31X0.05NDB	G430M 4451 A				0.1 Secs (0.1 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models A0III 9571.94K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 3.25 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(4,217,117 e-) x0.10= 422,000 for NDB</i>								
	3	(STIS.sp.51 5826)	(18) GAM-LYR	STIS/FUV-MAMA, ACCUM, 31X0.05NDB	E140M 1425 A				1587 Secs (1587 Secs)	
								[==>]	[1]	
		<i>Comments: M-1425 1587 NDB 1,041,507 x0.10= 104,000 STIS.sp.515826 PHT=>NDB (TRA:118K)</i>								
	4	(STIS.sp.51 5830)	(18) GAM-LYR	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2463 A				1274 Secs X 2 (2548 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[2]	
		<i>Comments: H-2463 2548 NDB 1,127,581 x0.10= 113,000 STIS.sp.515830 PHT=>NDB (TRA: 86K)</i>								
	5	(STIS.sp.51 5831)	(18) GAM-LYR	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2513 A				1277 Secs X 2 (2554 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[3]	
		<i>Comments: H-2513 2554 NDB 1,161,742 x0.10= 116,000 STIS.sp.515831 PHT=>NDB (TRA: 89K)</i>								
	6	(STIS.sp.51 5832)	(18) GAM-LYR	STIS/NUV-MAMA, ACCUM, 31X0.05NDB	E230H 2912 A				1277 Secs X 2 (2554 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[4]	
		<i>Comments: H-2912 2554 NDB 973,755 x0.10= 97,000 STIS.sp.515832 PHT=>NDB (TRA: 64K)</i>								



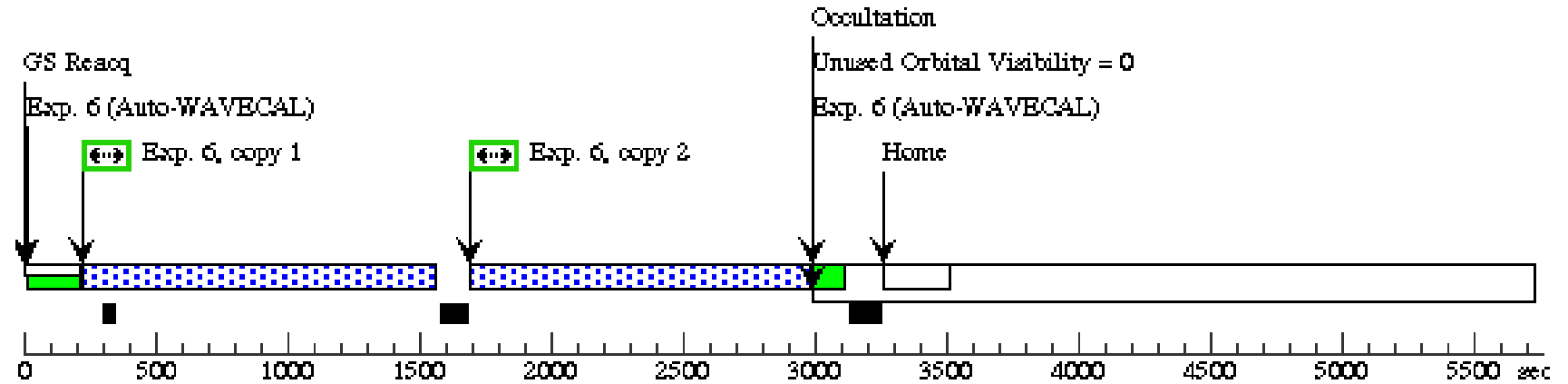
Orbit 3

Server Version: 20131031



Orbit 4

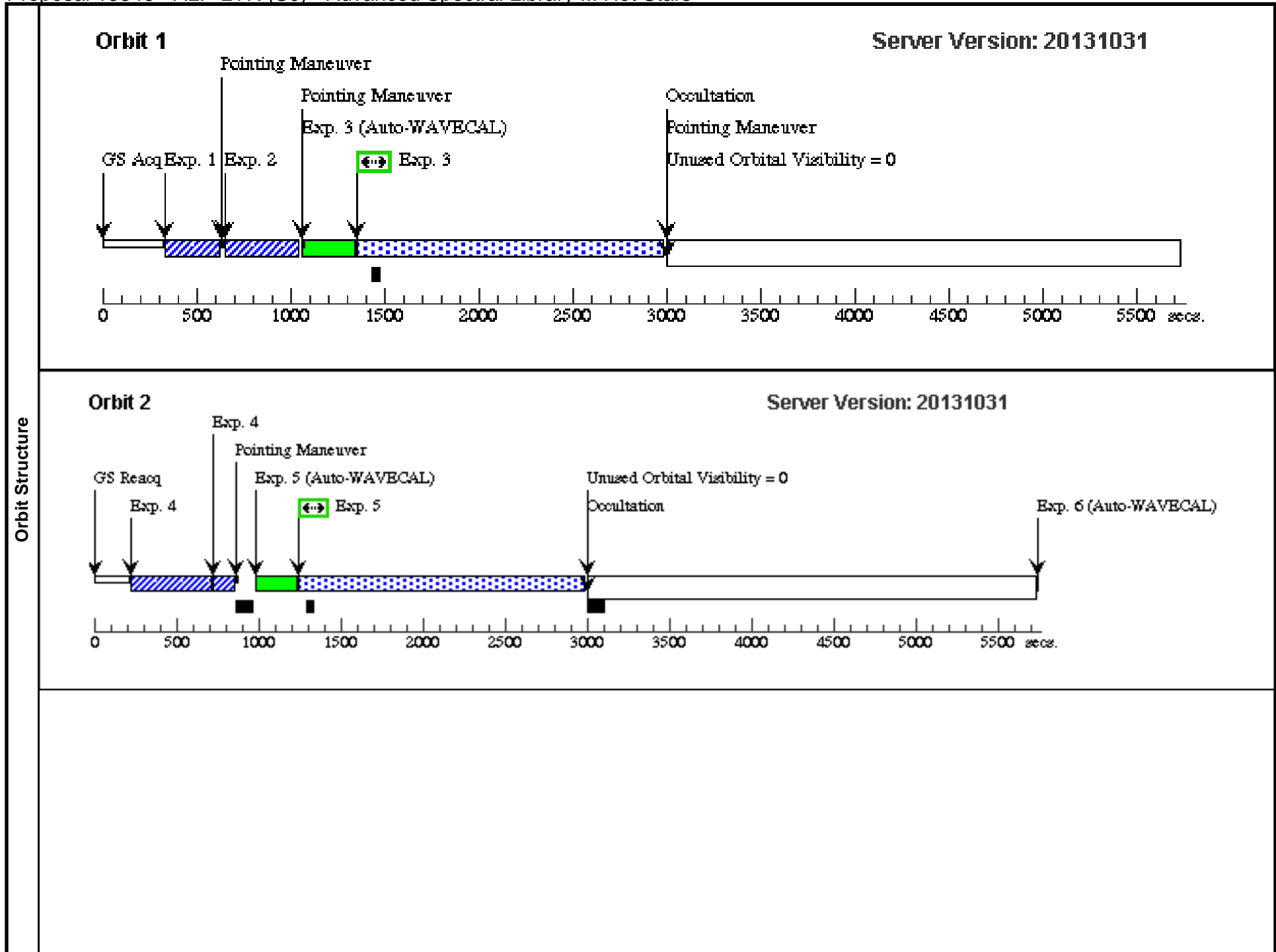
Server Version: 20131031

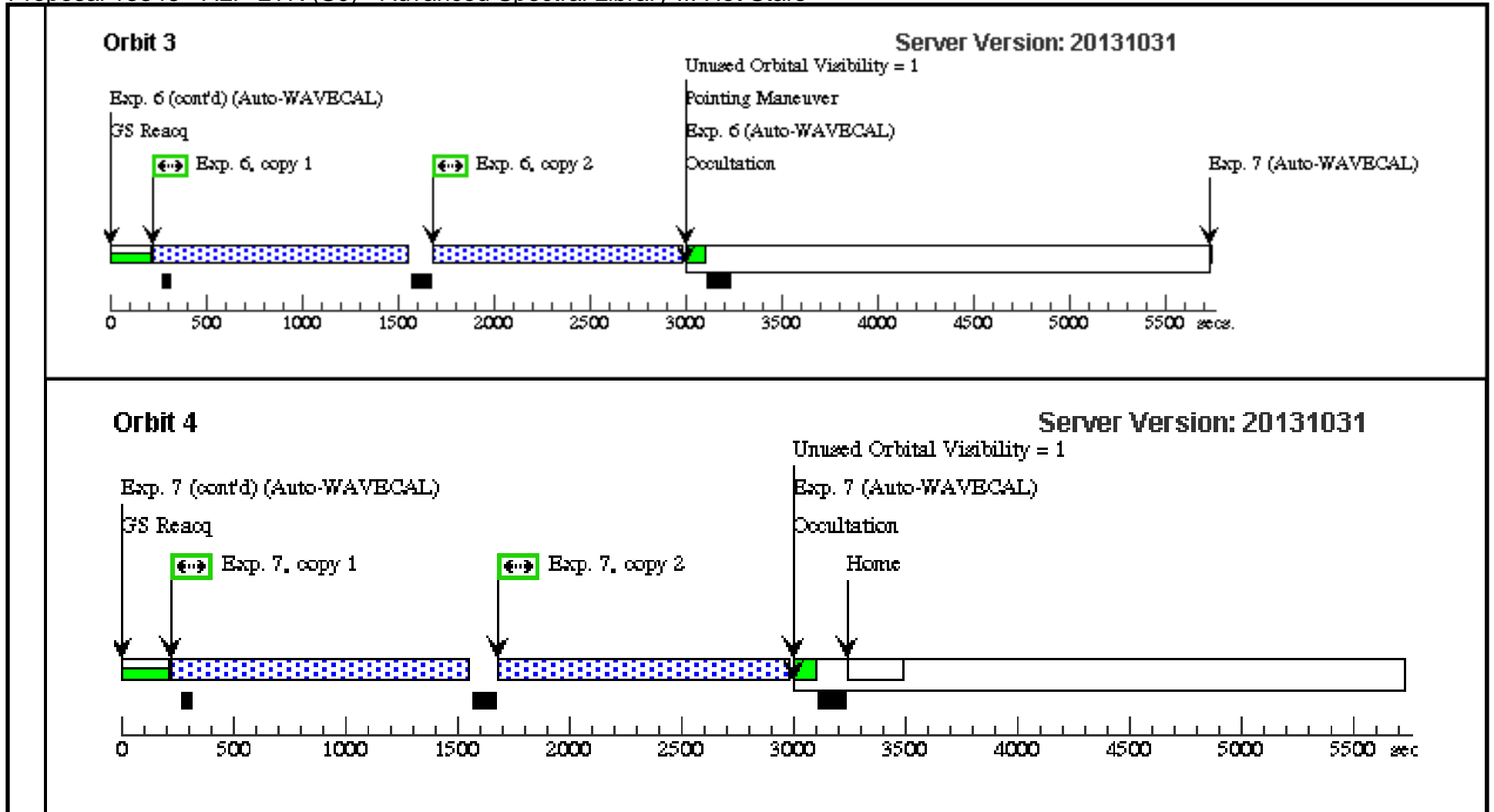


Proposal 13346 - ALP-LYR (S0) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:21:23 GMT 2014

Visit	Proposal 13346, ALP-LYR (S0), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(19)	ALP-LYR	RA: 18 36 56.3360 (279.2347333d)	Proper Motion RA: +201 mas/yr	V=0.03+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-172167	Dec: +38 47 1.28 (38.78369d)	Proper Motion Dec: +286 mas/yr						
		Alt Name2: VEGA	Equinox: J2000	Parallax: 0.130"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 486)	(19) ALP-LYR	STIS/CCD, ACQ, F25ND5	MIRROR				0.3 Secs (0.3 Secs)	
								[==>]	[1]	
		Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 0.03 in magnitudes relative to Vega 32,727 e- (box of 3 x 3 pixels)								
	2	(STIS.sp.51 5482)	(19) ALP-LYR	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430M 4451 A				0.1 Secs (0.1 Secs)	
								[==>]	[1]	
		Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 0.03 in magnitudes relative to Vega Aperture: 52X0.05 (83,531,761 e-) x0.05 = 4,177,000 for NDC								
	3	(STIS.sp.51 6423)	(19) ALP-LYR	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140H 1234 A				1561 Secs (1561 Secs)	
								[==>]	[1]	
		Comments: H-1271 1561 NDC 2,868,578 x0.05 = 143,000 STIS.sp.516423 PHT=>NDC (TRA:174K) (actual:216K) !!!								
	4	(STIS.sp.51 5482)	(19) ALP-LYR	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430M 4451 A				0.1 Secs (0.1 Secs)	
								[==>]	[2]	
		Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 0.03 in magnitudes relative to Vega Aperture: 52X0.05 (83,531,761 e-) x0.01 = 835,000 for ND2								
	5	(STIS.sp.51 5814)	(19) ALP-LYR	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1416 A				1699 Secs (1699 Secs)	
								[==>]	[2]	
		Comments: H-1416 1699 ND2 69,962 STIS.sp.515814 (TRA: 94K)								
	6	(STIS.sp.51 5815)	(19) ALP-LYR	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1598 A				1292 Secs X 2 (2584 Secs)	
								[==>(Copy 1)]	[3]	
								[==>(Copy 2)]		
		Comments: H-1598 2584 ND2 33,398 STIS.sp.515815 (TRA: 50K)								
	7	(STIS.sp.51 5816)	(19) ALP-LYR	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 1763 A				1292 Secs X 2 (2584 Secs)	
								[==>(Copy 1)]	[4]	
								[==>(Copy 2)]		
		Comments: H-1763 2584 ND2 57,132 STIS.sp.515816 (TRA: 64K)								

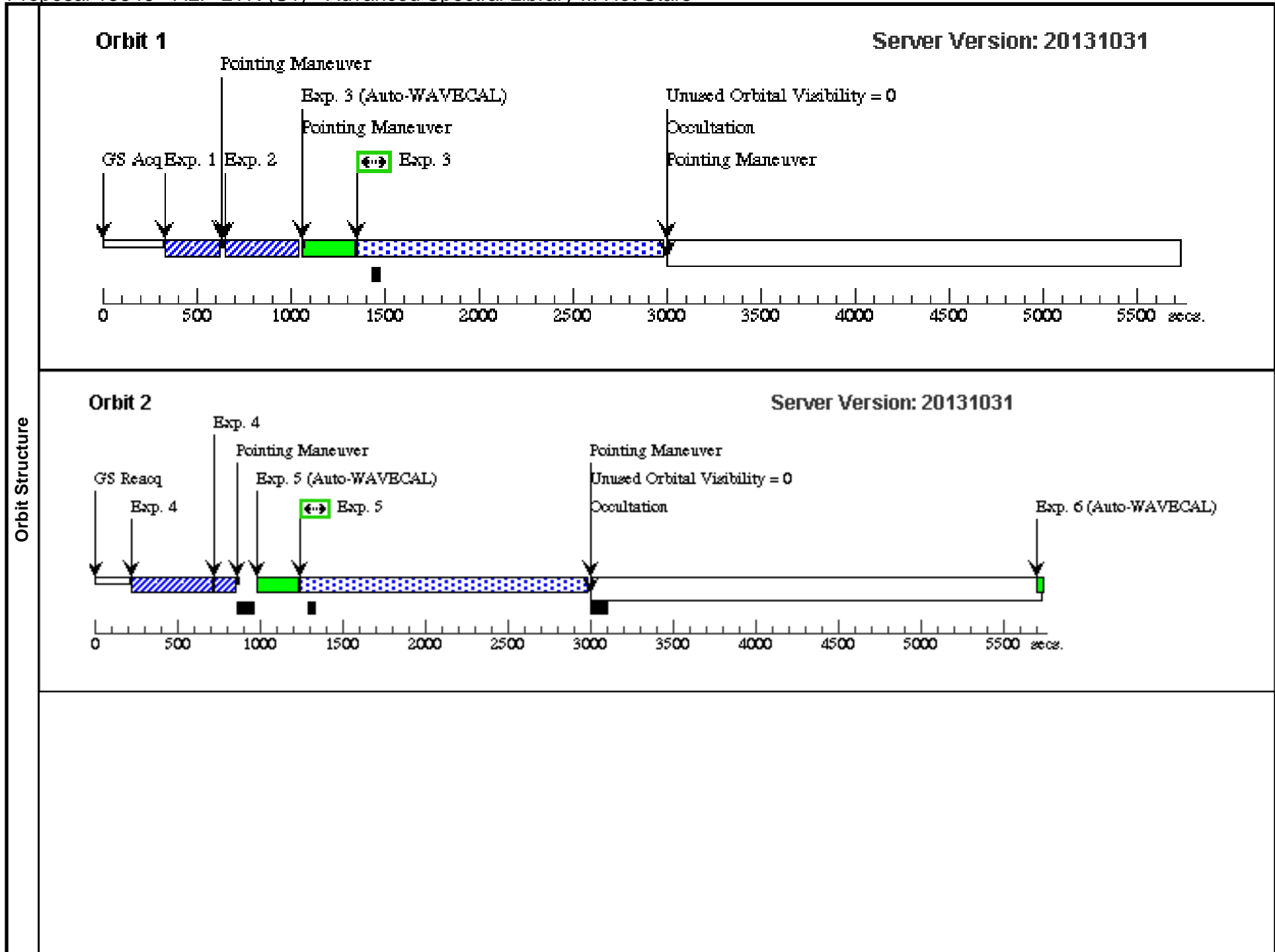




Proposal 13346 - ALP-LYR (S1) - Advanced Spectral Library II: Hot Stars

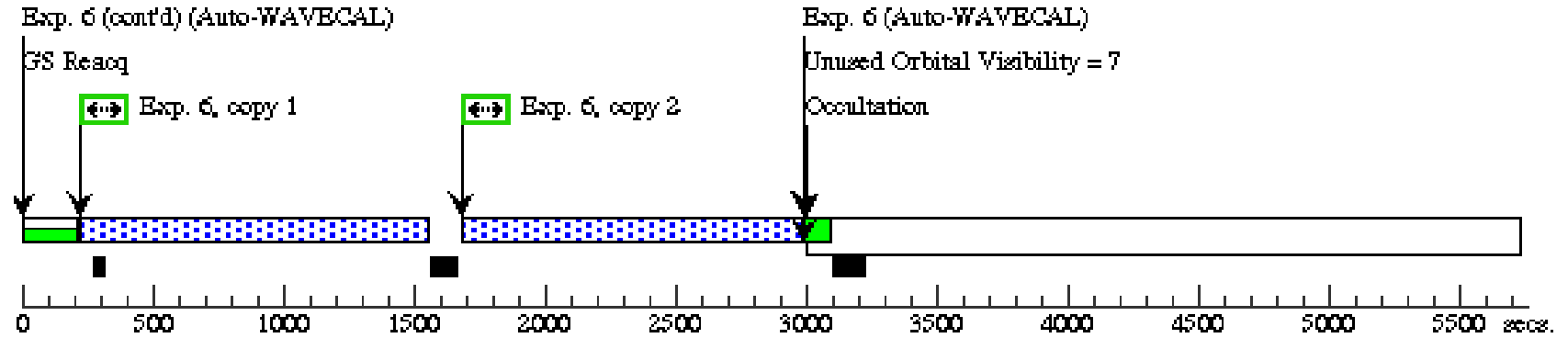
Mon Mar 17 01:21:24 GMT 2014

Visit	Proposal 13346, ALP-LYR (S1), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(19)	ALP-LYR	RA: 18 36 56.3360 (279.2347333d)	Proper Motion RA: +201 mas/yr	V=0.03+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-172167	Dec: +38 47 1.28 (38.78369d)	Proper Motion Dec: +286 mas/yr						
		Alt Name2: VEGA	Equinox: J2000	Parallax: 0.130"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 486)	(19) ALP-LYR	STIS/CCD, ACQ, F25ND5	MIRROR				0.3 Secs (0.3 Secs)	
									[==>]	[1]
		Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 0.03 in magnitudes relative to Vega 32,727 e- (box of 3 x 3 pixels)								
	2	(STIS.sp.51 5482)	(19) ALP-LYR	STIS/CCD, ACQ/PEAK, 31X0.05NDC	G430M 4451 A				0.1 Secs (0.1 Secs)	
									[==>]	[1]
		Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 0.03 in magnitudes relative to Vega Aperture: 52X0.05 (83,531,761 e-) x0.05= 4,177,000 for NDC								
	3	(STIS.sp.51 6423)	(19) ALP-LYR	STIS/FUV-MAMA, ACCUM, 31X0.05NDC	E140H 1234 A				1561 Secs (1561 Secs)	
									[==>]	[1]
		Comments: H-1271 1561 NDC 2,868,578 x0.05= 143,000 STIS.sp.516423 PHT=>NDC (TRA:174K) (actual:216K) !!!								
4	(STIS.sp.51 5482)	(19) ALP-LYR	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430M 4451 A				0.1 Secs (0.1 Secs)		
								[==>]	[2]	
	Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 0.03 in magnitudes relative to Vega Aperture: 52X0.05 (83,531,761 e-) x0.01= 835,000 for ND2									
5	(STIS.sp.51 5815)	(19) ALP-LYR	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1598 A				1699 Secs (1699 Secs)		
								[==>]	[2]	
	Comments: H-1598 1699 ND2 33,398 STIS.sp.515815 (TRA: 50K)									
6	(STIS.sp.51 5816)	(19) ALP-LYR	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 1763 A				1289 Secs X 2 (2578 Secs)		
								[==>(Copy 1)]	[3]	
								[==>(Copy 2)]		
	Comments: H-1763 2578 ND2 57,132 STIS.sp.515816 (TRA: 64K)									
7	(STIS.sp.51 5817)	(19) ALP-LYR	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2013 A				1292 Secs X 2 (2584 Secs)		
								[==>(Copy 1)]	[4]	
								[==>(Copy 2)]		
	Comments: H-2013 2584 ND2 100,124 STIS.sp.515817 (TRA:113K)									



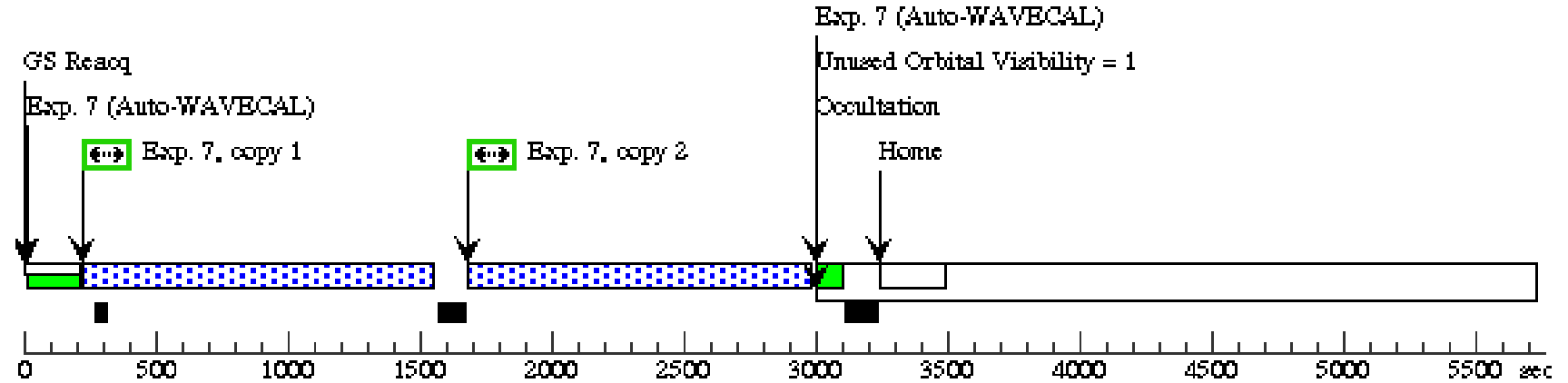
Orbit 3

Server Version: 20131031



Orbit 4

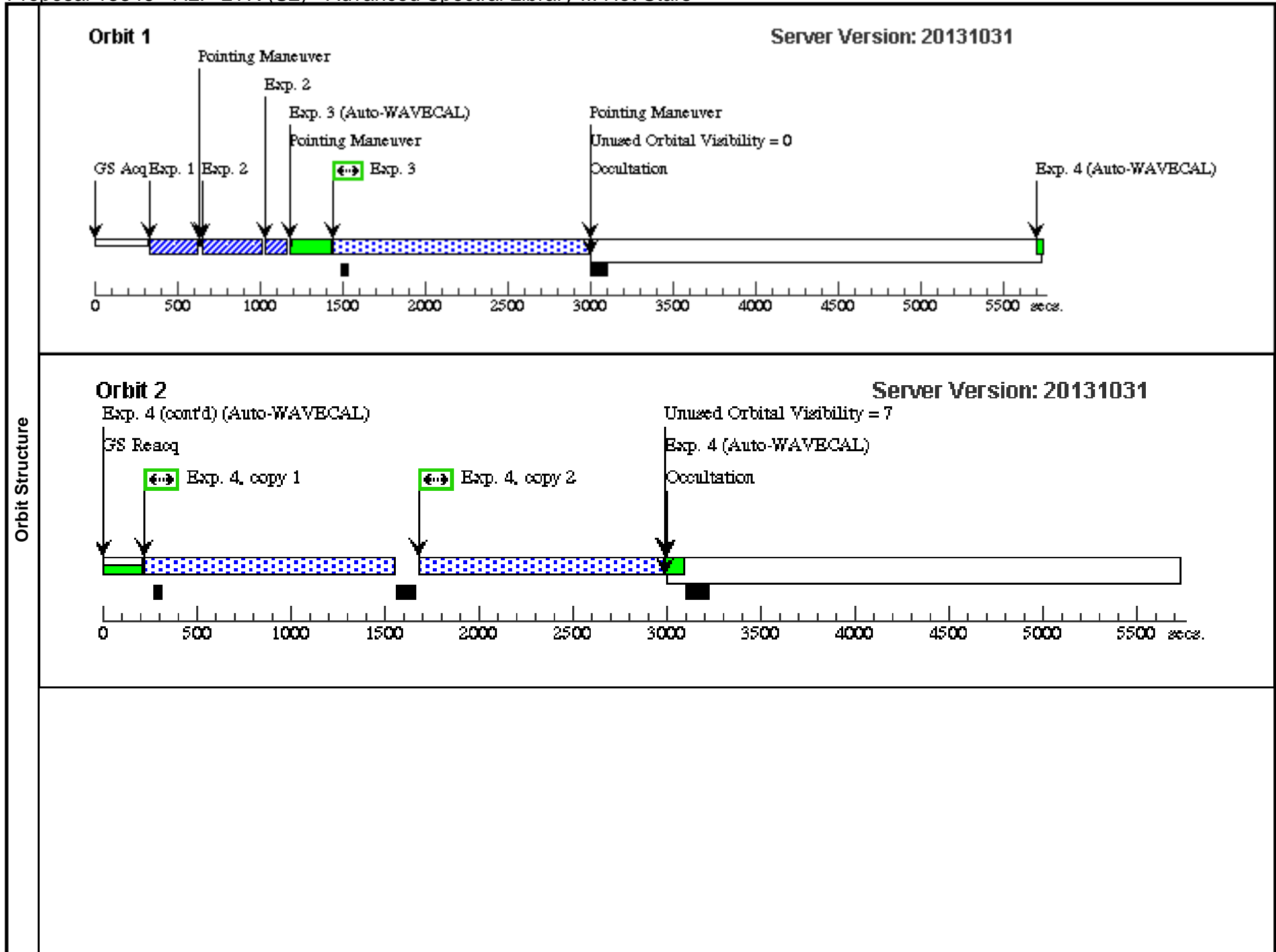
Server Version: 20131031



Proposal 13346 - ALP-LYR (S2) - Advanced Spectral Library II: Hot Stars

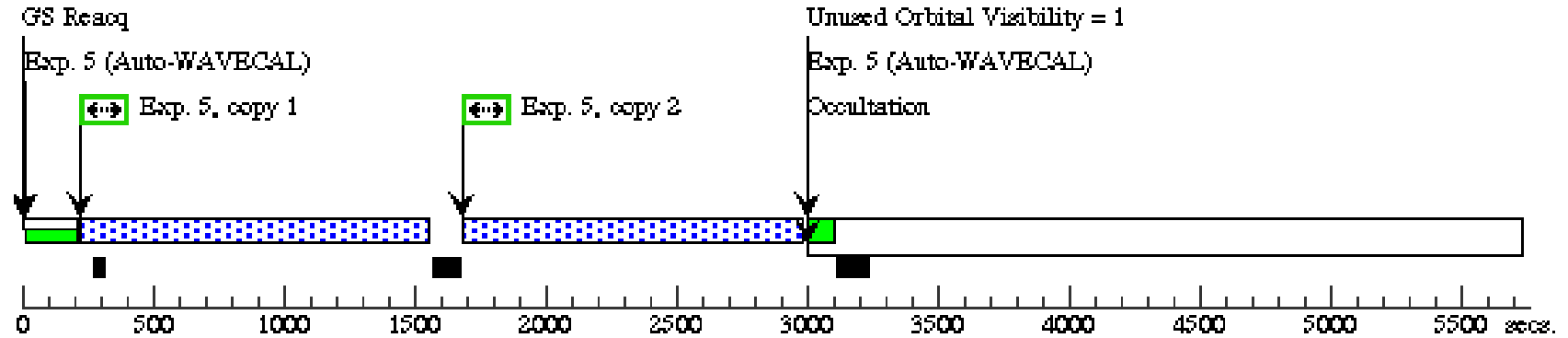
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Visit	Proposal 13346, ALP-LYR (S2), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(19)	ALP-LYR	RA: 18 36 56.3360 (279.2347333d) Alt Name1: HD-172167 Alt Name2: VEGA	Dec: +38 47 1.28 (38.78369d) Equinox: J2000	Proper Motion RA: +201 mas/yr Proper Motion Dec: +286 mas/yr Parallax: 0.130" Epoch of Position: 2000	V=0.03+/-0.1	Reference Frame: ICRS			
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 486)	(19) ALP-LYR	STIS/CCD, ACQ, F25ND5	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
	<i>Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 0.03 in magnitudes relative to Vega 32,727 e- (box of 3 x 3 pixels)</i>									
	2	(STIS.sp.51 5482)	(19) ALP-LYR	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430M 4451 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 0.03 in magnitudes relative to Vega Aperture: 52X0.05 (83,531,761 e-) x0.01 = 835,000 for ND2</i>									
	3	(STIS.sp.51 5814)	(19) ALP-LYR	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1416 A				1501 Secs (1501 Secs) [==>]	[1]
	<i>Comments: H-1416 1501 ND2 69,962 STIS.sp.515814 (TRA: 94K)</i>									
	4	(STIS.sp.51 5818)	(19) ALP-LYR	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2263 A				1289 Secs X 2 (2578 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: H-2263 2578 ND2 141,996 STIS.sp.515818 (TRA:146K)</i>										
5	(STIS.sp.51 5819)	(19) ALP-LYR	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2463 A				1292 Secs X 2 (2584 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: H-2463 2584 ND2 177,658 STIS.sp.515819 (TRA:169K)</i>										
6	(STIS.sp.51 5821)	(19) ALP-LYR	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2713 A				1292 Secs X 2 (2584 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
<i>Comments: H-2713 2584 ND2 212,934 STIS.sp.515821 (TRA:183K) !!!!</i>										



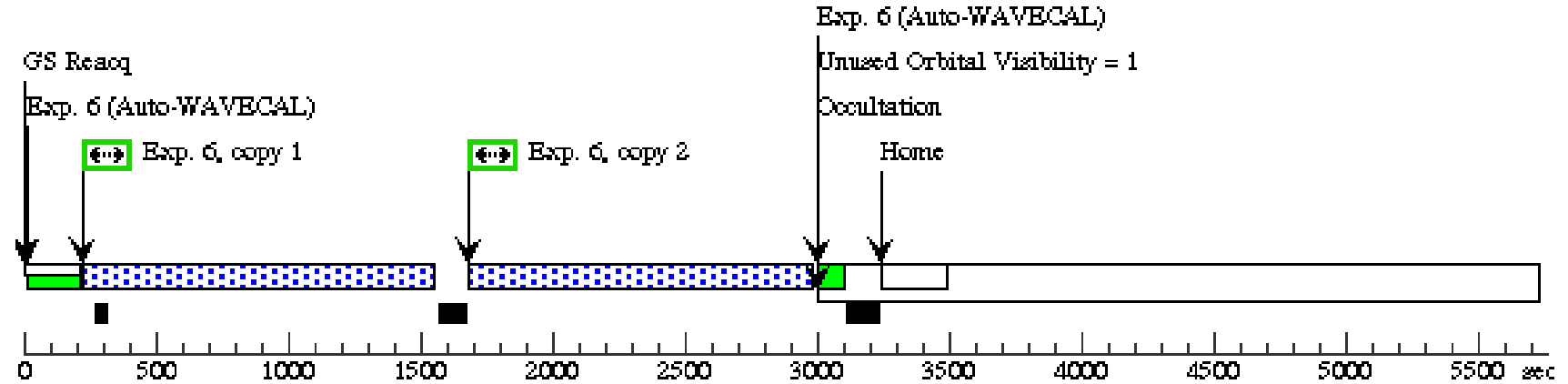
Orbit 3

Server Version: 20131031



Orbit 4

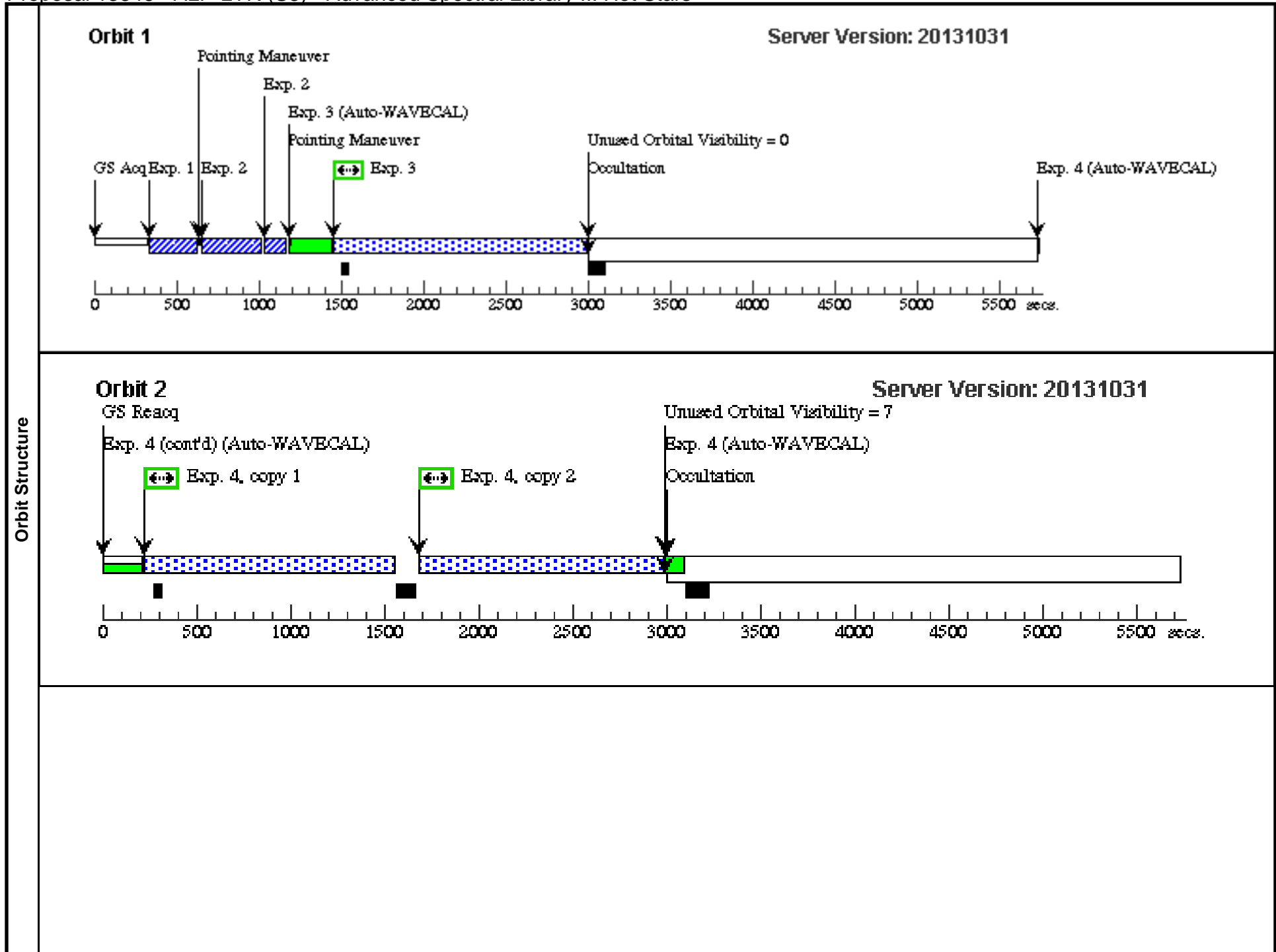
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Proposal 13346 - ALP-LYR (S3) - Advanced Spectral Library II: Hot Stars

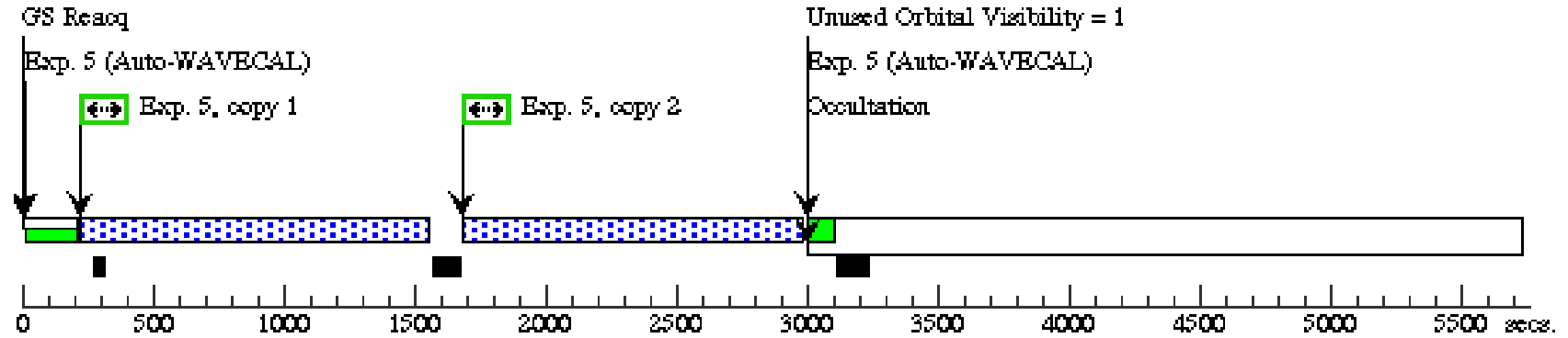
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Visit	Proposal 13346, ALP-LYR (S3), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(19)	ALP-LYR	RA: 18 36 56.3360 (279.2347333d)	Proper Motion RA: +201 mas/yr	V=0.03+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-172167	Dec: +38 47 1.28 (38.78369d)	Proper Motion Dec: +286 mas/yr						
		Alt Name2: VEGA	Equinox: J2000	Parallax: 0.130"						
				Epoch of Position: 2000						
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 486)	(19) ALP-LYR	STIS/CCD, ACQ, F25ND5	MIRROR				0.3 Secs (0.3 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models A0V 9549.93K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 0.03 in magnitudes relative to Vega</i> <i>32,727 e- (box of 3 x 3 pixels)</i>								
	2	(STIS.sp.51 5482)	(19) ALP-LYR	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430M 4451 A				0.1 Secs (0.1 Secs)	
								[==>]	[1]	
		<i>Comments: Pickles Models A0V 9549.93K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 0.03 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(83,531,761 e-) x0.01 = 835,000 for ND2</i>								
	3	(STIS.sp.51 5817)	(19) ALP-LYR	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2013 A				1491 Secs (1491 Secs)	
								[==>]	[1]	
		<i>Comments: H-2013 1491 ND2 100,124 STIS.sp.515817 (TRA:113K)</i>								
	4	(STIS.sp.51 5820)	(19) ALP-LYR	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2513 A				1289 Secs X 2 (2578 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[2]	
		<i>Comments: H-2513 2578 ND2 185,628 STIS.sp.515820 (TRA:180K)</i>								
	5	(STIS.sp.51 5821)	(19) ALP-LYR	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2713 A				1292 Secs X 2 (2584 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[3]	
		<i>Comments: H-2713 2584 ND2 212,934 STIS.sp.515821 (TRA:183K) !!!!</i>								
	6	(STIS.sp.51 5822)	(19) ALP-LYR	STIS/NUV-MAMA, ACCUM, 0.2X0.05ND	E230H 2912 A				1292 Secs X 2 (2584 Secs)	
								[==>(Copy 1)] [==>(Copy 2)]	[4]	
		<i>Comments: H-2912 2584 ND2 161,786 STIS.sp.515822 (TRA:140K)</i>								



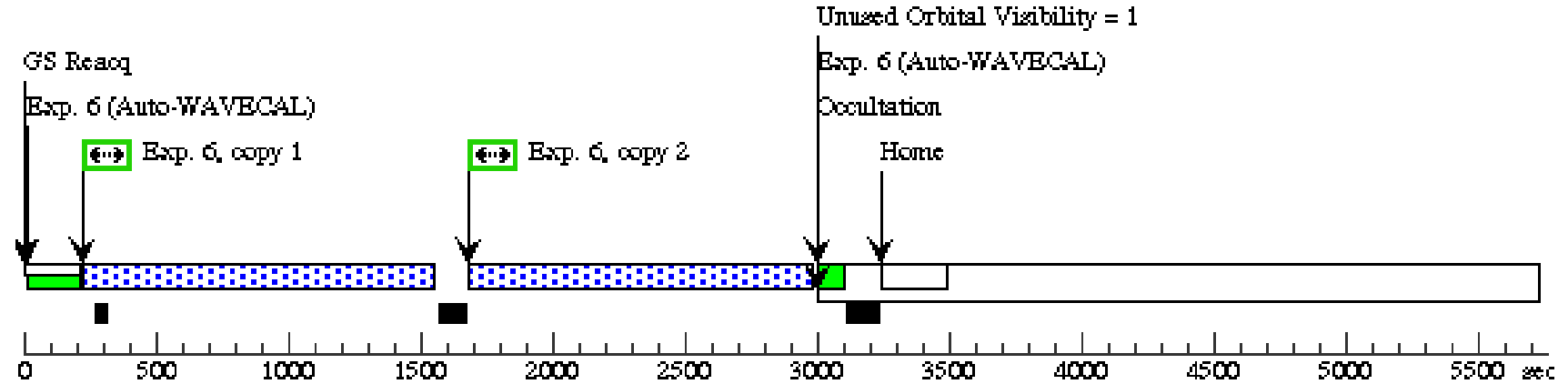
Orbit 3

Server Version: 20131031



Orbit 4

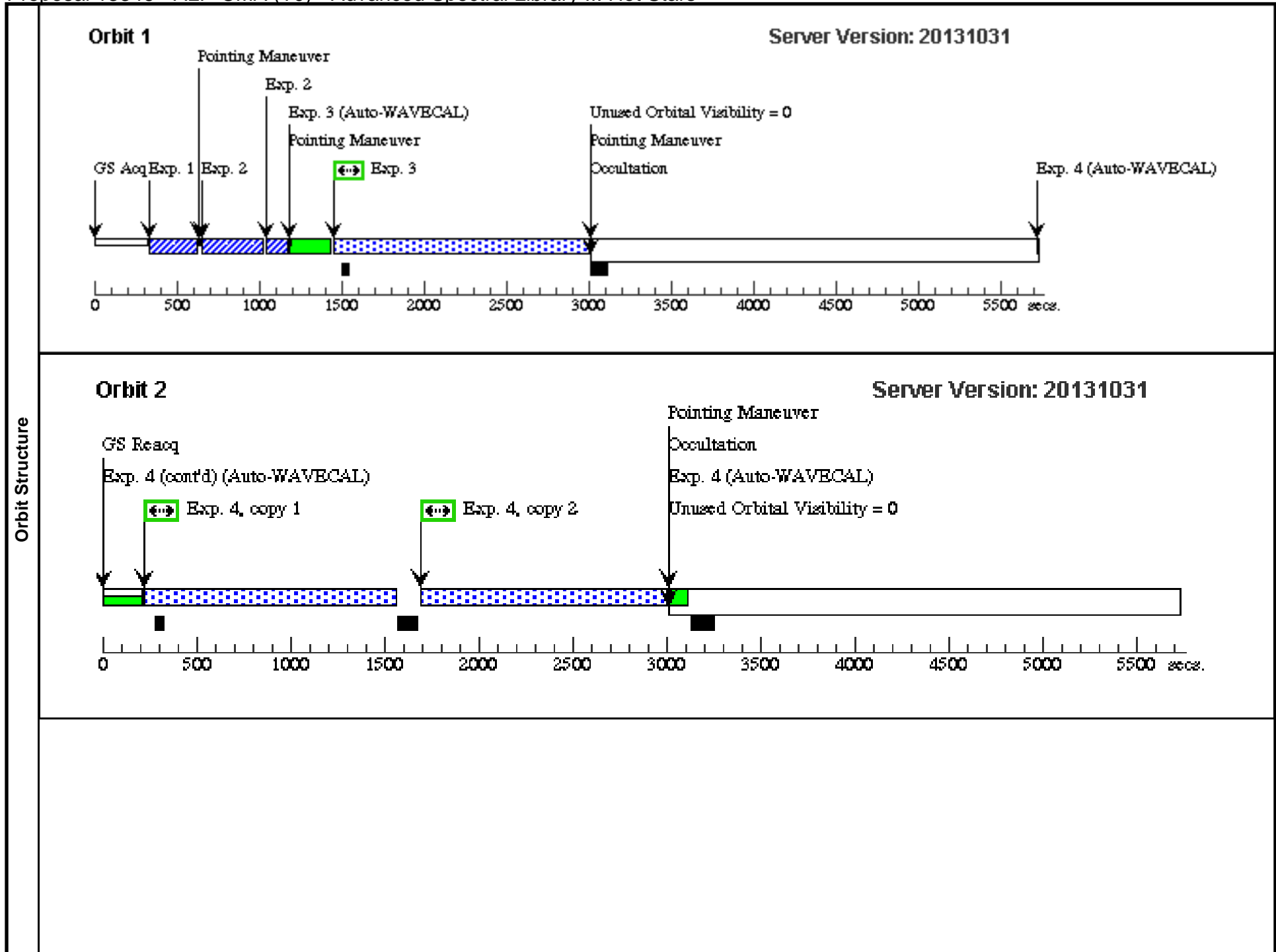
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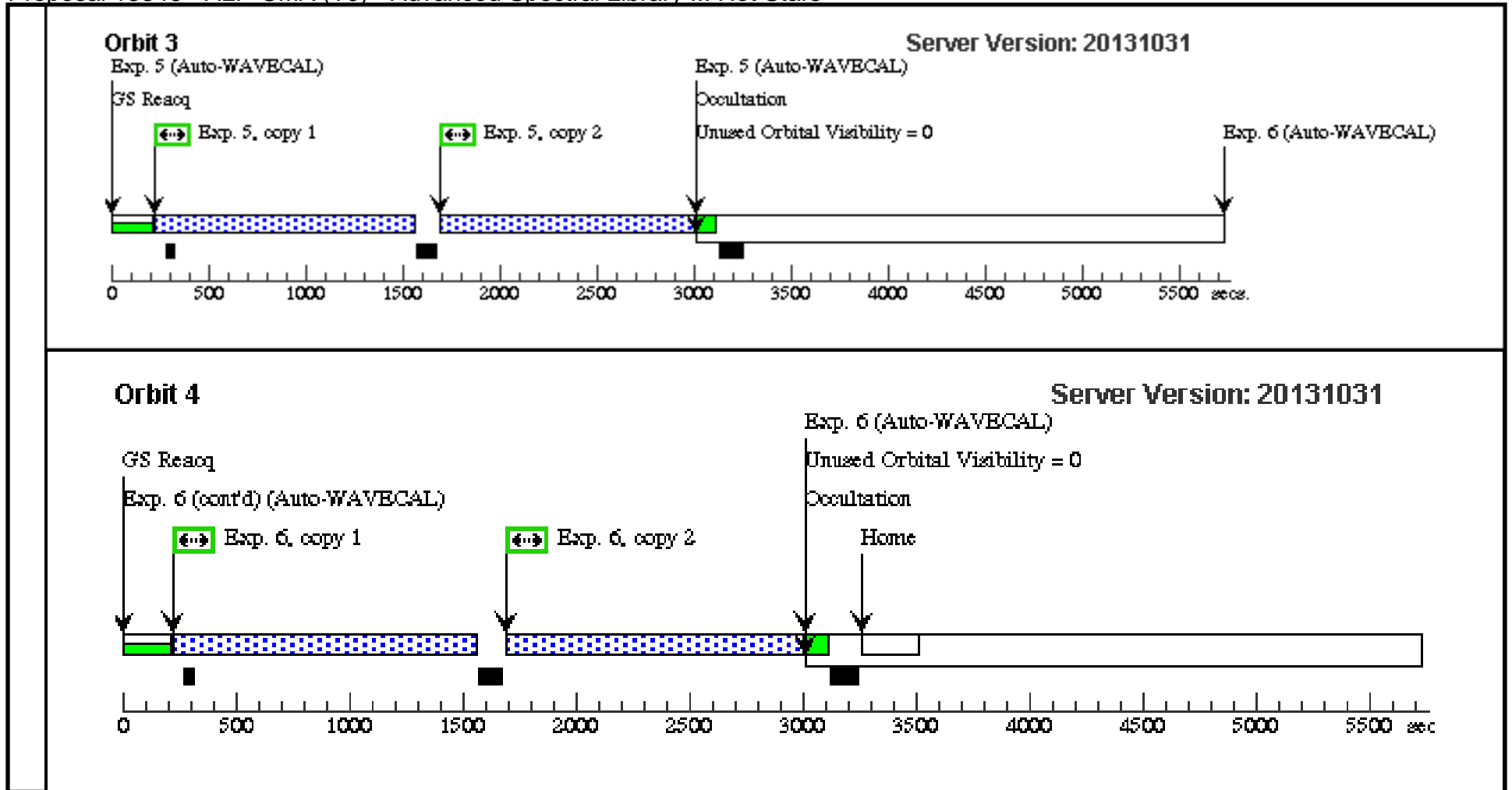


Proposal 13346 - ALP-CMA (T0) - Advanced Spectral Library II: Hot Stars

Mon Mar 17 01:21:27 GMT 2014

Visit	Proposal 13346, ALP-CMA (T0), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%																																																																																																																																																																																																																																					
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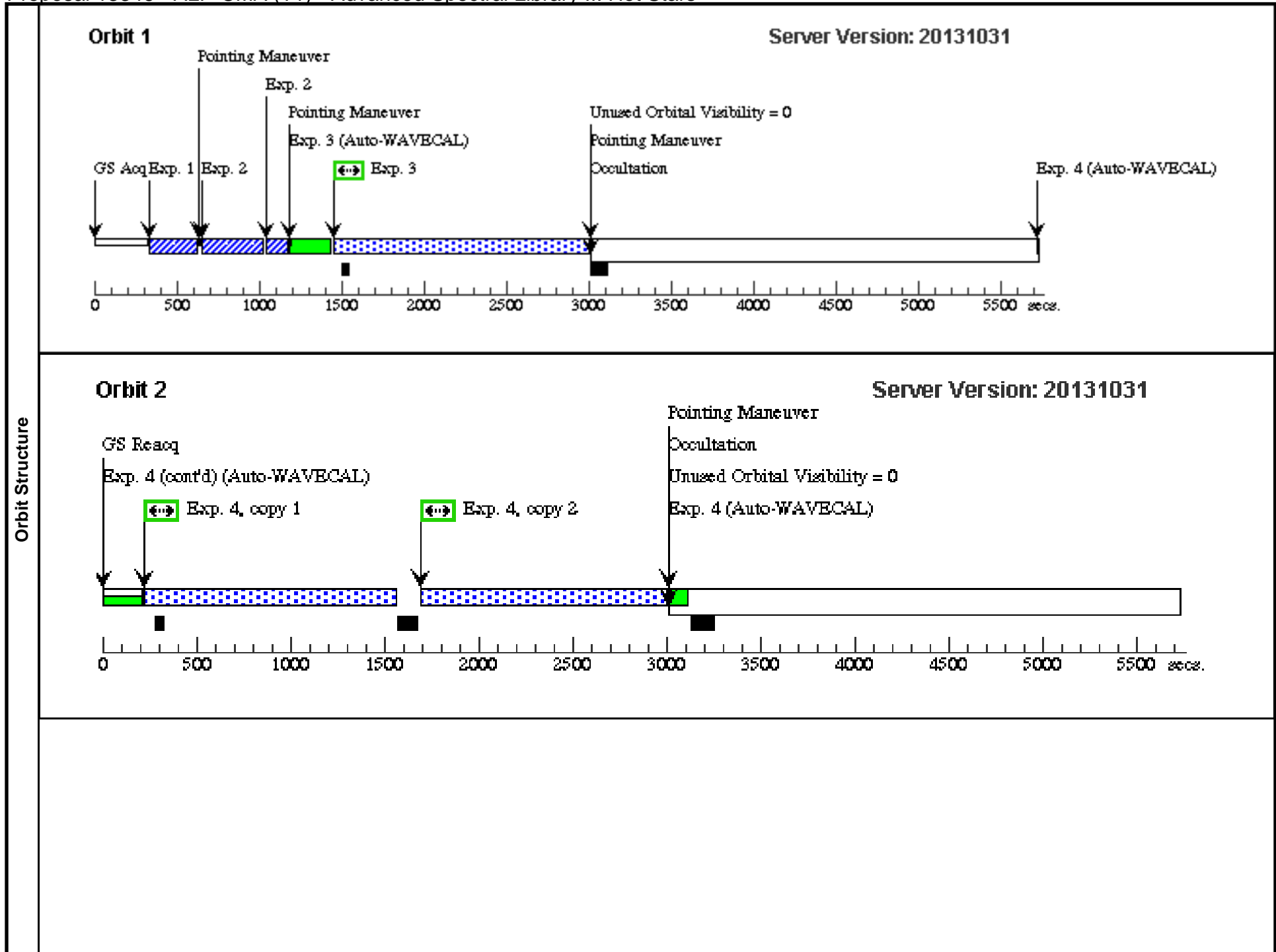


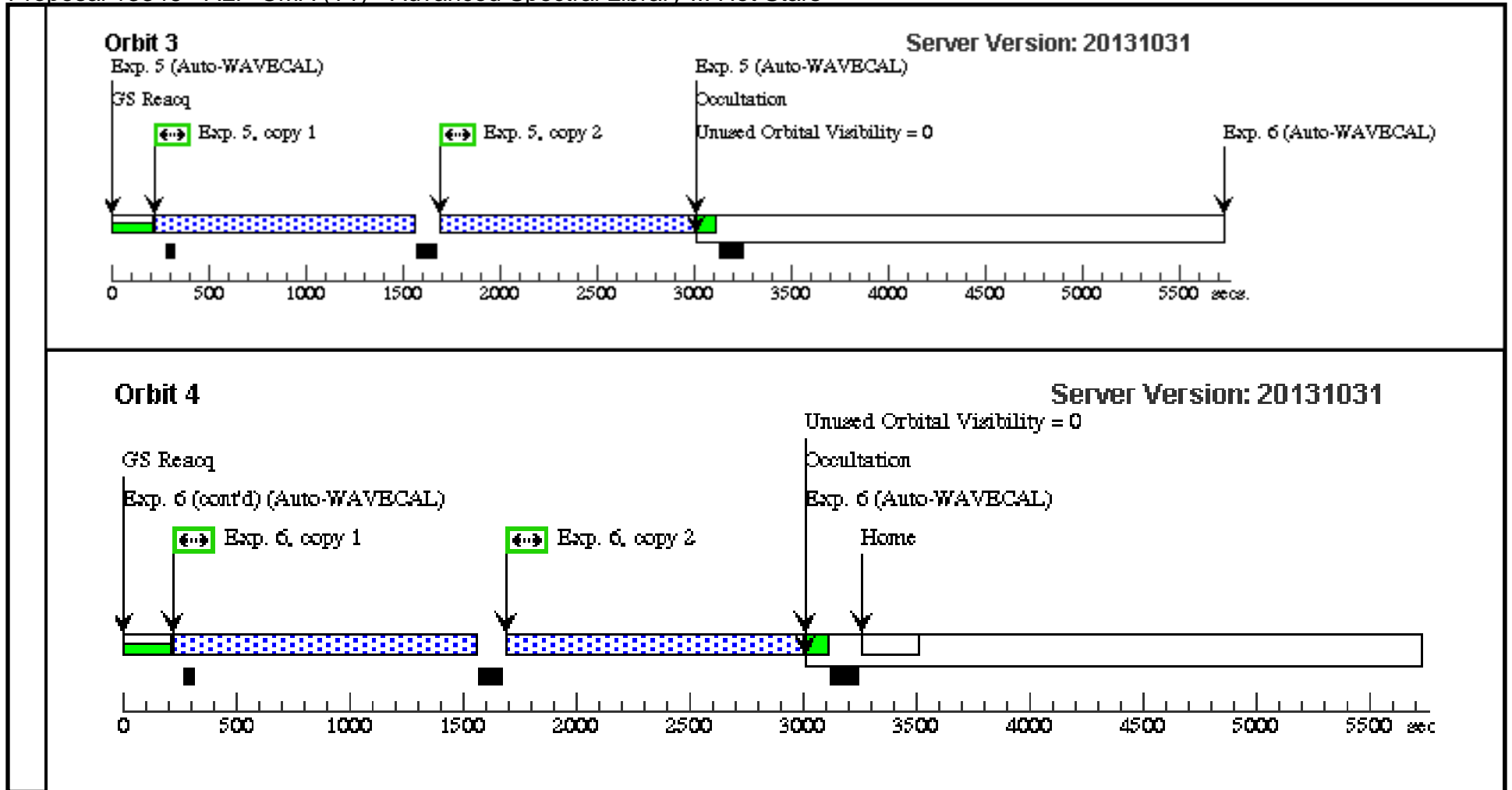


Proposal 13346 - ALP-CMA (T1) - Advanced Spectral Library II: Hot Stars

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Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(STIS.ta.515 489)</td> <td>(20) ALP-CMA</td> <td>STIS/CCD, ACQ, F25ND5</td> <td>MIRROR</td> <td></td> <td></td> <td></td> <td>0.1 Secs (0.1 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"> <i>Comments: Pickles Models A0V 9549.93K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = -1.47 in magnitudes relative to Vega</i> <i>43,430 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.65 seconds</i> </td> </tr> <tr> <td>2</td> <td>(STIS.sp.51 5488)</td> <td>(20) ALP-CMA</td> <td>STIS/CCD, ACQ/PEAK, 0.3X0.05ND</td> <td>G430M 4451 A</td> <td></td> <td></td> <td></td> <td>0.3 Secs (0.3 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"> <i>Comments: Pickles Models A0V 9549.93K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = -1.47 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(332,545,933 e-) x0.001= 333,000 for ND3</i> <i>the peakup is in ND3; the following exposure is ND2, but the subsequent 3 exps are ND3</i> <i>teexp increased from 0.1s to 0.3s to improve CR</i> </td> </tr> <tr> <td>3</td> <td>(STIS.sp.51 5806)</td> <td>(20) ALP-CMA</td> <td>STIS/FUV-MAMA, ACCUM, 0.2X0.05ND</td> <td>E140H 1271 A</td> <td></td> <td></td> <td></td> <td>1500 Secs (1500 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"> <i>Comments: H-1271 1504 ND2 81,066 STIS.sp.515806 (TRA:119K)</i> </td> </tr> <tr> <td>4</td> <td>(STIS.sp.51 5807)</td> <td>(20) ALP-CMA</td> <td>STIS/FUV-MAMA, ACCUM, 0.3X0.05ND</td> <td>E140M 1425 A</td> <td></td> <td></td> <td></td> <td>1296 Secs X 2 (2592 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 1)]</td> <td>[2]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 2)]</td> <td></td> </tr> <tr> <td colspan="10"> <i>Comments: M-1425 2592 ND3 42,854 STIS.sp.515807 (TRA: 51K)</i> </td> </tr> <tr> <td>5</td> <td>(STIS.sp.51 5808)</td> <td>(20) ALP-CMA</td> <td>STIS/NUV-MAMA, ACCUM, 0.3X0.05ND</td> <td>E230M 1978 A</td> <td></td> <td></td> <td></td> <td>1296 Secs X 2 (2592 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 1)]</td> <td>[3]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 2)]</td> <td></td> </tr> <tr> <td colspan="10"> <i>Comments: M-1978 2592 ND3 104,219 STIS.sp.515808 (TRA:106K)</i> </td> </tr> <tr> <td>6</td> <td>(STIS.sp.51 5809)</td> <td>(20) ALP-CMA</td> <td>STIS/NUV-MAMA, ACCUM, 0.3X0.05ND</td> <td>E230H 2713 A</td> <td></td> <td></td> <td></td> <td>1297 Secs X 2 (2594 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 1)]</td> <td>[4]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>(Copy 2)]</td> <td></td> </tr> <tr> <td colspan="10"> <i>Comments: H-2713 2594 ND3 93,442 STIS.sp.515809 (TRA: 82K)</i> </td> </tr> </tbody> </table>										#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(STIS.ta.515 489)	(20) ALP-CMA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)										[==>]	[1]	<i>Comments: Pickles Models A0V 9549.93K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = -1.47 in magnitudes relative to Vega</i> <i>43,430 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 0.65 seconds</i>										2	(STIS.sp.51 5488)	(20) ALP-CMA	STIS/CCD, ACQ/PEAK, 0.3X0.05ND	G430M 4451 A				0.3 Secs (0.3 Secs)										[==>]	[1]	<i>Comments: Pickles Models A0V 9549.93K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = -1.47 in magnitudes relative to Vega</i> <i>Aperture: 52X0.05</i> <i>(332,545,933 e-) x0.001= 333,000 for ND3</i> <i>the peakup is in ND3; the following exposure is ND2, but the subsequent 3 exps are ND3</i> <i>teexp increased from 0.1s to 0.3s to improve CR</i>										3	(STIS.sp.51 5806)	(20) ALP-CMA	STIS/FUV-MAMA, ACCUM, 0.2X0.05ND	E140H 1271 A				1500 Secs (1500 Secs)										[==>]	[1]	<i>Comments: H-1271 1504 ND2 81,066 STIS.sp.515806 (TRA:119K)</i>										4	(STIS.sp.51 5807)	(20) ALP-CMA	STIS/FUV-MAMA, ACCUM, 0.3X0.05ND	E140M 1425 A				1296 Secs X 2 (2592 Secs)										[==>(Copy 1)]	[2]									[==>(Copy 2)]		<i>Comments: M-1425 2592 ND3 42,854 STIS.sp.515807 (TRA: 51K)</i>										5	(STIS.sp.51 5808)	(20) ALP-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230M 1978 A				1296 Secs X 2 (2592 Secs)										[==>(Copy 1)]	[3]									[==>(Copy 2)]		<i>Comments: M-1978 2592 ND3 104,219 STIS.sp.515808 (TRA:106K)</i>										6	(STIS.sp.51 5809)	(20) ALP-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230H 2713 A				1297 Secs X 2 (2594 Secs)										[==>(Copy 1)]	[4]									[==>(Copy 2)]		<i>Comments: H-2713 2594 ND3 93,442 STIS.sp.515809 (TRA: 82K)</i>									
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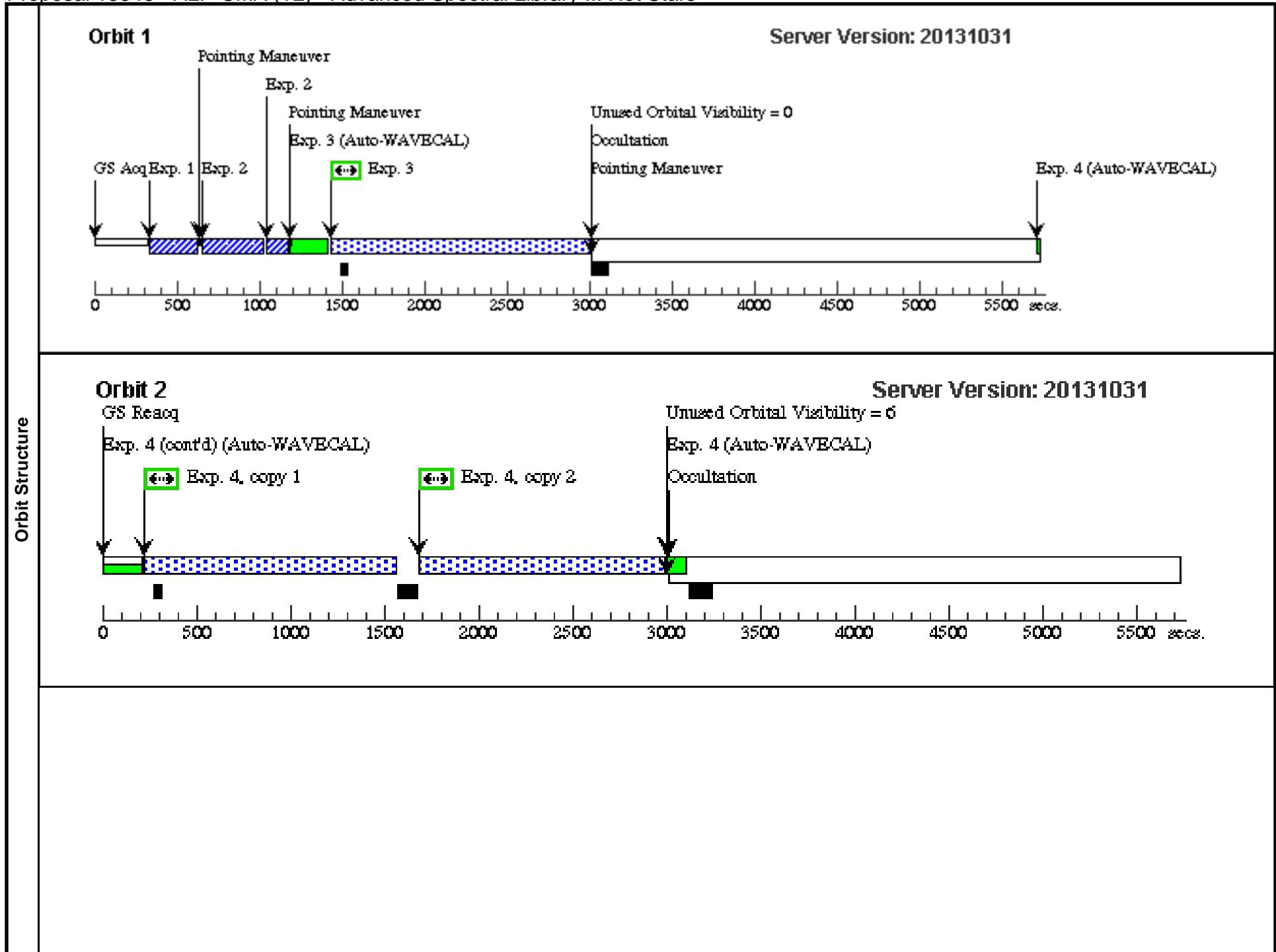




Proposal 13346 - ALP-CMA (T2) - Advanced Spectral Library II: Hot Stars

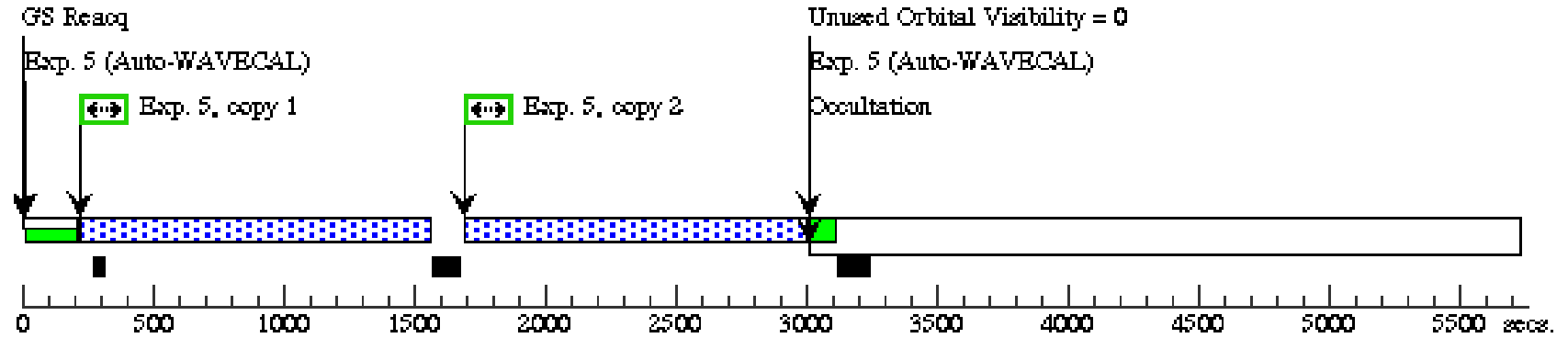
Mon Mar 17 01:21:29 GMT 2014

Visit	Proposal 13346, ALP-CMA (T2), scheduled Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(20)	ALP-CMA	RA: 06 45 8.2820 (101.2845083d)	Proper Motion RA: -638 mas/yr	V=-1.47+/-0.1	Reference Frame: ICRS				
		Alt Name1: HD-48915	Dec: -16 43 12.15 (-16.72004d)	Proper Motion Dec: -1378 mas/yr						
		Alt Name2: SIRIUS	Equinox: J2000	Parallax: 0.379"						
				Epoch of Position: 2011.748						
	<i>Comments: The coordinates for epoch 2011.748, and the proper motion vector, which includes the COM motion and the orbital component of A, were shamelessly lifted from the Phase II of GO-12682. The Phase II for GO-12981 provides similar, though not identical, values; and apparently was done independently of the other program. Given where A currently is in its orbit, the extra component to account for the orbital motion should be valid throughout Cycle 21.</i>									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 489)	(20) ALP-CMA	STIS/CCD, ACQ, F25ND5	MIRROR				0.1 Secs (0.1 Secs)	
								[==>]	[1]	
	<i>Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = -1.47 in magnitudes relative to Vega 43,430 e- (box of 3 x 3 pixels) Time to Saturation (for a single exposure) = 0.65 seconds</i>									
	2	(STIS.sp.51 5488)	(20) ALP-CMA	STIS/CCD, ACQ/PEAK, 0.3X0.05ND	G430M 4451 A				0.3 Secs (0.3 Secs)	
								[==>]	[1]	
	<i>Comments: Pickles Models A0V 9549.93K Extinction E(B-V): None Normalization: Renormalized to Johnson V = -1.47 in magnitudes relative to Vega Aperture: 52X0.05 (332,545,933 e-) x0.001= 333,000 for ND3 the peakup is in ND3; the following exposure is ND2, but the subsequent 3 exps are ND3 texp increased from 0.1s to 0.3s to improve CR</i>									
	3	(STIS.sp.51 5807)	(20) ALP-CMA	STIS/FUV-MAMA, ACCUM, 0.3X0.05ND	E140M 1425 A				1519 Secs (1519 Secs)	
								[==>]	[1]	
	<i>Comments: M-1425 1523 ND3 42,854 STIS.sp.515807 (TRA: 51K)</i>									
	4	(STIS.sp.51 5810)	(20) ALP-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230H 2463 A				1294 Secs X 2 (2588 Secs)	
								[==>(Copy 1)]	[2]	
								[==>(Copy 2)]		
	<i>Comments: H-2463 2588 ND3 68,563 STIS.sp.515810 (TRA: 65K)</i>									
	5	(STIS.sp.51 5811)	(20) ALP-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230H 2513 A				1297 Secs X 2 (2594 Secs)	
								[==>(Copy 1)]	[3]	
								[==>(Copy 2)]		
	<i>Comments: H-2513 2594 ND3 73,971 STIS.sp.515811 (TRA: 72K)</i>									
	6	(STIS.sp.51 5812)	(20) ALP-CMA	STIS/NUV-MAMA, ACCUM, 0.3X0.05ND	E230H 2912 A				1297 Secs X 2 (2594 Secs)	
								[==>(Copy 1)]	[4]	
								[==>(Copy 2)]		
	<i>Comments: H-2912 2594 ND3 79,322 STIS.sp.515812 (TRA: 69K)</i>									



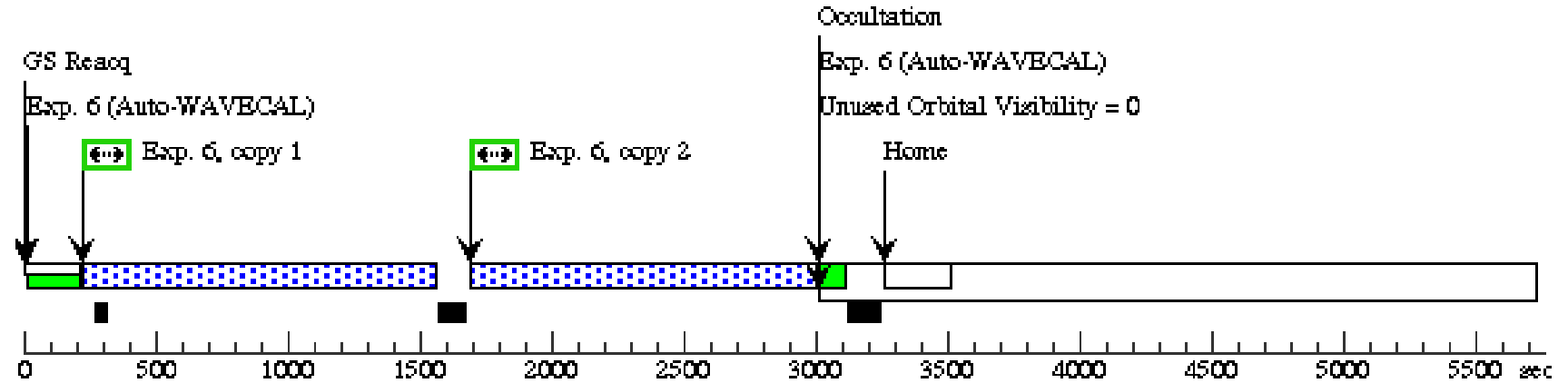
Orbit 3

Server Version: 20131031



Orbit 4

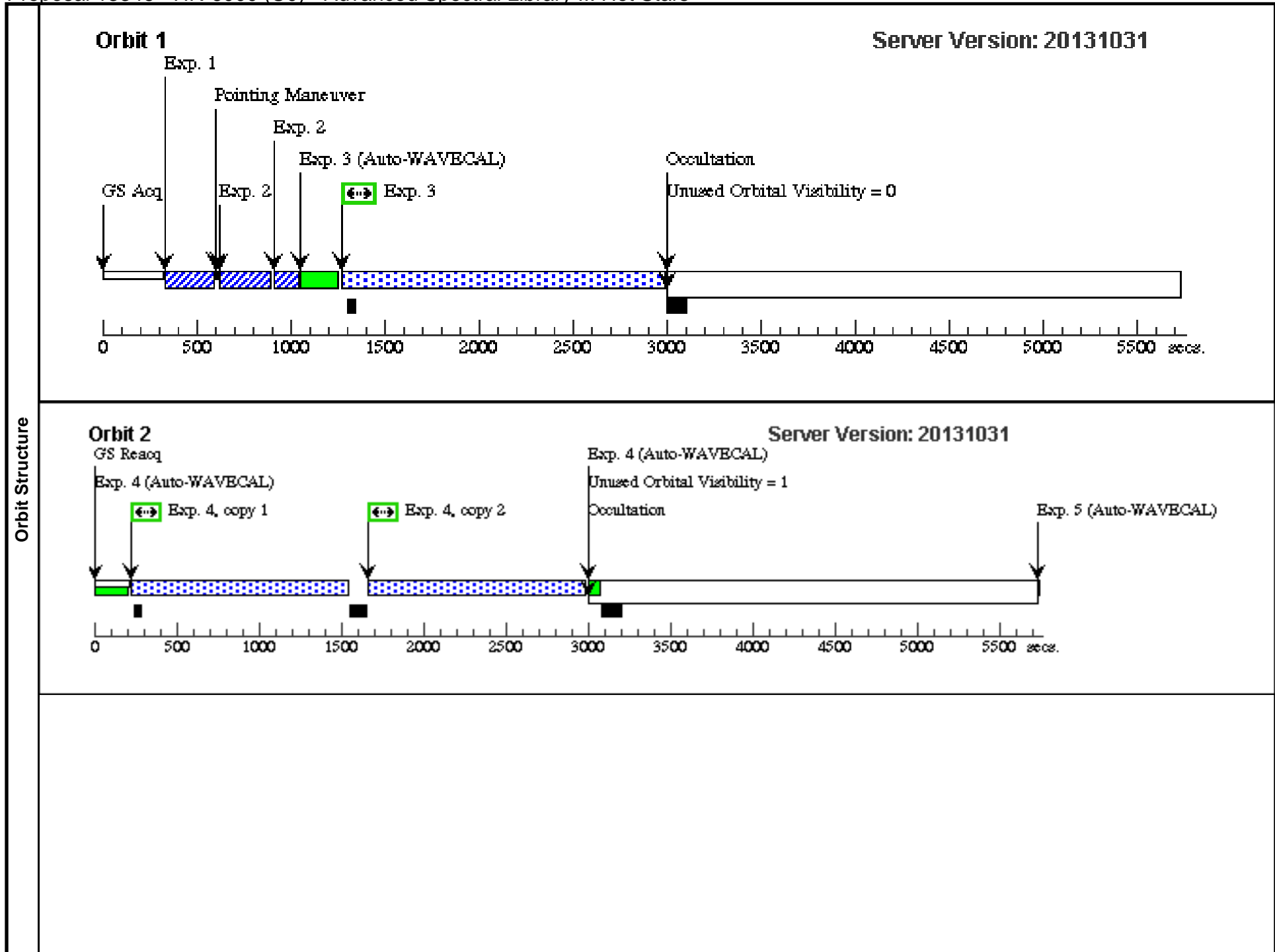
Server Version: 20131031



Proposal 13346 - HR-6000 (U0) - Advanced Spectral Library II: Hot Stars

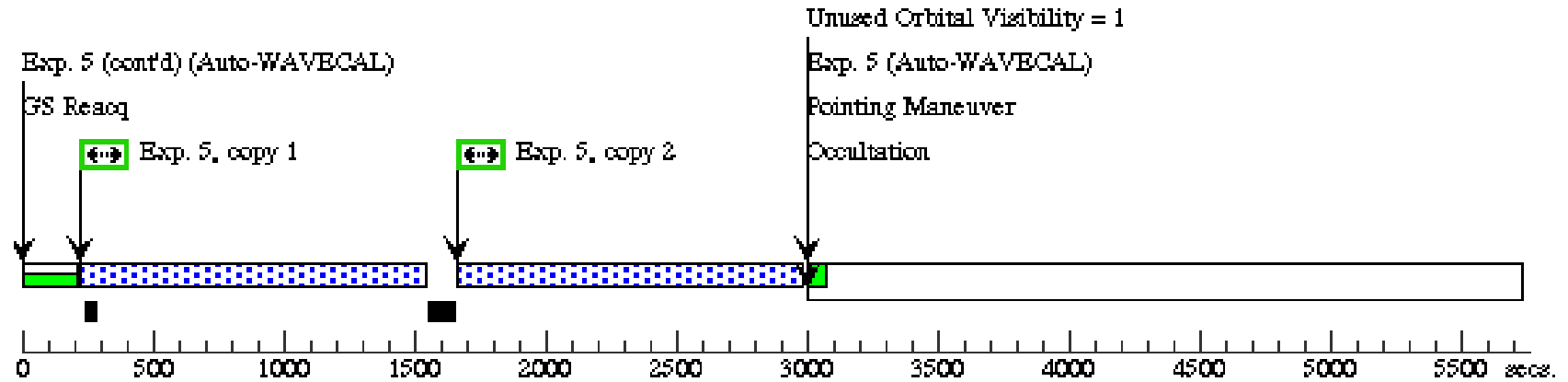
Mon Mar 17 01:21:29 GMT 2014

Visit	Proposal 13346, HR-6000 (U0), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(21)	HR-6000 Alt Name1: HD-144667	RA: 16 08 34.5630 (242.1440125d) Dec: -39 05 34.27 (-39.09285d) Equinox: J2000	Proper Motion RA: -6 mas/yr Proper Motion Dec: -22 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.630+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 495)	(21) HR-6000	STIS/CCD, ACQ, F28X500II	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.63 in magnitudes relative to Vega</i> <i>30,830 e- (box of 3 x 3 pixels)</i> <i>Time to Saturation (for a single exposure) = 2.06 seconds</i>									
	2	(STIS.sp.51 5490)	(21) HR-6000	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.63 in magnitudes relative to Vega</i> <i>1,142,516 e-</i>									
	3	(STIS.sp.51 6188)	(21) HR-6000	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140M 1425 A				1689 Secs (1689 Secs) [==>]	[1]
	<i>Comments: M-1425 1700 SPCH 182,130 x0.83= 151,000 STIS.sp.516188 PHT=>SPCH (TRA:177K)</i>									
	4	(STIS.sp.51 5800)	(21) HR-6000	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140H 1271 A				1307 Secs X 2 (2614 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: H-1271 2614 SPCH 52,153 STIS.sp.515800 (TRA: 79K)</i>										
5	(STIS.sp.51 5801)	(21) HR-6000	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2713 A				1307 Secs X 2 (2614 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: H-2713 2614 SPCH 128,966 STIS.sp.515801 (TRA:112K)</i>										
6	(STIS.sp.51 5490)	(21) HR-6000	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.4 Secs (0.4 Secs) [==>]	[4]	
<i>Comments: Pickles Models B9III 11091.8K</i> <i>Extinction E(B-V): None</i> <i>Normalization: Renormalized to Johnson V = 6.63 in magnitudes relative to Vega</i> <i>1,142,516 e- (0.2x0.09)</i> <i>JENK=>NDA texp increased from 0.1s to 0.4s to improve CR</i>										
7	(STIS.sp.51 6467)	(21) HR-6000	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230M 1978 A				1863 Secs (1863 Secs) [==>]	[4]	
<i>Comments: M-1978 2614 SPCM 209,678 STIS.sp.516467 (TRA:216K) !!! =>0.1x0.06 ??</i>										



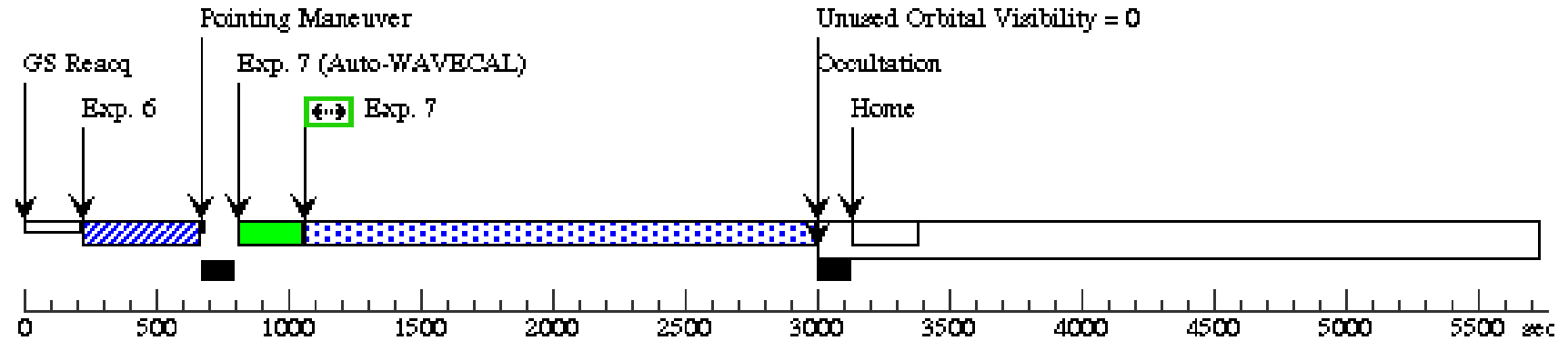
Orbit 3

Server Version: 20131031



Orbit 4

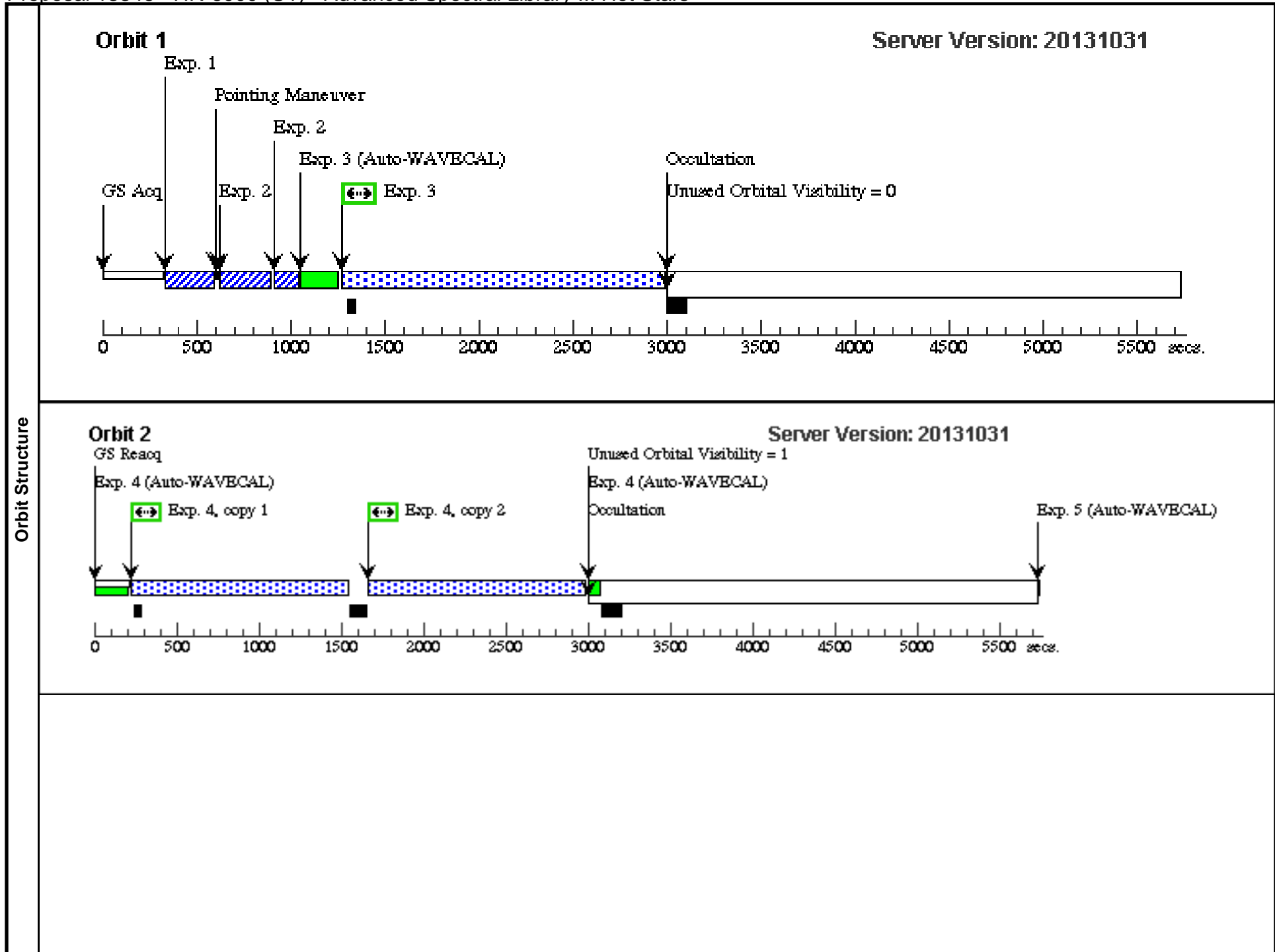
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Proposal 13346 - HR-6000 (U1) - Advanced Spectral Library II: Hot Stars

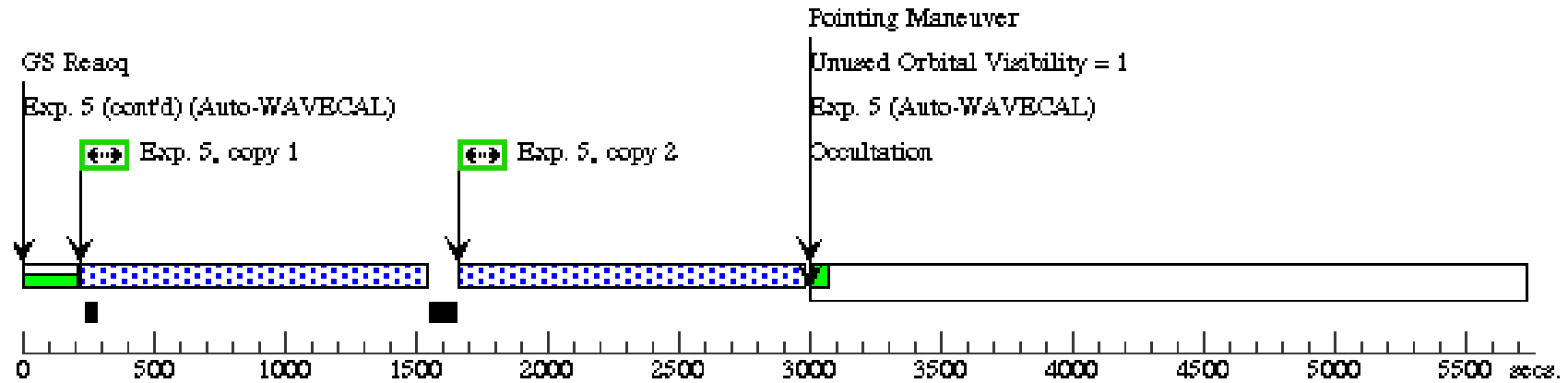
Mon Mar 17 01:21:30 GMT 2014

Visit	Proposal 13346, HR-6000 (U1), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(21)	HR-6000 Alt Name1: HD-144667	RA: 16 08 34.5630 (242.1440125d) Dec: -39 05 34.27 (-39.09285d) Equinox: J2000	Proper Motion RA: -6 mas/yr Proper Motion Dec: -22 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.630+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 495)	(21) HR-6000	STIS/CCD, ACQ, F28X500II	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.63 in magnitudes relative to Vega 30,830 e- (box of 3 x 3 pixels) Time to Saturation (for a single exposure) = 2.06 seconds</i>									
	2	(STIS.sp.51 5490)	(21) HR-6000	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.63 in magnitudes relative to Vega 1,142,516 e-</i>									
	3	(STIS.sp.51 6188)	(21) HR-6000	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140M 1425 A				1689 Secs (1689 Secs) [==>]	[1]
	<i>Comments: M-1425 1700 SPCH 182,130 x0.83= 151,000 STIS.sp.516188 PHT=>SPCH (TRA:177K)</i>									
	4	(STIS.sp.51 5800)	(21) HR-6000	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140H 1271 A				1307 Secs X 2 (2614 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
	<i>Comments: H-1271 2614 SPCH 52,153 STIS.sp.515800 (TRA: 79K)</i>									
5	(STIS.sp.51 5801)	(21) HR-6000	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2713 A				1307 Secs X 2 (2614 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: H-2713 2614 SPCH 128,966 STIS.sp.515801 (TRA:112K)</i>										
6	(STIS.sp.51 5490)	(21) HR-6000	STIS/CCD, ACQ/PEAK, 31X0.05NDA	G430L 4300 A				0.4 Secs (0.4 Secs) [==>]	[4]	
<i>Comments: Pickles Models B9III 11091.8K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.63 in magnitudes relative to Vega 1,142,516 e- (0.2x0.09) JENK=>NDA texp increased from 0.1s to 0.4s to improve CR</i>										
7	(STIS.sp.51 6467)	(21) HR-6000	STIS/NUV-MAMA, ACCUM, 31X0.05NDA	E230M 1978 A				1863 Secs (1863 Secs) [==>]	[4]	
<i>Comments: M-1978 2614 SPCM 209,678 STIS.sp.516467 (TRA:216K) !!! =>0.1x0.06 ??</i>										



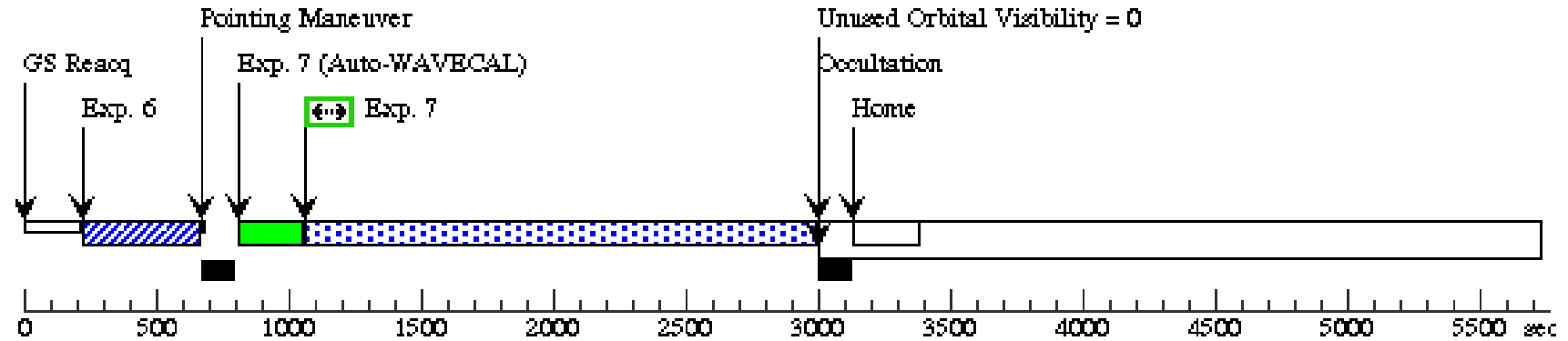
Orbit 3

Server Version: 20131031



Orbit 4

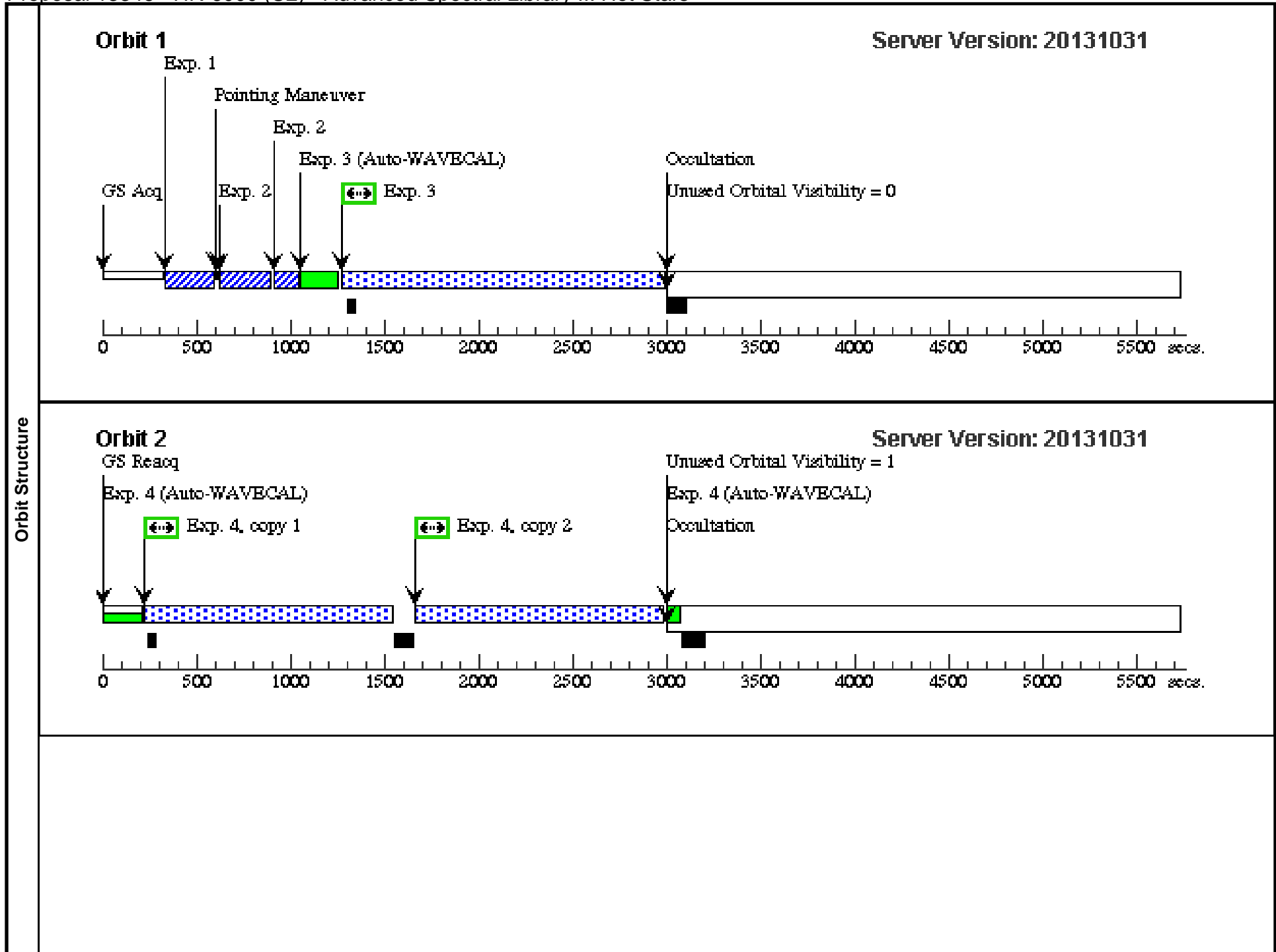
Server Version: 20131031



Proposal 13346 - HR-6000 (U2) - Advanced Spectral Library II: Hot Stars

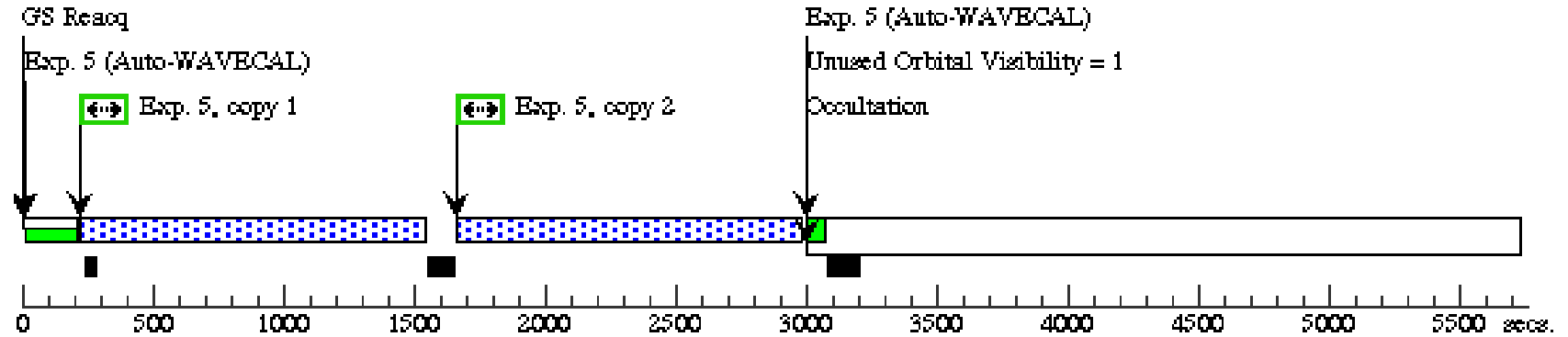
Mon Mar 17 01:21:31 GMT 2014

Visit	Proposal 13346, HR-6000 (U2), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA, STIS/NUV-MAMA Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(21)	HR-6000 Alt Name1: HD-144667	RA: 16 08 34.5630 (242.1440125d) Dec: -39 05 34.27 (-39.09285d) Equinox: J2000	Proper Motion RA: -6 mas/yr Proper Motion Dec: -22 mas/yr Parallax: 0.0" Epoch of Position: 2000	V=6.630+/-0.1	Reference Frame: ICRS				
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.515 495)	(21) HR-6000	STIS/CCD, ACQ, F28X500II	MIRROR				0.3 Secs (0.3 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.63 in magnitudes relative to Vega 30,830 e- (box of 3 x 3 pixels) Time to Saturation (for a single exposure) = 2.06 seconds</i>									
	2	(STIS.sp.51 5490)	(21) HR-6000	STIS/CCD, ACQ/PEAK, 0.2X0.09	G430L 4300 A				0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Pickles Models B9III 11091.8K Extinction E(B-V): None Normalization: Renormalized to Johnson V = 6.63 in magnitudes relative to Vega (1,142,516 e-) x1.00= 1,143,000 for 0.2x0.09</i>									
	3	(STIS.sp.51 6188)	(21) HR-6000	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140M 1425 A				1689 Secs (1689 Secs) [==>]	[1]
	<i>Comments: M-1425 1689 SPCH 182,130 x0.83= 151,000 STIS.sp.516188 PHT=>SPCH (TRA:177K)</i>									
	4	(STIS.sp.51 5803)	(21) HR-6000	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2463 A				1307 Secs X 2 (2614 Secs) [==>(Copy 1)] [==>(Copy 2)]	[2]
<i>Comments: H-2463 2614 SPCH 116,769 STIS.sp.515803 (TRA:111K)</i>										
5	(STIS.sp.51 5804)	(21) HR-6000	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2513 A				1307 Secs X 2 (2614 Secs) [==>(Copy 1)] [==>(Copy 2)]	[3]	
<i>Comments: H-2513 2614 SPCH 119,771 STIS.sp.515804 (TRA:116K)</i>										
6	(STIS.sp.51 5805)	(21) HR-6000	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2912 A				1307 Secs X 2 (2614 Secs) [==>(Copy 1)] [==>(Copy 2)]	[4]	
<i>Comments: H-2912 2614 SPCH 95,428 STIS.sp.515805 (TRA: 83K)</i>										



Orbit 3

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Orbit 4

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