



11567 - Boron Abundances in Rapidly Rotating Early-B Stars.

Cycle: 17, Proposal Category: SNAP

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) HD021856 WAVE	STIS/CCD	1	15-Jul-2009 21:14:16.0	yes
02	(2) HD024640 WAVE	STIS/CCD	1	15-Jul-2009 21:14:21.0	yes
03	(3) HD024760 WAVE	STIS/CCD	1	15-Jul-2009 21:14:26.0	yes
04	(4) HD027192 WAVE	STIS/CCD	1	15-Jul-2009 21:14:30.0	yes
05	(5) HD036166 WAVE	STIS/CCD	1	15-Jul-2009 21:14:34.0	yes
06	(6) HD037017 WAVE	STIS/CCD	1	15-Jul-2009 21:14:37.0	yes

Proposal 11567 (STScI Edit Number: 2, Created: Wednesday, July 15, 2009 8:18:17 PM EST) - Overview

<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>
07	(7) HD037481 WAVE	STIS/CCD	1	15-Jul-2009 21:14:41.0	yes
08	(8) HD038622 WAVE	STIS/CCD	1	15-Jul-2009 21:14:48.0	yes
09	(9) HD039291 WAVE	STIS/CCD	1	15-Jul-2009 21:14:52.0	yes
10	(10) HD045546 WAVE	STIS/CCD	1	15-Jul-2009 21:14:57.0	yes
11	(11) HD052273 WAVE	STIS/CCD	1	15-Jul-2009 21:15:00.0	yes
12	(12) HD053974 WAVE	STIS/CCD	1	15-Jul-2009 21:15:06.0	yes
13	(13) HD055522 WAVE	STIS/CCD	1	15-Jul-2009 21:15:10.0	yes
14	(14) HD056139 WAVE	STIS/CCD	1	15-Jul-2009 21:15:14.0	yes
15	(15) HD058050 WAVE	STIS/CCD	1	15-Jul-2009 21:15:17.0	yes
16	(16) HD063578 WAVE	STIS/CCD	1	15-Jul-2009 21:15:21.0	yes
17	(17) HD064722 WAVE	STIS/CCD	1	15-Jul-2009 21:15:24.0	yes
51	(17) HD064722 WAVE	STIS/CCD	1	15-Jul-2009 21:15:28.0	yes
18	(18) HD064740 WAVE	STIS/CCD	1	15-Jul-2009 21:15:31.0	yes

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<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>
19	(19) HD068243 WAVE	STIS/CCD	1	15-Jul-2009 21:15:35.0	yes
20	(20) HD093030 WAVE	STIS/CCD	1	15-Jul-2009 21:15:39.0	yes
52	(20) HD093030 WAVE	STIS/CCD	1	15-Jul-2009 21:15:42.0	yes
21	(21) HD106490 WAVE	STIS/CCD	1	15-Jul-2009 21:15:46.0	yes
22	(22) HD108248 WAVE	STIS/CCD	1	15-Jul-2009 21:15:49.0	yes
53	(22) HD108248 WAVE	STIS/CCD	1	15-Jul-2009 21:15:52.0	yes
23	(22) HD108248 (23) HD108249 WAVE	STIS/CCD	1	15-Jul-2009 21:15:56.0	yes
24	(24) HD109668 WAVE	STIS/CCD	1	15-Jul-2009 21:16:02.0	yes
54	(24) HD109668 WAVE	STIS/CCD	1	15-Jul-2009 21:16:06.0	yes
25	(25) HD110879 WAVE	STIS/CCD	1	15-Jul-2009 21:16:09.0	yes
55	(25) HD110879 WAVE	STIS/CCD	1	15-Jul-2009 21:16:12.0	yes
26	(26) HD116658 WAVE	STIS/CCD	1	15-Jul-2009 21:16:16.0	yes
27	(27) HD118716 WAVE	STIS/CCD	1	15-Jul-2009 21:16:19.0	yes

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<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>
56	(27) HD118716 WAVE	STIS/CCD	1	15-Jul-2009 21:16:23.0	yes
28	(28) HD120307 WAVE	STIS/CCD	1	15-Jul-2009 21:16:26.0	yes
57	(28) HD120307 WAVE	STIS/CCD	1	15-Jul-2009 21:16:29.0	yes
29	(29) HD120324 WAVE	STIS/CCD	1	15-Jul-2009 21:16:33.0	yes
30	(30) HD121743 WAVE	STIS/CCD	1	15-Jul-2009 21:16:36.0	yes
31	(31) HD121790 WAVE	STIS/CCD	1	15-Jul-2009 21:16:39.0	yes
32	(32) HD127381 WAVE	STIS/CCD	1	15-Jul-2009 21:16:43.0	yes
33	(33) HD132058 WAVE	STIS/CCD	1	15-Jul-2009 21:16:46.0	yes
58	(33) HD132058 WAVE	STIS/CCD	1	15-Jul-2009 21:16:49.0	yes
34	(34) HD142669 WAVE	STIS/CCD	1	15-Jul-2009 21:16:52.0	yes
35	(35) HD143275 WAVE	STIS/CCD	1	15-Jul-2009 21:16:56.0	yes
59	(35) HD143275 WAVE	STIS/CCD	1	15-Jul-2009 21:16:59.0	yes
36	(36) HD144218 WAVE	STIS/CCD	1	15-Jul-2009 21:17:05.0	yes

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<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>
37	(37) HD144470 WAVE	STIS/CCD	1	15-Jul-2009 21:17:09.0	yes
38	(38) HD148703 WAVE	STIS/CCD	1	15-Jul-2009 21:17:12.0	yes
39	(39) HD154445 WAVE	STIS/CCD	1	15-Jul-2009 21:17:15.0	yes
40	(40) HD160578 WAVE	STIS/CCD	1	15-Jul-2009 21:17:19.0	yes
60	(40) HD160578 WAVE	STIS/CCD	1	15-Jul-2009 21:17:22.0	yes
41	(41) HD174298 WAVE	STIS/CCD	1	15-Jul-2009 21:17:25.0	yes
42	(42) HD178175 WAVE	STIS/CCD	1	15-Jul-2009 21:17:29.0	yes
61	(42) HD178175 WAVE	STIS/CCD	1	15-Jul-2009 21:17:32.0	yes
43	(43) HD188252 WAVE	STIS/CCD	1	15-Jul-2009 21:17:35.0	yes
44	(44) HD207563 WAVE	STIS/CCD	1	15-Jul-2009 21:17:38.0	yes
45	(45) HD212076 WAVE	STIS/CCD	1	15-Jul-2009 21:17:42.0	yes
62	(45) HD212076 WAVE	STIS/CCD	1	15-Jul-2009 21:17:45.0	yes
46	(46) HD212978 WAVE	STIS/CCD	1	15-Jul-2009 21:17:48.0	yes

<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>
63	(46) HD212978 WAVE	STIS/CCD	1	15-Jul-2009 21:17:52.0	yes
47	(47) HD213420 WAVE	STIS/CCD	1	15-Jul-2009 21:17:55.0	yes
64	(47) HD213420 WAVE	STIS/CCD	1	15-Jul-2009 21:17:58.0	yes
48	(48) HD214263 WAVE	STIS/CCD	1	15-Jul-2009 21:18:04.0	yes
65	(48) HD214263 WAVE	STIS/CCD	1	15-Jul-2009 21:18:07.0	yes
49	(49) HD217101 WAVE	STIS/CCD	1	15-Jul-2009 21:18:10.0	yes
50	(50) HD224572 WAVE	STIS/CCD	1	15-Jul-2009 21:18:14.0	yes

65 Total Orbits Used

ABSTRACT

Models of rotation in early-B stars predict that rotationally driven mixing should deplete surface boron abundances during the main-sequence lifetime of many stars. However, recent work has shown that many boron depleted stars are intrinsically slow rotators for which models predict no depletion should have occurred, while observations of nitrogen in some more rapidly rotating stars show less mixing than the models predict. Boron can provide unique information on the earliest stages of mixing in B stars, but previous surveys have been biased towards narrow-lined stars because of the difficulty in measuring boron abundances in rapidly rotating stars. The two targets observed as part of our Cycle 13 SNAP program 10175, just before STIS failed, demonstrate that it is possible to make useful boron abundance measurements for early-B stars with $V \sin(i)$ above 100 km/s. We propose to extend that survey to a large enough sample of stars to allow statistically significant tests of models of rotational mixing in early-B stars.

OBSERVING DESCRIPTION

Targets are all bright B0 to B2, class III-V stars, with projected rotational velocities, $V \sin(i)$, between 65 and 165 km/s.

Acquisitions for stars fainter than $V=4.5$ use the F28X50OIII filter with exposure times calculated to give $S/N=300$, and a peak pixel with about 43,000 e- or about 30% of the full well. For brighter stars, the F28X50ND5 filter is used with an exposure time set to give $S/N=120$, and a peak pixel with about 6800 e-. Note special ACQ sequence for visit 23 to ensure observation of the correct star.

All visits then take dithered CR-SPLIT=NO, GAIN=4 exposures with the STIS CCD G230MB grating ($R=6000$) at the 1995 CENWAVE setting with the 52X0.2 aperture, using a 6 point centered STIS along-the-slit pattern with 0.431035" (8.5 pixel) spacing. This spectral range covers 1917 to 2073 Angstroms and includes, among other things, the B III resonance doublet at 2065/2068 angstroms, a strong C III multiplet near 1923 angstroms, and numerous blended Fe III and Fe IV lines. The spectra will also include ISM lines from Zn II and Cr II.

Exposure times for each subexposure are calculated based on the measured TD1 flux in the 1965 angstrom band. Where this is not available, estimates based on IUE LGAP fluxes or stellar models are used instead. For stars with $FLAM(1965)$ greater than about $6e-10$ ergs/cm²/Angstrom/sec, the exposure time is chosen to give a Poisson S/N of 500:1 per resolution element per exposure. Stars fainter than this use a fixed time of 120 s per exposure. The faintest target should still give $S/N=170$ in each exposure. Actual S/N achieved will depend on how good the pixel-to-pixel flat fields are. The six individual exposures at the different dither positions will be coadded and cosmic-ray rejected using customized software.

Sample exposure time calculations at 2065 angstroms. S/N given per 2-pixel wide resolution element summed over 7 pixel high extraction box:

Target 1: Kurucz B1V model normalized to $FLAM(1965)=1.2e-10$ gives $S/N=250$ per 120 s exposure.

Target 14: Kurucz B1V model normalized to $FLAM(1965)=7.55e-10$, gives $S/N=500$ per 76.1 s exposure.

Target 41: Kurucz B1V model normalized to $FLAM(1965)=5.7e-11$ gives $S/N=170$ per 120 s exposure.

The shortest visit requires a visibility of about 20 minutes. The 27 longest visits with 120 s exposure times each require about 31 minutes of

visibility.

Auto-wavecals have been replaced with GO-specified wavecals at the end of each visit.

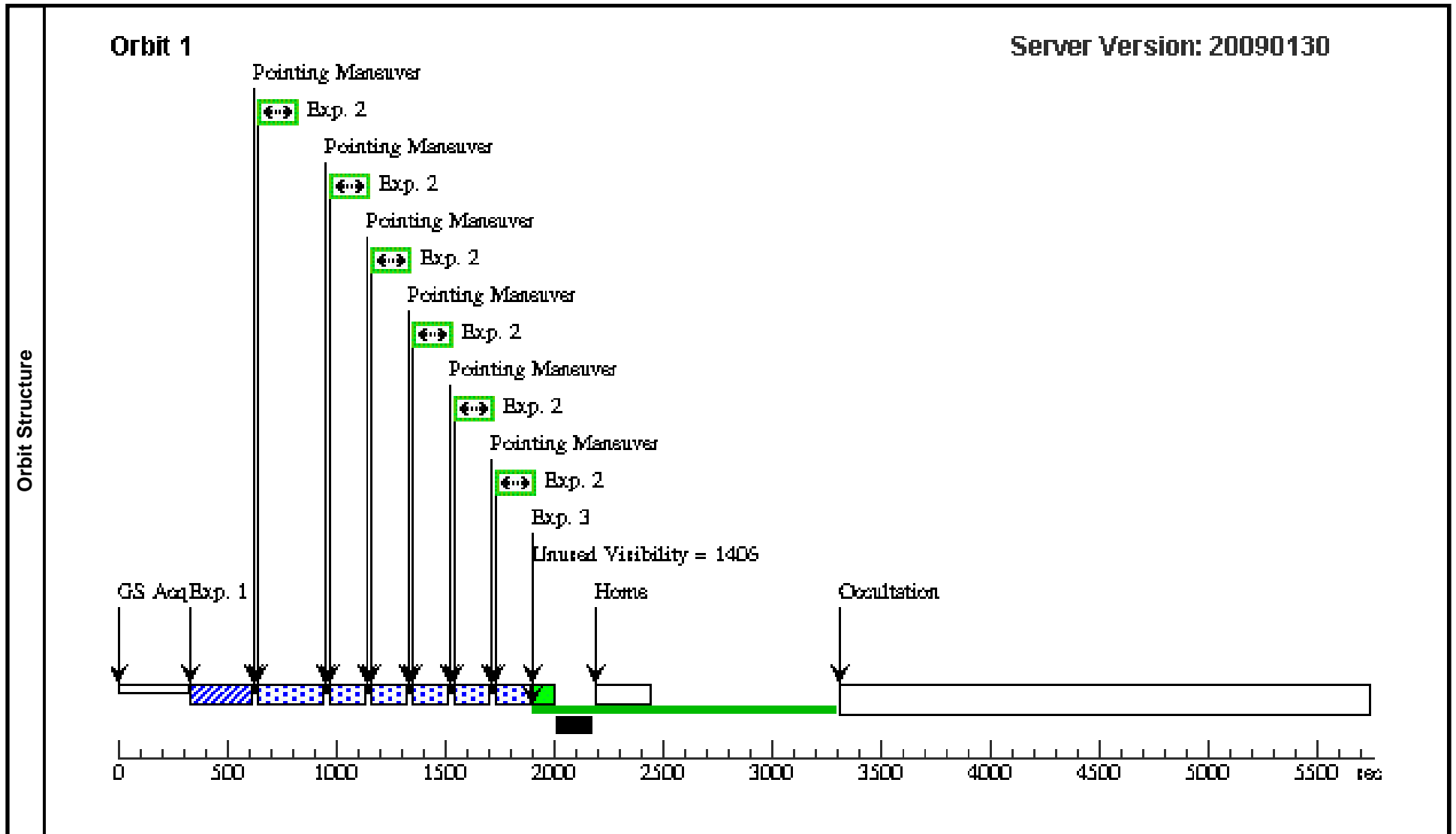
ADDITIONAL COMMENTS

Three of the targets in this program, HD160578, HD143275, and HD144217 have GHRS Echelle B data close to the wavelength of the B III line. However, for two of these stars, the data don't actually reach both B III lines, while for the third, HD143275, the S/N does not appear to be adequate for our purposes. Note that these potential duplications for HD143275 and HD144217 were discussed in our phase 1 proposal, while for HD 160578, the GHRS data don't cover either boron line at all!

Proposal 11567 - Visit 01 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:18 GMT 2009

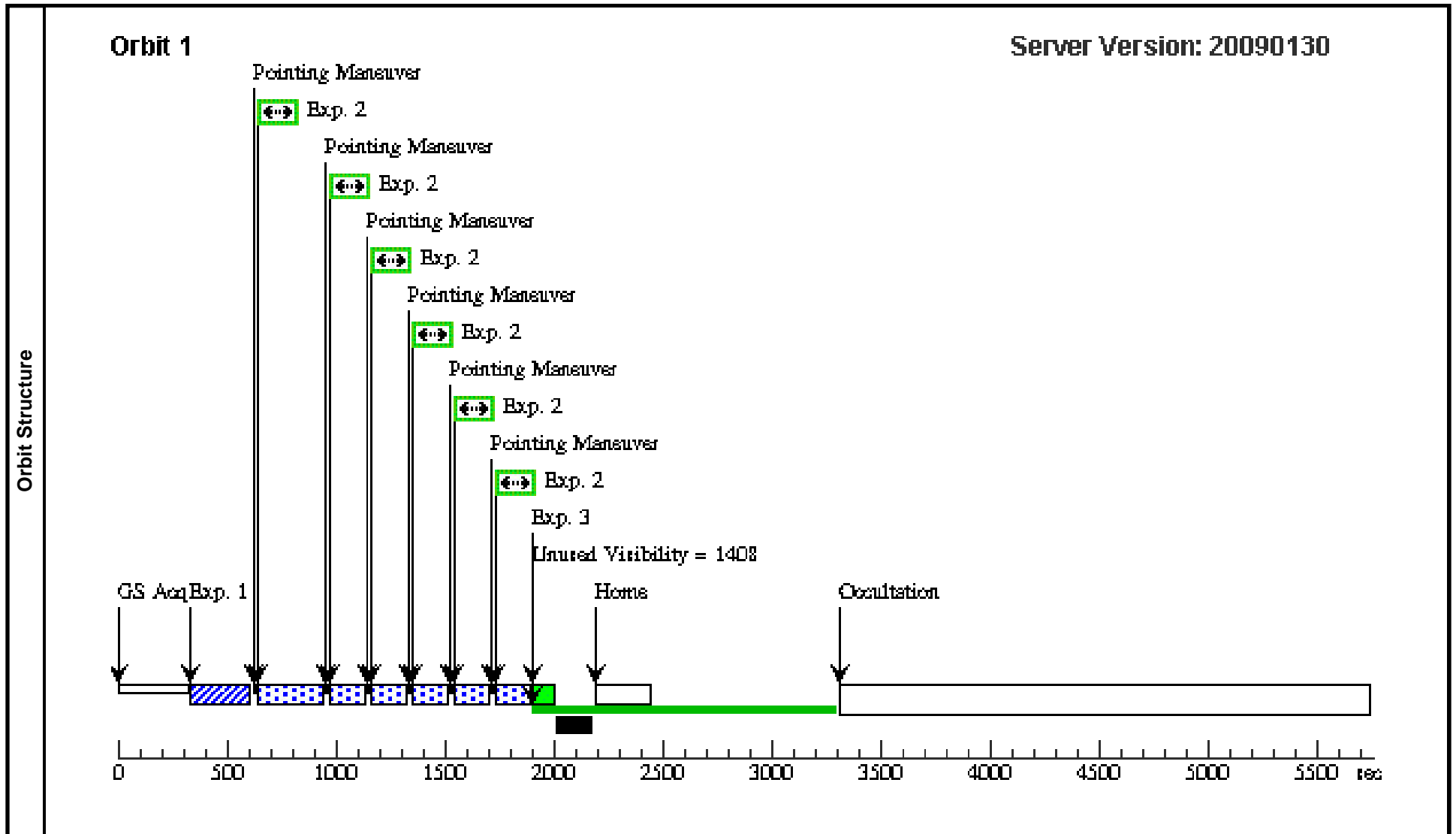
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	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	HD021856	RA: 03 32 40.0170 (53.1667375d) Dec: +35 27 42.23 (35.46173d) Equinox: J2000	Proper Motion RA: -0.000550029s/yr Proper Motion Dec: 0.003660000"/yr Parallax: 0.00199" Epoch of Position: 2000.	V=5.910+/-0.1 SPEC=B1V; B-V=-0.084; FLA M(1965)=1.19800e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) HD021856	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			1.0 Secs	
									[==>]	[1]
	2		(1) HD021856	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 02 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:19 GMT 2009

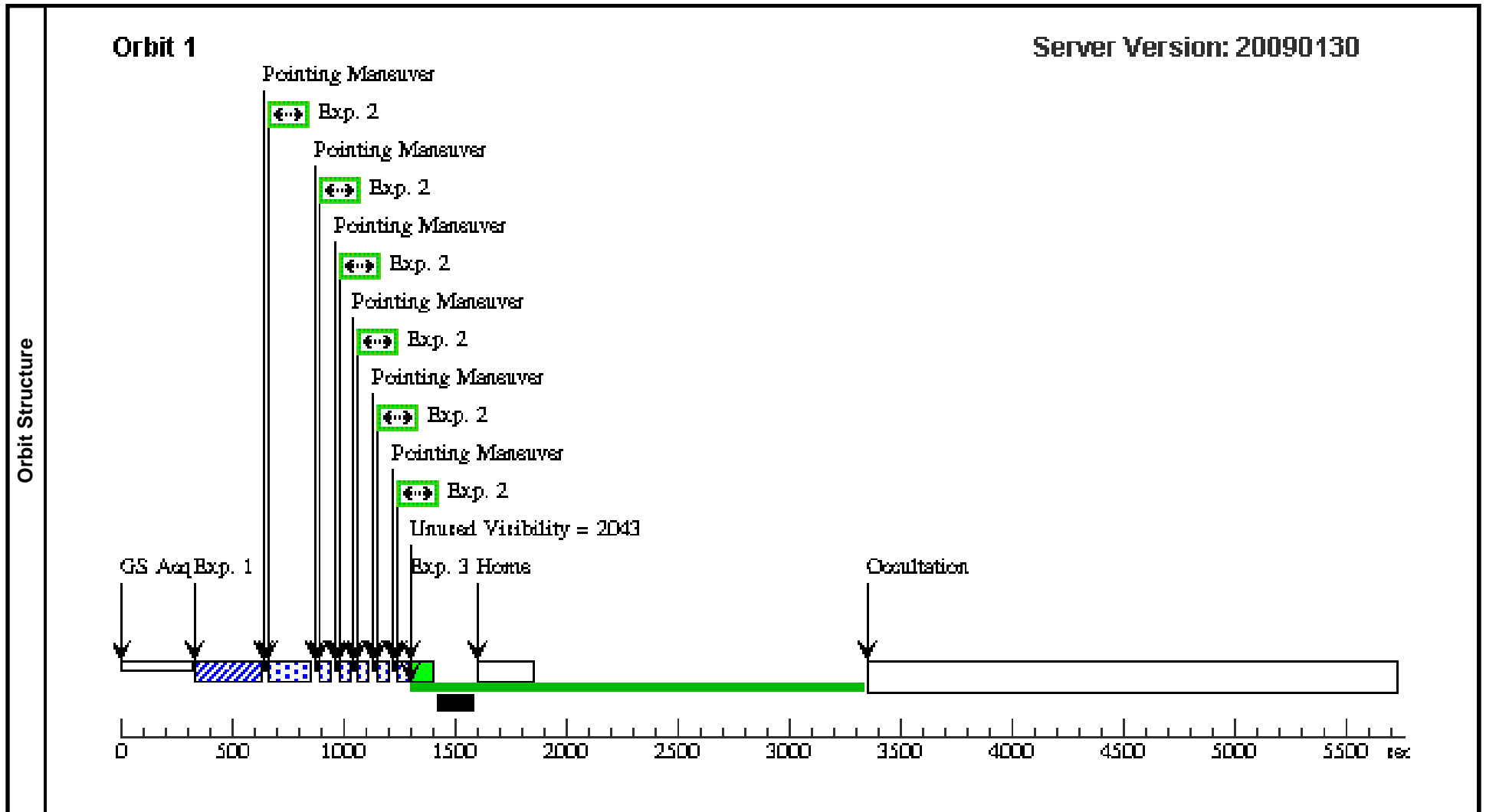
Visit	Proposal 11567, Visit 02, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	HD024640	RA: 03 56 28.6900 (59.1195417d) Dec: +35 04 51.24 (35.08090d) Equinox: J2000	Proper Motion RA: 0.000208552s/yr Proper Motion Dec: -0.003960000"/yr Parallax: 0.00336" Epoch of Position: 2000.	V=5.490+/-0.1 SPEC=B1.5V; B-V=-0.058; FL AM(1965)=1.50100e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) HD024640	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.7 Secs	
									[==>]	[1]
	2		(2) HD024640	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 03 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:19 GMT 2009

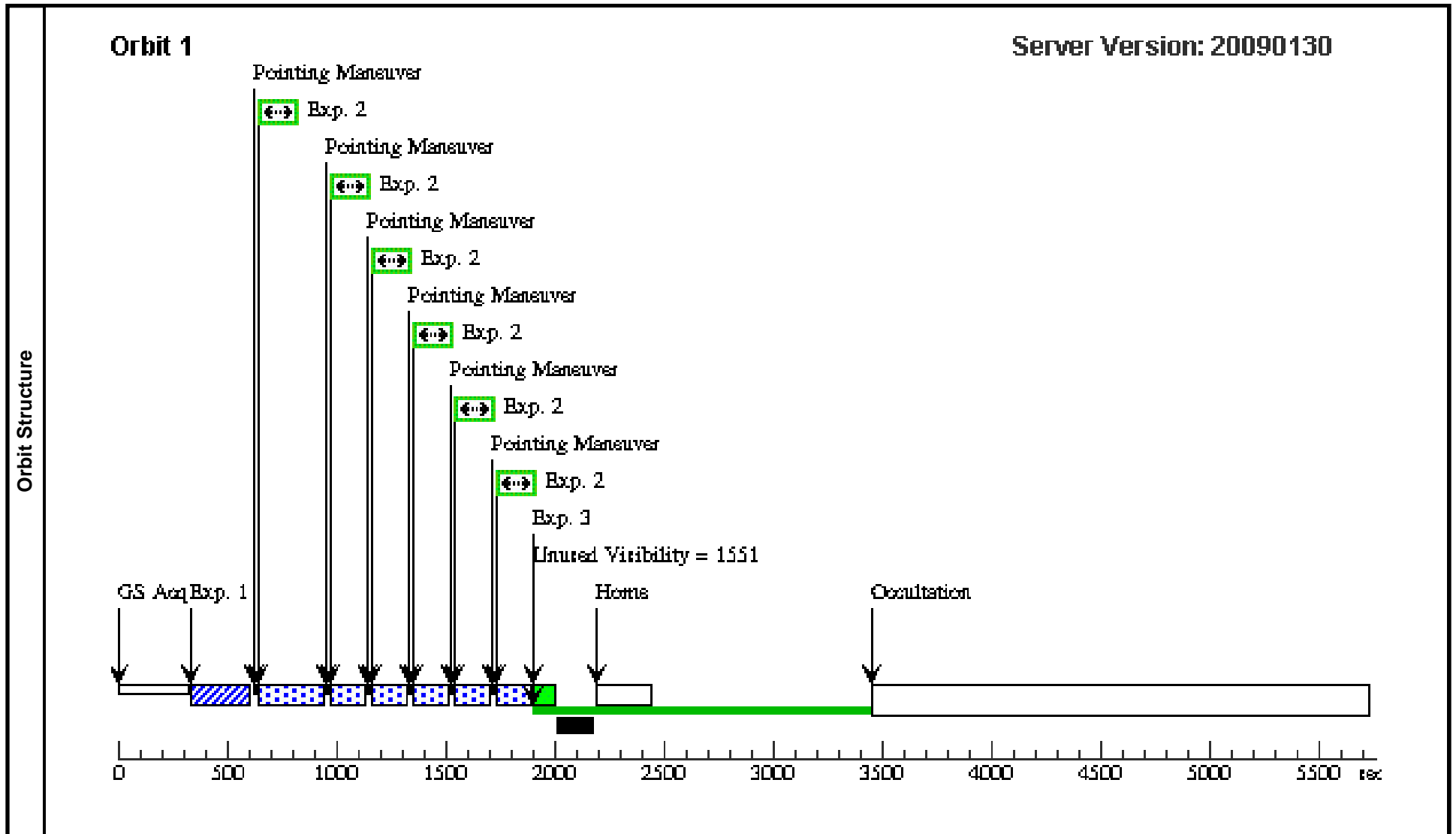
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	HD024760	RA: 03 57 51.2310 (59.4634625d) Dec: +40 00 36.77 (40.01021d) Equinox: J2000	Proper Motion RA: 0.001097577s/yr Proper Motion Dec: -0.024059999"/yr Parallax: 0.00606" Epoch of Position: 2000.	V=2.900+/-0.1 SPEC=B0.5V; B-V=-0.199; FL AM(1965)=3.23700e-09	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) HD024760	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.8 Secs	
									[==>]	[1]
	2		(3) HD024760	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	17 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]	



Proposal 11567 - Visit 04 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:20 GMT 2009

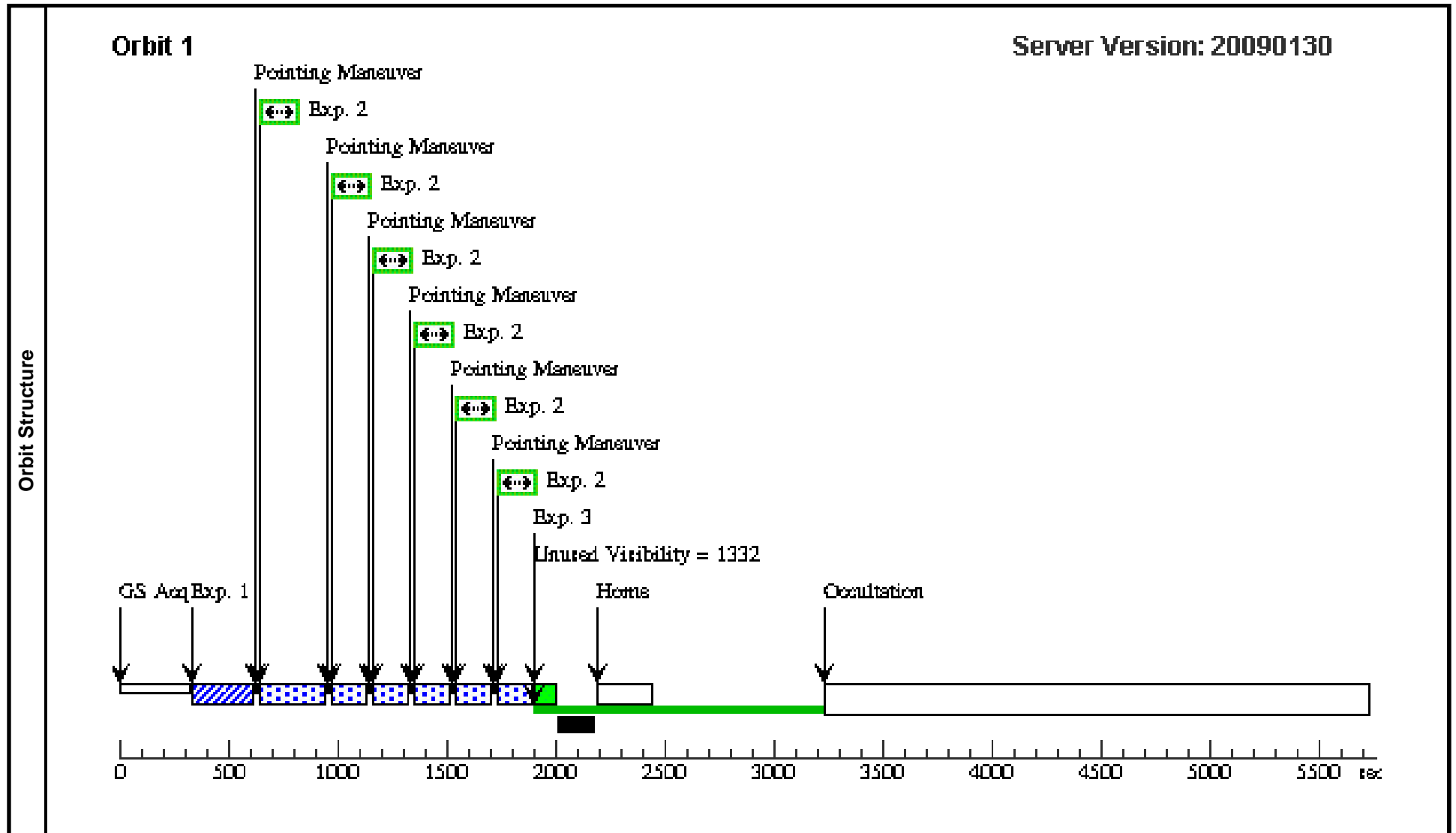
Visit	Proposal 11567, Visit 04, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	HD027192	RA: 04 20 11.5130 (65.0479708d) Dec: +50 55 15.36 (50.92093d) Equinox: J2000	Proper Motion RA: 0.000060280s/yr Proper Motion Dec: -0.007560000"/yr Parallax: 0.00274" Epoch of Position: 2000.	V=5.550+/-0.1 SPEC=B1.5IV; B-V=-0.031; FL AM(1965)=1.09900e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) HD027192	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.8 Secs	
									[==>]	[1]
	2		(4) HD027192	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 05 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:20 GMT 2009

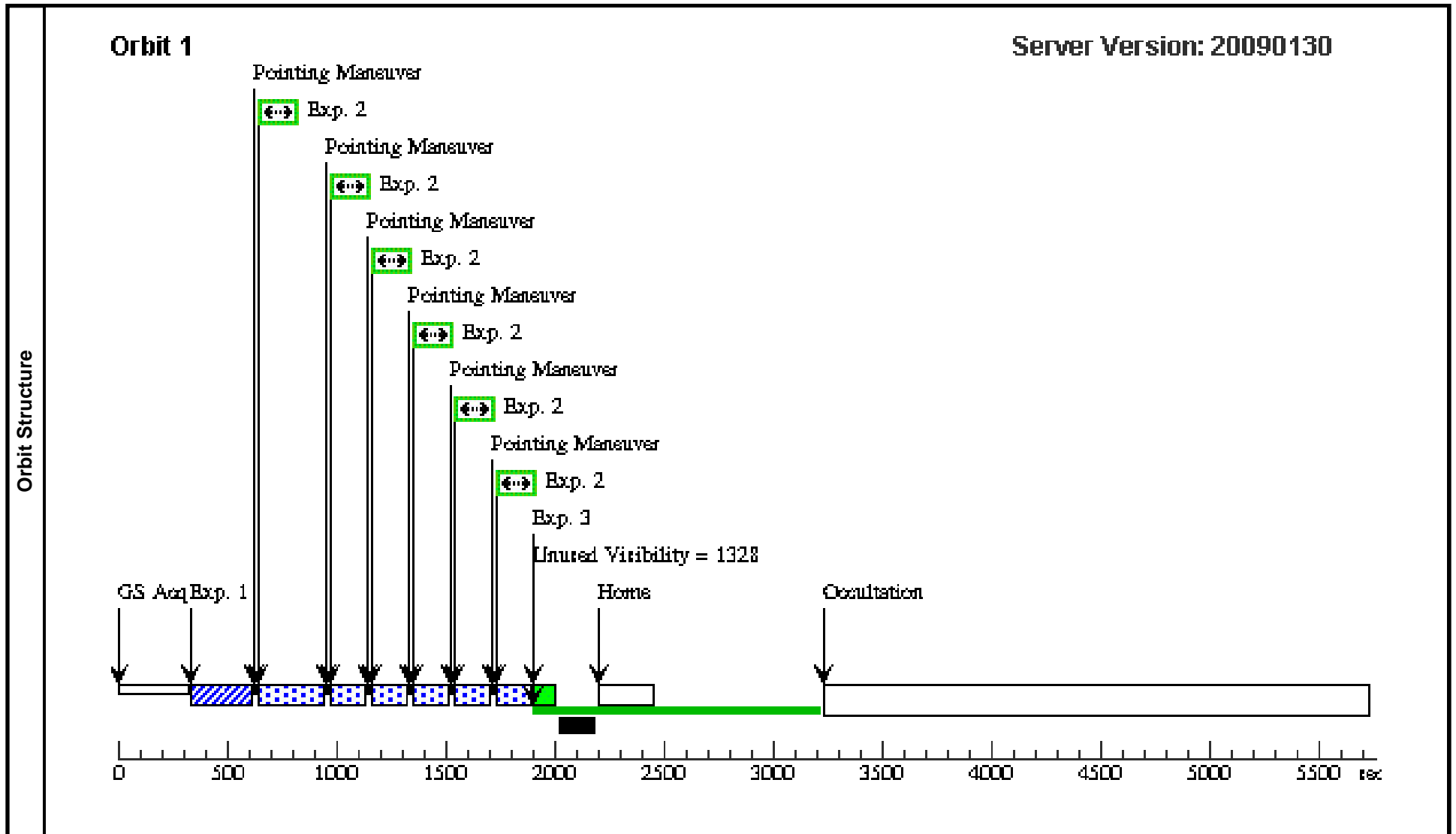
Visit	Proposal 11567, Visit 05, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	HD036166	RA: 05 29 54.7740 (82.4782250d) Dec: +01 47 21.34 (1.78926d) Equinox: J2000	Proper Motion RA: 0.000109387s/yr Proper Motion Dec: -0.000340000"/yr Parallax: 0.00260" Epoch of Position: 2000.	V=5.770+/-0.1 SPEC=B2V; B-V=-0.192; FLA M(1965)=2.36600e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) HD036166	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			1.0 Secs [==>]	[1]
	2		(5) HD036166	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 06 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:20 GMT 2009

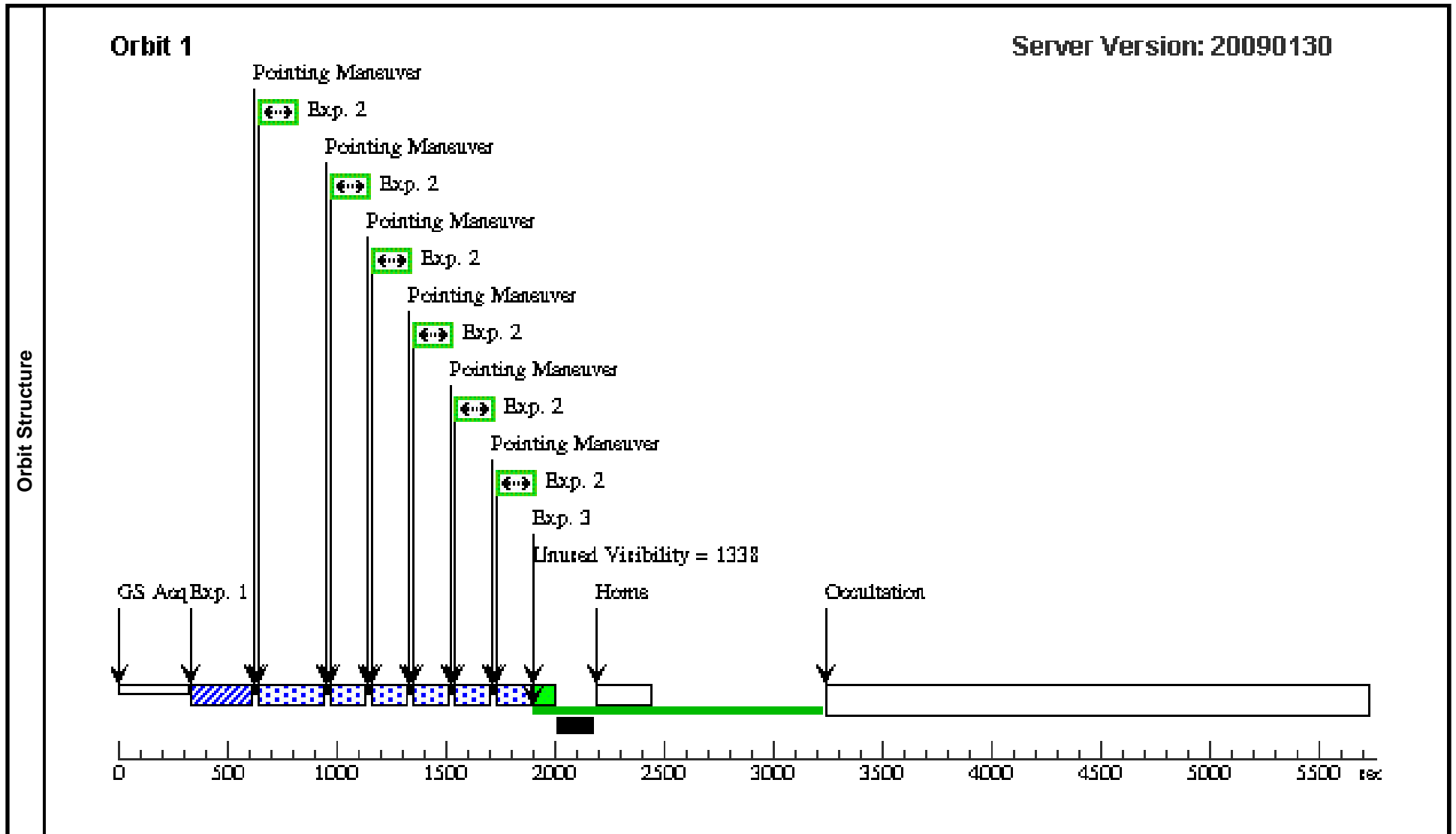
Visit	Proposal 11567, Visit 06, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
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		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	HD037017	RA: 05 35 21.8670 (83.8411125d) Dec: -04 29 39.02 (-4.49417d) Equinox: J2000	Proper Motion RA: 0.000141769s/yr Proper Motion Dec: 0.000940000"/yr Parallax: 0.00268" Epoch of Position: 2000.	V=6.570+/-0.1 SPEC=B1.5V; B-V=-0.142; FL AM(1965)=8.50000e-11	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) HD037017	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			2.0 Secs [==>]	[1]
	2		(6) HD037017	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 07 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:21 GMT 2009

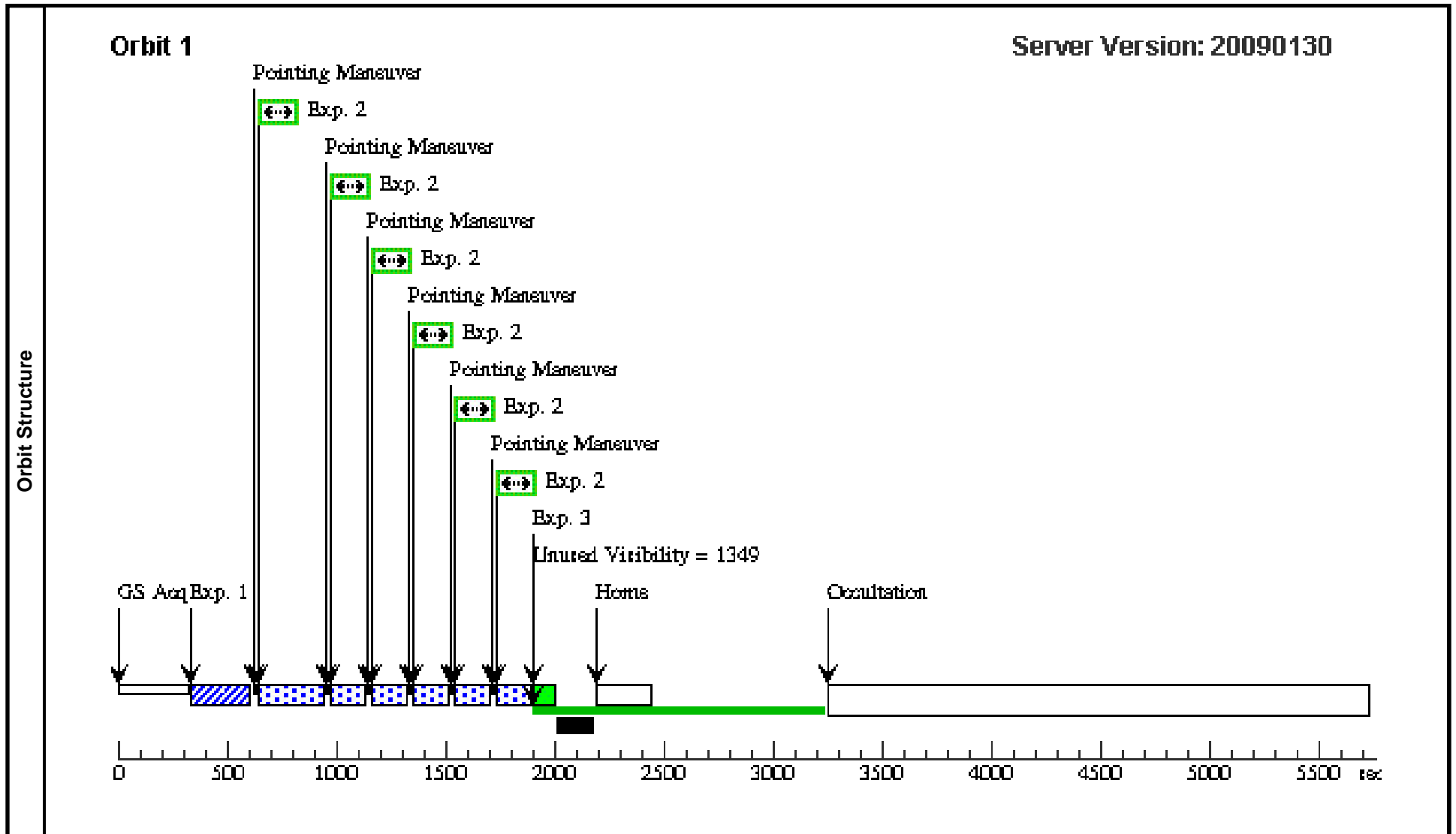
Visit	Proposal 11567, Visit 07, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true					(2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	HD037481	RA: 05 38 37.9730 (84.6582208d) Dec: -06 34 26.25 (-6.57396d) Equinox: J2000	Proper Motion RA: 0.000026172s/yr Proper Motion Dec: -0.000420000"/yr Parallax: 0.00208" Epoch of Position: 2000.	V=5.960+/-0.1 SPEC=B1.5IV; B-V=-0.216; FL AM(1965)=2.34000e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) HD037481	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			1.1 Secs	
									[==>]	[1]
	2		(7) HD037481	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 08 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:21 GMT 2009

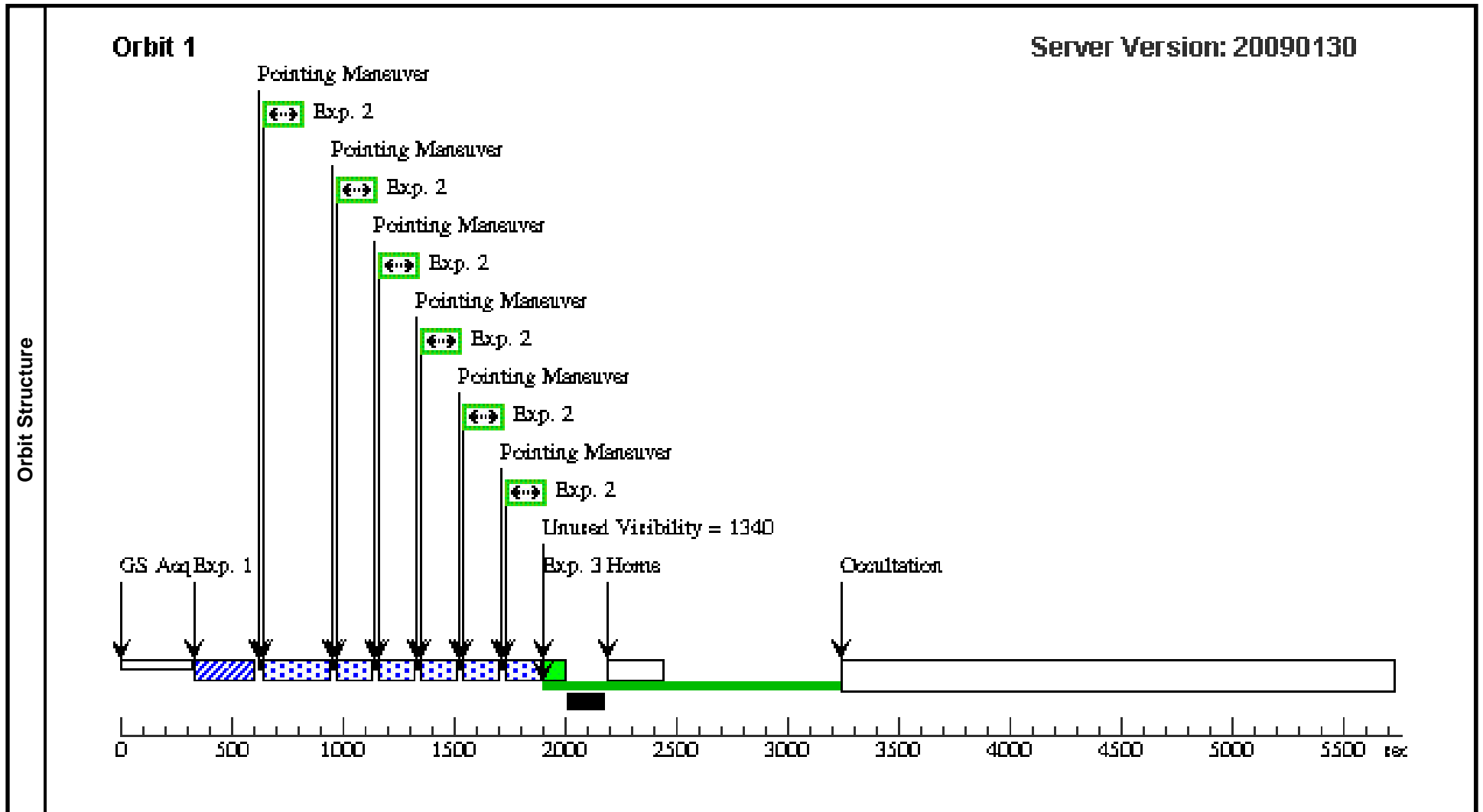
Visit	Proposal 11567, Visit 08, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	HD038622	RA: 05 47 42.9070 (86.9287792d) Dec: +13 53 58.56 (13.89960d) Equinox: J2000	Proper Motion RA: 0.000241745s/yr Proper Motion Dec: -0.013270000"/yr Parallax: 0.00408" Epoch of Position: 2000.	V=5.280+/-0.1 SPEC=B2IV-V; B-V=-0.156; F LAM(1965)=2.31300e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(8) HD038622	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.6 Secs [==>]	[1]
	2		(8) HD038622	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 09 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:21 GMT 2009

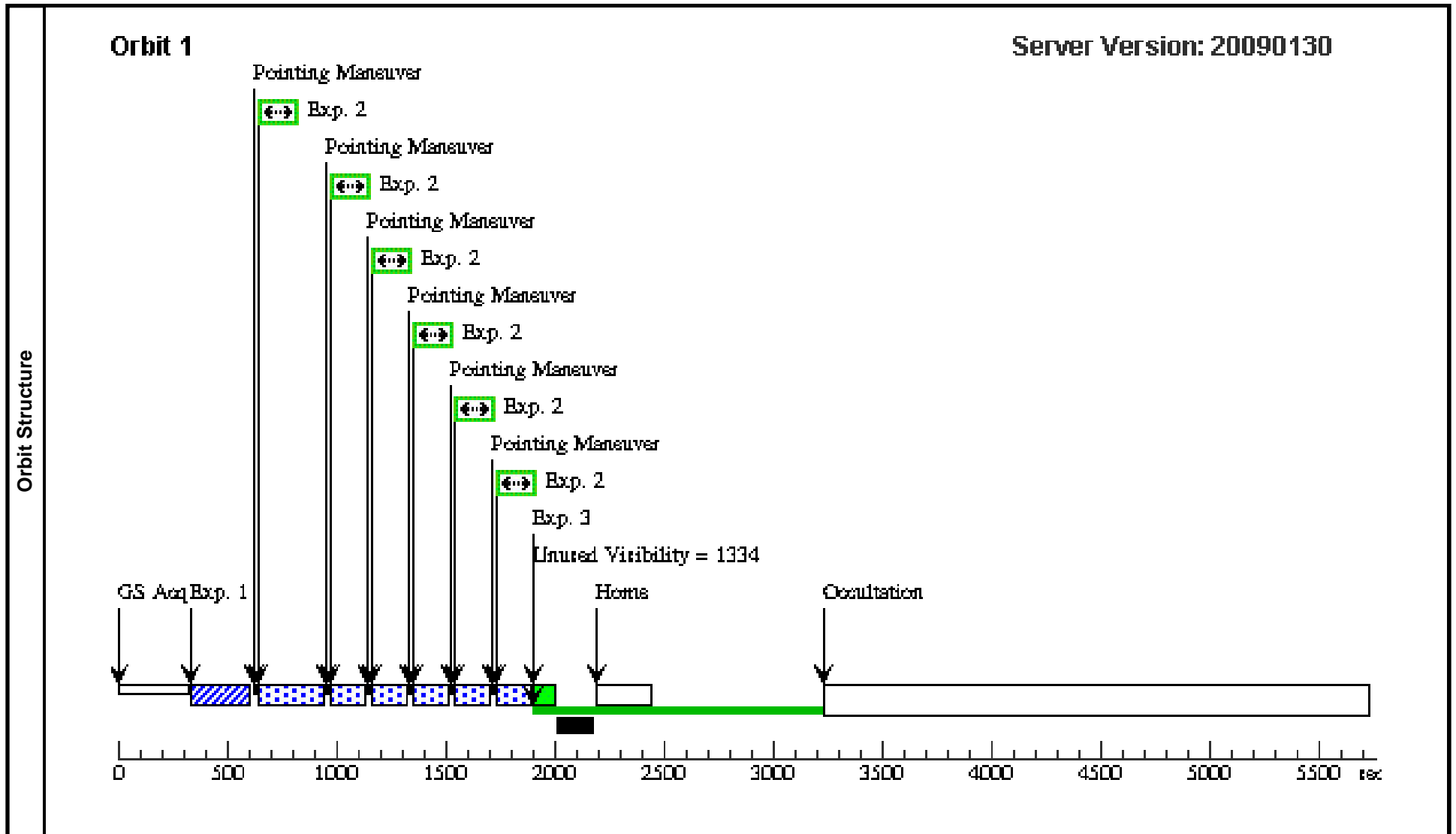
Visit	Proposal 11567, Visit 09, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true					(2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(9)	HD039291	RA: 05 51 21.9840 (87.8416000d) Dec: -07 31 4.81 (-7.51800d) Equinox: J2000	Proper Motion RA: 0.000050434s/yr Proper Motion Dec: -0.000180000"/yr Parallax: 0.00194" Epoch of Position: 2000.		V=5.360+/-0.1 SPEC=B2IV-V; B-V=-0.195; F LAM(1965)=3.27700e-10	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(9) HD039291	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.7 Secs	
									[==>]	[1]
	2		(9) HD039291	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 10 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:22 GMT 2009

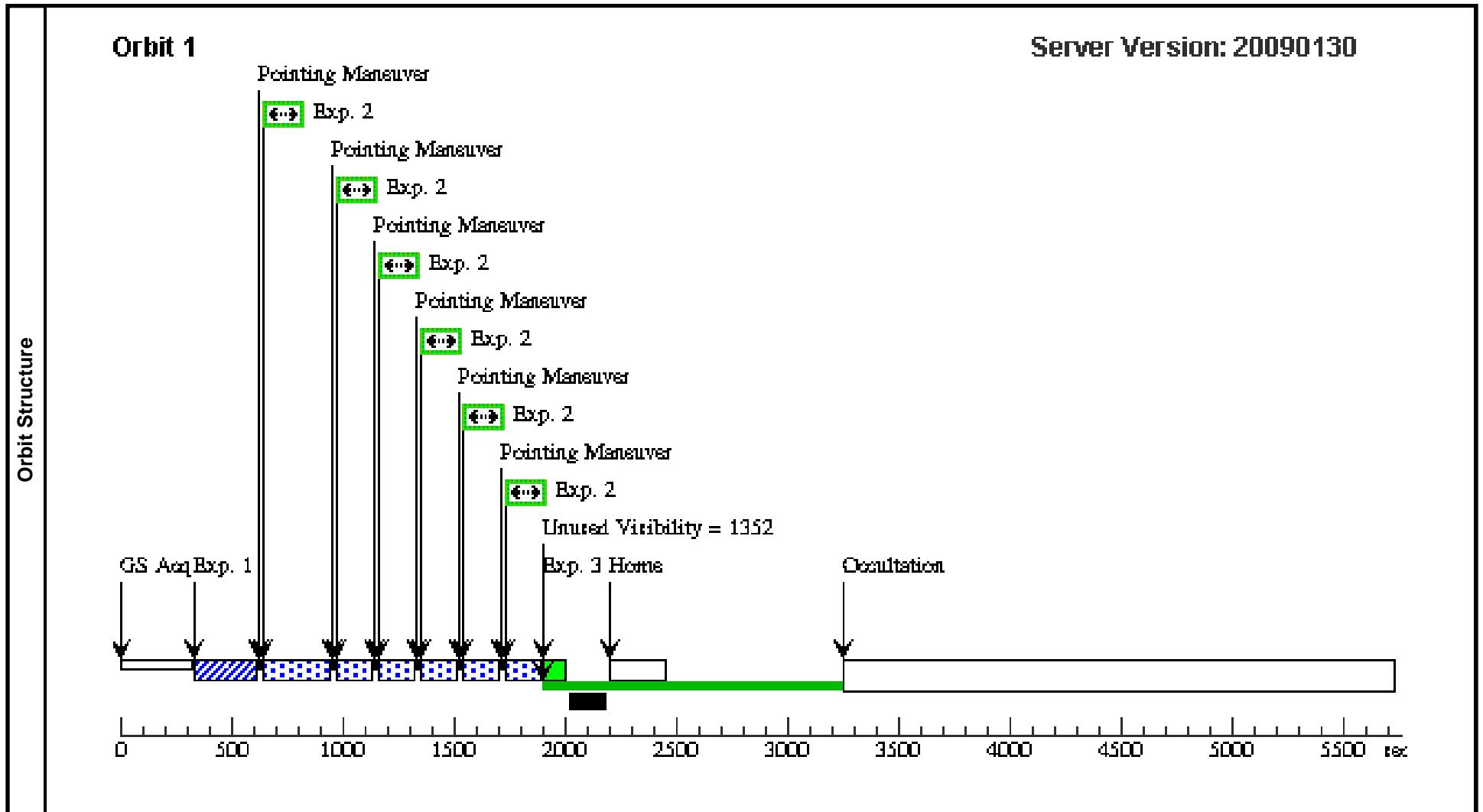
Visit	Proposal 11567, Visit 10, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	HD045546	RA: 06 27 57.5700 (96.9898750d) Dec: -04 45 43.76 (-4.76216d) Equinox: J2000	Proper Motion RA: -0.000282977s/yr Proper Motion Dec: -0.003140000"/yr Parallax: 0.00241" Epoch of Position: 2000.	V=5.060+/-0.1 SPEC=B2V; B-V=-0.175; FLA M(1965)=3.90000e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(10) HD045546	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.5 Secs	
									[==>]	[1]
	2		(10) HD045546	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 11 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:22 GMT 2009

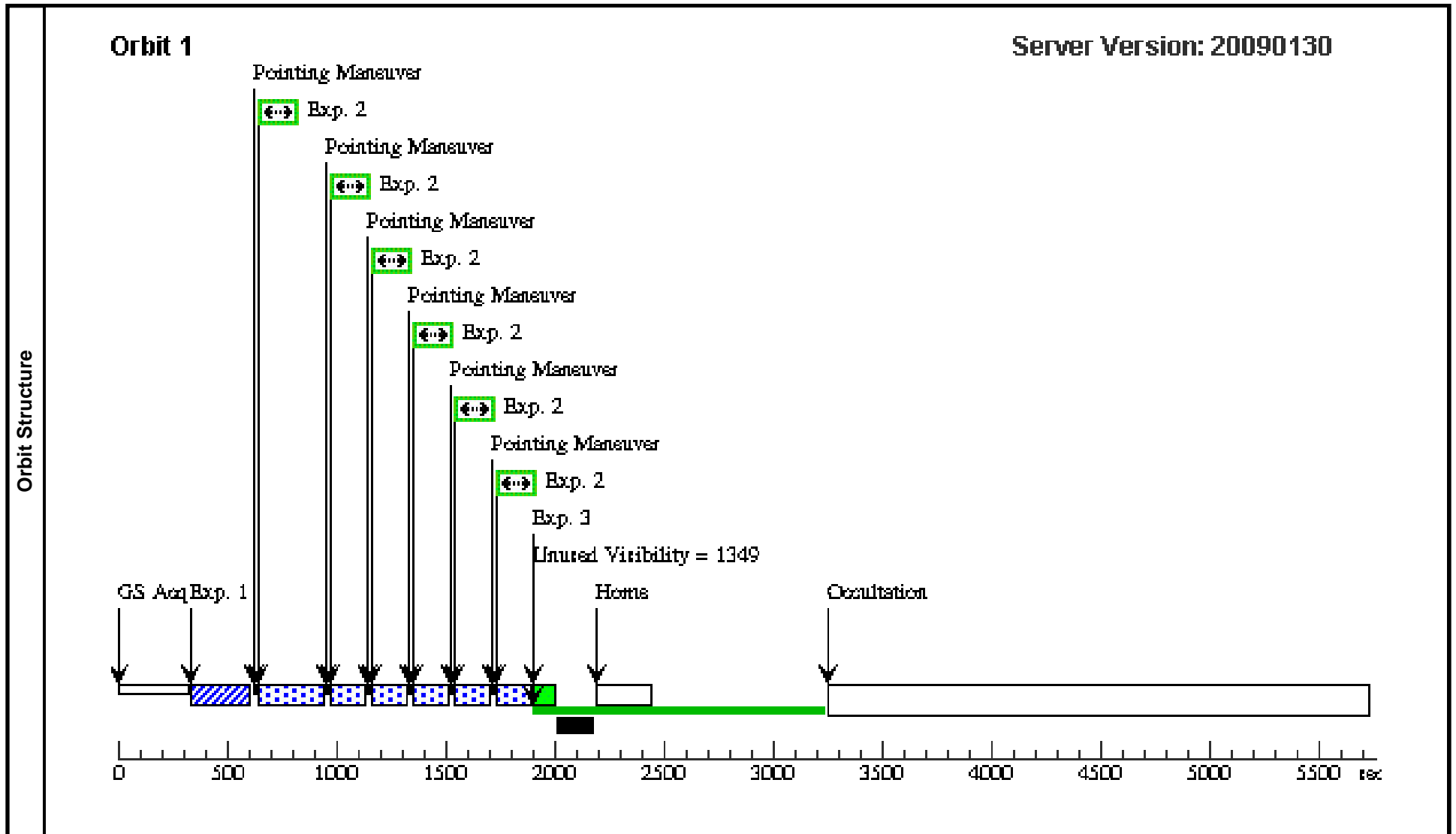
Visit	Proposal 11567, Visit 11, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	HD052273	RA: 06 59 39.2550 (104.9135625d) Dec: -21 36 10.38 (-21.60288d) Equinox: J2000	Proper Motion RA: -0.000210091s/yr Proper Motion Dec: 0.004870000"/yr Parallax: 0.00233" Epoch of Position: 2000.	V=6.260+/-0.1 SPEC=B2III; B-V=-0.164; FLA M(1965)=9.95000e-11	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) HD052273	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			1.5 Secs	
									[==>]	[1]
	2		(11) HD052273	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 12 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:22 GMT 2009

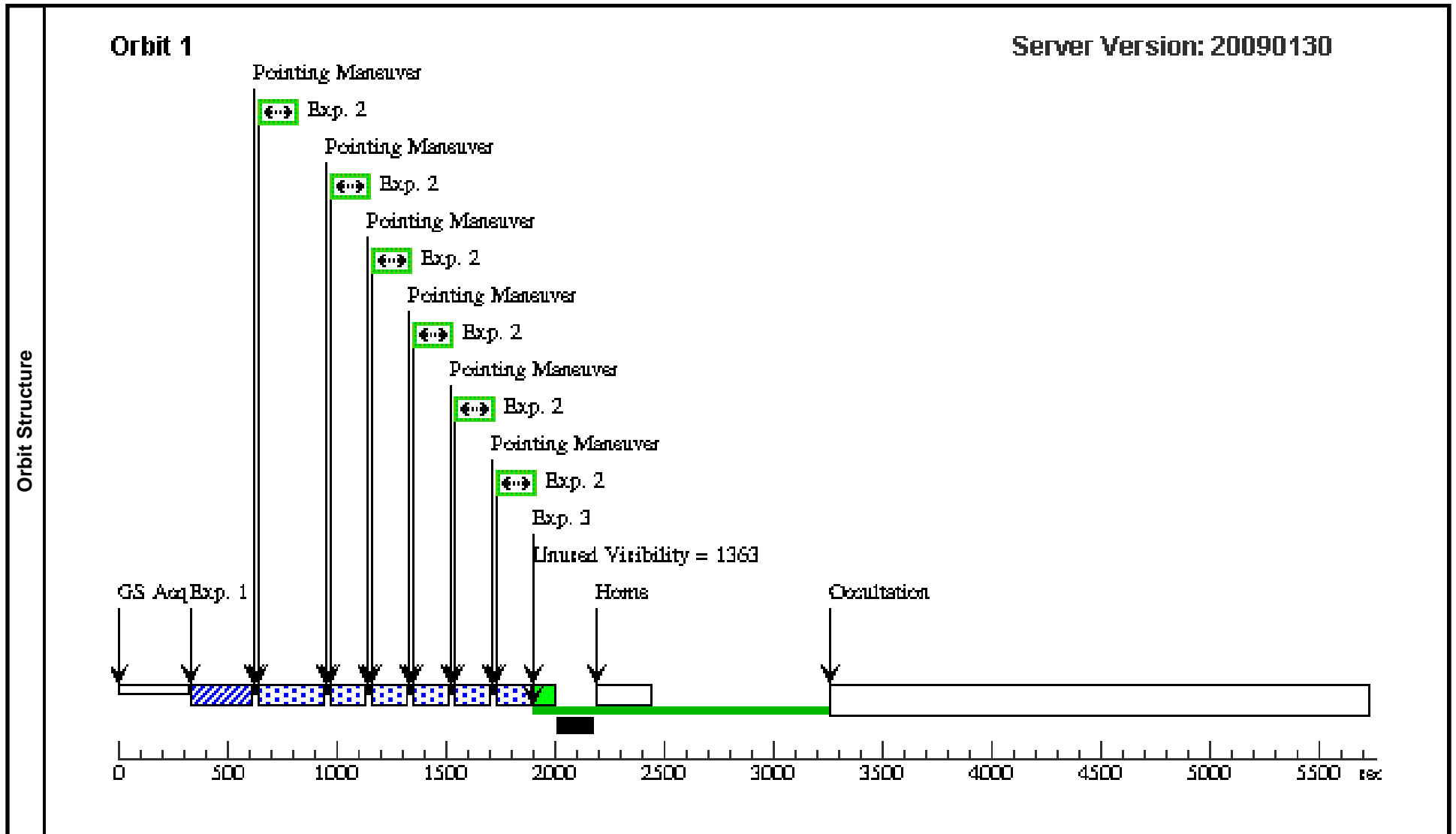
Visit	Proposal 11567, Visit 12, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(12)	HD053974	RA: 07 06 40.7670 (106.6698625d) Dec: -11 17 38.45 (-11.29401d) Equinox: J2000	Proper Motion RA: -0.000222305s/yr Proper Motion Dec: 0.001960000"/yr Parallax: 0.00115" Epoch of Position: 2000.	V=5.410+/-0.1 SPEC=B0.5IV; B-V=0.0330; FL AM(1965)=1.07000e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(12) HD053974	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.7 Secs [==>]	[1]
	2		(12) HD053974	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 13 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:23 GMT 2009

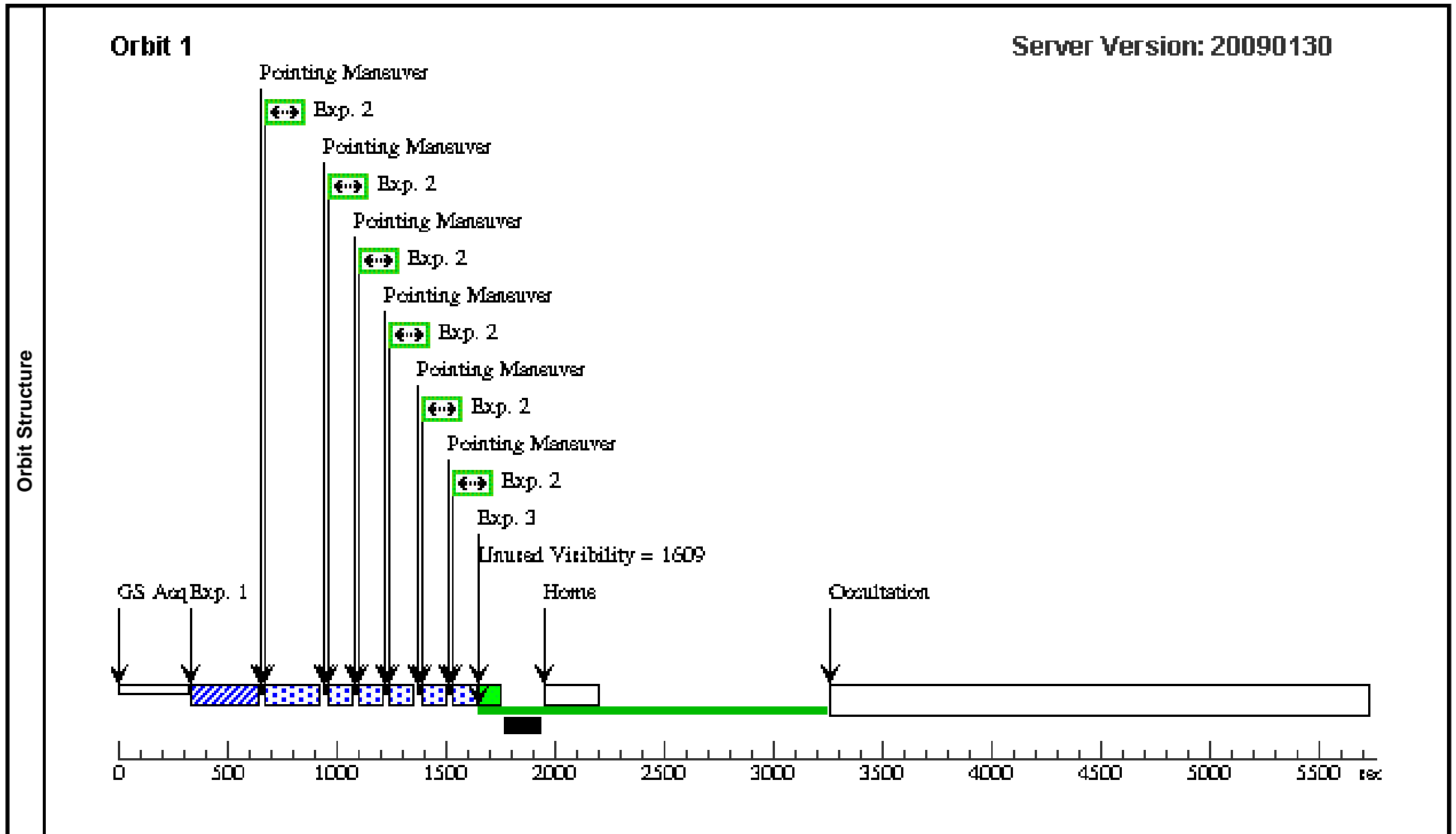
Visit	Proposal 11567, Visit 13, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	HD055522	RA: 07 12 12.2150 (108.0508958d) Dec: -25 56 33.32 (-25.94259d) Equinox: J2000	Proper Motion RA: -0.000391445s/yr Proper Motion Dec: 0.008620000"/yr Parallax: 0.00454" Epoch of Position: 2000.	V=5.910+/-0.1 SPEC=B2IV/V; B-V=-0.170; FL AM(1965)=1.33300e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(13) HD055522	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			1.1 Secs [==>]	[1]
	2		(13) HD055522	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 14 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:23 GMT 2009

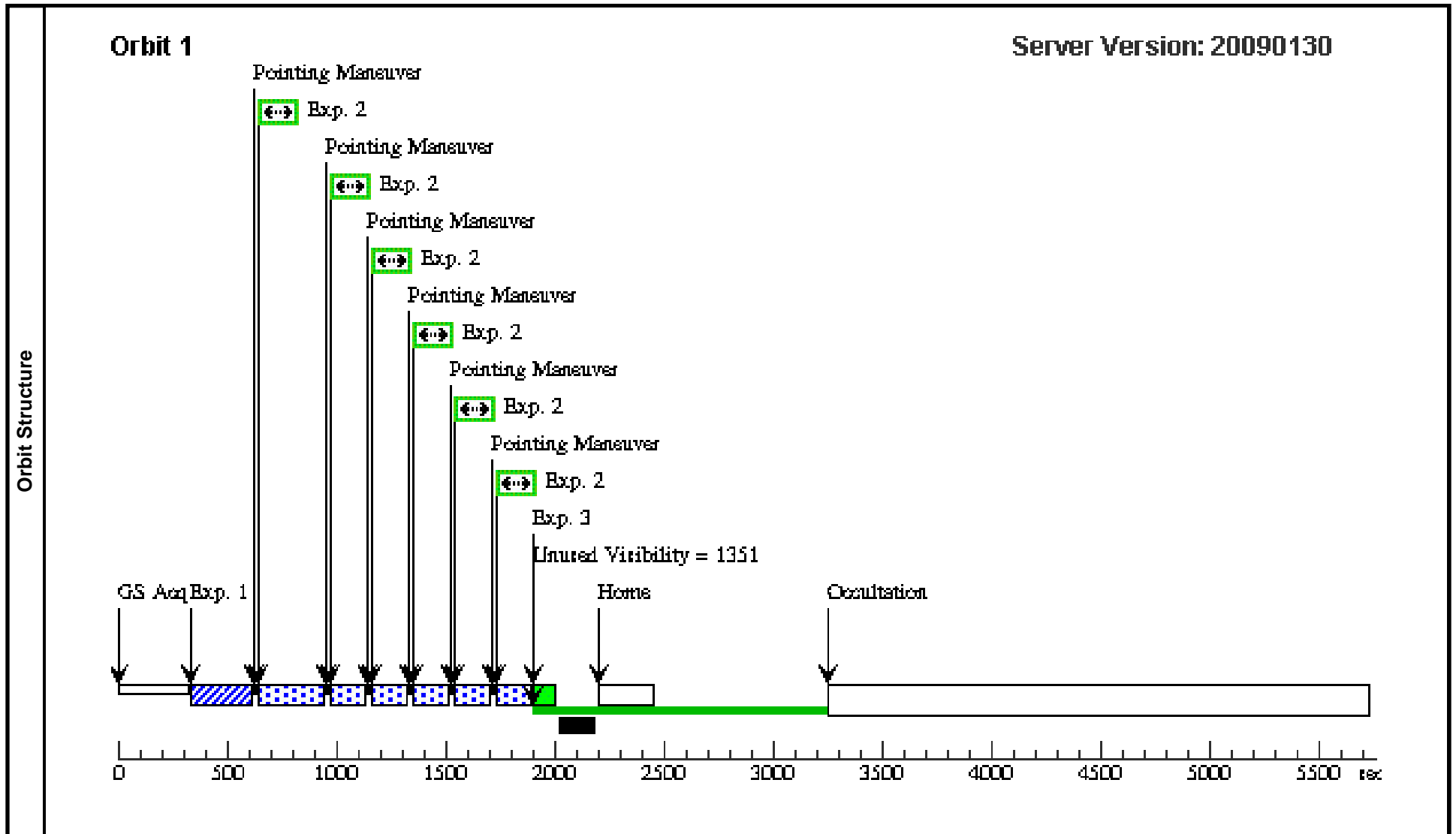
Visit	Proposal 11567, Visit 14, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	HD056139	RA: 07 14 48.6540 (108.7027250d) Dec: -26 46 21.60 (-26.77267d) Equinox: J2000	Proper Motion RA: -0.000858721s/yr Proper Motion Dec: 0.007670000"/yr Parallax: 0.00353" Epoch of Position: 2000.	V=4.010+/-0.1 SPEC=B2IV/Ve; B-V=-0.150; F LAM(1965)=7.55000e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) HD056139	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			5.0 Secs [==>]	[1]
	2		(14) HD056139	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	72.8 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 15 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:23 GMT 2009

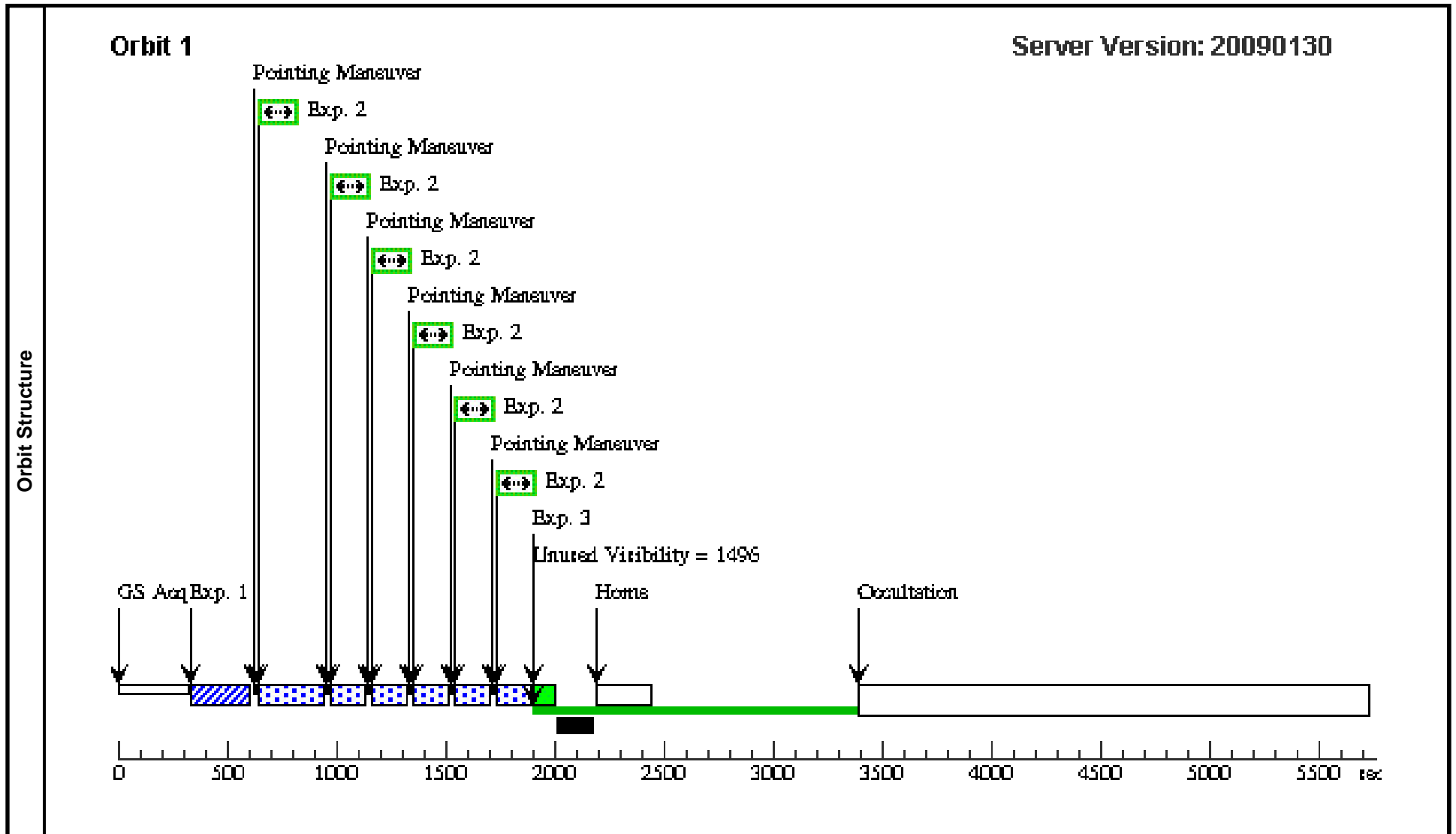
Visit	Proposal 11567, Visit 15, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	HD058050	RA: 07 24 27.6480 (111.1152000d) Dec: +15 31 1.90 (15.51719d) Equinox: J2000	Proper Motion RA: -0.000102399s/yr Proper Motion Dec: -0.001520000"/yr Parallax: 0.00067" Epoch of Position: 2000.	V=6.470+/-0.1 SPEC=B2Ve; B-V=-0.190; FLA M(1965)=1.15300e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) HD058050	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			1.8 Secs	
									[==>]	[1]
	2		(15) HD058050	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 16 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:23 GMT 2009

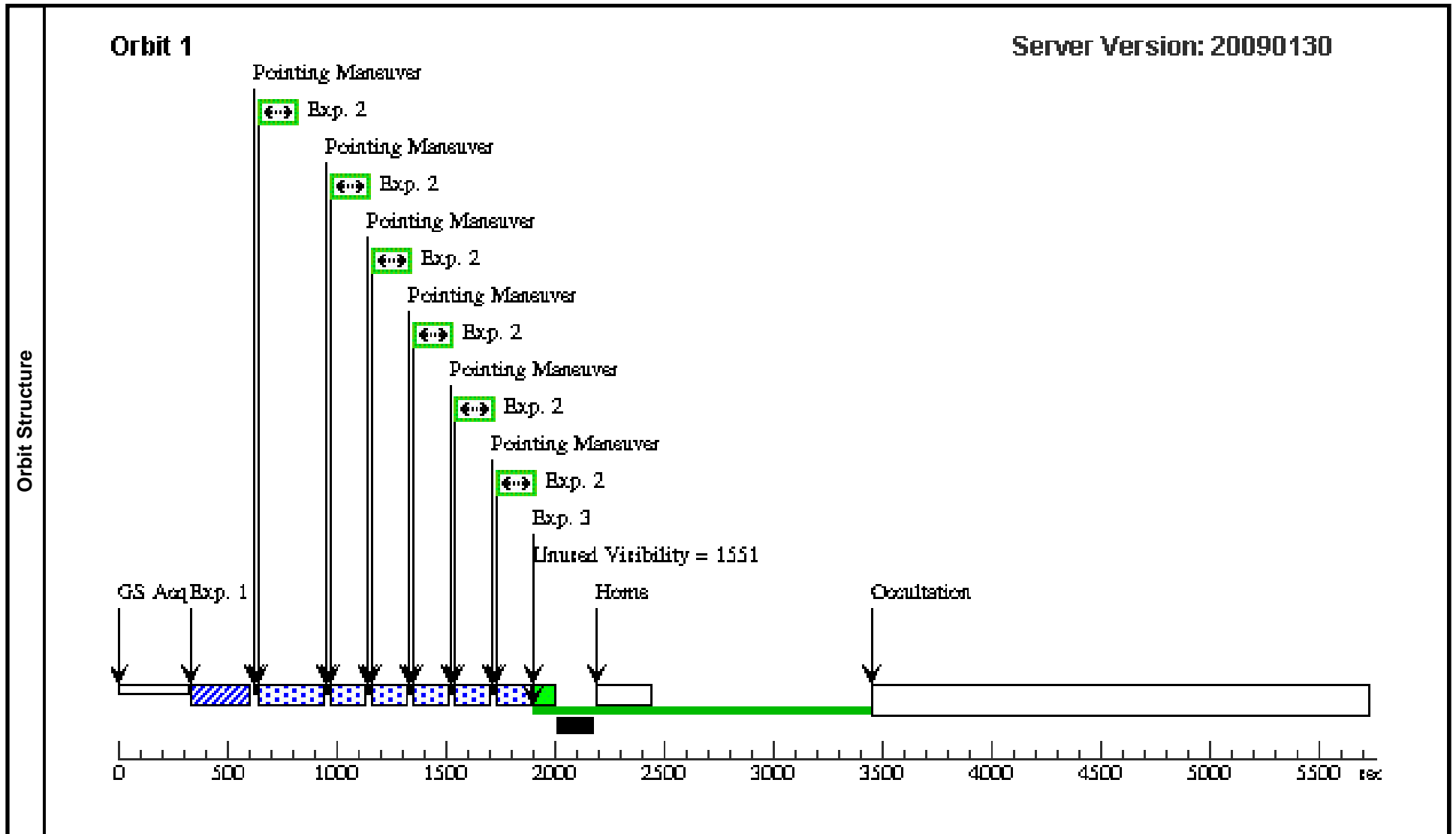
Visit	Proposal 11567, Visit 16, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	HD063578	RA: 07 47 31.5070 (116.8812792d) Dec: -46 36 30.56 (-46.60849d) Equinox: J2000	Proper Motion RA: -0.000346444s/yr Proper Motion Dec: 0.007950000"/yr Parallax: 0.00195" Epoch of Position: 2000.	V=5.220+/-0.1 SPEC=B1V; B-V=-0.151; FLA M(1965)=3.39600e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) HD063578	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.6 Secs	
									[==>]	[1]
	2		(16) HD063578	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 17 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:24 GMT 2009

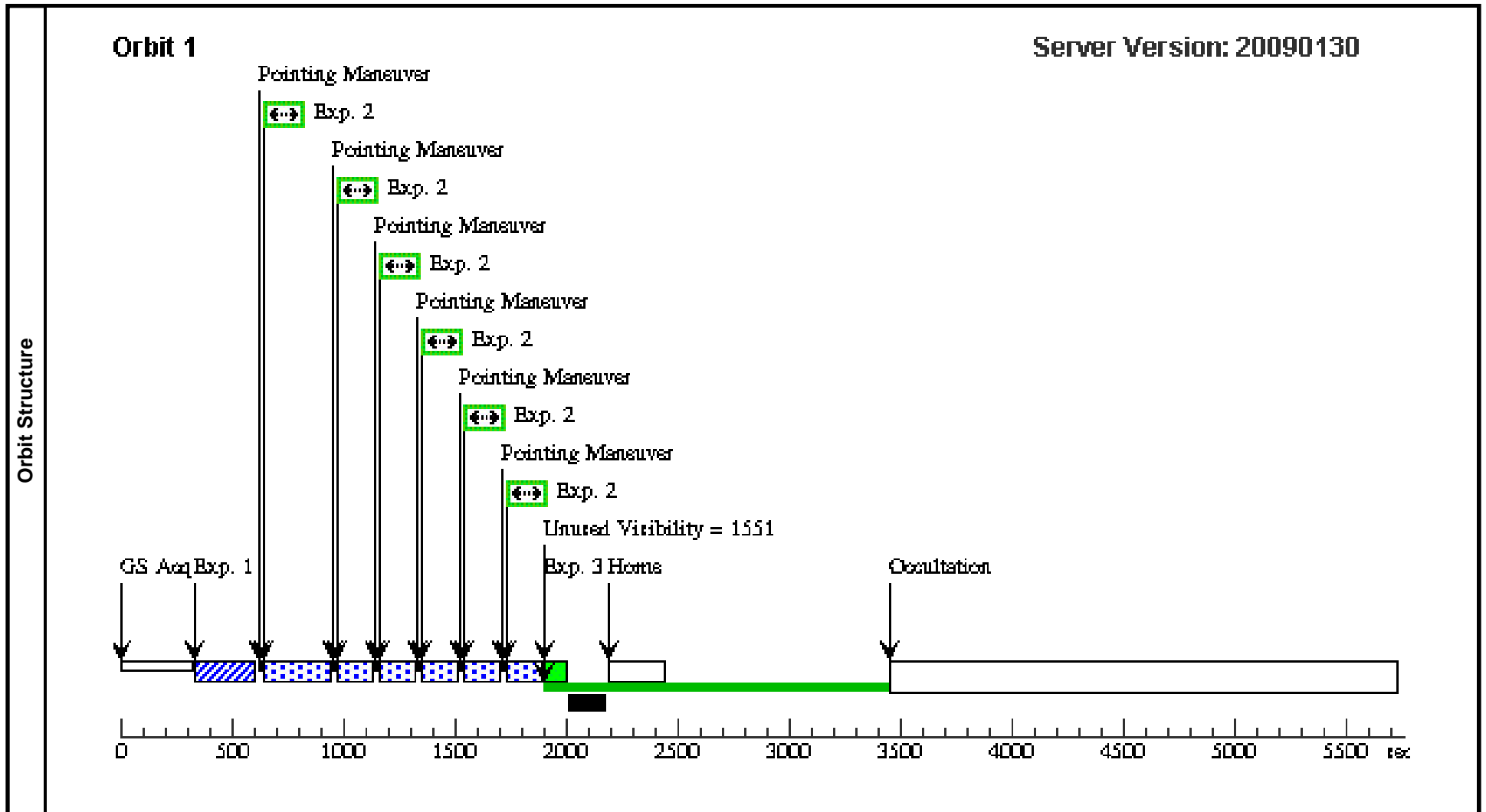
Visit	Proposal 11567, Visit 17, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	HD064722	RA: 07 52 29.7410 (118.1239208d) Dec: -54 22 1.79 (-54.36716d) Equinox: J2000	Proper Motion RA: -0.000622509s/yr Proper Motion Dec: 0.008010000"/yr Parallax: 0.00223" Epoch of Position: 2000.	V=5.700+/-0.1 SPEC=B1.5IV; B-V=-0.151; FL AM(1965)=2.19300e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) HD064722	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.9 Secs	
									[==>]	[1]
	2		(17) HD064722	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 51 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:24 GMT 2009

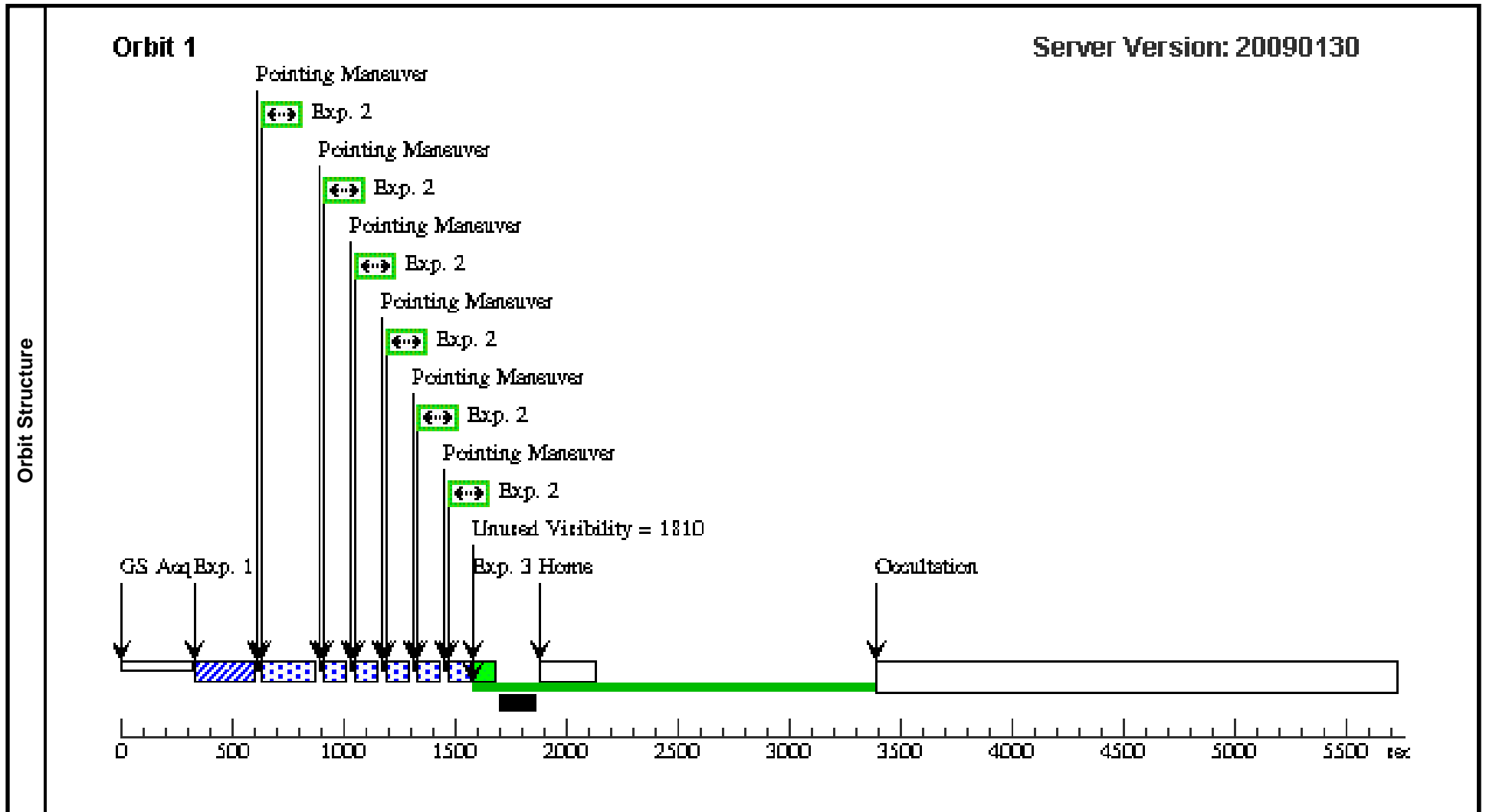
Visit	Proposal 11567, Visit 51 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 17.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true							(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(17)	HD064722	RA: 07 52 29.7410 (118.1239208d) Dec: -54 22 1.79 (-54.36716d) Equinox: J2000	Proper Motion RA: -0.000622509s/yr Proper Motion Dec: 0.008010000"/yr Parallax: 0.00223" Epoch of Position: 2000.	V=5.700+/-0.1 SPEC=B1.5IV; B-V=-0.151; FL AM(1965)=2.19300e-10		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) HD064722	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.9 Secs [==>]	[1]
	2		(17) HD064722	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 18 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:24 GMT 2009

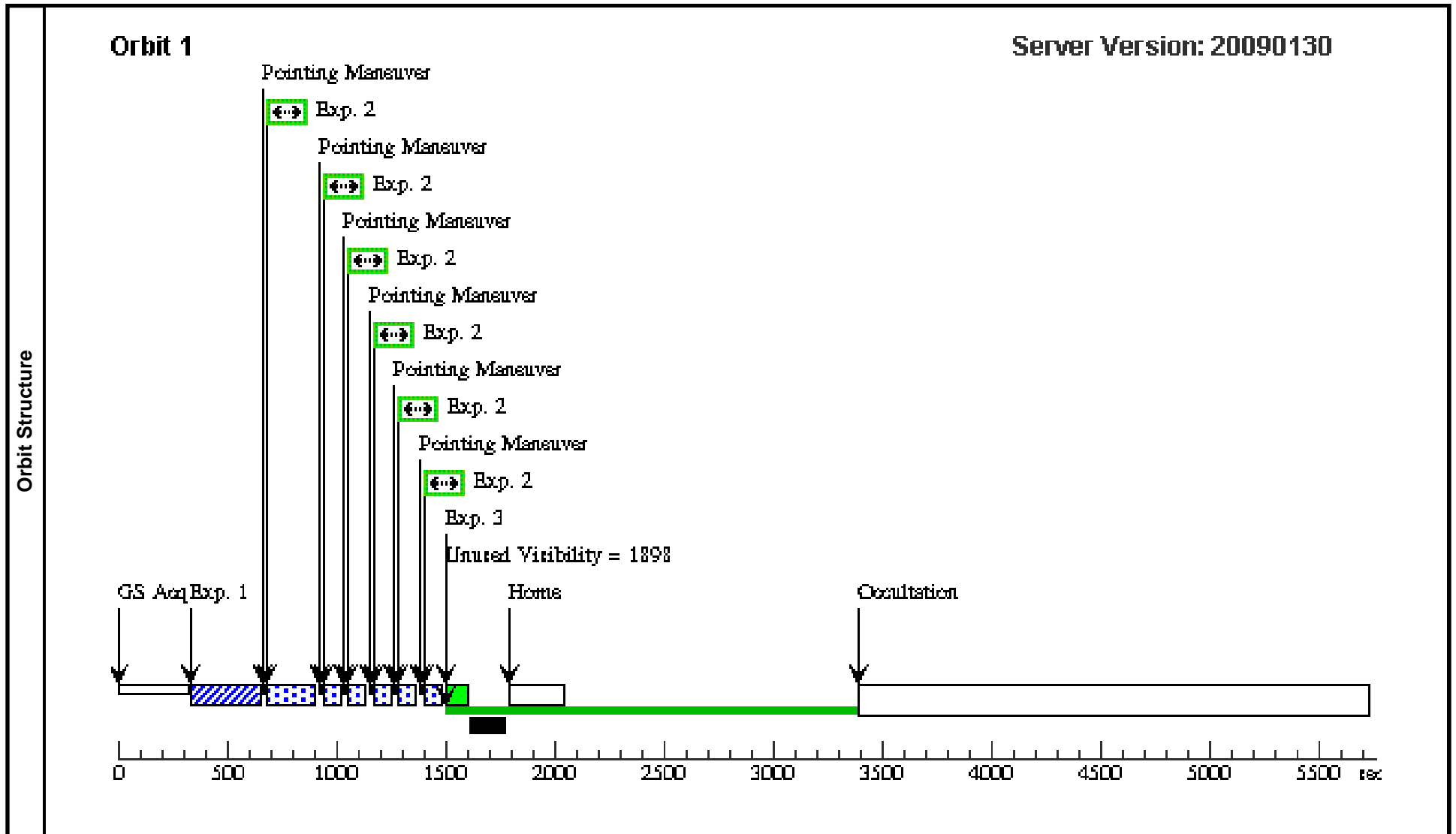
Visit	Proposal 11567, Visit 18, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(18)	HD064740	RA: 07 53 3.6350 (118.2651458d) Dec: -49 36 46.96 (-49.61304d) Equinox: J2000	Proper Motion RA: -0.000868384s/yr Proper Motion Dec: 0.014650000"/yr Parallax: 0.00453" Epoch of Position: 2000.	V=4.630+/-0.1 SPEC=B1.5Vp; B-V=-0.228; FL AM(1965)=8.15000e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(18) HD064740	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.3 Secs	
									[==>]	[1]
	2		(18) HD064740	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	67.5 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 19 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:24 GMT 2009

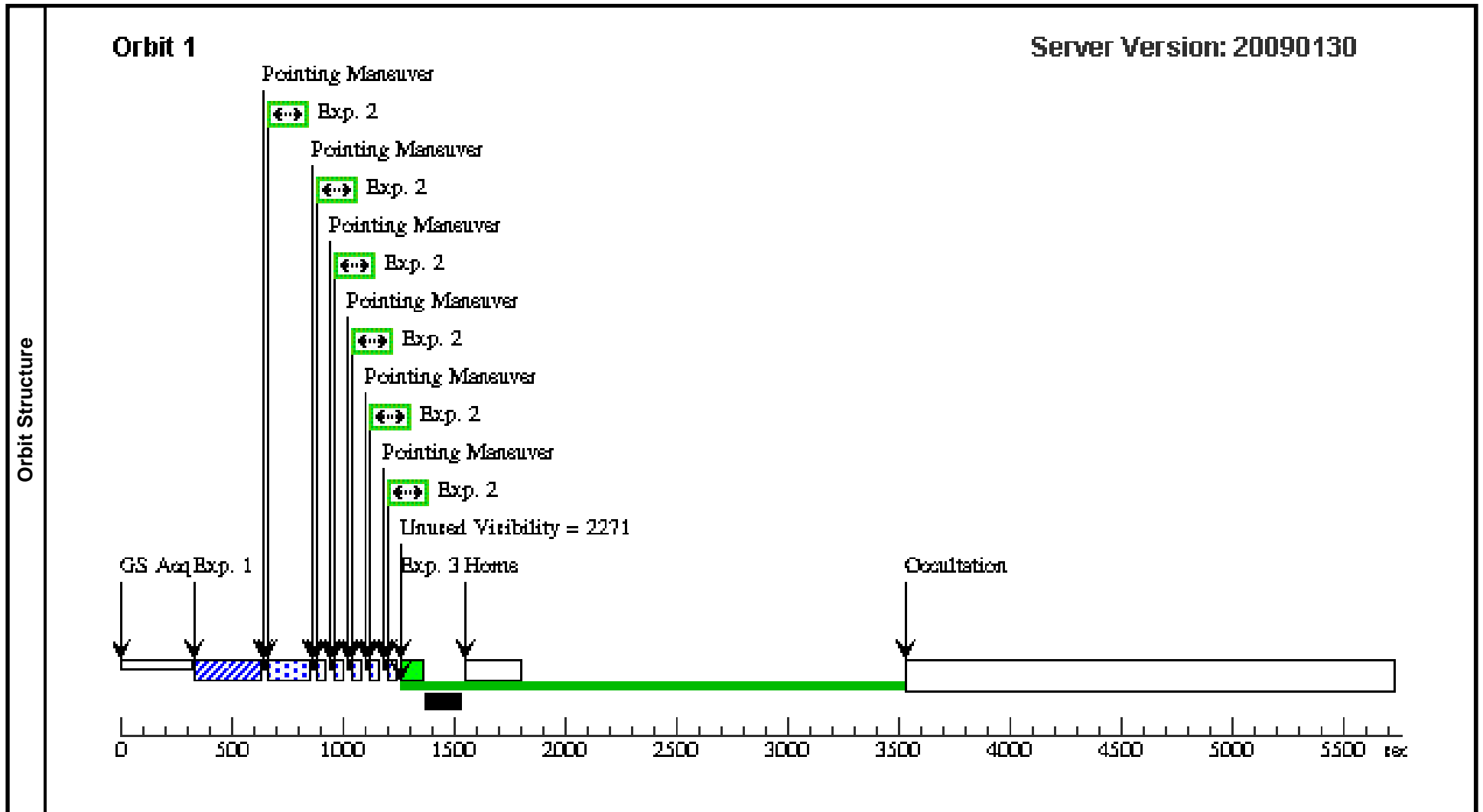
Visit	Proposal 11567, Visit 19, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(19)	HD068243	RA: 08 09 29.3260 (122.3721917d) Dec: -47 20 43.03 (-47.34529d) Equinox: J2000	Proper Motion RA: -0.0000589832s/yr Proper Motion Dec: 0.0097"/yr Epoch of Position: 2000.	V=4.200+/-0.1 SPEC=B11V; B-V=-0.195; FLA M(1965)=1.20000e-09	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) HD068243	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			6.0 Secs	
									[==>]	[1]
	2		(19) HD068243	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	45.8 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs	
									[==>]	[1]



Proposal 11567 - Visit 20 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:25 GMT 2009

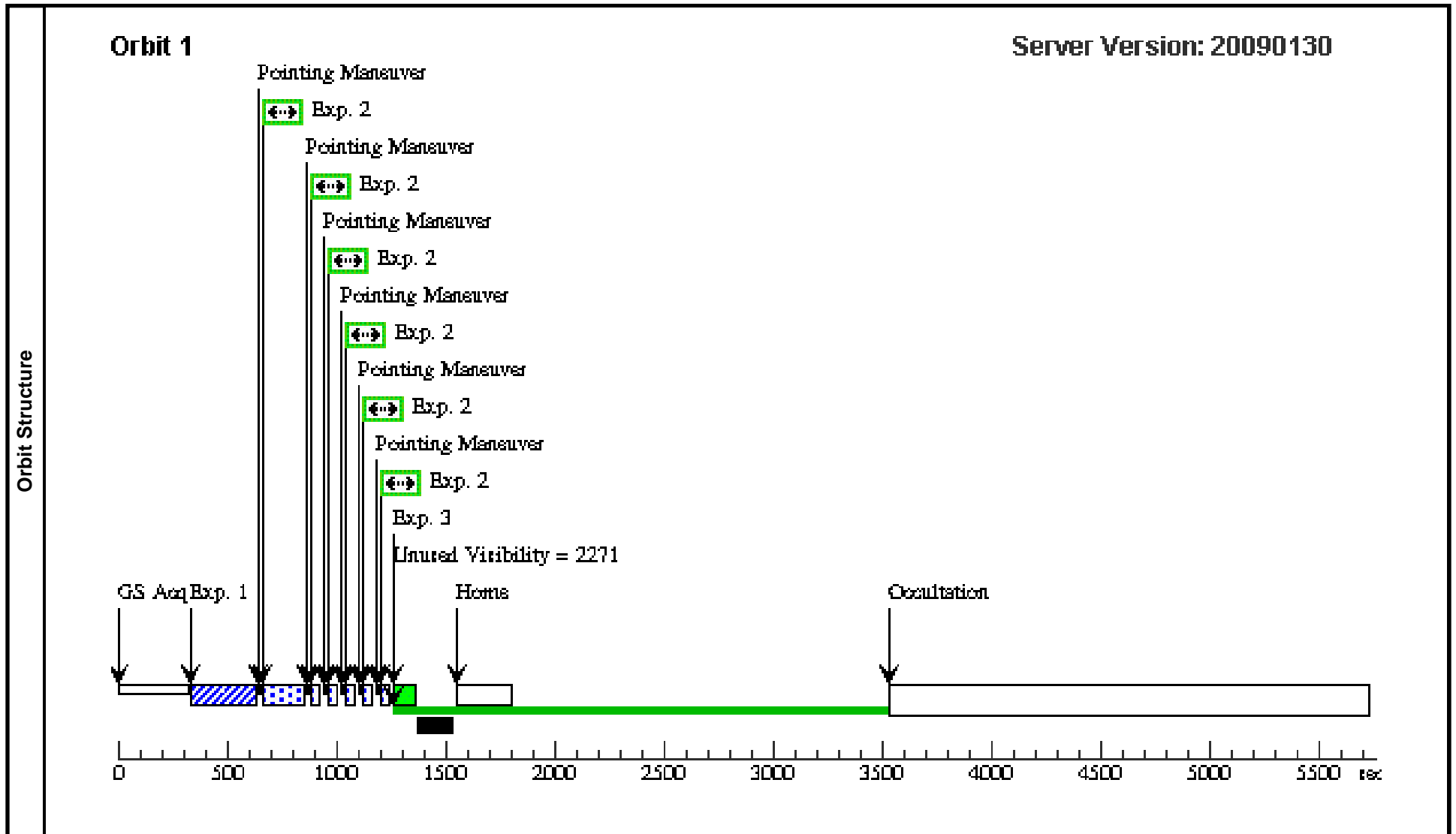
Visit	Proposal 11567, Visit 20, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	HD093030	RA: 10 42 57.4010 (160.7391708d) Dec: -64 23 40.02 (-64.39445d) Equinox: J2000	Proper Motion RA: -0.002910871s/yr Proper Motion Dec: 0.012060000"/yr Parallax: 0.00743" Epoch of Position: 2000.	V=2.740+/-0.1 SPEC=B0Vp; B-V=-0.220; FLA M(1965)=6.50000e-09	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(20) HD093030	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.6 Secs	
									[==>]	[1]
	2		(20) HD093030	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	8.5 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 52 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:25 GMT 2009

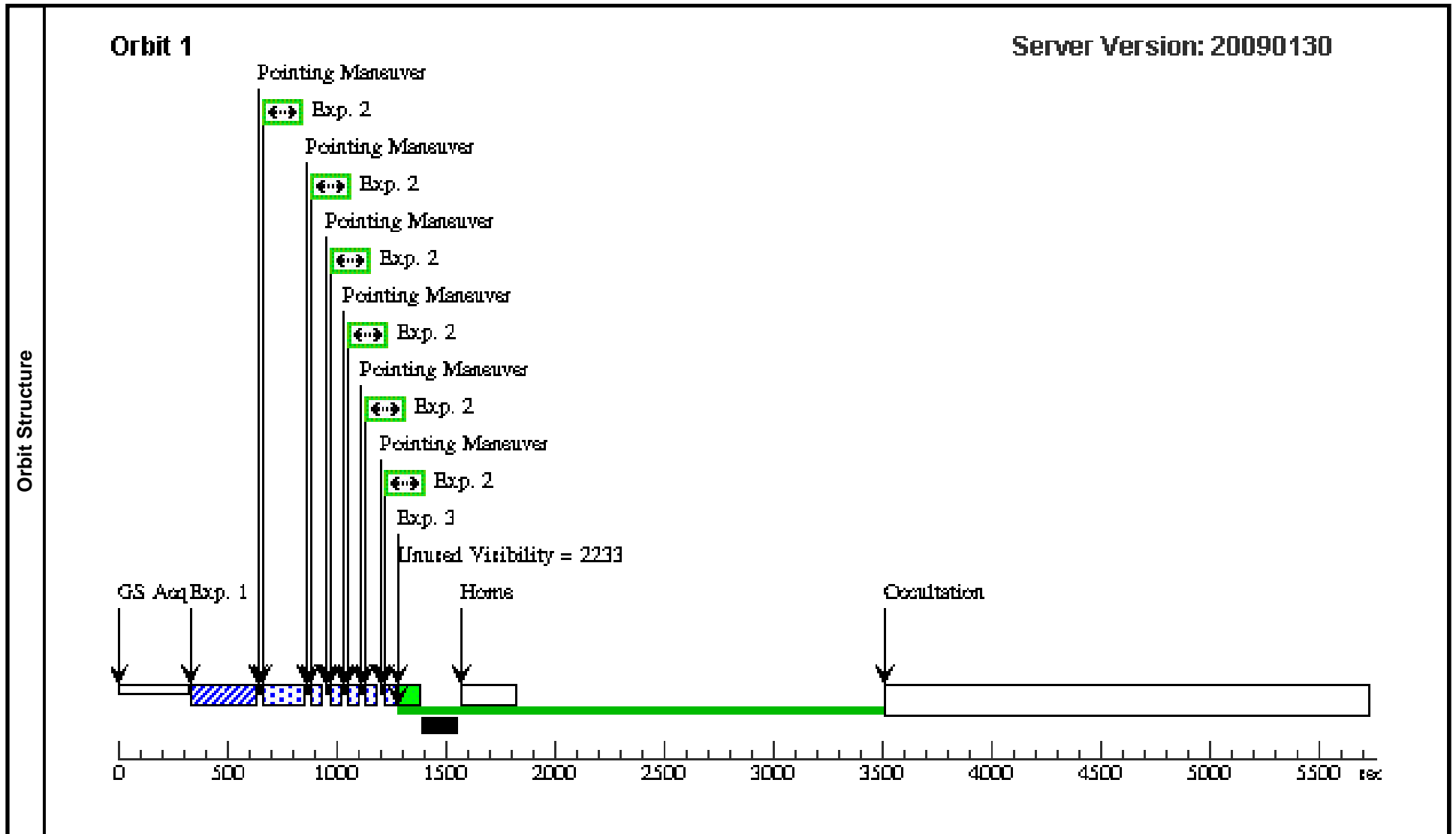
Visit	Proposal 11567, Visit 52 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 20</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true							(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(20)	HD093030	RA: 10 42 57.4010 (160.7391708d) Dec: -64 23 40.02 (-64.39445d) Equinox: J2000	Proper Motion RA: -0.002910871s/yr Proper Motion Dec: 0.012060000"/yr Parallax: 0.00743" Epoch of Position: 2000.	V=2.740+/-0.1 SPEC=B0Vp; B-V=-0.220; FLA M(1965)=6.50000e-09		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(20) HD093030	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4				1.6 Secs [==>]	[1]
	2	(20) HD093030	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4	Pattern 2, Exps 2-2 (2)			8.5 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3	WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A					60 Secs [==>]	[1]



Proposal 11567 - Visit 21 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:25 GMT 2009

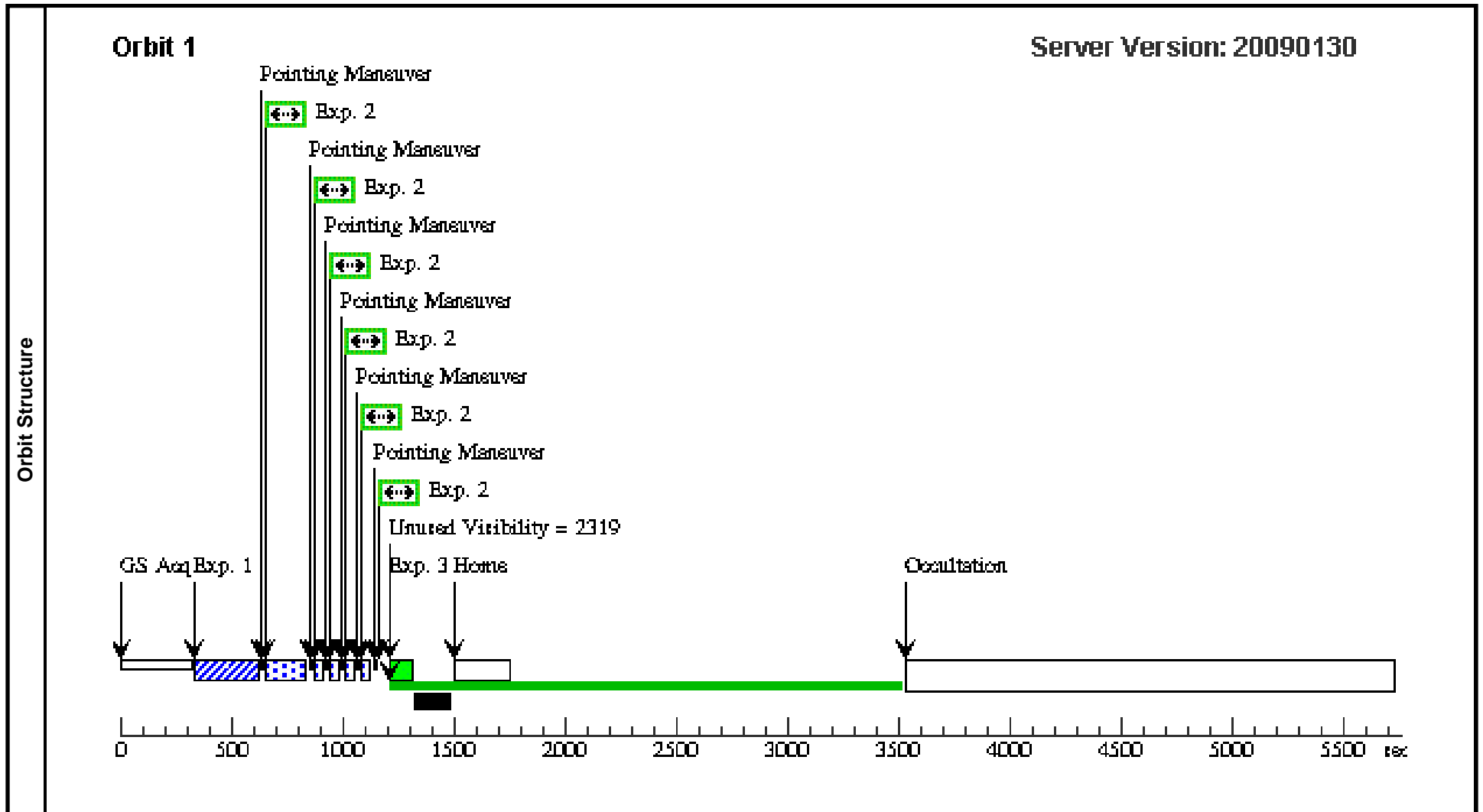
Visit	Proposal 11567, Visit 21, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true					(2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(21)	HD106490	RA: 12 15 8.7160 (183.7863167d) Dec: -58 44 56.14 (-58.74893d) Equinox: J2000	Proper Motion RA: -0.004713539s/yr Proper Motion Dec: -0.010720000"/yr Parallax: 0.00896" Epoch of Position: 2000.	V=2.790+/-0.1 SPEC=B2IV; B-V=-0.193; FLA M(1965)=4.21400e-09	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(21) HD106490	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.6 Secs	
									[==>]	[1]
	2		(21) HD106490	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	13.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 22 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:26 GMT 2009

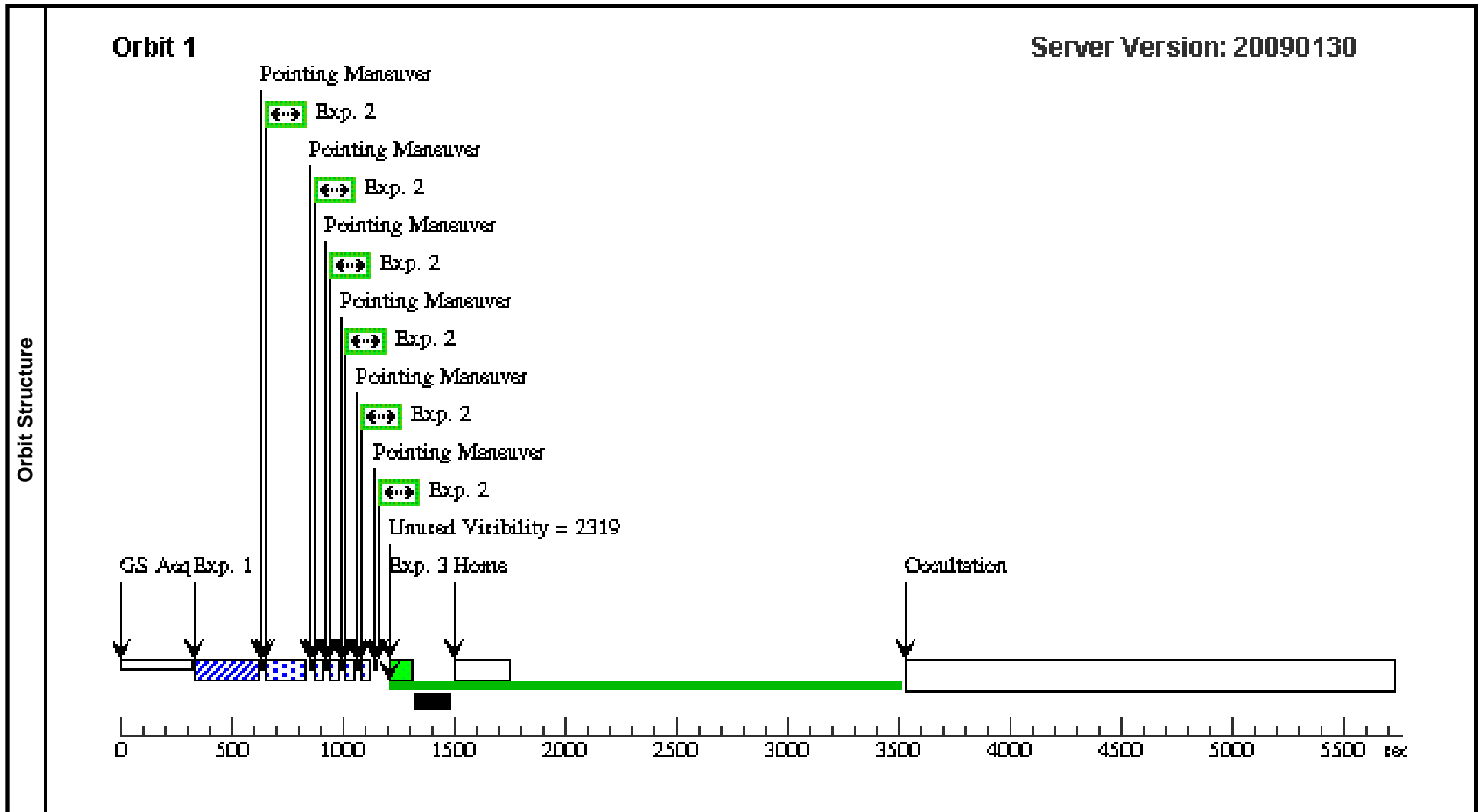
Visit	Proposal 11567, Visit 22, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(22)	HD108248	RA: 12 26 35.8960 (186.6495667d) Dec: -63 05 56.73 (-63.09909d) Equinox: J2000	Proper Motion RA: -0.005211639s/yr Proper Motion Dec: -0.014730000"/yr Parallax: 0.01017" Epoch of Position: 2000.	V=1.330+/-0.1 SPEC=B0.5IV; B-V=-0.243; FL AM(1965)=3.00000e-08	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(22) HD108248	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			0.4 Secs	
									[==>]	[1]
	2		(22) HD108248	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	1.8 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 53 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:26 GMT 2009

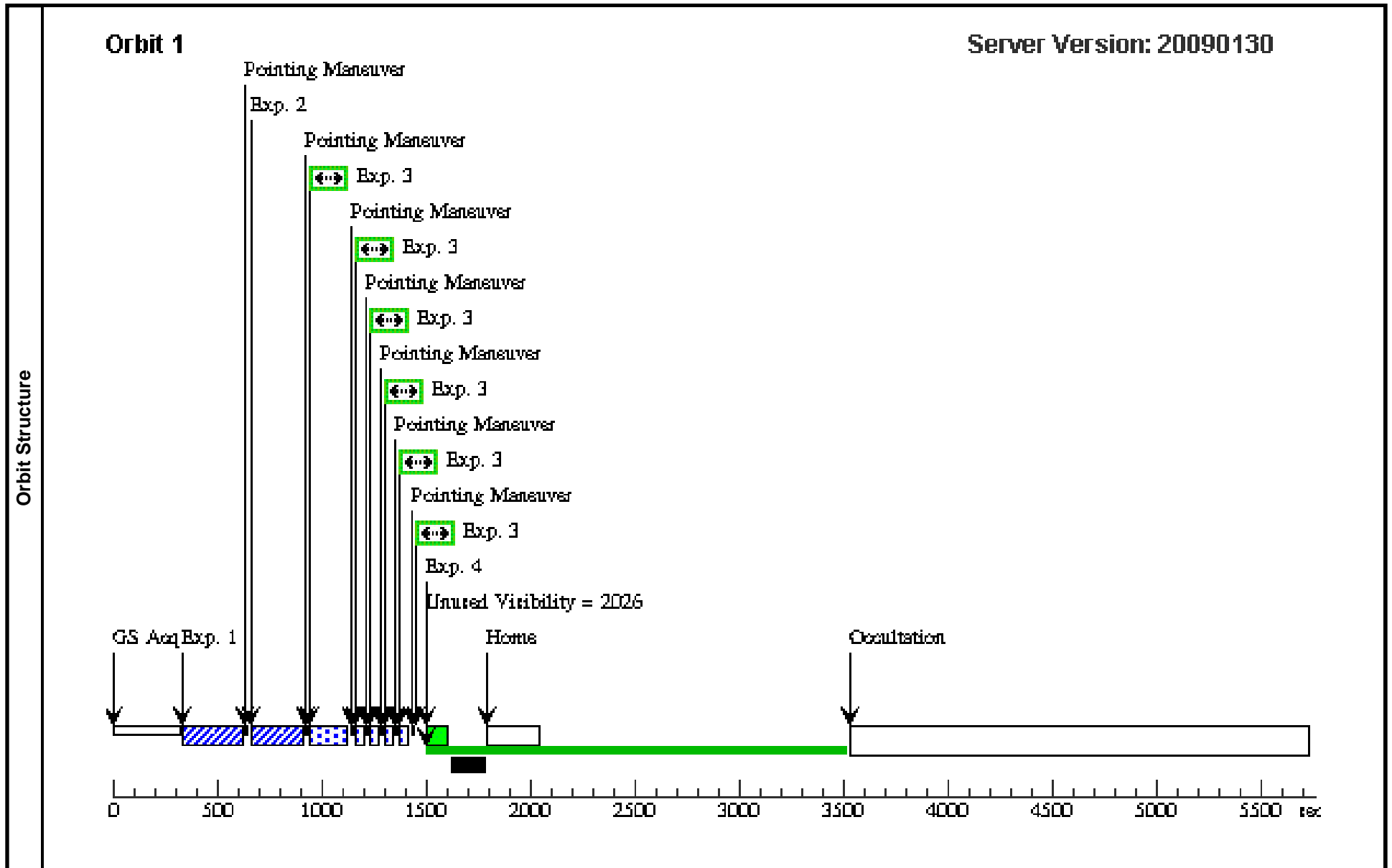
Visit	Proposal 11567, Visit 53 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) Comments: Copy of visit 22									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(22)	HD108248	RA: 12 26 35.8960 (186.6495667d) Dec: -63 05 56.73 (-63.09909d) Equinox: J2000	Proper Motion RA: -0.005211639s/yr Proper Motion Dec: -0.014730000"/yr Parallax: 0.01017" Epoch of Position: 2000.	V=1.330+/-0.1 SPEC=B0.51V; B-V=-0.243; FL AM(1965)=3.00000e-08	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(22) HD108248	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			0.4 Secs [==>]	[1]
	2		(22) HD108248	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	1.8 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 23 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:27 GMT 2009

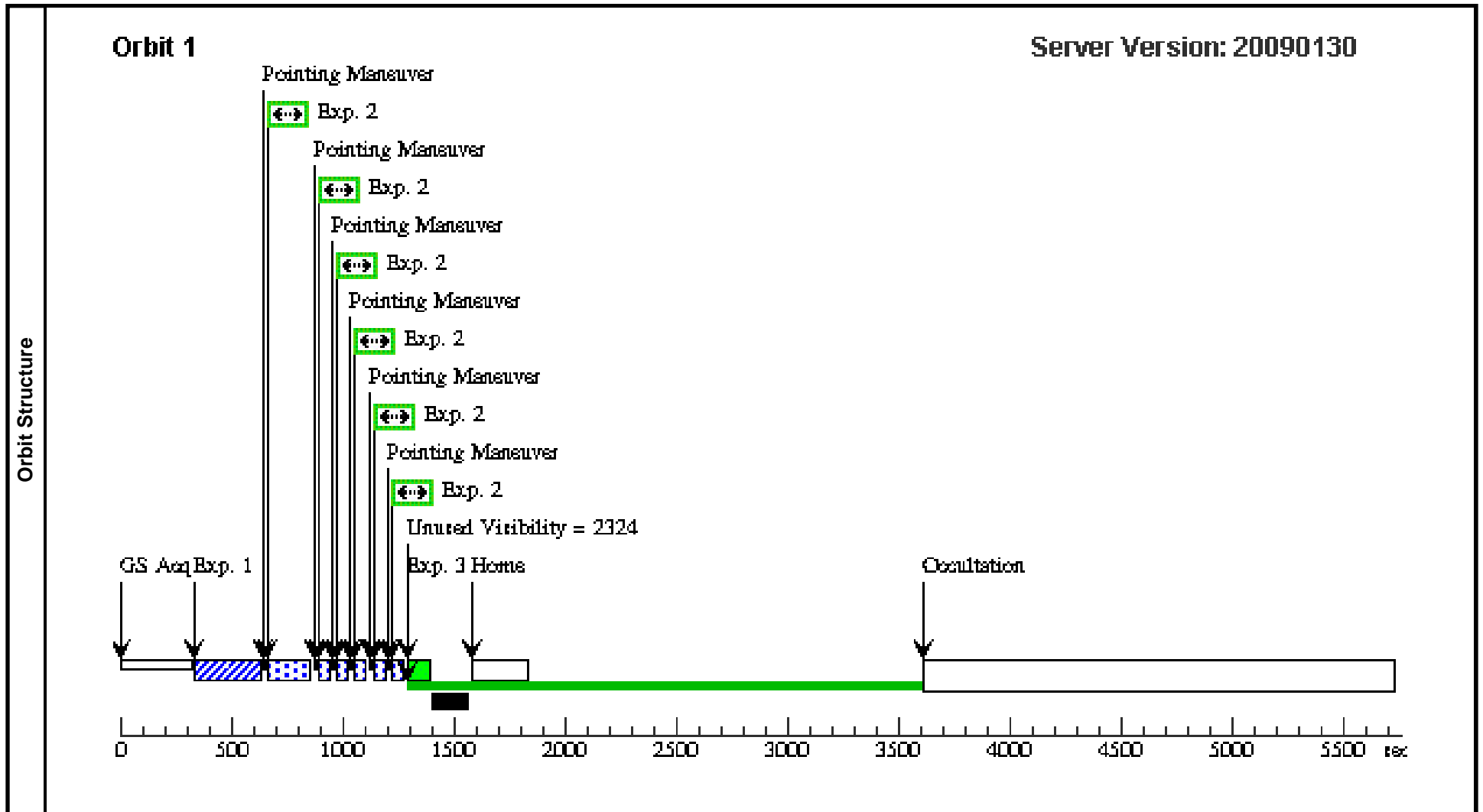
Visit	Proposal 11567, Visit 23, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: The target for visit 23, HD 108249 is only 4" from the slightly brighter star HD 108248 (target 22). A slightly bigger than expected pointing error could put both stars in the ACQ subarray, causing the wrong one to be observed, but our knowledge of the relative offset isn't good enough to do a blind offset from the brighter to the fainter one, and an offset followed by a pickup would take more time than we want to spend. So instead, we will first do an ACQ on the brighter of the two stars. This should cancel out any pointing errors due to the guide star coordinate accuracy, and ensure that the second ACQ image only contains the fainter target HD 108249.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true							(3)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(22)	HD108248	RA: 12 26 35.8960 (186.6495667d) Dec: -63 05 56.73 (-63.09909d) Equinox: J2000	Proper Motion RA: -0.005211639s/yr Proper Motion Dec: -0.014730000"/yr Parallax: 0.01017" Epoch of Position: 2000.	V=1.330+/-0.1 SPEC=B0.5IV; B-V=-0.243; FL AM(1965)=3.00000e-08	Reference Frame: ICRS				
	(23)	HD108249	RA: 12 26 36.4420 (186.6518417d) Dec: -63 05 58.15 (-63.09949d) Equinox: J2000	Proper Motion RA: -0.006266723s/yr Proper Motion Dec: -0.007690000"/yr Parallax: 0.01017" Epoch of Position: 2000.	V=1.730+/-0.1 SPEC=B1V; B-V=-0.210; FLA M(1965)=2.50000e-08	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(22) HD108248	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			0.4 Secs [==>]	[1]
	2		(23) HD108249	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			0.6 Secs [==>]	[1]
	3		(23) HD108249	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 3-3 (2)	2.2 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	4		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 24 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:27 GMT 2009

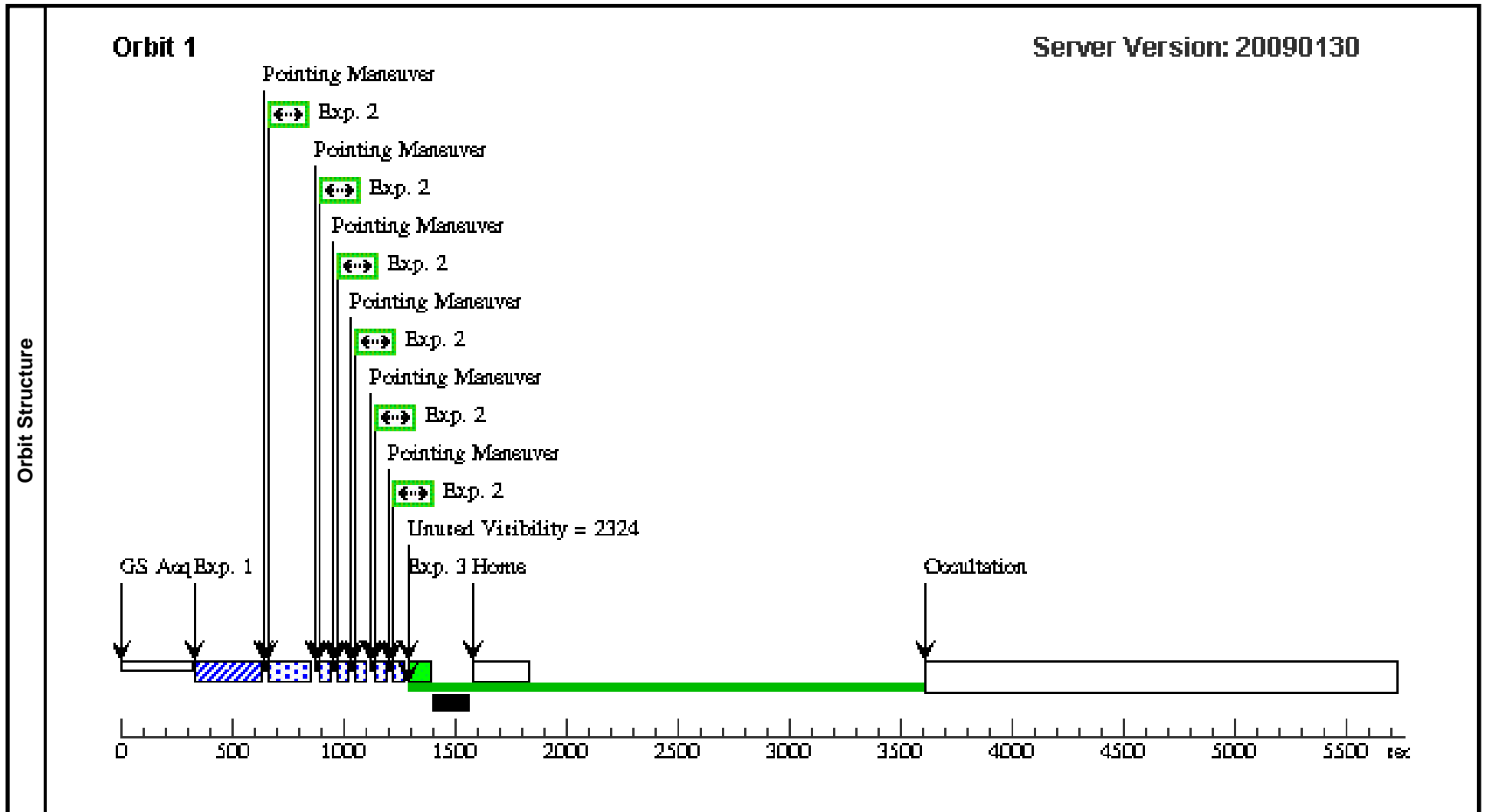
Visit	Proposal 11567, Visit 24, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true					(2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(24)	HD109668	RA: 12 37 11.0180 (189.2959083d) Dec: -69 08 8.03 (-69.13556d) Equinox: J2000	Proper Motion RA: -0.007462978s/yr Proper Motion Dec: -0.012440000"/yr Parallax: 0.01067" Epoch of Position: 2000.		V=2.690+/-0.1 SPEC=B2IV-V; B-V=-0.176; F LAM(1965)=4.14200e-09	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(24) HD109668	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.5 Secs	
									[==>]	[1]
	2		(24) HD109668	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	13.3 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 54 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:27 GMT 2009

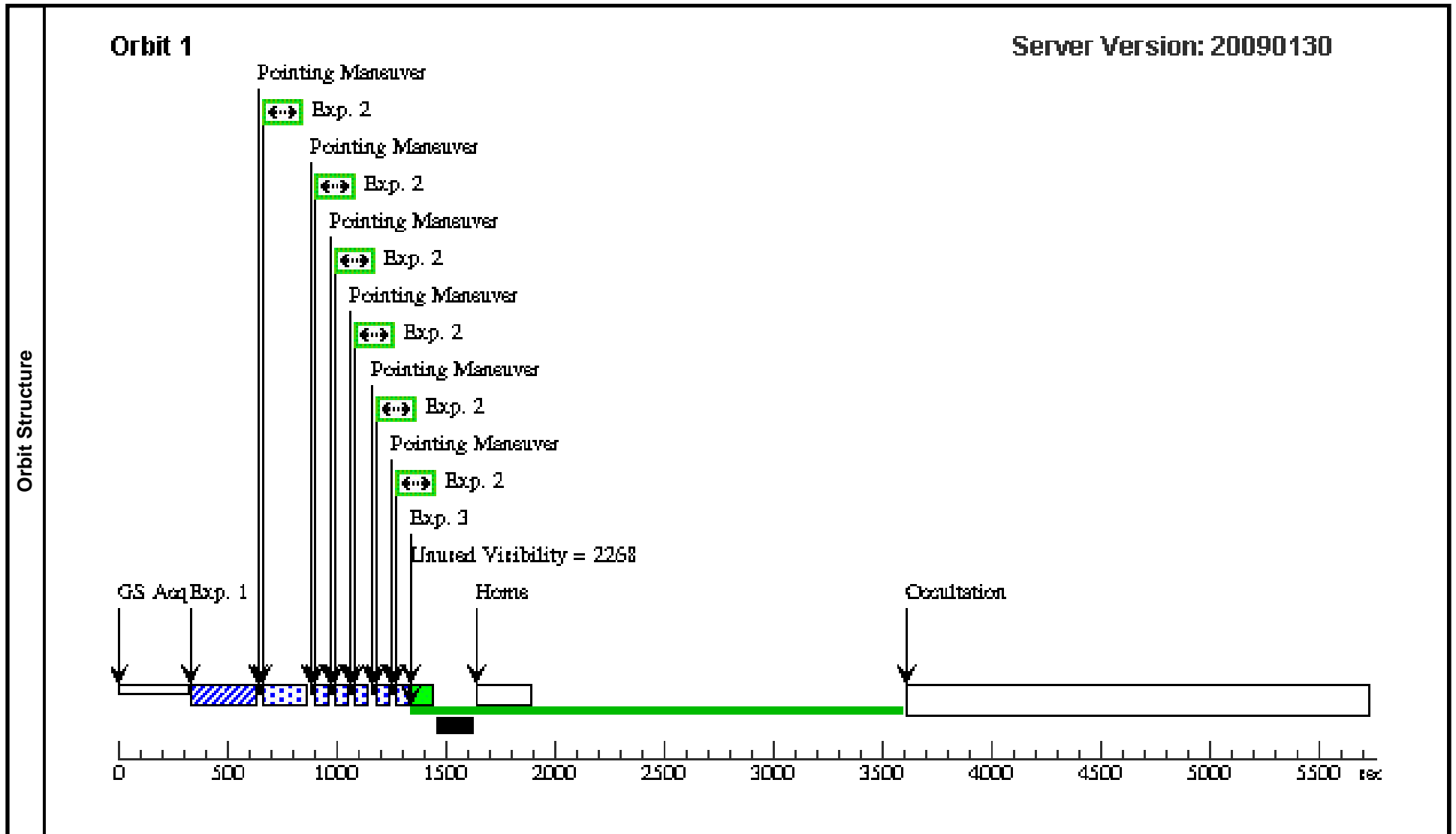
Visit	Proposal 11567, Visit 54 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 24</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT		Coordinate Frame=POS-TARG						(2)
		Purpose=DITHER		Pattern Orientation=90.0						
		Number Of Points=6		Angle Between Sides=						
		Point Spacing=0.431035		Center Pattern=true						
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(24)	HD109668	RA: 12 37 11.0180 (189.2959083d) Dec: -69 08 8.03 (-69.13556d) Equinox: J2000		Proper Motion RA: -0.007462978s/yr Proper Motion Dec: -0.012440000"/yr Parallax: 0.01067" Epoch of Position: 2000.		V=2.690+/-0.1 SPEC=B2IV-V; B-V=-0.176; F LAM(1965)=4.14200e-09	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(24) HD109668	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.5 Secs [==>]	[1]
	2		(24) HD109668	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	13.3 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 25 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:28 GMT 2009

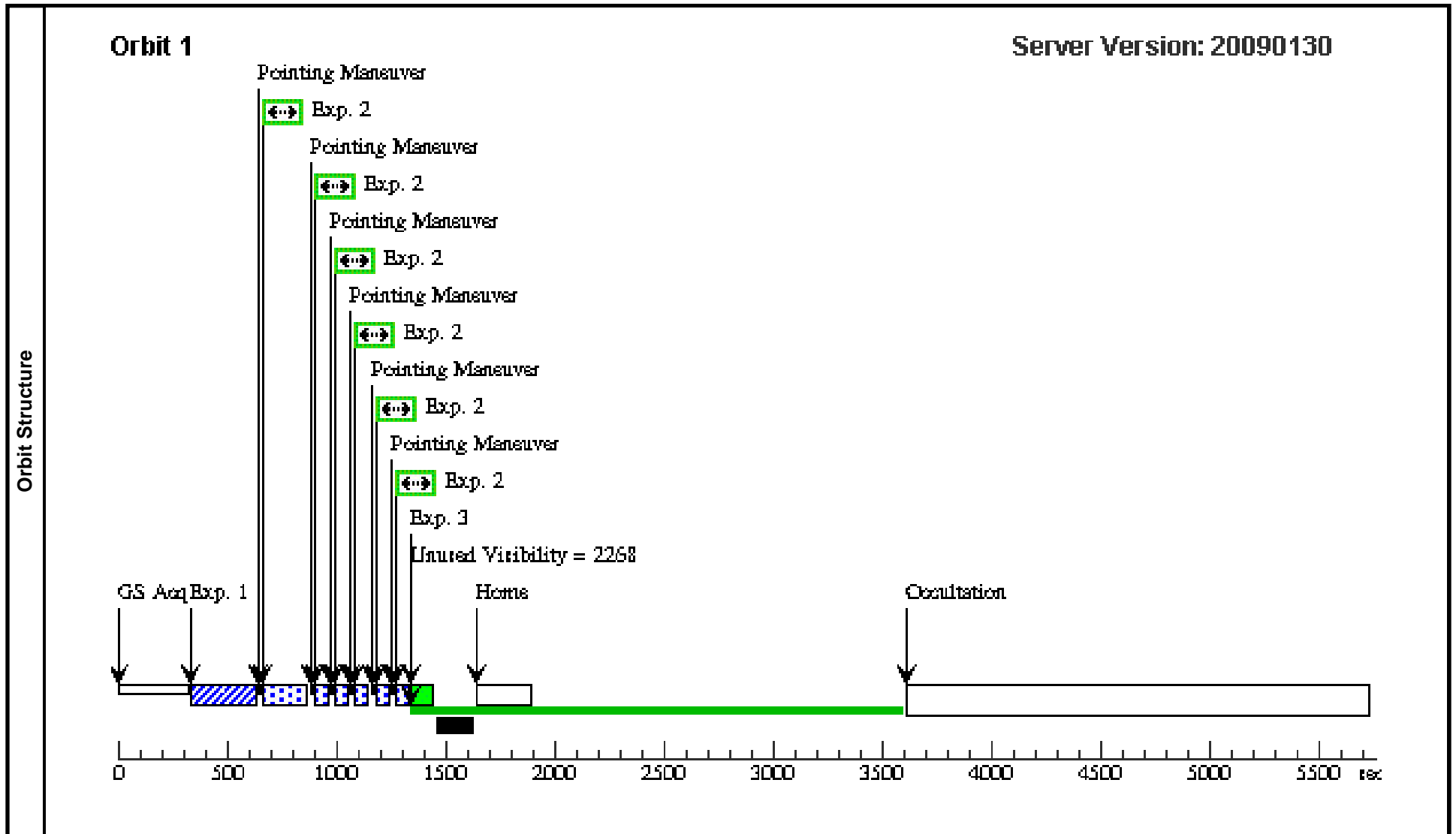
Visit	Proposal 11567, Visit 25, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true					(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(25)	HD110879	RA: 12 46 16.8060 (191.5700250d) Dec: -68 06 29.23 (-68.10812d) Equinox: J2000		Proper Motion RA: -0.007223516s/yr Proper Motion Dec: -0.010320000"/yr Parallax: 0.01048" Epoch of Position: 2000.		V=3.040+/-0.1 SPEC=B2V; B-V=-0.178; FLA M(1965)=2.49200e-09	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(25) HD110879	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			2 Secs	
									[==>]	[1]
	2		(25) HD110879	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	22.1 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 55 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:28 GMT 2009

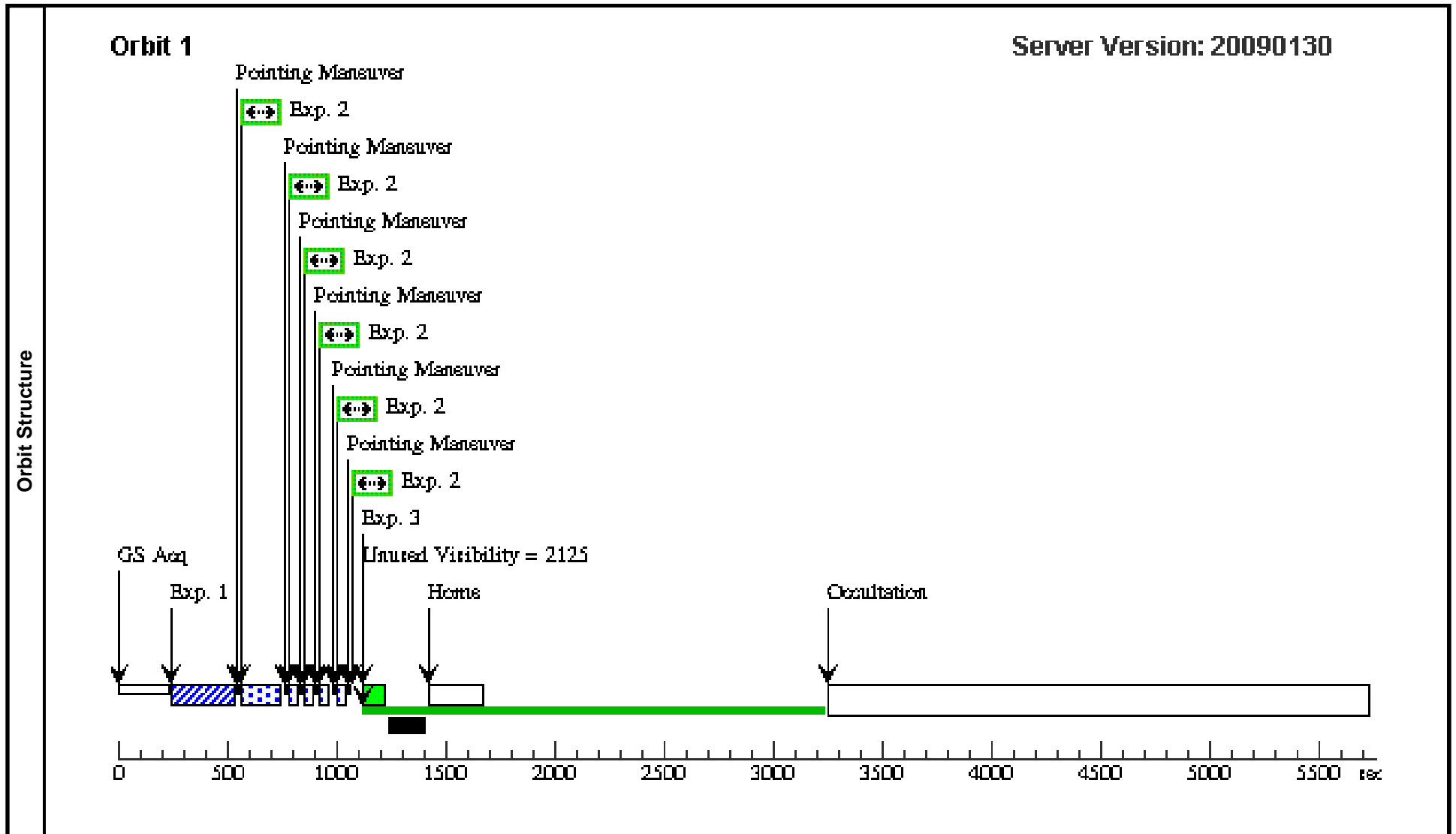
Visit	Proposal 11567, Visit 55 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 25</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT		Coordinate Frame=POS-TARG						(2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(25)	HD110879	RA: 12 46 16.8060 (191.5700250d) Dec: -68 06 29.23 (-68.10812d) Equinox: J2000		Proper Motion RA: -0.007223516s/yr Proper Motion Dec: -0.010320000"/yr Parallax: 0.01048" Epoch of Position: 2000.		V=3.040+/-0.1 SPEC=B2V; B-V=-0.178; FLA M(1965)=2.49200e-09	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(25) HD110879	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4				2 Secs [==>]	[1]
	2	(25) HD110879	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	22.1 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
	3	WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]	



Proposal 11567 - Visit 26 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:28 GMT 2009

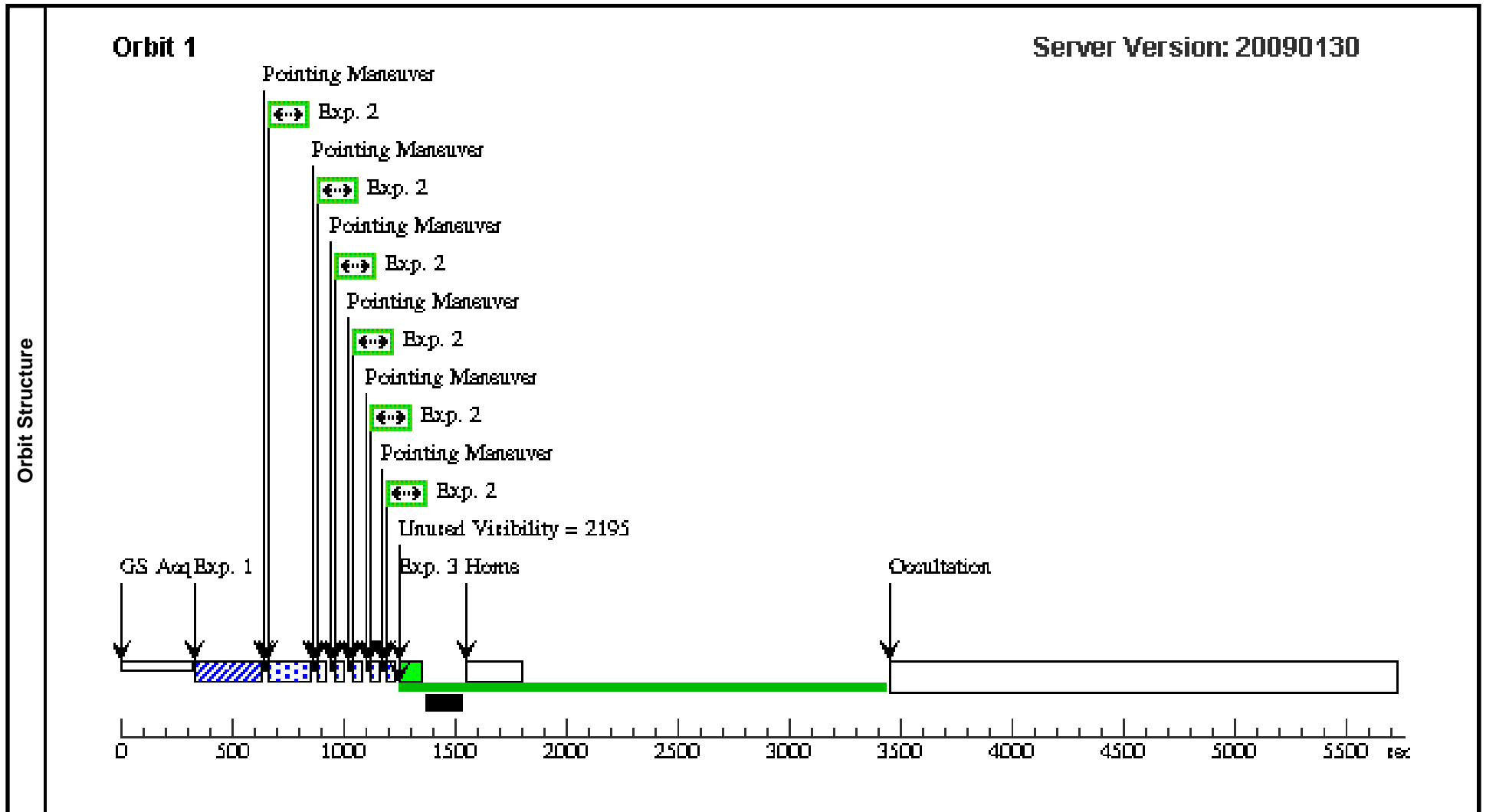
Visit	Proposal 11567, Visit 26, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true					(2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(26)	HD116658	RA: 13 25 11.5790 (201.2982458d) Dec: -11 09 40.76 (-11.16132d) Equinox: J2000	Proper Motion RA: -0.002887956s/yr Proper Motion Dec: -0.031730000"/yr Parallax: 0.01244" Epoch of Position: 2000.	V=1.040+/-0.1 SPEC=B1III-IV+; B-V=-0.240; FLAM(1965)=1.95400e-08	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(26) HD116658	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4	GS ACQ SCENARI O SINGLE		0.3 Secs [==>]	[1]
	2		(26) HD116658	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	2.8 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 27 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:29 GMT 2009

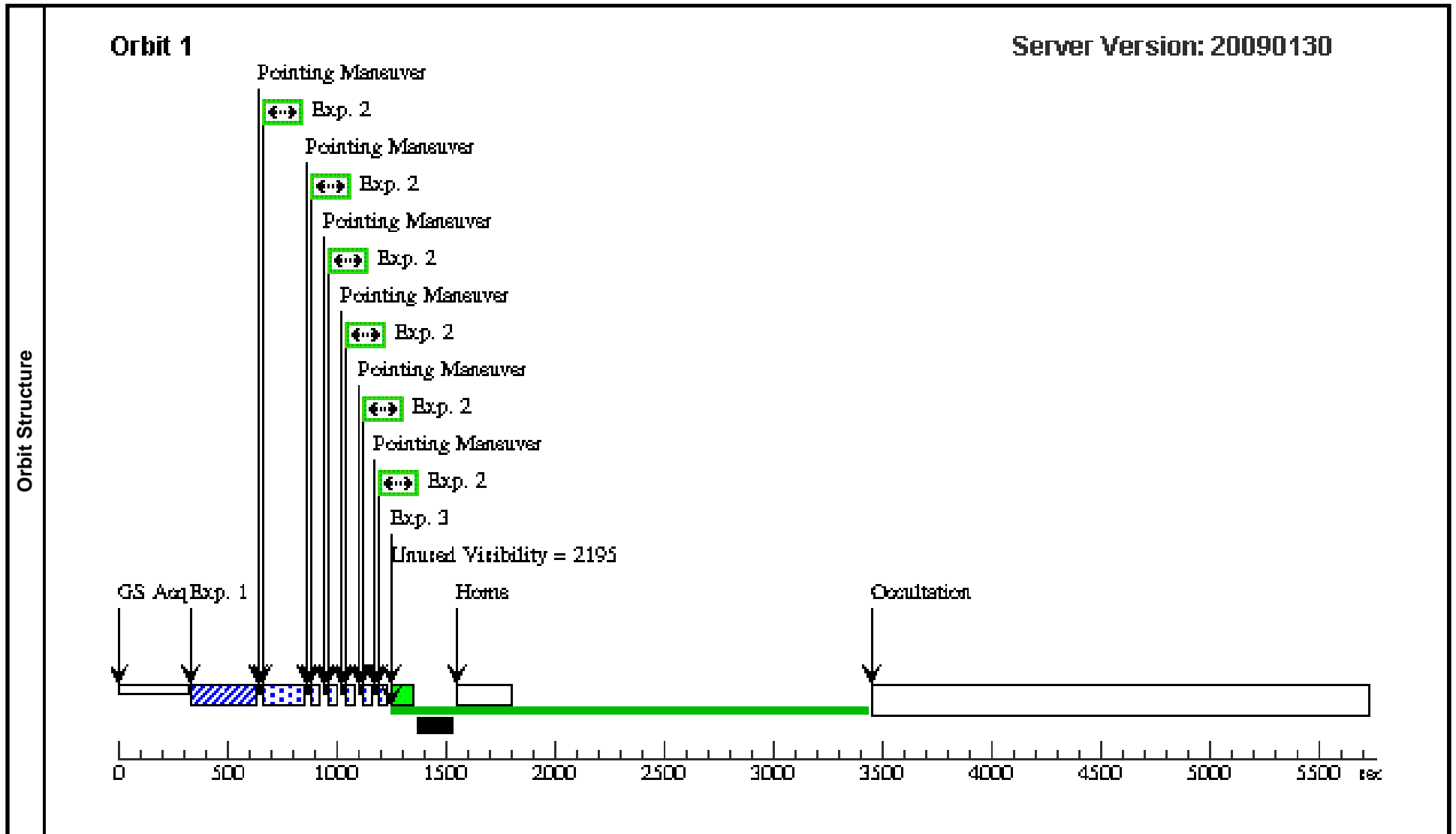
Visit	Proposal 11567, Visit 27, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern			Exposures			
(2)		Pattern Type=STIS-ALONG-SLIT Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90.0 Number Of Points=6 Angle Between Sides= Point Spacing=0.431035 Center Pattern=true Line Spacing=				(2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(27)	HD118716	RA: 13 39 53.2580 (204.9719083d) Dec: -53 27 59.02 (-53.46639d) Equinox: J2000	Proper Motion RA: -0.001635046s/yr Proper Motion Dec: -0.012790000"/yr Parallax: 0.00868" Epoch of Position: 2000.	V=2.290+/-0.1 SPEC=B1III; B-V=-0.171; FLA M(1965)=6.50000e-09	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(27) HD118716	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.0 Secs	
									[==>]	[1]
	2		(27) HD118716	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	8.5 Secs	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs	[==>]	[1]



Proposal 11567 - Visit 56 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:30 GMT 2009

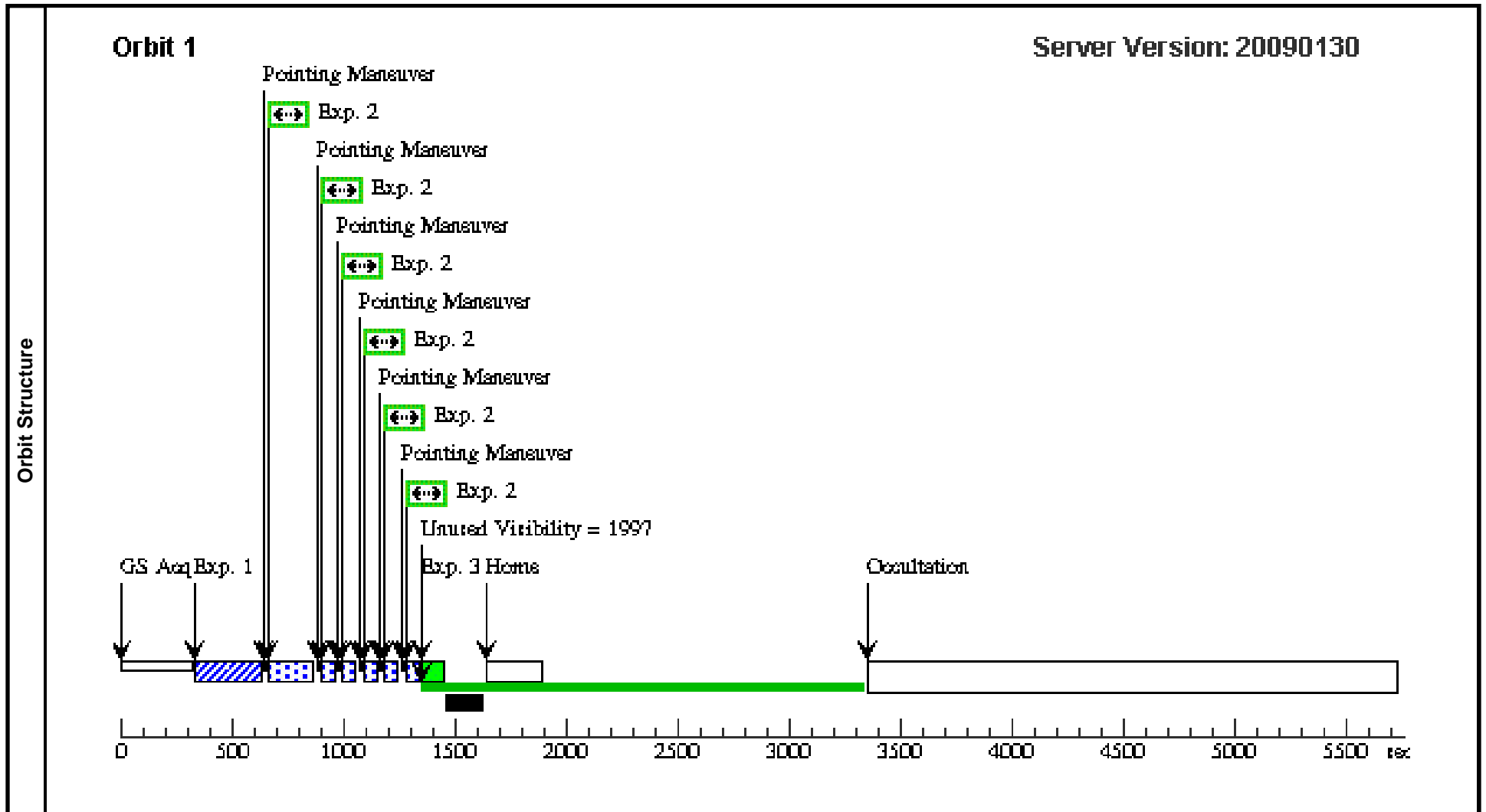
Visit	Proposal 11567, Visit 56 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 27</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						(2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(27)	HD118716	RA: 13 39 53.2580 (204.9719083d) Dec: -53 27 59.02 (-53.46639d) Equinox: J2000		Proper Motion RA: -0.001635046s/yr Proper Motion Dec: -0.012790000"/yr Parallax: 0.00868" Epoch of Position: 2000.		V=2.290+/-0.1 SPEC=B1III; B-V=-0.171; FLA M(1965)=6.50000e-09		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(27) HD118716	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.0 Secs	
									[==>]	[1]
	2		(27) HD118716	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	8.5 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 28 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:30 GMT 2009

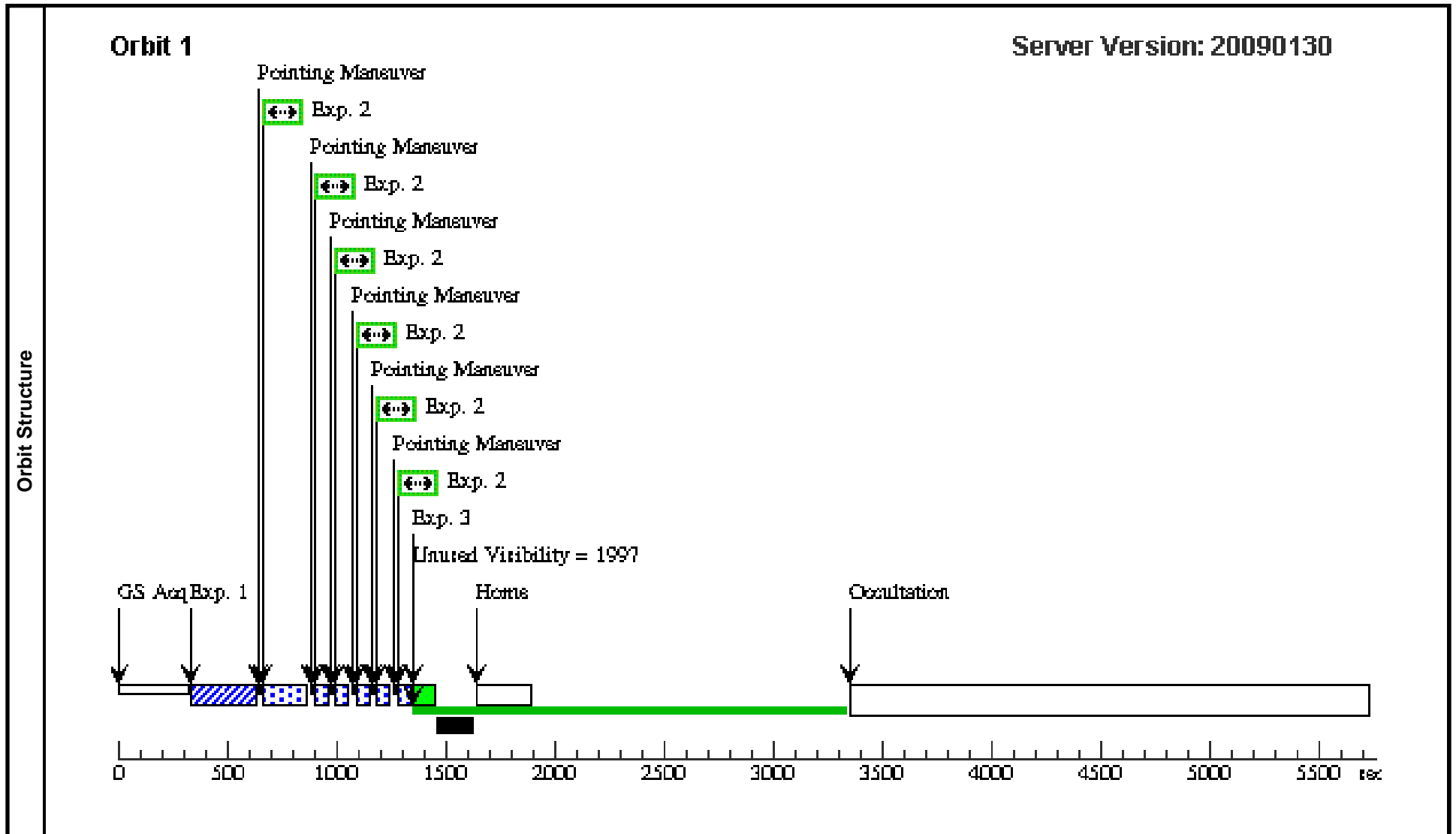
Visit	Proposal 11567, Visit 28, completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(28)	HD120307	RA: 13 49 30.2770 (207.3761542d) Dec: -41 41 15.75 (-41.68771d) Equinox: J2000	Proper Motion RA: -0.002321966s/yr Proper Motion Dec: -0.020379999"/yr Parallax: 0.00687" Epoch of Position: 2000.	V=3.410+/-0.1 SPEC=B2IV; B-V=-0.225; FLA M(1965)=2.32800e-09	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(28) HD120307	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			2.9 Secs	
									[==>]	[1]
	2		(28) HD120307	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	23.6 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 57 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:30 GMT 2009

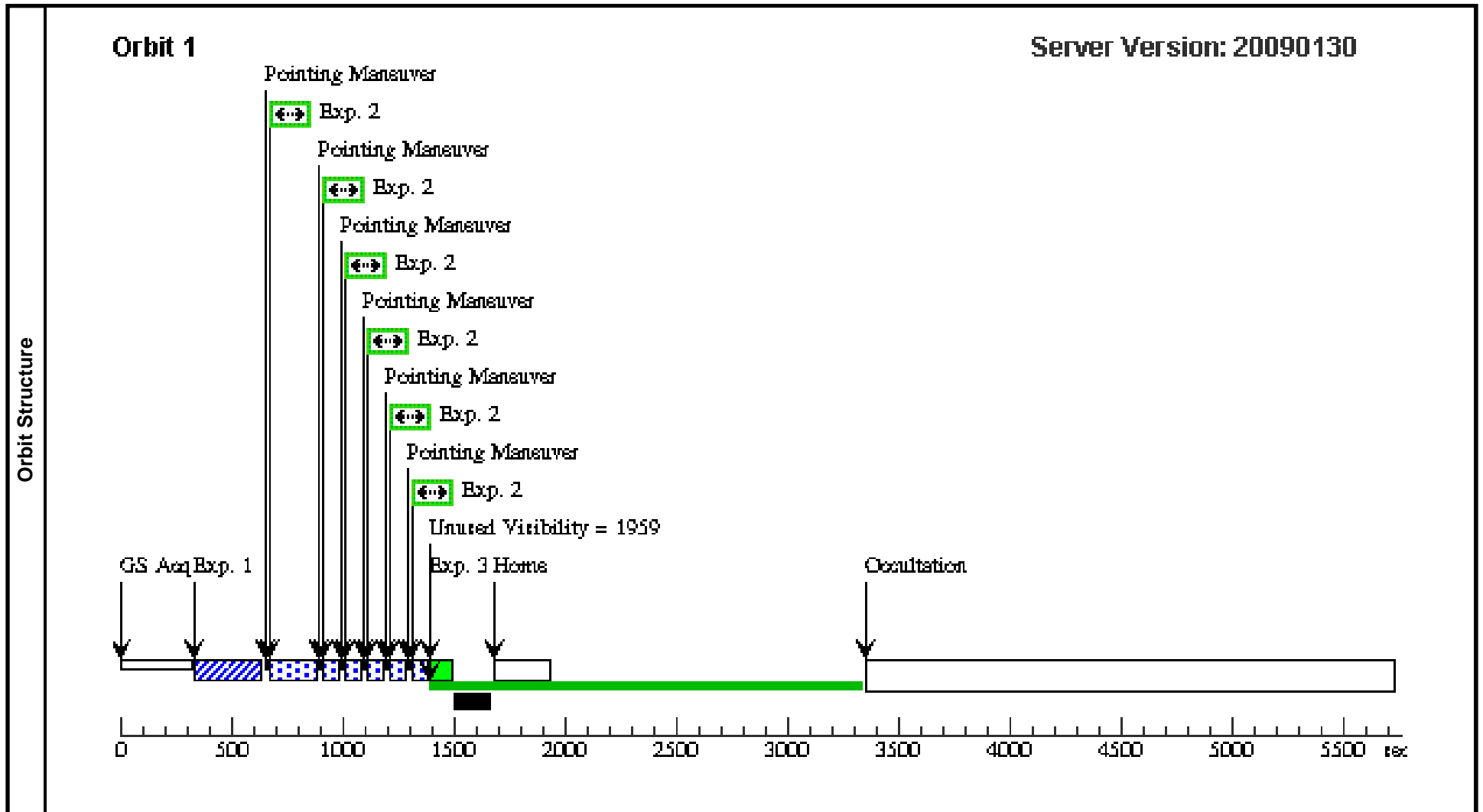
Visit	Proposal 11567, Visit 57 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 57</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true							(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(28)	HD120307	RA: 13 49 30.2770 (207.3761542d) Dec: -41 41 15.75 (-41.68771d) Equinox: J2000	Proper Motion RA: -0.002321966s/yr Proper Motion Dec: -0.020379999"/yr Parallax: 0.00687" Epoch of Position: 2000.	V=3.410+/-0.1 SPEC=B2IV; B-V=-0.225; FLA M(1965)=2.32800e-09		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(28) HD120307	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			2.9 Secs [==>]	[1]
	2		(28) HD120307	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	23.6 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 29 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:30 GMT 2009

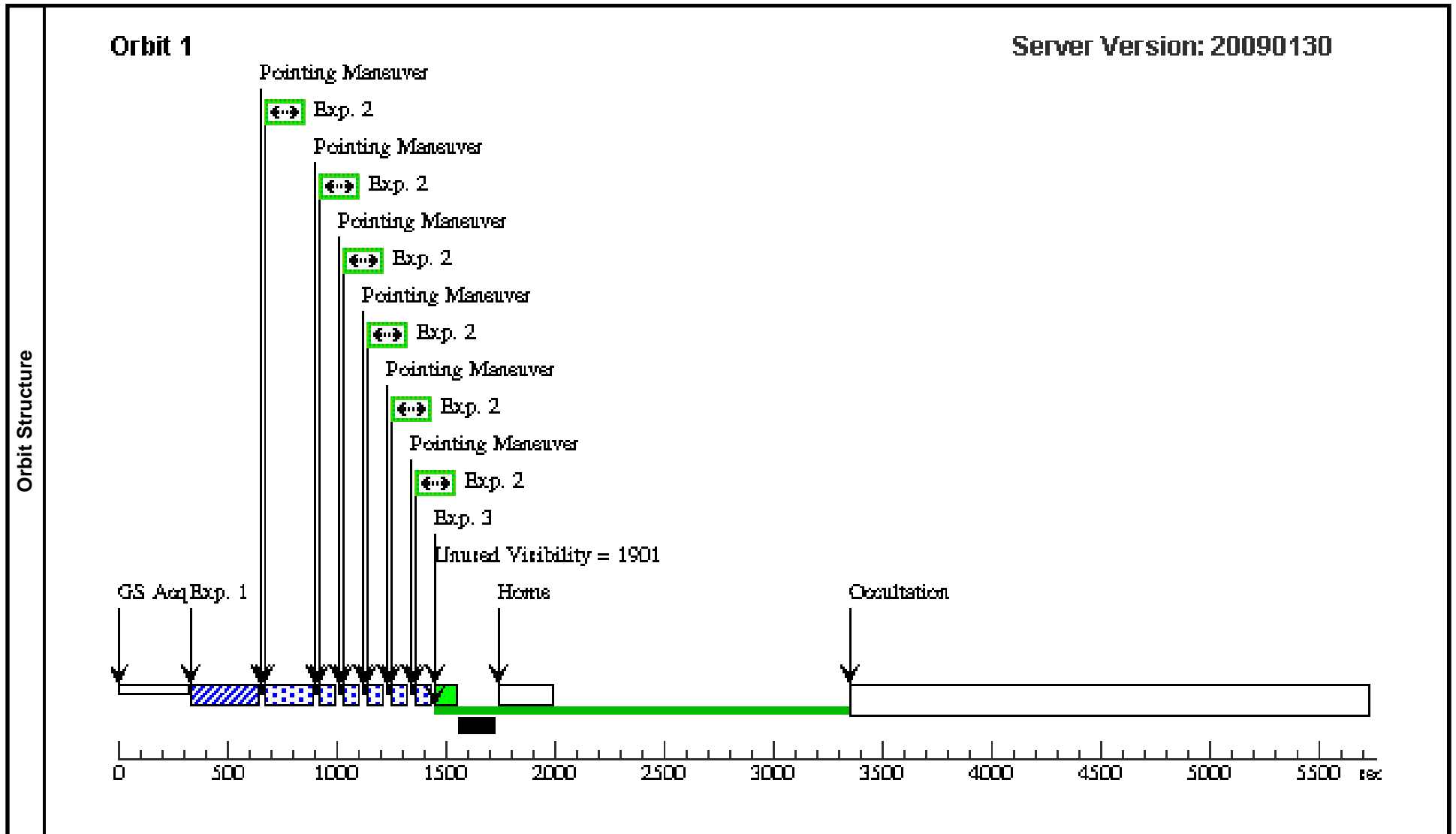
Visit	Proposal 11567, Visit 29, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(29)	HD120324	RA: 13 49 36.9890 (207.4041208d) Dec: -42 28 25.43 (-42.47373d) Equinox: J2000	Proper Motion RA: -0.002155678s/yr Proper Motion Dec: -0.019219999"/yr Parallax: 0.00619" Epoch of Position: 2000.	V=3.470+/-0.1 SPEC=B2IV-Ve; B-V=-0.170; F LAM(1965)=1.85600e-09	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(29) HD120324	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			3.0 Secs [==>]	[1]
	2		(29) HD120324	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	29.6 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 30 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:31 GMT 2009

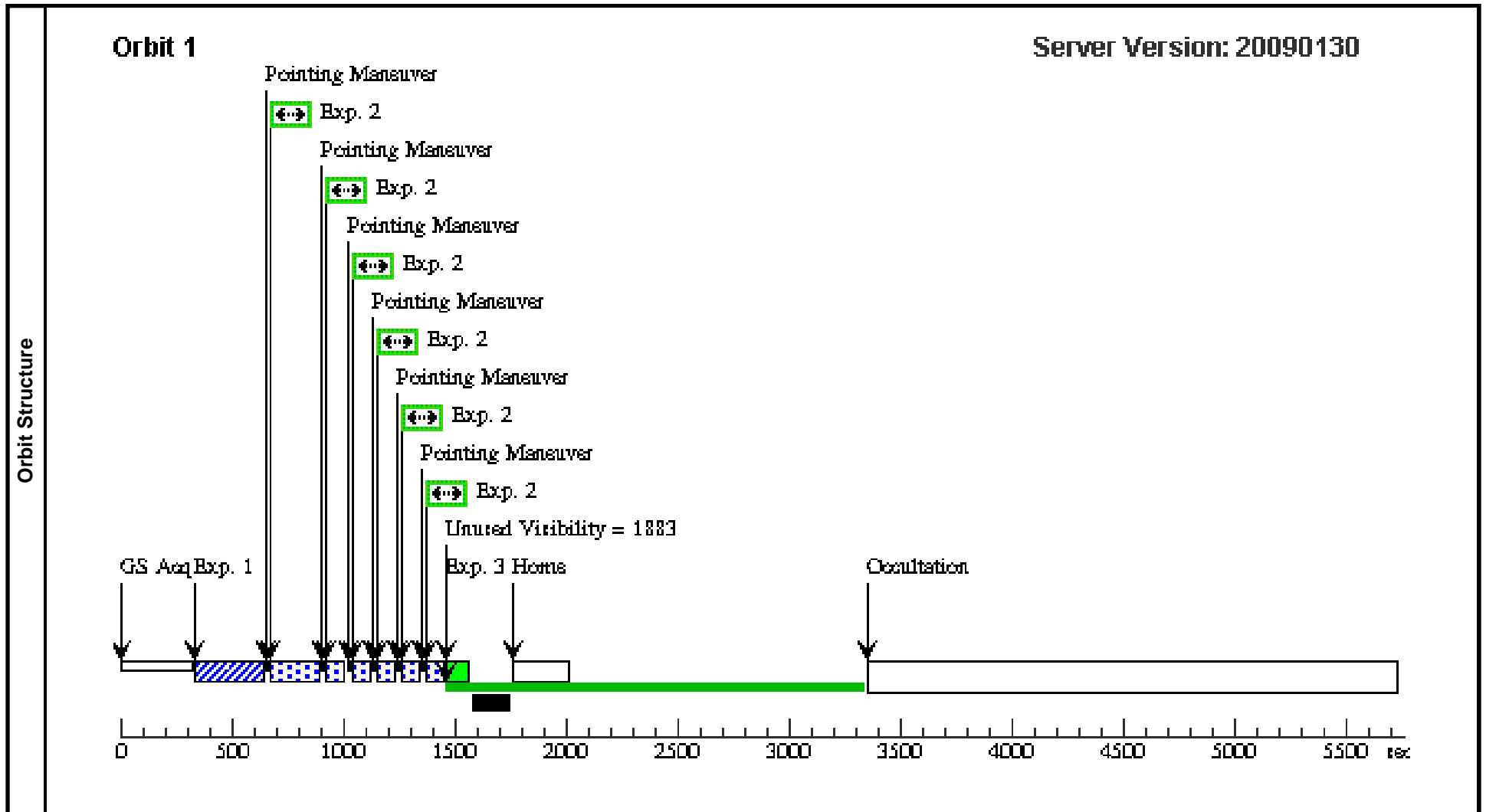
Visit	Proposal 11567, Visit 30, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true					(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(30)	HD121743	RA: 13 58 16.2660 (209.5677750d) Dec: -42 06 2.71 (-42.10075d) Equinox: J2000		Proper Motion RA: -0.002127678s/yr Proper Motion Dec: -0.019820000"/yr Parallax: 0.00701" Epoch of Position: 2000.		V=3.830+/-0.1	Reference Frame: ICRS SPEC=B2IV; B-V=-0.224; FLA M(1965)=1.43100e-09		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(30) HD121743	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			4.2 Secs	
									[==>]	[1]
	2		(30) HD121743	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	38.4 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 31 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:31 GMT 2009

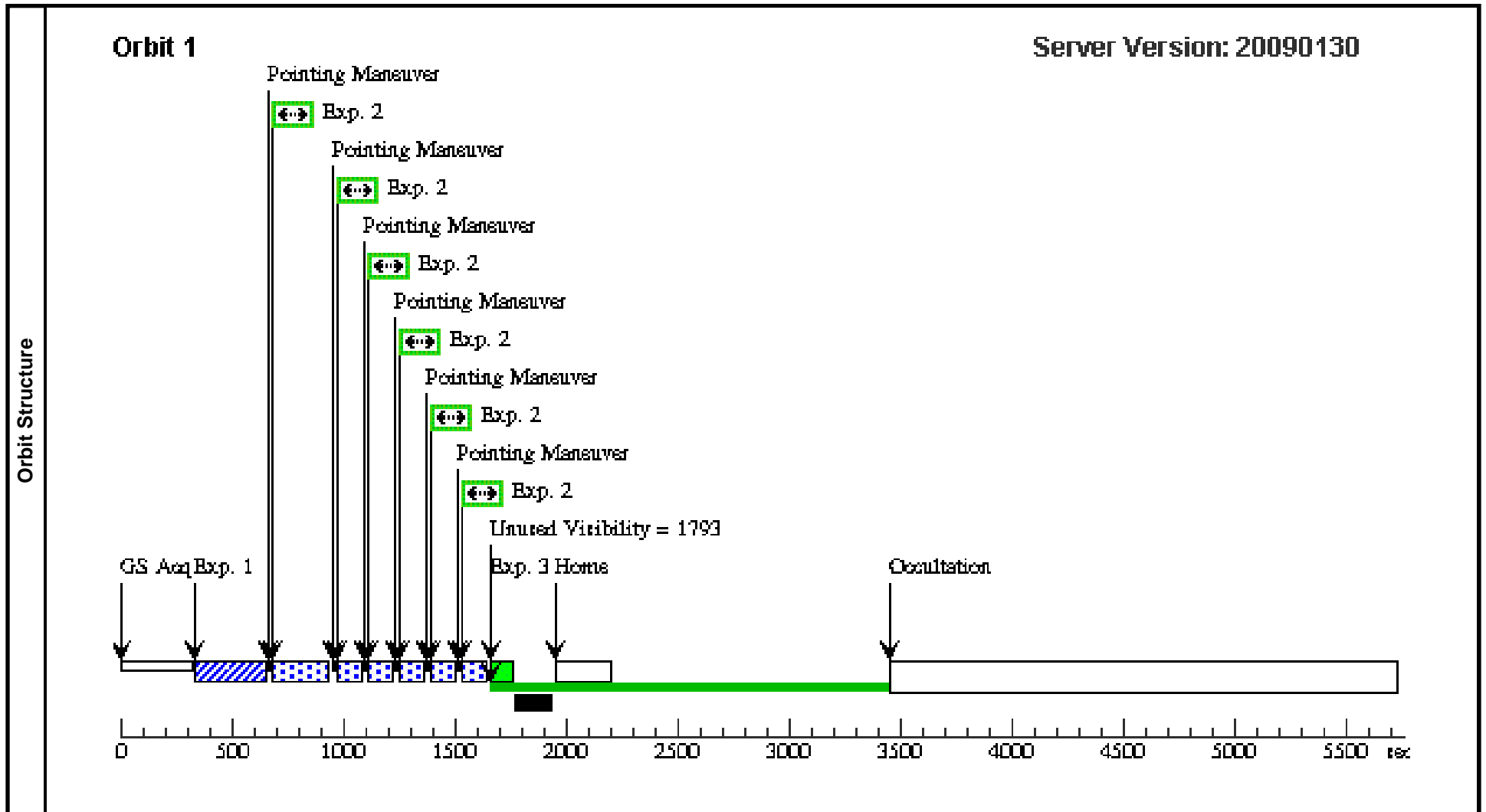
Visit	Proposal 11567, Visit 31, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true					(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(31)	HD121790	RA: 13 58 40.7480 (209.6697833d) Dec: -44 48 12.90 (-44.80358d) Equinox: J2000		Proper Motion RA: -0.002628043s/yr Proper Motion Dec: -0.021690001"/yr Parallax: 0.00781" Epoch of Position: 2000.		V=3.870+/-0.1	Reference Frame: ICRS SPEC=B2IV-V; B-V=-0.208; F LAM(1965)=1.32200e-09		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(31) HD121790	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			4.4 Secs	
									[==>]	[1]
	2		(31) HD121790	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	41.6 Secs	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 32 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:31 GMT 2009

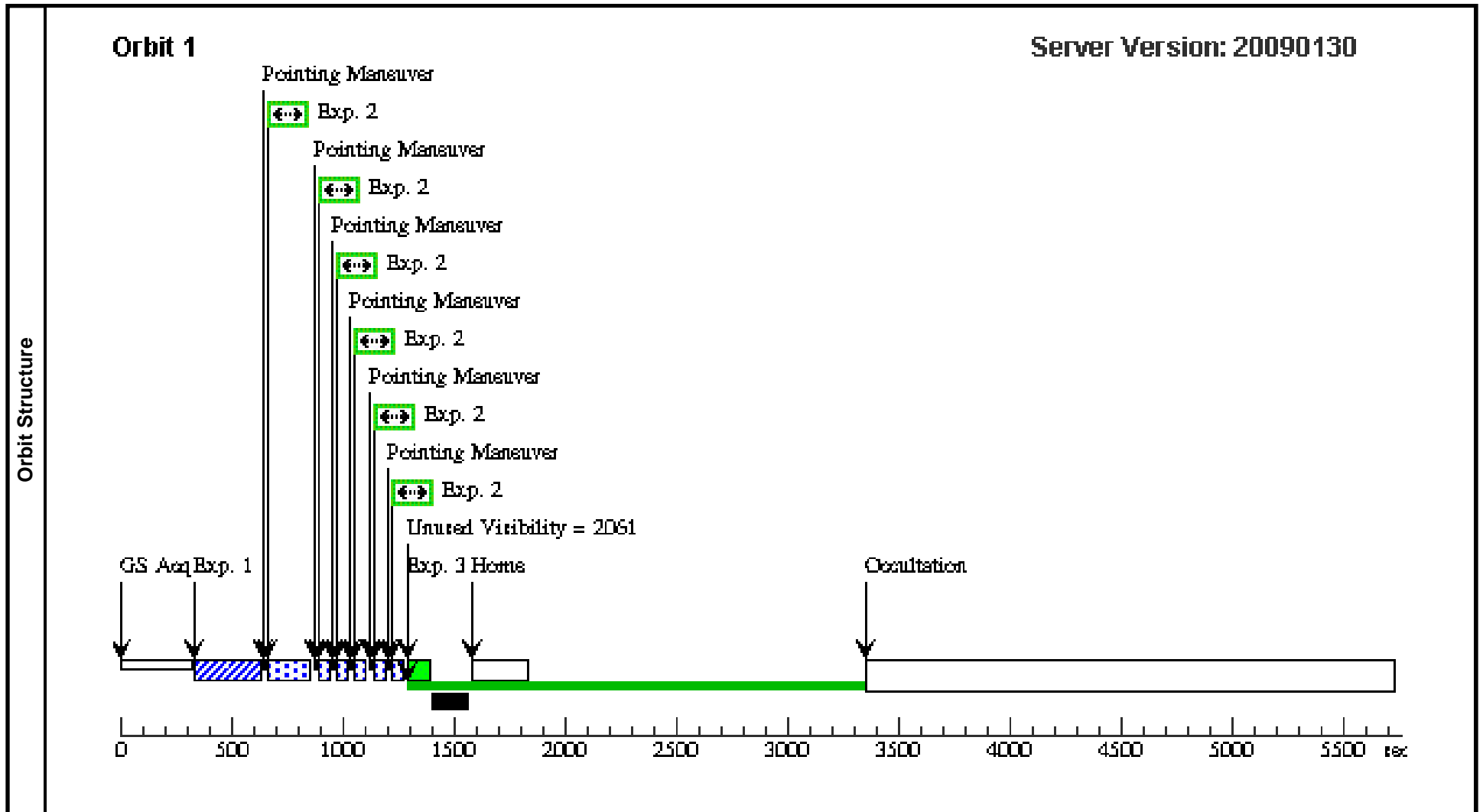
Visit	Proposal 11567, Visit 32, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(32)	HD127381	RA: 14 32 37.0560 (218.1544000d) Dec: -50 27 25.77 (-50.45716d) Equinox: J2000	Proper Motion RA: -0.003094297s/yr Proper Motion Dec: -0.014850000"/yr Parallax: 0.00568" Epoch of Position: 2000.	V=4.440+/-0.1 SPEC=B2III; B-V=-0.177; FLA M(1965)=7.73000e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(32) HD127381	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			7.4 Secs	
									[==>]	[1]
	2		(32) HD127381	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	71.2 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 33 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:31 GMT 2009

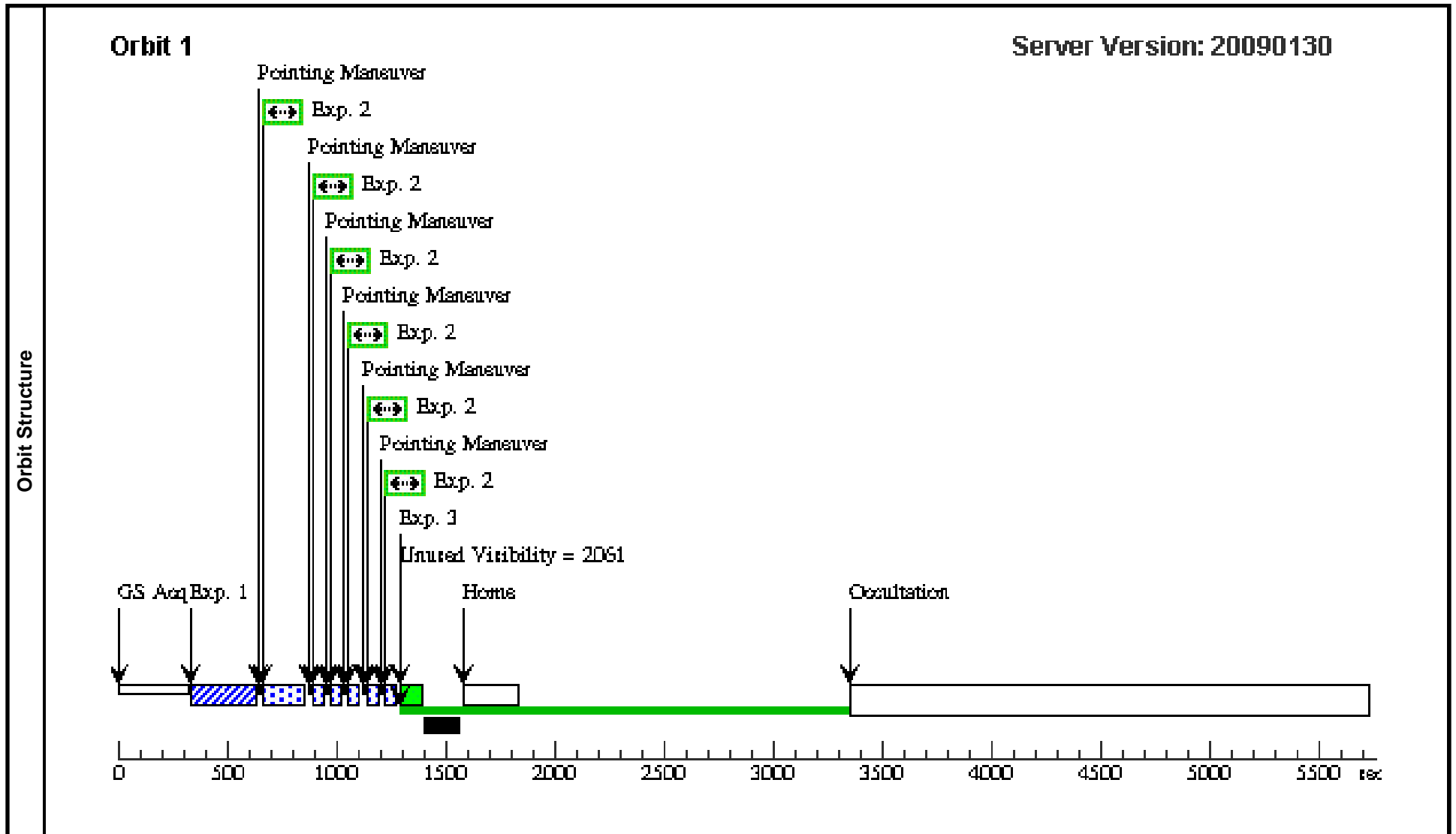
Visit	Proposal 11567, Visit 33, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(33)	HD132058	RA: 14 58 31.9270 (224.6330292d) Dec: -43 08 2.26 (-43.13396d) Equinox: J2000	Proper Motion RA: -0.003111538s/yr Proper Motion Dec: -0.038299999"/yr Parallax: 0.00623" Epoch of Position: 2000.	V=2.680+/-0.1 SPEC=B2III; B-V=-0.184; FLA M(1965)=4.20300e-09	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(33) HD132058	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.5 Secs [==>]	[1]
	2		(33) HD132058	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	13.1 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 58 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:32 GMT 2009

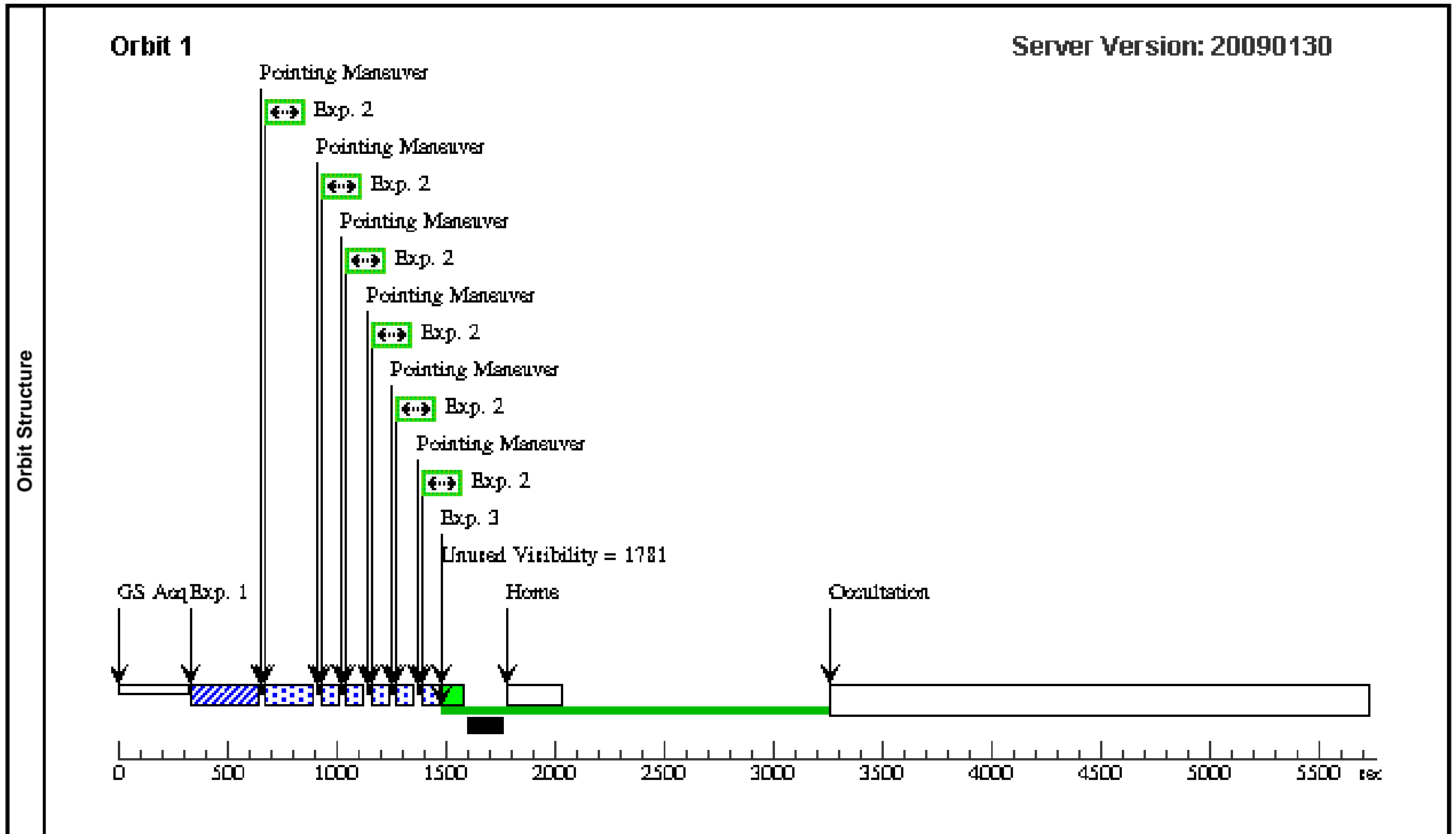
Visit	Proposal 11567, Visit 58 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 33</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						(2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(33)	HD132058	RA: 14 58 31.9270 (224.6330292d) Dec: -43 08 2.26 (-43.13396d) Equinox: J2000		Proper Motion RA: -0.003111538s/yr Proper Motion Dec: -0.038299999"/yr Parallax: 0.00623" Epoch of Position: 2000.		V=2.680+/-0.1	Reference Frame: ICRS SPEC=B2III; B-V=-0.184; FLA M(1965)=4.20300e-09		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(33) HD132058	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.5 Secs	
									[==>]	[1]
	2		(33) HD132058	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	13.1 Secs	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 34 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:32 GMT 2009

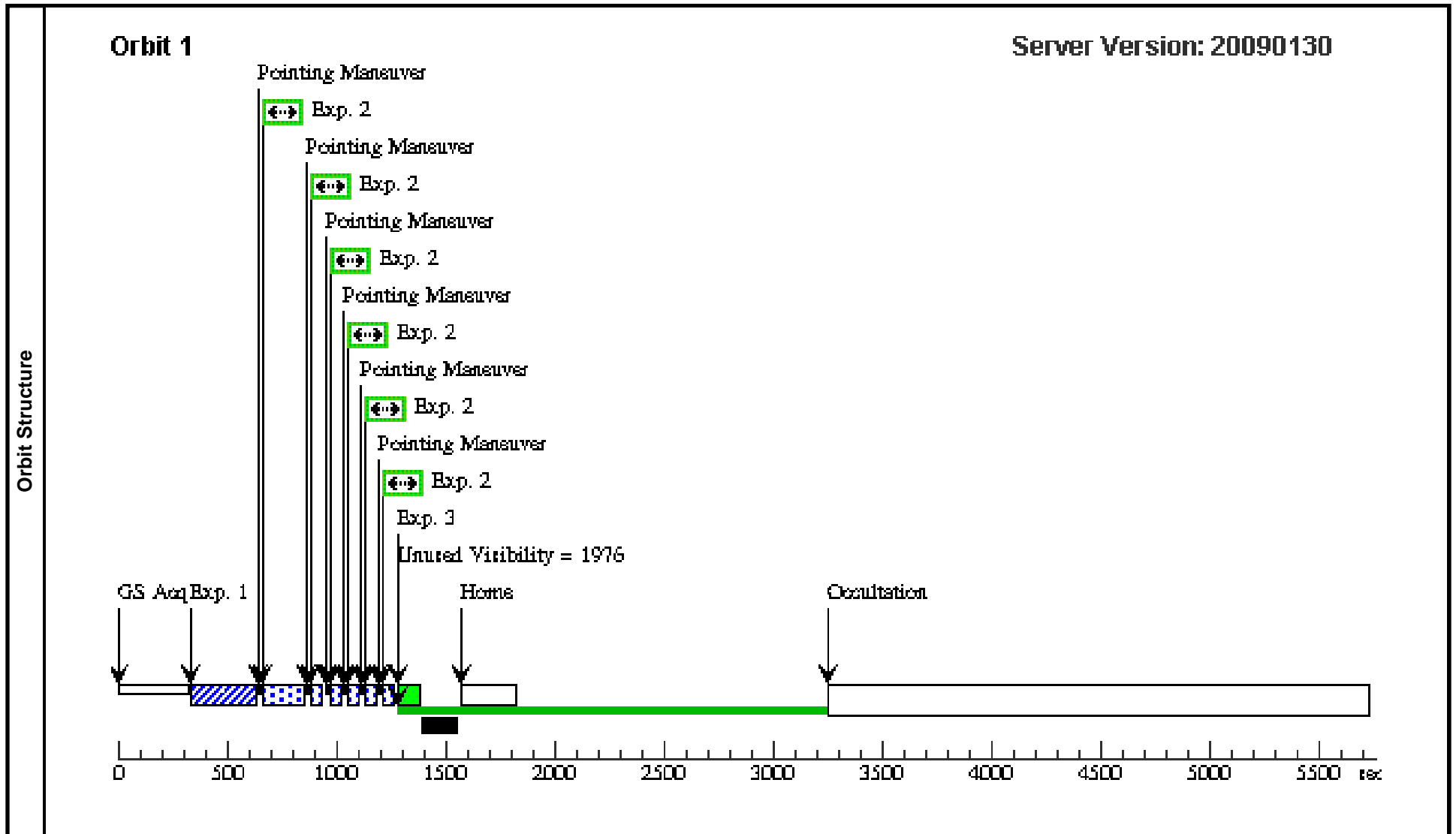
Visit	Proposal 11567, Visit 34, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern			Exposures			
(2)		Pattern Type=STIS-ALONG-SLIT Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90.0 Number Of Points=6 Angle Between Sides= Point Spacing=0.431035 Center Pattern=true Line Spacing=				(2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(34)	HD142669	RA: 15 56 53.0760 (239.2211500d) Dec: -29 12 50.66 (-29.21407d) Equinox: J2000	Proper Motion RA: -0.001161011s/yr Proper Motion Dec: -0.025100000"/yr Parallax: 0.00797" Epoch of Position: 2000.	V=3.870+/-0.1 SPEC=B2IV/V; B-V=-0.199; FL AM(1965)=1.22500e-09	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(34) HD142669	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			4.4 Secs	
									[==>]	[1]
	2		(34) HD142669	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	44.9 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 35 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:32 GMT 2009

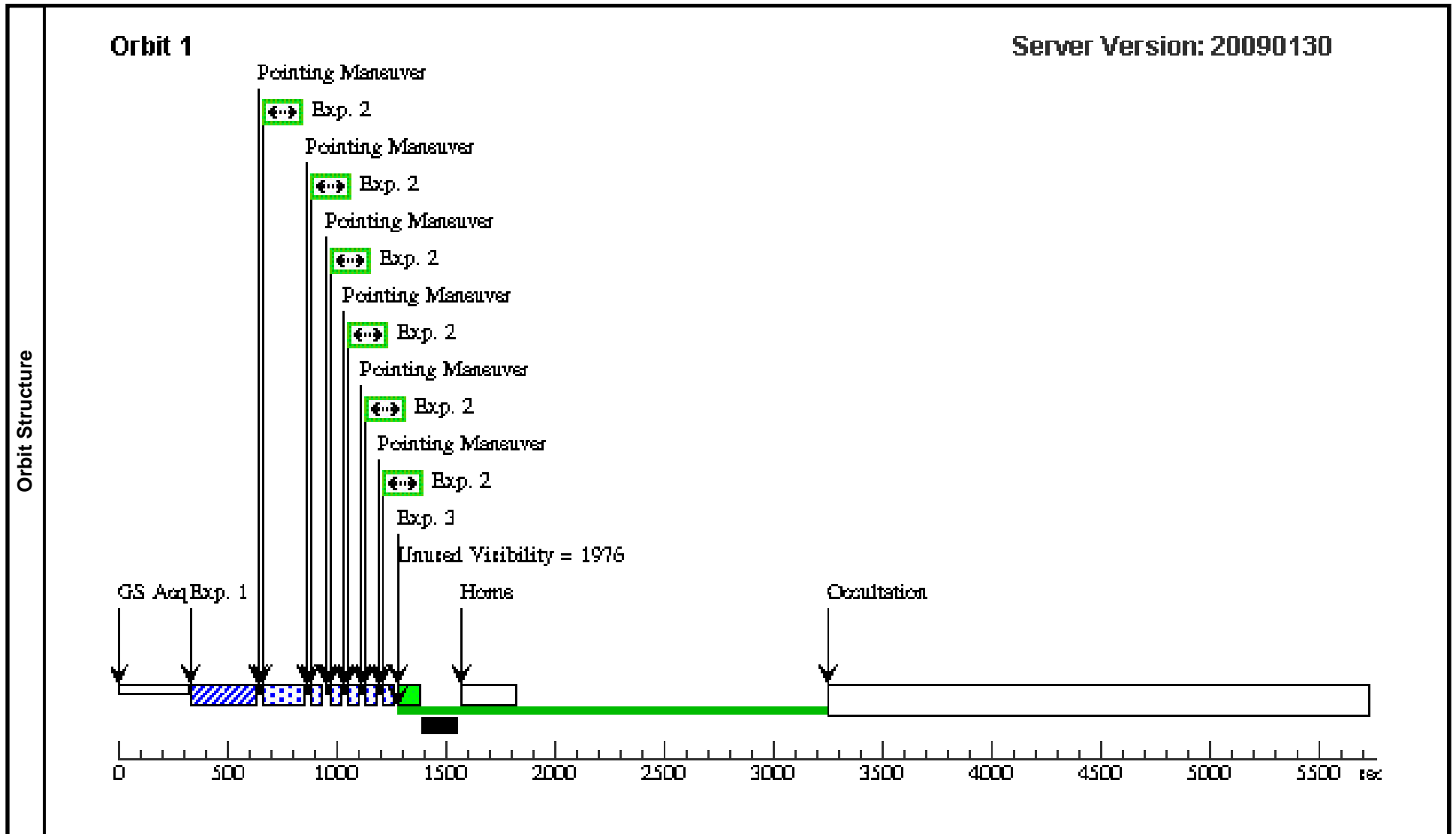
Visit	Proposal 11567, Visit 35, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(35)	HD143275	RA: 16 00 20.0060 (240.0833583d) Dec: -22 37 18.16 (-22.62171d) Equinox: J2000	Proper Motion RA: -0.000626175s/yr Proper Motion Dec: -0.036900002"/yr Parallax: 0.00812" Epoch of Position: 2000.	V=2.290+/-0.1 SPEC=B0.2IV; B-V=-0.117; FL AM(1965)=4.31200e-09	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(35) HD143275	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.0 Secs	
									[==>]	[1]
	2		(35) HD143275	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	12.8 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 59 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:32 GMT 2009

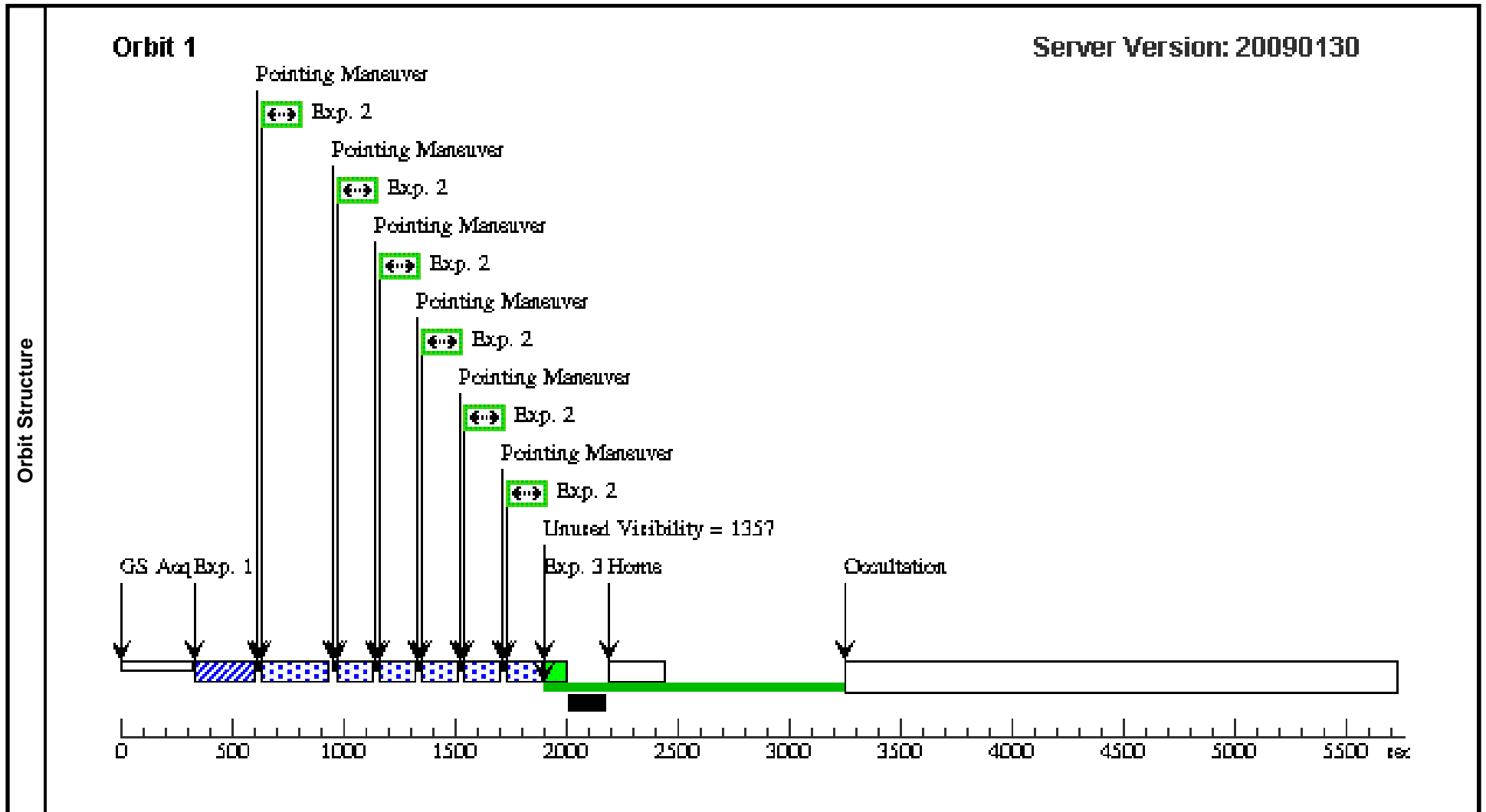
Visit	Proposal 11567, Visit 59 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 35</i>										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(35)	HD143275	RA: 16 00 20.0060 (240.0833583d) Dec: -22 37 18.16 (-22.62171d) Equinox: J2000		Proper Motion RA: -0.000626175s/yr Proper Motion Dec: -0.036900002"/yr Parallax: 0.00812" Epoch of Position: 2000.		V=2.290+/-0.1	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(35) HD143275	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.0 Secs		
									[==>]		[1]
	2		(35) HD143275	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	12.8 Secs		
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]		[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs			
								[==>]		[1]	



Proposal 11567 - Visit 36 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:33 GMT 2009

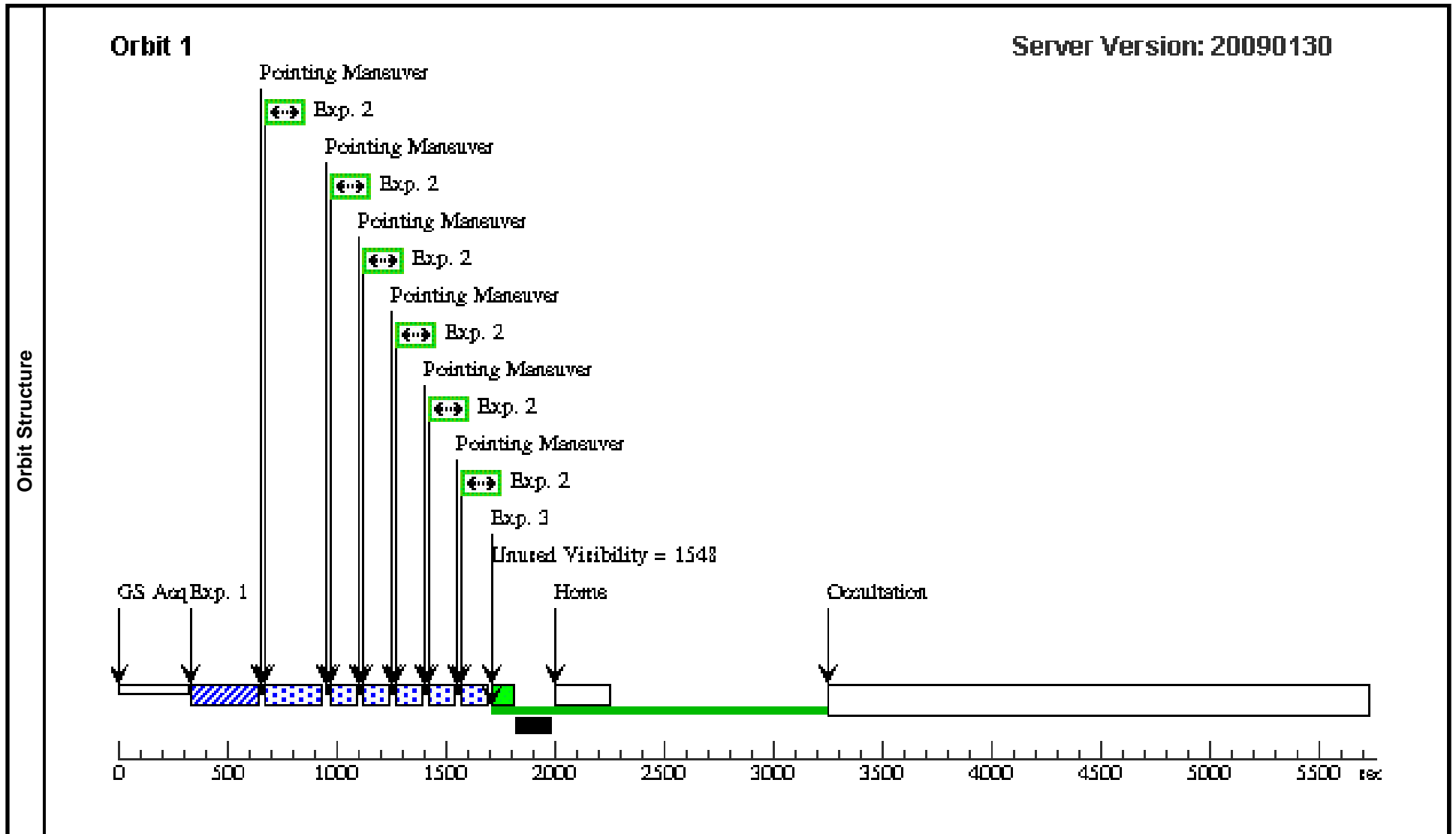
Visit	Proposal 11567, Visit 36, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(36)	HD144218	RA: 16 05 26.5540 (241.3606417d) Dec: -19 48 6.70 (-19.80186d) Equinox: J2000	Proper Motion RA: -0.002450924s/yr Proper Motion Dec: -0.007470000"/yr Parallax: 0.00288" Epoch of Position: 2000.	V=4.900+/-0.1 SPEC=B2V; B-V=-0.024; FLA M(1965)=1.7e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(36) HD144218	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.4 Secs	
									[==>]	[1]
	2		(36) HD144218	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 37 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:33 GMT 2009

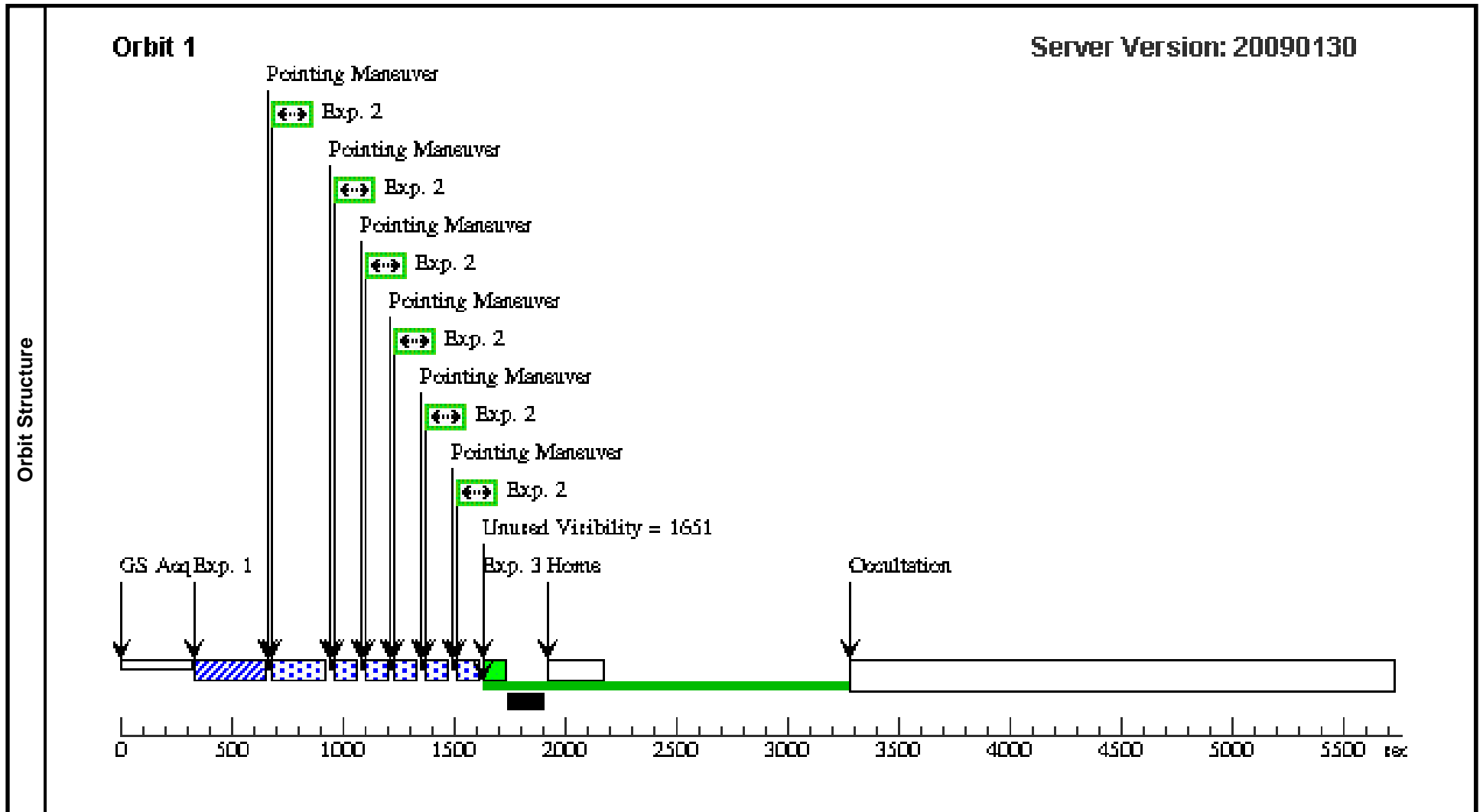
Visit	Proposal 11567, Visit 37, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(37)	HD144470	RA: 16 06 48.4260 (241.7017750d) Dec: -20 40 9.09 (-20.66919d) Equinox: J2000	Proper Motion RA: -0.000751718s/yr Proper Motion Dec: -0.023730000"/yr Parallax: 0.00770" Epoch of Position: 2000.	V=3.930+/-0.1 SPEC=B1V; B-V=-0.046; FLA M(1965)=6.78000e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(37) HD144470	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			4.6 Secs [==>]	[1]
	2		(37) HD144470	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	81.1 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 38 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:33 GMT 2009

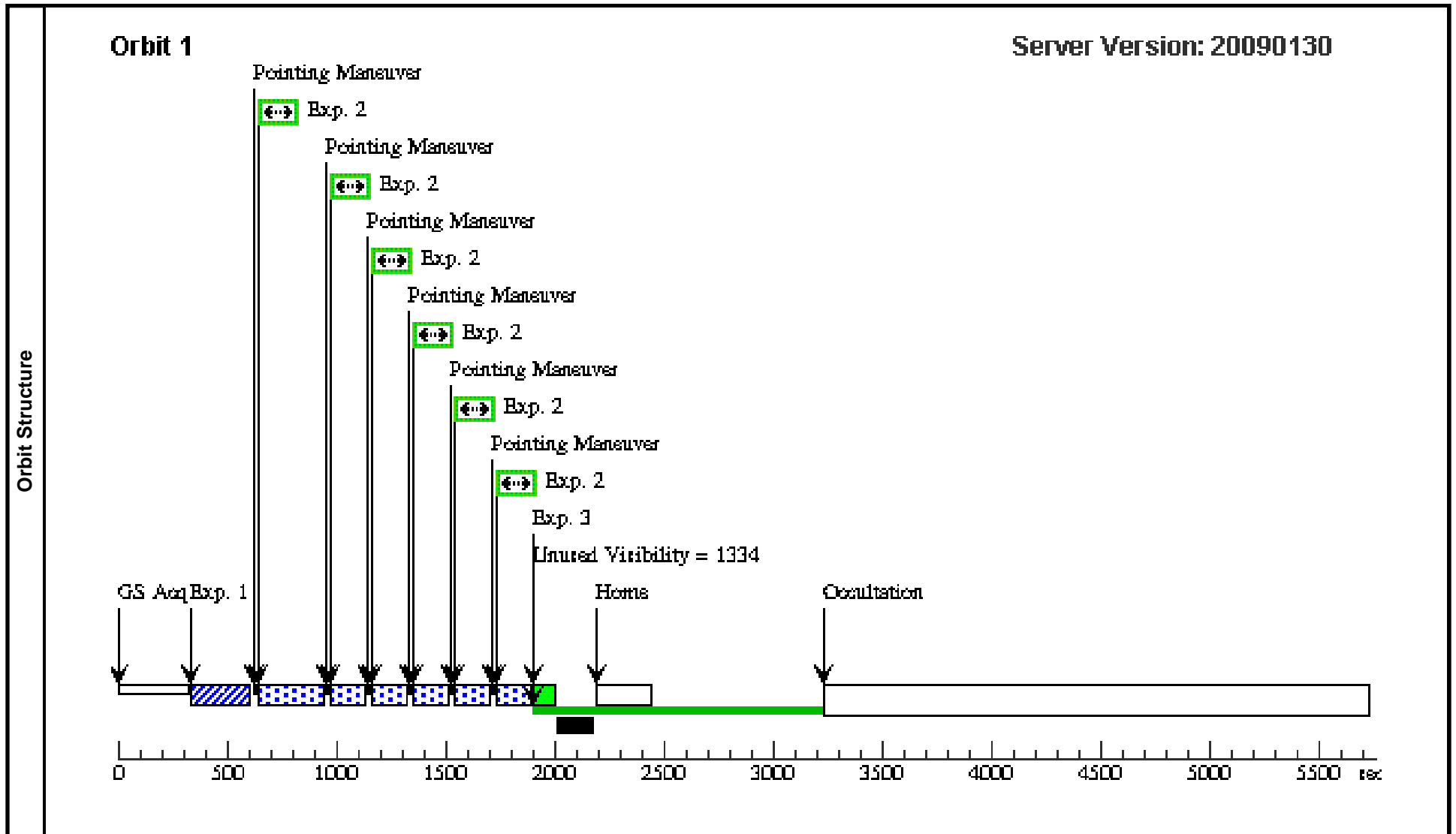
Visit	Proposal 11567, Visit 38, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(38)	HD148703	RA: 16 31 22.9330 (247.8455542d) Dec: -34 42 15.72 (-34.70437d) Equinox: J2000	Proper Motion RA: -0.000933381s/yr Proper Motion Dec: -0.018559999"/yr Parallax: 0.00437" Epoch of Position: 2000.	V=4.240+/-0.1 SPEC=B2III-IV; B-V=-0.168; F LAM(1965)=8.11000e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(38) HD148703	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			6.2 Secs [==>]	[1]
	2		(38) HD148703	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	67.8 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 39 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:33 GMT 2009

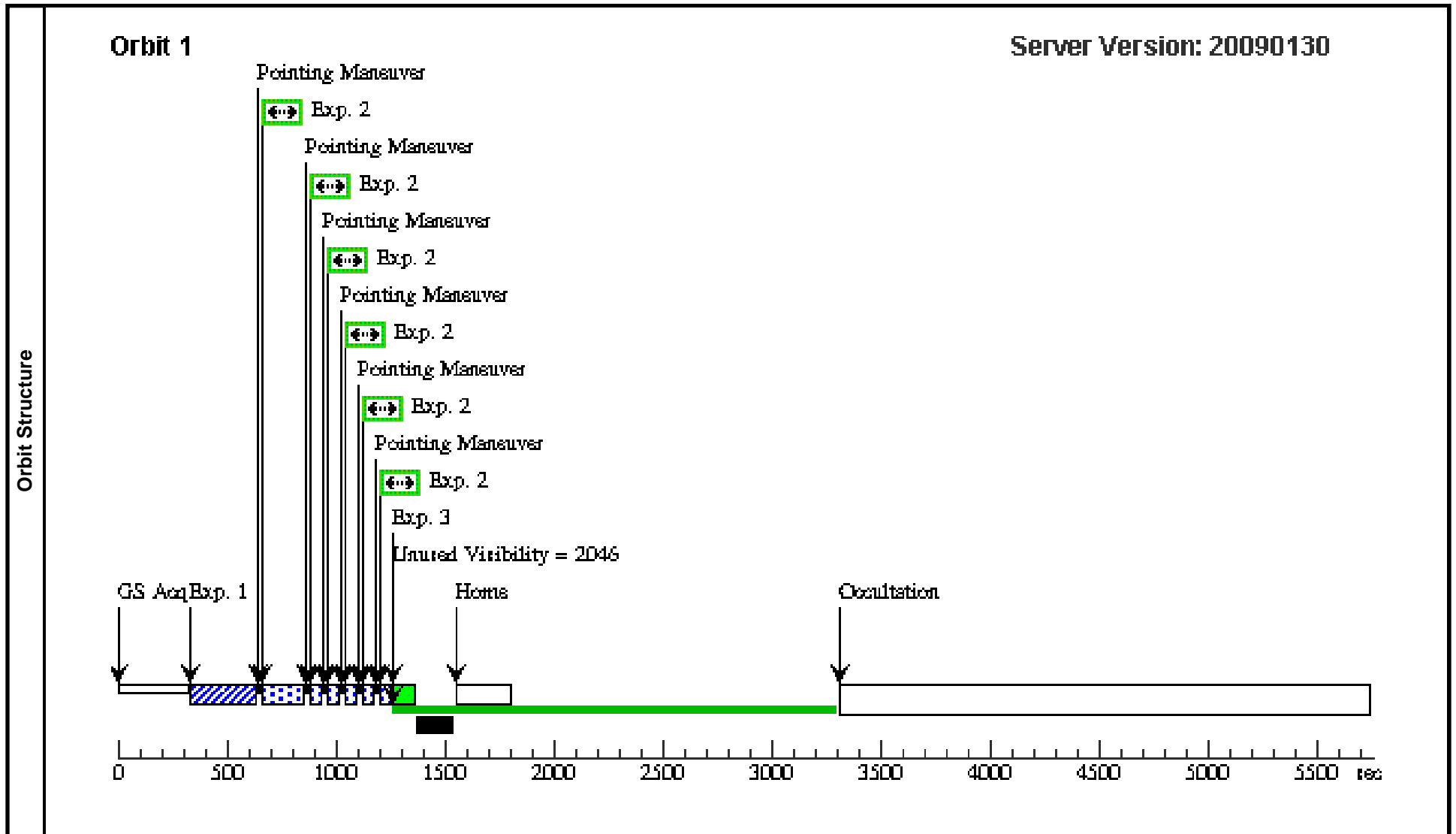
Visit	Proposal 11567, Visit 39, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(39)	HD154445	RA: 17 05 32.2590 (256.3844125d) Dec: +00 53 31.45 (.89207d) Equinox: J2000	Proper Motion RA: 0.000289368s/yr Proper Motion Dec: -0.001910000"/yr Parallax: 0.00426" Epoch of Position: 2000.	V=5.630+/-0.1 SPEC=B1V; B-V=0.1040; FLA M(1965)=6.11000e-11	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(39) HD154445	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.8 Secs [==>]	[1]
	2		(39) HD154445	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 40 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:34 GMT 2009

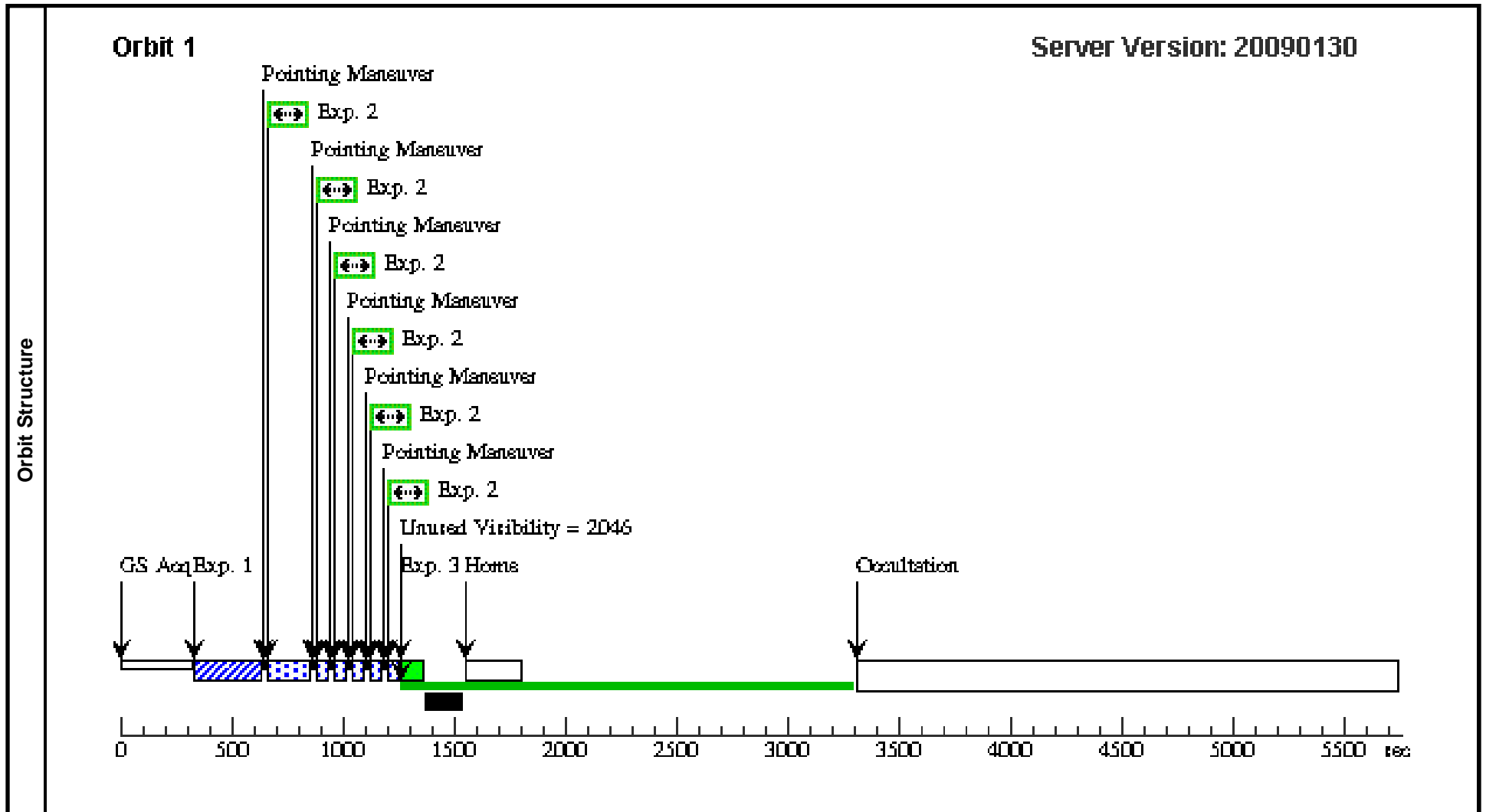
Visit	Proposal 11567, Visit 40, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						(2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(40)	HD160578	RA: 17 42 29.2750 (265.6219792d) Dec: -39 01 47.94 (-39.02998d) Equinox: J2000	Proper Motion RA: -0.000556974s/yr Proper Motion Dec: -0.025549999"/yr Parallax: 0.00703" Epoch of Position: 2000.	V=2.390+/-0.1 SPEC=B1.5III; B-V=-0.171; FL AM(1965)=5.55200e-09		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(40) HD160578	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.1 Secs [==>]	[1]
	2		(40) HD160578	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	9.9 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 60 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:34 GMT 2009

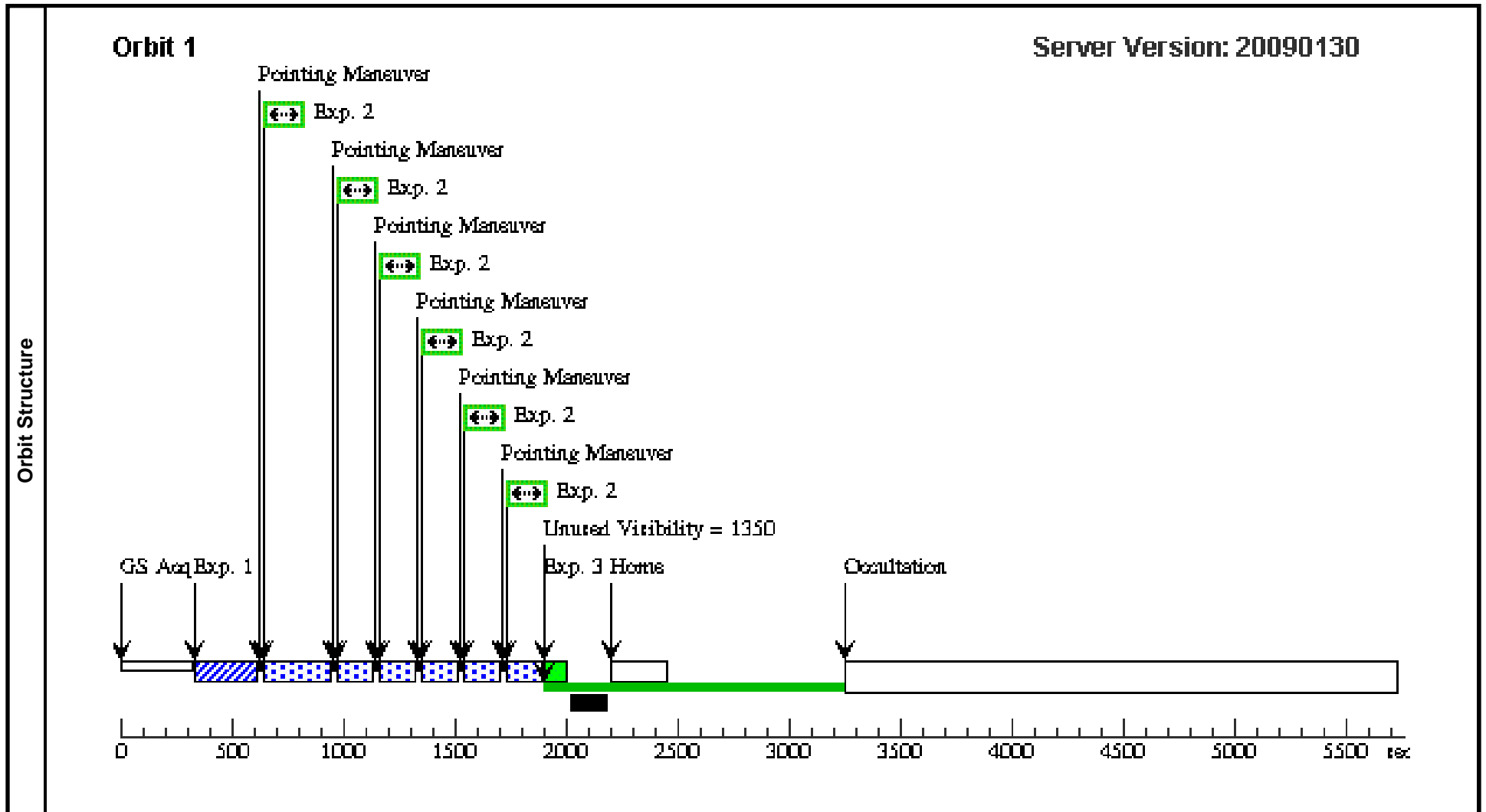
Visit	Proposal 11567, Visit 60 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 40</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT		Coordinate Frame=POS-TARG						(2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(40)	HD160578	RA: 17 42 29.2750 (265.6219792d) Dec: -39 01 47.94 (-39.02998d) Equinox: J2000		Proper Motion RA: -0.000556974s/yr Proper Motion Dec: -0.025549999"/yr Parallax: 0.00703" Epoch of Position: 2000.		V=2.390+/-0.1 SPEC=B1.5III; B-V=-0.171; FL AM(1965)=5.55200e-09	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(40) HD160578	STIS/CCD, ACQ, F25ND5	MIRROR	GAIN=4			1.1 Secs [==>]	[1]
	2		(40) HD160578	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	9.9 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 41 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:34 GMT 2009

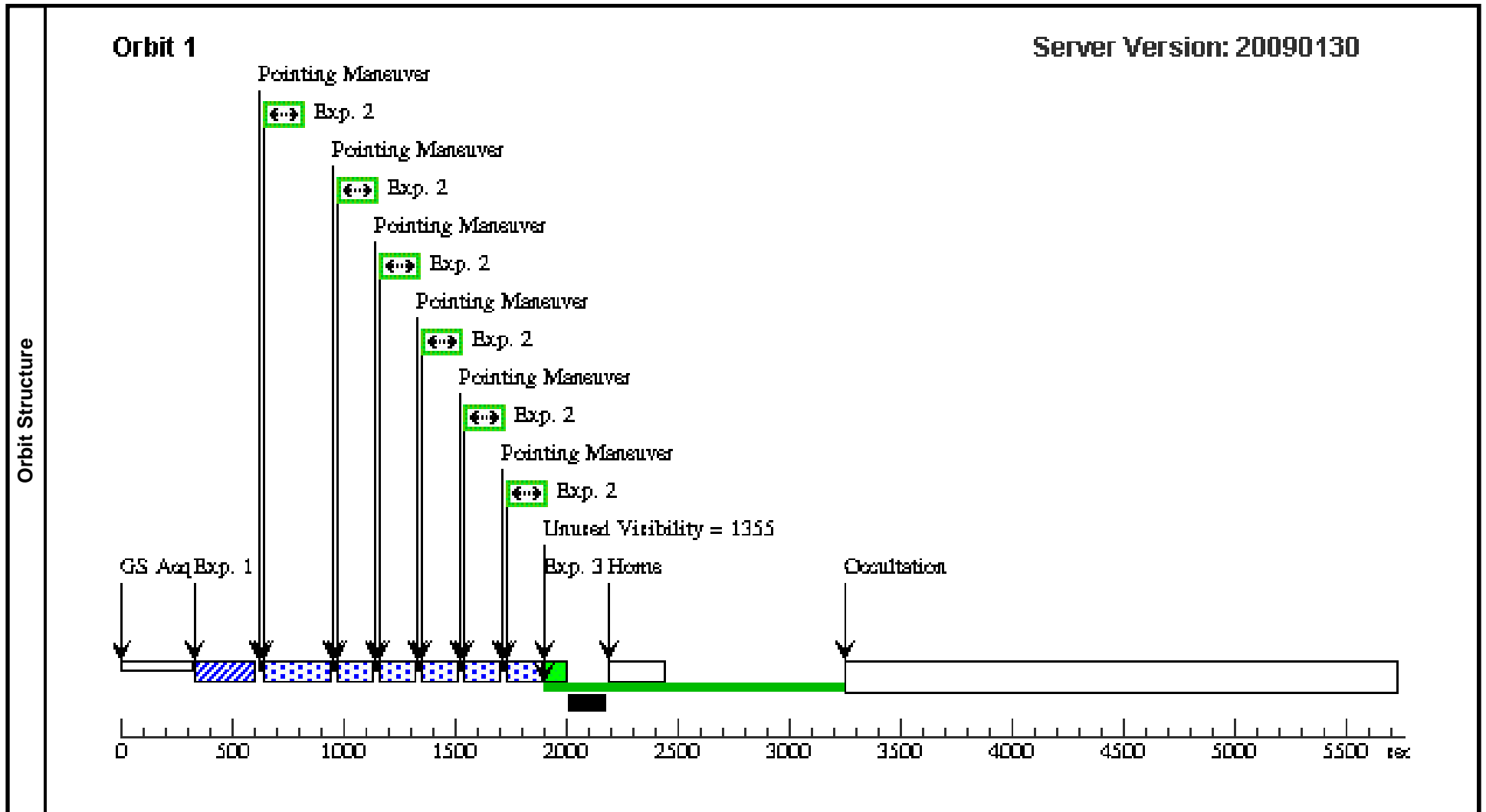
Visit	Proposal 11567, Visit 41, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(41)	HD174298	RA: 18 48 55.6280 (282.2317833d) Dec: +24 03 21.14 (24.05587d) Equinox: J2000	Proper Motion RA: -0.000102941s/yr Proper Motion Dec: -0.005630000"/yr Parallax: 0.00276" Epoch of Position: 2000.	V=6.550+/-0.1 SPEC=B1.5IV; B-V=-0.071; FL AM(1965)=5.70000e-11	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(41) HD174298	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			2.0 Secs	
									[==>]	[1]
	2		(41) HD174298	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 42 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:34 GMT 2009

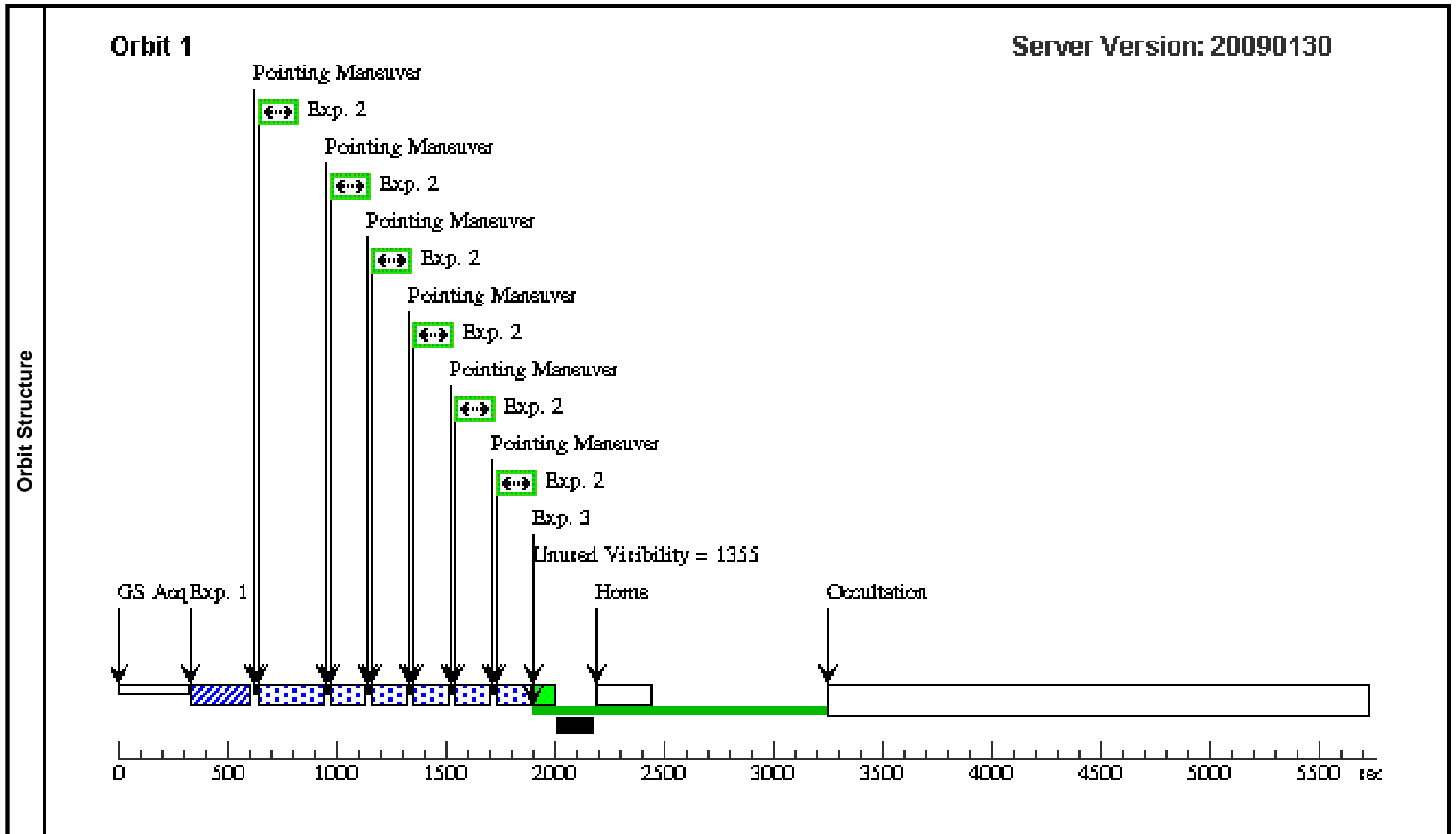
Visit	Proposal 11567, Visit 42, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(42)	HD178175	RA: 19 08 16.7030 (287.0695958d) Dec: -19 17 25.04 (-19.29029d) Equinox: J2000	Proper Motion RA: 0.000372232s/yr Proper Motion Dec: -0.001140000"/yr Parallax: 0.00213" Epoch of Position: 2000.	V=5.560+/-0.1 SPEC=B2V; B-V=-0.087; FLA M(1965)=1.24500e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(42) HD178175	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.8 Secs [==>]	[1]
	2		(42) HD178175	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 61 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:34 GMT 2009

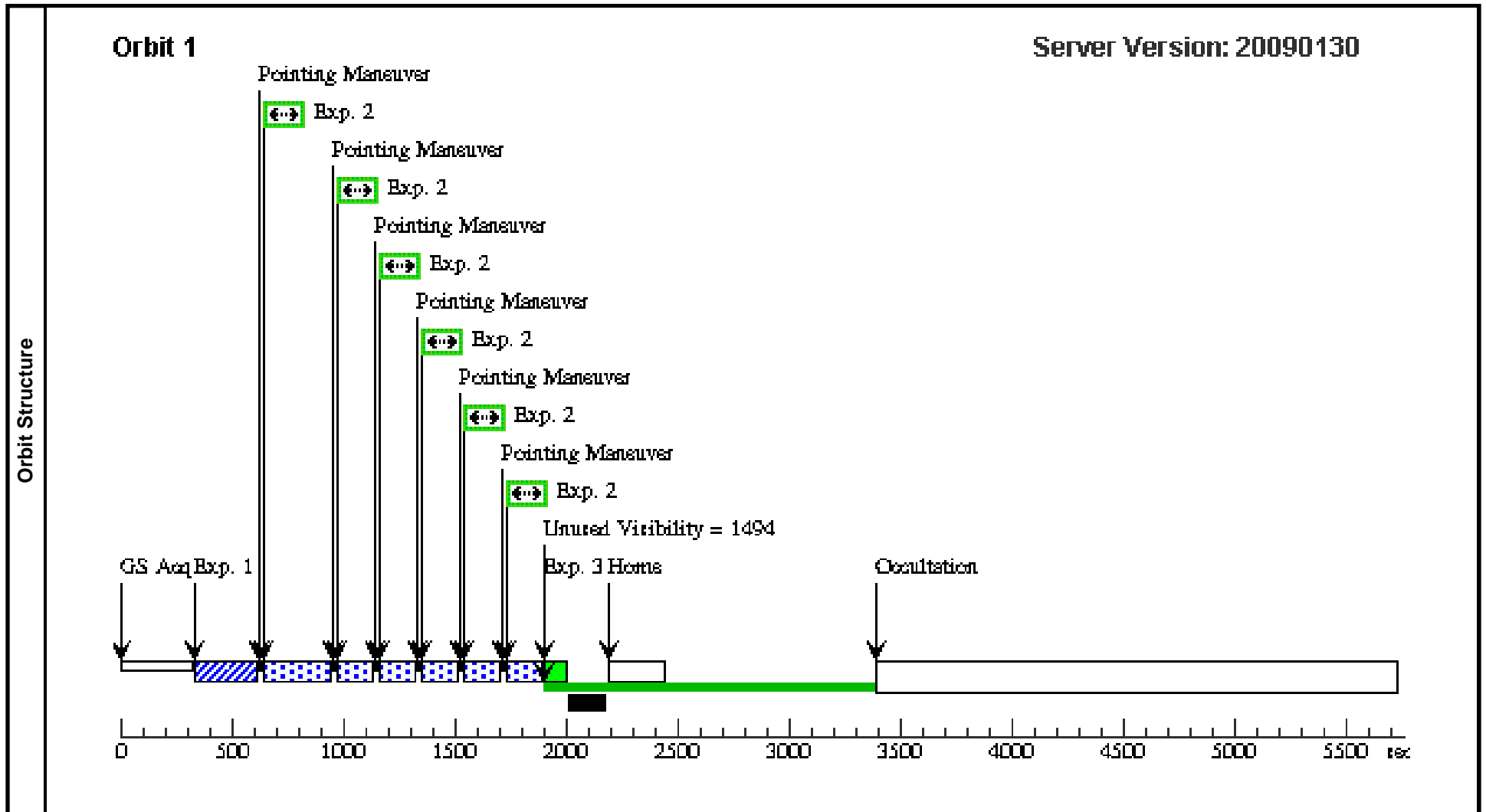
Visit	Proposal 11567, Visit 61 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) Comments: Copy of visit 42									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true					(2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(42)	HD178175	RA: 19 08 16.7030 (287.0695958d) Dec: -19 17 25.04 (-19.29029d) Equinox: J2000	Proper Motion RA: 0.000372232s/yr Proper Motion Dec: -0.001140000"/yr Parallax: 0.00213" Epoch of Position: 2000.	V=5.560+/-0.1 SPEC=B2V; B-V=-0.087; FLA M(1965)=1.24500e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(42) HD178175	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.8 Secs [==>]	[1]
	2		(42) HD178175	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 43 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:35 GMT 2009

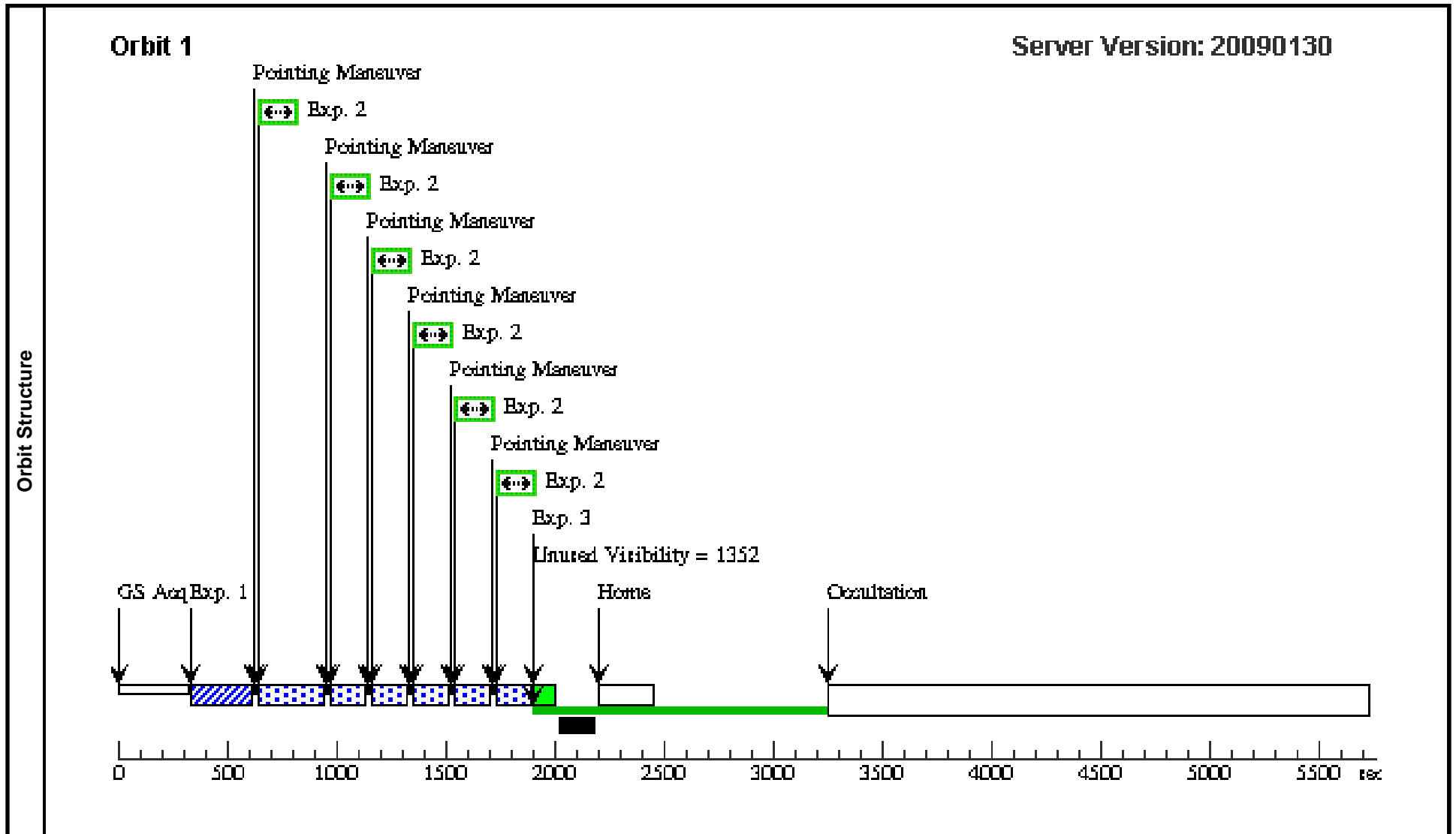
Visit	Proposal 11567, Visit 43, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(43)	HD188252	RA: 19 52 7.1660 (298.0298583d) Dec: +47 55 54.46 (47.93179d) Equinox: J2000	Proper Motion RA: -0.000621877s/yr Proper Motion Dec: -0.009810000"/yr Parallax: 0.00132" Epoch of Position: 2000.	V=5.910+/-0.1 SPEC=B2III; B-V=-0.174; FLA M(1965)=1.62700e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(43) HD188252	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			1.1 Secs [==>]	[1]
	2		(43) HD188252	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 44 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:35 GMT 2009

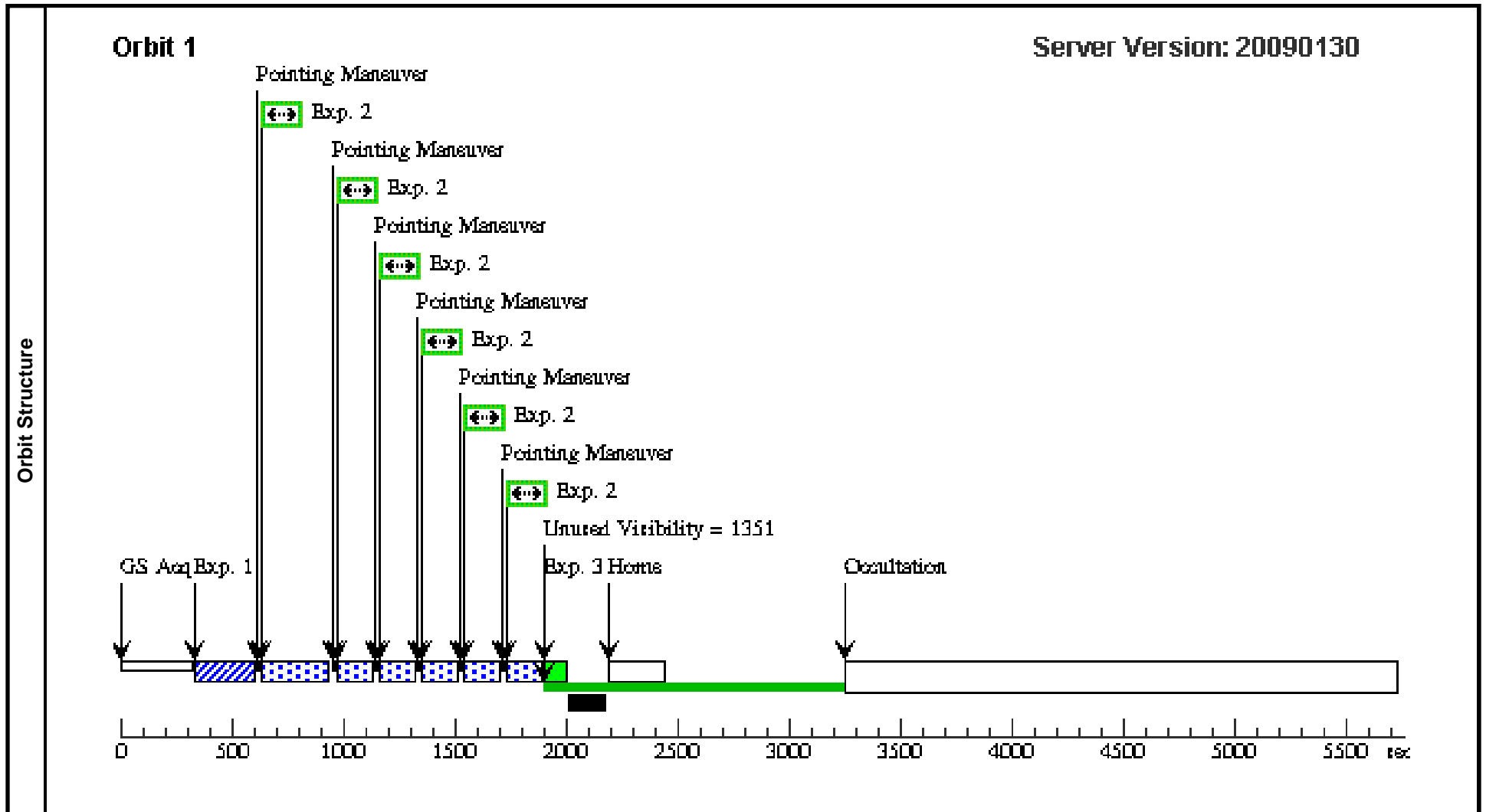
Visit	Proposal 11567, Visit 44, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true					(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(44)	HD207563	RA: 21 49 26.8670 (327.3619458d) Dec: +20 27 44.81 (20.46245d) Equinox: J2000		Proper Motion RA: 0.000120255s/yr Proper Motion Dec: 0.000830000"/yr Parallax: 0.00177" Epoch of Position: 2000.		V=6.270+/-0.1 SPEC=B2V; B-V=-0.097; FLA M(1965)=6.49000e-11	Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(44) HD207563	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			1.5 Secs	
									[==>]	[1]
	2		(44) HD207563	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 45 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:35 GMT 2009

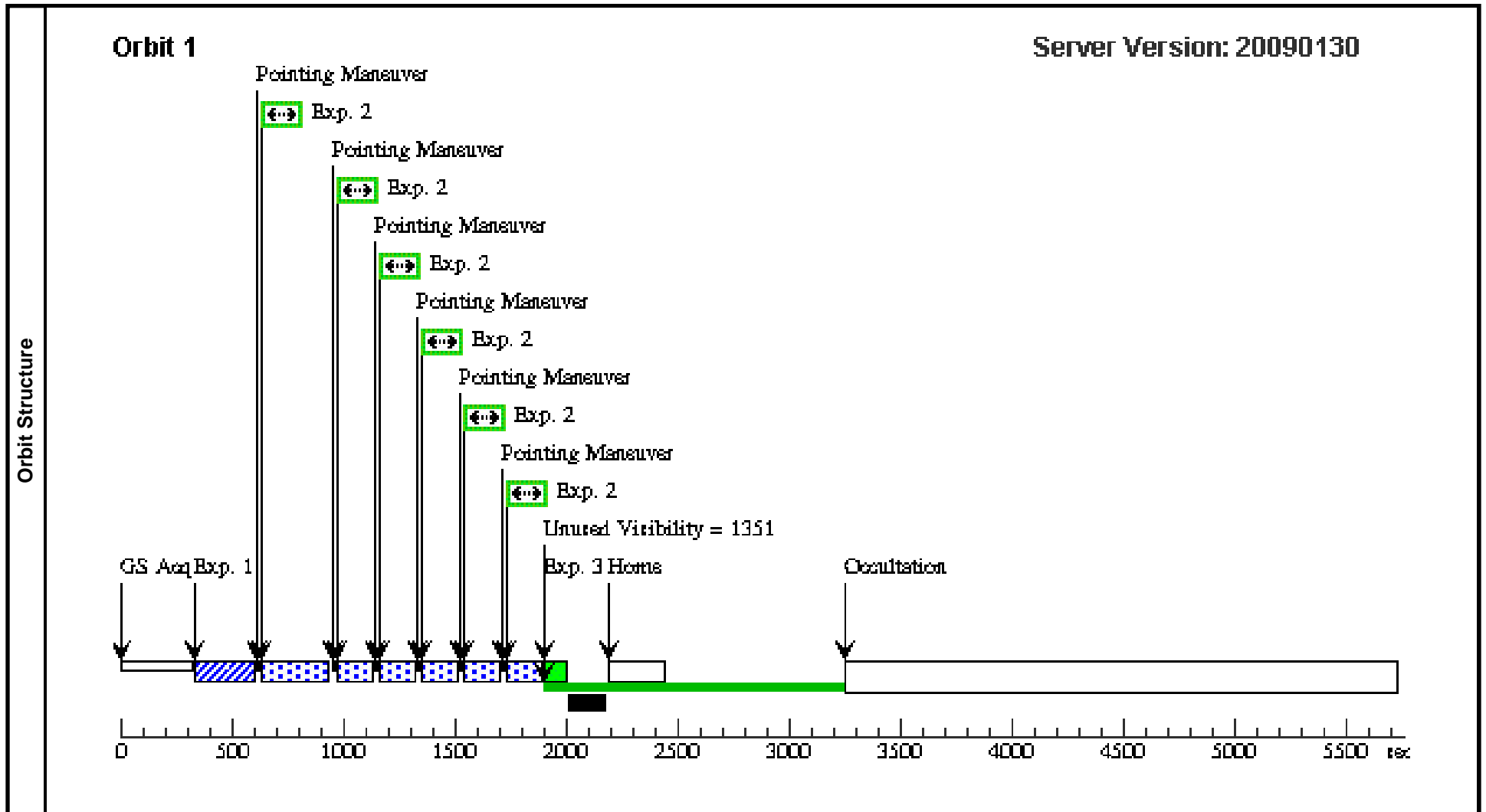
Visit	Proposal 11567, Visit 45, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(45)	HD212076	RA: 22 21 31.0750 (335.3794792d) Dec: +12 12 18.67 (12.20519d) Equinox: J2000	Proper Motion RA: 0.000423574s/yr Proper Motion Dec: 0.005540000"/yr Parallax: 0.00336" Epoch of Position: 2000.	V=4.820+/-0.1 SPEC=B2IV-V; B-V=-0.132; F LAM(1965)=3.27200e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(45) HD212076	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.4 Secs	
									[==>]	[1]
	2		(45) HD212076	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 62 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:35 GMT 2009

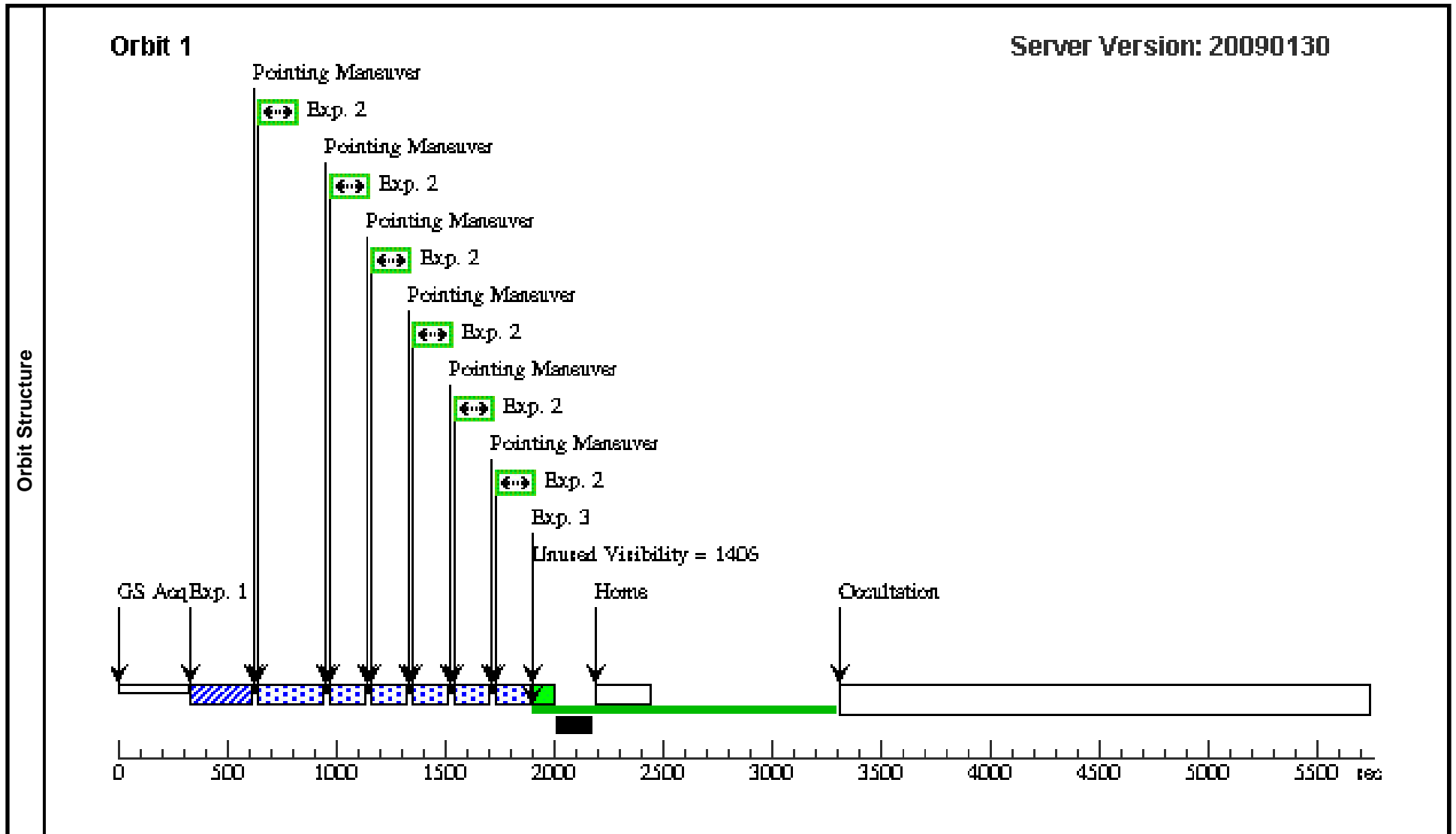
Visit	Proposal 11567, Visit 62 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 45</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true							(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(45)	HD212076	RA: 22 21 31.0750 (335.3794792d) Dec: +12 12 18.67 (12.20519d) Equinox: J2000	Proper Motion RA: 0.000423574s/yr Proper Motion Dec: 0.005540000"/yr Parallax: 0.00336" Epoch of Position: 2000.	V=4.820+/-0.1 SPEC=B2IV-V; B-V=-0.132; F LAM(1965)=3.27200e-10		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(45) HD212076	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.4 Secs [==>]	[1]
	2		(45) HD212076	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 46 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:36 GMT 2009

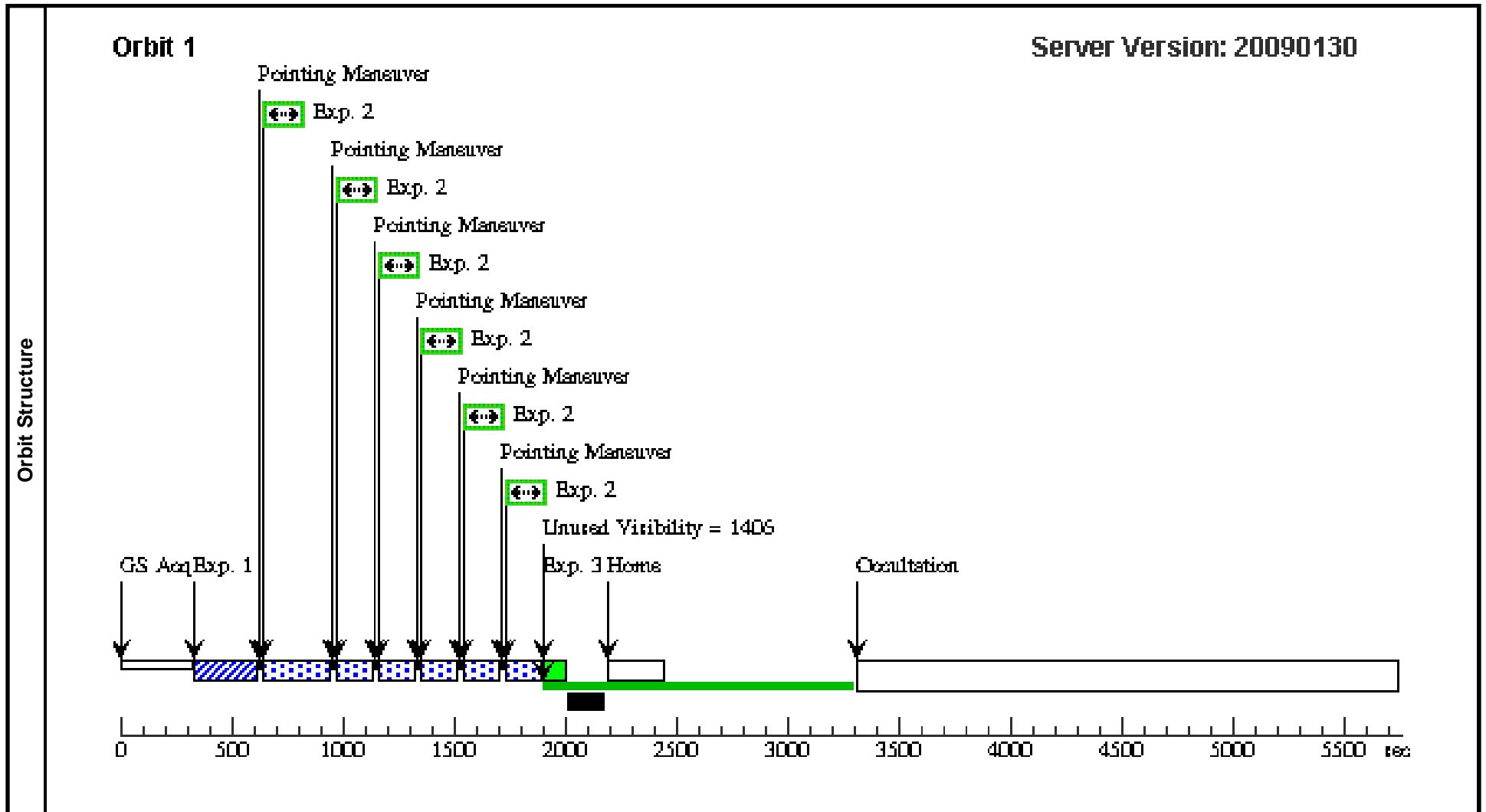
Visit	Proposal 11567, Visit 46, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(46)	HD212978	RA: 22 27 26.4990 (336.8604125d) Dec: +39 48 36.09 (39.81002d) Equinox: J2000	Proper Motion RA: -0.000045997s/yr Proper Motion Dec: -0.006090000"/yr Parallax: 0.00239" Epoch of Position: 2000.	V=6.160+/-0.1 SPEC=B2V; B-V=-0.136; FLA M(1965)=1.12200e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(46) HD212978	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			1.3 Secs	
									[==>]	[1]
	2		(46) HD212978	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 63 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:36 GMT 2009

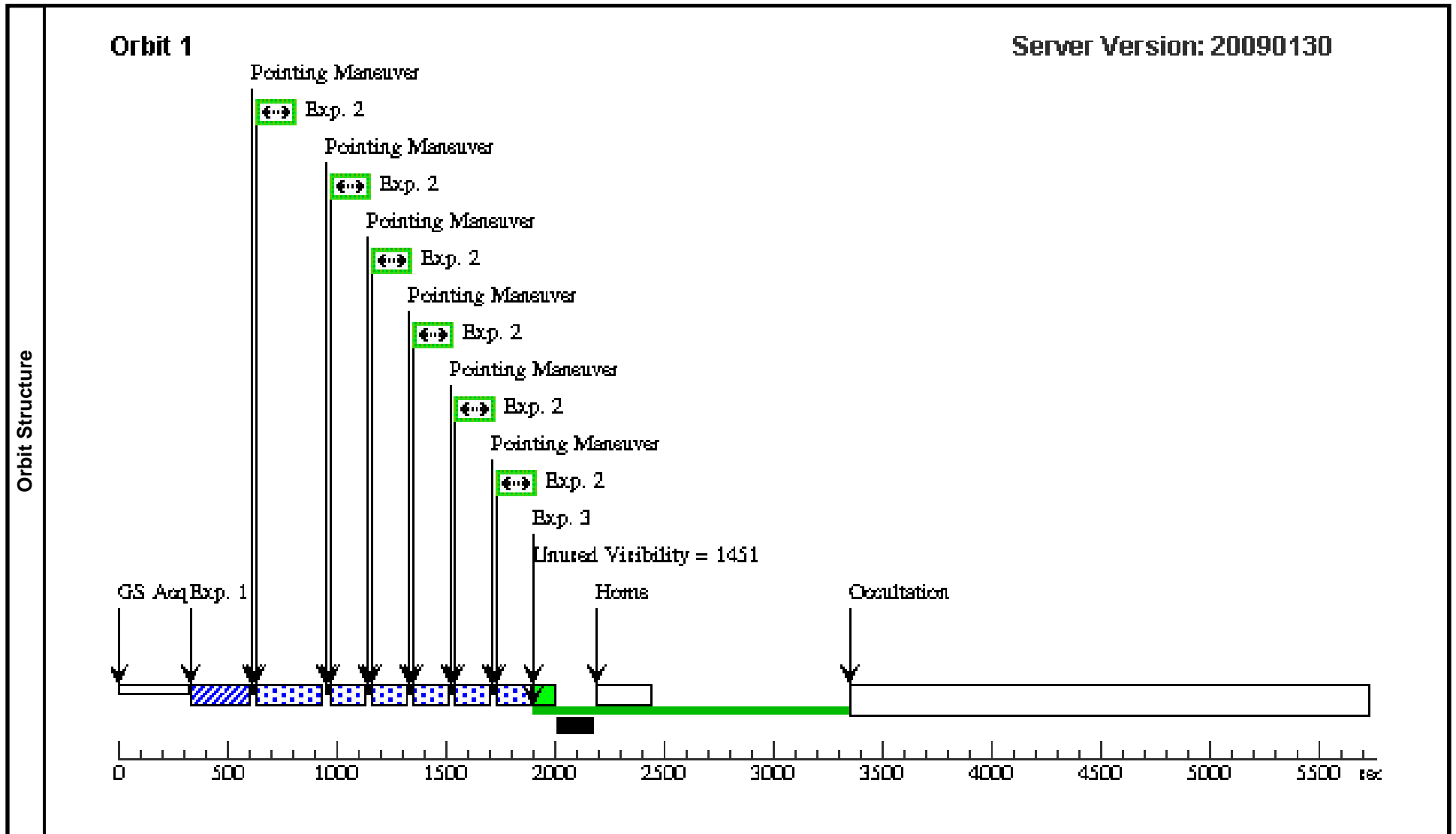
Visit	Proposal 11567, Visit 63 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 46</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true							(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(46)	HD212978	RA: 22 27 26.4990 (336.8604125d) Dec: +39 48 36.09 (39.81002d) Equinox: J2000	Proper Motion RA: -0.000045997s/yr Proper Motion Dec: -0.006090000"/yr Parallax: 0.00239" Epoch of Position: 2000.	V=6.160+/-0.1 SPEC=B2V; B-V=-0.136; FLA M(1965)=1.12200e-10		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(46) HD212978	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			1.3 Secs [==>]	[1]
	2		(46) HD212978	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 47 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:36 GMT 2009

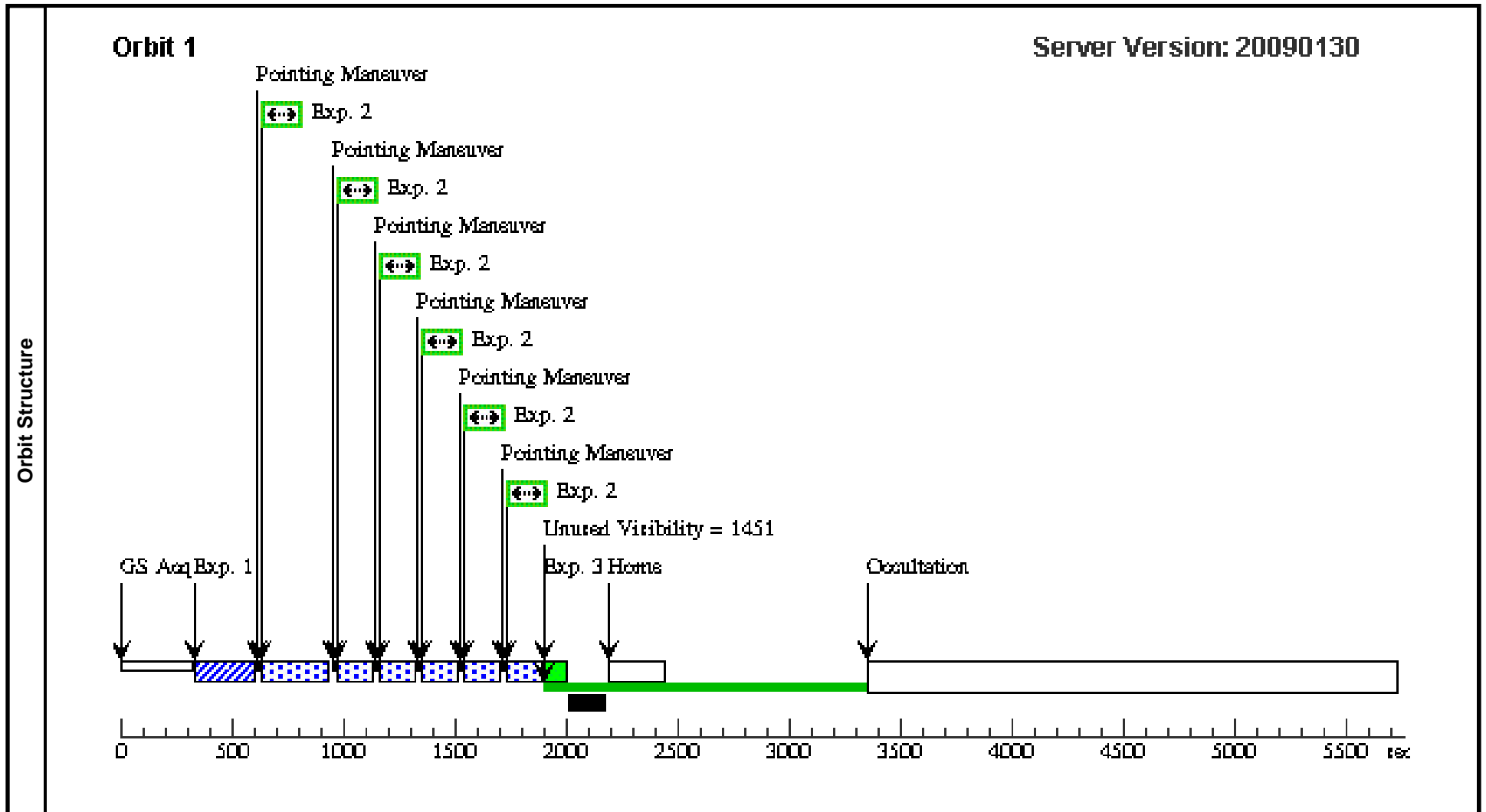
Visit	Proposal 11567, Visit 47, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(47)	HD213420	RA: 22 30 29.2600 (337.6219167d) Dec: +43 07 24.15 (43.12338d) Equinox: J2000	Proper Motion RA: -0.000187244s/yr Proper Motion Dec: -0.005760000"/yr Parallax: 0.00238" Epoch of Position: 2000.	V=4.520+/-0.1 SPEC=B2IV; B-V=-0.086; FLA M(1965)=3.36700e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(47) HD213420	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.3 Secs	
									[==>]	[1]
	2		(47) HD213420	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 64 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:36 GMT 2009

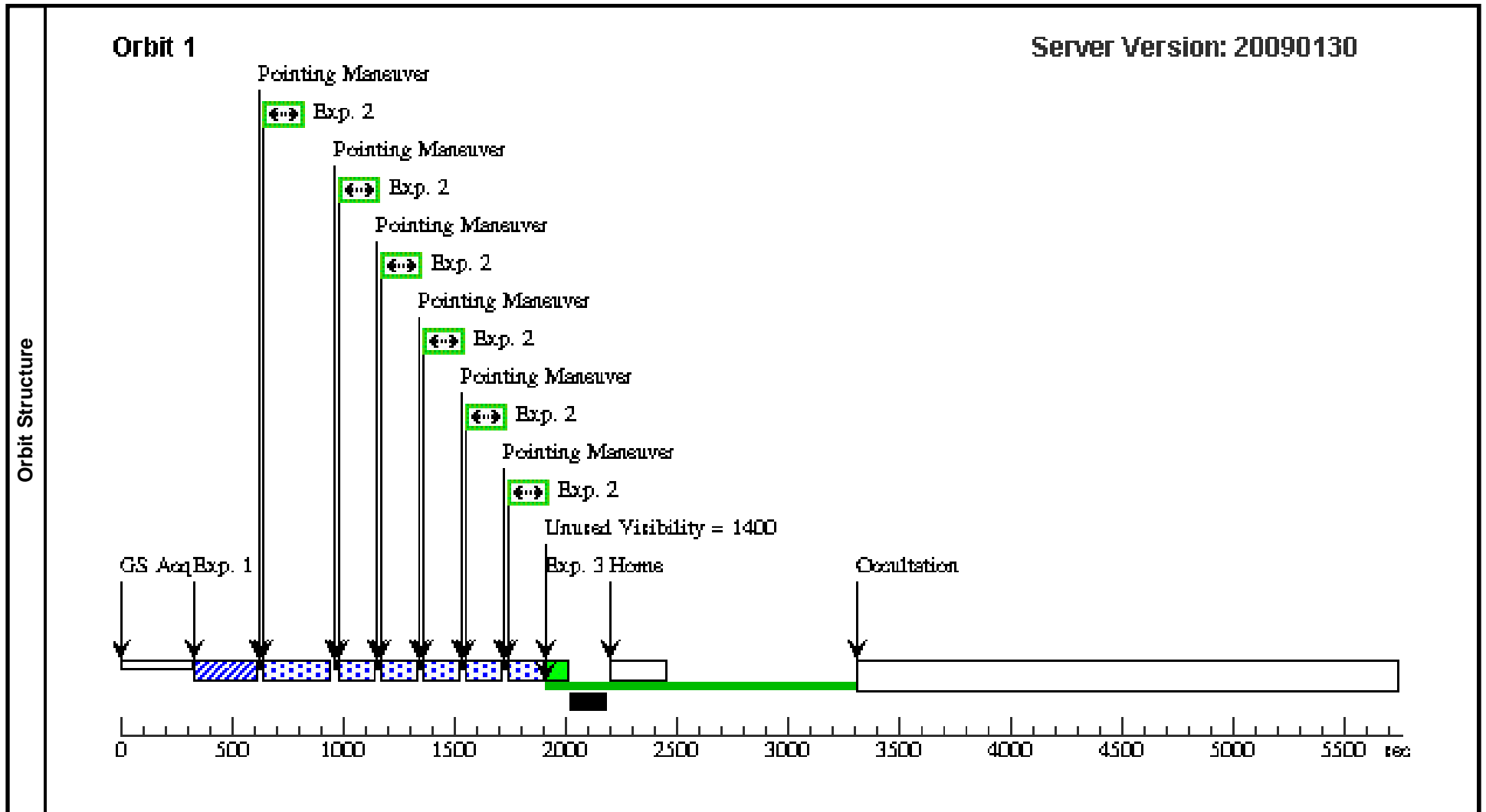
Visit	Proposal 11567, Visit 64 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 47</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true							(2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(47)	HD213420	RA: 22 30 29.2600 (337.6219167d) Dec: +43 07 24.15 (43.12338d) Equinox: J2000	Proper Motion RA: -0.000187244s/yr Proper Motion Dec: -0.005760000"/yr Parallax: 0.00238" Epoch of Position: 2000.	V=4.520+/-0.1 SPEC=B2IV; B-V=-0.086; FLA M(1965)=3.36700e-10		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(47) HD213420	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.3 Secs [==>]	[1]
	2		(47) HD213420	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
	3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs [==>]	[1]



Proposal 11567 - Visit 48 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:37 GMT 2009

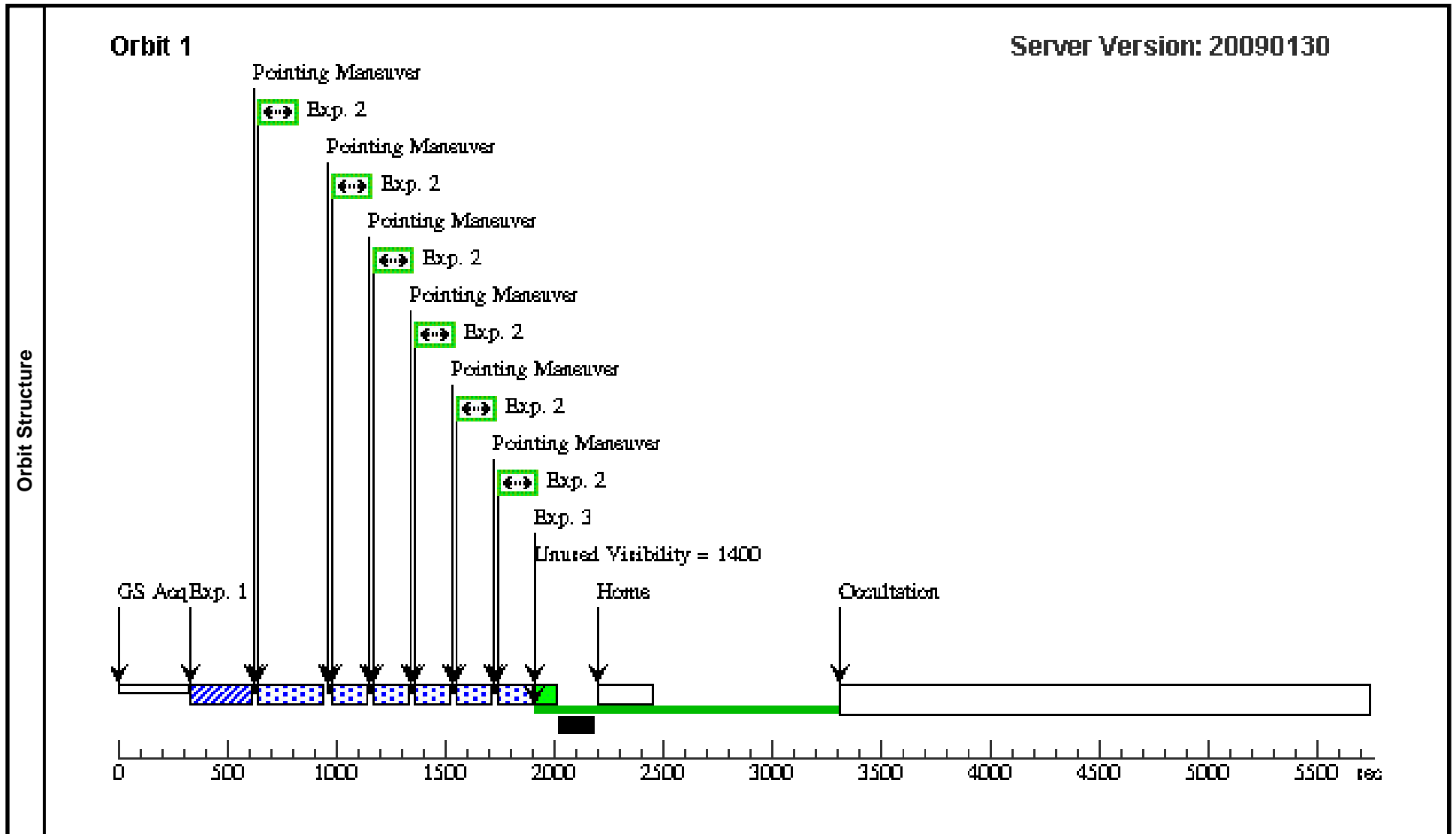
Visit	Proposal 11567, Visit 48, failed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(48)	HD214263	RA: 22 36 22.3260 (339.0930250d) Dec: +37 50 32.02 (37.84223d) Equinox: J2000	Proper Motion RA: -0.000075134s/yr Proper Motion Dec: -0.005340000"/yr Parallax: 0.00292" Epoch of Position: 2000.	V=6.840+/-0.1 SPEC=B2V; B-V=-0.131; FLA M(1965)=5.58000e-11	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(48) HD214263	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			2.6 Secs	
									[==>]	[1]
	2		(48) HD214263	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 65 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:37 GMT 2009

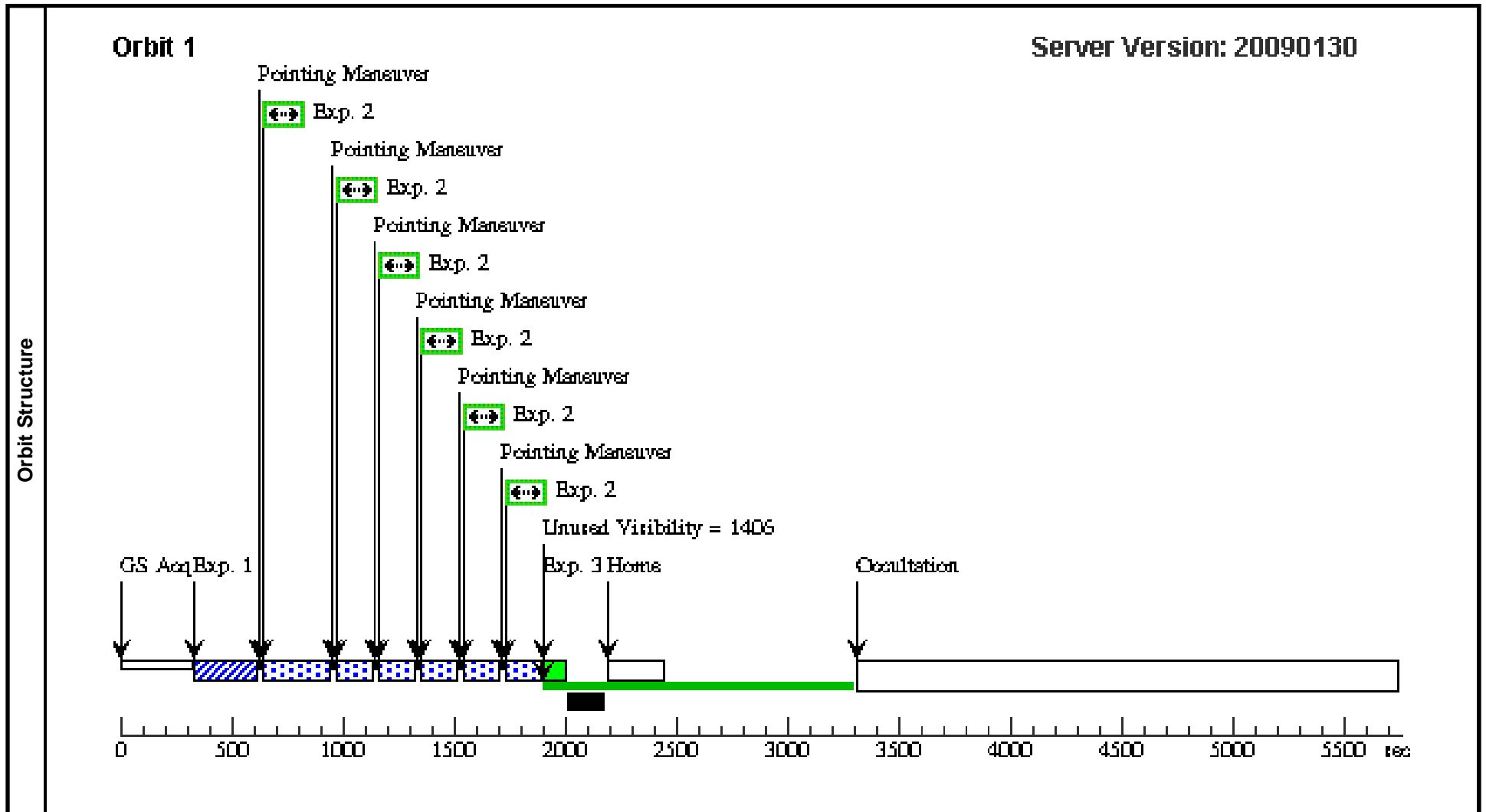
Visit	Proposal 11567, Visit 65 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none) <i>Comments: Copy of visit 48</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		Pattern Type=STIS-ALONG-SLIT		Coordinate Frame=POS-TARG						(2)
		Purpose=DITHER		Pattern Orientation=90.0						
		Number Of Points=6		Angle Between Sides=						
		Point Spacing=0.431035		Center Pattern=true						
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(48)	HD214263	RA: 22 36 22.3260 (339.0930250d)		Proper Motion RA: -0.000075134s/yr		V=6.840+/-0.1	Reference Frame: ICRS		
			Dec: +37 50 32.02 (37.84223d)		Proper Motion Dec: -0.005340000"/yr		SPEC=B2V; B-V=-0.131; FLA			
			Equinox: J2000		Parallax: 0.00292"		M(1965)=5.58000e-11			
					Epoch of Position: 2000.					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(48) HD214263	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			2.6 Secs	
									[==>]	[1]
	2		(48) HD214263	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 49 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:37 GMT 2009

Visit	Proposal 11567, Visit 49, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true					(2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(49)	HD217101	RA: 22 57 40.7390 (344.4197458d) Dec: +39 18 31.60 (39.30878d) Equinox: J2000	Proper Motion RA: 0.000039634s/yr Proper Motion Dec: -0.005130000"/yr Parallax: 0.00239" Epoch of Position: 2000.	V=6.170+/-0.1 SPEC=B2IV-V; B-V=-0.148; F LAM(1965)=1.20100e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(49) HD217101	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			1.4 Secs	
									[==>]	[1]
	2		(49) HD217101	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	



Proposal 11567 - Visit 50 - Boron Abundances in Rapidly Rotating Early-B Stars.

Thu Jul 16 01:18:37 GMT 2009

Visit	Proposal 11567, Visit 50, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=STIS-ALONG-SLIT Purpose=DITHER Number Of Points=6 Point Spacing=0.431035 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90.0 Angle Between Sides= Center Pattern=true						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(50)	HD224572	RA: 23 59 0.5390 (359.7522458d) Dec: +55 45 17.74 (55.75493d) Equinox: J2000	Proper Motion RA: 0.001097025s/yr Proper Motion Dec: -0.005090000"/yr Parallax: 0.00214" Epoch of Position: 2000.	V=4.880+/-0.1 SPEC=B1V...; B-V=-0.071; FL AM(1965)=2.90200e-10	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(50) HD224572	STIS/CCD, ACQ, F28X50OIII	MIRROR	GAIN=4			0.4 Secs	
									[==>]	[1]
	2		(50) HD224572	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A	CR-SPLIT=NO; WAVECAL=NO; GAIN=4		Pattern 2, Exps 2-2 (2)	120 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1]	
3		WAVE	STIS/CCD, ACCUM, 52X0.2	G230MB 1995 A				60 Secs		
								[==>]	[1]	

